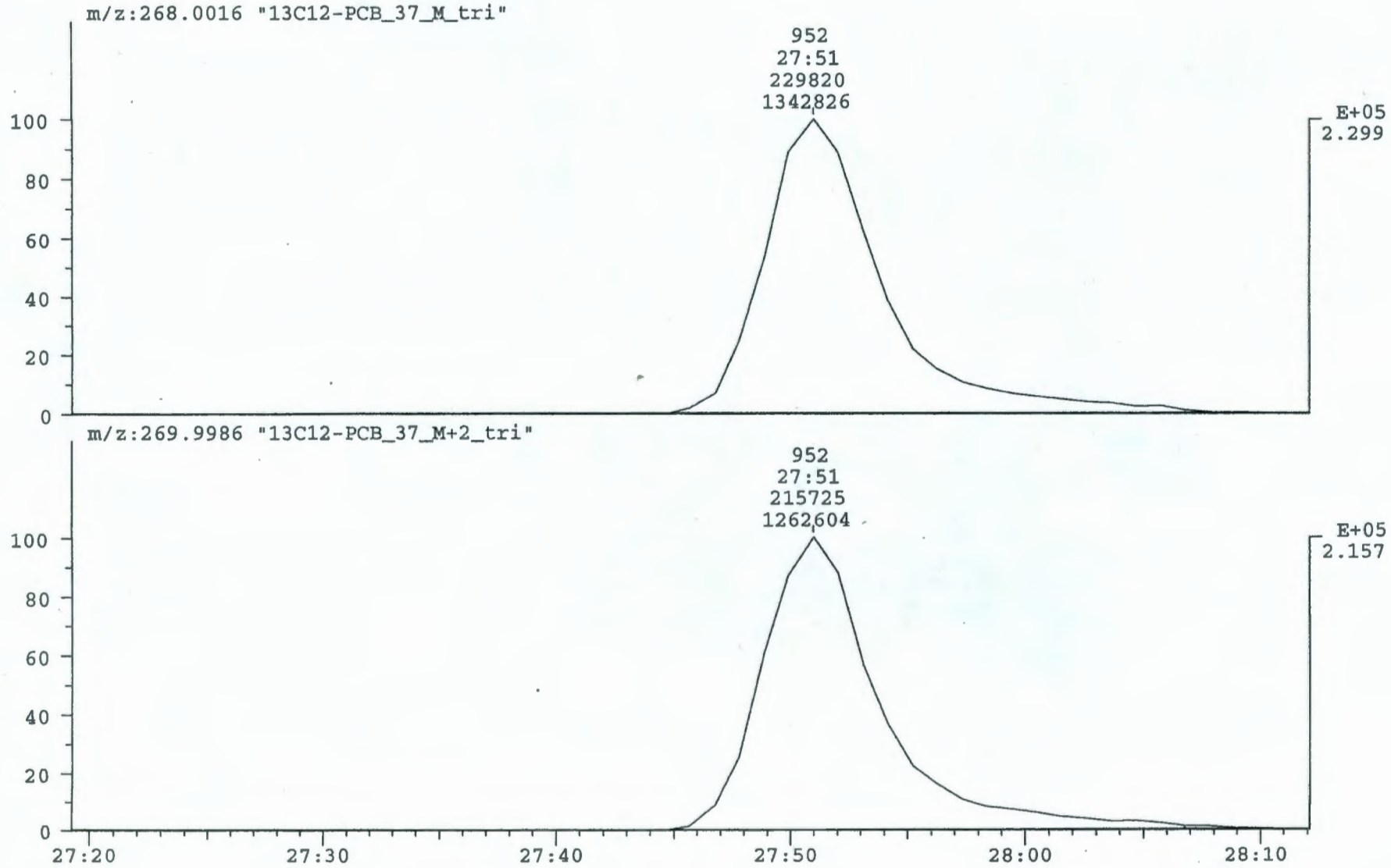
AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been divided into sections.

EDMC#:	0074172
SECTION:	5 OF 5
DOCUMENT #:	J00132
TITLE:	Data Package Summary Analytical Laboratory 100 Area and 300 Area Component of RCBRA Tissues - Resampling

CHRO: a070928s1 28-Sep-07 Elapse: 27:45.6 947
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 922 > 972 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070928s1                                28-Sep-07  Elapse:  17:54.2      392
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   367 > 417            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
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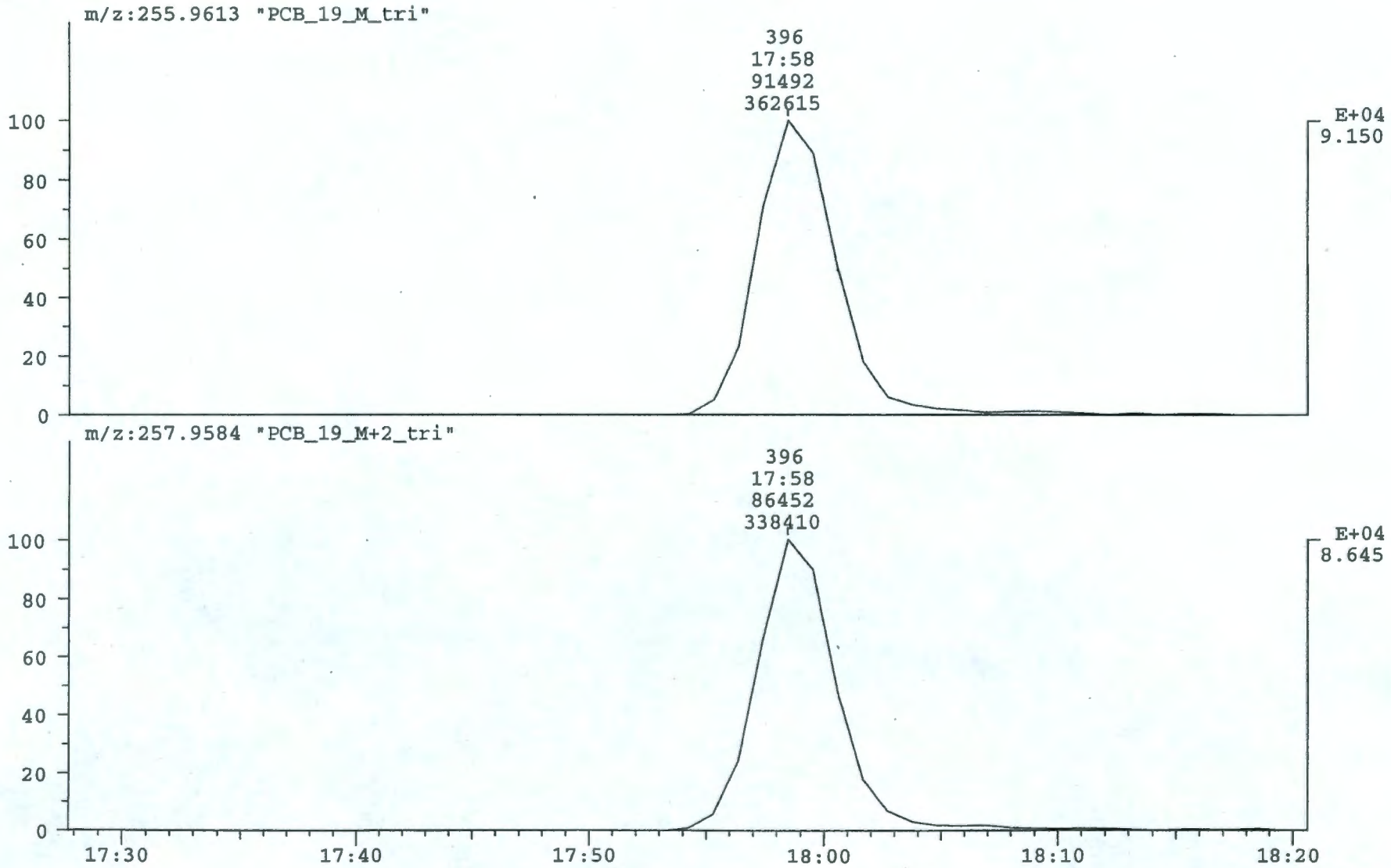

2402

```
CHRO:  a070928s1                                28-Sep-07  Elapse:  19:45.3      497
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Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   477 > 512            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
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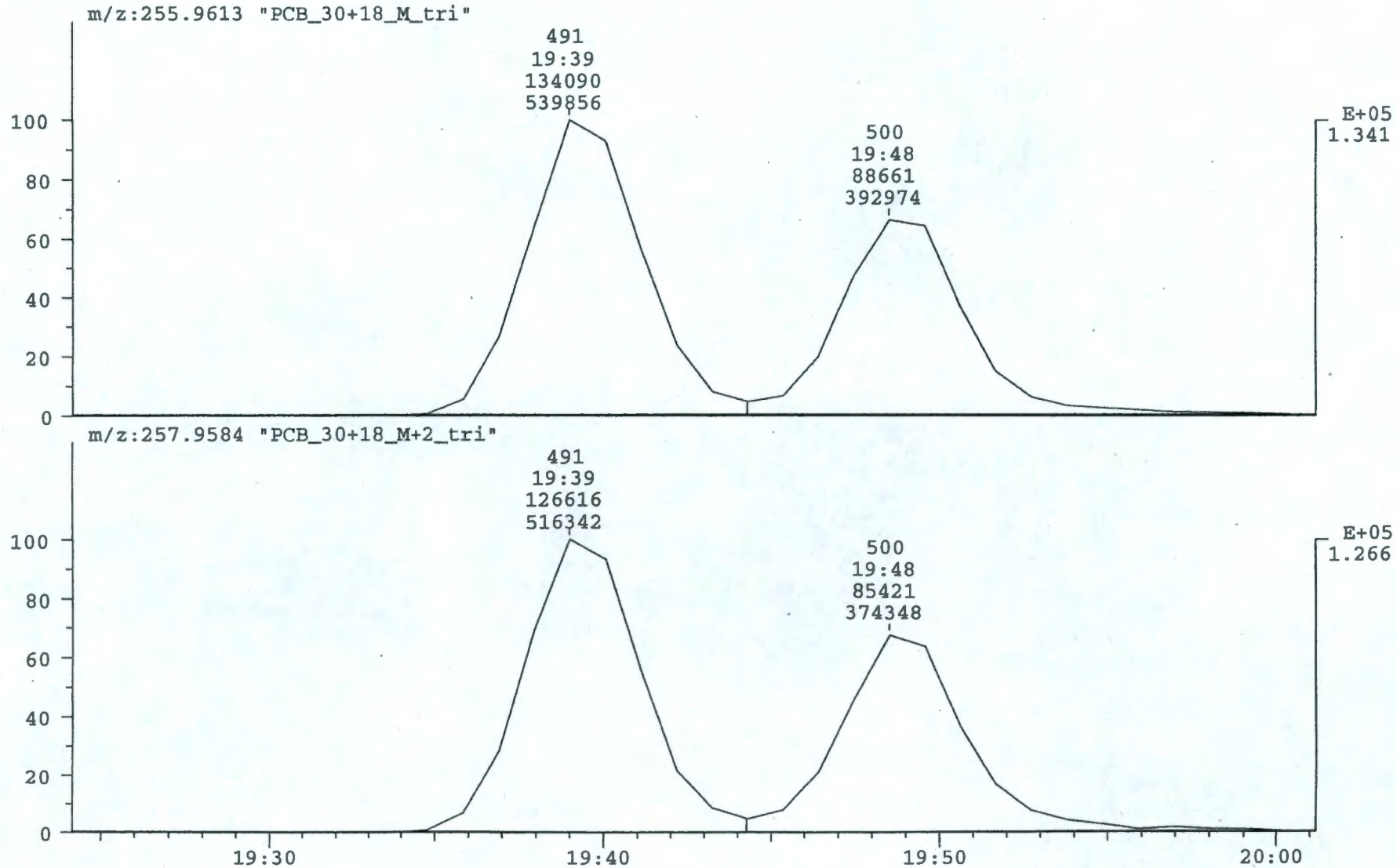
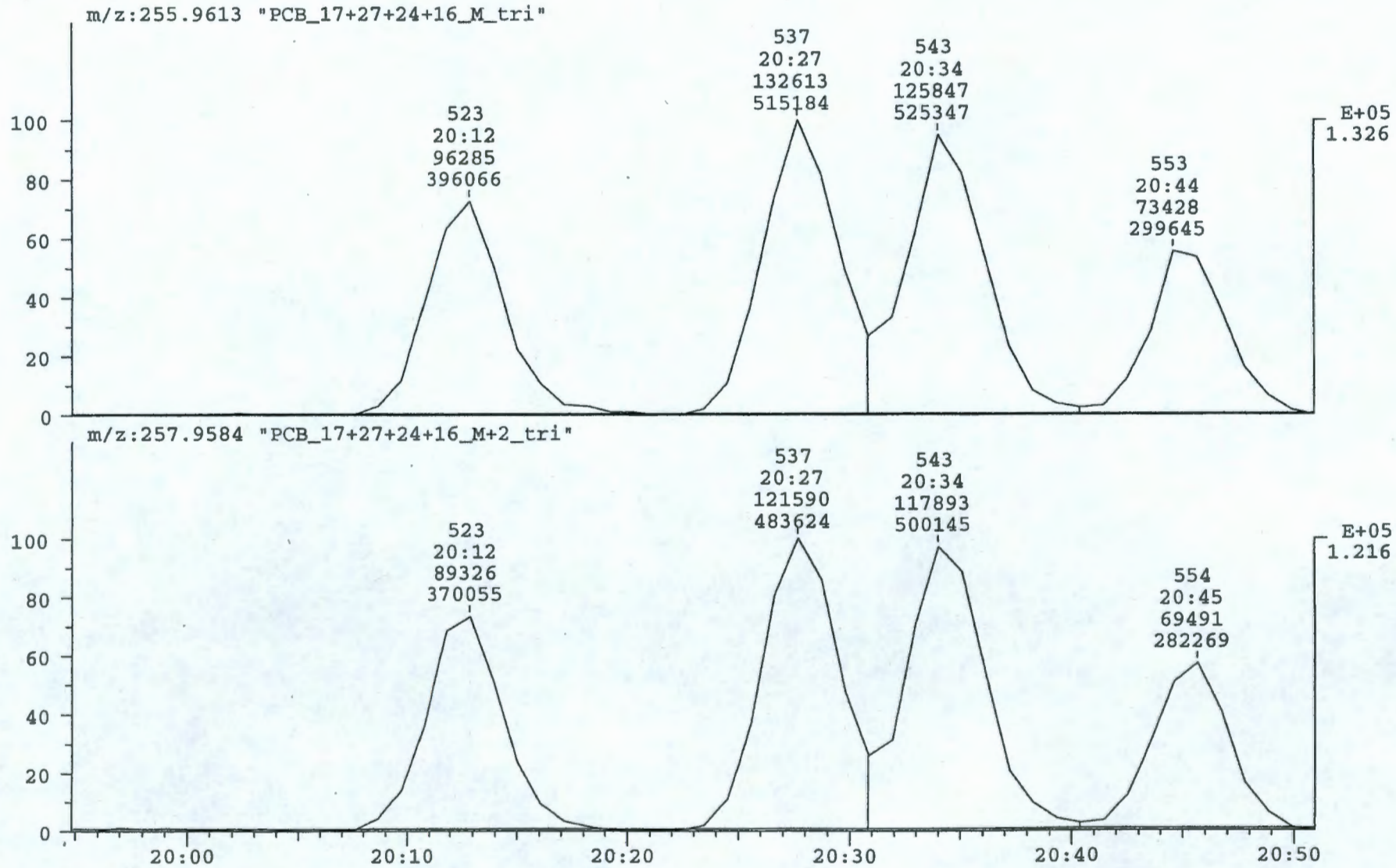


2403

CHRO: a070928s1 28-Sep-07 Elapse: 20:26.6 536
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 506 > 559 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070928s1                                28-Sep-07   Elapse:  21:11.1      578
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   558 > 598             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```
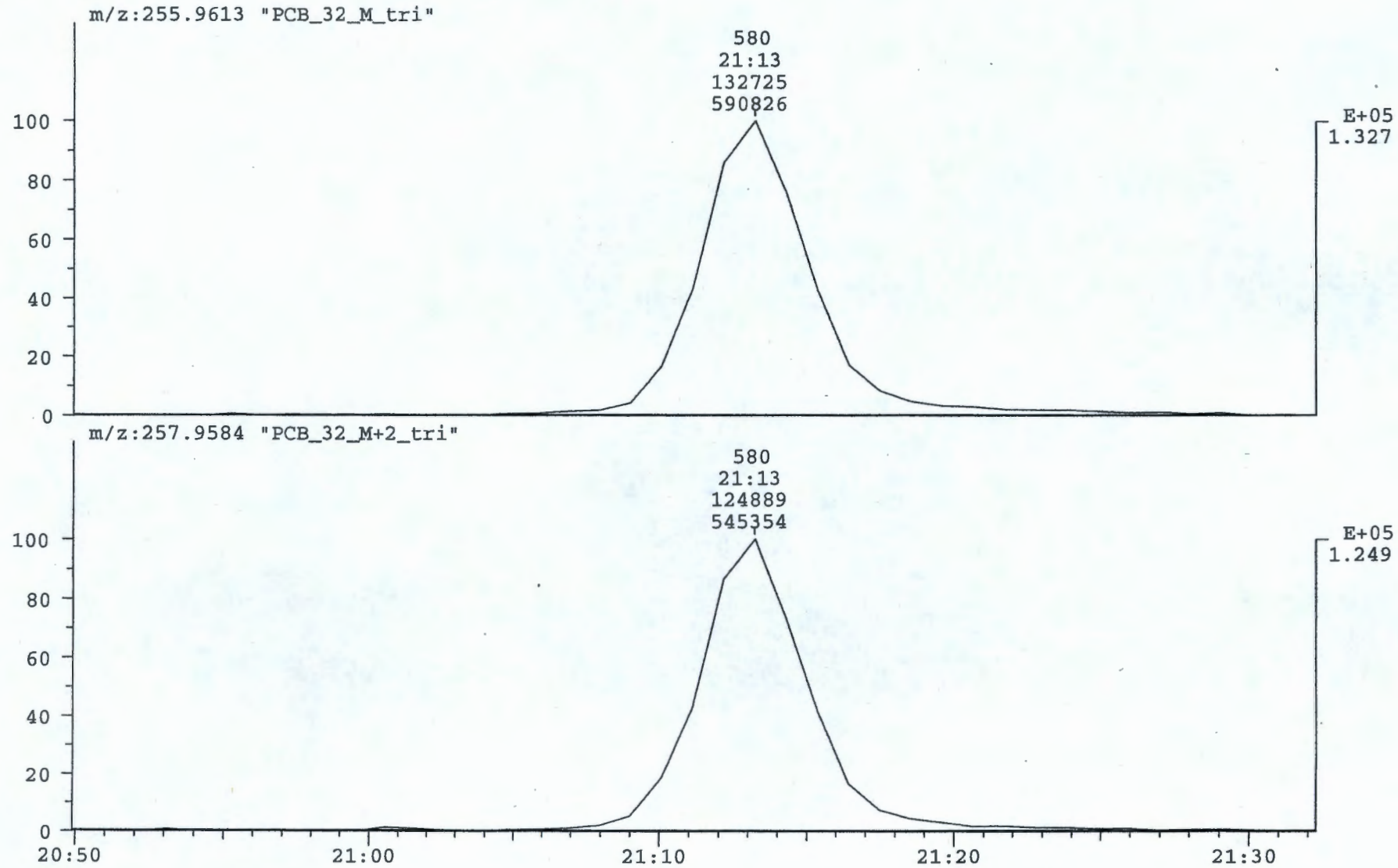
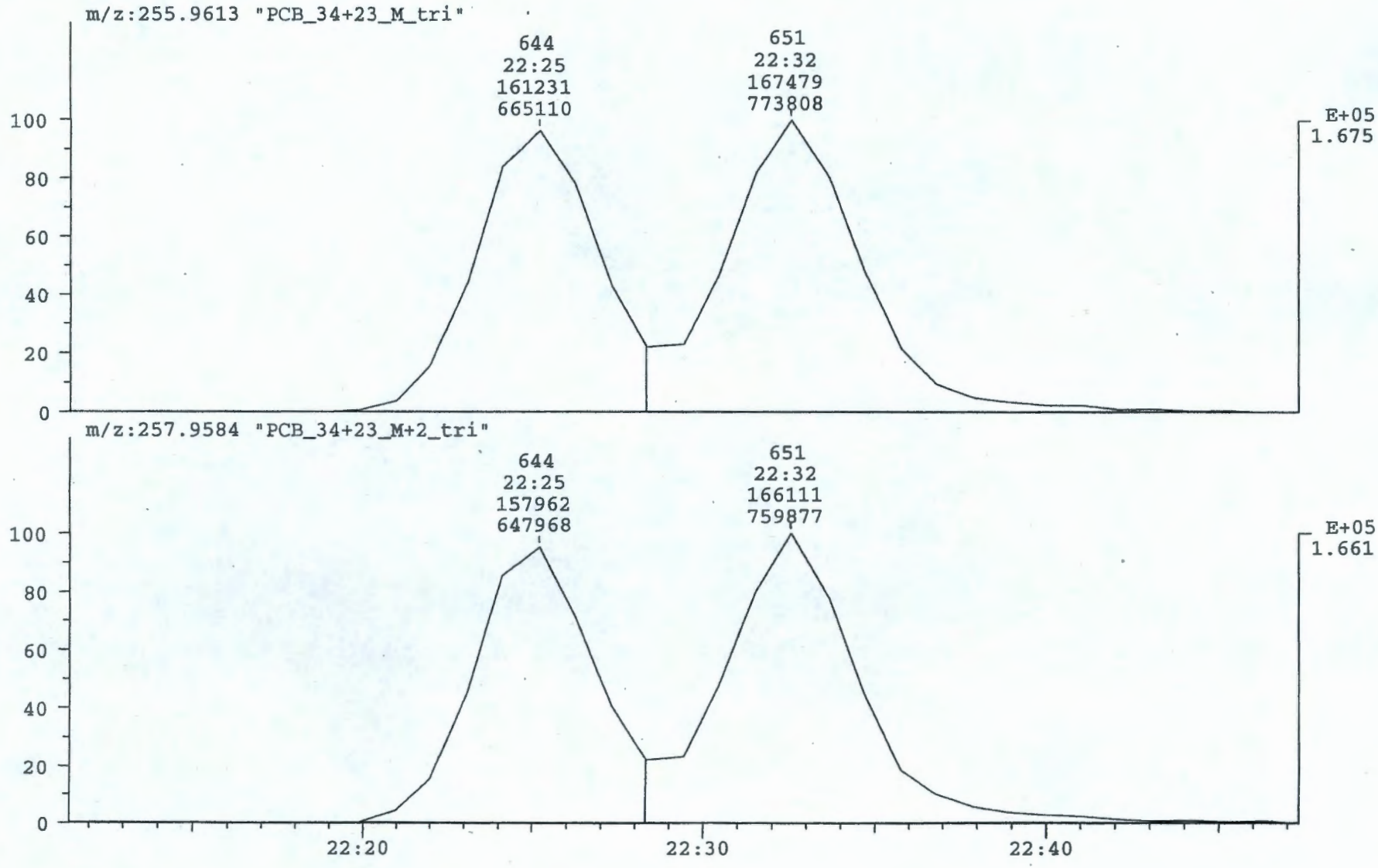
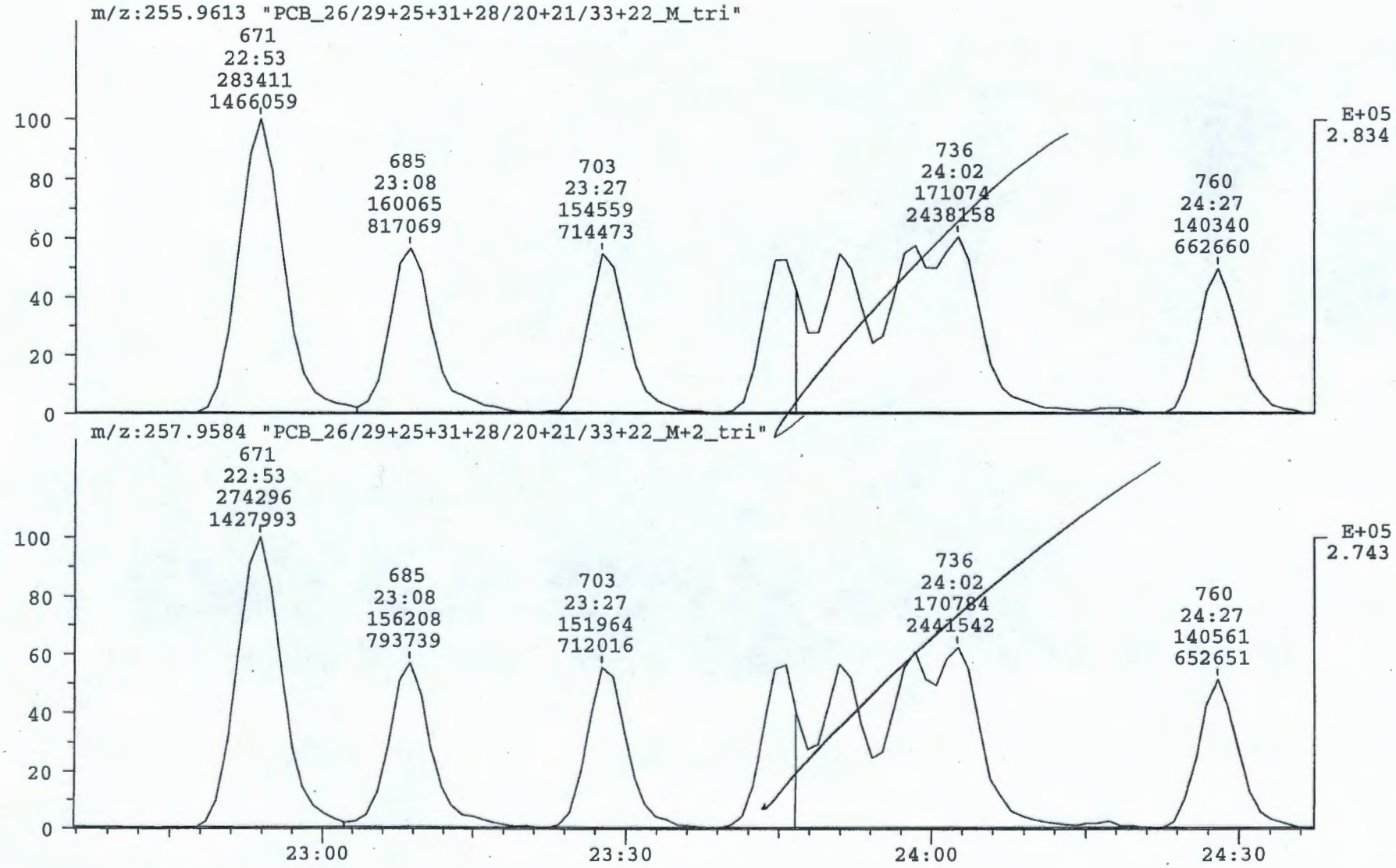



2405

```
CHRO:  a070928s1                                28-Sep-07  Elapse:  22:24.1     643
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   631 > 665            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

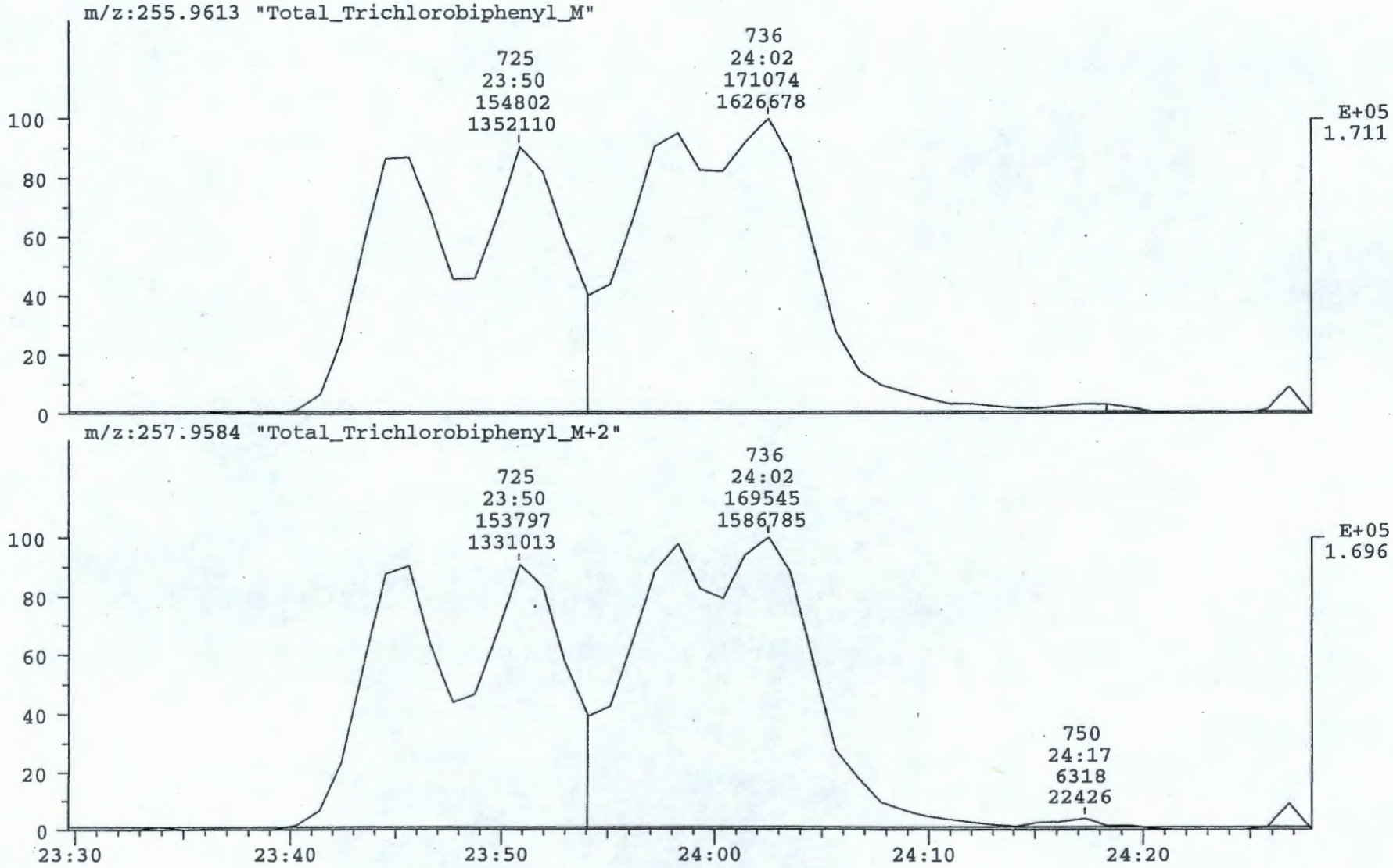


CHRO: a070928s1 28-Sep-07 Elapse: 23:55.1 729
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 654 > 769 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 8 Label : -3, 3.0
Disp: Height Area

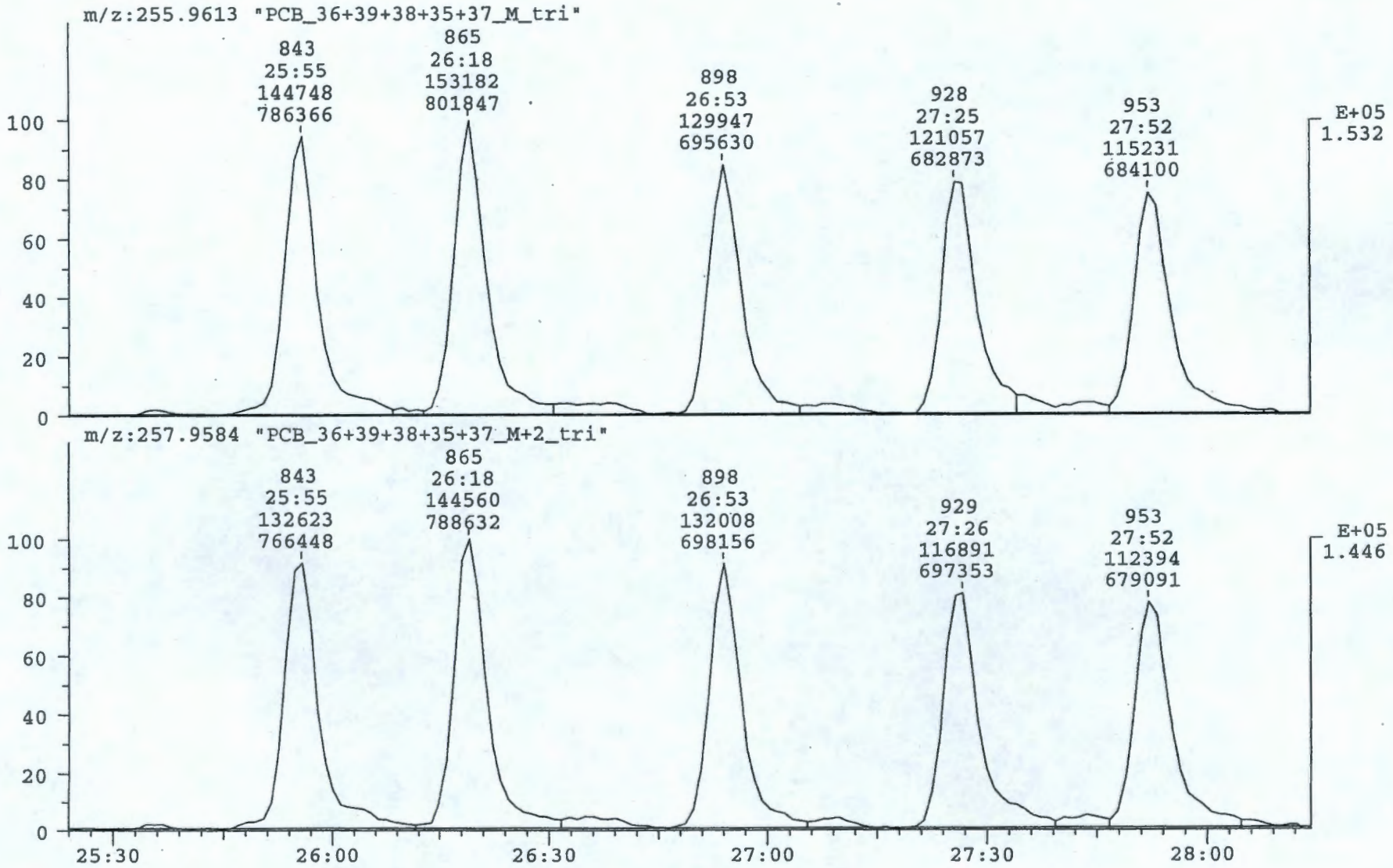


2407

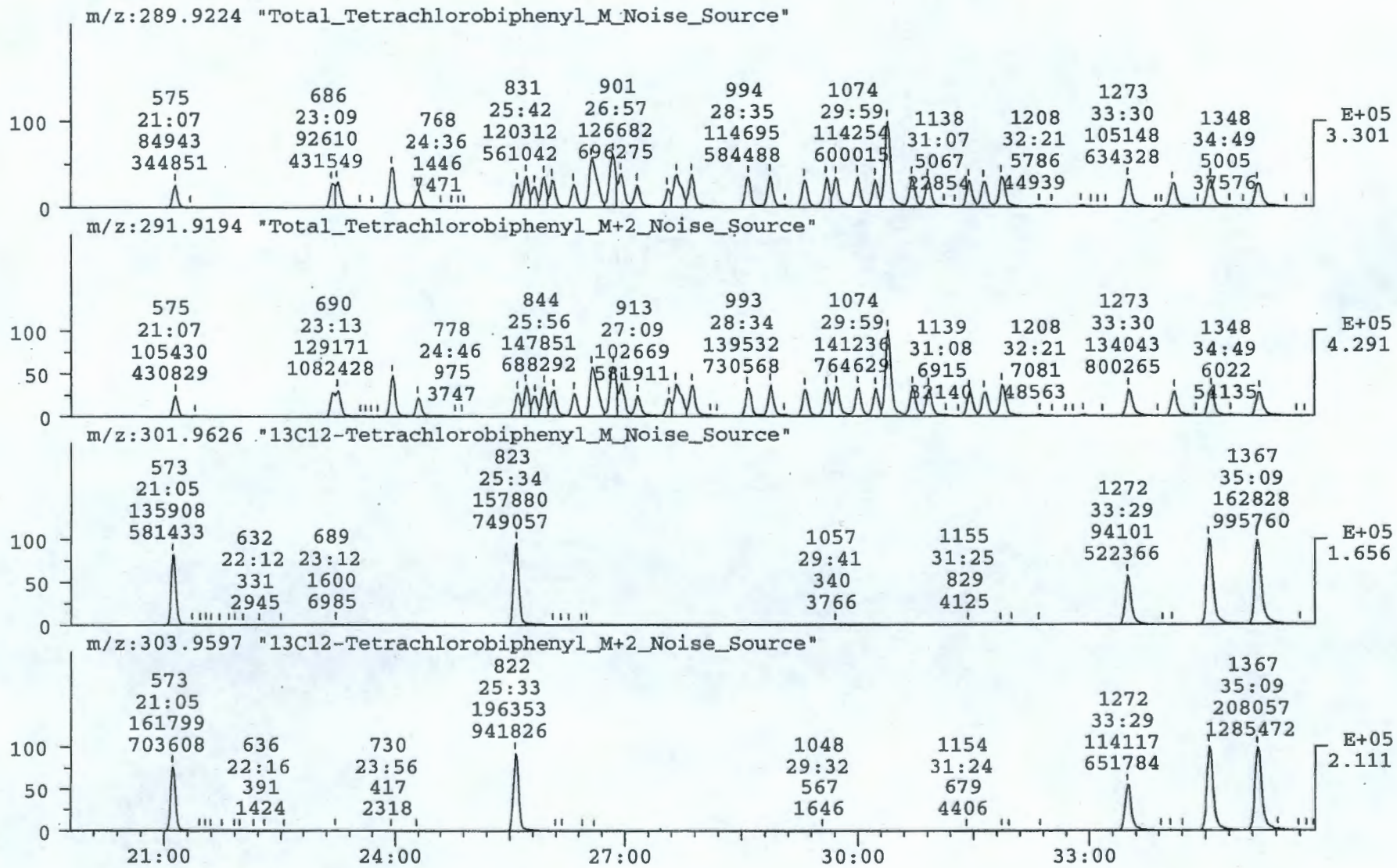
CHRO: a070928s1 28-Sep-07 Elapse: 56:12 2554
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 705 > 760 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



CHRO: a070928s1 28-Sep-07 Elapse: 26:53.9 898
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 813 > 974 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



CHRO: a070928s1 28-Sep-07 Elapse: 27:51.9 952
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 500 > 1409 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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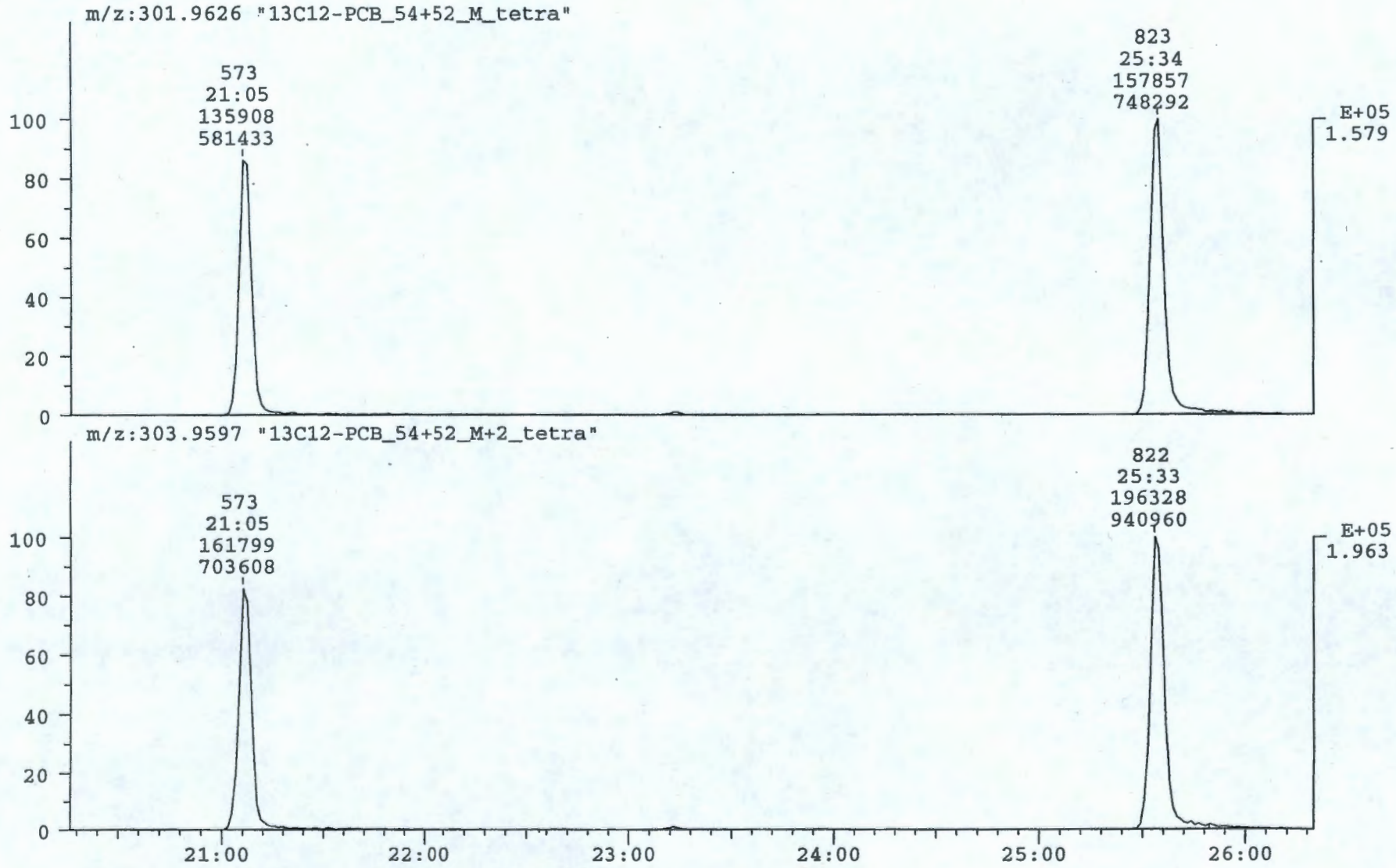
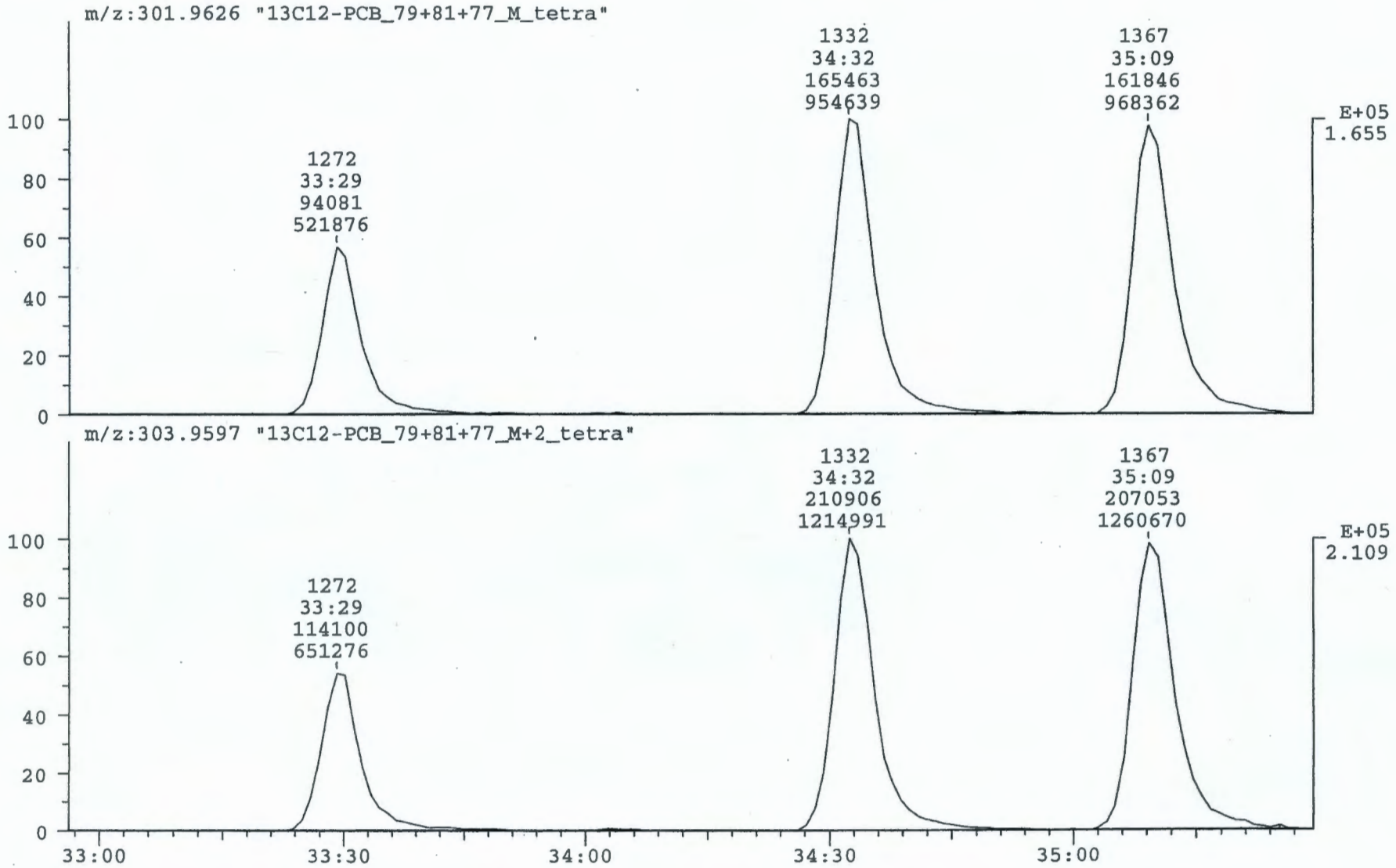
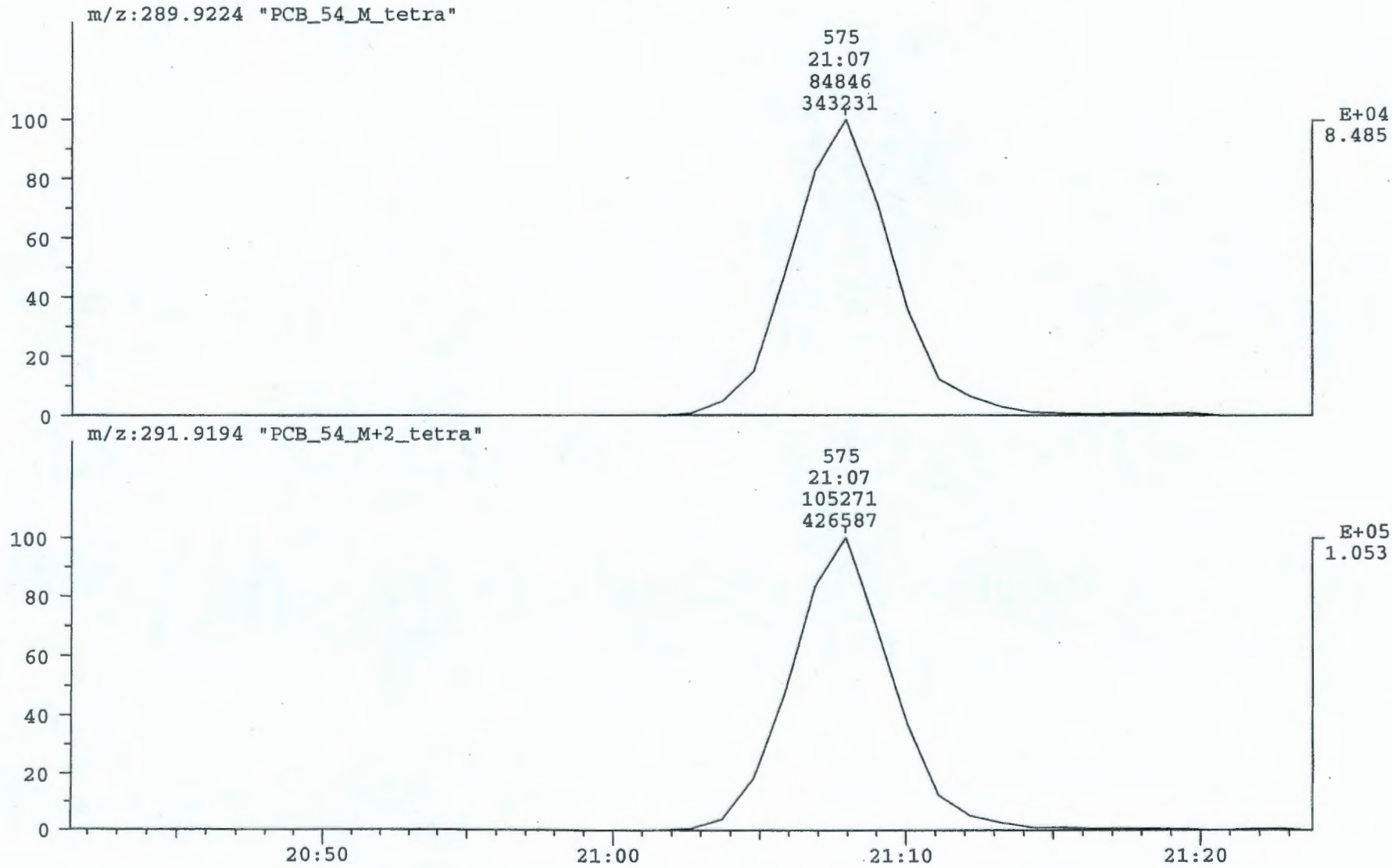
CHRO:  a070928s1                                28-Sep-07  Elapse:  23:20.2      696
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   526 > 866            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070928s1 28-Sep-07 Elapse: 34:10 1311
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1241 > 1386 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



CHRO: a070928s1 28-Sep-07 Elapse: 21:02.6 570
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 550 > 590 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070928s1                                28-Sep-07  Elapse:  23:49.8      724
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   661 > 774            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```
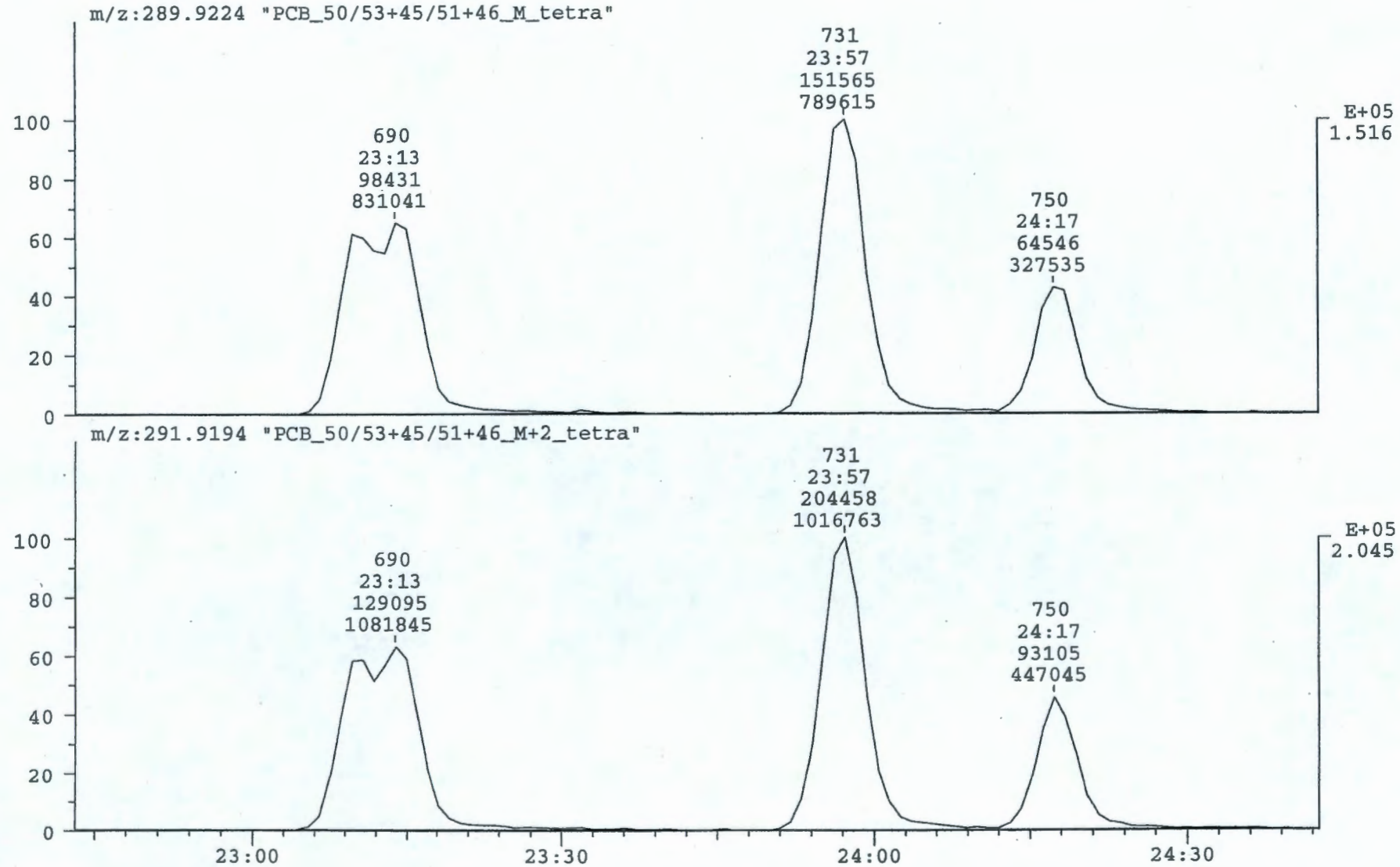
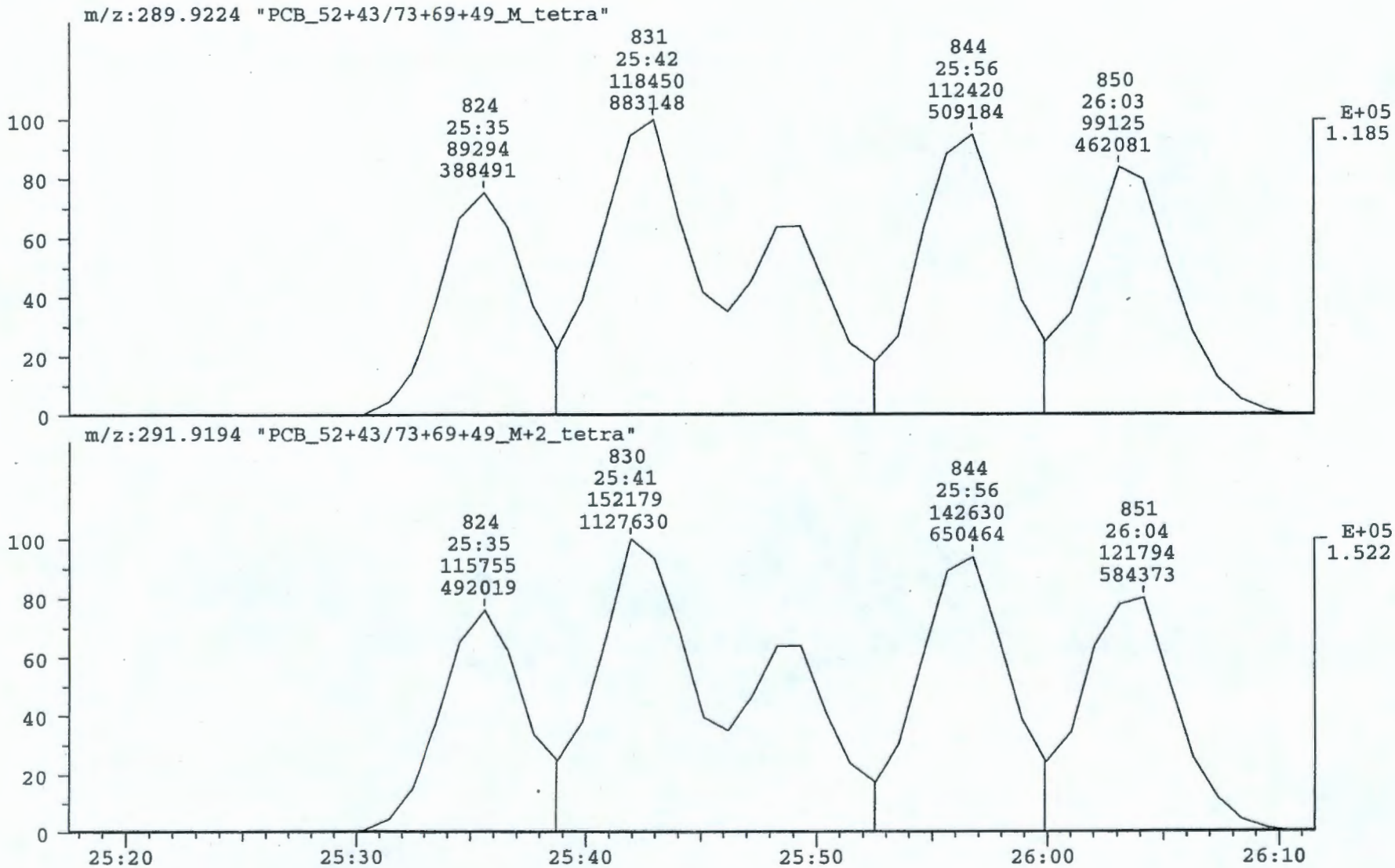
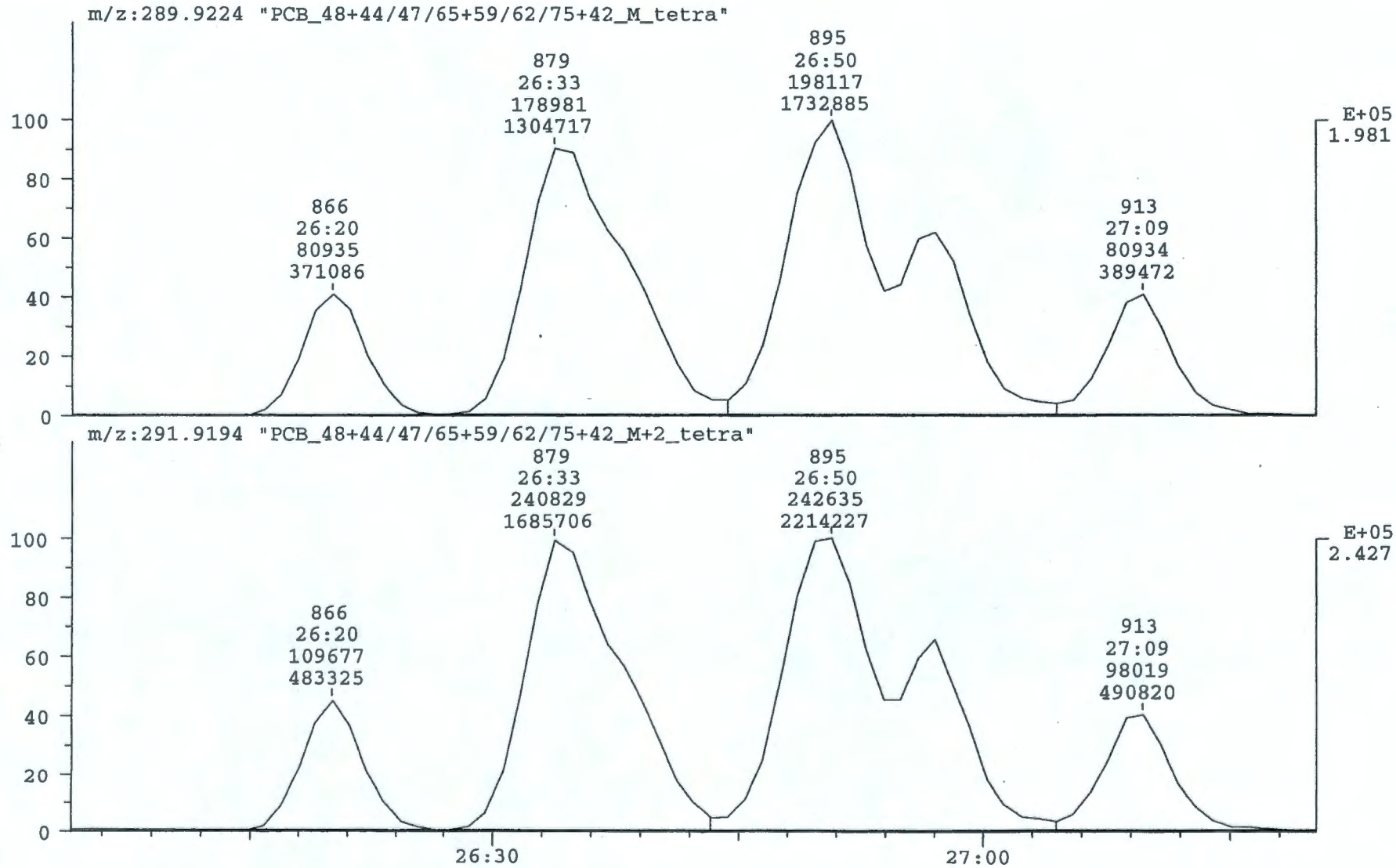



CHRO: a070928s1 28-Sep-07 Elapse: 25:52.5 840
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 807 > 858 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070928s1                                28-Sep-07   Elapse:  26:46.4      891
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   851 > 923             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



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CHRO:  a070928s1                                28-Sep-07  Elapse:  27:46.7      948
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38    2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   916 > 963            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2               Label :  -3, 3.0
Disp:  Height  Area
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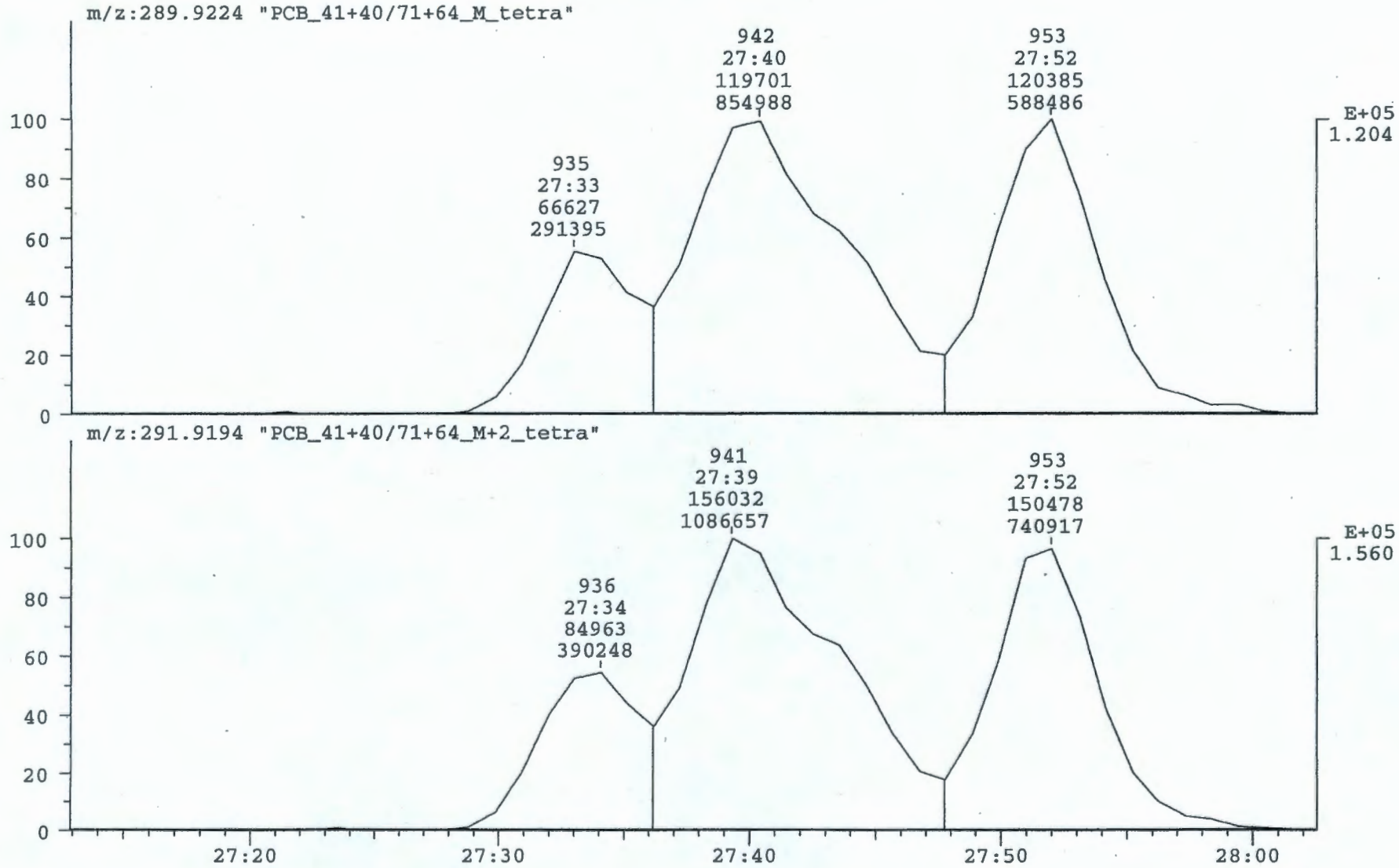

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CHRO:  a070928s1                                28-Sep-07  Elapse:  28:46      1005
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   975 > 1020           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
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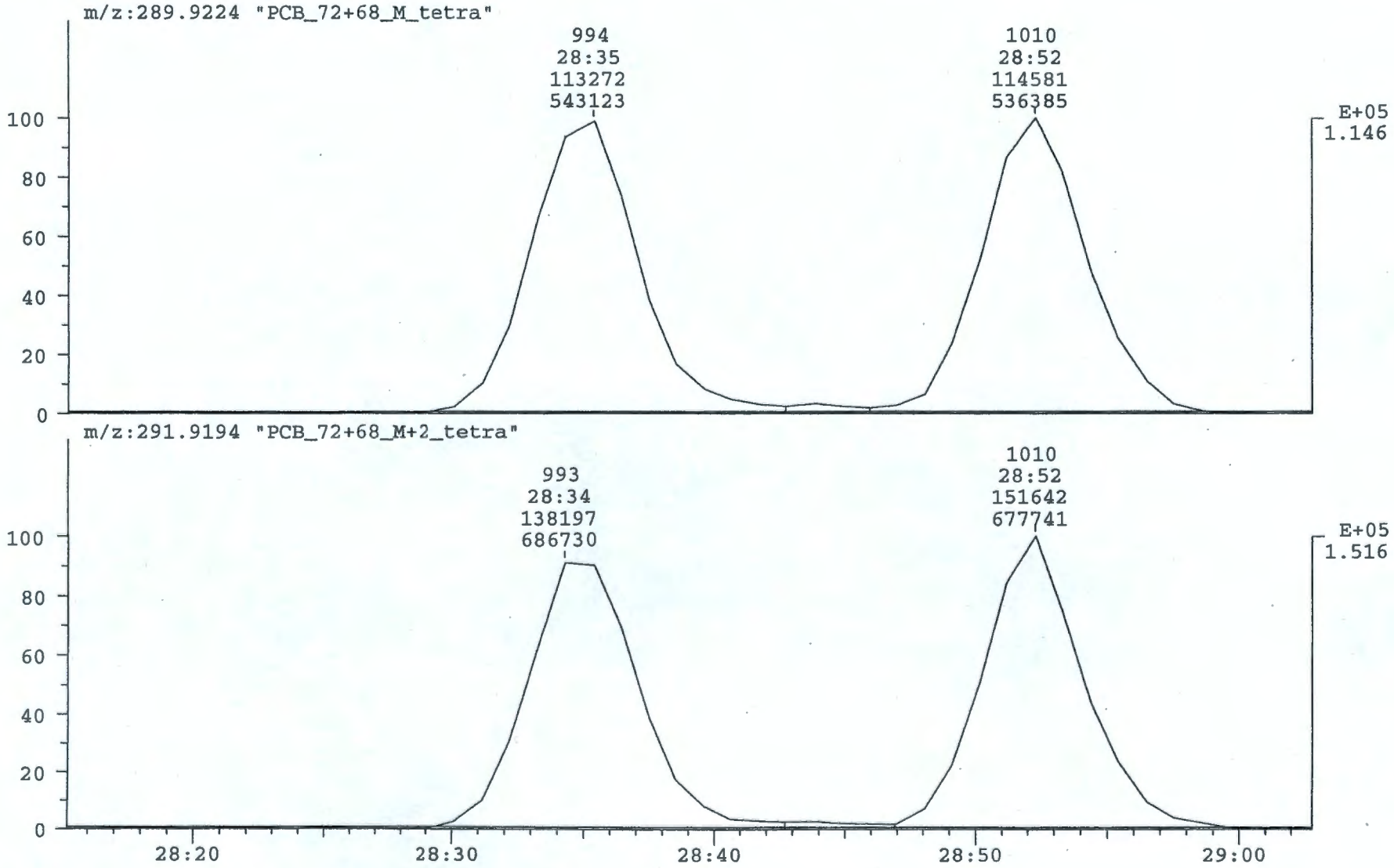
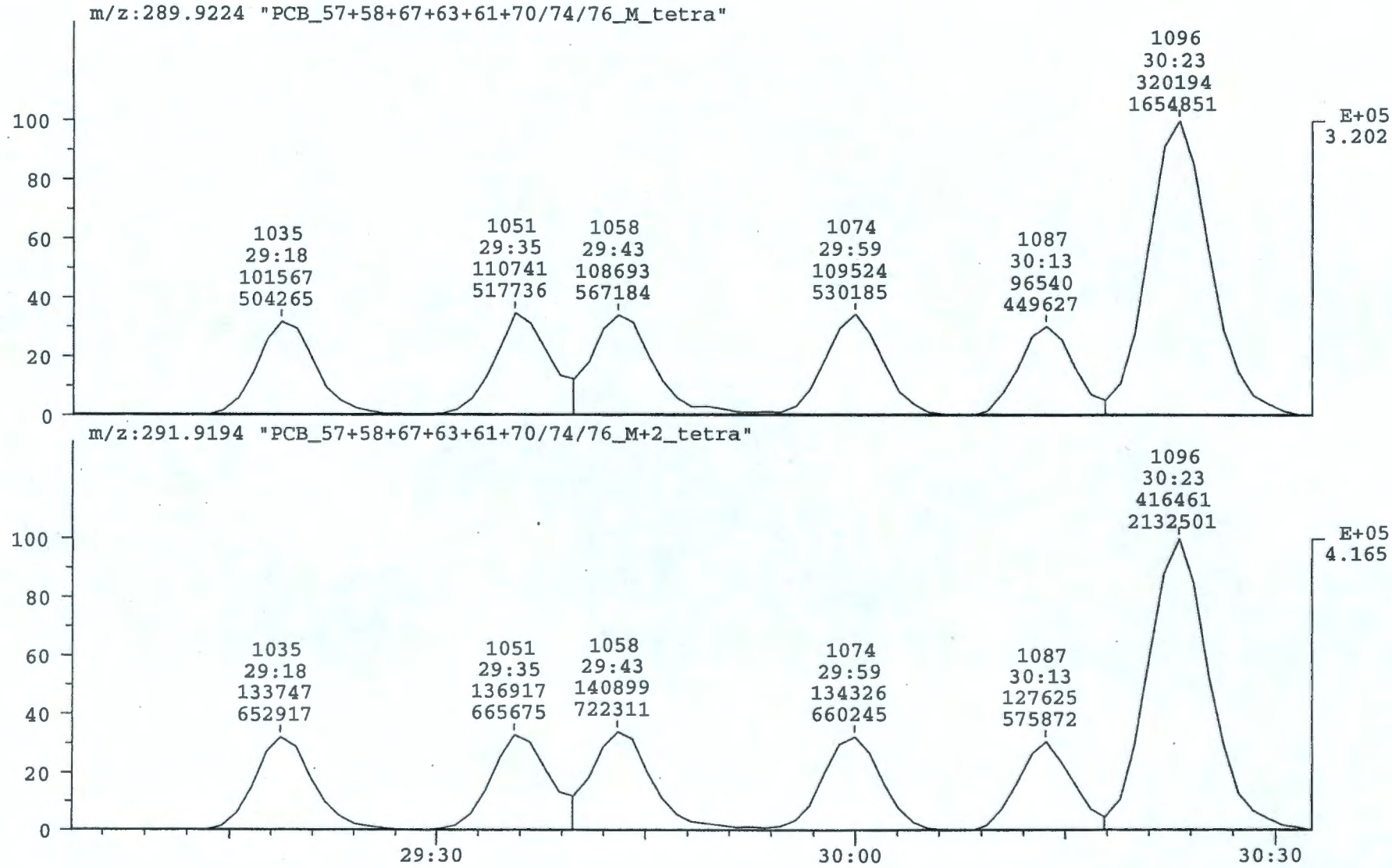
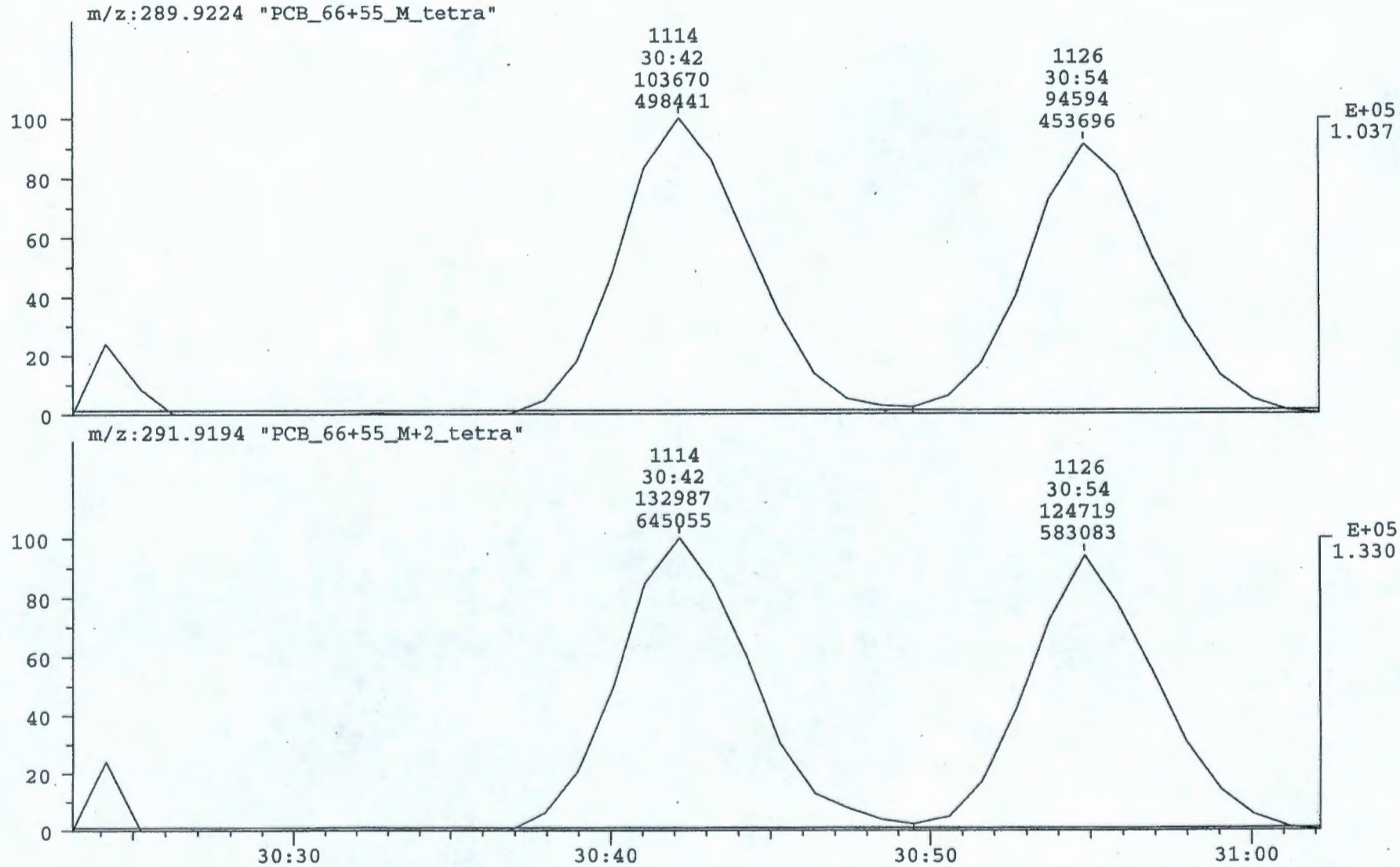


CHRO: a070928s1 28-Sep-07 Elapse: 29:53 1068
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1021 > 1105 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



2419

CHRO: a070928s1 28-Sep-07 Elapse: 30:49 1121
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1096 > 1133 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070928s1                                28-Sep-07  Elapse:  31:41      1170
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1135 > 1195          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
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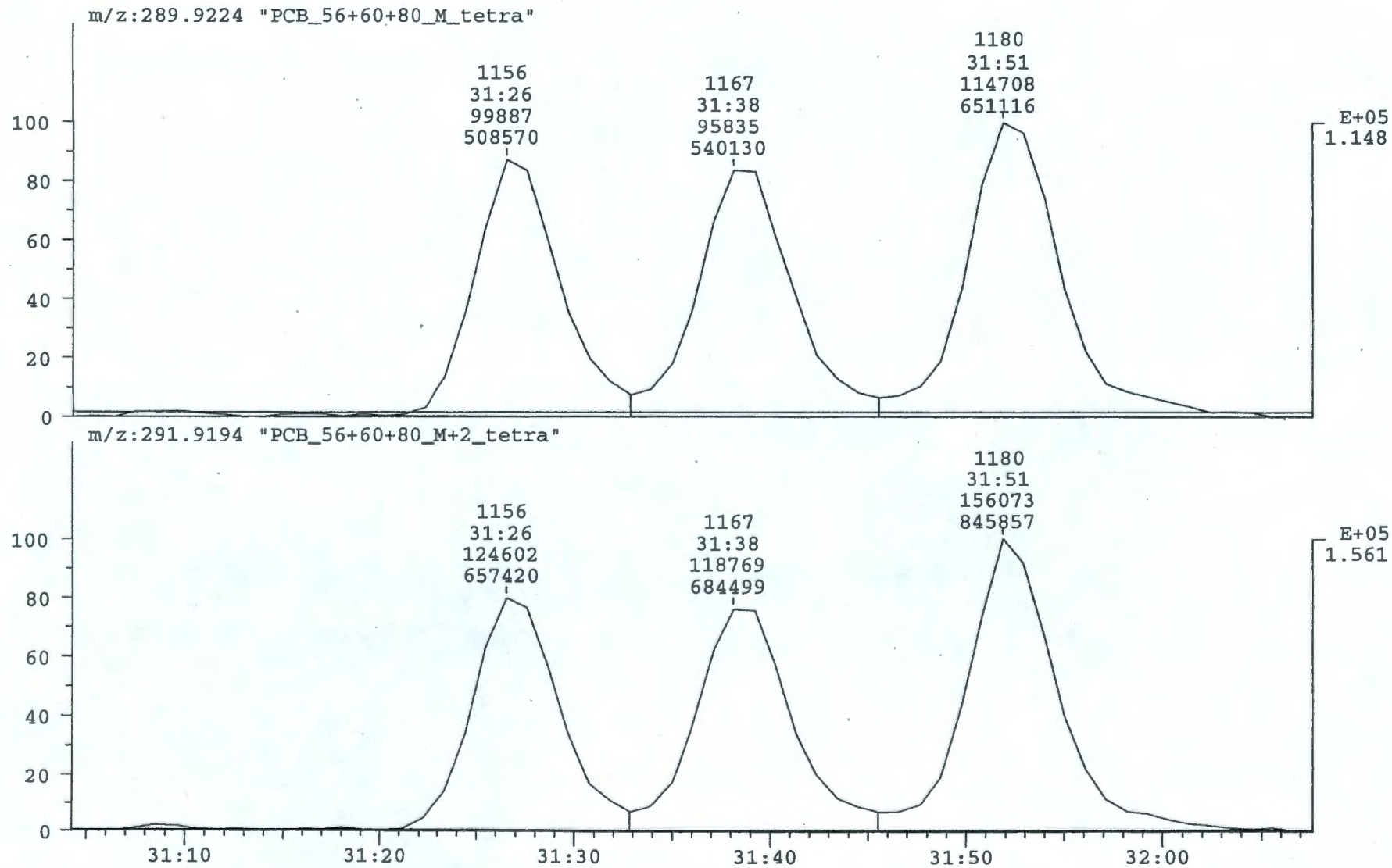
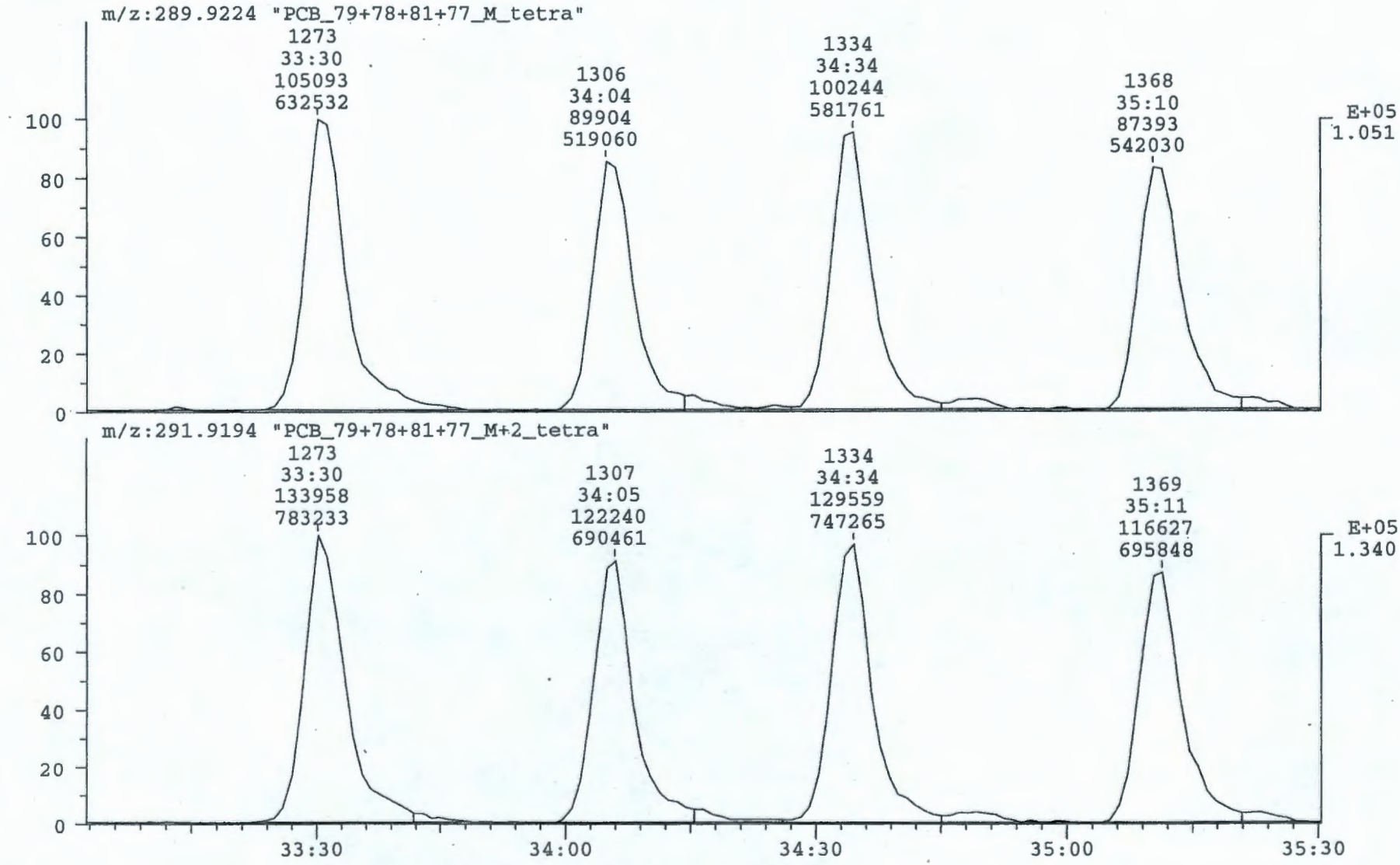
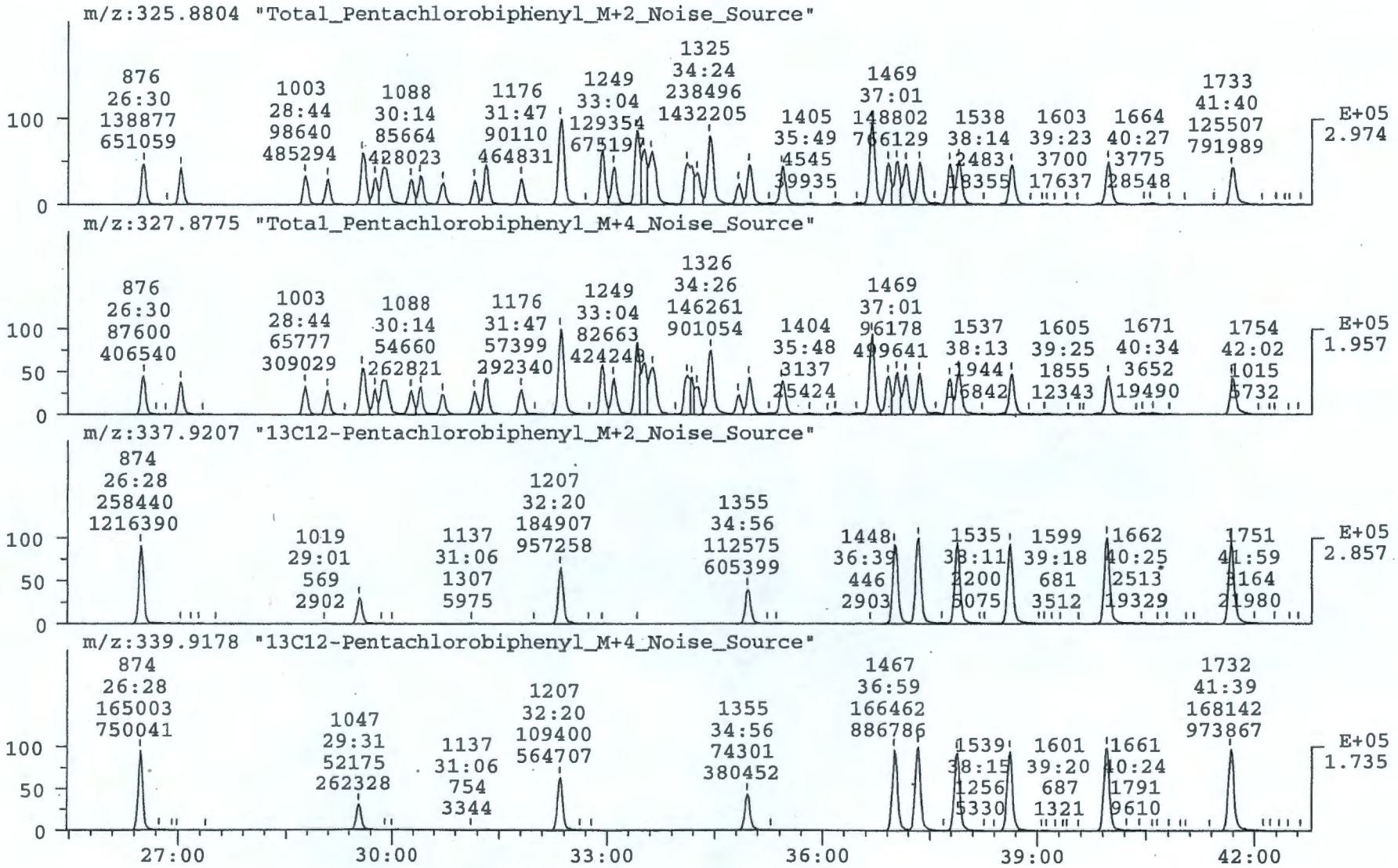


2421

```
CHRO:  a070928s1                                28-Sep-07  Elapse:  34:11      1312
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1247 > 1387          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070928s1 28-Sep-07 Elapse: 34:08 1309
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 817 > 1797 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



2423

```
CHRO:  a070928s1                                28-Sep-07  Elapse:  30:31      1104
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   801 > 1409           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
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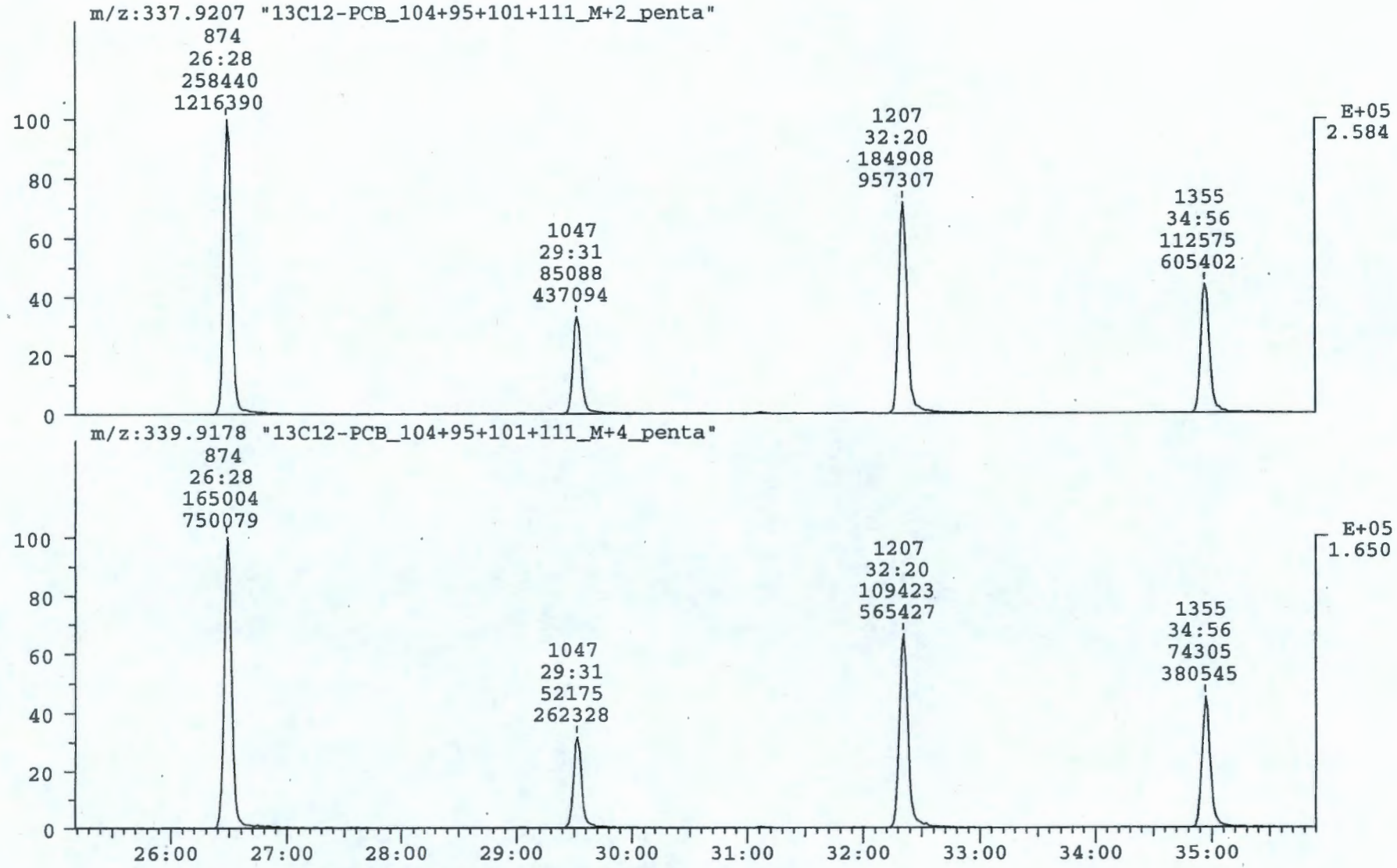
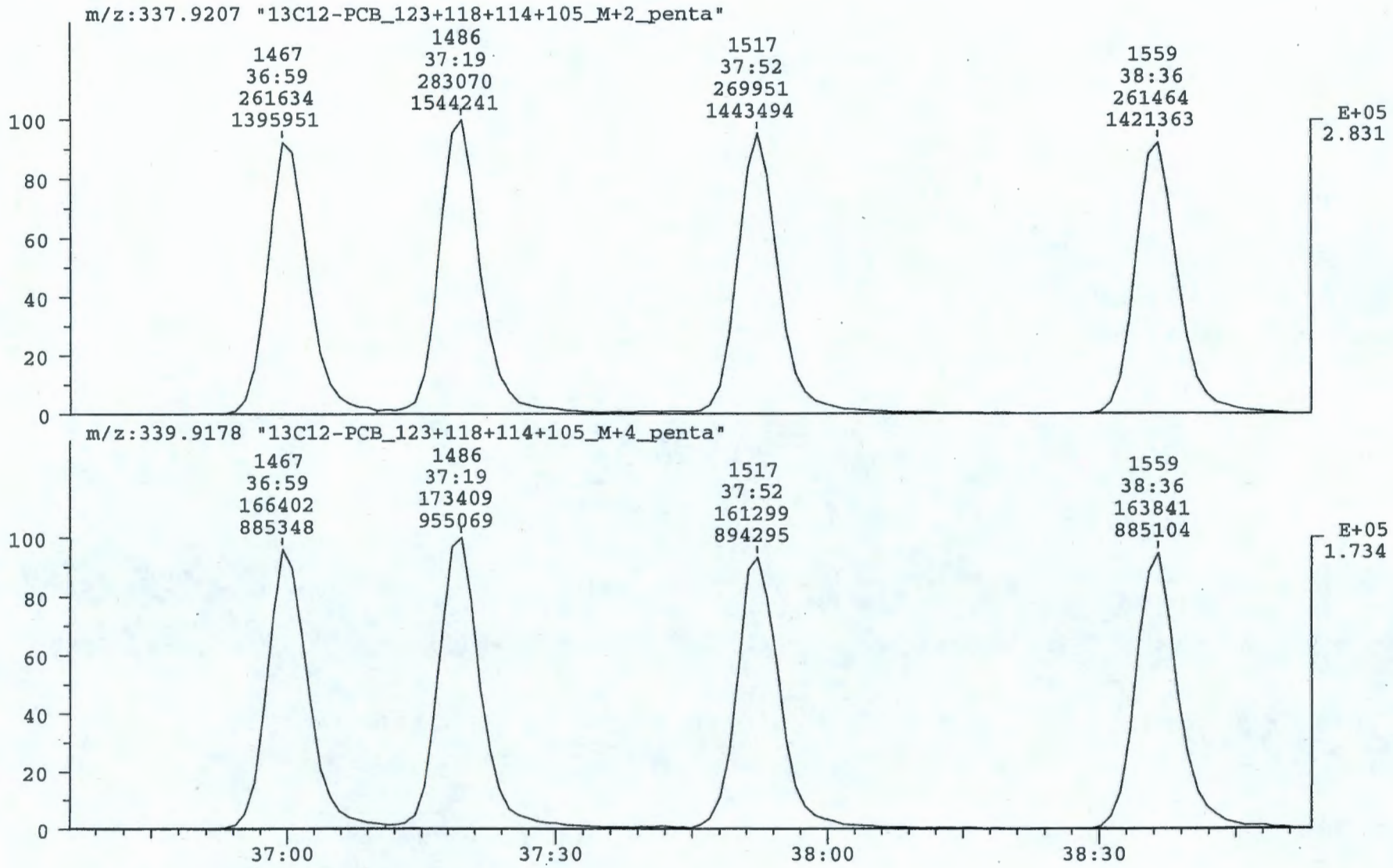
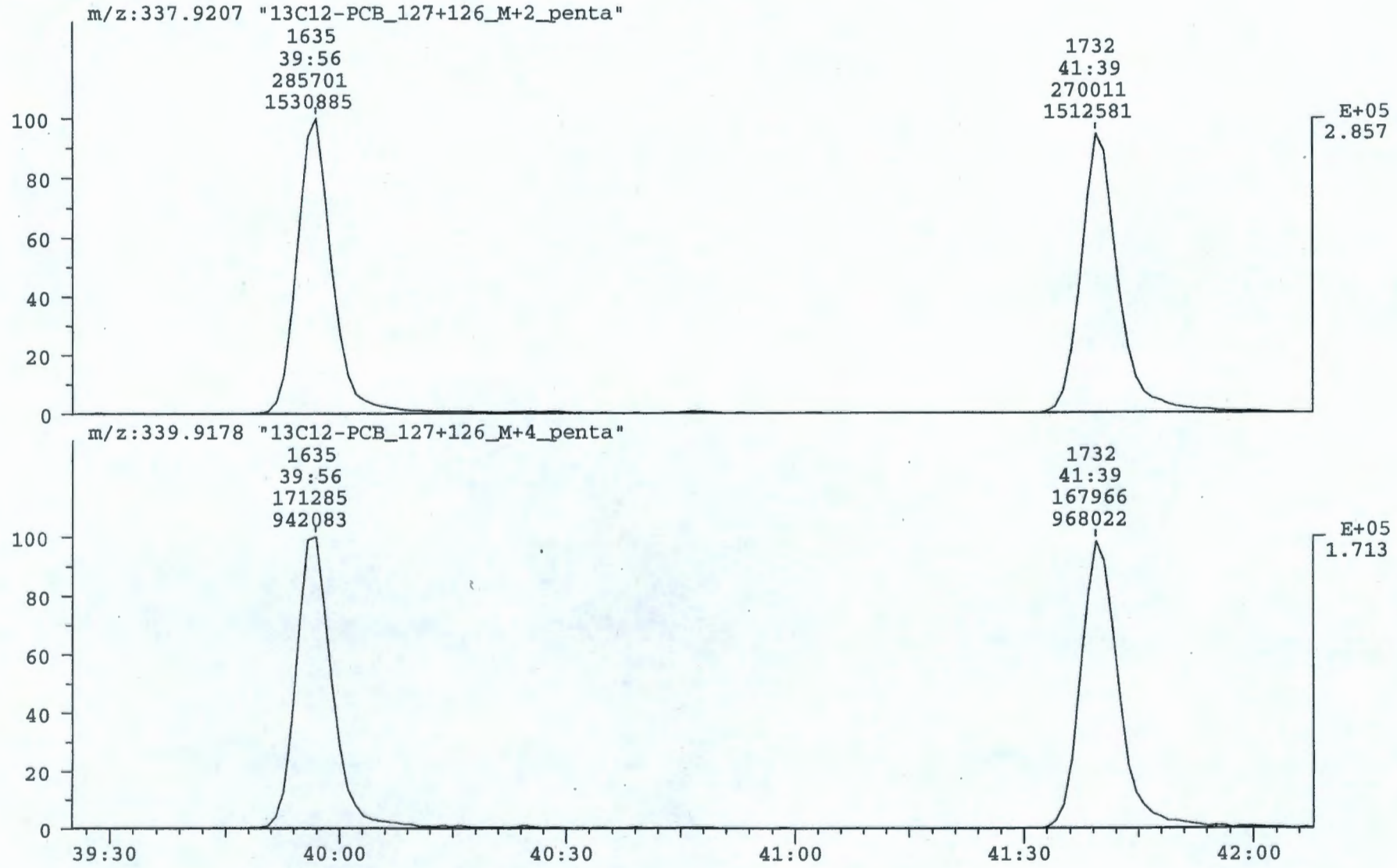


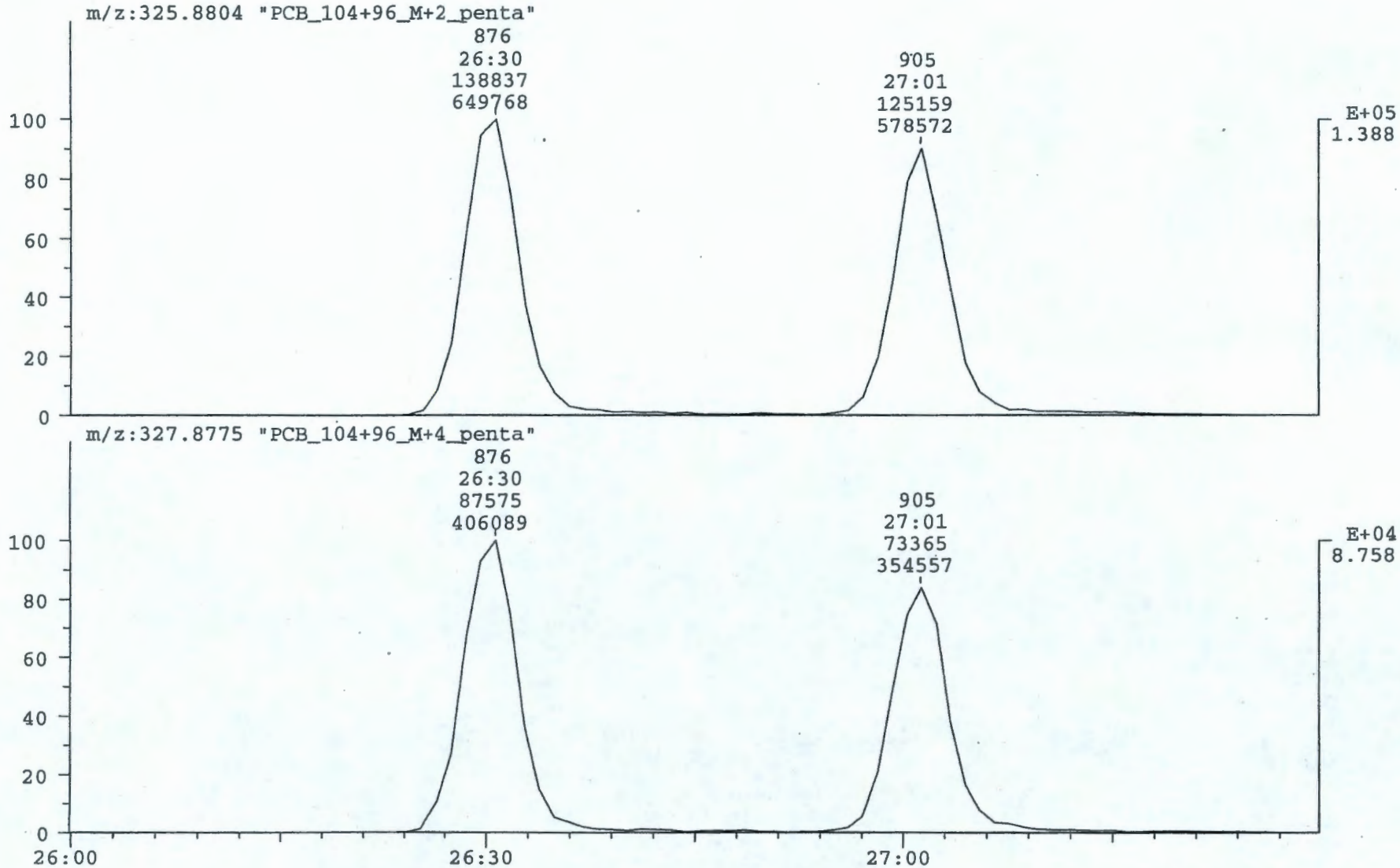
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  37:50      1515
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1445 > 1575          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



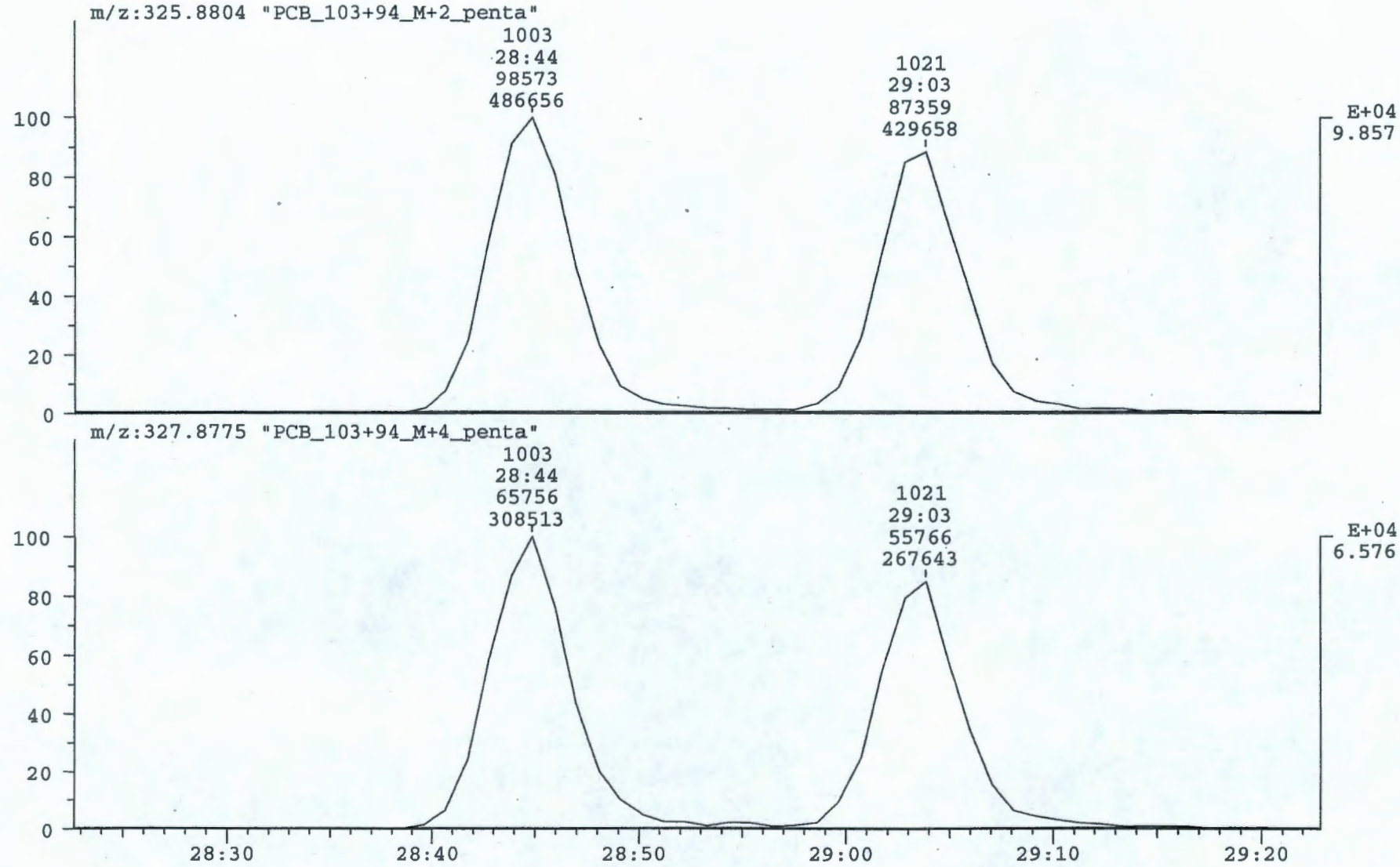
CHRO: a070928s1 28-Sep-07 Elapse: 40:49 1685
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1605 > 1759 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



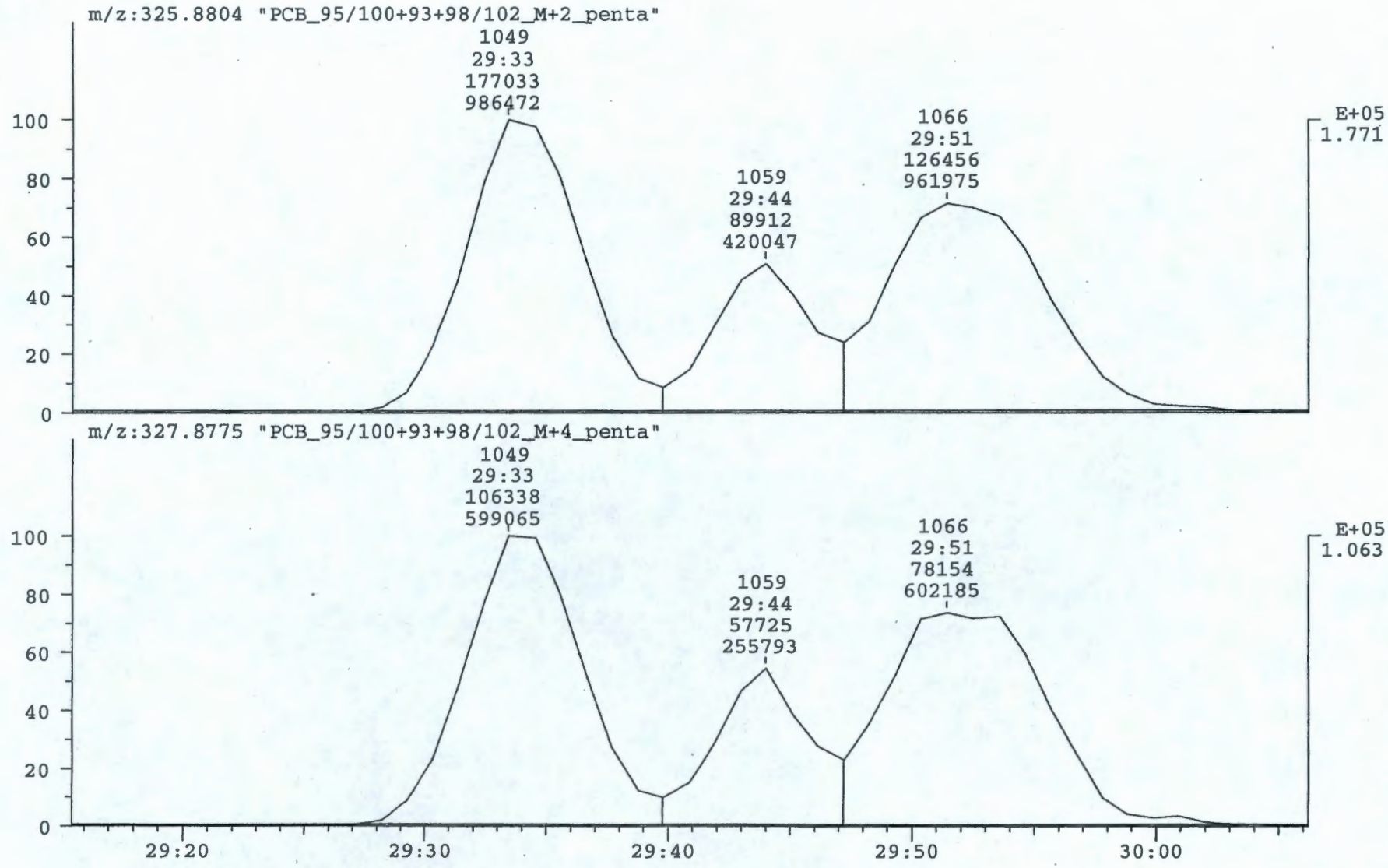
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  26:47.5     892
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   847 > 932            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



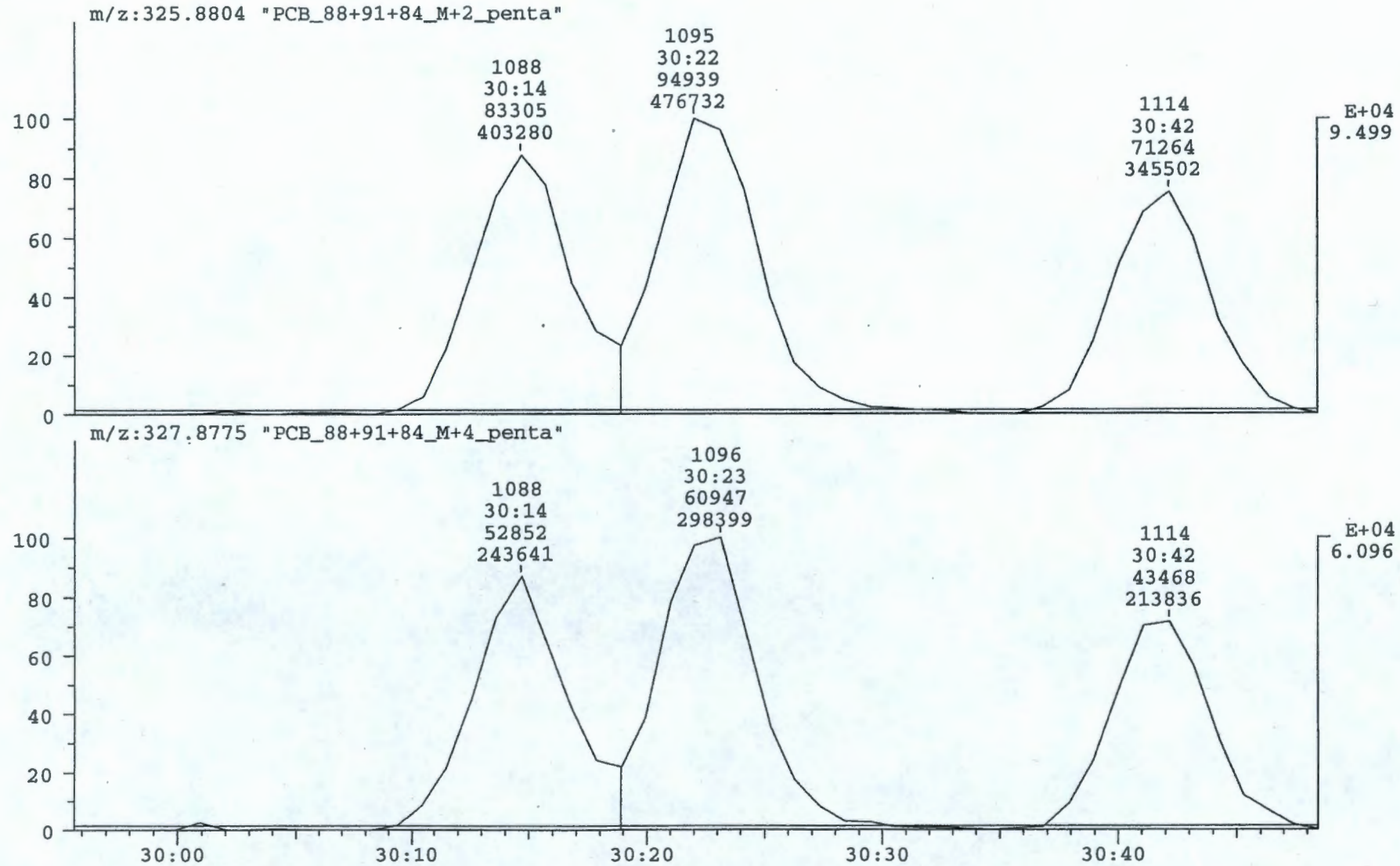
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  28:57      1015
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   982 > 1039           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



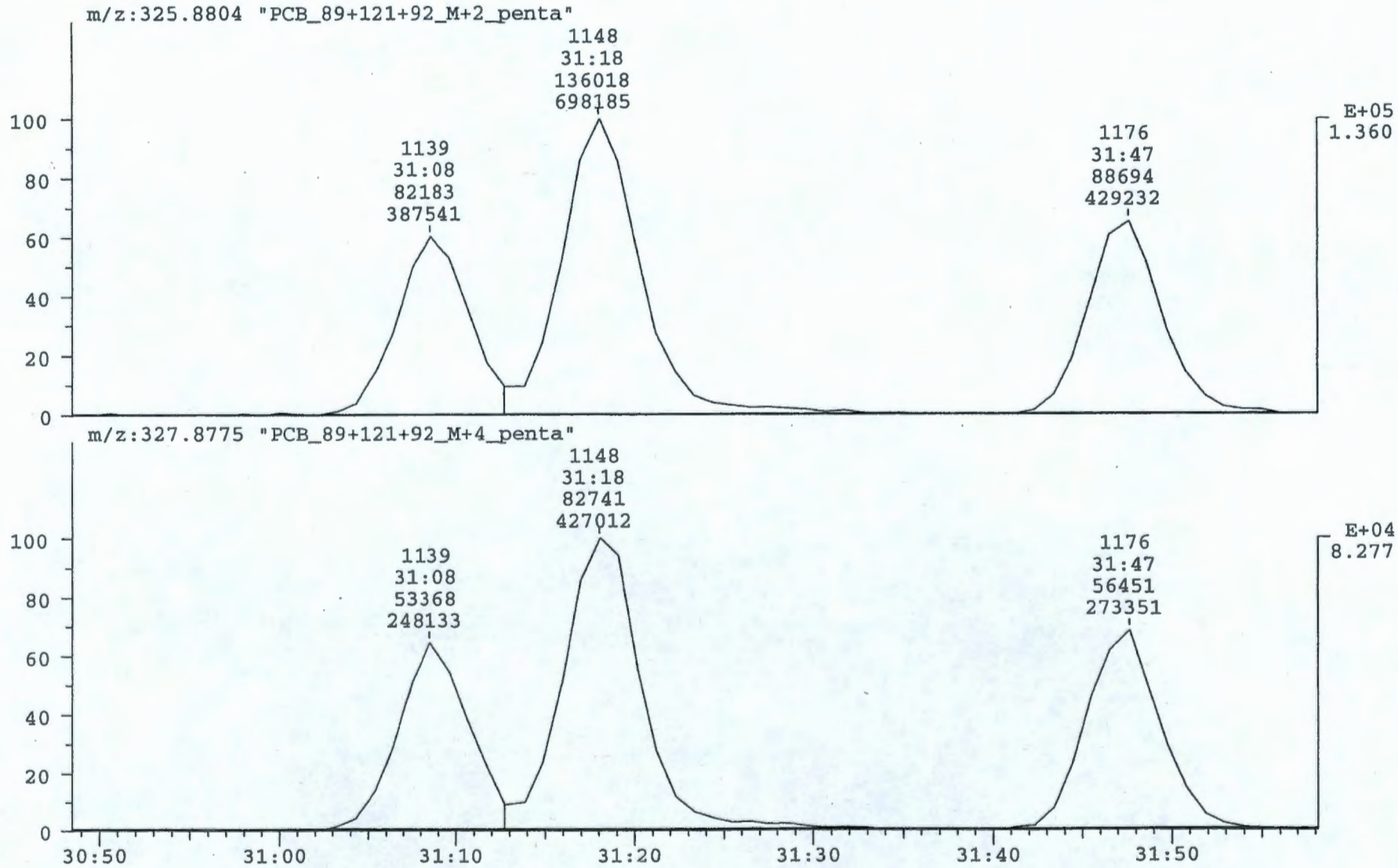
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  29:44      1059
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1032 > 1080          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4               Label :  -3, 3.0
Disp:  Height  Area
```



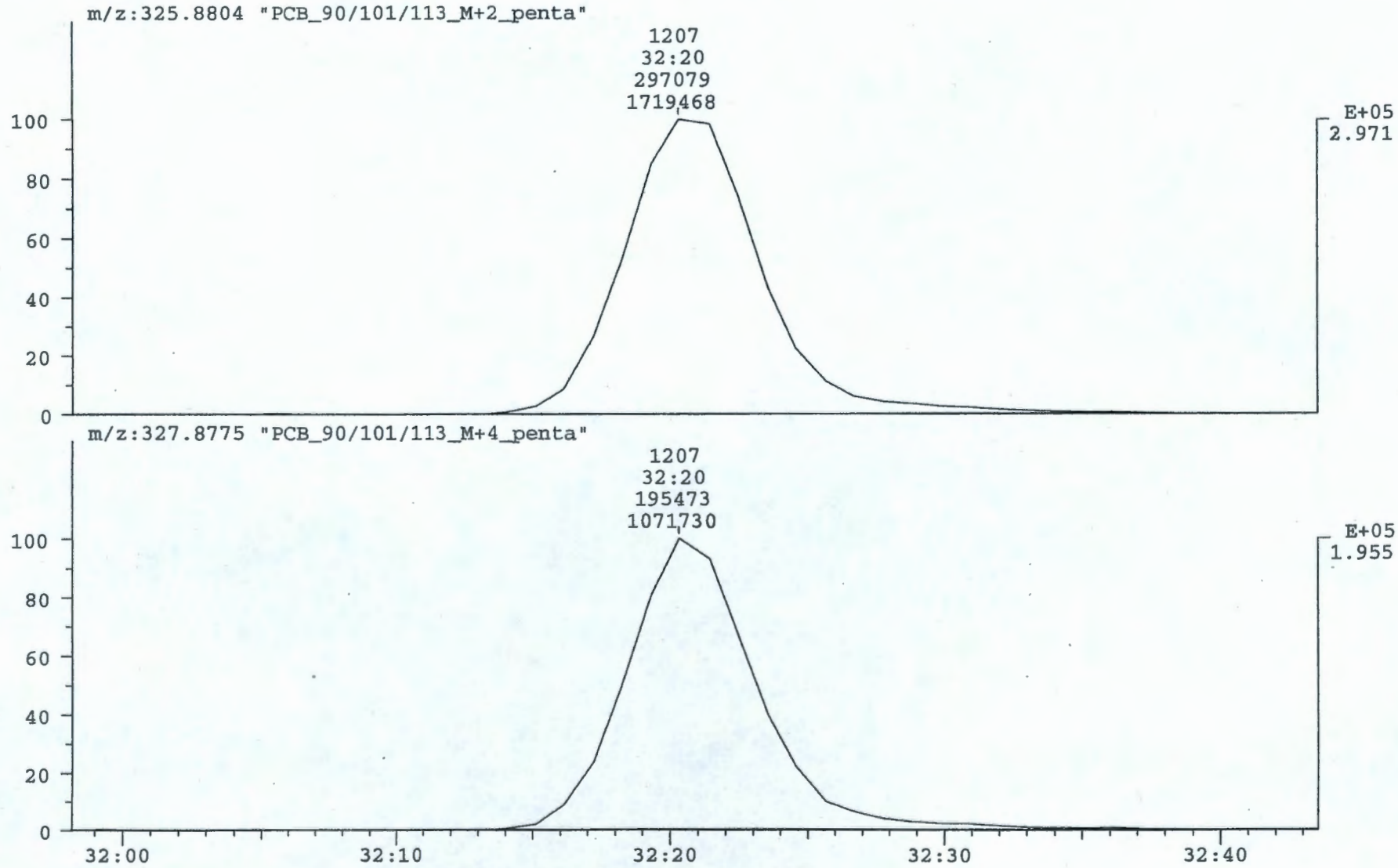
CHRO: a070928s1 28-Sep-07 Elapse: 30:30 1103
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1070 > 1120 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



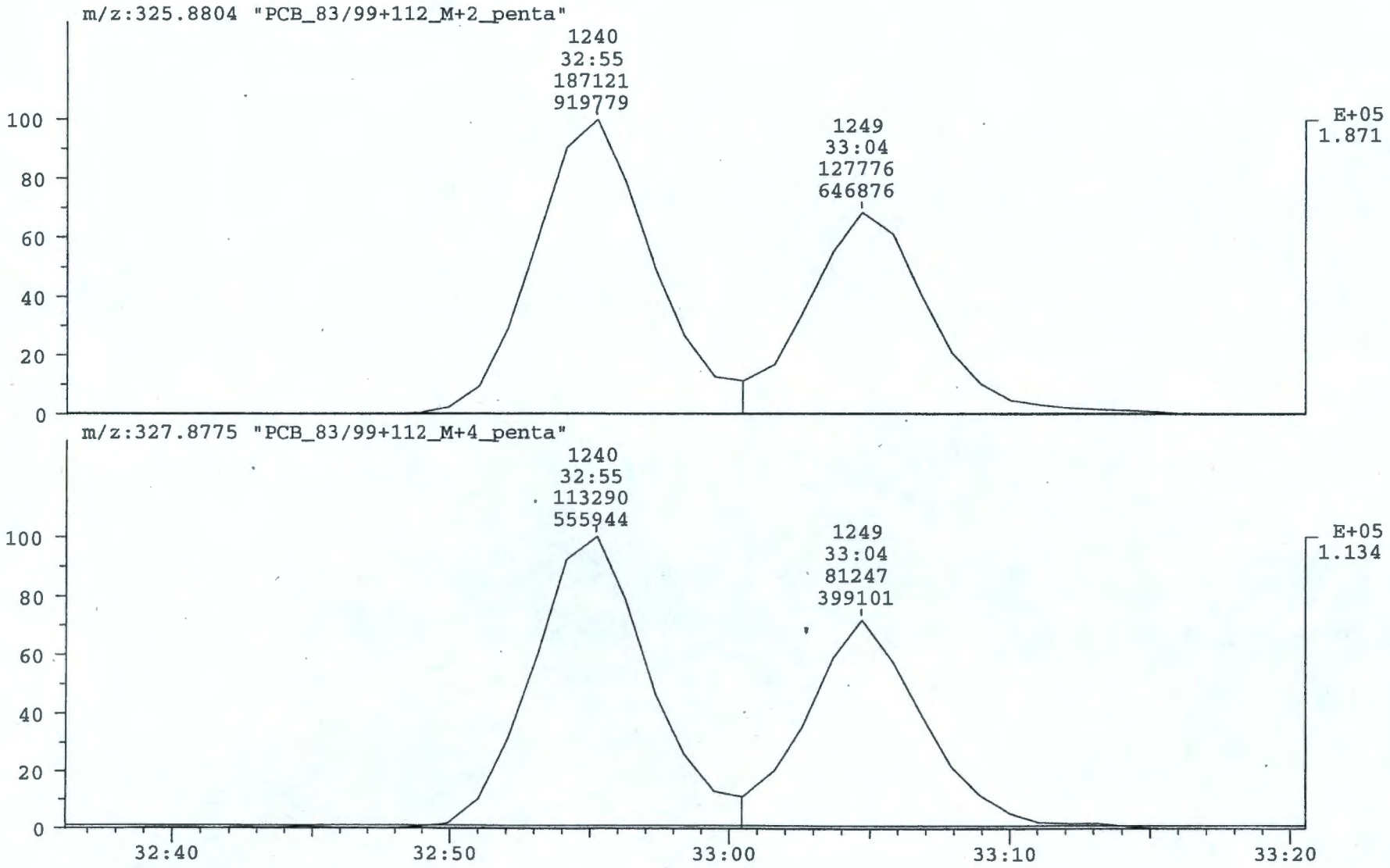
CHRO: a070928s1 28-Sep-07 Elapse: 31:30 1160
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1120 > 1186 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



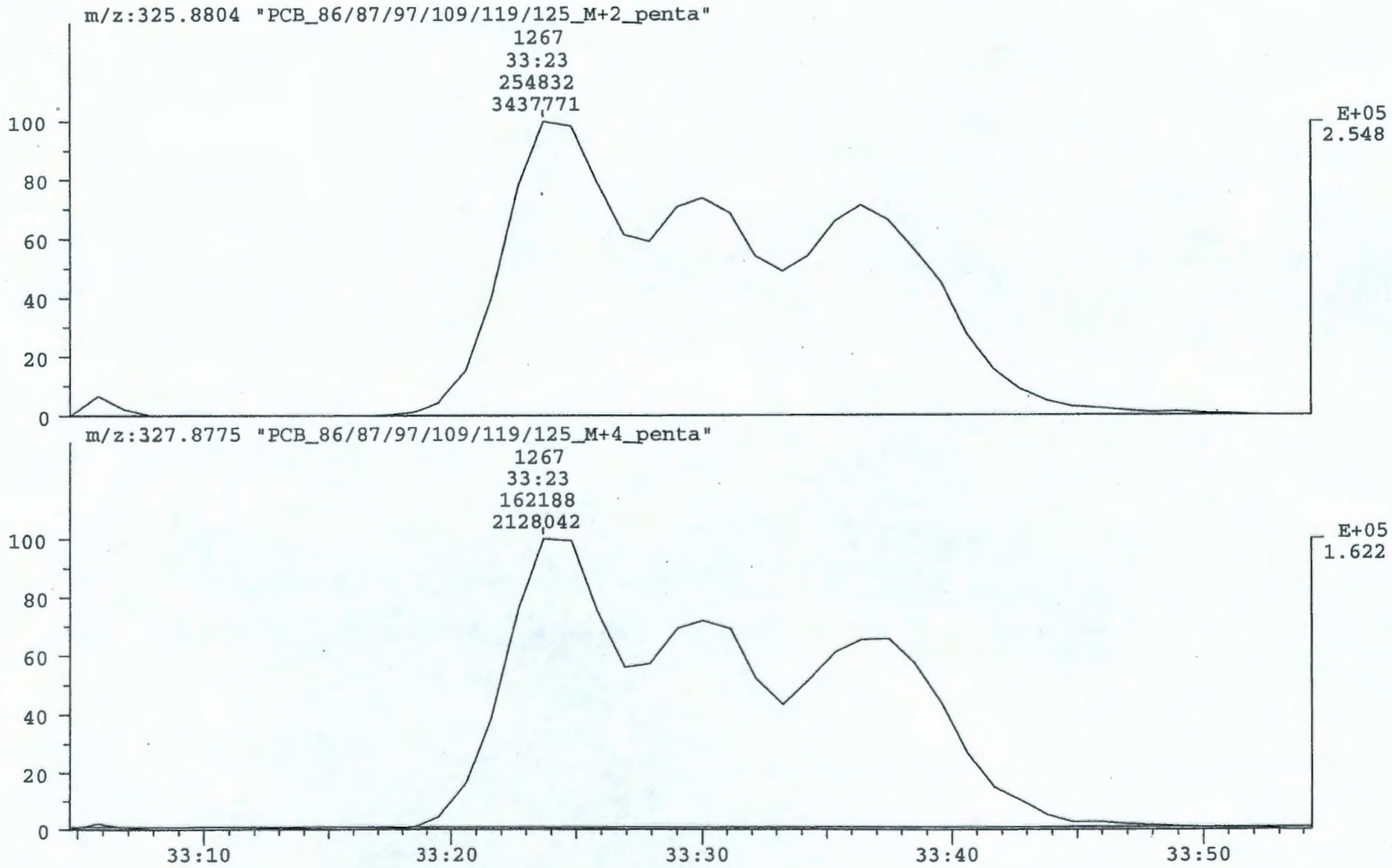
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  32:22      1209
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville                  Inlet :  GC     Vial  1
Peak:  100.00  ppm     Label wndw:   1186 > 1229           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



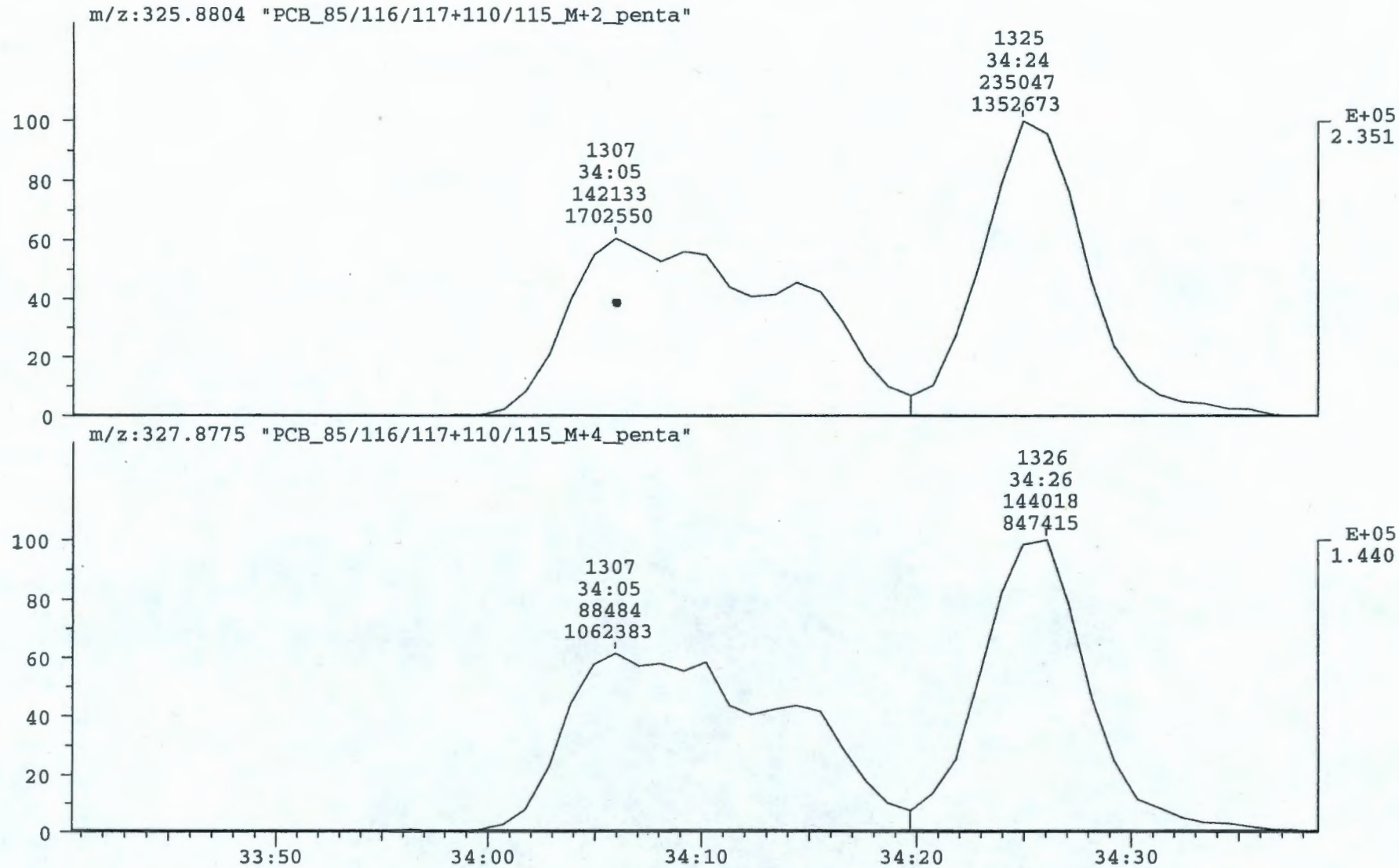
```
CHRO:  a070928s1                          28-Sep-07  Elapse:  33:02      1247
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1              Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                     Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville            Inlet :  GC     Vial  1
Peak:  100.00  ppm     Label wndw:   1222 > 1264     Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3          Label :  -3, 3.0
Disp:  Height  Area
```



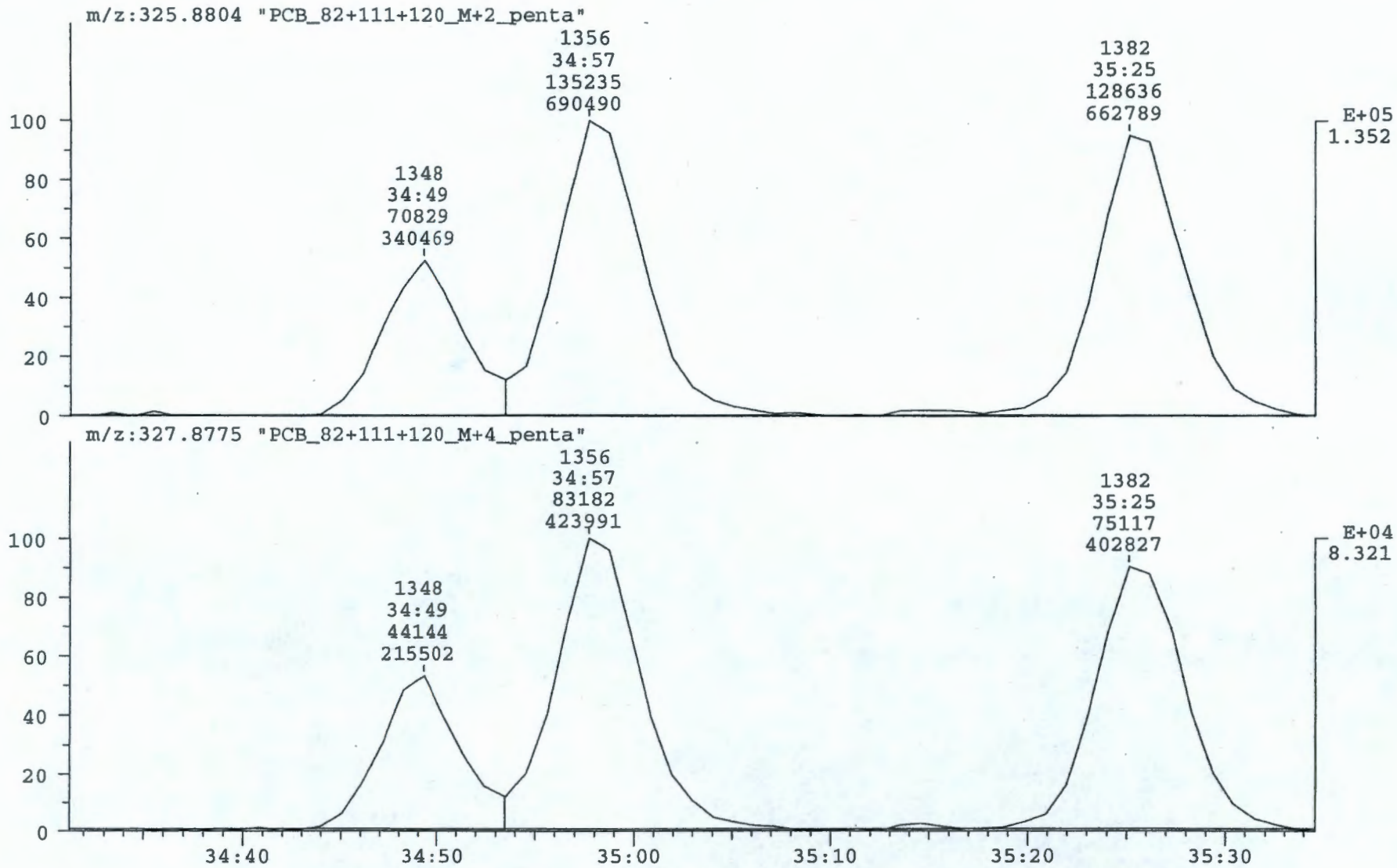
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  33:36      1279
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1249 > 1296          Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 12             Label :  -3, 3.0
Disp:  Height  Area
```



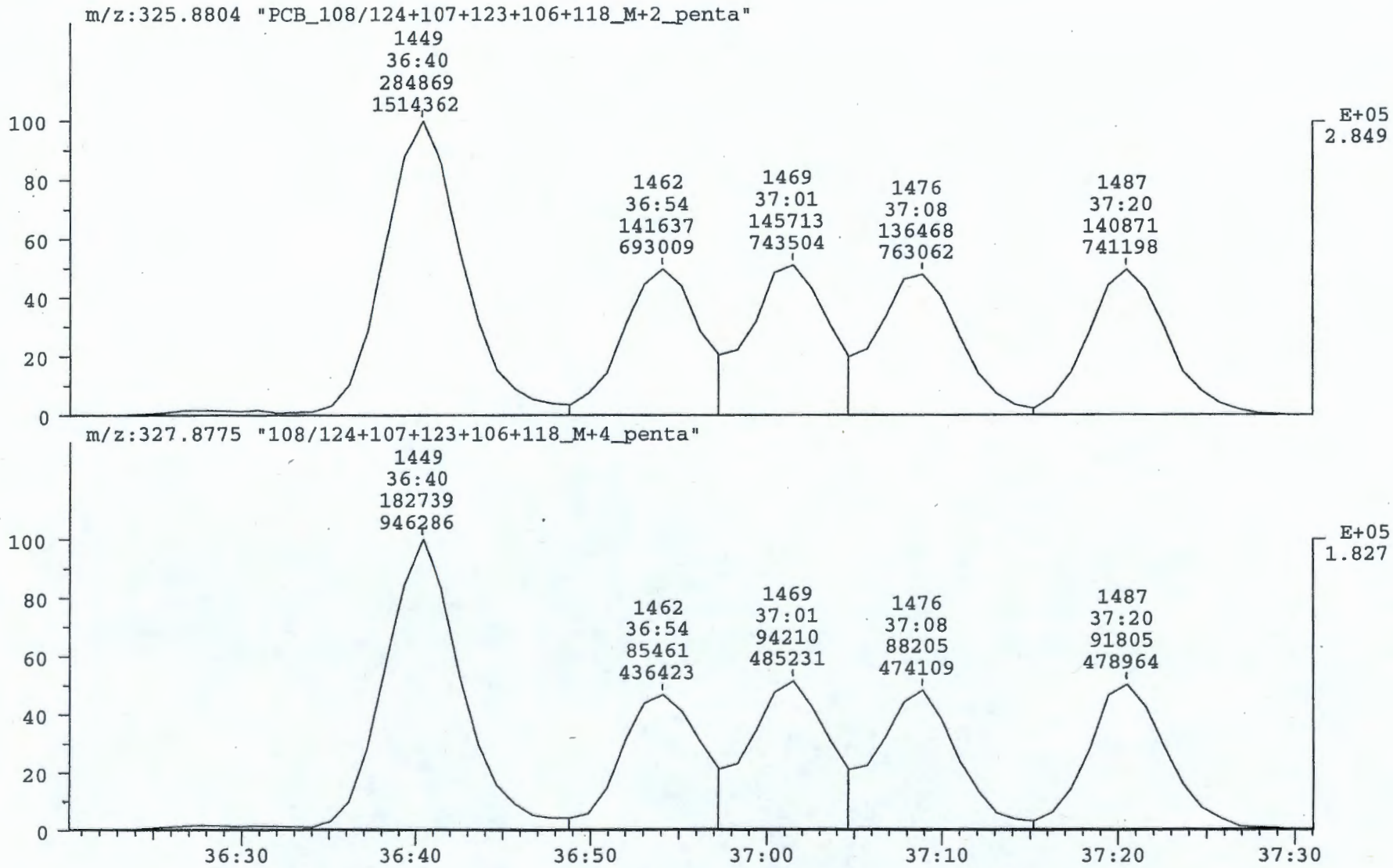
CHRO: a070928s1 28-Sep-07 Elapse: 34:22 1323
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1283 > 1338 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 6 Label : -3, 3.0
Disp: Height Area



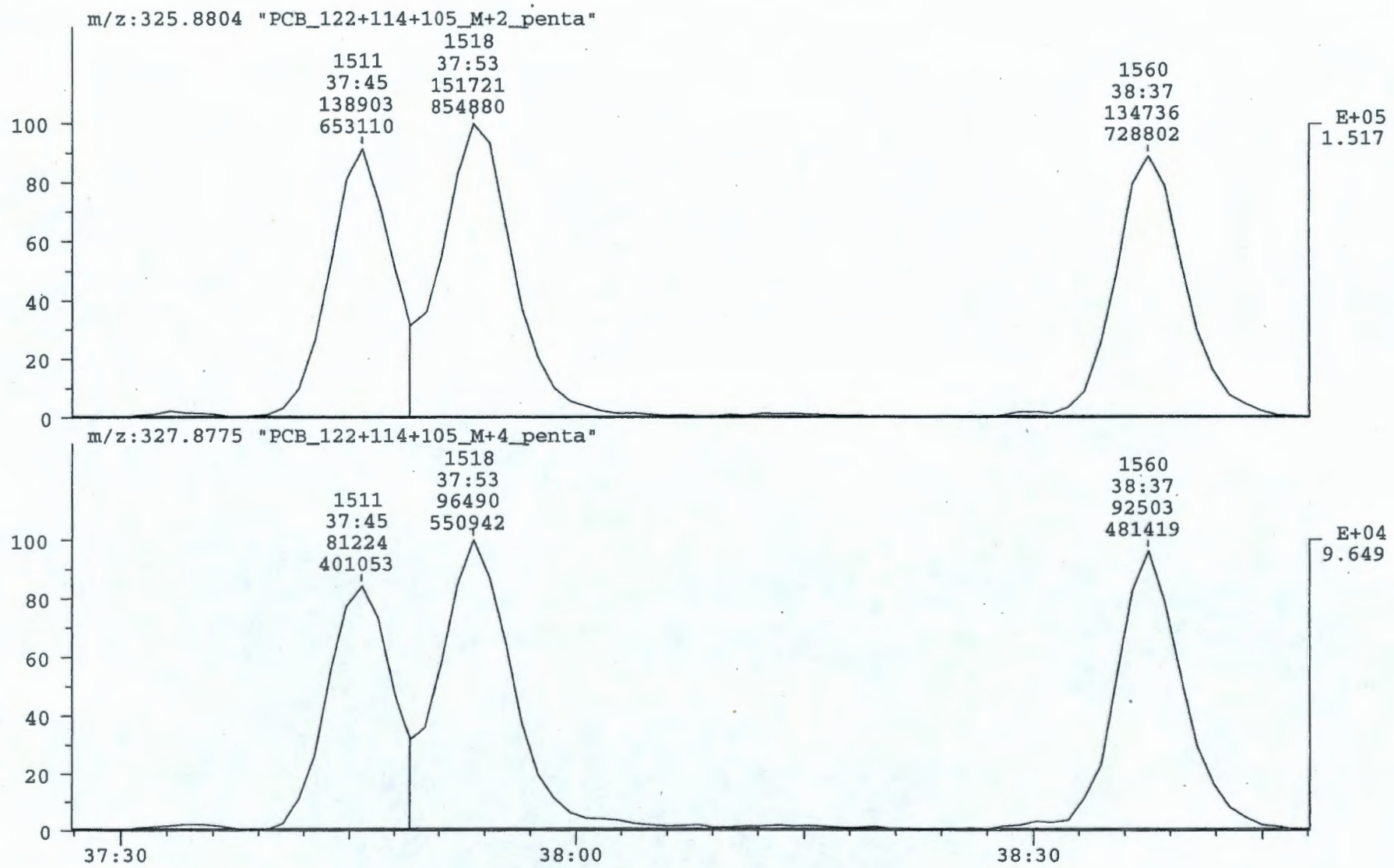
CHRO: a070928s1 28-Sep-07 Elapse: 34:52 1351
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1331 > 1391 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



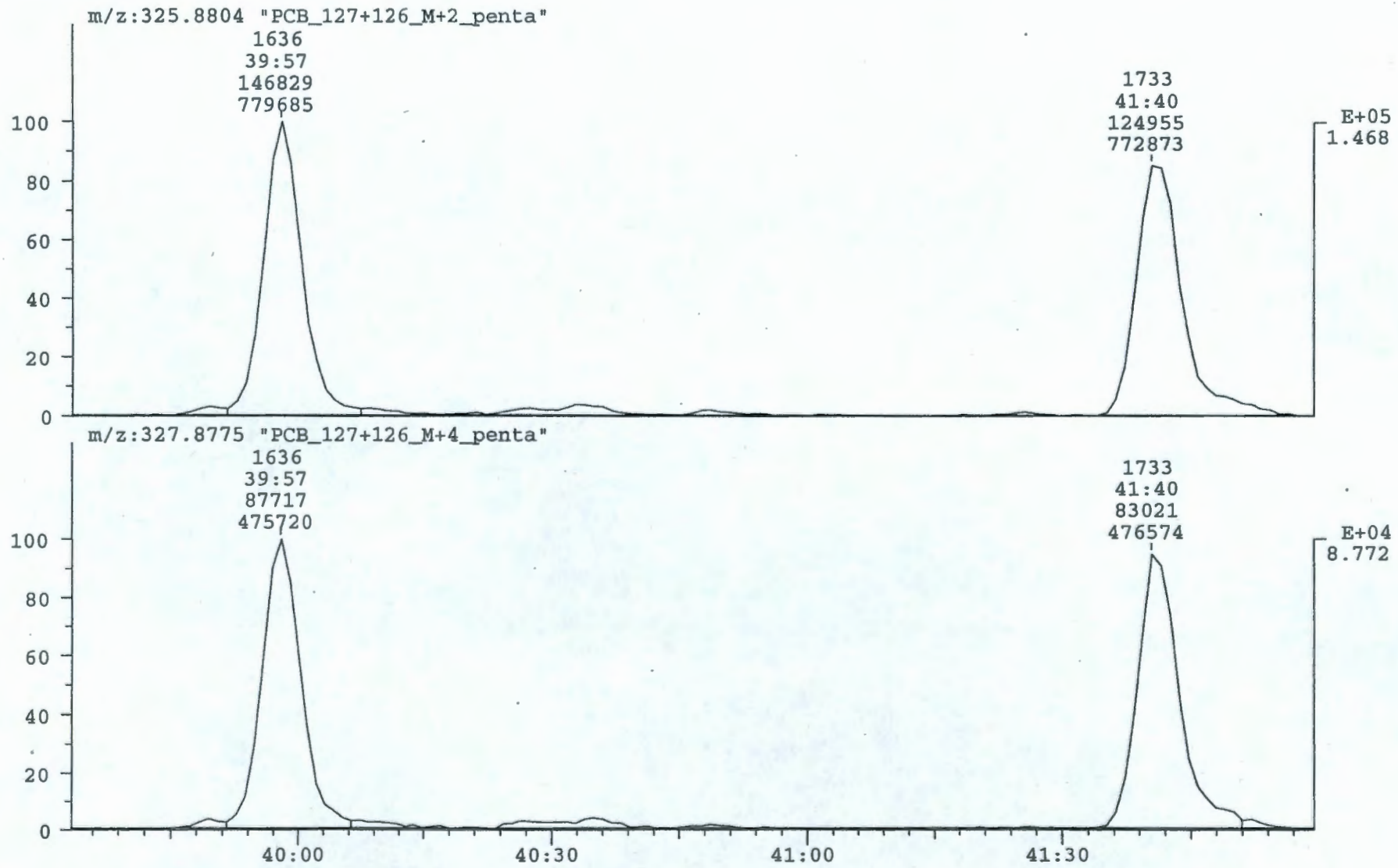
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  37:07      1475
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1430 > 1497          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



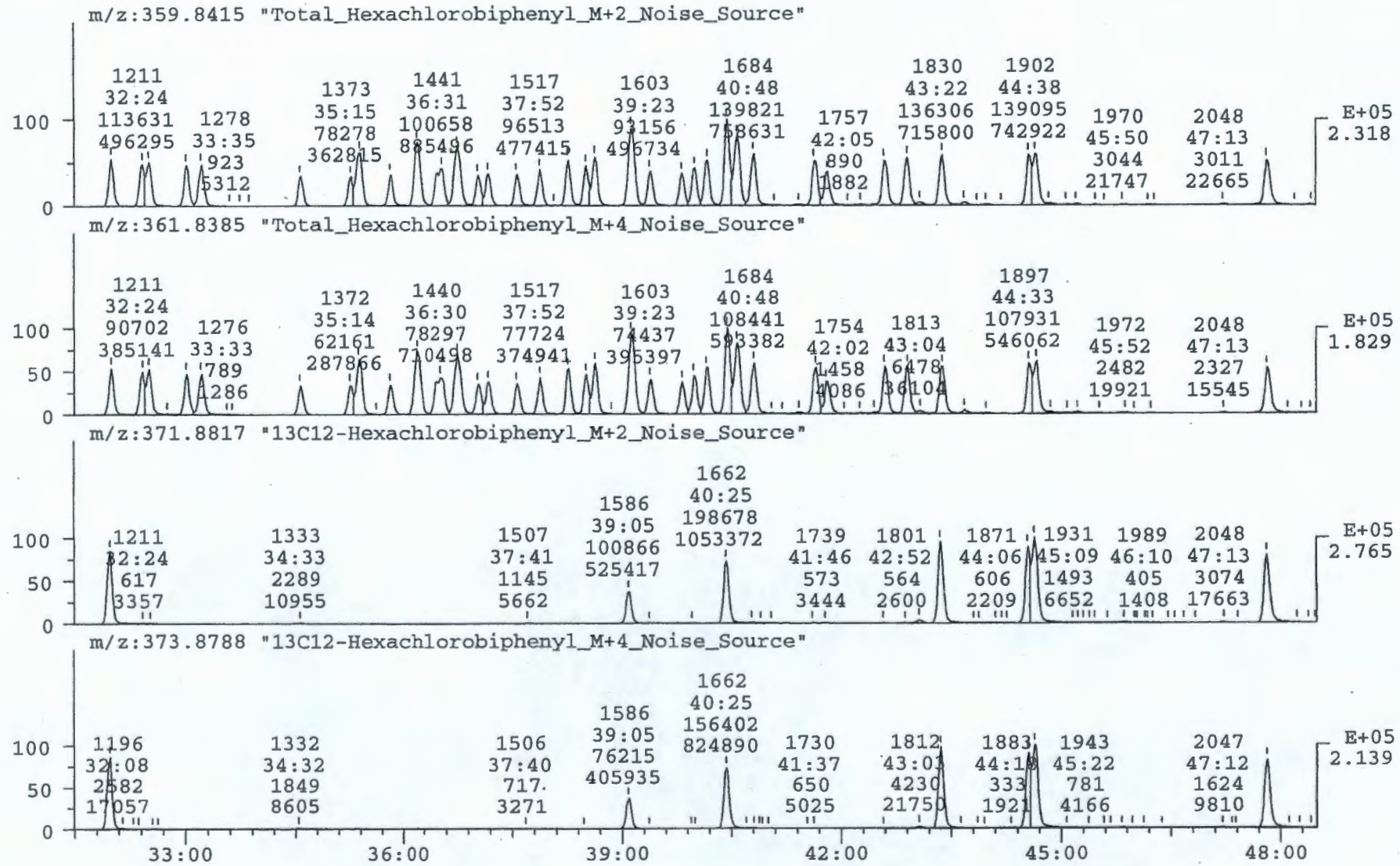
CHRO: a070928s1 28-Sep-07 Elapse: 38:14 1538
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1493 > 1570 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



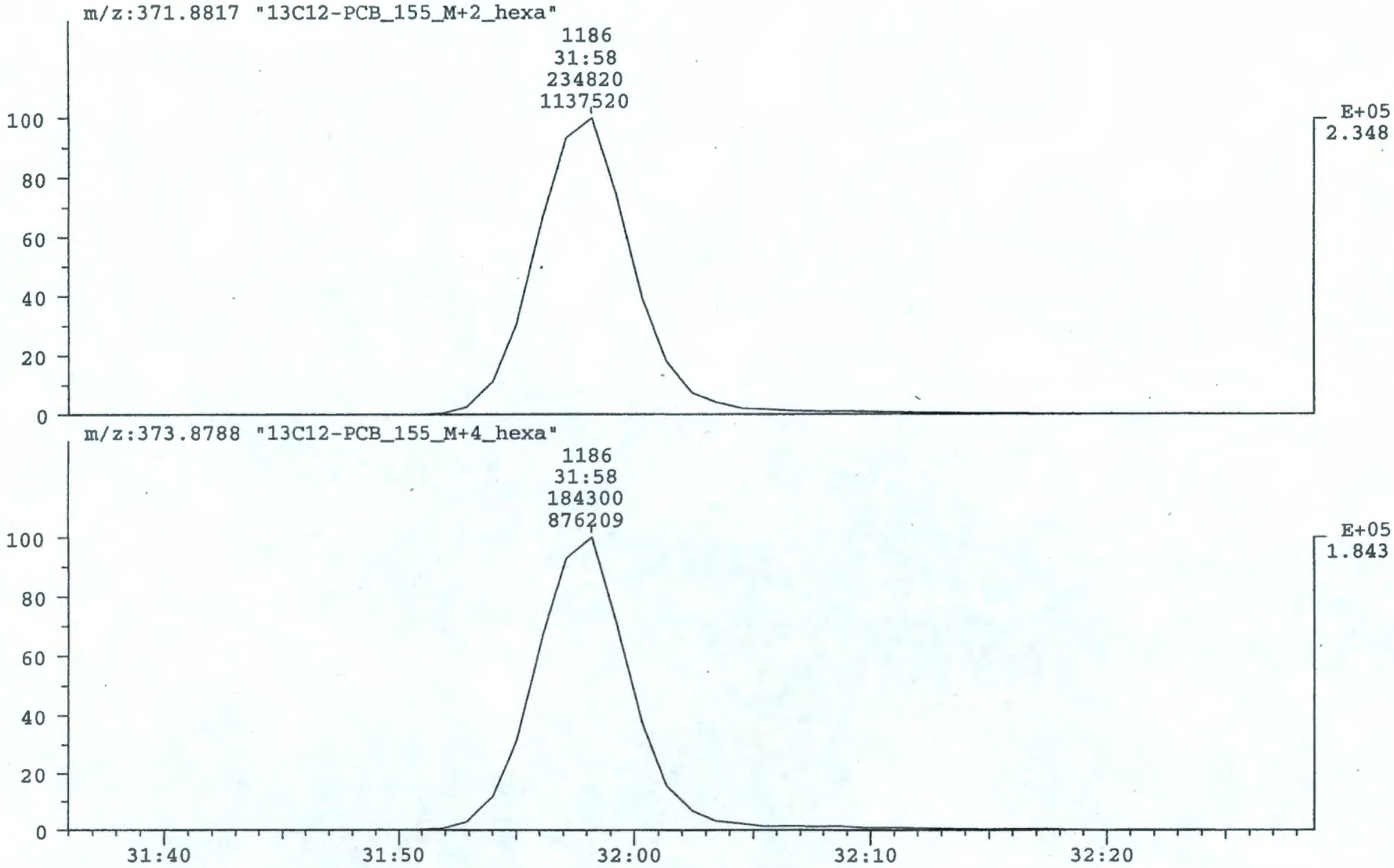
```
CHRO:  a070928s1                              28-Sep-07  Elapse:  40:52      1688
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                  Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                         Study :  1668 Ver
Oper:  DCG           Client:  TA Knoxville               Inlet :  GC     Vial  1
Peak:  100.00  ppm     Label wndw:   1613 > 1751         Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```



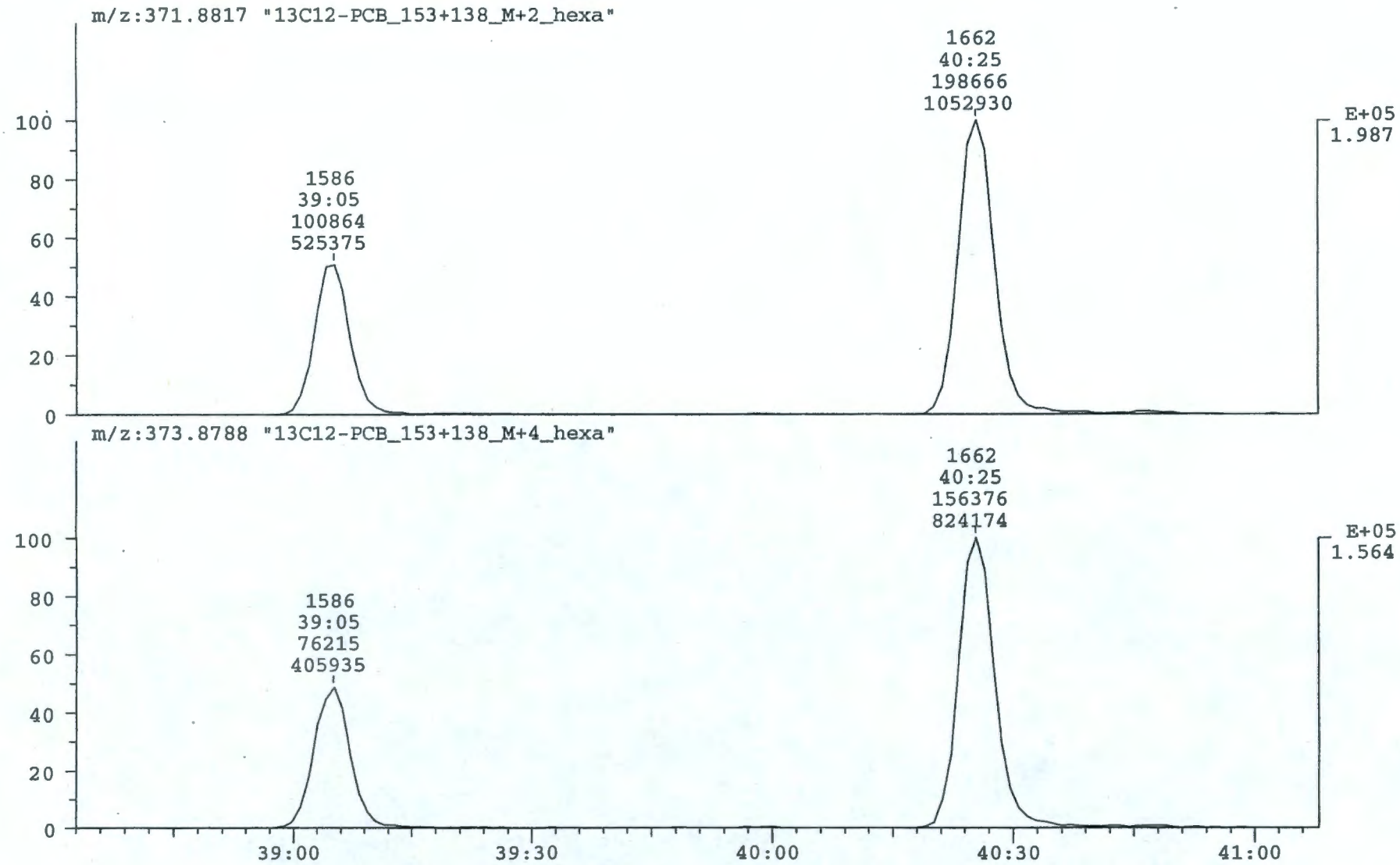
CHRO: a070928s1 28-Sep-07 Elapse: 39:58 1637
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1158 > 2121 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070928s1                              28-Sep-07   Elapse:  32:02      1190
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                   Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville                 Inlet :  GC     Vial  1
Peak:  100.00  ppm     Label wndw:   1165 > 1215          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

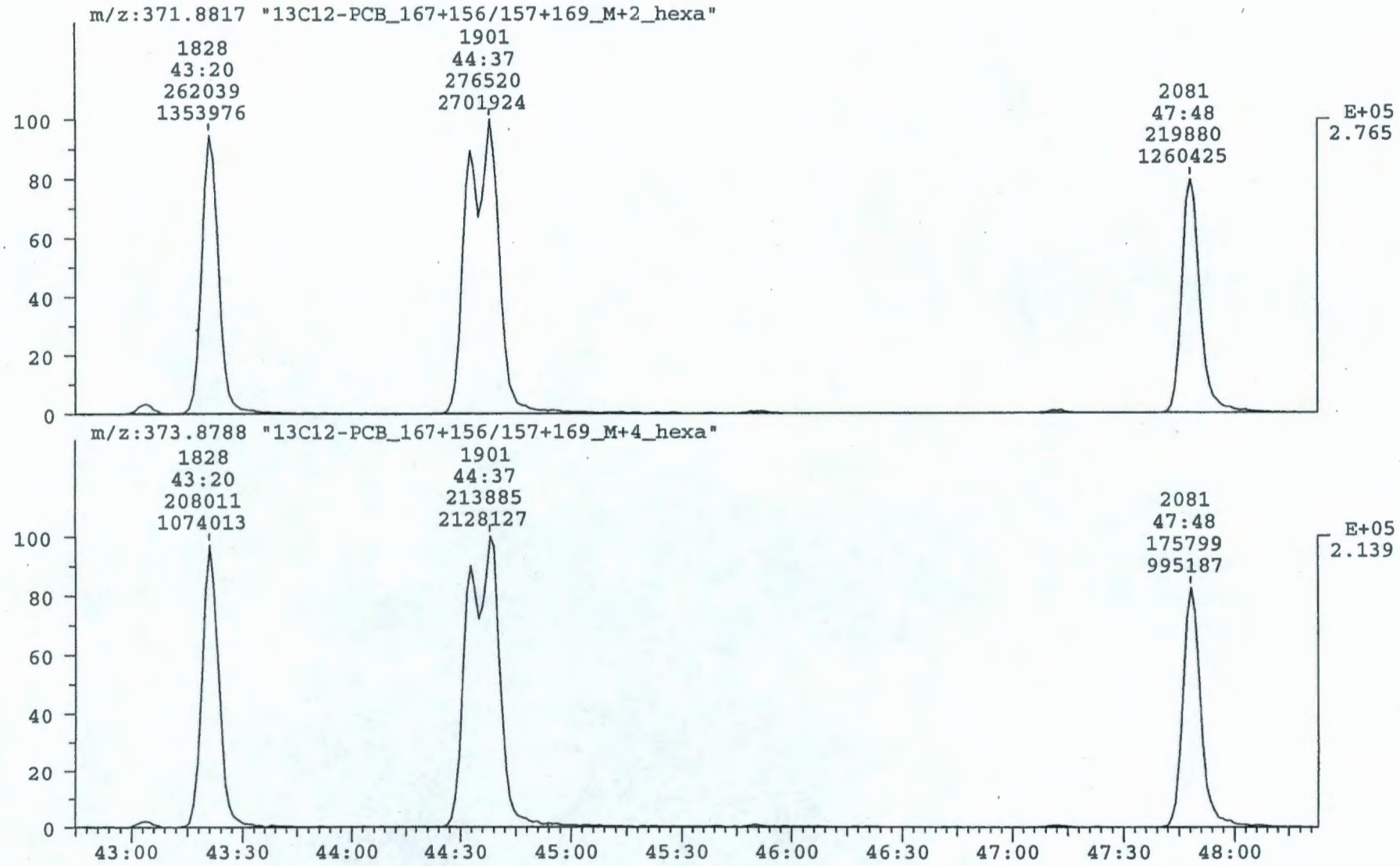


```
CHRO:  a070928s1                                28-Sep-07  Elapse:  39:50      1629
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1556 > 1702          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

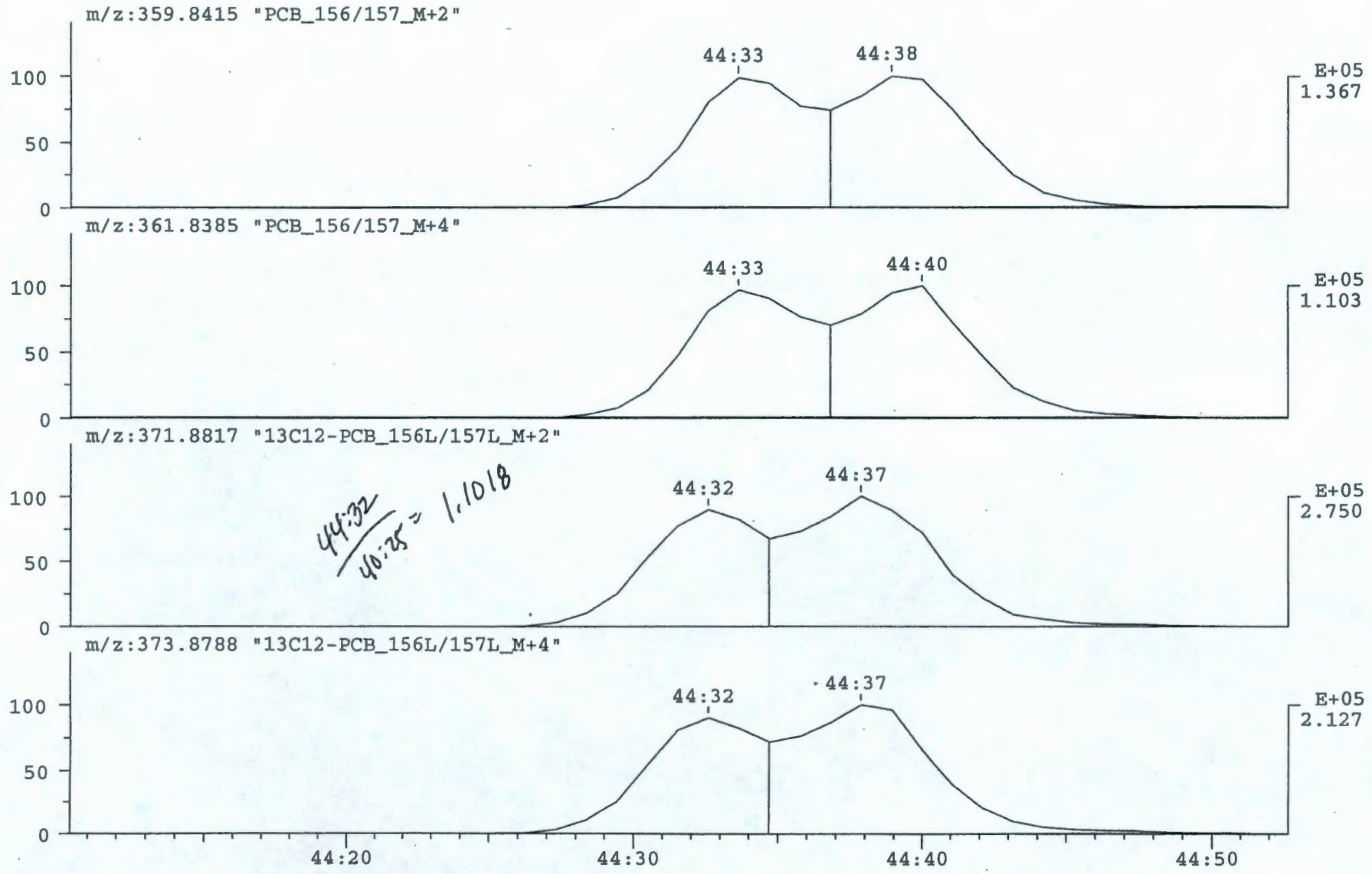


2442

CHRO: a070928s1 28-Sep-07 Elapse: 45:39 1959
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1794 > 2114 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 9 Label : -3, 3.0
Disp: Height Area

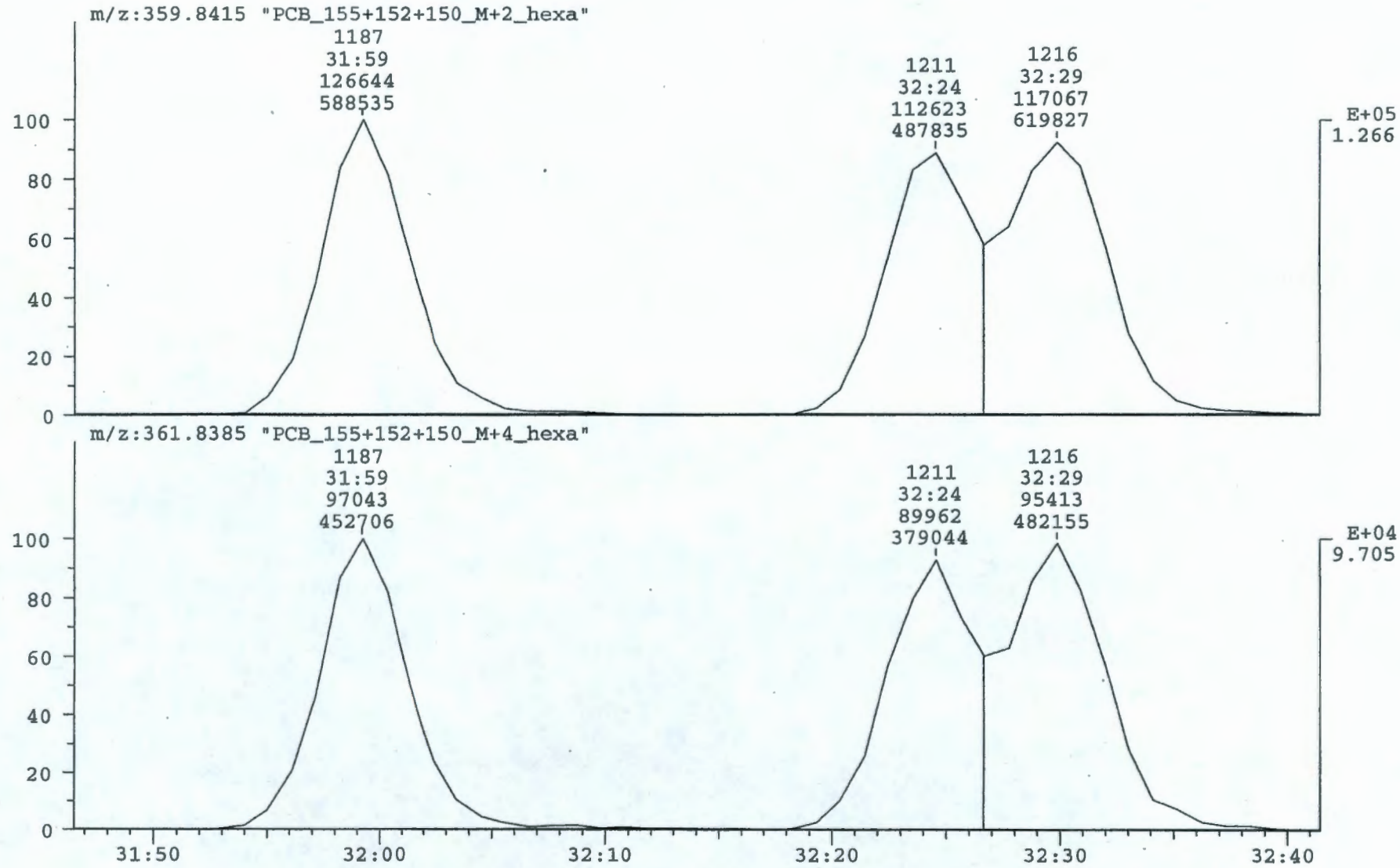


CHRO: a070928s1 28-Sep-07 Elapse: 44:42 1905
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1875 > 1915 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0

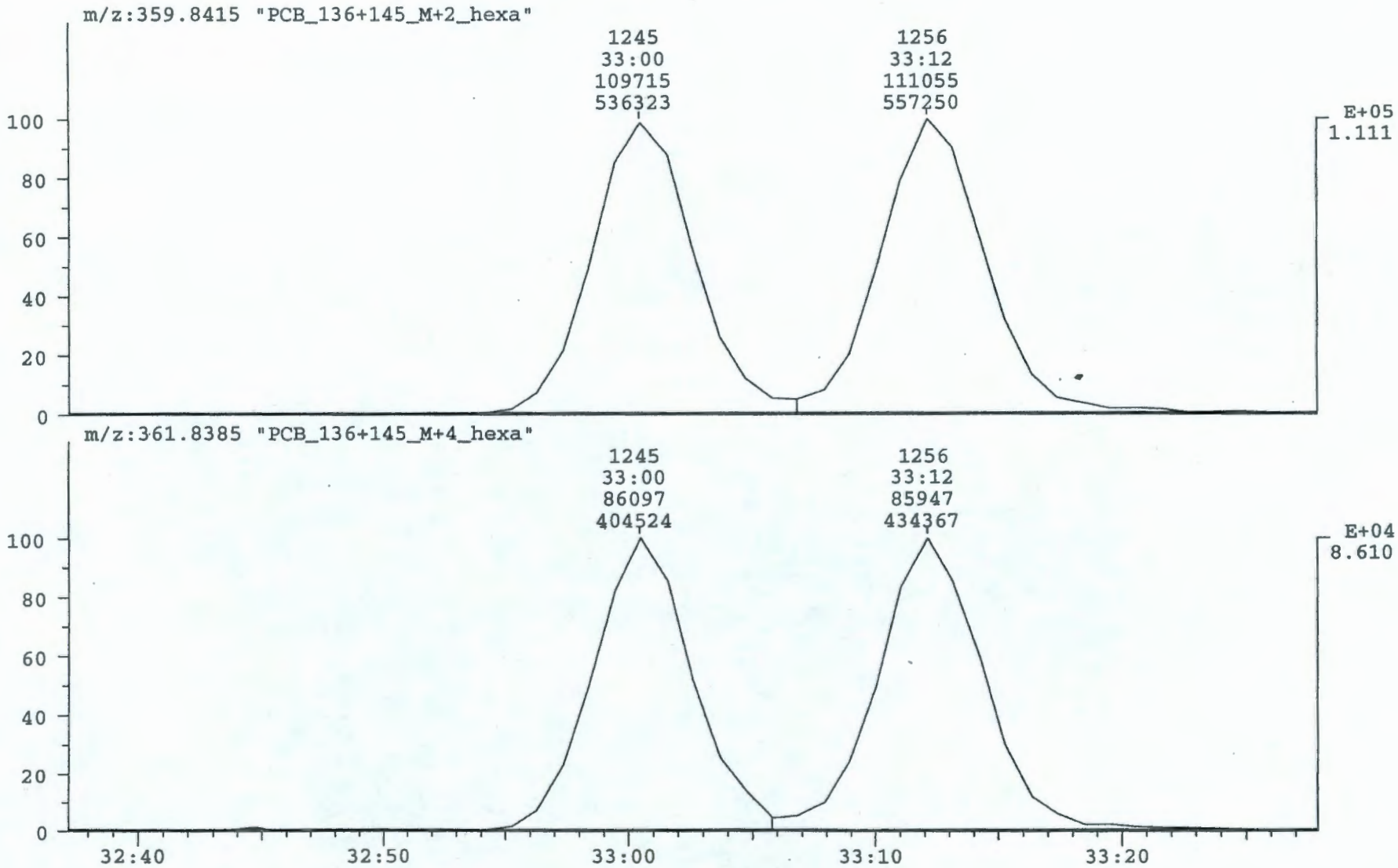


2444

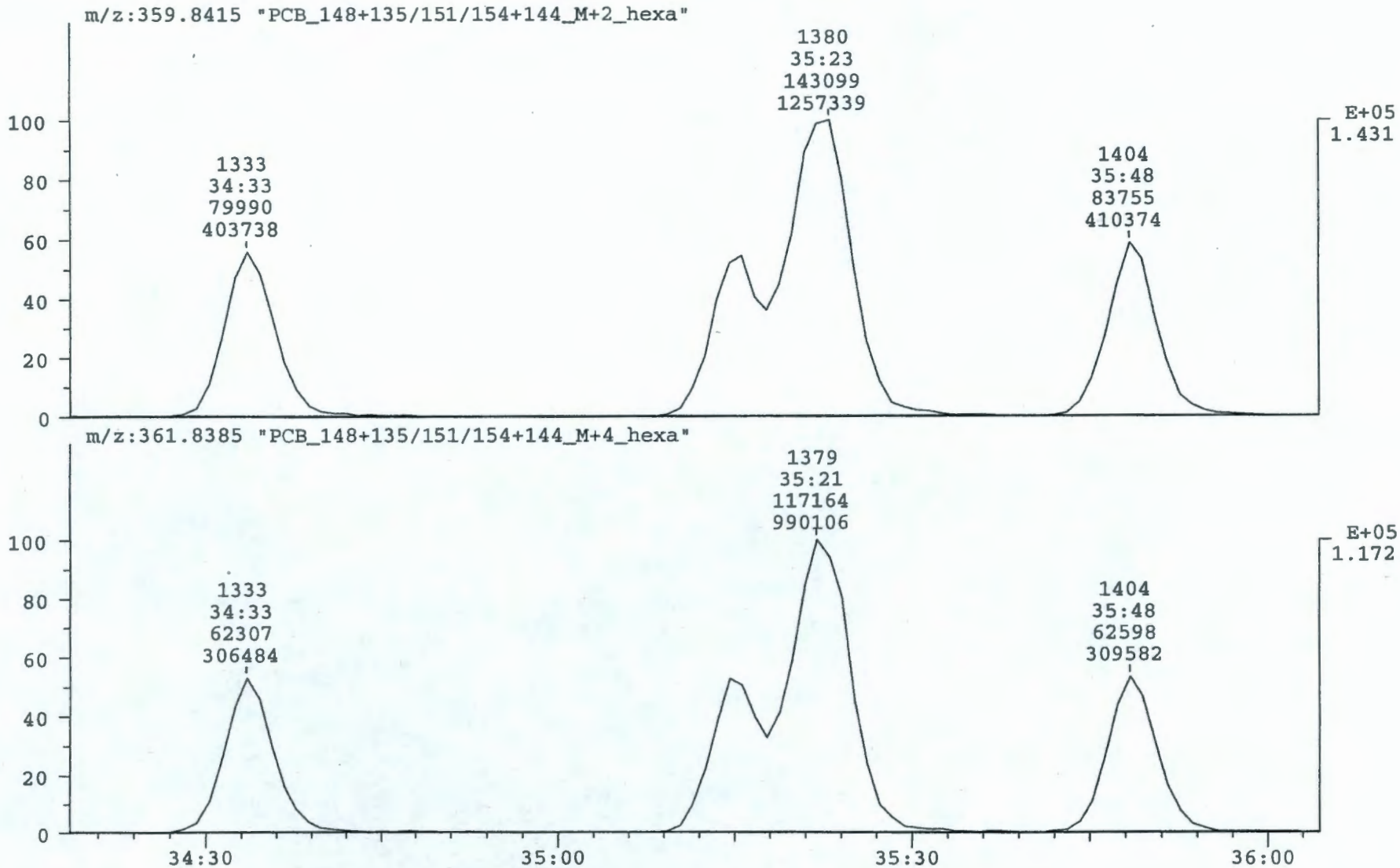
CHRO: a070928s1 28-Sep-07 Elapse: 32:20 1207
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1175 > 1227 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



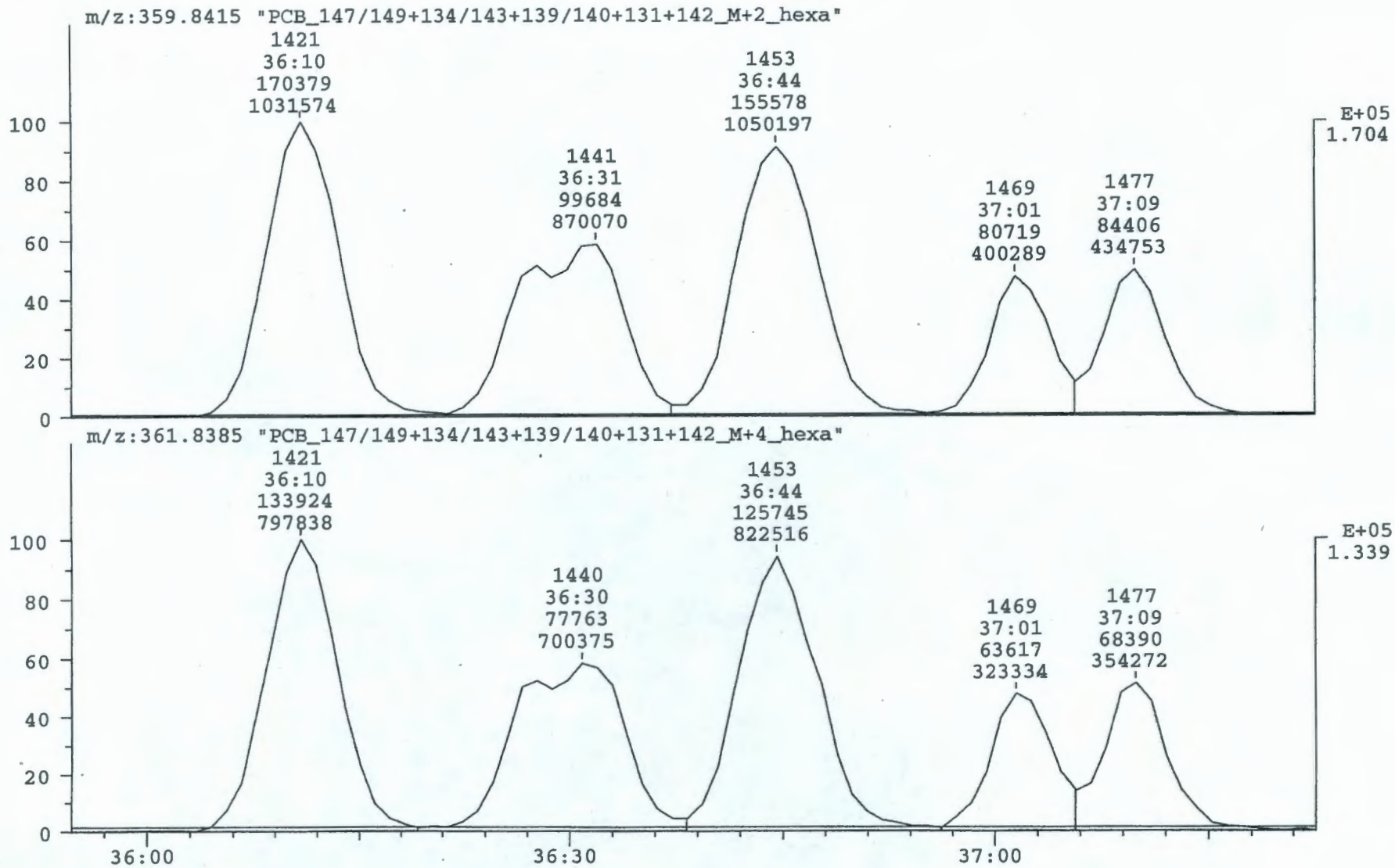
CHRO: a070928s1 28-Sep-07 Elapse: 33:08 1253
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1223 > 1271 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



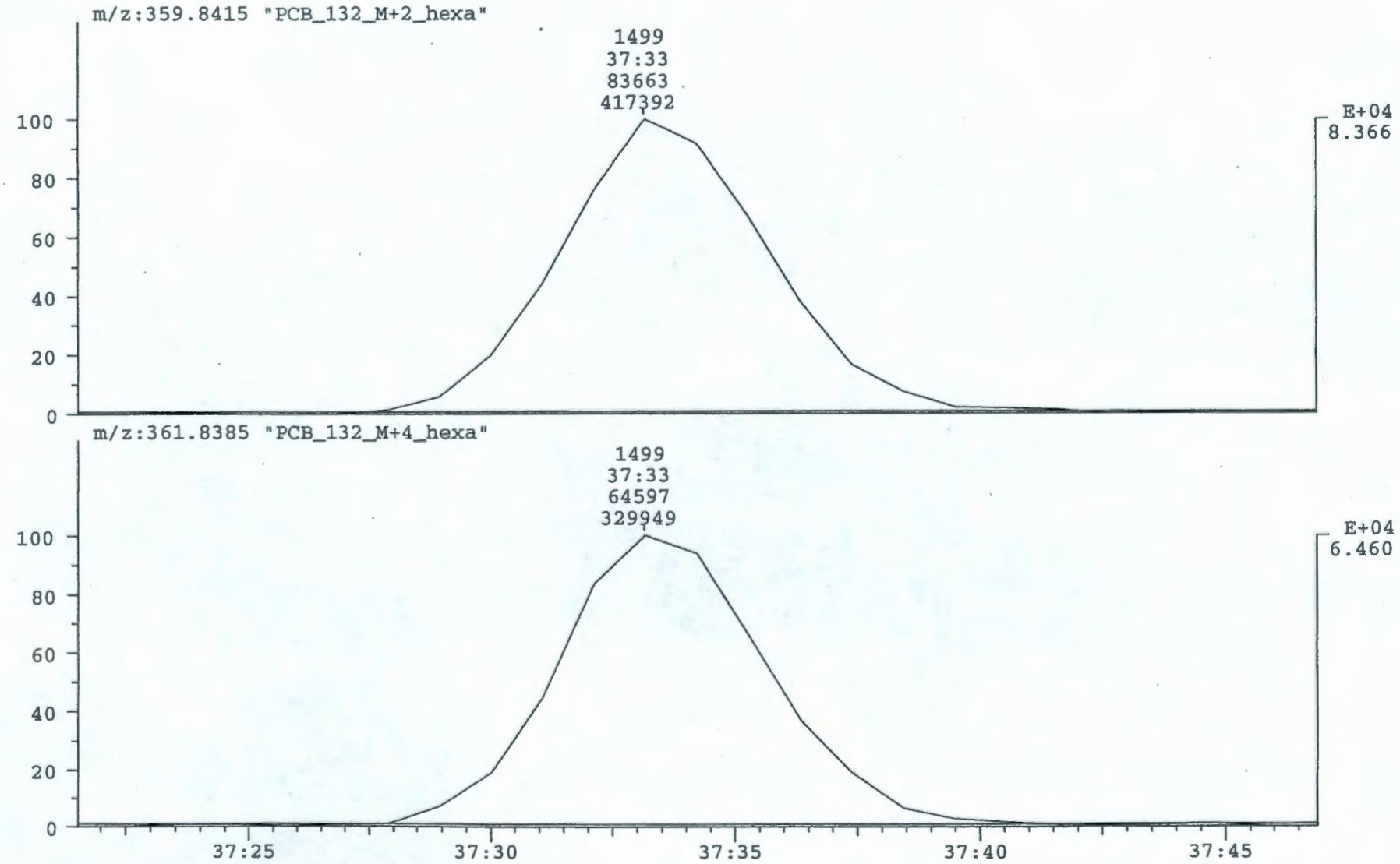
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  35:21      1379
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1319 > 1415          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12              Label :  -3, 3.0
Disp:  Height  Area
```



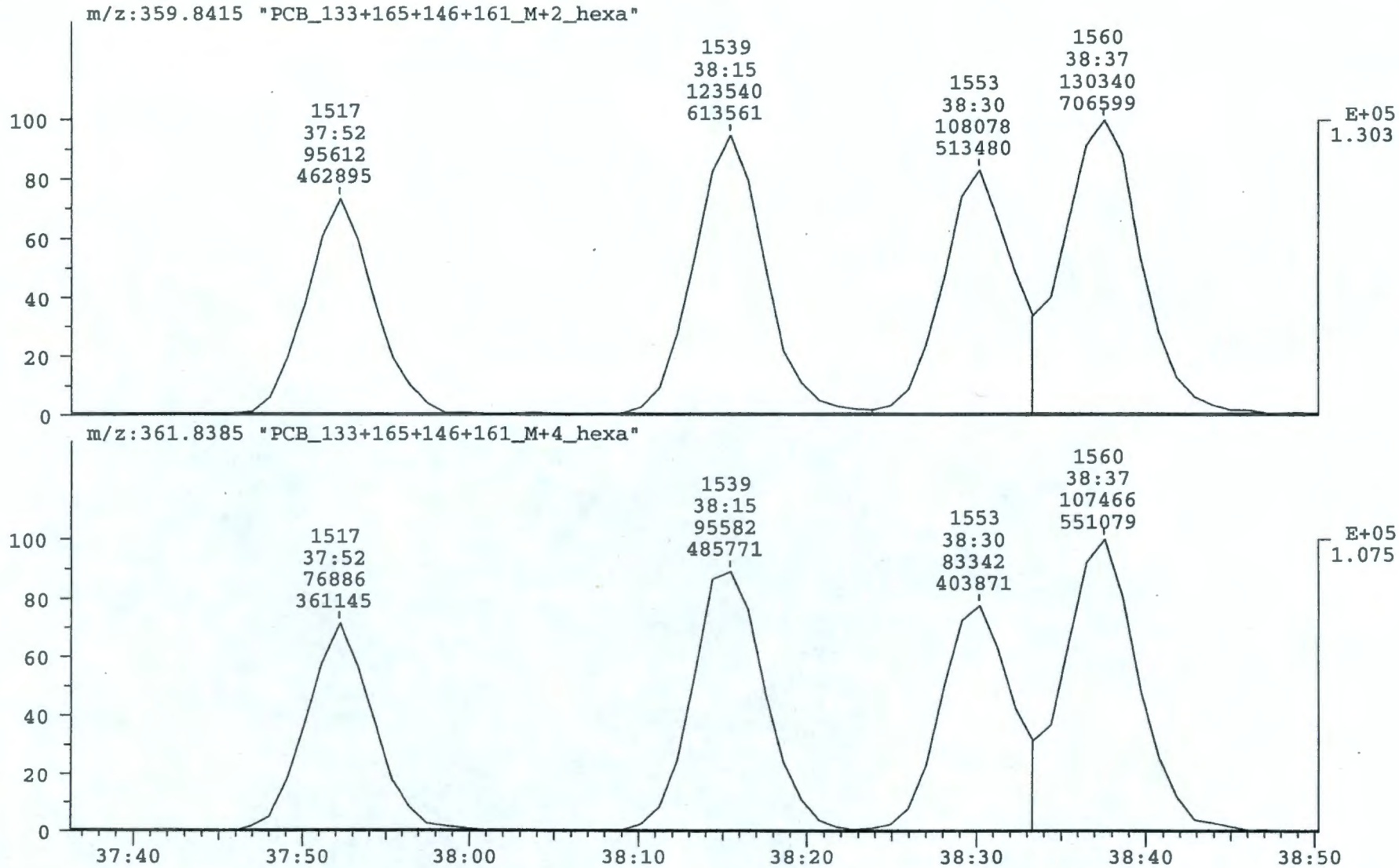
CHRO: a070928s1 28-Sep-07 Elapse: 36:45 1454
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1410 > 1489 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



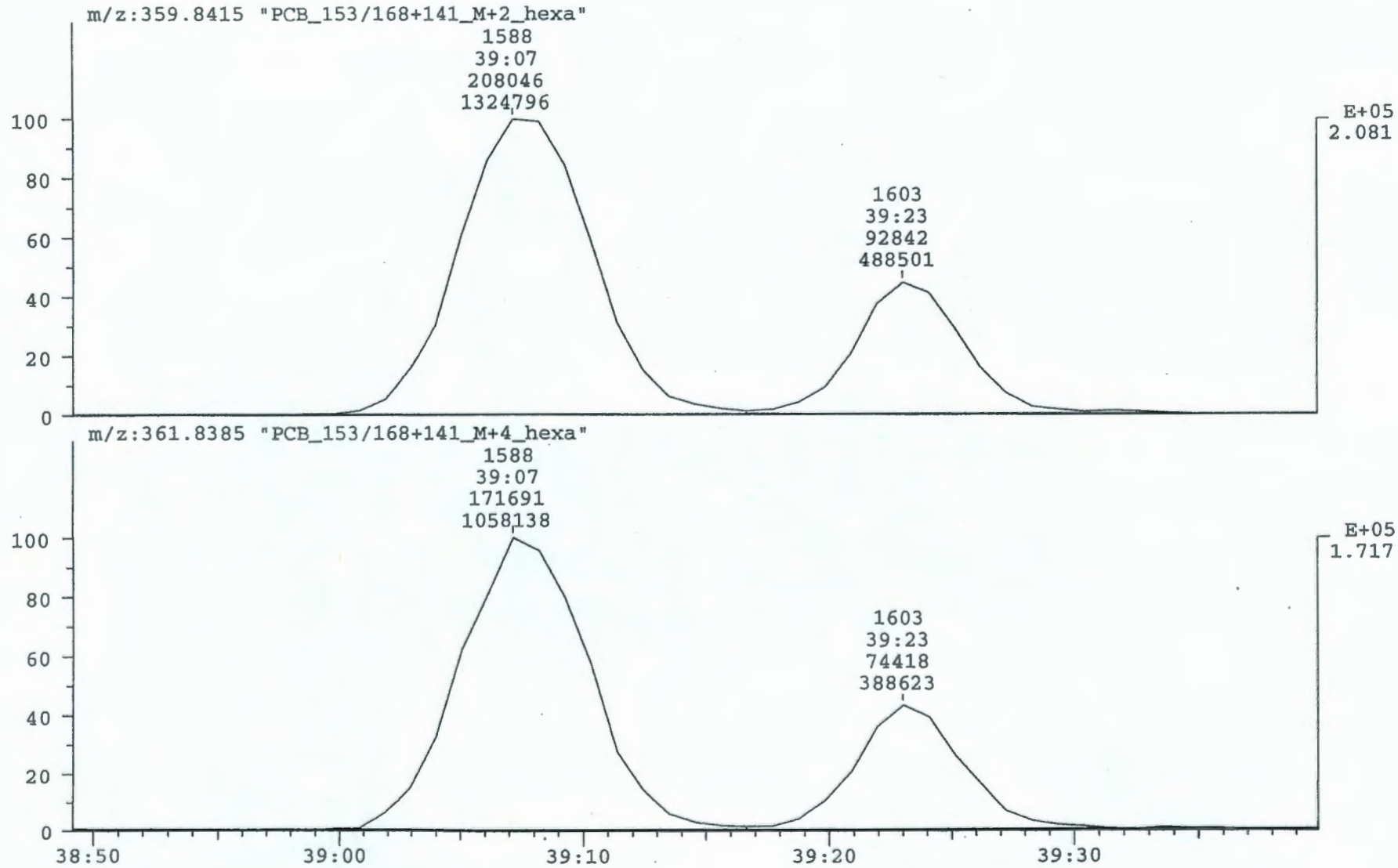
CHRO: a070928s1 28-Sep-07 Elapse: 37:34 1500
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1488 > 1512 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



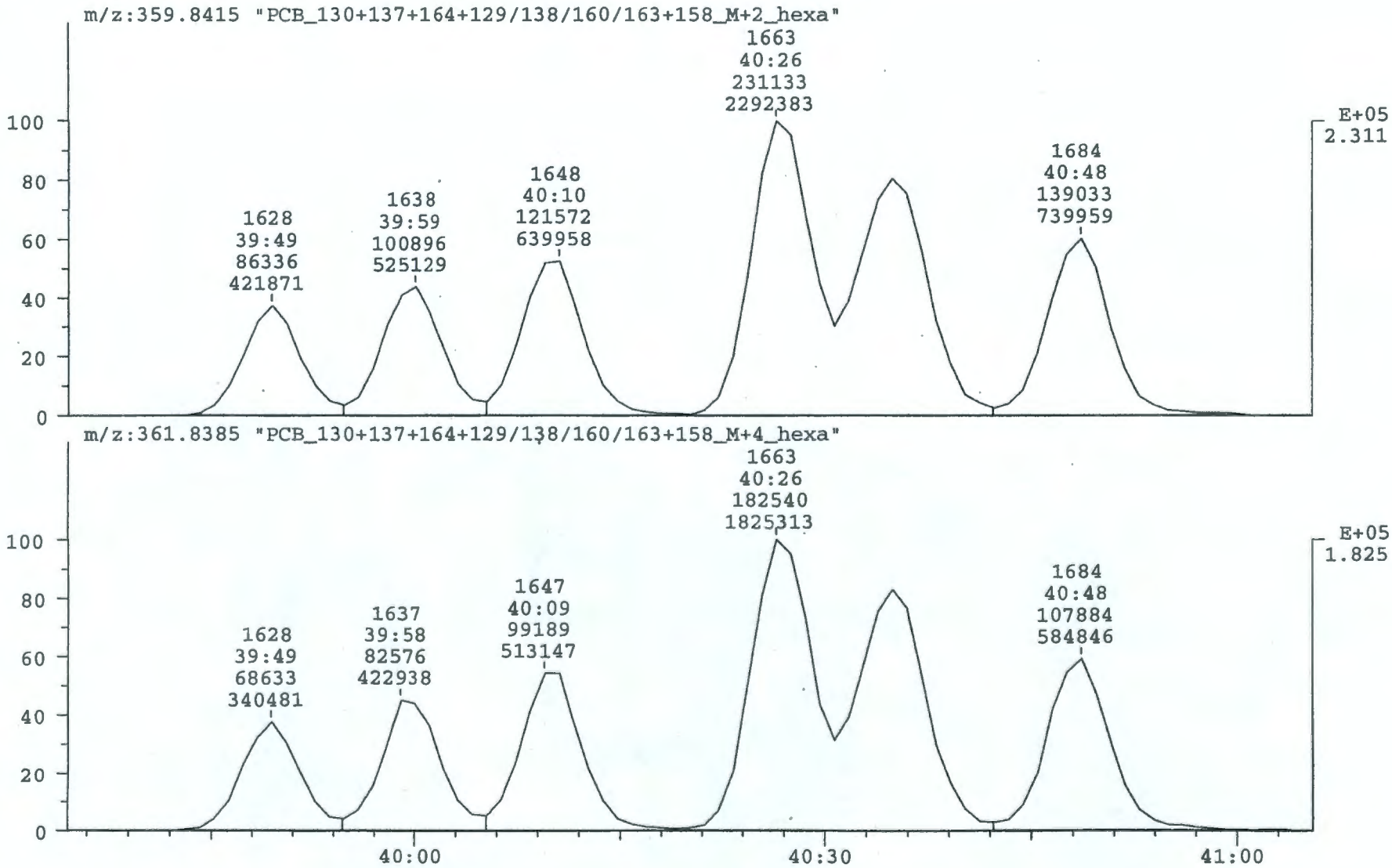
```
CHRO:  a070928s1                                28-Sep-07   Elapse:  38:21      1545
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1502 > 1572           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



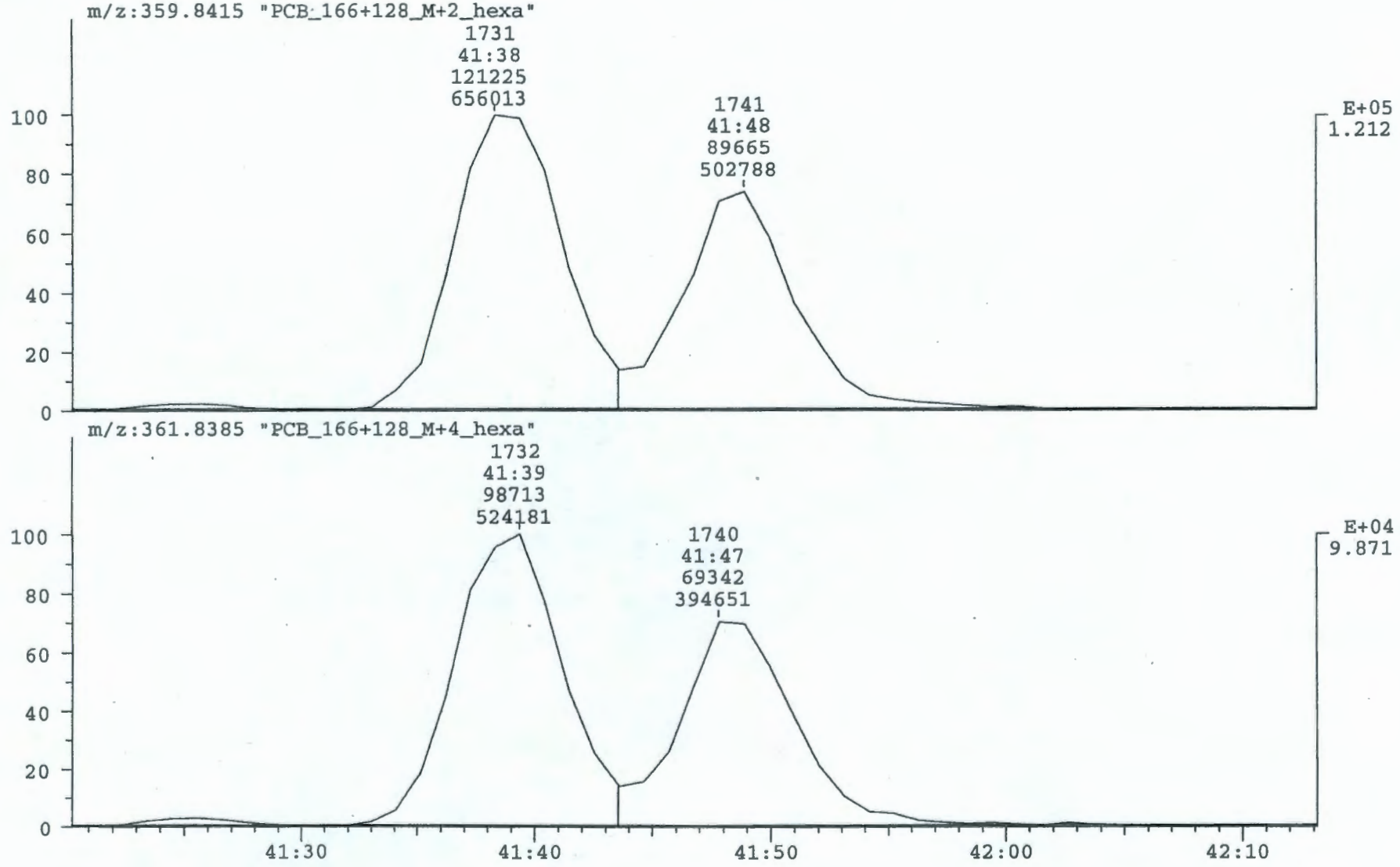
CHRO: a070928s1 28-Sep-07 Elapse: 39:20 1601
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1571 > 1619 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



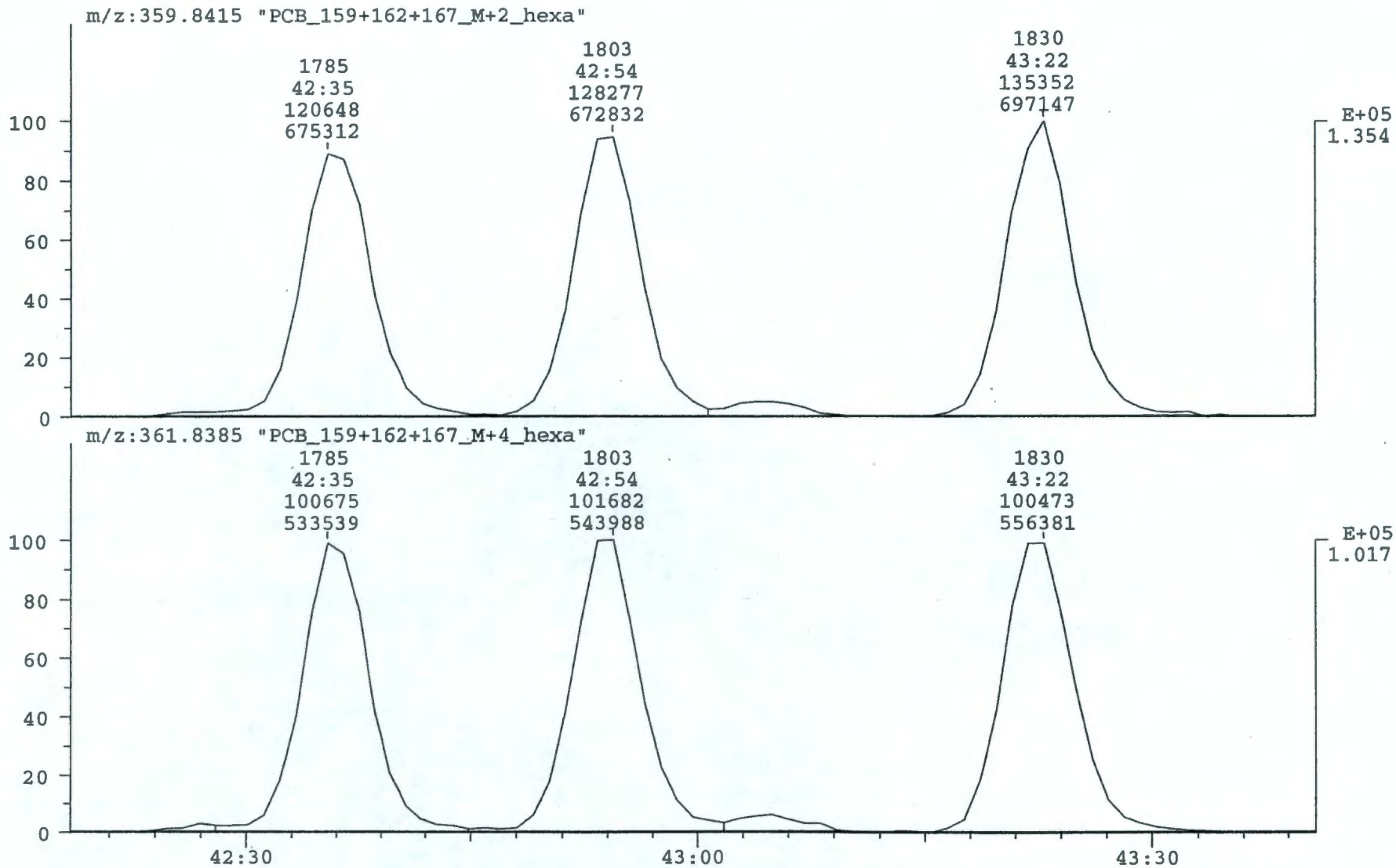
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  40:23      1660
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1614 > 1700          Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 7               Label :  -3, 3.0
Disp:  Height  Area
```



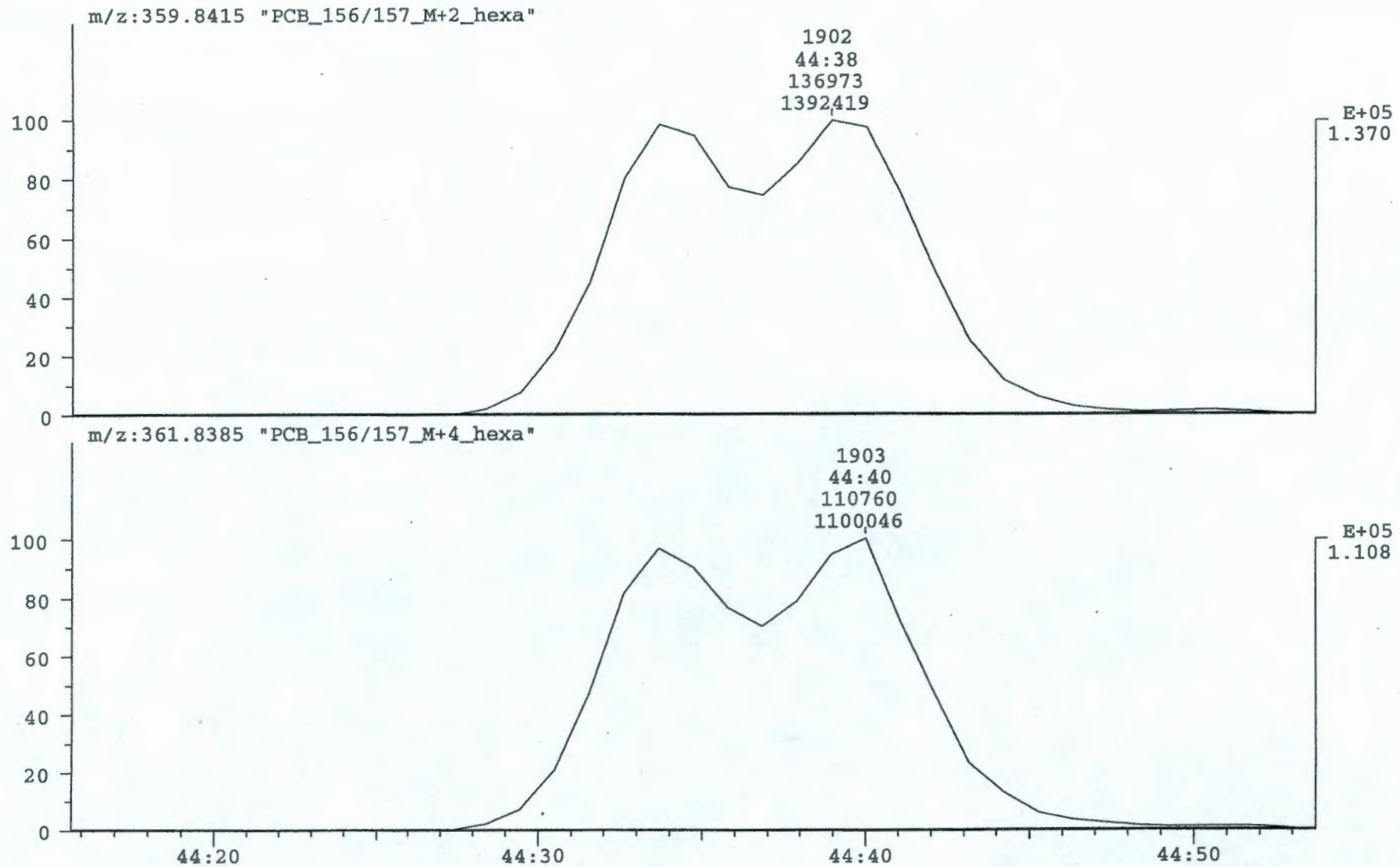
CHRO: a070928s1 28-Sep-07 Elapse: 41:46 1739
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1714 > 1764 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



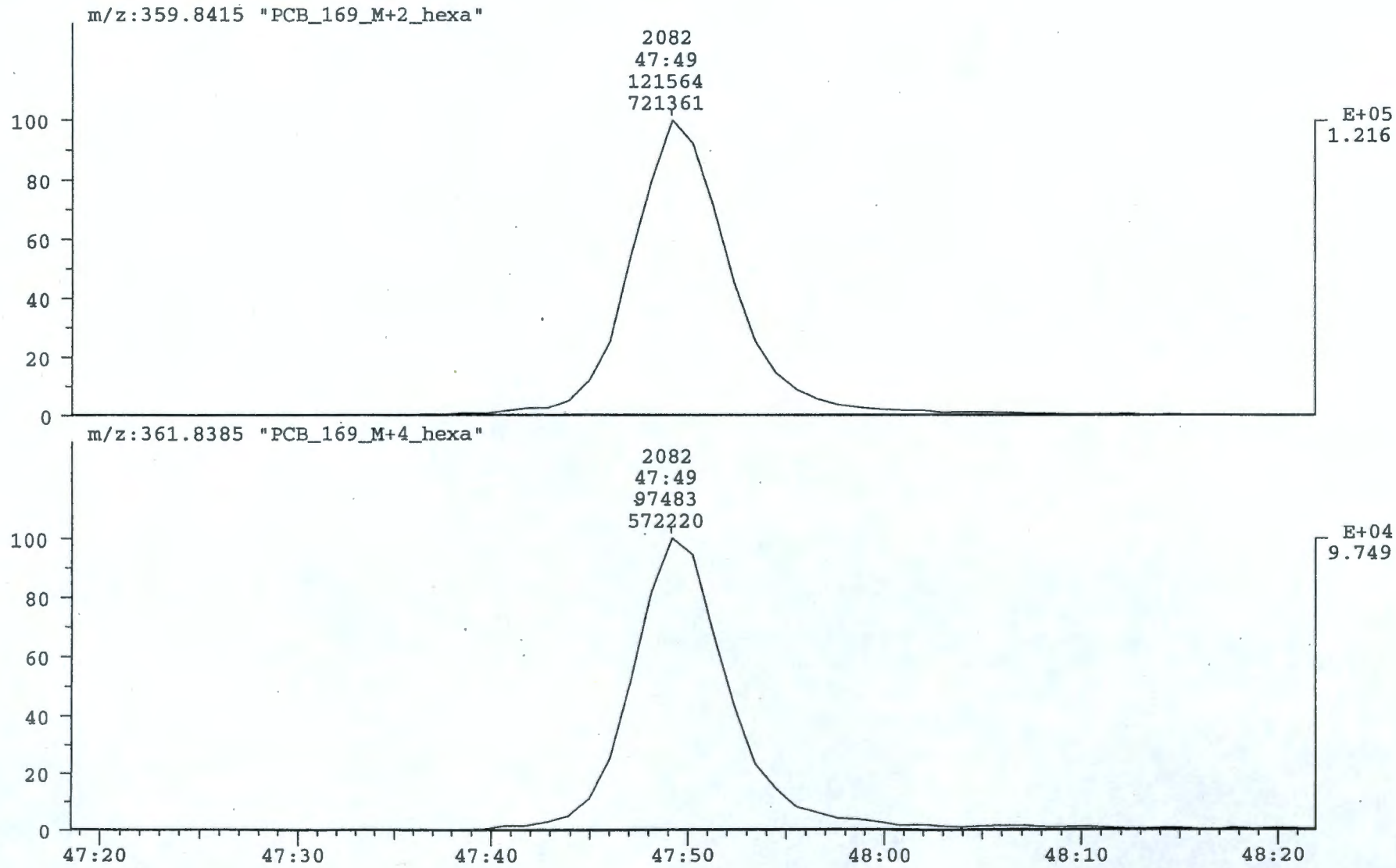
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  43:05      1814
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1769 > 1847          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070928s1                                28-Sep-07  Elapse:  44:36      1900
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1880 > 1916          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```

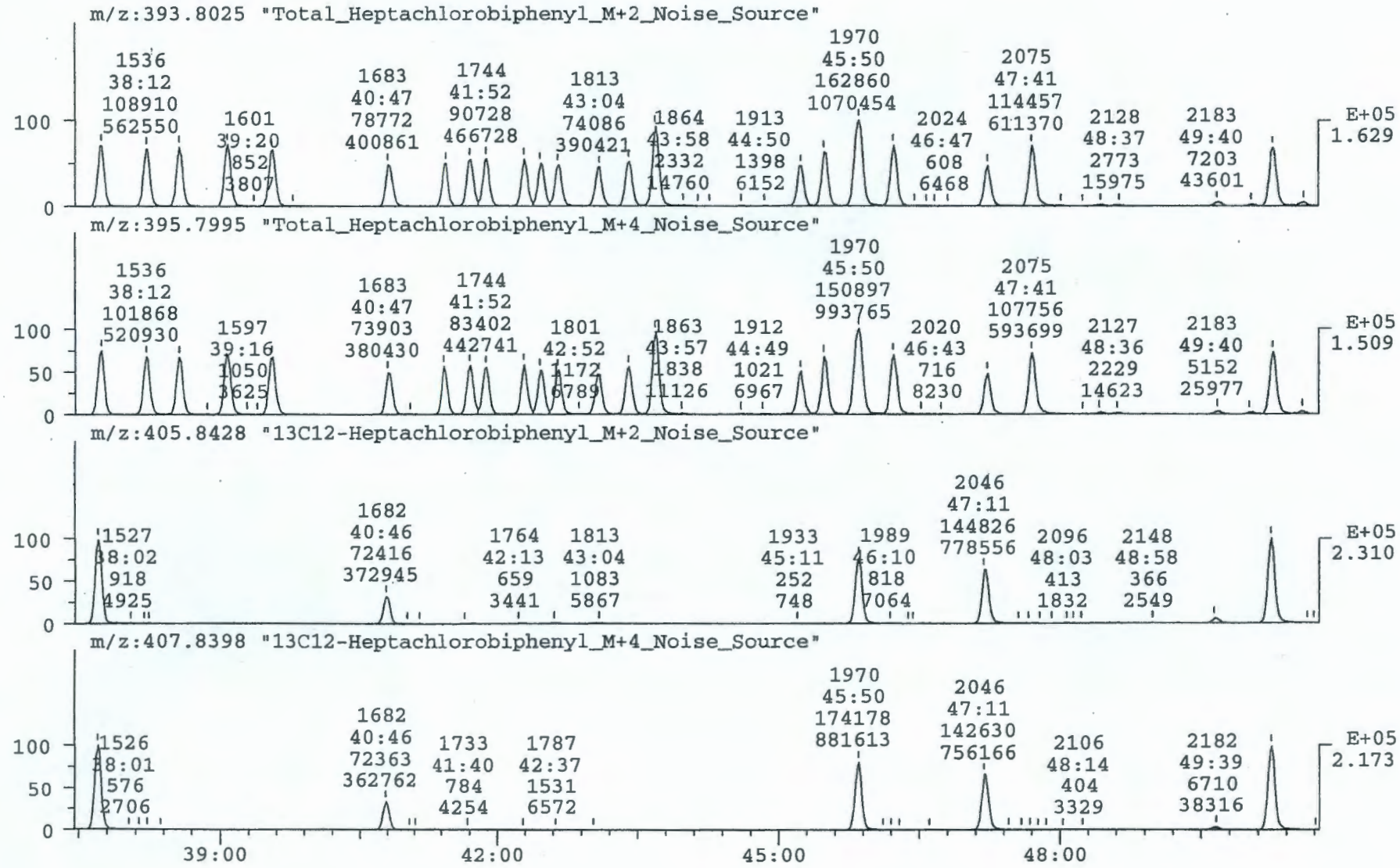


```
CHRO:  a070928s1                                28-Sep-07  Elapse:  47:50      2083
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville                  Inlet :  GC     Vial   1
Peak:  100.00  ppm     Label wndw:   2053 > 2113           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

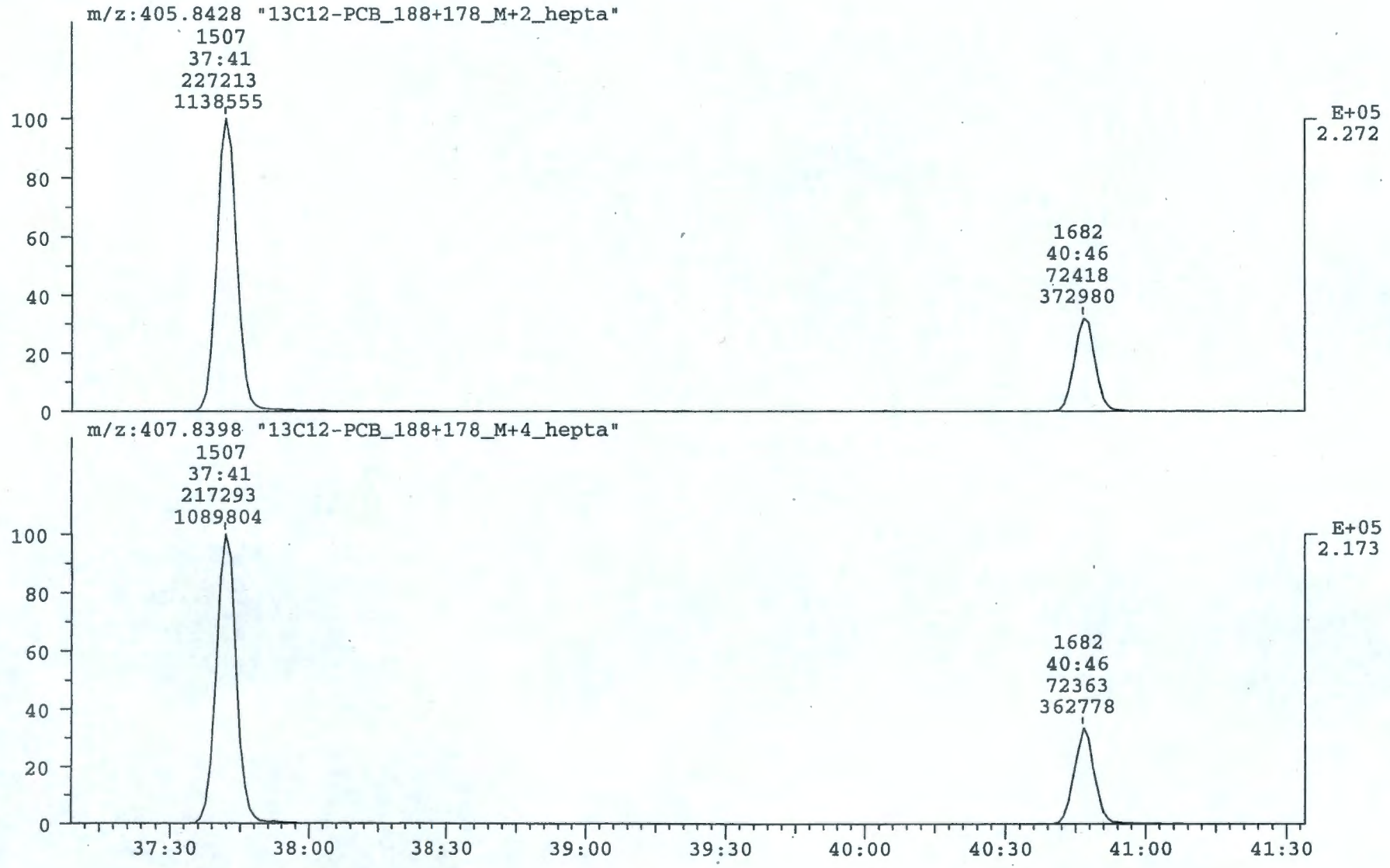


2456

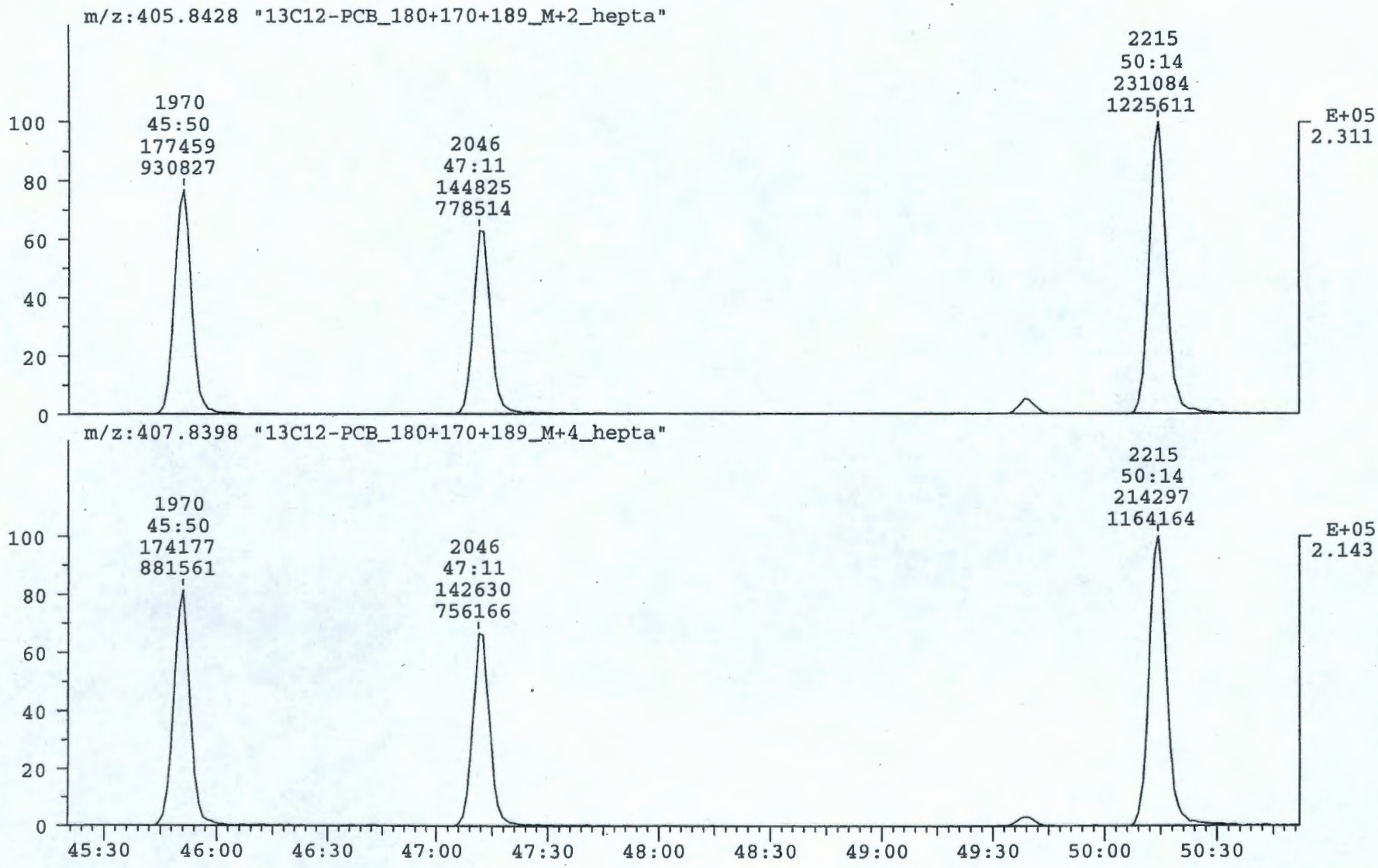
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  44:06      1871
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1493 > 2244          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



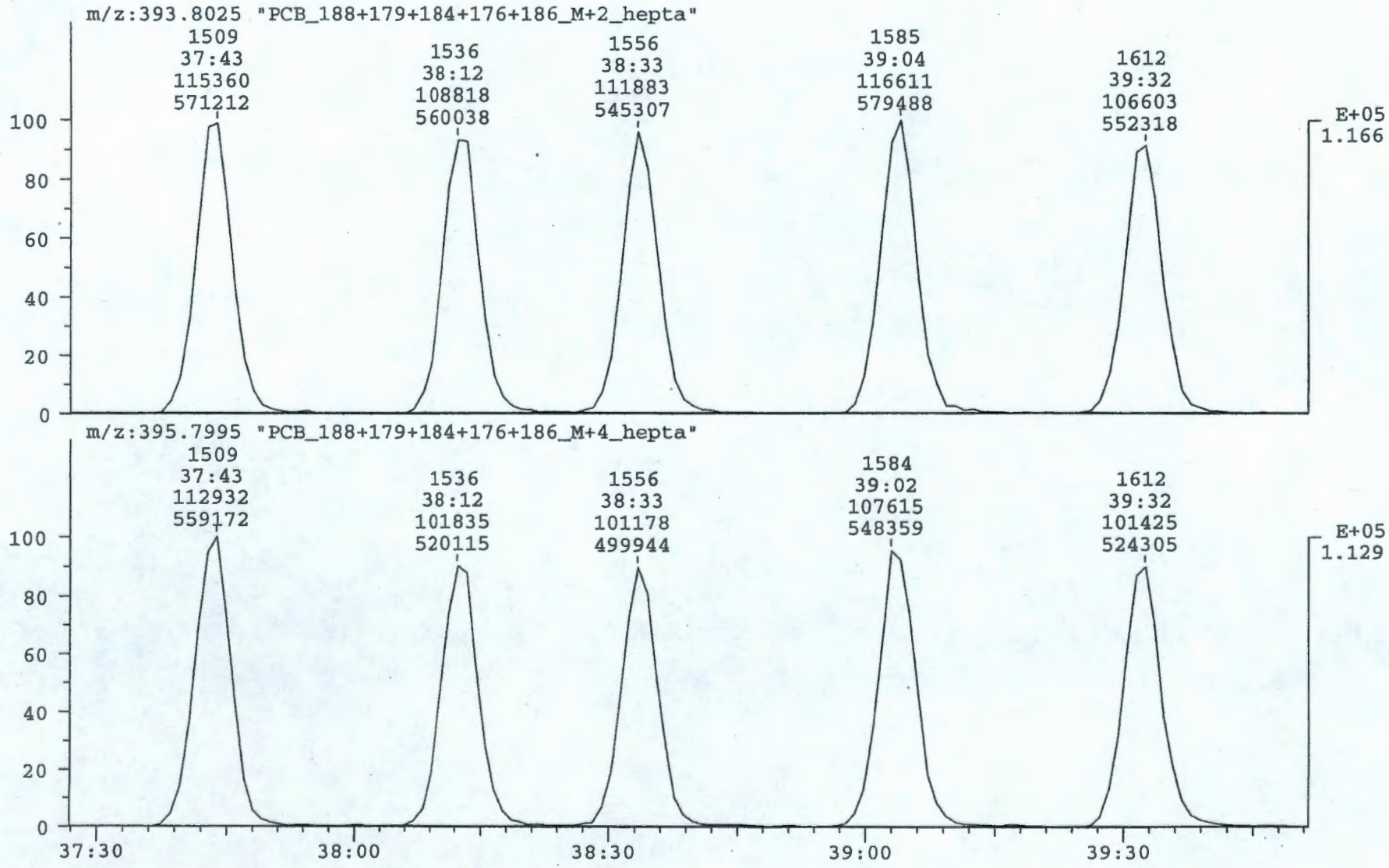
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  39:20      1601
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1476 > 1727          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070928s1 28-Sep-07 Elapse: 48:09 2101
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1941 > 2251 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

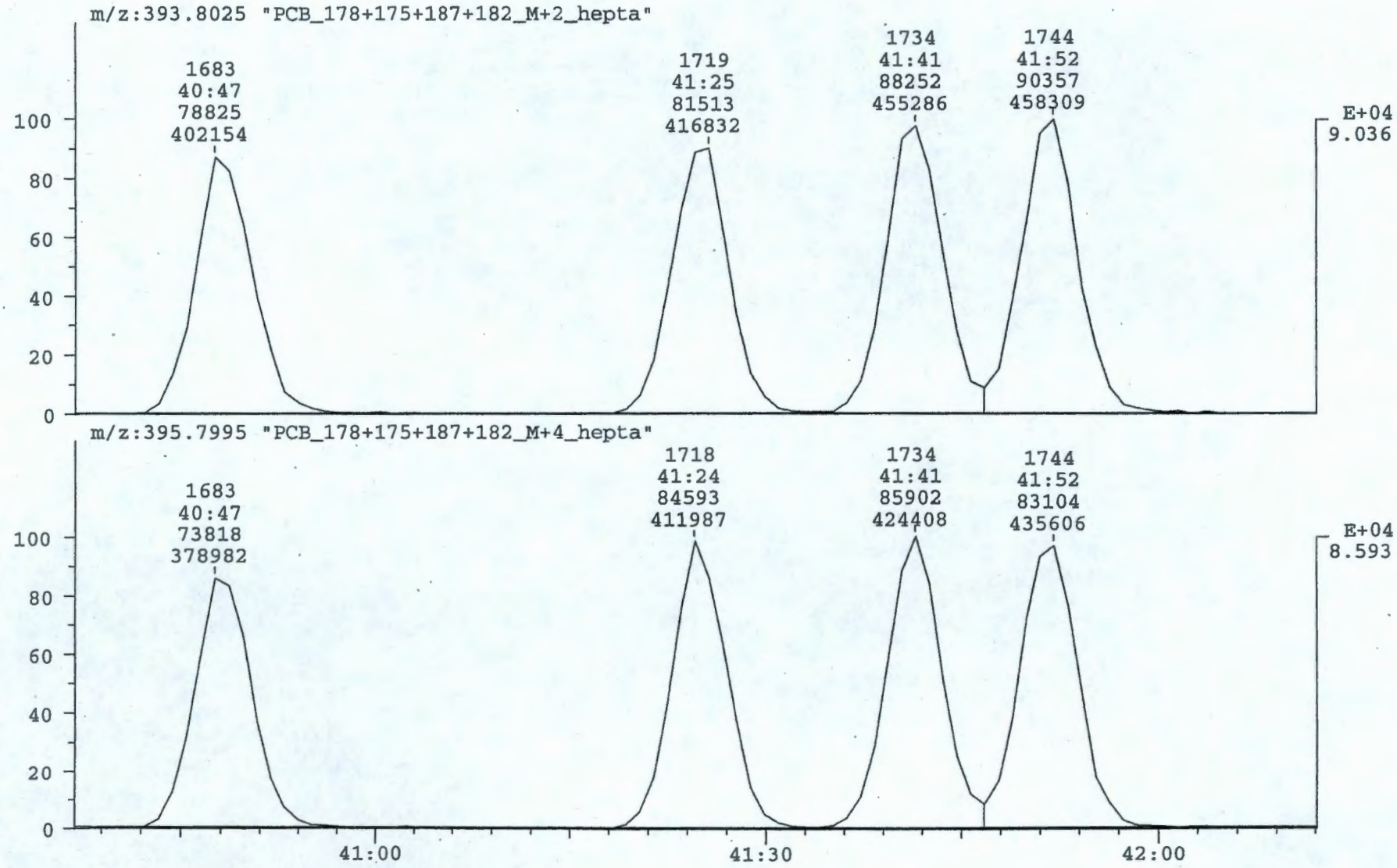


```
CHRO:  a070928s1                                28-Sep-07  Elapse:  38:42      1565
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1493 > 1630          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

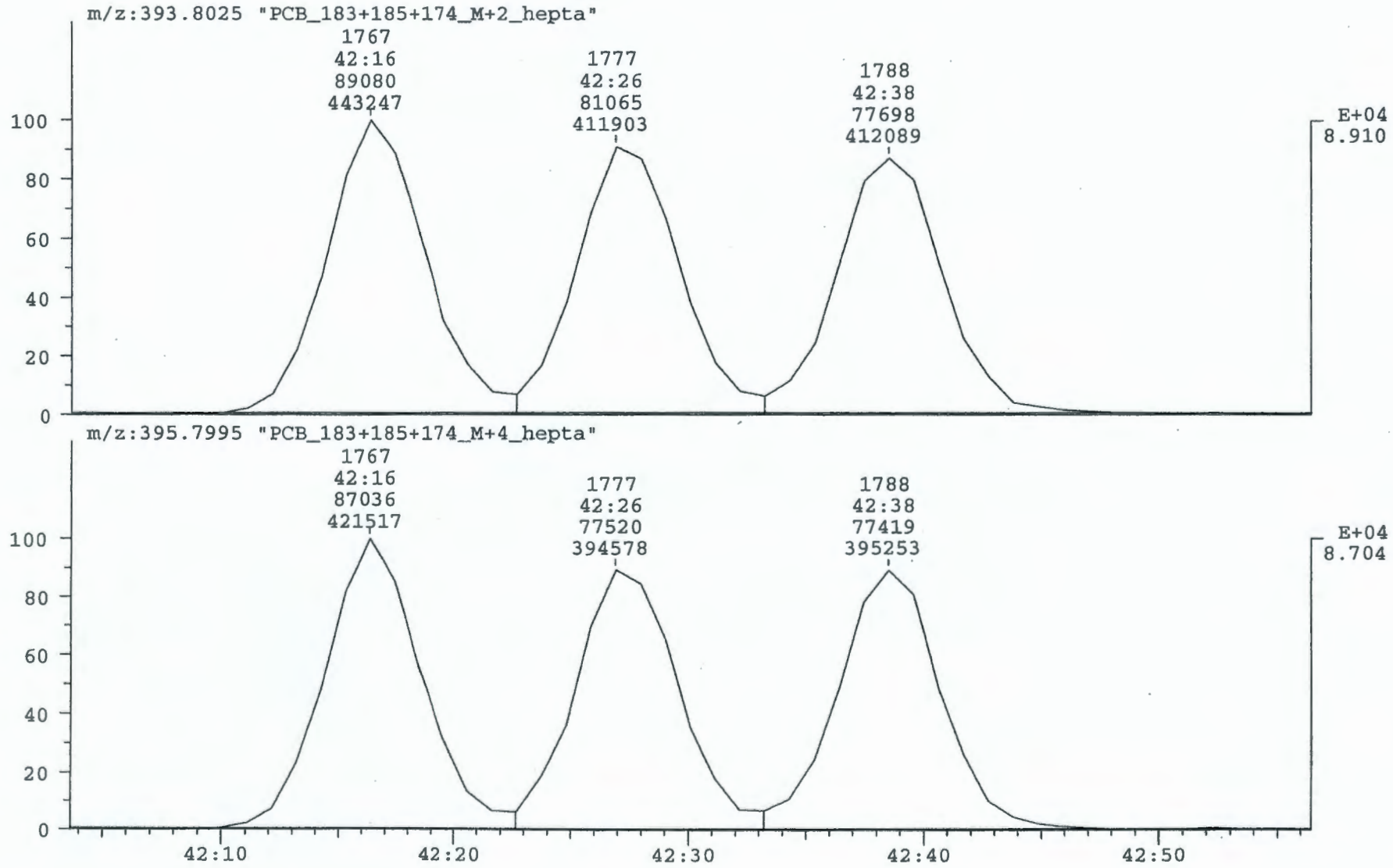


2460

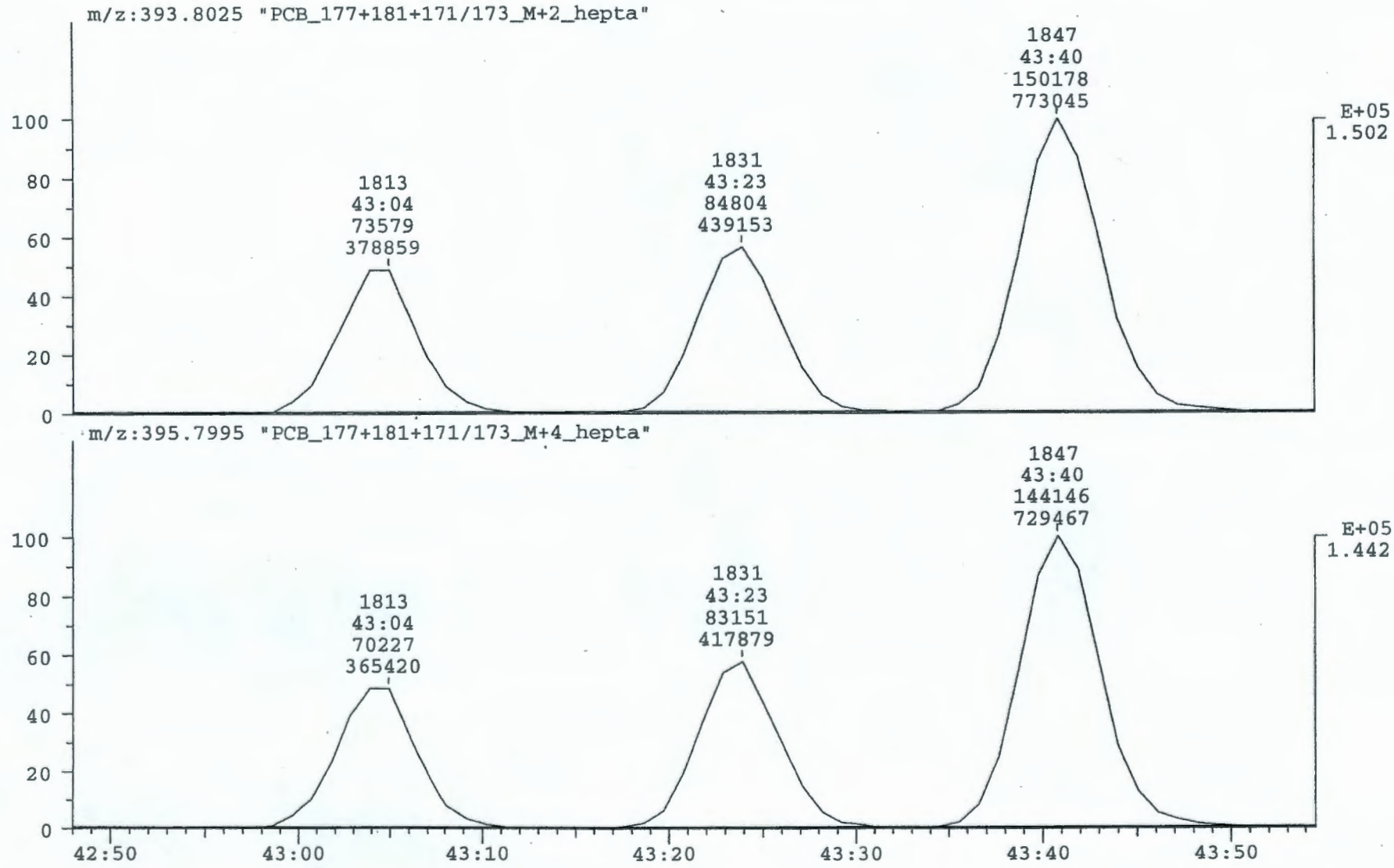
CHRO: a070928s1 28-Sep-07 Elapse: 41:29 1723
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1673 > 1763 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



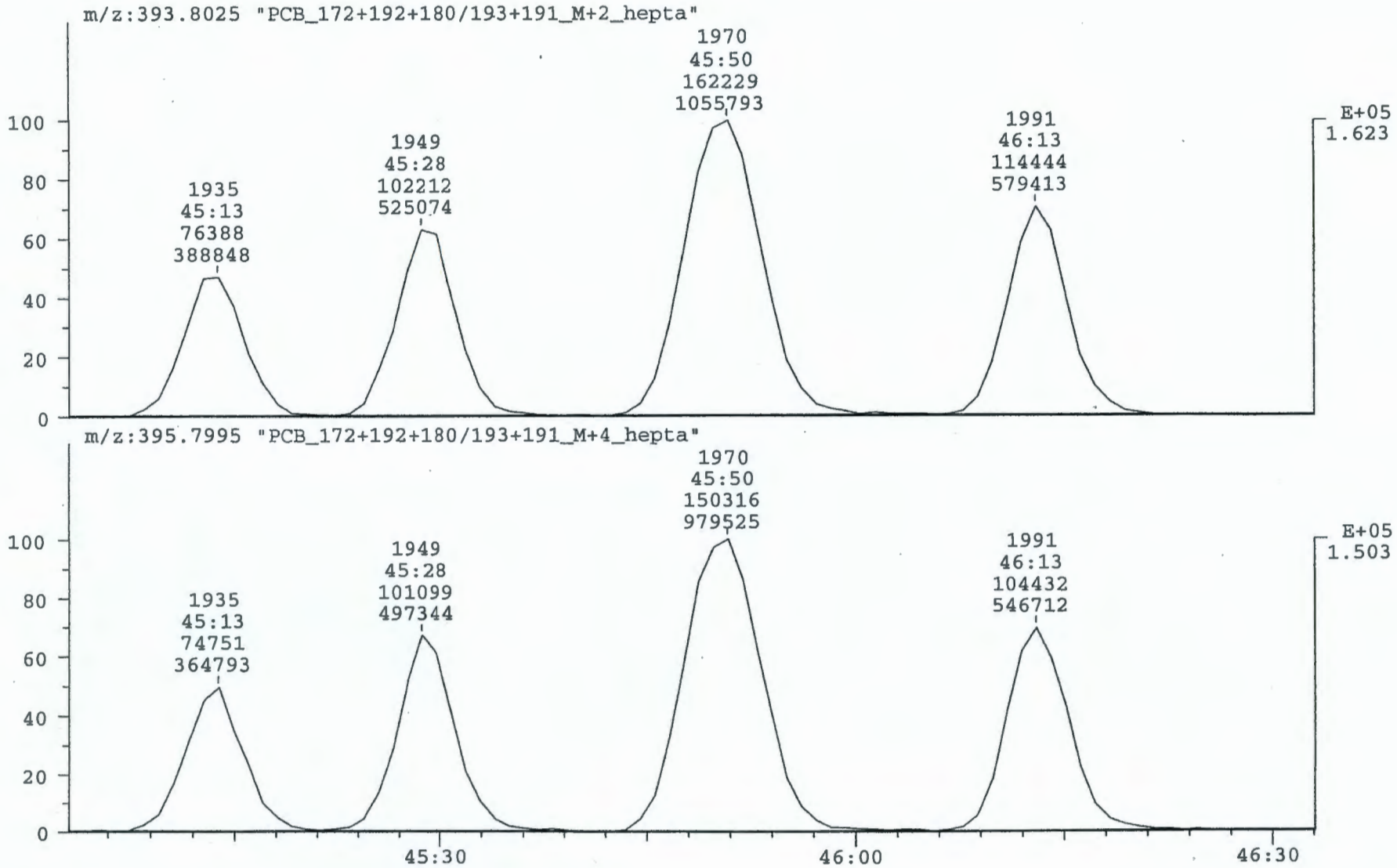
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  42:40      1790
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1755 > 1805          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



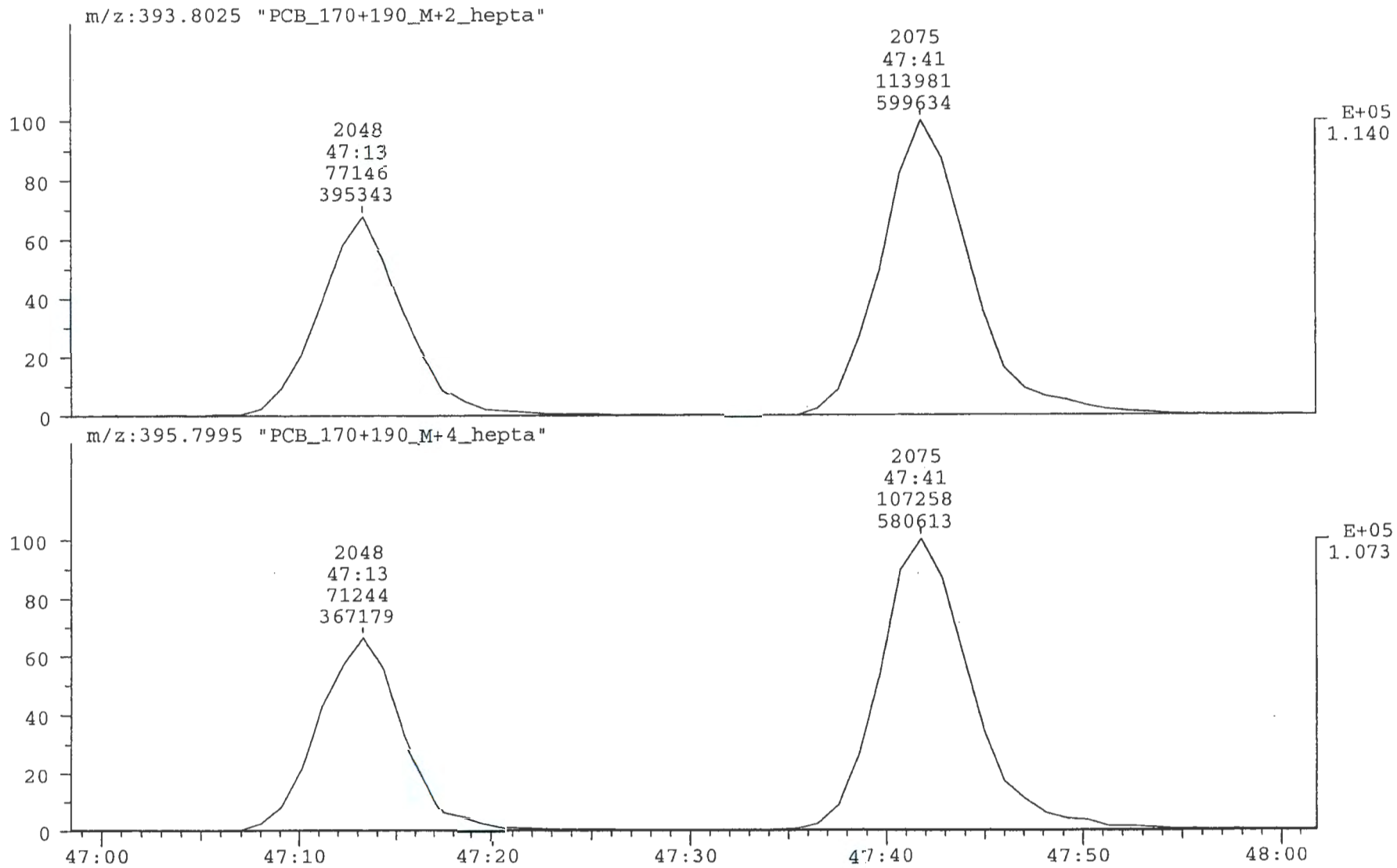
CHRO: a070928s1 28-Sep-07 Elapse: 43:28 1835
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1797 > 1860 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



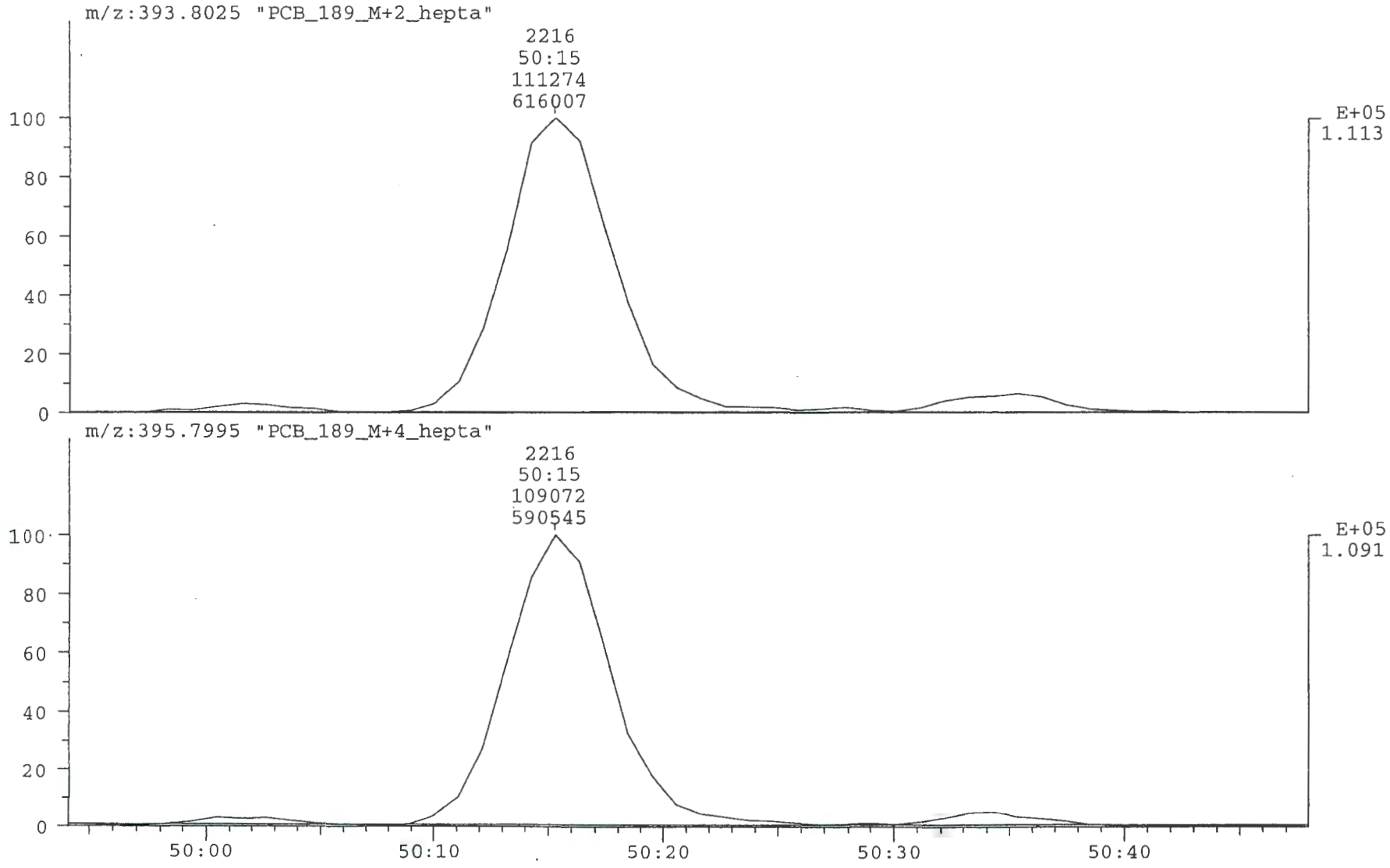
```
CHRO:  a070928s1                                28-Sep-07   Elapse:  45:56      1975
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1925 > 2010           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



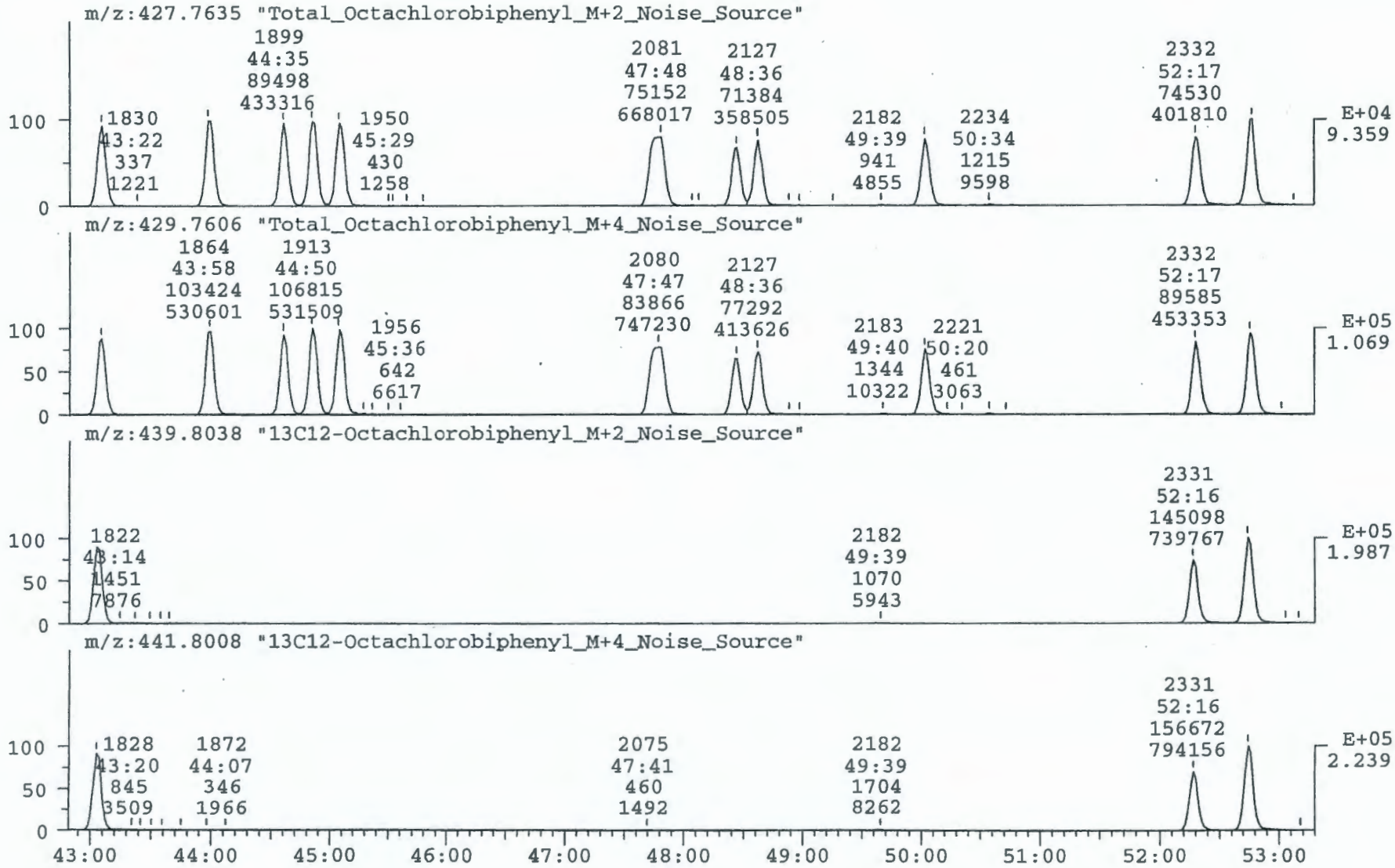
```
CHRO:  a070928s1                                28-Sep-07   Elapse:  47:35      2069
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   2034 > 2094           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



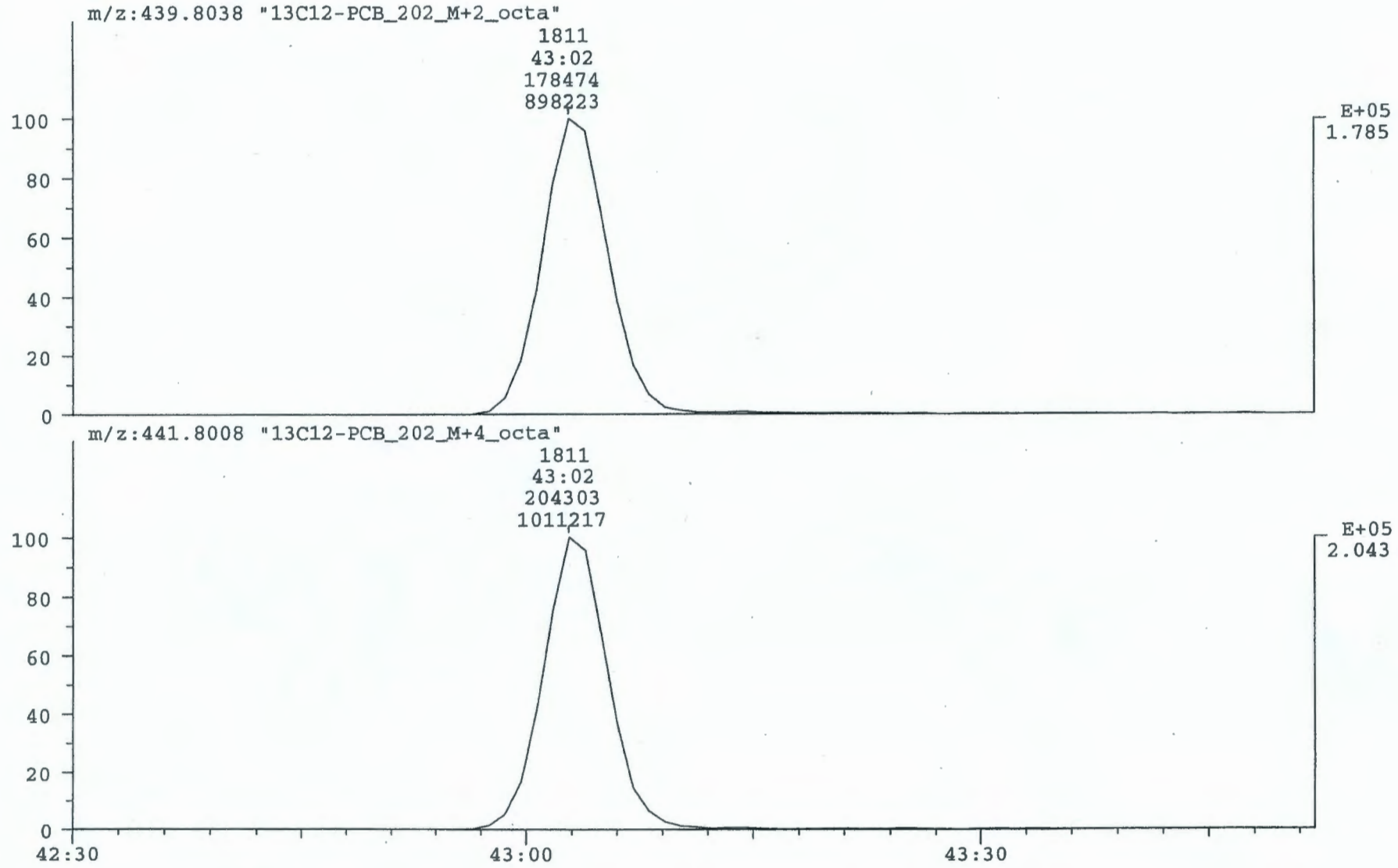
```
CHRO:  a070928s1                                28-Sep-07   Elapse:  50:19      2220
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   2196 > 2247           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



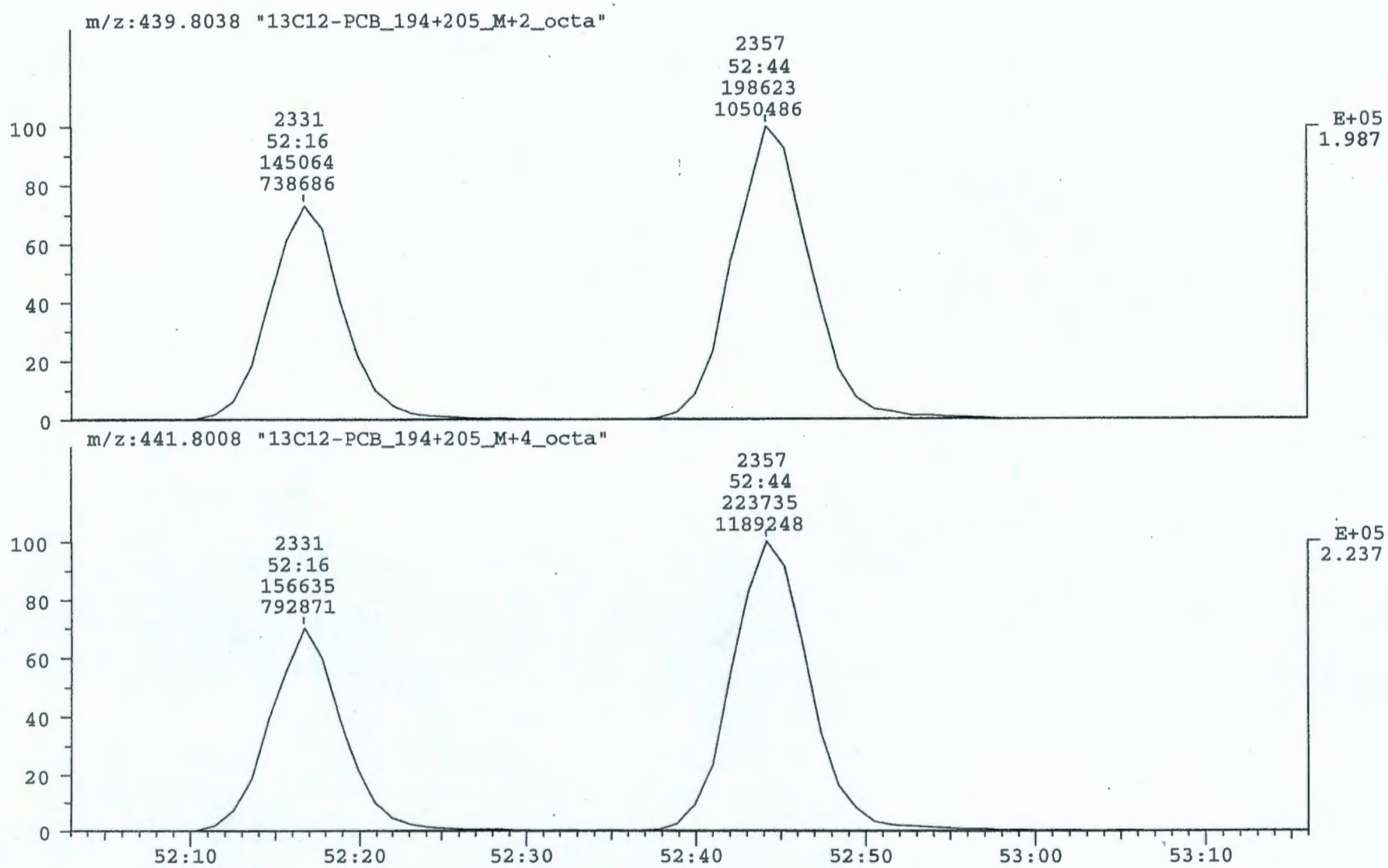
CHRO: a070928s1 28-Sep-07 Elapse: 48:02 2095
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 1798 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



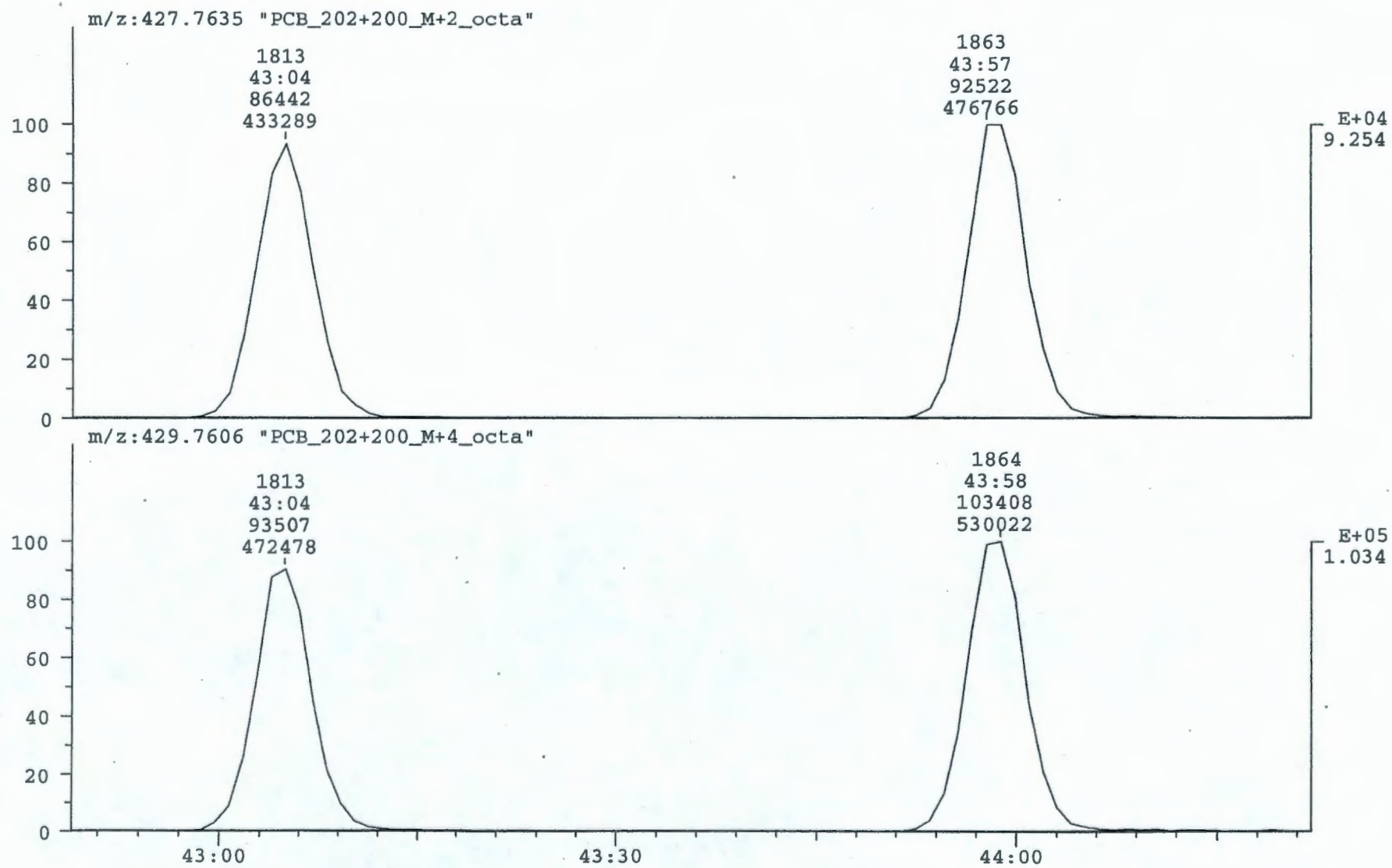
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  43:08      1816
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   1780 > 1858          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



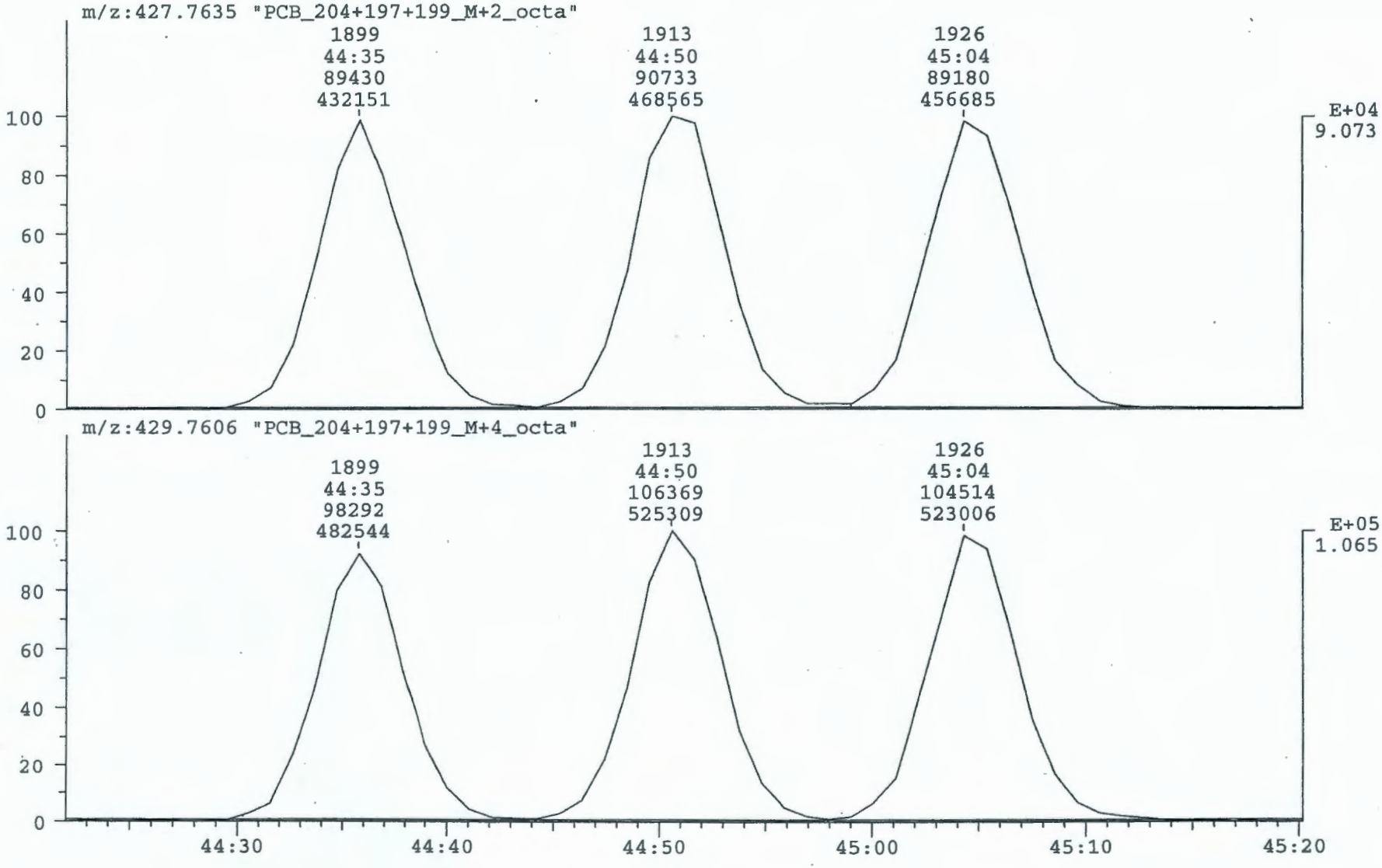
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  52:38      2352
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial  1
Peak:  100.00  ppm      Label wndw:   2318 > 2387          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



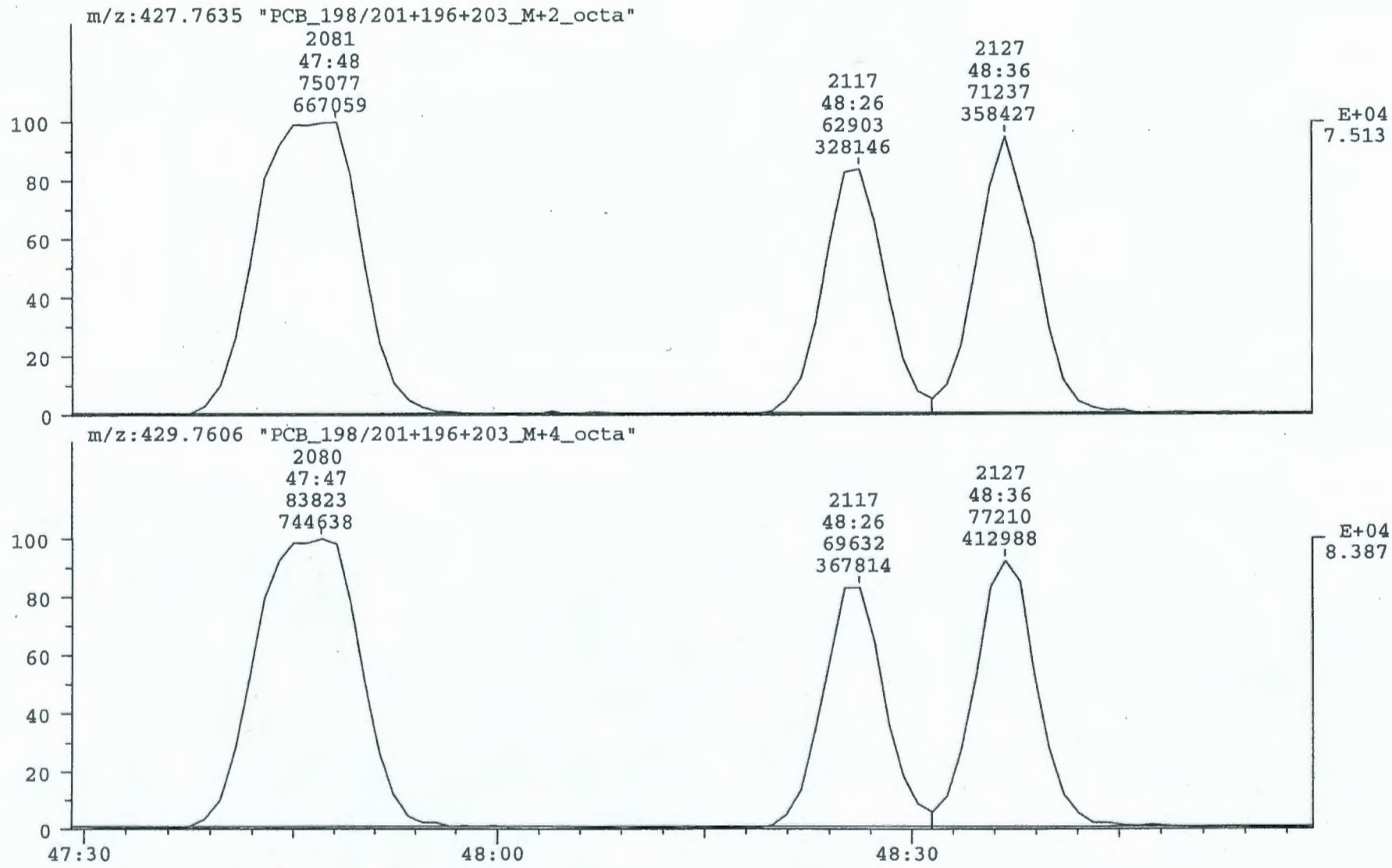
```
CHRO:  a070928s1                                28-Sep-07  Elapse:  43:39      1846
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1798 > 1886          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070928s1                                28-Sep-07  Elapse:  44:43      1906
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   1886 > 1941          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

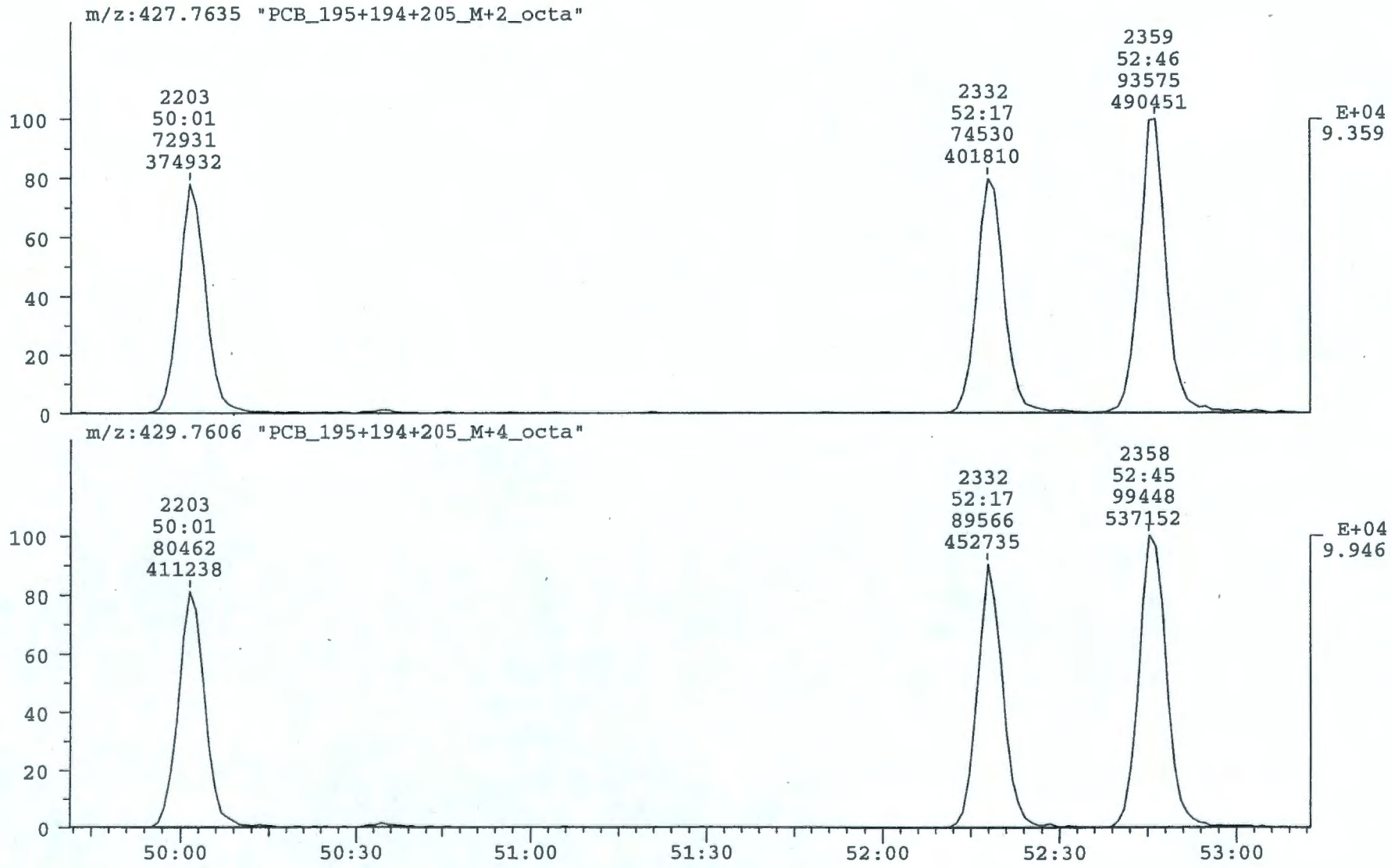


CHRO: a070928s1 28-Sep-07 Elapse: 48:32 2123
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 2063 > 2148 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

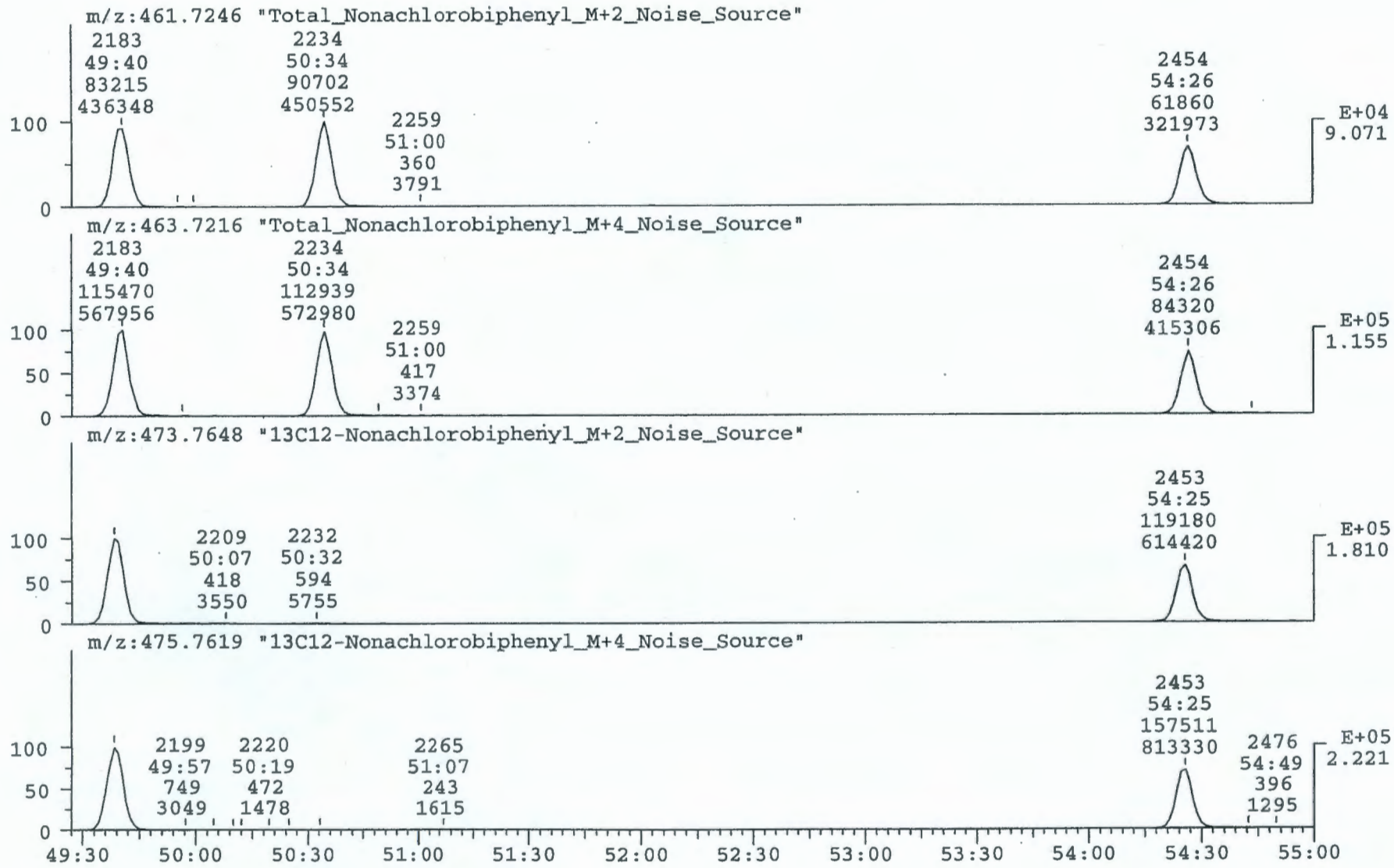


2472

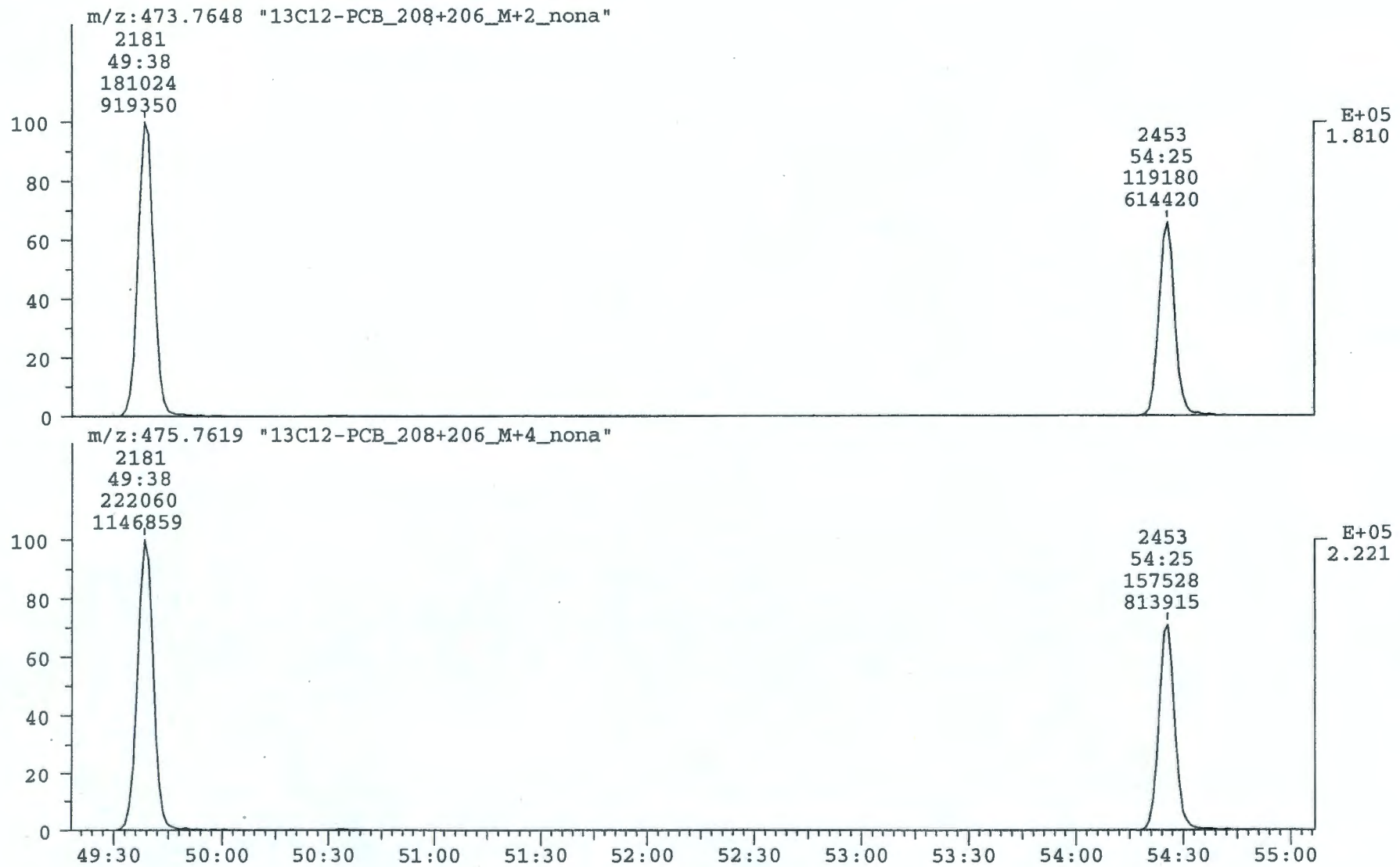
```
CHRO:  a070928s1                          28-Sep-07   Elapse:  52:25      2339
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1               Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                      Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville             Inlet :  GC     Vial   1
Peak:  100.00  ppm     Label wndw:   2184 > 2384      Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3           Label :  -3, 3.0
Disp:  Height  Area
```



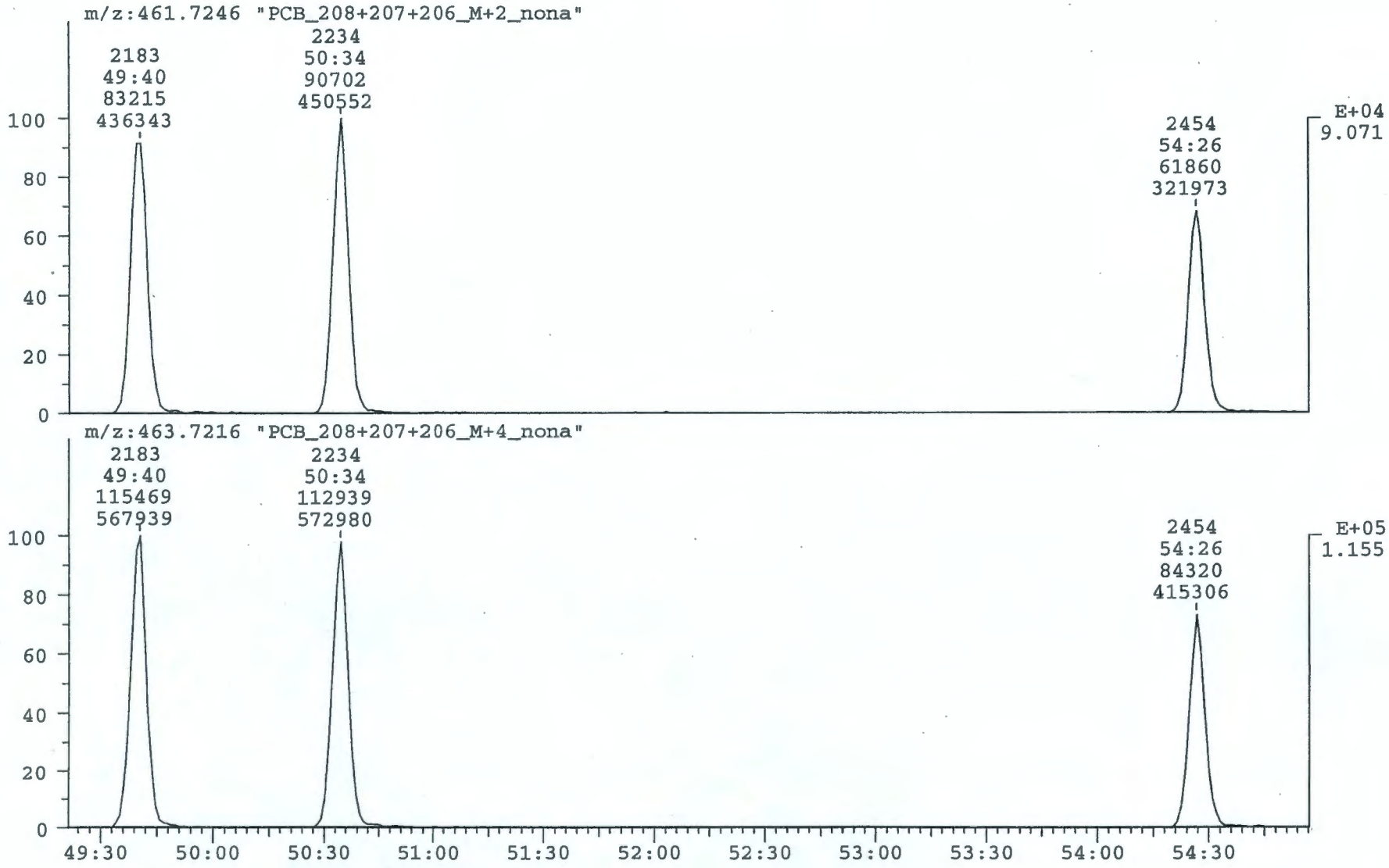
CHRO: a070928s1 28-Sep-07 Elapse: 52:13 2328
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 2170 > 2486 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



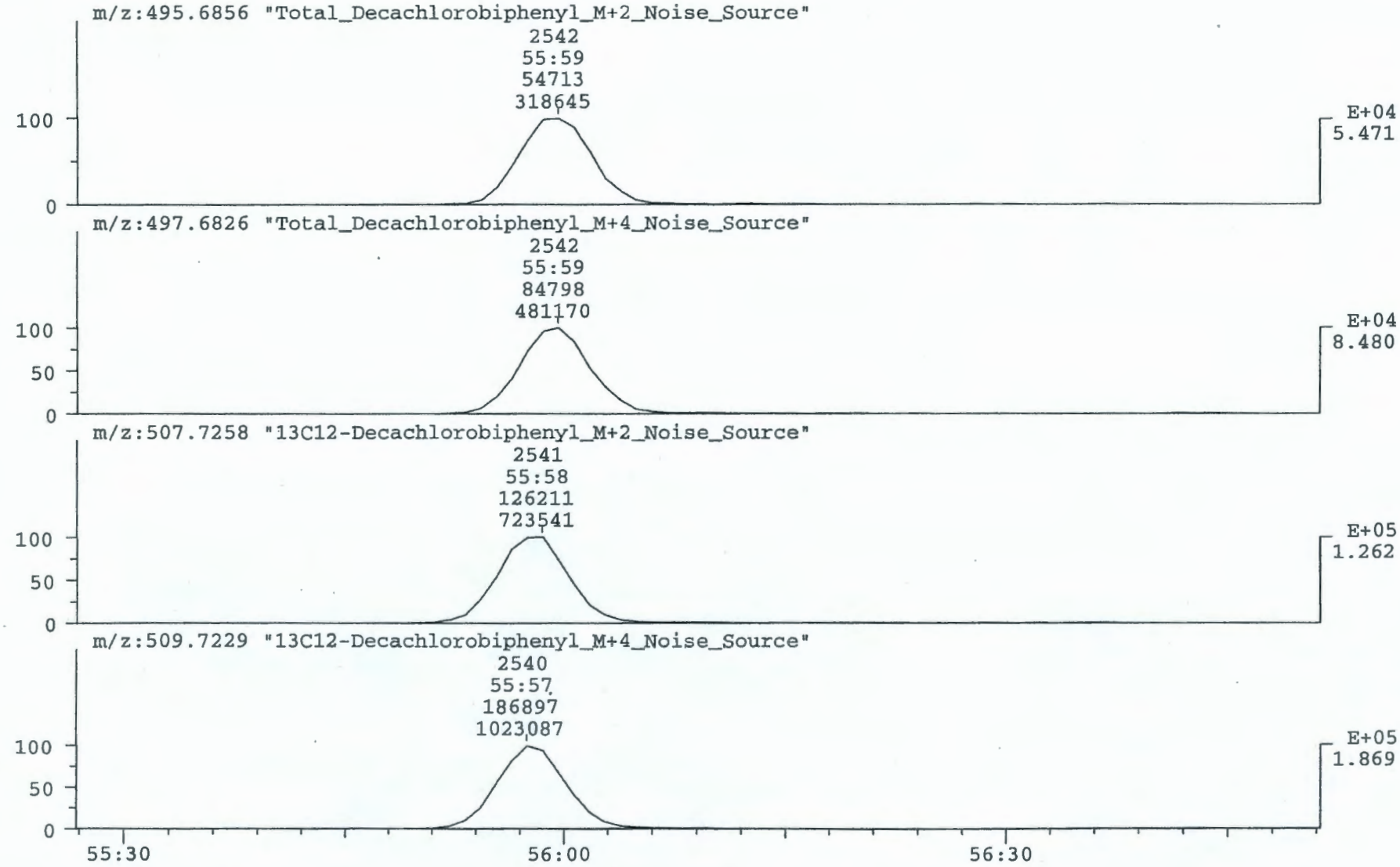
```
CHRO:  a070928s1                          28-Sep-07   Elapse:  52:12      2327
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1               Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                      Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville             Inlet :  GC     Vial   1
Peak:  100.00  ppm     Label wndw:   2162 > 2492      Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3           Label :  -3, 3.0
Disp:  Height  Area
```



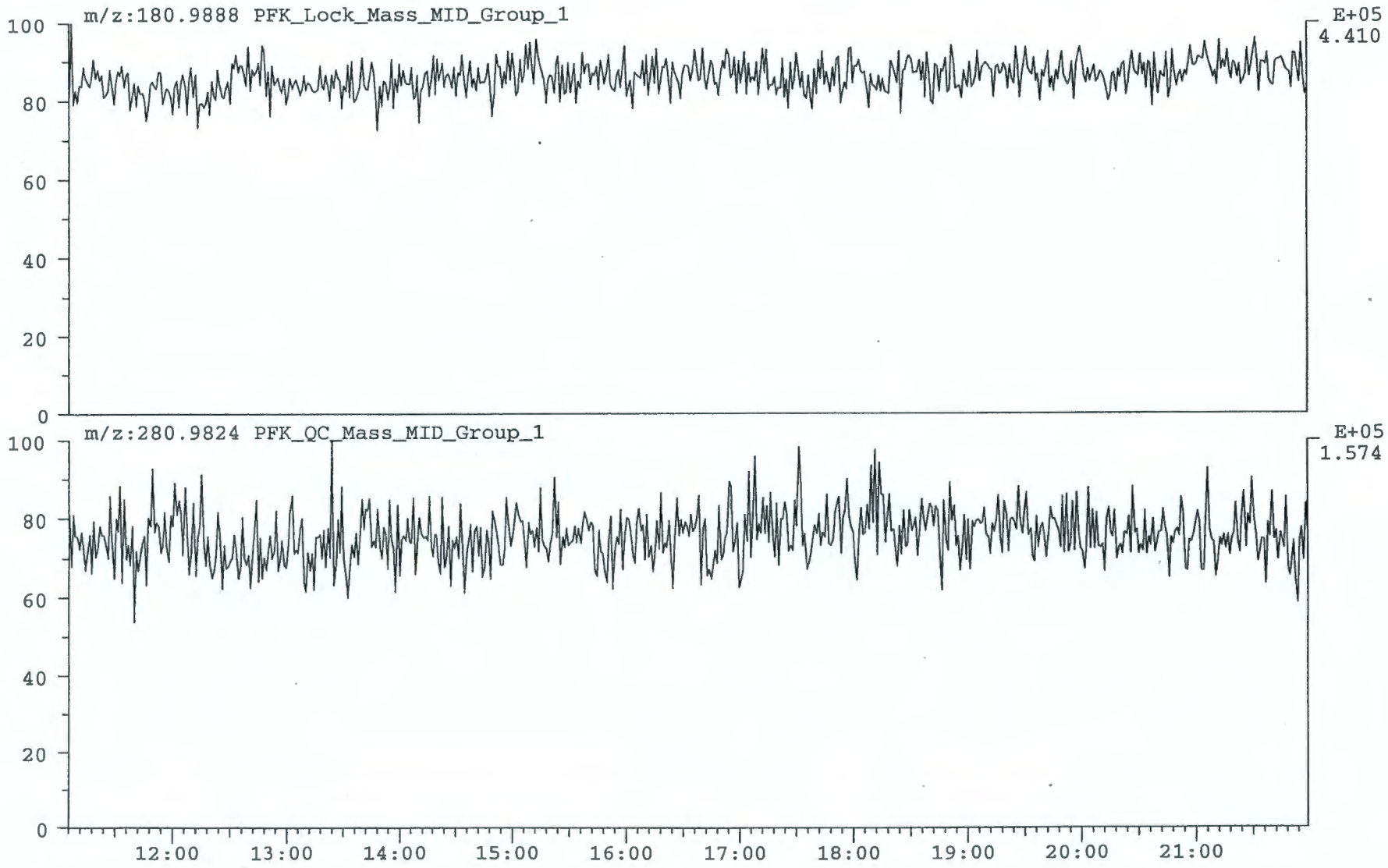
```
CHRO:  a070928s1                                28-Sep-07   Elapse:  52:13      2328
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                     Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville                 Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   2165 > 2483           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



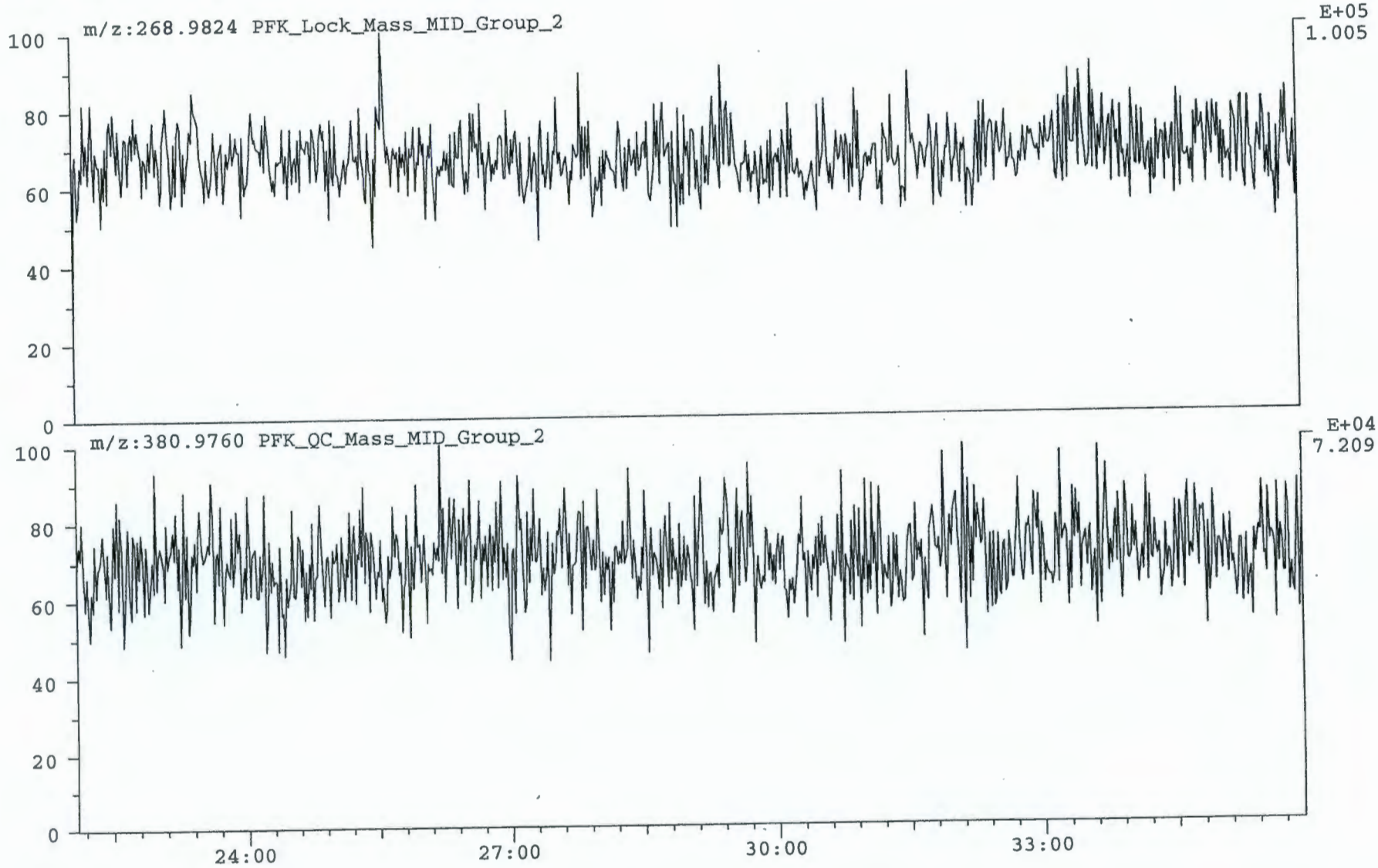
```
CHRO:  a070928s1                              28-Sep-07   Elapse:  56:12      2554
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                   Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 Ver
Oper:  DCG            Client:  TA Knoxville               Inlet :  GC     Vial   1
Peak:  100.00  ppm      Label wndw:   2511 > 2591         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



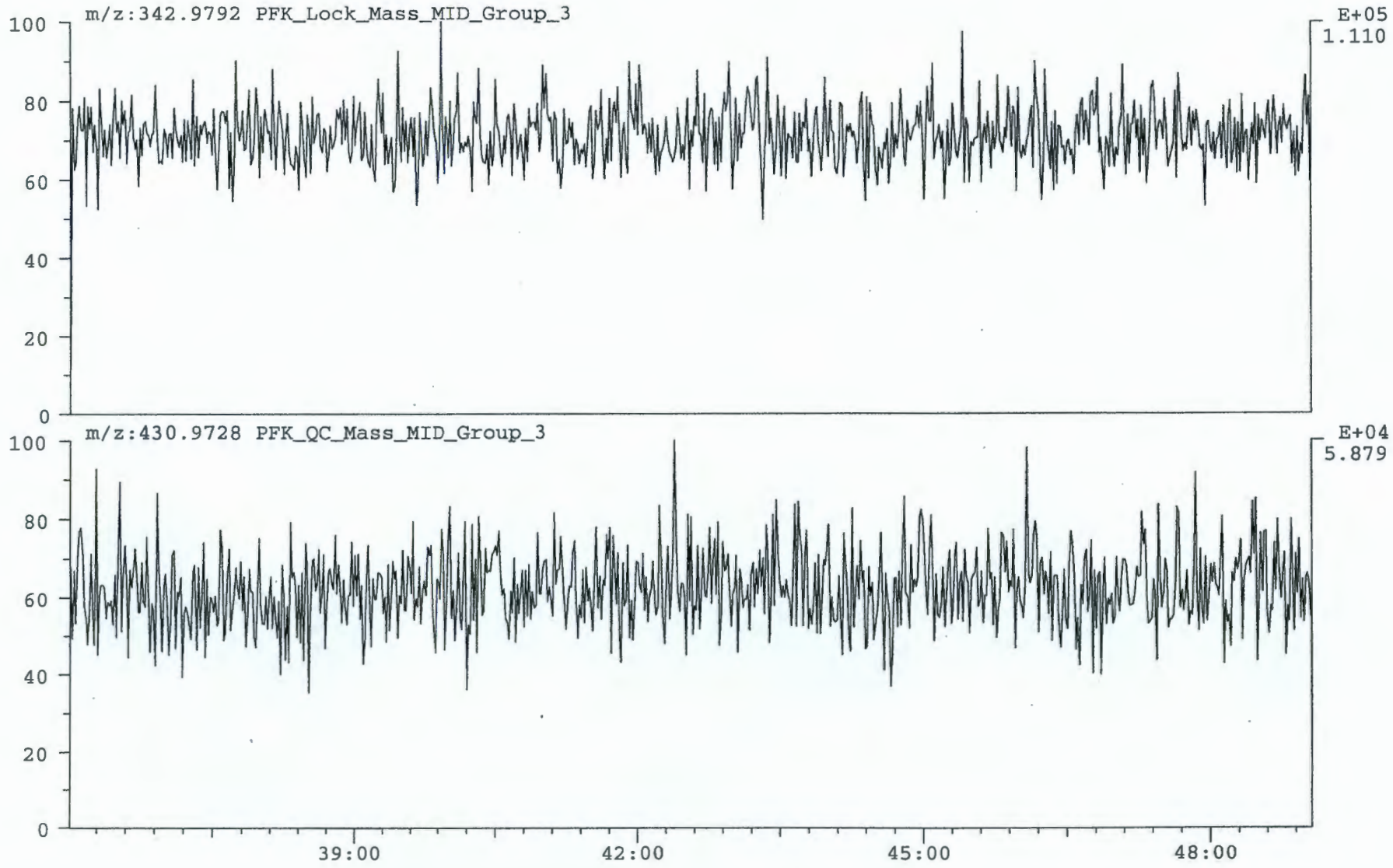
CHRO: a070928s1 28-Sep-07 Elapse: 56:12 2554
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 6 > 623 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



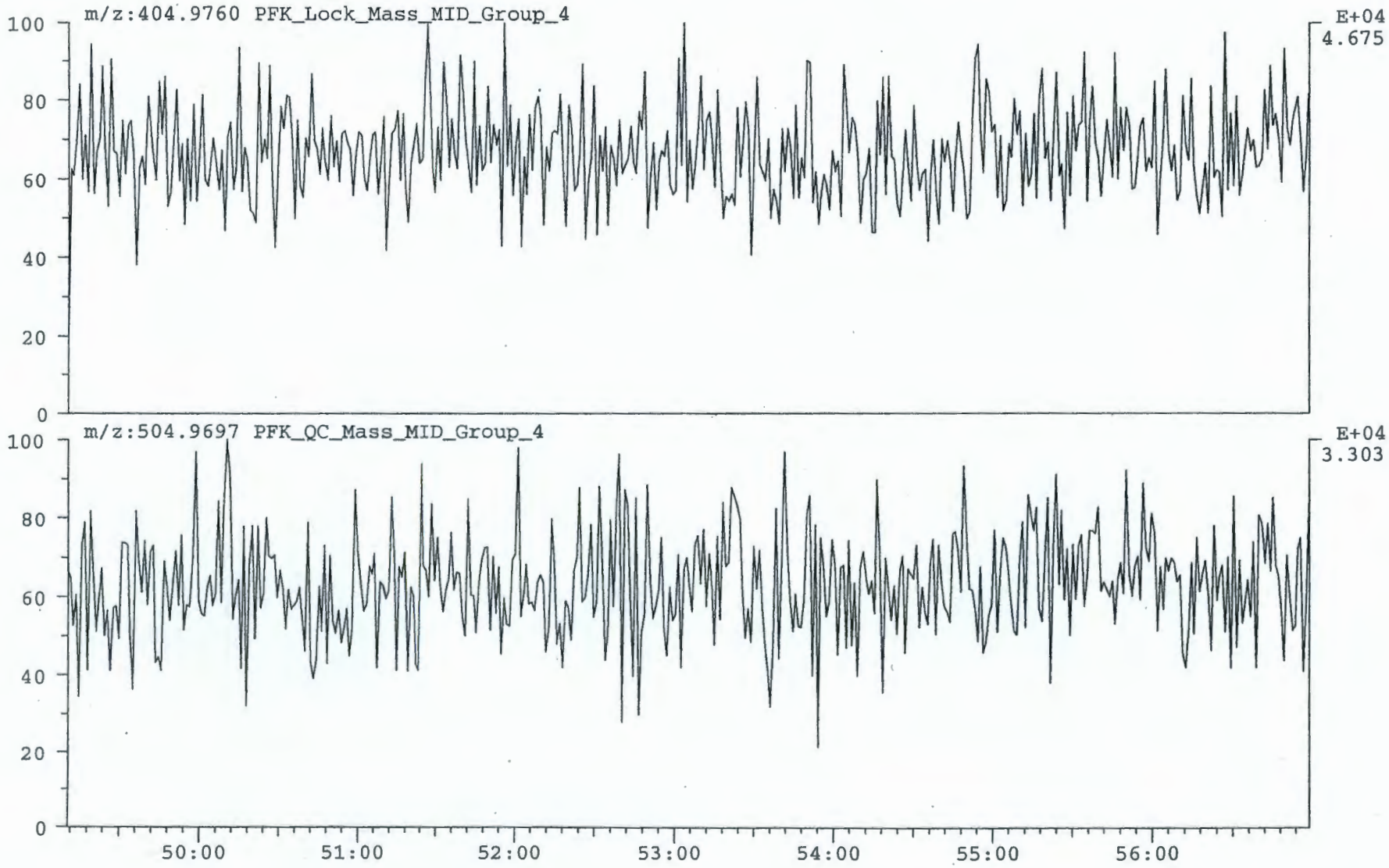
CHRO: a070928s1 28-Sep-07 Elapse: 56:12 2554
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 626 > 1409 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



```
CHRO:  a070928s1                                28-Sep-07  Elapse:  56:12      2554
Samp:  Vial 1 WO=2990:71 Meth=IE3 Dil=1                    Start :  12:05:38   2600
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 Ver
Oper:  DCG          Client:  TA Knoxville                  Inlet :  GC     Vial  1
Peak:  100.00  ppm     Label wndw:   1412 > 2153           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



CHRO: a070928s1 28-Sep-07 Elapse: 56:12 2554
Samp: Vial 1 WO=2990:71 Meth=IE3 Dil=1 Start : 12:05:38 2600
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 Ver
Oper: DCG Client: TA Knoxville Inlet : GC Vial 1
Peak: 100.00 ppm Label wndw: 2155 > 2598 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: a070928s1
Study: 1668 Ver
Sample: WO=2990:71 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: TA Knoxville
Comments: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Injected volume: 2.00
Sample from Vial 1
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 1 of list 070928
ICL procedure: sleep7x
MID procedure: epa1668

MID Remarks: EPA 1668 - 209 PCBs- 2m/z's - 6/29/05

Mid Set Up Parameter:

Measure/lock ratio	1
Damping Relay	FALSE
Width first lock	0.10 amu
Electric jump time	10 ms
Magnetic jump time	60 ms
Offset	75 cts
Electric range	300 %
Sweep peak width	3.00
MID mode	Lock mode
Acq mode	Cent mode

Mid Time Windows:

	Start	Measure	End	Cycletime
# 1	11:00 min	11:00 min	22:00 min	1.00 sec
# 2	22:00 min	13:55 min	35:55 min	1.00 sec
# 3	35:55 min	13:10 min	49:05 min	1.00 sec
# 4	49:05 min	7:55 min	57:00 min	1.00 sec

Mid Masses:
Window # 1

mass	F	int	gr	time (ms)
180.9888	l	10	1	4.10
188.0393		1	1	47.79
190.0363		1	1	47.79
200.0795		1	1	47.79
202.0766		1	1	47.79
222.0003		1	1	47.79
223.9974		1	1	47.79
234.0406		1	1	47.79
236.0376		1	1	47.79
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
269.9986		1	1	47.79
280.9824	c	10	1	4.10
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79

Window # 2

mass	F	int	gr	time (ms)
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
268.9824	1	10	1	4.10
269.9986		1	1	47.79
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
380.9760	c	10	1	4.10

Window # 3

mass	F	int	gr	time (ms)
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
342.9792	1	10	1	4.10
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
393.8025		1	1	47.79
395.7995		1	1	47.79
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
430.9728	c	10	1	4.10
439.8038		1	1	47.79
441.8008		1	1	47.79

Window # 4

mass	F	int	gr	time (ms)
393.8025		1	1	47.79
395.7995		1	1	47.79
404.9760	1	10	1	4.10
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
439.8038		1	1	47.79
441.8008		1	1	47.79
461.7246		1	1	47.79
463.7216		1	1	47.79
473.7648		1	1	47.79
475.7619		1	1	47.79
495.6856		1	1	47.79
497.6826		1	1	47.79
504.9697	c	10	1	4.10
507.7258		1	1	47.79
509.7229		1	1	47.79

Auto Sampler descriptor: 2ul
Normal Injection
Injector A
Slvnt A cln before inj (K): 3 times
Slvnt B cln before inj (L): 0 times

Sample rinse cycles	(R):	0	times
Syringe filling volume	(F):	1.0	ul
Pullup delay time	(D):	4	sec
Sample pullup count	(P):	2	times
Sample pullup speed	(E):	5.0	ul/sec
Slvnt aftr pre inj cln	(U):	0.0	ul
Air after pre inj cln	(G):	2.0	ul
Sample volume	(V):	2.0	ul
Sample air volume	(A):	2.0	ul
Injection speed	(S):	10.0	ul/sec
Pre Inj. wait time	(W):	10	sec
Post Inj. hold time	(H):	3	sec
Solvent A clean cycles	(C):	15	times
Solvent B clean cycles	(B):	0	times
Loop clean w slvnt A	(LC):	0	times
Loop clean w slvnt B	(LB):	0	times
Standard sample volume	(X):	0.0	ul
Standard air volume	(Y):	0.0	ul
2nd Injection volume	(I):	0.0	ul
Air volume of 2nd inj	(J):	0.0	ul
Time btwn 2 injections	(T):	0	sec

GC descriptor : epa1668

Injector:	270 deg		270 deg max
Transfer Line:	280 deg		280 deg max
Column:	75 deg at	0.0 minutes	280 deg max
	75 deg at	2.0 minutes	
	150 deg at	7.0 minutes	
	270 deg at	55.0 minutes	
	270 deg at	57.0 minutes	

Inlet : Splitless mode
- Purge time 1.5 min
- Purge flow 40.0 ml/min
- Gas saver is on
- Saver time 3.0 min
- Saver flow 15.0 ml/min

Column : Constant Flow 1.0 ml
Stabilize time 0.5 minutes

ICL Parameters

BCORRL	0.0150	BCORRS	0.0110	BCURR	16383.0000
BDEV	16383.0000	BFM	2.0000	BLM	1034.0919
BMASS	180.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.6235
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-16.9500
DRAWC	1.0000	DRAWS	-0.0050	ECORR	0.9992
ECURR	1.0000	EDAC	7969177.0000	EDACG	1.0003
EDACR	23.0000	EDACZ	-2255.0000	ELEN	56.3500
EMULT	2.3000	ENS	163.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	151.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	600.9615	FSLOPE	54000000.0000	FVANAL	310.0000
FVINLET	280.0000	FVSRC	948.0000	FWIN	0.7000
GCTC	75.0000	GCTI	270.0000	GCTL	280.0000
HACCU	156.0000	HCURR	1.4902	HVANAL	1350.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	IST	269.8026
ISTC	0.0000	ISTCKP	5.0000	ISTCTD	1.0000
ISTCTN	2.0000	ISTCTS	60.0000	ISTCTV	3.0000
ISTS	270.0000	LENS	1401.0000	LENSS	71.8000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2349141.2750

MDACR	23.0000	MRANGE	1034.0919	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	23028.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-7.5000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10643.8302	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	1.0000	SHIELD	2456.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.9500	TCURR	0.8203
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UOFS	5.0000
URATIO	1.9800	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2613.0000
XLENSS	-16.4000	YLENS	3698.0000	YLENSS	28.2000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 28-Sep-07 12:05:38.1

Autosampler has injected sample from vial 1
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 9607
MID Time Window 3: Resolution is 9024
MID Time Window 4: Resolution is 10124
Analysis stopped at: 28-Sep-07 13:02:41.2 (run time 57.03 minutes)
Analysis stopped because MID run finished

Raw QC Data

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....:	H7I210000 - 161B	**Work Order #....:**	J7C1T1AA	**Matrix....:**	BIOLOGICAL
Dilution Factor:	1				
Prep Date....:	09/21/07	**Analysis Date....:**	09/27/07		
Prep Batch # ....:	7264161				
Initial Wgt/Vol :	10 g	**Instrument ID....:**	M1D	**Method:**	EPA-22 1668A
Analyst ID....:	Daniel (Dan) C. Gobich				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	0.0028	Q J	0.010	0.00027	ng/g
PCB 2 (BZ)	0.0021	Q J	0.010	0.00030	ng/g
PCB 3 (BZ)	ND		0.010	0.00029	ng/g
PCB 4 (BZ)	0.0032	Q J	0.020	0.0016	ng/g
PCB 5 (BZ)	0.0012	Q J	0.010	0.0013	ng/g
PCB 6 (BZ)	0.0020	Q J	0.010	0.0012	ng/g
PCB 7 (BZ)	0.0020	Q J	0.010	0.0012	ng/g
PCB 8 (BZ)	0.0036	Q J	0.020	0.0012	ng/g
PCB 9 (BZ)	0.0018	Q J	0.010	0.0012	ng/g
PCB 10 (BZ)	0.0026	Q J	0.010	0.0013	ng/g
PCB 11 (BZ)	0.0031	Q J	0.020	0.0012	ng/g
PCB 12 (BZ)	0.0026	Q C J	0.010	0.0012	ng/g
PCB 13 (BZ)	0.0026	Q C12 J	0.010	0.0012	ng/g
PCB 14 (BZ)	0.0020	Q J	0.010	0.0010	ng/g
PCB 15 (BZ)	0.0017	Q J	0.010	0.0013	ng/g
PCB 16 (BZ)	ND		0.010	0.00090	ng/g
PCB 17 (BZ)	0.0020	J	0.010	0.00078	ng/g
PCB 18 (BZ)	0.0042	Q J	0.020	0.00082	ng/g
PCB 19 (BZ)	ND		0.010	0.00088	ng/g
PCB 20 (BZ)	0.0024	C J	0.020	0.00041	ng/g
PCB 21 (BZ)	0.0021	C J	0.010	0.00040	ng/g
PCB 22 (BZ)	0.00095	Q J	0.010	0.00042	ng/g
PCB 23 (BZ)	0.00089	J	0.010	0.00042	ng/g
PCB 24 (BZ)	ND		0.010	0.00058	ng/g
PCB 25 (BZ)	0.00055	Q J	0.010	0.00037	ng/g
PCB 26 (BZ)	0.00080	Q C J	0.010	0.00040	ng/g
PCB 27 (BZ)	ND		0.010	0.00053	ng/g
PCB 28 (BZ)	0.0024	C20 J	0.020	0.00041	ng/g
PCB 29 (BZ)	0.00080	Q C26 J	0.010	0.00040	ng/g
PCB 30 (BZ)	ND		0.020	0.00055	ng/g
PCB 31 (BZ)	0.0024	J	0.020	0.00040	ng/g
PCB 32 (BZ)	ND		0.010	0.00053	ng/g
PCB 33 (BZ)	0.0021	C21 J	0.010	0.00040	ng/g
PCB 34 (BZ)	0.00057	Q J	0.010	0.00042	ng/g
PCB 35 (BZ)	ND		0.010	0.00043	ng/g
PCB 36 (BZ)	ND		0.010	0.00040	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....: H7I210000 - 161B **Work Order #....:** J7C1T1AA **Matrix....:** BIOLOGICAL
Dilution Factor: 1
Prep Date....: 09/21/07 **Analysis Date....:** 09/27/07
Prep Batch # ....: 7264161
Initial Wgt/Vol : 10 g **Instrument ID....:** M1D **Method:** EPA-22 1668A
Analyst ID....: Daniel (Dan) C. Gobich

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	ND		0.010	0.00042	ng/g
PCB 38 (BZ)	ND		0.010	0.00041	ng/g
PCB 39 (BZ)	ND		0.010	0.00038	ng/g
PCB 40 (BZ)	ND		0.010	0.00043	ng/g
PCB 41 (BZ)	ND		0.010	0.00057	ng/g
PCB 42 (BZ)	ND		0.010	0.00048	ng/g
PCB 43 (BZ)	ND		0.010	0.00043	ng/g
PCB 44 (BZ)	**0.0031**	**Q C J**	**0.010**	**0.00040**	**ng/g**
PCB 45 (BZ)	**0.0011**	**Q C J**	**0.010**	**0.00048**	**ng/g**
PCB 46 (BZ)	ND		0.010	0.00058	ng/g
PCB 47 (BZ)	**0.0031**	**Q C44 J**	**0.010**	**0.00040**	**ng/g**
PCB 48 (BZ)	ND		0.010	0.00046	ng/g
PCB 49 (BZ)	**0.0011**	**Q J**	**0.010**	**0.00041**	**ng/g**
PCB 50 (BZ)	ND		0.010	0.00044	ng/g
PCB 51 (BZ)	**0.0011**	**Q C45 J**	**0.010**	**0.00048**	**ng/g**
PCB 52 (BZ)	**0.0021**	**J**	**0.010**	**0.00044**	**ng/g**
PCB 53 (BZ)	ND		0.010	0.00044	ng/g
PCB 54 (BZ)	ND		0.010	0.00060	ng/g
PCB 55 (BZ)	ND		0.010	0.00035	ng/g
PCB 56 (BZ)	ND		0.010	0.00033	ng/g
PCB 57 (BZ)	ND		0.010	0.00034	ng/g
PCB 58 (BZ)	ND		0.010	0.00033	ng/g
PCB 59 (BZ)	**0.00078**	**Q C J**	**0.010**	**0.00032**	**ng/g**
PCB 60 (BZ)	ND		0.010	0.00035	ng/g
PCB 61 (BZ)	ND		0.020	0.00035	ng/g
PCB 62 (BZ)	**0.00078**	**Q C59 J**	**0.010**	**0.00032**	**ng/g**
PCB 63 (BZ)	ND		0.010	0.00031	ng/g
PCB 64 (BZ)	ND		0.010	0.00031	ng/g
PCB 65 (BZ)	**0.0031**	**Q C44 J**	**0.010**	**0.00040**	**ng/g**
PCB 66 (BZ)	**0.0014**	**J**	**0.010**	**0.00032**	**ng/g**
PCB 67 (BZ)	ND		0.010	0.00032	ng/g
PCB 68 (BZ)	ND		0.010	0.00031	ng/g
PCB 69 (BZ)	ND		0.010	0.00035	ng/g
PCB 70 (BZ)	**0.0024**	**Q C J**	**0.020**	**0.00031**	**ng/g**
PCB 71 (BZ)	ND		0.010	0.00043	ng/g
PCB 72 (BZ)	ND		0.010	0.00033	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....: H7I210000 - 161B **Work Order #....:** J7C1T1AA **Matrix....:** BIOLOGICAL
Dilution Factor: 1
Prep Date....: 09/21/07 **Analysis Date....:** 09/27/07
Prep Batch # ....: 7264161
Initial Wgt/Vol : 10 g **Instrument ID....:** M1D **Method:** EPA-22 1668A
Analyst ID....: Daniel (Dan) C. Gobich

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND		0.010	0.00043	ng/g
PCB 74 (BZ)	**0.0024**	**Q C70 J**	**0.020**	**0.00031**	**ng/g**
PCB 75 (BZ)	**0.00078**	**Q C59 J**	**0.010**	**0.00032**	**ng/g**
PCB 76 (BZ)	**0.0024**	**Q C70 J**	**0.020**	**0.00031**	**ng/g**
PCB 77 (BZ)	ND		0.010	0.00033	ng/g
PCB 78 (BZ)	ND		0.010	0.00035	ng/g
PCB 79 (BZ)	ND		0.010	0.00030	ng/g
PCB 80 (BZ)	ND		0.010	0.00029	ng/g
PCB 81 (BZ)	ND		0.010	0.00032	ng/g
PCB 82 (BZ)	ND		0.010	0.00068	ng/g
PCB 83 (BZ)	ND		0.010	0.00053	ng/g
PCB 84 (BZ)	ND		0.010	0.00061	ng/g
PCB 85 (BZ)	ND		0.010	0.00042	ng/g
PCB 86 (BZ)	**0.0011**	**Q C J**	**0.010**	**0.00043**	**ng/g**
PCB 87 (BZ)	**0.0011**	**Q C86 J**	**0.010**	**0.00043**	**ng/g**
PCB 88 (BZ)	ND		0.010	0.00057	ng/g
PCB 89 (BZ)	ND		0.010	0.00058	ng/g
PCB 90 (BZ)	**0.0021**	**Q C J**	**0.010**	**0.00042**	**ng/g**
PCB 91 (BZ)	ND		0.010	0.00048	ng/g
PCB 92 (BZ)	ND		0.010	0.00054	ng/g
PCB 93 (BZ)	ND		0.010	0.00059	ng/g
PCB 94 (BZ)	ND		0.010	0.00059	ng/g
PCB 95 (BZ)	**0.0014**	**Q C J**	**0.010**	**0.00048**	**ng/g**
PCB 96 (BZ)	ND		0.010	0.00041	ng/g
PCB 97 (BZ)	**0.0011**	**Q C86 J**	**0.010**	**0.00043**	**ng/g**
PCB 98 (BZ)	ND		0.010	0.00050	ng/g
PCB 99 (BZ)	ND		0.010	0.00053	ng/g
PCB 100 (BZ)	**0.0014**	**Q C95 J**	**0.010**	**0.00048**	**ng/g**
PCB 101 (BZ)	**0.0021**	**Q C90 J**	**0.010**	**0.00042**	**ng/g**
PCB 102 (BZ)	ND		0.010	0.00050	ng/g
PCB 103 (BZ)	ND		0.010	0.00048	ng/g
PCB 104 (BZ)	ND		0.010	0.00036	ng/g
PCB 105 (BZ)	ND		0.010	0.00028	ng/g
PCB 106 (BZ)	ND		0.010	0.00032	ng/g
PCB 107 (BZ)/109 (IUPAC)	ND		0.010	0.00031	ng/g
PCB 108 (BZ)/107 (IUPAC)	ND		0.010	0.00029.	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....: H7I210000 - 161B **Work Order #....:** J7C1T1AA **Matrix....:** BIOLOGICAL
Dilution Factor: 1
Prep Date....: 09/21/07 **Analysis Date....:** 09/27/07
Prep Batch # ....: 7264161
Initial Wgt/Vol : 10 g **Instrument ID....:** M1D **Method:** EPA-22 1668A
Analyst ID....: Daniel (Dan) C. Gobich

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 109 (BZ)/108 (IUPAC)	**0.0011**	**Q C86 J**	**0.010**	**0.00043**	**ng/g**
PCB 110 (BZ)	**0.0024**	**C J**	**0.010**	**0.00036**	**ng/g**
PCB 111 (BZ)	ND		0.010	0.00037	ng/g
PCB 112 (BZ)	ND		0.010	0.00038	ng/g
PCB 113 (BZ)	**0.0021**	**Q C90 J**	**0.010**	**0.00042**	**ng/g**
PCB 114 (BZ)	ND		0.010	0.00027	ng/g
PCB 115 (BZ)	**0.0024**	**C110 J**	**0.010**	**0.00036**	**ng/g**
PCB 116 (BZ)	ND		0.010	0.00042	ng/g
PCB 117 (BZ)	ND		0.010	0.00042	ng/g
PCB 118 (BZ)	**0.0014**	**J**	**0.010**	**0.00029**	**ng/g**
PCB 119 (BZ)	**0.0011**	**Q C86 J**	**0.010**	**0.00043**	**ng/g**
PCB 120 (BZ)	ND		0.010	0.00035	ng/g
PCB 121 (BZ)	ND		0.010	0.00037	ng/g
PCB 122 (BZ)	ND		0.010	0.00031	ng/g
PCB 123 (BZ)	ND		0.010	0.00030	ng/g
PCB 124 (BZ)	ND		0.010	0.00029	ng/g
PCB 125 (BZ)	**0.0011**	**Q C86 J**	**0.010**	**0.00043**	**ng/g**
PCB 126 (BZ)	ND		0.010	0.00031	ng/g
PCB 127 (BZ)	ND		0.010	0.00029	ng/g
PCB 128 (BZ)	ND		0.010	0.00064	ng/g
PCB 129 (BZ)	**0.0020**	**C J**	**0.010**	**0.00053**	**ng/g**
PCB 130 (BZ)	ND		0.010	0.00069	ng/g
PCB 131 (BZ)	ND		0.010	0.00069	ng/g
PCB 132 (BZ)	ND		0.010	0.00069	ng/g
PCB 133 (BZ)	ND		0.010	0.00064	ng/g
PCB 134 (BZ)	ND		0.010	0.00069	ng/g
PCB 135 (BZ)	ND		0.010	0.00050	ng/g
PCB 136 (BZ)	ND		0.010	0.00041	ng/g
PCB 137 (BZ)	ND		0.010	0.00059	ng/g
PCB 138 (BZ)	**0.0020**	**C129 J**	**0.010**	**0.00053**	**ng/g**
PCB 139 (BZ)	ND		0.010	0.00057	ng/g
PCB 140 (BZ)	ND		0.010	0.00057	ng/g
PCB 141 (BZ)	ND		0.010	0.00065	ng/g
PCB 142 (BZ)	ND		0.010	0.00067	ng/g
PCB 143 (BZ)	ND		0.010	0.00069	ng/g
PCB 144 (BZ)	ND		0.010	0.00052	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....: H7I210000 - 161B **Work Order #....:** J7C1T1AA **Matrix....:** BIOLOGICAL
Dilution Factor: 1
Prep Date....: 09/21/07 **Analysis Date....:** 09/27/07
Prep Batch # ....: 7264161
Initial Wgt/Vol : 10 g **Instrument ID....:** M1D **Method:** EPA-22 1668A
Analyst ID....: Daniel (Dan) C. Gobich

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 145 (BZ)	ND		0.010	0.00038	ng/g
PCB 146 (BZ)	ND		0.010	0.00056	ng/g
PCB 147 (BZ)	**0.0014**	**C J**	**0.010**	**0.00057**	**ng/g**
PCB 148 (BZ)	ND		0.010	0.00052	ng/g
PCB 149 (BZ)	**0.0014**	**C147 J**	**0.010**	**0.00057**	**ng/g**
PCB 150 (BZ)	ND		0.010	0.00038	ng/g
PCB 151 (BZ)	ND		0.010	0.00050	ng/g
PCB 152 (BZ)	ND		0.010	0.00038	ng/g
PCB 153 (BZ)	**0.0016**	**Q C J**	**0.010**	**0.00046**	**ng/g**
PCB 154 (BZ)	ND		0.010	0.00050	ng/g
PCB 155 (BZ)	ND		0.010	0.00035	ng/g
PCB 156 (BZ)	ND		0.010	0.00058	ng/g
PCB 157 (BZ)	ND		0.010	0.00058	ng/g
PCB 158 (BZ)	ND		0.010	0.00041	ng/g
PCB 159 (BZ)	ND		0.010	0.00045	ng/g
PCB 160 (BZ)	**0.0020**	**C129 J**	**0.010**	**0.00053**	**ng/g**
PCB 161 (BZ)	ND		0.010	0.00045	ng/g
PCB 162 (BZ)	ND		0.010	0.00045	ng/g
PCB 163 (BZ)	**0.0020**	**C129 J**	**0.010**	**0.00053**	**ng/g**
PCB 164 (BZ)	ND		0.010	0.00048	ng/g
PCB 165 (BZ)	ND		0.010	0.00049	ng/g
PCB 166 (BZ)	ND		0.010	0.00045	ng/g
PCB 167 (BZ)	ND		0.010	0.00030	ng/g
PCB 168 (BZ)	**0.0016**	**Q C153 J**	**0.010**	**0.00046**	**ng/g**
PCB 169 (BZ)	ND		0.010	0.00034	ng/g
PCB 170 (BZ)	ND		0.010	0.00043	ng/g
PCB 171 (BZ)	ND		0.010	0.00043	ng/g
PCB 172 (BZ)	ND		0.010	0.00043	ng/g
PCB 173 (BZ)	ND		0.010	0.00043	ng/g
PCB 174 (BZ)	ND		0.010	0.00039	ng/g
PCB 175 (BZ)	ND		0.010	0.00039	ng/g
PCB 176 (BZ)	ND		0.010	0.00029	ng/g
PCB 177 (BZ)	ND		0.010	0.00041	ng/g
PCB 178 (BZ)	ND		0.010	0.00041	ng/g
PCB 179 (BZ)	ND		0.010	0.00030	ng/g
PCB 180 (BZ)	ND		0.010	0.00032	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....: H7I210000 - 161B **Work Order #....:** J7C1T1AA **Matrix....:** BIOLOGICAL
Dilution Factor: 1
Prep Date....: 09/21/07 **Analysis Date....:** 09/27/07
Prep Batch # ....: 7264161
Initial Wgt/Vol : 10 g **Instrument ID....:** M1D **Method:** EPA-22 1668A
Analyst ID....: Daniel (Dan) C. Gobich

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 181 (BZ)	ND	0.010	0.00037	ng/g
PCB 182 (BZ)	ND	0.010	0.00037	ng/g
PCB 183 (BZ)	ND	0.010	0.00038	ng/g
PCB 184 (BZ)	ND	0.010	0.00031	ng/g
PCB 185 (BZ)	ND	0.010	0.00039	ng/g
PCB 186 (BZ)	ND	0.010	0.00030	ng/g
PCB 187 (BZ)	ND	0.010	0.00036	ng/g
PCB 188 (BZ)	ND	0.010	0.00028	ng/g
PCB 189 (BZ)	ND	0.010	0.00026	ng/g
PCB 190 (BZ)	ND	0.010	0.00029	ng/g
PCB 191 (BZ)	ND	0.010	0.00029	ng/g
PCB 192 (BZ)	ND	0.010	0.00031	ng/g
PCB 193 (BZ)	ND	0.010	0.00032	ng/g
PCB 194 (BZ)	ND	0.010	0.00029	ng/g
PCB 195 (BZ)	ND	0.010	0.00032	ng/g
PCB 196 (BZ)	ND	0.010	0.00034	ng/g
PCB 197 (BZ)	ND	0.010	0.00024	ng/g
PCB 198 (BZ)	ND	0.010	0.00033	ng/g
PCB 201 (BZ)/199 (IUPAC)	ND	0.010	0.00033	ng/g
PCB 199 (BZ)/200 (IUPAC)	ND	0.010	0.00024	ng/g
PCB 200 (BZ)/201 (IUPAC)	ND	0.010	0.00023	ng/g
PCB 202 (BZ)	ND	0.010	0.00025	ng/g
PCB 203 (BZ)	ND	0.010	0.00029	ng/g
PCB 204 (BZ)	ND	0.010	0.00024	ng/g
PCB 205 (BZ)	ND	0.010	0.00023	ng/g
PCB 206 (BZ)	ND	0.010	0.00035	ng/g
PCB 207 (BZ)	ND	0.010	0.00025	ng/g
PCB 208 (BZ)	ND	0.010	0.00025	ng/g
PCB 209 (BZ)	ND	0.010	0.00025	ng/g

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....:	H7I210000 - 161B	**Work Order #....:**	J7C1T1AA	**Matrix....:**	BIOLOGICAL
Dilution Factor:	1				
Prep Date....:	09/21/07	**Analysis Date....:**	09/27/07		
Prep Batch # ....:	7264161				
Initial Wgt/Vol :	10 g	**Instrument ID....:**	M1D	**Method:**	EPA-22 1668A
Analyst ID....:	Daniel (Dan) C. Gobich				

INTERNAL STANDARDS	PERCENT RECOVERY		RECOVERY LIMITS
13C12-PCB 1	55		30 - 140
13C12-PCB 3	55		30 - 140
13C12-PCB 4	66		30 - 140
13C12-PCB 15	72		30 - 140
13C12-PCB 19	74		30 - 140
13C12-PCB 37	88		30 - 140
13C12-PCB 54	75		30 - 140
13C12-PCB 77	95		30 - 140
13C12-PCB 81	91		30 - 140
13C12-PCB 104	83		30 - 140
13C12-PCB 105	91		30 - 140
13C12-PCB 114	88		30 - 140
13C12-PCB 118	90		30 - 140
13C12-PCB 123	87		30 - 140
13C12-PCB 126	87		30 - 140
13C12-PCB 155	98		30 - 140
13C12-PCB 156	95	C	30 - 140
13C12-PCB 157	95	C	30 - 140
13C12-PCB 167	94		30 - 140
13C12-PCB 169	80		30 - 140
13C12-PCB 170	101		30 - 140
13C12-PCB 188	95		30 - 140
13C12-PCB 189	97		30 - 140
13C12-PCB 202	100		30 - 140
13C12-PCB 205	96		30 - 140
13C12-PCB 206	104		30 - 140
13C12-PCB 208	115		30 - 140
13C12-PCB 209	114		30 - 140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	80	40 - 125
13C12-PCB 111	97	40 - 125
13C12-PCB 178	89	40 - 125

Method Blank Report

Trace Level Organic Compounds

Lot - Sample #....:	H7I210000 - 161B	**Work Order #....:**	J7C1T1AA	**Matrix....:**	BIOLOGICAL
Dilution Factor:	1				
Prep Date....:	09/21/07	**Analysis Date....:**	09/27/07		
Prep Batch # ....:	7264161				
Initial Wgt/Vol :	10 g	**Instrument ID....:**	M1D	**Method:**	EPA-22 1668A
Analyst ID....:	Daniel (Dan) C. Gobich				

QUALIFIERS

C Co-eluting isomer.

J Estimated Result.

Q Estimated maximum possible concentration (EMPC).

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	N1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
Total Monochlorobiphenyl		10256	3279			0.049171		0.004917	QJ	0.000855
13C12-PCB 1	12:11	1680759	535088	1.318	10.00	5.539788	55.40	0.553979		0.000764
13C12-PCB 3	14:26	1678861	459102	1.325	10.00	5.500928	55.01	0.550093		0.000759
PCB 1 (BZ)	12:12	5844	1944	1.253		0.027752		0.002775	QJ	0.000268
PCB 2 (BZ)	14:16	4412	1335	1.226		0.021419		0.002142	QJ	0.000295
PCB 3 (BZ)				1.348				ND		0.000291
Total Dichlorobiphenyl		48300	12021			0.257677		0.025768	QJ	0.0138
13C12-PCB 4	14:43	930692	285048	0.615	10.00	6.573789	65.74	0.657379		0.00109
13C12-PCB 9	16:39	2302518	606192	1.000	10.00	10.000000	100.00	1.000000		0.000672
13C12-PCB 8				1.332	5.000			ND		0.000956
13C12-PCB 15	20:43	1770368	355047	1.065	10.00	7.221004	72.21	0.722100		0.000631
PCB 4 (BZ)	14:44	3607	998	1.212		0.031988		0.003199	QJ	0.00162
PCB 10 (BZ)	14:53	4626	1285	1.326		0.025840		0.002584	QJ	0.00132
PCB 9 (BZ)	16:41	3420	916	1.445		0.017521		0.001752	QJ	0.00121
PCB 7 (BZ)	16:49	3920	1314	1.432		0.020276		0.002028	QJ	0.00122
PCB 6 (BZ)	17:08	3960	857	1.450		0.020219		0.002022	QJ	0.00121
PCB 5 (BZ)	17:29	2260	510	1.356		0.012340		0.001234	QJ	0.00129
PCB 8 (BZ)	17:33	7119	1912	1.477		0.035692		0.003569	QJ	0.00118
PCB 14 (BZ)	19:10	4578	1136	1.687		0.020090		0.002009	QJ	0.00104
PCB 11 (BZ)	20:04	6005	1428	1.448		0.030711		0.003071	QJ	0.00121
PCB 13 (BZ)		5191		1.454		0.026434		0.002643	QC12J	0.00120
PCB 12 (BZ)	20:24	5191	1004	1.454		0.026434		0.002643	QCJ	0.00120
PCB 15 (BZ)	20:44	3615	661	1.233		0.016565		0.001657	QJ	0.00128
Total Trichlorobiphenyl		33053	8529			0.169435		0.016944	QJ	0.0108
13C12-PCB 19	17:54	697523	188186	0.558	10.00	7.382857	73.83	0.738286		0.00336
13C12-PCB 32	21:09	1692123	382475	1.000	10.00	10.000000	100.00	1.000000		0.00188
13C12-PCB 31	23:24	2613521	564630	1.000	10.00	10.000000	100.00	1.000000		0.00127
13C12-PCB 28	23:41	2014168	426083	0.968	10.00	7.962653	79.63	0.796265		0.00131
13C12-PCB 37	27:48	2036794	383372	0.885	10.00	8.803471	88.03	0.880347		0.00144
PCB 19 (BZ)				1.178				ND		0.000880
PCB 30 (BZ)				1.874				ND		0.000553
PCB 18 (BZ)	19:45	3692	1369	1.262		0.041932		0.004193	QJ	0.000821
PCB 17 (BZ)	20:10	1881	654	1.326		0.020338		0.002034	J	0.000781
PCB 27 (BZ)				1.945				ND		0.000533
PCB 24 (BZ)				1.782				ND		0.000581
PCB 16 (BZ)				1.157				ND		0.000895
PCB 32 (BZ)				1.966				ND		0.000527
PCB 34 (BZ)	22:22	1424	434	1.216		0.005750		0.000575	QJ	0.000418
PCB 23 (BZ)	22:30	2195	834	1.208		0.008923		0.000892	J	0.000421
PCB 29 (BZ)	22:53	2048	728	1.265		0.007951		0.000795	QC26J	0.000402
PCB 26 (BZ)		2048		1.265		0.007951		0.000795	QCJ	0.000402
PCB 25 (BZ)	23:07	1520	414	1.362		0.005480		0.000548	QJ	0.000374
PCB 31 (BZ)	23:25	6401	1455	1.285		0.024448		0.002445	J	0.000396
PCB 28 (BZ)	23:43	6178	1646	1.238		0.024495		0.002449	C20J	0.000411
PCB 20 (BZ)		6178		1.238		0.024495		0.002449	CJ	0.000411
PCB 21 (BZ)		5358		1.276		0.020622		0.002062	CJ	0.000399
PCB 33 (BZ)	23:59	5358	1091	1.276		0.020622		0.002062	C21J	0.000399
PCB 22 (BZ)	24:24	2356	632	1.218		0.009496		0.000950	QJ	0.000418
PCB 36 (BZ)				1.286				ND		0.000396

BN 9/25/07 DC 10/1/07

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 39 (BZ)				1.330				ND		0.000382
PCB 38 (BZ)				1.246				ND		0.000408
PCB 35 (BZ)				1.195				ND		0.000426
PCB 37 (BZ)				1.224				ND		0.000415
Total Tetrachlorobiphenyl		23118	3422			0.119703		0.011970	QJ	0.0123
13C12-PCB 54	21:03	756664	185605	0.598	10.00	7.483063	74.83	0.748306		0.00115
13C12-PCB 52	25:32	1471353	312440	1.000	10.00	10.000000	100.00	1.000000		0.000840
13C12-PCB 79				1.089	5.000			ND		0.000735
13C12-PCB 81	34:30	1714295	319337	1.286	10.00	9.057066	90.57	0.905707		0.000653
13C12-PCB 77	35:07	1803796	336670	1.297	10.00	9.450803	94.51	0.945080		0.000648
PCB 54 (BZ)				1.211				ND		0.000601
PCB 50 (BZ)				0.927				ND	C	0.000444
PCB 53 (BZ)				0.927				ND	C50	0.000444
PCB 45 (BZ)		1653		0.857		0.010964		0.001096	QCJ	0.000480
PCB 51 (BZ)	23:56	1653	476	0.857		0.010964		0.001096	QC45J	0.000480
PCB 46 (BZ)				0.706				ND		0.000583
PCB 52 (BZ)	25:33	3364	974	0.926		0.020654		0.002065	J	0.000445
PCB 73 (BZ)				0.957				ND	C43	0.000430
PCB 43 (BZ)				0.957				ND	C	0.000430
PCB 69 (BZ)				1.180				ND		0.000349
PCB 49 (BZ)	26:01	1947	609	1.005		0.011010		0.001101	QJ	0.000409
PCB 48 (BZ)				0.886				ND		0.000465
PCB 65 (BZ)		5609		1.024		0.031148		0.003115	QC44J	0.000402
PCB 47 (BZ)	26:35	5609	770	1.024		0.031148		0.003115	QC44J	0.000402
PCB 44 (BZ)		5609		1.024		0.031148		0.003115	QCJ	0.000402
PCB 62 (BZ)	26:47	1779	497	1.297		0.007801		0.000780	QC59J	0.000317
PCB 75 (BZ)		1779		1.297		0.007801		0.000780	QC59J	0.000317
PCB 59 (BZ)		1779		1.297		0.007801		0.000780	QCJ	0.000317
PCB 42 (BZ)				0.860				ND		0.000479
PCB 41 (BZ)				0.723				ND		0.000569
PCB 71 (BZ)				0.953				ND	C40	0.000432
PCB 40 (BZ)				0.953				ND	C	0.000432
PCB 64 (BZ)				1.313				ND		0.000313
PCB 72 (BZ)				1.257				ND		0.000327
PCB 68 (BZ)				1.327				ND		0.000310
PCB 57 (BZ)				1.194				ND		0.000345
PCB 58 (BZ)				1.260				ND		0.000327
PCB 67 (BZ)				1.286				ND		0.000320
PCB 63 (BZ)				1.339				ND		0.000307
PCB 61 (BZ)				1.190				ND		0.000346
PCB 70 (BZ)	30:20	5609	1180	1.317		0.024210		0.002421	QCJ	0.000312
PCB 76 (BZ)		5609		1.317		0.024210		0.002421	QC70J	0.000312
PCB 74 (BZ)		5609		1.317		0.024210		0.002421	QC70J	0.000312
PCB 66 (BZ)	30:42	3156	659	1.289		0.013916		0.001392	J	0.000319
PCB 55 (BZ)				1.161				ND		0.000355
PCB 56 (BZ)				1.231				ND		0.000334
PCB 60 (BZ)				1.191				ND		0.000346
PCB 80 (BZ)				1.416				ND		0.000291
PCB 79 (BZ)				1.371				ND		0.000300

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 78 (BZ)				1.181				ND		0.000348
PCB 81 (BZ)				1.317				ND		0.000321
PCB 77 (BZ)				1.200				ND		0.000334
Total Pentachlorobiphenyl		12908	2393			0.083419		0.008342	QJ	0.0135
13C12-PCB 104	26:26	1398146	302460	1.260	10.00	8.320299	83.20	0.832030		0.000932
13C12-PCB 95				0.741	5.000			ND		0.00144
13C12-PCB 101	32:18	1333915	274747	1.000	10.00	10.000000	100.00	1.000000		0.00117
13C12-PCB 111	34:54	1585325	314900	1.229	10.00	9.670195	96.70	0.967020		0.000955
13C12-PCB 123	36:58	1904126	367979	0.955	10.00	8.710745	87.11	0.871075		0.000774
13C12-PCB 118	37:17	2034651	400970	0.988	10.00	8.992250	89.92	0.899225		0.000748
13C12-PCB 114	37:50	1964226	394335	0.971	10.00	8.835360	88.35	0.883536		0.000762
13C12-PCB 105	38:35	1971780	372733	0.941	10.00	9.148077	91.48	0.914808		0.000785
13C12-PCB 127	39:54	2290116	436244	1.000	10.00	10.000000	100.00	1.000000		0.000739
13C12-PCB 126	41:38	1955560	359136	0.978	10.00	8.732769	87.33	0.873277		0.000756
PCB 104 (BZ)				1.149				ND		0.000360
PCB 96 (BZ)				1.014				ND		0.000408
PCB 103 (BZ)				0.866				ND		0.000477
PCB 94 (BZ)				0.703				ND		0.000588
PCB 95 (BZ)	29:32	1650	548	0.859		0.013744		0.001374	QCJ	0.000481
PCB 100 (BZ)		1650		0.859		0.013744		0.001374	QC95J	0.000481
PCB 93 (BZ)				0.701				ND		0.000589
PCB 102 (BZ)				0.822				ND	C98	0.000503
PCB 98 (BZ)				0.822				ND	C	0.000503
PCB 88 (BZ)				0.723				ND		0.000572
PCB 91 (BZ)				0.864				ND		0.000478
PCB 84 (BZ)				0.679				ND		0.000608
PCB 89 (BZ)				0.717				ND		0.000576
PCB 121 (BZ)				1.105				ND		0.000374
PCB 92 (BZ)				0.772				ND		0.000535
PCB 113 (BZ)	32:20	2851	574	0.990		0.020604		0.002060	QC90J	0.000418
PCB 90 (BZ)		2851		0.990		0.020604		0.002060	QCJ	0.000418
PCB 101 (BZ)		2851		0.990		0.020604		0.002060	QC90J	0.000418
PCB 83 (BZ)				0.777				ND	C	0.000532
PCB 99 (BZ)				0.777				ND	C83	0.000532
PCB 112 (BZ)				1.079				ND		0.000383
PCB 109 (BZ)/108 (IUPAC)		1517		0.967		0.011225		0.001122	QC86J	0.000427
PCB 86 (BZ)		1517		0.967		0.011225		0.001122	QCJ	0.000427
PCB 119 (BZ)		1517		0.967		0.011225		0.001122	QC86J	0.000427
PCB 97 (BZ)		1517		0.967		0.011225		0.001122	QC86J	0.000427
PCB 125 (BZ)		1517		0.967		0.011225		0.001122	QC86J	0.000427
PCB 87 (BZ)	33:36	1517	505	0.967		0.011225		0.001122	QC86J	0.000427
PCB 117 (BZ)				0.979				ND	C85	0.000422
PCB 116 (BZ)				0.979				ND	C85	0.000422
PCB 85 (BZ)				0.979				ND	C	0.000422
PCB 110 (BZ)	34:24	3852	1052	1.139		0.024194		0.002419	CJ	0.000363
PCB 115 (BZ)		3852		1.139		0.024194		0.002419	C110J	0.000363
PCB 82 (BZ)				0.605				ND		0.000684
PCB 111 (BZ)				1.129				ND		0.000366
PCB 120 (BZ)				1.192				ND		0.000347

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 124 (BZ)				1.123				ND	C108	0.000294
PCB 108 (BZ)/107 (IUPAC)				1.123				ND	C	0.000294
PCB 107 (BZ)/109 (IUPAC)				1.074				ND		0.000307
PCB 123 (BZ)				1.136				ND		0.000299
PCB 106 (BZ)				1.046				ND		0.000315
PCB 118 (BZ)	37:17	3038	793	1.094		0.013652		0.001365	J	0.000285
PCB 122 (BZ)				1.047				ND		0.000315
PCB 114 (BZ)				1.196				ND		0.000265
PCB 105 (BZ)				1.218				ND		0.000275
PCB 127 (BZ)				1.130				ND		0.000292
PCB 126 (BZ)				1.111				ND		0.000313
Total Hexachlorobiphenyl		8588	1826			0.049955		0.004995	JQ	0.0165
13C12-PCB 155	31:56	1532354	331707	1.178	10.00	9.752547	97.53	0.975255		0.000865
13C12-PCB 153				0.833	5.000			ND		0.00127
13C12-PCB 138	40:24	1626943	319445	1.000	10.00	10.000000	100.00	1.000000		0.000877
13C12-PCB 167	43:19	1886217	378037	1.237	10.00	9.375105	93.75	0.937510		0.000709
13C12-PCB 156	44:36	3801410	392143	1.229	20.00	19.014624	95.07	1.901462		0.000713
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:46	1545887	289157	1.188	10.00	8.000991	80.01	0.800099		0.000738
PCB 155 (BZ)				1.117				ND		0.000351
PCB 152 (BZ)				1.023				ND		0.000383
PCB 150 (BZ)				1.032				ND		0.000380
PCB 136 (BZ)				0.967				ND		0.000405
PCB 145 (BZ)				1.021				ND		0.000384
PCB 148 (BZ)				0.749				ND		0.000523
PCB 151 (BZ)				0.781				ND	C135	0.000502
PCB 135 (BZ)				0.781				ND	C	0.000502
PCB 154 (BZ)				0.781				ND	C135	0.000502
PCB 144 (BZ)				0.759				ND		0.000517
PCB 147 (BZ)	36:11	2233	549	0.862		0.014329		0.001433	CJ	0.000570
PCB 149 (BZ)		2233		0.862		0.014329		0.001433	C147J	0.000570
PCB 134 (BZ)				0.711				ND	C	0.000690
PCB 143 (BZ)				0.711				ND	C134	0.000690
PCB 139 (BZ)				0.856				ND	C	0.000574
PCB 140 (BZ)				0.856				ND	C139	0.000574
PCB 131 (BZ)				0.713				ND		0.000688
PCB 142 (BZ)				0.735				ND		0.000668
PCB 132 (BZ)				0.710				ND		0.000691
PCB 133 (BZ)				0.768				ND		0.000639
PCB 165 (BZ)				0.993				ND		0.000494
PCB 146 (BZ)				0.874				ND		0.000562
PCB 161 (BZ)				1.090				ND		0.000450
PCB 153 (BZ)	39:03	3029	939	1.068		0.015679		0.001568	QCJ	0.000459
PCB 168 (BZ)		3029		1.068		0.015679		0.001568	QC153J	0.000459
PCB 141 (BZ)				0.756				ND		0.000649
PCB 130 (BZ)				0.708				ND		0.000693
PCB 137 (BZ)				0.835				ND		0.000588
PCB 164 (BZ)				1.033				ND		0.000475
PCB 138 (BZ)	40:24	3326	887	0.922		0.019948		0.001995	C129J	0.000532

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 163 (BZ)		3326		0.922		0.019948		0.001995	C129J	0.000532
PCB 129 (BZ)		3326		0.922		0.019948		0.001995	CJ	0.000532
PCB 160 (BZ)		3326		0.922		0.019948		0.001995	C129J	0.000532
PCB 158 (BZ)				1.191				ND		0.000412
PCB 166 (BZ)				1.102				ND		0.000445
PCB 128 (BZ)				0.769				ND		0.000638
PCB 159 (BZ)				1.079				ND		0.000455
PCB 162 (BZ)				1.079				ND		0.000455
PCB 167 (BZ)				1.150				ND		0.000299
PCB 156 (BZ)				1.151				ND	C	0.000576
PCB 157 (BZ)				1.151				ND	C156	0.000576
PCB 169 (BZ)				1.337				ND		0.000336
Total Heptachlorobiphenyl								ND		0.00771
13C12-PCB 188	37:39	1763454	365927	1.238	10.00	9.467909	94.68	0.946791		0.000766
13C12-PCB 178	40:45	1151818	231662	0.863	10.00	8.871260	88.71	0.887126		0.00110
13C12-PCB 180	45:48	1504324	305774	1.000	10.00	10.000000	100.00	1.000000		0.000948
13C12-PCB 170	47:10	1230656	244267	0.813	10.00	10.056596	100.57	1.005660		0.00117
13C12-PCB 189	50:12	1982638	378696	1.620	10.00	9.677918	96.78	0.967792		0.000730
PCB 188 (BZ)				1.071				ND		0.000281
PCB 179 (BZ)				1.200				ND		0.000300
PCB 184 (BZ)				1.178				ND		0.000306
PCB 176 (BZ)				1.252				ND		0.000288
PCB 186 (BZ)				1.214				ND		0.000297
PCB 178 (BZ)				0.889				ND		0.000405
PCB 175 (BZ)				0.920				ND		0.000392
PCB 187 (BZ)				1.009				ND		0.000357
PCB 182 (BZ)				0.972				ND		0.000371
PCB 183 (BZ)				0.946				ND		0.000381
PCB 185 (BZ)				0.919				ND		0.000392
PCB 174 (BZ)				0.924				ND		0.000390
PCB 177 (BZ)				0.880				ND		0.000410
PCB 181 (BZ)				0.975				ND		0.000370
PCB 171 (BZ)				0.835				ND	C	0.000432
PCB 173 (BZ)				0.835				ND	C171	0.000432
PCB 172 (BZ)				0.838				ND		0.000430
PCB 192 (BZ)				1.147				ND		0.000314
PCB 193 (BZ)				1.134				ND	C180	0.000318
PCB 180 (BZ)				1.134				ND	C	0.000318
PCB 191 (BZ)				1.228				ND		0.000294
PCB 170 (BZ)				1.058				ND		0.000426
PCB 190 (BZ)				1.254				ND		0.000288
PCB 189 (BZ)				1.097				ND		0.000265
Total Octachlorobiphenyl								ND		0.00302
13C12-PCB 202	43:01	1501304	307050	0.994	10.00	10.042343	100.42	1.004234		0.000658
13C12-PCB 194	52:15	1264224	245312	1.000	10.00	10.000000	100.00	1.000000		0.000815
13C12-PCB 205	52:42	1713382	335898	1.407	10.00	9.634143	96.34	0.963414		0.000580
PCB 202 (BZ)				0.993				ND		0.000254
PCB 200 (BZ)/201 (IUPAC)				1.087				ND		0.000232
PCB 204 (BZ)				1.033				ND		0.000244

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/27/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	14:34	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 197 (BZ)				1.061				ND		0.000238
PCB 199 (BZ)/200 (IUPAC)				1.031				ND		0.000245
PCB 198 (BZ)				0.761				ND	C	0.000332
PCB 201 (BZ)/199 (IUPAC)				0.761				ND	C198	0.000332
PCB 196 (BZ)				0.752				ND		0.000336
PCB 203 (BZ)				0.856				ND		0.000295
PCB 195 (BZ)				0.723				ND		0.000319
PCB 194 (BZ)				0.795				ND		0.000290
PCB 205 (BZ)				0.984				ND		0.000234
Total Nonachlorobiphenyl								ND		0.000851
13C12-PCB 208	49:37	1688917	329987	1.161	10.00	11.506002	115.06	1.150600		0.000790
13C12-PCB 206	54:23	1082871	218417	0.823	10.00	10.411900	104.12	1.041190		0.00111
PCB 208 (BZ)				1.026				ND		0.000251
PCB 207 (BZ)				1.264				ND		0.000245
PCB 206 (BZ)				1.097				ND		0.000355
13C12-PCB 209	55:55	1344031	250076	0.930	10.00	11.430258	114.30	1.143026		0.000997
PCB 209 (BZ)				1.006				ND		0.000249

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/27/07 14:34	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
188					188.0393	190.0363	188.0393	190.0363	2.66-3.60		
	Noise	00:00	00:00	0	95	85	38	34	1.12 *	/	
	PCB 1 (BZ)	12:12	12:15	-3	4429	1934	1473	925	2.29 *	ABB/ABB	R
	PCB 2 (BZ)	14:16	14:18	-2	3344	1367	1012	404	2.45 *	ABB/ABB	R
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	260	350	104	140	0.74 *	/	
	13C12-PCB 1	12:11	12:14	-3	1290614	390145	410971	124117	3.31	ABV/ABV	
	13C12-PCB 3	14:26	14:27	-1	1291610	387251	352455	106647	3.34	ABV/AVV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	140	420	56	168	0.33 *	/	
	PCB 4 (BZ)	14:44	14:45	-1	2198	10504	608	1159	0.21 *	MVV/MBB	RT
	PCB 10 (BZ)	14:53	14:55	-2	2819	7122	783	1367	0.40 *	MVV/MVV	R
	PCB 9 (BZ)	16:41	16:42	-1	2084	6205	558	1238	0.34 *	ABB/ABV	R
	PCB 7 (BZ)	16:49	16:51	-2	2389	4839	801	1193	0.49 *	ABB/AVV	R
	PCB 6 (BZ)	17:08	17:08	0	2413	3708	522	1270	0.65 *	MBB/ABB	R
	PCB 5 (BZ)	17:29	17:27	2	1377	4417	311	990	0.31 *	ABV/MVV	RT
	PCB 8 (BZ)	17:33	17:35	-2	4338	5982	1165	1177	0.73 *	AVB/MBB	R
	PCB 14 (BZ)	19:10	19:09	1	2790	8039	692	1210	0.35 *	ABB/ABV	R
	PCB 11 (BZ)	20:04	20:04	0	3659	12127	870	1677	0.30 *	MVV/MVV	R
	PCB 12 (BZ)	20:24	20:23	1	3163	9478	612	1721	0.33 *	MVV/MVV	R
	PCB 15 (BZ)	20:44	20:41	3	2203	7181	403	1151	0.31 *	MVV/MVV	R
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	230	178	92	71	1.30 *	/	
	13C12-PCB 4	14:43	14:44	-1	582137	348555	174815	110233	1.67	ABV/ABV	
	13C12-PCB 9	16:39	16:40	-1	1425392	877126	374954	231238	1.63	ABV/ABV	
	13C12-PCB 15	20:43	20:41	2	1096715	673653	218740	136307	1.63	ABV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	120	75	48	30	1.60 *	/	
	PCB 18 (BZ)	19:45	19:45	0	1882	2227	698	593	0.85 *	MBB/ABB	R
	PCB 17 (BZ)	20:10	20:10	0	922	959	296	358	0.96	MBB/ABB	
	PCB 34 (BZ)	22:22	22:23	-1	726	1372	221	495	0.53 *	ABV/ABB	R
	PCB 23 (BZ)	22:30	22:30	0	1118	1077	521	313	1.04	AVB/ABB	
	PCB 29 (BZ)	22:53	22:50	3	1630	1004	494	357	1.62 *	MBB/MVV	R
	PCB 25 (BZ)	23:07	23:04	3	1775	745	333	203	2.38 *	MBB/MVV	R
	PCB 31 (BZ)	23:25	23:25	0	3349	3052	747	708	1.10	ABB/ABB	
	PCB 28 (BZ)	23:43	23:41	2	3003	3175	908	738	0.95	MBV/MBB	
	PCB 33 (BZ)	23:59	23:59	0	2563	2795	542	549	0.92	MVB/ABB	
	PCB 22 (BZ)	24:24	24:23	1	1735	1155	363	310	1.50 *	ABB/MVV	R
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	398	320	159	128	1.24 *	/	
	13C12-PCB 19	17:54	17:54	0	369977	327546	101961	86225	1.13	AVV/ABV	
	13C12-PCB 32	21:09	21:09	0	909787	782336	202050	180425	1.16	ABV/AVV	
	13C12-PCB 31	23:24	23:23	1	1340381	1273140	292810	271820	1.05	ABV/ABV	
	13C12-PCB 28	23:41	23:40	1	1047235	966933	218475	207608	1.08	AVV/AVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/27/07 14:34	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	13C12-PCB 37	27:48	27:44	4	1045424	991370	197229	186143	1.05	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	63	73	25	29	0.86	/	
	PCB 51 (BZ)	23:56	23:55	1	1017	934	311	269	1.09 *	ABB/ABB	RM
	PCB 52 (BZ)	25:33	25:33	0	1500	1864	377	597	0.80	MBB/ABB	
	PCB 49 (BZ)	26:01	26:01	0	1276	1100	363	344	1.16 *	MBB/ABB	R
	PCB 47 (BZ)	26:35	26:32	3	3006	3169	511	435	0.95 *	ABB/ABB	R
	PCB 62 (BZ)	26:47	26:46	1	774	1657	216	371	0.47 *	MVV/MBB	R
	PCB 70 (BZ)	30:20	30:18	2	2338	3271	568	612	0.71	ABB/ABB	T
	PCB 66 (BZ)	30:42	30:38	4	1477	1679	335	324	0.88	ABB/ABB	
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	133	130	53	52	1.02 *	/	
	13C12-PCB 54	21:03	21:02	1	351314	405350	87368	98237	0.87	ABV/ABV	
	13C12-PCB 52	25:32	25:32	0	636417	834936	136660	175780	0.76	ABV/ABV	
	13C12-PCB 81	34:30	34:26	4	747911	966384	140000	179337	0.77	ABV/ABV	
	Unidentified	34:54	00:00	0	4690	4870	1022	1191	0.96 *	AVV/AVV	R
	13C12-PCB 77	35:07	35:02	5	805974	997822	151215	185455	0.81	AVV/AVV	M
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	63	63	25	25	1.00 *	/	
	PCB 95 (BZ)	29:32	29:30	2	1003	972	333	335	1.03 *	ABB/MVV	R
	PCB 113 (BZ)	32:20	32:18	2	2227	1118	575	225	1.99 *	ABB/ABB	R
	PCB 87 (BZ)	33:36	33:35	1	1621	595	359	198	2.72 *	ABB/MVV	RM
	PCB 110 (BZ)	34:24	34:21	3	2192	1660	633	419	1.32 *	ABB/ABB	
	PCB 118 (BZ)	37:17	37:17	0	1926	1112	410	383	1.73	ABB/ABB	
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	175	148	70	59	1.19 *	/	
	13C12-PCB 104	26:26	26:26	0	868752	529394	185398	117062	1.64	ABV/ABV	
	13C12-PCB 101	32:18	32:18	0	834595	499320	170252	104495	1.67	ABV/ABV	
	13C12-PCB 111	34:54	34:55	-1	972693	612632	190860	124040	1.59	ABV/ABV	
	13C12-PCB 123	36:58	36:56	2	1181707	722419	227427	140552	1.64	ABV/ABV	
	13C12-PCB 118	37:17	37:15	2	1260880	773771	246968	154002	1.63	AVV/AVV	
	13C12-PCB 114	37:50	37:47	3	1210728	753498	243898	150437	1.61	AVV/AVV	
	13C12-PCB 105	38:35	38:30	5	1224665	747115	230881	141852	1.64	ABV/ABV	M
	13C12-PCB 127	39:54	39:53	1	1405042	885074	268558	167686	1.59	AVV/ABV	
	13C12-PCB 126	41:38	41:32	6	1210277	745283	221676	137460	1.62	ABV/ABV	M
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	70	60	28	24	1.17	/	
	PCB 147 (BZ)	36:11	36:08	3	1267	966	284	265	1.31	MVV/ABB	D
	PCB 153 (BZ)	39:03	39:06	-3	1677	1652	520	396	1.02 *	ABB/ABB	R
	PCB 138 (BZ)	40:24	40:24	0	1748	1578	524	363	1.11	ABB/ABB	
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	140	140	56	56	1.00 *	/	
	13C12-PCB 155	31:56	31:59	-3	864025	668329	187150	144557	1.29	ABV/ABV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AA	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s1/apj7c1tb.d	Prep Date	09/21/07	SDG No	
Analysis ID	99516	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/27/07 14:34	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

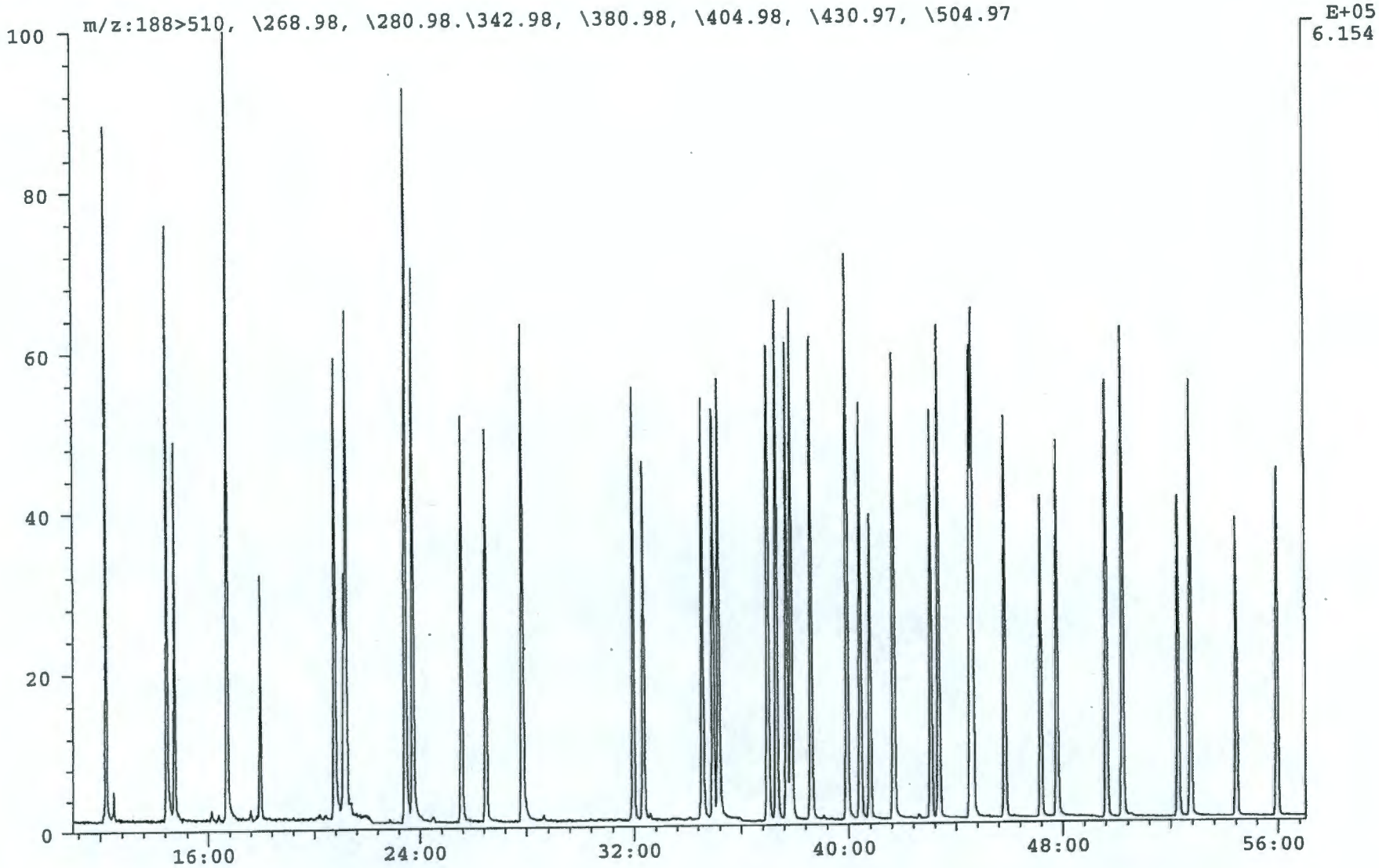
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	13C12-PCB 138	40:24	40:22	2	918480	708463	178164	141281	1.30	ABV/ABV	
	Unidentified	40:46	00:00	0	15163	9343	2593	1562	1.62 *	AVV/AVB	R
	13C12-PCB 167	43:19	43:18	1	1062383	823834	213517	164520	1.29	AVV/ABV	
	13C12-PCB 156	44:36	44:27	9	2143196	1658214	221867	170276	1.29	AVV/AVV	H
	13C12-PCB 169	47:46	47:43	3	876342	669545	161777	127380	1.31	ABV/ABV	
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	63	48	25	19	1.32 *	/	
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	143	148	57	59	0.97	/	
	13C12-PCB 188	37:39	37:41	-2	894134	869320	183373	182554	1.03	ABV/ABV	
	13C12-PCB 178	40:45	40:45	0	578169	573649	114124	117538	1.01	ABV/ABV	
	13C12-PCB 180	45:48	45:48	0	771043	733281	155109	150665	1.05	ABV/ABV	
	13C12-PCB 170	47:10	47:08	2	625420	605236	127548	116719	1.03	ABV/ABV	
	13C12-PCB 189	50:12	50:10	2	1030270	952368	198306	180390	1.08	ABV/ABV	
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	30	48	12	19	0.63 *	/	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	100	100	40	40	1.00	/	
	13C12-PCB 202	43:01	43:02	-1	713186	788118	147589	159461	0.90	ABV/ABV	
	13C12-PCB 194	52:15	52:14	1	606524	657700	116702	128610	0.92	ABV/ABV	
	13C12-PCB 205	52:42	52:41	1	814250	899132	158175	177723	0.91	AVV/ABV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	35	50	14	20	0.70	/	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	120	105	48	42	1.14 *	/	
	13C12-PCB 208	49:37	49:38	-1	742936	945981	145451	184536	0.79	ABV/ABV	
	13C12-PCB 206	54:23	54:24	-1	475995	606876	95489	122928	0.78	ABV/ABV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	35	28	14	11	1.27 *	/	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	68	160	27	64	0.42 *	/	
	13C12-PCB 209	55:55	55:58	-3	556943	787088	103933	146143	0.71	ABV/ABV	

Notes:
R = ratio is outside limits M = date changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

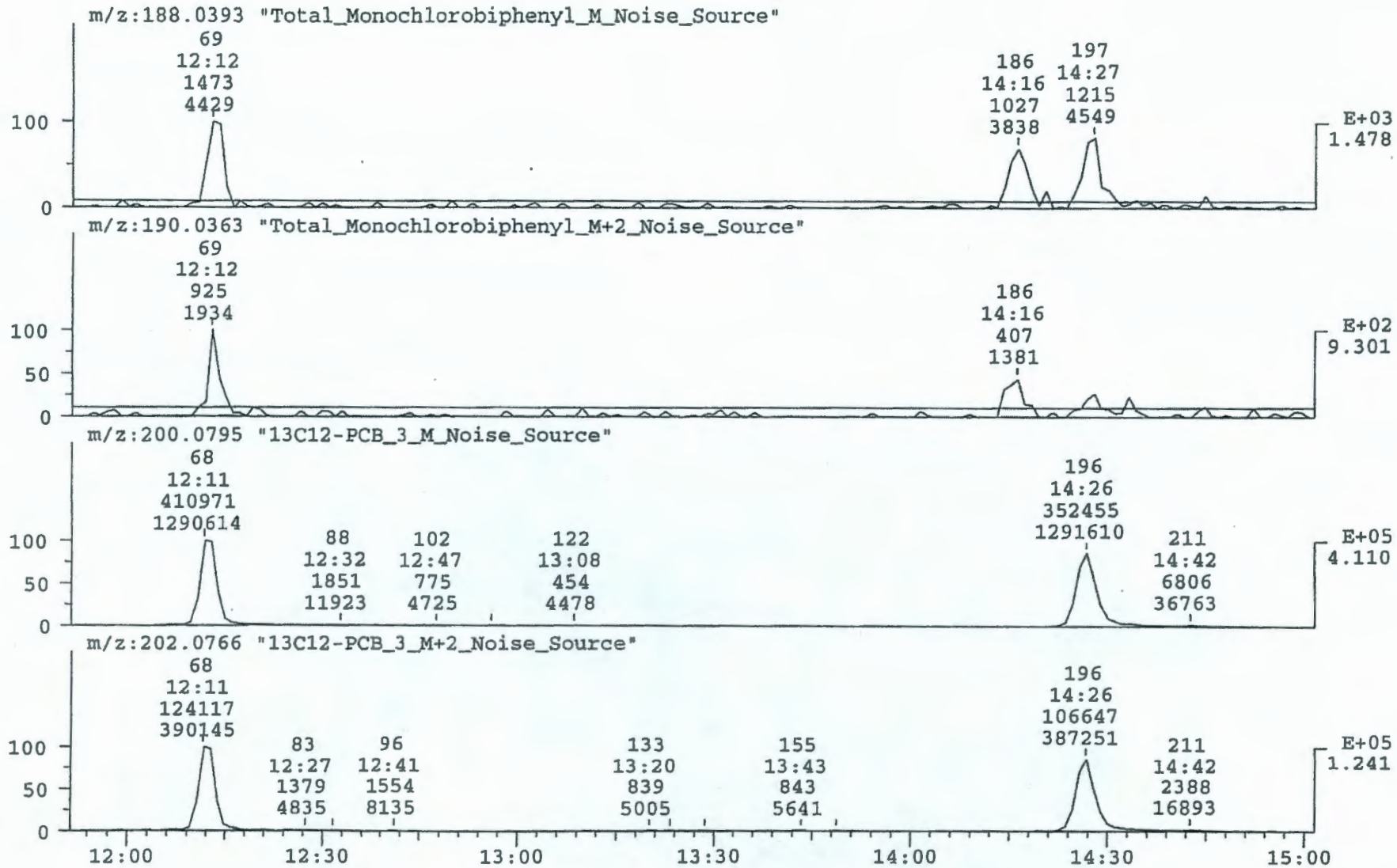
CHRO: apj7c1tb 27-Sep-07 Elapse: 11:00.7 1
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 2 > 2600 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

Int DCs 9.27.07
Calc BFW 9/28/07
QC 10/1/07
Rev BFS 10/1/07



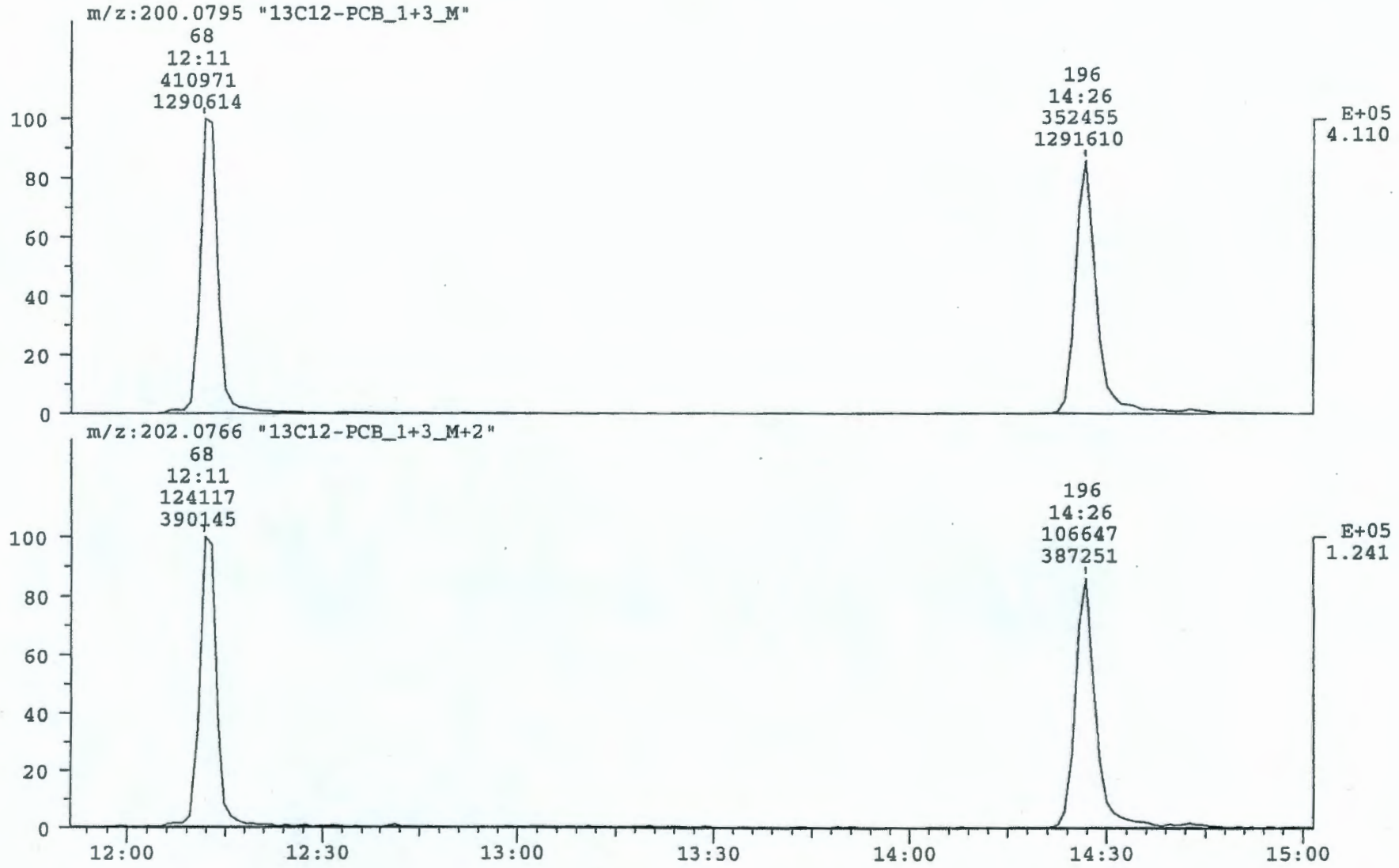
2504

CHRO: apj7c1tb 27-Sep-07 Elapse: 13:26.5 139
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

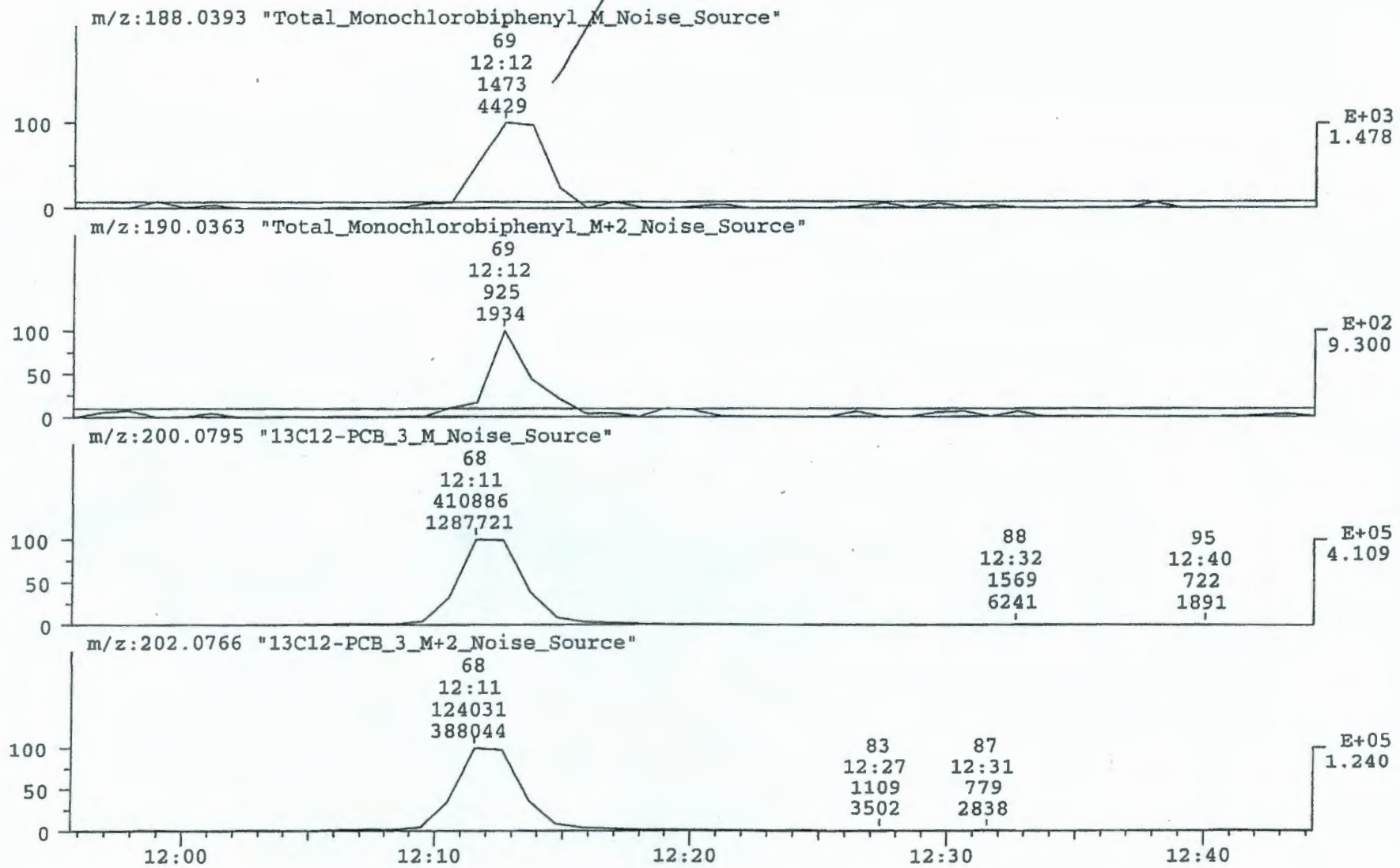


2505

CHRO: apj7c1tb 27-Sep-07 Elapse: 13:26.5 139
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

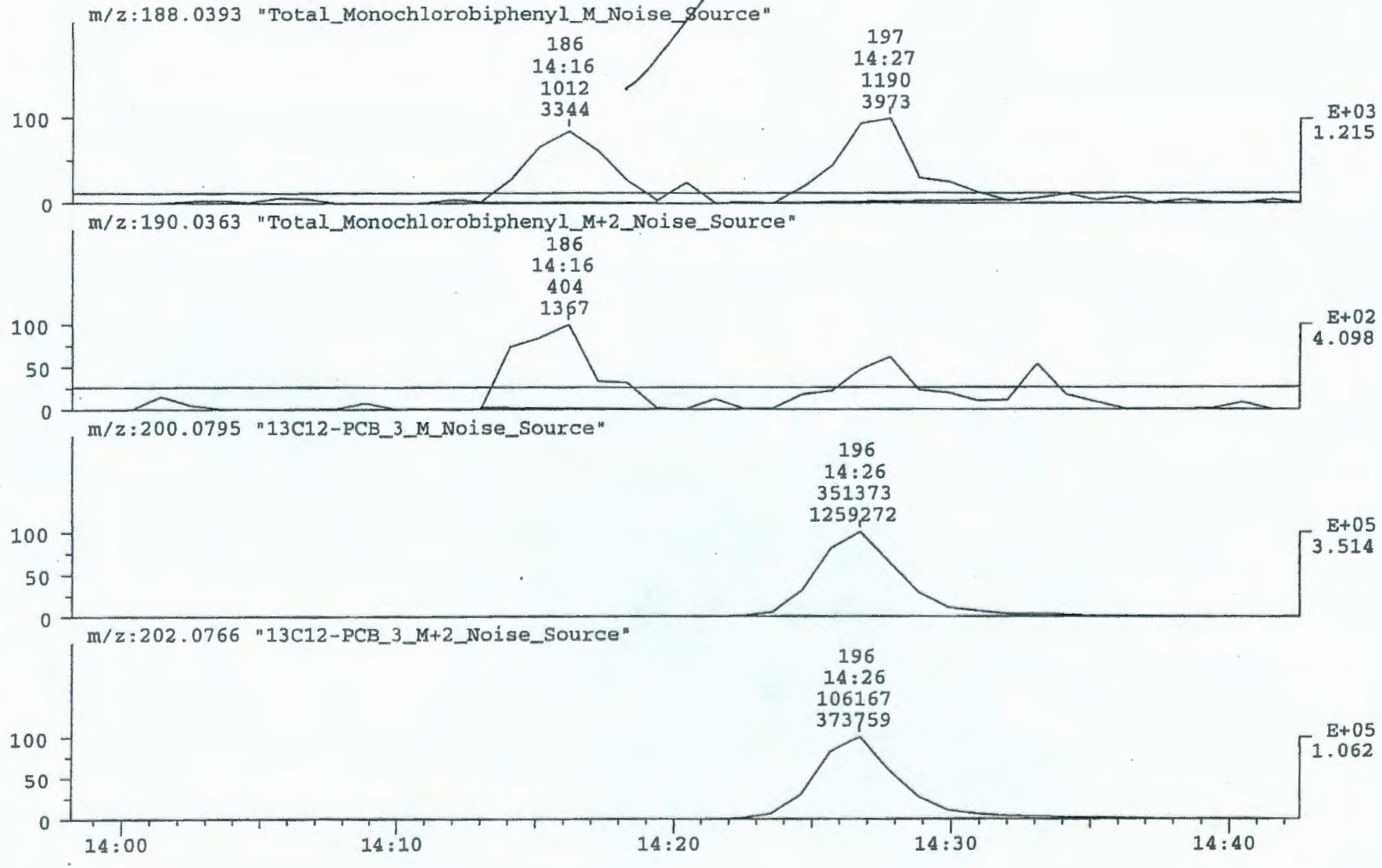


CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1tlaa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 53 > 99 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



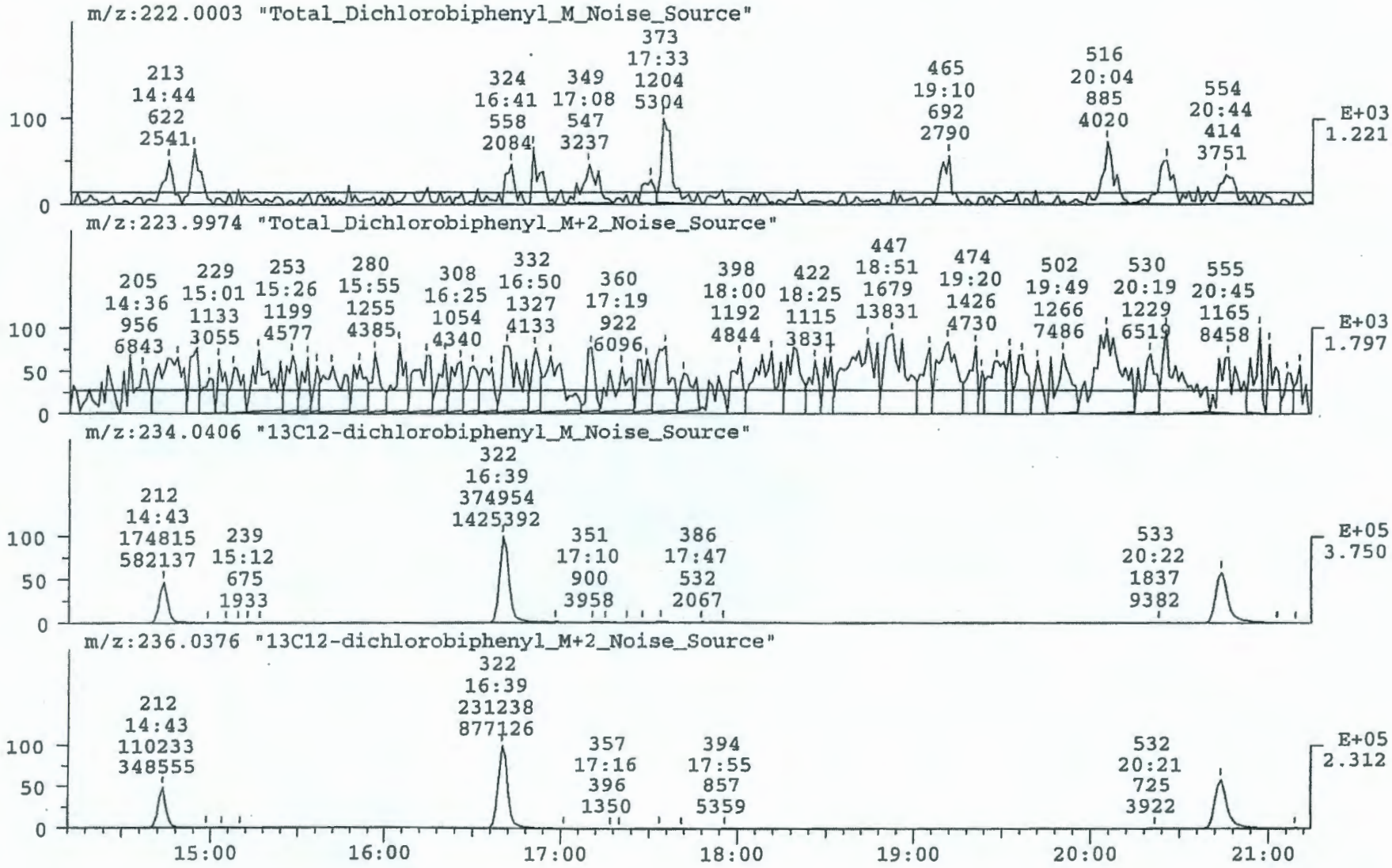
2507

CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 169 > 211 Masses: 181 > 510
Area: 5, 1.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



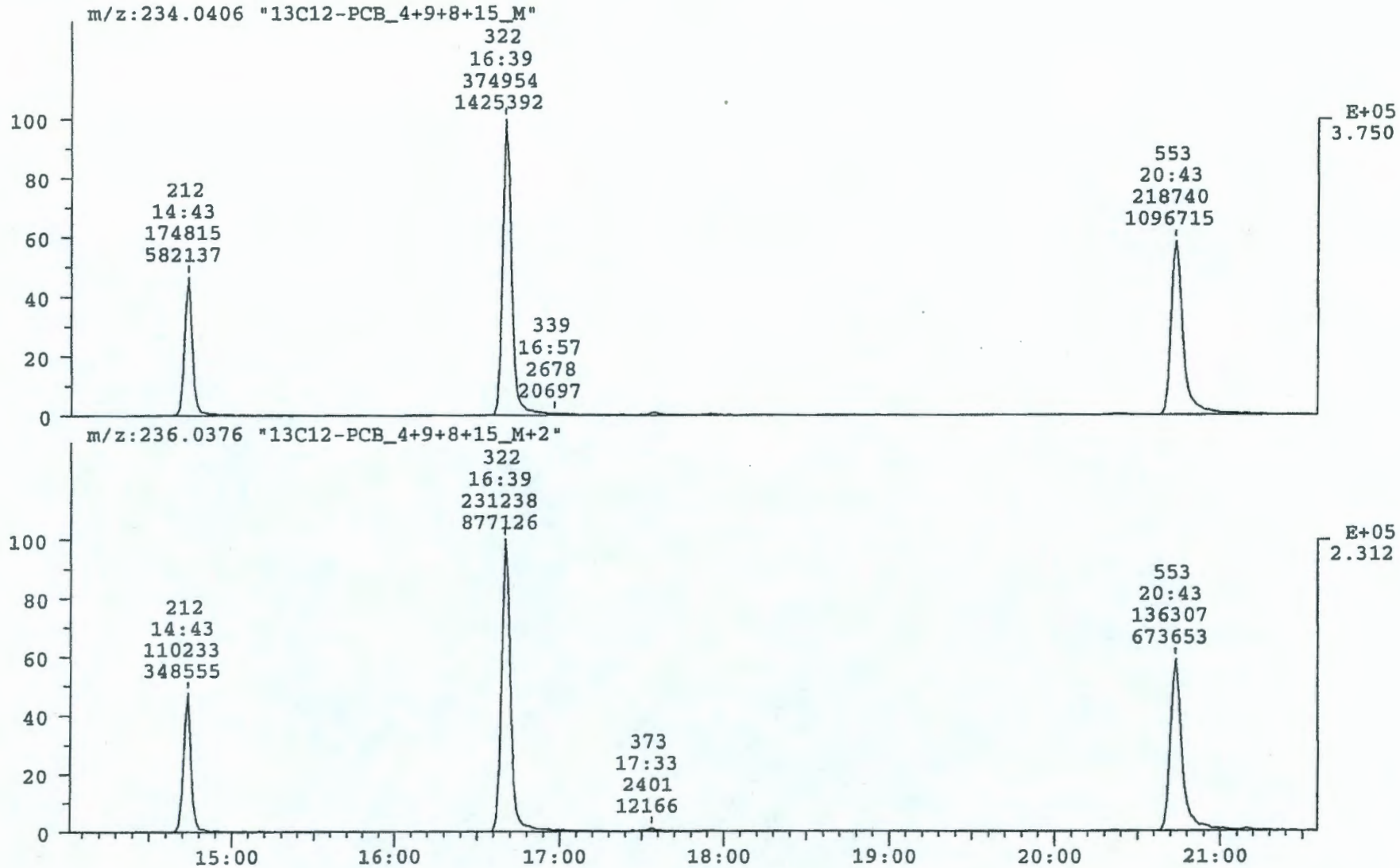
2508

CHRO: apj7c1tb 27-Sep-07 Elapse: 17:43.1 382
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

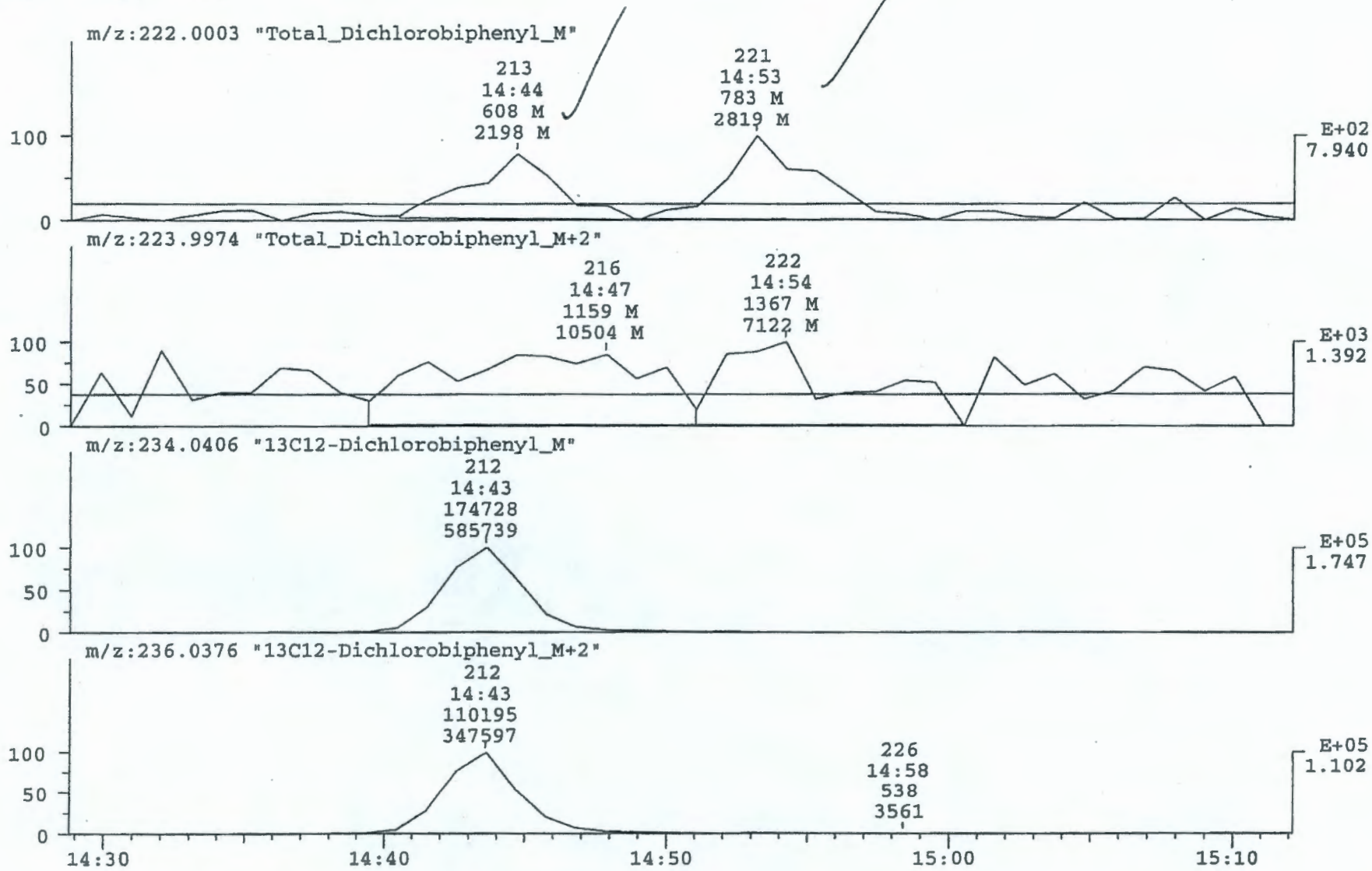


2509

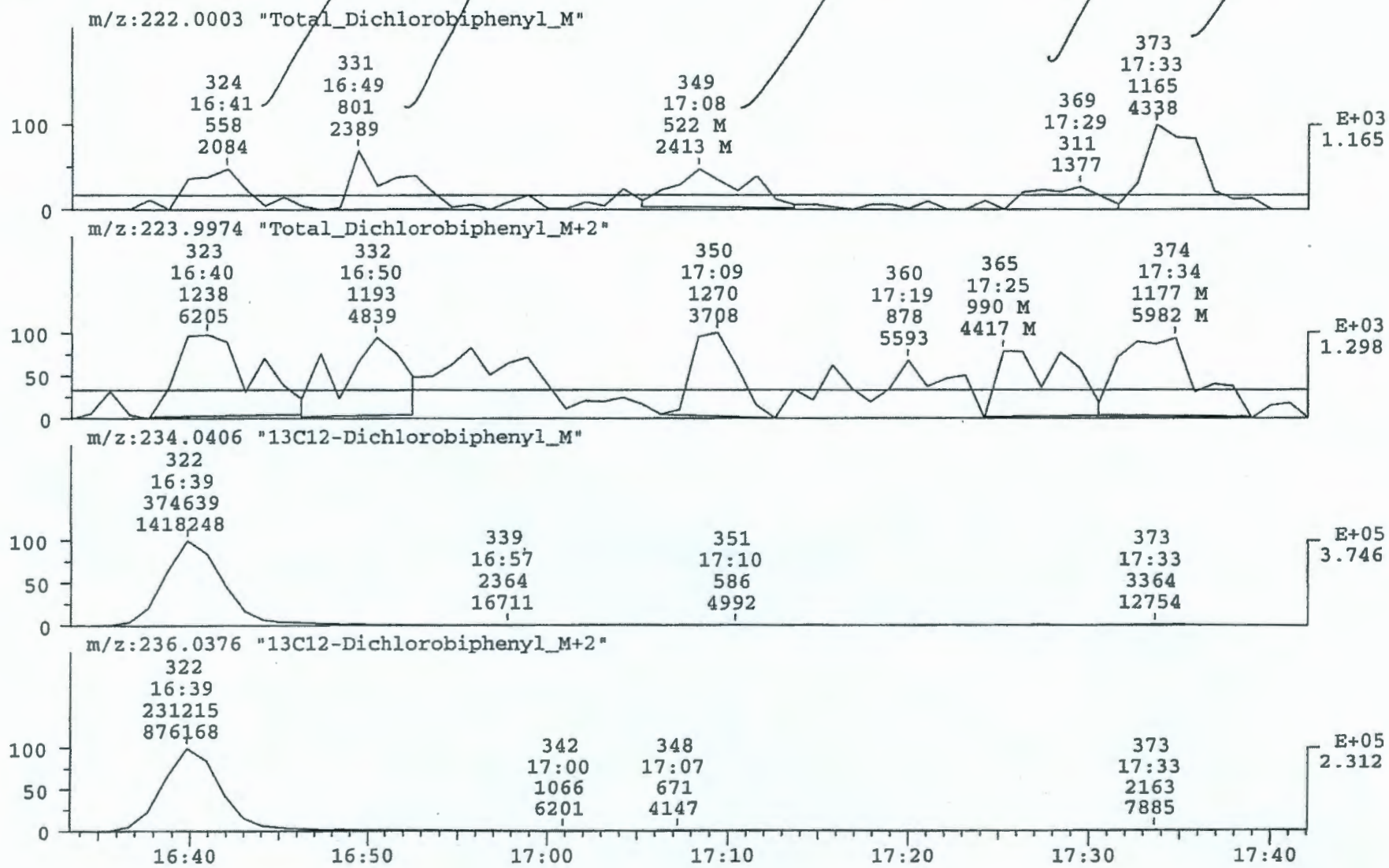
CHRO: apj7c1tb 27-Sep-07 Elapse: 17:43.1 382
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 172 > 602 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



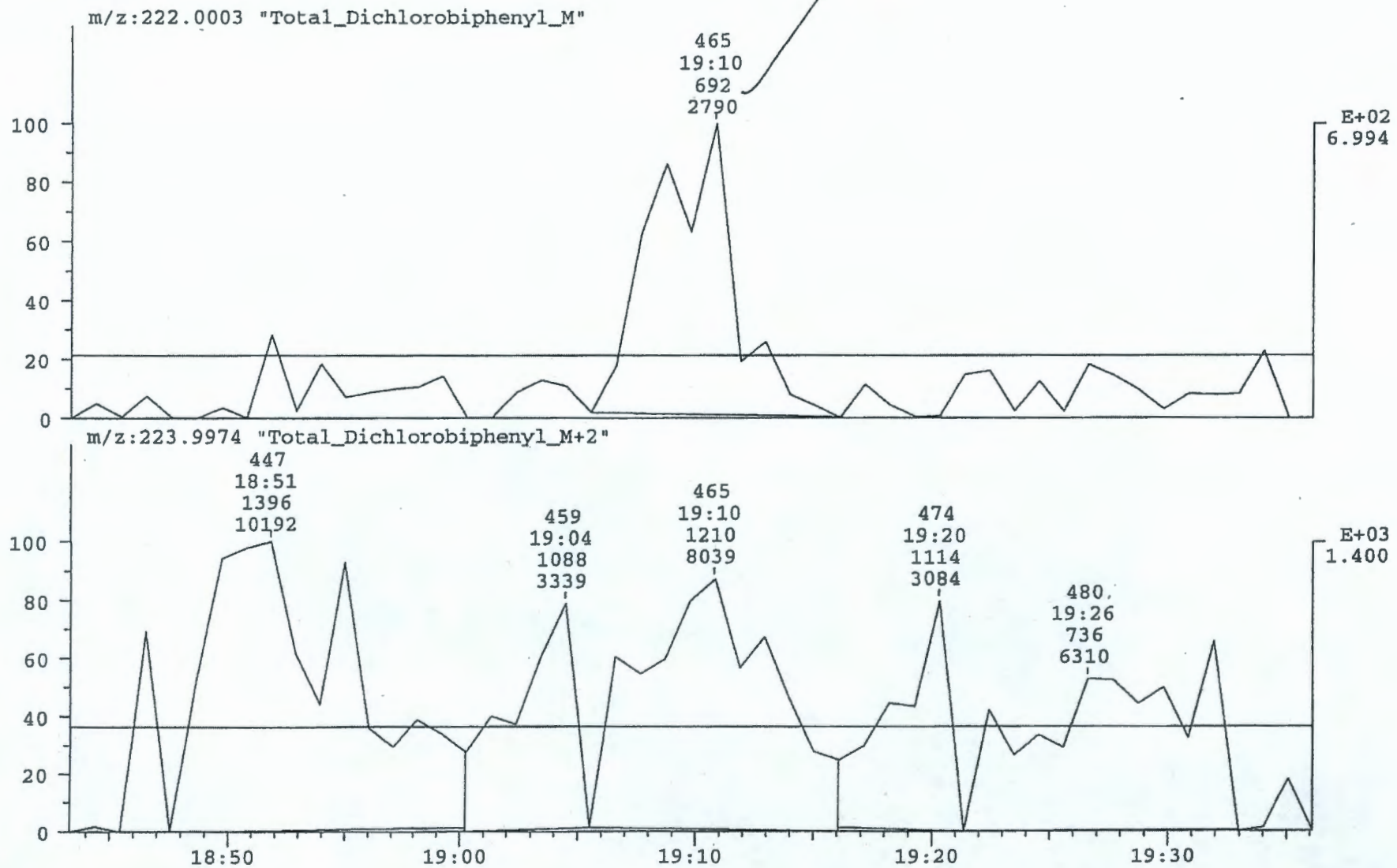
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 198 > 239 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : -7, 3.0
Disp: Height Area



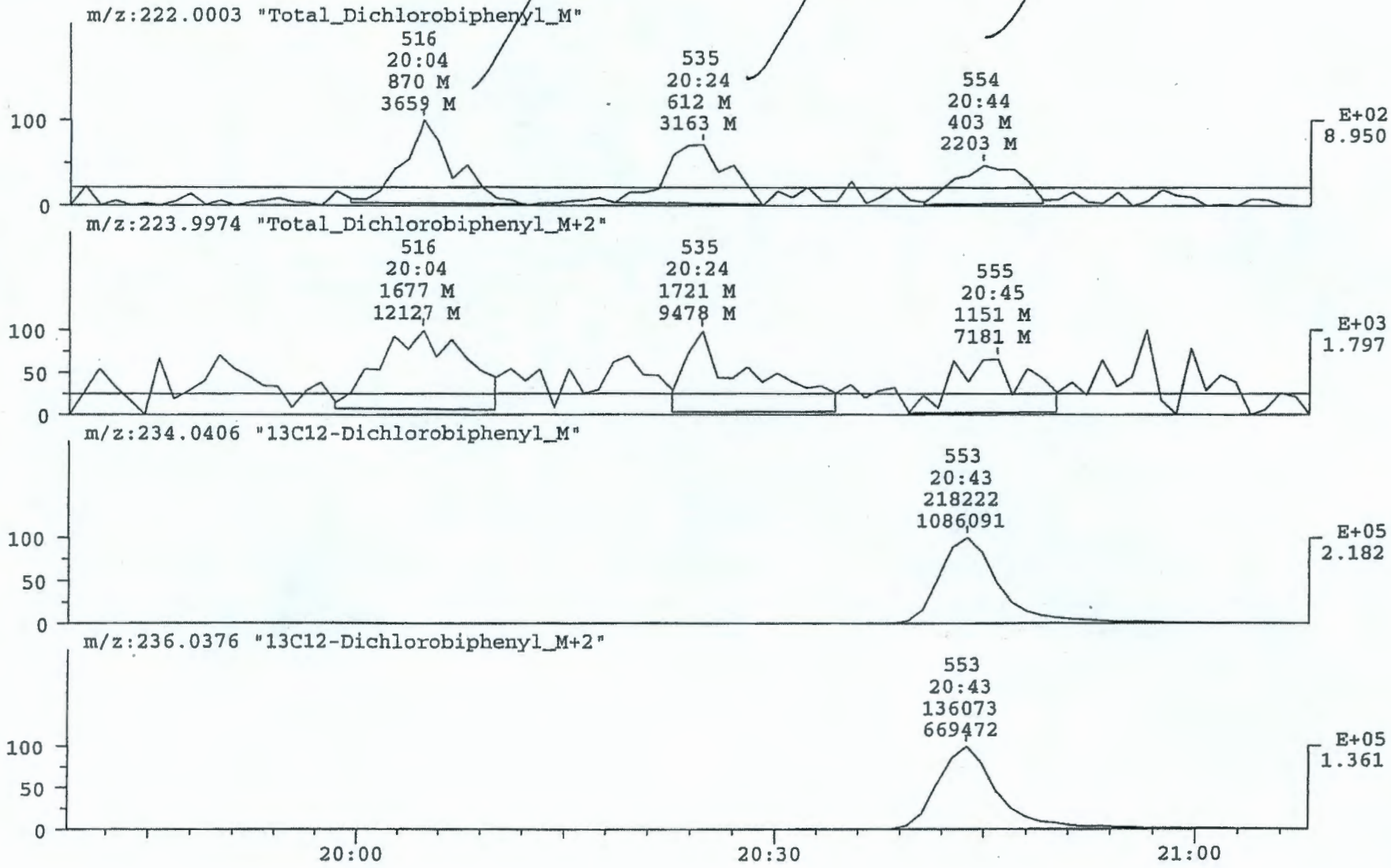
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 316 > 381 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



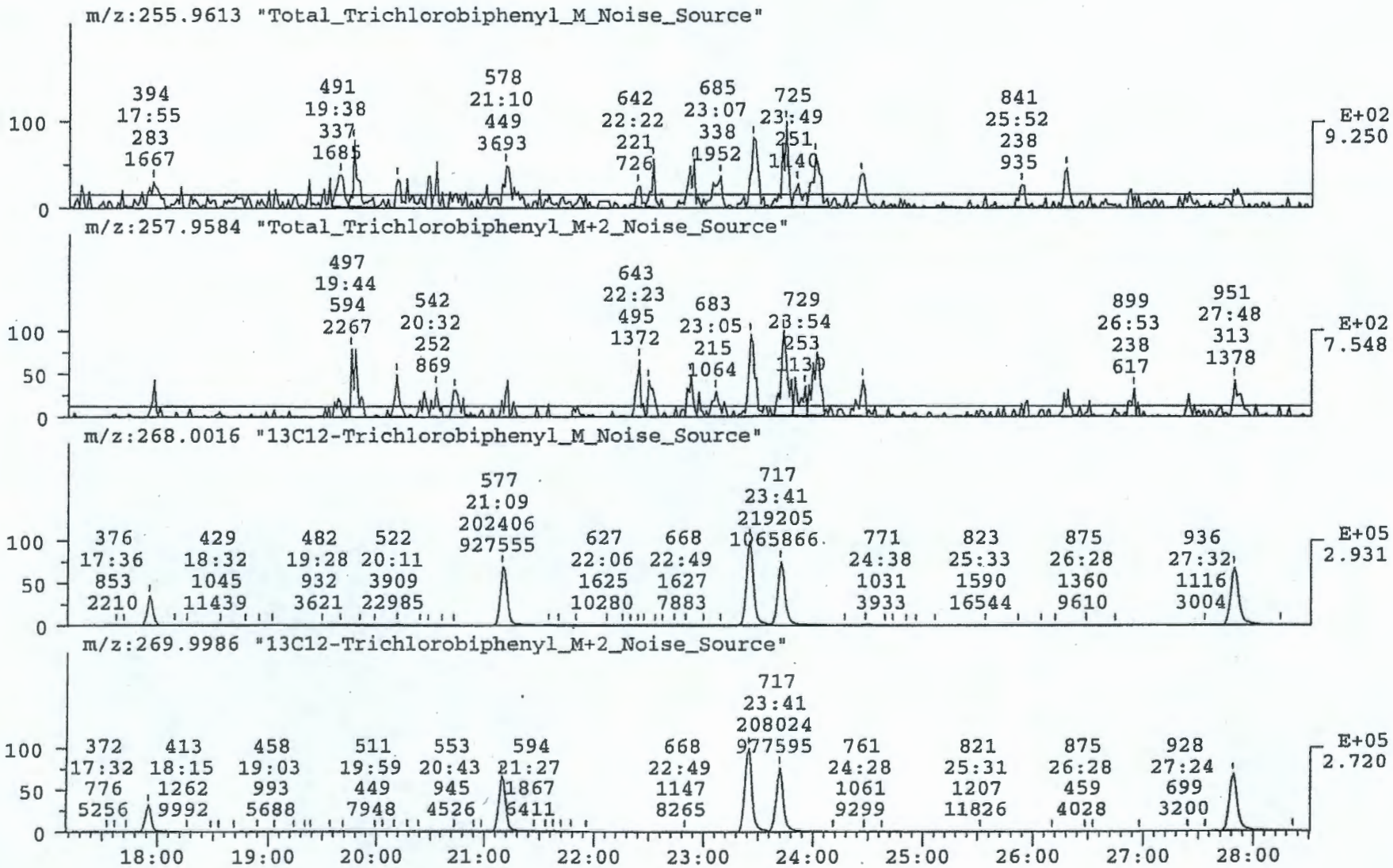
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   439 > 489            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



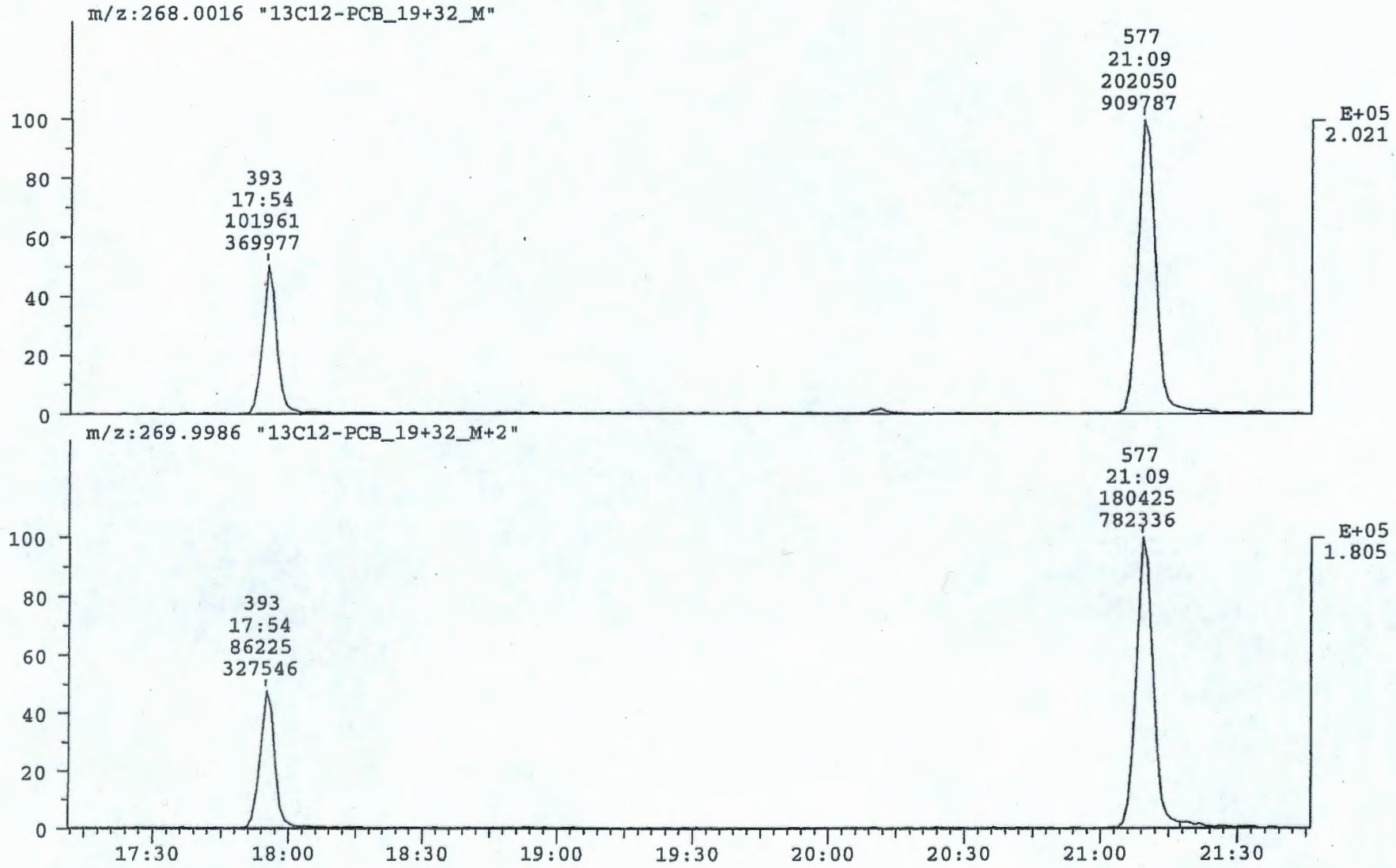
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 492 > 576 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : -24, 3.0
Disp: Height Area



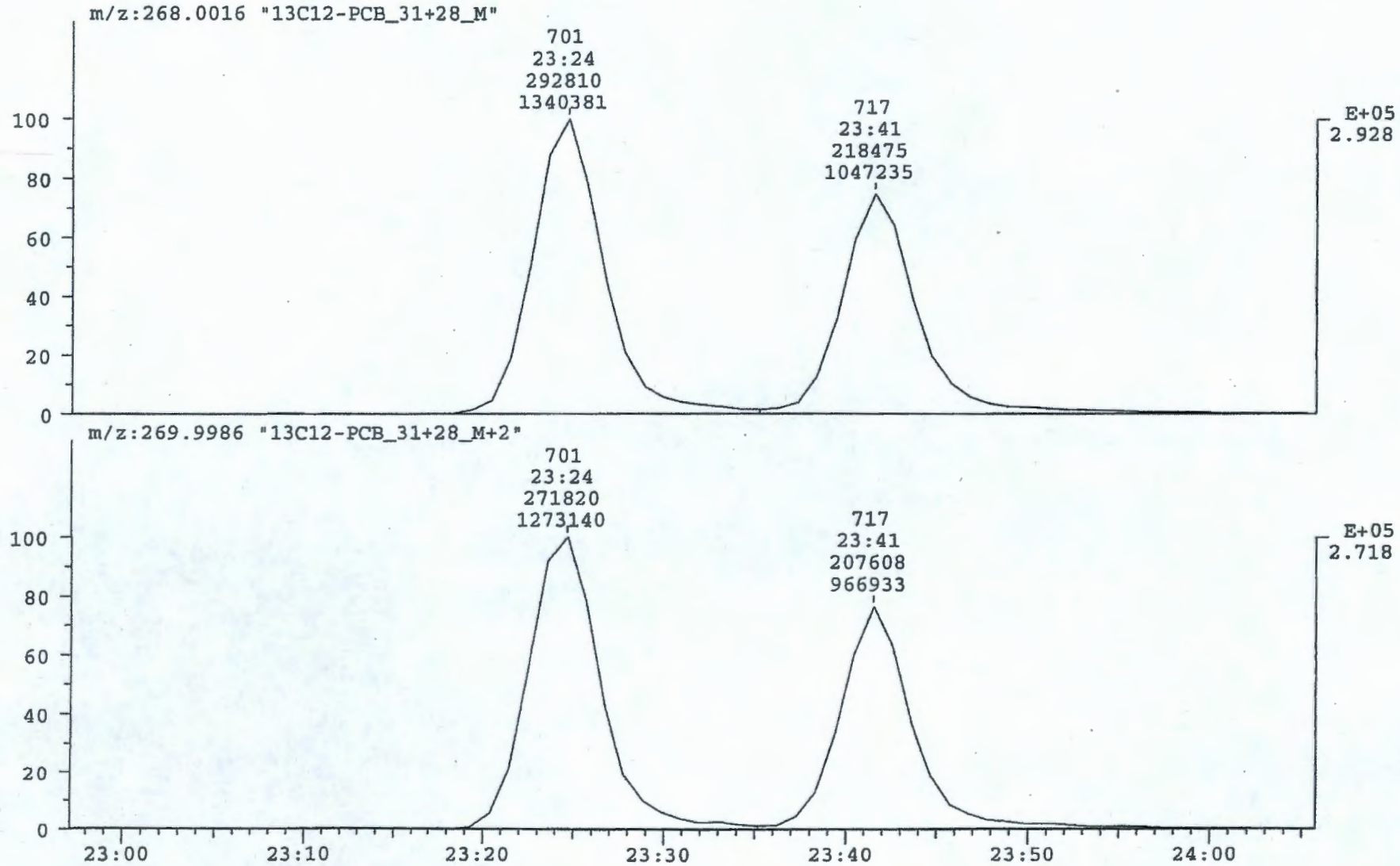
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  22:52.9      671
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC      Vial  31
Peak:  100.00  ppm      Label wndw:   351 > 991            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



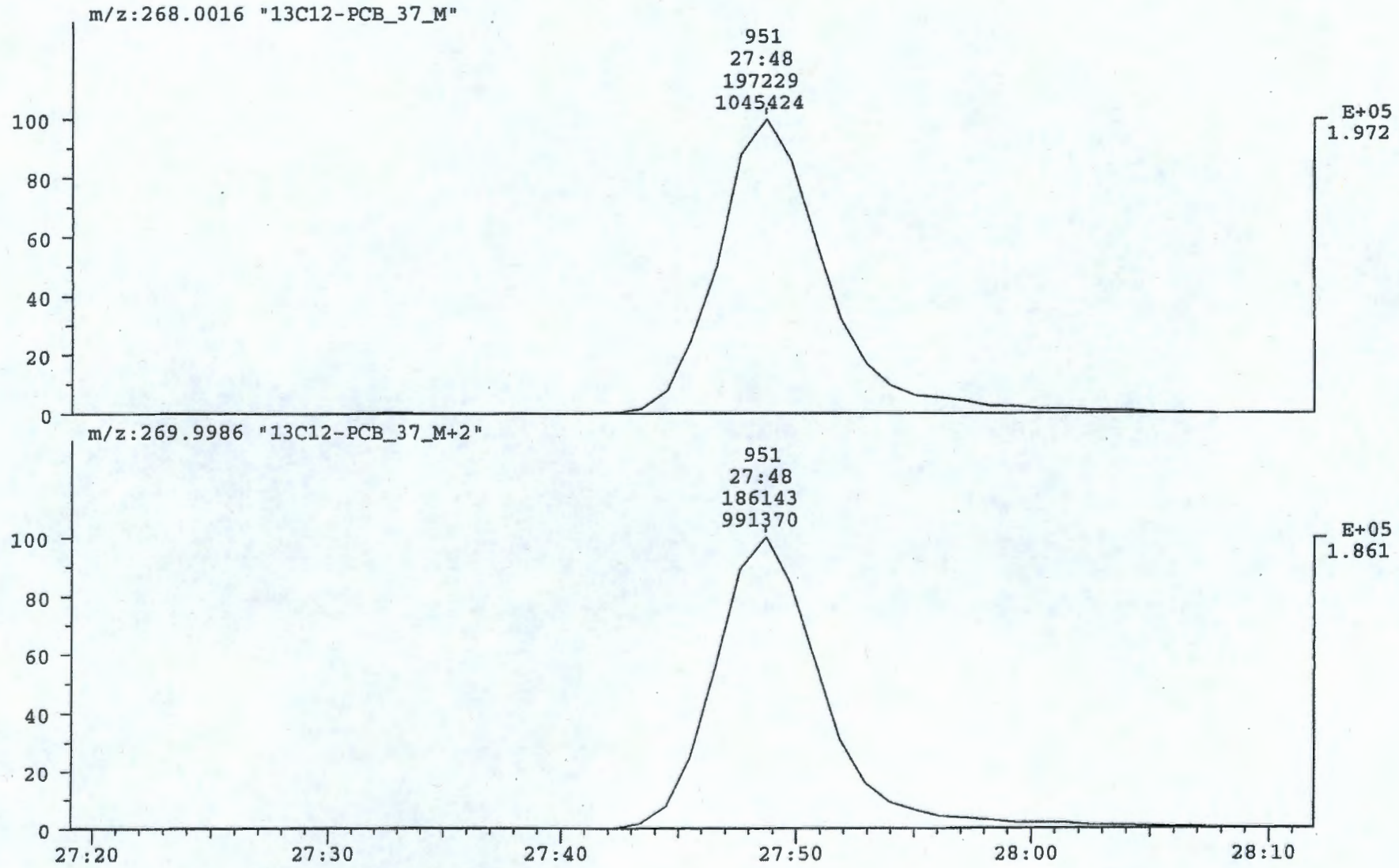
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  19:18.2      472
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC      Vial  31
Peak:  100.00  ppm      Label wndw:   352 > 612           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```



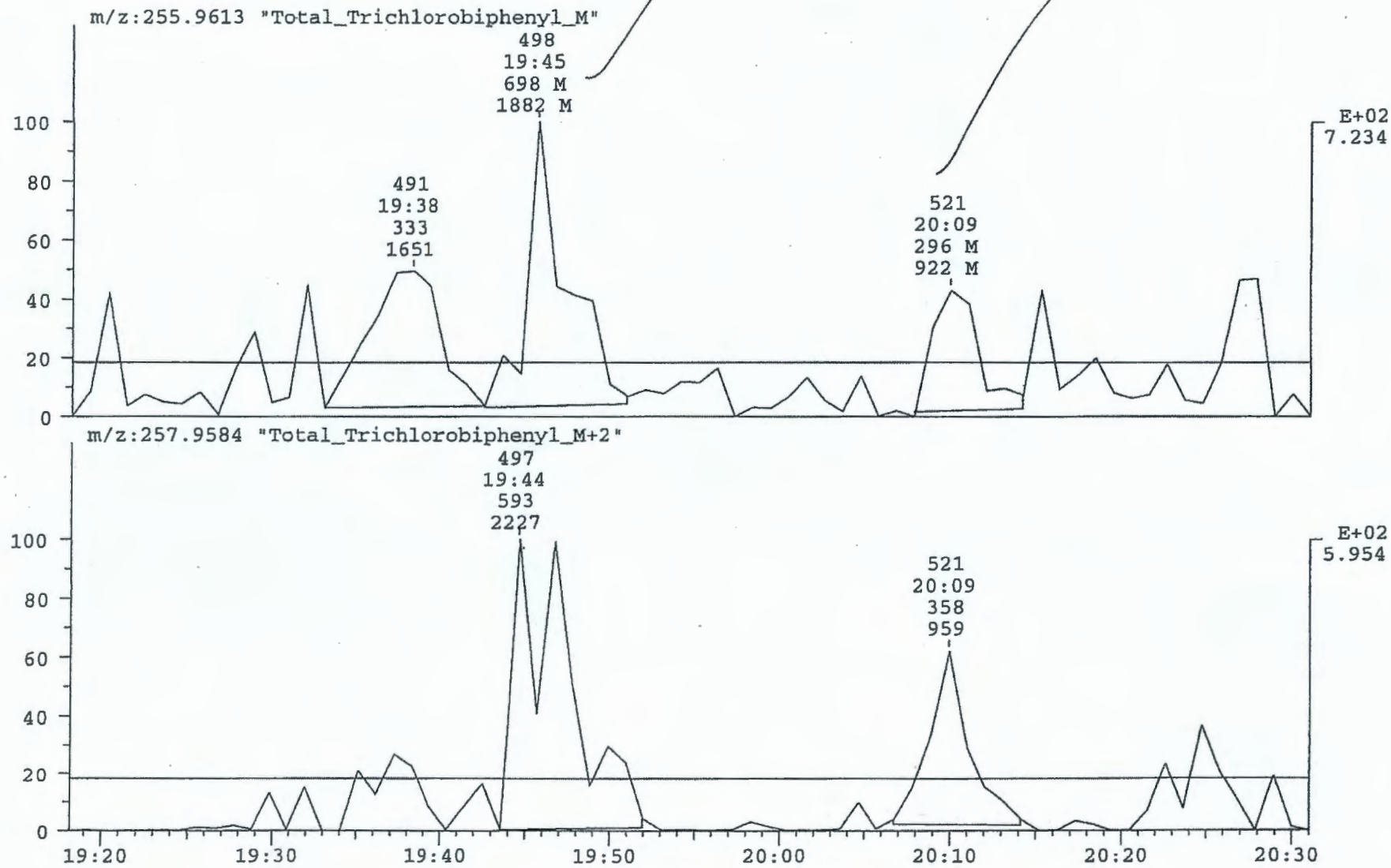
CHRO: apj7c1tb 27-Sep-07 Elapse: 23:23.5 700
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 675 > 740 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



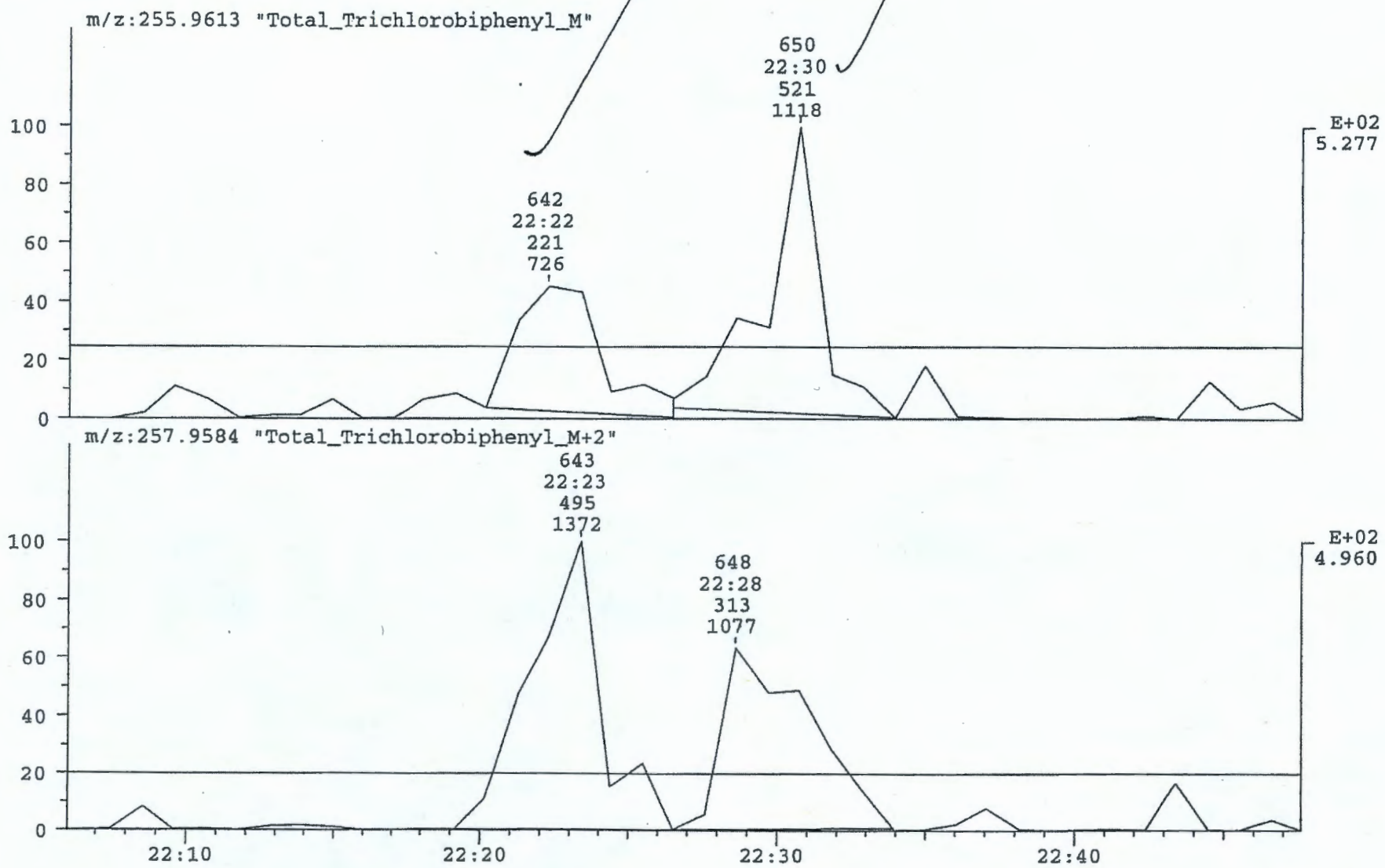
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  27:45.4      948
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC      Vial  31
Peak:  100.00  ppm      Label wndw:   923 > 973            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



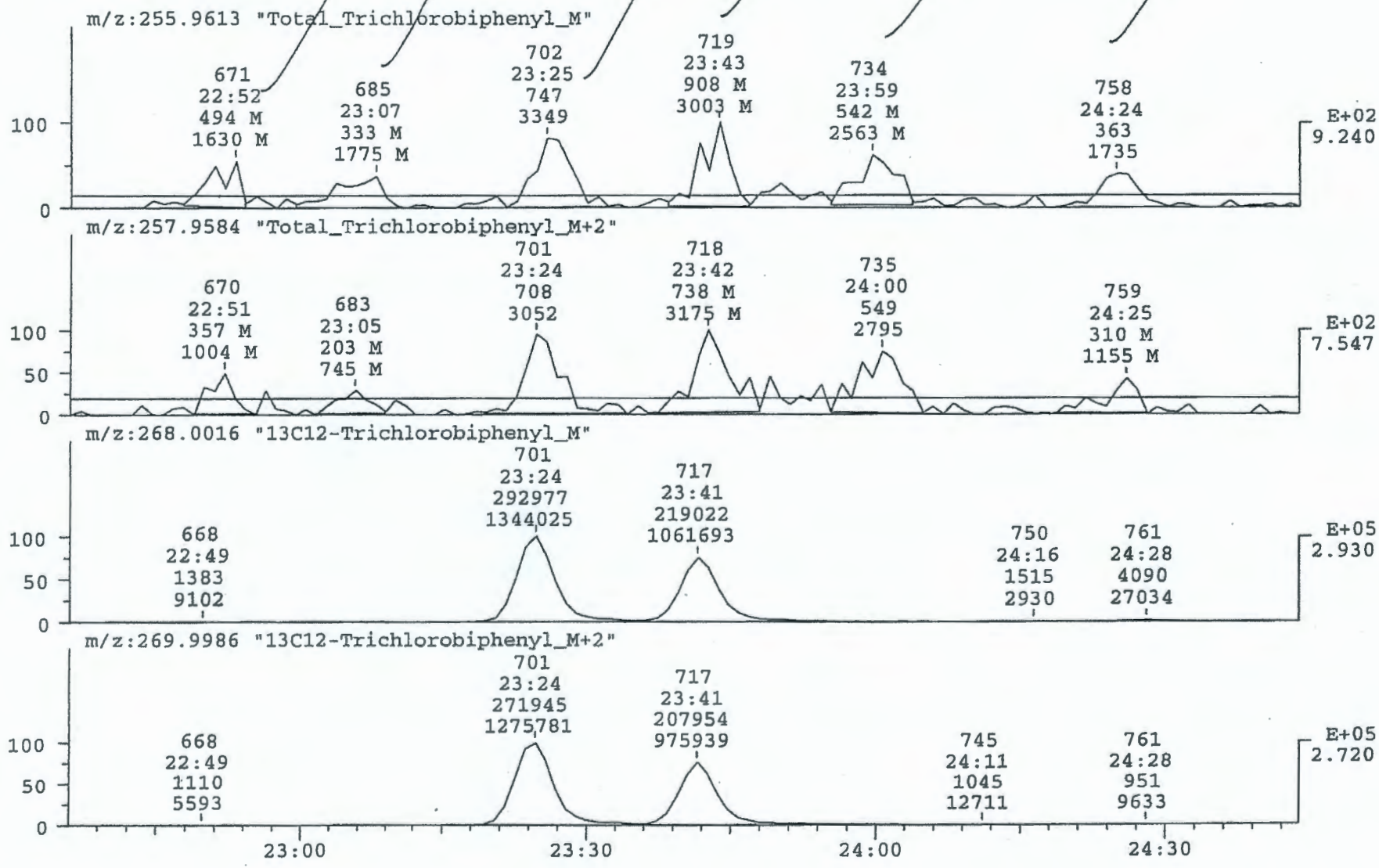
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   472 > 541            Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



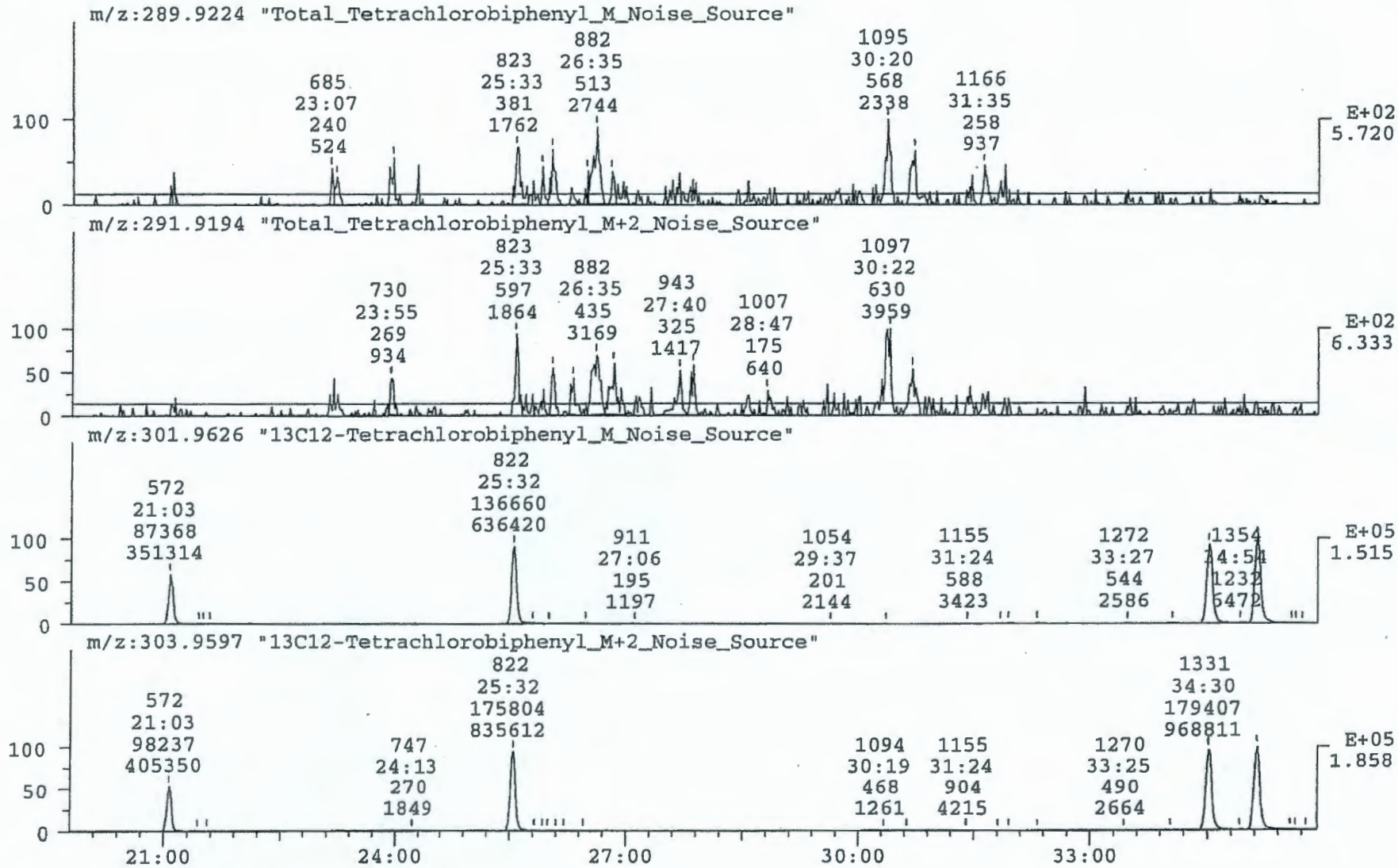
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial 31
Peak:  100.00  ppm      Label wndw:   627 > 666            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 655 > 776 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -5, 3.0
Disp: Height Area

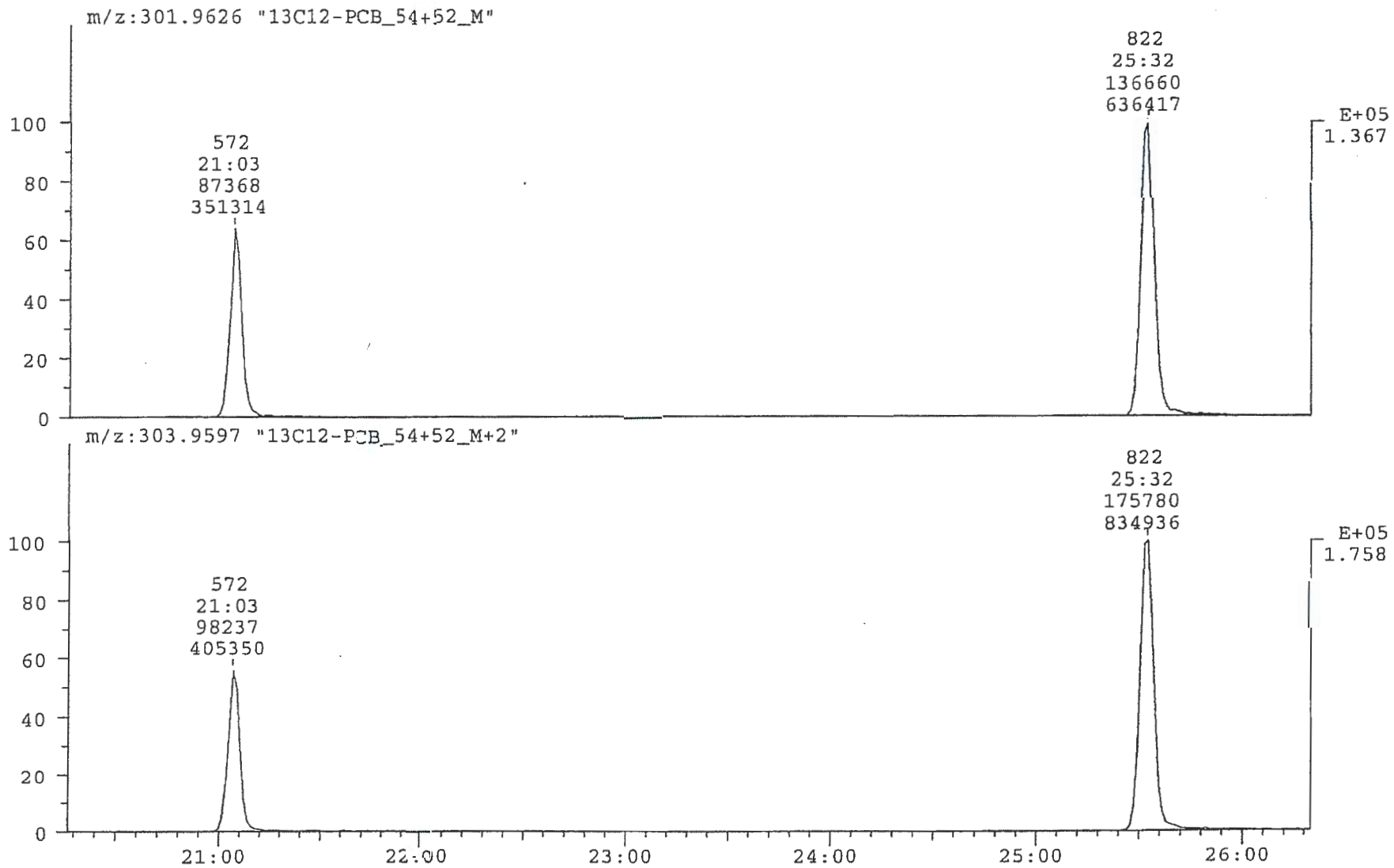


```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  27:50.8      953
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC      Vial  31
Peak:  100.00  ppm      Label wndw:   500 > 1410           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

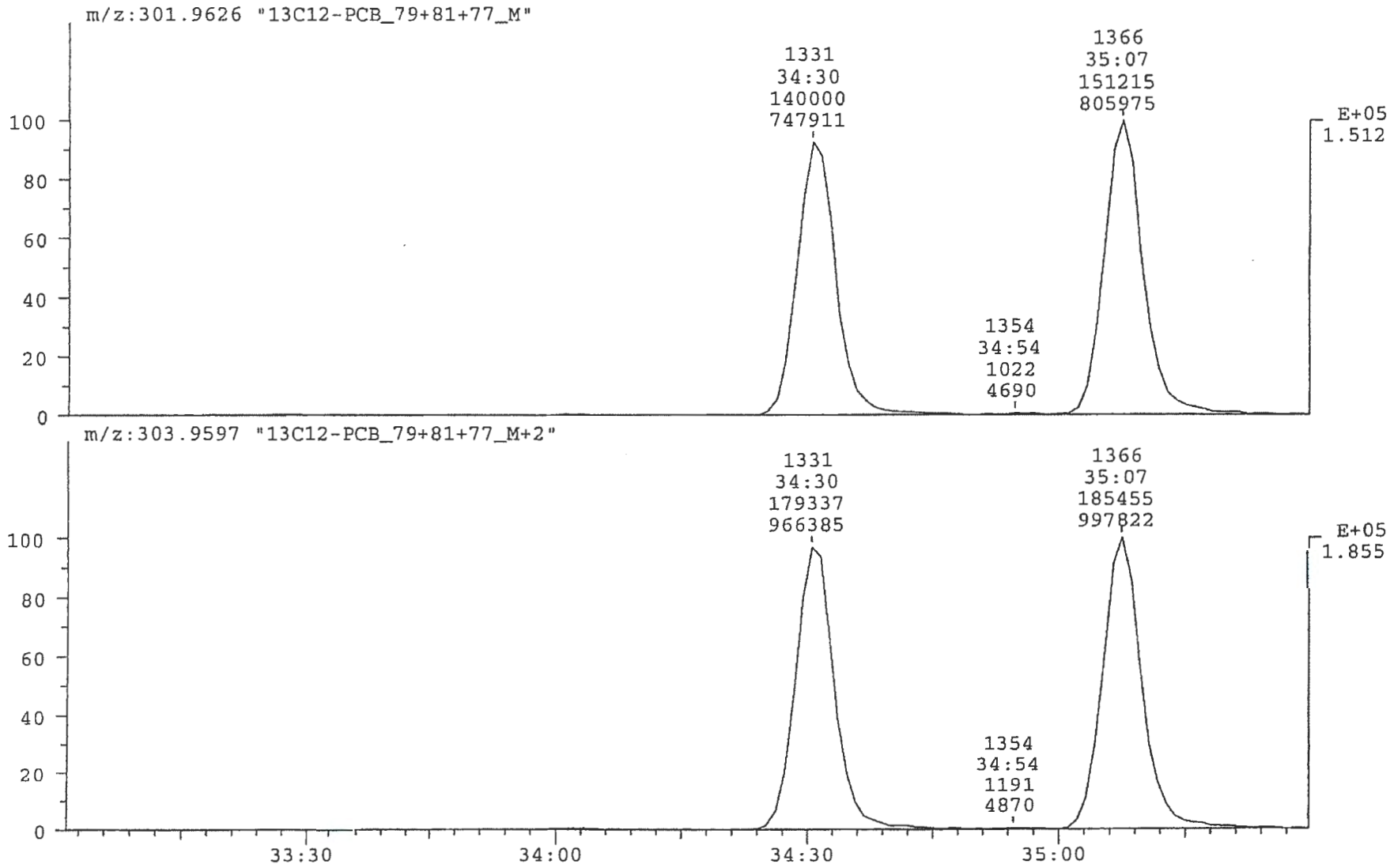


2522

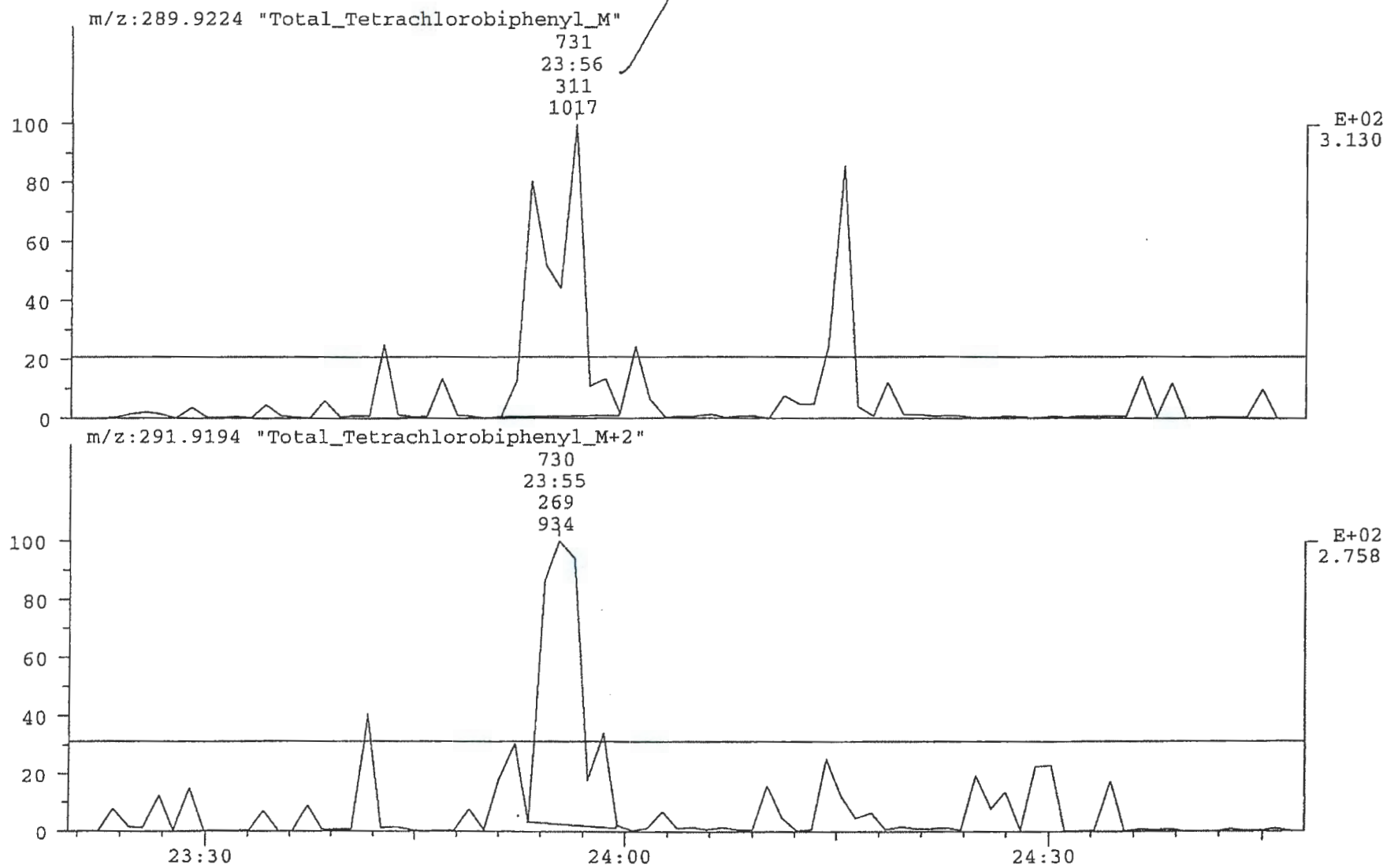
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  23:20.4      697
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   527 > 867            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



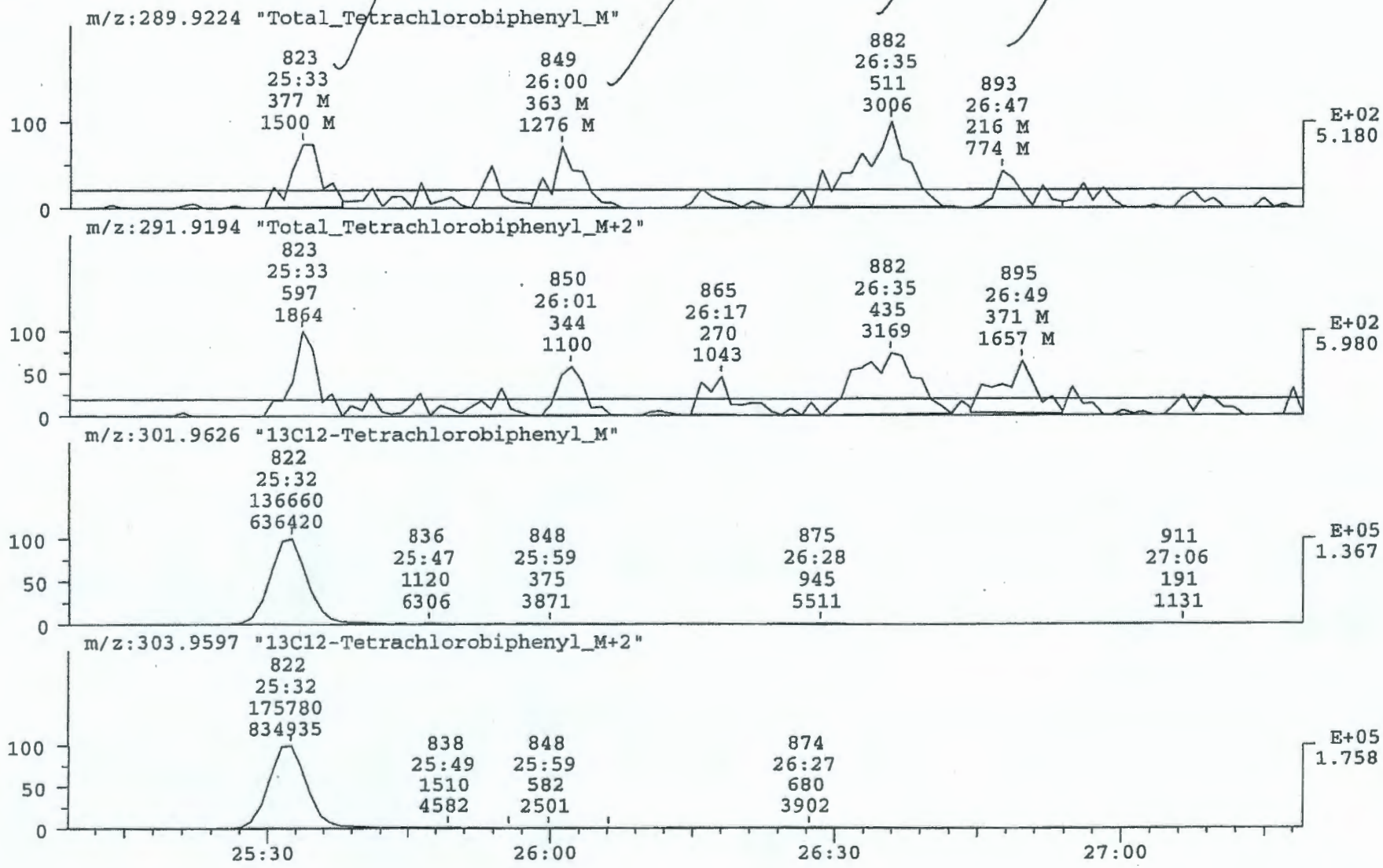
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  34:10      1312
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1247 > 1387          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



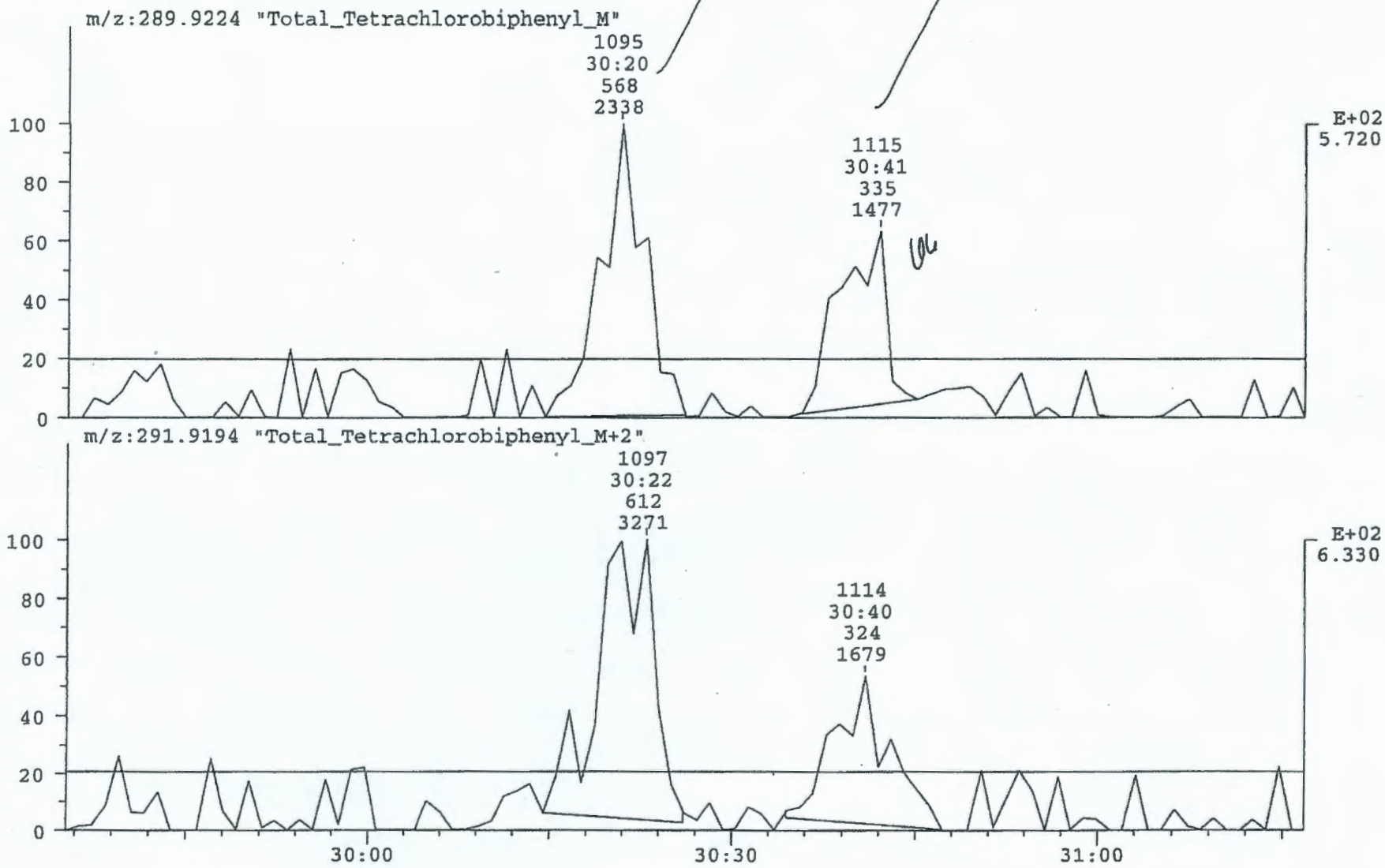
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   697 > 780            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



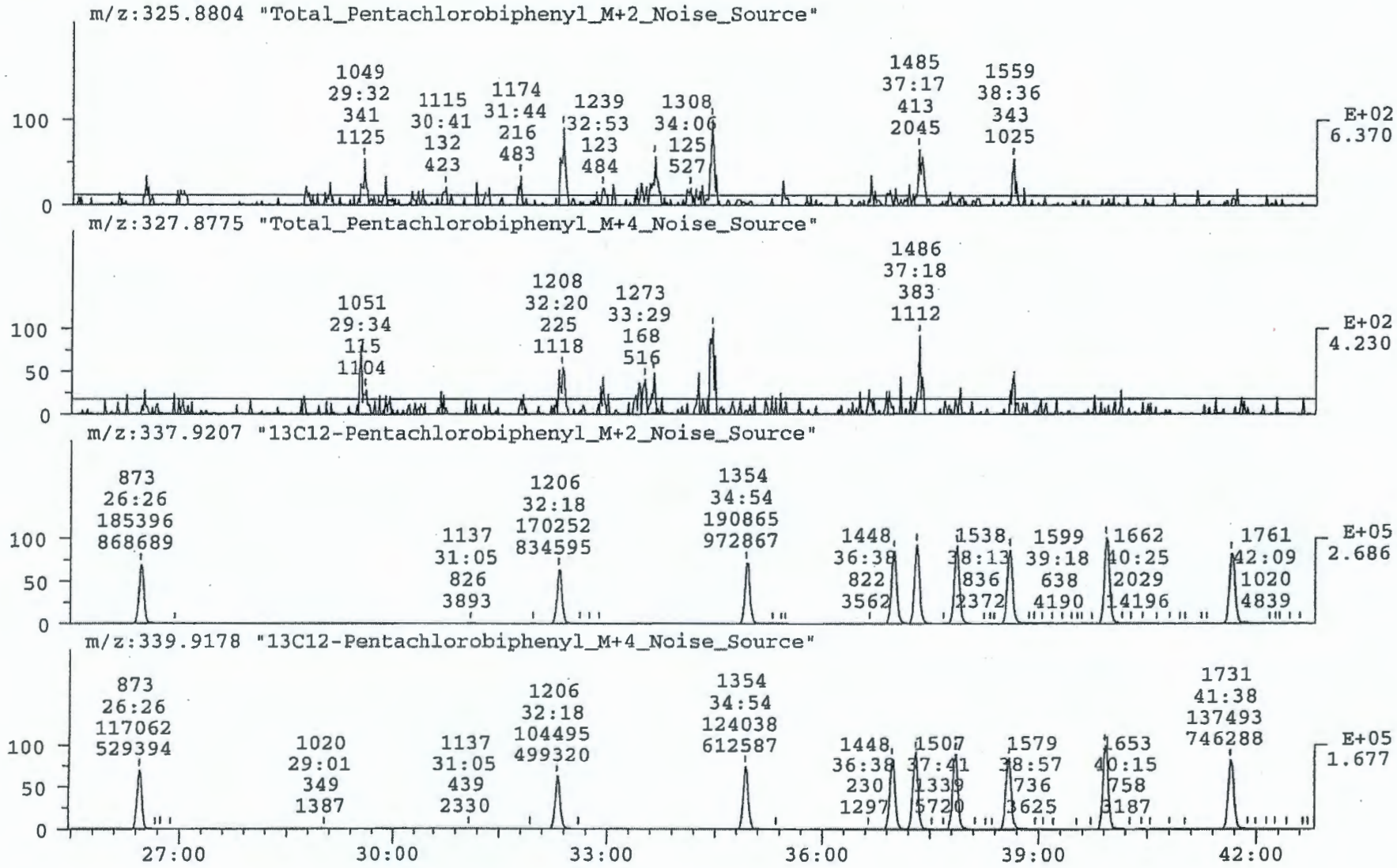
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 800 > 923 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



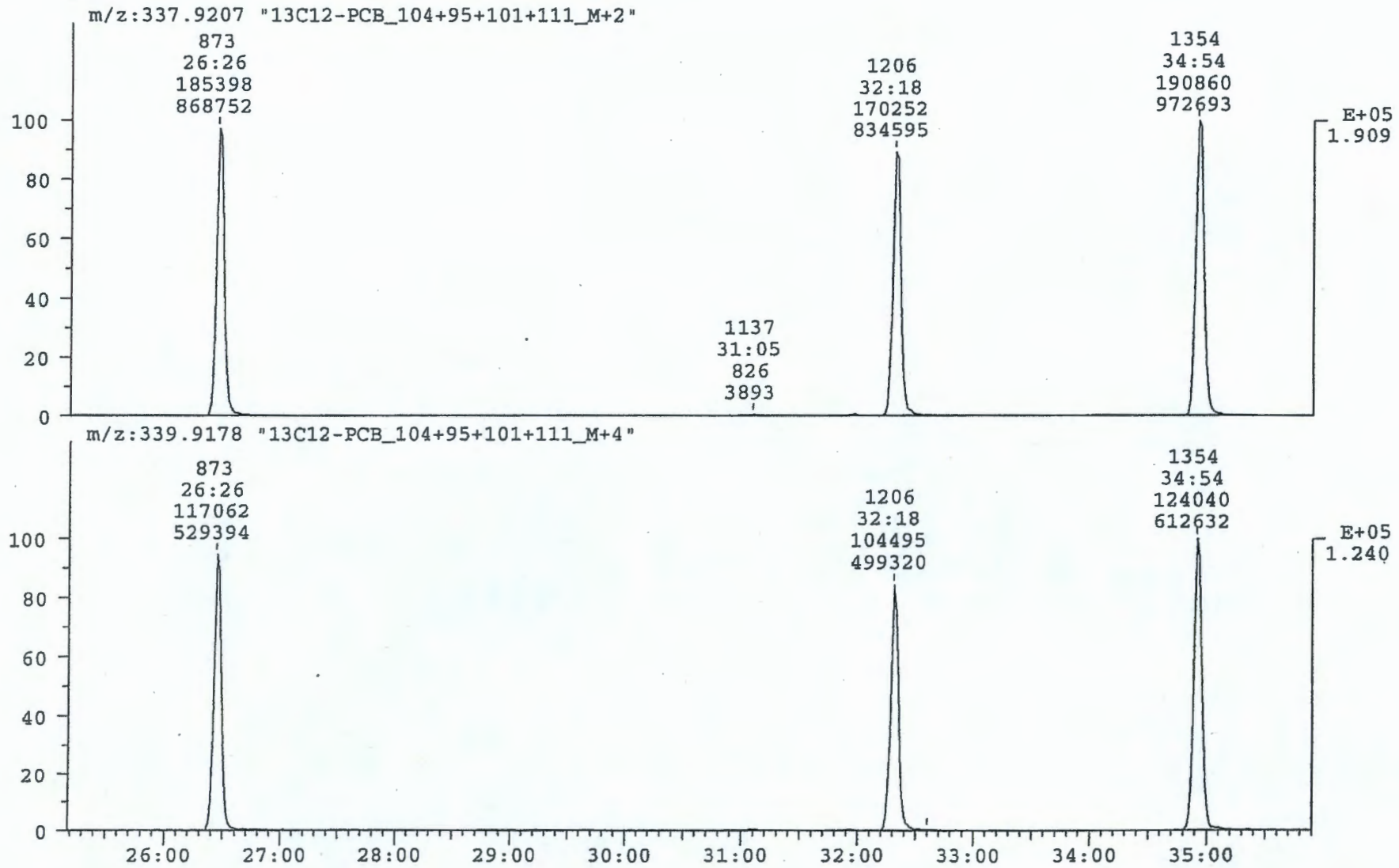
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1052 > 1148          Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



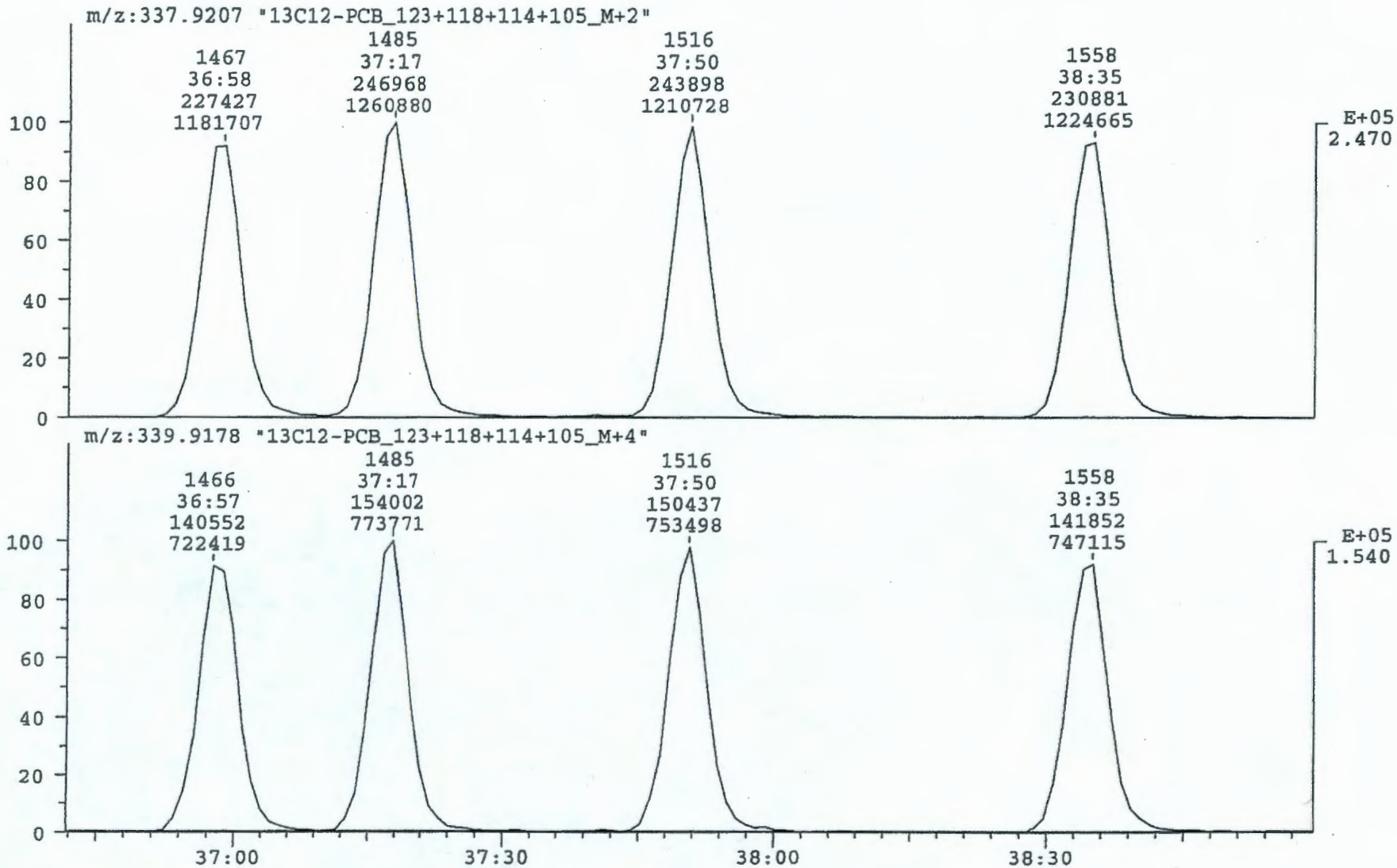
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  34:08      1310
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   818 > 1797           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



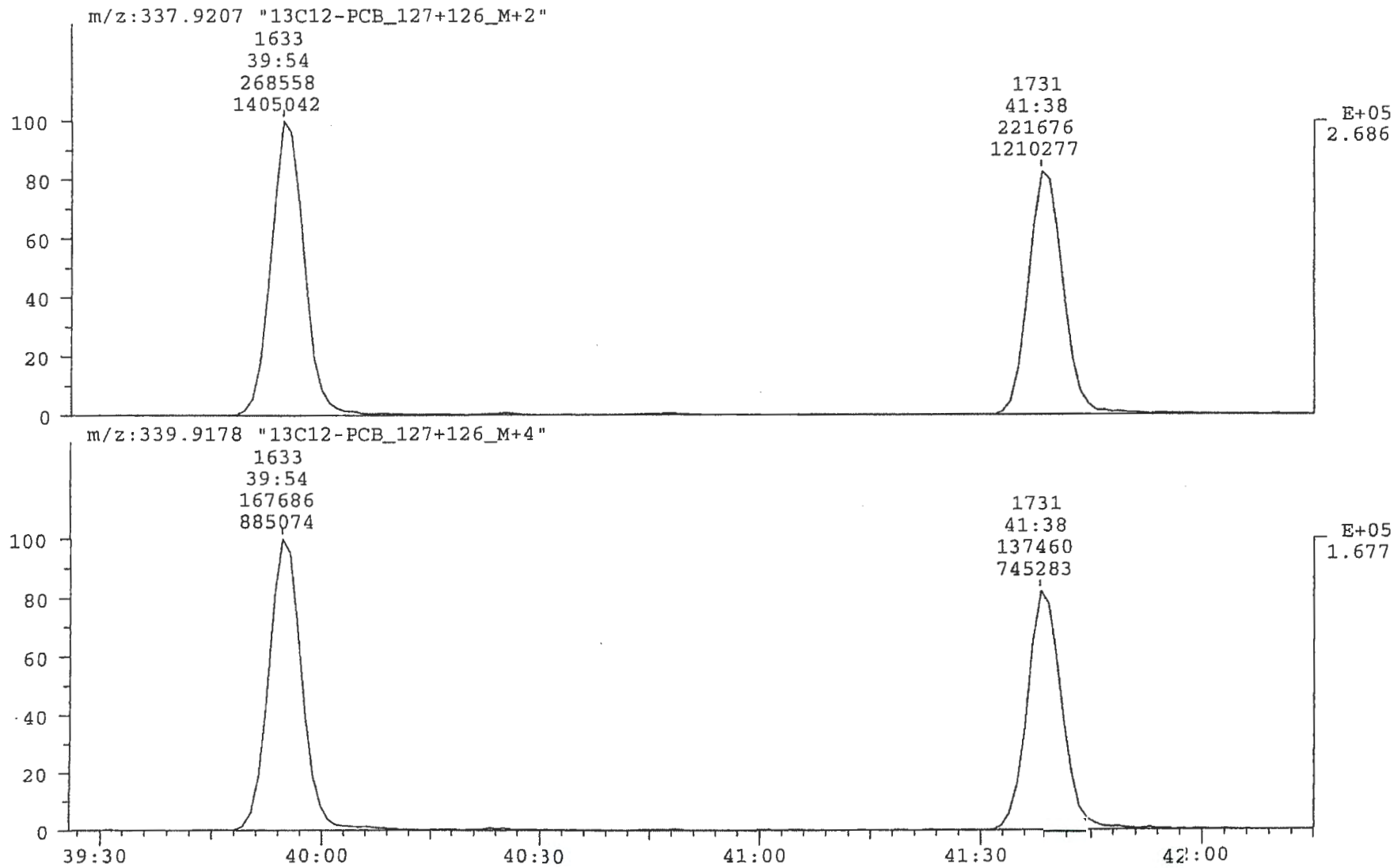
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  30:32      1106
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   802 > 1410          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



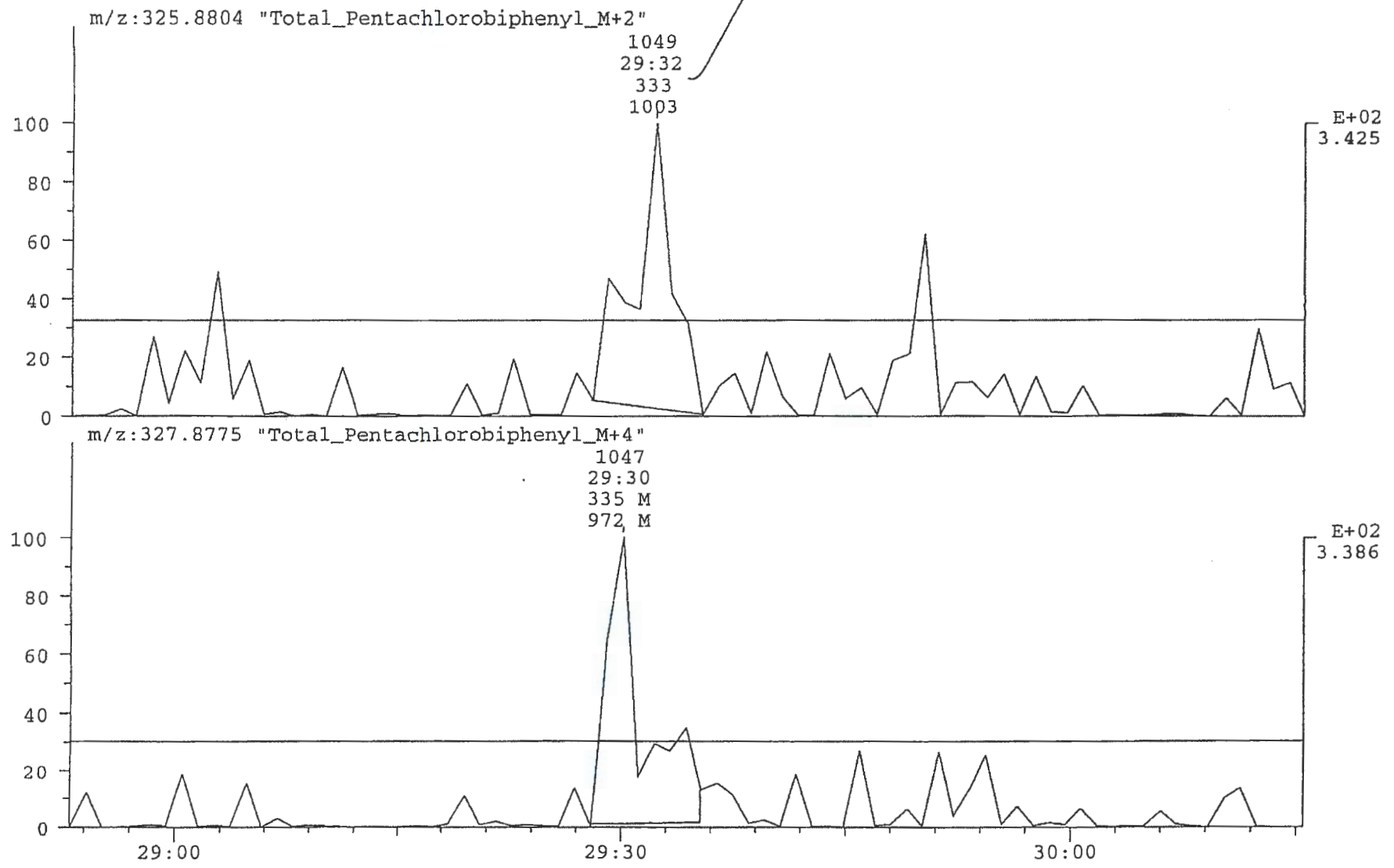
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  37:50      1516
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1451 > 1581          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



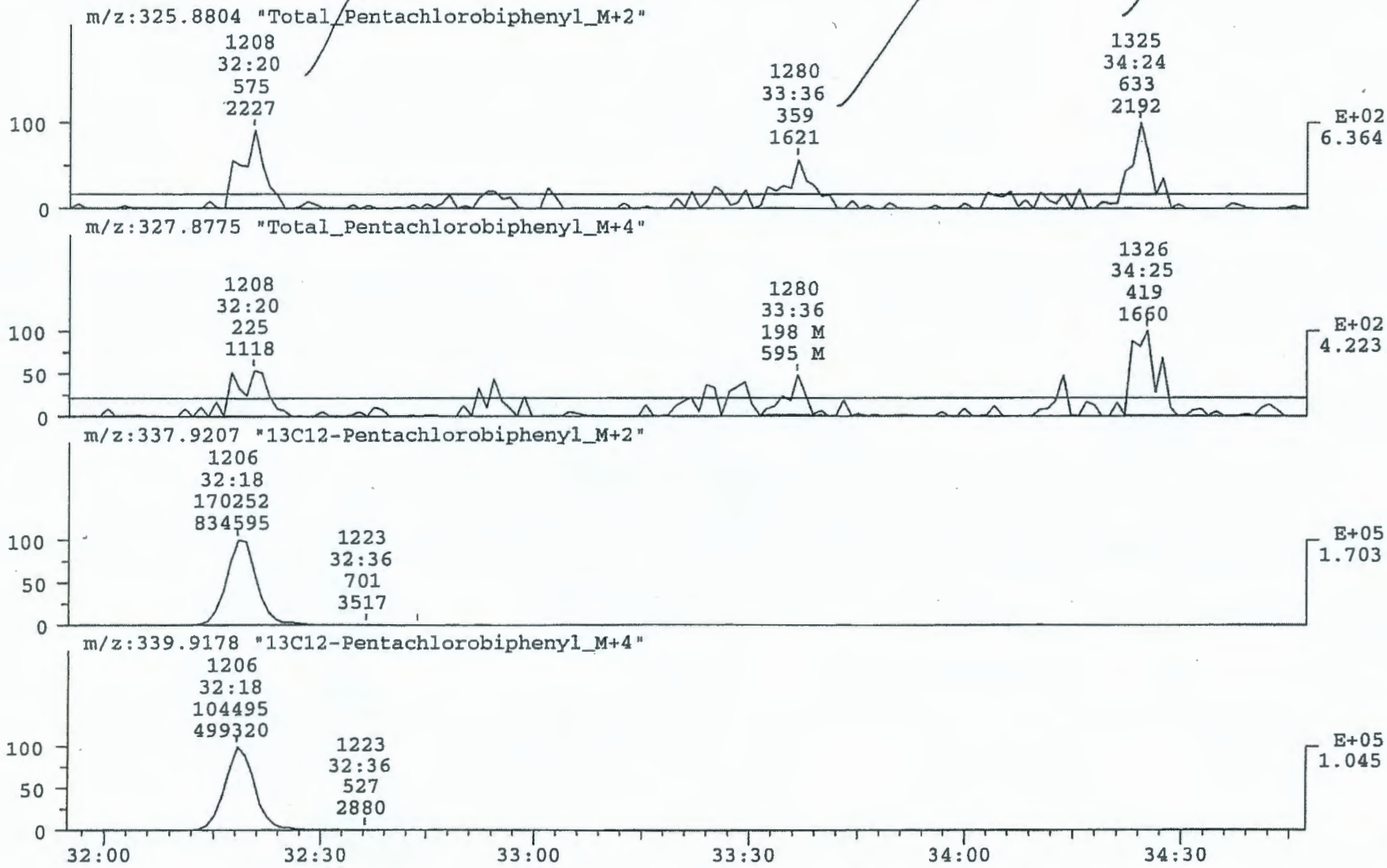
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  40:50      1686
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1606 > 1766          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



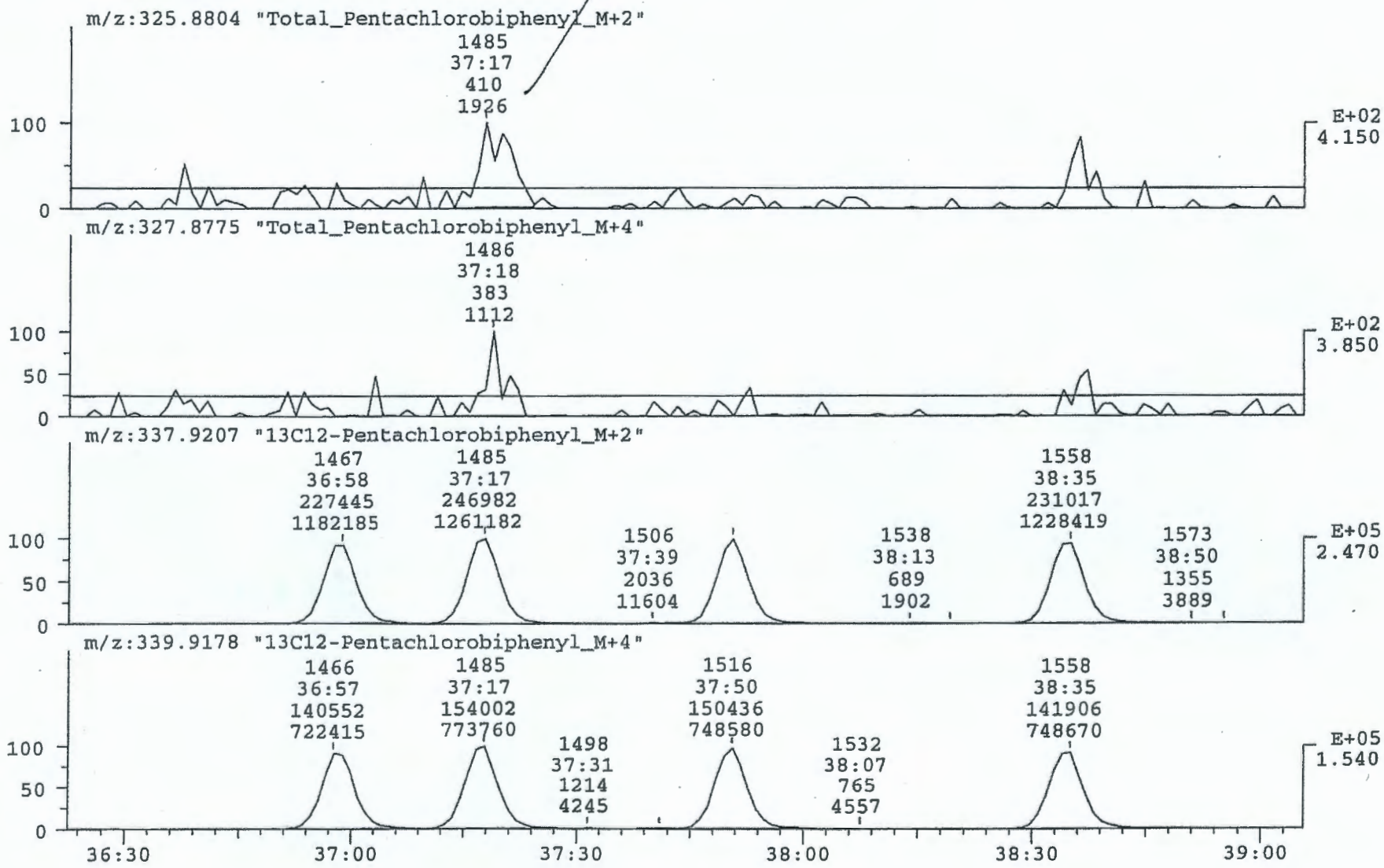
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1012 > 1090         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



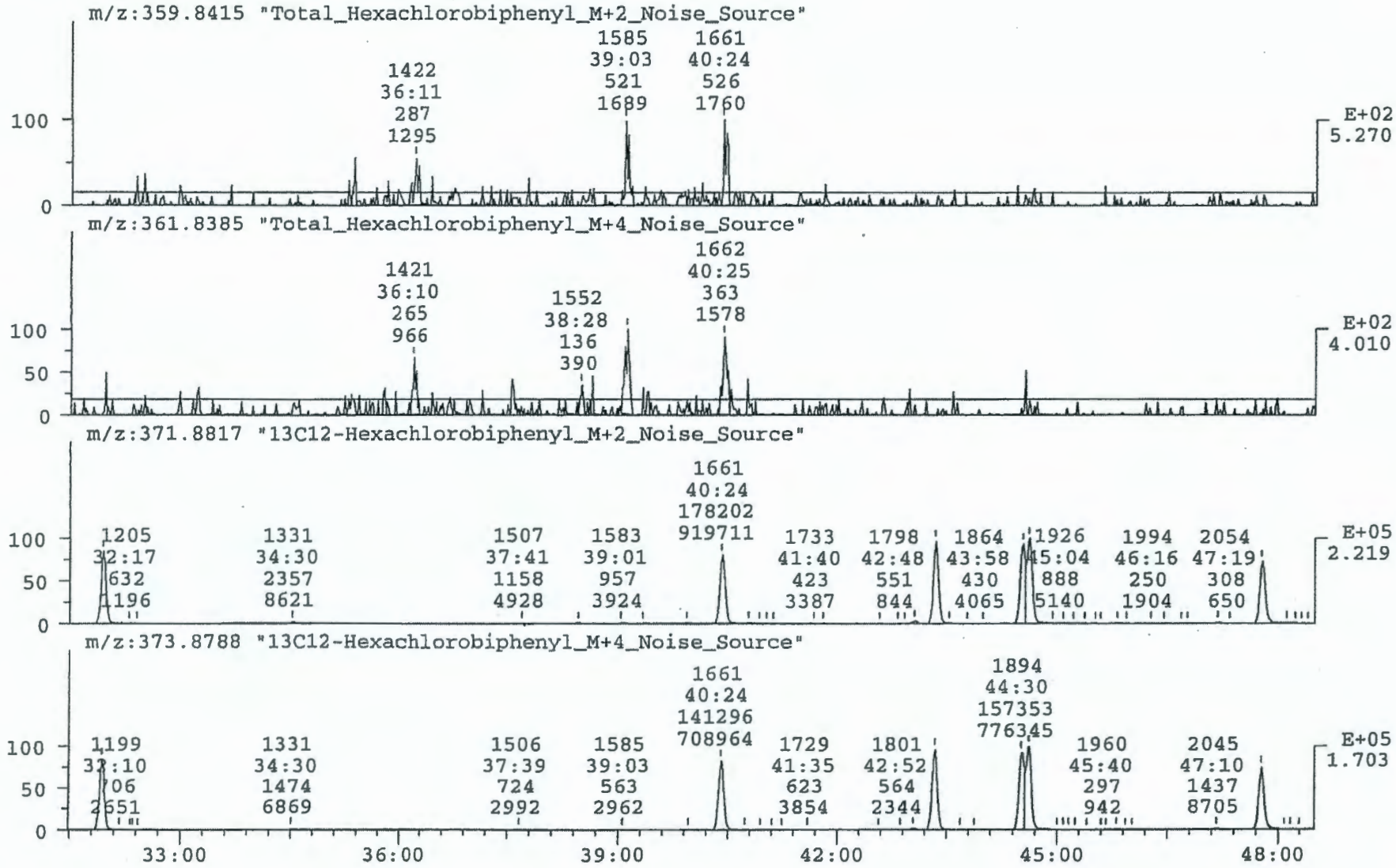
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 1184 > 1347 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -4, 3.0
Disp: Height Area



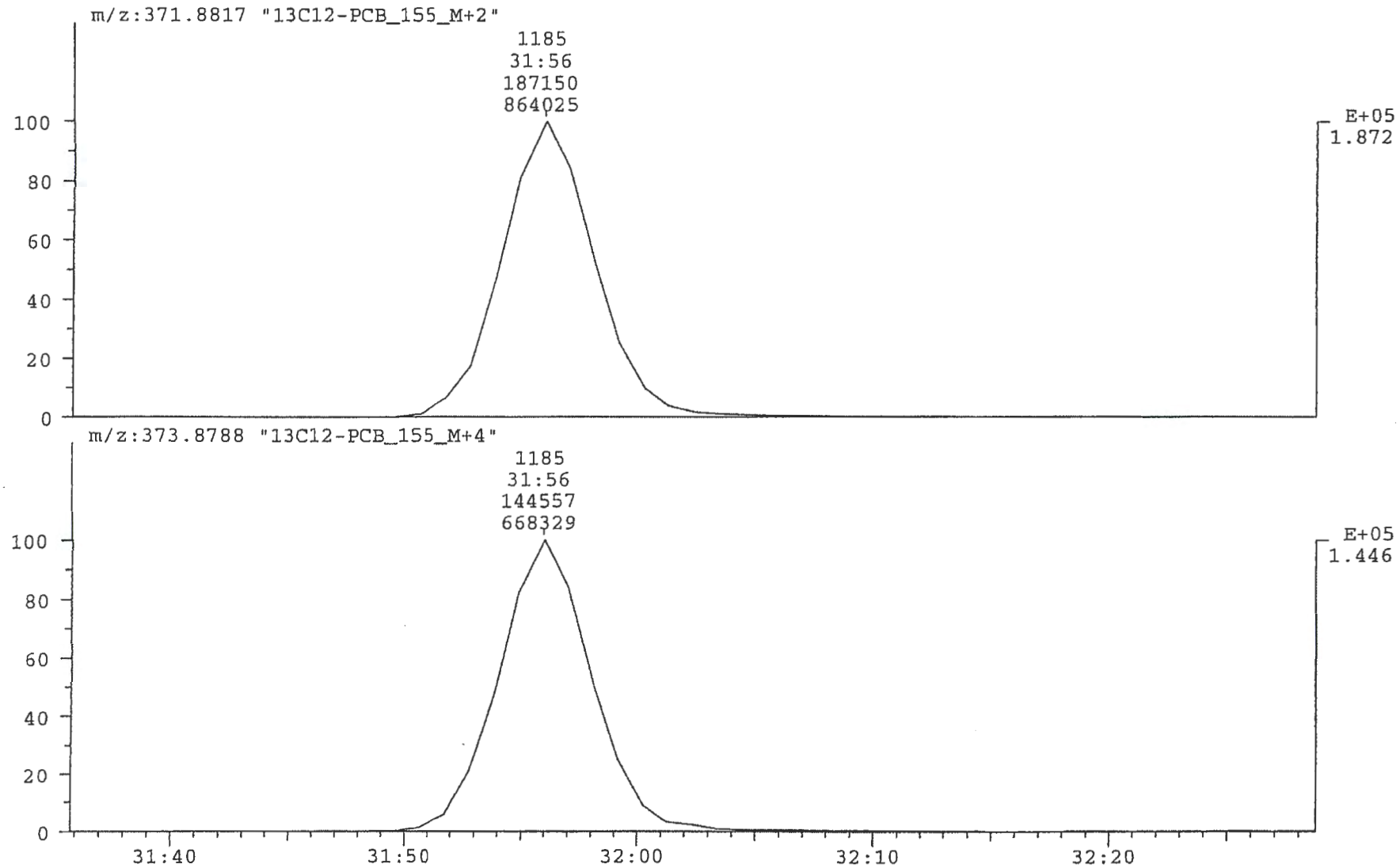
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  34:26      1327
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1433 > 1587          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



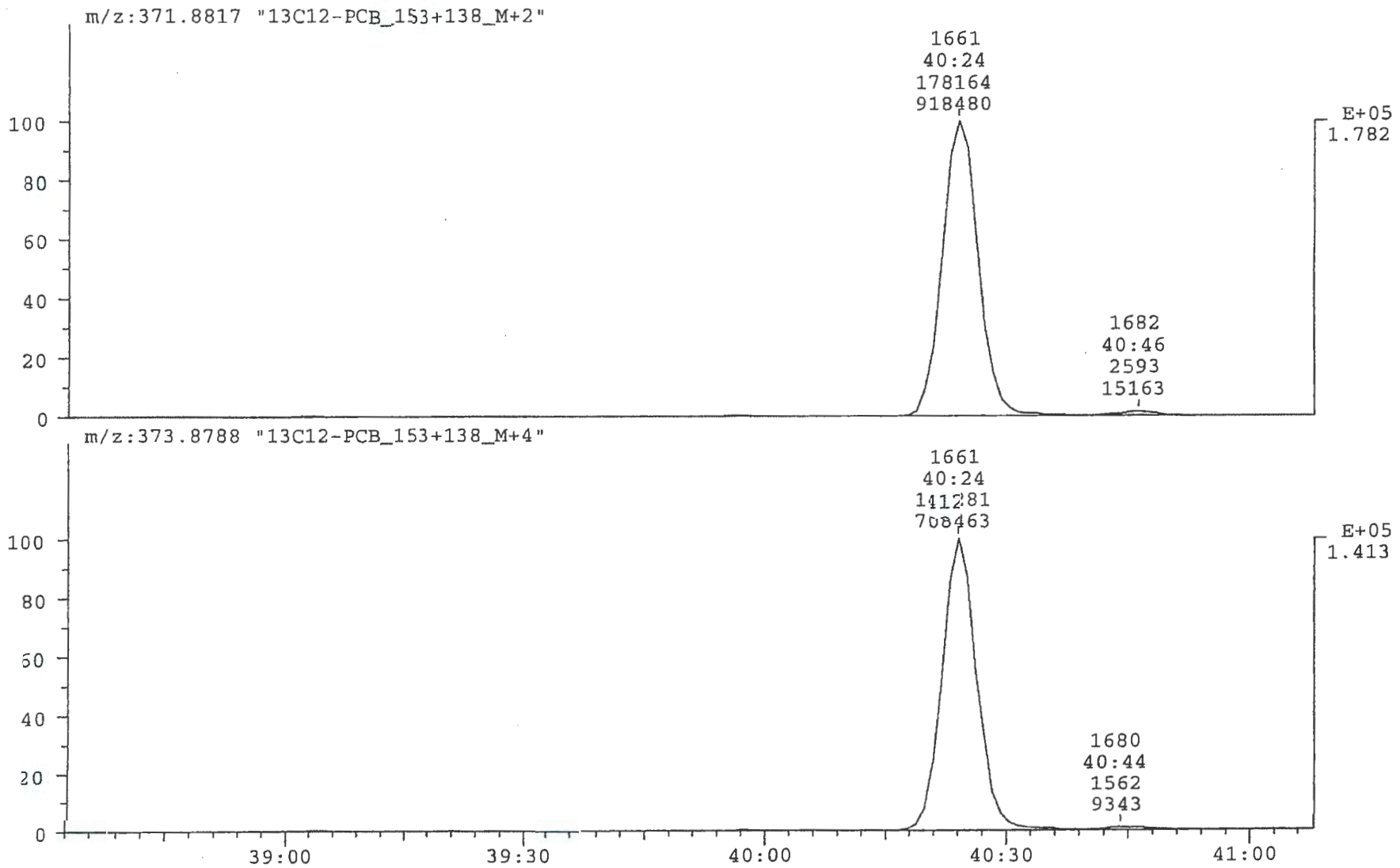
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  39:58      1637
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1160 > 2121         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



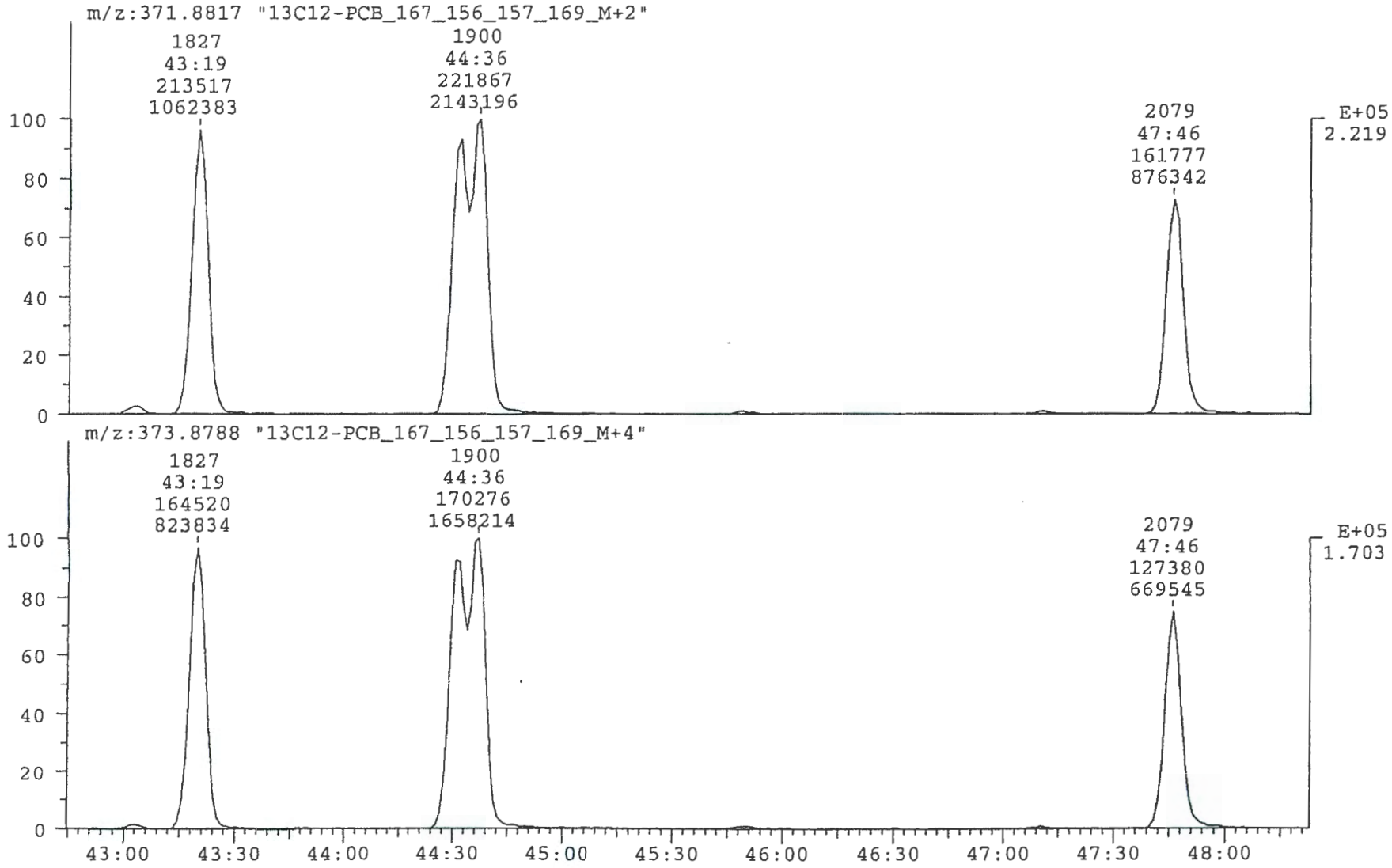
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  32:02      1191
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1166 > 1216         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



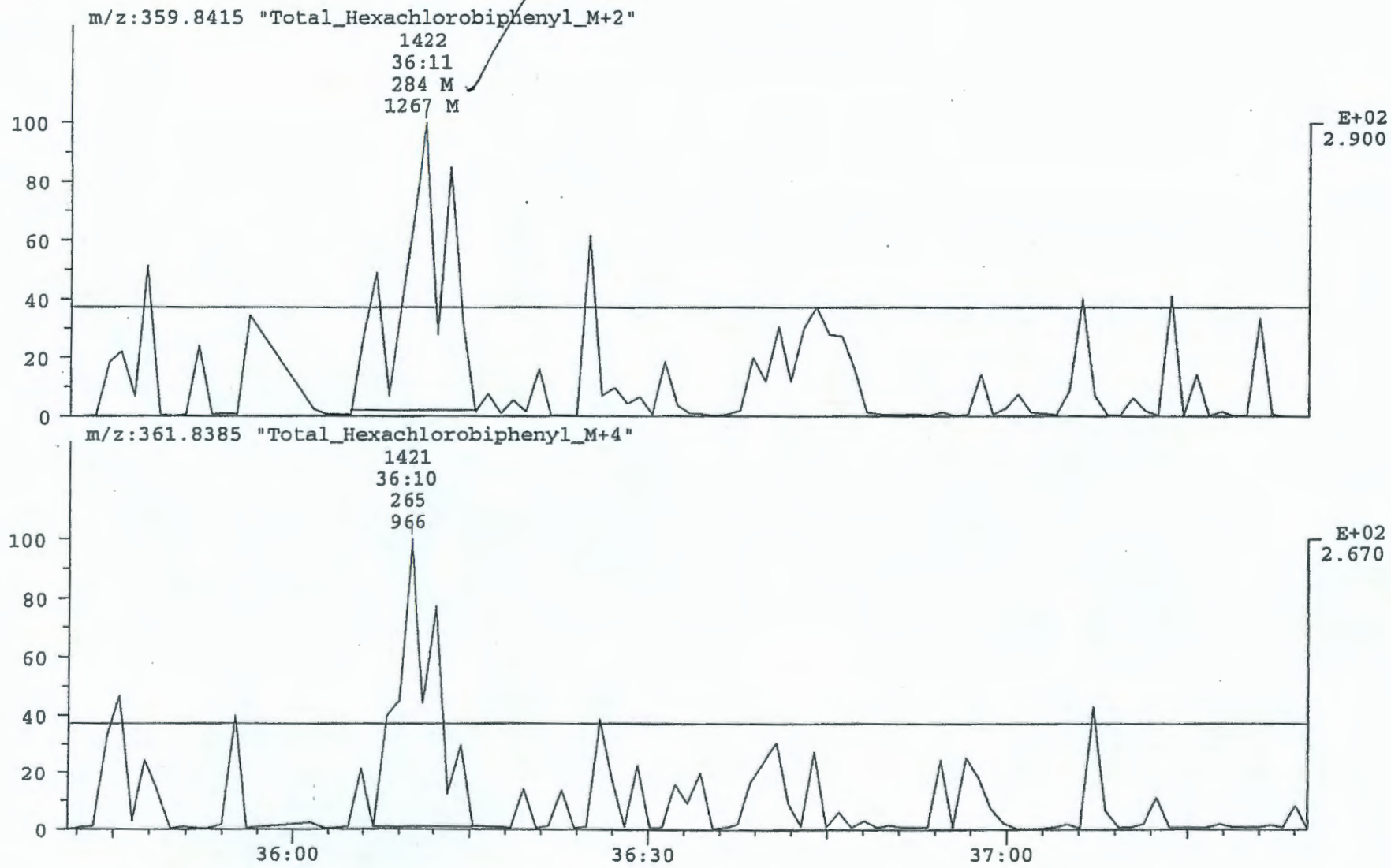
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  39:50      1629
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1556 > 1703          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



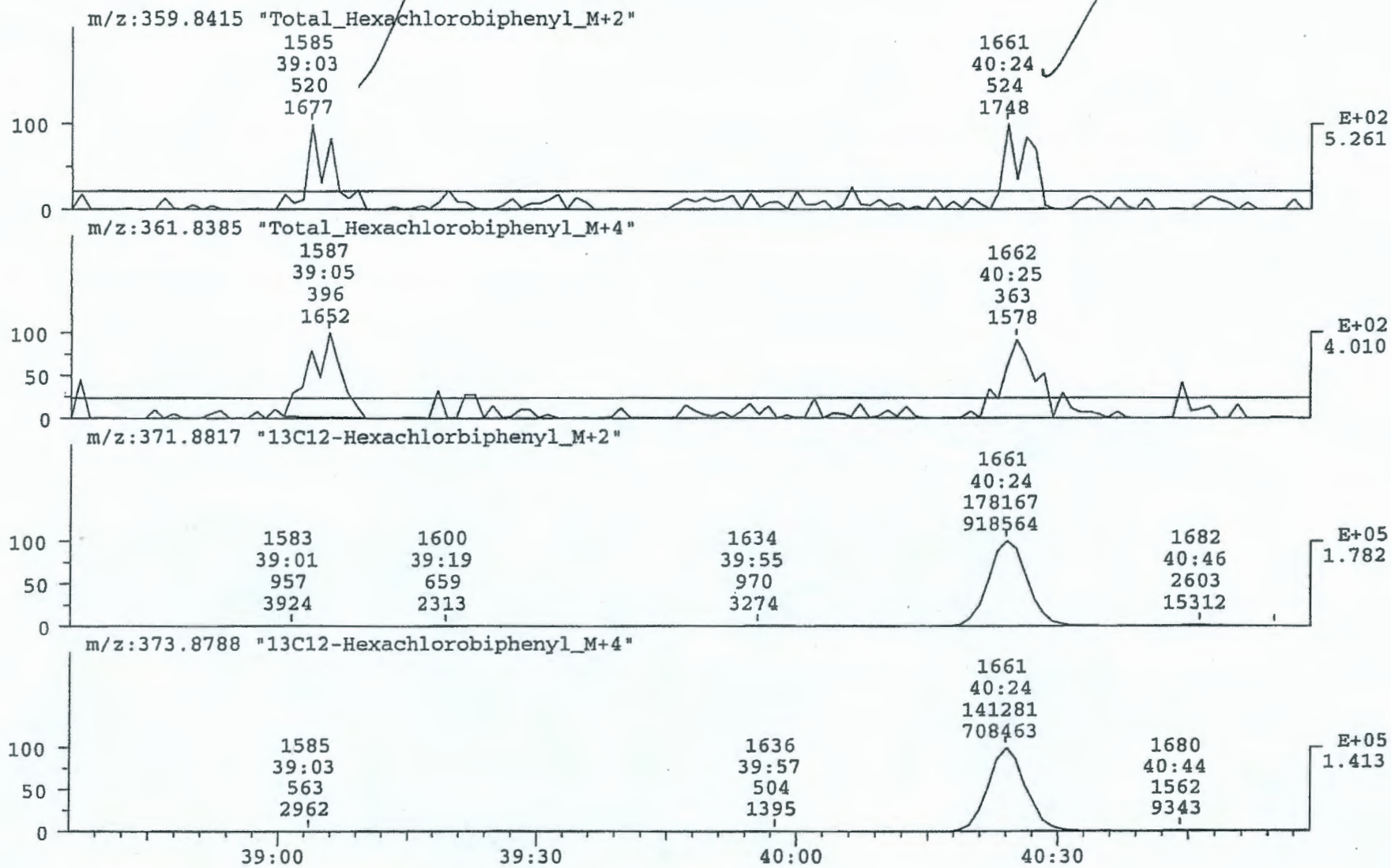
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  45:39      1959
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1794 > 2114          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8               Label :  -3, 3.0
Disp:  Height  Area
```



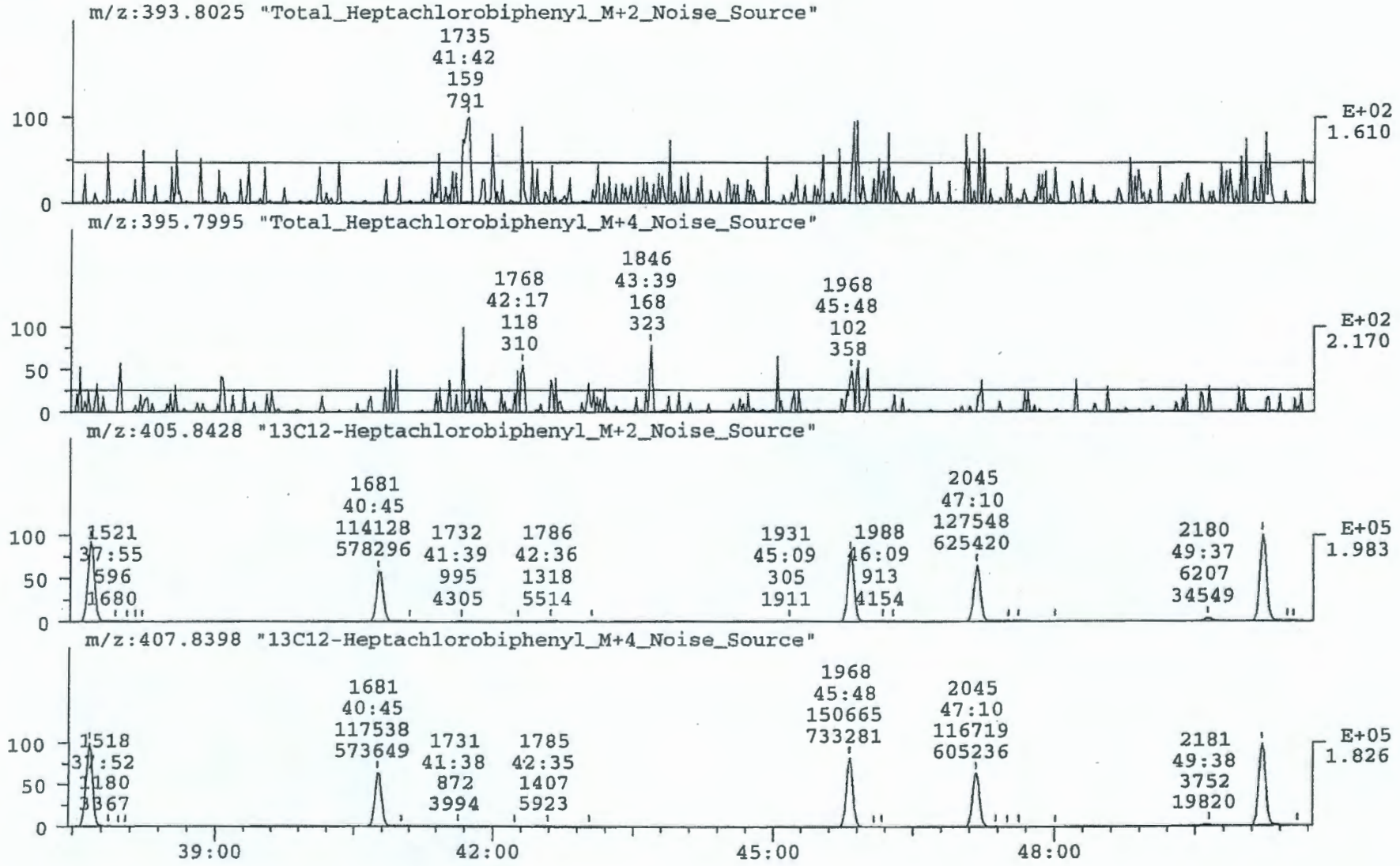
CHRO: apj7c1tb 27-Sep-07 Elapse: 34:26 1327
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 1398 > 1492 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



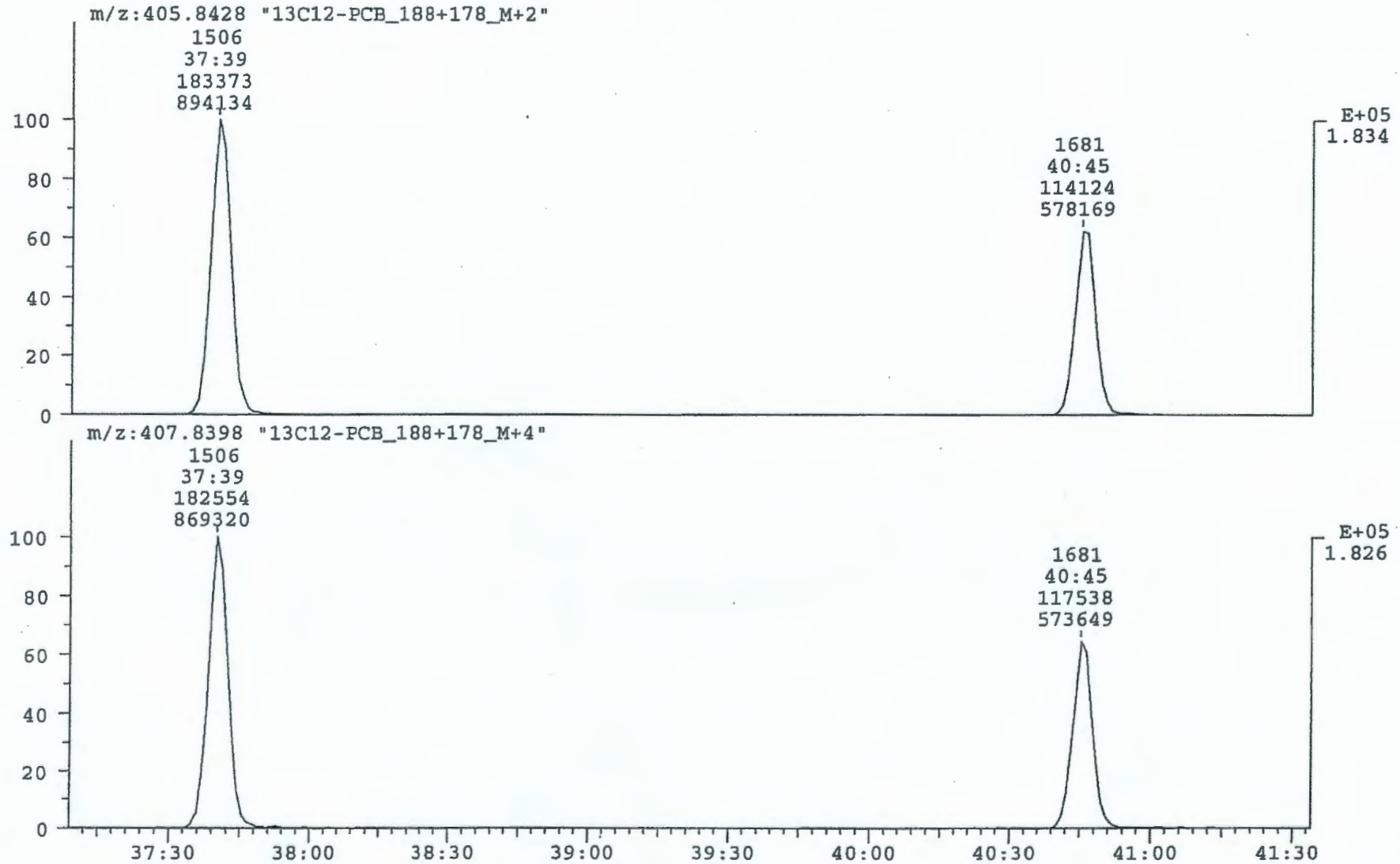
CHRO: apj7c1tb 27-Sep-07 Elapse: 34:26 1327
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 1559 > 1694 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



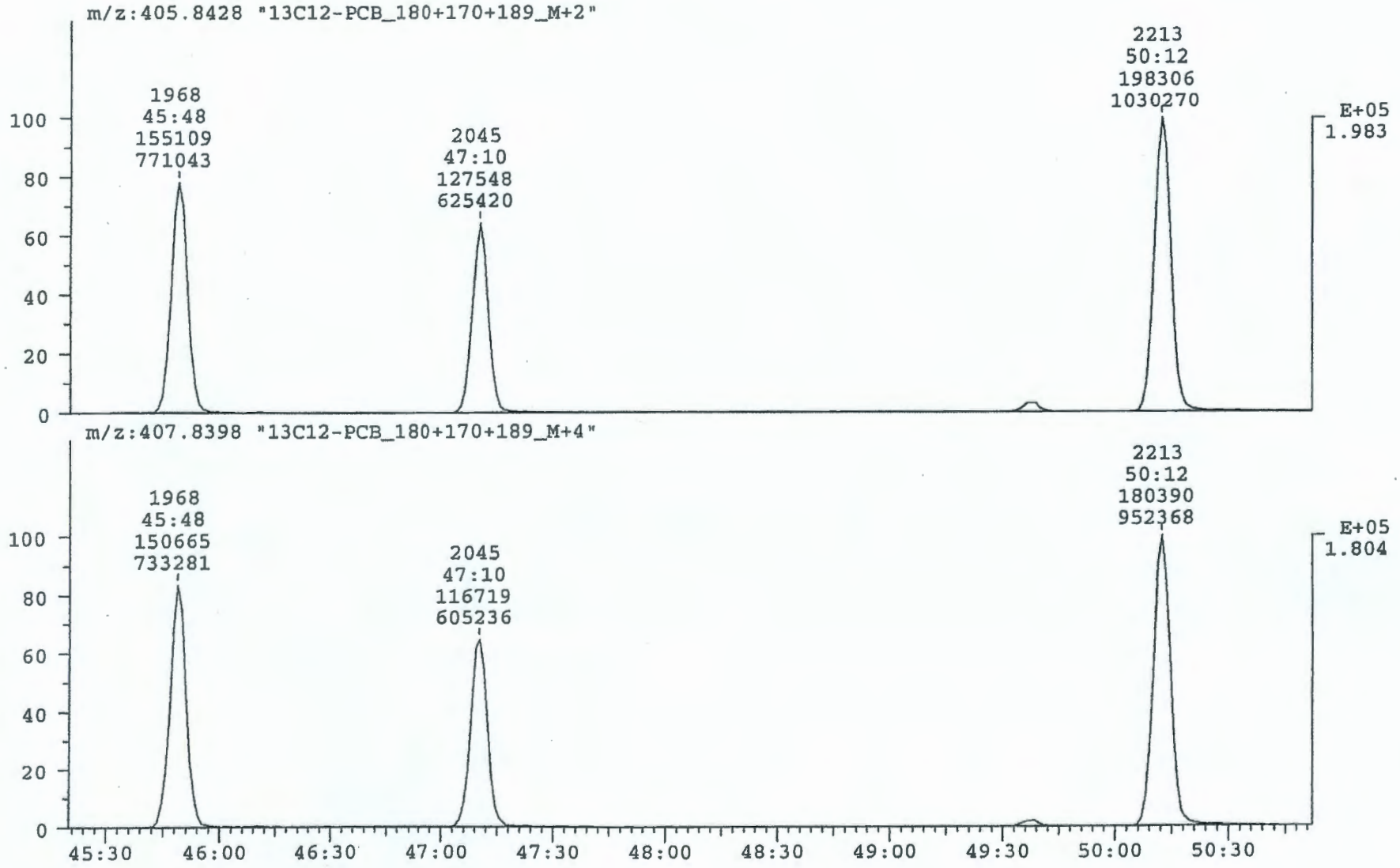
CHRO: apj7c1tb 27-Sep-07 Elapse: 44:06 1871
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 1494 > 2244 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



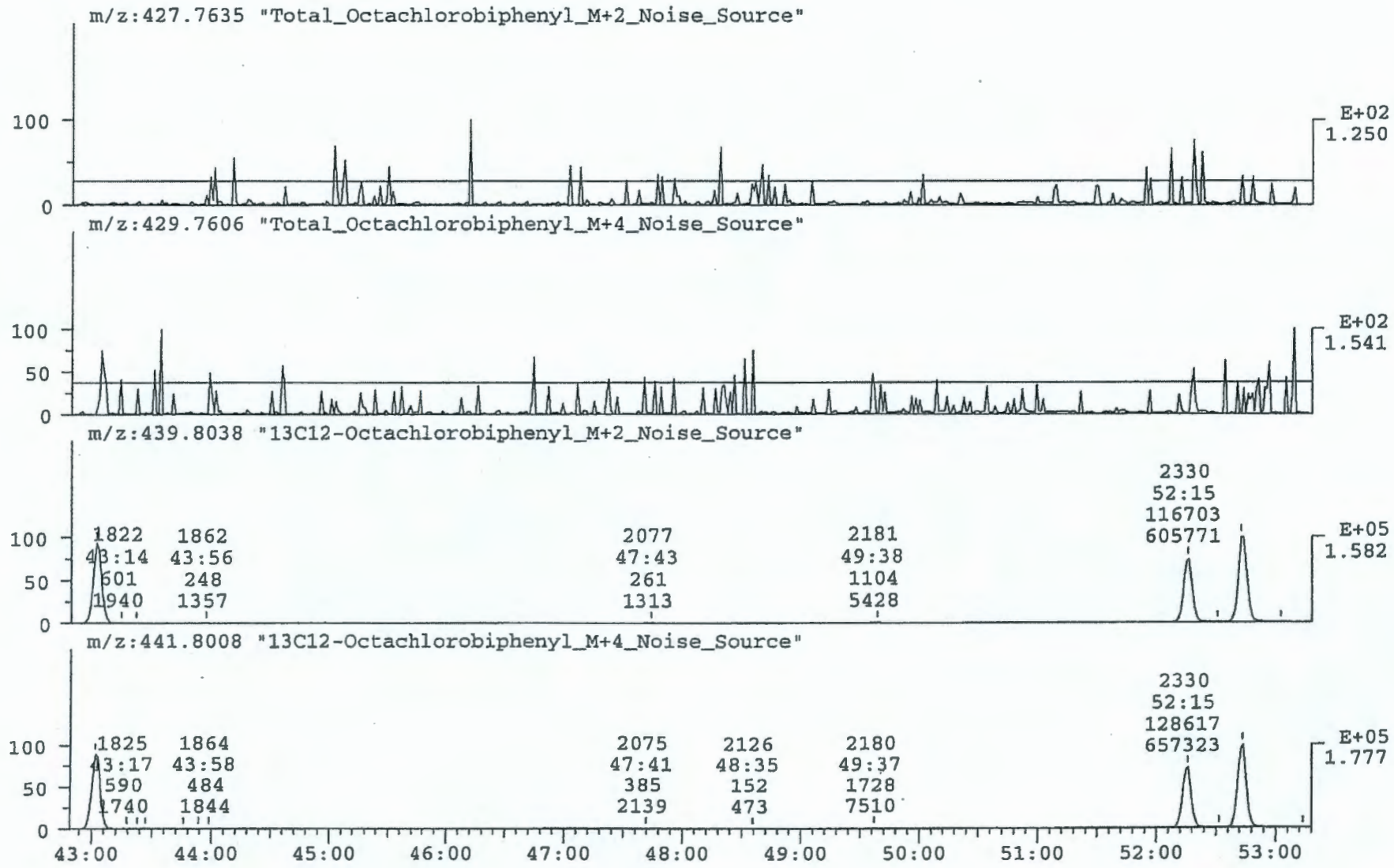
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  39:21      1602
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1477 > 1727          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



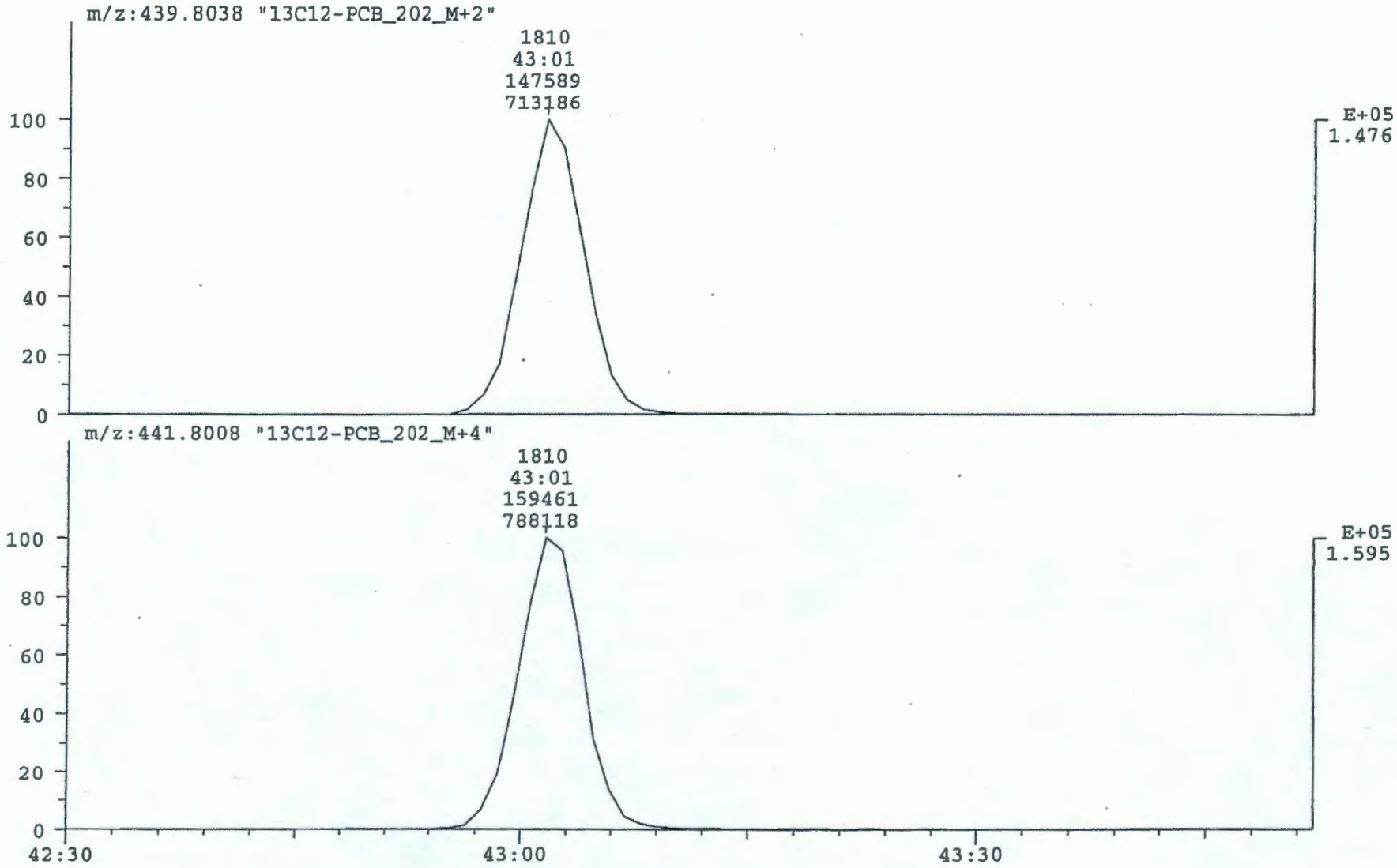
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  48:09      2101
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1941 > 2251          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



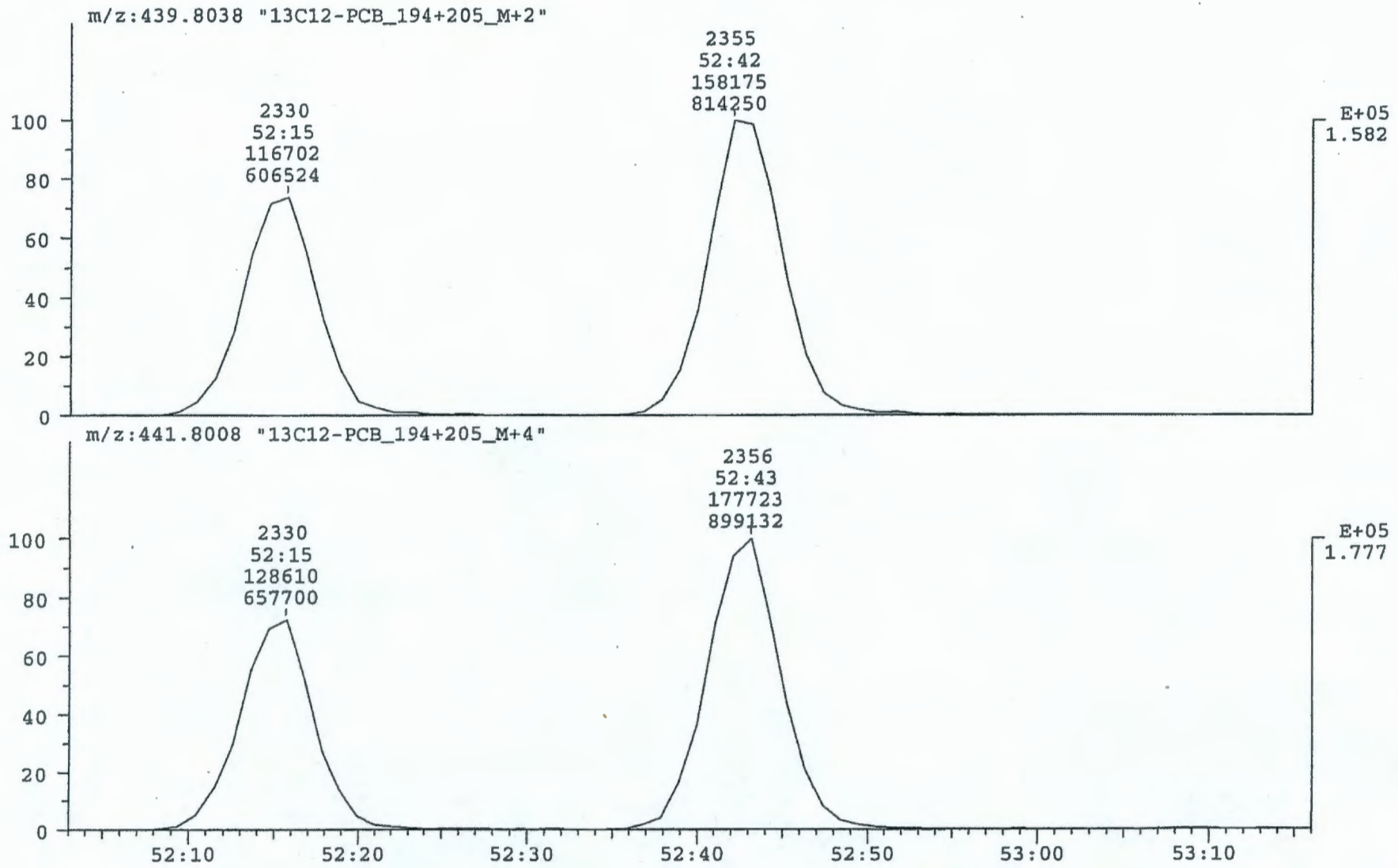
```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  48:02      2095
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1798 > 2389         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



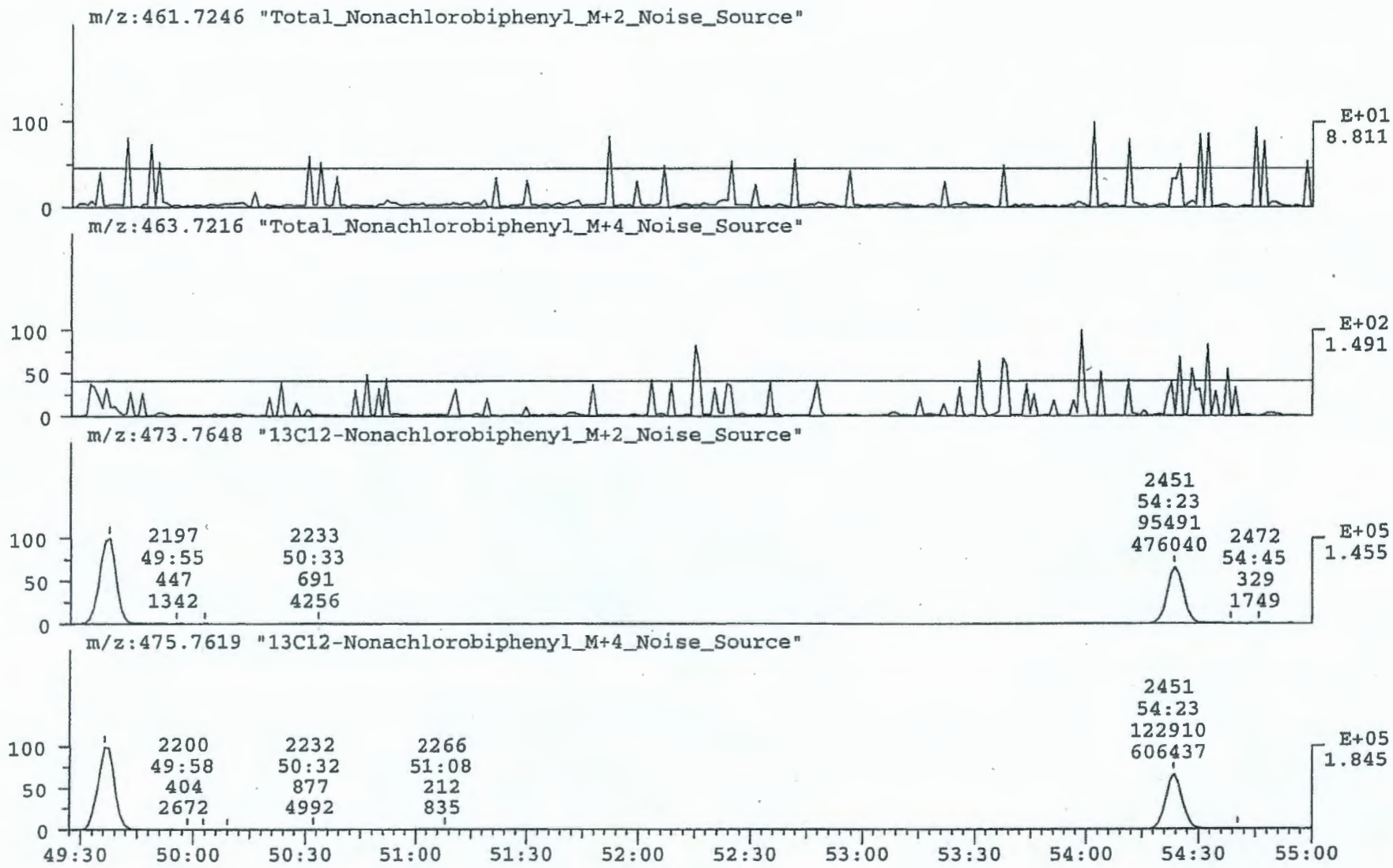
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  43:07      1816
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1780 > 1858          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



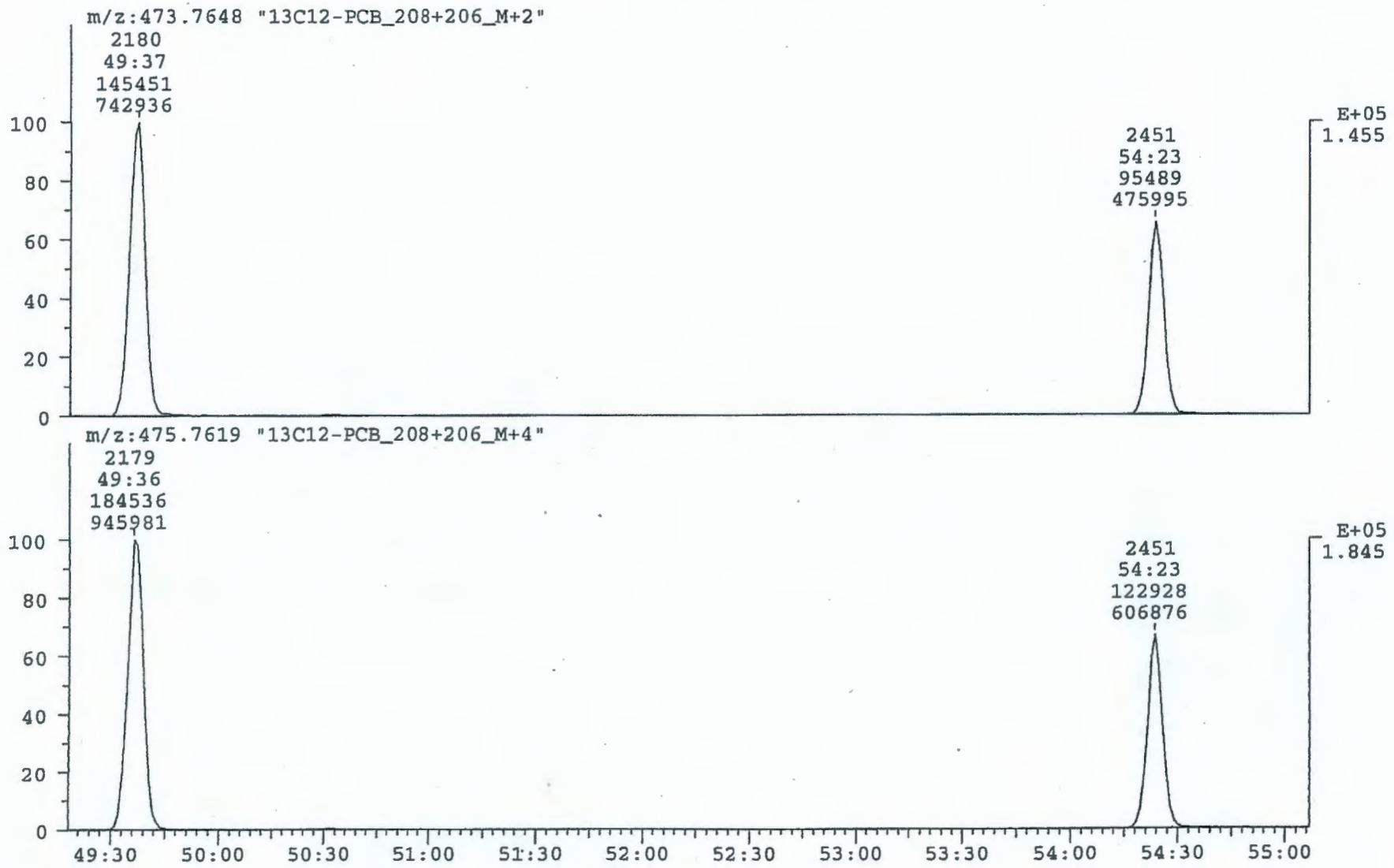
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  52:38      2352
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   2318 > 2387          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



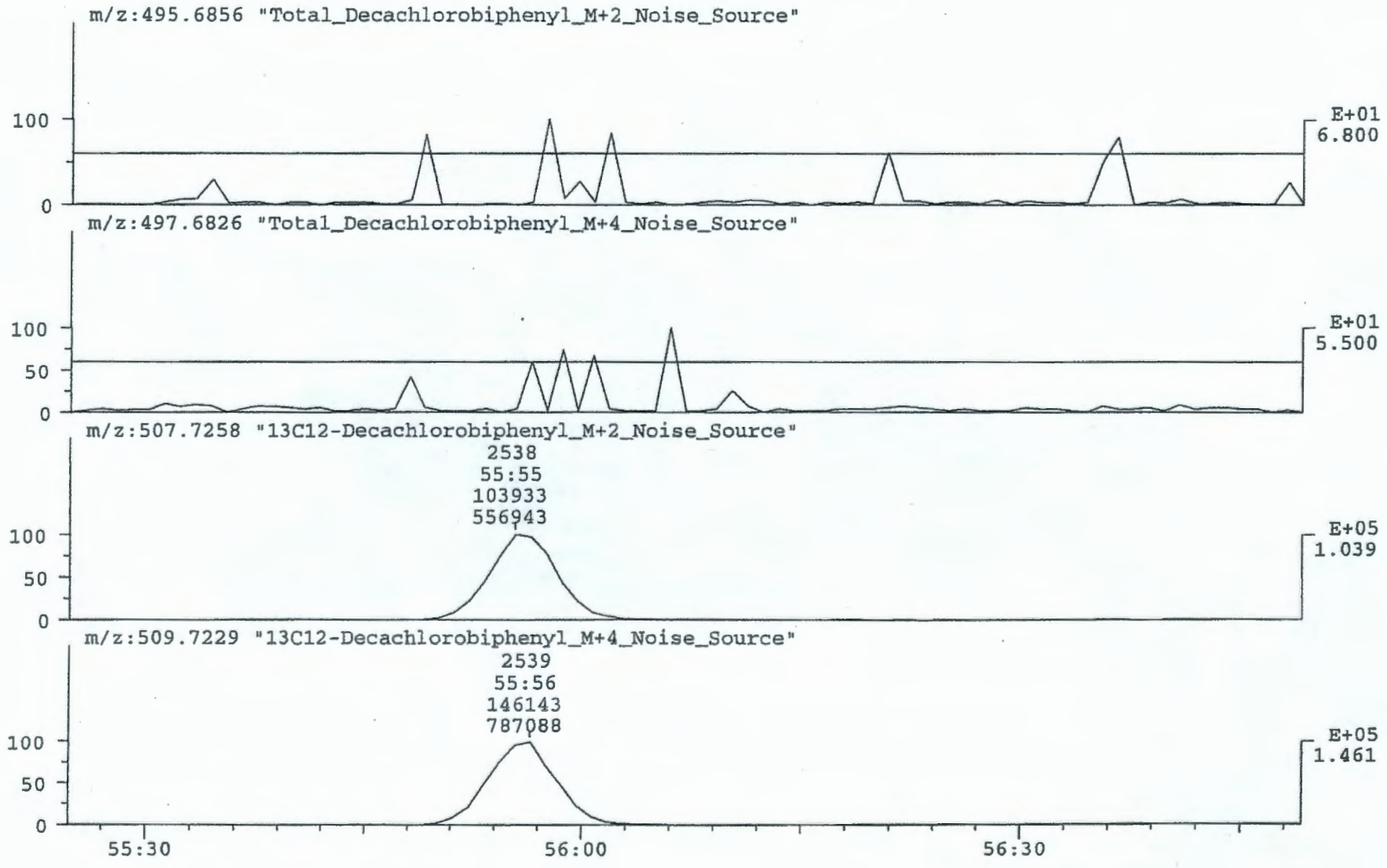
CHRO: apj7c1tb 27-Sep-07 Elapse: 52:12 2327
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 2170 > 2486 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



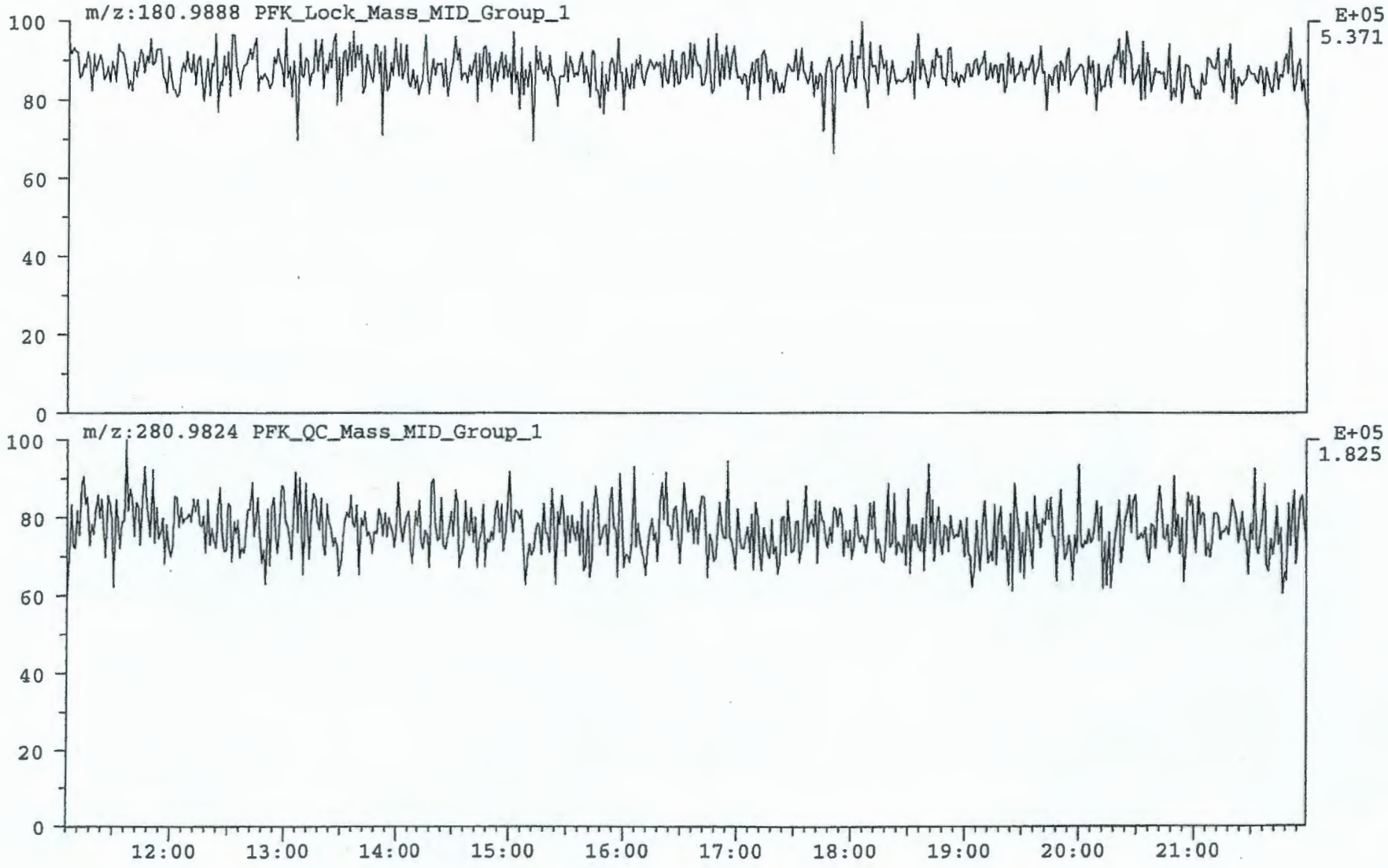
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  52:12      2327
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial 31
Peak:  100.00  ppm      Label wndw:   2162 > 2492          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



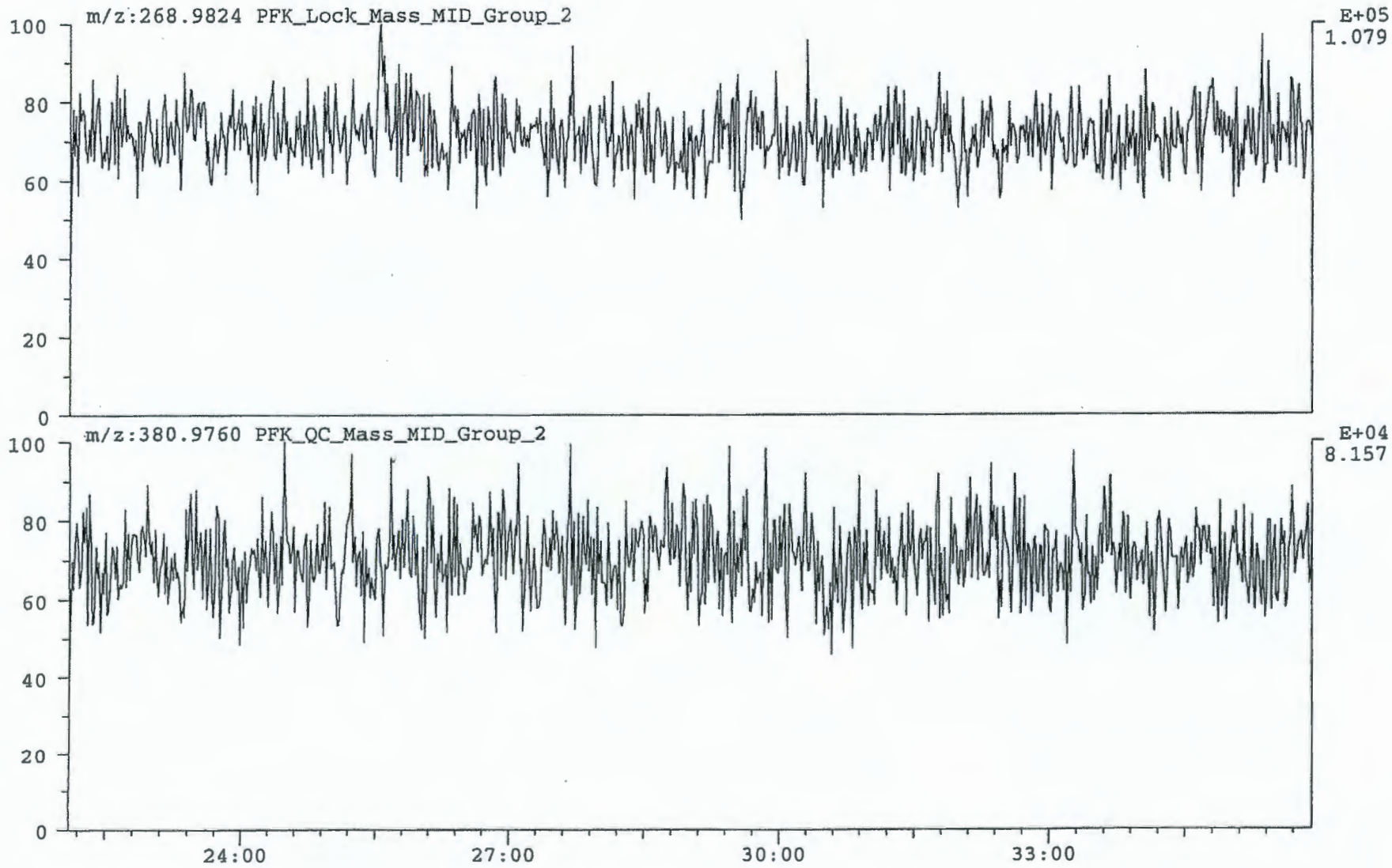
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B              Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   2509 > 2589          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



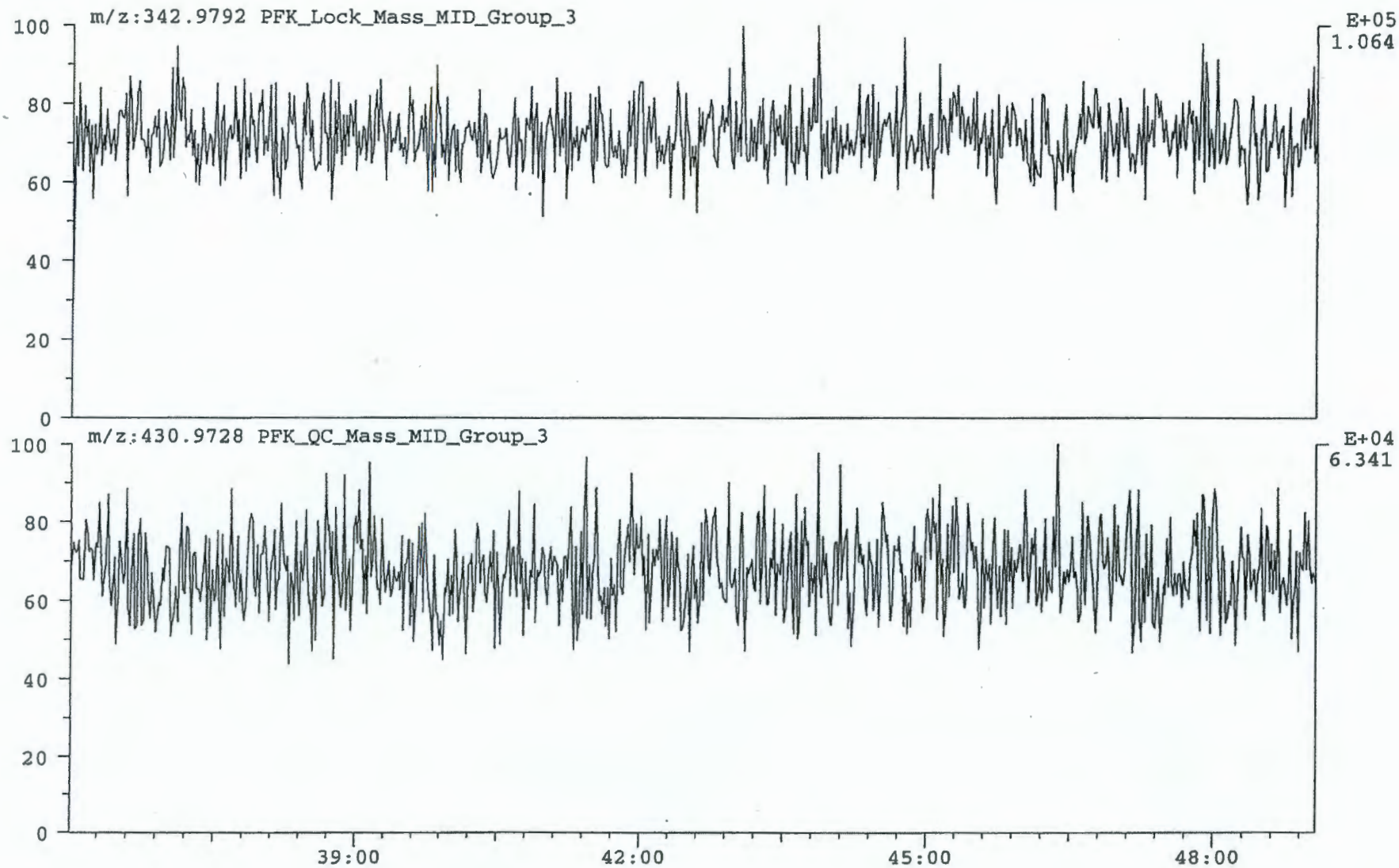
```
CHRO:  apj7c1tb                                27-Sep-07   Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                  Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I210000-161B                Inlet :  GC     Vial  31
Peak:  100.00  ppm     Label wndw:   6 > 624               Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



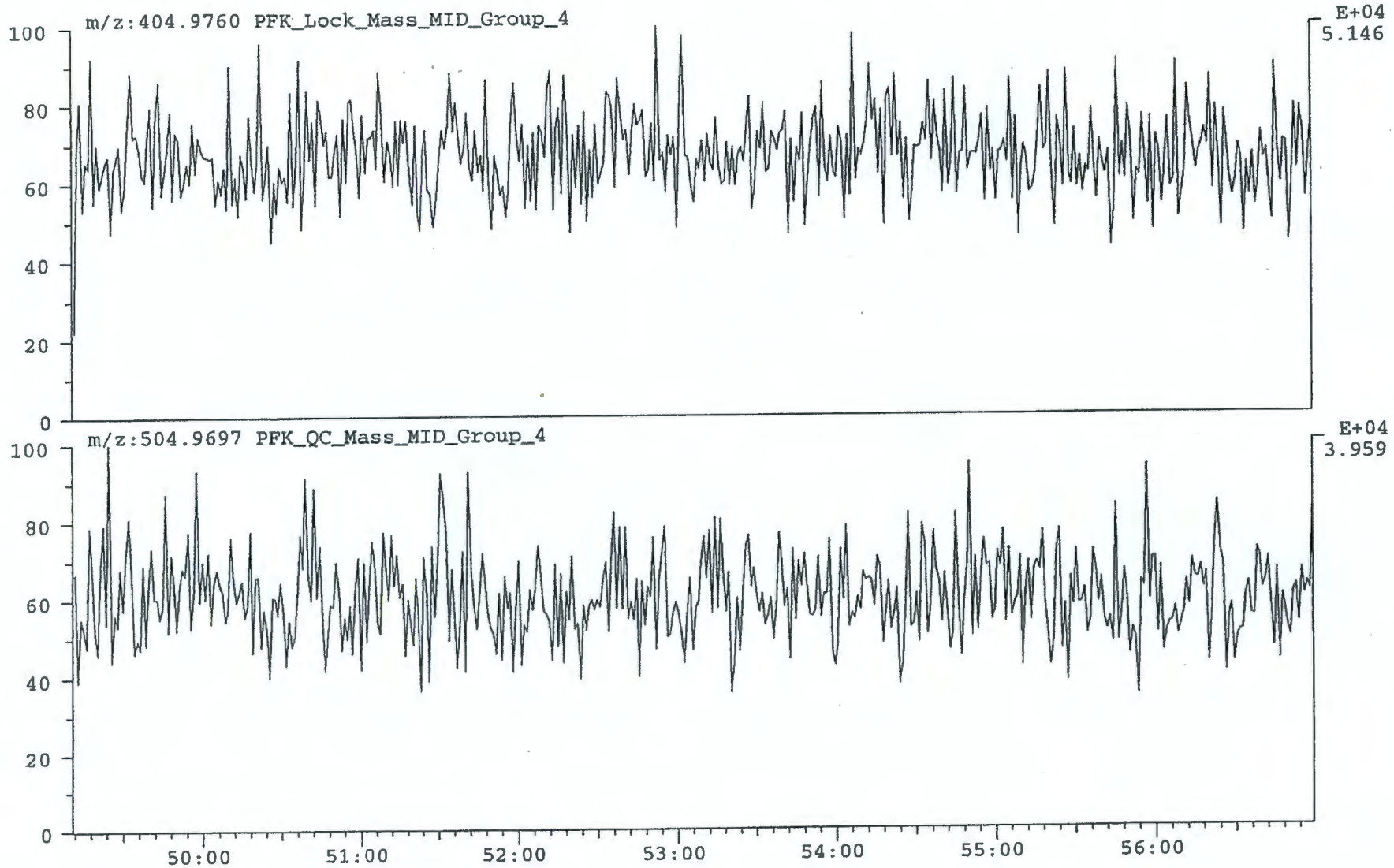
CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 627 > 1410 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



```
CHRO:  apj7c1tb                                27-Sep-07  Elapse:  56:12      2554
Samp:  Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1                 Start :  14:34:42   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I210000-161B             Inlet :  GC     Vial  31
Peak:  100.00  ppm      Label wndw:   1413 > 2153         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  0, 0.0
Disp:  Height  Area
```



CHRO: apj7c1tb 27-Sep-07 Elapse: 56:12 2554
Samp: Vial 31 WO=j7c1t1aa Meth=IE5 Dil=1 Start : 14:34:42 2600
Comm: Inst=m1d/35055-03a Batch=20070927s1 Cca1=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I210000-161B Inlet : GC Vial 31
Peak: 100.00 ppm Label wndw: 2156 > 2598 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: apj7c1tb
Study: 7264161 (10.0g)
Sample: WO=j7c1t1aa Meth=IE5 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: H7I210000-161B
Comments: Inst=m1d/35055-03a Batch=20070927s1 Ccal=20070313i
Injected volume: 2.00
Sample from Vial 31
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 1 of list 070927
ICL procedure: sleep7x
MID procedure: epa1668

MID Remarks: EPA 1668 - 209 PCBs- 2m/z's - 6/29/05

Mid Set Up Parameter:

Measure/lock ratio	1
Damping Relay	FALSE
Width first lock	0.10 amu
Electric jump time	10 ms
Magnetic jump time	60 ms
Offset	75 cts
Electric range	300 %
Sweep peak width	3.00
MID mode	Lock mode
Acq mode	Cent mode

Mid Time Windows:

	Start	Measure	End	Cycletime
# 1	11:00 min	11:00 min	22:00 min	1.00 sec
# 2	22:00 min	13:55 min	35:55 min	1.00 sec
# 3	35:55 min	13:10 min	49:05 min	1.00 sec
# 4	49:05 min	7:55 min	57:00 min	1.00 sec

Mid Masses:
Window # 1

mass	F	int	gr	time (ms)
180.9888	l	10	1	4.10
188.0393		1	1	47.79
190.0363		1	1	47.79
200.0795		1	1	47.79
202.0766		1	1	47.79
222.0003		1	1	47.79
223.9974		1	1	47.79
234.0406		1	1	47.79
236.0376		1	1	47.79
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
269.9986		1	1	47.79
280.9824	c	10	1	4.10
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79

Window # 2

mass	F	int	gr	time (ms)
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
268.9824	l	10	1	4.10
269.9986		1	1	47.79
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
380.9760	c	10	1	4.10

Window # 3

mass	F	int	gr	time (ms)
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
342.9792	l	10	1	4.10
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
393.8025		1	1	47.79
395.7995		1	1	47.79
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
430.9728	c	10	1	4.10
439.8038		1	1	47.79
441.8008		1	1	47.79

Window # 4

mass	F	int	gr	time (ms)
393.8025		1	1	47.79
395.7995		1	1	47.79
404.9760	l	10	1	4.10
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
439.8038		1	1	47.79
441.8008		1	1	47.79
461.7246		1	1	47.79
463.7216		1	1	47.79
473.7648		1	1	47.79
475.7619		1	1	47.79
495.6856		1	1	47.79
497.6826		1	1	47.79
504.9697	c	10	1	4.10
507.7258		1	1	47.79
509.7229		1	1	47.79

Auto Sampler descriptor: 2ul
Normal Injection
Injector A
Slvnt A cln before inj (K): 3 times
Slvnt B cln before inj (L): 0 times

Sample rinse cycles	(R):	0	times
Syringe filling volume	(F):	1.0	ul
Pullup delay time	(D):	4	sec
Sample pullup count	(P):	2	times
Sample pullup speed	(E):	5.0	ul/sec
Slvnt aftr pre inj cln	(U):	0.0	ul
Air after pre inj cln	(G):	2.0	ul
Sample volume	(V):	2.0	ul
Sample air volume	(A):	2.0	ul
Injection speed	(S):	10.0	ul/sec
Pre Inj. wait time	(W):	10	sec
Post Inj. hold time	(H):	3	sec
Solvent A clean cycles	(C):	15	times
Solvent B clean cycles	(B):	0	times
Loop clean w slvnt A	(LC):	0	times
Loop clean w slvnt B	(LB):	0	times
Standard sample volume	(X):	0.0	ul
Standard air volume	(Y):	0.0	ul
2nd Injection volume	(I):	0.0	ul
Air volume of 2nd inj	(J):	0.0	ul
Time btwn 2 injections	(T):	0	sec

GC descriptor : epa1668

Injector:	270 deg		270 deg max
Transfer Line:	280 deg		280 deg max
Column:	75 deg at	0.0 minutes	280 deg max
	75 deg at	2.0 minutes	
	150 deg at	7.0 minutes	
	270 deg at	55.0 minutes	
	270 deg at	57.0 minutes	

Inlet : Splitless mode
Purge time 1.5 min
Purge flow 40.0 ml/min
Gas saver is on
Saver time 3.0 min
Saver flow 15.0 ml/min
Column : Constant Flow 1.0 ml
Stabilize time 0.5 minutes

ICL Parameters

BCORRL	0.0150	BCORRS	0.0110	BCURR	16383.0000
BDEV	16383.0000	BFM	2.0000	BLM	1034.0919
BMASS	180.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.6235
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-14.7250
DRAWC	1.0000	DRAWS	0.0050	ECORR	0.9993
ECURR	1.0000	EDAC	7969177.0000	EDACG	1.0003
EDACR	23.0000	EDACZ	-2196.0000	ELEN	56.3500
EMULT	2.3000	ENS	163.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	148.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	600.9615	FSLOPE	54000000.0000	FVANAL	305.0000
FVINLET	283.0000	FVSRC	948.0000	FWIN	0.7000
GCTC	173.0000	GCTI	270.0000	GCTL	280.0000
HACCU	156.0000	HCURR	1.4902	HVANAL	1356.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	IST	269.8026
ISTC	0.0000	ISTCKP	5.0000	ISTCTD	1.0000
ISTCTN	2.0000	ISTCTS	60.0000	ISTCTV	3.0000
ISTS	270.0000	LENS	1402.0000	LENSS	84.4000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2349141.2750

MDACR	23.0000	MRANGE	1034.0919	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	409.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-6.5500
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10054.8378	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	0.0000	SHIELD	2459.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.9500	TCURR	0.8203
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UOFS	5.0000
URATIO	1.9800	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2613.0000
XLENSS	-14.4000	YLENS	3700.0000	YLENSS	22.8000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 27-Sep-07 14:34:42.7

Autosampler has injected sample from vial 31
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 8406
MID Time Window 3: Resolution is 8165
MID Time Window 4: Resolution is 9204
Analysis stopped at: 27-Sep-07 15:31:45.7 (run time 57.03 minutes)
Analysis stopped because MID run finished

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	J00132	Work Order # ...:	J7C1T1AC-LCS	Matrix .....:	BIOLOGICA
LCS Lot-Sample# :	H7I210000 - 161				
Prep Date .....:	09/21/07	Analysis Date ..:	09/28/07		
Prep Batch # ...:	7264161				
Dilution Factor :	1				
Analyst ID.....:	Patricia(Trish) M. Parsl	Instrument ID..:	M1D	Method.....:	EPA-22 1668A
Initial Wgt/Vol:	10 g				

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY		RECOVERY LIMITS
PCB 1 (BZ)	0.50	0.43	ng/g	87	B	(50 - 150)
PCB 3 (BZ)	0.50	0.40	ng/g	79		(50 - 150)
PCB 4 (BZ)	0.50	0.44	ng/g	88	B	(50 - 150)
PCB 15 (BZ)	0.50	0.41	ng/g	82	B	(50 - 150)
PCB 19 (BZ)	0.50	0.50	ng/g	100		(50 - 150)
PCB 37 (BZ)	0.50	0.44	ng/g	89		(50 - 150)
PCB 77 (BZ)	0.50	0.46	ng/g	93		(50 - 150)
PCB 81 (BZ)	0.50	0.45	ng/g	89		(50 - 150)
PCB 104 (BZ)	0.50	0.46	ng/g	92		(50 - 150)
PCB 105 (BZ)	0.50	0.45	ng/g	90		(50 - 150)
PCB 114 (BZ)	0.50	0.49	ng/g	97		(50 - 150)
PCB 118 (BZ)	0.50	0.46	ng/g	92	B	(50 - 150)
PCB 123 (BZ)	0.50	0.48	ng/g	95		(50 - 150)
PCB 126 (BZ)	0.50	0.46	ng/g	91		(50 - 150)
PCB 155 (BZ)	0.50	0.45	ng/g	90		(50 - 150)
PCB 156 (BZ)	1.0	0.88	ng/g	88	C	(50 - 150)
PCB 157 (BZ)	1.0	0.88	ng/g	88	C C156	(50 - 150)
PCB 167 (BZ)	0.50	0.44	ng/g	87		(50 - 150)
PCB 169 (BZ)	0.50	0.44	ng/g	88		(50 - 150)
PCB 188 (BZ)	0.50	0.44	ng/g	89		(50 - 150)
PCB 189 (BZ)	0.50	0.45	ng/g	91		(50 - 150)
PCB 202 (BZ)	0.50	0.44	ng/g	88		(50 - 150)
PCB 205 (BZ)	0.50	0.47	ng/g	93		(50 - 150)
PCB 206 (BZ)	0.50	0.44	ng/g	88		(50 - 150)
PCB 208 (BZ)	0.50	0.46	ng/g	91		(50 - 150)
PCB 209 (BZ)	0.50	0.47	ng/g	93		(50 - 150)

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	60	(30 - 140)
13C12-PCB 3	58	(30 - 140)
13C12-PCB 4	73	(30 - 140)
13C12-PCB 15	74	(30 - 140)
13C12-PCB 19	77	(30 - 140)
13C12-PCB 37	82	(30 - 140)
13C12-PCB 54	84	(30 - 140)
13C12-PCB 77	85	(30 - 140)
13C12-PCB 81	84	(30 - 140)
13C12-PCB 104	86	(30 - 140)
13C12-PCB 105	90	(30 - 140)
13C12-PCB 114	91	(30 - 140)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...: J00132 **Work Order # ...:** J7C1T1AC-LCS **Matrix .....:** BIOLOGICA
LCS Lot-Sample# : H7I210000 - 161

INTERNAL STANDARD	PERCENT RECOVERY		RECOVERY LIMITS
13C12-PCB 118	95		(30 - 140)
13C12-PCB 123	92		(30 - 140)
13C12-PCB 126	87		(30 - 140)
13C12-PCB 155	100		(30 - 140)
13C12-PCB 156	93	C	(30 - 140)
13C12-PCB 157	93	C	(30 - 140)
13C12-PCB 167	94		(30 - 140)
13C12-PCB 169	76		(30 - 140)
13C12-PCB 170	97		(30 - 140)
13C12-PCB 188	94		(30 - 140)
13C12-PCB 189	89		(30 - 140)
13C12-PCB 202	107		(30 - 140)
13C12-PCB 205	95		(30 - 140)
13C12-PCB 206	108		(30 - 140)
13C12-PCB 208	112		(30 - 140)
13C12-PCB 209	123		(30 - 140)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	87	(40 - 125)
13C12-PCB 111	98	(40 - 125)
13C12-PCB 178	89	(40 - 125)

Notes:

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

C Co-eluting isomer.

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
Total Monochlorobiphenyl		3411090	989538			12.341208		1.234121	B	0.00153
13C12-PCB 1	12:12	2195841	756874	1.318	10.00	5.983219	59.83	0.598322		0.000732
13C12-PCB 3	14:27	2139975	530549	1.325	10.00	5.796639	57.97	0.579664		0.000728
PCB 1 (BZ)	12:12	1190287	385035	1.253	5.000	4.326595	86.53	0.432659	B	0.000435
PCB 2 (BZ)	14:16	1074365	299678	1.226	5.000	4.041057	80.82	0.404106	B	0.000523
PCB 3 (BZ)	14:28	1146438	304825	1.348	5.000	3.973556	79.47	0.397356		0.000577
Total Dichlorobiphenyl		13061507	3075739			53.415478		5.341548	B	0.0203
13C12-PCB 4	14:43	1258308	354191	0.615	10.00	7.347559	73.48	0.734756		0.00101
13C12-PCB 9	16:41	2785202	727939	1.000	10.00	10.000000	100.00	1.000000		0.000622
13C12-PCB 8				1.332	5.000			ND		0.000878
13C12-PCB 15	20:45	2194747	419683	1.065	10.00	7.400564	74.01	0.740056		0.000584
PCB 4 (BZ)	14:45	668585	198852	1.212	5.000	4.385554	87.71	0.438555	B	0.00232
PCB 10 (BZ)	14:54	1042596	311007	1.326	5.000	4.555449	91.11	0.455545	B	0.00194
PCB 9 (BZ)	16:42	1092520	292108	1.445	5.000	4.378331	87.57	0.437833	B	0.00178
PCB 7 (BZ)	16:51	1143223	292809	1.432	5.000	4.624952	92.50	0.462495	B	0.00180
PCB 6 (BZ)	17:09	1123610	282323	1.450	5.000	4.487863	89.76	0.448786	B	0.00178
PCB 5 (BZ)	17:28	978728	257292	1.356	5.000	4.180911	83.62	0.418091	B	0.00190
PCB 8 (BZ)	17:36	1119666	287750	1.477	5.000	4.391169	87.82	0.439117	B	0.00175
PCB 14 (BZ)	19:11	1384335	304809	1.687	5.000	4.751576	95.03	0.475158	B	0.00153
PCB 11 (BZ)	20:06	1147170	230192	1.448	5.000	4.589624	91.79	0.458962	B	0.00178
PCB 13 (BZ)		2250689		1.454	10.00	8.965963	89.66	0.896596	BC12	0.00177
PCB 12 (BZ)	20:26	2250689	395826	1.454	10.00	8.965963	89.66	0.896596	BC	0.00177
PCB 15 (BZ)	20:46	1110385	222771	1.233	5.000	4.104086	82.08	0.410409	B	0.00193
Total Trichlorobiphenyl		26971696	4075412			113.532081		11.353208	B	0.0316
13C12-PCB 19	17:56	1007052	261026	0.558	10.00	7.693783	76.94	0.769378		0.00317
13C12-PCB 32	21:11	2344282	535966	1.000	10.00	10.000000	100.00	1.000000		0.00177
13C12-PCB 31	23:26	3062495	633925	1.000	10.00	10.000000	100.00	1.000000		0.00149
13C12-PCB 28	23:43	2590973	521756	0.968	10.00	8.741292	87.41	0.874129		0.00154
13C12-PCB 37	27:51	2234619	379650	0.885	10.00	8.242538	82.43	0.824254		0.00169
PCB 19 (BZ)	17:57	591117	152662	1.178	5.000	4.984172	99.68	0.498417		0.00215
PCB 30 (BZ)	19:38	955276	243693	1.874	5.000	5.060780	101.22	0.506078		0.00135
PCB 18 (BZ)	19:48	655611	154305	1.262	5.000	5.158000	103.16	0.515800	B	0.00200
PCB 17 (BZ)	20:11	674363	155710	1.326	5.000	5.050251	101.01	0.505025	B	0.00191
PCB 27 (BZ)	20:27	930174	234460	1.945	5.000	4.748592	94.97	0.474859		0.00130
PCB 24 (BZ)	20:33	939560	229228	1.782	5.000	5.235618	104.71	0.523562		0.00142
PCB 16 (BZ)	20:44	545771	125928	1.157	5.000	4.682732	93.65	0.468273		0.00218
PCB 32 (BZ)	21:12	1014990	232073	1.966	5.000	5.125443	102.51	0.512544		0.00129
PCB 34 (BZ)	22:24	1209198	286092	1.216	5.000	4.450150	89.00	0.445015	B	0.00143
PCB 23 (BZ)	22:32	1253693	280286	1.208	5.000	4.645056	92.90	0.464506	B	0.00144
PCB 29 (BZ)	22:53	2560191	491833	1.265	10.00	9.058787	90.59	0.905879	BC26	0.00137
PCB 26 (BZ)		2560191		1.265	10.00	9.058787	90.59	0.905879	BC	0.00137
PCB 25 (BZ)	23:07	1415646	285259	1.362	5.000	4.652851	93.06	0.465285	B	0.00128
PCB 31 (BZ)	23:28	1275251	273739	1.285	5.000	4.439577	88.79	0.443958	B	0.00135
PCB 28 (BZ)		2450190		1.238	10.00	8.854529	88.55	0.885453	BC20	0.00140
PCB 20 (BZ)	23:51	2450190	273443	1.238	10.00	8.854529	88.55	0.885453	BC	0.00140
PCB 21 (BZ)	23:57	2820221	302496	1.276	10.00	9.893770	98.94	0.989377	BC	0.00136
PCB 33 (BZ)		2820221		1.276	10.00	9.893770	98.94	0.989377	BC21	0.00136
PCB 22 (BZ)	24:28	1184297	242741	1.218	5.000	4.350574	87.01	0.435057	B	0.00143
PCB 36 (BZ)	25:55	1367638	261135	1.286	5.000	4.759945	95.20	0.475995		0.00135

BKW 9/28/07 DC 10/1/07

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 39 (BZ)	26:19	1365721	259714	1.330	5.000	4.595027	91.90	0.459503		0.00131
PCB 38 (BZ)	26:53	1267087	238468	1.246	5.000	4.550681	91.01	0.455068		0.00140
PCB 35 (BZ)	27:26	1282558	217197	1.195	5.000	4.801551	96.03	0.480155		0.00145
PCB 37 (BZ)	27:53	1213143	202722	1.224	5.000	4.433994	88.68	0.443399		0.00142
Total Tetrachlorobiphenyl		40693956	5929121			192.085512		19.208551	B	0.0561
13C12-PCB 54	21:06	1177939	282887	0.598	10.00	8.408552	84.09	0.840855		0.000952
13C12-PCB 52	25:33	1741782	382186	1.000	10.00	10.000000	100.00	1.000000		0.000798
13C12-PCB 79				1.089	5.000			ND		0.000852
13C12-PCB 81	34:33	1887088	326753	1.286	10.00	8.422038	84.22	0.842204		0.000620
13C12-PCB 77	35:09	1912204	330781	1.297	10.00	8.463277	84.63	0.846328		0.000615
PCB 54 (BZ)	21:07	686005	160496	1.211	5.000	4.808775	96.18	0.480877		0.00184
PCB 50 (BZ)	23:10	1587877	189536	0.927	10.00	9.018830	90.19	0.901883	C	0.00207
PCB 53 (BZ)		1587877		0.927	10.00	9.018830	90.19	0.901883	C50	0.00207
PCB 45 (BZ)	23:56	1538075	319517	0.857	10.00	9.445429	94.45	0.944543	BC	0.00224
PCB 51 (BZ)		1538075		0.857	10.00	9.445429	94.45	0.944543	BC45	0.00224
PCB 46 (BZ)	24:17	622692	127306	0.706	5.000	4.640803	92.82	0.464080		0.00271
PCB 52 (BZ)	25:35	762273	168594	0.926	5.000	4.333682	86.67	0.433368	B	0.00207
PCB 73 (BZ)	25:42	1721906	232881	0.957	10.00	9.468123	94.68	0.946812	C43	0.00200
PCB 43 (BZ)		1721906		0.957	10.00	9.468123	94.68	0.946812	C	0.00200
PCB 69 (BZ)	25:56	993718	219036	1.180	5.000	4.431360	88.63	0.443136		0.00162
PCB 49 (BZ)	26:03	871228	183826	1.005	5.000	4.561934	91.24	0.456193	B	0.00191
PCB 48 (BZ)	26:20	760142	164952	0.886	5.000	4.516551	90.33	0.451655		0.00216
PCB 65 (BZ)	26:33	2613131	367961	1.024	15.00	13.436940	89.58	1.343694	BC44	0.00187
PCB 47 (BZ)		2613131		1.024	15.00	13.436940	89.58	1.343694	BC44	0.00187
PCB 44 (BZ)		2613131		1.024	15.00	13.436940	89.58	1.343694	BC	0.00187
PCB 62 (BZ)	26:50	3325109	371772	1.297	15.00	13.500536	90.00	1.350054	BC59	0.00148
PCB 75 (BZ)		3325109		1.297	15.00	13.500536	90.00	1.350054	BC59	0.00148
PCB 59 (BZ)		3325109		1.297	15.00	13.500536	90.00	1.350054	BC	0.00148
PCB 42 (BZ)	27:09	767574	156855	0.860	5.000	4.700658	94.01	0.470066		0.00223
PCB 41 (BZ)	27:32	580956	127139	0.723	5.000	4.227802	84.56	0.422780		0.00265
PCB 71 (BZ)	27:40	1708706	240156	0.953	10.00	9.435978	94.36	0.943598	C40	0.00201
PCB 40 (BZ)		1708706		0.953	10.00	9.435978	94.36	0.943598	C	0.00201
PCB 64 (BZ)	27:51	1169908	242419	1.313	5.000	4.690451	93.81	0.469045		0.00146
PCB 72 (BZ)	28:35	1087405	219517	1.257	5.000	4.553536	91.07	0.455354		0.00152
PCB 68 (BZ)	28:52	1106181	237554	1.327	5.000	4.387683	87.75	0.438768		0.00144
PCB 57 (BZ)	29:18	1059916	210186	1.194	5.000	4.672894	93.46	0.467289		0.00160
PCB 58 (BZ)	29:36	1051233	216420	1.260	5.000	4.393139	87.86	0.439314		0.00152
PCB 67 (BZ)	29:43	1206821	230146	1.286	5.000	4.938537	98.77	0.493854		0.00149
PCB 63 (BZ)	29:59	1105242	220996	1.339	5.000	4.346180	86.92	0.434618		0.00143
PCB 61 (BZ)	30:13	966208	216369	1.190	5.000	4.273660	85.47	0.427366		0.00161
PCB 70 (BZ)	30:23	3424062	667757	1.317	15.00	13.685403	91.24	1.368540	BC	0.00145
PCB 76 (BZ)		3424062		1.317	15.00	13.685403	91.24	1.368540	BC70	0.00145
PCB 74 (BZ)		3424062		1.317	15.00	13.685403	91.24	1.368540	BC70	0.00145
PCB 66 (BZ)	30:42	1064236	217462	1.289	5.000	4.345391	86.91	0.434539	B	0.00149
PCB 55 (BZ)	30:55	1008284	204168	1.161	5.000	4.573582	91.47	0.457358		0.00165
PCB 56 (BZ)	31:27	1042838	203920	1.231	5.000	4.460000	89.20	0.446000		0.00156
PCB 60 (BZ)	31:39	1093819	200841	1.191	5.000	4.834757	96.70	0.483476		0.00161
PCB 80 (BZ)	31:53	1320095	237996	1.416	5.000	4.907391	98.15	0.490739		0.00135
PCB 79 (BZ)	33:31	1204534	217591	1.371	5.000	4.625883	92.52	0.462588		0.00140

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7cltc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 78 (BZ)	34:06	1067619	184495	1.181	5.000	4.757684	95.15	0.475768		0.00162
PCB 81 (BZ)	34:34	1110820	193874	1.317	5.000	4.468001	89.36	0.446800		0.00146
PCB 77 (BZ)	35:11	1065343	179689	1.200	5.000	4.643942	92.88	0.464394		0.00159
Total Pentachlorobiphenyl		39871067	4810083			220.502695		22.050270	B	0.0751
13C12-PCB 104	26:28	1779950	390993	1.260	10.00	8.596512	85.97	0.859651		0.000867
13C12-PCB 95				0.741	5.000			ND		0.00127
13C12-PCB 101	32:20	1643615	336471	1.000	10.00	10.000000	100.00	1.000000		0.00109
13C12-PCB 111	34:57	1978896	389319	1.229	10.00	9.796433	97.96	0.979643		0.000889
13C12-PCB 123	37:00	2114791	401417	0.955	10.00	9.202374	92.02	0.920237		0.000841
13C12-PCB 118	37:20	2269672	418414	0.988	10.00	9.541449	95.41	0.954145		0.000812
13C12-PCB 114	37:53	2116297	390308	0.971	10.00	9.054869	90.55	0.905487		0.000827
13C12-PCB 105	38:36	2037324	371149	0.941	10.00	8.990922	89.91	0.899092		0.000853
13C12-PCB 127	39:56	2407602	457848	1.000	10.00	10.000000	100.00	1.000000		0.000803
13C12-PCB 126	41:40	2056473	356229	0.978	10.00	8.735276	87.35	0.873528		0.000821
PCB 104 (BZ)	26:29	940901	202367	1.149	5.000	4.598674	91.97	0.459867		0.00190
PCB 96 (BZ)	27:01	825315	177227	1.014	5.000	4.574855	91.50	0.457485		0.00215
PCB 103 (BZ)	28:44	717189	153926	0.866	5.000	4.650728	93.01	0.465073		0.00252
PCB 94 (BZ)	29:03	617307	129997	0.703	5.000	4.934720	98.69	0.493472		0.00310
PCB 95 (BZ)	29:34	1451772	269740	0.859	10.00	9.498121	94.98	0.949812	BC	0.00254
PCB 100 (BZ)		1451772		0.859	10.00	9.498121	94.98	0.949812	BC95	0.00254
PCB 93 (BZ)	29:44	603475	130662	0.701	5.000	4.833568	96.67	0.483357		0.00311
PCB 102 (BZ)	29:51	1453976	188255	0.822	10.00	9.934488	99.34	0.993449	C98	0.00265
PCB 98 (BZ)		1453976		0.822	10.00	9.934488	99.34	0.993449	C	0.00265
PCB 88 (BZ)	30:14	598426	126155	0.723	5.000	4.650618	93.01	0.465062		0.00302
PCB 91 (BZ)	30:23	721348	149563	0.864	5.000	4.691758	93.84	0.469176		0.00252
PCB 84 (BZ)	30:42	536196	120135	0.679	5.000	4.434184	88.68	0.443418		0.00321
PCB 89 (BZ)	31:09	590909	118108	0.717	5.000	4.628401	92.57	0.462840		0.00304
PCB 121 (BZ)	31:18	987591	207212	1.105	5.000	5.020988	100.42	0.502099		0.00197
PCB 92 (BZ)	31:47	676380	134297	0.772	5.000	4.920043	98.40	0.492004		0.00282
PCB 113 (BZ)	32:20	2509328	450665	0.990	15.00	14.245427	94.97	1.424543	BC90	0.00220
PCB 90 (BZ)		2509328		0.990	15.00	14.245427	94.97	1.424543	BC	0.00220
PCB 101 (BZ)		2509328		0.990	15.00	14.245427	94.97	1.424543	BC90	0.00220
PCB 83 (BZ)	32:55	1365246	277530	0.777	10.00	9.875892	98.76	0.987589	C	0.00281
PCB 99 (BZ)		1365246		0.777	10.00	9.875892	98.76	0.987589	C83	0.00281
PCB 112 (BZ)	33:04	963376	186233	1.079	5.000	5.016302	100.33	0.501630		0.00202
PCB 109 (BZ)/108 (IUPAC)	33:25	5101636	386286	0.967	30.00	29.646394	98.82	2.964639	BC86	0.00226
PCB 86 (BZ)		5101636		0.967	30.00	29.646394	98.82	2.964639	BC	0.00226
PCB 119 (BZ)		5101636		0.967	30.00	29.646394	98.82	2.964639	BC86	0.00226
PCB 97 (BZ)		5101636		0.967	30.00	29.646394	98.82	2.964639	BC86	0.00226
PCB 125 (BZ)		5101636		0.967	30.00	29.646394	98.82	2.964639	BC86	0.00226
PCB 87 (BZ)		5101636		0.967	30.00	29.646394	98.82	2.964639	BC86	0.00226
PCB 117 (BZ)	34:06	2581813	222848	0.979	15.00	14.814094	98.76	1.481409	C85	0.00223
PCB 116 (BZ)		2581813		0.979	15.00	14.814094	98.76	1.481409	C85	0.00223
PCB 85 (BZ)		2581813		0.979	15.00	14.814094	98.76	1.481409	C	0.00223
PCB 110 (BZ)	34:26	2004424	350878	1.139	10.00	9.889161	98.89	0.988916	BC	0.00191
PCB 115 (BZ)		2004424		1.139	10.00	9.889161	98.89	0.988916	BC110	0.00191
PCB 82 (BZ)	34:49	518075	103997	0.605	5.000	4.813852	96.28	0.481385		0.00361
PCB 111 (BZ)	34:59	1023643	201686	1.129	5.000	5.095000	101.90	0.509500		0.00193
PCB 120 (BZ)	35:26	994898	193184	1.192	5.000	4.688539	93.77	0.468854		0.00183

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 124 (BZ)		2224750		1.123	10.00	9.345466	93.45	0.934547	C108	0.00196
PCB 108 (BZ)/107 (IUPAC)	36:41	2224750	417249	1.123	10.00	9.345466	93.45	0.934547	C	0.00196
PCB 107 (BZ)/109 (IUPAC)	36:54	1044903	212675	1.074	5.000	4.591053	91.82	0.459105		0.00205
PCB 123 (BZ)	37:02	1145574	219306	1.136	5.000	4.768379	95.37	0.476838		0.00187
PCB 106 (BZ)	37:09	1091519	204423	1.046	5.000	4.924512	98.49	0.492451		0.00210
PCB 118 (BZ)	37:21	1136352	213529	1.094	5.000	4.577714	91.55	0.457771	B	0.00186
PCB 122 (BZ)	37:46	1018782	200860	1.047	5.000	4.590230	91.80	0.459023		0.00210
PCB 114 (BZ)	37:54	1231990	230312	1.196	5.000	4.866989	97.34	0.486699		0.00183
PCB 105 (BZ)	38:38	1111088	202851	1.218	5.000	4.477091	89.54	0.447709		0.00189
PCB 127 (BZ)	39:59	1043192	193147	1.130	5.000	4.354941	87.10	0.435494		0.00195
PCB 126 (BZ)	41:41	1039693	177613	1.111	5.000	4.550514	91.01	0.455051		0.00215
Total Hexachlorobiphenyl		36286604	5482615			197.119056		19.711906	B	0.0906
13C12-PCB 155	31:58	1930483	404047	1.178	10.00	9.971328	99.71	0.997133		0.000864
13C12-PCB 153				0.833	5.000			ND		0.00144
13C12-PCB 138	40:25	1847599	368100	1.000	10.00	10.000000	100.00	1.000000		0.000930
13C12-PCB 167	43:21	2141490	404674	1.237	10.00	9.372709	93.73	0.937271		0.000752
13C12-PCB 156	44:38	4232105	436540	1.229	20.00	18.640780	93.20	1.864078		0.000757
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:48	1671221	297132	1.188	10.00	7.616659	76.17	0.761666		0.000783
PCB 155 (BZ)	31:59	974674	203438	1.117	5.000	4.519760	90.40	0.451976		0.00174
PCB 152 (BZ)	32:24	944124	190827	1.023	5.000	4.779273	95.59	0.477927		0.00190
PCB 150 (BZ)	32:30	891725	201951	1.032	5.000	4.474640	89.49	0.447464		0.00189
PCB 136 (BZ)	33:00	855198	181827	0.967	5.000	4.583256	91.67	0.458326		0.00202
PCB 145 (BZ)	33:12	918440	184571	1.021	5.000	4.661898	93.24	0.466190		0.00191
PCB 148 (BZ)	34:33	666340	140044	0.749	5.000	4.608460	92.17	0.460846		0.00260
PCB 151 (BZ)		2165821		0.781	15.00	14.374108	95.83	1.437411	C135	0.00250
PCB 135 (BZ)	35:22	2165821	256549	0.781	15.00	14.374108	95.83	1.437411	C	0.00250
PCB 154 (BZ)		2165821		0.781	15.00	14.374108	95.83	1.437411	C135	0.00250
PCB 144 (BZ)	35:49	716311	147513	0.759	5.000	4.890926	97.82	0.489093		0.00257
PCB 147 (BZ)	36:11	1628524	272423	0.862	10.00	9.396109	93.96	0.939611	BC	0.00321
PCB 149 (BZ)		1628524		0.862	10.00	9.396109	93.96	0.939611	BC147	0.00321
PCB 134 (BZ)		1351585		0.711	10.00	9.446022	94.46	0.944602	C	0.00389
PCB 143 (BZ)	36:32	1351585	153748	0.711	10.00	9.446022	94.46	0.944602	C134	0.00389
PCB 139 (BZ)	36:45	1629875	240367	0.856	10.00	9.470630	94.71	0.947063	C	0.00323
PCB 140 (BZ)		1629875		0.856	10.00	9.470630	94.71	0.947063	C139	0.00323
PCB 131 (BZ)	37:02	667670	138266	0.713	5.000	4.652809	93.06	0.465281		0.00388
PCB 142 (BZ)	37:10	656132	128433	0.735	5.000	4.438808	88.78	0.443881		0.00377
PCB 132 (BZ)	37:33	651052	129199	0.710	5.000	4.558081	91.16	0.455808		0.00390
PCB 133 (BZ)	37:53	705253	139264	0.768	5.000	4.563707	91.27	0.456371		0.00360
PCB 165 (BZ)	38:16	935090	186550	0.993	5.000	4.683044	93.66	0.468304		0.00279
PCB 146 (BZ)	38:30	813223	159105	0.874	5.000	4.628019	92.56	0.462802		0.00317
PCB 161 (BZ)	38:38	1047806	205912	1.090	5.000	4.781204	95.62	0.478120		0.00254
PCB 153 (BZ)	39:08	2022369	315325	1.068	10.00	9.411143	94.11	0.941114	BC	0.00259
PCB 168 (BZ)		2022369		1.068	10.00	9.411143	94.11	0.941114	BC153	0.00259
PCB 141 (BZ)	39:24	733350	136995	0.756	5.000	4.824619	96.49	0.482462		0.00366
PCB 130 (BZ)	39:49	688060	142853	0.708	5.000	4.829074	96.58	0.482907		0.00391
PCB 137 (BZ)	40:00	808792	158095	0.835	5.000	4.815594	96.31	0.481559		0.00331
PCB 164 (BZ)	40:10	1003615	193318	1.033	5.000	4.829856	96.60	0.482986		0.00268
PCB 138 (BZ)	40:27	3588585	360496	0.922	20.00	19.351903	96.76	1.935190	BC129	0.00300

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 163 (BZ)		3588585		0.922	20.00	19.351903	96.76	1.935190	BC129	0.00300
PCB 129 (BZ)		3588585		0.922	20.00	19.351903	96.76	1.935190	BC	0.00300
PCB 160 (BZ)		3588585		0.922	20.00	19.351903	96.76	1.935190	BC129	0.00300
PCB 158 (BZ)	40:48	1132303	215068	1.191	5.000	4.726378	94.53	0.472638		0.00232
PCB 166 (BZ)	41:39	1027842	206612	1.102	5.000	4.636778	92.74	0.463678		0.00251
PCB 128 (BZ)	41:49	768555	145158	0.769	5.000	4.970271	99.41	0.497027		0.00360
PCB 159 (BZ)	42:35	1056593	199683	1.079	5.000	4.867911	97.36	0.486791		0.00256
PCB 162 (BZ)	42:54	1042494	199627	1.079	5.000	4.804479	96.09	0.480448		0.00256
PCB 167 (BZ)	43:23	1076893	212837	1.150	5.000	4.371904	87.44	0.437190		0.00169
PCB 156 (BZ)		2138093		1.151	10.00	8.781462	87.81	0.878146	C	0.00314
PCB 157 (BZ)	44:40	2138093	210513	1.151	10.00	8.781462	87.81	0.878146	C156	0.00314
PCB 169 (BZ)	47:49	980217	162732	1.337	5.000	4.386927	87.74	0.438693		0.00198
Total Heptachlorobiphenyl		19798806	3280148			108.015392		10.801539		0.0410
13C12-PCB 188	37:42	2096281	431269	1.238	10.00	9.444975	94.45	0.944497		0.000774
13C12-PCB 178	40:46	1380920	275930	0.863	10.00	8.925475	89.25	0.892548		0.00111
13C12-PCB 180	45:51	1792586	354872	1.000	10.00	10.000000	100.00	1.000000		0.000958
13C12-PCB 170	47:11	1407457	258502	0.813	10.00	9.651856	96.52	0.965186		0.00118
13C12-PCB 189	50:14	2048883	379587	1.620	10.00	8.879895	88.80	0.887990		0.000769
PCB 188 (BZ)	37:43	997773	197748	1.071	5.000	4.445724	88.91	0.444572		0.00142
PCB 179 (BZ)	38:13	951999	197903	1.200	5.000	4.529096	90.58	0.452910		0.00159
PCB 184 (BZ)	38:34	904500	179727	1.178	5.000	4.381809	87.64	0.438181		0.00162
PCB 176 (BZ)	39:04	998173	207126	1.252	5.000	4.551101	91.02	0.455110		0.00152
PCB 186 (BZ)	39:32	934730	178933	1.214	5.000	4.393887	87.88	0.439389		0.00157
PCB 178 (BZ)	40:48	686986	140115	0.889	5.000	4.409397	88.19	0.440940		0.00214
PCB 175 (BZ)	41:24	742968	151771	0.920	5.000	4.609257	92.19	0.460926		0.00207
PCB 187 (BZ)	41:41	781220	153635	1.009	5.000	4.420349	88.41	0.442035		0.00189
PCB 182 (BZ)	41:52	816433	159669	0.972	5.000	4.795076	95.90	0.479508		0.00196
PCB 183 (BZ)	42:16	777116	151740	0.946	5.000	4.688331	93.77	0.468833		0.00201
PCB 185 (BZ)	42:28	720466	141962	0.919	5.000	4.475485	89.51	0.447549		0.00207
PCB 174 (BZ)	42:38	723240	143459	0.924	5.000	4.467739	89.35	0.446774		0.00206
PCB 177 (BZ)	43:04	675670	130738	0.880	5.000	4.385257	87.71	0.438526		0.00217
PCB 181 (BZ)	43:24	749802	150460	0.975	5.000	4.390920	87.82	0.439092		0.00196
PCB 171 (BZ)		1323439		0.835	10.00	9.046860	90.47	0.904686	C	0.00228
PCB 173 (BZ)	43:41	1323439	253563	0.835	10.00	9.046860	90.47	0.904686	C171	0.00228
PCB 172 (BZ)	45:14	633550	128598	0.838	5.000	4.314494	86.29	0.431449		0.00227
PCB 192 (BZ)	45:29	898635	177376	1.147	5.000	4.471049	89.42	0.447105		0.00166
PCB 193 (BZ)	45:51	1795503	278088	1.134	10.00	9.037871	90.38	0.903787	C180	0.00168
PCB 180 (BZ)		1795503		1.134	10.00	9.037871	90.38	0.903787	C	0.00168
PCB 191 (BZ)	46:13	991827	196527	1.228	5.000	4.611291	92.23	0.461129		0.00155
PCB 170 (BZ)	47:12	659147	121839	1.058	5.000	4.428169	88.56	0.442817		0.00240
PCB 190 (BZ)	47:42	1018009	183132	1.254	5.000	4.635625	92.71	0.463562		0.00152
PCB 189 (BZ)	50:15	1017620	187690	1.097	5.000	4.526607	90.53	0.452661		0.00158
Total Octachlorobiphenyl		9365285	1747222			54.487456		5.448746		0.0152
13C12-PCB 202	43:04	1903820	373066	0.994	10.00	10.686948	106.87	1.068695		0.000851
13C12-PCB 194	52:16	1423875	272708	1.000	10.00	10.000000	100.00	1.000000		0.00110
13C12-PCB 205	52:44	1902857	357247	1.407	10.00	9.499860	95.00	0.949986		0.000782
PCB 202 (BZ)	43:05	834778	171527	0.993	5.000	4.416935	88.34	0.441694		0.00123
PCB 200 (BZ)/201 (IUPAC)	43:59	950694	186759	1.087	5.000	4.594028	91.88	0.459403		0.00112
PCB 204 (BZ)	44:36	876591	179265	1.033	5.000	4.456032	89.12	0.445603		0.00118

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/11/07
Analysis Time	08:45	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	PMP				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 197 (BZ)	44:50	926406	192901	1.061	5.000	4.584728	91.69	0.458473		0.00115
PCB 199 (BZ)/200 (IUPAC)	45:04	897207	176112	1.031	5.000	4.571461	91.43	0.457146		0.00118
PCB 198 (BZ)	47:45	1283552	146210	0.761	10.00	8.861619	88.62	0.886162	C	0.00160
PCB 201 (BZ)/199 (IUPAC)		1283552		0.761	10.00	8.861619	88.62	0.886162	C198	0.00160
PCB 196 (BZ)	48:25	650318	125813	0.752	5.000	4.541713	90.83	0.454171		0.00162
PCB 203 (BZ)	48:37	717970	146860	0.856	5.000	4.405667	88.11	0.440567		0.00142
PCB 195 (BZ)	50:01	663790	127540	0.723	5.000	4.827998	96.56	0.482800		0.00176
PCB 194 (BZ)	52:18	689845	130815	0.795	5.000	4.560806	91.22	0.456081		0.00160
PCB 205 (BZ)	52:45	874134	163420	0.984	5.000	4.666469	93.33	0.466647		0.00129
Total Nonachlorobiphenyl		2363548	459902			13.476960		1.347696		0.00248
13C12-PCB 208	49:38	1843852	362961	1.161	10.00	11.153068	111.53	1.115307		0.000821
13C12-PCB 206	54:25	1268483	252937	0.823	10.00	10.829043	108.29	1.082904		0.00116
PCB 208 (BZ)	49:40	861190	165757	1.026	5.000	4.550949	91.02	0.455095		0.000752
PCB 207 (BZ)	50:34	888678	175280	1.264	5.000	4.517833	90.36	0.451783		0.000719
PCB 206 (BZ)	54:26	613680	118865	1.097	5.000	4.408178	88.16	0.440818		0.00101
13C12-PCB 209	55:58	1623671	293712	0.930	10.00	12.260183	122.60	1.226018		0.00127
PCB 209 (BZ)	55:59	761445	141477	1.006	5.000	4.663015	93.26	0.466302		0.000999

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
188					188.0393	190.0363	188.0393	190.0363	2.66-3.60		
	Noise	00:00	00:00	0	273	140	109	56	1.95 *	/	
	PCB 1 (BZ)	12:12	12:17	-5	917637	272650	294651	90384	3.37	ABV/ABV	M
	PCB 2 (BZ)	14:16	14:19	-3	823168	251197	229616	70062	3.28	ABV/ABV	
	PCB 3 (BZ)	14:28	14:29	-1	877070	269368	234070	70755	3.26	AVB/AVB	
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	260	443	104	177	0.59 *	/	
	13C12-PCB 1	12:12	12:16	-4	1670428	525413	576119	180755	3.18	ABV/AVV	
	13C12-PCB 3	14:27	14:28	-1	1641149	498826	408899	121650	3.29	ABV/ABV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	333	665	133	266	0.50 *	/	
	PCB 4 (BZ)	14:45	14:46	-1	400281	268304	118775	80077	1.49	ABV/AVV	
	PCB 10 (BZ)	14:54	14:57	-3	647198	395398	193291	117716	1.64	AVV/AVV	
	PCB 9 (BZ)	16:42	16:44	-2	669631	422889	181064	111044	1.58	ABV/ABV	
	PCB 7 (BZ)	16:51	16:53	-2	693755	449468	177868	114941	1.54	AVV/AVV	
	PCB 6 (BZ)	17:09	17:10	-1	683885	439725	175078	107245	1.56	AVB/AVB	
	PCB 5 (BZ)	17:28	17:29	-1	600123	378605	155254	102038	1.59	ABV/ABV	
	PCB 8 (BZ)	17:36	17:37	-1	699686	419980	180792	106958	1.67	AVB/AVB	
	PCB 14 (BZ)	19:11	19:11	0	848909	535426	189696	115113	1.59	ABV/AVV	
	PCB 11 (BZ)	20:06	20:06	0	710379	436791	142991	87201	1.63	ABV/ABV	
	PCB 12 (BZ)	20:26	20:25	1	1388862	861827	245527	150299	1.61	AVV/AVV	
	PCB 15 (BZ)	20:46	20:43	3	673221	437164	134769	88002	1.54	AVV/AVB	
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	250	203	100	81	1.23 *	/	
	13C12-PCB 4	14:43	14:45	-2	775727	482581	219701	134490	1.61	ABV/ABV	
	13C12-PCB 9	16:41	16:42	-1	1719348	1065854	451864	276075	1.61	ABV/ABV	
	13C12-PCB 15	20:45	20:43	2	1360055	834692	257959	161724	1.63	ABV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	363	298	145	119	1.22 *	/	
	PCB 19 (BZ)	17:57	17:57	0	307368	283749	79303	73359	1.08	ABV/ABV	
	PCB 30 (BZ)	19:38	19:40	-2	492264	463012	125097	118596	1.06	ABV/ABV	D
	PCB 18 (BZ)	19:48	19:47	1	333972	321639	78745	75560	1.04	AVB/AVB	
	PCB 17 (BZ)	20:11	20:12	-1	350290	324073	81268	74442	1.08	ABB/ABB	
	PCB 27 (BZ)	20:27	20:27	0	480310	449864	123005	111455	1.07	ABV/ABV	
	PCB 24 (BZ)	20:33	20:33	0	486431	453129	117349	111879	1.07	AVV/AVV	
	PCB 16 (BZ)	20:44	20:43	1	280167	265604	63321	62607	1.05	AVB/AVB	
	PCB 32 (BZ)	21:12	21:13	-1	523873	491117	116916	115157	1.07	ABB/ABV	
	PCB 34 (BZ)	22:24	22:25	-1	615397	593801	144290	141802	1.04	ABV/ABV	D
	PCB 23 (BZ)	22:32	22:32	0	636099	617594	143360	136926	1.03	AVB/AVB	
	PCB 29 (BZ)	22:53	22:52	1	1305990	1254201	250546	241287	1.04	ABV/ABV	
	PCB 25 (BZ)	23:07	23:06	1	717688	697958	147453	137806	1.03	AVV/AVV	
	PCB 31 (BZ)	23:28	23:27	1	648952	626299	142144	131595	1.04	AVV/AVV	
	PCB 20 (BZ)	23:51	23:48	3	1256644	1193546	139426	134017	1.05	MVV/MVV	
	PCB 21 (BZ)	23:57	23:55	2	1439973	1380248	155424	147072	1.04	MVV/MVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	PCB 22 (BZ)	24:28	24:25	3	599730	584567	122861	119880	1.03	ABB/AVB	
	PCB 36 (BZ)	25:55	25:55	0	703409	664229	131858	129277	1.06	AVV/AVV	D
	PCB 39 (BZ)	26:19	26:16	3	703295	662426	132119	127595	1.06	AVV/AVV	
	PCB 38 (BZ)	26:53	26:52	1	642781	624306	117924	120544	1.03	AVV/AVV	D
	PCB 35 (BZ)	27:26	27:23	3	649761	632797	110874	106323	1.03	ABV/AVV	
	PCB 37 (BZ)	27:53	27:48	5	623429	589714	105075	97647	1.06	AVV/AVV	M
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	498	450	199	180	1.11	/	
	13C12-PCB 19	17:56	17:55	1	528082	478970	137271	123755	1.10	AVV/AVV	
	13C12-PCB 32	21:11	21:11	0	1206355	1137927	282511	253455	1.06	AVV/AVV	
	13C12-PCB 31	23:26	23:25	1	1579705	1482790	325785	308140	1.07	ABV/ABV	
	13C12-PCB 28	23:43	23:42	1	1337277	1253696	269318	252438	1.07	AVV/AVV	
	13C12-PCB 37	27:51	27:46	5	1168583	1066036	199770	179880	1.10	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	333	298	133	119	1.12 *	/	
	PCB 54 (BZ)	21:07	21:05	2	305344	380661	72458	88038	0.80	ABV/ABV	
	PCB 50 (BZ)	23:10	23:11	-1	693111	894766	81931	107605	0.77	ABV/ABV	
	PCB 45 (BZ)	23:56	23:54	2	672581	865494	138306	181211	0.78	AVV/AVV	
	PCB 46 (BZ)	24:17	24:15	2	262678	360014	54881	72425	0.73	AVV/AVV	
	PCB 52 (BZ)	25:35	25:34	1	328942	433331	71110	97484	0.76	MVV/MVV	D
	PCB 73 (BZ)	25:42	25:41	1	765830	956076	103498	129383	0.80	MBV/MVV	D
	PCB 69 (BZ)	25:56	25:56	0	435005	558713	94457	124579	0.78	AVV/AVV	D
	PCB 49 (BZ)	26:03	26:03	0	381249	489979	80654	103172	0.78	AVB/AVB	D
	PCB 48 (BZ)	26:20	26:19	1	336375	423767	75155	89797	0.79	ABV/ABV	D
	PCB 65 (BZ)	26:33	26:32	1	1139973	1473158	160132	207829	0.77	AVV/AVV	
	PCB 62 (BZ)	26:50	26:48	2	1460717	1864392	165225	206547	0.78	AVV/AVV	
	PCB 42 (BZ)	27:09	27:07	2	335448	432126	68026	88829	0.78	AVB/AVB	D
	PCB 41 (BZ)	27:32	27:32	0	257307	323649	57364	69775	0.80	ABV/ABV	
	PCB 71 (BZ)	27:40	27:37	3	750297	958409	109094	131062	0.78	AVV/AVV	
	PCB 64 (BZ)	27:51	27:49	2	516845	653063	107933	134486	0.79	AVB/AVB	D
	PCB 72 (BZ)	28:35	28:37	-2	481531	605874	98465	121052	0.79	ABV/ABV	
	PCB 68 (BZ)	28:52	28:52	0	482905	623276	104253	133301	0.77	AVB/AVB	
	PCB 57 (BZ)	29:18	29:18	0	462291	597625	93463	116723	0.77	ABB/ABV	
	PCB 58 (BZ)	29:36	29:34	2	457945	593288	92956	123464	0.77	ABV/AVV	
	PCB 67 (BZ)	29:43	29:41	2	525666	681155	100379	129767	0.77	AVV/AVV	
	PCB 63 (BZ)	29:59	29:59	0	484622	620620	102848	118148	0.78	AVB/AVB	
	PCB 61 (BZ)	30:13	30:12	1	428708	537500	94044	122325	0.80	ABV/ABV	
	PCB 70 (BZ)	30:23	30:20	3	1509149	1914913	299977	367780	0.79	AVB/AVB	
	PCB 66 (BZ)	30:42	30:40	2	466199	598037	96292	121170	0.78	ABV/ABV	
	PCB 55 (BZ)	30:55	30:52	3	441558	566726	90388	113780	0.78	AVB/AVB	
	PCB 56 (BZ)	31:27	31:23	4	466057	576781	89034	114886	0.81	ABV/ABV	M
	PCB 60 (BZ)	31:39	31:35	4	477910	615909	91780	109061	0.78	AVV/AVV	M
	PCB 80 (BZ)	31:53	31:51	2	583078	737017	104725	133271	0.79	AVB/AVB	
	PCB 79 (BZ)	33:31	33:28	3	524751	679783	95985	121606	0.77	ABV/ABV	

Notes:
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STL - Knoxville

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	PCB 78 (BZ)	34:06	34:03	3	454794	612825	82516	101979	0.74	AVV/AVV	
	PCB 81 (BZ)	34:34	34:30	4	499738	611082	85165	108709	0.82	AVV/AVV	
	PCB 77 (BZ)	35:11	35:05	6	475101	590242	78628	101061	0.80	ABV/ABV	M
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	165	140	66	56	1.18 *	/	
	13C12-PCB 54	21:06	21:04	2	527630	650309	126045	156842	0.81	ABV/ABV	
	13C12-PCB 52	25:33	25:33	0	763258	978524	166637	215549	0.78	ABV/ABV	
	13C12-PCB 81	34:33	34:28	5	831649	1055439	145590	181165	0.79	ABV/ABV	M
	13C12-PCB 77	35:09	35:04	5	830887	1081317	140247	190534	0.77	ABV/ABV	M
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	483	370	193	148	1.30 *	/	
	PCB 104 (BZ)	26:29	26:30	-1	581380	359521	124722	77645	1.62	ABV/ABV	
	PCB 96 (BZ)	27:01	26:59	2	507621	317694	109332	67895	1.60	AVV/AVV	
	PCB 103 (BZ)	28:44	28:47	-3	438857	278332	92823	61103	1.58	ABV/ABV	
	PCB 94 (BZ)	29:03	29:03	0	383558	233749	79748	50249	1.64	AVV/AVV	
	PCB 95 (BZ)	29:34	29:32	2	900943	550829	167799	101941	1.64	ABV/ABV	
	PCB 93 (BZ)	29:44	29:41	3	372279	231196	81619	49043	1.61	AVV/AVV	
	PCB 102 (BZ)	29:51	29:49	2	910036	543940	116246	72009	1.67	AVB/AVB	
	PCB 88 (BZ)	30:14	30:14	0	365204	233222	74969	51186	1.57	ABV/ABV	
	PCB 91 (BZ)	30:23	30:21	2	442706	278642	90729	58834	1.59	AVB/AVB	
	PCB 84 (BZ)	30:42	30:38	4	330846	205350	74281	45854	1.61	ABB/ABB	D
	PCB 89 (BZ)	31:09	31:06	3	365629	225280	73688	44420	1.62	ABV/ABV	
	PCB 121 (BZ)	31:18	31:20	-2	613410	374181	128449	78763	1.64	AVV/AVV	
	PCB 92 (BZ)	31:47	31:48	-1	417414	258966	82876	51421	1.61	ABB/ABB	
	PCB 113 (BZ)	32:20	32:20	0	1561173	948155	278047	172618	1.65	ABV/ABV	
	PCB 83 (BZ)	32:55	32:53	2	842798	522448	171348	106182	1.61	ABV/ABV	
	PCB 112 (BZ)	33:04	33:03	1	586384	376992	113736	72497	1.56	AVB/AVB	
	PCB 109 (BZ)/108 (IUPAC	33:25	33:23	2	3166851	1934785	241076	145210	1.64	ABB/ABB	
	PCB 117 (BZ)	34:06	34:04	2	1599900	981913	138247	84601	1.63	ABV/ABV	
	PCB 110 (BZ)	34:26	34:23	3	1242014	762410	216424	134454	1.61	AVB/AVB	
	PCB 82 (BZ)	34:49	34:45	4	322364	195711	64940	39057	1.65	ABV/ABV	M
	PCB 111 (BZ)	34:59	34:59	0	635588	388055	124922	76764	1.64	AVB/AVB	
	PCB 120 (BZ)	35:26	35:27	-1	607132	387766	117246	75938	1.57	AVB/AVB	
	PCB 108 (BZ)/107 (IUPAC	36:41	36:38	3	1377674	847076	256606	160643	1.63	AVV/AVV	
	PCB 107 (BZ)/109 (IUPAC	36:54	36:52	2	645509	399394	133582	79093	1.62	AVV/AVV	
	PCB 123 (BZ)	37:02	36:58	4	713578	431996	136214	83092	1.65	AVV/AVV	
	PCB 106 (BZ)	37:09	37:07	2	672831	418688	125577	78846	1.61	AVV/AVV	
	PCB 118 (BZ)	37:21	37:19	2	698394	437958	131207	82322	1.59	AVB/AVB	
	PCB 122 (BZ)	37:46	37:43	3	631430	387352	124159	76701	1.63	ABV/ABV	
	PCB 114 (BZ)	37:54	37:51	3	771301	460689	140029	90283	1.67	AVV/AVV	
	PCB 105 (BZ)	38:38	38:34	4	686442	424646	124355	78496	1.62	ABB/ABB	M
	PCB 127 (BZ)	39:59	39:57	2	643663	399529	120810	72337	1.61	AVV/AVV	
	PCB 126 (BZ)	41:41	41:35	6	632958	406735	109316	68297	1.56	ABV/ABV	M
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside conax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	188	180	75	72	1.04 *	/	
	13C12-PCB 104	26:28	26:28	0	1107909	672041	245838	145155	1.65	ABV/ABV	
	13C12-PCB 101	32:20	32:20	0	1007675	635940	207658	128813	1.58	ABV/ABV	
	13C12-PCB 111	34:57	34:57	0	1222468	756428	240342	148977	1.62	ABV/ABV	
	13C12-PCB 123	37:00	36:58	2	1299377	815414	245677	155740	1.59	ABV/ABV	
	13C12-PCB 118	37:20	37:17	3	1411340	858332	259612	158802	1.64	AVV/AVV	
	13C12-PCB 114	37:53	37:49	4	1311092	805205	243584	146724	1.63	AVV/AVV	
	13C12-PCB 105	38:36	38:32	4	1270410	766914	229455	141694	1.66	ABB/ABV	M
	13C12-PCB 127	39:56	39:55	1	1477316	930286	281671	176177	1.59	AVV/ABV	
	13C12-PCB 126	41:40	41:34	6	1262716	793757	217961	138268	1.59	ABV/ABV	M
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	410	378	164	151	1.09	/	
	PCB 155 (BZ)	31:59	32:02	-3	548542	426132	113075	90363	1.29	ABB/ABB	
	PCB 152 (BZ)	32:24	32:24	0	526364	417760	107613	83214	1.26	ABV/ABV	
	PCB 150 (BZ)	32:30	32:30	0	501864	389861	110546	91405	1.29	AVB/AVB	
	PCB 136 (BZ)	33:00	32:58	2	479888	375310	101851	79976	1.28	ABV/ABV	D
	PCB 145 (BZ)	33:12	33:11	1	505463	412977	103397	81174	1.22	AVB/AVB	D
	PCB 148 (BZ)	34:33	34:36	-3	369923	296417	78507	61537	1.25	ABV/ABV	
	PCB 135 (BZ)	35:22	35:20	2	1220128	945693	144723	111826	1.29	ABV/ABV	
	PCB 144 (BZ)	35:49	35:49	0	402815	313496	81822	65691	1.28	ABB/AVB	
	PCB 147 (BZ)	36:11	36:10	1	916923	711601	153468	118955	1.29	ABV/ABV	
	PCB 143 (BZ)	36:32	36:32	0	761897	589688	86198	67550	1.29	AVV/AVV	
	PCB 139 (BZ)	36:45	36:43	2	922229	707646	138664	101703	1.30	AVV/AVV	
	PCB 131 (BZ)	37:02	36:59	3	371442	296228	77776	60490	1.25	AVV/AVV	D
	PCB 142 (BZ)	37:10	37:09	1	360732	295400	70477	57956	1.22	AVB/AVB	D
	PCB 132 (BZ)	37:33	37:31	2	369469	281583	73097	56102	1.31	ABB/ABB	
	PCB 133 (BZ)	37:53	37:53	0	385909	319344	76631	62633	1.21	ABB/ABB	
	PCB 165 (BZ)	38:16	38:16	0	522311	412779	107588	78962	1.27	ABV/ABV	
	PCB 146 (BZ)	38:30	38:30	0	454049	359174	90503	68602	1.26	AVV/AVV	
	PCB 161 (BZ)	38:38	38:39	-1	579389	468417	112504	93408	1.24	AVB/AVB	
	PCB 153 (BZ)	39:08	39:08	0	1131102	891267	178402	136923	1.27	ABV/ABV	
	PCB 141 (BZ)	39:24	39:22	2	416806	316544	78275	58720	1.32	AVV/AVB	
	PCB 130 (BZ)	39:49	39:48	1	389131	298929	81642	61211	1.30	ABV/ABV	
	PCB 137 (BZ)	40:00	39:59	1	448915	359877	86672	71423	1.25	AVV/AVV	
	PCB 164 (BZ)	40:10	40:08	2	561205	442410	109307	84011	1.27	AVV/AVV	
	PCB 138 (BZ)	40:27	40:25	2	1991084	1597501	201130	159366	1.25	AVV/AVV	
	PCB 158 (BZ)	40:48	40:46	2	624458	507845	120111	94957	1.23	AVB/AVB	
	PCB 166 (BZ)	41:39	41:37	2	577414	450428	111702	94910	1.28	AVV/ABV	
	PCB 128 (BZ)	41:49	41:44	5	422166	346389	80514	64644	1.22	AVV/AVV	M
	PCB 159 (BZ)	42:35	42:36	-1	587753	468840	109434	90249	1.25	ABV/ABV	
	PCB 162 (BZ)	42:54	42:53	1	582785	459709	111795	87832	1.27	AVV/AVV	
	PCB 167 (BZ)	43:23	43:23	0	592105	484788	119594	93243	1.22	ABB/ABB	
	PCB 157 (BZ)	44:40	44:36	4	1205725	932368	119931	90582	1.29	ABB/ABB	
	PCB 169 (BZ)	47:49	47:46	3	554464	425753	92276	70456	1.30	ABV/AVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside cmax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	165	178	66	71	0.93 *	/	
	13C12-PCB 155	31:58	32:01	-3	1080438	850045	227913	176134	1.27	ABV/ABV	
	13C12-PCB 138	40:25	40:24	1	1031435	816164	204138	163962	1.26	ABV/ABV	
	Unidentified	40:48	00:00	0	25736	14828	3813	2321	1.74 *	AVV/AVV	R
	13C12-PCB 167	43:21	43:20	1	1199401	942089	225436	179238	1.27	AVV/AVV	
	13C12-PCB 156	44:38	44:29	9	2382552	1849553	246145	190395	1.29	AVV/AVV	M
	13C12-PCB 169	47:48	47:45	3	942882	728339	168839	128293	1.29	ABV/ABV	
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	335	323	134	129	1.04	/	
	PCB 188 (BZ)	37:43	37:44	-1	518528	479245	104029	93719	1.08	ABV/ABV	
	PCB 179 (BZ)	38:13	38:12	1	477956	474043	101651	96252	1.01	AVV/AVV	
	PCB 184 (BZ)	38:34	38:36	-2	468620	435880	93891	85836	1.08	AVV/AVV	
	PCB 176 (BZ)	39:04	39:04	0	513487	484686	108078	99048	1.06	AVV/AVV	
	PCB 186 (BZ)	39:32	39:31	1	476385	458345	89606	89327	1.04	ABV/AVV	
	PCB 178 (BZ)	40:48	40:49	-1	352390	334596	71568	68547	1.05	ABV/ABV	
	PCB 175 (BZ)	41:24	41:26	-2	374886	368082	76456	75315	1.02	ABV/ABV	
	PCB 187 (BZ)	41:41	41:42	-1	395151	386069	77738	75897	1.02	AVV/AVV	
	PCB 182 (BZ)	41:52	41:53	-1	417113	399320	84483	75186	1.04	AVB/AVV	
	PCB 183 (BZ)	42:16	42:18	-2	396926	380190	78689	73051	1.04	ABV/ABV	
	PCB 185 (BZ)	42:28	42:27	1	378804	341662	74255	67707	1.11	AVV/AVV	
	PCB 174 (BZ)	42:38	42:37	1	370935	352305	70894	72565	1.05	AVB/AVB	
	PCB 177 (BZ)	43:04	43:04	0	342146	333524	66551	64187	1.03	ABB/ABV	
	PCB 181 (BZ)	43:24	43:24	0	383837	365965	77767	72693	1.05	ABV/AVV	
	PCB 173 (BZ)	43:41	43:40	1	669646	653793	127698	125865	1.02	AVB/AVB	
	PCB 172 (BZ)	45:14	45:14	0	319421	314129	66186	62412	1.02	ABV/ABV	
	PCB 192 (BZ)	45:29	45:29	0	453006	445629	88546	88830	1.02	AVB/AVV	
	PCB 193 (BZ)	45:51	45:48	3	912426	883077	142968	135120	1.03	ABV/AVV	
	PCB 191 (BZ)	46:13	46:14	-1	507819	484008	100247	96280	1.05	AVV/AVB	
	PCB 170 (BZ)	47:12	47:12	0	333071	326076	61295	60544	1.02	ABV/ABV	
	PCB 190 (BZ)	47:42	47:41	1	524412	493597	95938	87194	1.06	ABV/ABB	
	PCB 189 (BZ)	50:15	50:14	1	523281	494339	94710	92980	1.06	AVV/AVV	
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	150	190	60	76	0.79 *	/	
	13C12-PCB 188	37:42	37:43	-1	1066790	1029491	221484	209785	1.04	ABV/ABV	
	13C12-PCB 178	40:46	40:47	-1	713967	666953	139331	136599	1.07	ABV/ABV	
	13C12-PCB 180	45:51	45:50	1	912071	880515	178556	176316	1.04	ABV/ABV	
	13C12-PCB 170	47:11	47:10	1	718898	688559	131905	126597	1.04	AVV/AVV	
	13C12-PCB 189	50:14	50:12	2	1058260	990623	196343	183244	1.07	ABV/ABV	
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	203	253	81	101	0.80	/	
	PCB 202 (BZ)	43:05	43:05	0	393951	440827	80976	90551	0.89	ABV/ABV	
	PCB 200 (BZ)/201 (IUPAC	43:59	44:01	-2	450245	500449	88949	97810	0.90	ABV/ABB	
	PCB 204 (BZ)	44:36	44:38	-2	417184	459407	81538	97727	0.91	ABV/ABV	
	PCB 197 (BZ)	44:50	44:52	-2	431959	494447	84619	108282	0.87	AVV/AVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J7C1T1AC	Prep Batch	7264161	Lot No	H7I210000-161
Data File	/20070927s2/apj7c1tc.d	Prep Date	09/21/07	SDG No	
Analysis ID	99519	Prep Exp Date	09/10/08	Date Received	09/21/07
Analysis Date	09/28/07 08:45	Matrix	BIOLOGIC	Date Sampled	09/11/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	PMP	Diluton Factor	1.00	Code	IE5

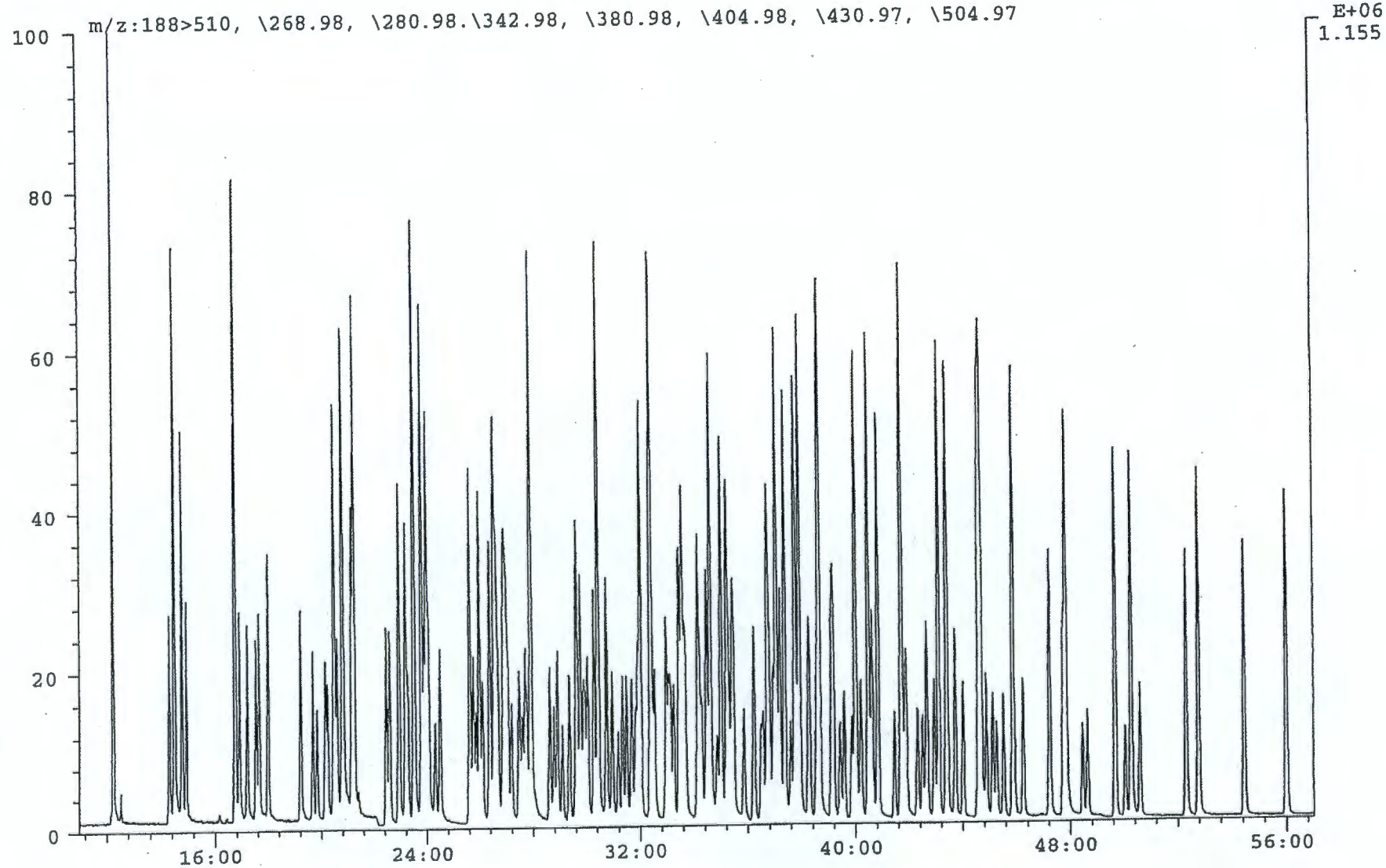
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration Flags
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02	
	PCB 199 (BZ)/200 (IUPAC	45:04	45:04	0	427151	470056	83516	92596	0.91	AVB/AVB
	PCB 198 (BZ)	47:45	47:45	0	604878	678674	68865	77345	0.89	ABV/ABV
	PCB 196 (BZ)	48:25	48:27	-2	302235	348083	58063	67750	0.87	ABV/ABV
	PCB 203 (BZ)	48:37	48:37	0	332874	385096	67484	79376	0.86	AVB/AVV
	PCB 195 (BZ)	50:01	49:58	3	308833	354957	58750	68790	0.87	ABV/ABV
	PCB 194 (BZ)	52:18	52:17	1	323650	366195	61704	69111	0.88	ABV/ABV
	PCB 205 (BZ)	52:45	52:45	0	412874	461260	76373	87047	0.90	AVV/ABV
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02	
	Noise	00:00	00:00	0	155	145	62	58	1.07 *	/
	13C12-PCB 202	43:04	43:04	0	907660	996160	176925	196141	0.91	ABV/AVV
	13C12-PCB 194	52:16	52:16	0	683098	740777	129479	143229	0.92	ABV/ABV
	13C12-PCB 205	52:44	52:43	1	900934	1001923	169555	187692	0.90	AVV/AVV
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89	
	Noise	00:00	00:00	0	128	153	51	61	0.84	/
	PCB 208 (BZ)	49:40	49:41	-1	366655	494535	72116	93641	0.74	ABV/ABV
	PCB 207 (BZ)	50:34	50:37	-3	391217	497461	77710	97570	0.79	ABV/ABV
	PCB 206 (BZ)	54:26	54:27	-1	263220	350460	51676	67189	0.75	ABV/ABV
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89	
	Noise	00:00	00:00	0	140	120	56	48	1.17 *	/
	13C12-PCB 208	49:38	49:40	-2	814998	1028854	160616	202345	0.79	ABV/ABV
	13C12-PCB 206	54:25	54:26	-1	555965	712518	112089	140848	0.78	ABV/ABV
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79	
	Noise	00:00	00:00	0	120	175	48	70	0.69	/
	PCB 209 (BZ)	55:59	56:01	-2	309080	452365	55521	85956	0.68	ABV/ABV
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79	
	Noise	00:00	00:00	0	148	175	59	70	0.84 *	/
	13C12-PCB 209	55:58	56:00	-2	659691	963980	120272	173440	0.68	ABV/ABV

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside conax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

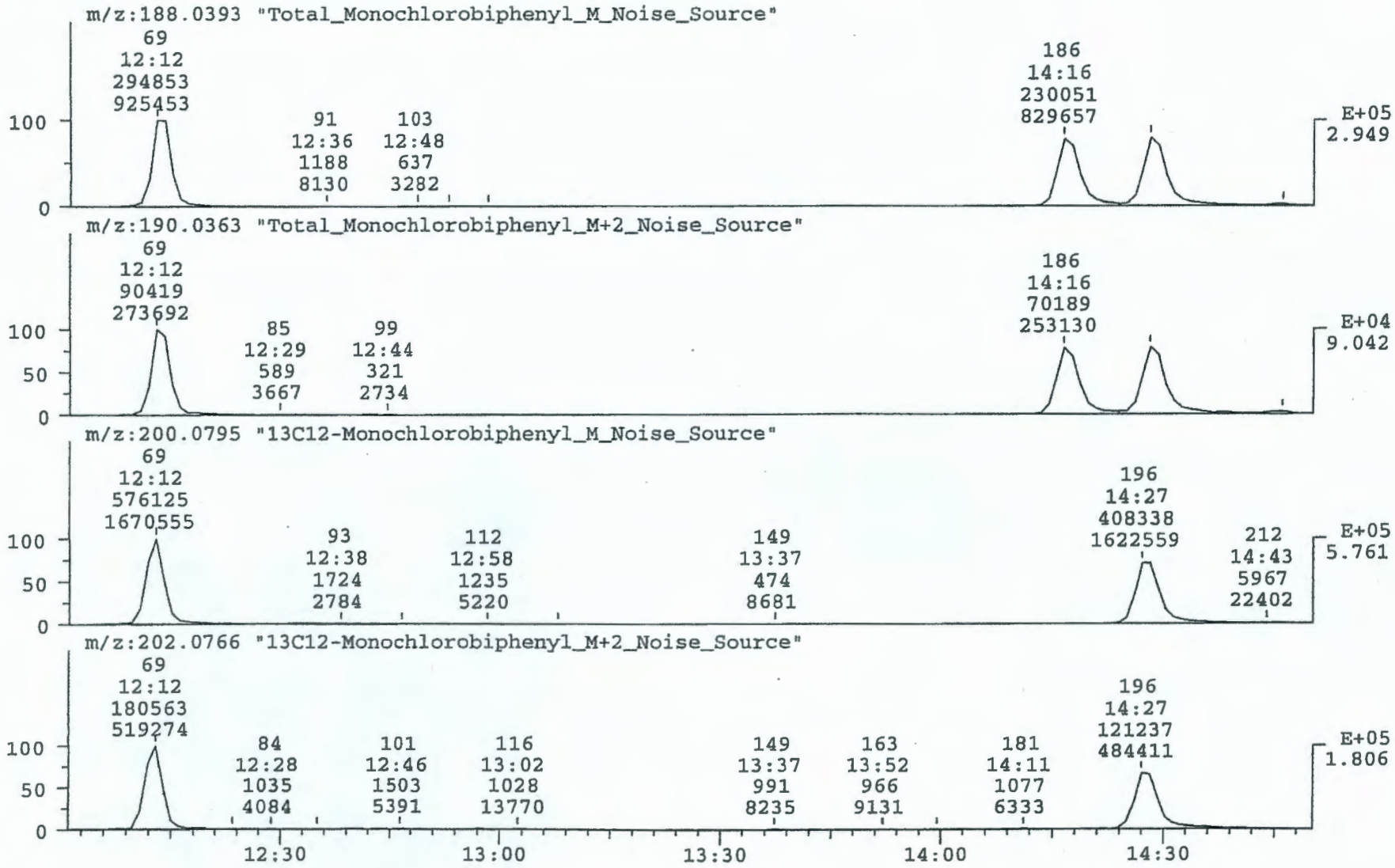
Int BKW 9/28/07
Calc BKW 9/28/07
[illegible] 10/1/07
Reviewed 10/1/07

CHRO: apj7c1tc 28-Sep-07 Elapse: 11:01.0 1
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 2 > 2600 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

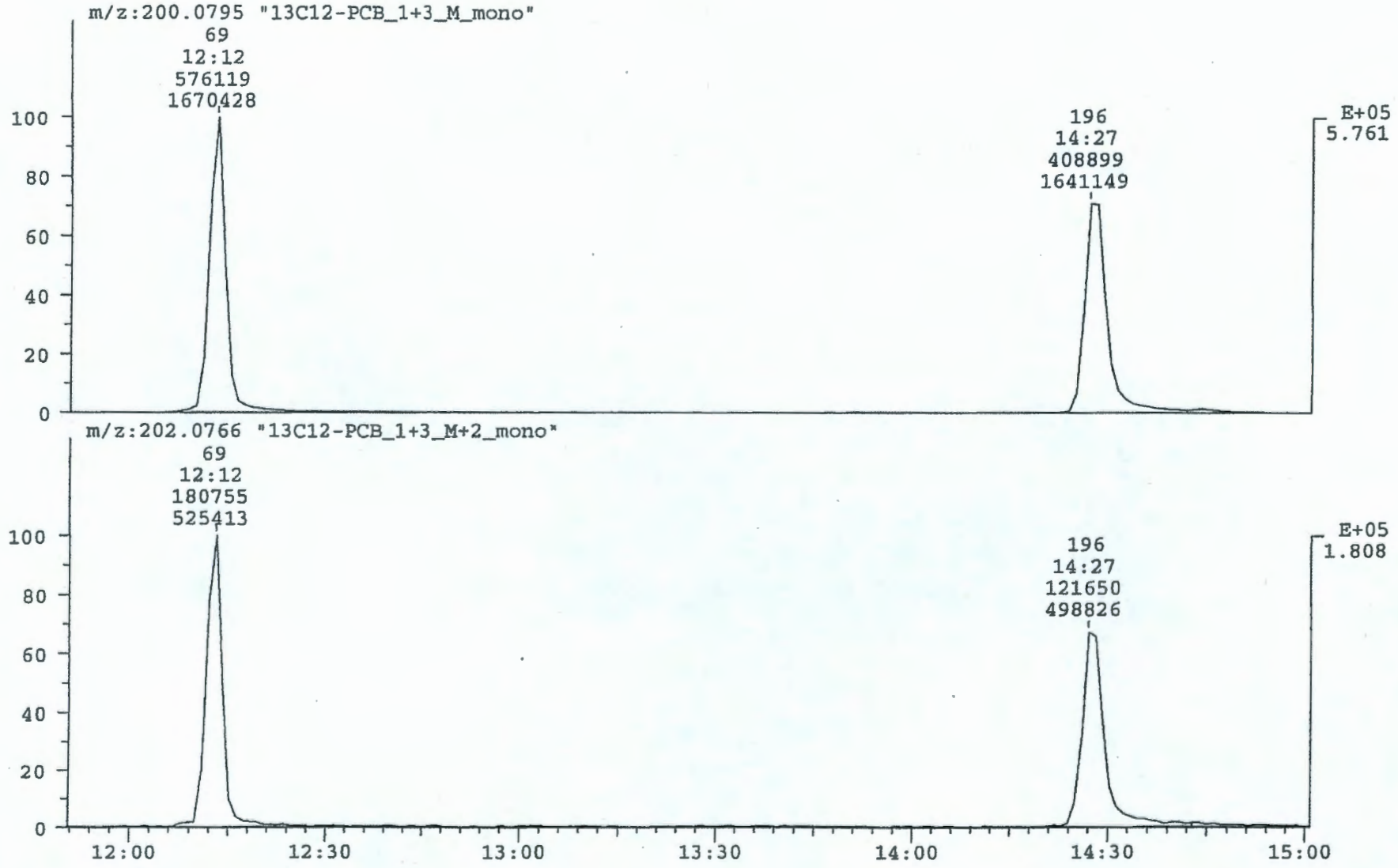


2572

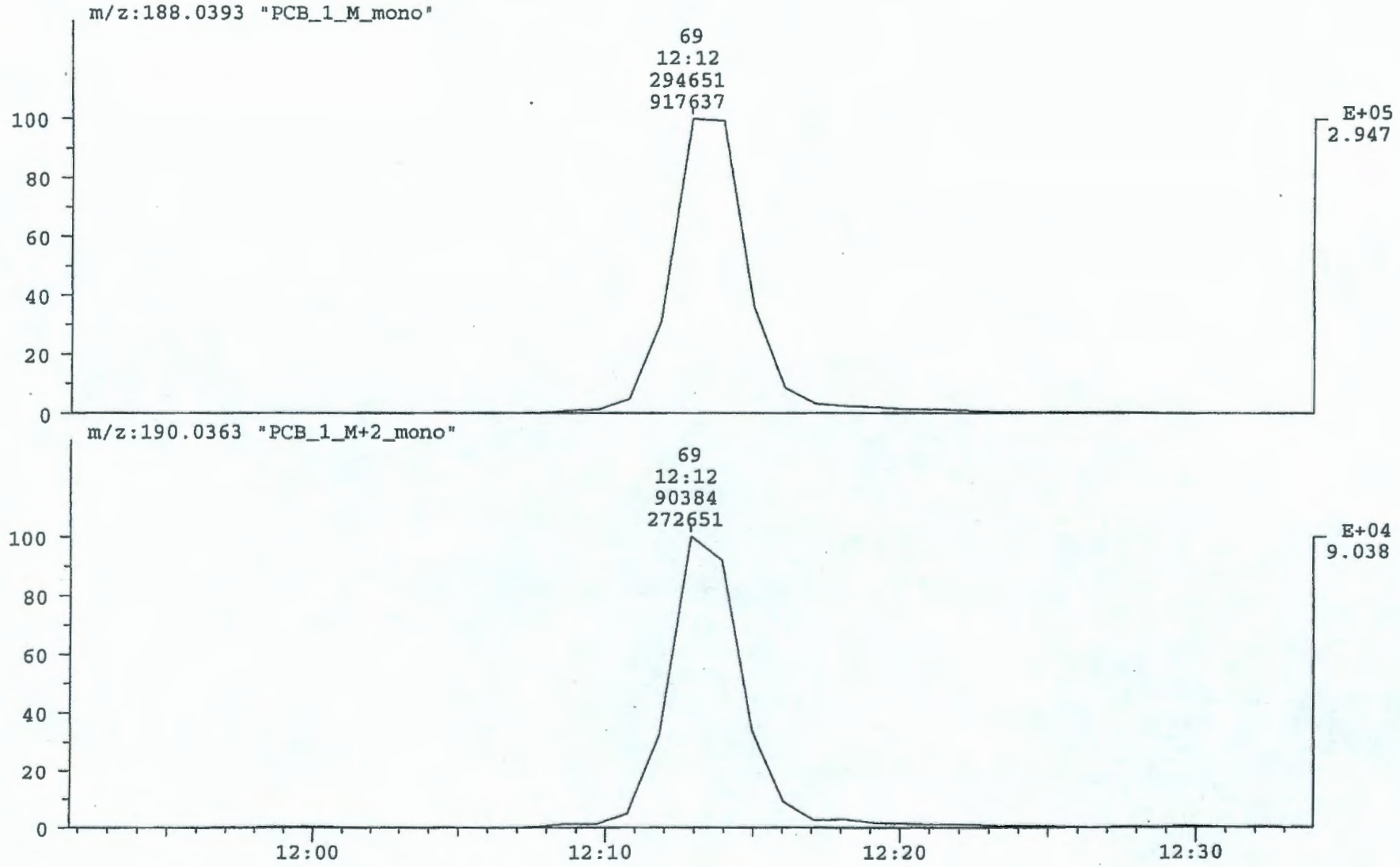
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  13:25.7     138
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial 32
Peak:  100.00  ppm      Label wndw:   58 > 218            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  13:25.7      138
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   48 > 228             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

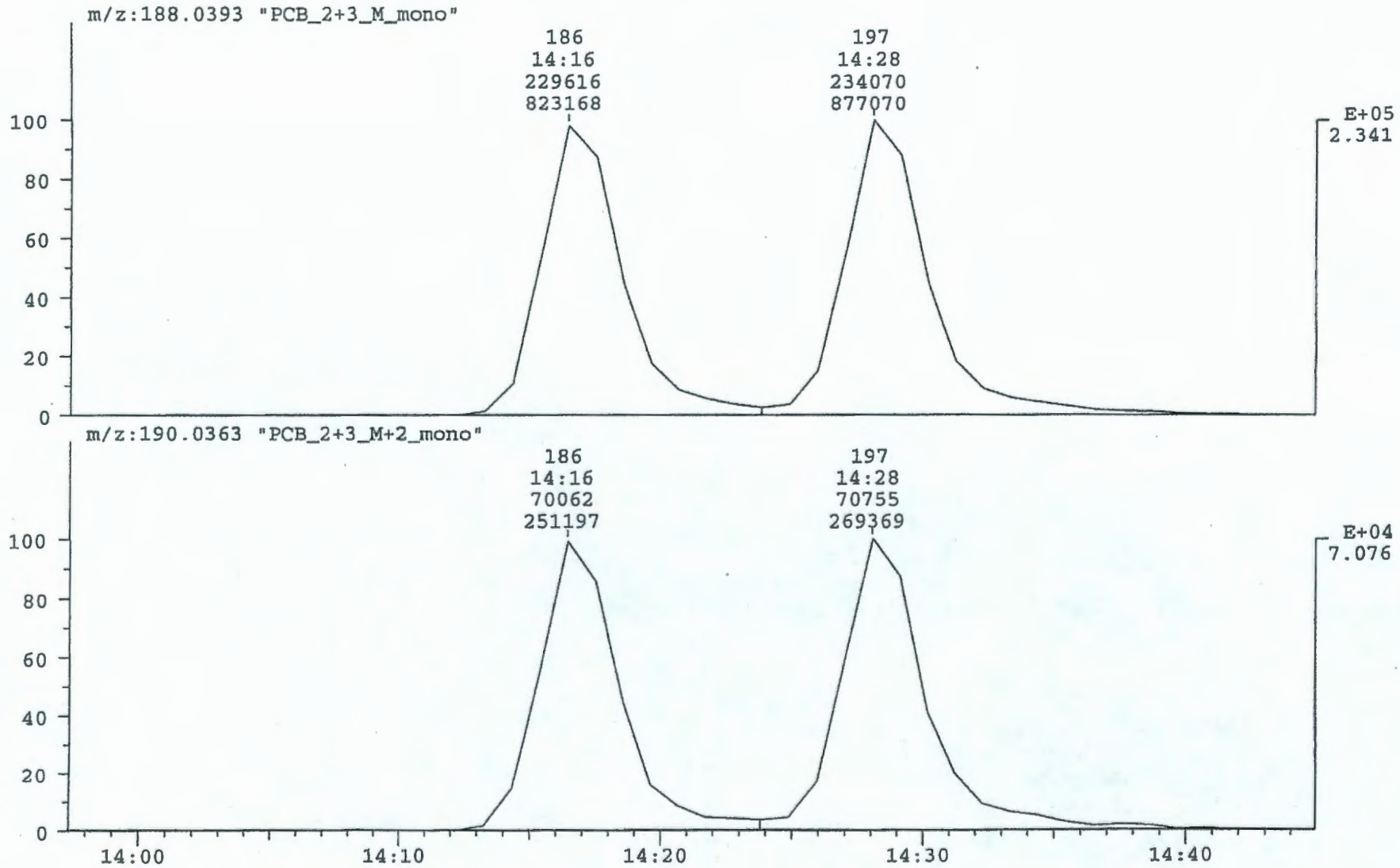


```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  12:12.8      69
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm    Label wndw:   49 > 89               Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

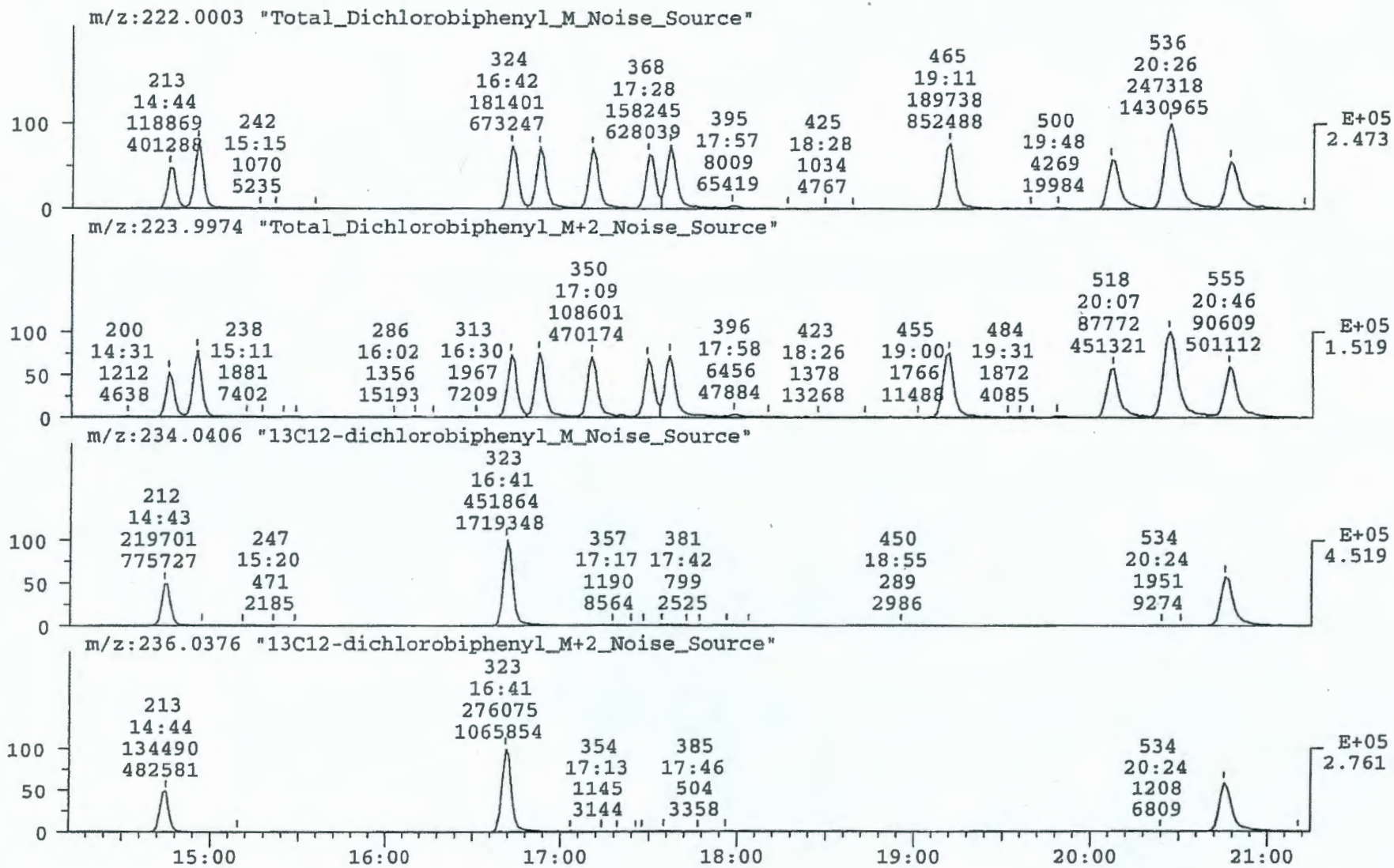


2575

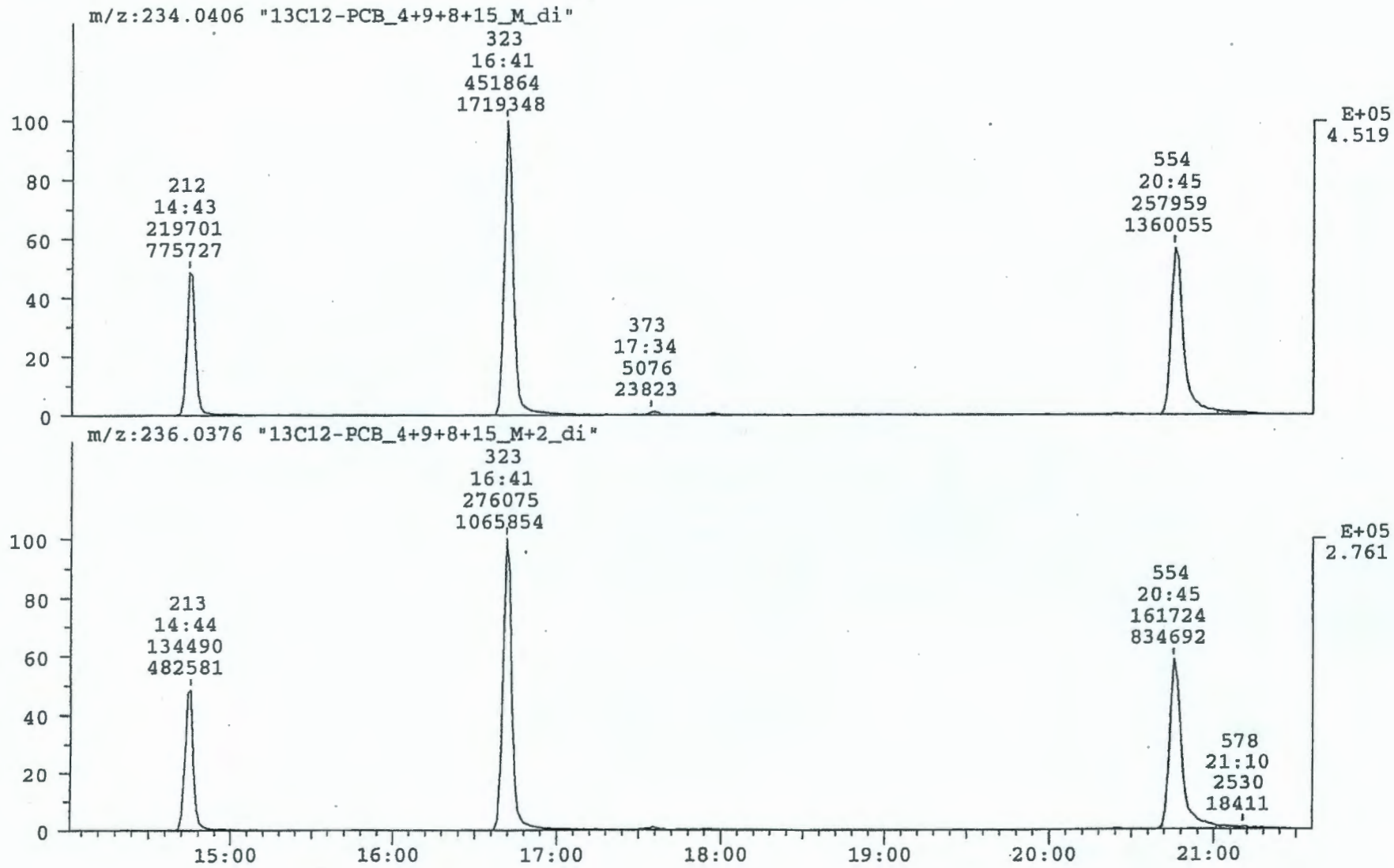
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  14:23.8     193
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   168 > 213            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



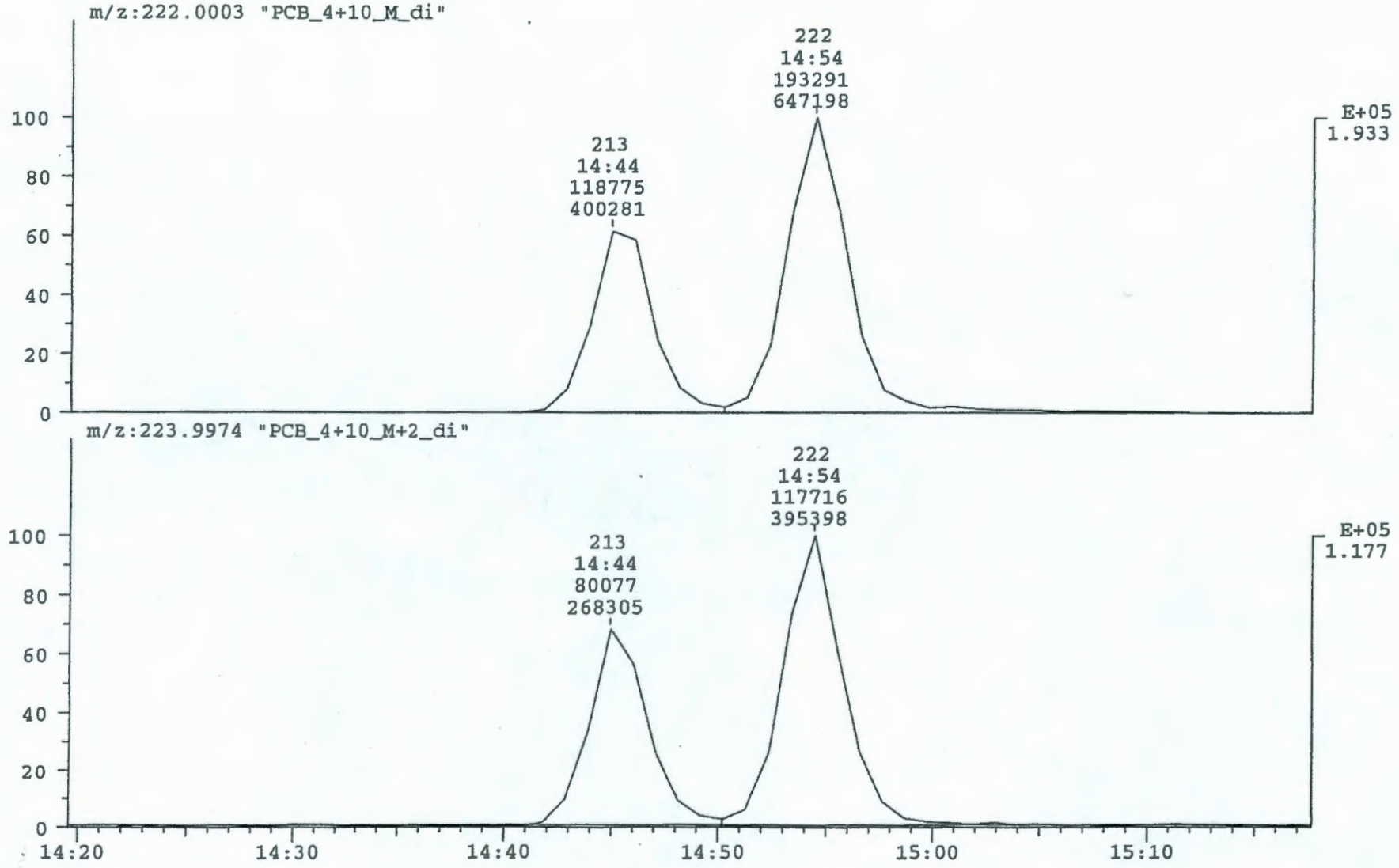
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  17:43.4      382
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   182 > 582           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



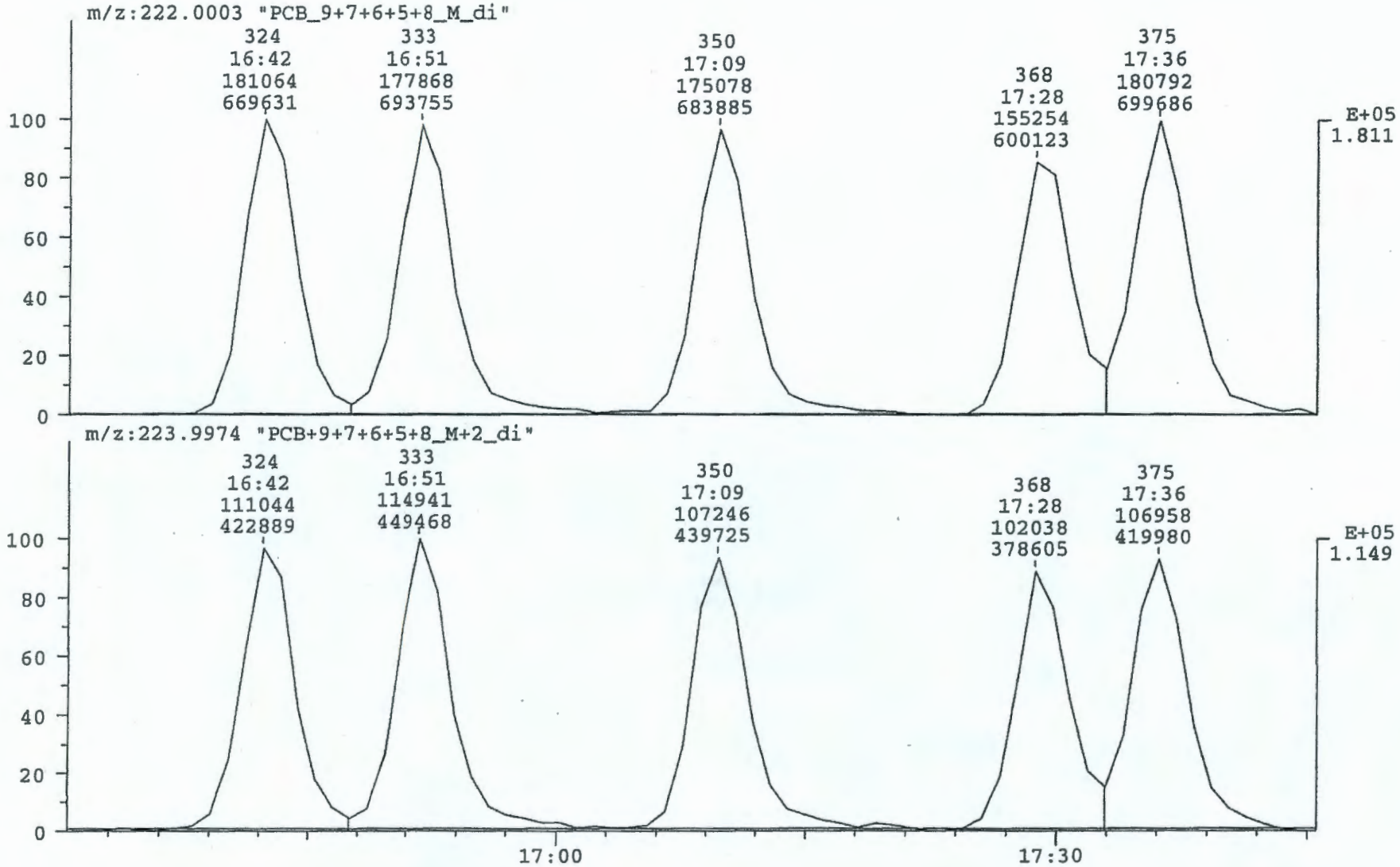
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  17:43.4     382
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   172 > 602           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



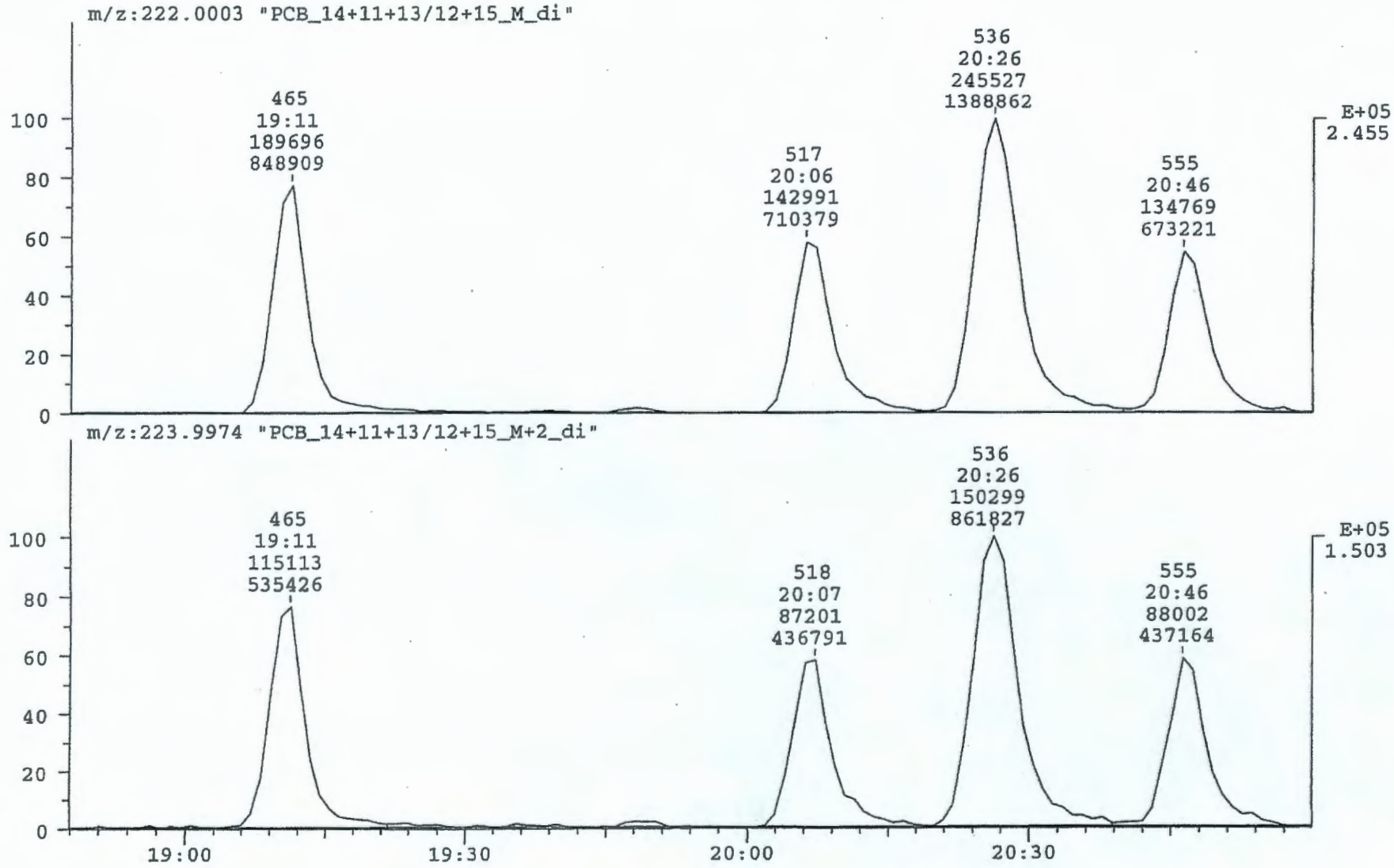
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  14:51.2     219
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   189 > 244            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



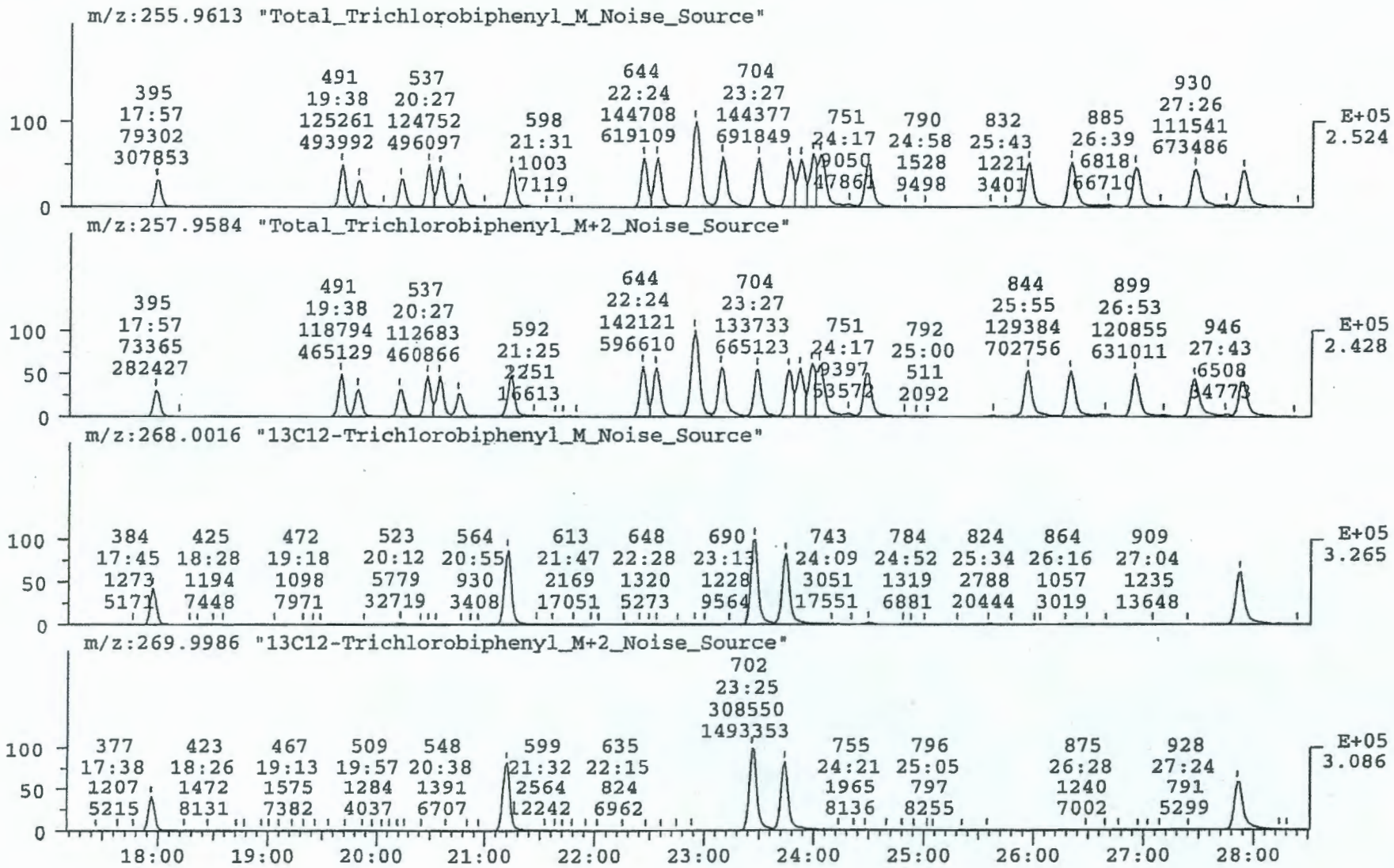
CHRO: apj7c1tc 28-Sep-07 Elapse: 17:09.6 350
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 313 > 384 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



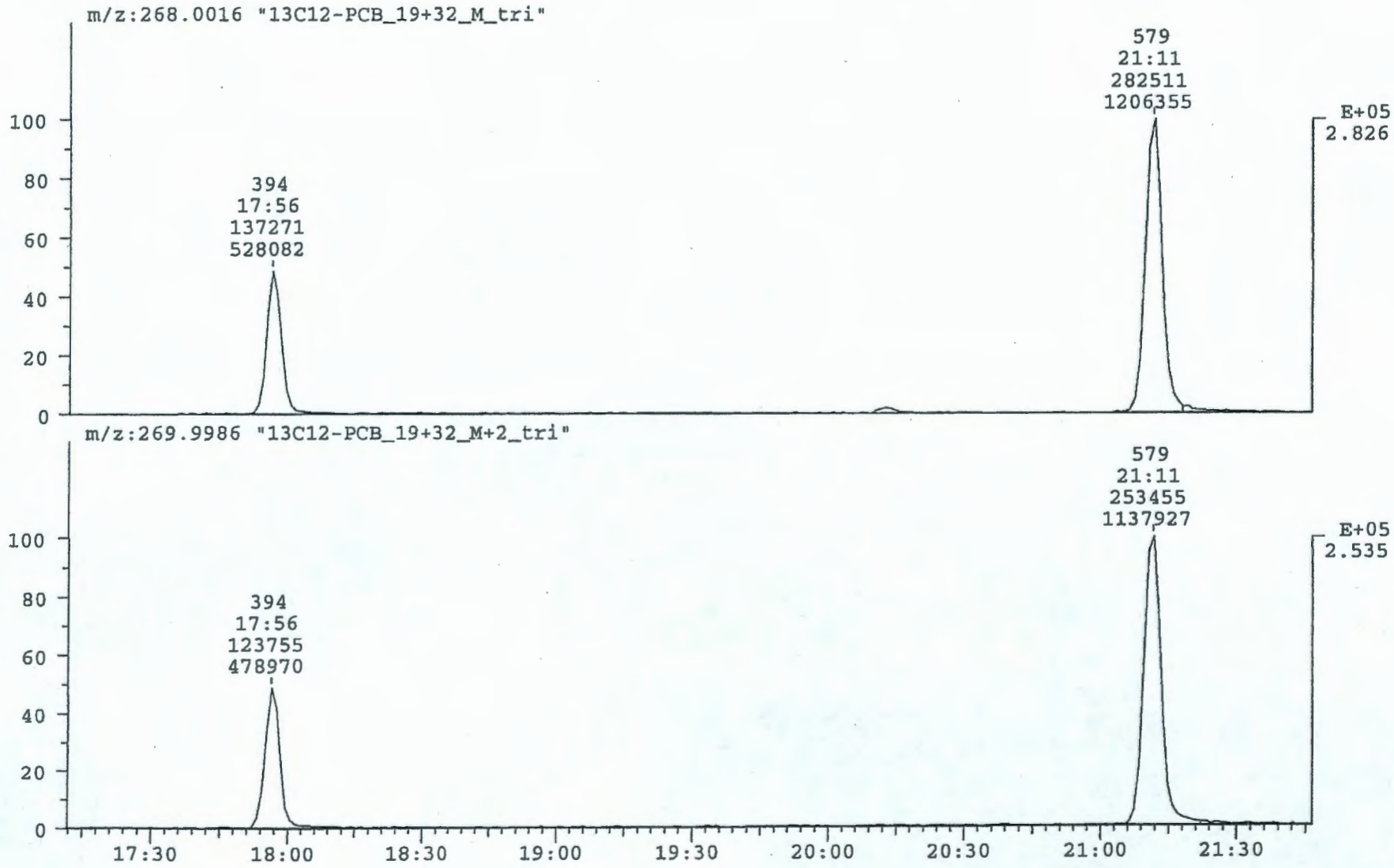
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  19:56.5      508
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP           Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   443 > 568             Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



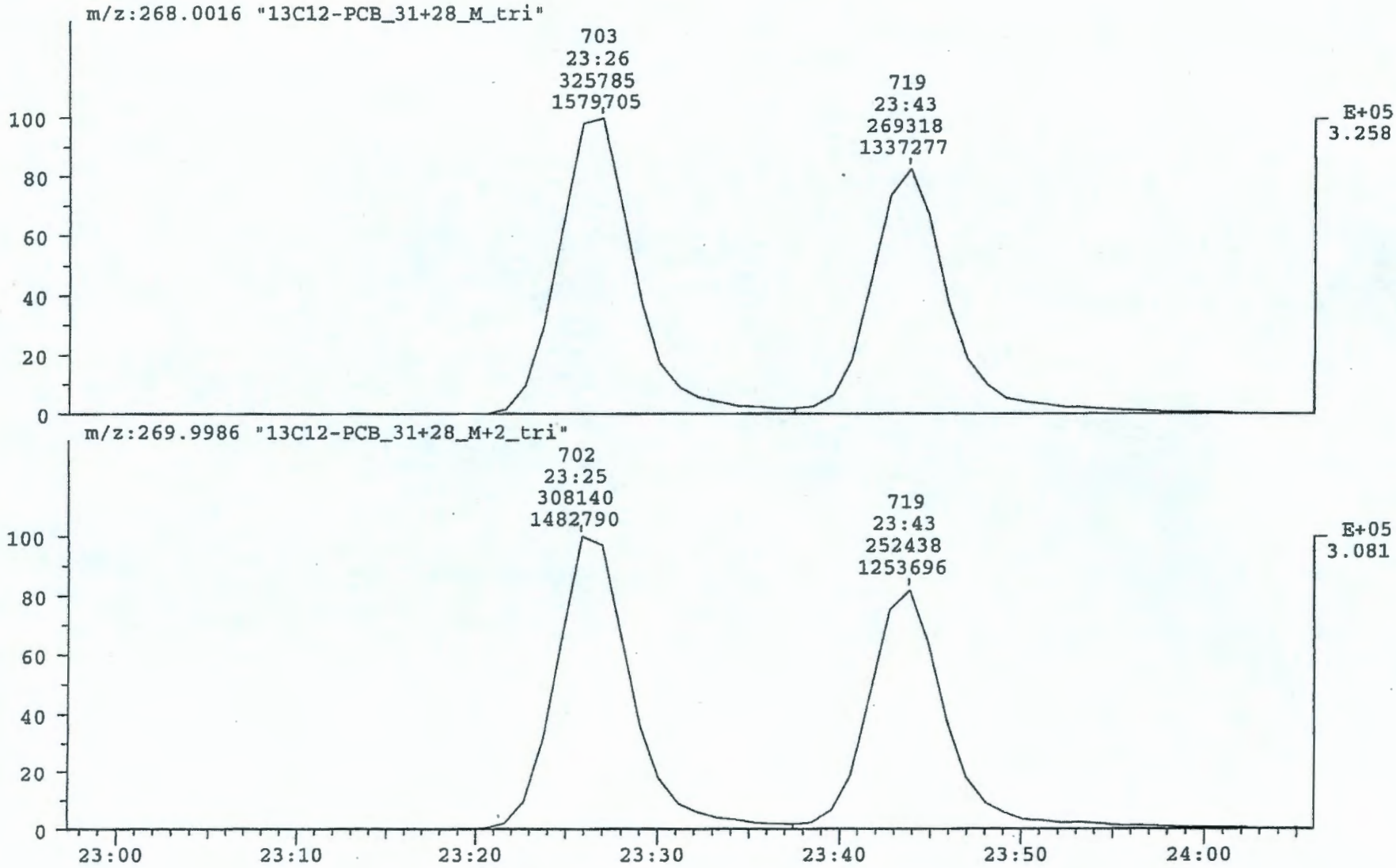
CHRO: apj7c1tc 28-Sep-07 Elapse: 22:53.1 671
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 351 > 991 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



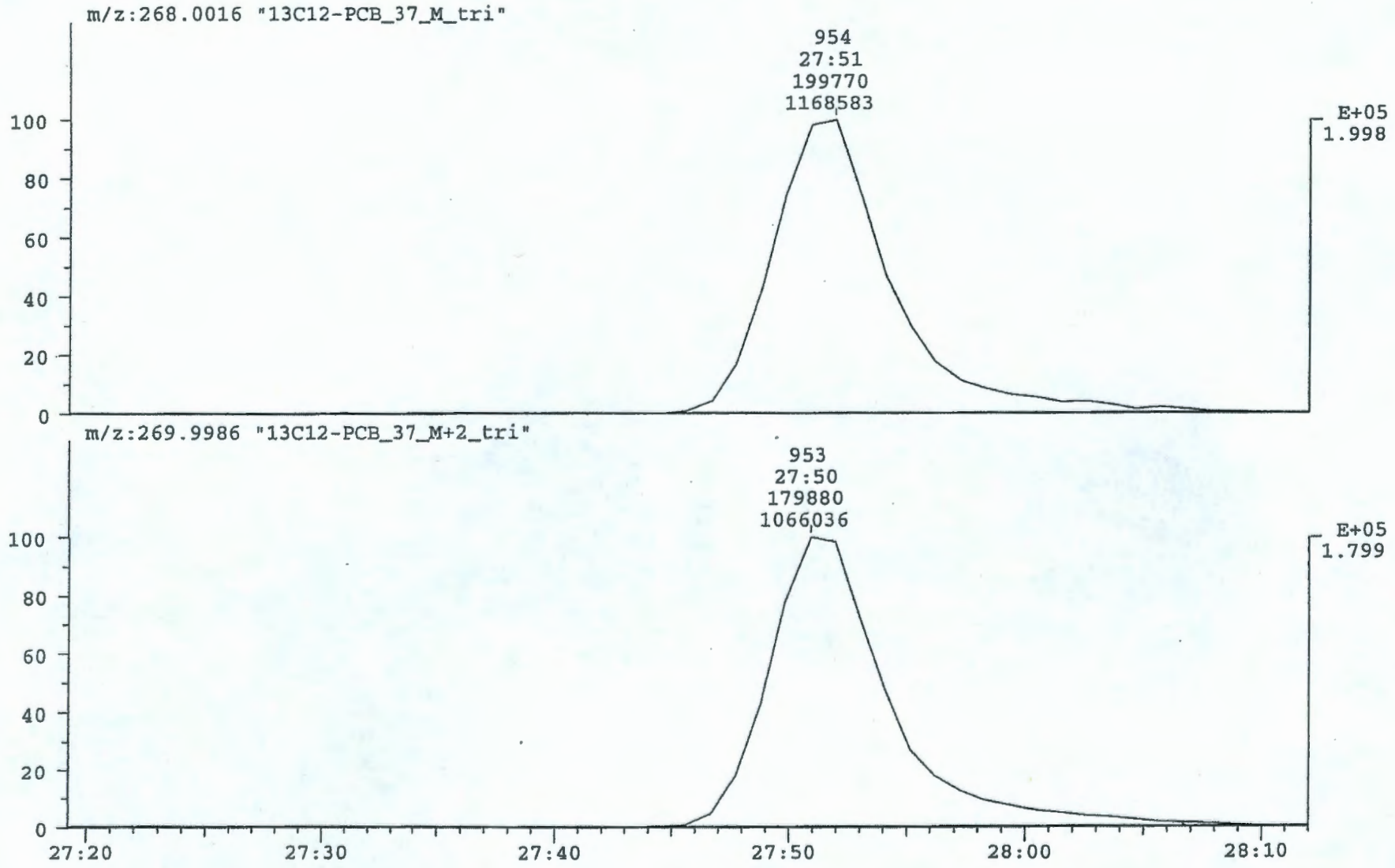
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  19:18.5      472
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   352 > 612            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



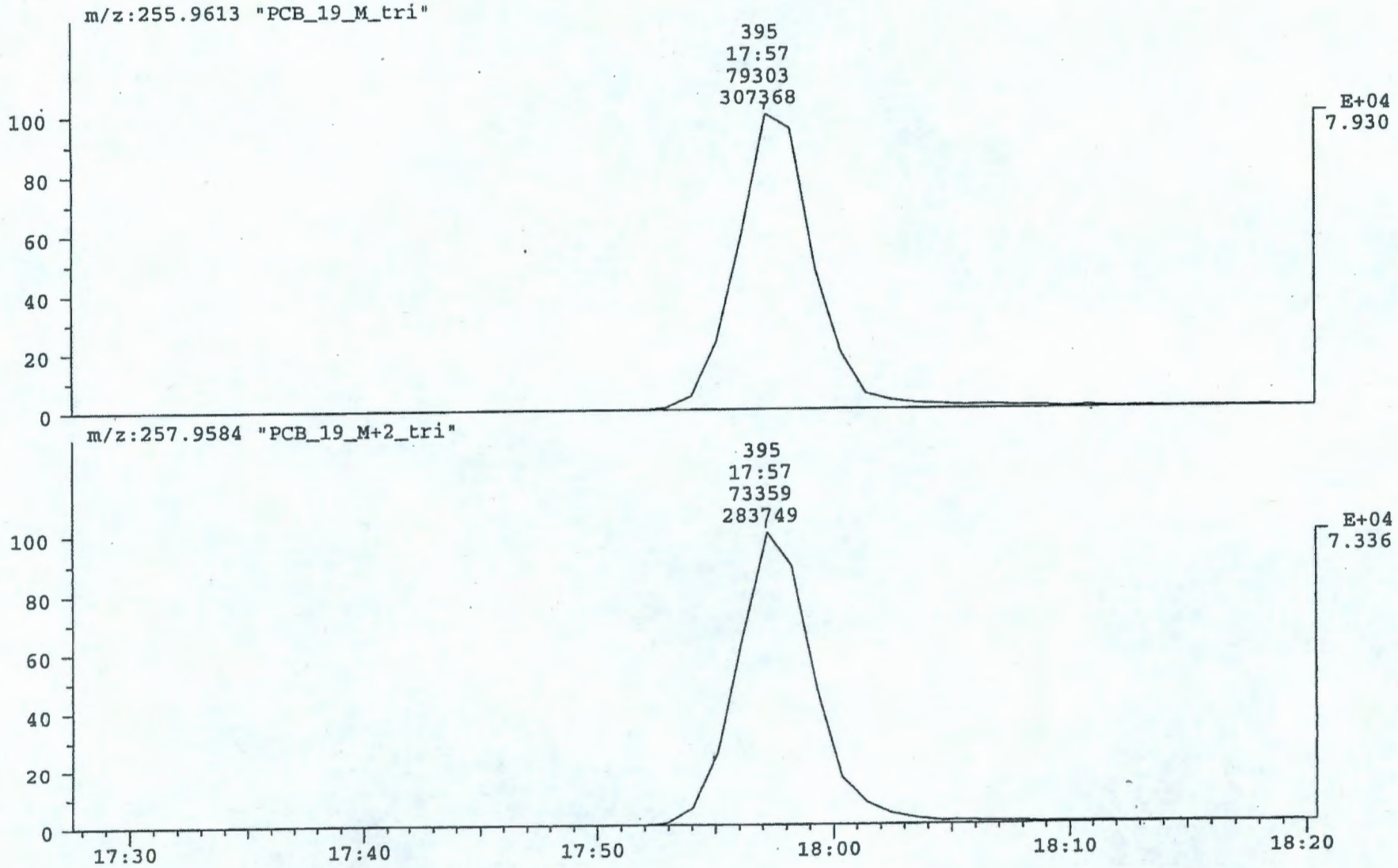
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  23:23.7      700
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   675 > 740            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



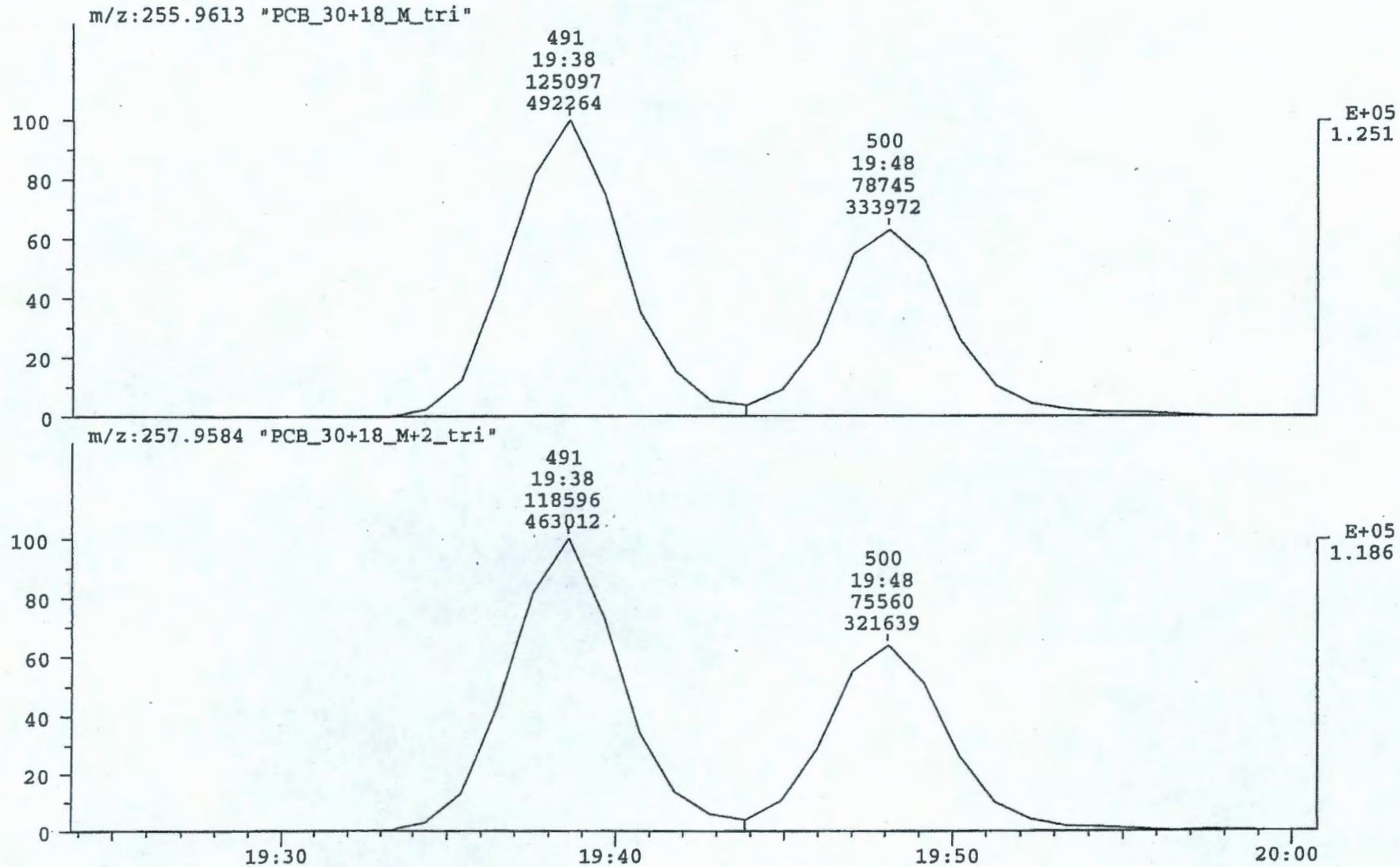
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  27:45.6      948
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   923 > 973            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



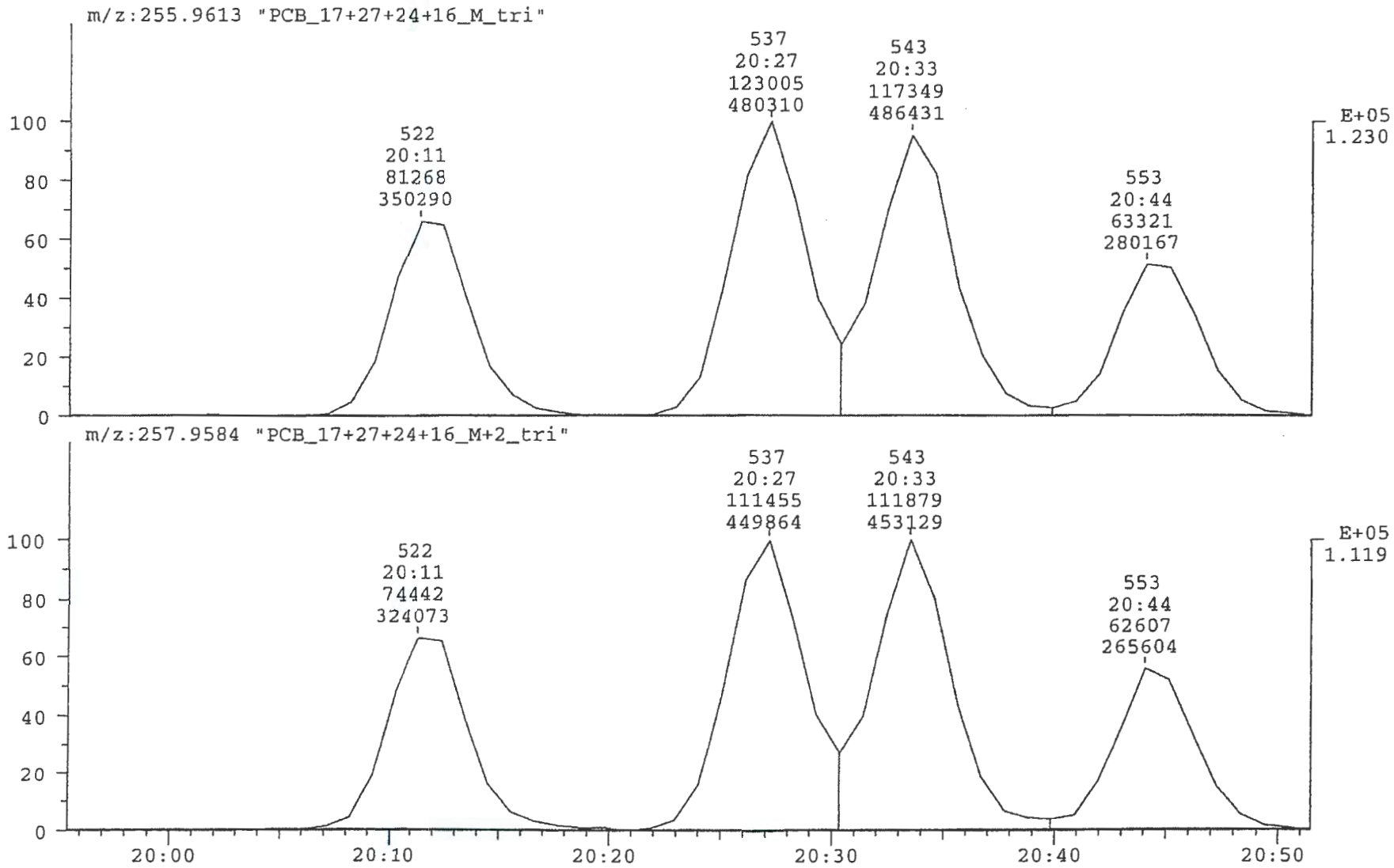
CHRO: apj7c1tc 28-Sep-07 Elapse: 17:54.0 392
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 367 > 417 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



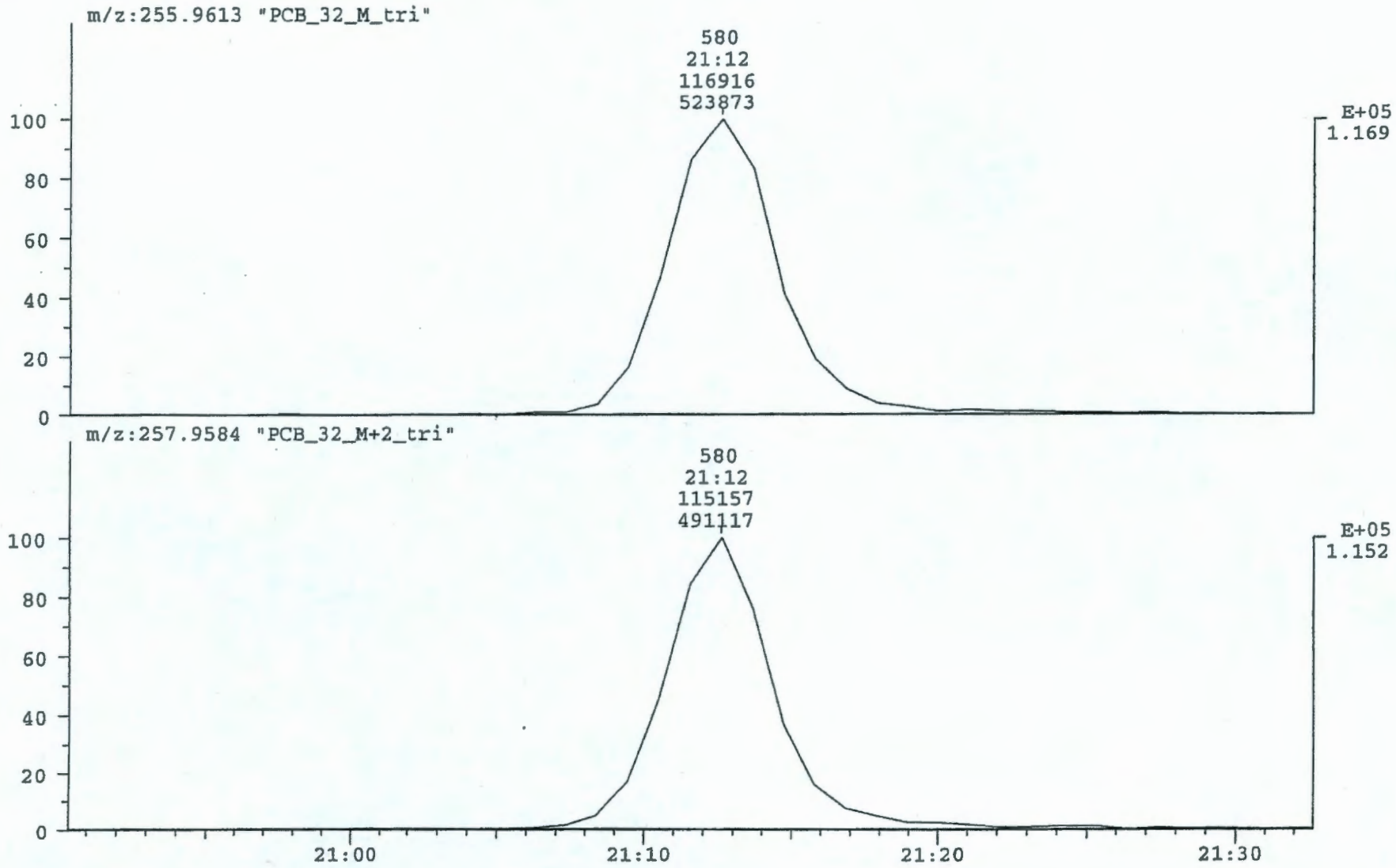
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  19:44.9      497
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   477 > 512            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



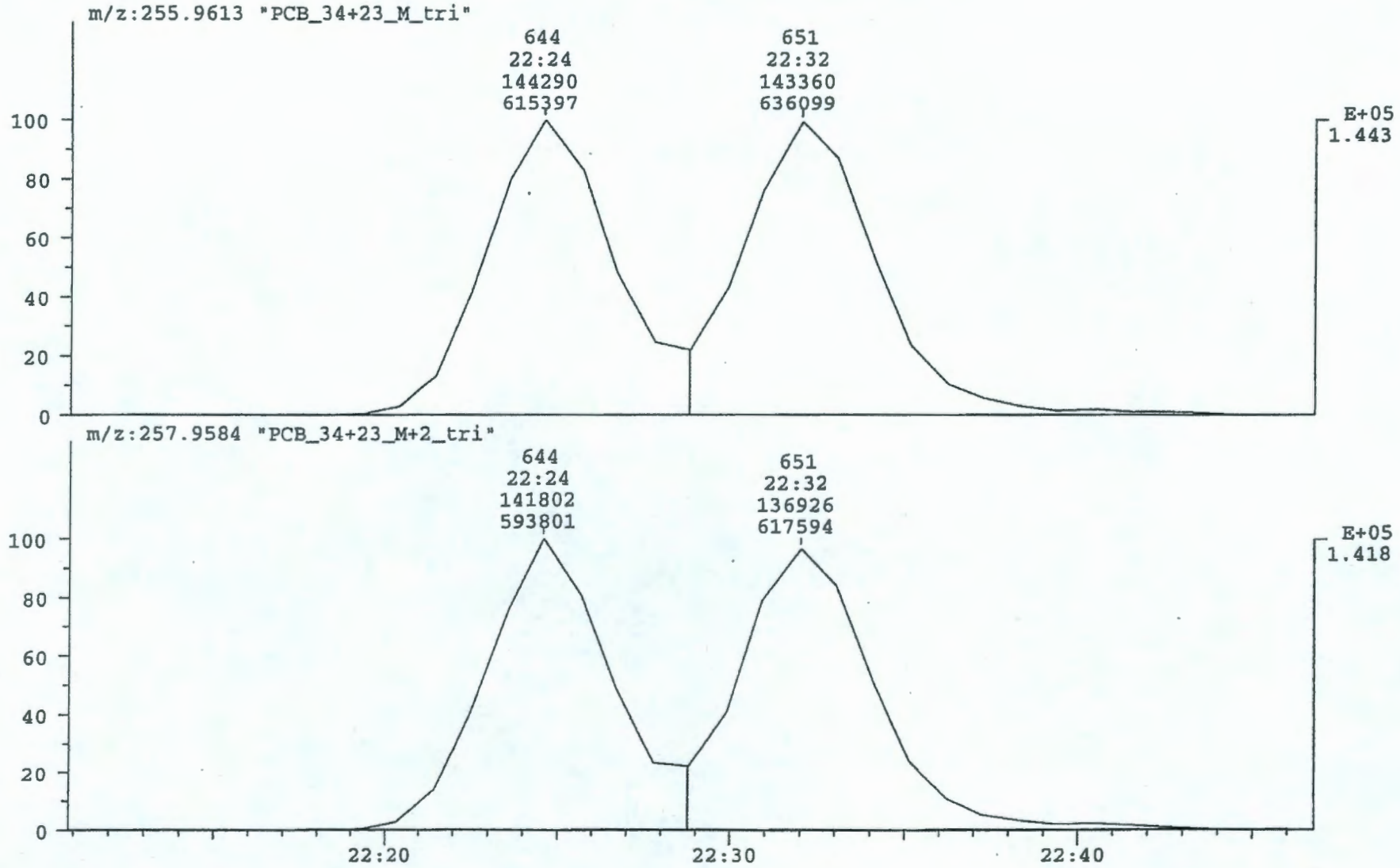
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  20:27.1      537
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   507 > 560            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



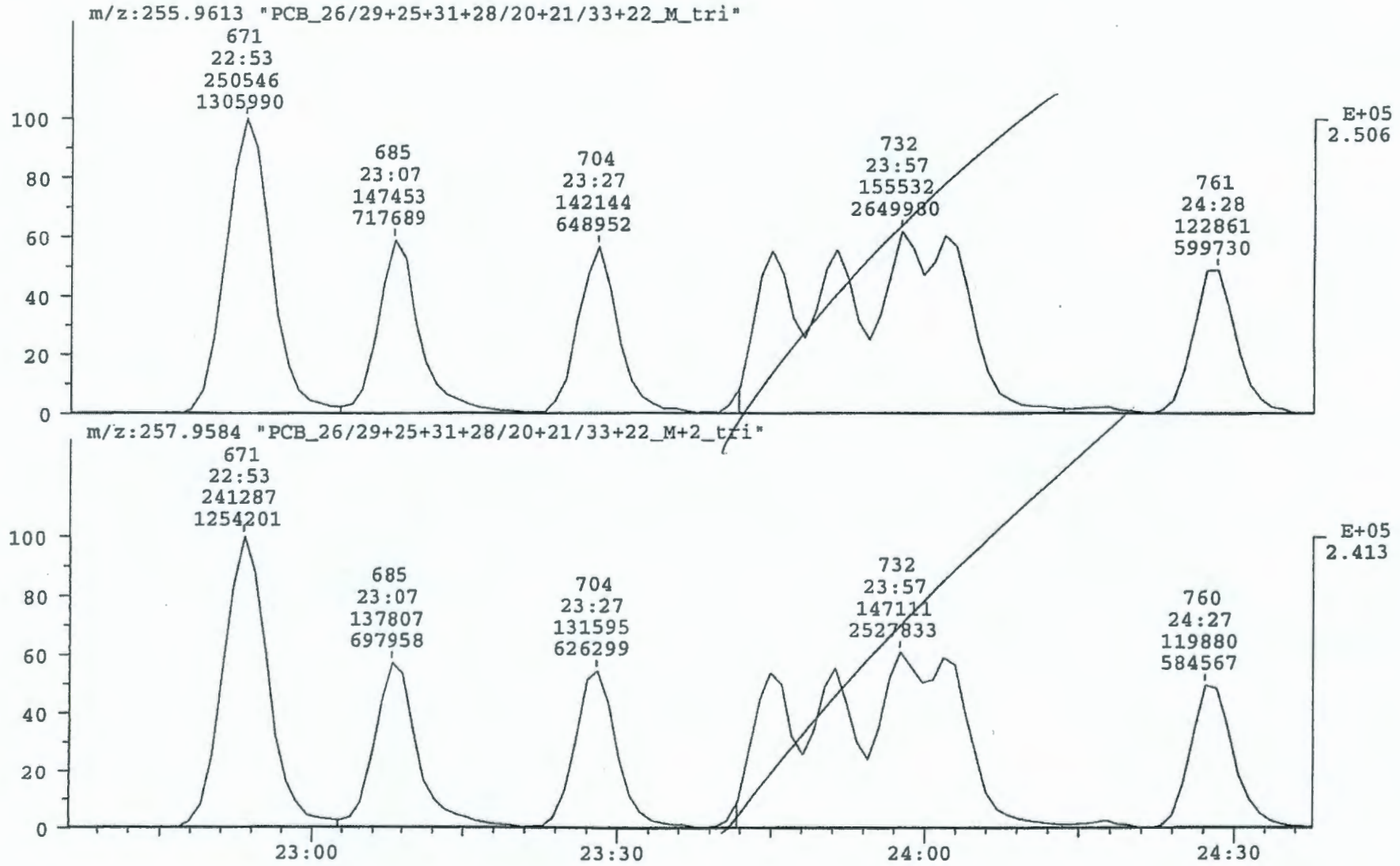
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  21:11.5      579
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   559 > 599           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



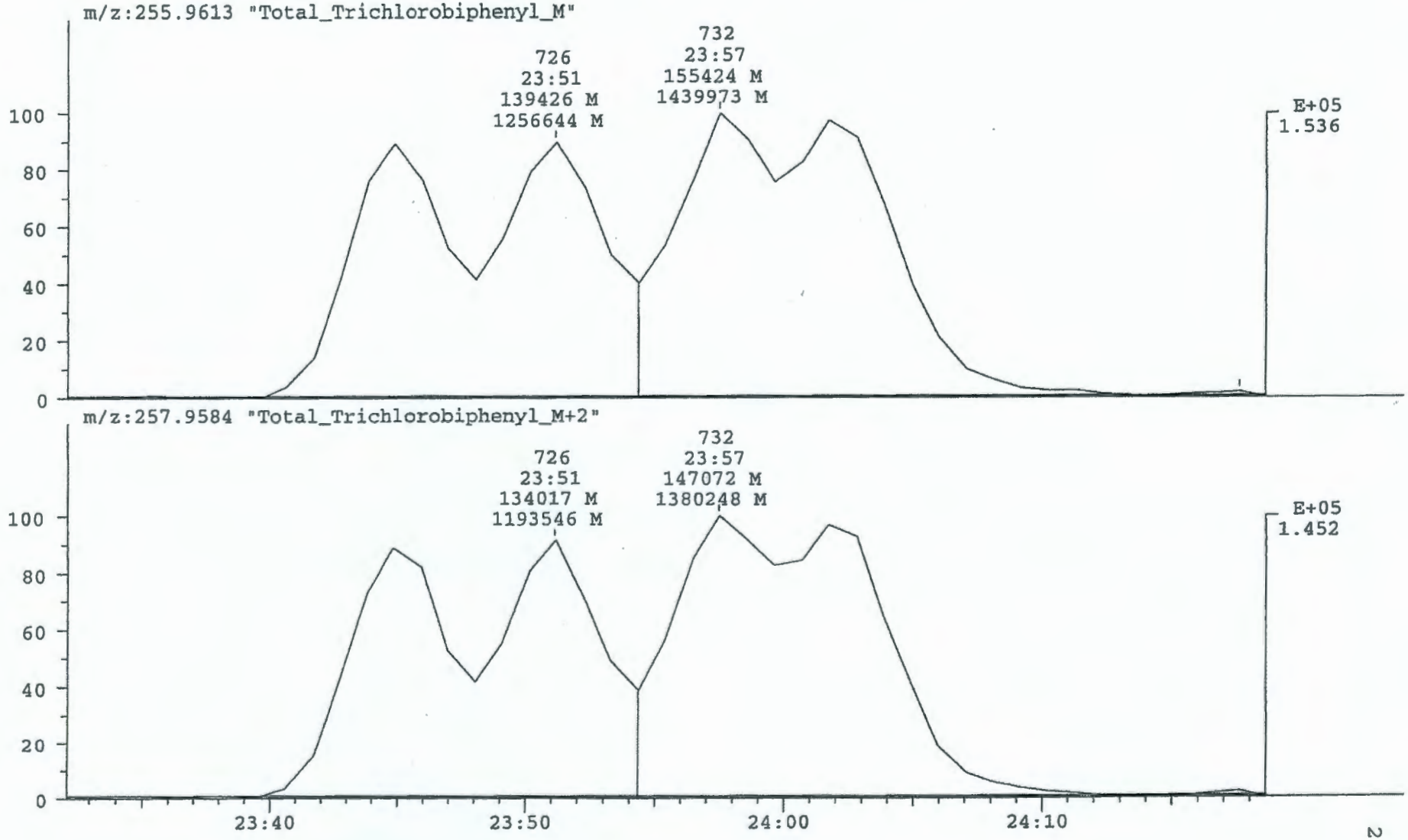
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  22:23.6      643
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   631 > 665            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



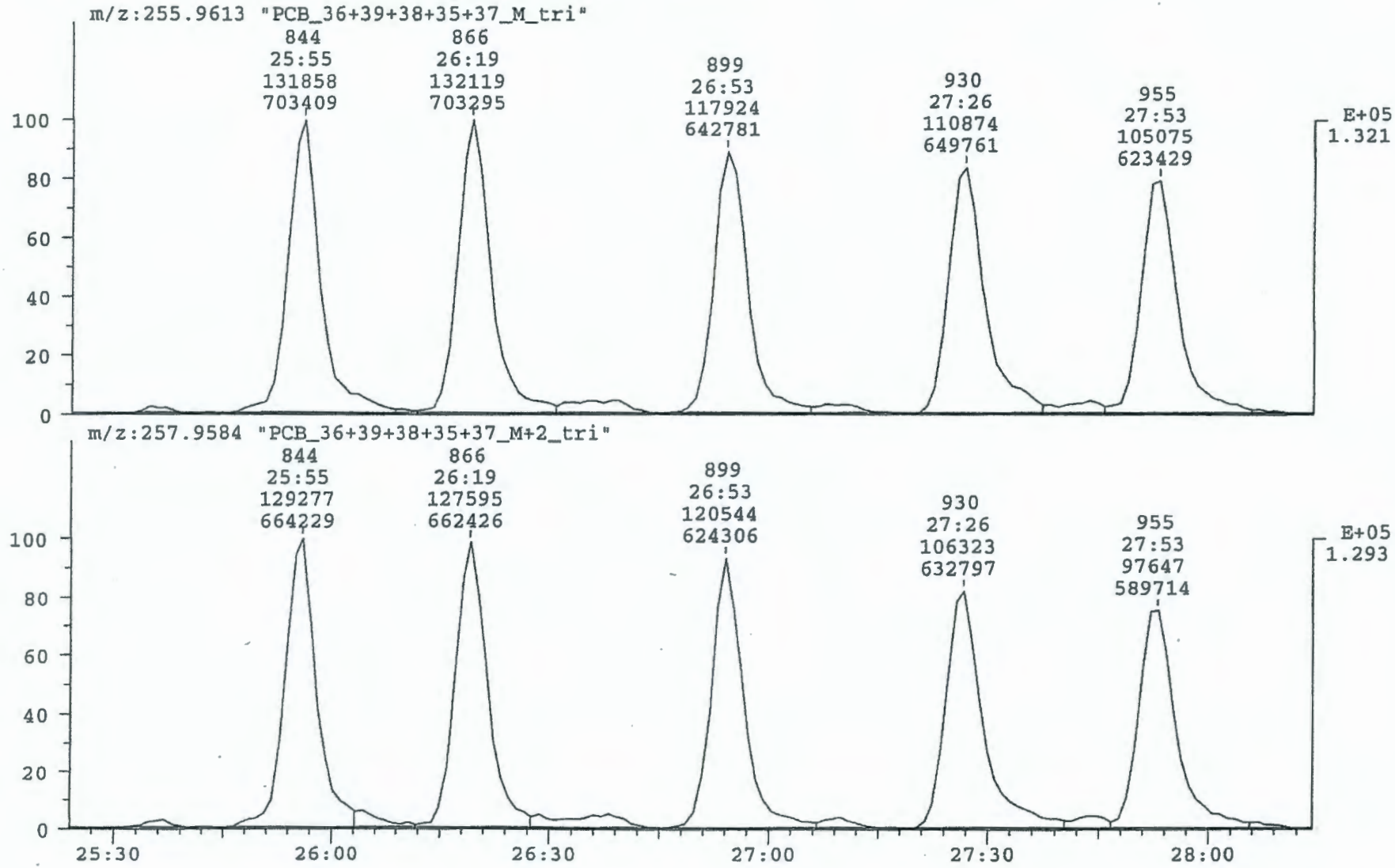
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  23:55.3      730
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   655 > 770            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8               Label :  -3, 3.0
Disp:  Height  Area
```



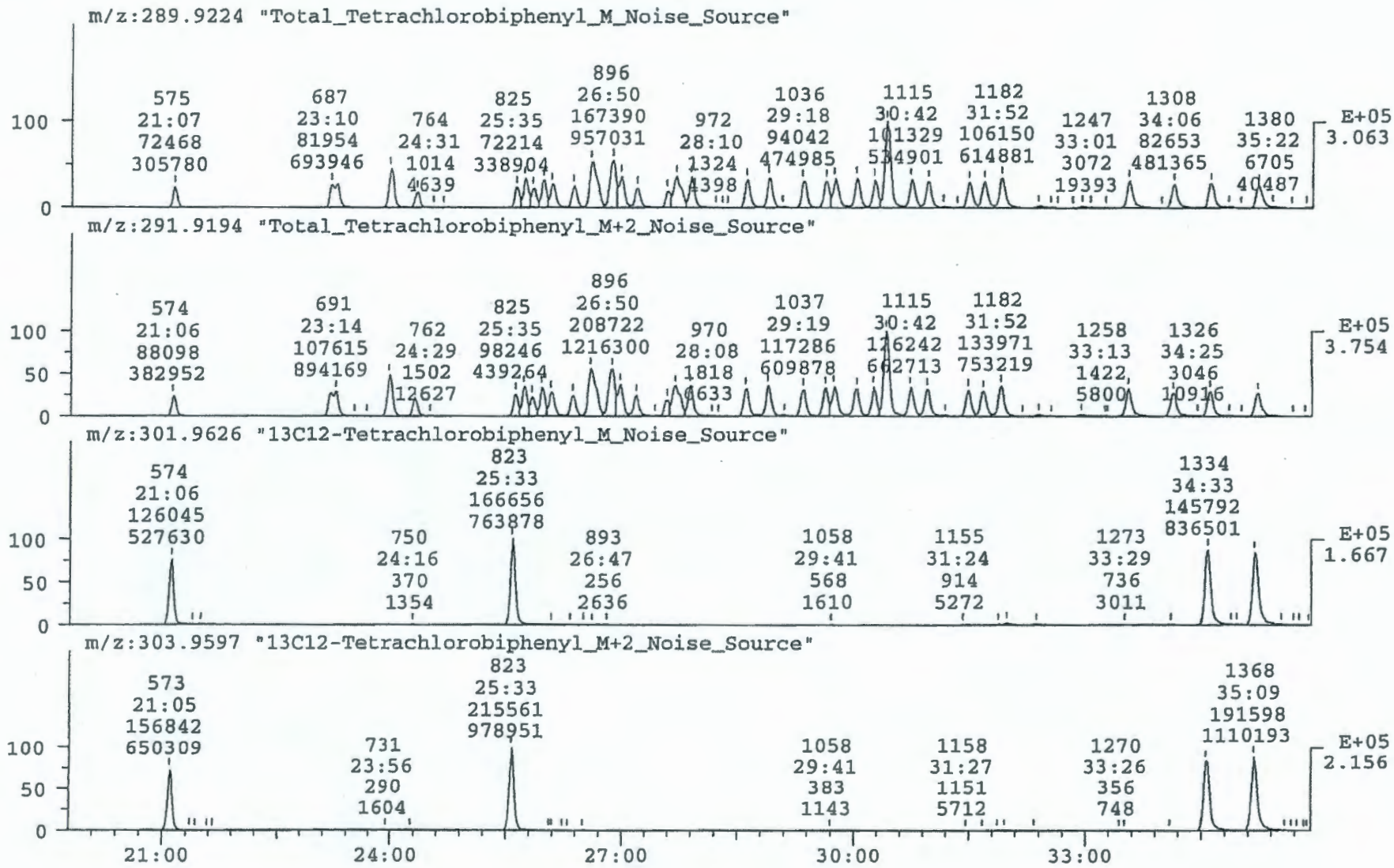
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   708 > 752            Masses:  181 > 510
Area:  5, 0.50, 20      Baseline  :   100, 8               Label :  -3, 3.0
Disp:  Height  Area
```



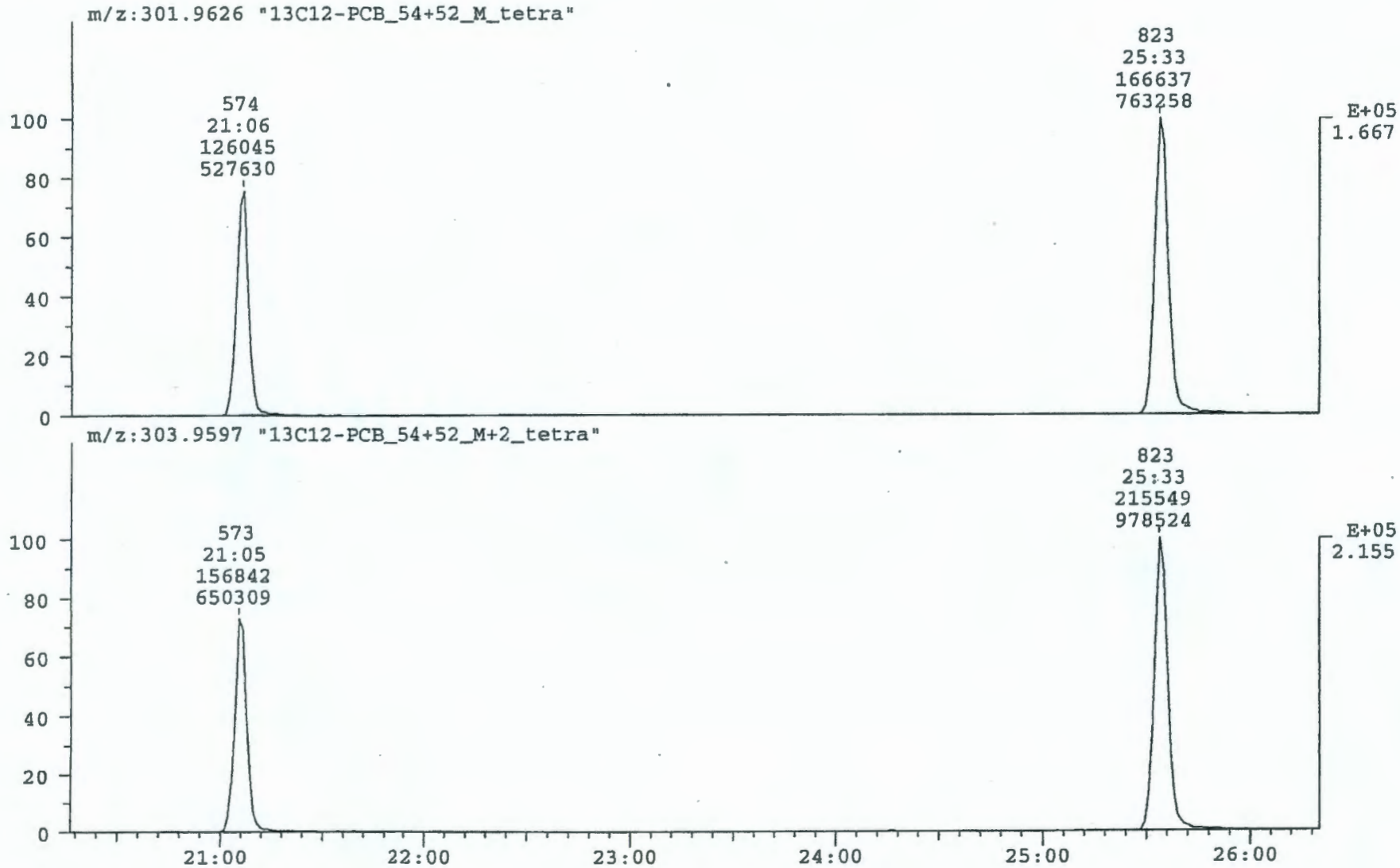
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  26:53.9     899
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   814 > 975            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



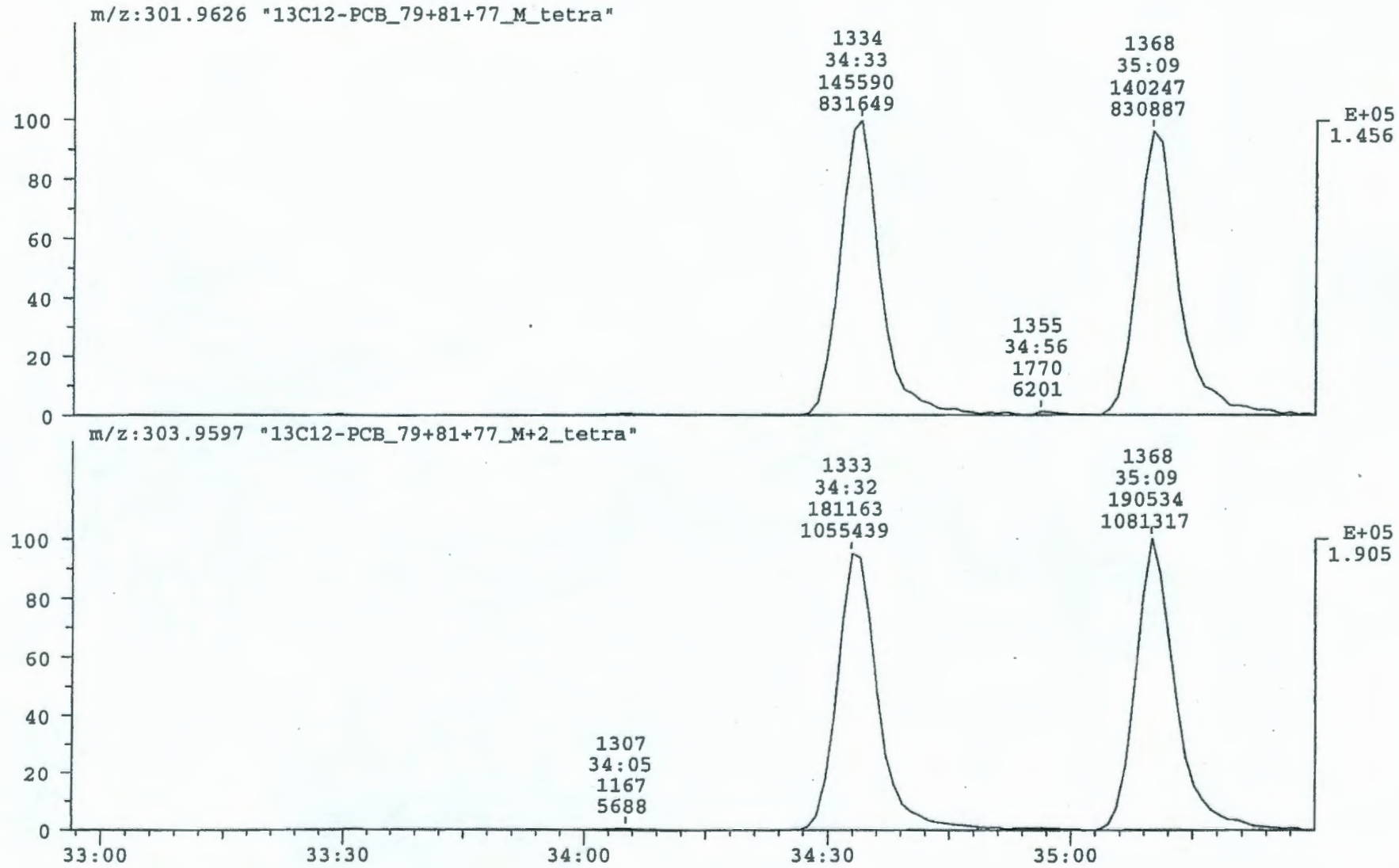
CHRO: apj7c1tc 28-Sep-07 Elapse: 27:50.9 953
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 500 > 1410 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



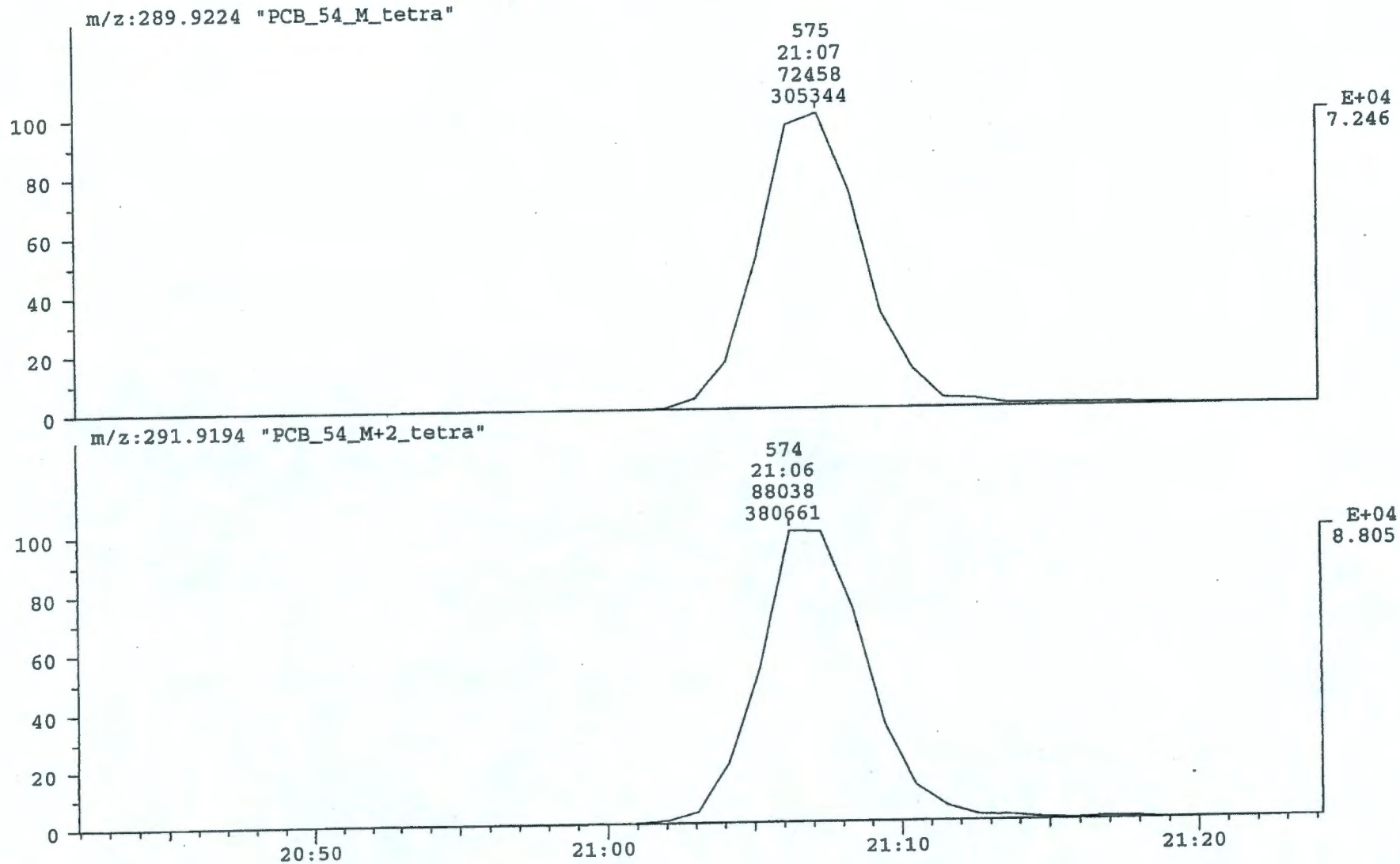
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  23:20.6      697
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   527 > 867            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  34:10      1312
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1242 > 1387         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

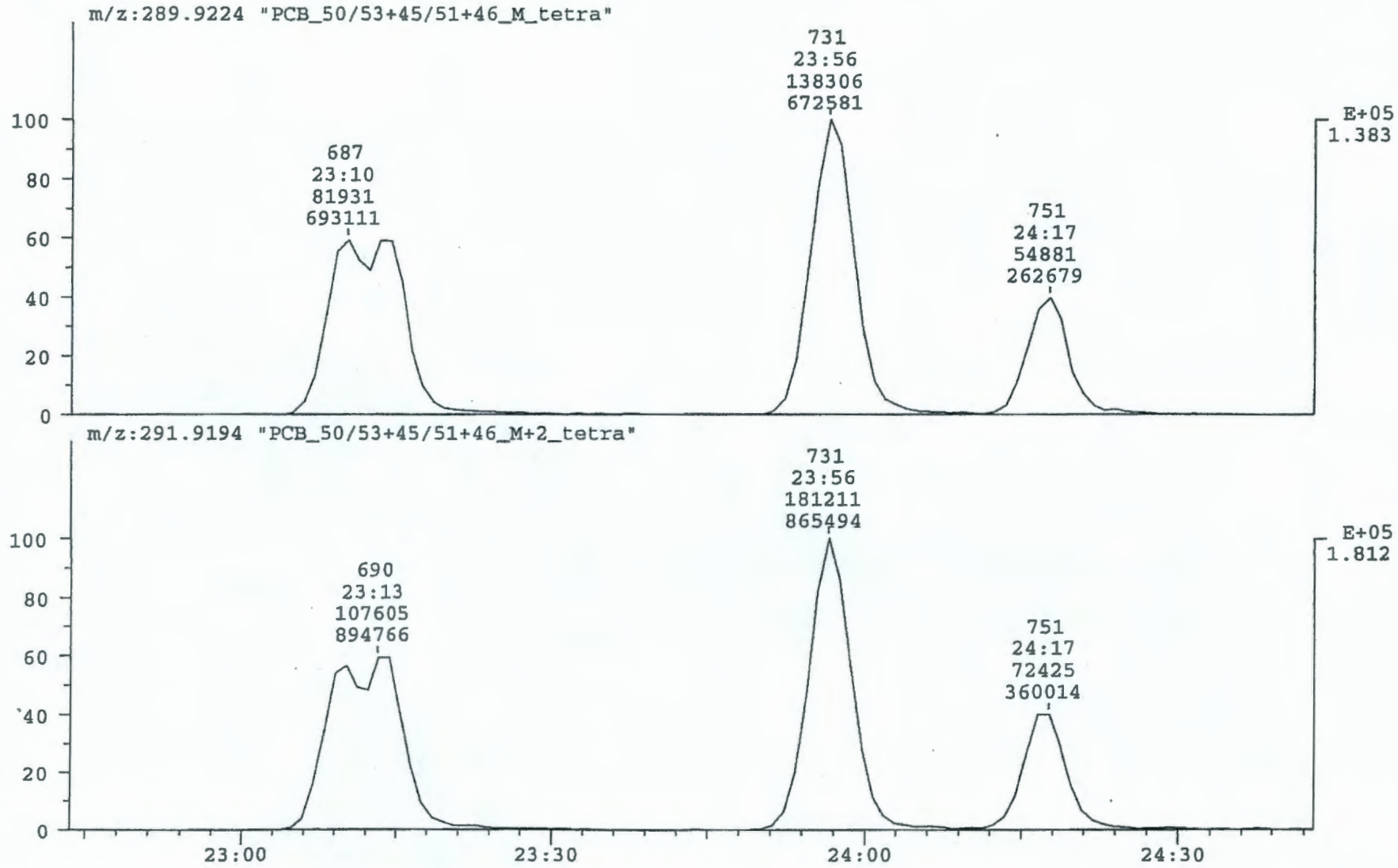


CHRO: apj7c1tc 28-Sep-07 Elapse: 21:03.1 571
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 551 > 591 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

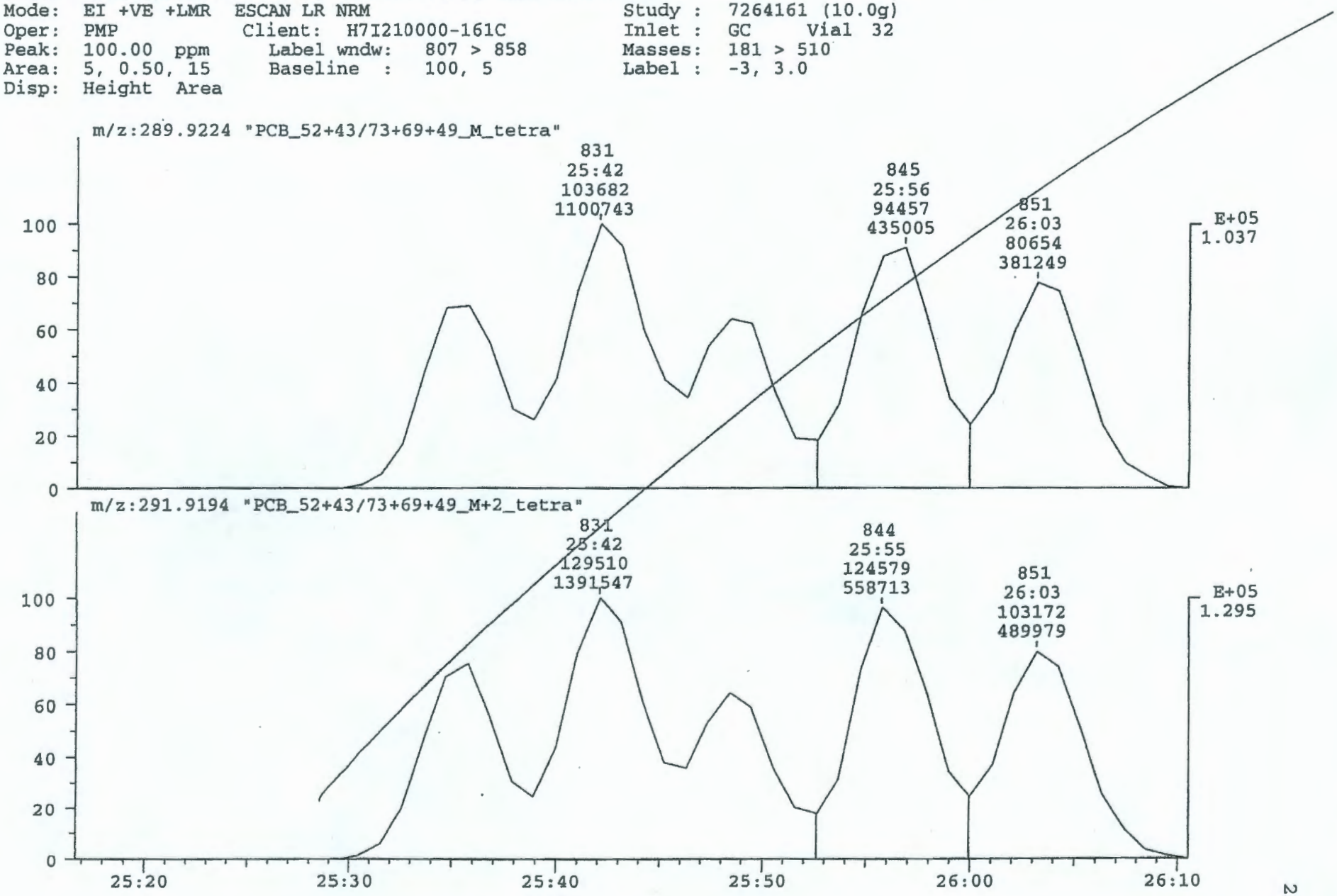


2597

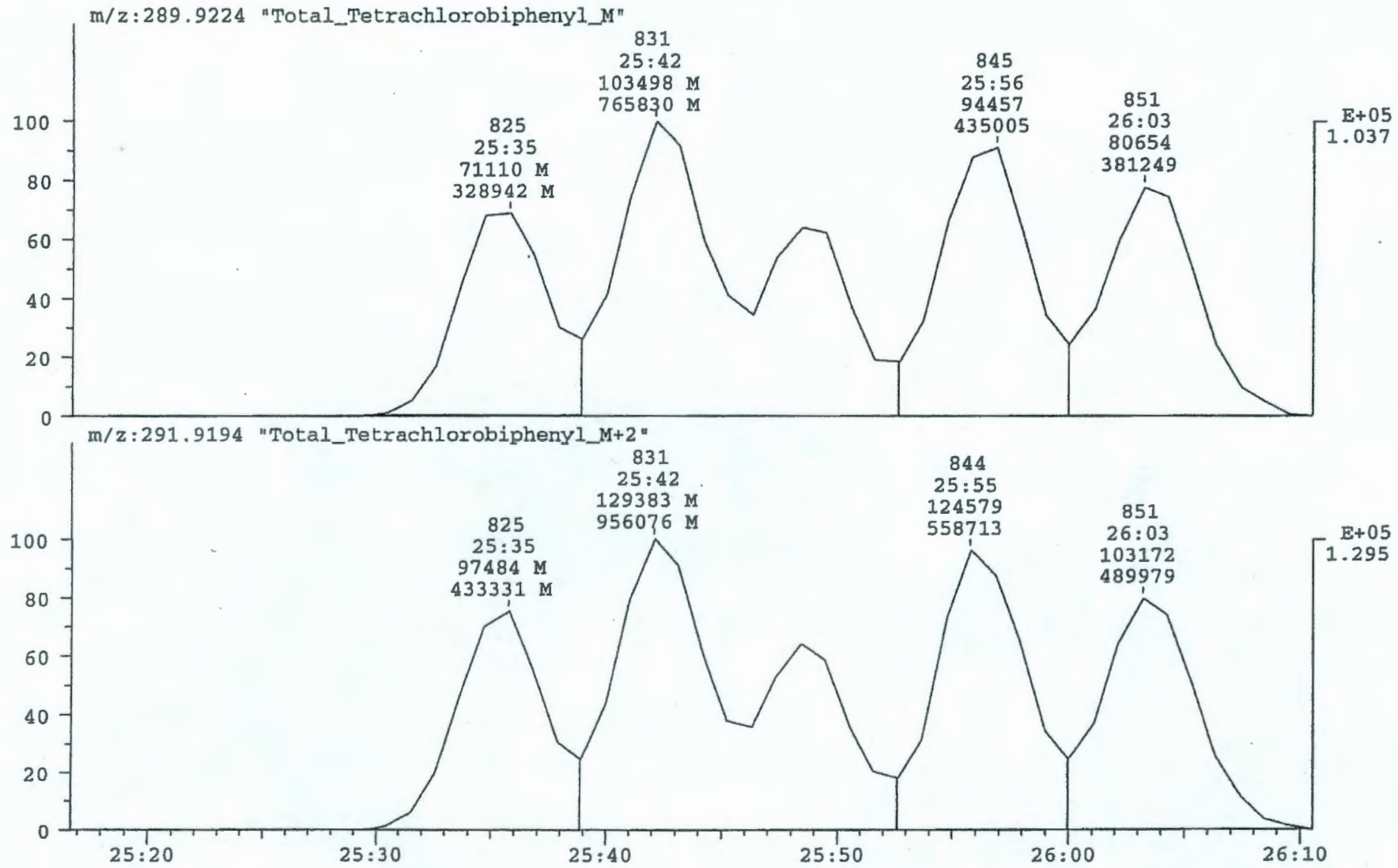
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  23:50.1      725
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   662 > 775            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```



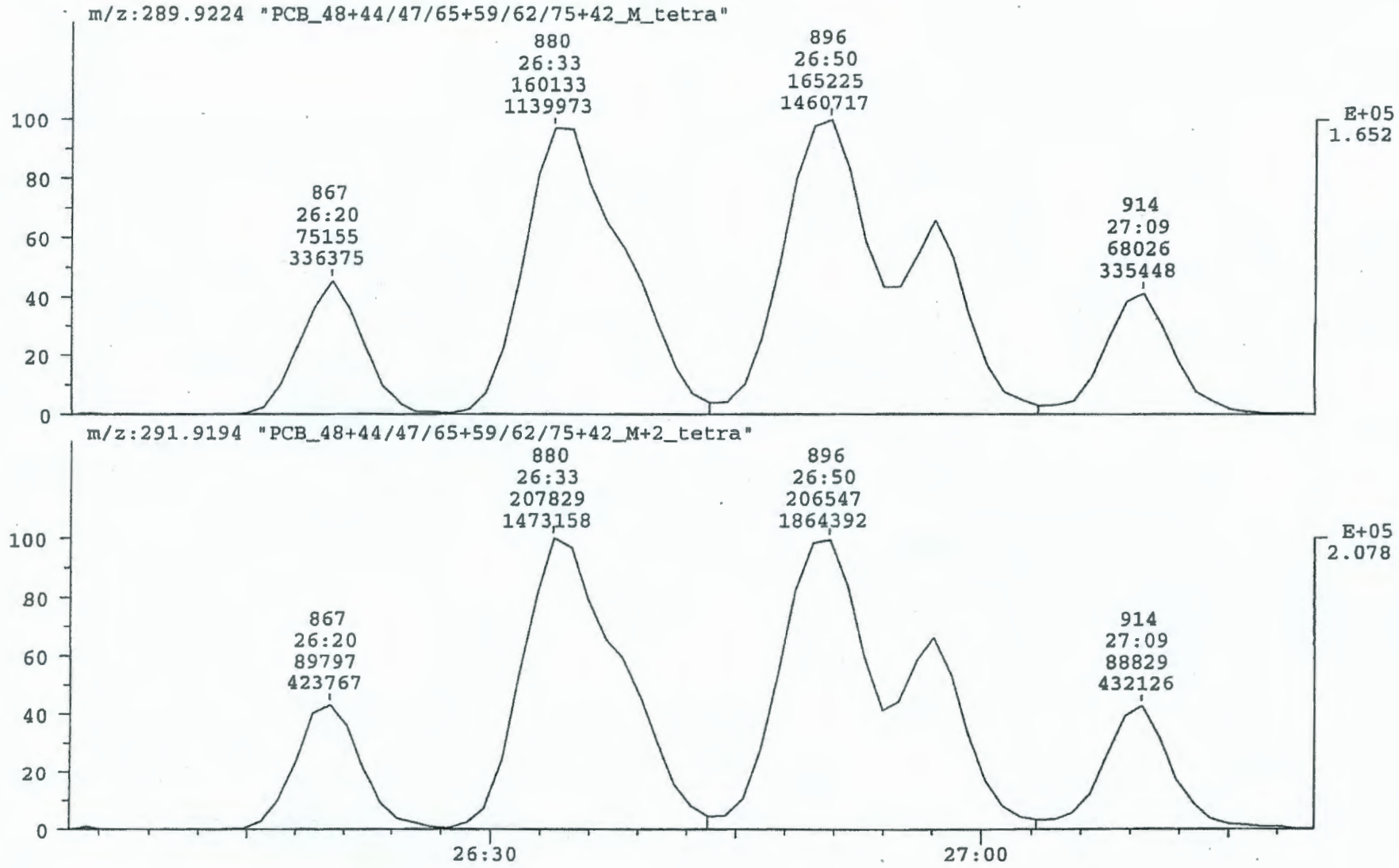
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  25:51.5      840
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   807 > 858            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



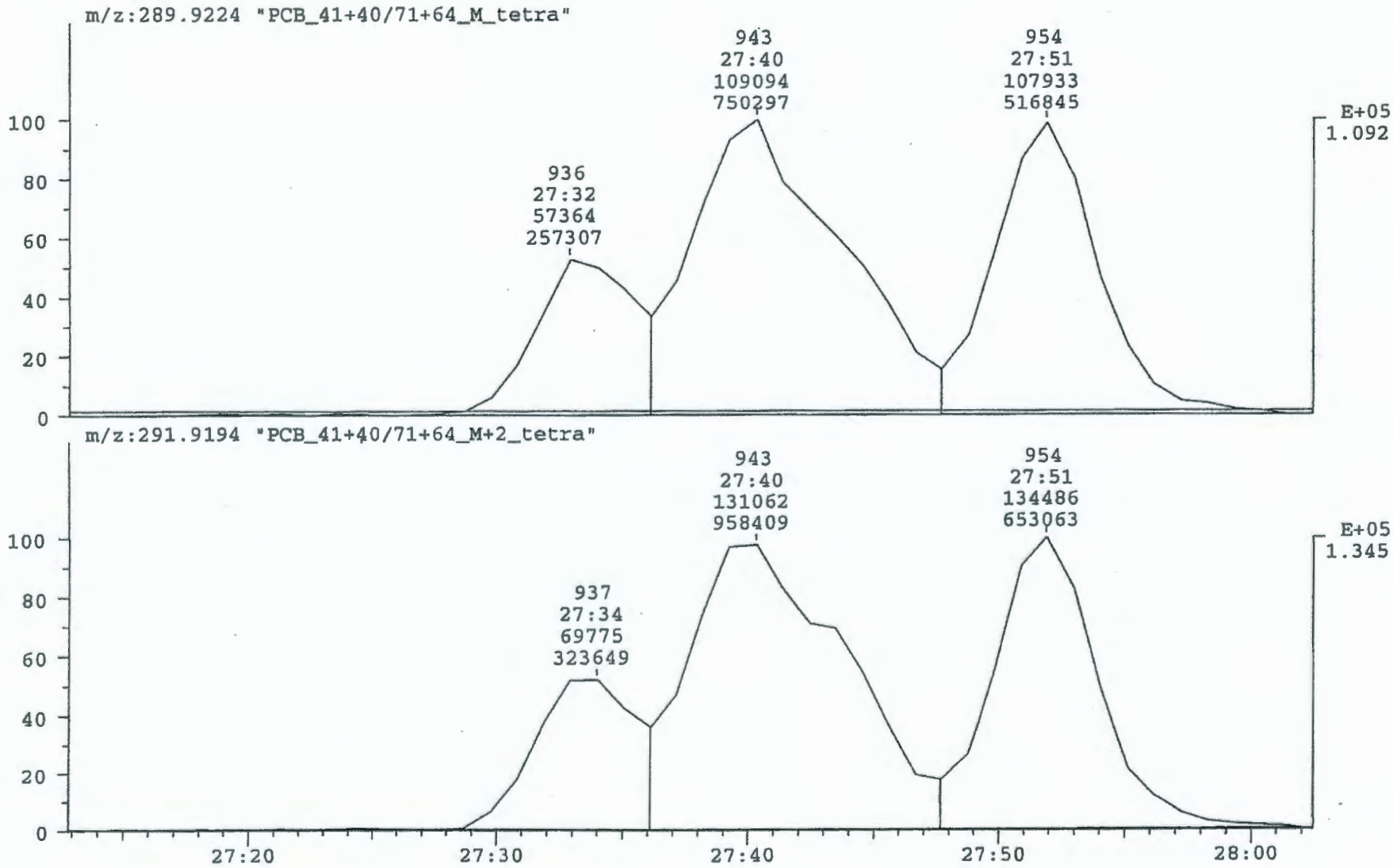
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   807 > 858            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



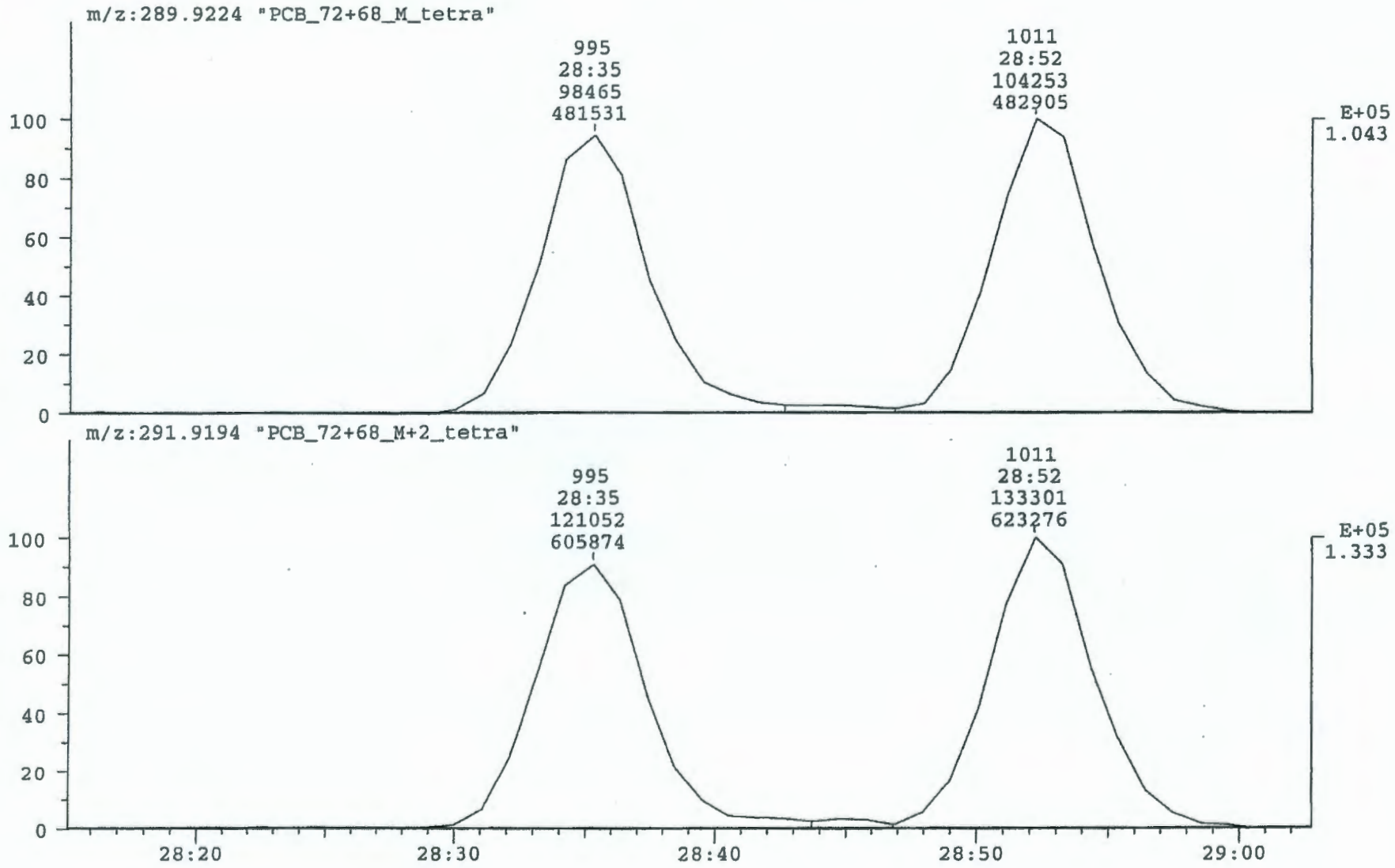
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  26:46.4      892
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC      Vial  32
Peak:  100.00  ppm      Label wndw:   852 > 924            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



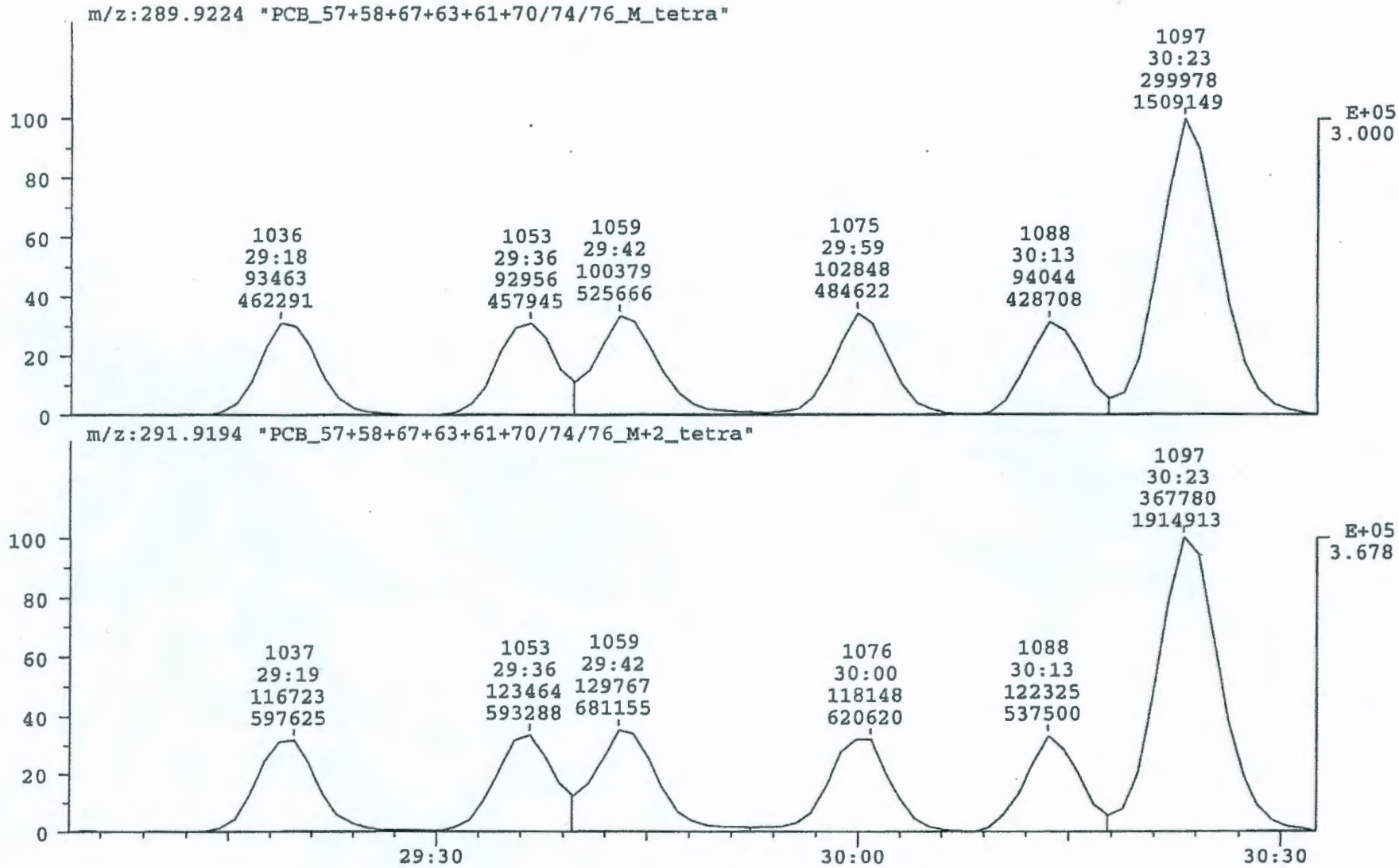
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  27:46.7     949
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   917 > 964            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2               Label :  -3, 3.0
Disp:  Height  Area
```



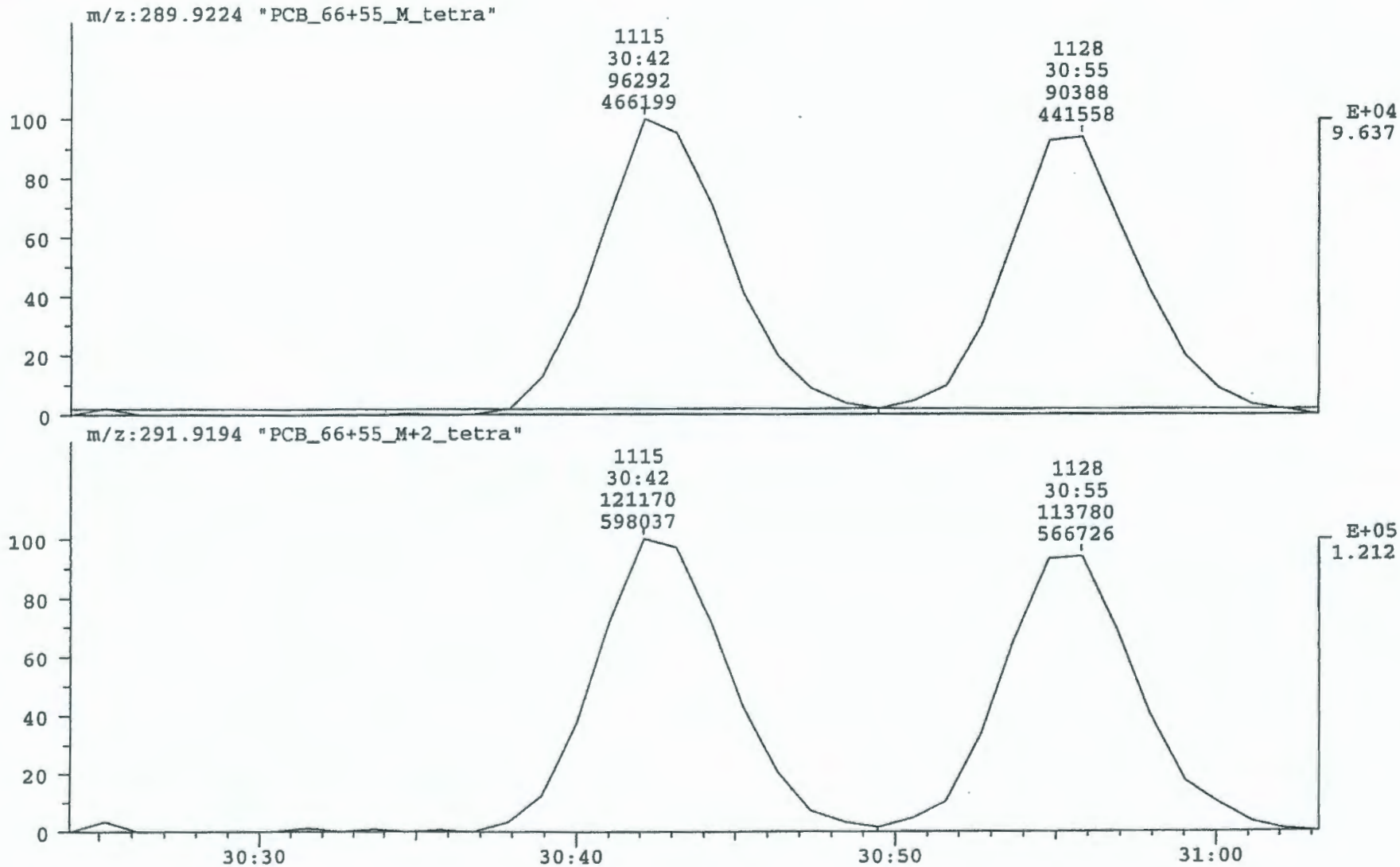
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  28:46      1006
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   976 > 1021           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



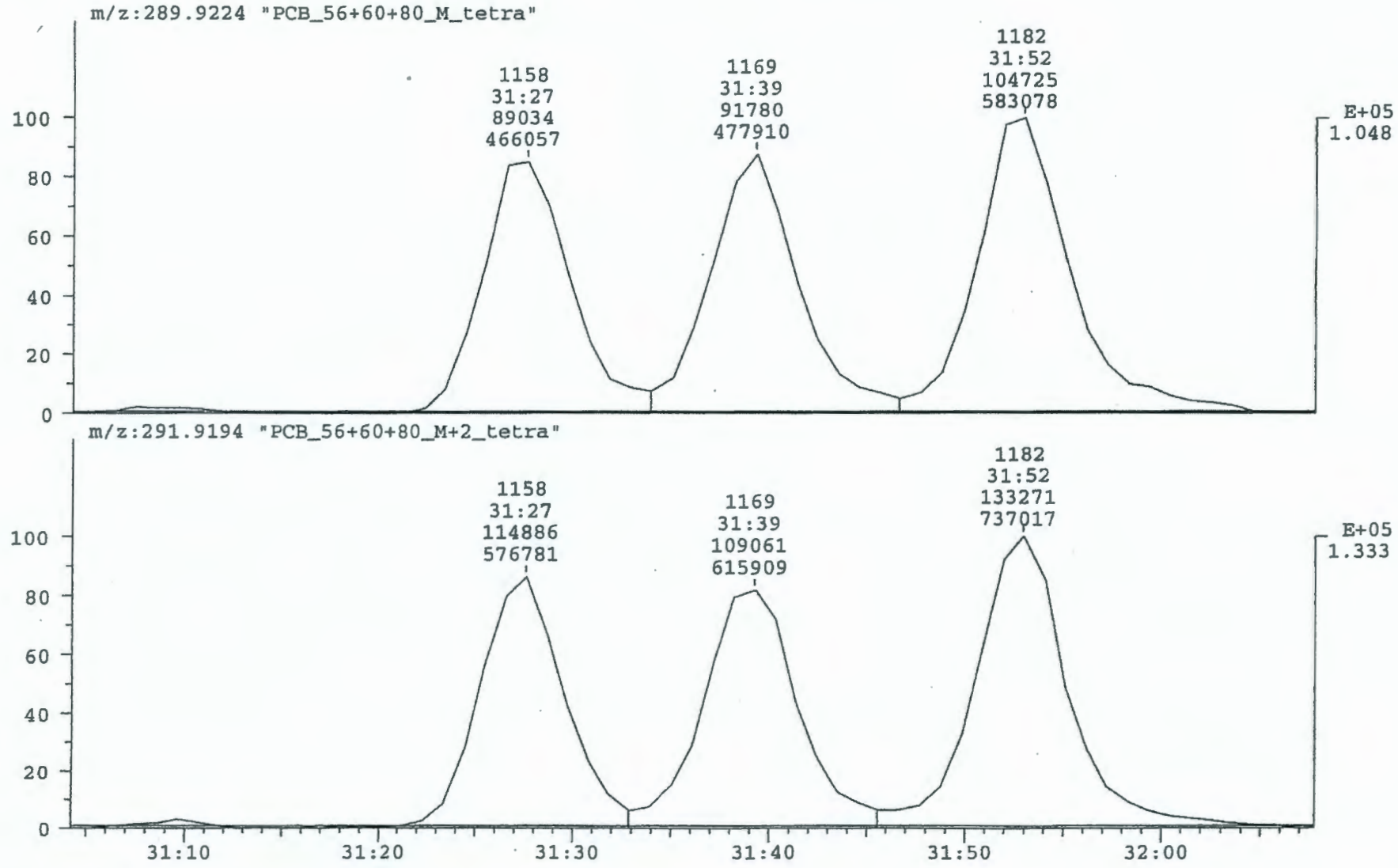
CHRO: apj7c1tc 28-Sep-07 Elapse: 29:53 1069
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 1022 > 1106 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  30:50      1123
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1098 > 1135          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

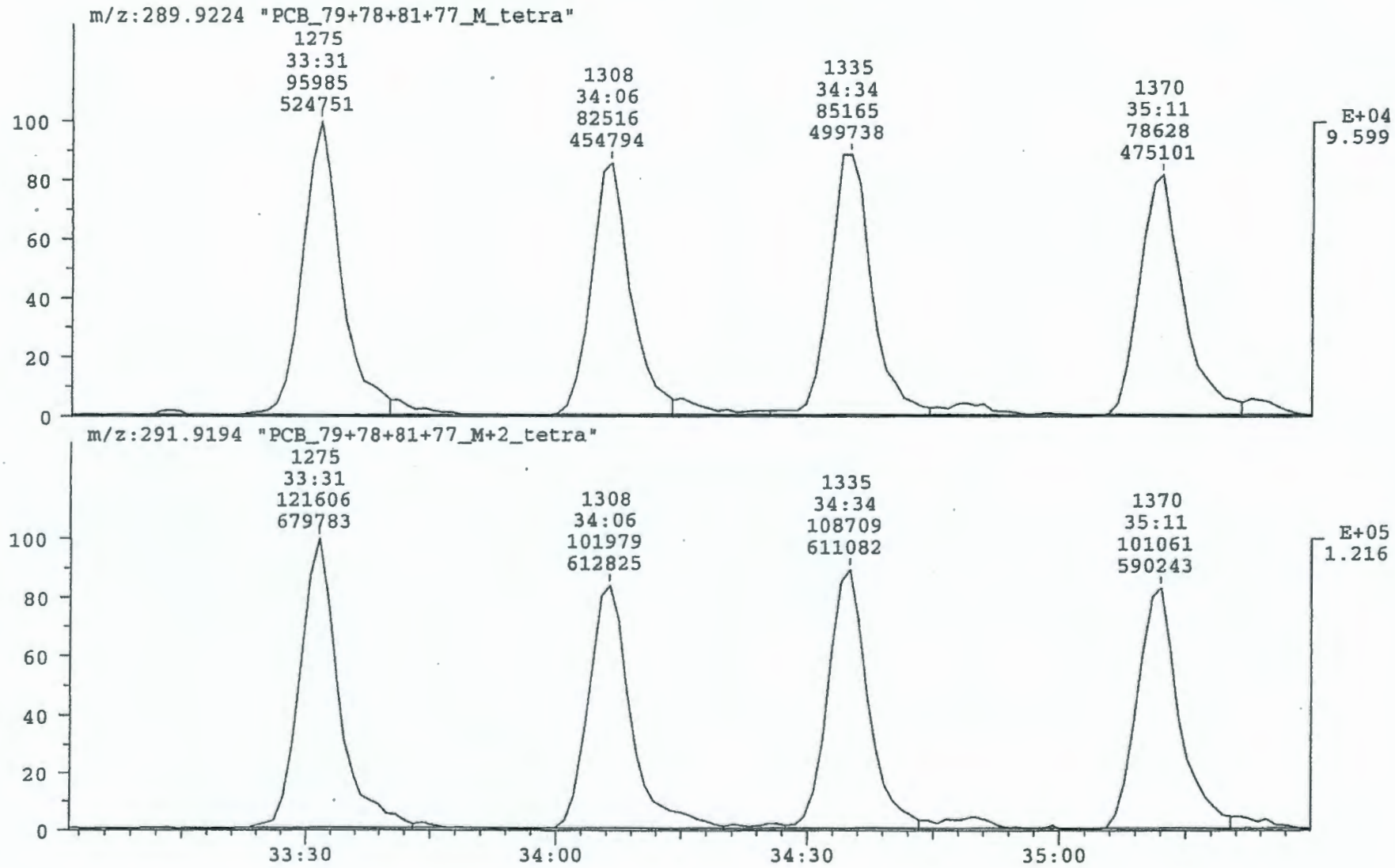


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  31:41      1171
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1136 > 1196           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



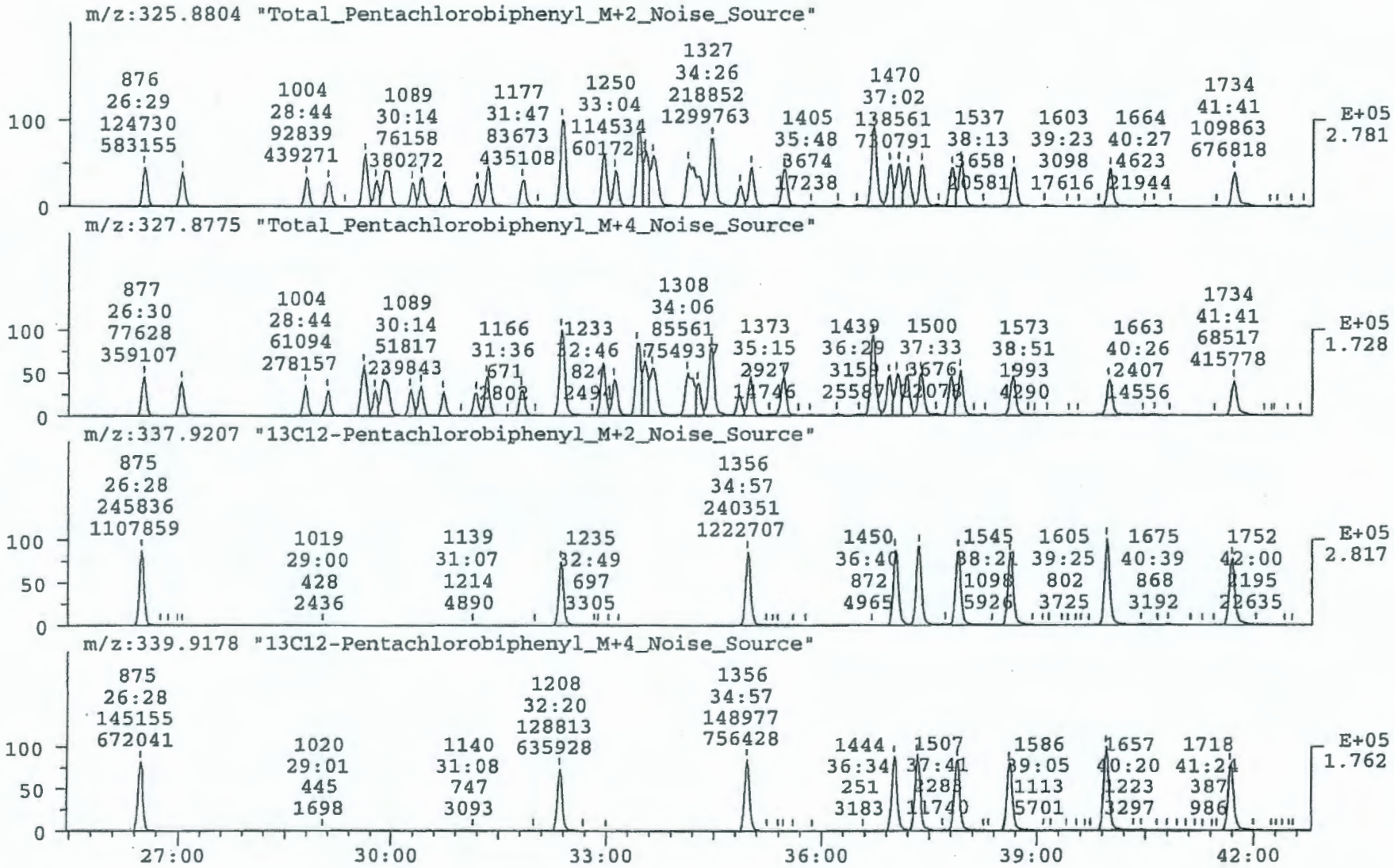
2606

```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  34:10      1312
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1247 > 1387         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```

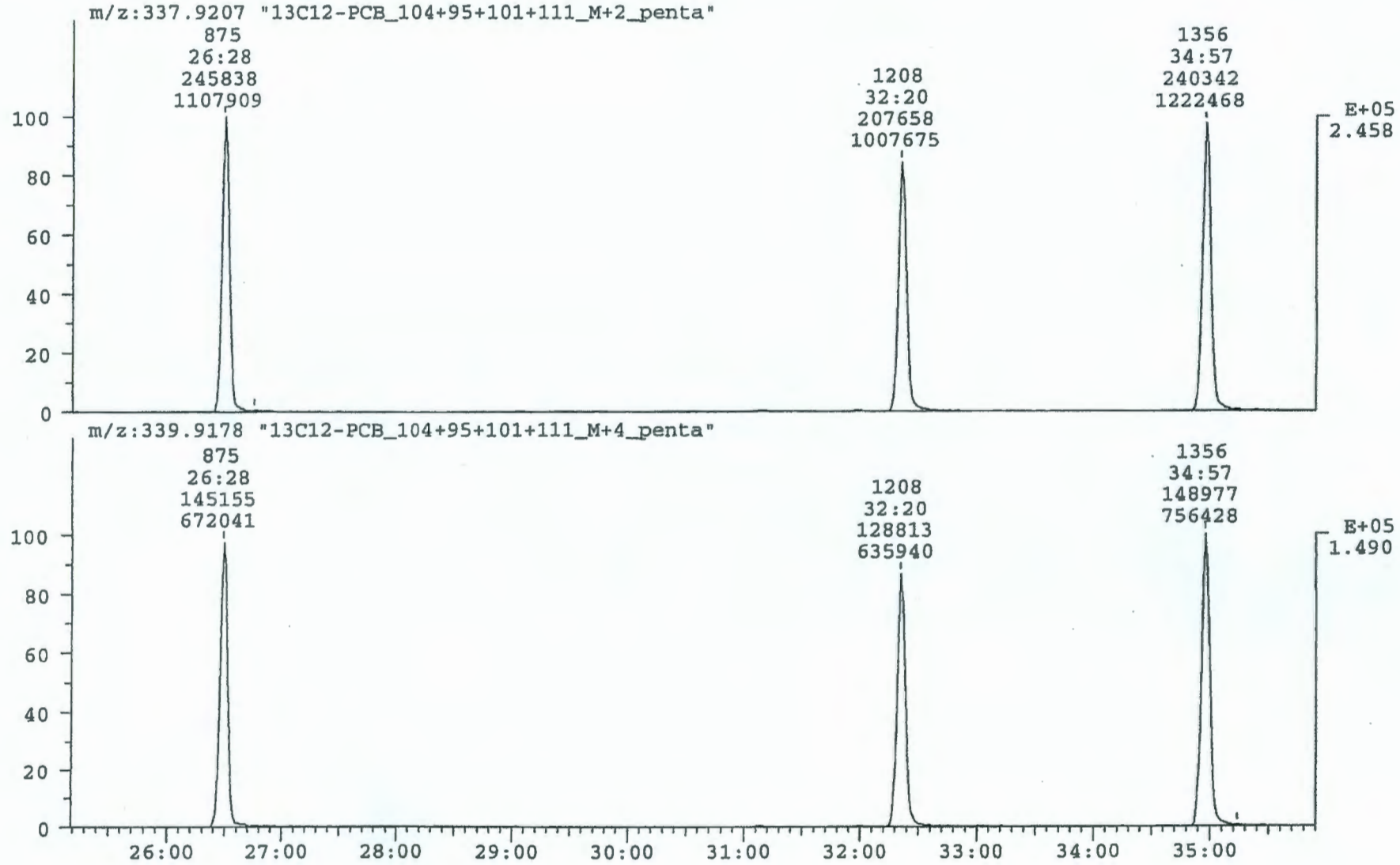


2607

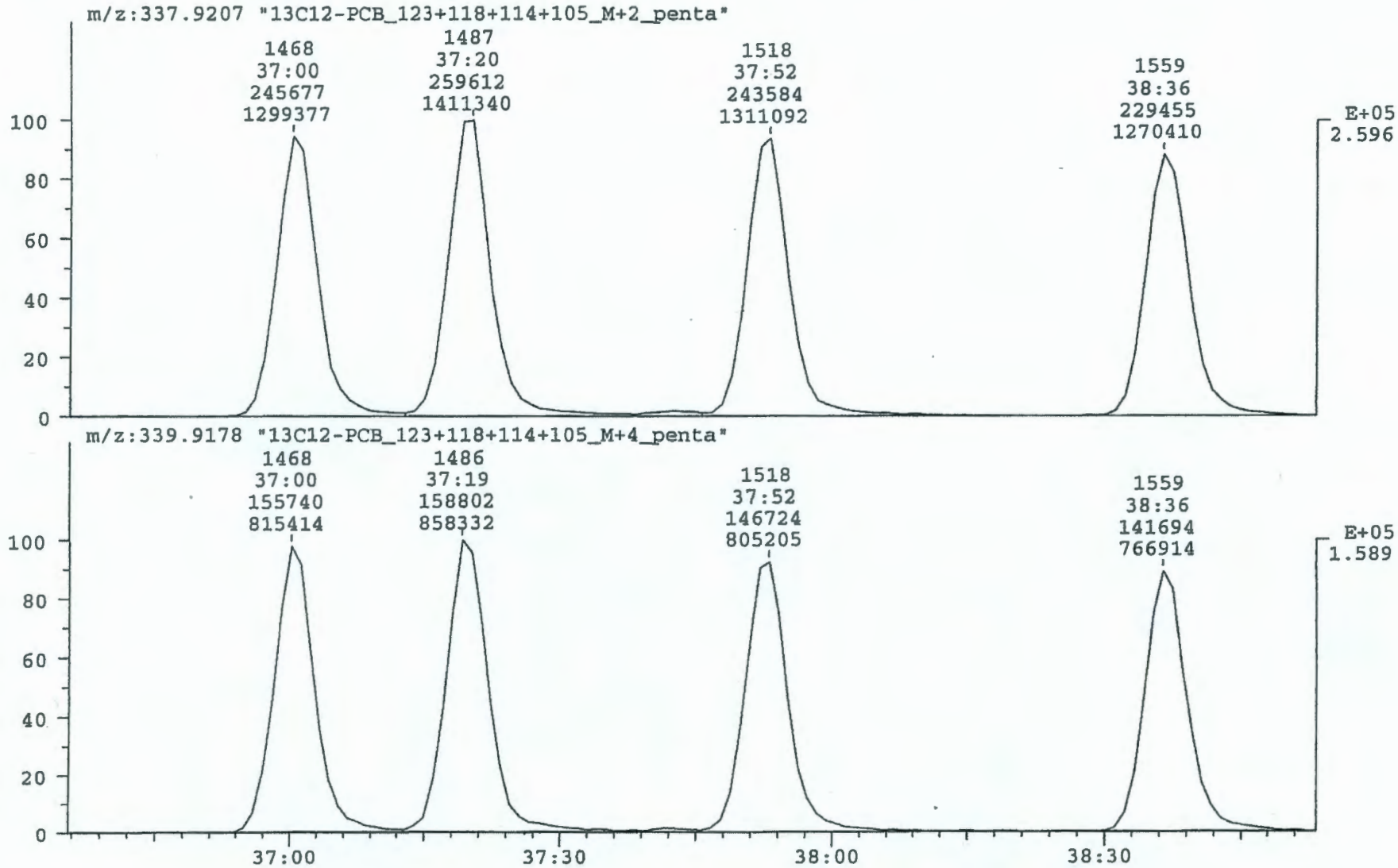
CHRO: apj7c1tc 28-Sep-07 Elapse: 34:08 1310
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 818 > 1797 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  30:31      1105
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   802 > 1410          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

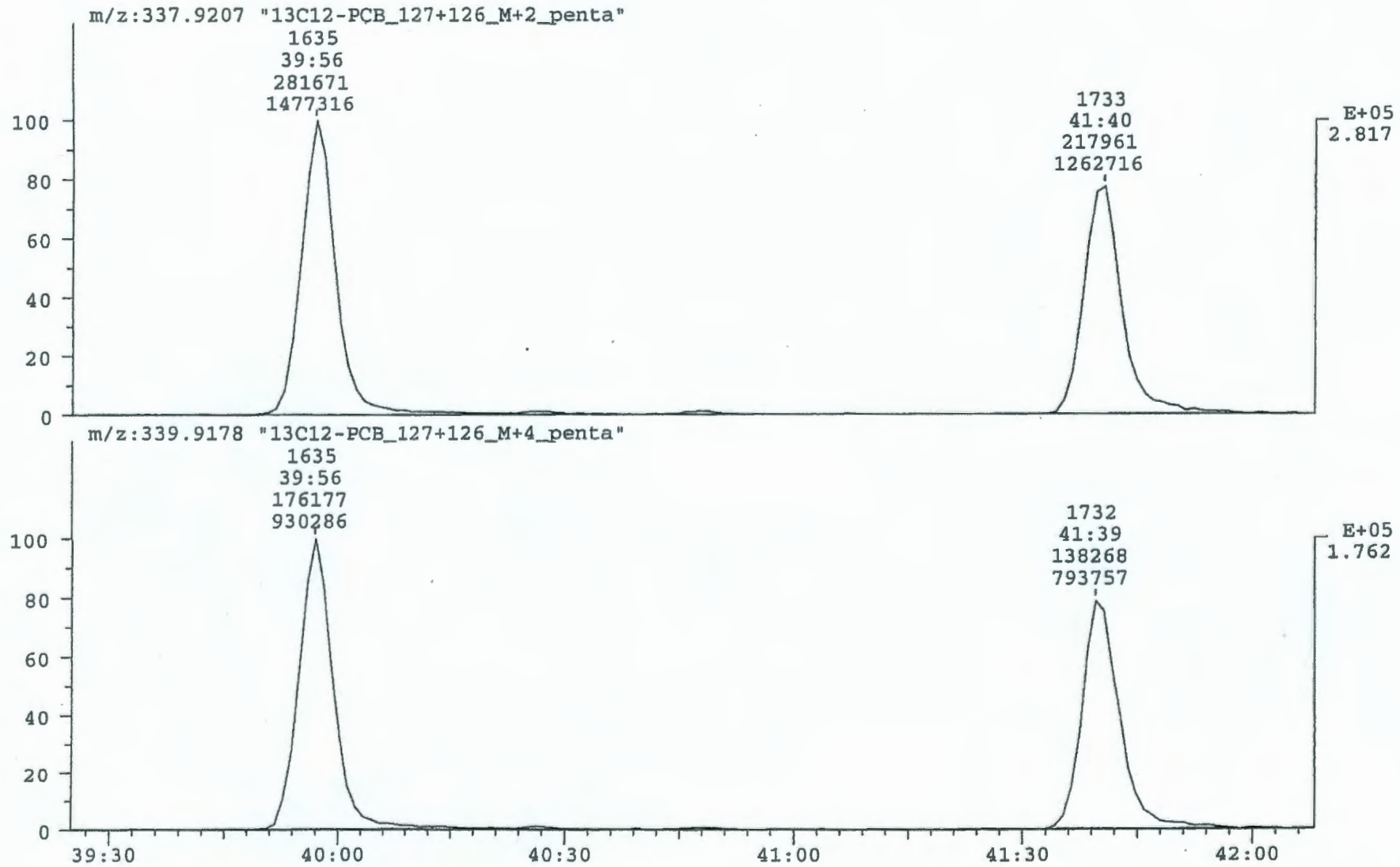


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  37:49      1515
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP           Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1445 > 1575           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

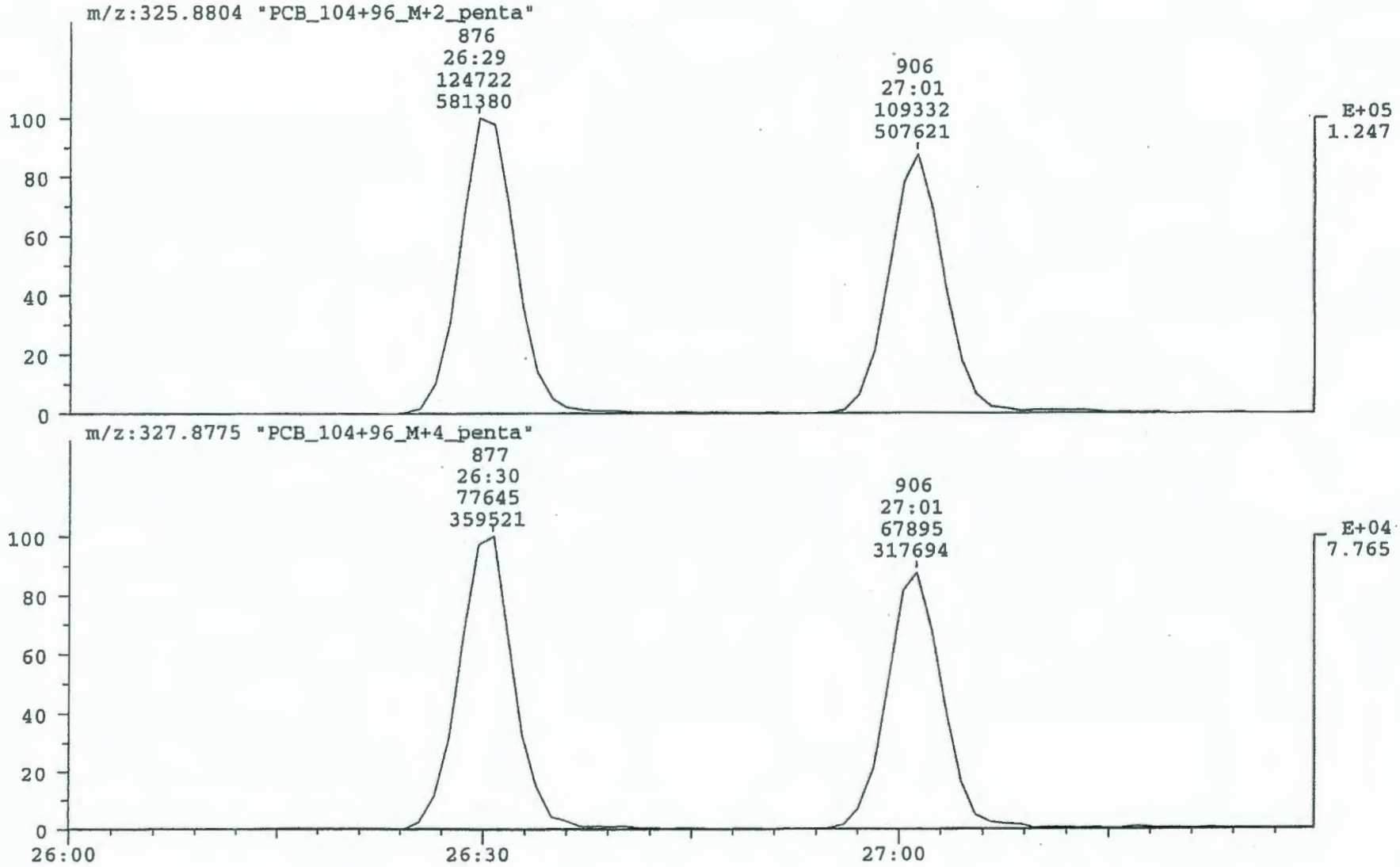


2610

```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  40:49      1685
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1605 > 1759          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

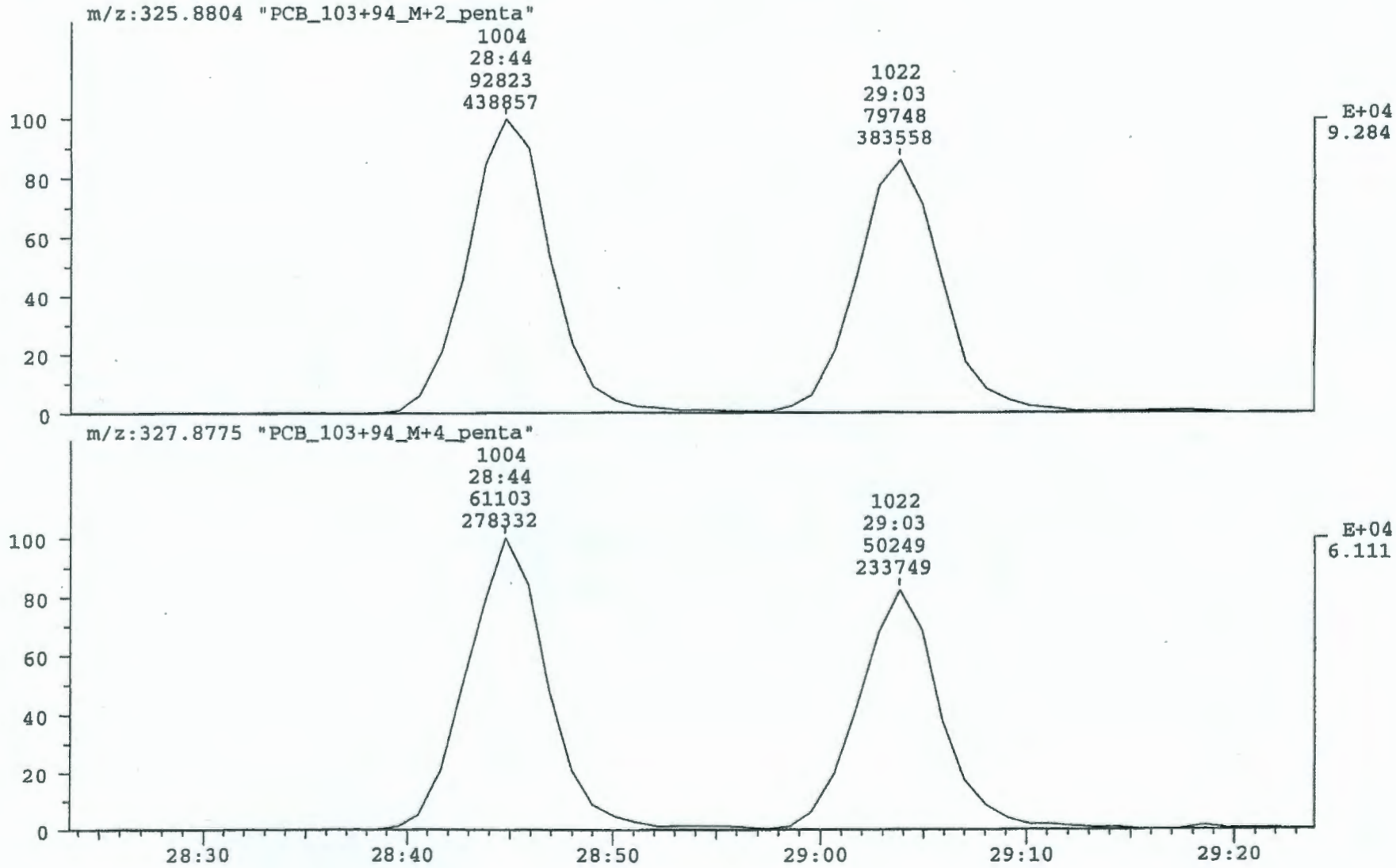


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  26:47.5      893
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47    2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   848 > 933            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

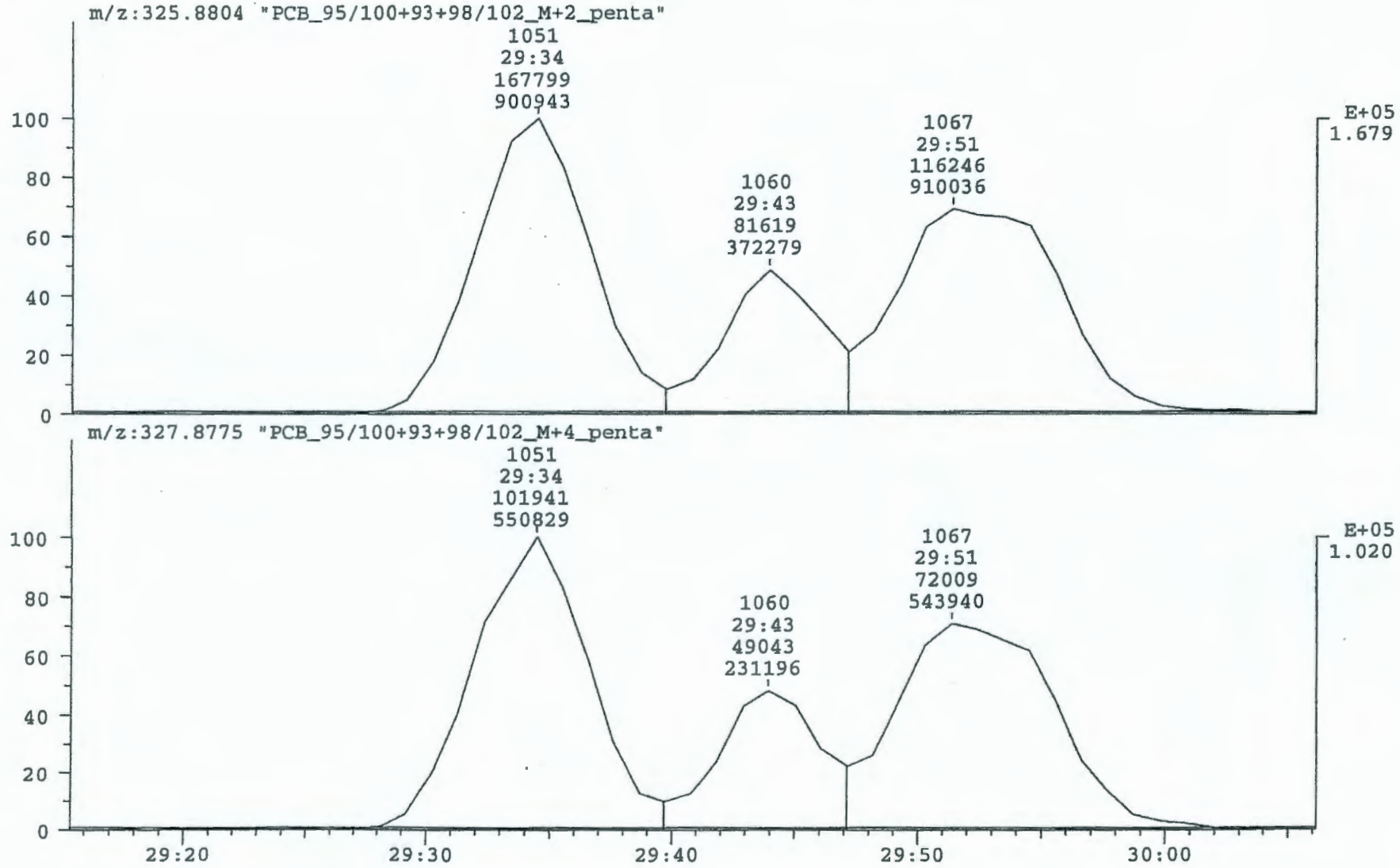


2612

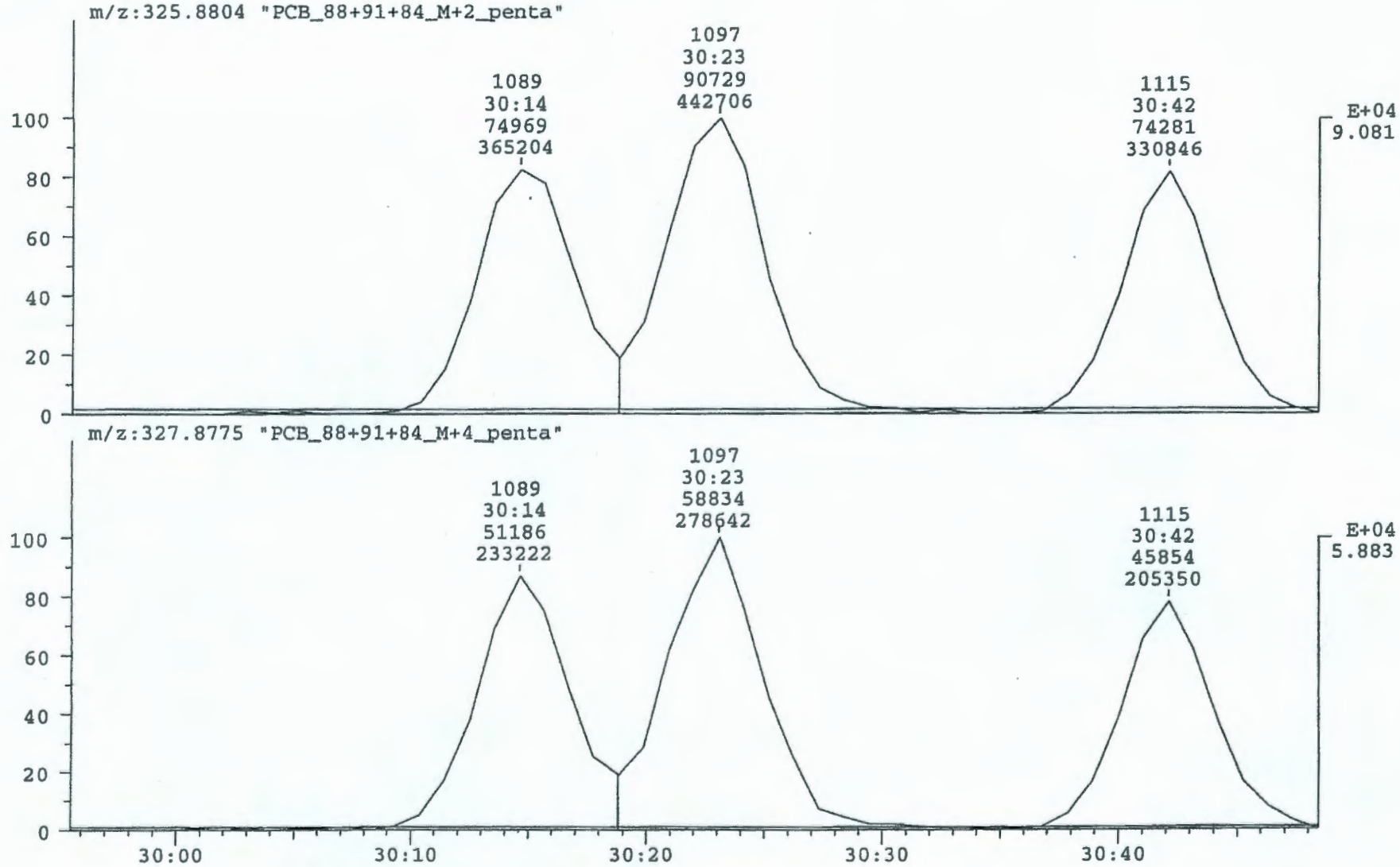
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  28:58      1017
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   .2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   984 > 1041           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



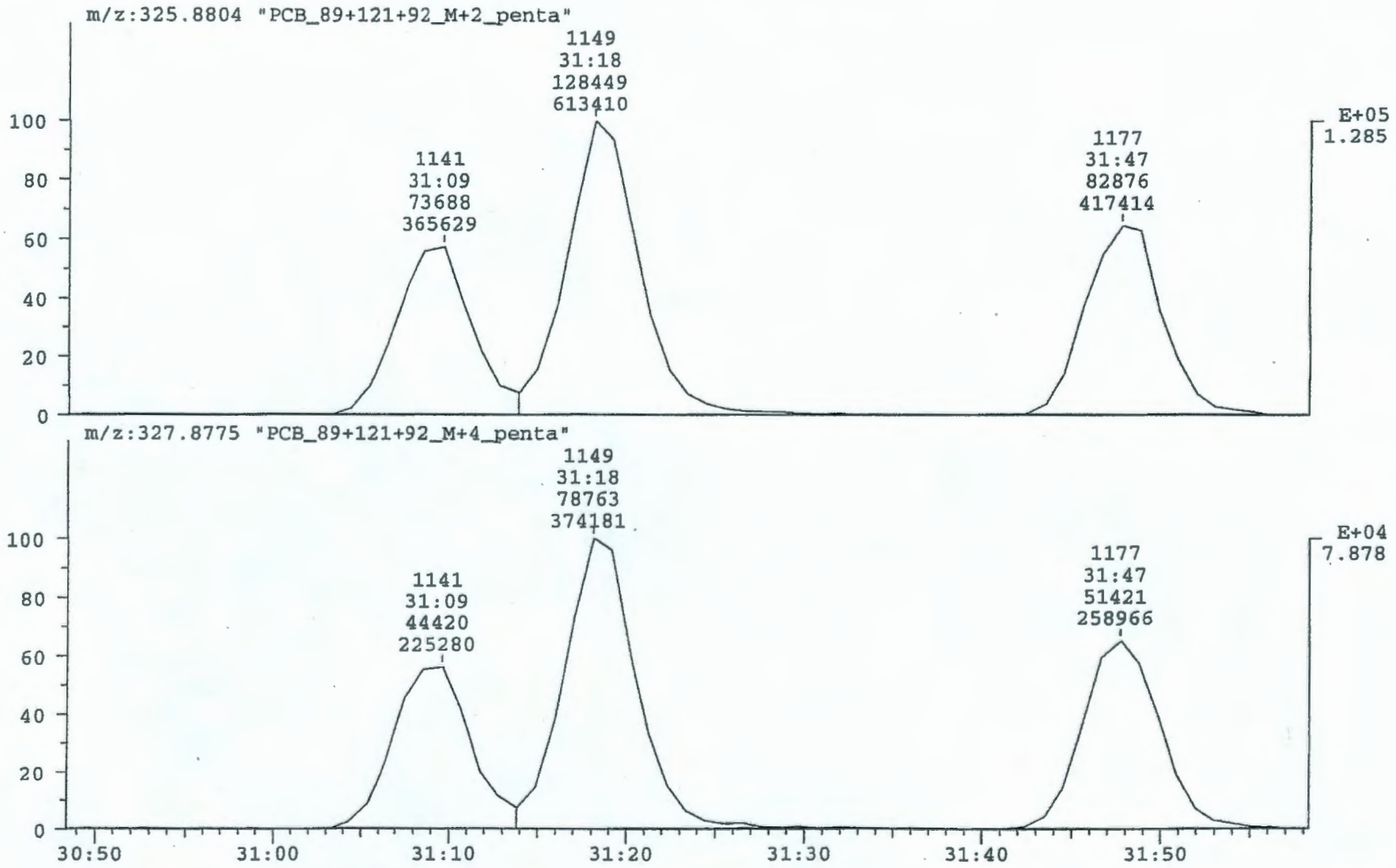
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  29:43      1060
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1033 > 1081         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4               Label :  -3, 3.0
Disp:  Height  Area
```



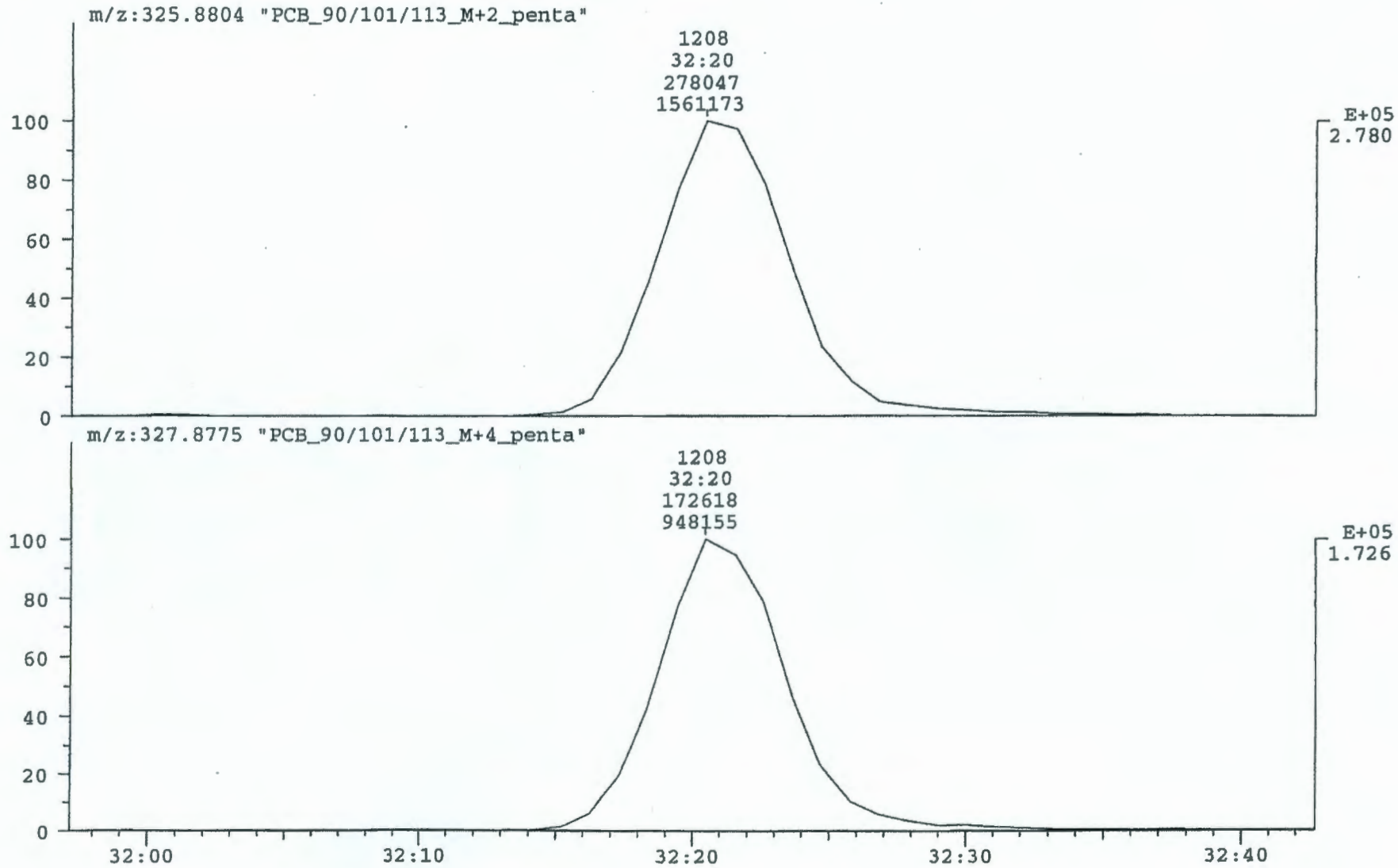
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  30:30      1104
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1071 > 1121         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```



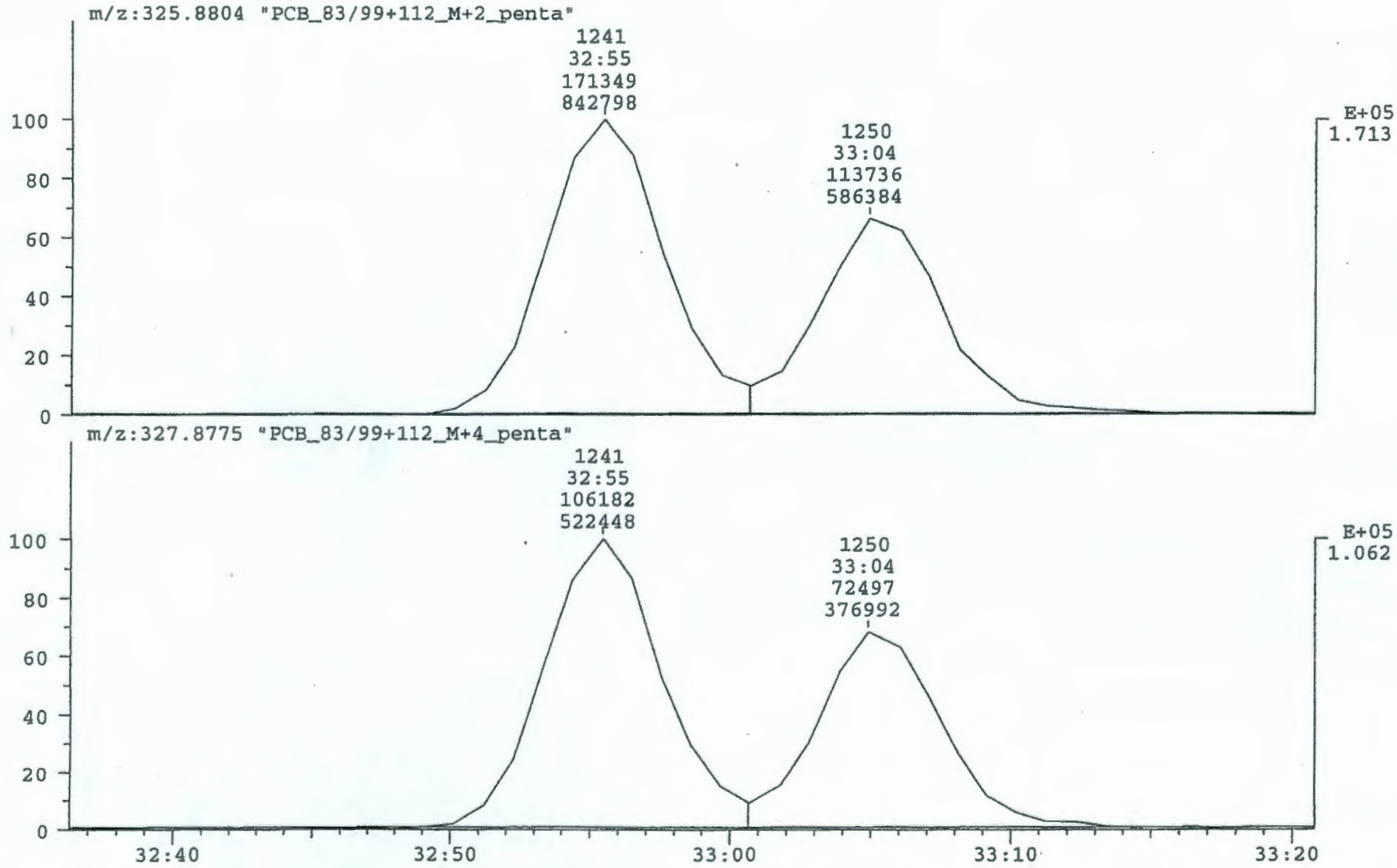
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  31:30      1161
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1121 > 1187         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



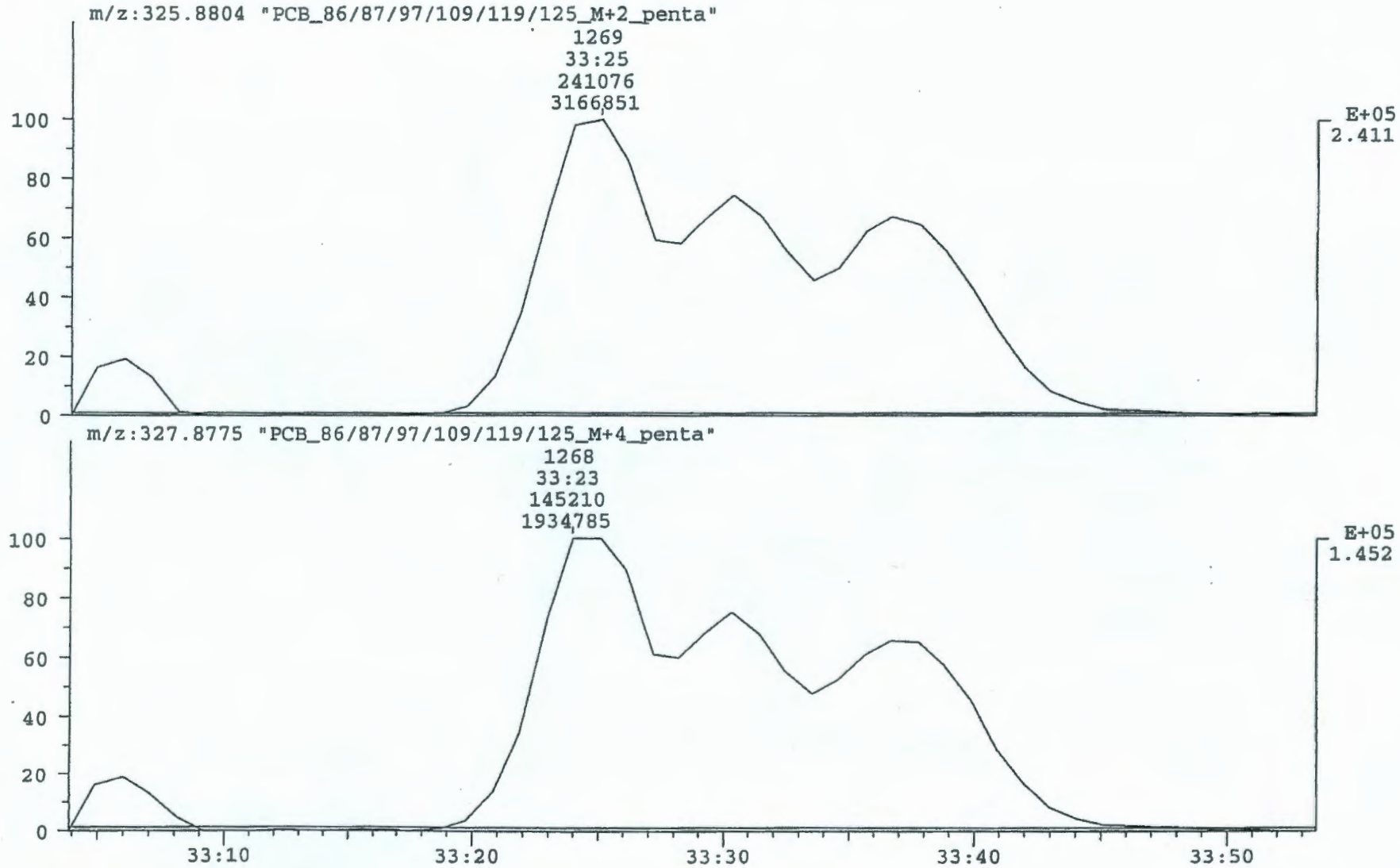
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  32:21      1209
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1186 > 1229          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



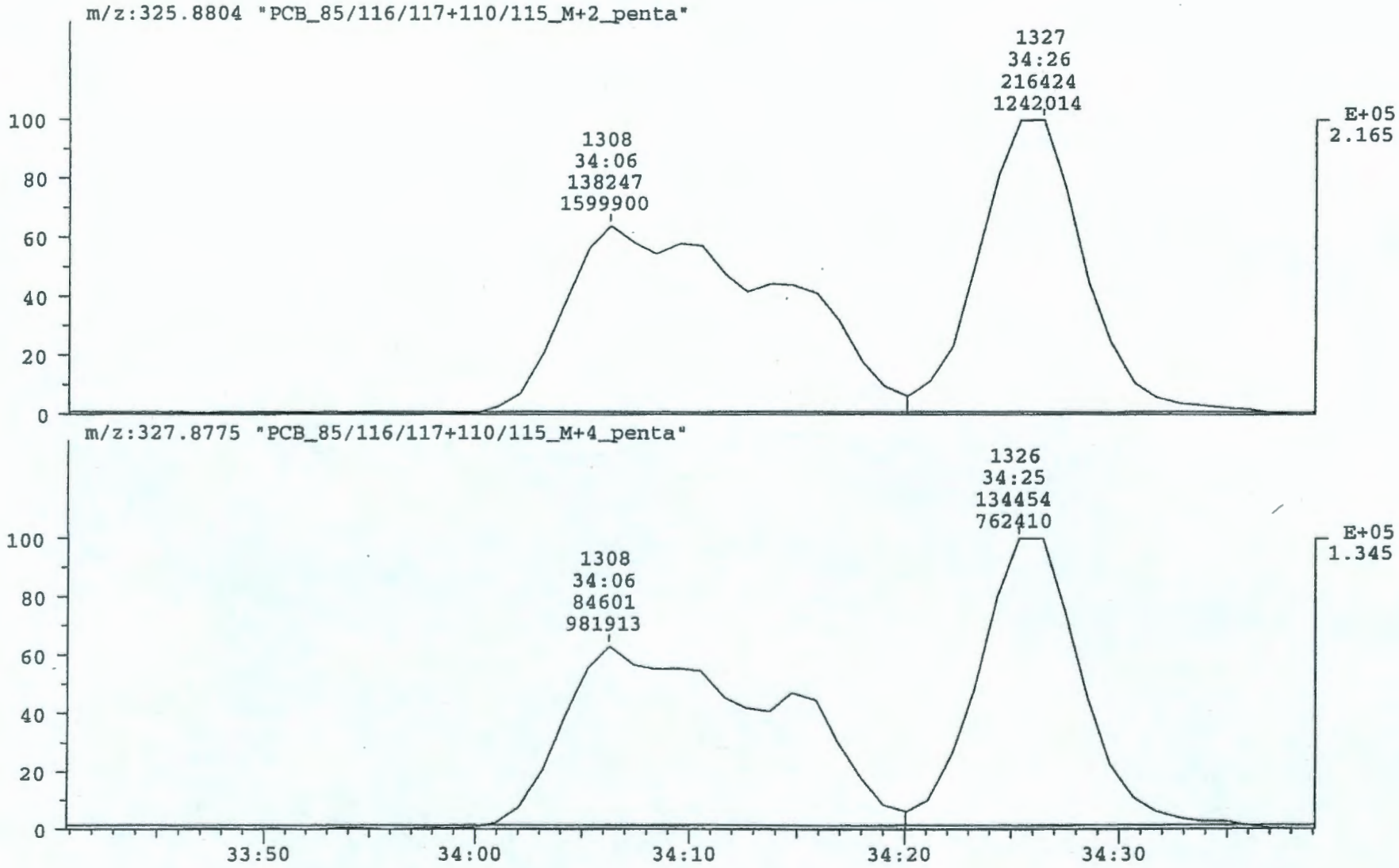
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  33:02      1248
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1223 > 1265          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  33:35      1279
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1249 > 1296          Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```

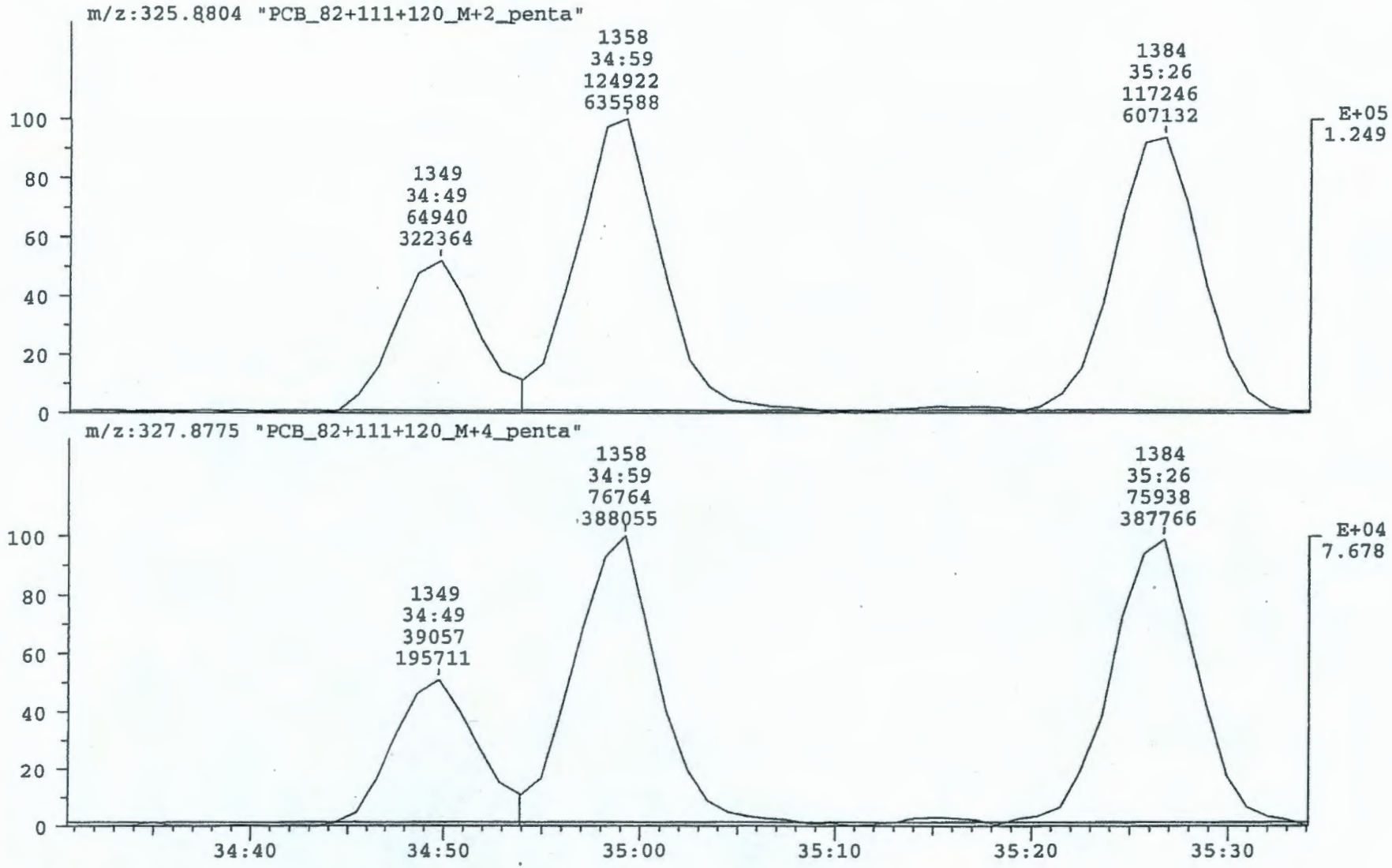


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  34:23      1324
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1284 > 1339           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 6                Label :  -3, 3.0
Disp:  Height  Area
```

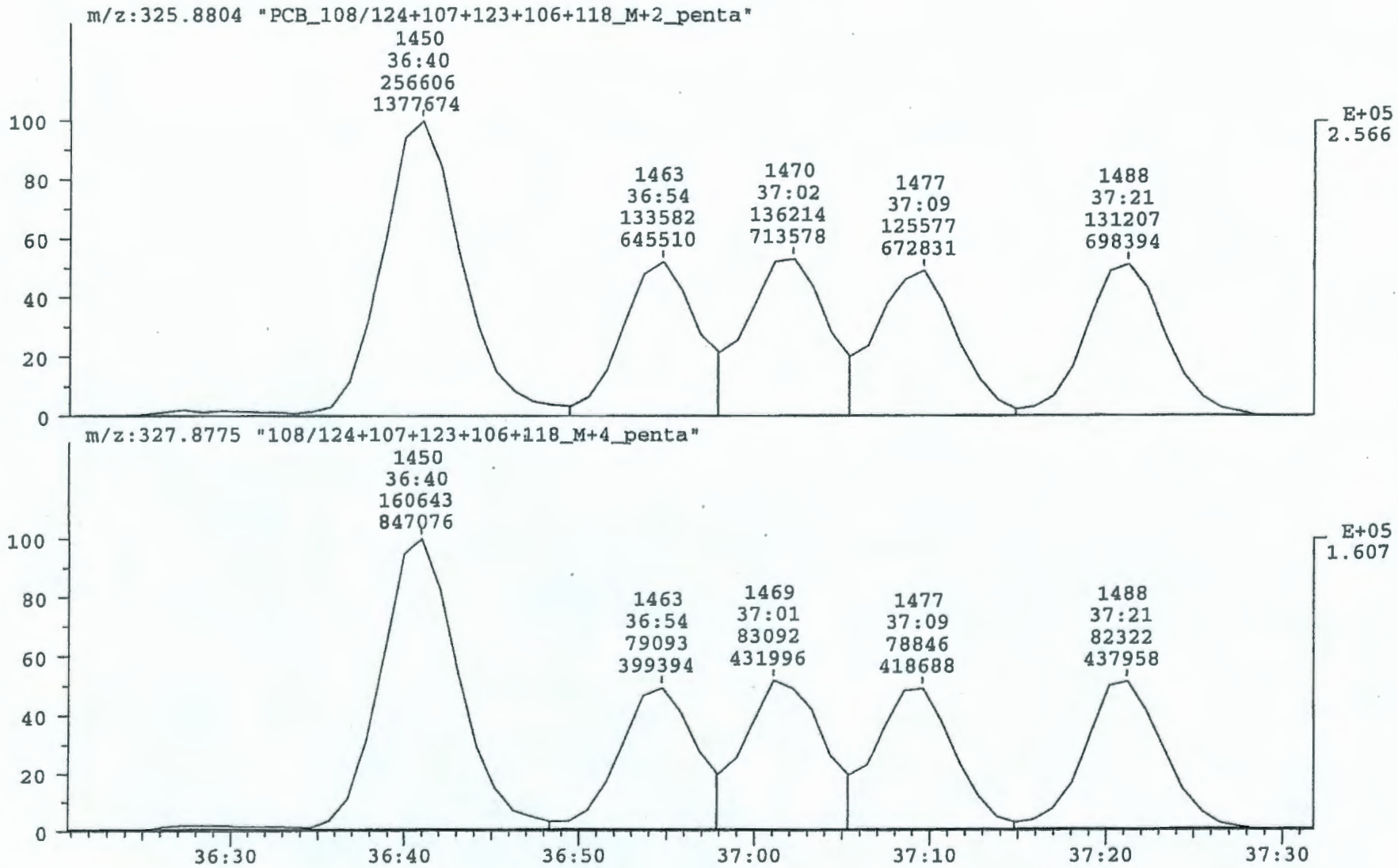


2620

```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  34:51      1351
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1331 > 1391         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```

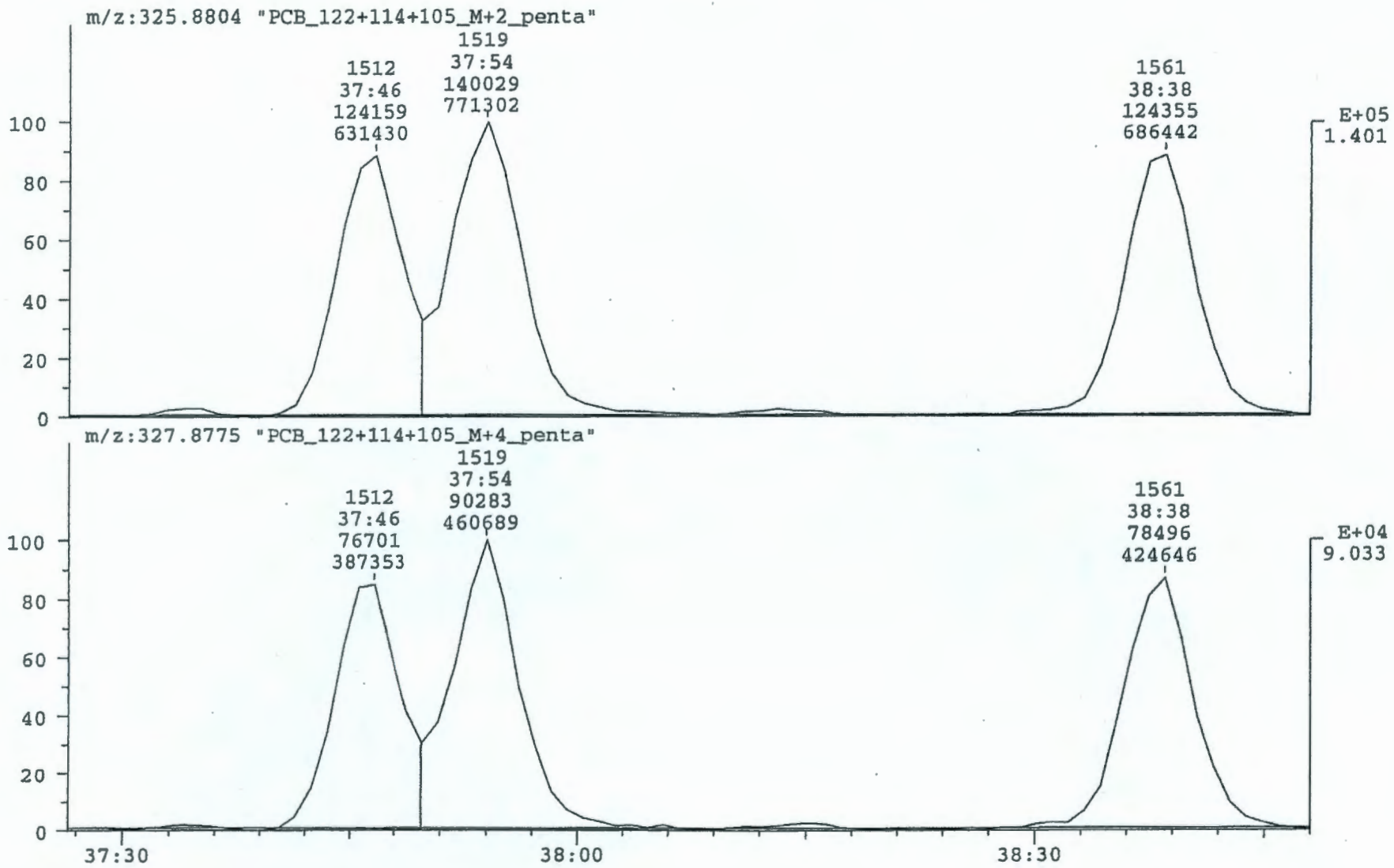


```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  37:08      1476
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1431 > 1498          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



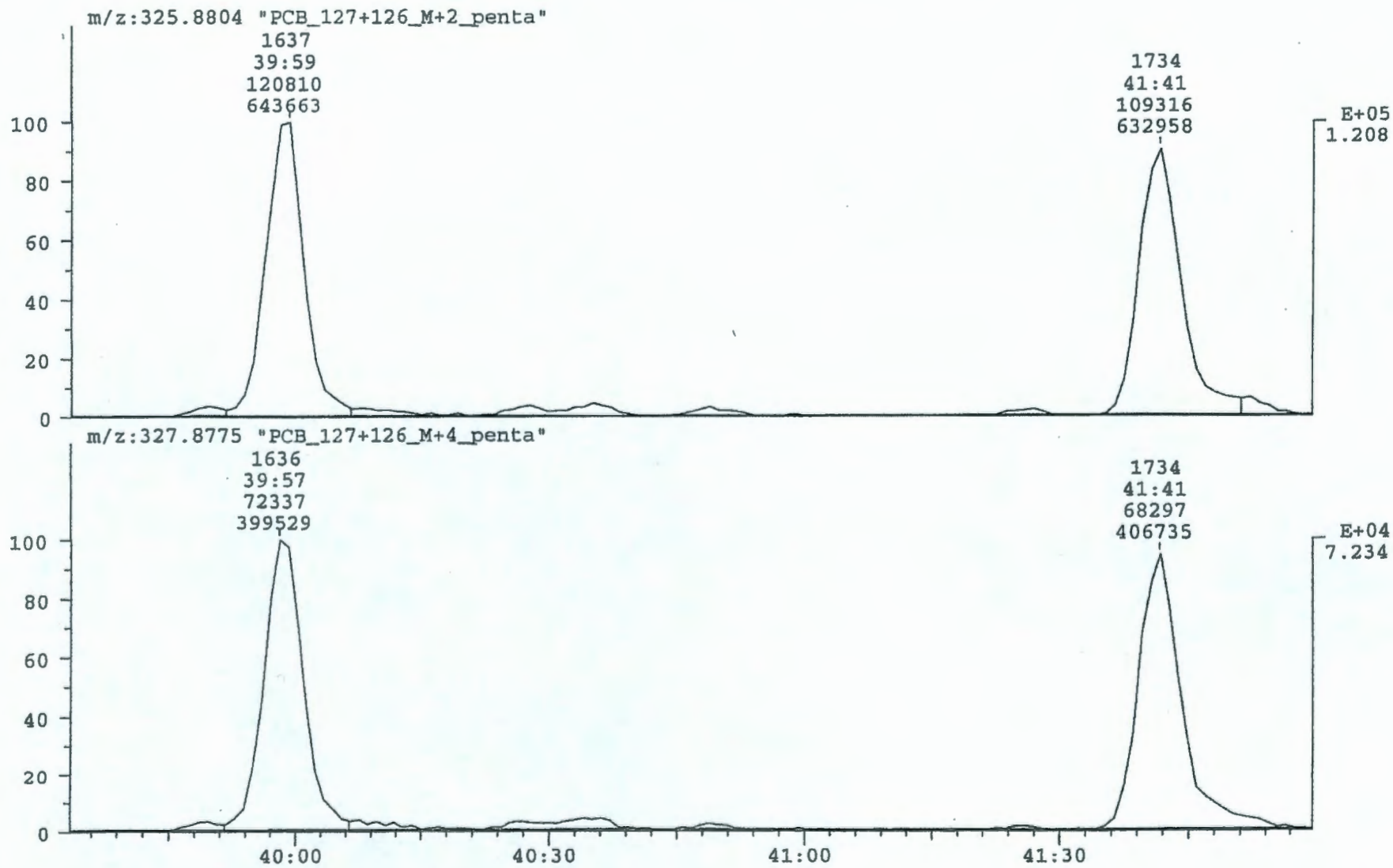
2622

```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  38:14      1538
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1493 > 1570          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

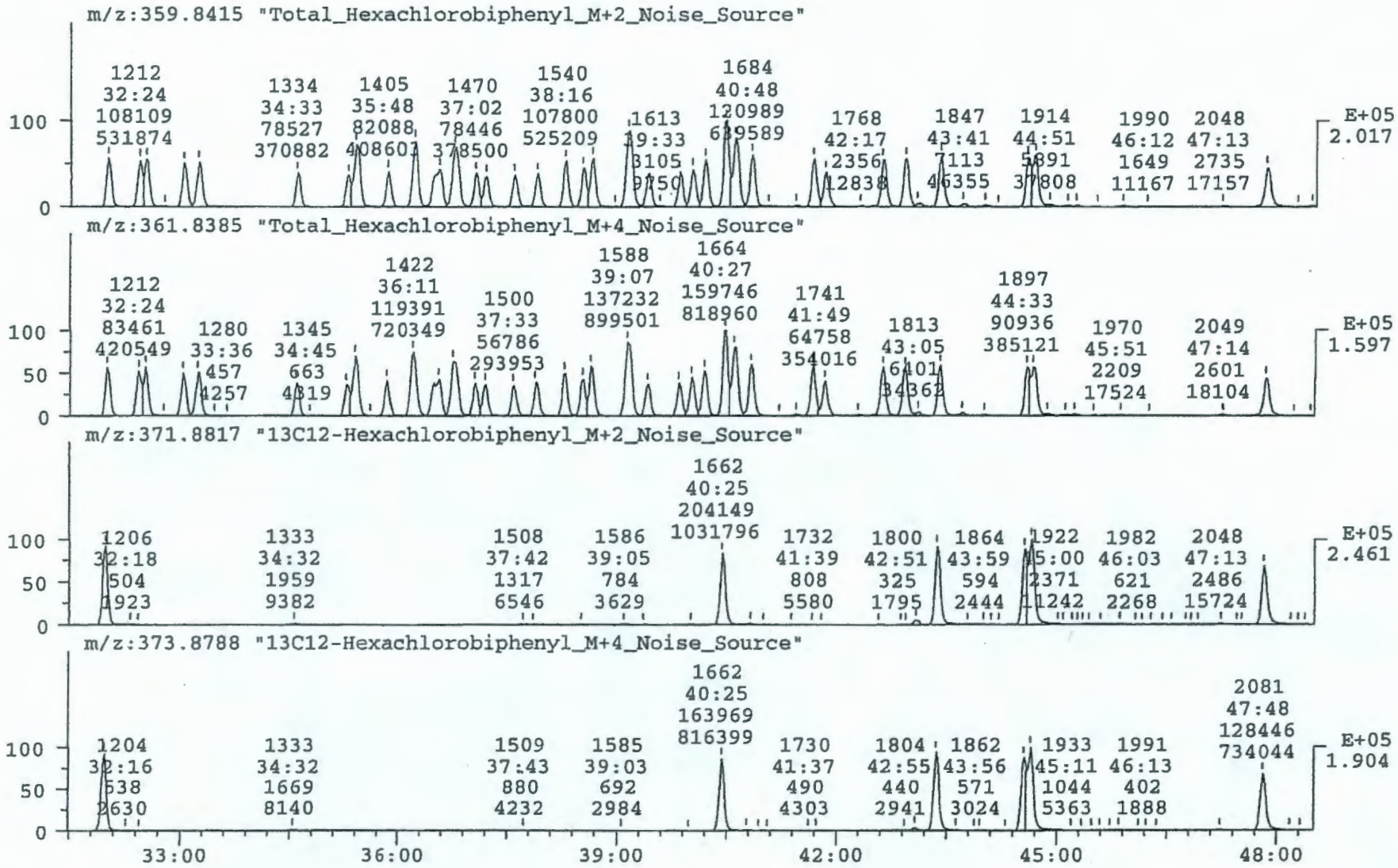


2623

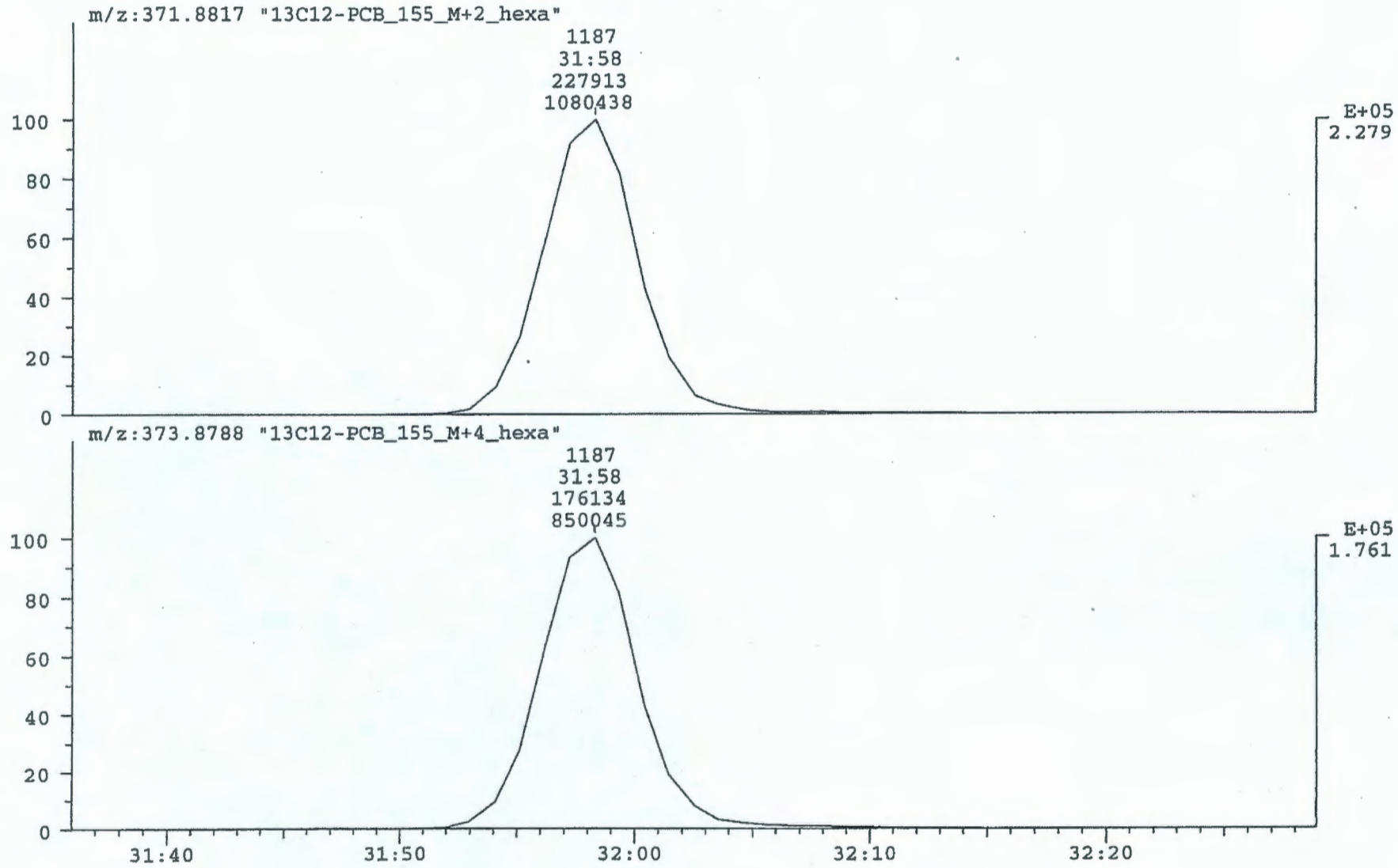
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  40:52      1688
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP           Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1613 > 1751           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



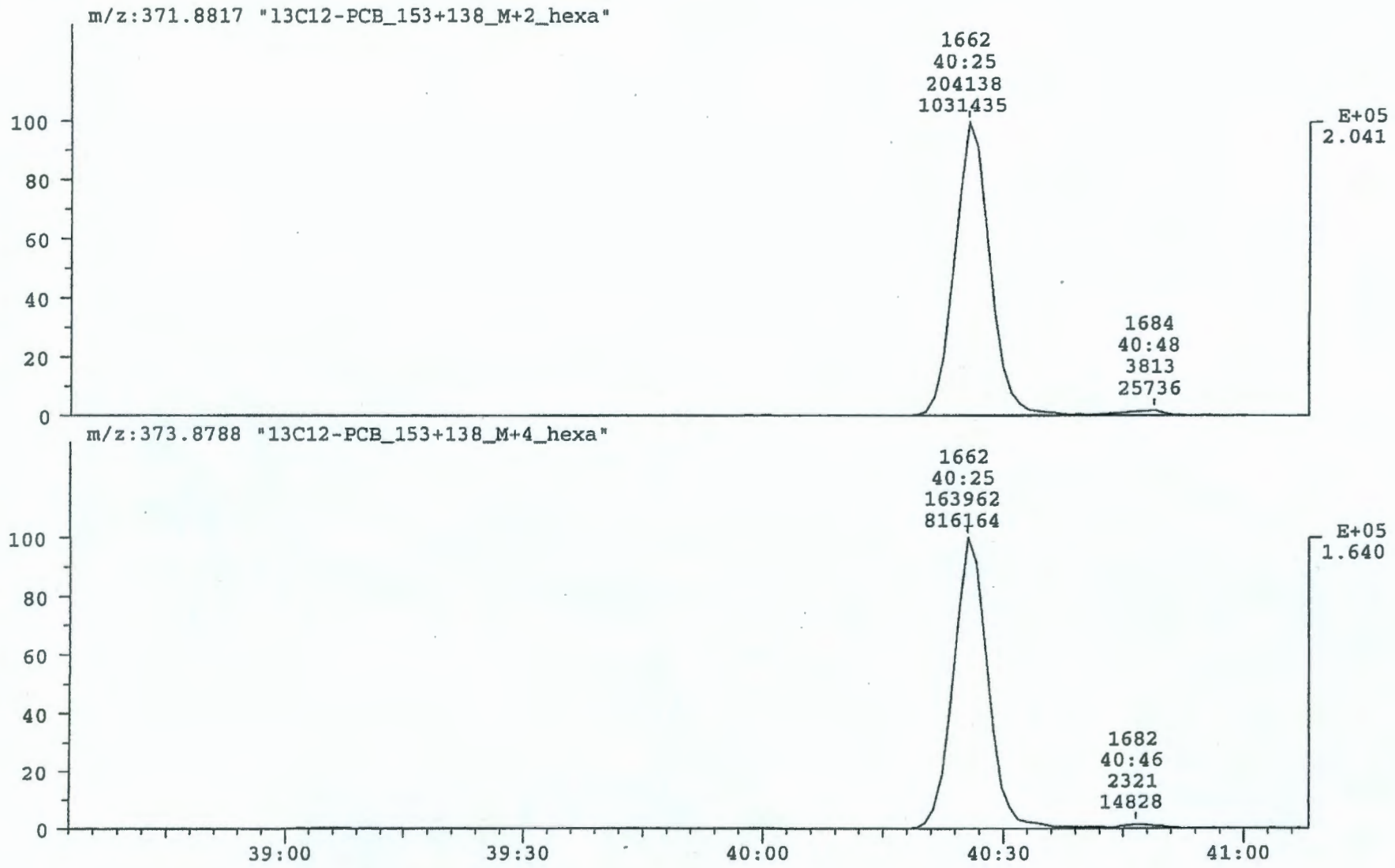
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  39:59      1637
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1159 > 2120          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  32:02      1191
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1166 > 1216         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

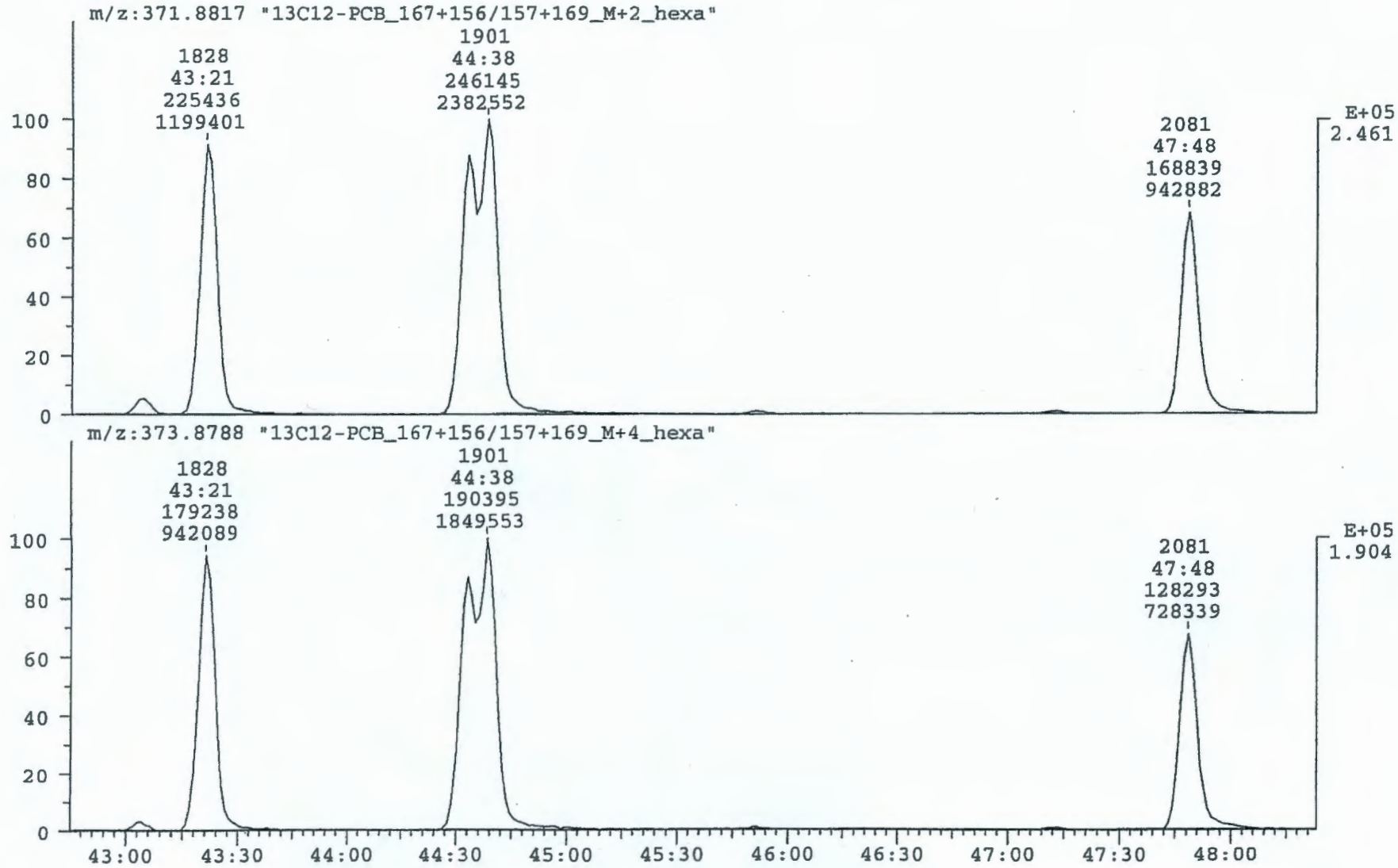


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  39:50      1629
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1556 > 1702           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

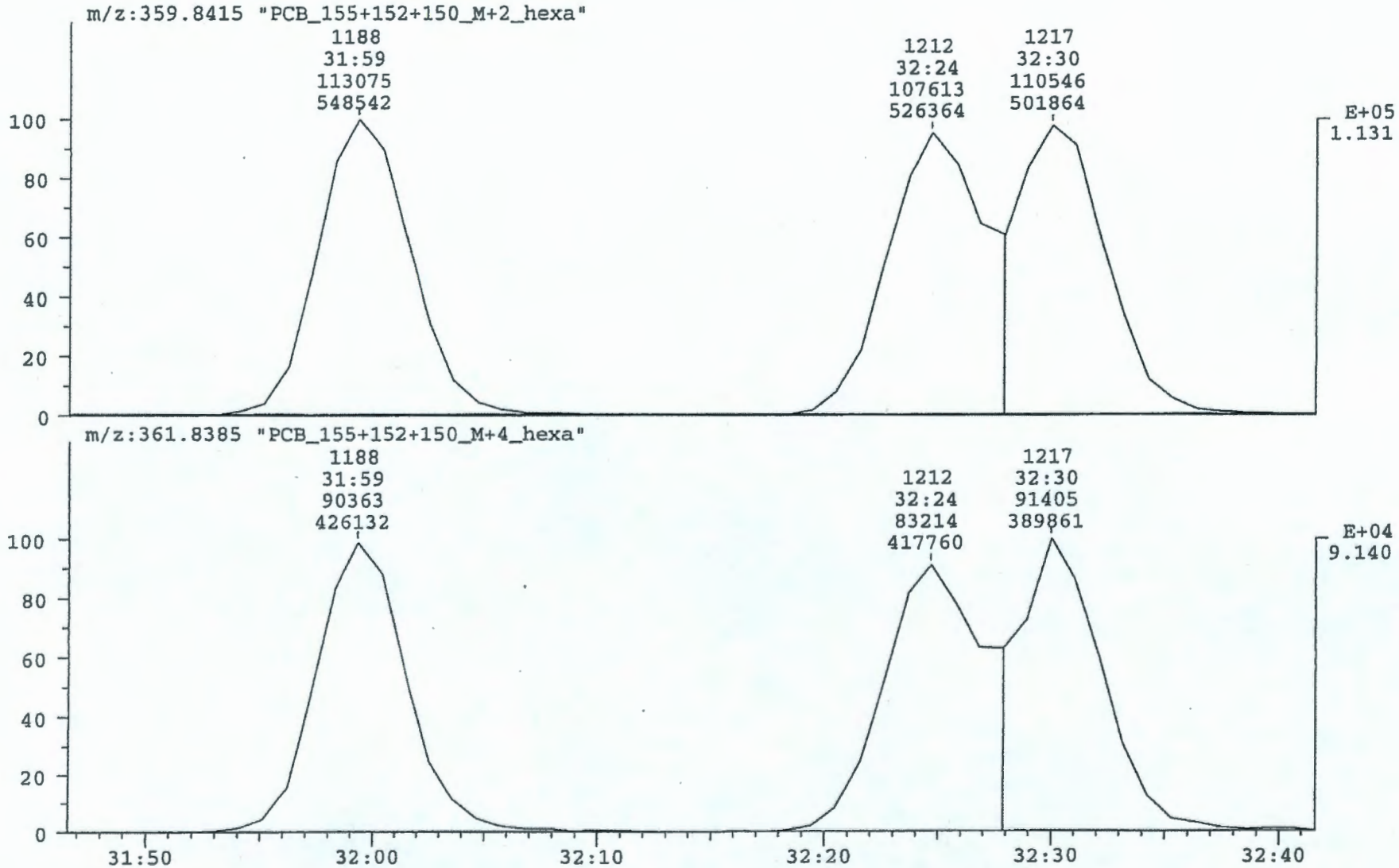


2627

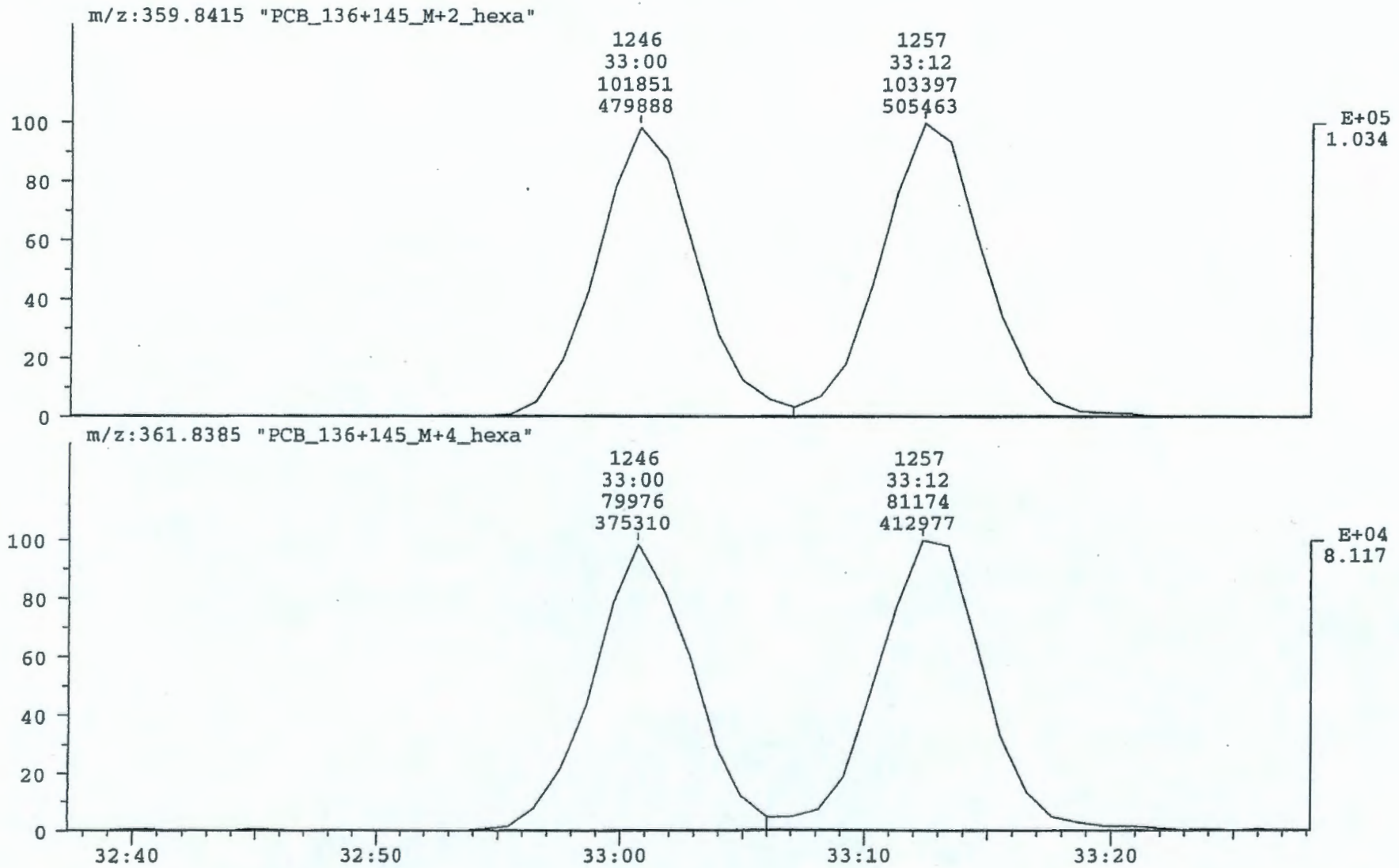
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  45:39      1959
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1794 > 2114          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```



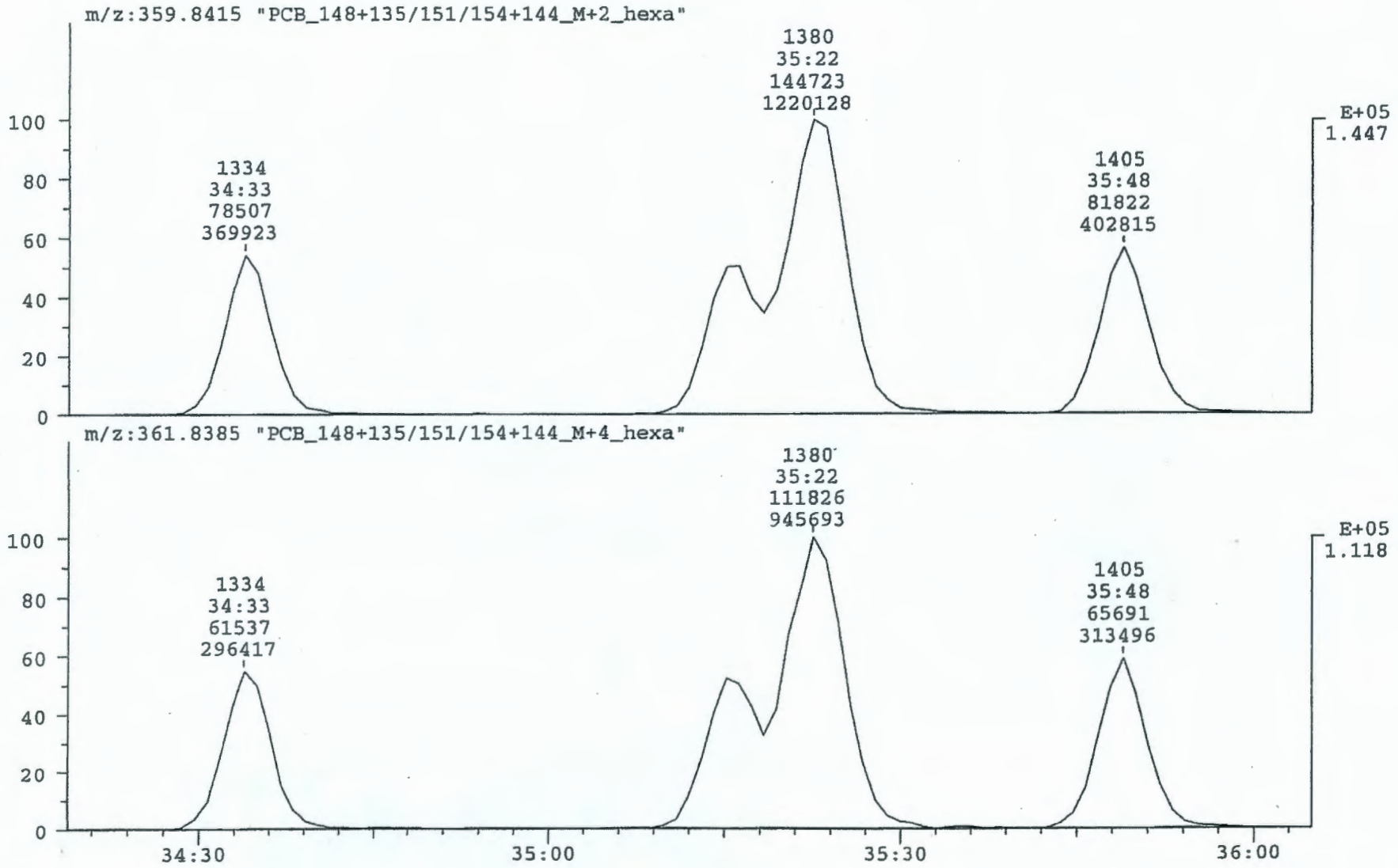
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  32:20      1208
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1176 > 1228         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



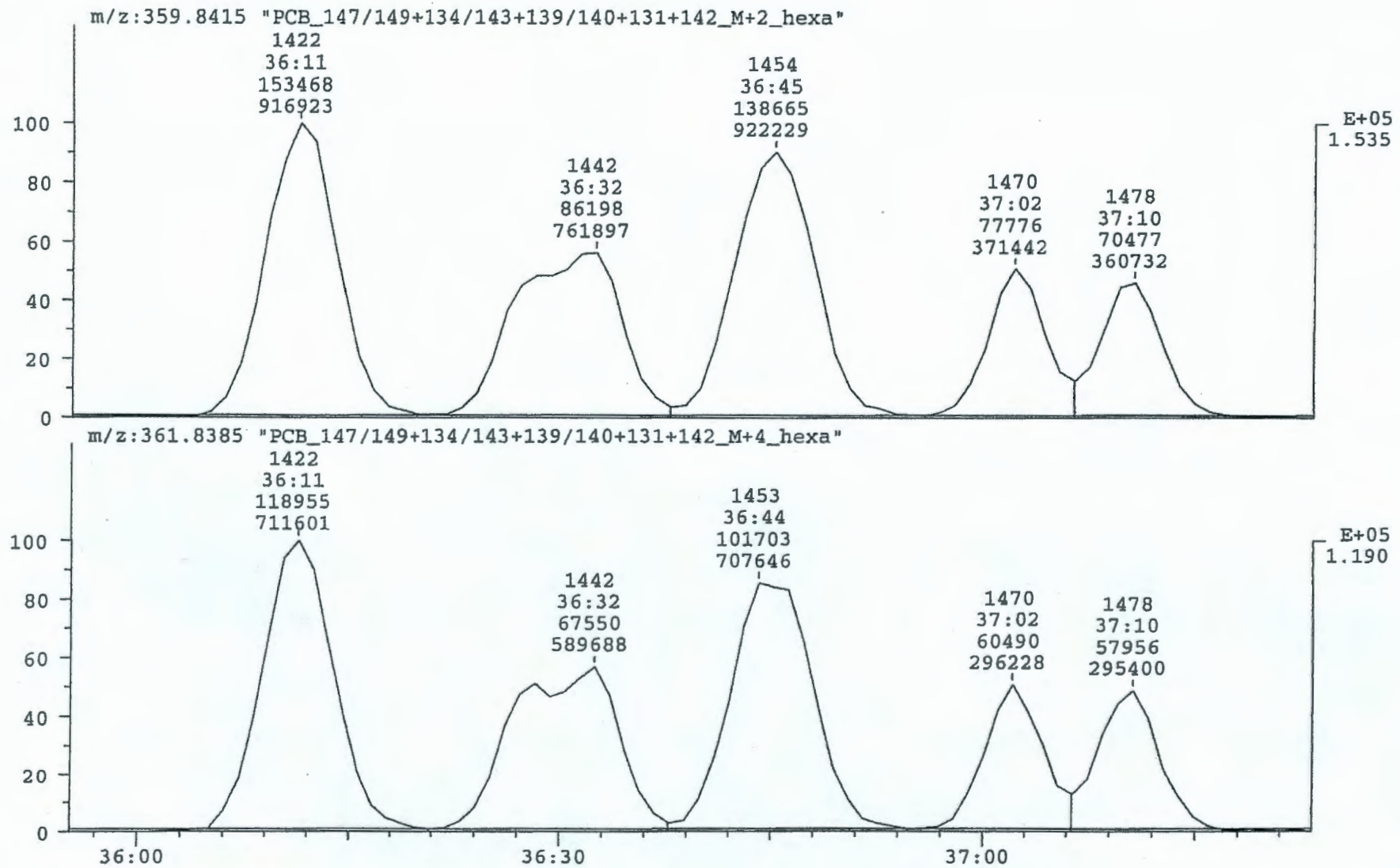
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  33:09      1254
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1224 > 1272          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



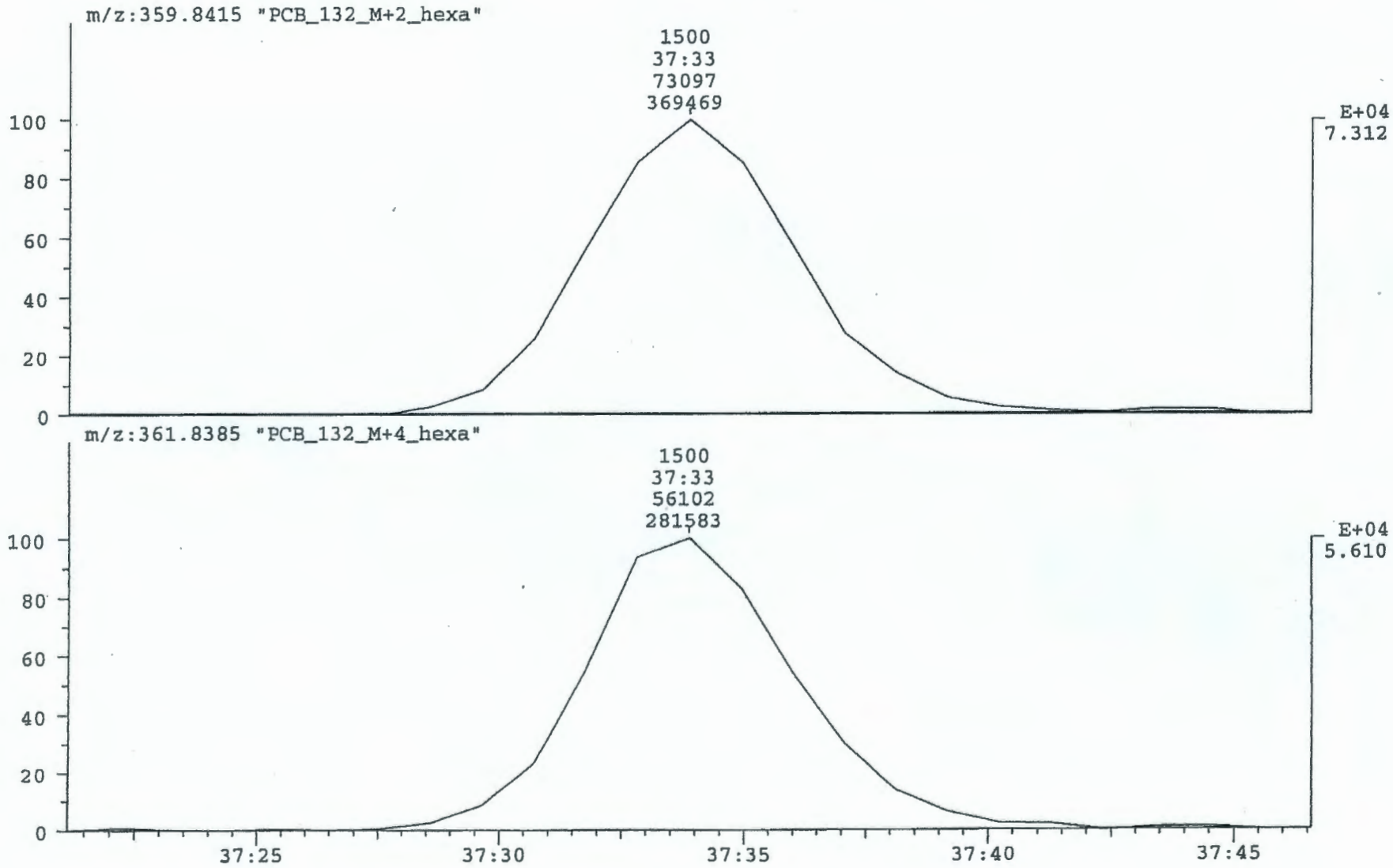
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  35:22      1380
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1320 > 1416          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 12              Label :  -3, 3.0
Disp:  Height  Area
```



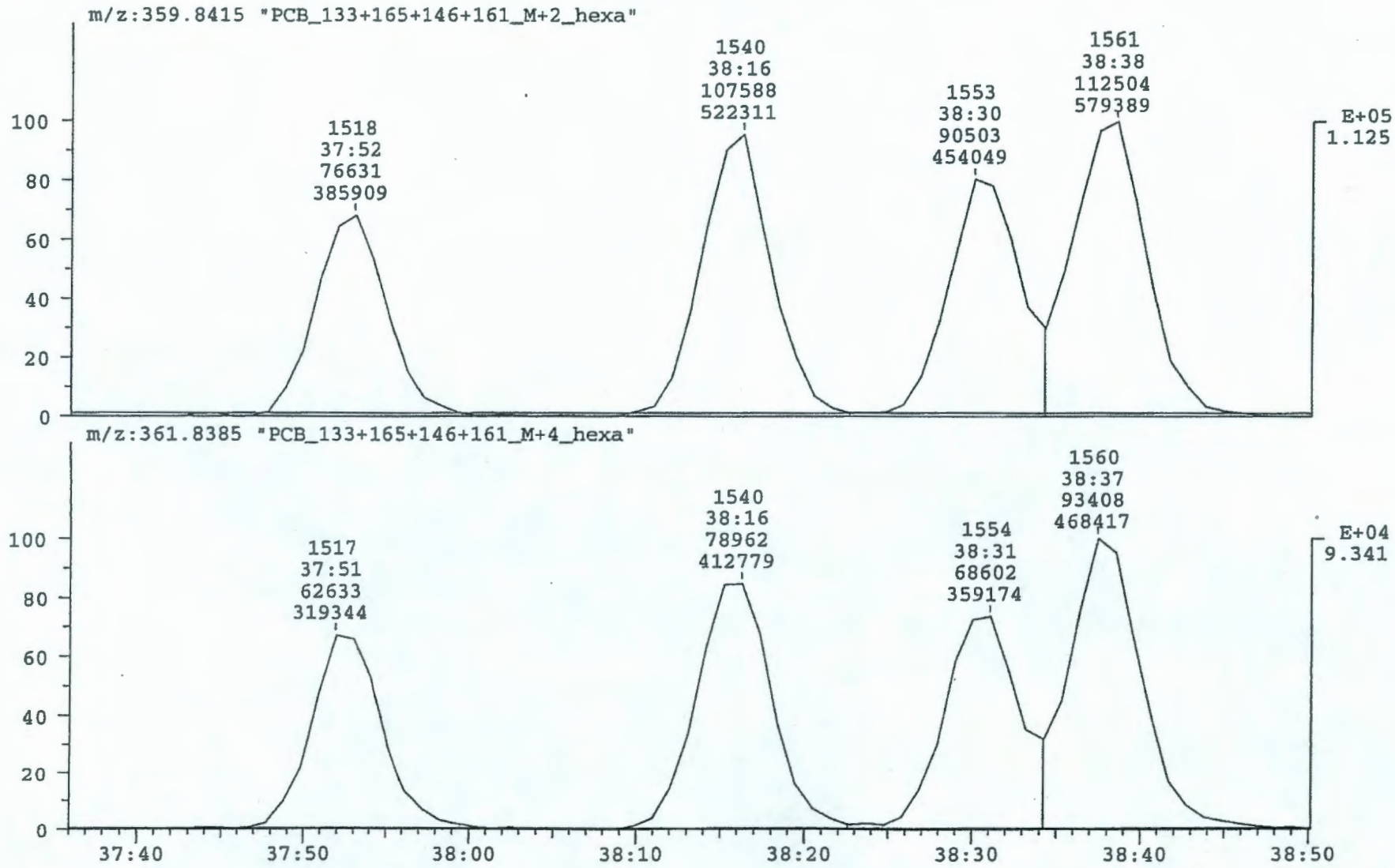
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  36:46      1455
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm    Label wndw:   1411 > 1490            Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 5                 Label :  -3, 3.0
Disp:  Height  Area
```



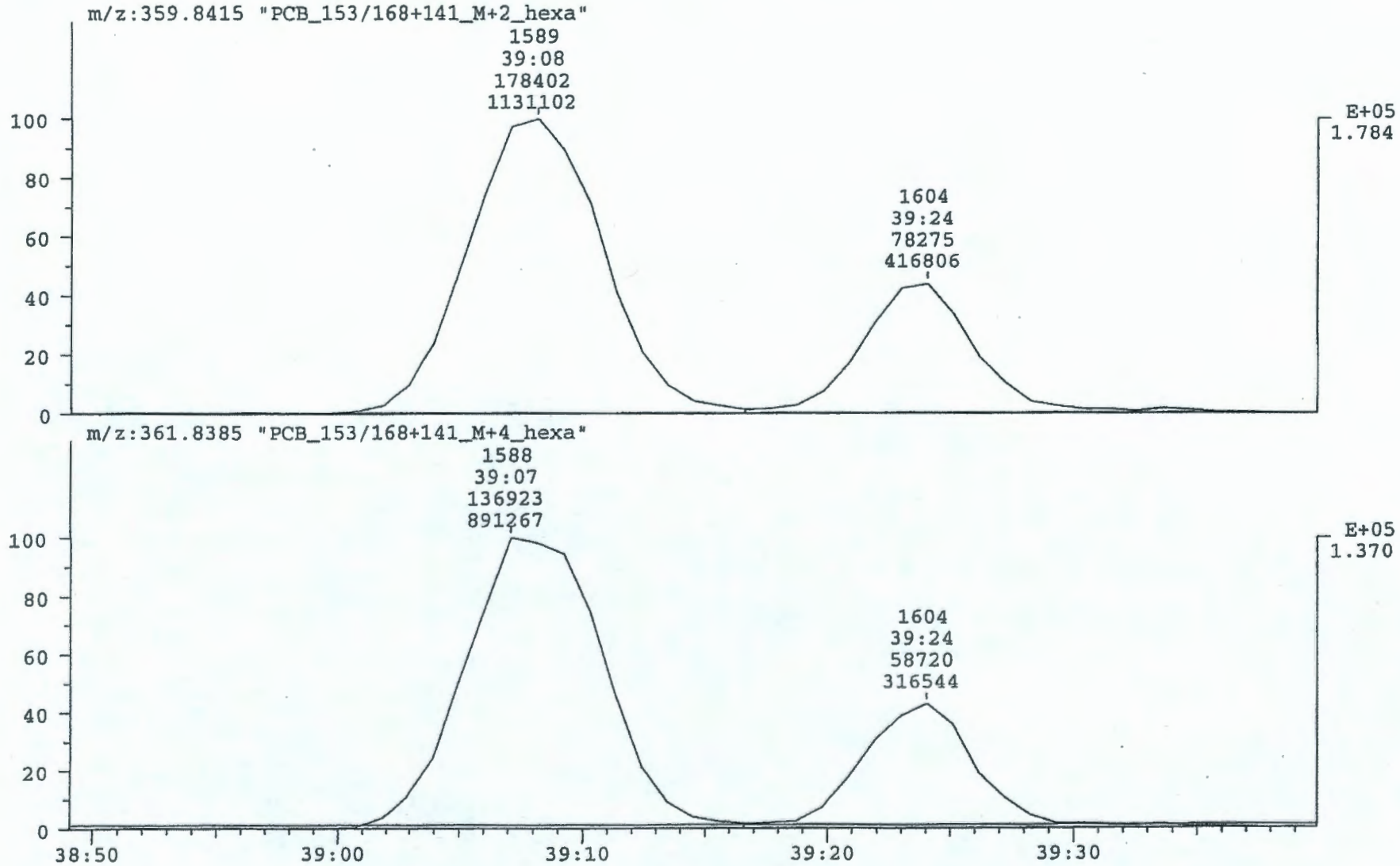
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  37:33      1500
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1488 > 1512           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



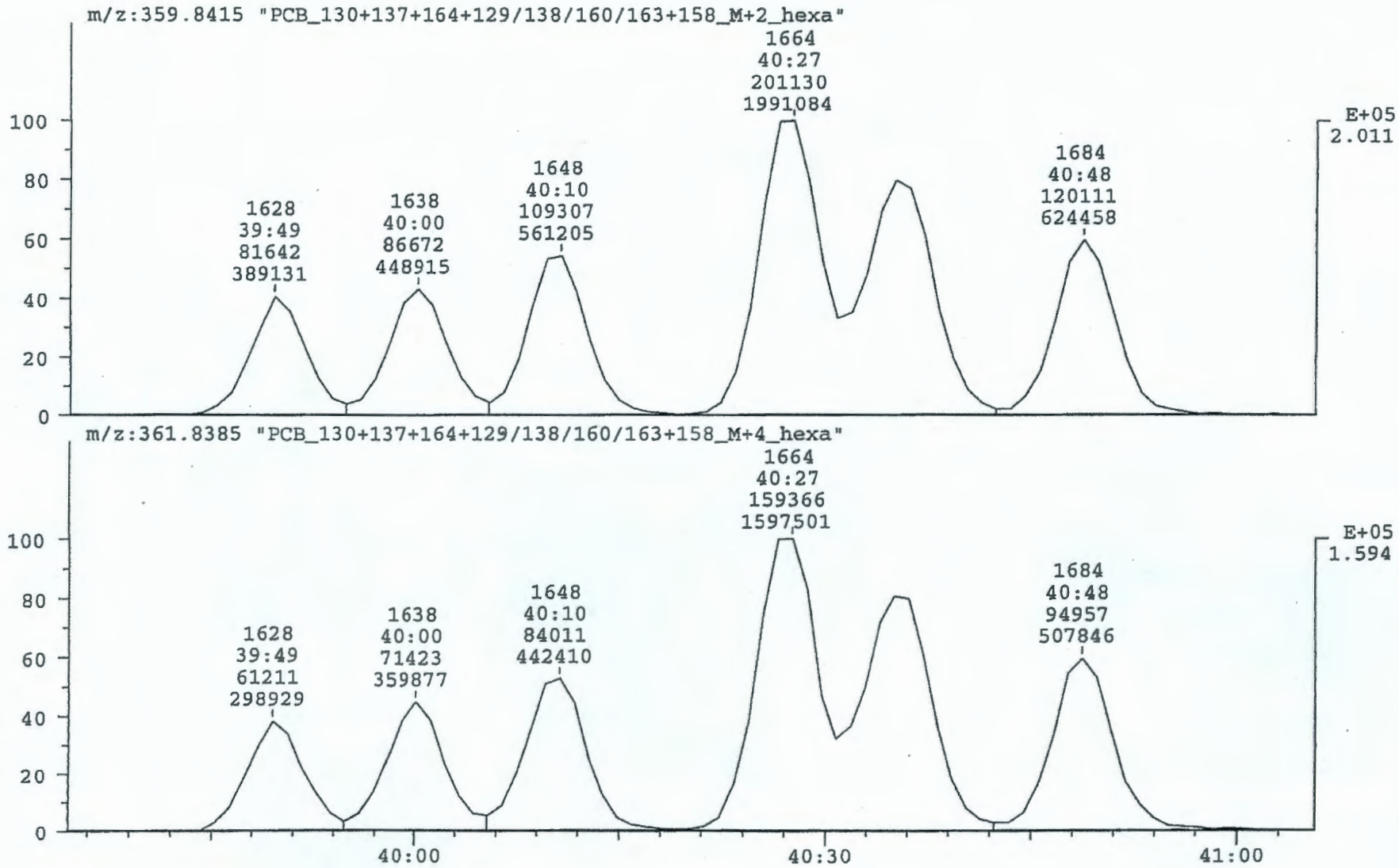
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  38:21      1545
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1502 > 1572          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  39:20      1601
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1571 > 1619           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

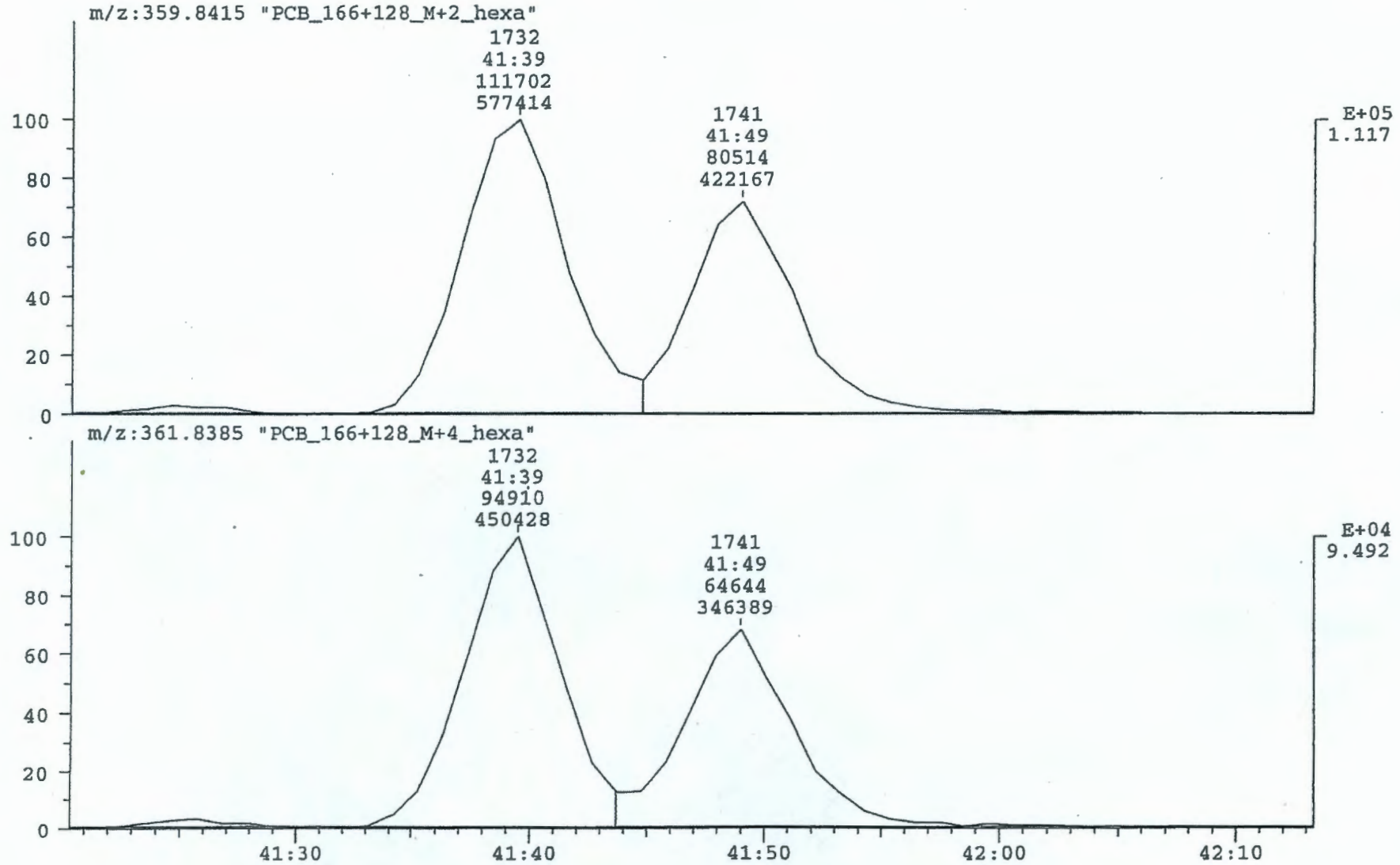


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  40:23      1660
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1614 > 1700           Masses:  181 > 510
Area:  5, 0.50, 0      Baseline  :   100, 7                Label :  -3, 3.0
Disp:  Height  Area
```

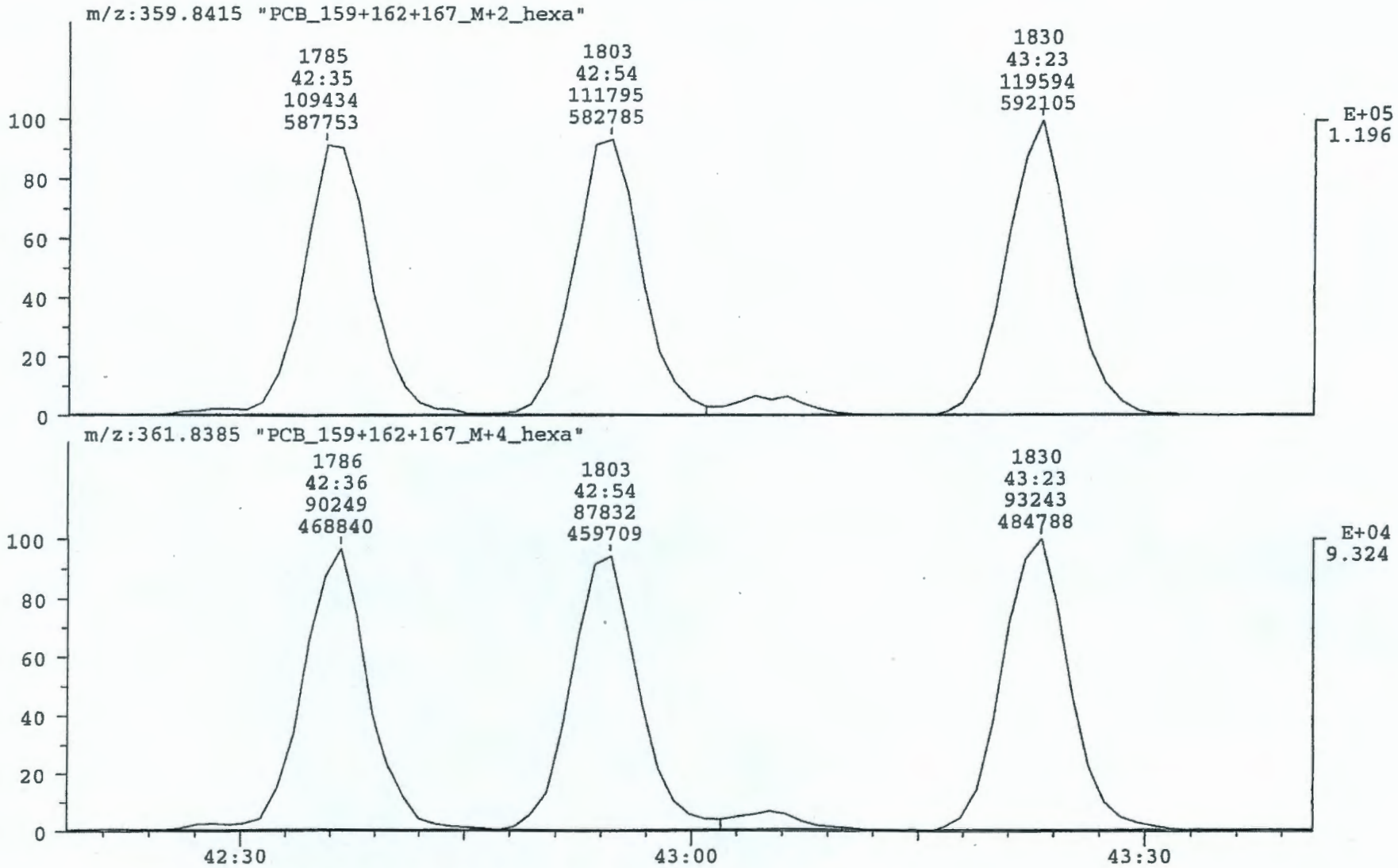


2636

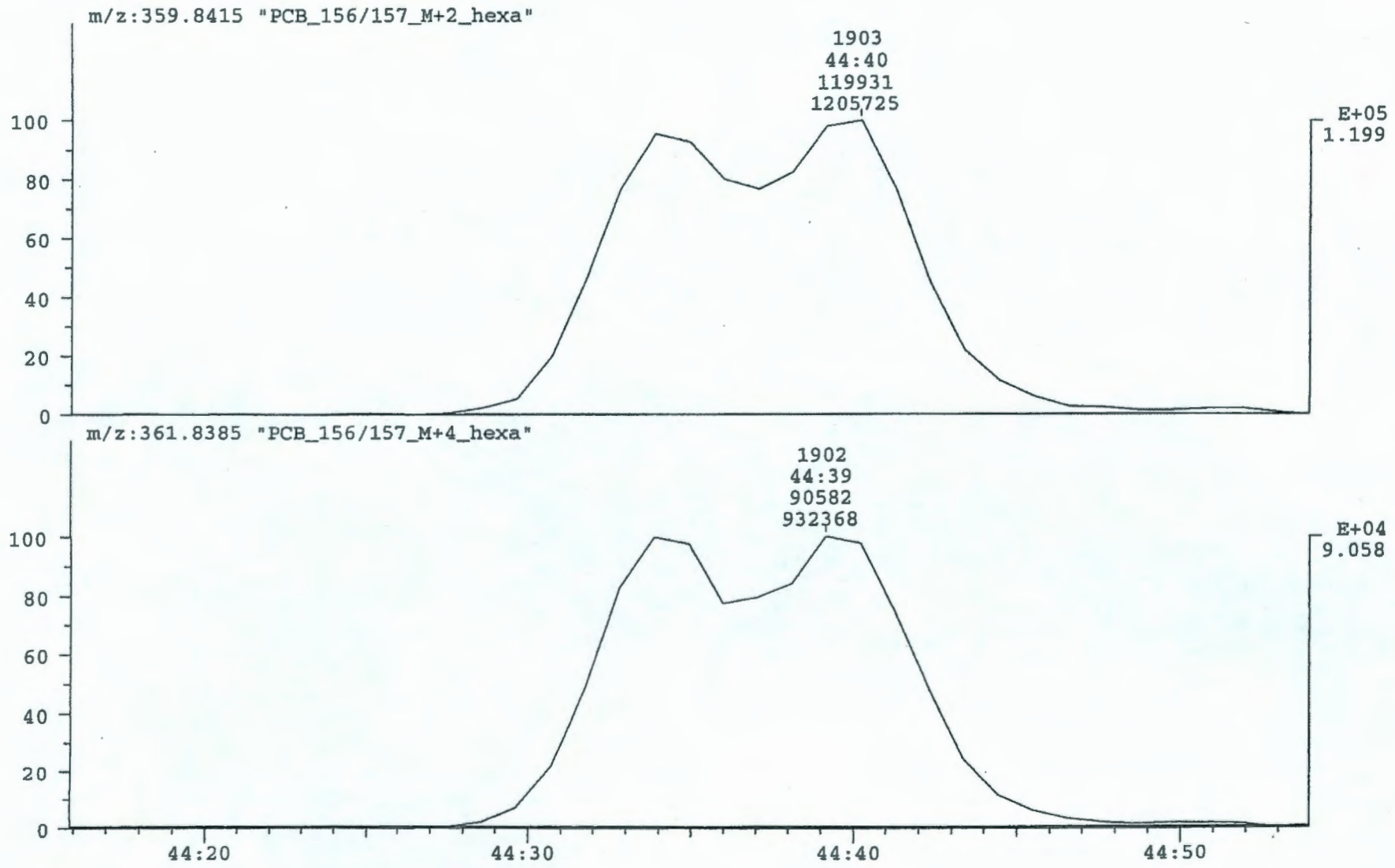
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  41:46      1739
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1714 > 1764         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```



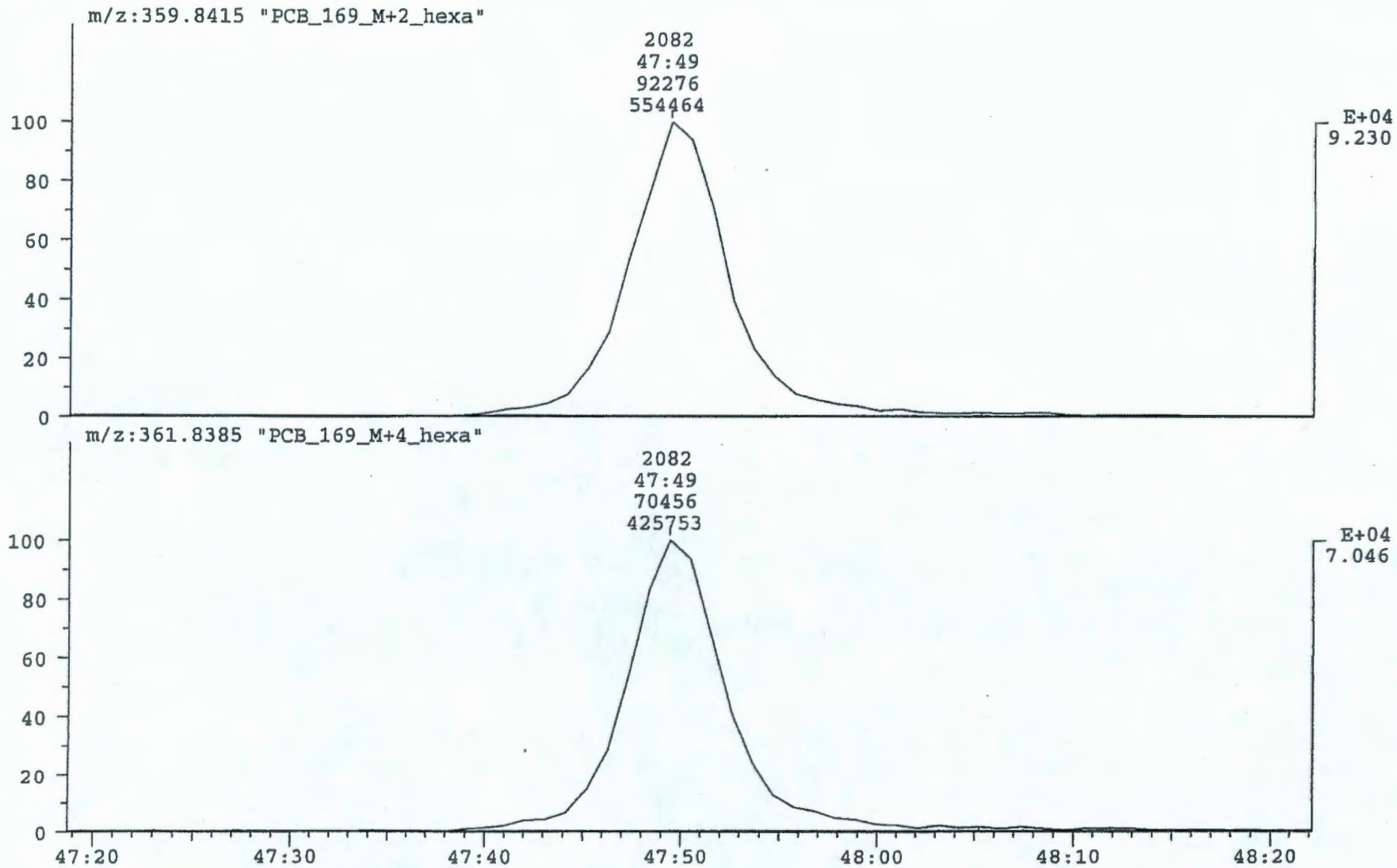
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  43:06      1814
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1769 > 1847          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



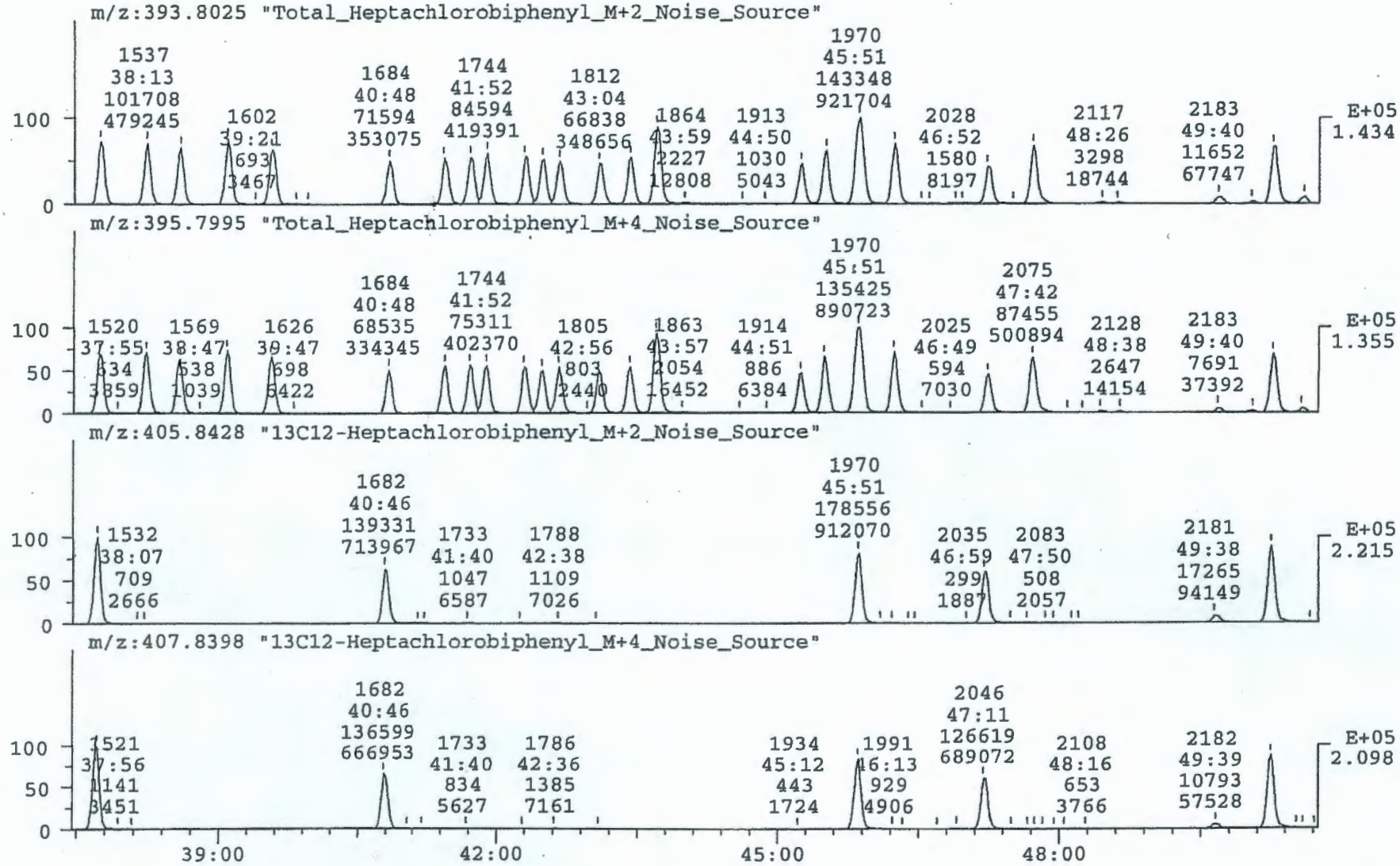
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  44:37      1900
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1880 > 1916         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9              Label :  -3, 3.0
Disp:  Height  Area
```



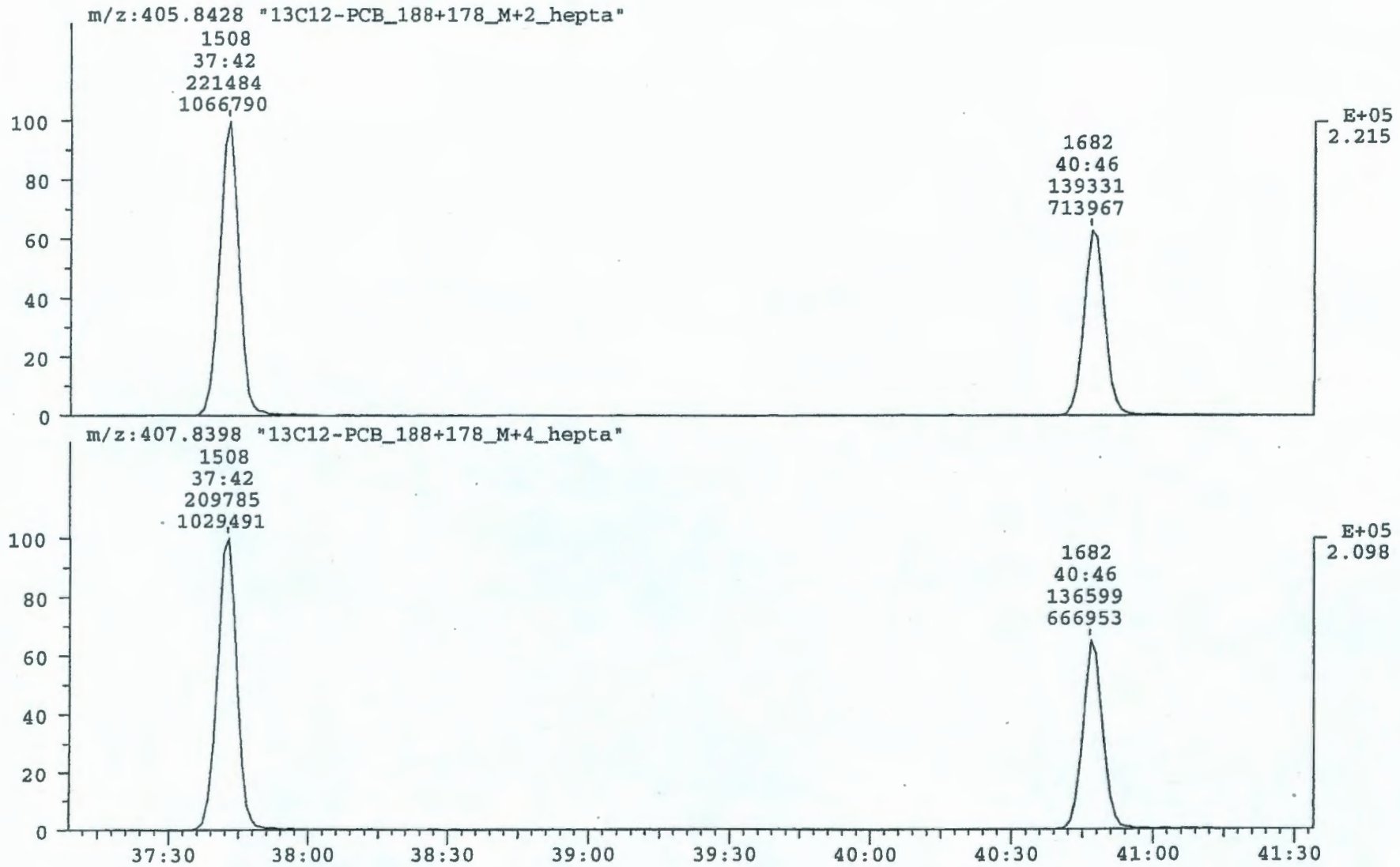
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  47:50      2083
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2053 > 2113          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  44:06      1871
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1494 > 2244          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

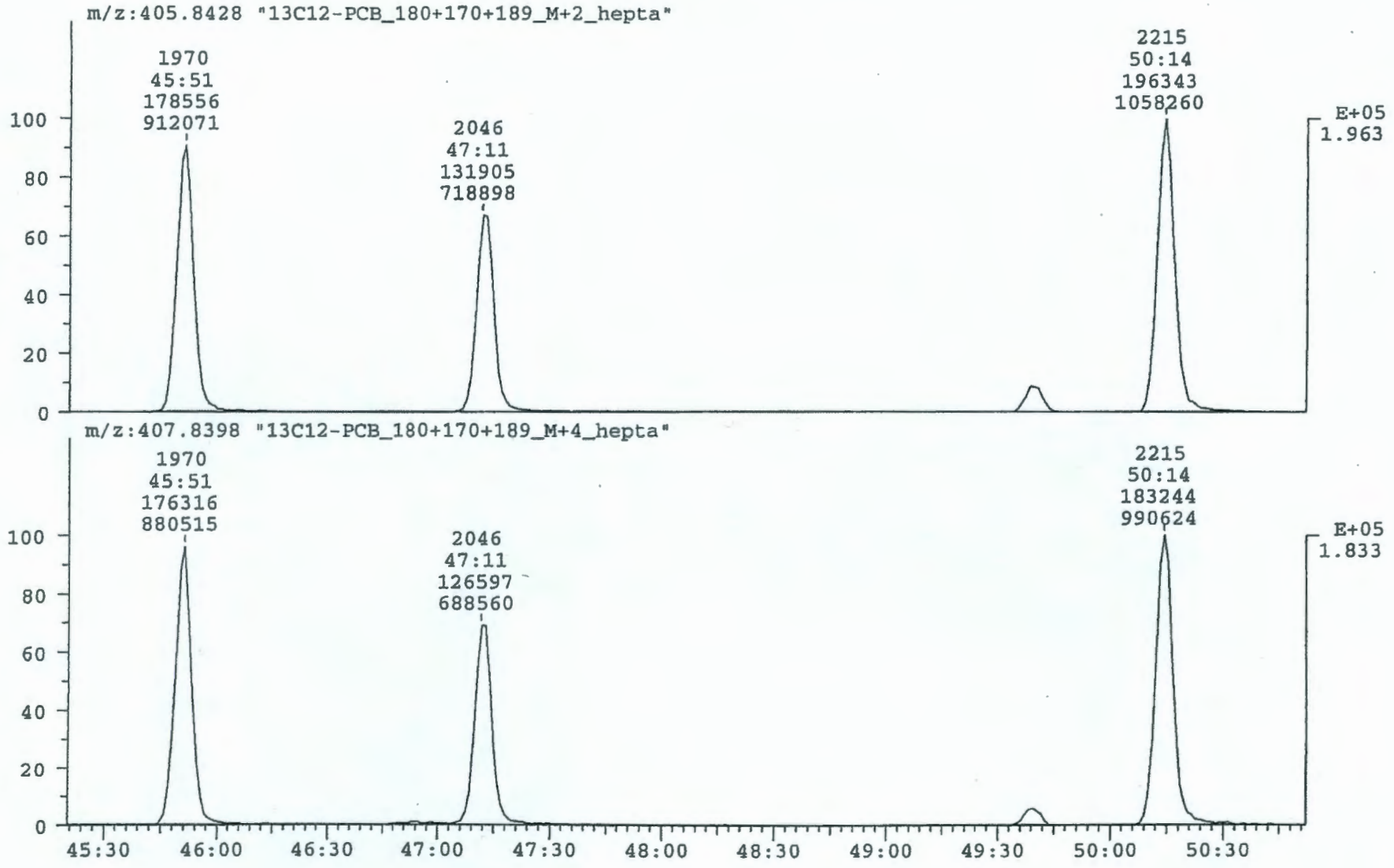


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  39:20      1601
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1477 > 1727          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

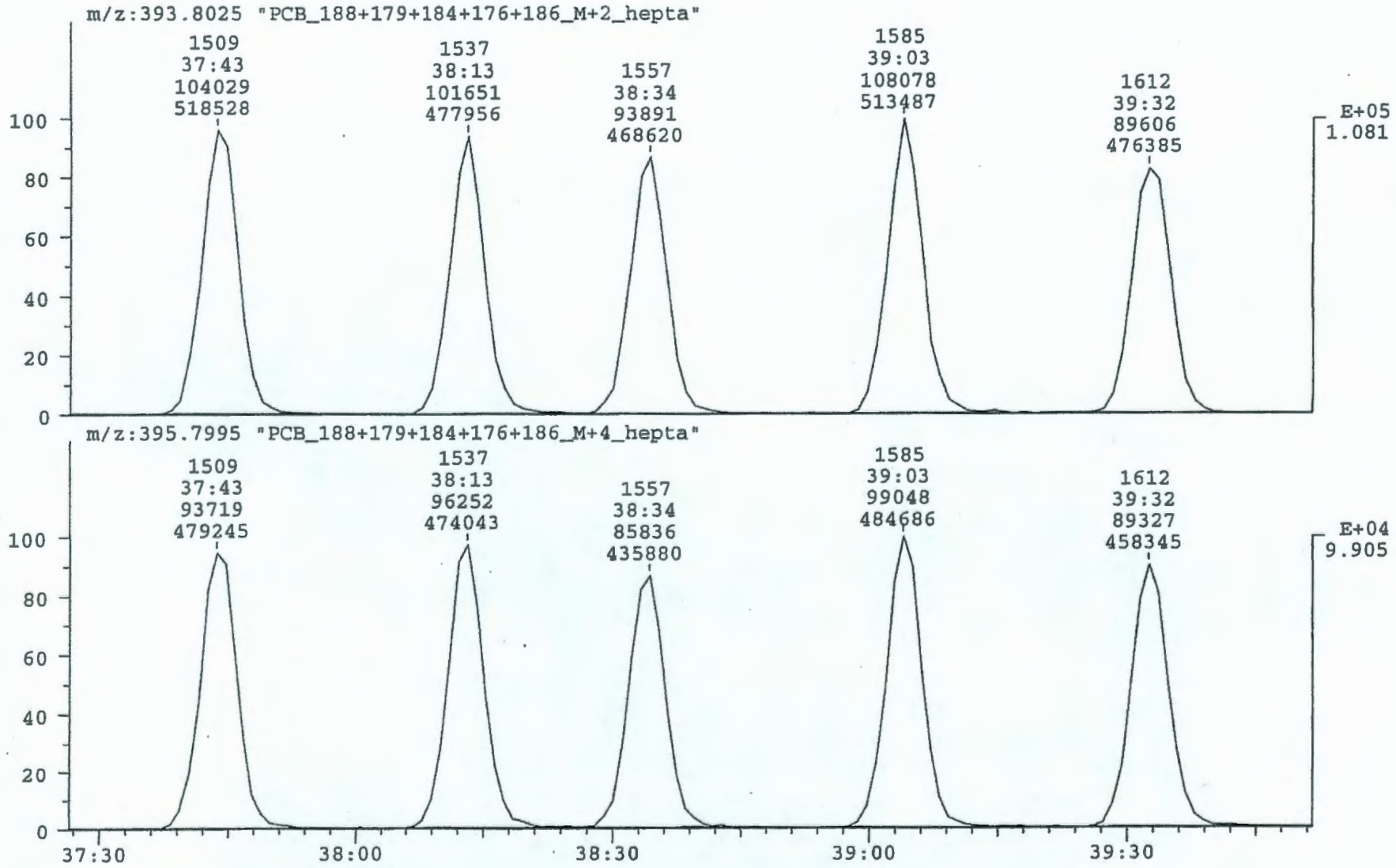


2642

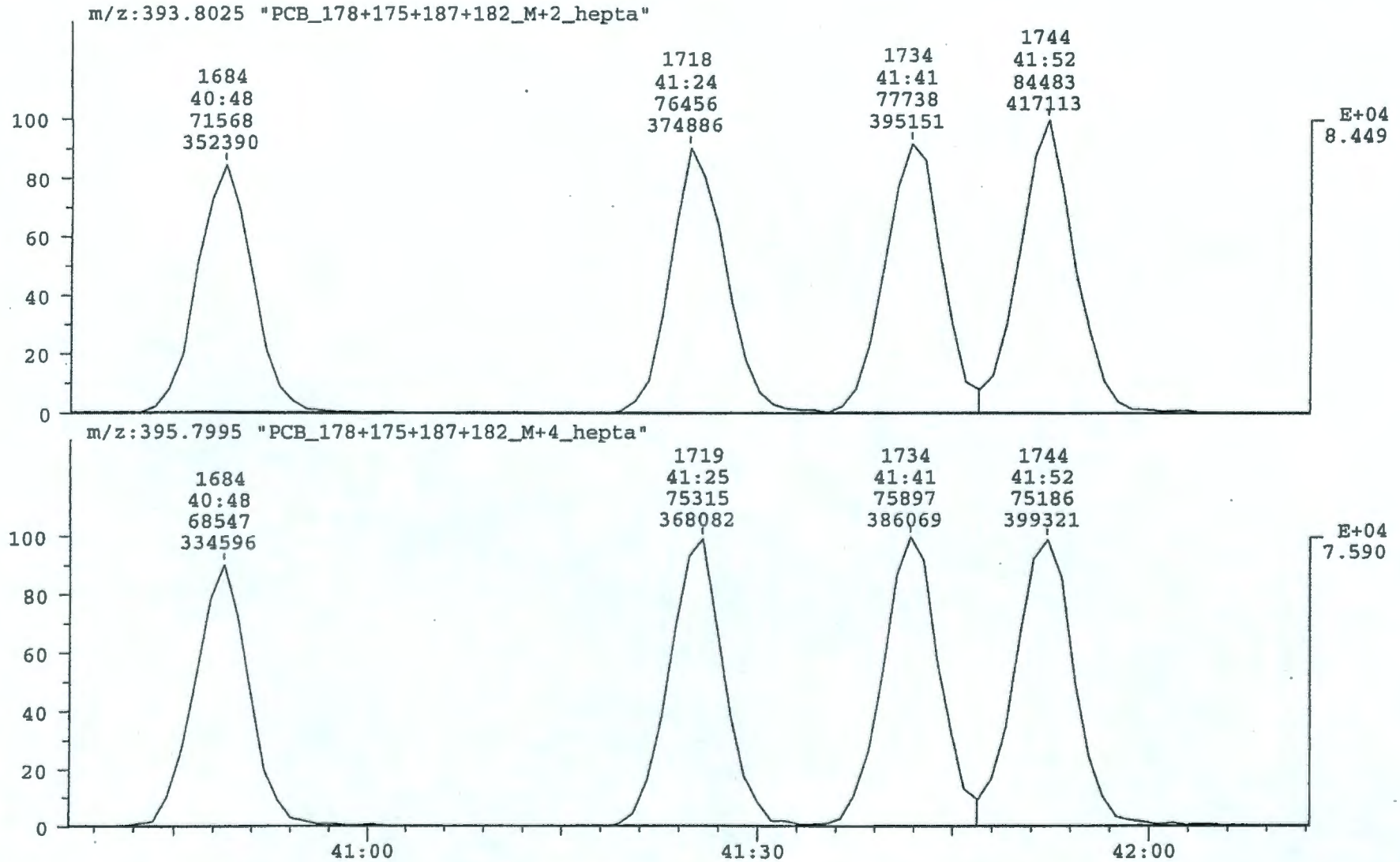
CHRO: apj7c1tc 28-Sep-07 Elapse: 48:09 2101
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 1941 > 2251 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



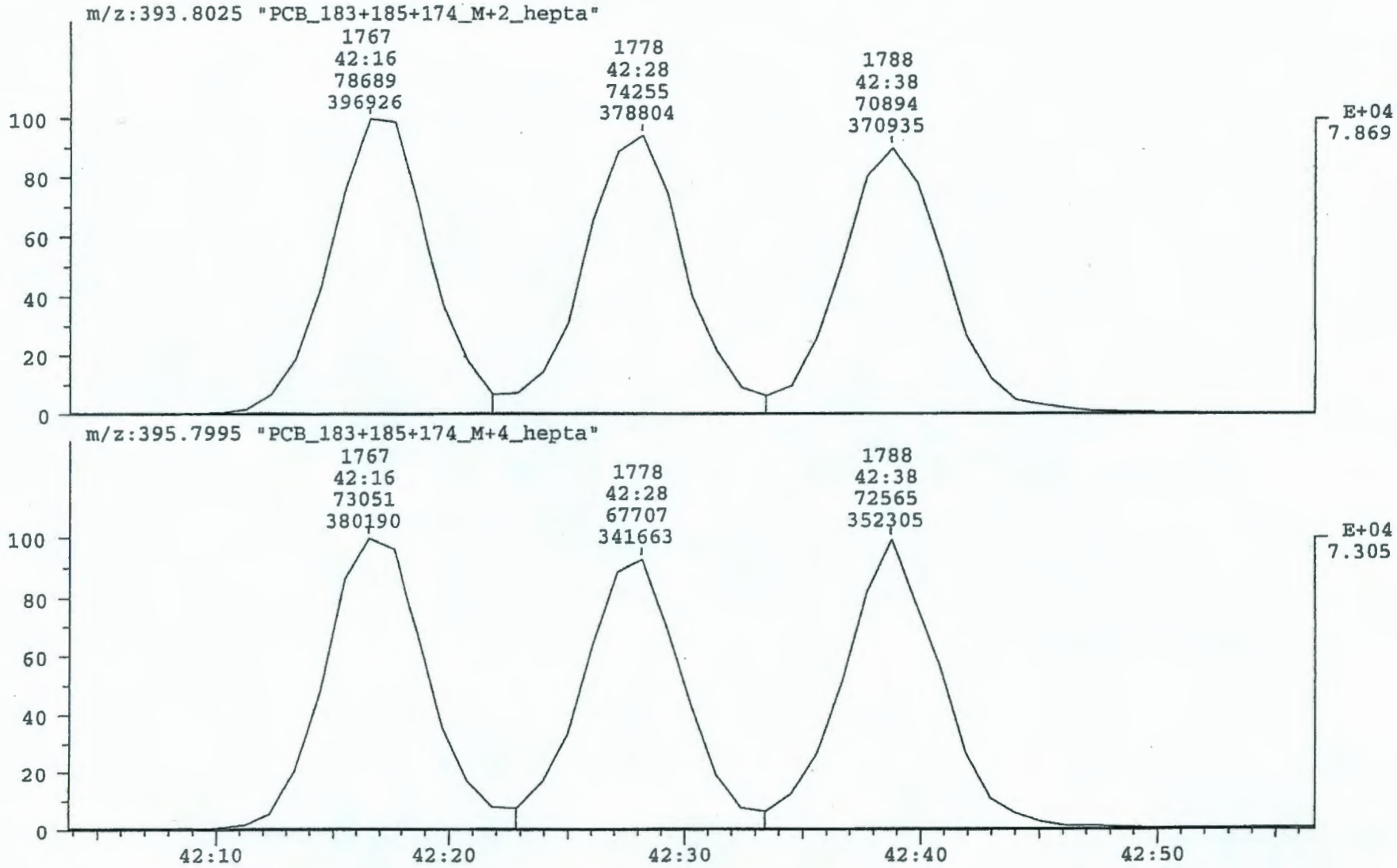
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  38:42      1565
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC    Vial  32
Peak:  100.00  ppm    Label wndw:   1493 > 1630           Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



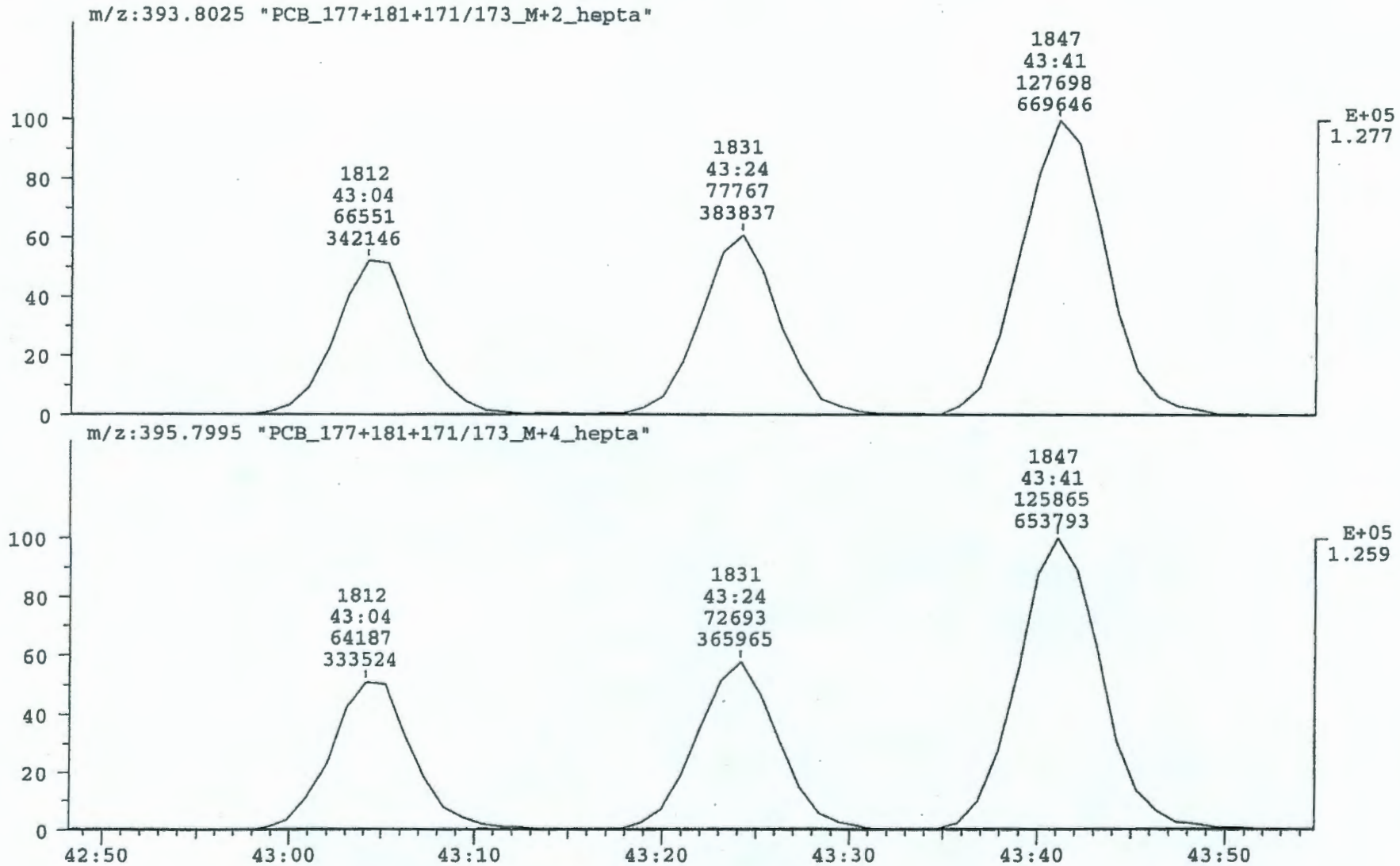
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  41:29      1723
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1673 > 1763          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



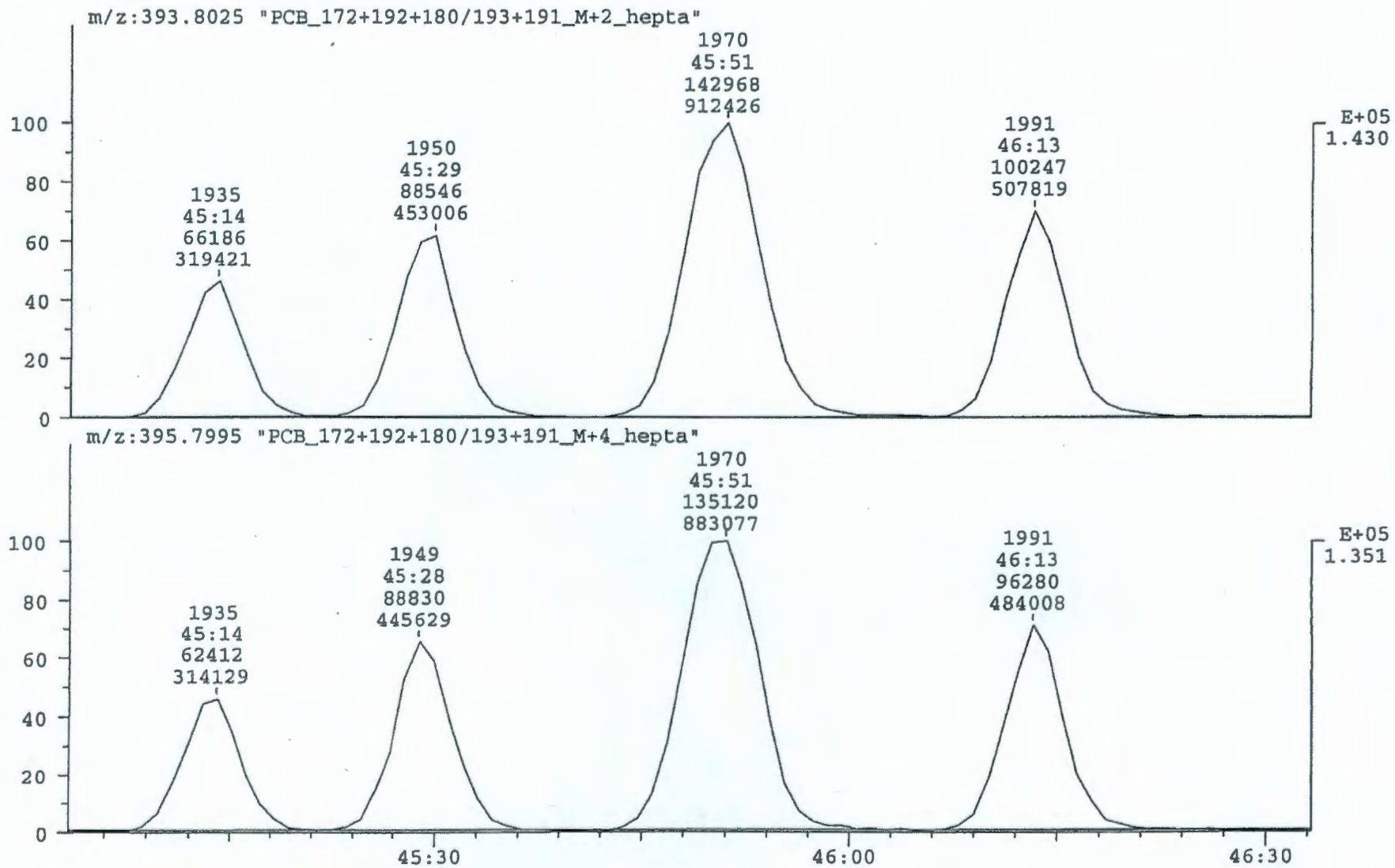
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  42:40      1790
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1755 > 1805          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



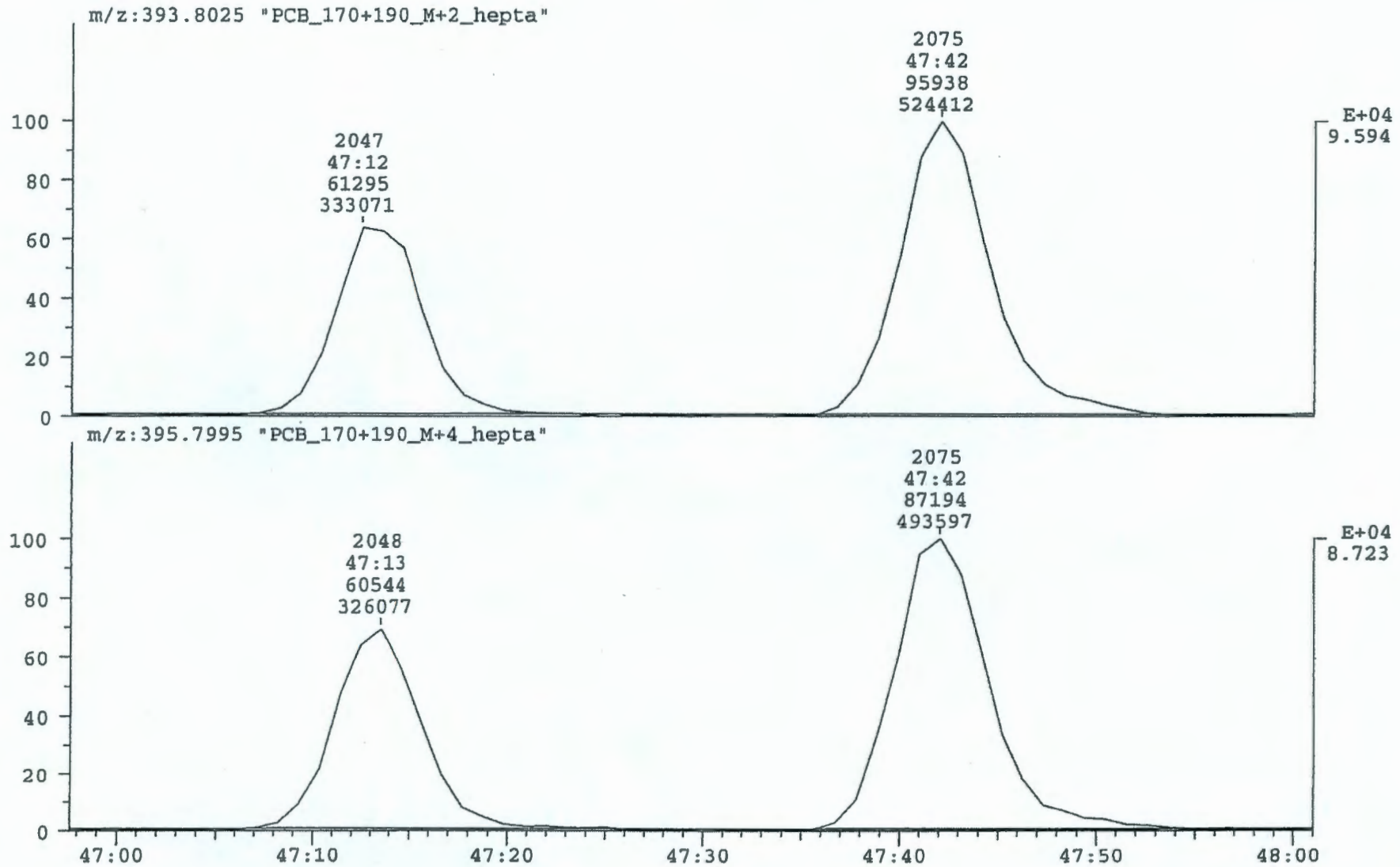
CHRO: apj7c1tc 28-Sep-07 Elapse: 43:28 1835
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 1797 > 1860 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



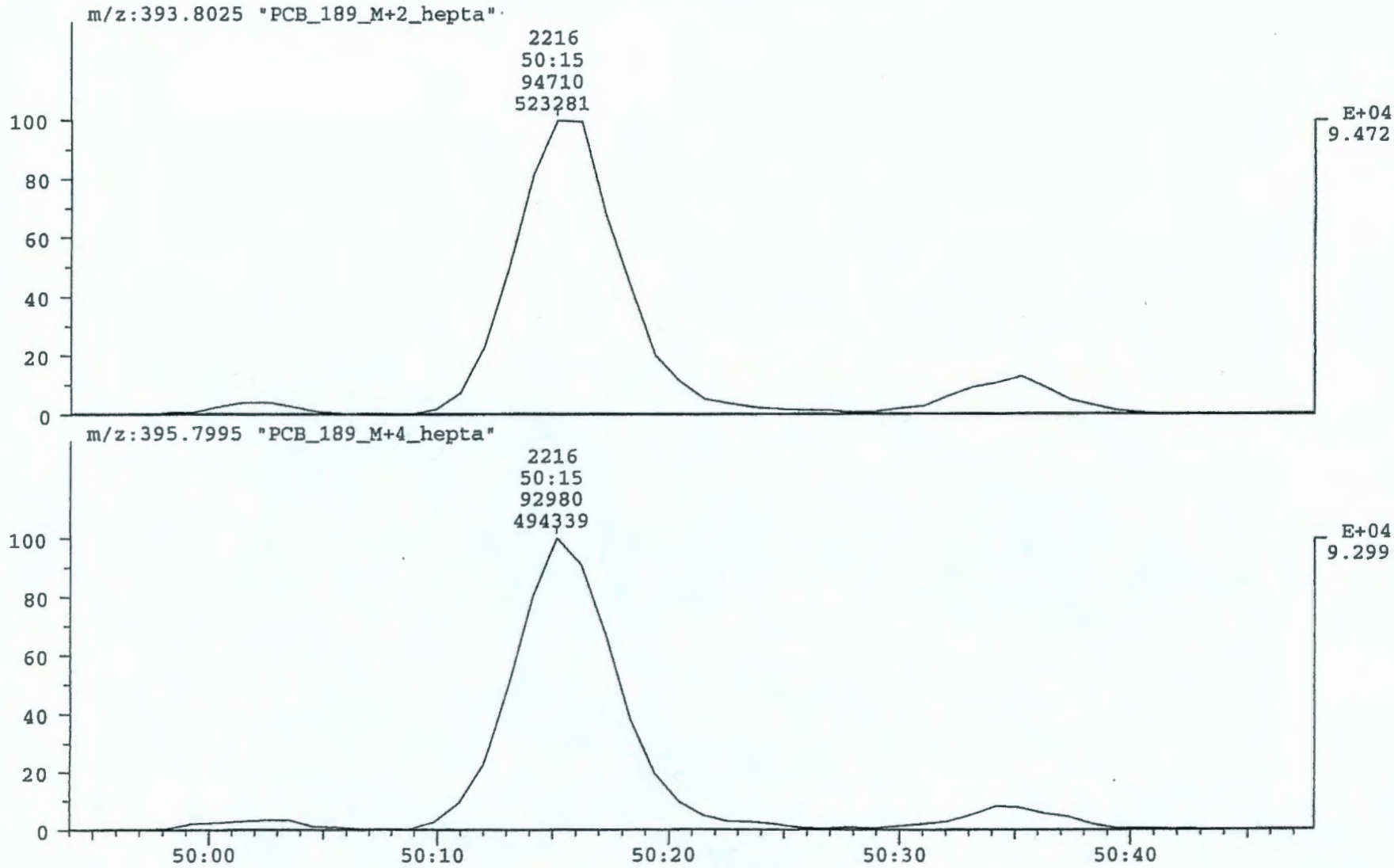
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  45:56      1975
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1925 > 2010          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  47:34      2068
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   2033 > 2093          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

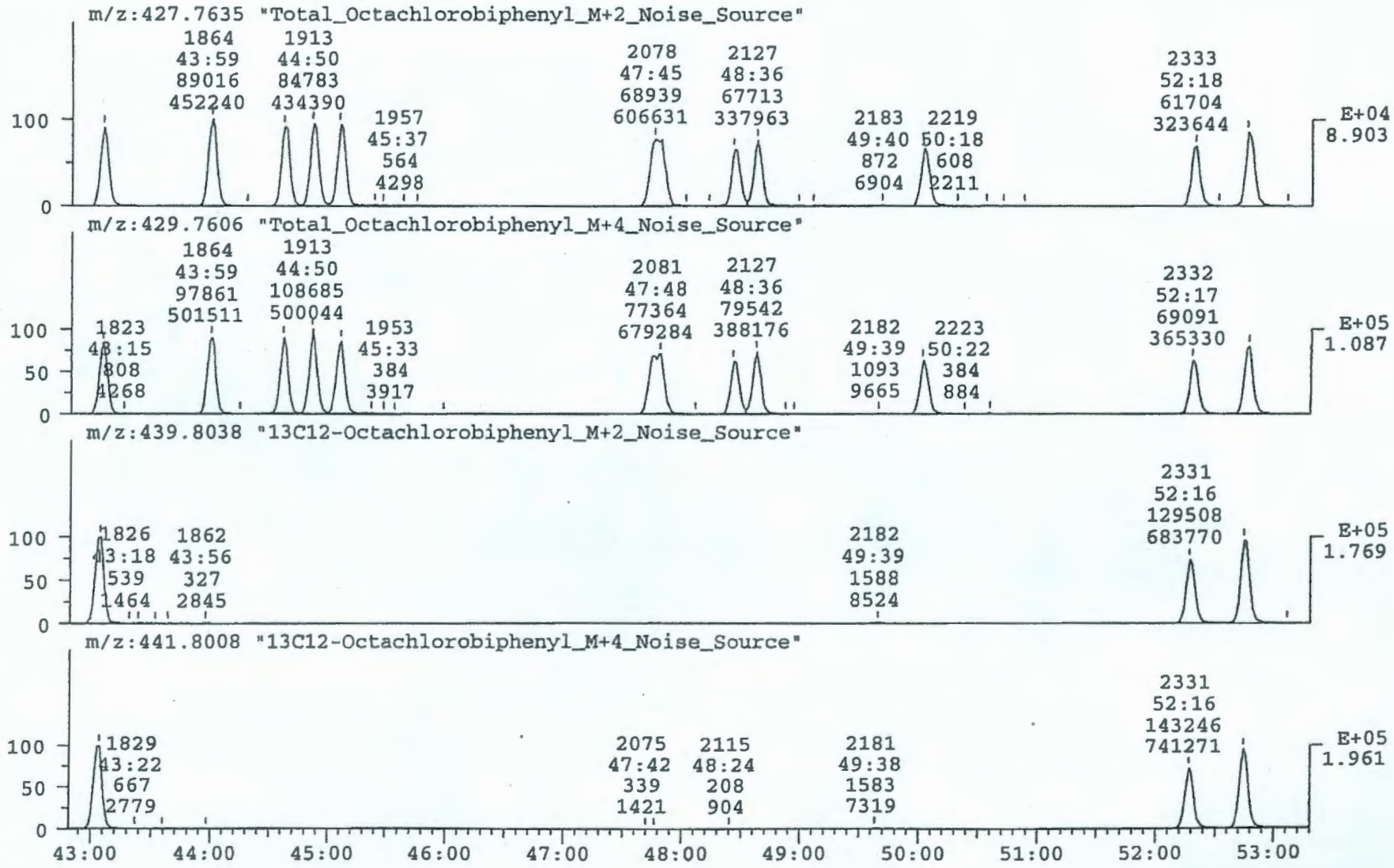


```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  50:19      2220
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   2196 > 2247          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

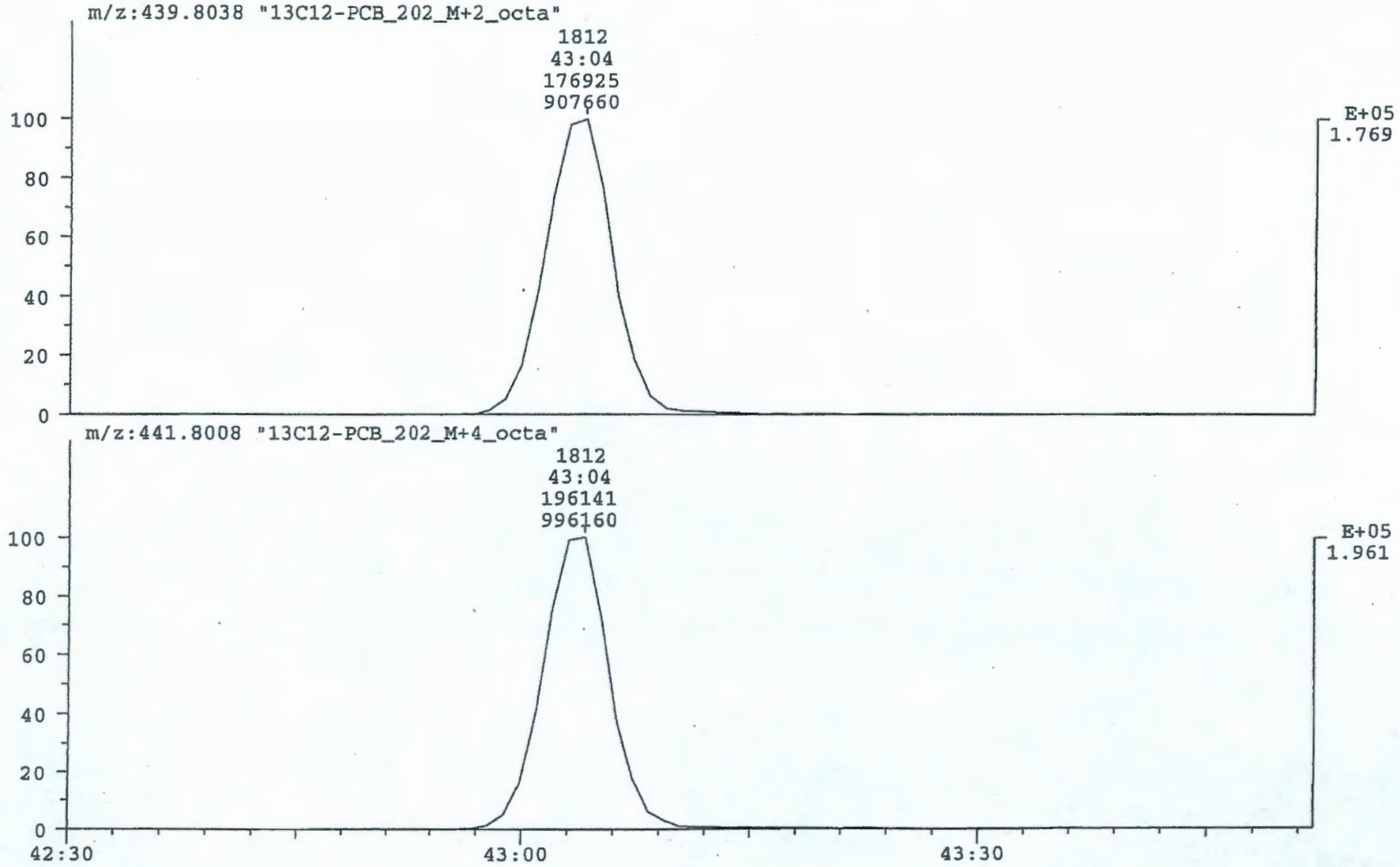


2650

```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  48:03      2095
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm    Label wndw:   1798 > 2389           Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

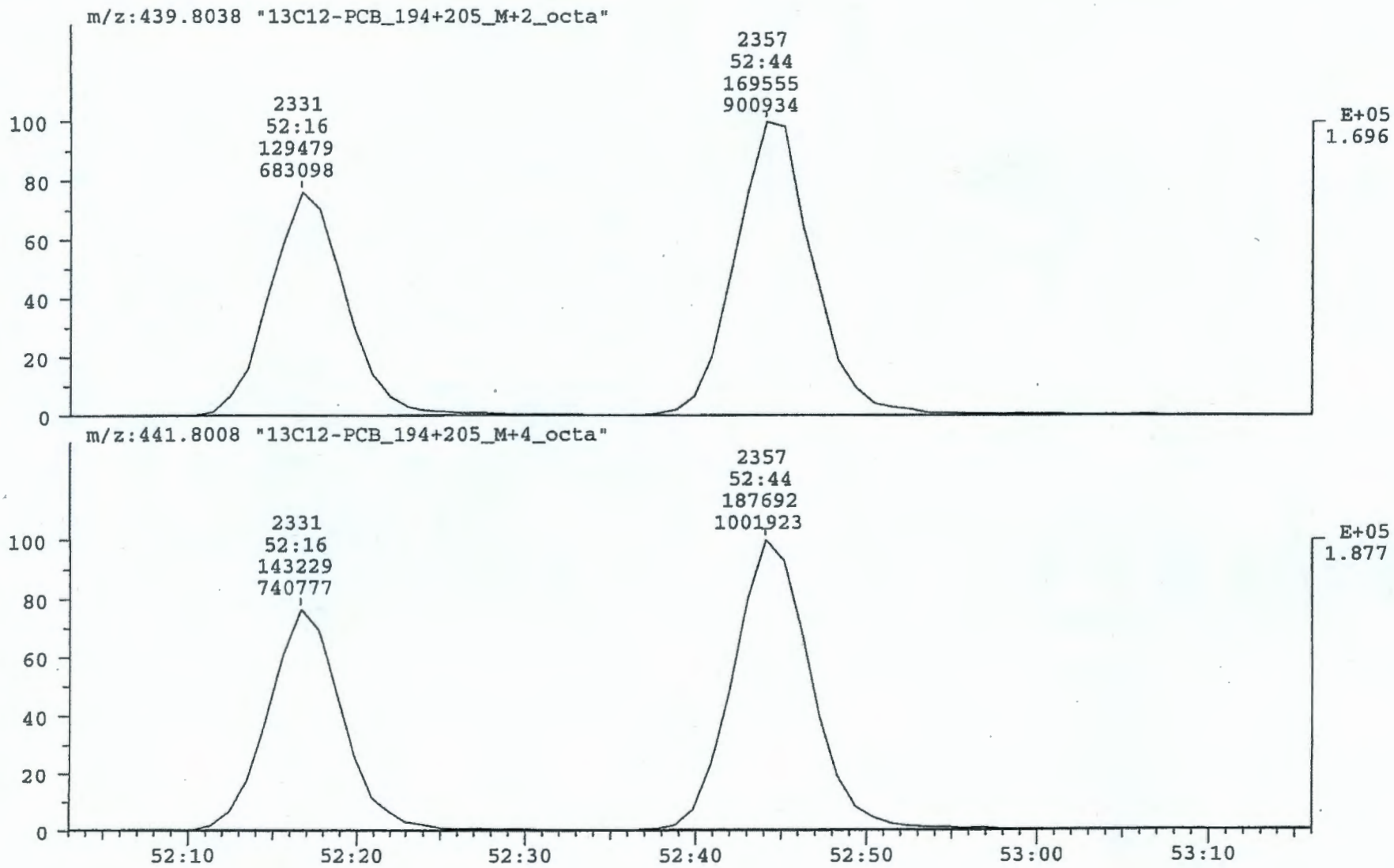


```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  43:08      1816
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1780 > 1857          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

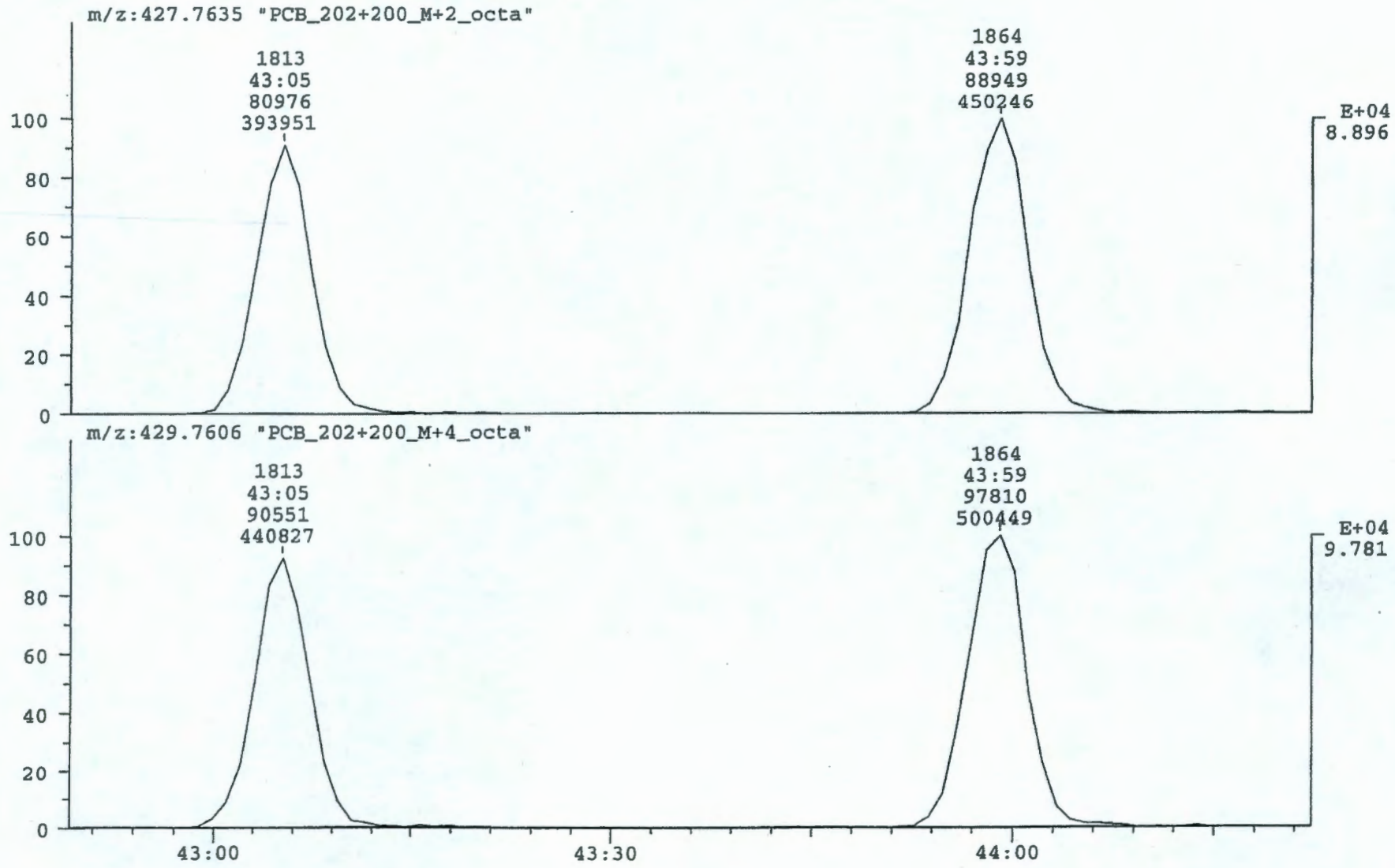


2652

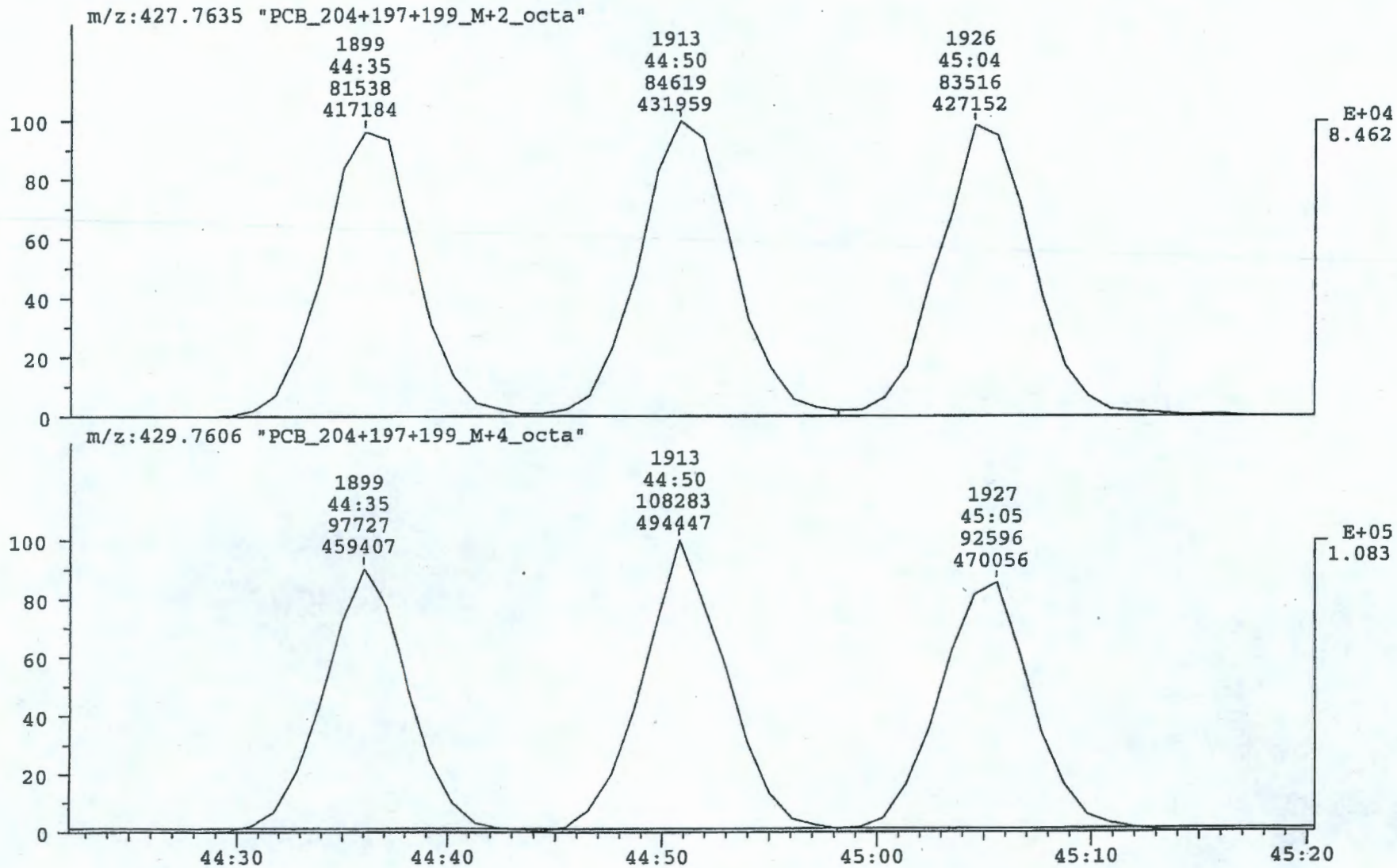
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  52:38      2352
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2318 > 2387          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



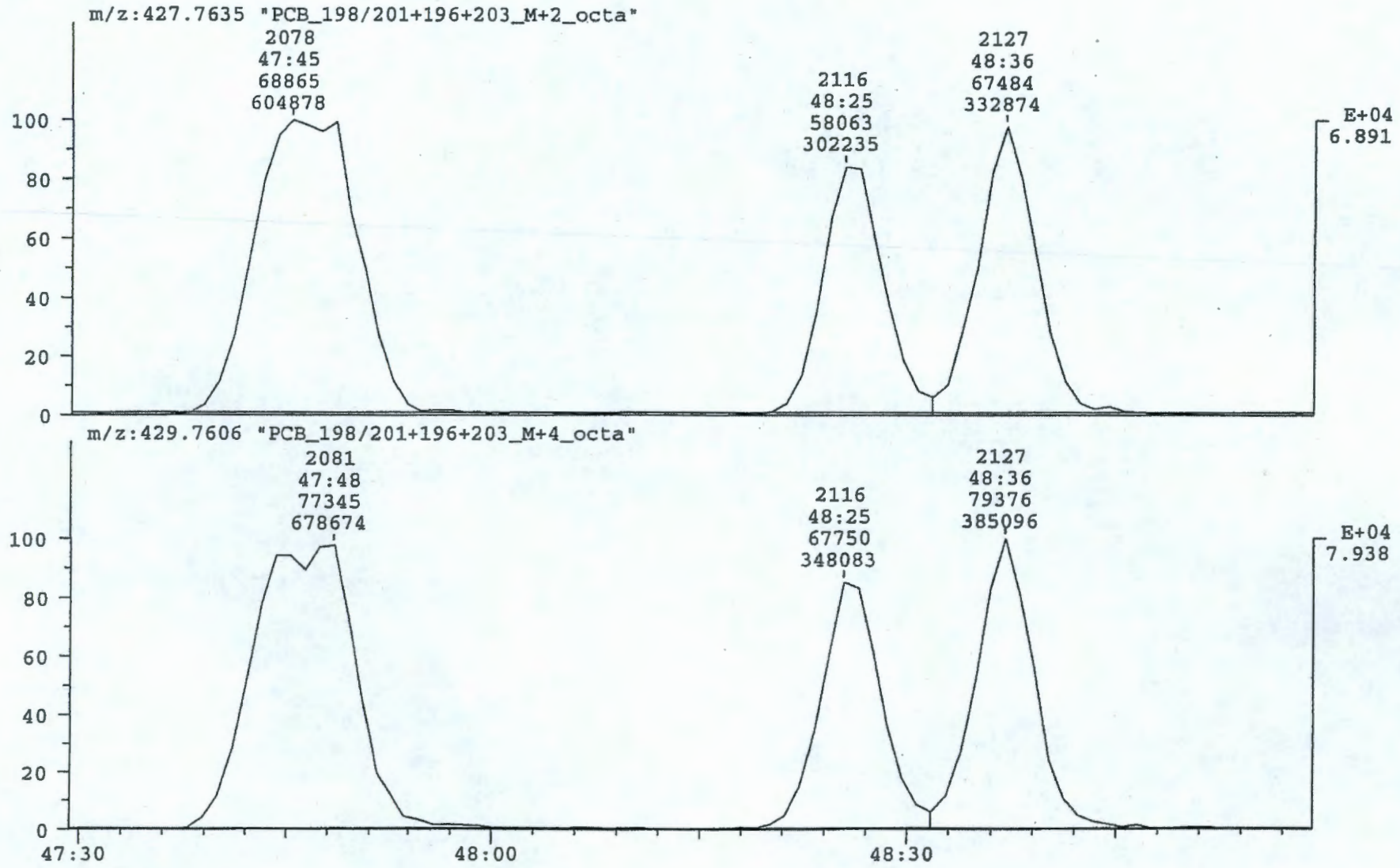
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  43:40      1846
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP           Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   1798 > 1886          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  44:43      1906
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1886 > 1941         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

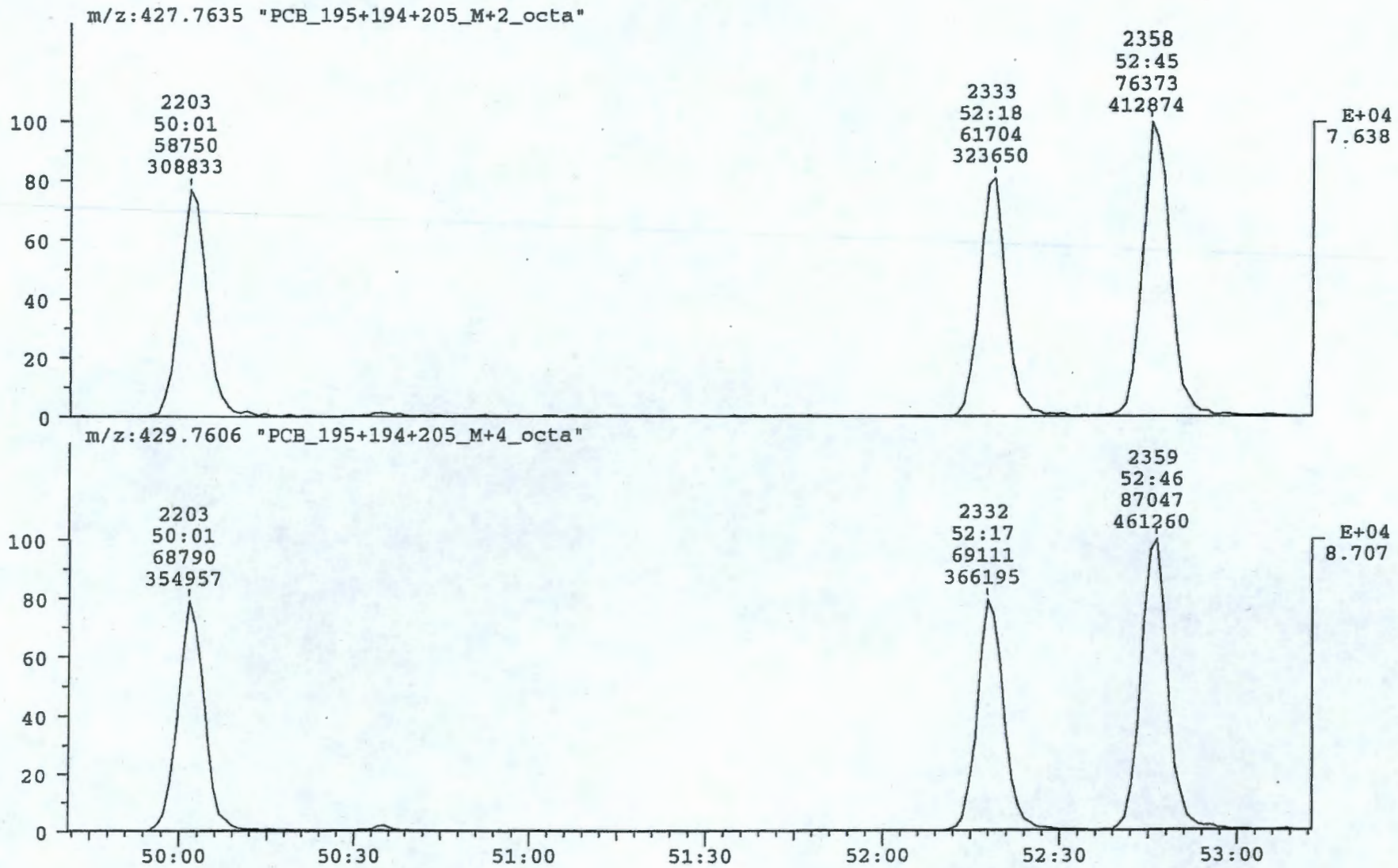


CHRO: apj7c1tc 28-Sep-07 Elapse: 48:32 2123
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 2063 > 2148 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

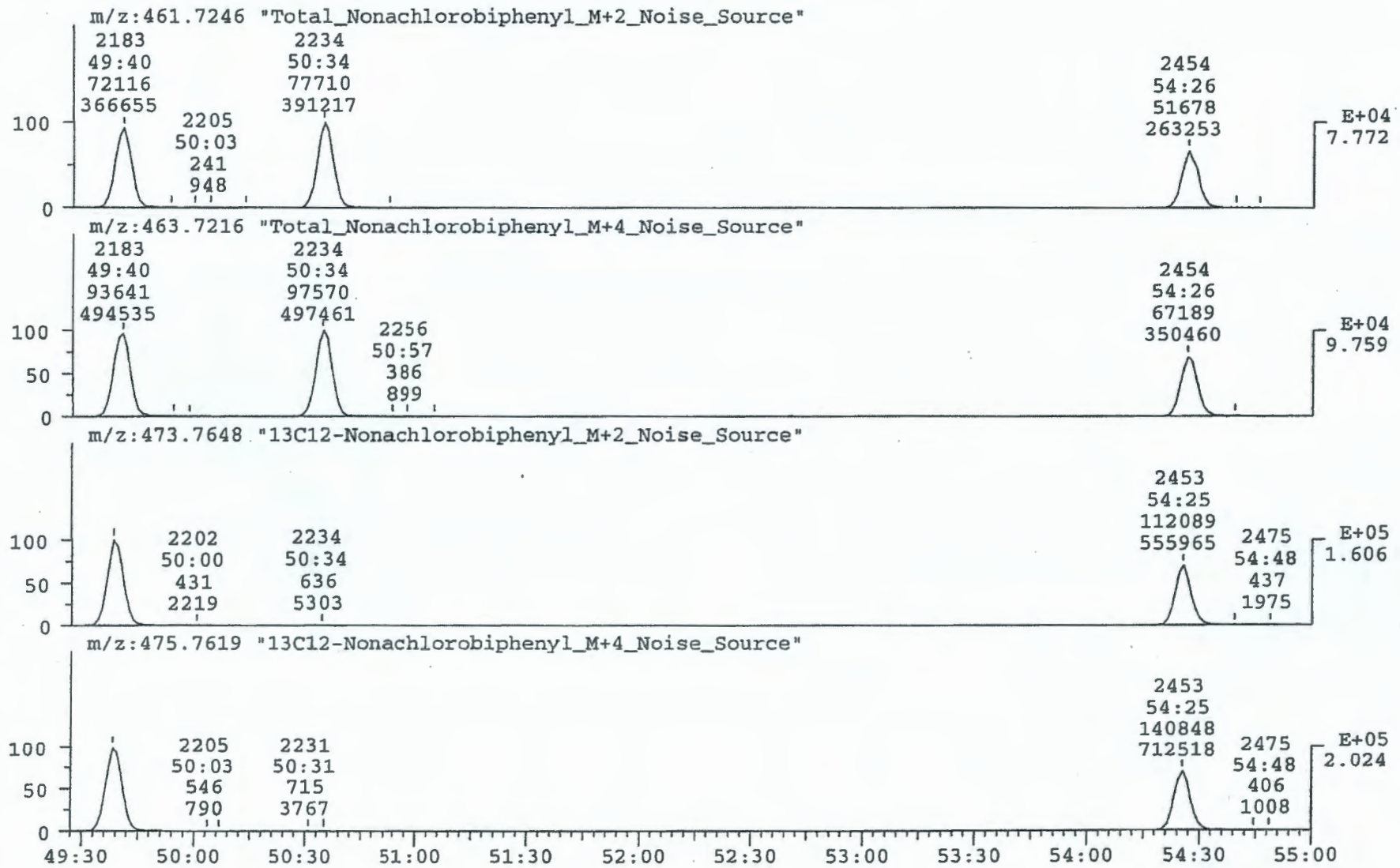


2656

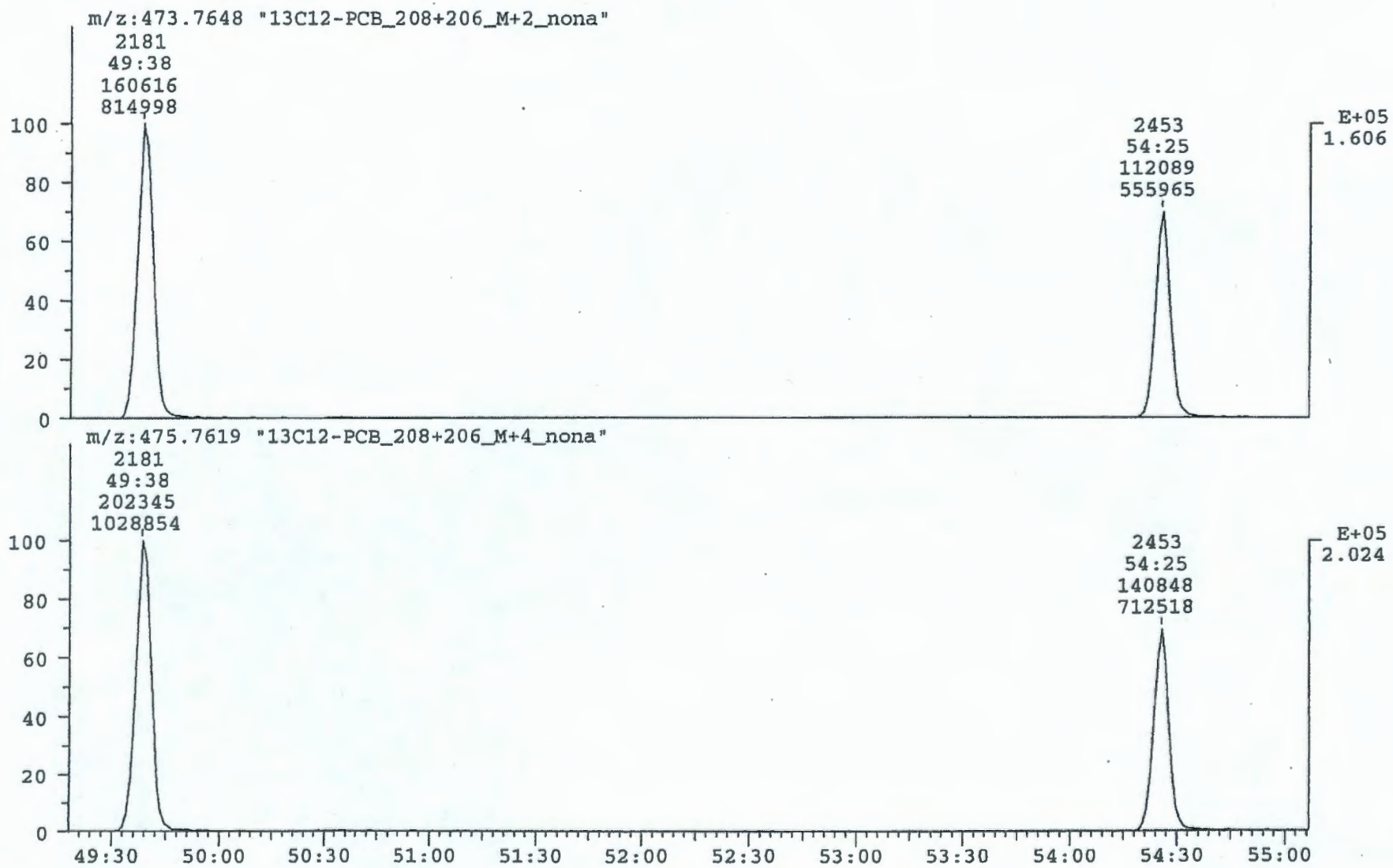
```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  52:25      2339
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2184 > 2384         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



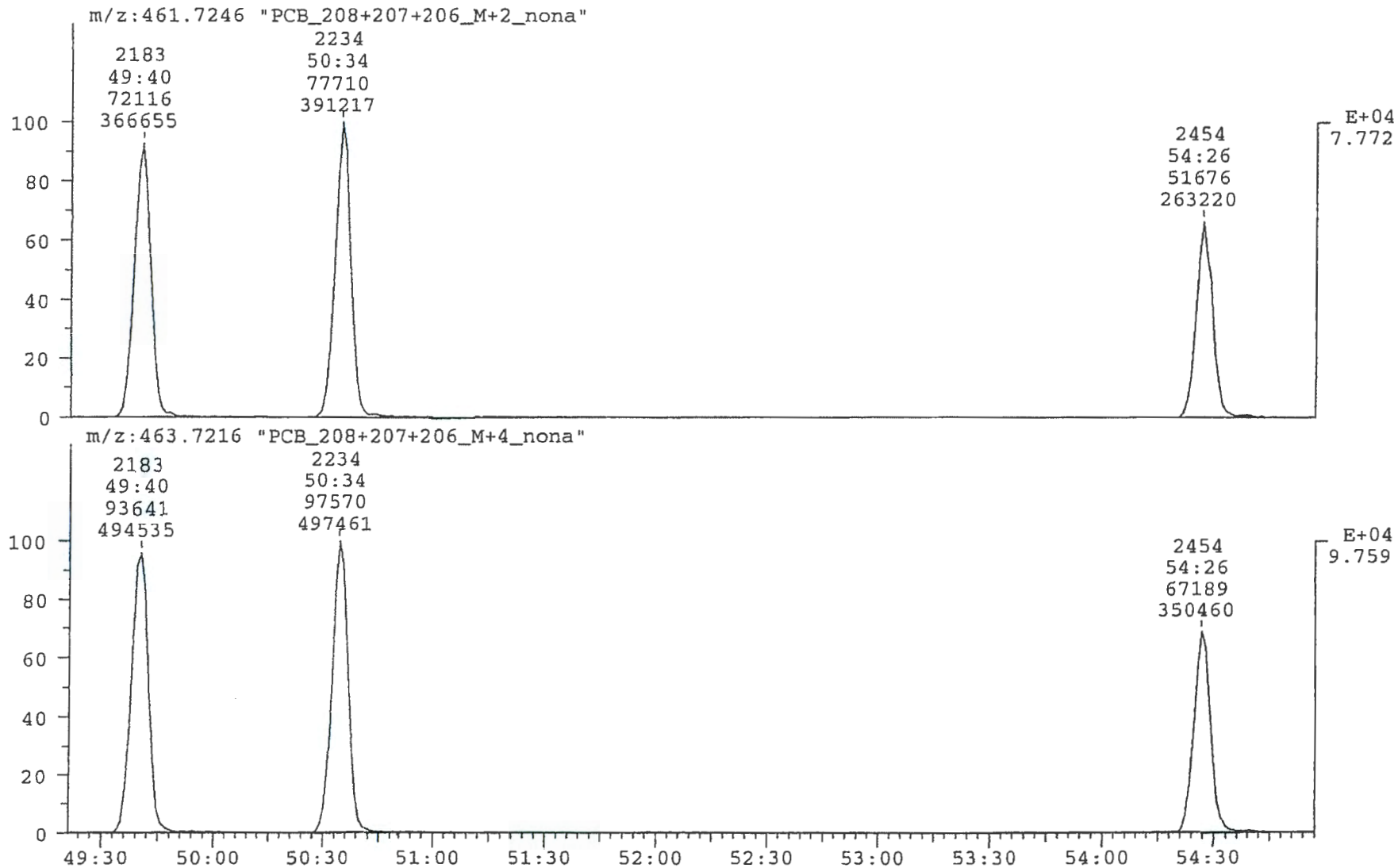
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  52:13      2328
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C                Inlet :  GC     Vial  32
Peak:  100.00  ppm     Label wndw:   2170 > 2486           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



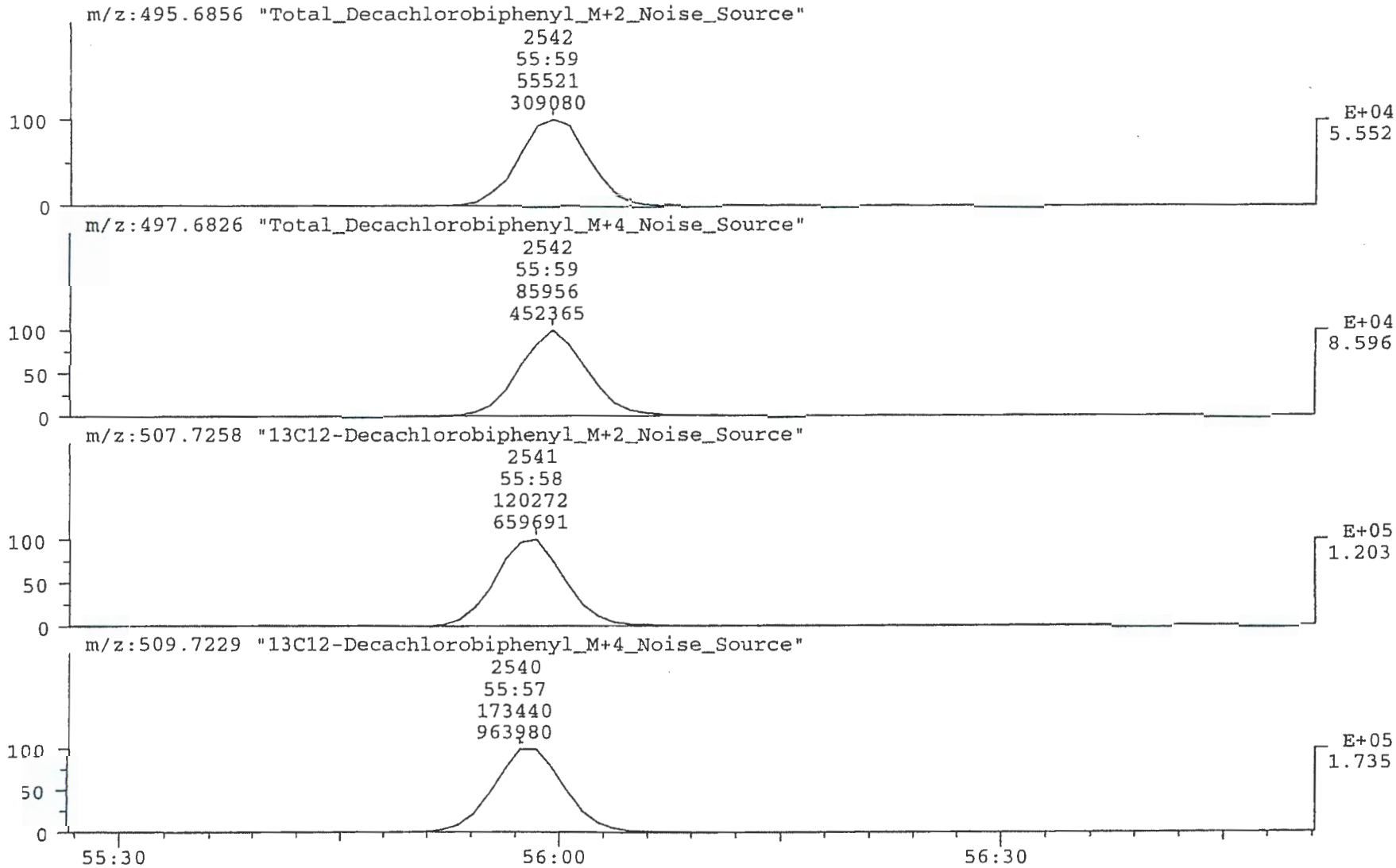
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  52:12      2327
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2162 > 2492          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



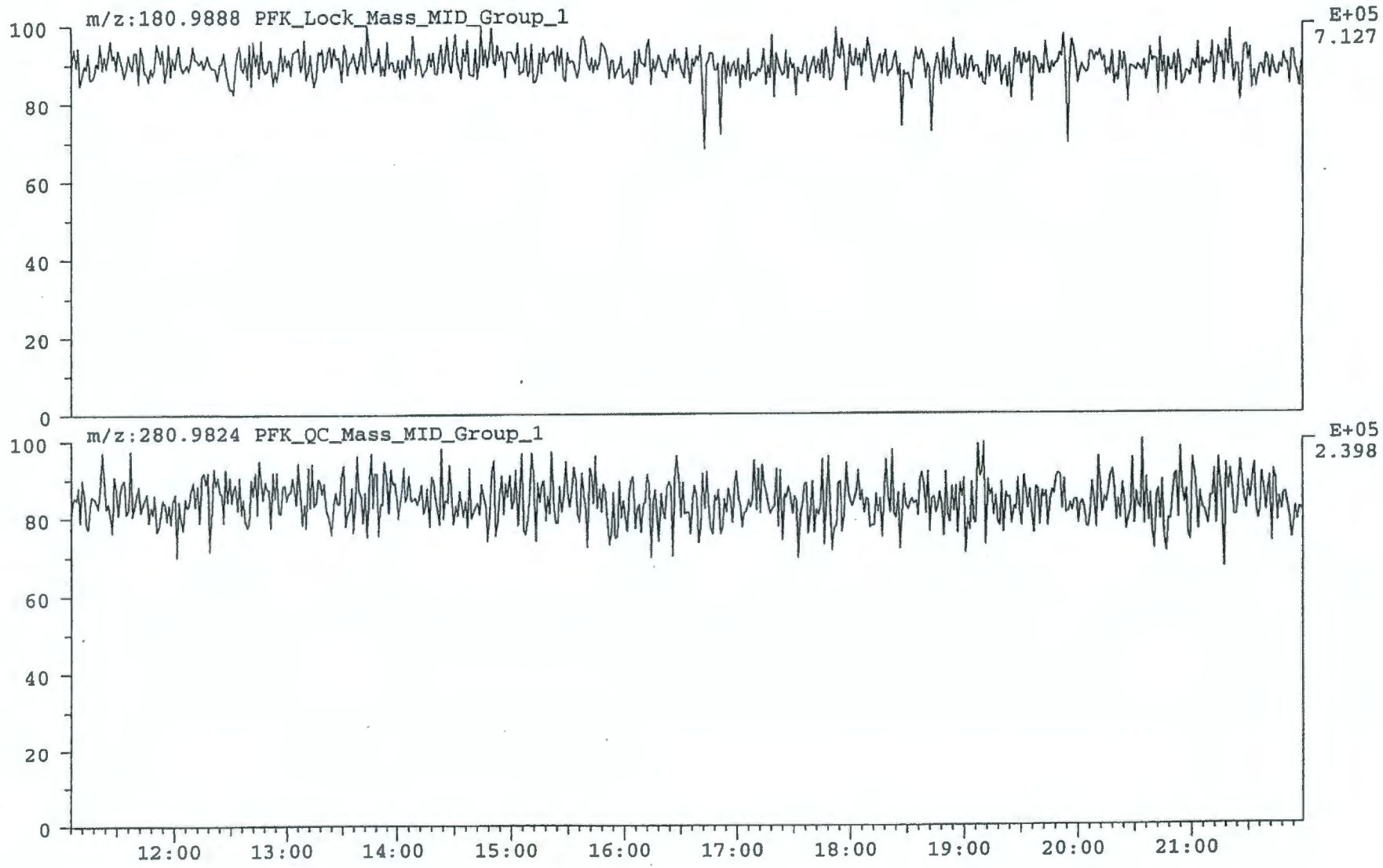
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  52:13      2328
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2165 > 2483          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



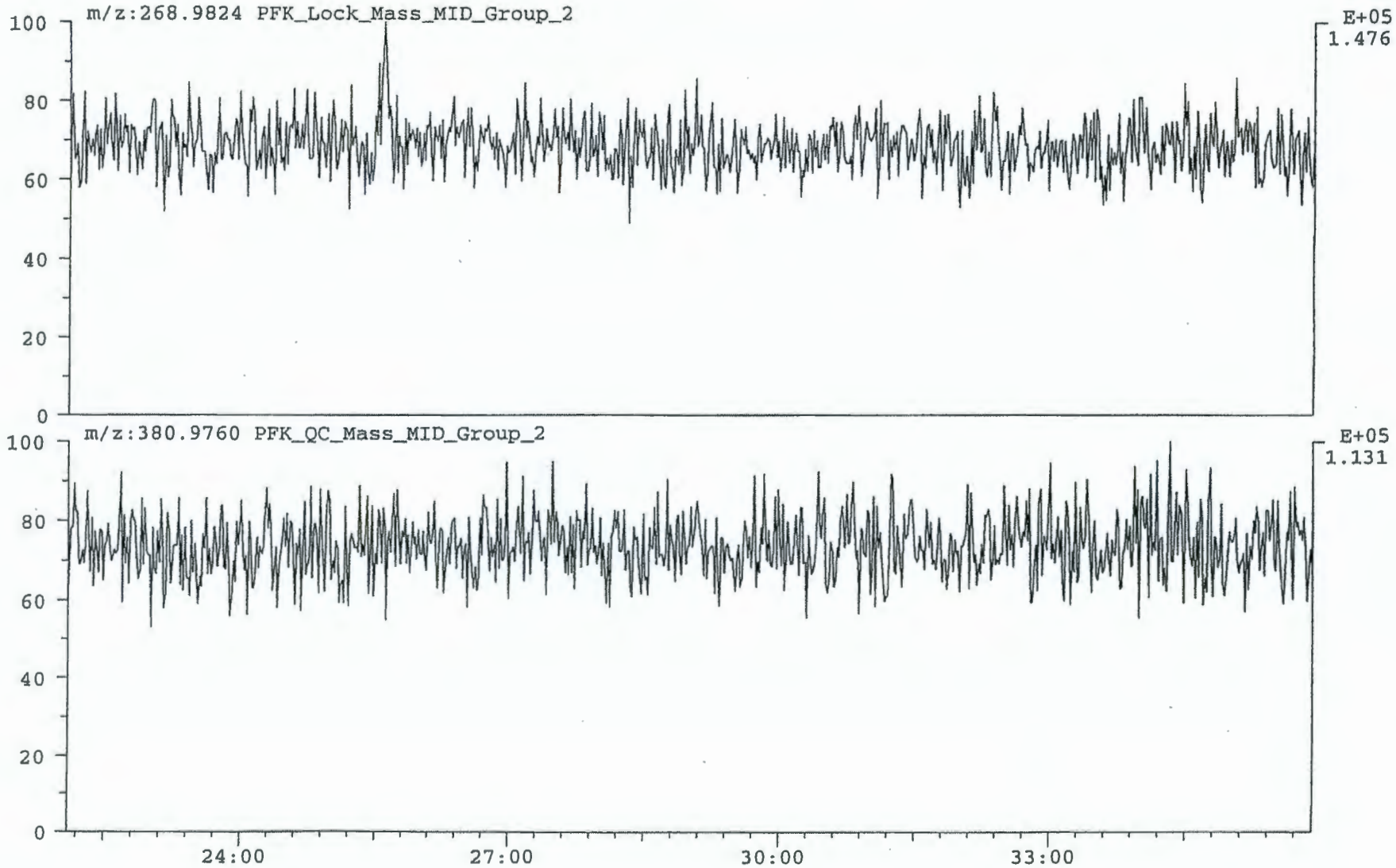
```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2511 > 2591          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



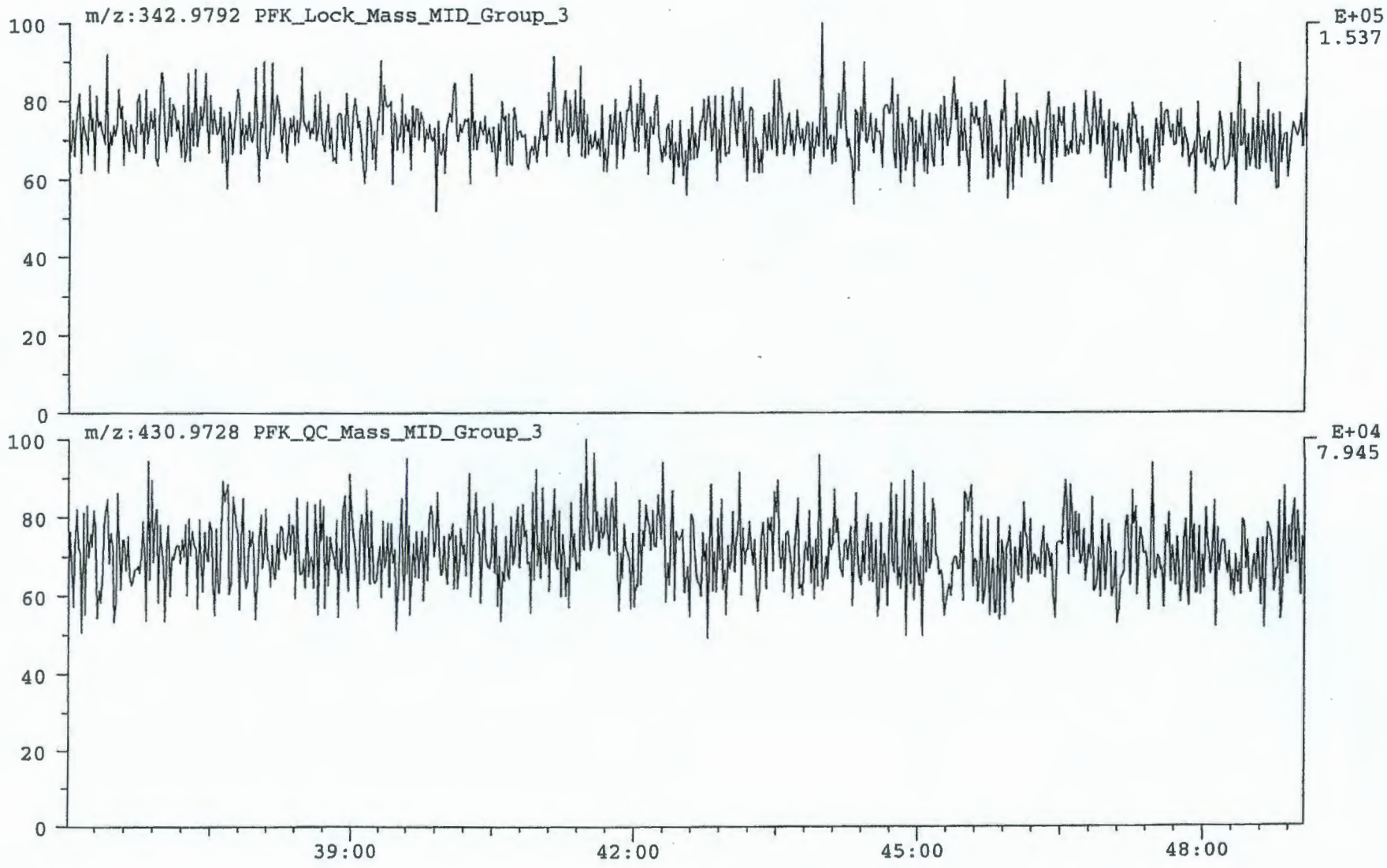
CHRO: apj7c1tc 28-Sep-07 Elapse: 56:12 2554
Samp: Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1 Start : 08:45:47 2600
Comm: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: PMP Client: H7I210000-161C Inlet : GC Vial 32
Peak: 100.00 ppm Label wndw: 6 > 624 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP          Client:  H7I210000-161C               Inlet :  GC     Vial 32
Peak:  100.00  ppm     Label wndw:   627 > 1410           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  0, 0.0
Disp:  Height  Area
```

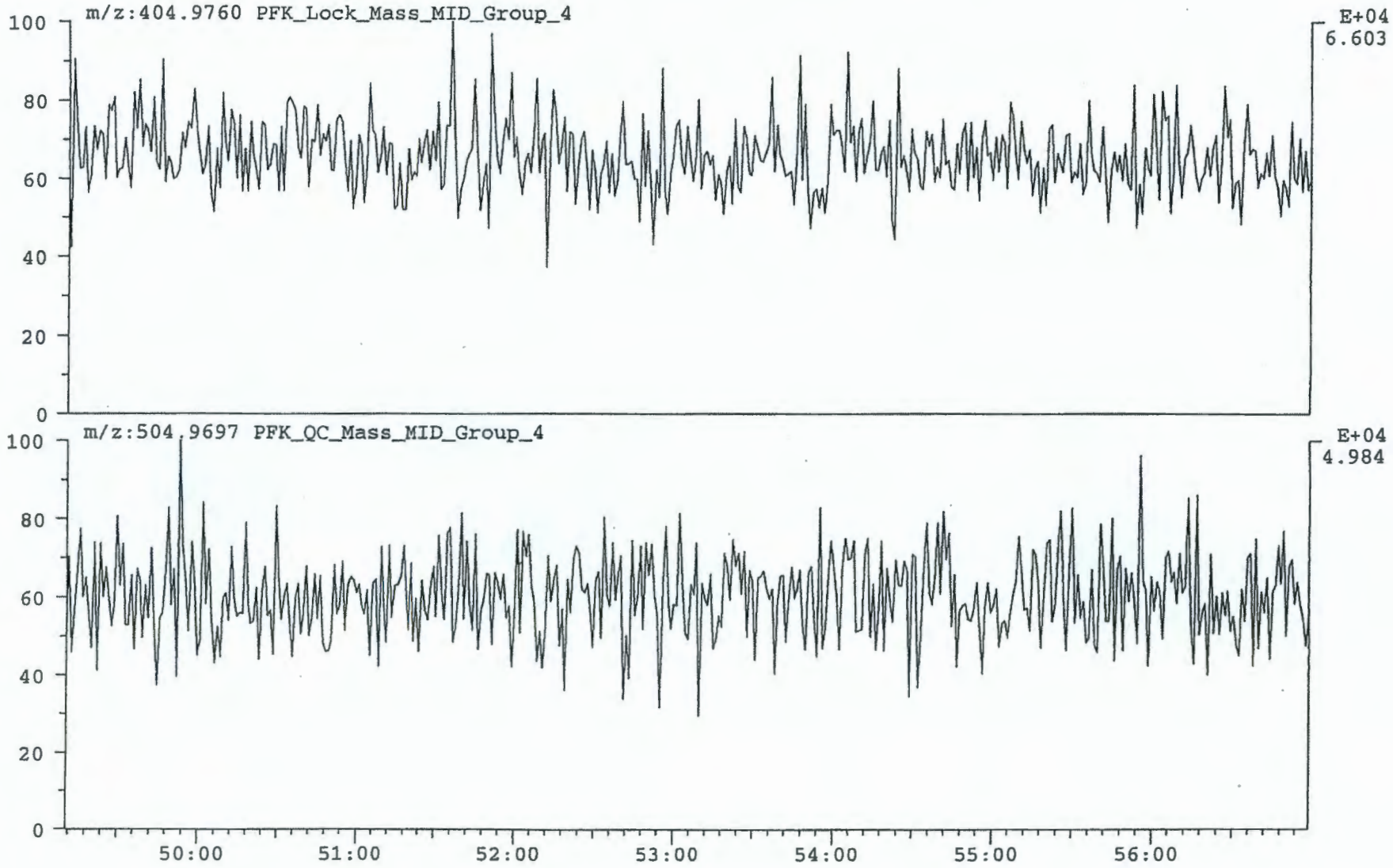


```
CHRO:  apj7c1tc                                28-Sep-07   Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                  Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C              Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   1412 > 2153          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  0, 0.0
Disp:  Height  Area
```



2664

```
CHRO:  apj7c1tc                                28-Sep-07  Elapse:  56:12      2554
Samp:  Vial 32 WO=j7c1t1ac Meth=IE5 Dil=1                 Start :  08:45:47   2600
Comm:  Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  PMP            Client:  H7I210000-161C             Inlet :  GC     Vial  32
Peak:  100.00  ppm      Label wndw:   2155 > 2598         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  0, 0.0
Disp:  Height  Area
```



Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: apj7c1tc
Study: 7264161 (10.0g)
Sample: WO=j7c1t1ac Meth=IE5 Dil=1
Amount: 0.00
Volume: 0.00
Operator: PMP
Client: H7I210000-161C
Comments: Inst=m1d/35055-03a Batch=20070927s2 Ccal=20070313i
Injected volume: 2.00
Sample from Vial 32
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 2 of list 070927
ICL procedure: sleep7x
MID procedure: epa1668

MID Remarks: EPA 1668 - 209 PCBs- 2m/z's - 6/29/05

Mid Set Up Parameter:

Measure/lock ratio	1
Damping Relay	FALSE
Width first lock	0.10 amu
Electric jump time	10 ms
Magnetic jump time	60 ms
Offset	75 cts
Electric range	300 %
Sweep peak width	3.00
MID mode	Lock mode
Acq mode	Cent mode

Mid Time Windows:

	Start	Measure	End	Cycletime
# 1	11:00 min	11:00 min	22:00 min	1.00 sec
# 2	22:00 min	13:55 min	35:55 min	1.00 sec
# 3	35:55 min	13:10 min	49:05 min	1.00 sec
# 4	49:05 min	7:55 min	57:00 min	1.00 sec

Mid Masses:
Window # 1

mass	F	int	gr	time (ms)
180.9888	l	10	1	4.10
188.0393		1	1	47.79
190.0363		1	1	47.79
200.0795		1	1	47.79
202.0766		1	1	47.79
222.0003		1	1	47.79
223.9974		1	1	47.79
234.0406		1	1	47.79
236.0376		1	1	47.79
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
269.9986		1	1	47.79
280.9824	c	10	1	4.10
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79

Window # 2

mass	F	int	gr	time (ms)
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
268.9824	1	10	1	4.10
269.9986		1	1	47.79
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
380.9760	c	10	1	4.10

Window # 3

mass	F	int	gr	time (ms)
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
342.9792	1	10	1	4.10
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
393.8025		1	1	47.79
395.7995		1	1	47.79
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
430.9728	c	10	1	4.10
439.8038		1	1	47.79
441.8008		1	1	47.79

Window # 4

mass	F	int	gr	time (ms)
393.8025		1	1	47.79
395.7995		1	1	47.79
404.9760	1	10	1	4.10
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
439.8038		1	1	47.79
441.8008		1	1	47.79
461.7246		1	1	47.79
463.7216		1	1	47.79
473.7648		1	1	47.79
475.7619		1	1	47.79
495.6856		1	1	47.79
497.6826		1	1	47.79
504.9697	c	10	1	4.10
507.7258		1	1	47.79
509.7229		1	1	47.79

Auto Sampler descriptor: 2ul
Normal Injection
Injector A
Slvnt A cln before inj (K): 3 times
Slvnt B cln before inj (L): 0 times

Sample rinse cycles	(R):	0	times
Syringe filling volume	(F):	1.0	ul
Pullup delay time	(D):	4	sec
Sample pullup count	(P):	2	times
Sample pullup speed	(E):	5.0	ul/sec
Slvnt aftr pre inj cln	(U):	0.0	ul
Air after pre inj cln	(G):	2.0	ul
Sample volume	(V):	2.0	ul
Sample air volume	(A):	2.0	ul
Injection speed	(S):	10.0	ul/sec
Pre Inj. wait time	(W):	10	sec
Post Inj. hold time	(H):	3	sec
Solvent A clean cycles	(C):	15	times
Solvent B clean cycles	(B):	0	times
Loop clean w slvnt A	(LC):	0	times
Loop clean w slvnt B	(LB):	0	times
Standard sample volume	(X):	0.0	ul
Standard air volume	(Y):	0.0	ul
2nd Injection volume	(I):	0.0	ul
Air volume of 2nd inj	(J):	0.0	ul
Time btwn 2 injections	(T):	0	sec

GC descriptor : epa1668

Injector:	270 deg		270 deg max
Transfer Line:	280 deg		280 deg max
Column:	75 deg at	0.0 minutes	280 deg max
	75 deg at	2.0 minutes	
	150 deg at	7.0 minutes	
	270 deg at	55.0 minutes	
	270 deg at	57.0 minutes	

Inlet : Splitless mode
- Purge time 1.5 min
- Purge flow 40.0 ml/min
- Gas saver is on
- Saver time 3.0 min
- Saver flow 15.0 ml/min

Column : Constant Flow 1.0 ml
Stabilize time 0.5 minutes

ICL Parameters

BCORRL	0.0150	BCORRS	0.0110	BCURR	16383.0000
BDEV	16383.0000	BFM	2.0000	BLM	1034.0919
BMASS	192.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.6235
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-13.3750
DRAWC	1.0000	DRAWS	-0.0050	ECORR	0.9993
ECURR	1.0000	EDAC	7969177.0000	EDACG	1.0003
EDACR	23.0000	EDACZ	-2399.0000	ELEN	56.3500
EMULT	2.3000	ENS	166.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	148.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	600.9615	FSLOPE	54000000.0000	FVANAL	307.0000
FVINLET	292.0000	FVSRC	944.0000	FWIN	0.7000
GCTC	204.0000	GCTI	270.0000	GCTL	280.0000
HACCU	156.0000	HCURR	1.5784	HVANAL	1327.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4774.1100	IST	269.8026
ISTC	0.0000	ISTCKP	5.0000	ISTCTD	1.0000
ISTCTN	2.0000	ISTCTS	60.0000	ISTCTV	3.0000
ISTS	270.0000	LENS	1402.0000	LENSS	84.4000
LKM	192.9888	LM	800.0000	LMASS	192.9888
LMII	500.0000	MASS	192.9888	MDAC	2480089.8651

MDACR	23.0000	MRANGE	1034.0919	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	1794.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-6.0250
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10123.0330	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	1.0000	SHIELD	2456.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.8000	TCURR	0.8984
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UOFS	5.0000
URATIO	1.9800	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	192.9888	XLENS	2613.0000
XLENSS	-14.4000	YLENS	3700.0000	YLENSS	22.8000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 28-Sep-07 08:45:47.7

Autosampler has injected sample from vial 32
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 8405
MID Time Window 3: Resolution is 8573
MID Time Window 4: Resolution is 7788
Analysis stopped at: 28-Sep-07 09:42:50.4 (run time 57.03 minutes)
Analysis stopped because MID run finished

MATRIX/MATRIX SPIKE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	J00132	**Work Order # ...:**	J64JX1AC-MS	**Matrix .....:**	BIOLOGICAL
OS Lot-Sample# :	H7I180256 - 002		J64JX1AD-MSD		
Prep Date .....:	09/21/07	**Analysis Date ..:**	09/28/07		
Prep Batch # ...:	7264161				
Dilution Factor :	1				
Analyst ID.....:	Daniel (Dan) C. Gobich	**Instrument ID..:**	M1D	**Method.....:**	EPA-22 1668A
Initial Wgt/Vol:	10 g				

PARAMETER	SAMPLE AMOUNT	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS
PCB 1 (BZ)	0.0013	0.50	0.44	ng/g	87 B	(50 - 150)		
	0.0013	0.50	0.44	ng/g	88 B	(50 - 150)	1.9	(0 - 50)
PCB 3 (BZ)	ND	0.50	0.38	ng/g	76	(50 - 150)		
	ND	0.50	0.40	ng/g	79	(50 - 150)	3.9	(0 - 50)
PCB 4 (BZ)	0.0043	0.50	0.45	ng/g	88 B	(50 - 150)		
	0.0043	0.50	0.43	ng/g	85 B	(50 - 150)	3.6	(0 - 50)
PCB 15 (BZ)	0.0033	0.50	0.41	ng/g	80 B	(50 - 150)		
	0.0033	0.50	0.41	ng/g	81 B	(50 - 150)	0.70	(0 - 50)
PCB 19 (BZ)	ND	0.50	0.52	ng/g	103	(50 - 150)		
	ND	0.50	0.50	ng/g	100	(50 - 150)	3.1	(0 - 50)
PCB 37 (BZ)	0.0059	0.50	0.43	ng/g	85	(50 - 150)		
	0.0059	0.50	0.43	ng/g	85	(50 - 150)	0.17	(0 - 50)
PCB 77 (BZ)	0.017	0.50	0.48	ng/g	93	(50 - 150)		
	0.017	0.50	0.49	ng/g	94	(50 - 150)	0.45	(0 - 50)
PCB 81 (BZ)	ND	0.50	0.45	ng/g	90	(50 - 150)		
	ND	0.50	0.44	ng/g	88	(50 - 150)	2.1	(0 - 50)
PCB 104 (BZ)	ND	0.50	0.46	ng/g	92	(50 - 150)		
	ND	0.50	0.46	ng/g	91	(50 - 150)	0.94	(0 - 50)
PCB 105 (BZ)	1.1	0.50	1.9	ng/g	152 a	(50 - 150)		
	1.1	0.50	1.9	ng/g	154 a	(50 - 150)	0.40	(0 - 50)
PCB 114 (BZ)	0.060	0.50	0.52	ng/g	92	(50 - 150)		
	0.060	0.50	0.52	ng/g	93	(50 - 150)	1.2	(0 - 50)
PCB 118 (BZ)	2.7	0.50	3.8	ng/g	212 a B	(50 - 150)		
	2.7	0.50	3.7	ng/g	205 a B	(50 - 150)	0.92	(0 - 50)
PCB 123 (BZ)	0.043	0.50	0.50	ng/g	91	(50 - 150)		
	0.043	0.50	0.50	ng/g	91	(50 - 150)	0.19	(0 - 50)
PCB 126 (BZ)	0.017	0.50	0.45	ng/g	86	(50 - 150)		
	0.017	0.50	0.41	ng/g	79 Q	(50 - 150)	8.7	(0 - 50)
PCB 155 (BZ)	ND	0.50	0.47	ng/g	94	(50 - 150)		
	ND	0.50	0.45	ng/g	91	(50 - 150)	3.8	(0 - 50)
PCB 156 (BZ)	0.18	1.0	1.0	ng/g	87 C	(50 - 150)		
	0.18	1.0	1.1	ng/g	89 C	(50 - 150)	2.6	(0 - 50)
PCB 157 (BZ)	0.18	1.0	1.0	ng/g	87 C15 6	(50 - 150)		
	0.18	1.0	1.1	ng/g	89 C15 6	(50 - 150)	2.6	(0 - 50)
PCB 167 (BZ)	0.069	0.50	0.55	ng/g	96	(50 - 150)		
	0.069	0.50	0.52	ng/g	91	(50 - 150)	5.0	(0 - 50)
PCB 169 (BZ)	ND	0.50	0.43	ng/g	86	(50 - 150)		

MATRIX/MATRIX SPIKE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	J00132	**Work Order # ...:**	J64JX1AC-MS	**Matrix .....:**	BIOLOGICAL
OS Lot-Sample# :	H7I180256 - 002		J64JX1AD-MSD		
Prep Date .....:	09/21/07	**Analysis Date ..:**	09/28/07		
Prep Batch # ...:	7264161				
Dilution Factor :	1				
Analyst ID.....:	Daniel (Dan) C. Gobich	**Instrument ID..:**	M1D	**Method.....:**	EPA-22 1668A
Initial Wgt/Vol:	10 g				

PARAMETER	SAMPLE AMOUNT	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS
	ND	0.50	0.44	ng/g	88	(50 - 150)	2.1	(0 - 50)
PCB 188 (BZ)	ND	0.50	0.45	ng/g	91	(50 - 150)		
	ND	0.50	0.46	ng/g	91	(50 - 150)	0.39	(0 - 50)
PCB 189 (BZ)	0.0079	0.50	0.44	ng/g	86	(50 - 150)		
	0.0079	0.50	0.46	ng/g	90	(50 - 150)	3.9	(0 - 50)
PCB 202 (BZ)	0.022	0.50	0.49	ng/g	93	(50 - 150)		
	0.022	0.50	0.47	ng/g	90	(50 - 150)	3.4	(0 - 50)
PCB 205 (BZ)	0.0046	0.50	0.49	ng/g	97	(50 - 150)		
	0.0046	0.50	0.49	ng/g	97	(50 - 150)	0.070	(0 - 50)
PCB 206 (BZ)	0.023	0.50	0.51	ng/g	97	(50 - 150)		
	0.023	0.50	0.49	ng/g	93	(50 - 150)	3.9	(0 - 50)
PCB 208 (BZ)	0.0039	0.50	0.48	ng/g	94	(50 - 150)		
	0.0039	0.50	0.47	ng/g	93	(50 - 150)	1.2	(0 - 50)
PCB 209 (BZ)	0.0046	0.50	0.48	ng/g	95	(50 - 150)		
	0.0046	0.50	0.50	ng/g	98	(50 - 150)	3.4	(0 - 50)

MATRIX/MATRIX SPIKE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	J00132	**Work Order # ...:**	J64JX1AC-MS	**Matrix .....:**	BIOLOGICAL
OS Lot-Sample# :	H7I180256 - 002		J64JX1AD-MSD		
Prep Date .....:	09/21/07	**Analysis Date ..:**	09/28/07		
Prep Batch # ...:	7264161				
Dilution Factor :	1				
Analyst ID.....:	Daniel (Dan) C. Gobich	**Instrument ID..:**	M1D	**Method.....:**	EPA-22 1668A
Initial Wgt/Vol:	10 g				

INTERNAL STANDARD	PERCENT RECOVERY		RECOVERY LIMITS
13C12-PCB 1	48		(30 - 140)
	51		(30 - 140)
13C12-PCB 3	45		(30 - 140)
	47		(30 - 140)
13C12-PCB 4	61		(30 - 140)
	66		(30 - 140)
13C12-PCB 15	64		(30 - 140)
	65		(30 - 140)
13C12-PCB 19	67		(30 - 140)
	71		(30 - 140)
13C12-PCB 37	72		(30 - 140)
	74		(30 - 140)
13C12-PCB 54	75		(30 - 140)
	74		(30 - 140)
13C12-PCB 77	70		(30 - 140)
	74		(30 - 140)
13C12-PCB 81	70		(30 - 140)
	74		(30 - 140)
13C12-PCB 104	72		(30 - 140)
	74		(30 - 140)
13C12-PCB 105	73		(30 - 140)
	75		(30 - 140)
13C12-PCB 114	71		(30 - 140)
	74		(30 - 140)
13C12-PCB 118	76		(30 - 140)
	80		(30 - 140)
13C12-PCB 123	72		(30 - 140)
	76		(30 - 140)
13C12-PCB 126	69		(30 - 140)
	71		(30 - 140)
13C12-PCB 155	81		(30 - 140)
	86		(30 - 140)
13C12-PCB 156	74	C	(30 - 140)
	75	C	(30 - 140)
13C12-PCB 157	74	C	(30 - 140)
	75	C	(30 - 140)
13C12-PCB 167	71		(30 - 140)
	72		(30 - 140)
13C12-PCB 169	56		(30 - 140)
	55		(30 - 140)

MATRIX/MATRIX SPIKE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	J00132	**Work Order # ...:**	J64JX1AC-MS	**Matrix .....:**	BIOLOGICAL
OS Lot-Sample# :	H7I180256 - 002		J64JX1AD-MSD		
Prep Date .....:	09/21/07	**Analysis Date ..:**	09/28/07		
Prep Batch # ...:	7264161				
Dilution Factor :	1				
Analyst ID.....:	Daniel (Dan) C. Gobich	**Instrument ID..:**	M1D	**Method.....:**	EPA-22 1668A
Initial Wgt/Vol:	10 g				

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 170	68	(30 - 140)
	71	(30 - 140)
13C12-PCB 188	96	(30 - 140)
	102	(30 - 140)
13C12-PCB 189	87	(30 - 140)
	86	(30 - 140)
13C12-PCB 202	99	(30 - 140)
	108	(30 - 140)
13C12-PCB 205	83	(30 - 140)
	82	(30 - 140)
13C12-PCB 206	92	(30 - 140)
	97	(30 - 140)
13C12-PCB 208	96	(30 - 140)
	97	(30 - 140)
13C12-PCB 209	109	(30 - 140)
	114	(30 - 140)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	74	(40 - 125)
	75	(40 - 125)
13C12-PCB 111	79	(40 - 125)
	80	(40 - 125)
13C12-PCB 178	91	(40 - 125)
	96	(40 - 125)

Notes:

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

C Co-eluting isomer.

Q Estimated maximum possible concentration (EMPC).

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
Total Monochlorobiphenyl		1656452	496770			12.345919		1.234592	B	0.00268
13C12-PCB 1	12:12	1084239	382433	1.318	10.00	4.765958	47.66	0.476596		0.00129
13C12-PCB 3	14:27	1021828	283835	1.325	10.00	4.465154	44.65	0.446515		0.00128
PCB 1 (BZ)	12:12	591434	202995	1.253	5.000	4.353882	87.08	0.435388	B	0.000783
PCB 2 (BZ)	14:17	539069	145009	1.226	5.000	4.174324	83.49	0.417432	B	0.000918
PCB 3 (BZ)	14:28	525949	148766	1.348	5.000	3.817713	76.35	0.381771		0.000980
Total Dichlorobiphenyl		6934324	1658377			53.818039		5.381804	B	0.0285
13C12-PCB 4	14:44	652408	191303	0.615	10.00	6.145632	61.46	0.614563		0.00142
13C12-PCB 9	16:42	1726496	453723	1.000	10.00	10.000000	100.00	1.000000		0.000876
13C12-PCB 8				1.332	5.000			ND		0.00141
13C12-PCB 15	20:46	1168382	231810	1.065	10.00	6.355597	63.56	0.635560		0.000823
PCB 4 (BZ)	14:45	352753	103745	1.212	5.000	4.462788	89.26	0.446279	B	0.00330
PCB 10 (BZ)	14:54	545512	168357	1.326	5.000	4.520257	90.41	0.452026	B	0.00273
PCB 9 (BZ)	16:43	580077	155496	1.445	5.000	4.408679	88.17	0.440868	B	0.00250
PCB 7 (BZ)	16:51	604267	151798	1.432	5.000	4.636057	92.72	0.463606	B	0.00253
PCB 6 (BZ)	17:09	605174	153492	1.450	5.000	4.584034	91.68	0.458403	B	0.00249
PCB 5 (BZ)	17:29	518121	140704	1.356	5.000	4.197433	83.95	0.419743	B	0.00267
PCB 8 (BZ)	17:36	624951	153710	1.477	5.000	4.648162	92.96	0.464816	B	0.00245
PCB 14 (BZ)	19:11	715861	172266	1.687	5.000	4.659817	93.20	0.465982	B	0.00214
PCB 11 (BZ)	20:06	612529	129085	1.448	5.000	4.647502	92.95	0.464750	B	0.00250
PCB 13 (BZ)		1191461		1.454	10.00	9.001294	90.01	0.900129	BC12	0.00249
PCB 12 (BZ)	20:25	1191461	207126	1.454	10.00	9.001294	90.01	0.900129	BC	0.00249
PCB 15 (BZ)	20:47	583618	122598	1.233	5.000	4.052016	81.04	0.405202	B	0.00268
Total Trichlorobiphenyl		14665671	2590307			115.526497		11.552650	B	0.0431
13C12-PCB 19	17:57	523139	136856	0.558	10.00	6.715892	67.16	0.671589		0.00371
13C12-PCB 32	21:11	1395119	325759	1.000	10.00	10.000000	100.00	1.000000		0.00207
13C12-PCB 31	23:26	1899951	410145	1.000	10.00	10.000000	100.00	1.000000		0.00165
13C12-PCB 28	23:43	1359251	285135	0.968	10.00	7.391718	73.92	0.739172		0.00170
13C12-PCB 37	27:51	1216866	216826	0.885	10.00	7.234911	72.35	0.723491		0.00186
PCB 19 (BZ)	17:58	318579	85573	1.178	5.000	5.170964	103.42	0.517096		0.00307
PCB 30 (BZ)	19:39	514134	128817	1.874	5.000	5.243240	104.86	0.524324		0.00193
PCB 18 (BZ)	19:49	382247	89887	1.262	5.000	5.789139	115.78	0.578914	B	0.00287
PCB 17 (BZ)	20:12	375069	91634	1.326	5.000	5.407110	108.14	0.540711	B	0.00273
PCB 27 (BZ)	20:27	524022	125090	1.945	5.000	5.149736	102.99	0.514974		0.00186
PCB 24 (BZ)	20:34	478607	121783	1.782	5.000	5.134016	102.68	0.513402		0.00203
PCB 16 (BZ)	20:44	300727	73376	1.157	5.000	4.967021	99.34	0.496702		0.00313
PCB 32 (BZ)	21:12	559208	126278	1.966	5.000	5.435979	108.72	0.543598		0.00184
PCB 34 (BZ)	22:25	604915	142893	1.216	5.000	4.088202	81.76	0.408820	B	0.00188
PCB 23 (BZ)	22:33	673113	147463	1.208	5.000	4.579821	91.60	0.457982	B	0.00189
PCB 29 (BZ)	22:54	1375799	262878	1.265	10.00	8.939504	89.40	0.893950	BC26	0.00181
PCB 26 (BZ)		1375799		1.265	10.00	8.939504	89.40	0.893950	BC	0.00181
PCB 25 (BZ)	23:08	738472	154013	1.362	5.000	4.457170	89.14	0.445717	B	0.00168
PCB 31 (BZ)	23:27	902552	194237	1.285	5.000	5.770041	115.40	0.577004	B	0.00178
PCB 28 (BZ)	23:45	1444325	176406	1.238	10.00	9.584983	95.85	0.958498	BC20	0.00184
PCB 20 (BZ)		1444325		1.238	10.00	9.584983	95.85	0.958498	BC	0.00184
PCB 21 (BZ)		1467503		1.276	10.00	9.454061	94.54	0.945406	BC	0.00179
PCB 33 (BZ)	24:02	1467503	164130	1.276	10.00	9.454061	94.54	0.945406	BC21	0.00179
PCB 22 (BZ)	24:28	679993	150021	1.218	5.000	4.587236	91.74	0.458724	B	0.00187
PCB 36 (BZ)	25:55	678021	132472	1.286	5.000	4.333459	86.67	0.433346		0.00178

BAW 10/1/07
DC 10/1/07

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	N1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 39 (BZ)	26:20	693907	134602	1.330	5.000	4.287342	85.75	0.428734		0.00172
PCB 38 (BZ)	26:54	659052	126914	1.246	5.000	4.346607	86.93	0.434661		0.00183
PCB 35 (BZ)	27:26	651057	112033	1.195	5.000	4.475940	89.52	0.447594		0.00191
PCB 37 (BZ)	27:53	644369	112685	1.224	5.000	4.324924	86.50	0.432492		0.00186
Total Tetrachlorobiphenyl		29186577	4693040			256.464950		25.646495	B	0.0892
13C12-PCB 54	21:06	621797	158479	0.598	10.00	7.458399	74.58	0.745840		0.00148
13C12-PCB 52	25:34	1107570	244631	1.000	10.00	10.000000	100.00	1.000000		0.00118
13C12-PCB 79				1.089	5.000			ND		0.00148
13C12-PCB 81	34:34	992275	177496	1.286	10.00	6.964336	69.64	0.696434		0.000914
13C12-PCB 77	35:11	1002291	178394	1.297	10.00	6.976230	69.76	0.697623		0.000906
PCB 54 (BZ)	21:07	365196	87440	1.211	5.000	4.849616	96.99	0.484962		0.00283
PCB 50 (BZ)	23:14	846831	105662	0.927	10.00	9.161874	91.62	0.916187	C	0.00329
PCB 53 (BZ)		846831		0.927	10.00	9.161874	91.62	0.916187	C50	0.00329
PCB 45 (BZ)	23:57	814066	168488	0.857	10.00	9.522655	95.23	0.952265	BC	0.00356
PCB 51 (BZ)		814066		0.857	10.00	9.522655	95.23	0.952265	BC45	0.00356
PCB 46 (BZ)	24:17	344959	72960	0.706	5.000	4.897129	97.94	0.489713		0.00432
PCB 52 (BZ)	25:35	1003612	226348	0.926	5.000	10.868425	217.37	1.086843	B	0.00329
PCB 73 (BZ)	25:43	901864	124797	0.957	10.00	9.446039	94.46	0.944604	C43	0.00318
PCB 43 (BZ)		901864		0.957	10.00	9.446039	94.46	0.944604	C	0.00318
PCB 69 (BZ)	25:56	533761	115628	1.180	5.000	4.533931	90.68	0.453393		0.00258
PCB 49 (BZ)	26:04	799109	170649	1.005	5.000	7.970352	159.41	0.797035	B	0.00303
PCB 48 (BZ)	26:20	425605	94391	0.886	5.000	4.816962	96.34	0.481696		0.00344
PCB 65 (BZ)	26:34	1542464	208944	1.024	15.00	15.108053	100.72	1.510805	BC44	0.00298
PCB 47 (BZ)		1542464		1.024	15.00	15.108053	100.72	1.510805	BC44	0.00298
PCB 44 (BZ)		1542464		1.024	15.00	15.108053	100.72	1.510805	BC	0.00298
PCB 62 (BZ)	26:50	1804065	205498	1.297	15.00	13.952485	93.02	1.395248	BC59	0.00235
PCB 75 (BZ)		1804065		1.297	15.00	13.952485	93.02	1.395248	BC59	0.00235
PCB 59 (BZ)		1804065		1.297	15.00	13.952485	93.02	1.395248	BC	0.00235
PCB 42 (BZ)	27:09	430695	89130	0.860	5.000	5.024149	100.48	0.502415		0.00355
PCB 41 (BZ)	27:34	349387	74205	0.723	5.000	4.843200	96.86	0.484320		0.00421
PCB 71 (BZ)	27:40	907983	134845	0.953	10.00	9.551060	95.51	0.955106	C40	0.00320
PCB 40 (BZ)		907983		0.953	10.00	9.551060	95.51	0.955106	C	0.00320
PCB 64 (BZ)	27:51	1115376	225219	1.313	5.000	8.518015	170.36	0.851802		0.00232
PCB 72 (BZ)	28:36	600850	123752	1.257	5.000	4.792673	95.85	0.479267		0.00243
PCB 68 (BZ)	28:53	589595	126847	1.327	5.000	4.454686	89.09	0.445469		0.00230
PCB 57 (BZ)	29:19	571372	117977	1.194	5.000	4.798304	95.97	0.479830		0.00255
PCB 58 (BZ)	29:36	587472	117982	1.260	5.000	4.676462	93.53	0.467646		0.00242
PCB 67 (BZ)	29:43	617062	130226	1.286	5.000	4.809927	96.20	0.480993		0.00237
PCB 63 (BZ)	30:00	720633	150074	1.339	5.000	5.397824	107.96	0.539782		0.00228
PCB 61 (BZ)	30:14	490842	106029	1.190	5.000	4.135474	82.71	0.413547		0.00256
PCB 70 (BZ)	30:24	4106369	821401	1.317	15.00	31.262823	208.42	3.126282	BC	0.00231
PCB 76 (BZ)		4106369		1.317	15.00	31.262823	208.42	3.126282	BC70	0.00231
PCB 74 (BZ)		4106369		1.317	15.00	31.262823	208.42	3.126282	BC70	0.00231
PCB 66 (BZ)	30:43	3298633	662704	1.289	5.000	25.655421	513.11	2.565542	B	0.00236
PCB 55 (BZ)	30:55	573930	114257	1.161	5.000	4.958917	99.18	0.495892		0.00263
PCB 56 (BZ)	31:27	709476	137448	1.231	5.000	5.779762	115.60	0.577976		0.00248
PCB 60 (BZ)	31:40	1043649	198003	1.191	5.000	8.786945	175.74	0.878694		0.00256
PCB 80 (BZ)	31:53	714767	131263	1.416	5.000	5.061325	101.23	0.506133		0.00215
PCB 79 (BZ)	33:32	643891	112082	1.371	5.000	4.710231	94.20	0.471023		0.00222

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 78 (BZ)	34:06	567010	101437	1.181	5.000	4.813094	96.26	0.481309		0.00258
PCB 81 (BZ)	34:35	585119	110249	1.317	5.000	4.475833	89.52	0.447583		0.00232
PCB 77 (BZ)	35:12	580934	106851	1.200	5.000	4.831305	96.63	0.483131		0.00253
Total Pentachlorobiphenyl		30746667	4131173			314.537125		31.453712	BQ	0.124
13C12-PCB 104	26:29	918189	201772	1.260	10.00	7.211080	72.11	0.721108		0.00127
13C12-PCB 95				0.741	5.000			ND		0.00219
13C12-PCB 101	32:21	1010756	204997	1.000	10.00	10.000000	100.00	1.000000		0.00160
13C12-PCB 111	34:58	976895	193293	1.229	10.00	7.864057	78.64	0.786406		0.00130
13C12-PCB 123	37:01	1063152	205015	0.955	10.00	7.204462	72.04	0.720446		0.00120
13C12-PCB 118	37:20	1161133	221978	0.988	10.00	7.601635	76.02	0.760164		0.00116
13C12-PCB 114	37:53	1065704	196955	0.971	10.00	7.100942	71.01	0.710094		0.00118
13C12-PCB 105	38:37	1062127	202945	0.941	10.00	7.299521	73.00	0.729952		0.00121
13C12-PCB 127	39:57	1546005	286784	1.000	10.00	10.000000	100.00	1.000000		0.00114
13C12-PCB 126	41:41	1047455	180094	0.978	10.00	6.928876	69.29	0.692888		0.00117
PCB 104 (BZ)	26:30	486604	108411	1.149	5.000	4.610416	92.21	0.461042		0.00313
PCB 96 (BZ)	27:01	432473	92290	1.014	5.000	4.647210	92.94	0.464721		0.00355
PCB 103 (BZ)	28:45	373998	79932	0.866	5.000	4.701455	94.03	0.470145		0.00415
PCB 94 (BZ)	29:03	333506	67769	0.703	5.000	5.168216	103.36	0.516822		0.00511
PCB 95 (BZ)	29:34	937358	176827	0.859	10.00	11.888319	118.88	1.188832	BC	0.00418
PCB 100 (BZ)		937358		0.859	10.00	11.888319	118.88	1.188832	BC95	0.00418
PCB 93 (BZ)	29:45	284231	66894	0.701	5.000	4.413216	88.26	0.441322	Q	0.00512
PCB 102 (BZ)	29:52	750465	102089	0.822	10.00	9.940183	99.40	0.994018	C98	0.00437
PCB 98 (BZ)		750465		0.822	10.00	9.940183	99.40	0.994018	C	0.00437
PCB 88 (BZ)	30:15	322116	69595	0.723	5.000	4.852754	97.06	0.485275		0.00497
PCB 91 (BZ)	30:24	411936	85190	0.864	5.000	5.193932	103.88	0.519393		0.00416
PCB 84 (BZ)	30:42	287681	62243	0.679	5.000	4.611870	92.24	0.461187		0.00529
PCB 89 (BZ)	31:09	322547	67373	0.717	5.000	4.897552	97.95	0.489755		0.00501
PCB 121 (BZ)	31:19	519374	105124	1.105	5.000	5.118798	102.38	0.511880		0.00325
PCB 92 (BZ)	31:48	584598	123484	0.772	5.000	8.243491	164.87	0.824349		0.00465
PCB 113 (BZ)	32:22	2332080	434130	0.990	15.00	25.664759	171.10	2.566476	BC90	0.00363
PCB 90 (BZ)		2332080		0.990	15.00	25.664759	171.10	2.566476	BC	0.00363
PCB 101 (BZ)		2332080		0.990	15.00	25.664759	171.10	2.566476	BC90	0.00363
PCB 83 (BZ)	32:56	1321051	273273	0.777	10.00	18.525106	185.25	1.852511	C	0.00463
PCB 99 (BZ)		1321051		0.777	10.00	18.525106	185.25	1.852511	C83	0.00463
PCB 112 (BZ)	33:05	512041	99267	1.079	5.000	5.168545	103.37	0.516855		0.00333
PCB 109 (BZ)/108 (IUPAC)	33:25	3132049	232171	0.967	30.00	35.283095	117.61	3.528309	BC86	0.00372
PCB 86 (BZ)		3132049		0.967	30.00	35.283095	117.61	3.528309	BC	0.00372
PCB 119 (BZ)		3132049		0.967	30.00	35.283095	117.61	3.528309	BC86	0.00372
PCB 97 (BZ)		3132049		0.967	30.00	35.283095	117.61	3.528309	BC86	0.00372
PCB 125 (BZ)		3132049		0.967	30.00	35.283095	117.61	3.528309	BC86	0.00372
PCB 87 (BZ)		3132049		0.967	30.00	35.283095	117.61	3.528309	BC86	0.00372
PCB 117 (BZ)	34:06	1075049	152005	0.979	15.00	11.957880	79.72	1.195788	QC85	0.00367
PCB 116 (BZ)		1075049		0.979	15.00	11.957880	79.72	1.195788	QC85	0.00367
PCB 85 (BZ)		1075049		0.979	15.00	11.957880	79.72	1.195788	QC	0.00367
PCB 110 (BZ)	34:26	2474147	479816	1.139	10.00	23.663070	236.63	2.366307	BC	0.00316
PCB 115 (BZ)		2474147		1.139	10.00	23.663070	236.63	2.366307	BC110	0.00316
PCB 82 (BZ)	34:50	286467	58507	0.605	5.000	5.160008	103.20	0.516001		0.00594
PCB 111 (BZ)	34:59	533470	107792	1.129	5.000	5.147323	102.95	0.514732		0.00318
PCB 120 (BZ)	35:27	521812	105127	1.192	5.000	4.767039	95.34	0.476704		0.00301

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 124 (BZ)		1176213		1.123	10.00	9.694586	96.95	0.969459	C108	0.00320
PCB 108 (BZ)/107 (IUPAC)	36:41	1176213	229867	1.123	10.00	9.694586	96.95	0.969459	C	0.00320
PCB 107 (BZ)/109 (IUPAC)	36:56	809607	160117	1.074	5.000	6.979658	139.59	0.697966		0.00335
PCB 123 (BZ)	37:02	601242	124523	1.136	5.000	4.978162	99.56	0.497816		0.00311
PCB 106 (BZ)	37:09	467719	97935	1.046	5.000	4.140382	82.81	0.414038		0.00344
PCB 118 (BZ)	37:22	4789326	915567	1.094	5.000	37.713020	754.26	3.771302	B	0.00299
PCB 122 (BZ)	37:46	498102	95170	1.047	5.000	4.403470	88.07	0.440347		0.00344
PCB 114 (BZ)	37:55	659284	128243	1.196	5.000	5.172085	103.44	0.517209		0.00308
PCB 105 (BZ)	38:39	2445773	465845	1.218	5.000	18.903719	378.07	1.890372		0.00293
PCB 127 (BZ)	39:59	542729	103167	1.130	5.000	4.445541	88.91	0.444554		0.00318
PCB 126 (BZ)	41:42	521620	84965	1.111	5.000	4.482262	89.65	0.448226		0.00362
Total Hexachlorobiphenyl.		27199565	4417031			304.920111		30.492011	B	0.151
13C12-PCB 155	31:59	965222	202665	1.178	10.00	8.107146	81.07	0.810715		0.00127
13C12-PCB 153				0.833	5.000			ND		0.00273
13C12-PCB 138	40:26	1134390	214685	1.000	10.00	10.000000	100.00	1.000000		0.00143
13C12-PCB 167	43:23	989160	189613	1.237	10.00	7.051167	70.51	0.705117		0.00116
13C12-PCB 156	44:41	2072253	212687	1.229	20.00	14.866056	74.33	1.486606		0.00117
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:57	759024	138365	1.188	10.00	5.634190	56.34	0.563419		0.00121
PCB 155 (BZ)	32:00	507614	107819	1.117	5.000	4.707912	94.16	0.470791		0.00278
PCB 152 (BZ)	32:25	474365	96892	1.023	5.000	4.802687	96.05	0.480269		0.00304
PCB 150 (BZ)	32:30	451896	101018	1.032	5.000	4.535284	90.71	0.453528		0.00301
PCB 136 (BZ)	33:01	497007	101552	0.967	5.000	5.327319	106.55	0.532732		0.00322
PCB 145 (BZ)	33:13	475131	96104	1.021	5.000	4.823521	96.47	0.482352		0.00305
PCB 148 (BZ)	34:35	341582	71297	0.749	5.000	4.724911	94.50	0.472491		0.00415
PCB 151 (BZ)	35:23	1299461	138197	0.781	15.00	17.248859	114.99	1.724886	C135	0.00398
PCB 135 (BZ)		1299461		0.781	15.00	17.248859	114.99	1.724886	C	0.00398
PCB 154 (BZ)		1299461		0.781	15.00	17.248859	114.99	1.724886	C135	0.00398
PCB 144 (BZ)	35:49	386113	80547	0.759	5.000	5.272817	105.46	0.527282		0.00410
PCB 147 (BZ)	36:11	997362	165947	0.862	10.00	12.117410	121.17	1.211741	BC	0.00541
PCB 149 (BZ)		997362		0.862	10.00	12.117410	121.17	1.211741	BC147	0.00541
PCB 134 (BZ)	36:32	719720	81084	0.711	10.00	10.591860	105.92	1.059186	C	0.00655
PCB 143 (BZ)		719720		0.711	10.00	10.591860	105.92	1.059186	C134	0.00655
PCB 139 (BZ)	36:45	856781	127376	0.856	10.00	10.483287	104.83	1.048329	C	0.00545
PCB 140 (BZ)		856781		0.856	10.00	10.483287	104.83	1.048329	C139	0.00545
PCB 131 (BZ)	37:02	329842	65815	0.713	5.000	4.840190	96.80	0.484019		0.00653
PCB 142 (BZ)	37:10	358924	70418	0.735	5.000	5.113058	102.26	0.511306		0.00634
PCB 132 (BZ)	37:34	397905	77781	0.710	5.000	5.866092	117.32	0.586609		0.00656
PCB 133 (BZ)	37:54	415829	80545	0.768	5.000	5.666184	113.32	0.566618		0.00607
PCB 165 (BZ)	38:17	496384	101279	0.993	5.000	5.234747	104.69	0.523475		0.00469
PCB 146 (BZ)	38:32	785561	158302	0.874	5.000	9.413876	188.28	0.941388		0.00533
PCB 161 (BZ)	38:39	555231	106081	1.090	5.000	5.334985	106.70	0.533498		0.00428
PCB 153 (BZ)	39:08	4038221	732248	1.068	10.00	39.570829	395.71	3.957083	BC	0.00436
PCB 168 (BZ)		4038221		1.068	10.00	39.570829	395.71	3.957083	BC153	0.00436
PCB 141 (BZ)	39:25	586130	107029	0.756	5.000	8.119863	162.40	0.811986		0.00617
PCB 130 (BZ)	39:51	408295	83063	0.708	5.000	6.034130	120.68	0.603413		0.00658
PCB 137 (BZ)	40:00	526750	98958	0.835	5.000	6.604207	132.08	0.660421		0.00558
PCB 164 (BZ)	40:11	630972	123118	1.033	5.000	6.394112	127.88	0.639411		0.00451
PCB 138 (BZ)	40:28	5019294	804858	0.922	20.00	56.996233	284.98	5.699623	BC129	0.00506

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 163 (BZ)		5019294		0.922	20.00	56.996233	284.98	5.699623	BC129	0.00506
PCB 129 (BZ)		5019294		0.922	20.00	56.996233	284.98	5.699623	BC	0.00506
PCB 160 (BZ)		5019294		0.922	20.00	56.996233	284.98	5.699623	BC129	0.00506
PCB 158 (BZ)	40:49	843170	155922	1.191	5.000	7.411122	148.22	0.741112		0.00391
PCB 166 (BZ)	41:40	562445	109721	1.102	5.000	5.342851	106.86	0.534285		0.00423
PCB 128 (BZ)	41:49	862378	161349	0.769	5.000	11.743725	234.87	1.174373		0.00606
PCB 159 (BZ)	42:38	530115	95005	1.079	5.000	5.142900	102.86	0.514290		0.00432
PCB 162 (BZ)	42:57	533580	102161	1.079	5.000	5.178159	103.56	0.517816		0.00432
PCB 167 (BZ)	43:25	625123	119094	1.150	5.000	5.494309	109.89	0.549431		0.00289
PCB 156 (BZ)	44:37	1251626	127141	1.151	10.00	10.498530	104.99	1.049853	C	0.00515
PCB 157 (BZ)		1251626		1.151	10.00	10.498530	104.99	1.049853	C156	0.00515
PCB 169 (BZ)	47:58	434758	73454	1.337	5.000	4.284145	85.68	0.428414		0.00341
Total Heptachlorobiphenyl		10262236	1628325			132.312431		13.231243		0.0883
13C12-PCB 188	37:42	1024999	202387	1.238	10.00	9.600756	96.01	0.960076		0.00186
13C12-PCB 178	40:48	675228	134972	0.863	10.00	9.072855	90.73	0.907285		0.00266
13C12-PCB 180	45:55	862282	144634	1.000	10.00	10.000000	100.00	1.000000		0.00230
13C12-PCB 170	47:21	475325	72563	0.813	10.00	6.776369	67.76	0.677637		0.00283
13C12-PCB 189	50:26	879085	144786	1.620	10.00	8.695818	86.96	0.869582		0.00194
PCB 188 (BZ)	37:44	497621	102441	1.071	5.000	4.534564	90.69	0.453456		0.00255
PCB 179 (BZ)	38:14	510216	101565	1.200	5.000	5.668598	113.37	0.566860		0.00335
PCB 184 (BZ)	38:35	457678	92015	1.178	5.000	5.177874	103.56	0.517787		0.00341
PCB 176 (BZ)	39:05	513424	101257	1.252	5.000	5.466802	109.34	0.546680		0.00321
PCB 186 (BZ)	39:33	483998	97922	1.214	5.000	5.313159	106.26	0.531316		0.00331
PCB 178 (BZ)	40:49	389662	77926	0.889	5.000	5.840715	116.81	0.584071		0.00452
PCB 175 (BZ)	41:26	375219	75321	0.920	5.000	5.436160	108.72	0.543616		0.00437
PCB 187 (BZ)	41:43	599554	115838	1.009	5.000	7.922423	158.45	0.792242		0.00398
PCB 182 (BZ)	41:52	396808	76787	0.972	5.000	5.442544	108.85	0.544254		0.00414
PCB 183 (BZ)	42:18	473493	91695	0.946	5.000	6.671024	133.42	0.667102		0.00425
PCB 185 (BZ)	42:28	372166	73044	0.919	5.000	5.398957	107.98	0.539896		0.00437
PCB 174 (BZ)	42:40	363093	71817	0.924	5.000	5.238052	104.76	0.523805		0.00435
PCB 177 (BZ)	43:06	364119	68025	0.880	5.000	5.518871	110.38	0.551887		0.00457
PCB 181 (BZ)	43:26	339783	64495	0.975	5.000	4.646834	92.94	0.464683		0.00412
PCB 171 (BZ)		675842		0.835	10.00	10.789112	107.89	1.078911	C	0.00481
PCB 173 (BZ)	43:43	675842	129495	0.835	10.00	10.789112	107.89	1.078911	C171	0.00481
PCB 172 (BZ)	45:17	333124	62617	0.838	5.000	5.297872	105.96	0.529787		0.00479
PCB 192 (BZ)	45:33	417327	77353	1.147	5.000	4.848966	96.98	0.484897		0.00350
PCB 193 (BZ)	45:56	1056006	150872	1.134	10.00	12.413463	124.13	1.241346	C180	0.00354
PCB 180 (BZ)		1056006		1.134	10.00	12.413463	124.13	1.241346	C	0.00354
PCB 191 (BZ)	46:19	379937	58392	1.228	5.000	4.125198	82.50	0.412520		0.00327
PCB 170 (BZ)	47:22	350143	61524	1.058	5.000	6.965172	139.30	0.696517		0.00720
PCB 190 (BZ)	47:49	488684	87047	1.254	5.000	5.196744	103.93	0.519674		0.00321
PCB 189 (BZ)	50:28	424339	71244	1.097	5.000	4.399329	87.99	0.439933		0.00348
Total Octachlorobiphenyl		3995772	720780			54.135086		5.413509		0.0264
13C12-PCB 202	43:04	847665	165447	0.994	10.00	9.891969	98.92	0.989197		0.00155
13C12-PCB 194	52:31	623854	105610	1.000	10.00	10.000000	100.00	1.000000		0.00211
13C12-PCB 205	52:59	729585	134187	1.407	10.00	8.313346	83.13	0.831335		0.00150
PCB 202 (BZ)	43:06	411496	80088	0.993	5.000	4.890095	97.80	0.489009		0.00202
PCB 200 (BZ)/201 (IUPAC)	44:01	382439	70681	1.087	5.000	4.150655	83.01	0.415066		0.00185
PCB 204 (BZ)	44:38	389857	76729	1.033	5.000	4.451007	89.02	0.445101		0.00194

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	20:17	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 197 (BZ)	44:54	419127	81637	1.061	5.000	4.658644	93.17	0.465864		0.00189
PCB 199 (BZ)/200 (IUPAC)	45:08	399046	78757	1.031	5.000	4.566537	91.33	0.456654		0.00195
PCB 198 (BZ)	47:54	517194	63398	0.761	10.00	8.019637	80.20	0.801964	C	0.00264
PCB 201 (BZ)/199 (IUPAC)		517194		0.761	10.00	8.019637	80.20	0.801964	C198	0.00264
PCB 196 (BZ)	48:33	244561	45714	0.752	5.000	3.836036	76.72	0.383604		0.00267
PCB 203 (BZ)	48:44	298747	57988	0.856	5.000	4.117281	82.35	0.411728		0.00235
PCB 195 (BZ)	50:11	299348	53363	0.723	5.000	5.678623	113.57	0.567862		0.00343
PCB 194 (BZ)	52:33	283077	48015	0.795	5.000	4.881181	97.62	0.488118		0.00312
PCB 205 (BZ)	53:01	350880	64410	0.984	5.000	4.885390	97.71	0.488539		0.00252
Total Nonachlorobiphenyl		927463	172714			14.220386		1.422039		0.00603
13C12-PCB 208	49:48	697302	125971	1.161	10.00	9.626715	96.27	0.962671		0.00183
13C12-PCB 206	54:39	471363	93918	0.823	10.00	9.184379	91.84	0.918438		0.00259
PCB 208 (BZ)	49:49	340185	61530	1.026	5.000	4.753607	95.07	0.475361		0.00190
PCB 207 (BZ)	50:44	325579	57217	1.264	5.000	4.407968	88.16	0.440797		0.00176
PCB 206 (BZ)	54:40	261699	53967	1.097	5.000	5.058810	101.18	0.505881		0.00238
13C12-PCB 209	56:10	630659	114570	0.930	10.00	10.868821	108.69	1.086882		0.00224
PCB 209 (BZ)	56:11	303545	55226	1.006	5.000	4.785803	95.72	0.478580		0.00243

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration Flags	
188					188.0393	190.0363	188.0393	190.0363	2.66-3.60		
	Noise	00:00	00:00	0	213	163	85	65	1.31 *	/	
	PCB 1 (BZ)	12:12	12:14	-2	451491	139943	153613	49382	3.23	ABV/ABB	
	PCB 2 (BZ)	14:17	14:17	0	411122	127947	110169	34840	3.21	ABV/ABV	
	PCB 3 (BZ)	14:28	14:27	1	403411	122538	115363	33403	3.29	AVB/AVB	
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	183	588	73	235	0.31 *	/	
	13C12-PCB 1	12:12	12:13	-1	820661	263578	295235	87198	3.11	ABV/AVV	
	13C12-PCB 3	14:27	14:26	1	769811	252017	217657	66178	3.05	ABV/AVV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	258	508	103	203	0.51 *	/	
	PCB 4 (BZ)	14:45	14:44	1	215722	137031	64348	39397	1.57	ABV/AVV	
	PCB 10 (BZ)	14:54	14:55	-1	329248	216264	101514	66843	1.52	AVV/AVB	
	PCB 9 (BZ)	16:43	16:42	1	358488	221589	97930	57566	1.62	ABV/ABV	
	PCB 7 (BZ)	16:51	16:51	0	361481	242786	91928	59870	1.49	AVV/AVV	
	PCB 6 (BZ)	17:09	17:08	1	370665	234509	92743	60749	1.58	AVB/AVB	
	PCB 5 (BZ)	17:29	17:27	2	315655	202466	86565	54139	1.56	ABV/ABV	
	PCB 8 (BZ)	17:36	17:35	1	379880	245071	93823	59887	1.55	AVB/AVB	
	PCB 14 (BZ)	19:11	19:10	1	438567	277294	106682	65584	1.58	ABV/ABV	D
	PCB 11 (BZ)	20:06	20:05	1	375947	236582	77540	51545	1.59	ABV/ABV	D
	PCB 12 (BZ)	20:25	20:24	1	730190	461271	127936	79190	1.58	AVV/AVV	M
	PCB 15 (BZ)	20:47	20:42	5	361440	222178	75030	47568	1.63	AVB/AVB	M
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	210	188	84	75	1.12 *	/	
	13C12-PCB 4	14:44	14:43	1	397030	255378	115921	75382	1.55	ABV/ABV	
	13C12-PCB 9	16:42	16:40	2	1063015	663481	278617	175106	1.60	AVV/ABV	
	13C12-PCB 15	20:46	20:42	4	716158	452224	144798	87012	1.58	ABV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	250	245	100	98	1.02	/	
	PCB 19 (BZ)	17:58	17:56	2	163264	155315	42699	42874	1.05	ABV/ABV	
	PCB 30 (BZ)	19:39	19:39	0	262742	251392	65900	62917	1.05	ABV/ABV	D
	PCB 18 (BZ)	19:49	19:46	3	195426	186821	44990	44897	1.05	AVB/AVB	
	PCB 17 (BZ)	20:12	20:11	1	191778	183291	44937	46697	1.05	ABV/ABV	
	PCB 27 (BZ)	20:27	20:26	1	270425	253597	66320	58770	1.07	AVV/AVV	
	PCB 24 (BZ)	20:34	20:32	2	244931	233676	61578	60205	1.05	AVV/AVV	
	PCB 16 (BZ)	20:44	20:42	2	151970	148757	36664	36712	1.02	AVB/AVB	
	PCB 32 (BZ)	21:12	21:12	0	288979	270229	66037	60241	1.07	ABB/ABV	D
	PCB 34 (BZ)	22:25	22:25	0	310072	294843	74350	68543	1.05	ABV/ABV	D
	PCB 23 (BZ)	22:33	22:32	1	343237	329876	75799	71664	1.04	AVB/AVB	D
	PCB 29 (BZ)	22:54	22:53	1	701363	674436	133591	129287	1.04	ABV/ABV	
	PCB 25 (BZ)	23:08	23:07	1	381657	356815	79919	74094	1.07	AVB/AVB	
	PCB 31 (BZ)	23:27	23:28	-1	462825	439727	100118	94119	1.05	ABV/ABV	
	PCB 28 (BZ)	23:45	23:44	1	759480	684845	88875	87531	1.11	AVV/AVV	
	PCB 33 (BZ)	24:02	24:02	0	728643	738860	82955	81175	0.99	AVV/AVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside ccmax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	PCB 22 (BZ)	24:28	24:26	2	346808	333185	76768	73253	1.04	ABB/ABB	
	PCB 36 (BZ)	25:55	25:57	-2	354987	323034	67801	64671	1.10	AVV/AVV	D
	PCB 39 (BZ)	26:20	26:18	2	362219	331688	69078	65524	1.09	AVV/AVV	
	PCB 38 (BZ)	26:54	26:54	0	337097	321955	64861	62053	1.05	AVV/AVV	
	PCB 35 (BZ)	27:26	27:25	1	333314	317743	58573	53460	1.05	ABV/ABV	
	PCB 37 (BZ)	27:53	27:50	3	321736	322633	56155	56530	1.00	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	380	295	152	118	1.29 *	/	
	13C12-PCB 19	17:57	17:54	3	274634	248505	72956	63900	1.11	AVV/AVV	
	13C12-PCB 32	21:11	21:10	1	740406	654713	172657	153102	1.13	AVV/ABV	
	13C12-PCB 31	23:26	23:26	0	977669	922282	207526	202619	1.06	ABV/ABV	
	13C12-PCB 28	23:43	23:43	0	699294	659957	148536	136599	1.06	AVV/AVV	
	13C12-PCB 37	27:51	27:48	3	624976	591890	110424	106402	1.06	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	248	295	99	118	0.84	/	
	PCB 54 (BZ)	21:07	21:04	3	162113	203083	40036	47404	0.80	ABV/ABV	
	PCB 50 (BZ)	23:14	23:12	2	373022	473809	45772	59890	0.79	ABV/ABV	
	PCB 45 (BZ)	23:57	23:55	2	360707	453359	73924	94564	0.80	AVV/ABV	
	PCB 46 (BZ)	24:17	24:16	1	150307	194652	32666	40294	0.77	AVV/AVV	
	PCB 52 (BZ)	25:35	25:36	-1	436049	567563	98330	128018	0.77	MBV/MVV	D
	PCB 73 (BZ)	25:43	25:43	0	395891	505973	54455	70342	0.78	MVV/MVV	D
	PCB 69 (BZ)	25:56	25:58	-2	236217	297544	50688	64940	0.79	AVV/AVV	D
	PCB 49 (BZ)	26:04	26:05	-1	348505	450604	72328	98321	0.77	AVB/AVB	
	PCB 48 (BZ)	26:20	26:21	-1	185767	239838	41643	52748	0.77	ABV/ABV	D
	PCB 65 (BZ)	26:34	26:34	0	670817	871647	88834	120110	0.77	AVV/AVV	
	PCB 62 (BZ)	26:50	26:50	0	790948	1013117	89684	115814	0.78	AVV/AVV	
	PCB 42 (BZ)	27:09	27:09	0	186128	244567	40725	48405	0.76	AVB/AVB	D
	PCB 41 (BZ)	27:34	27:34	0	157596	191791	34256	39949	0.82	ABV/ABV	
	PCB 71 (BZ)	27:40	27:39	1	401900	506083	60883	73962	0.79	AVV/AVV	
	PCB 64 (BZ)	27:51	27:51	0	489738	625638	98349	126870	0.78	AVB/AVB	D
	PCB 72 (BZ)	28:36	28:39	-3	265764	335086	54398	69354	0.79	ABV/ABV	D
	PCB 68 (BZ)	28:53	28:54	-1	254237	335358	53787	73060	0.76	AVB/AVB	
	PCB 57 (BZ)	29:19	29:21	-2	256488	314884	52831	65146	0.81	ABB/ABV	D
	PCB 58 (BZ)	29:36	29:37	-1	259190	328282	51836	66146	0.79	ABV/AVV	
	PCB 67 (BZ)	29:43	29:44	-1	271335	345727	56432	73794	0.78	AVV/AVV	
	PCB 63 (BZ)	30:00	30:02	-2	316301	404332	68057	82017	0.78	AVB/AVB	
	PCB 61 (BZ)	30:14	30:15	-1	223670	267172	46216	59813	0.84	ABV/ABV	
	PCB 70 (BZ)	30:24	30:23	1	1802508	2303861	360318	461083	0.78	AVB/AVB	
	PCB 66 (BZ)	30:43	30:43	0	1438329	1860304	288716	373988	0.77	ABV/ABV	
	PCB 55 (BZ)	30:55	30:55	0	254295	319635	50100	64157	0.80	AVB/AVB	
	PCB 56 (BZ)	31:27	31:26	1	307781	401695	60104	77344	0.77	ABV/ABV	
	PCB 60 (BZ)	31:40	31:38	2	458664	584985	87349	110654	0.78	AVV/AVV	
	PCB 80 (BZ)	31:53	31:54	-1	308069	406698	58113	73150	0.76	AVB/AVB	D
	PCB 79 (BZ)	33:32	33:32	0	291322	352569	49522	62560	0.83	ABV/AVV	

Notes:
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T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	PCB 78 (BZ)	34:06	34:07	-1	244199	322811	46214	55223	0.76	ABV/ABV	
	PCB 81 (BZ)	34:35	34:34	1	262456	322663	47990	62259	0.81	AVV/AVV	
	PCB 77 (BZ)	35:12	35:09	3	247109	333825	46918	59933	0.74	ABV/ABV	
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	150	138	60	55	1.09 *	/	
	13C12-PCB 54	21:06	21:03	3	285228	336569	74289	84190	0.85	ABV/ABV	
	13C12-PCB 52	25:34	25:35	-1	477707	629863	110628	134003	0.76	ABV/ABV	
	13C12-PCB 81	34:34	34:32	2	433738	558537	79465	98031	0.78	ABV/ABV	
	Unidentified	34:56	00:00	0	4633	4276	876	1118	1.08 *	AVB/AVB	R
	13C12-PCB 77	35:11	35:08	3	439992	562299	78796	99598	0.78	ABV/ABV	
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	385	340	154	136	1.13 *	/	
	PCB 104 (BZ)	26:30	26:32	-2	298451	188153	65897	42514	1.59	ABV/ABV	
	PCB 96 (BZ)	27:01	27:01	0	265849	166624	58140	34150	1.60	AVV/ABV	
	PCB 103 (BZ)	28:45	28:49	-4	228964	145034	49594	30338	1.58	ABV/ABV	
	PCB 94 (BZ)	29:03	29:05	-2	206181	127325	41818	25951	1.62	AVV/AVV	
	PCB 95 (BZ)	29:34	29:35	-1	572914	364444	111837	64990	1.57	ABV/ABV	
	PCB 93 (BZ)	29:45	29:44	1	203980	111463	41276	26233	1.83 *	AVV/AVV	R
	PCB 102 (BZ)	29:52	29:52	0	451378	299087	64707	37382	1.51	AVB/AVB	
	PCB 88 (BZ)	30:15	30:17	-2	191687	130429	42028	27567	1.47	ABV/ABV	
	PCB 91 (BZ)	30:24	30:24	0	260662	151274	52672	32518	1.72	AVB/AVB	
	PCB 84 (BZ)	30:42	30:41	1	180007	107674	38101	24142	1.67	ABB/ABB	
	PCB 89 (BZ)	31:09	31:09	0	197267	125280	41038	26335	1.57	ABV/ABV	
	PCB 121 (BZ)	31:19	31:23	-4	319293	200081	65896	39228	1.60	AVV/AVV	M
	PCB 92 (BZ)	31:48	31:51	-3	361998	222600	77257	46227	1.63	ABB/ABB	
	PCB 113 (BZ)	32:22	32:23	-1	1433481	898599	263754	170376	1.60	ABV/ABV	
	PCB 83 (BZ)	32:56	32:57	-1	820009	501042	172552	100721	1.64	ABV/ABV	
	PCB 112 (BZ)	33:05	33:07	-2	317996	194045	60412	38855	1.64	AVB/AVB	
	PCB 109 (BZ)/108 (IUPAC	33:25	33:27	-2	1926348	1205701	144199	87972	1.60	ABB/ABB	
	PCB 117 (BZ)	34:06	34:08	-2	653461	692187	92395	60295	0.94 *	ABV/MVV	RT
	PCB 110 (BZ)	34:26	34:27	-1	1505522	968625	292184	187632	1.55	AVB/MVB	
	PCB 82 (BZ)	34:50	34:49	1	171713	114754	35899	22608	1.50	ABV/ABV	
	PCB 111 (BZ)	34:59	35:03	-4	326984	206486	65556	42236	1.58	AVB/AVB	M
	PCB 120 (BZ)	35:27	35:31	-4	319958	201854	64616	40511	1.59	AVB/AVB	M
	PCB 108 (BZ)/107 (IUPAC	36:41	36:44	-3	723766	452447	140455	89412	1.60	ABV/ABV	
	PCB 107 (BZ)/109 (IUPAC	36:56	36:58	-2	494551	315056	97224	62893	1.57	AVV/AVV	
	PCB 123 (BZ)	37:02	37:04	-2	373290	227952	77871	46652	1.64	AVV/AVV	
	PCB 106 (BZ)	37:09	37:13	-4	286417	181302	59795	38140	1.58	AVB/AVB	
	PCB 118 (BZ)	37:22	37:25	-3	2918664	1870662	551549	364018	1.56	ABB/ABB	
	PCB 122 (BZ)	37:46	37:49	-3	302630	195472	55925	39245	1.55	ABV/ABV	
	PCB 114 (BZ)	37:55	37:57	-2	401374	257910	77372	50871	1.56	AVB/AVB	
	PCB 105 (BZ)	38:39	38:40	-1	1495595	950178	281112	184733	1.57	ABB/ABB	
	PCB 127 (BZ)	39:59	40:03	-4	326766	215963	64499	38668	1.51	AVV/AVV	D
	PCB 126 (BZ)	41:42	41:42	0	328239	193381	51856	33109	1.70	ABV/ABV	

Notes:
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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	190	138	76	55	1.38	/	
	13C12-PCB 104	26:29	26:30	-1	568676	349513	125544	76228	1.63	ABV/ABV	
	13C12-PCB 101	32:21	32:23	-2	627677	383079	125636	79361	1.64	ABV/ABV	
	13C12-PCB 111	34:58	35:01	-3	604677	372218	120624	72669	1.62	ABV/ABV	
	13C12-PCB 123	37:01	37:04	-3	660791	402361	124800	80215	1.64	ABV/ABV	
	13C12-PCB 118	37:20	37:23	-3	716122	445011	138484	83494	1.61	AVV/AVV	
	13C12-PCB 114	37:53	37:55	-2	657313	408391	121911	75044	1.61	AVV/AVV	
	13C12-PCB 105	38:37	38:38	-1	655047	407080	126570	76375	1.61	ABB/ABB	
	13C12-PCB 127	39:57	40:01	-4	948277	597728	174288	112496	1.59	ABV/ABV	
	13C12-PCB 126	41:41	41:41	0	640642	406813	109625	70469	1.57	ABV/ABV	
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	305	325	122	130	0.94 *	/	
	PCB 155 (BZ)	32:00	32:05	-5	285253	222361	61849	45970	1.28	ABV/ABB	M
	PCB 152 (BZ)	32:25	32:27	-2	267823	206542	54008	42884	1.30	ABV/ABV	M
	PCB 150 (BZ)	32:30	32:33	-3	253150	198746	56670	44348	1.27	AVB/AVB	M
	PCB 136 (BZ)	33:01	33:02	-1	281003	216004	58020	43532	1.30	ABV/ABV	
	PCB 145 (BZ)	33:13	33:15	-2	266824	208307	54549	41555	1.28	AVB/AVB	
	PCB 148 (BZ)	34:35	34:40	-5	189410	152172	39077	32220	1.24	ABV/ABV	M
	PCB 151 (BZ)	35:23	35:19	4	736568	562893	76852	61345	1.31	AVV/ABB	
	PCB 144 (BZ)	35:49	35:54	-5	218512	167601	47501	33046	1.30	AVB/ABB	M
	PCB 147 (BZ)	36:11	36:15	-4	554792	442570	91895	74052	1.25	ABV/ABV	
	PCB 134 (BZ)	36:32	36:30	2	404037	315683	44108	36976	1.28	AVV/AVV	
	PCB 139 (BZ)	36:45	36:49	-4	480808	375973	71964	55412	1.28	AVV/AVV	
	PCB 131 (BZ)	37:02	37:05	-3	181859	147983	36377	29438	1.23	AVV/AVV	
	PCB 142 (BZ)	37:10	37:15	-5	196743	162181	37982	32436	1.21	AVB/AVB	M
	PCB 132 (BZ)	37:34	37:37	-3	220865	177040	44477	33304	1.25	ABV/ABB	
	PCB 133 (BZ)	37:54	37:59	-5	234092	181737	45029	35516	1.29	ABB/ABB	M
	PCB 165 (BZ)	38:17	38:22	-5	275355	221029	56022	45257	1.25	ABV/ABV	M
	PCB 146 (BZ)	38:32	38:36	-4	438006	347555	88113	70189	1.26	AVV/AVV	M
	PCB 161 (BZ)	38:39	38:45	-6	311221	244010	57137	48944	1.28	AVB/AVB	M
	PCB 153 (BZ)	39:08	39:14	-6	2257871	1780350	404860	327388	1.27	ABV/ABV	M
	PCB 141 (BZ)	39:25	39:28	-3	328649	257481	61562	45467	1.28	AVB/AVB	
	PCB 130 (BZ)	39:51	39:54	-3	231007	177288	47038	36025	1.30	ABV/ABV	
	PCB 137 (BZ)	40:00	40:05	-5	298216	228534	56796	42162	1.30	AVV/AVV	M
	PCB 164 (BZ)	40:11	40:14	-3	355719	275253	69206	53912	1.29	AVV/AVV	
	PCB 138 (BZ)	40:28	40:32	-4	2791094	2228200	443538	361320	1.25	AVV/AVV	
	PCB 158 (BZ)	40:49	40:53	-4	472561	370609	87106	68816	1.28	AVB/AVB	
	PCB 166 (BZ)	41:40	41:44	-4	312935	249510	61804	47917	1.25	ABV/ABV	
	PCB 128 (BZ)	41:49	41:51	-2	479901	382477	88407	72942	1.25	AVV/AVV	
	PCB 159 (BZ)	42:38	42:43	-5	295095	235020	53039	41966	1.26	ABV/AVV	M
	PCB 162 (BZ)	42:57	43:00	-3	299568	234012	56239	45922	1.28	AVV/AVV	
	PCB 167 (BZ)	43:25	43:30	-5	347308	277815	66498	52596	1.25	ABB/ABB	M
	PCB 156 (BZ)	44:37	44:40	-3	685932	565694	70945	56196	1.21	ABB/ABB	D
	PCB 169 (BZ)	47:58	47:54	4	240856	193902	42036	31418	1.24	ABV/ABV	

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	165	143	66	57	1.16	/	
	13C12-PCB 155	31:59	32:04	-5	535915	429307	111482	91183	1.25	ABV/ABV	M
	13C12-PCB 138	40:26	40:30	-4	636608	497782	118340	96345	1.28	ABV/ABV	
	Unidentified	40:48	00:00	0	13413	7432	1752	1446	1.80 *	AVB/AVV	R
	13C12-PCB 167	43:23	43:27	-4	561235	427925	110250	79363	1.31	AVV/AVV	M
	13C12-PCB 156	44:41	44:37	4	1169297	902956	120289	92398	1.29	AVV/AVV	D
	13C12-PCB 169	47:57	47:53	4	435692	323332	79661	58704	1.35	ABV/ABV	D
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	273	280	109	112	0.97	/	
	PCB 188 (BZ)	37:44	37:50	-6	260922	236699	54239	48202	1.10	ABV/ABB	M
	PCB 179 (BZ)	38:14	38:18	-4	264845	245371	52814	48751	1.08	ABV/ABV	D
	PCB 184 (BZ)	38:35	38:42	-7	234131	223547	47476	44539	1.05	AVV/AVV	M
	PCB 176 (BZ)	39:05	39:10	-5	262816	250608	51535	49722	1.05	AVV/ABV	M
	PCB 186 (BZ)	39:33	39:37	-4	248762	235236	48961	48961	1.06	ABV/AVB	DM
	PCB 178 (BZ)	40:49	40:56	-7	199391	190271	38287	39639	1.05	ABV/ABV	M
	PCB 175 (BZ)	41:26	41:33	-7	196034	179185	40773	34548	1.09	AVV/ABV	M
	PCB 187 (BZ)	41:43	41:49	-6	311744	287810	60310	55528	1.08	AVV/AVV	M
	PCB 182 (BZ)	41:52	42:00	-8	201473	195335	37887	38900	1.03	AVV/AVB	DM
	PCB 183 (BZ)	42:18	42:25	-7	242151	231342	46889	44806	1.05	ABV/ABV	M
	PCB 185 (BZ)	42:28	42:34	-6	190012	182154	36773	36271	1.04	AVV/AVV	DM
	PCB 174 (BZ)	42:40	42:44	-4	180554	182539	36063	35754	0.99	AVB/AVV	M
	PCB 177 (BZ)	43:06	43:11	-5	185881	178238	34773	33252	1.04	ABB/ABB	M
	PCB 181 (BZ)	43:26	43:31	-5	174567	165216	32806	31689	1.06	ABB/ABB	M
	PCB 173 (BZ)	43:43	43:47	-4	341101	334741	67106	62389	1.02	ABB/ABB	M
	PCB 172 (BZ)	45:17	45:22	-5	167298	165826	30602	32015	1.01	ABV/ABV	M
	PCB 192 (BZ)	45:33	45:37	-4	211405	205922	39965	37388	1.03	AVB/AVV	M
	PCB 193 (BZ)	45:56	45:56	0	533137	522869	77673	73199	1.02	ABB/AVV	D
	PCB 191 (BZ)	46:19	46:22	-3	194872	185065	30333	28059	1.05	ABB/AVB	D
	PCB 170 (BZ)	47:22	47:20	2	178890	171253	30013	31511	1.04	AVV/ABB	
	PCB 190 (BZ)	47:49	47:49	0	244338	244346	43424	43623	1.00	ABB/ABB	D
	PCB 189 (BZ)	50:28	50:24	4	211928	212411	35097	36147	1.00	ABB/ABB	M
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	173	160	69	64	1.08	/	
	13C12-PCB 188	37:42	37:49	-7	521959	503040	103206	99181	1.04	ABV/ABV	
	13C12-PCB 178	40:48	40:54	-6	347009	328219	71202	63770	1.06	ABV/ABV	
	13C12-PCB 180	45:55	45:58	-3	439499	422783	72018	72616	1.04	ABV/ABV	
	13C12-PCB 170	47:21	47:18	3	240974	234351	36405	36158	1.03	ABV/ABV	
	13C12-PCB 189	50:26	50:22	4	447619	431466	75531	69255	1.04	ABV/ABV	
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	165	168	66	67	0.99	/	
	PCB 202 (BZ)	43:06	43:12	-6	197209	214287	39413	40675	0.92	ABV/ABB	M
	PCB 200 (BZ)/201 (IUPAC	44:01	44:08	-7	179219	203220	33005	37676	0.88	ABV/ABB	M
	PCB 204 (BZ)	44:38	44:46	-8	185599	204258	37198	39531	0.91	ABV/ABV	M
	PCB 197 (BZ)	44:54	45:00	-6	196777	222350	38529	43108	0.88	AVV/AVV	M

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AC	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxs.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99543	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 20:17	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

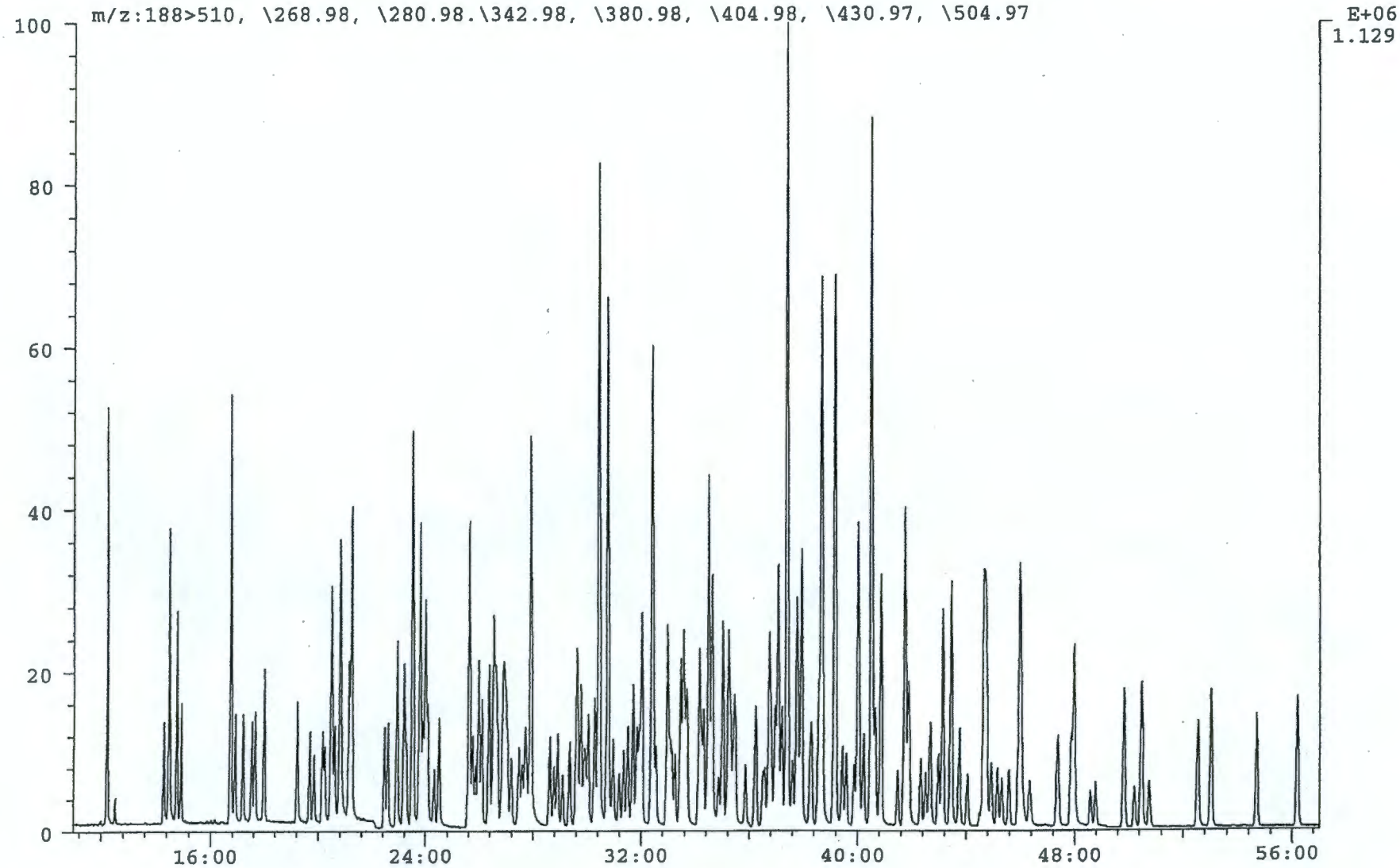
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	PCB 199 (BZ)/200 (IUPAC	45:08	45:12	-4	185749	213297	36475	42282	0.87	AVB/AVB	M
	PCB 198 (BZ)	47:54	47:53	1	244653	272541	29728	33670	0.90	ABV/ABV	D
	PCB 196 (BZ)	48:33	48:36	-3	116638	127923	21125	24589	0.91	ABV/ABV	D
	PCB 203 (BZ)	48:44	48:46	-2	143123	155624	27363	30625	0.92	AVB/AVB	D
	PCB 195 (BZ)	50:11	50:08	3	138832	160516	24670	28693	0.86	ABV/ABV	D
	PCB 194 (BZ)	52:33	52:28	5	131895	151182	22261	25754	0.87	ABB/ABV	M
	PCB 205 (BZ)	53:01	52:56	5	169419	181461	31523	32887	0.93	ABB/ABB	M
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	110	113	44	45	0.98	/	
	13C12-PCB 202	43:04	43:11	-7	407938	439727	77426	88021	0.93	ABV/ABV	D
	13C12-PCB 194	52:31	52:27	4	295034	328820	49355	56255	0.90	ABV/ABB	
	13C12-PCB 205	52:59	52:54	5	351932	377653	64803	69384	0.93	ABB/ABB	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	108	138	43	55	0.78	/	
	PCB 208 (BZ)	49:49	49:51	-2	148305	191880	28732	32798	0.77	ABB/ABB	
	PCB 207 (BZ)	50:44	50:47	-3	142156	183423	26074	31143	0.78	ABB/ABV	
	PCB 206 (BZ)	54:40	54:38	2	108817	152882	21864	32103	0.71	ABB/ABB	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	115	110	46	44	1.05 *	/	
	13C12-PCB 208	49:48	49:50	-2	309236	388066	56758	69213	0.80	ABV/ABV	
	13C12-PCB 206	54:39	54:37	2	207669	263694	40258	53660	0.79	ABV/ABB	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	118	163	47	65	0.72	/	
	PCB 209 (BZ)	56:11	56:13	-2	125220	178325	22344	32882	0.70	ABB/ABB	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	123	98	49	39	1.26 *	/	
	13C12-PCB 209	56:10	56:12	-2	266070	364589	49014	65556	0.73	ABB/ABV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside cemax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

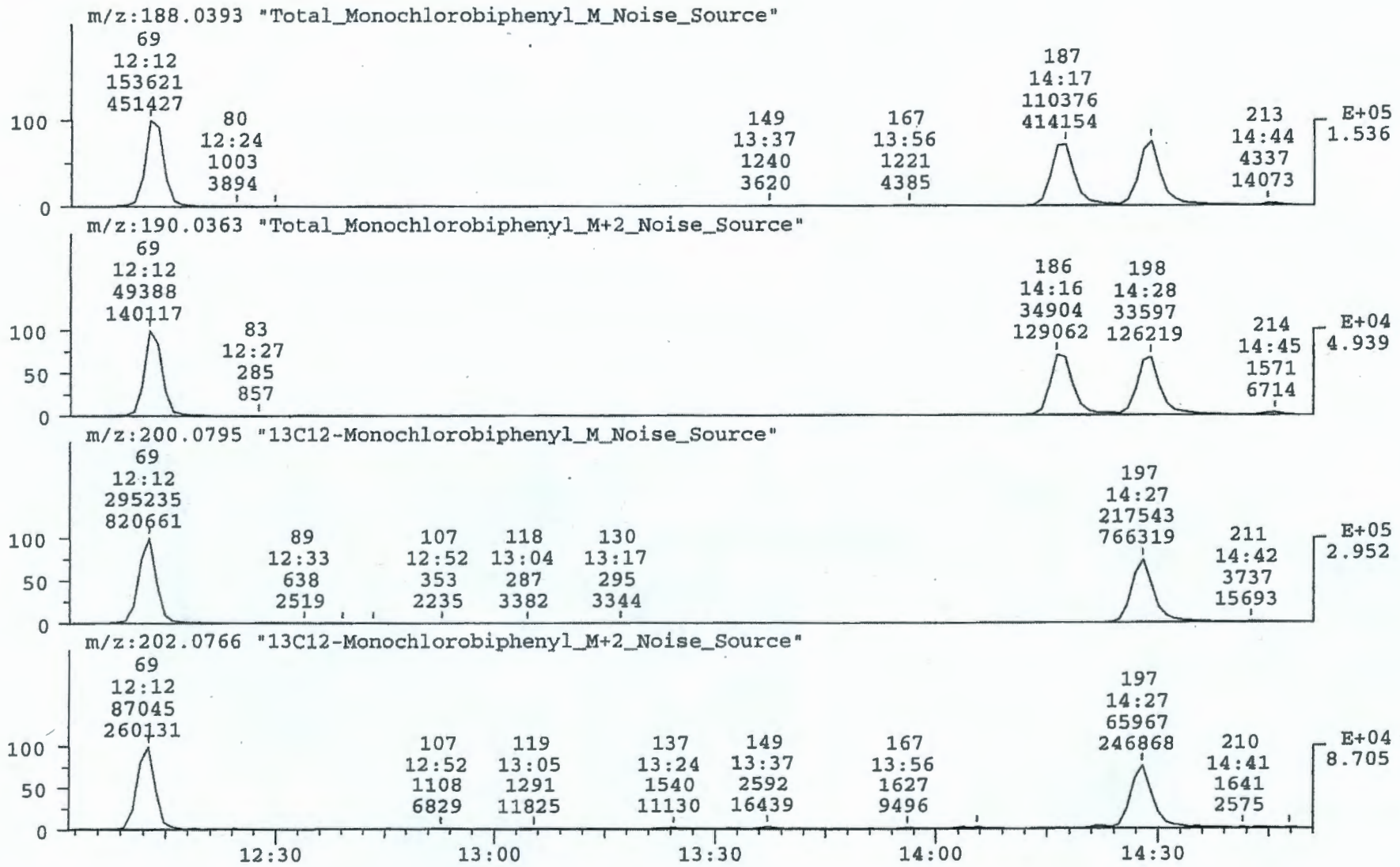
CHRO: apj64jxs 28-Sep-07 Elapse: 56:12 2556
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 2 > 2602 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

Int PMP 9-28-07
Calc 10/1/07
QC 10/1/07
10/1/07
Rev 10/11/07



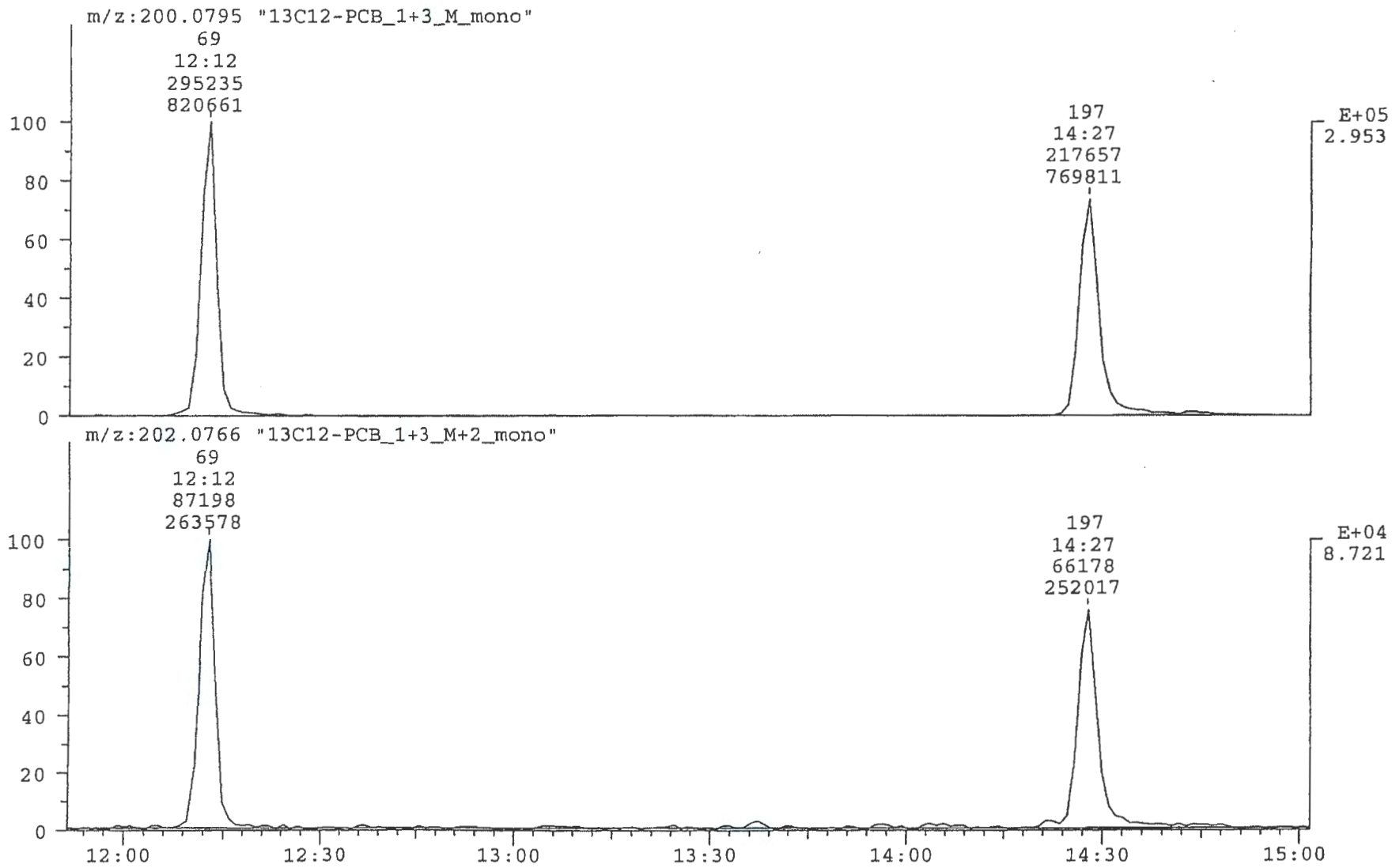
2686

CHRO: apj64jxs 28-Sep-07 Elapse: 13:26.5 139
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 59 > 219 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

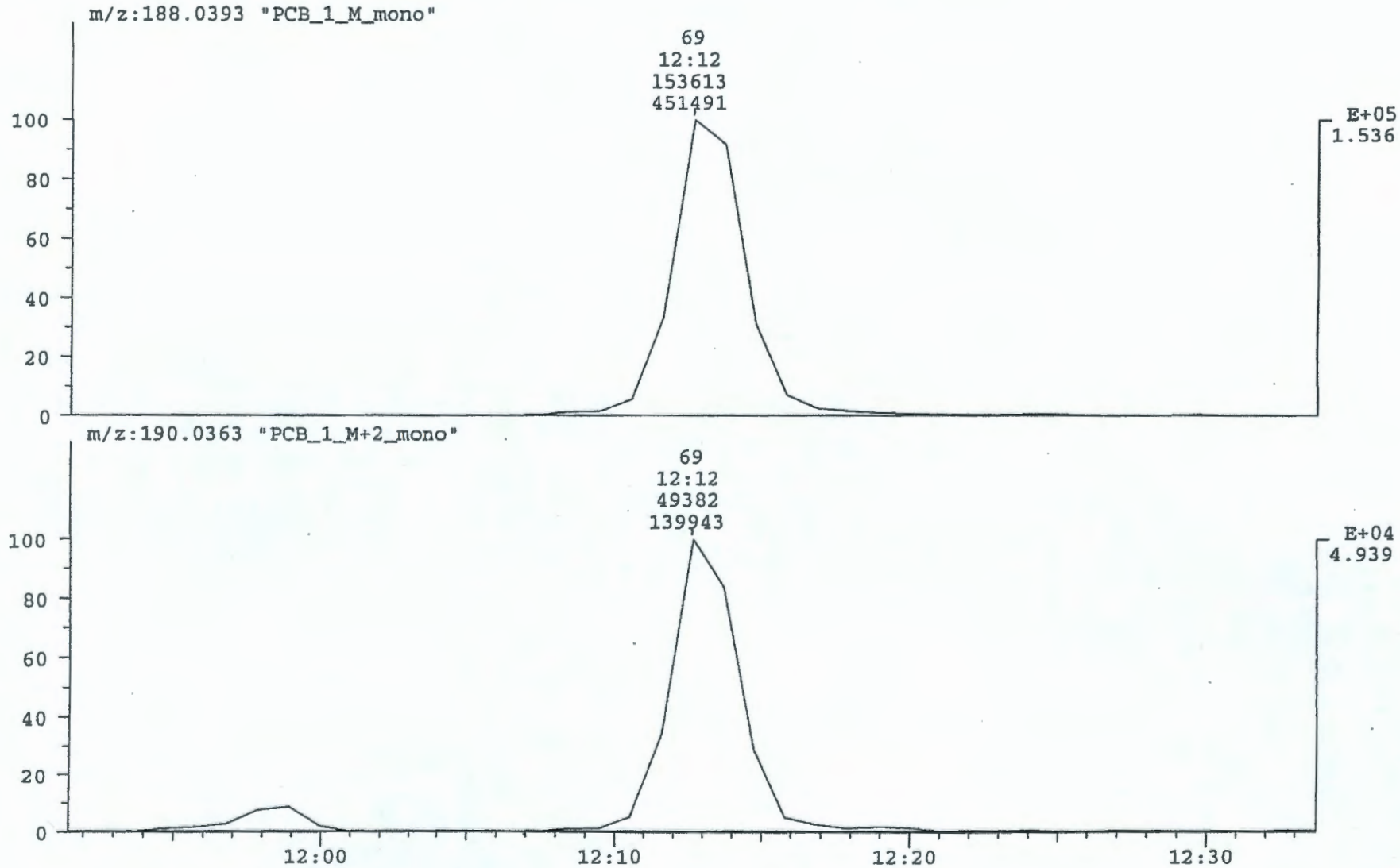


2687

```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  13:26.5      139
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   49 > 229             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

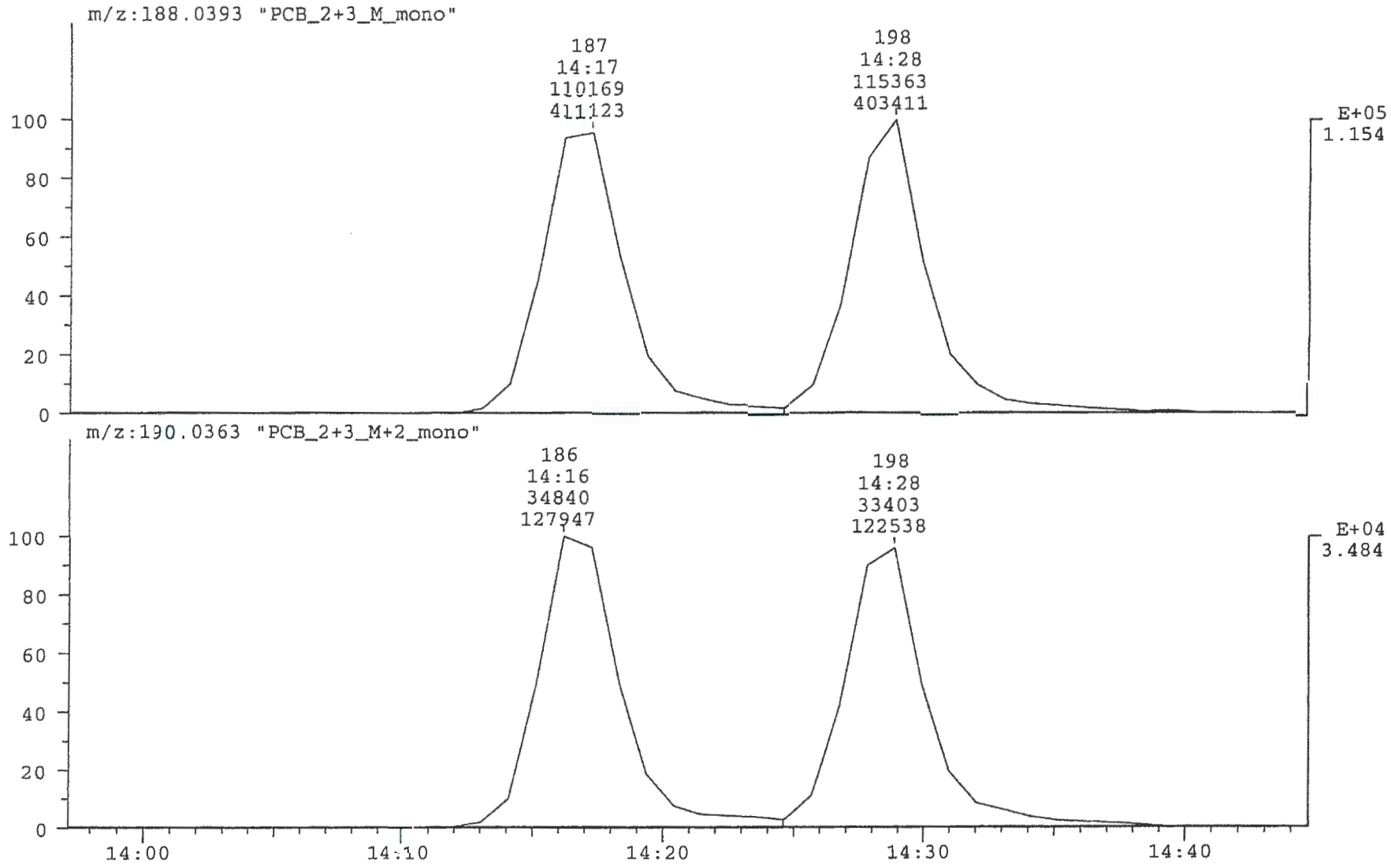


```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  12:12.6      69
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   49 > 89             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



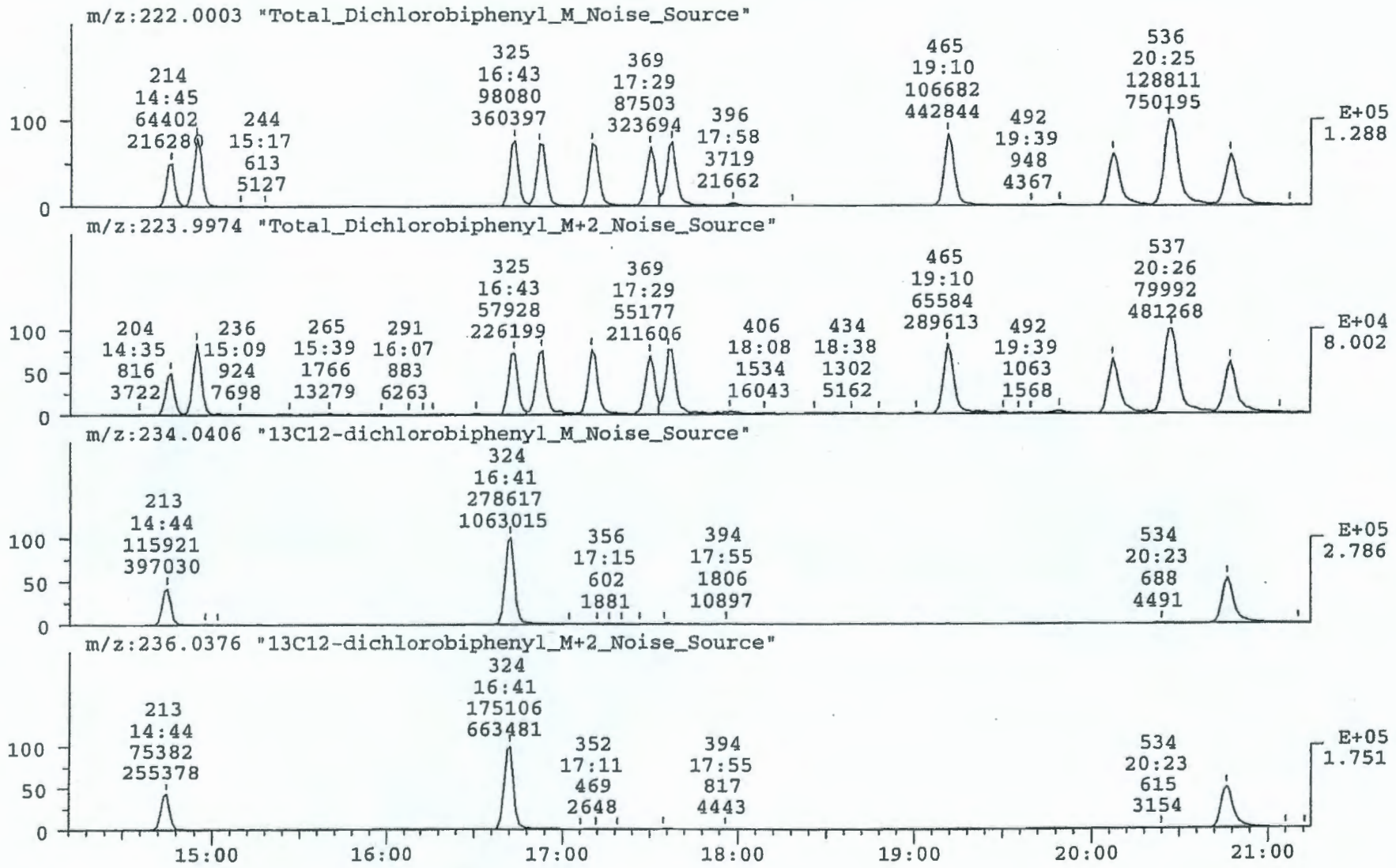
2689

```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  14:23.5      193
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   168 > 213            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

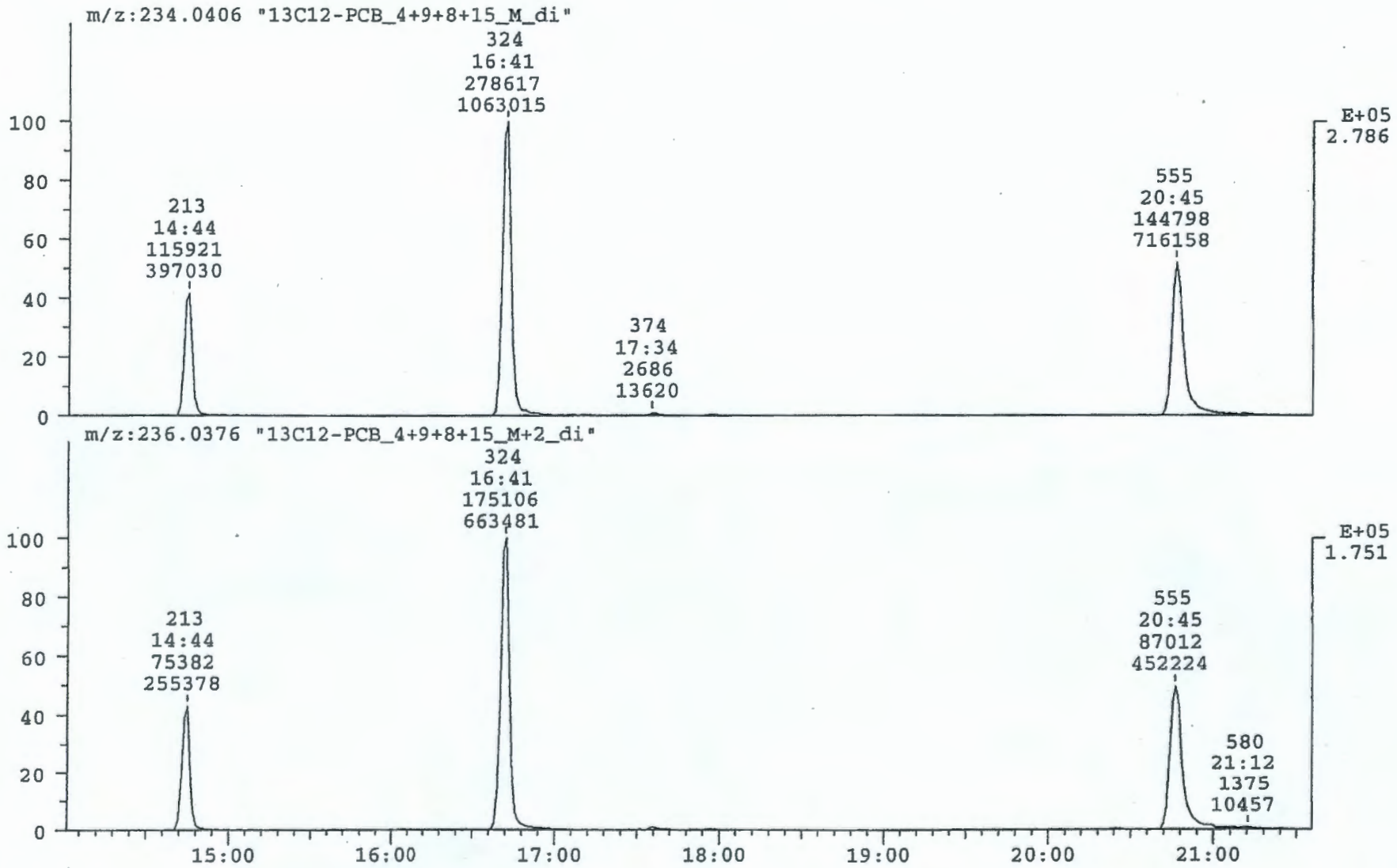


2690

CHRO: apj64jxs 28-Sep-07 Elapse: 17:43.2 382
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

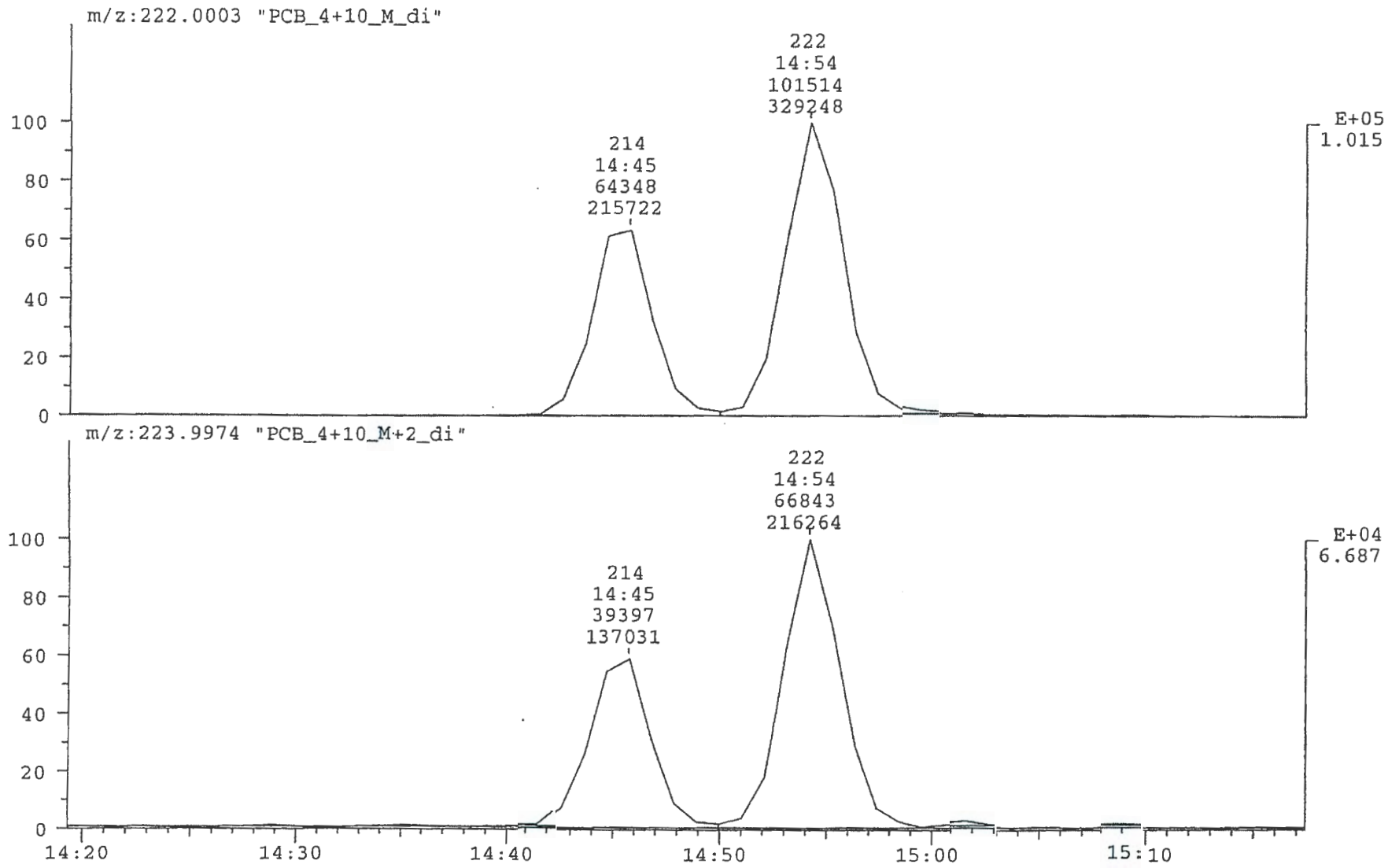


CHRO: apj64jxs 28-Sep-07 Elapse: 17:43.2 382
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 172 > 602 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



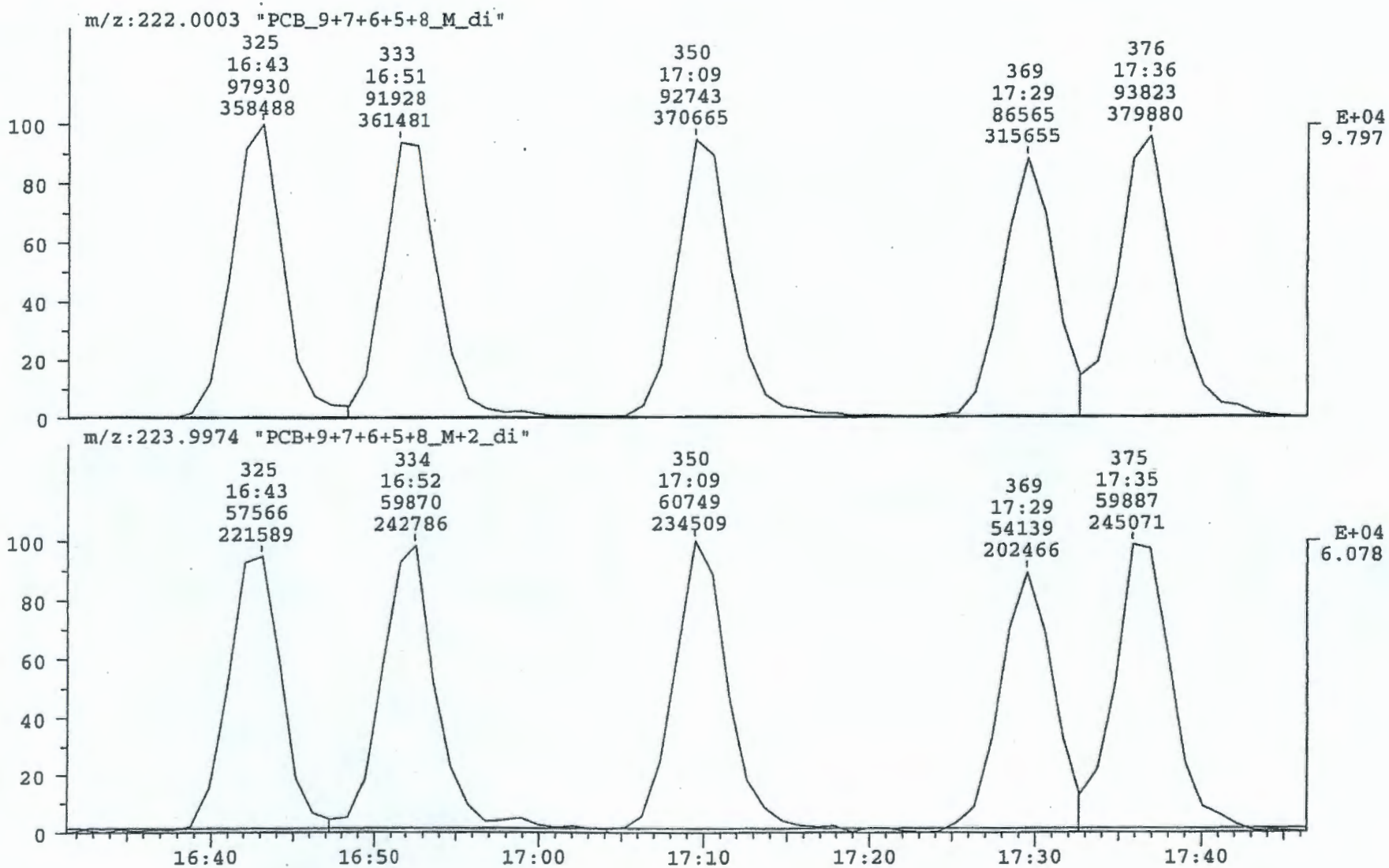
2692

CHRO: apj64jxs 28-Sep-07 Elapse: 14:51.0 219
Samp: Vial 36 WO=j64jxlac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 189 > 244 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

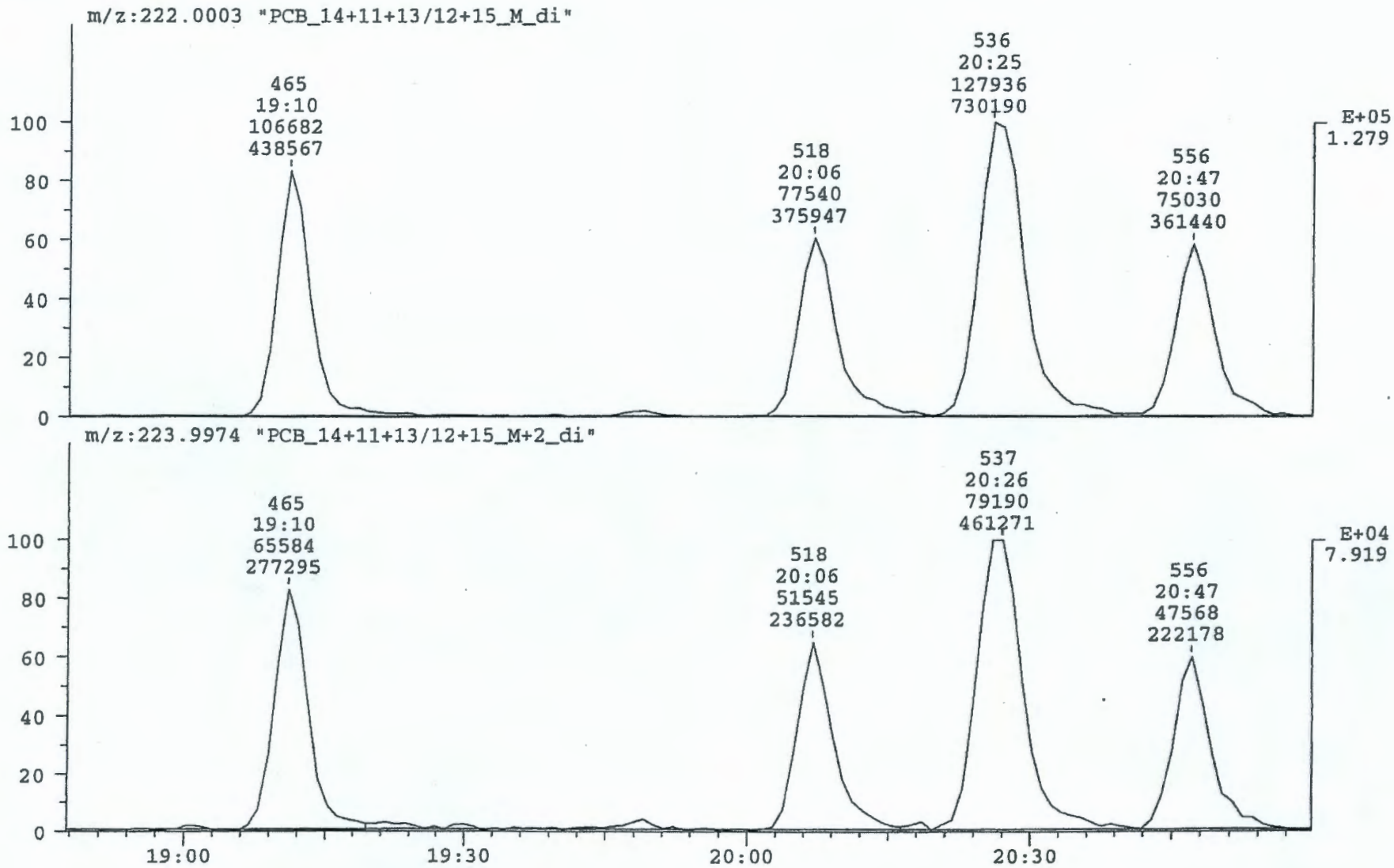


2693

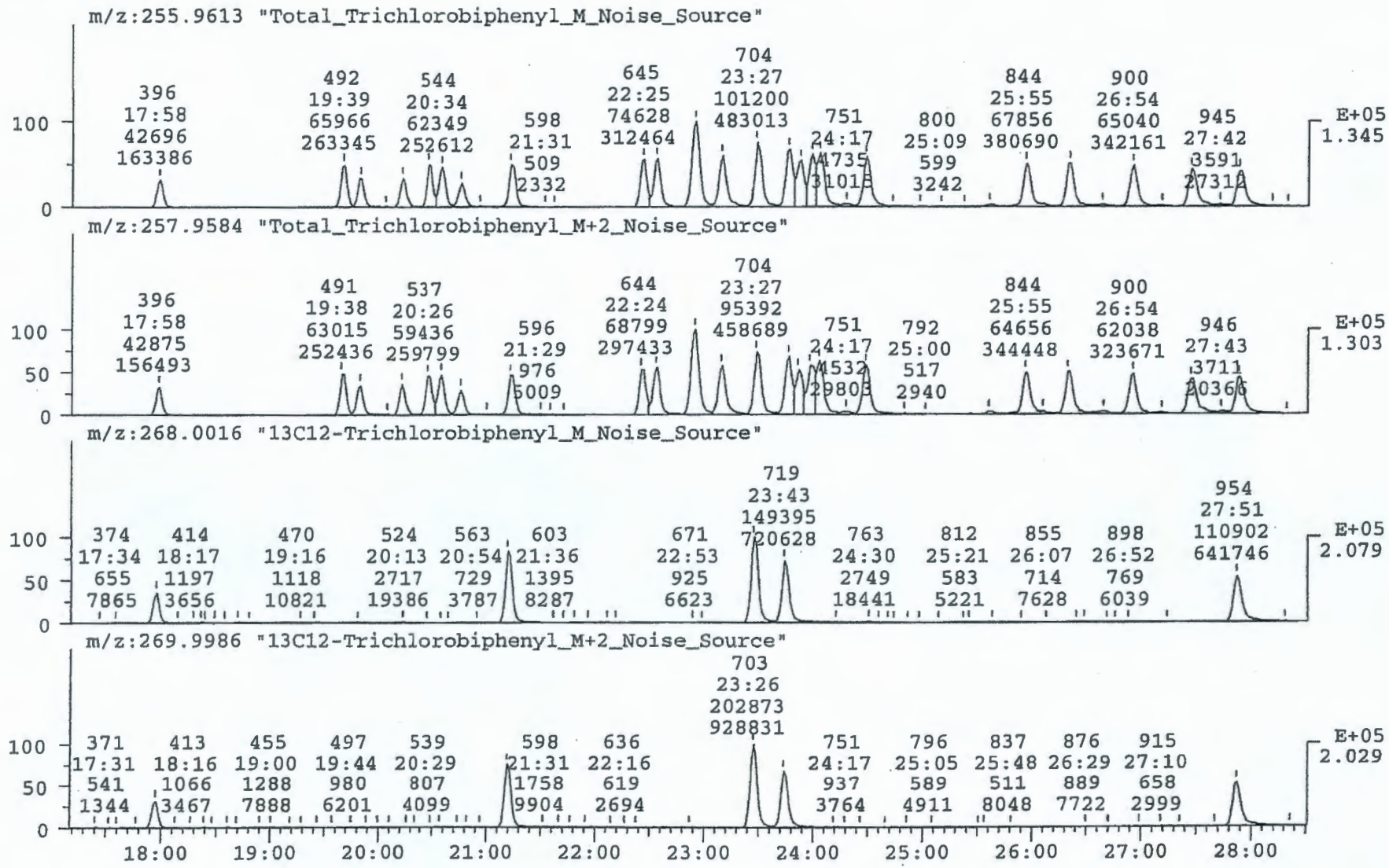
CHRO: apj64jxs 28-Sep-07 Elapse: 17:10.4 351
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 314 > 385 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



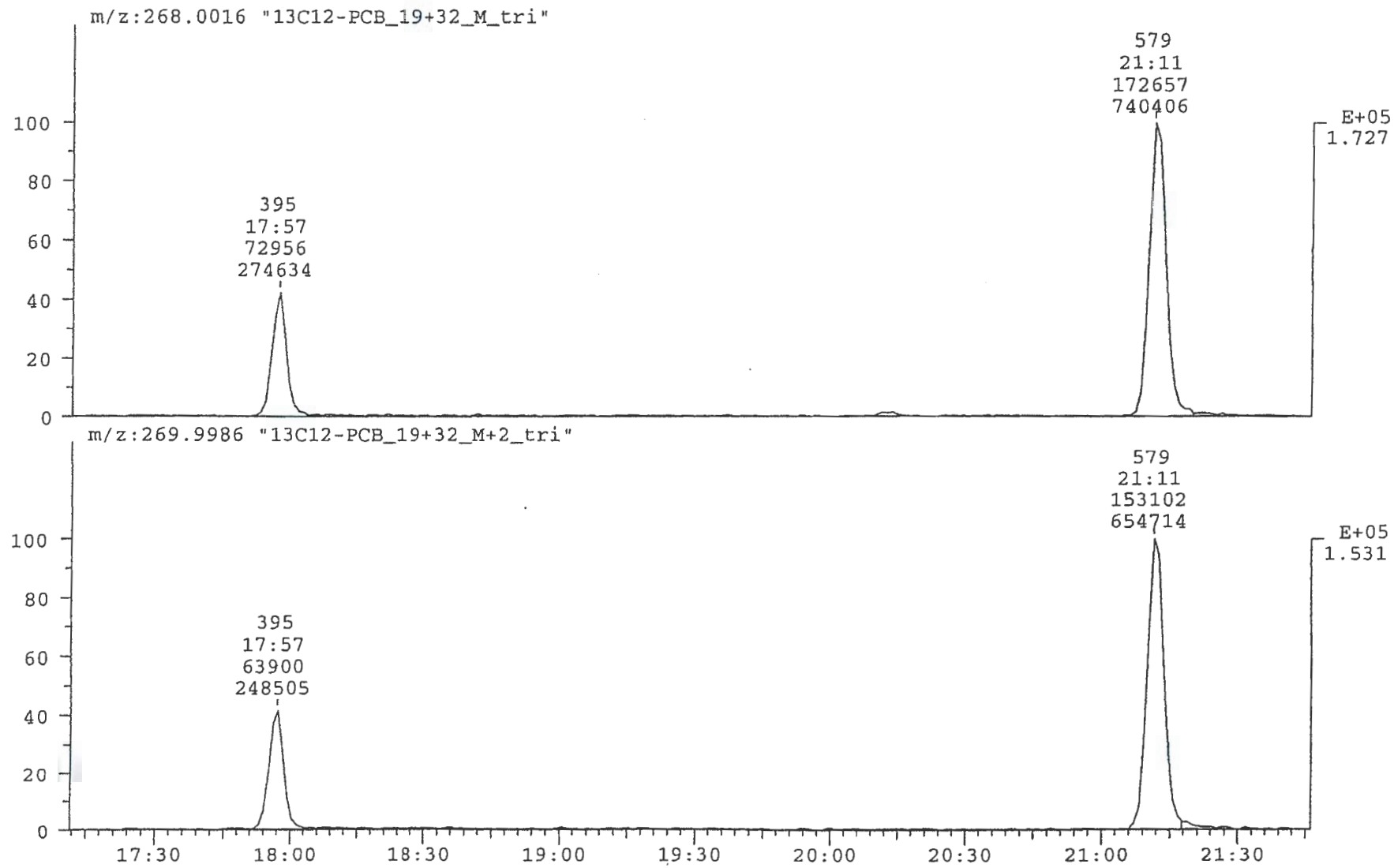
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  19:56.3      508
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   443 > 568           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```



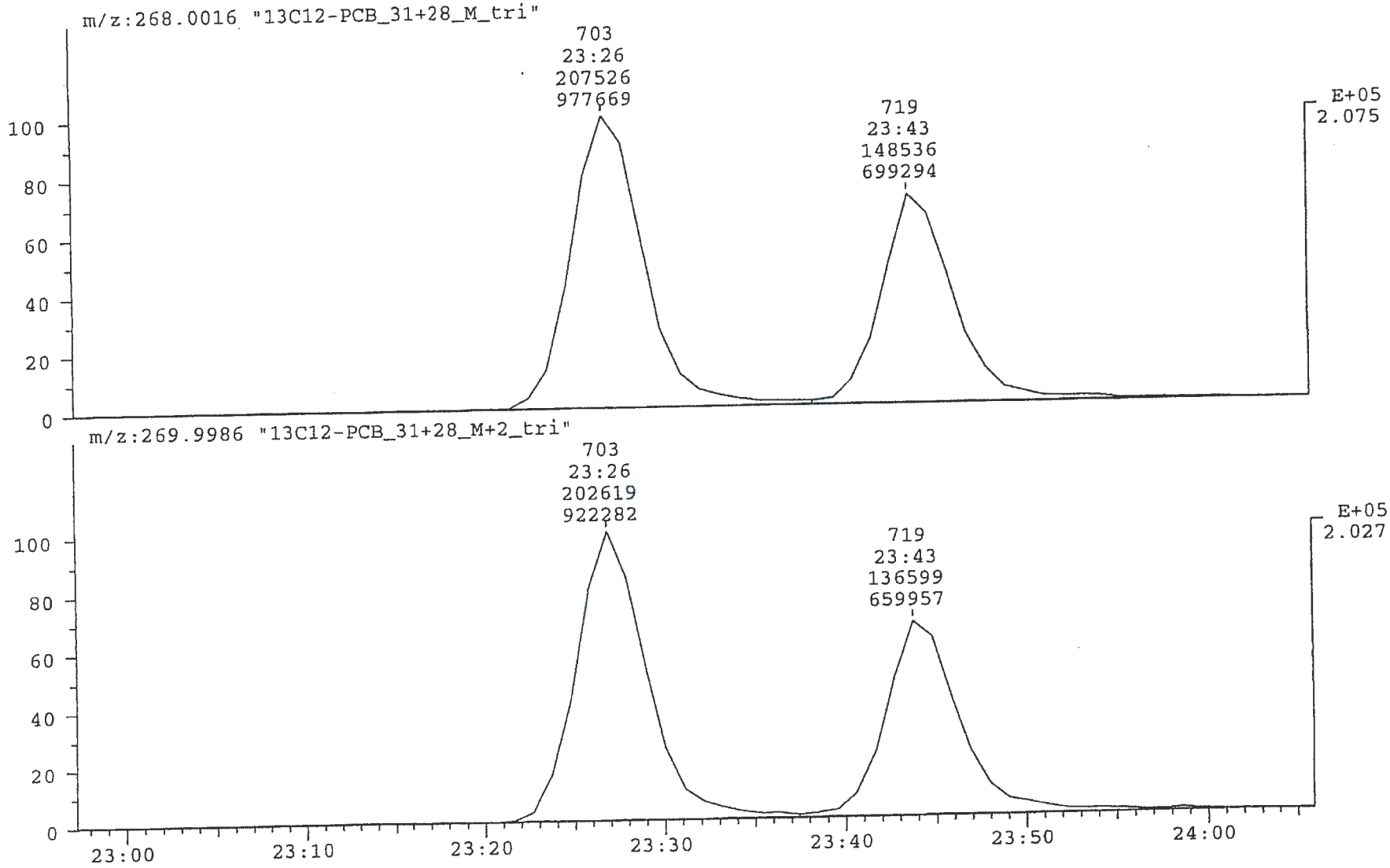
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  22:53.1      671
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   351 > 991            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



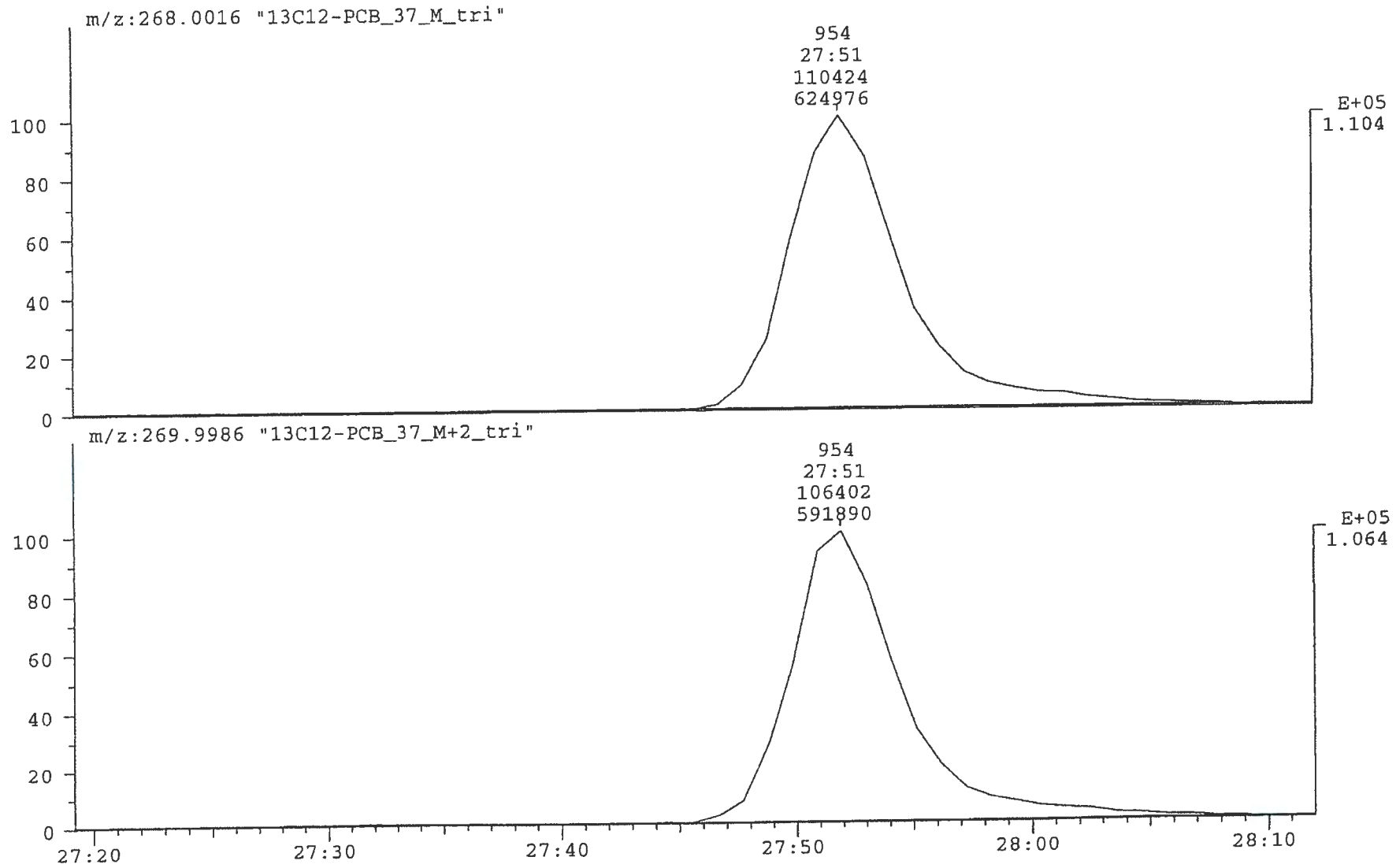
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  19:18.3      472
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   352 > 612            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



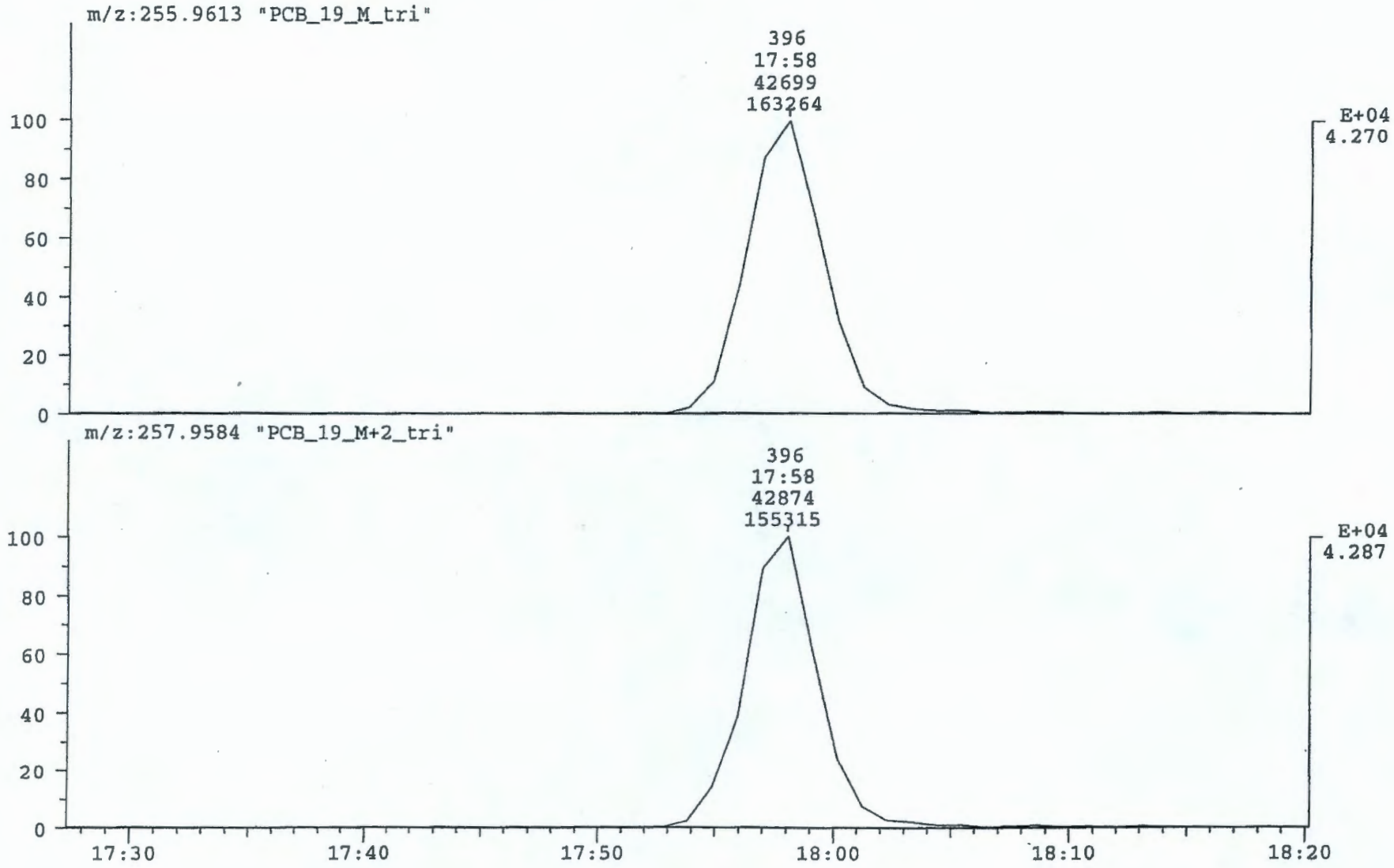
CHRO: apj64jxs 28-Sep-07 Elapse: 23:23.7 700
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 675 > 740 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  apj64jxs                                  28-Sep-07   Elapse:  27:45.6      948
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                    Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                             Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   923 > 973              Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```

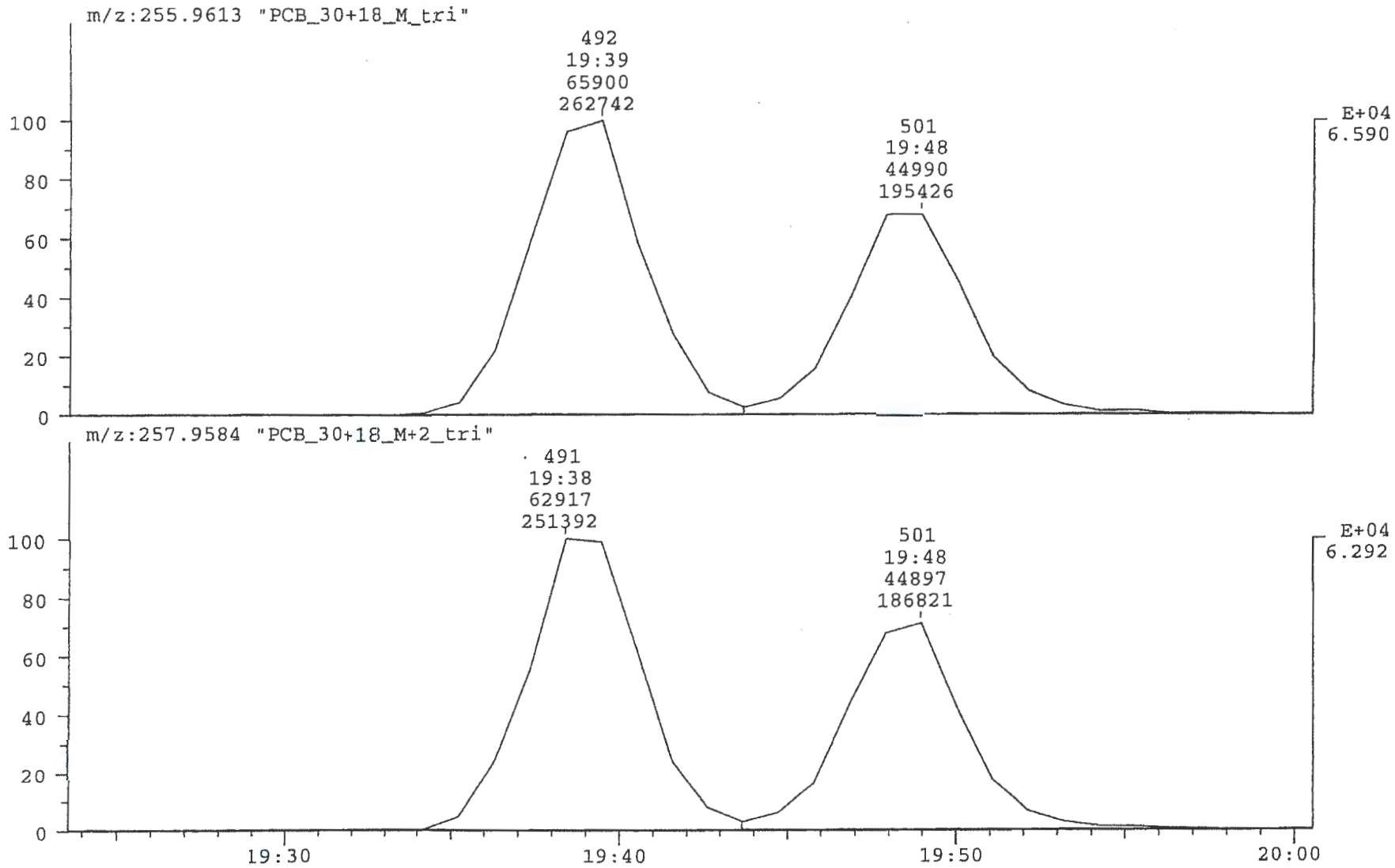


```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  17:53.8      392
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC      Vial  36
Peak:  100.00  ppm      Label wndw:   367 > 417            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

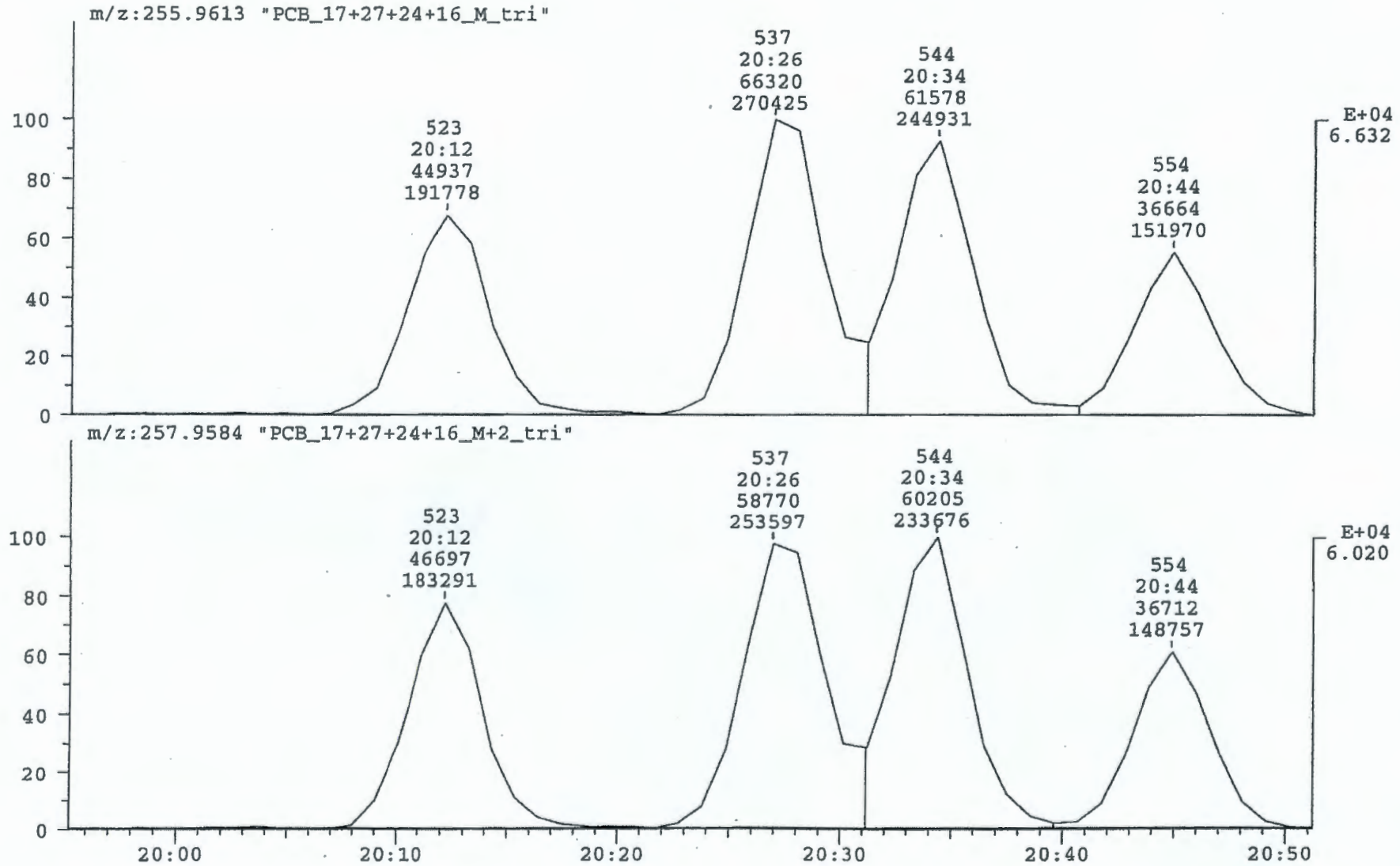


2700

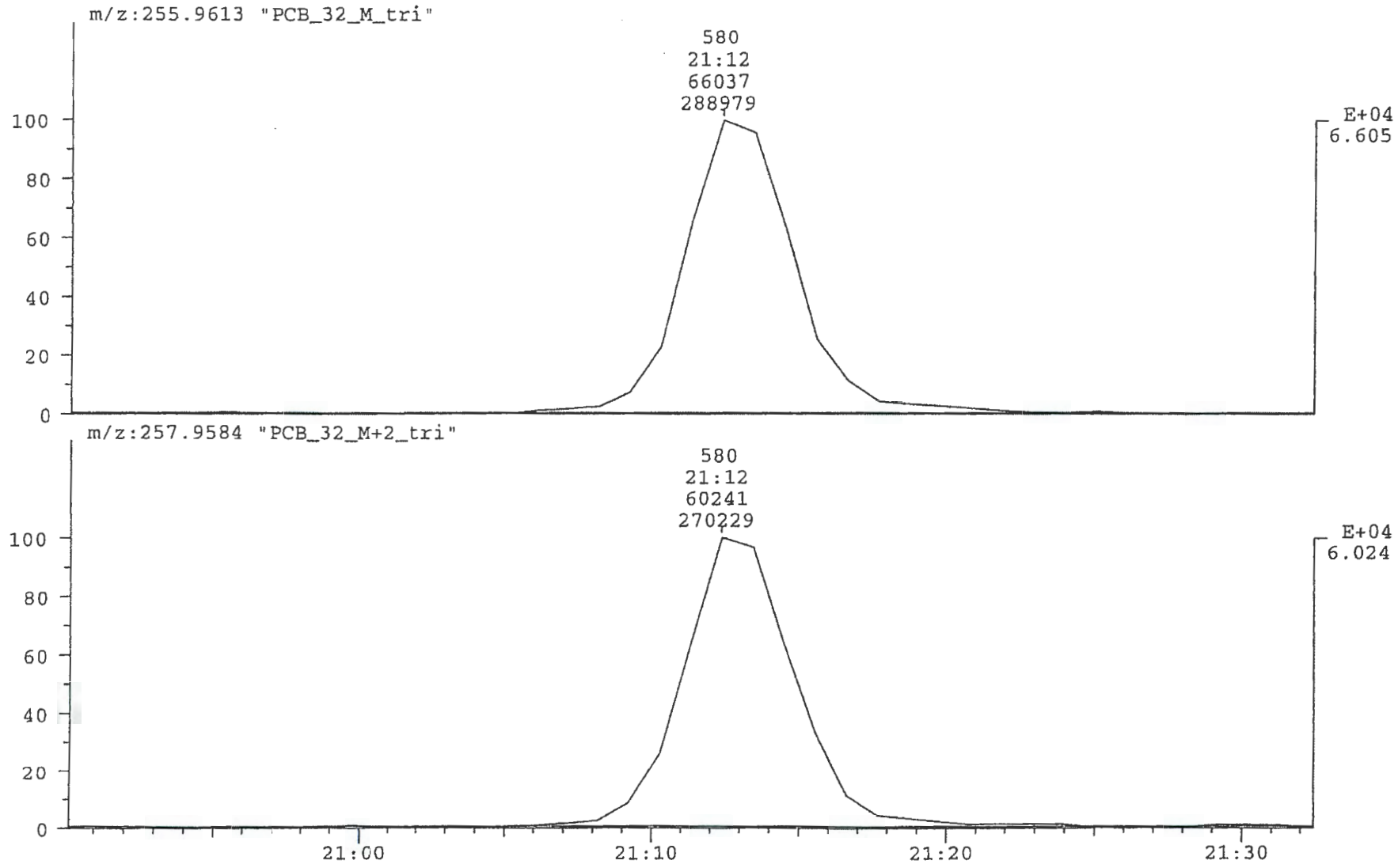
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  19:44.7      497
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   477 > 512            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



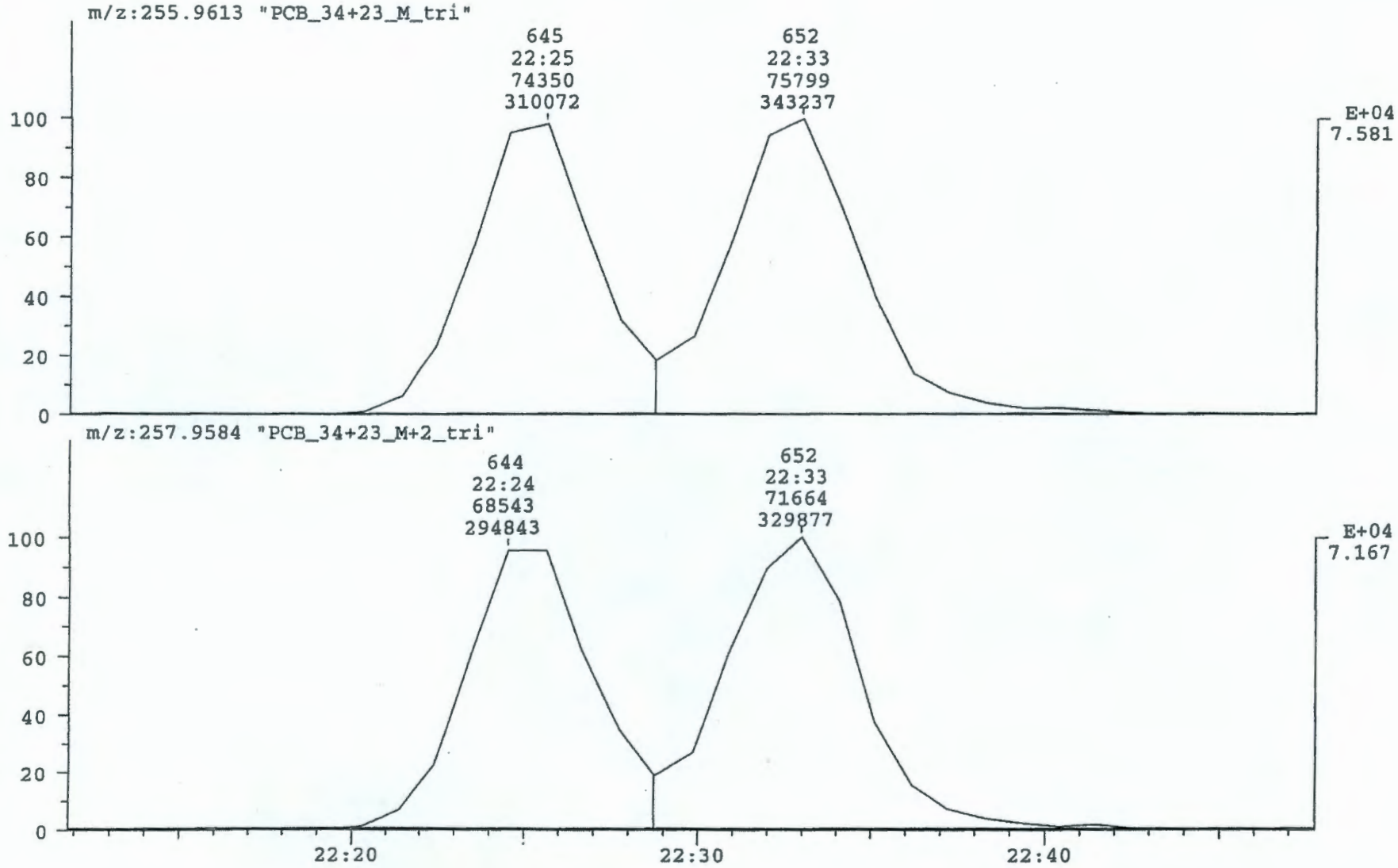
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  20:26.9      537
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   507 > 560            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



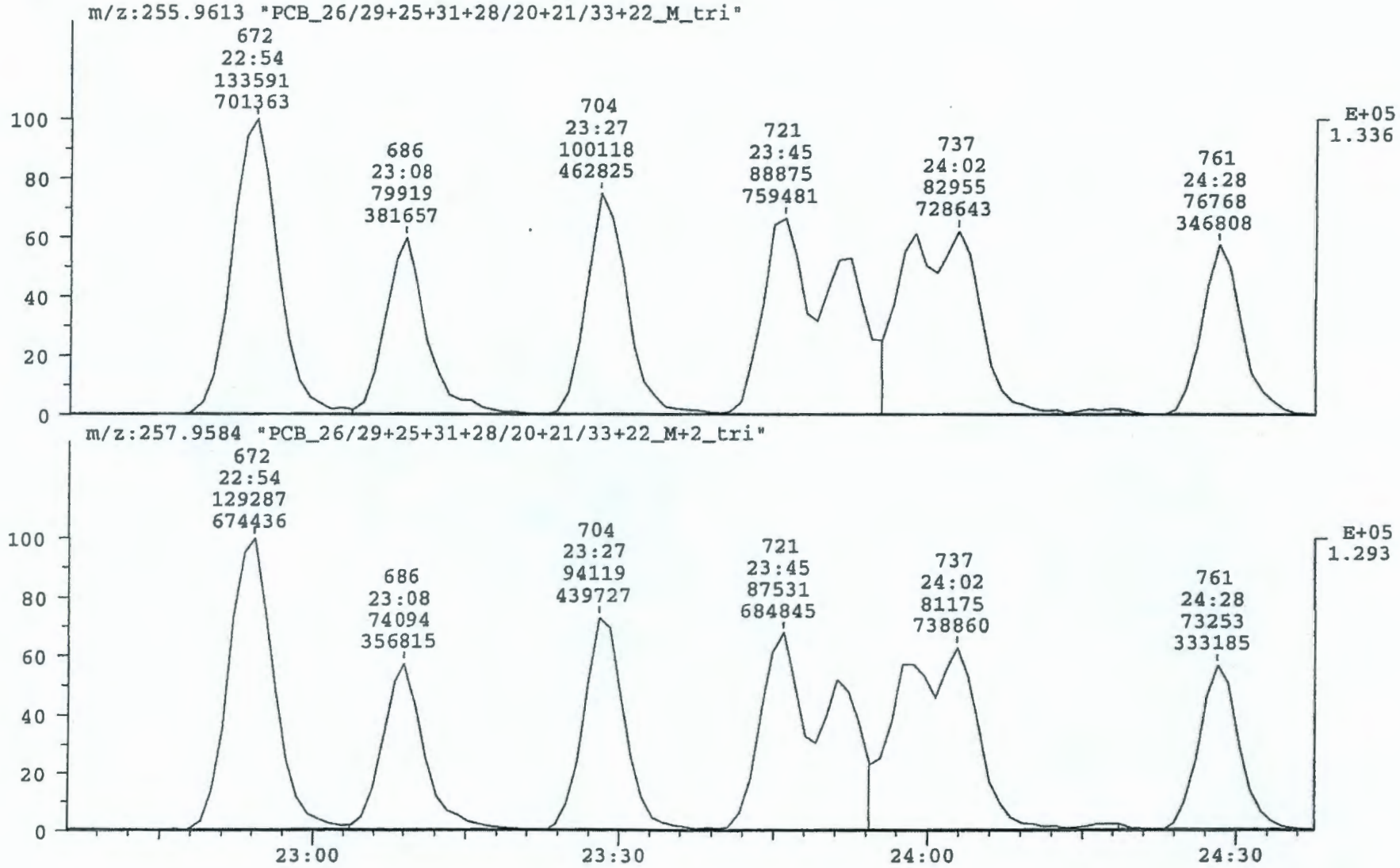
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  21:11.3      579
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   559 > 599           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



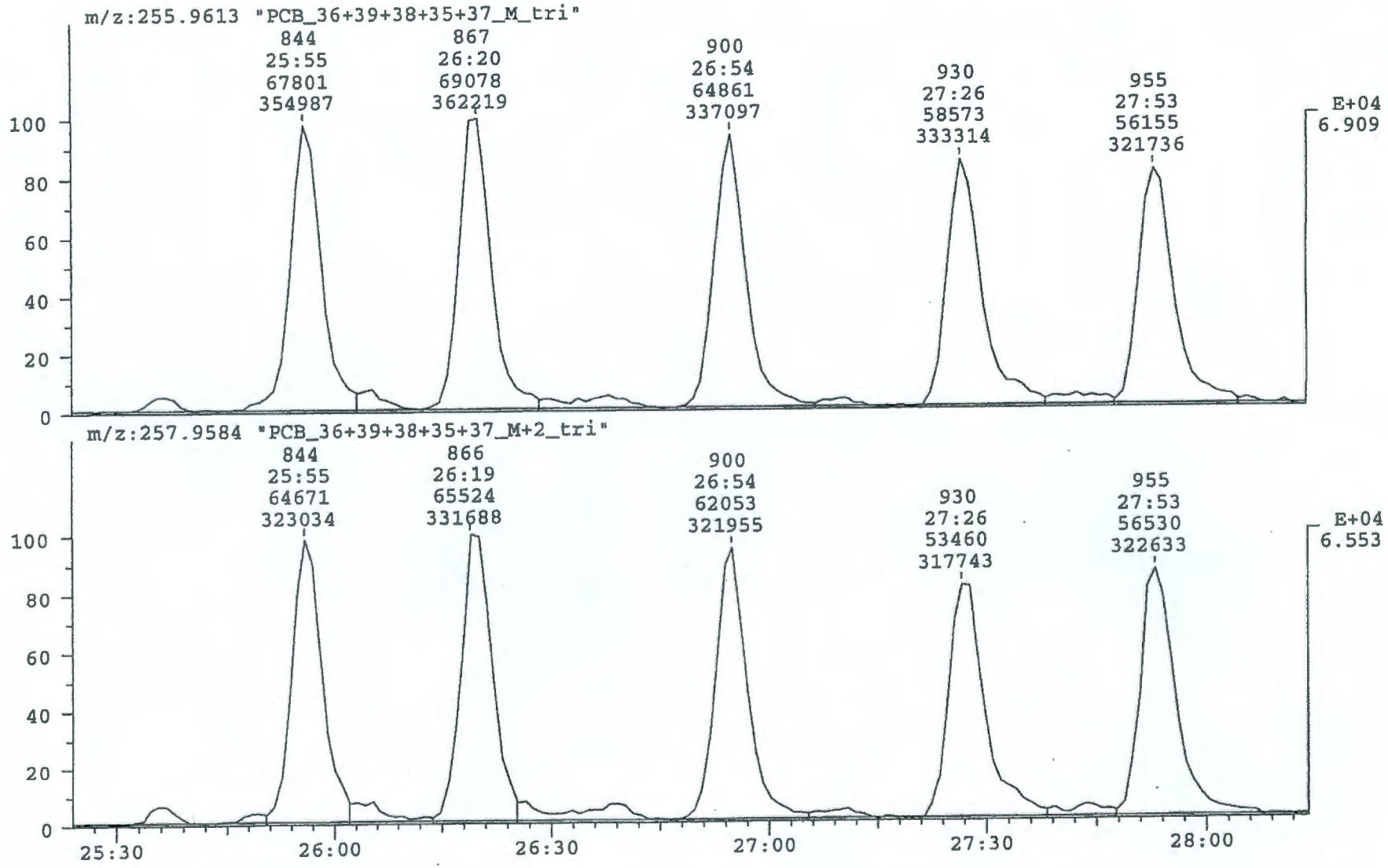
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  22:24.5      644
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  36
Peak:  100.00  ppm      Label wndw:   632 > 666           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



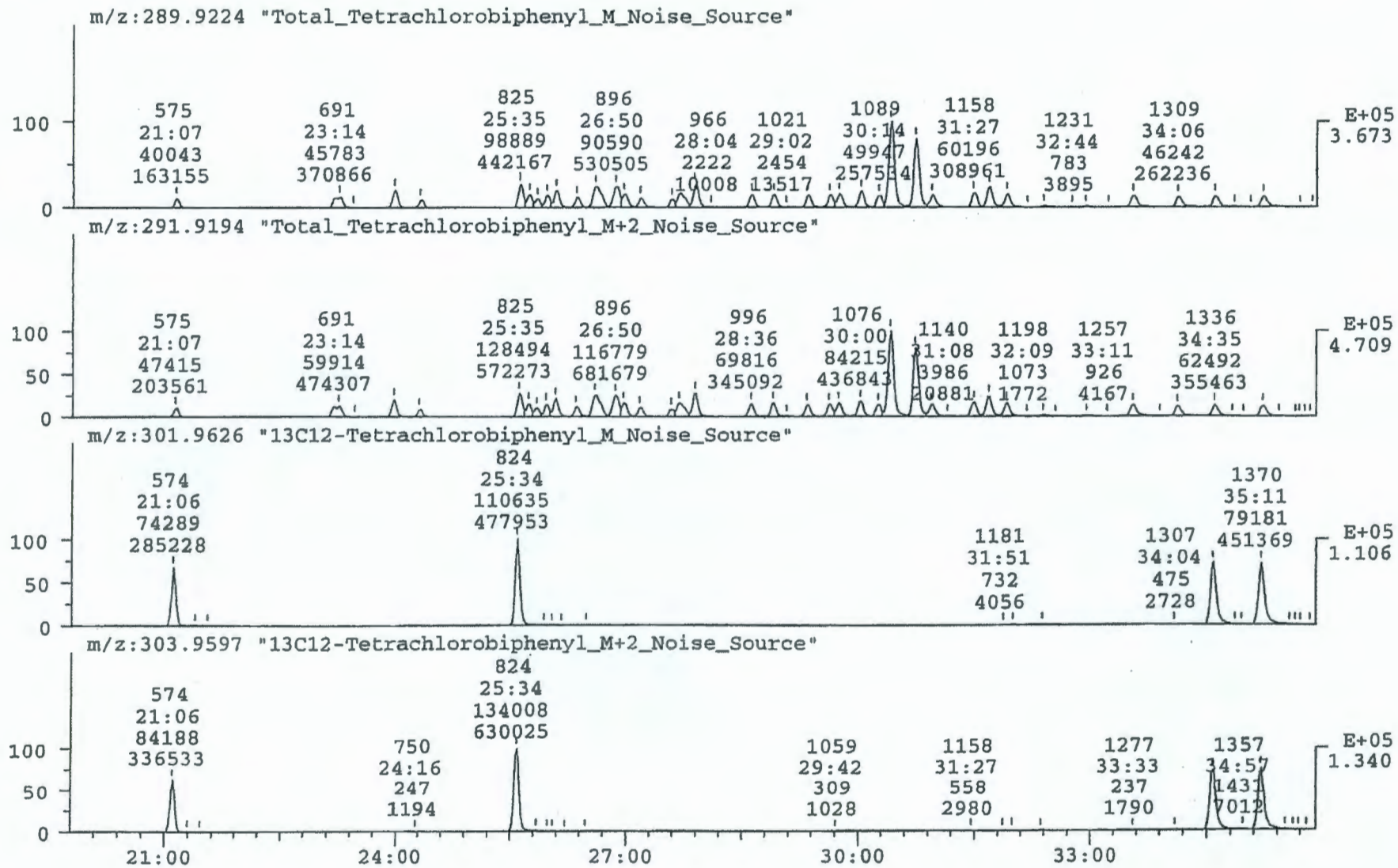
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  23:55.3      730
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   655 > 770           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8              Label :  -3, 3.0
Disp:  Height  Area
```



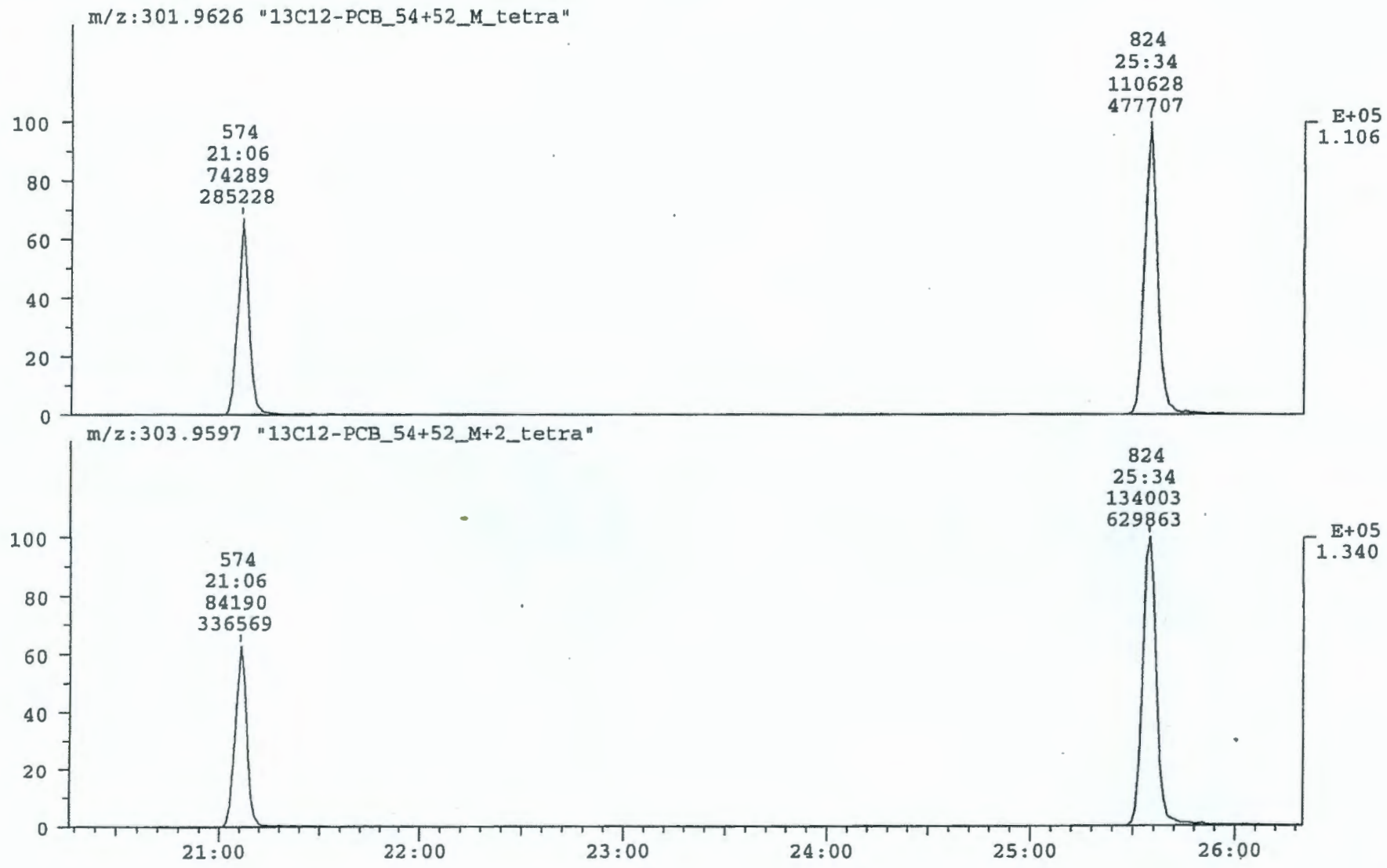
CHRO: apj64jxs 28-Sep-07 Elapse: 26:53.9 899
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 814 > 975 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



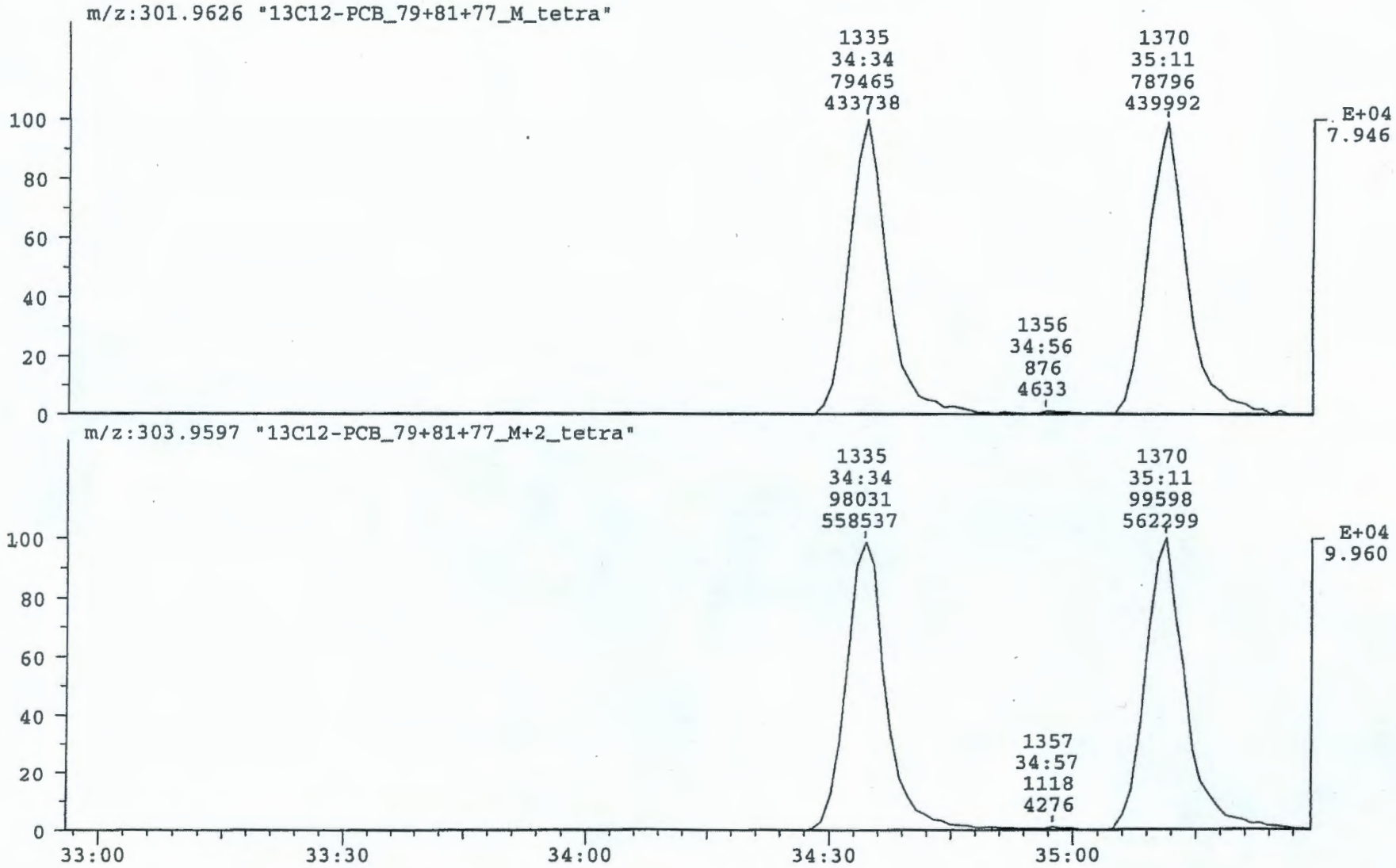
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  27:50.9      953
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  36
Peak:  100.00  ppm      Label wndw:   500 > 1411          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



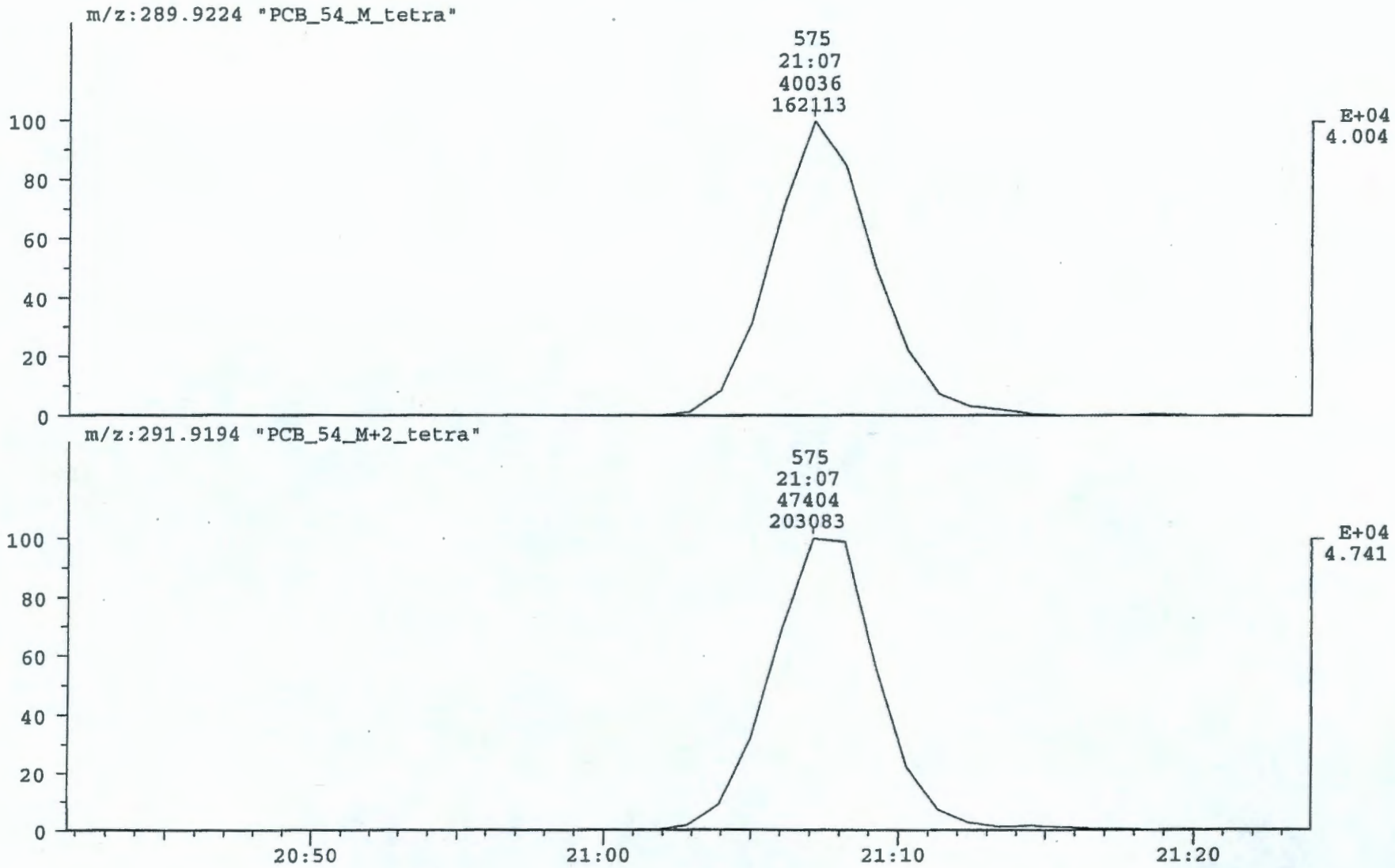
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  23:20.5      697
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   527 > 867           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



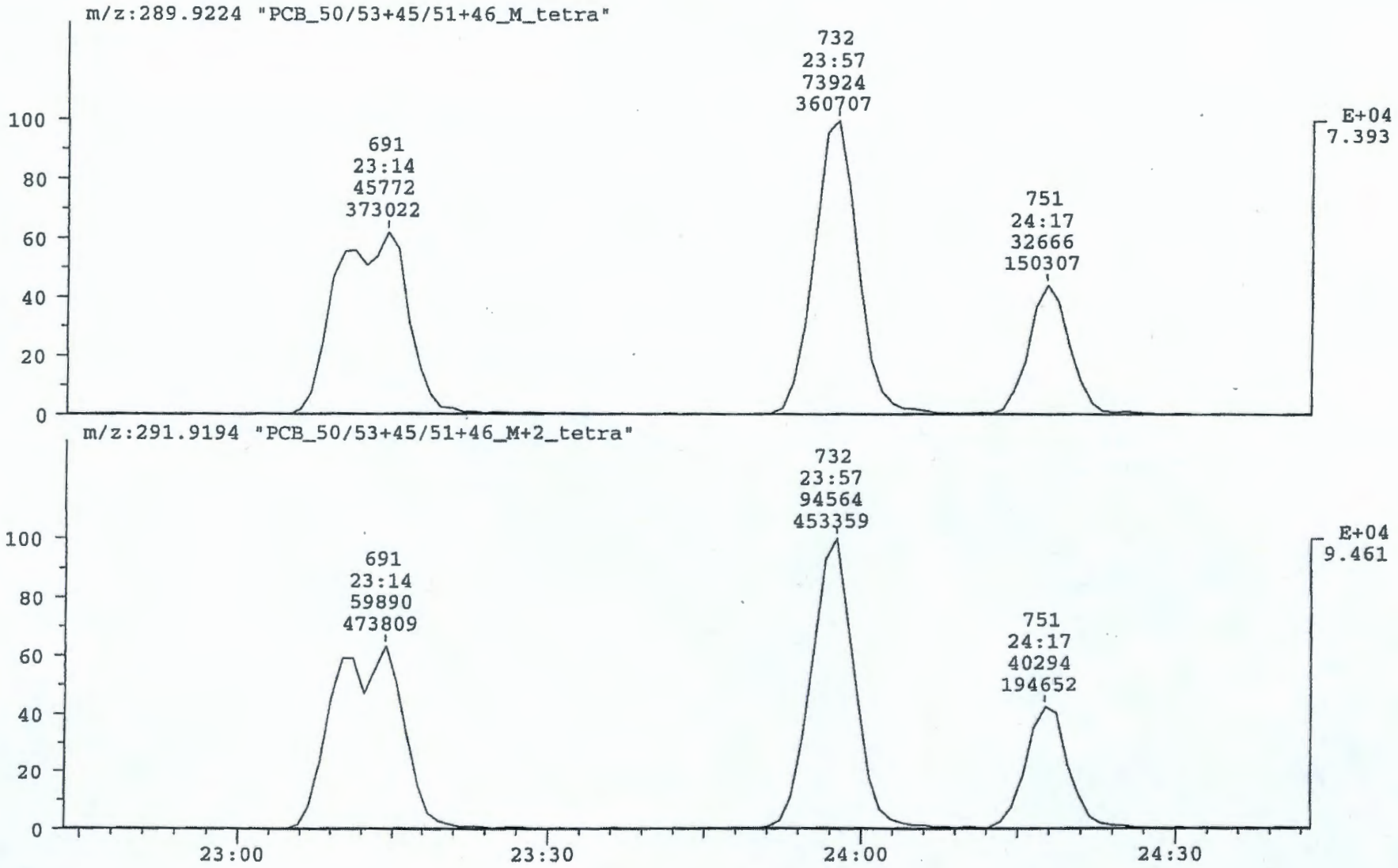
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  34:09      1312
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial 36
Peak:  100.00  ppm     Label wndw:   1242 > 1387          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



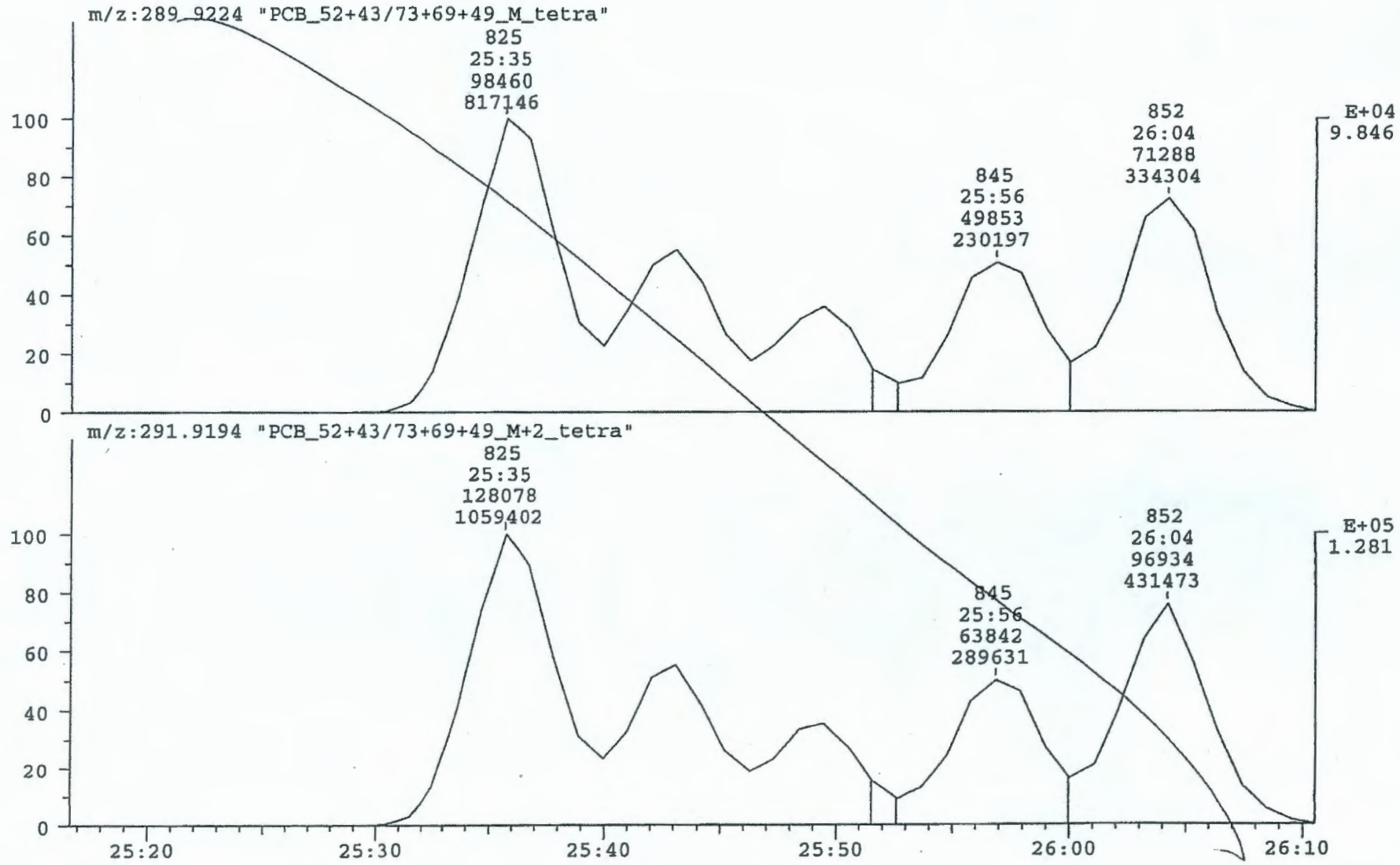
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  21:02.8      571
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   551 > 591           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



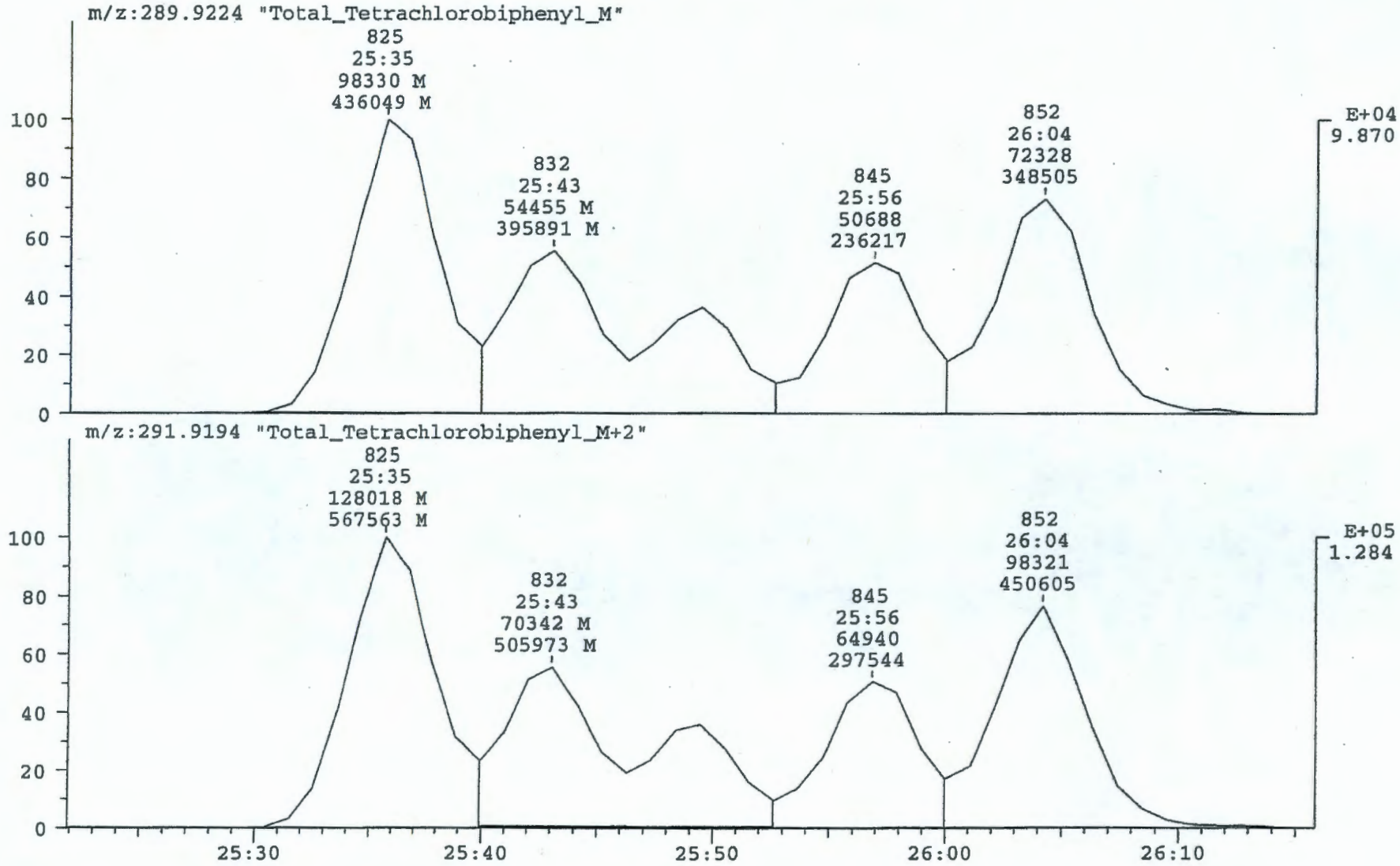
CHRO: apj64jxs 28-Sep-07 Elapse: 23:50.1 725
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 662 > 775 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 9 Label : -3, 3.0
Disp: Height Area



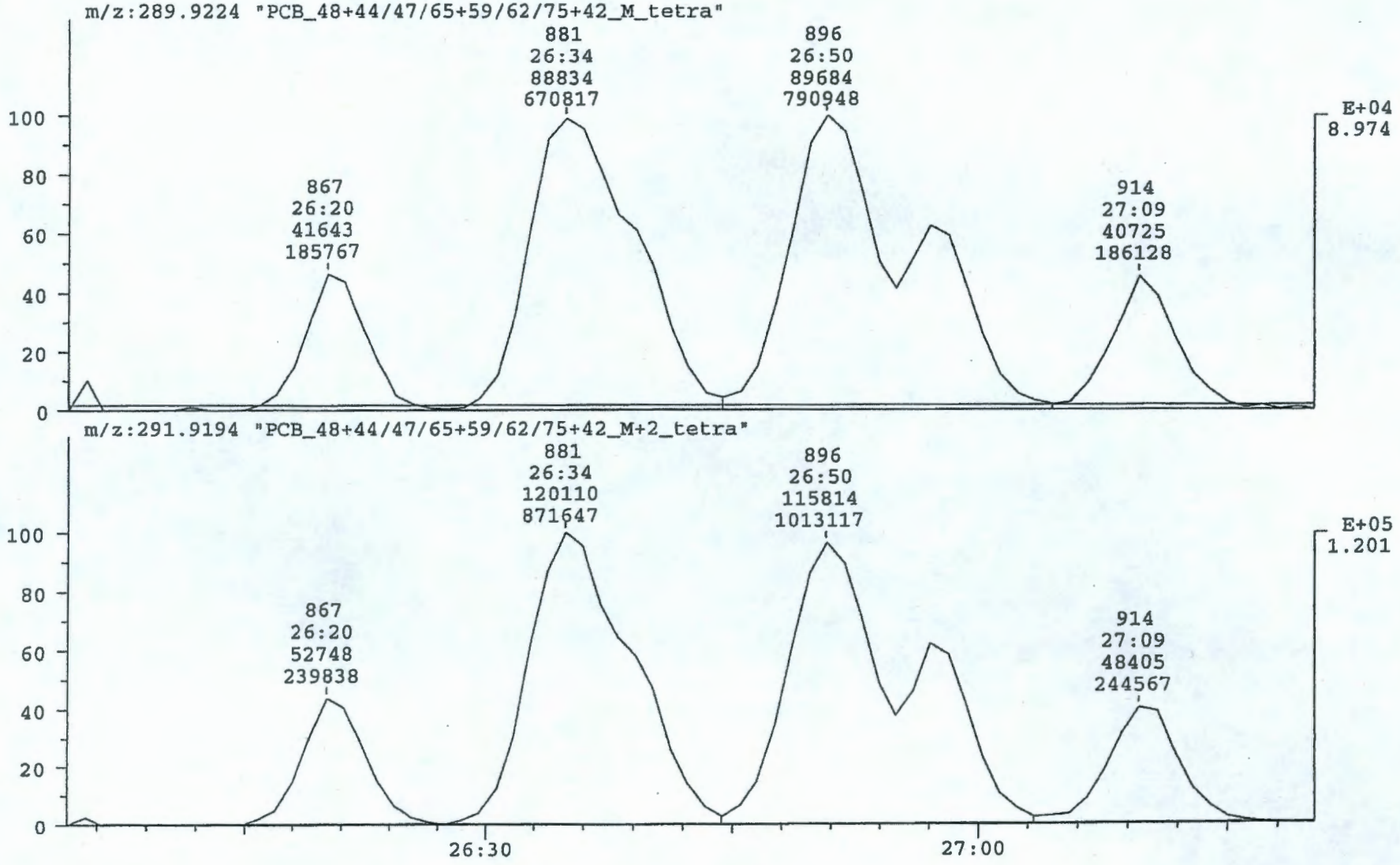
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  25:51.5      840
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  36
Peak:  100.00  ppm      Label wndw:   807 > 858           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5              Label :  -3, 3.0
Disp:  Height  Area
```



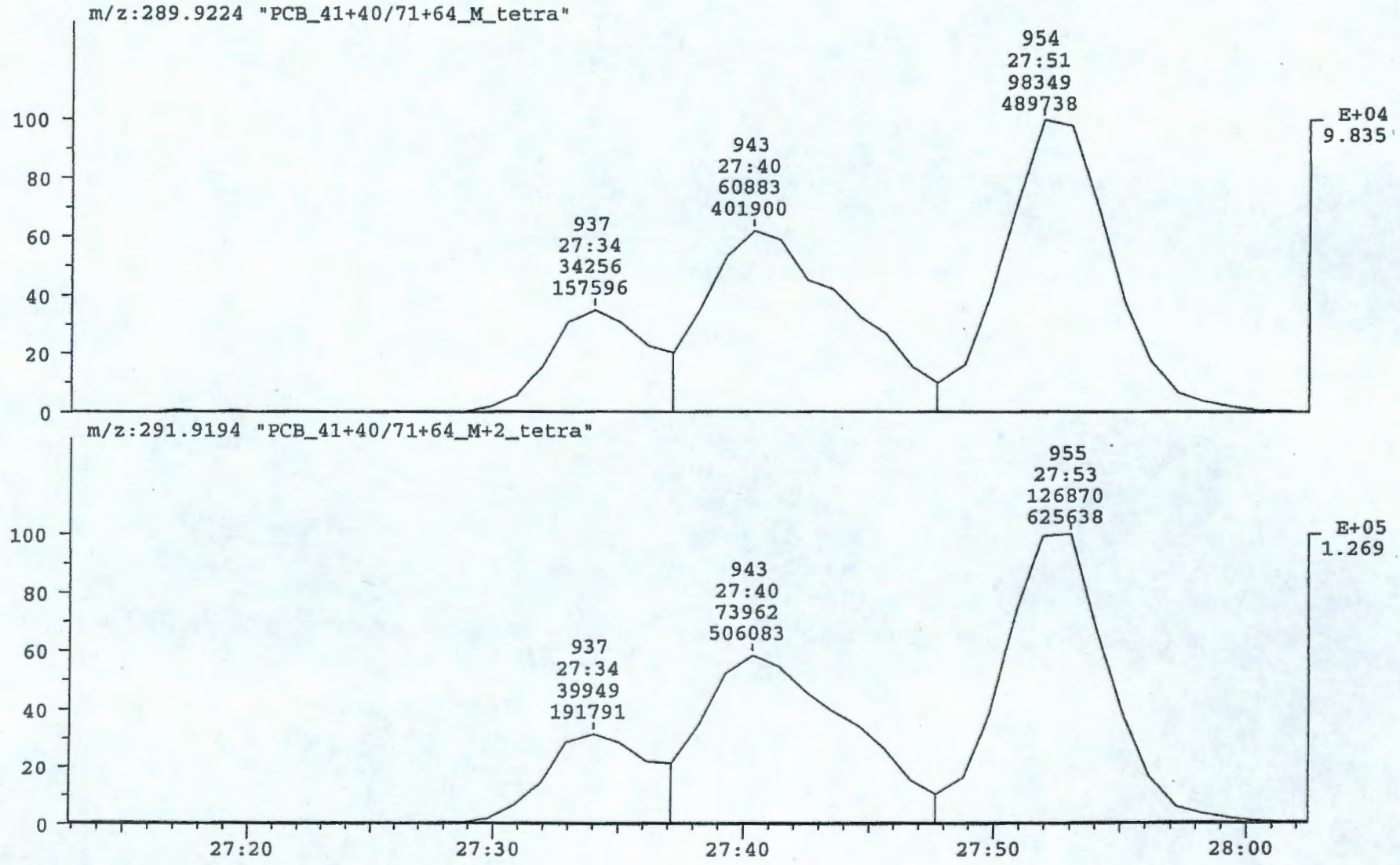
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  56:11      2555
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:  812 >.863            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :  100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



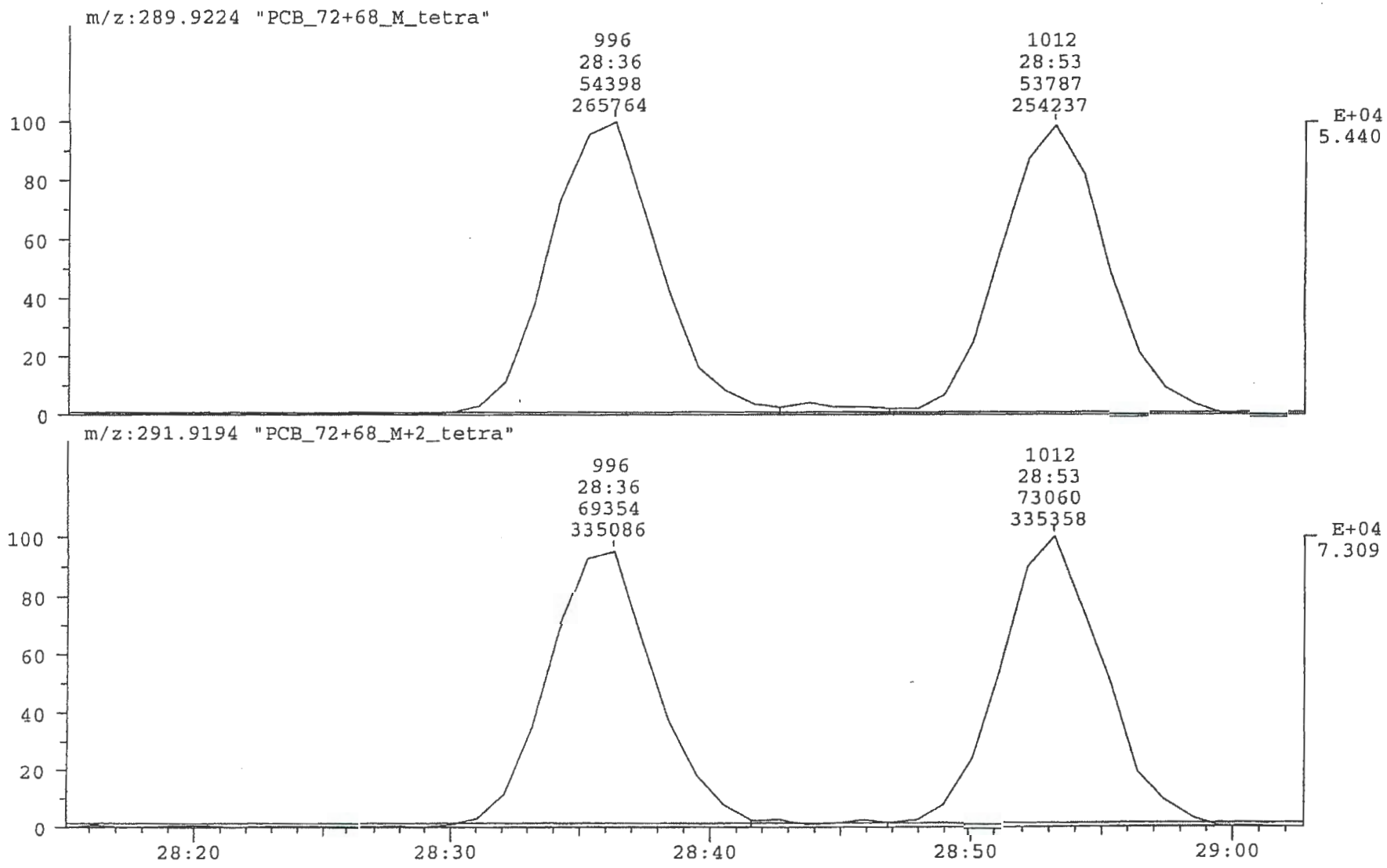
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  26:46.4      892
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm     Label wndw:   852 > 924             Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  27:46.7      949
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  36
Peak:  100.00  ppm      Label wndw:   917 > 964           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```

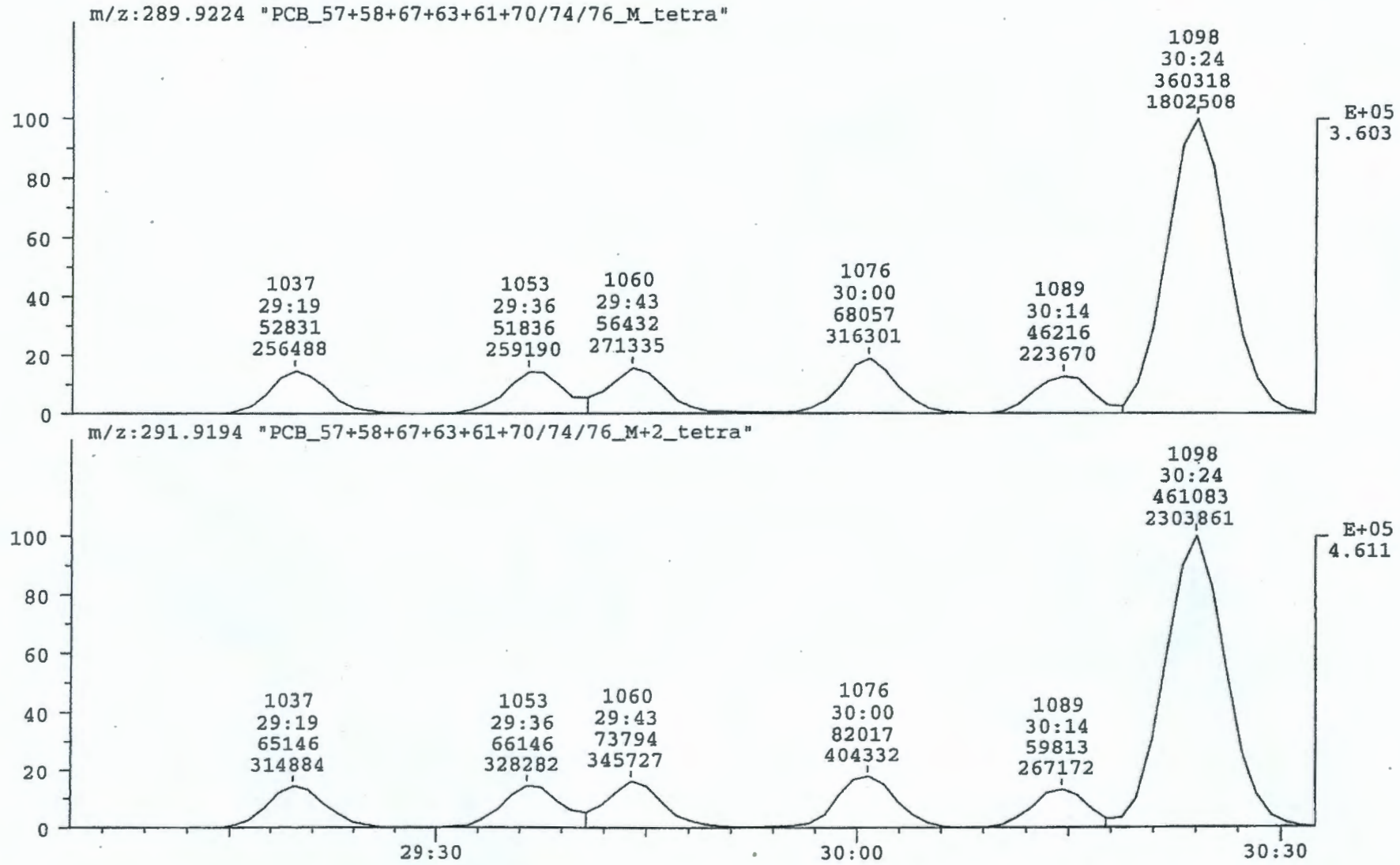


```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  28:46      1006
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   976 > 1021          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```



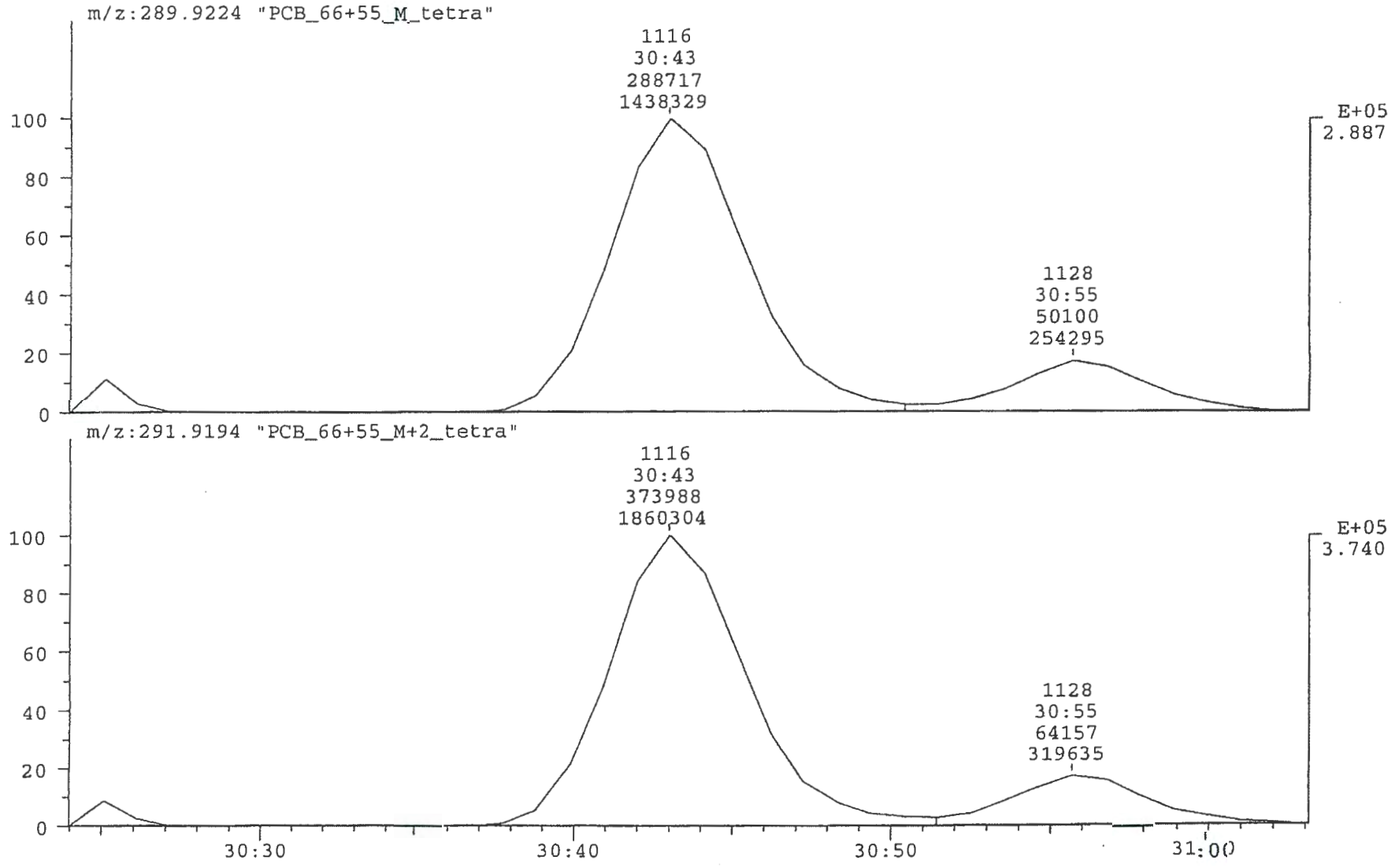
2716

CHRO: apj64jxs 28-Sep-07 Elapse: 29:53 1069
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 . Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1022 > 1106 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

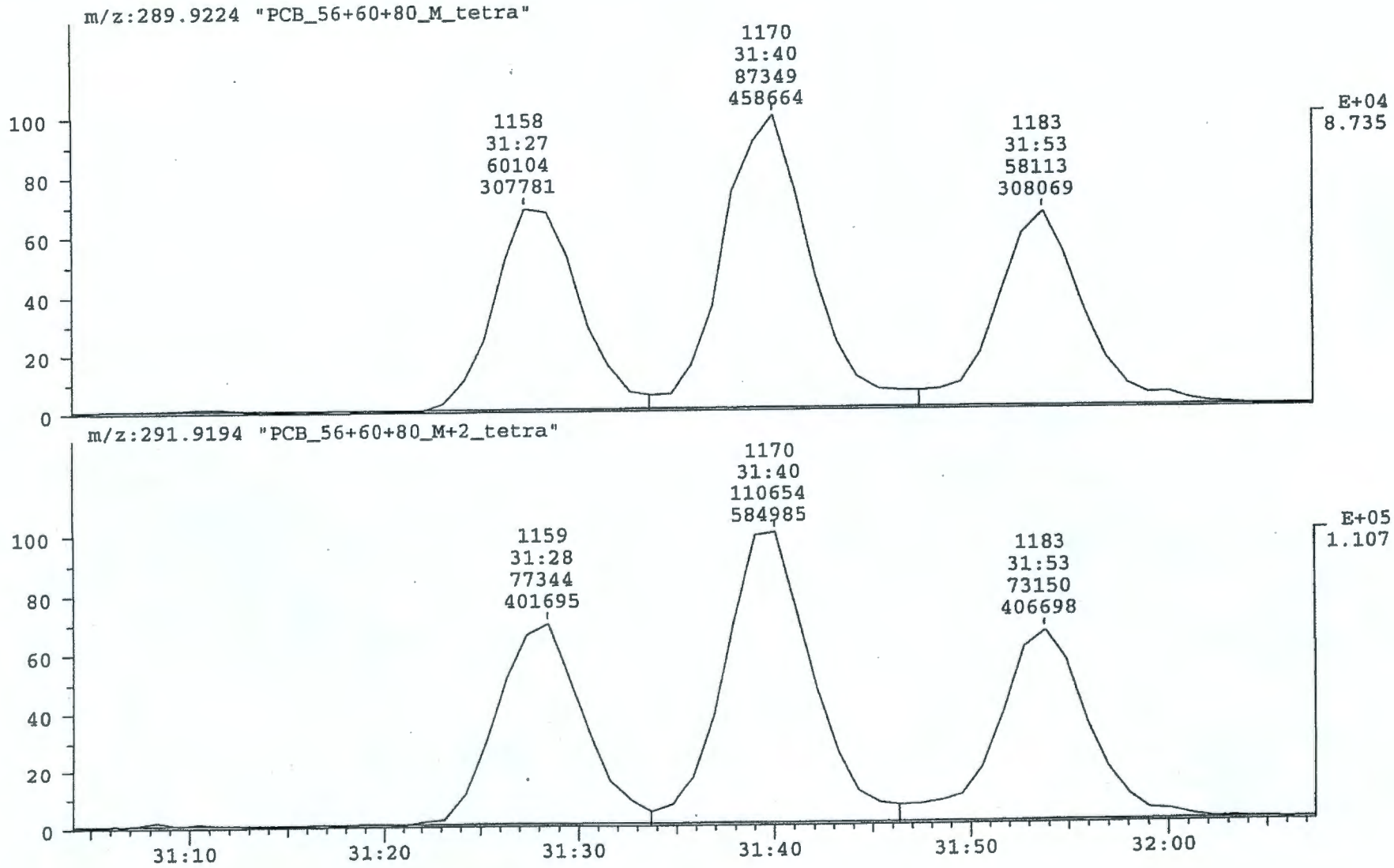


2717

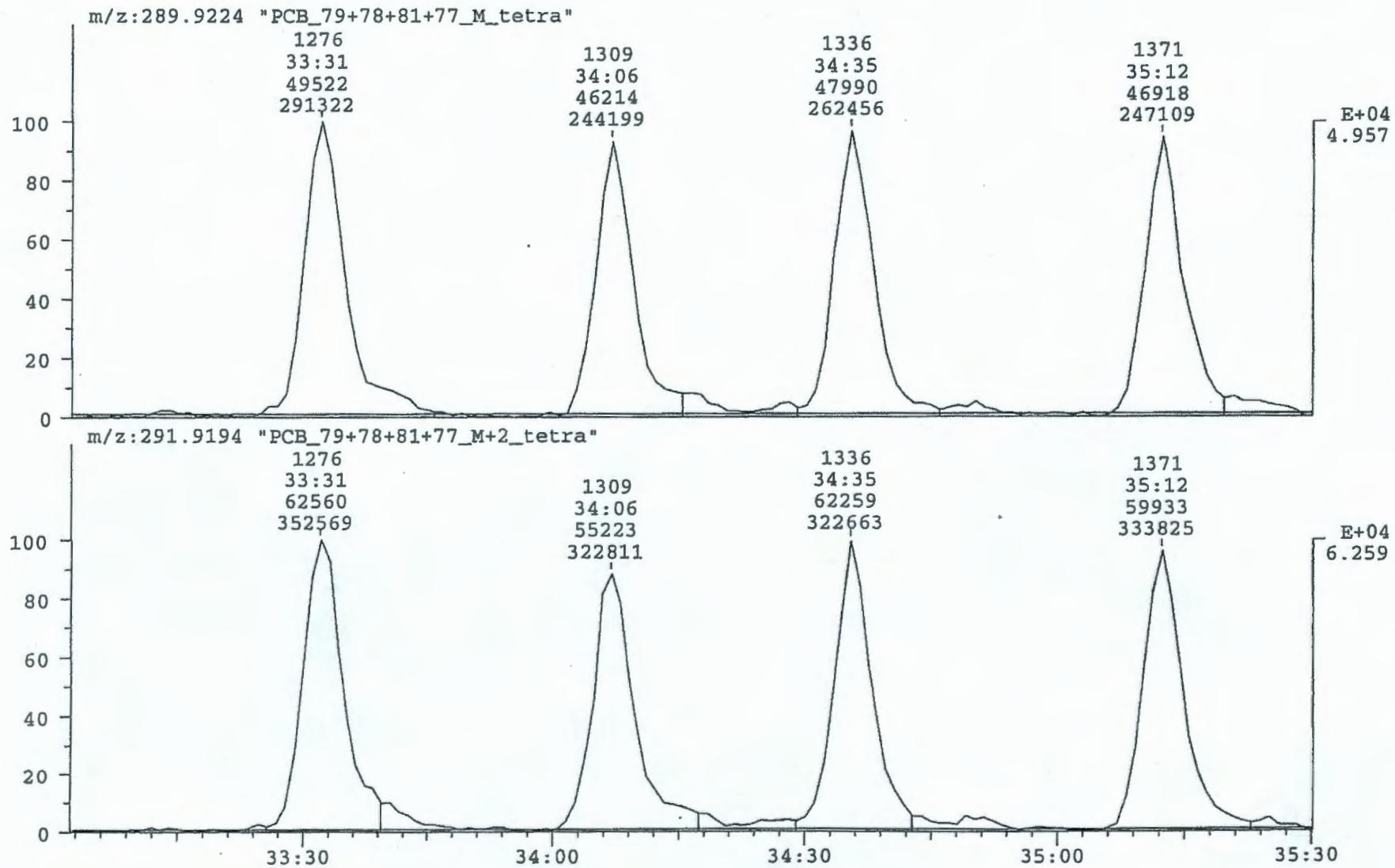
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  30:50      1123
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm     Label wndw:   1098 > 1135           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



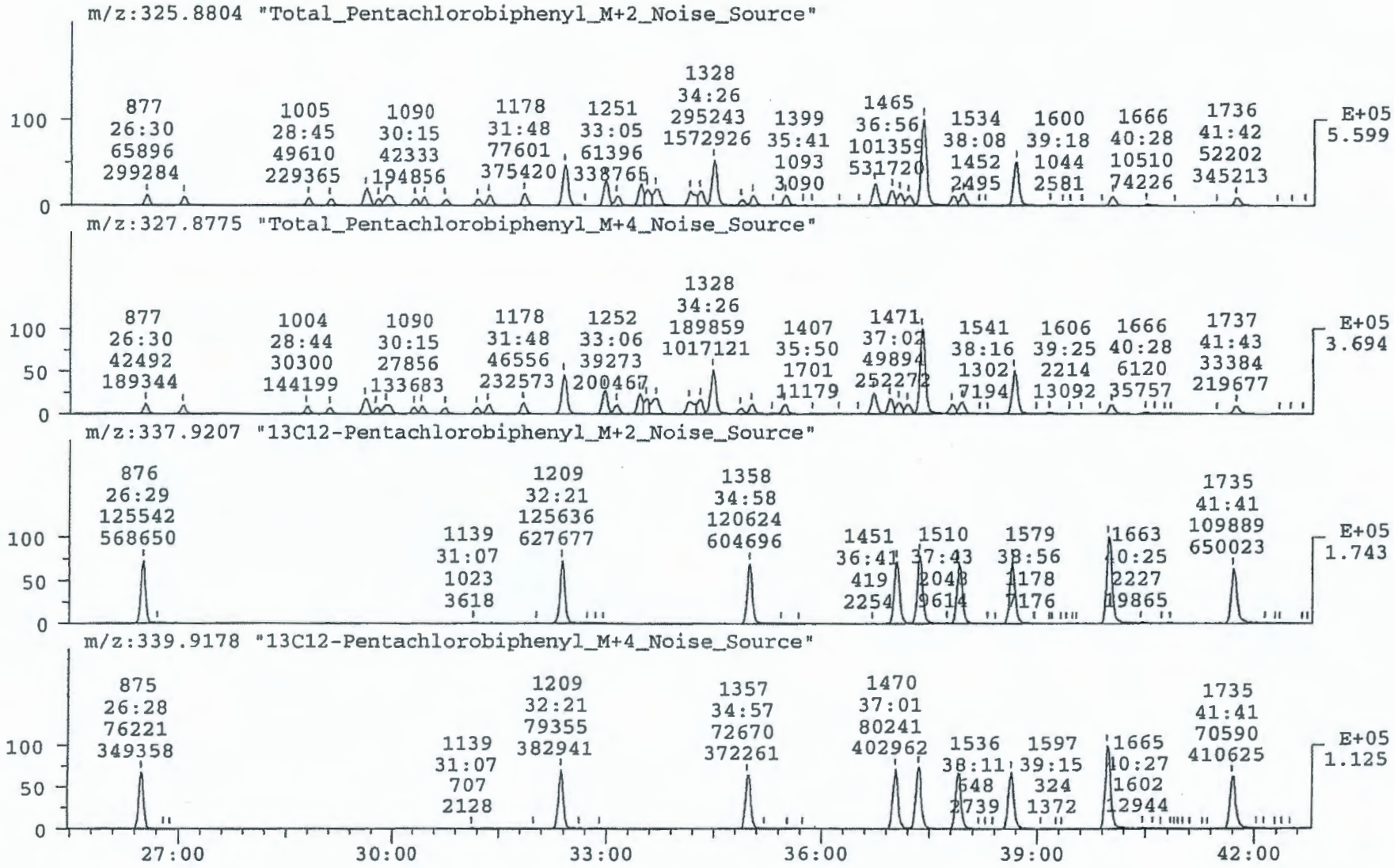
```
CHRO:  apj64jxs                                  28-Sep-07   Elapse:  31:41      1171
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                    Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                             Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1136 > 1196            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



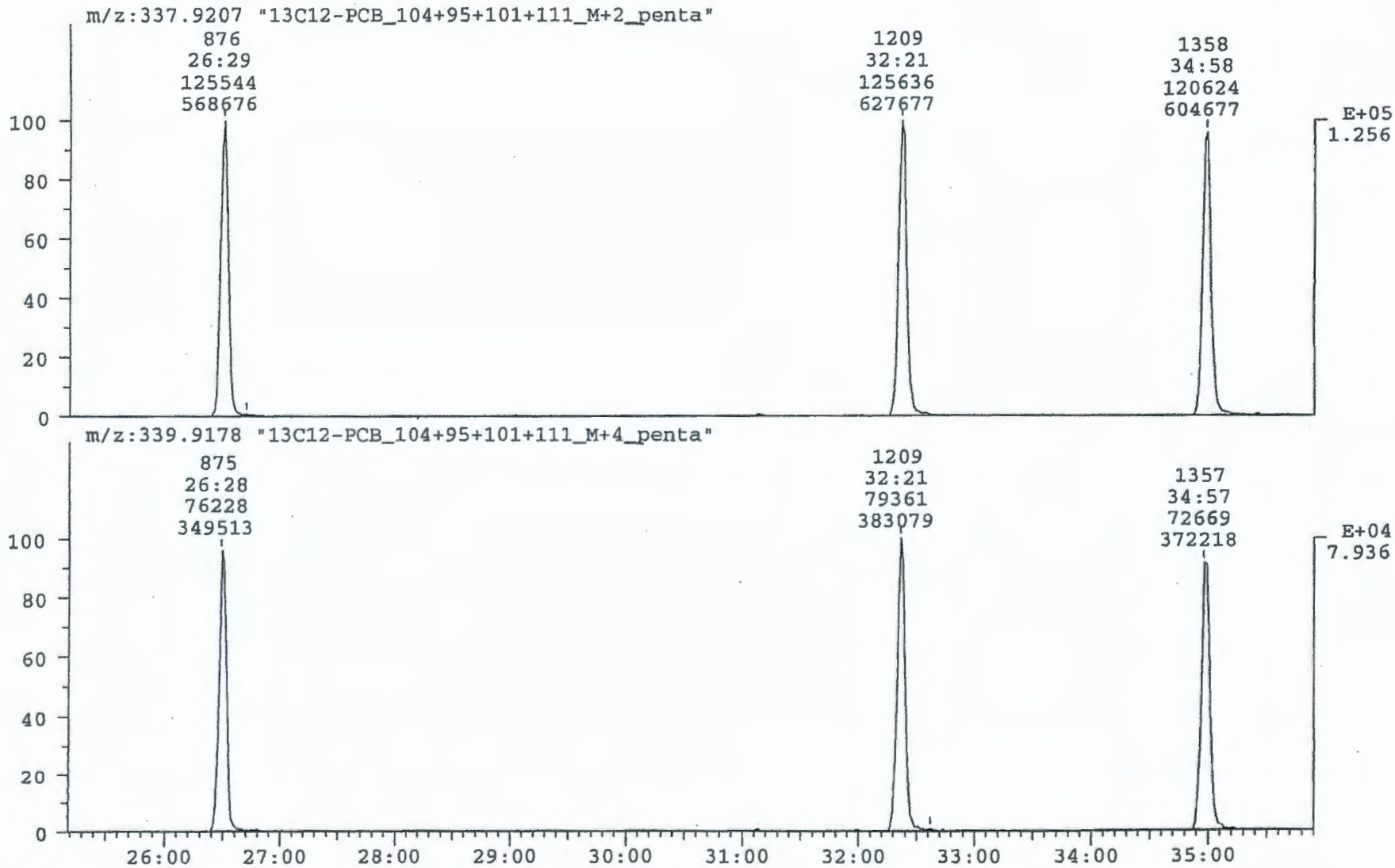
CHRO: apj64jxs 28-Sep-07 Elapse: 34:11 1313
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1248 > 1388 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



CHRO: apj64jxs 28-Sep-07 Elapse: 34:07 1310
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 818 > 1798 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

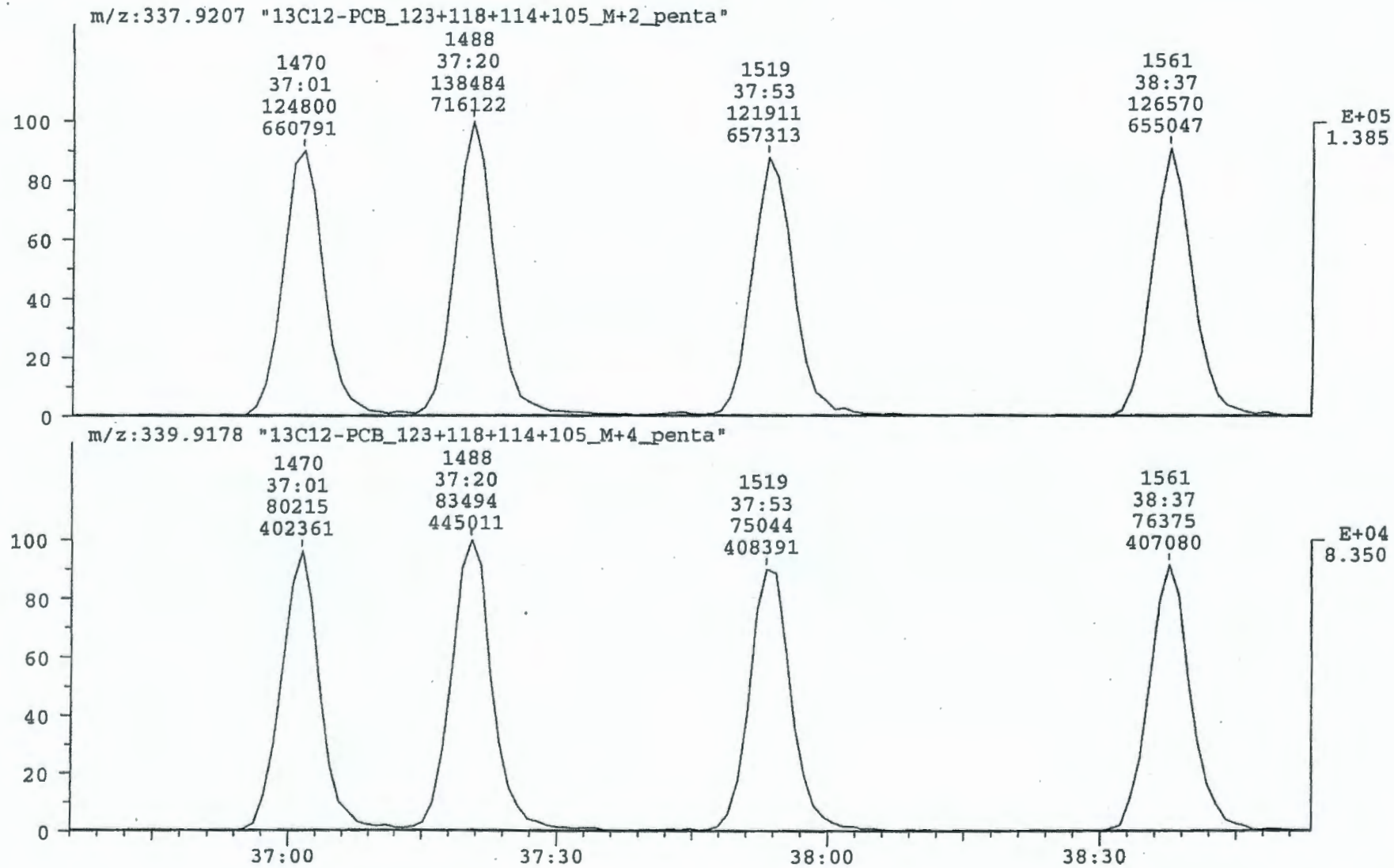


```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  30:32      1106
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   802 > 1411           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

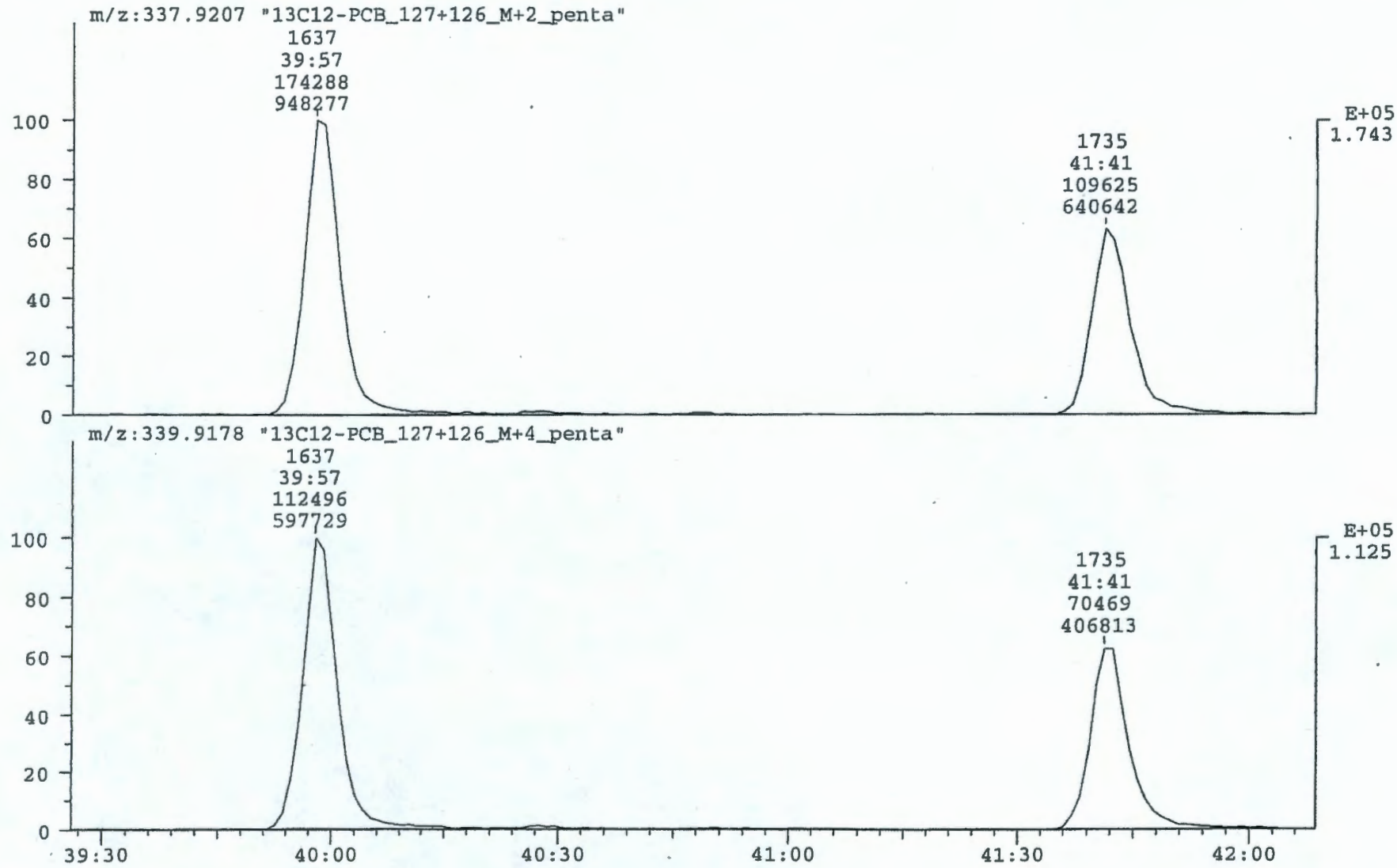


2722

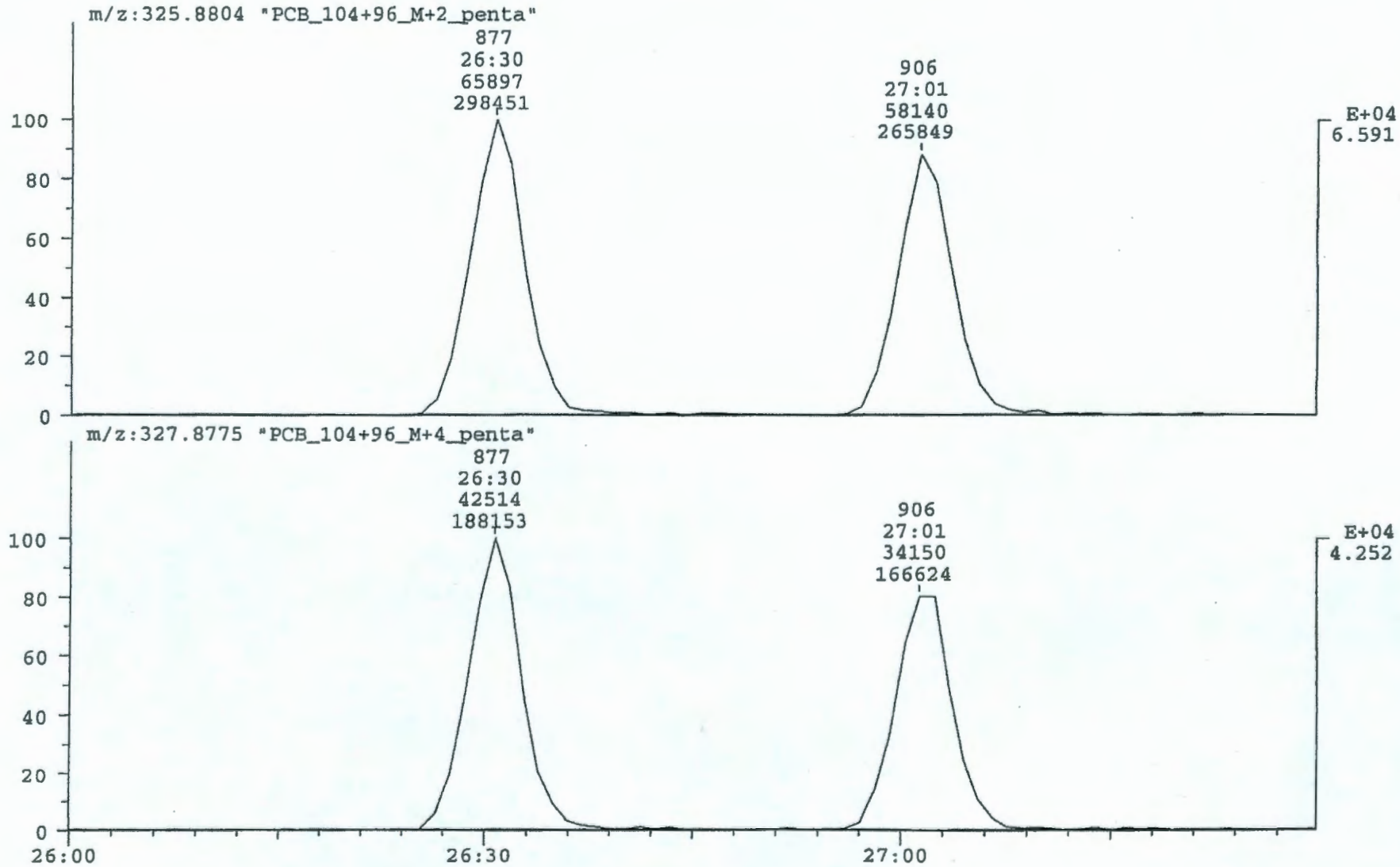
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  37:49      1516
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1446 > 1576          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



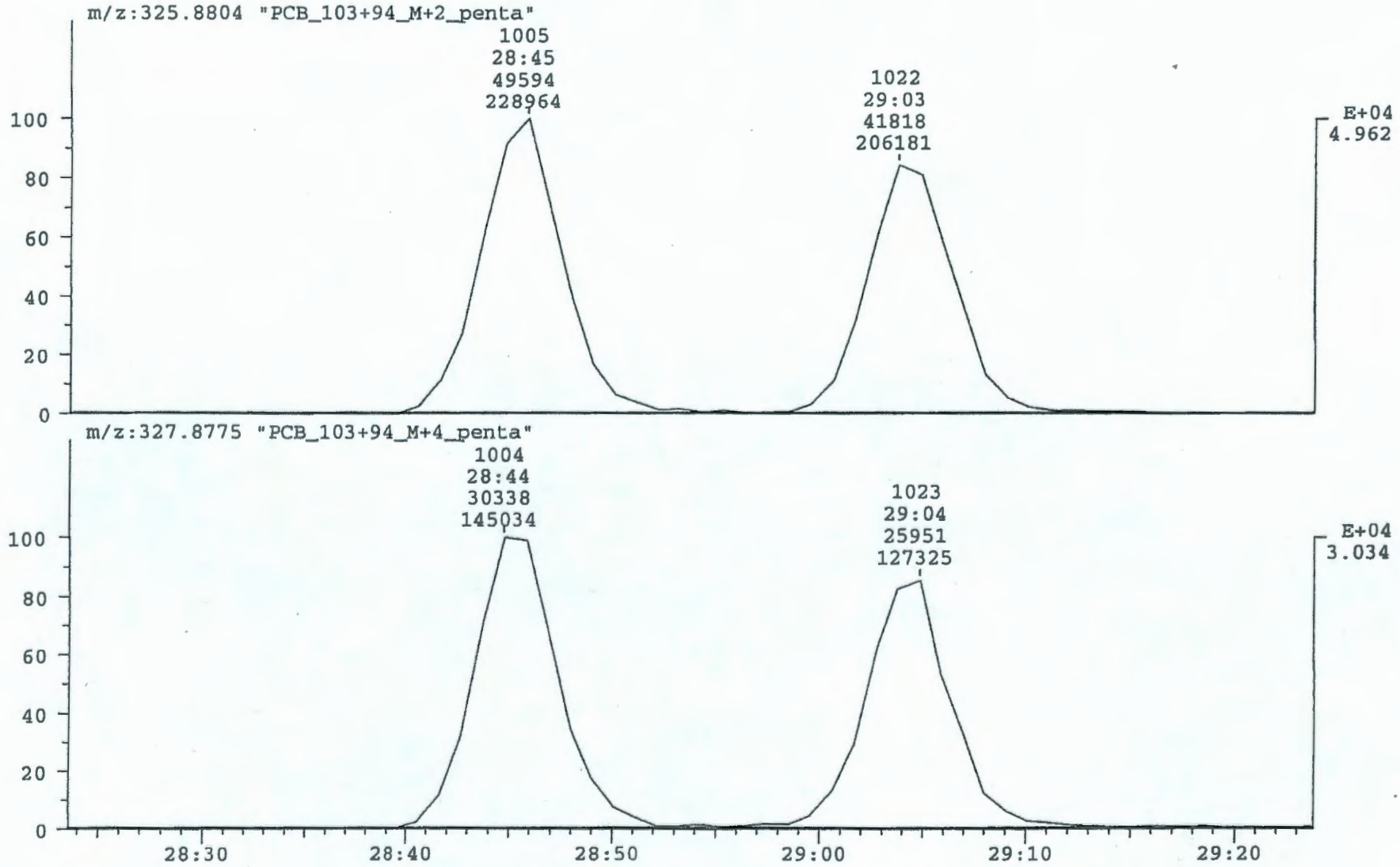
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  40:50      1687
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1607 > 1761          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



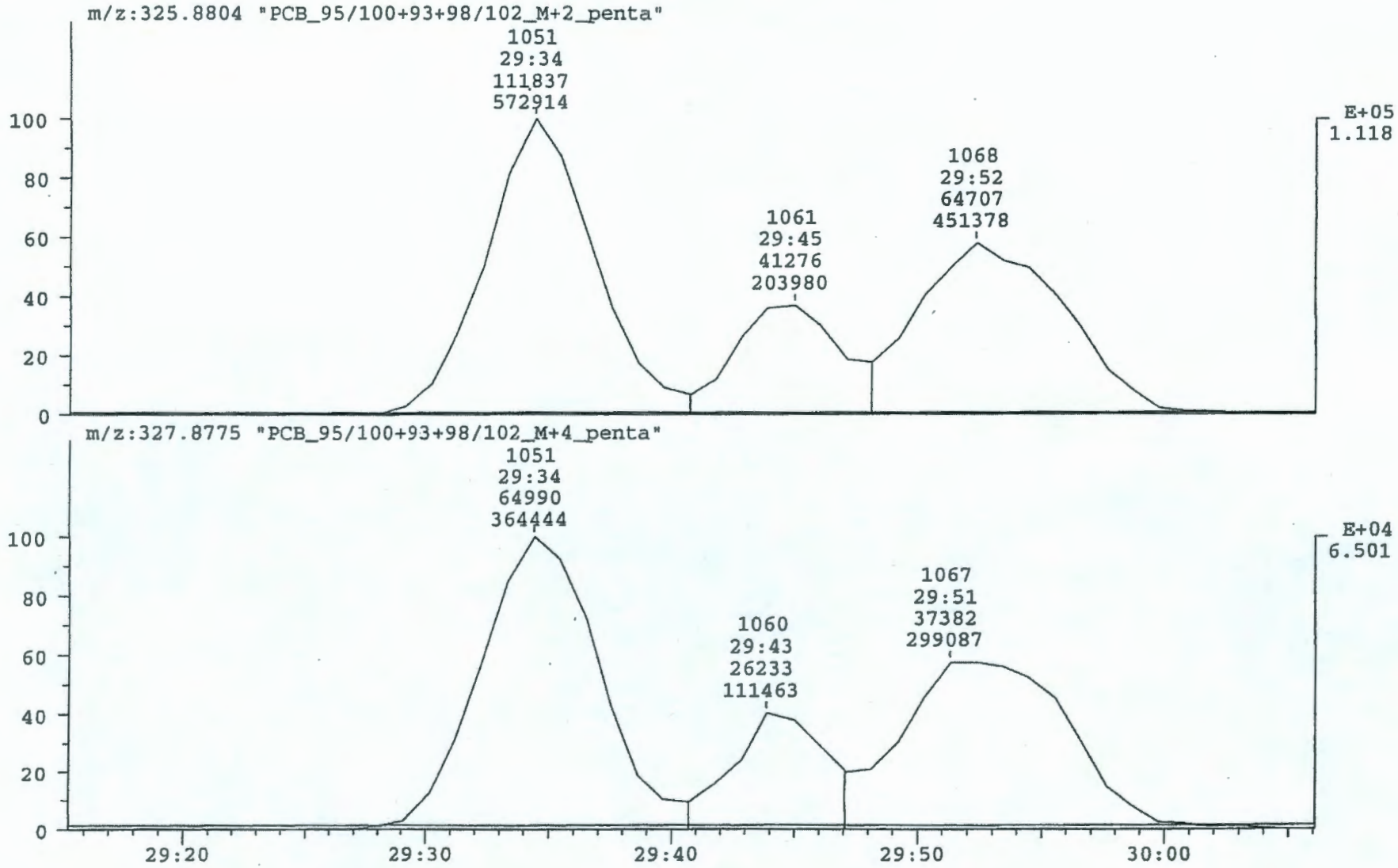
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  26:47.5      893
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07    2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   848 > 933            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



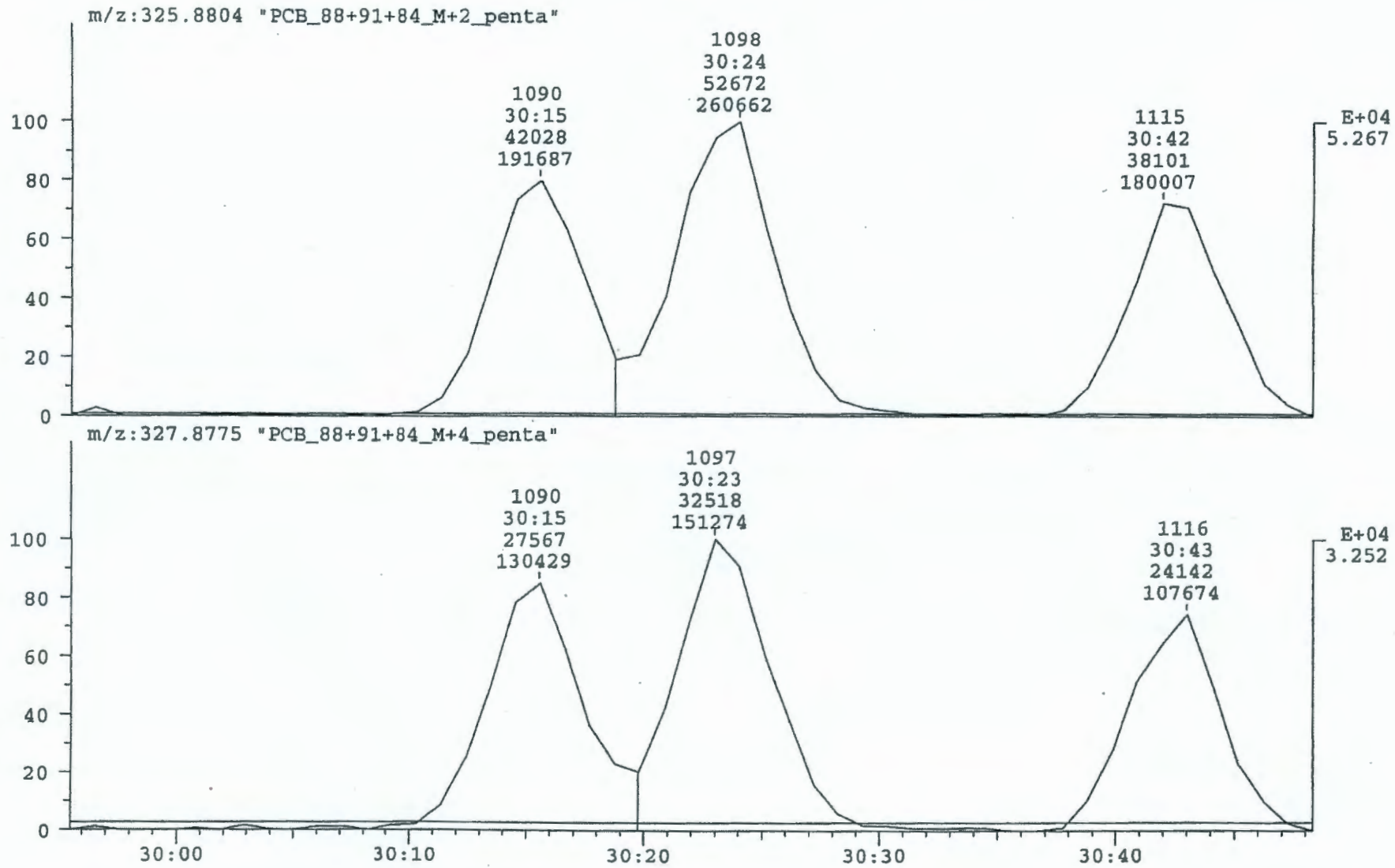
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  28:58      1017
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   984 > 1041          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



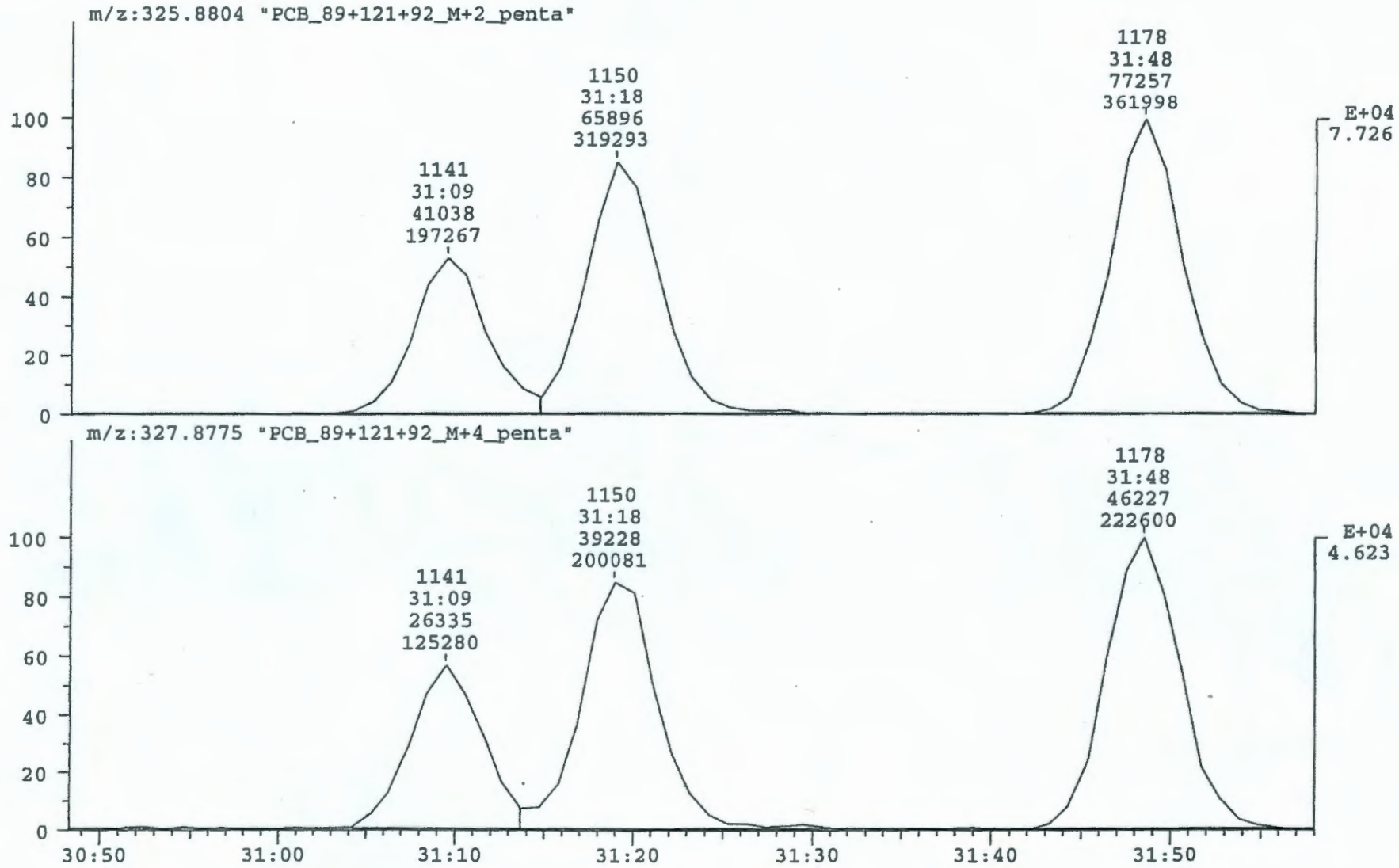
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  29:43      1060
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1033 > 1081         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4              Label :  -3, 3.0
Disp:  Height  Area
```



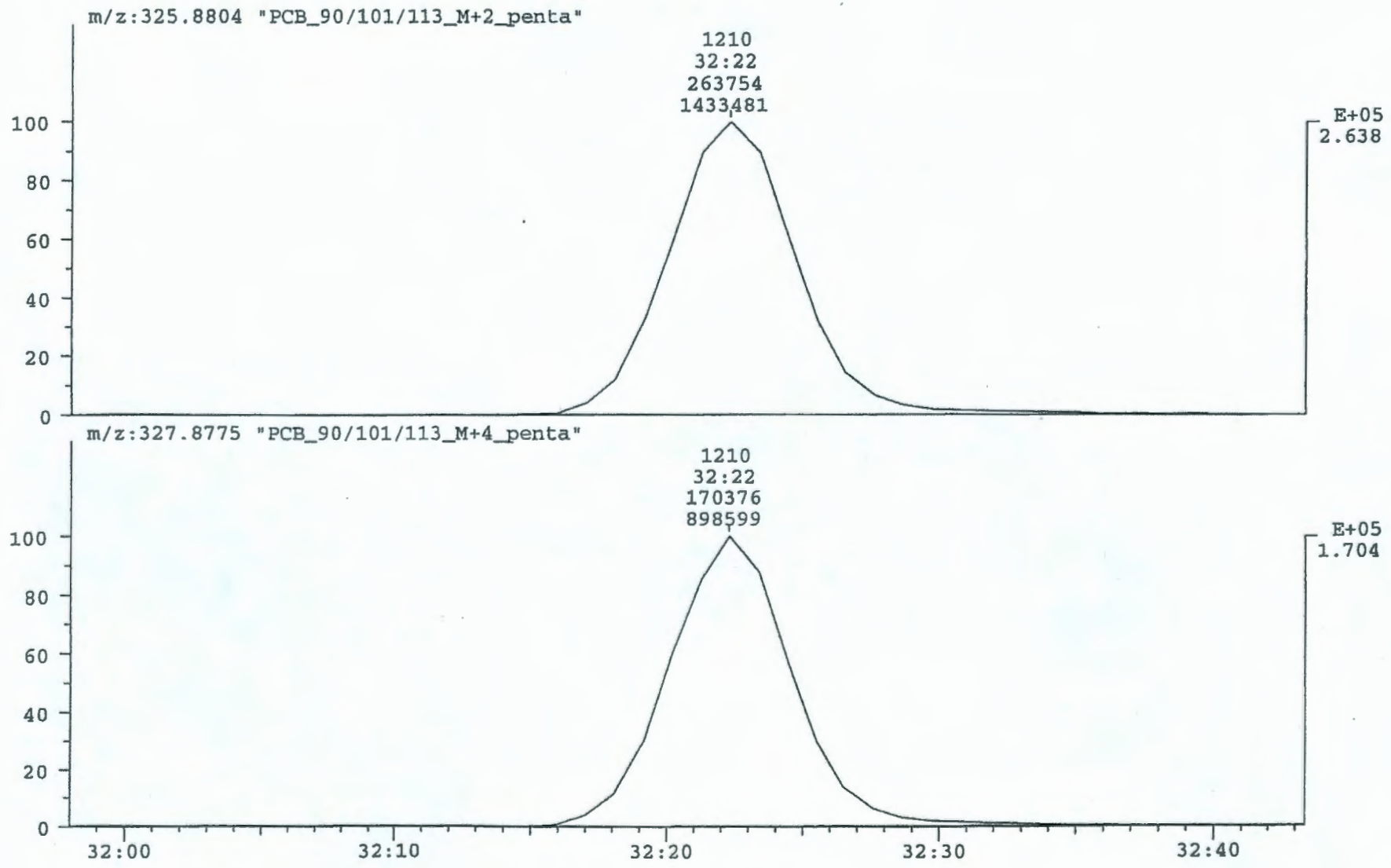
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  30:30      1104
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1071 > 1121         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```



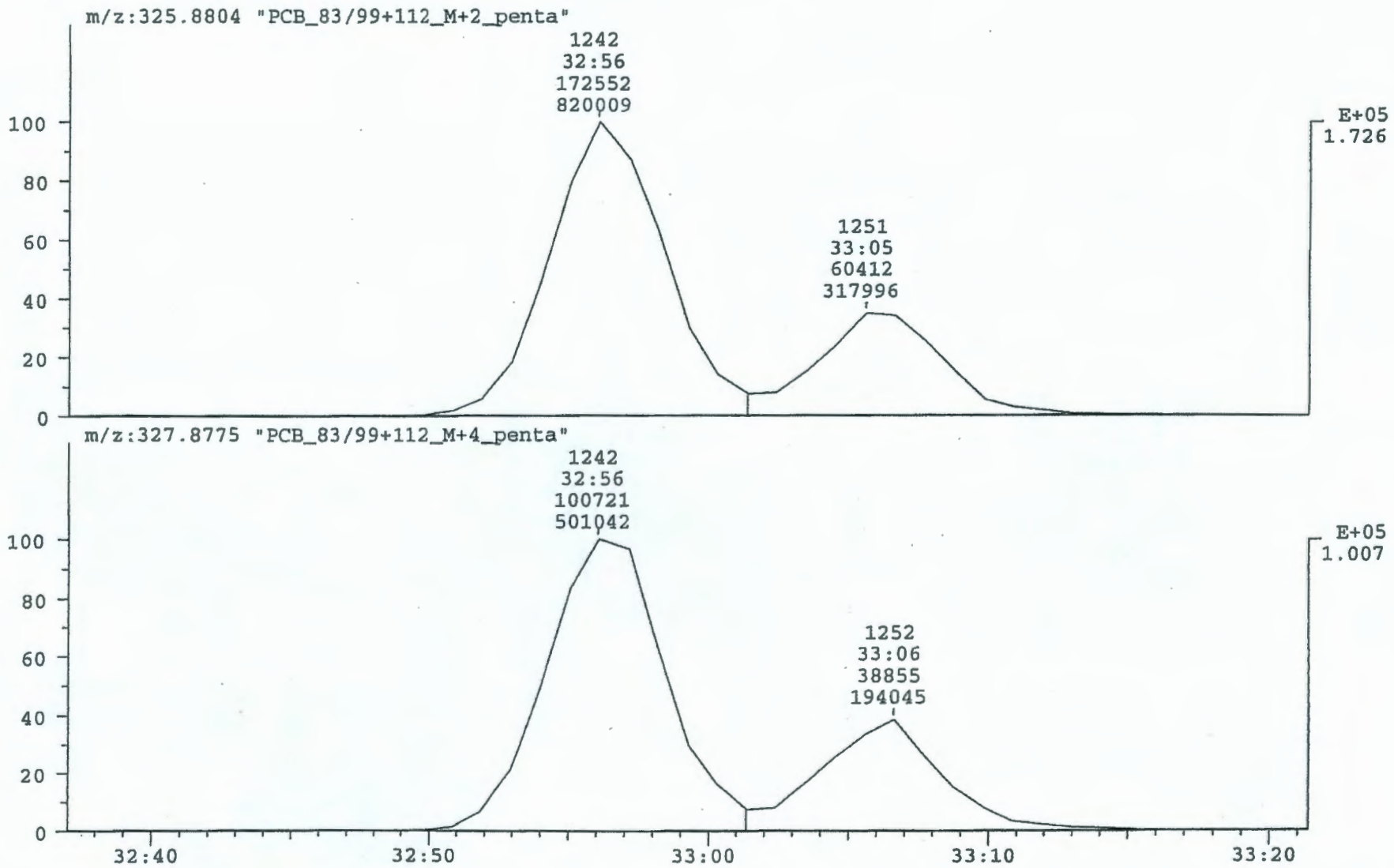
CHRO: apj64jxs 28-Sep-07 Elapse: 31:30 1161
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1121 > 1187 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



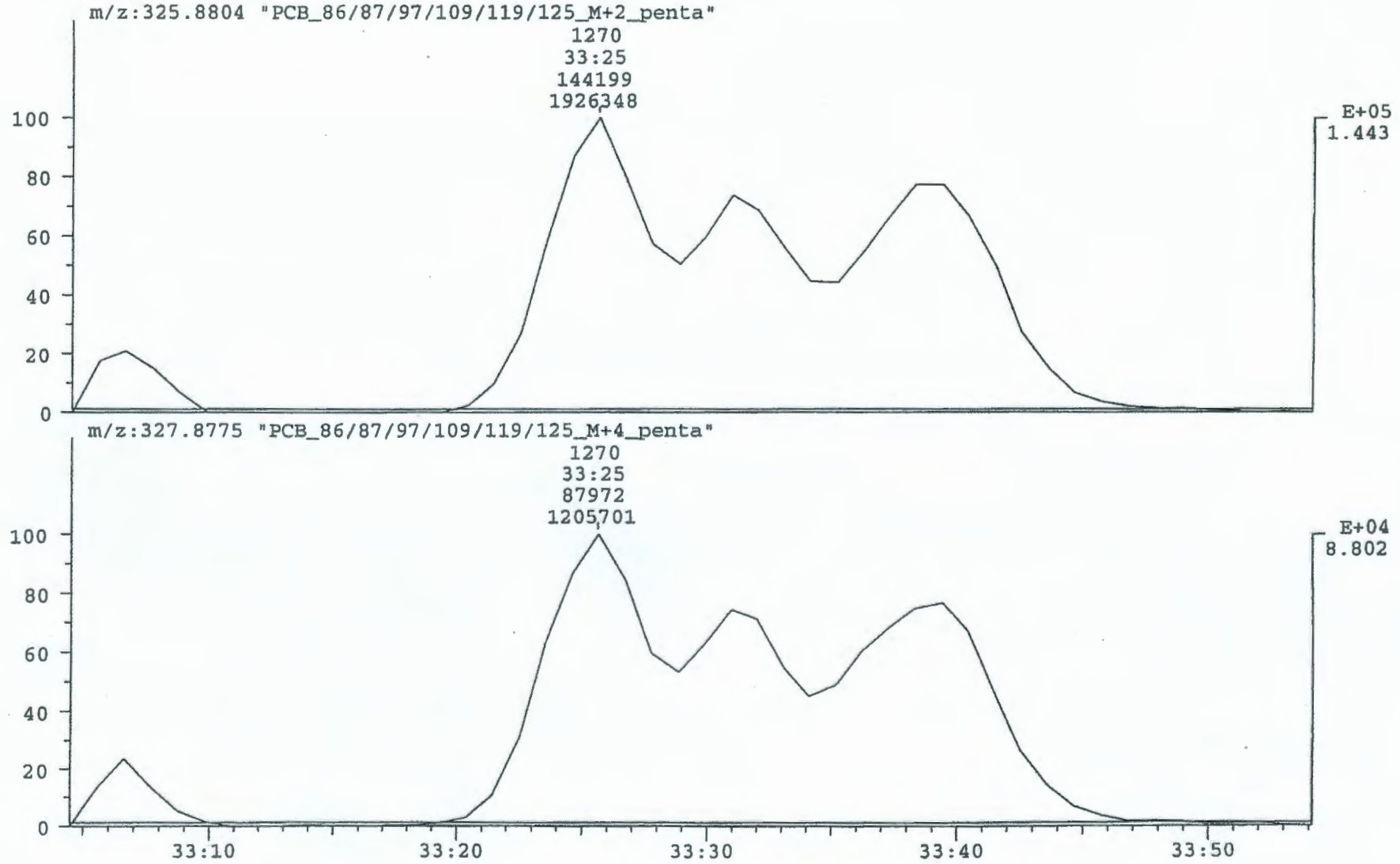
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  32:22      1210
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1187 > 1230          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



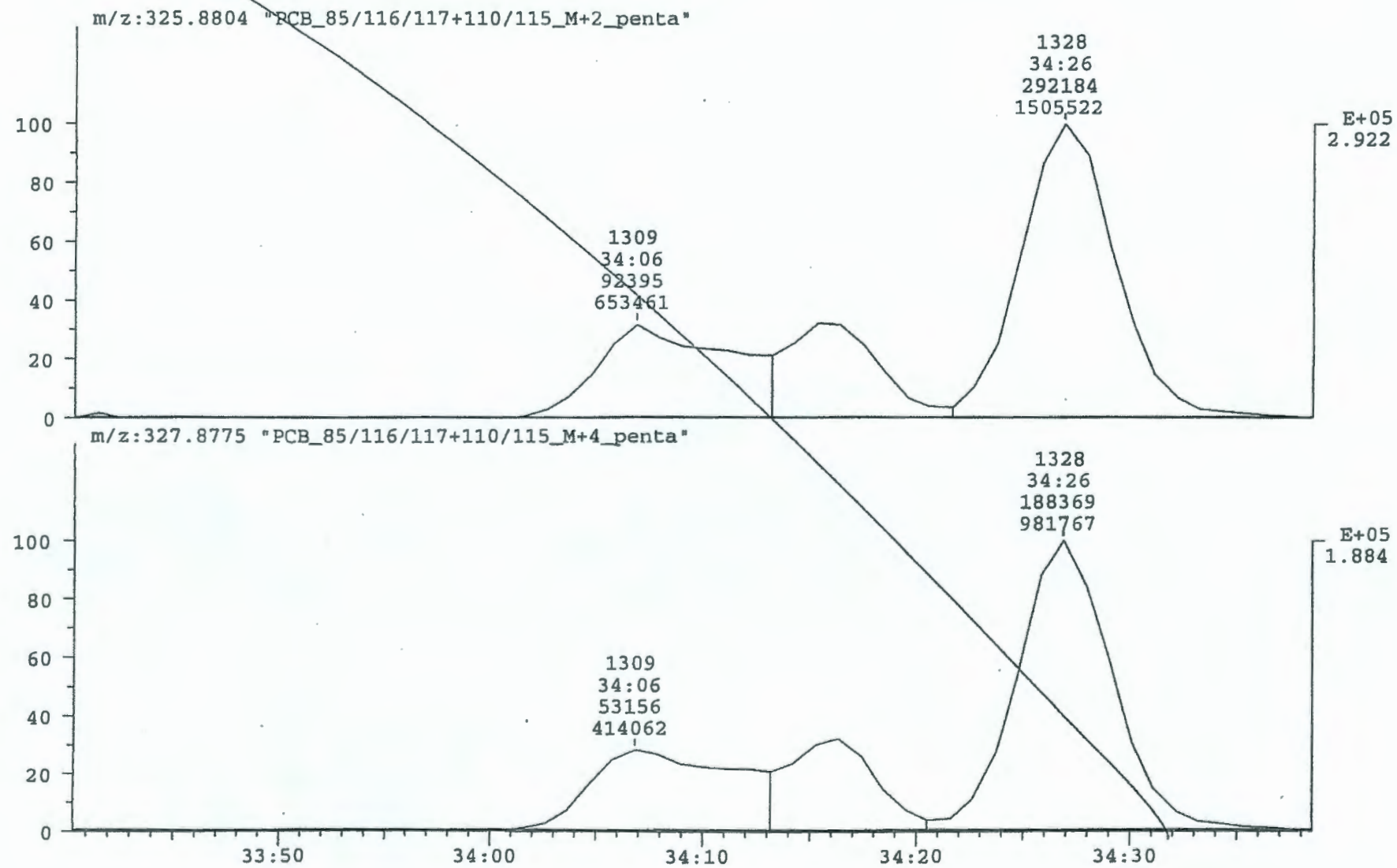
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  33:03      1249
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1224 > 1266          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



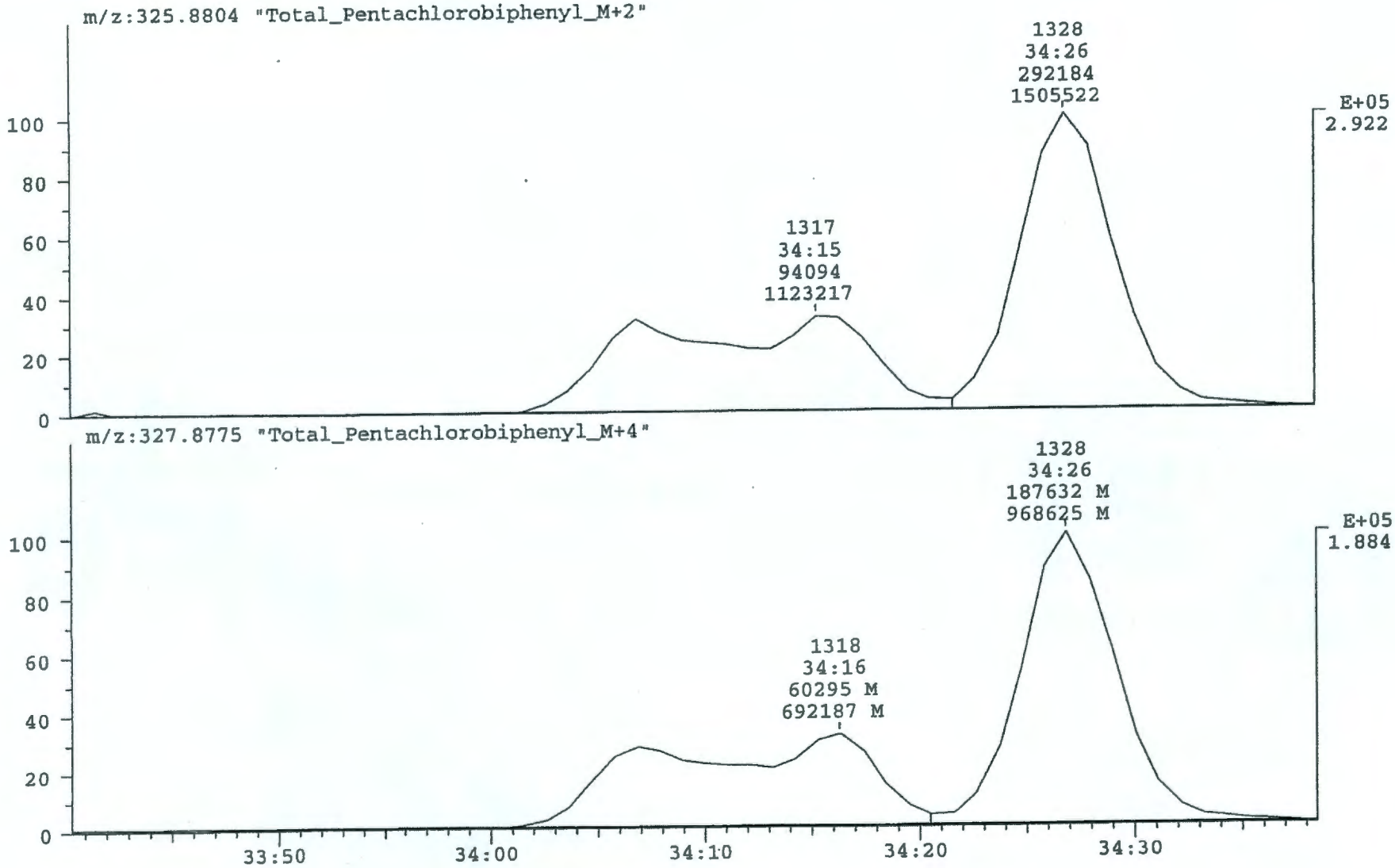
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  33:36      1280
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm     Label wndw:   1250 > 1297           Masses:  181 > 510
Area:  5, 0.50, 0      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



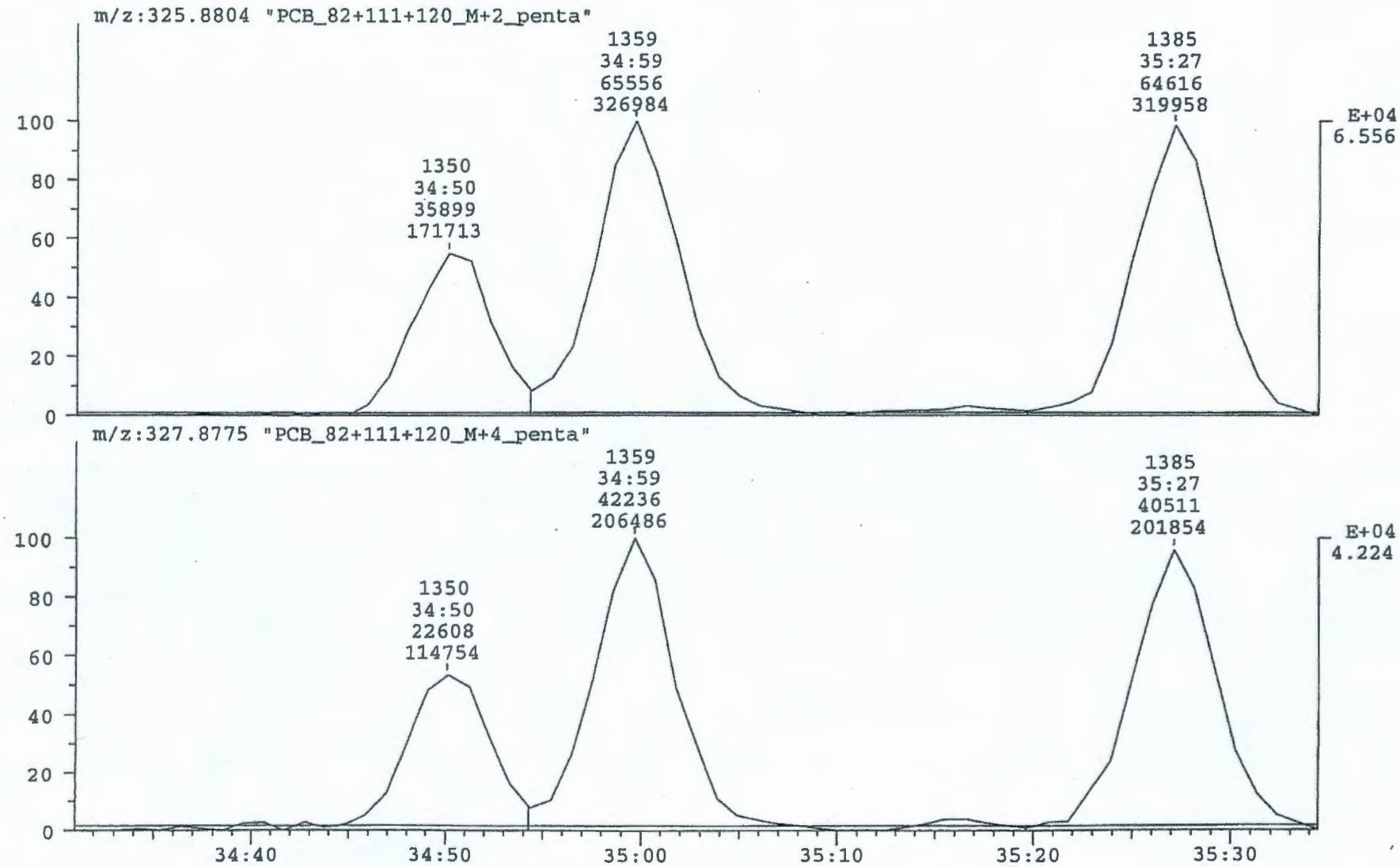
CHRO: apj64jxs 28-Sep-07 Elapse: 34:22 1324
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1284 > 1339 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 6 Label : -3, 3.0
Disp: Height Area



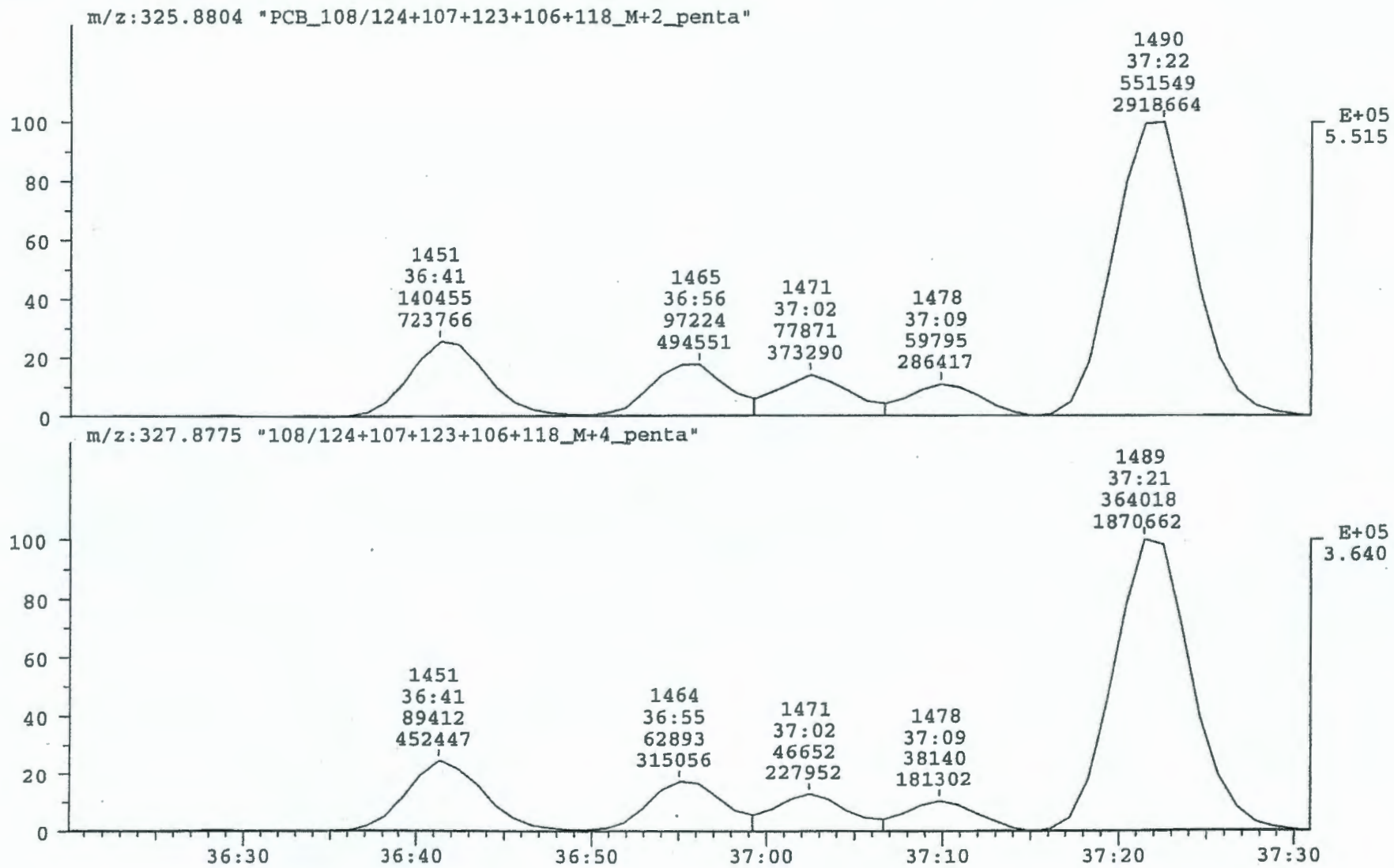
CHRO: apj64jxs 28-Sep-07 Elapse: 56:11 2555
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1284 > 1339 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 8 Label : -3, 3.0
Disp: Height Area



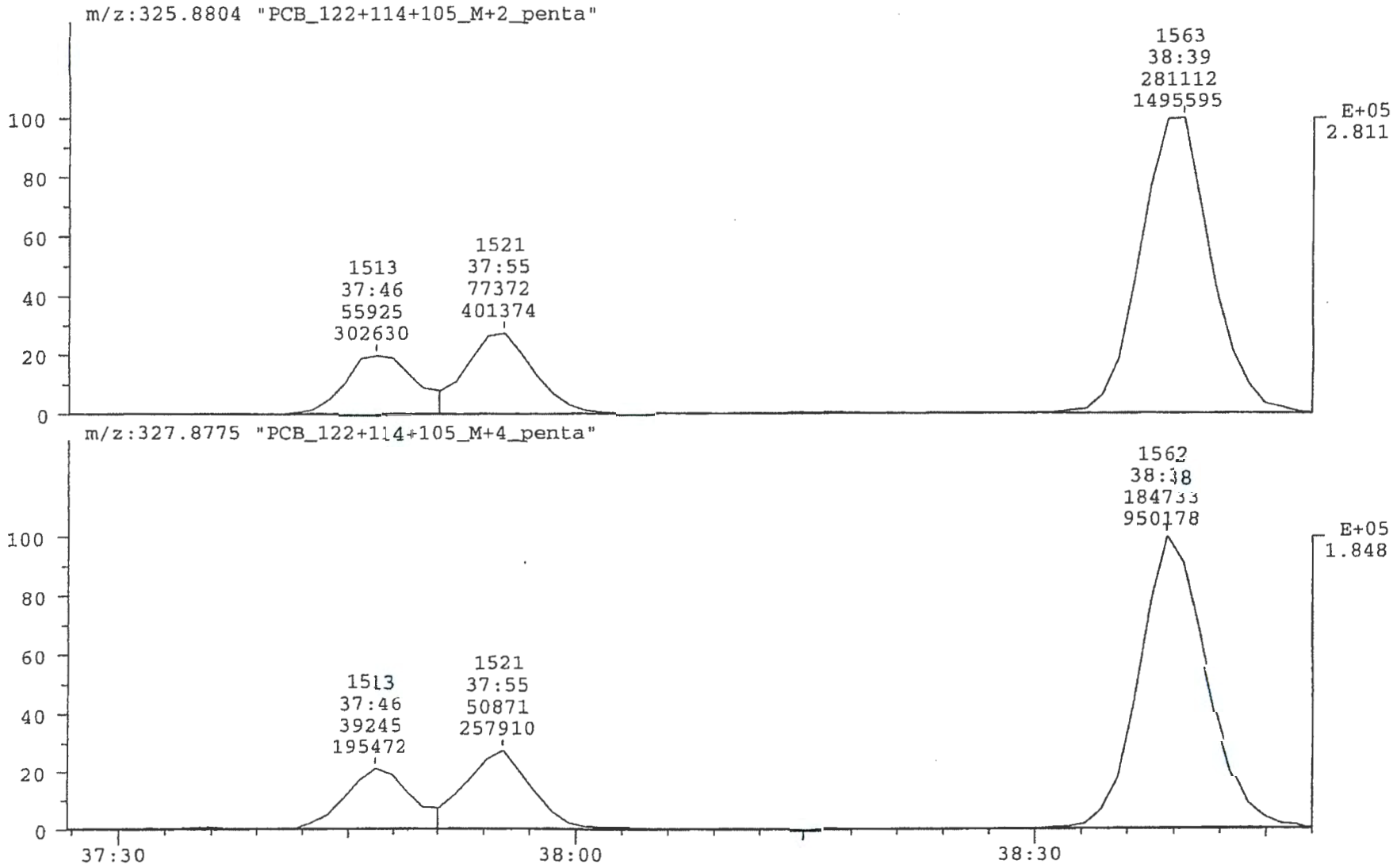
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  34:52      1352
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1332 > 1392         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```



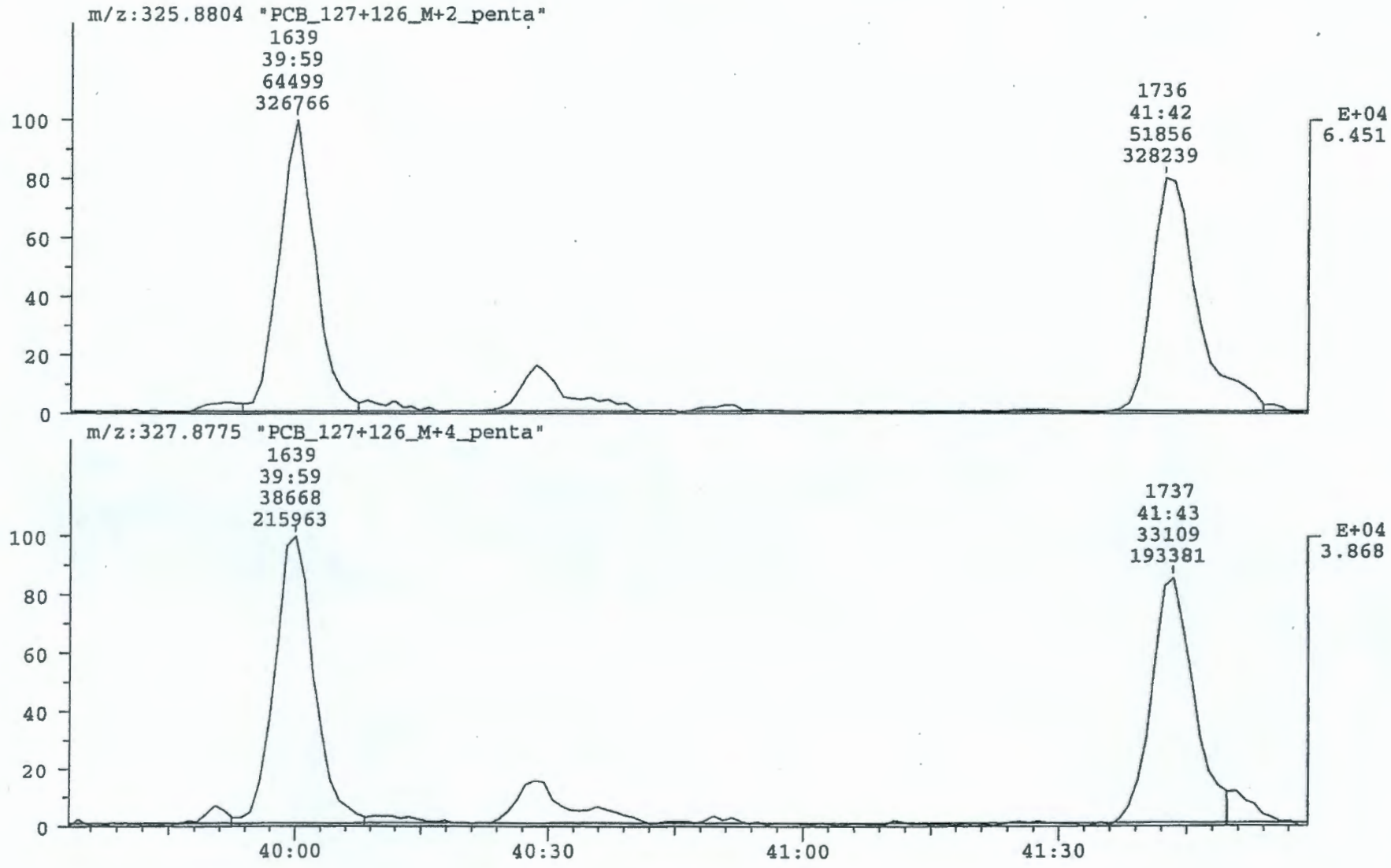
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  37:07      1476
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1431 > 1498         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



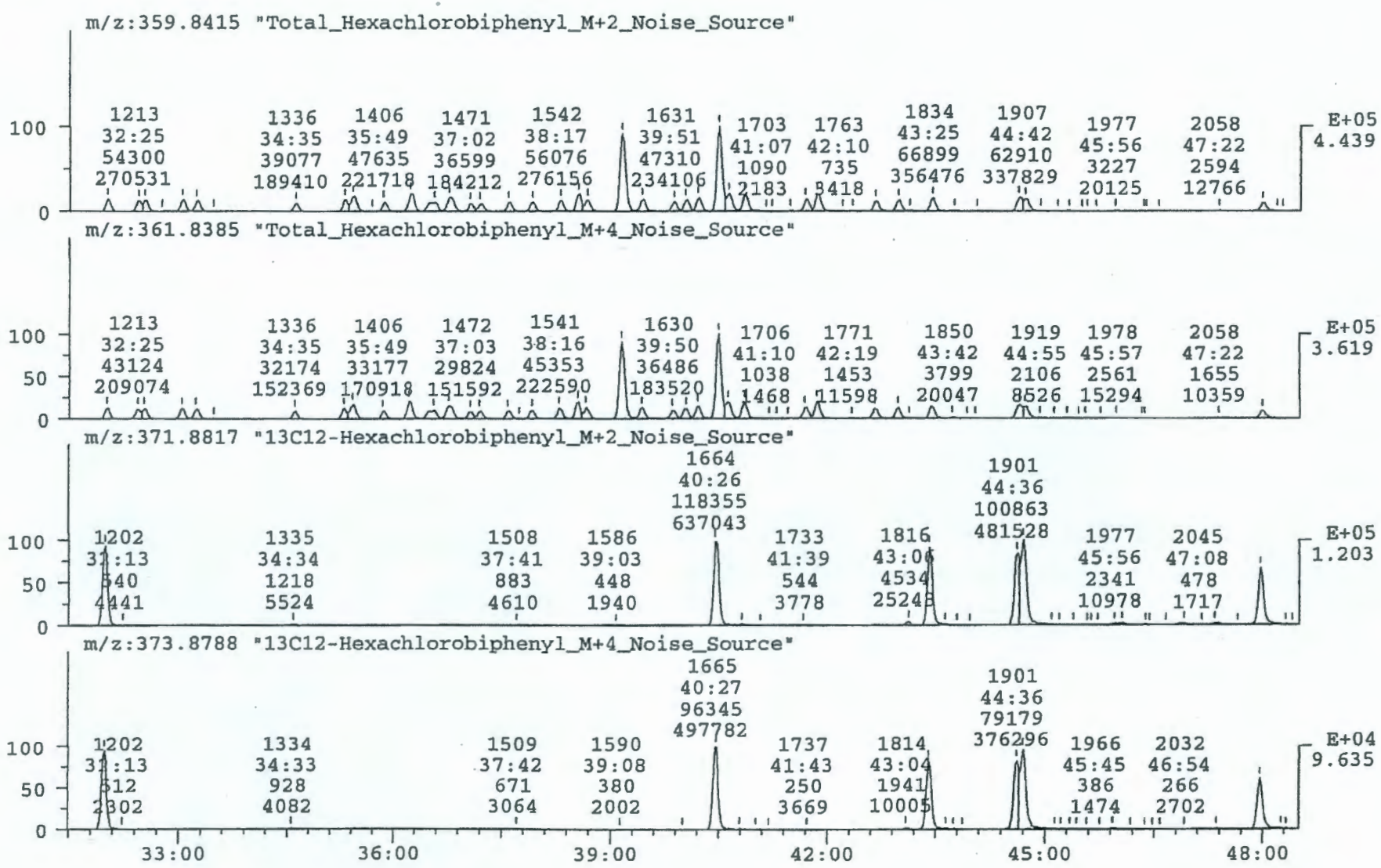
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  38:14      1539
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1494 > 1571         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



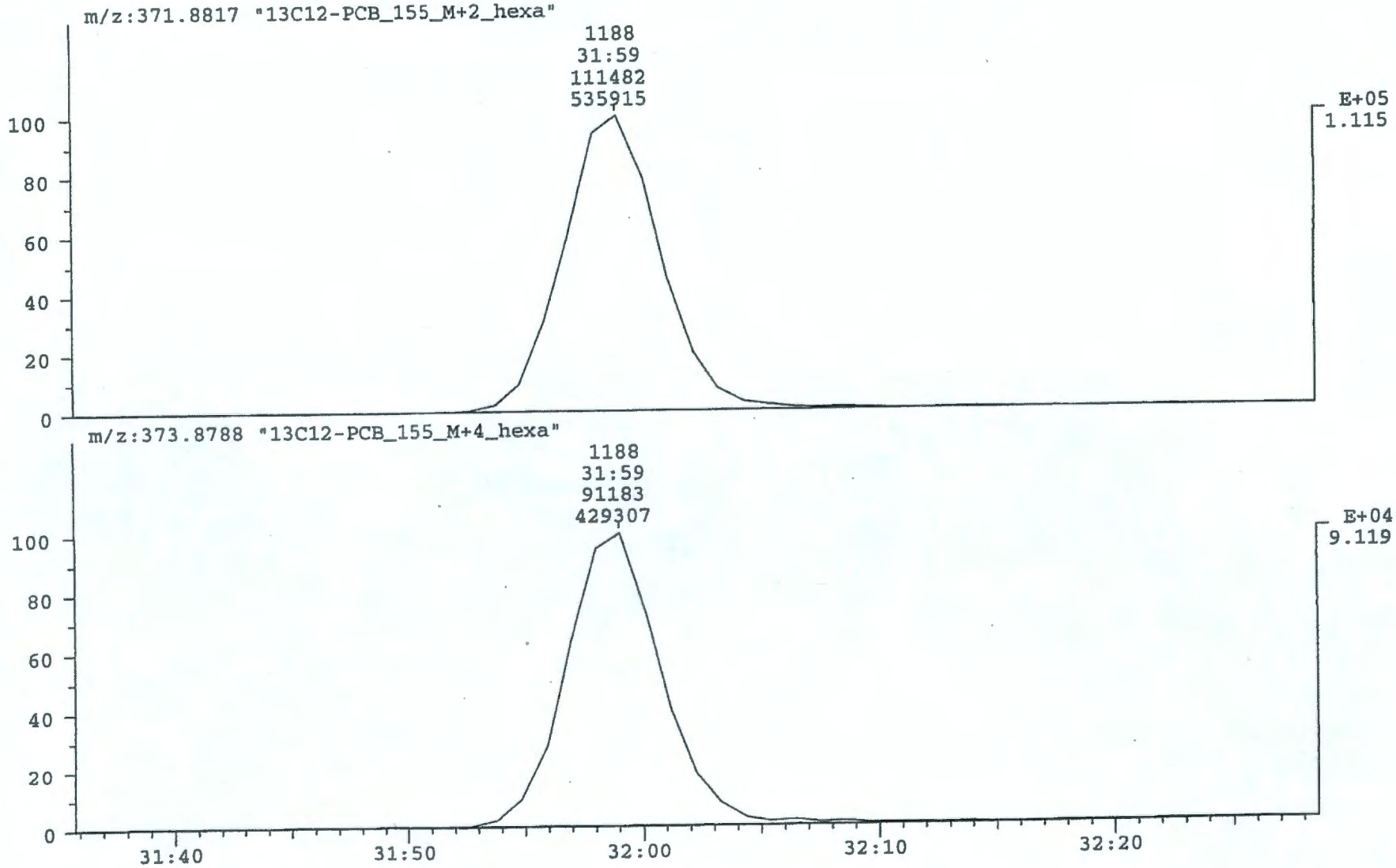
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  40:52      1689
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial 36
Peak:  100.00  ppm    Label wndw:   1614 > 1752            Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 1                 Label :  -3, 3.0
Disp:  Height  Area
```



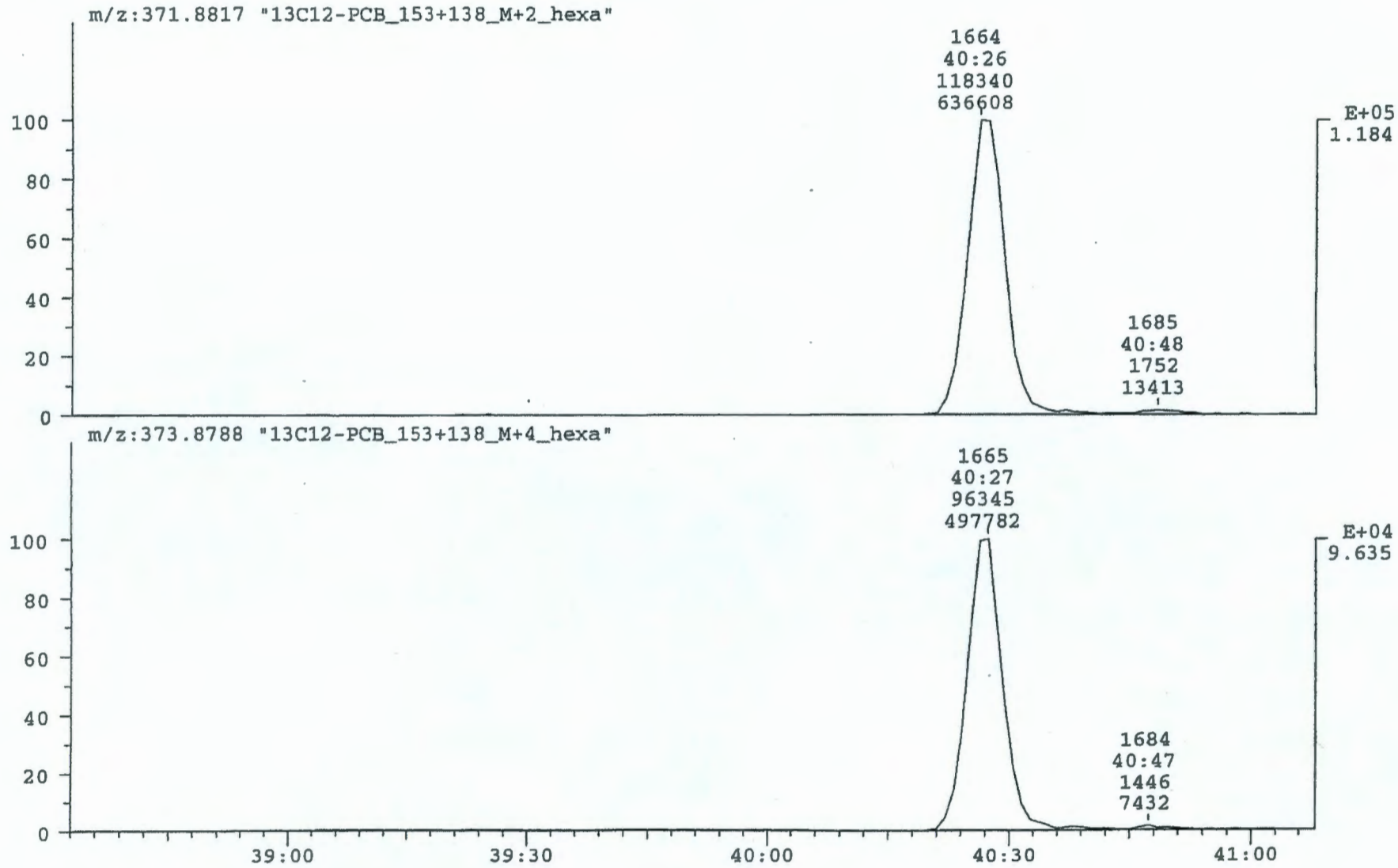
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  39:58      1638
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1160 > 2122         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



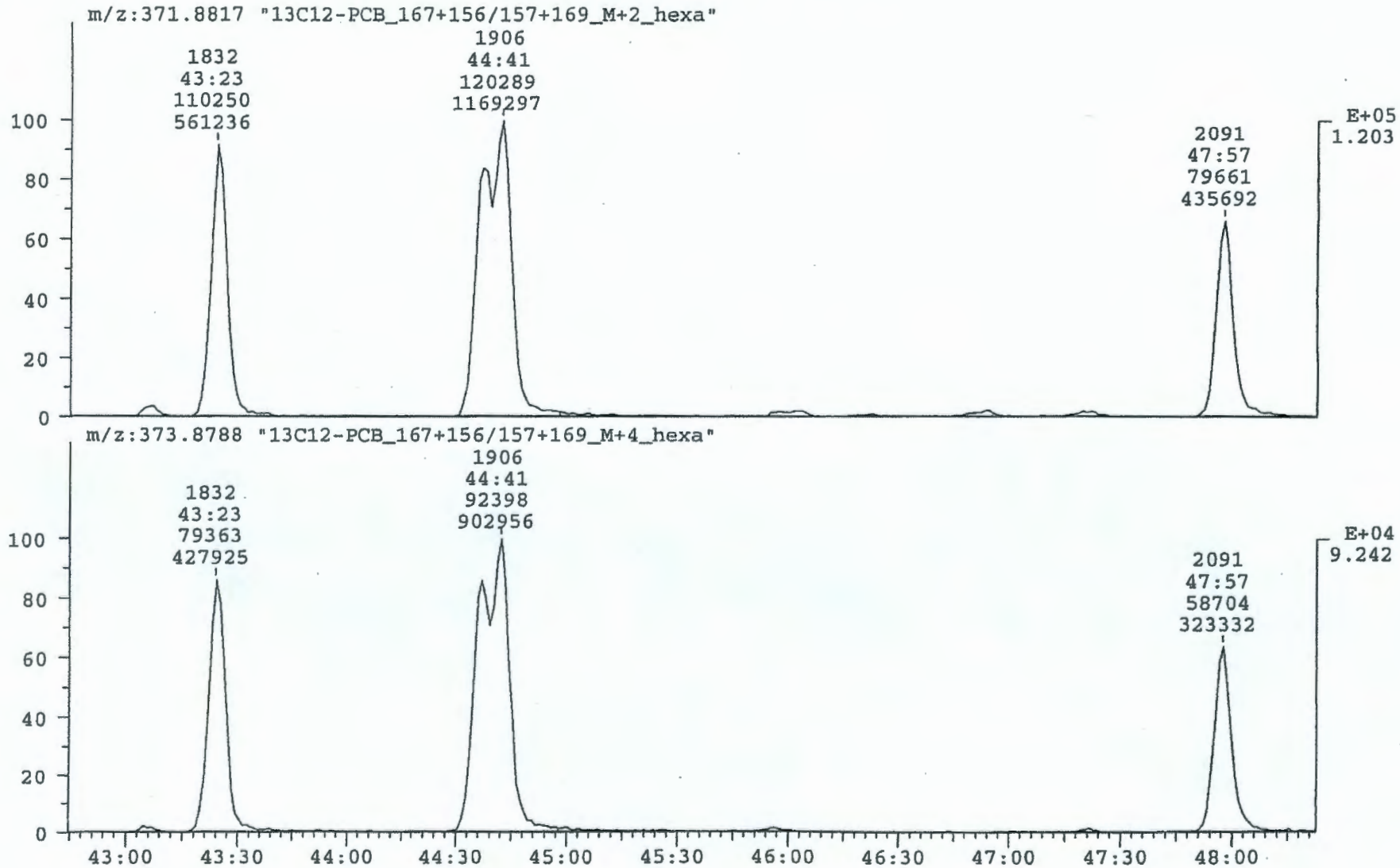
CHRO: apj64jxs 28-Sep-07 Elapse: 32:02 1191
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1166 > 1216 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



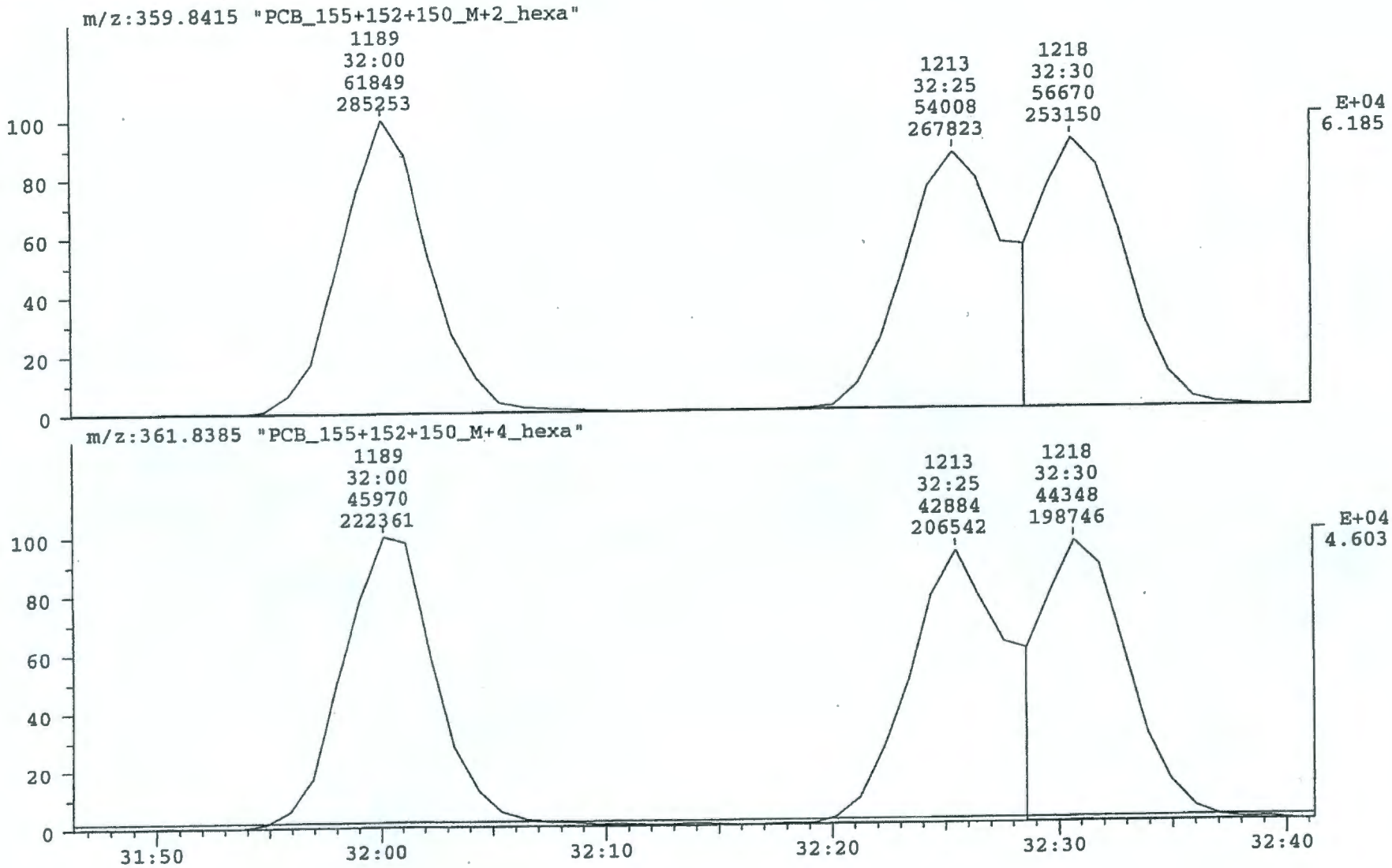
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  39:50      1630
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1557 > 1704         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



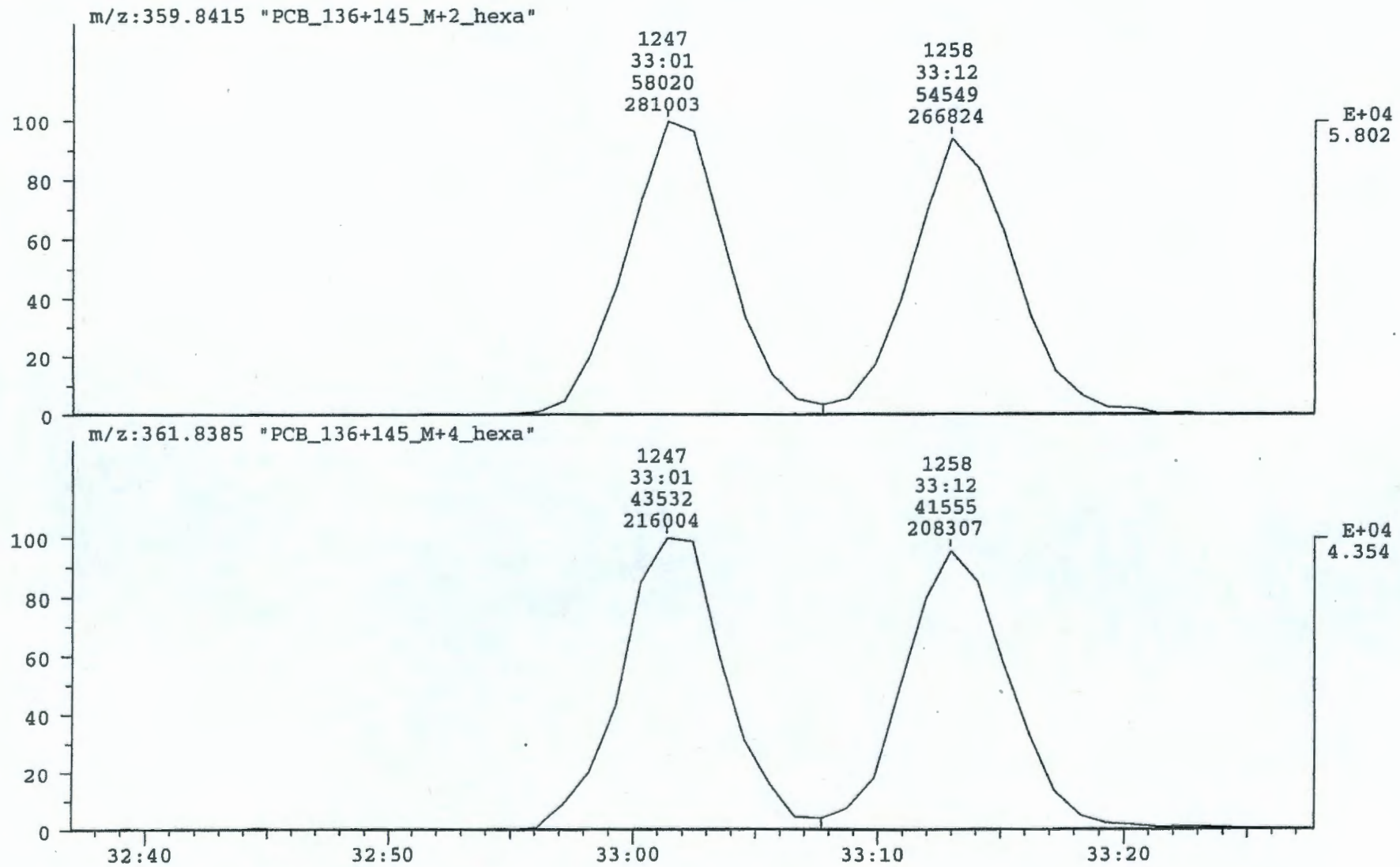
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  45:38      1960
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1795 > 2115         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9              Label :  -3, 3.0
Disp:  Height  Area
```



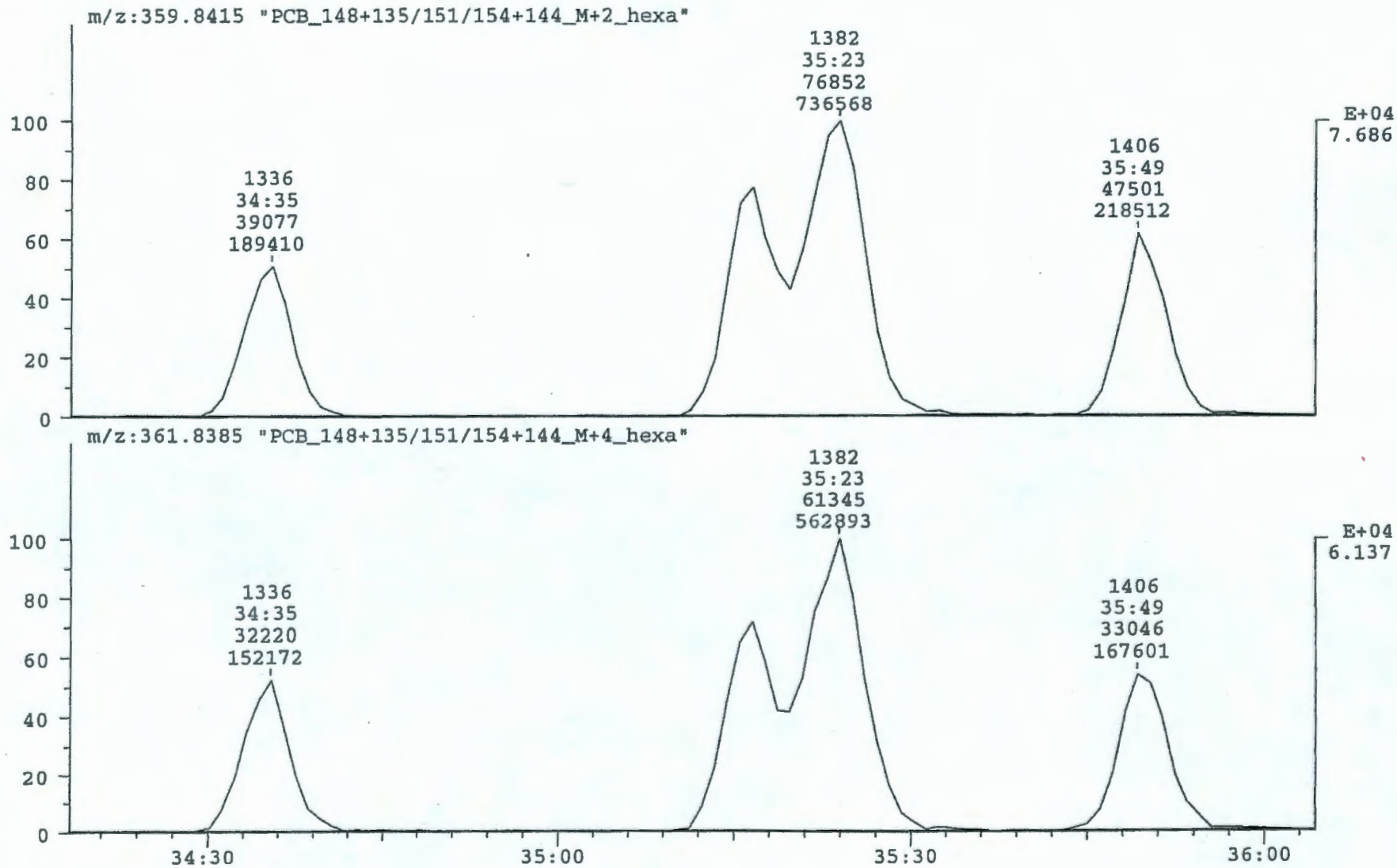
CHRO: apj64jxs 28-Sep-07 Elapse: 32:20 1208
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1176 > 1228 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



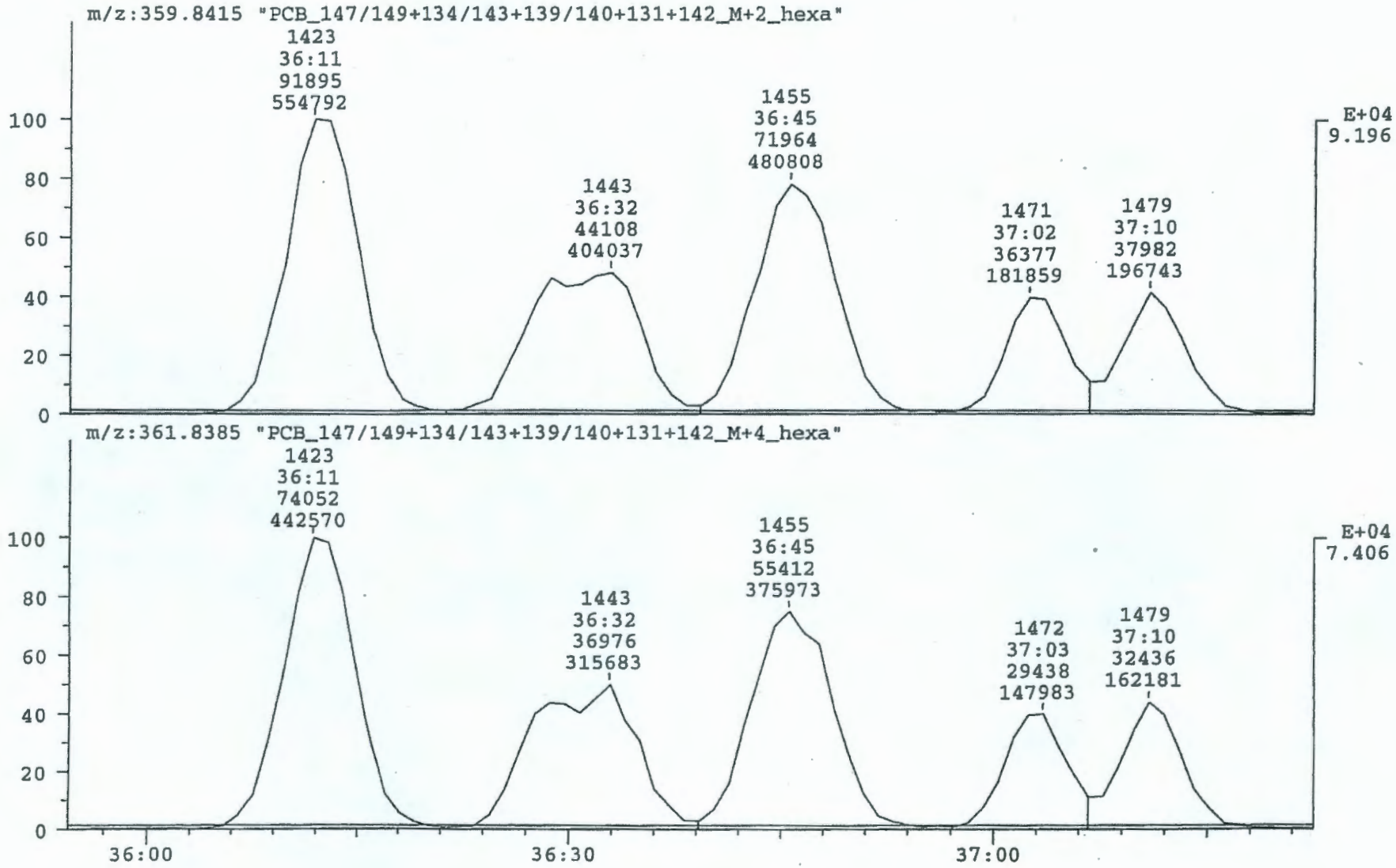
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  33:08      1254
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1224 > 1272         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



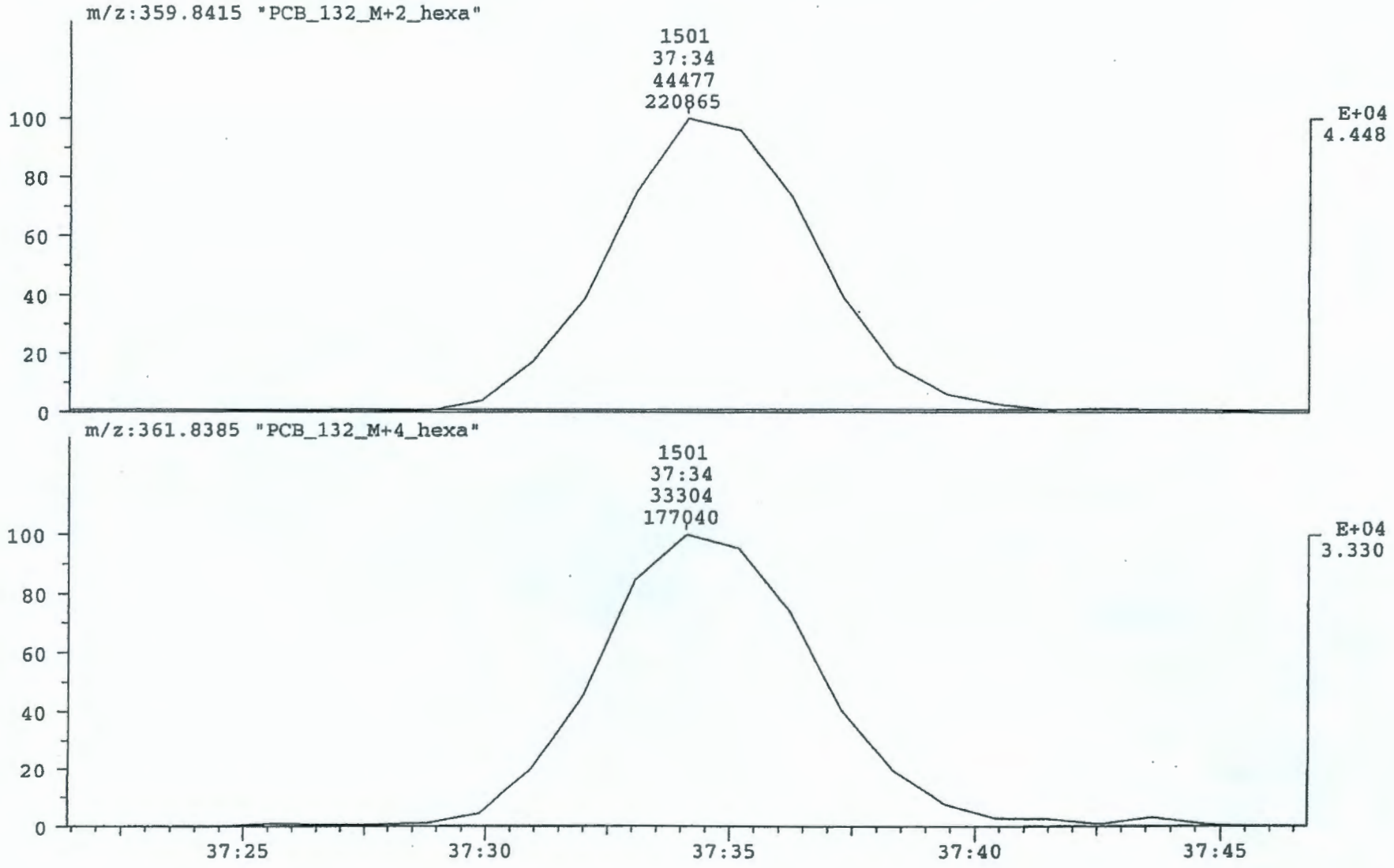
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  35:21      1380
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1320 > 1416         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12             Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  36:45      1455
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1411 > 1490         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5              Label :  -3, 3.0
Disp:  Height  Area
```

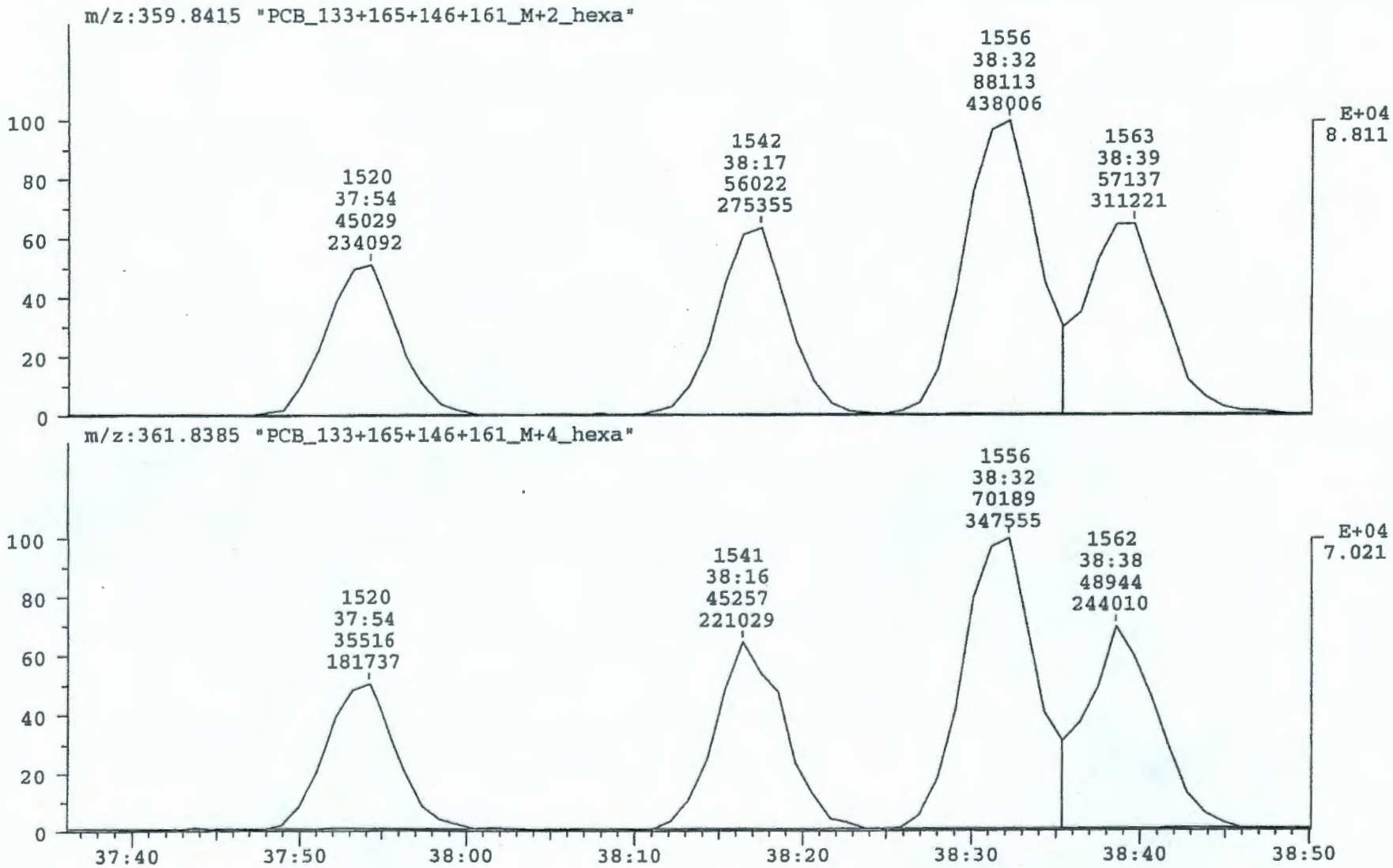


```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  37:34      1501
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1489 > 1513          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```

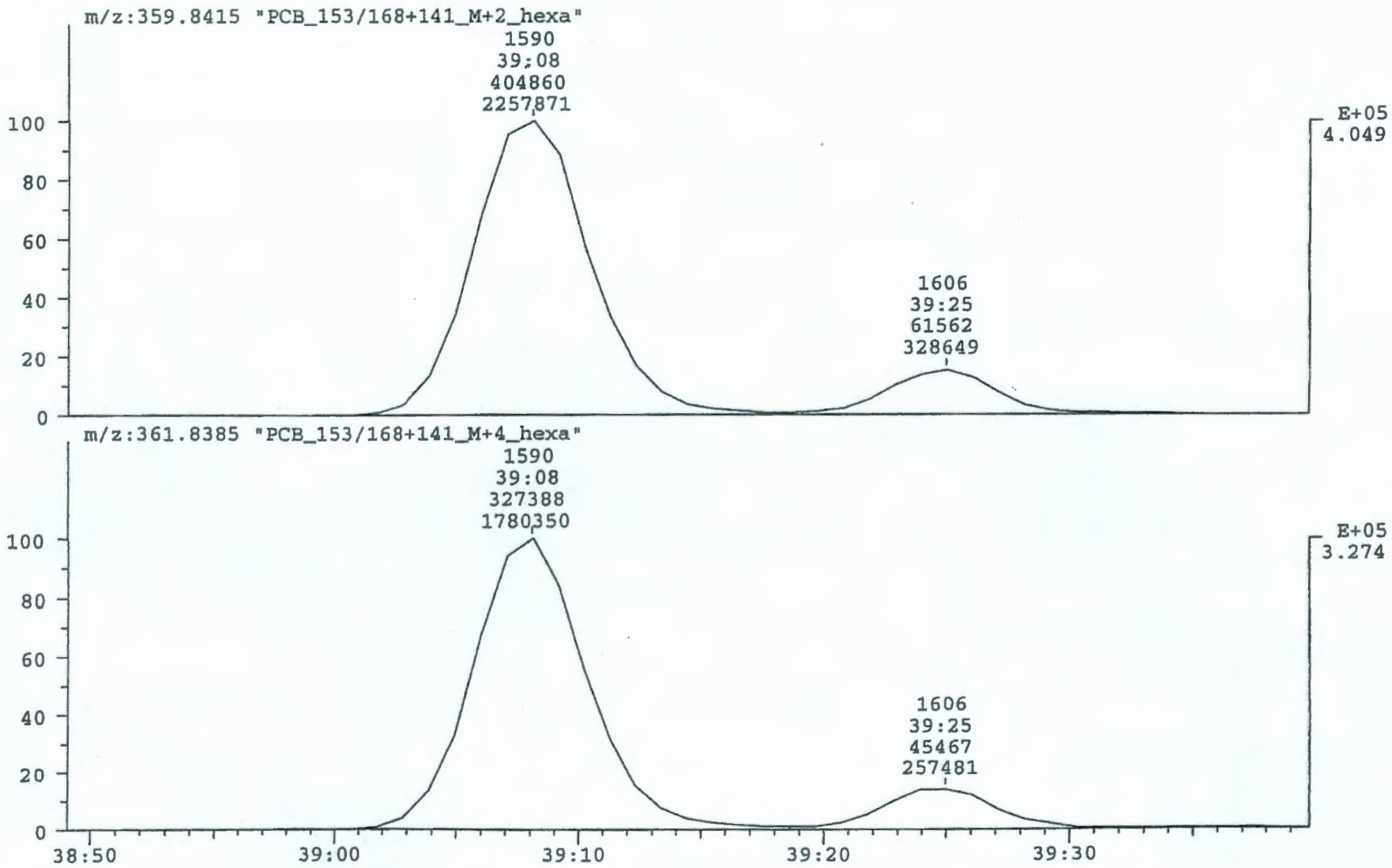


2747

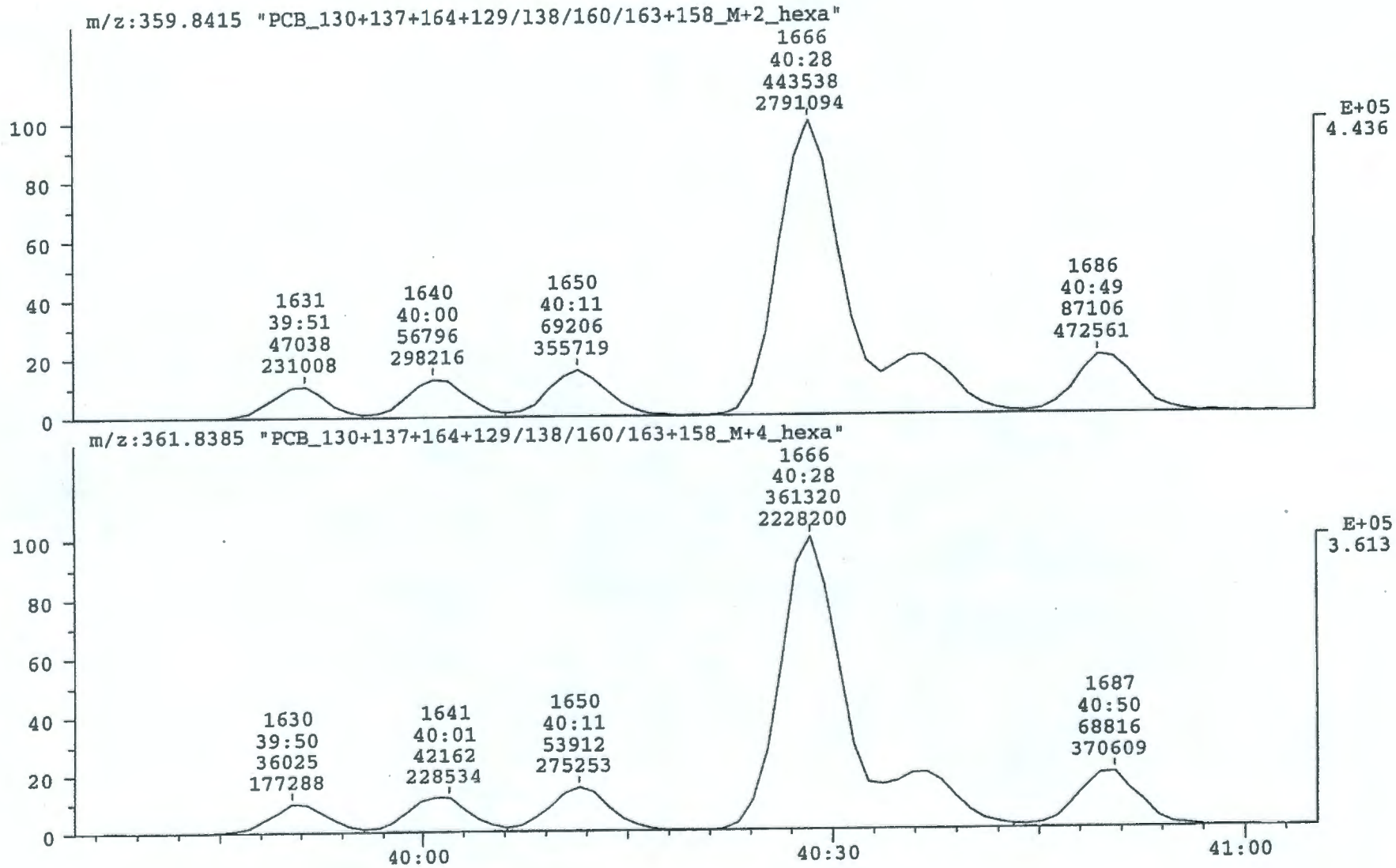
CHRO: apj64jxs 28-Sep-07 Elapse: 38:21 1546
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1503 > 1573 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  39:20      1602
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1572 > 1620         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

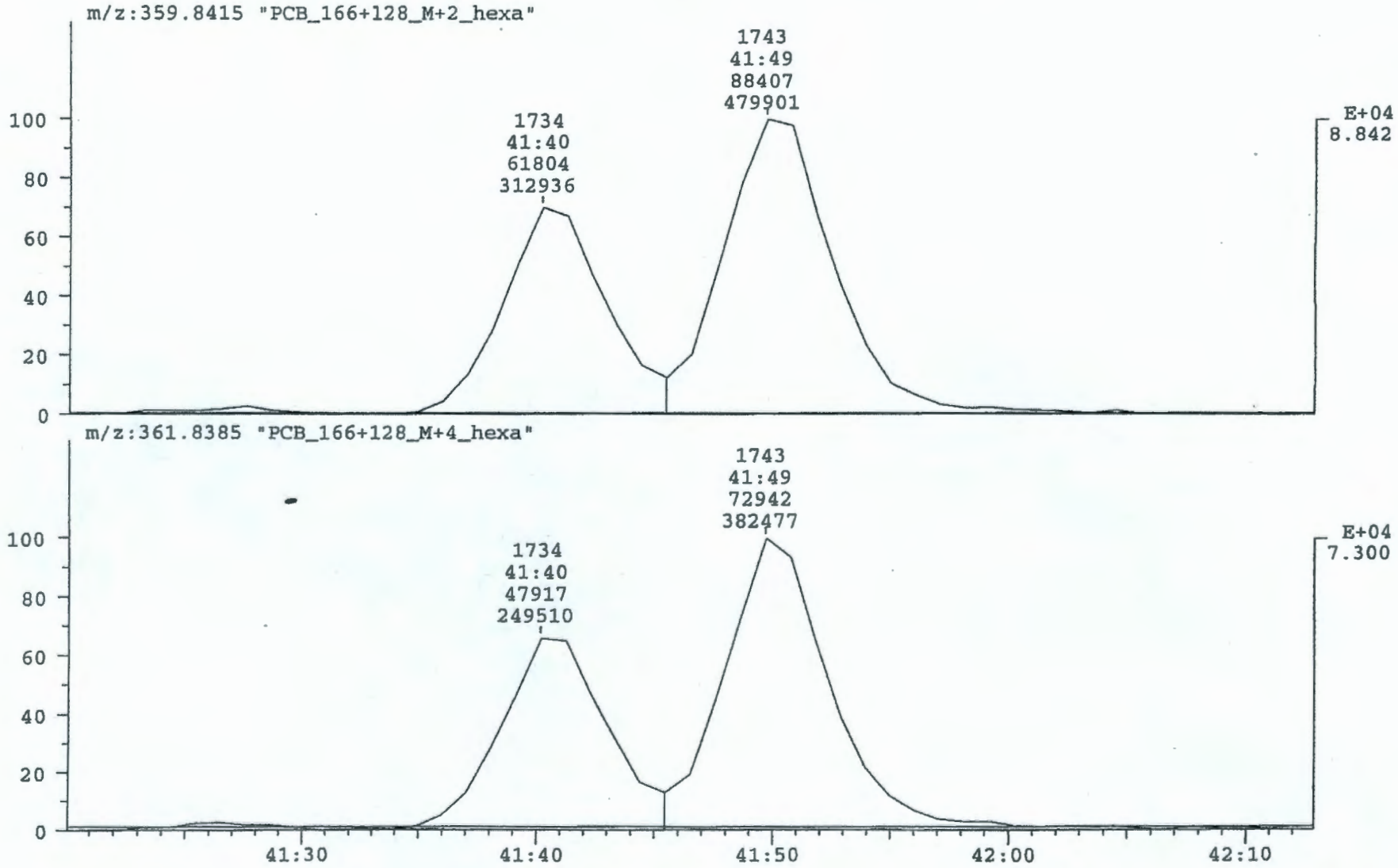


```
CHRO:  apj64jxs                                  28-Sep-07   Elapse:  40:23      1661
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                    Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                             Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1615 > 1701            Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 7                 Label :  -3, 3.0
Disp:  Height  Area
```

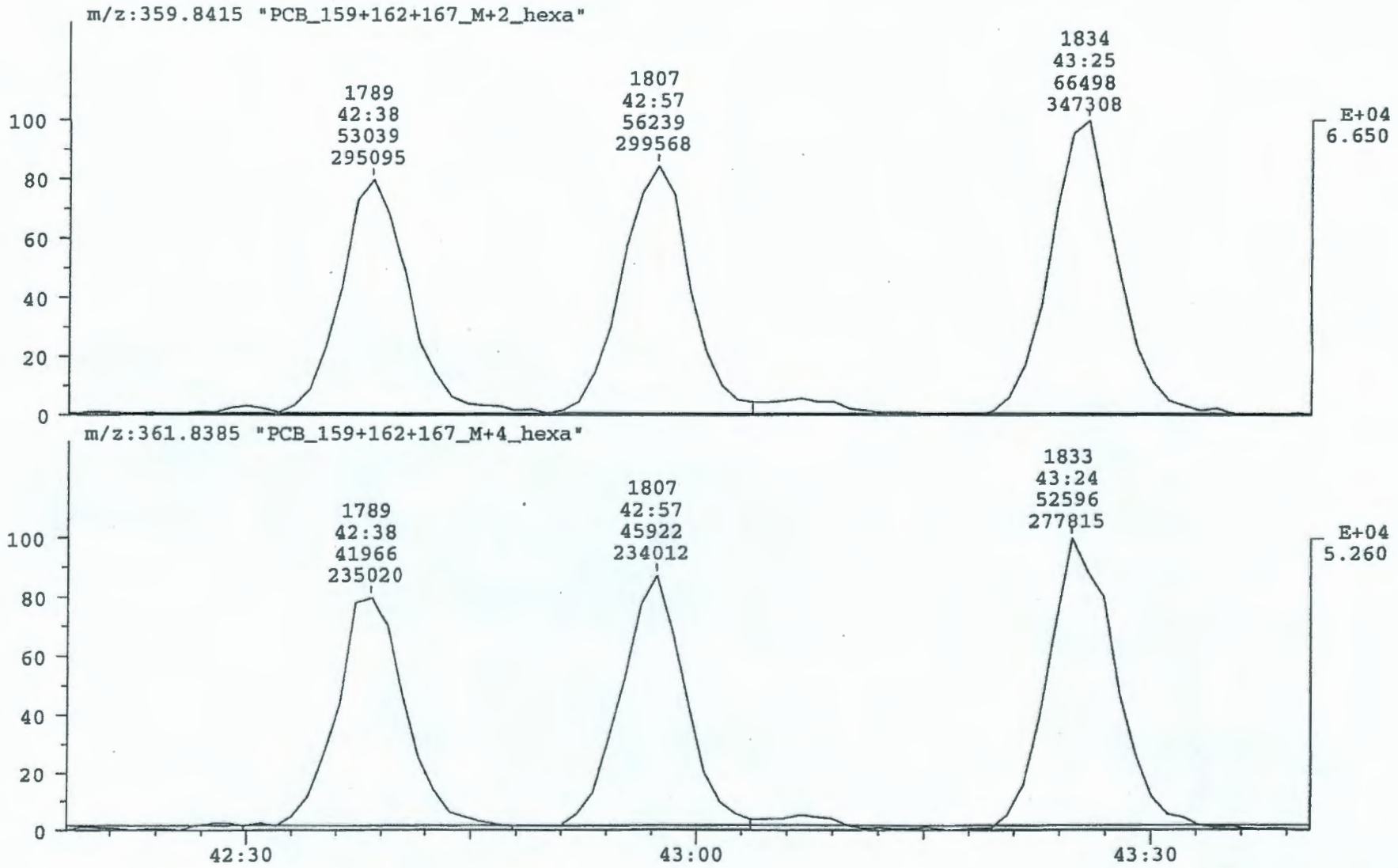


2750

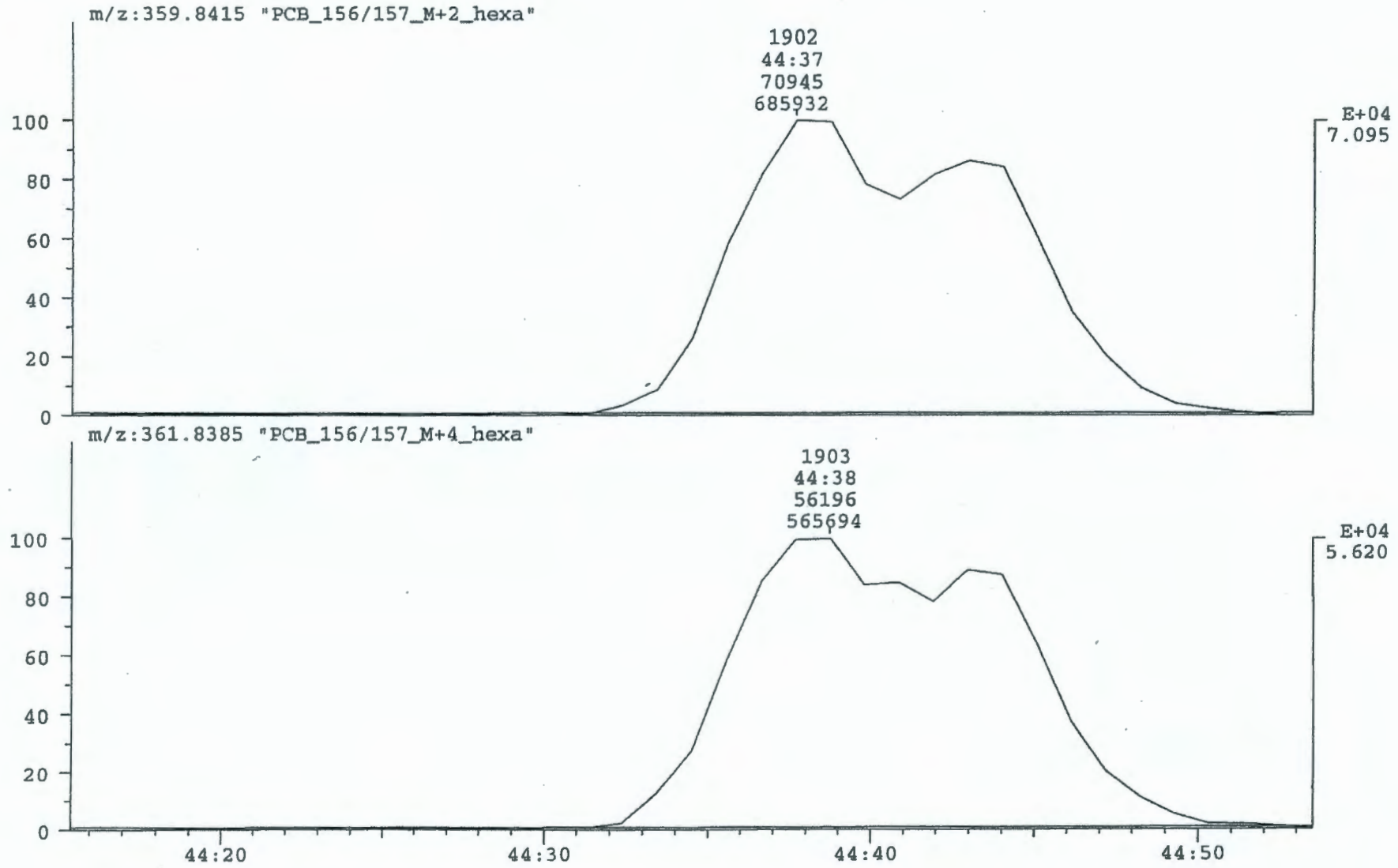
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  41:46      1740
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1715 > 1765         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```



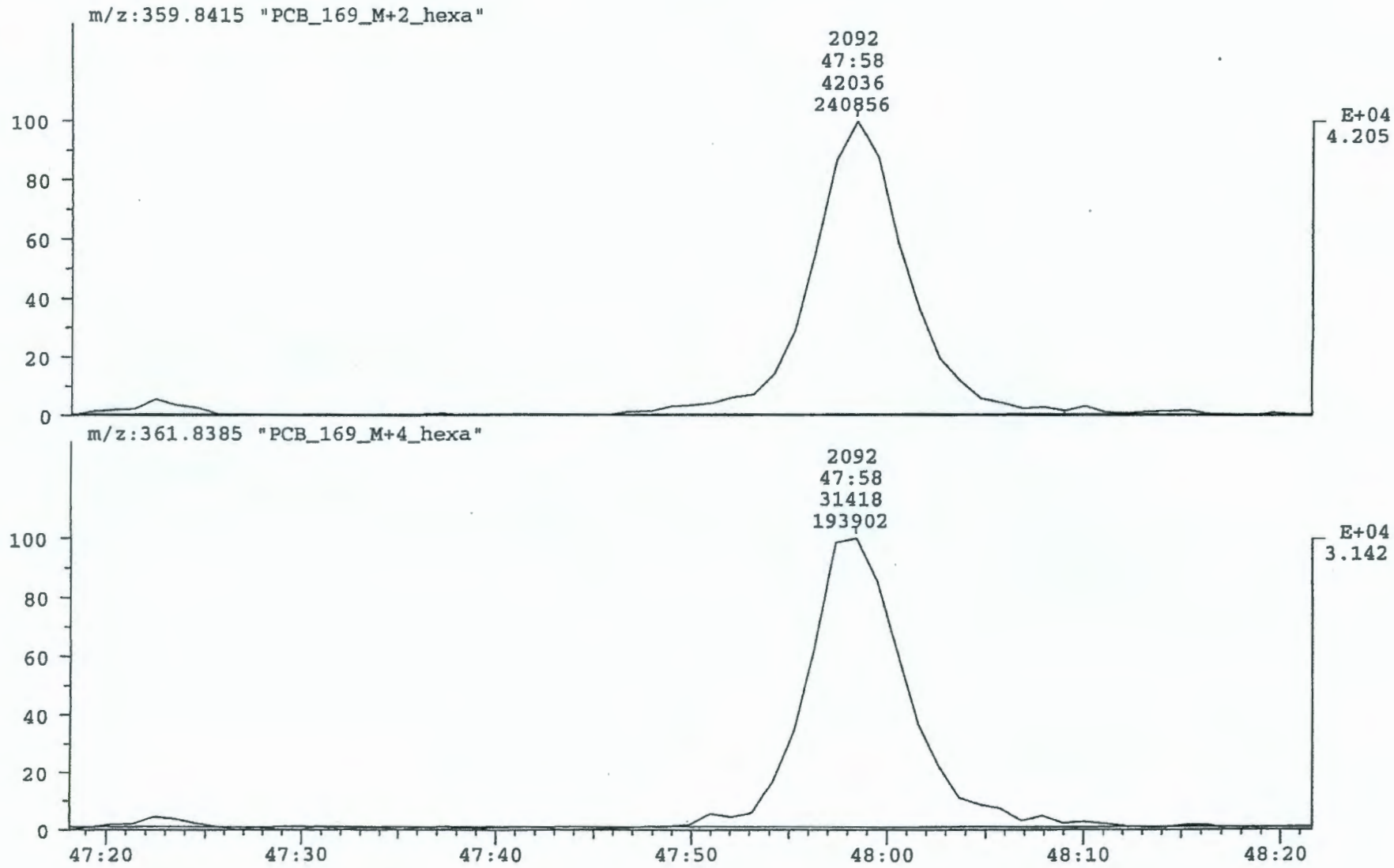
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  43:05      1815
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial 36
Peak:  100.00  ppm    Label wndw:   1770 > 1848           Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



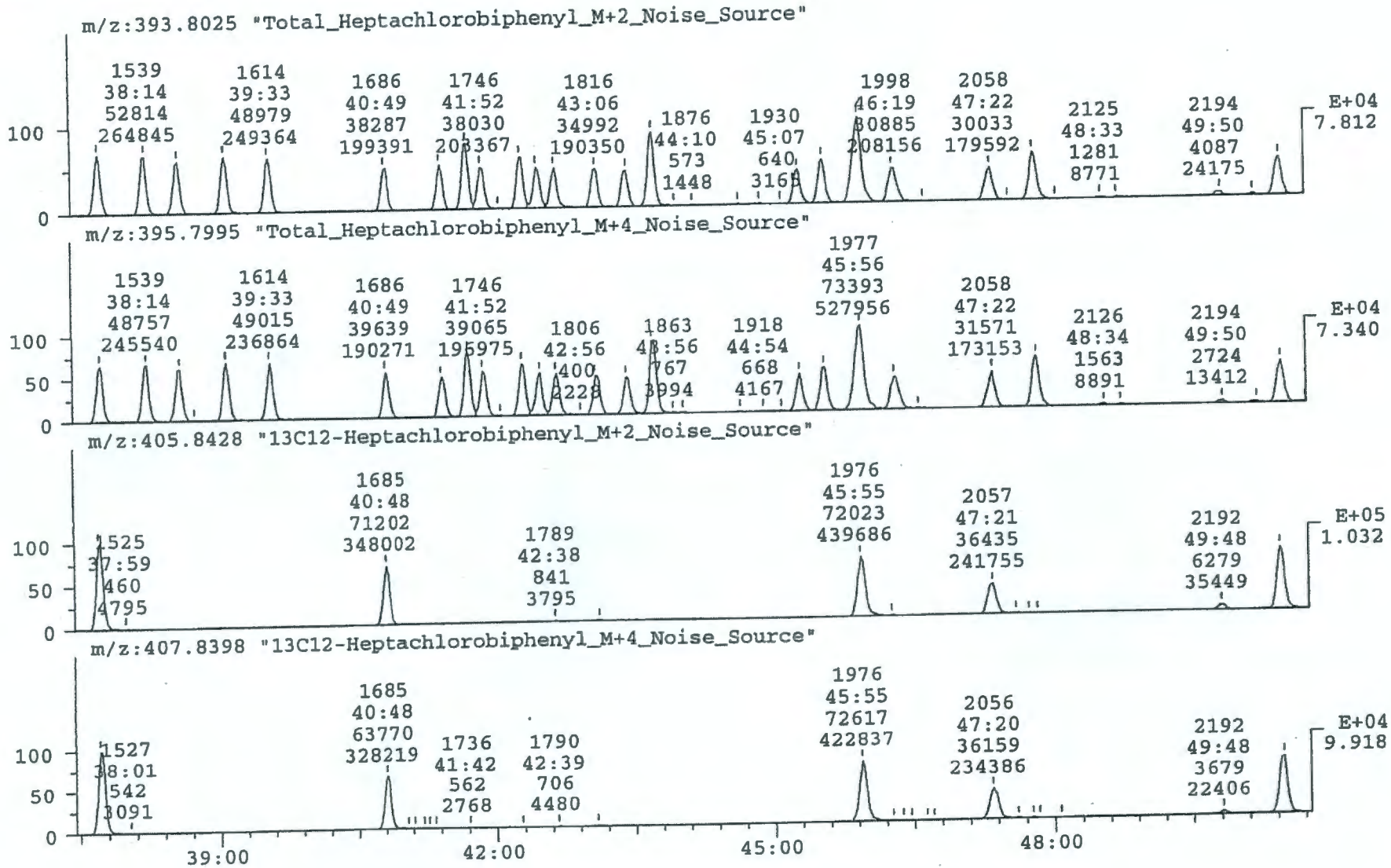
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  44:36      1901
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  36
Peak:  100.00  ppm     Label wndw:   1881 > 1917           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



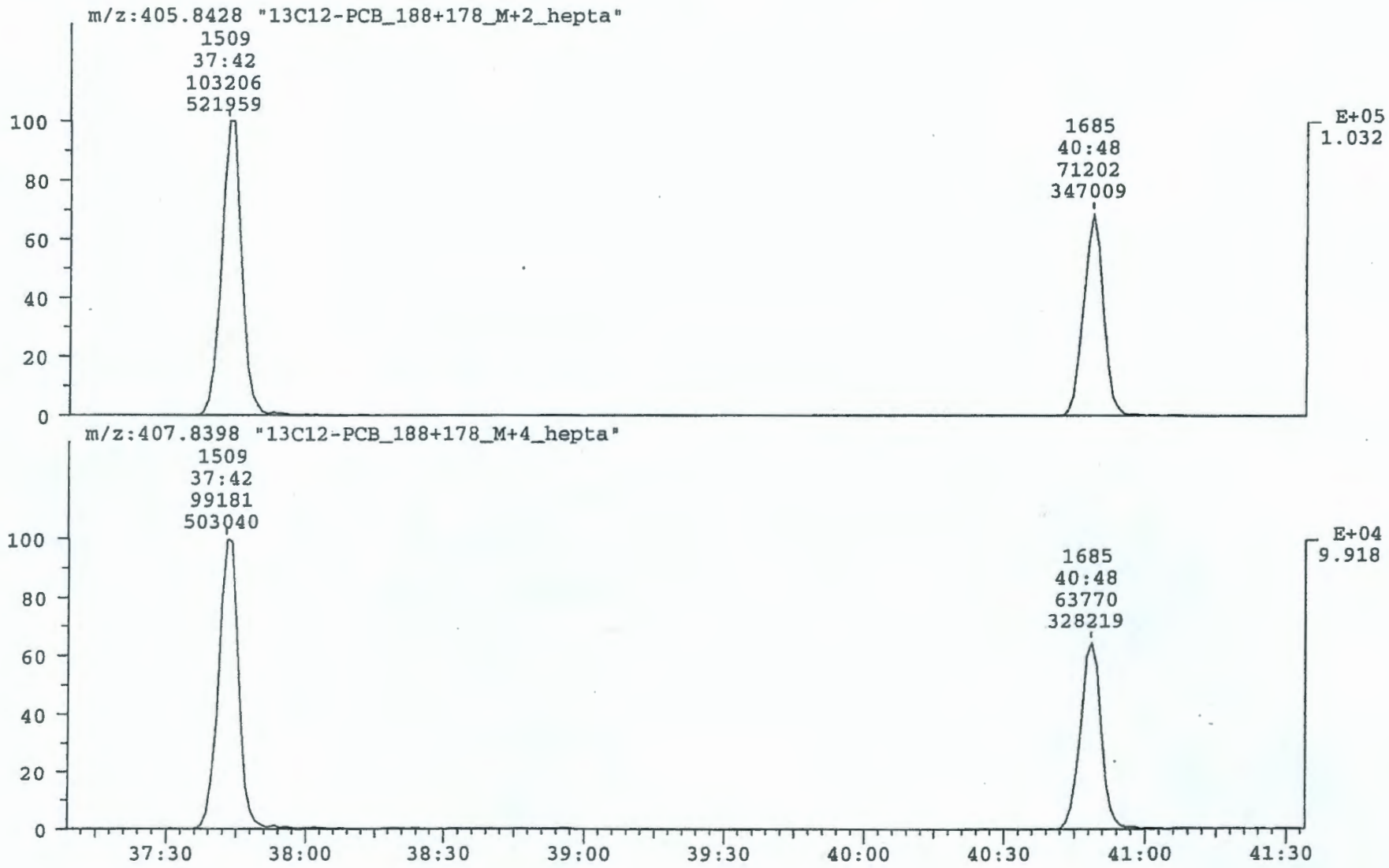
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  47:49      2084
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   2054 > 2114         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



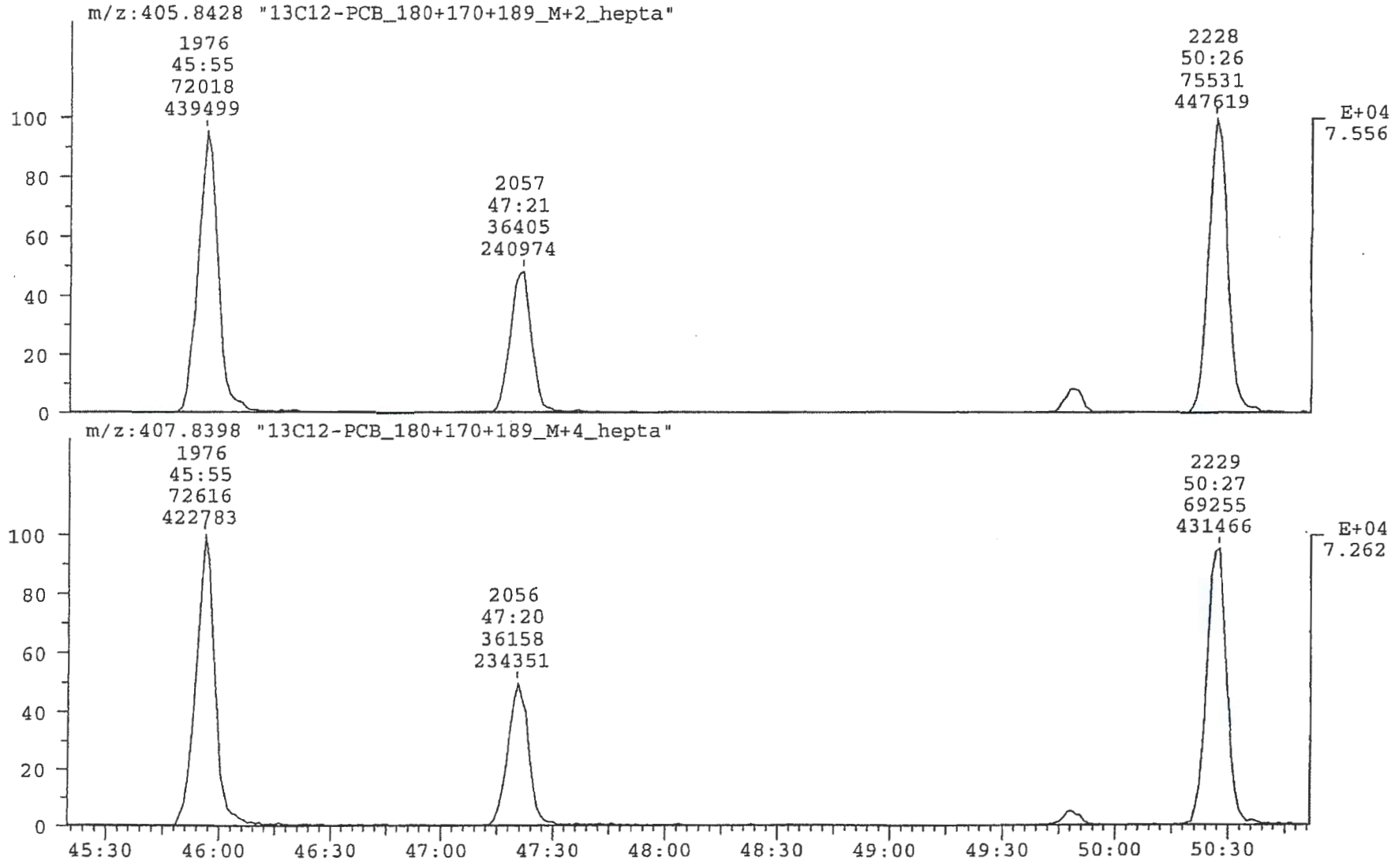
CHRO: apj64jxs 28-Sep-07 Elapse: 44:05 1872
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1494 > 2246 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



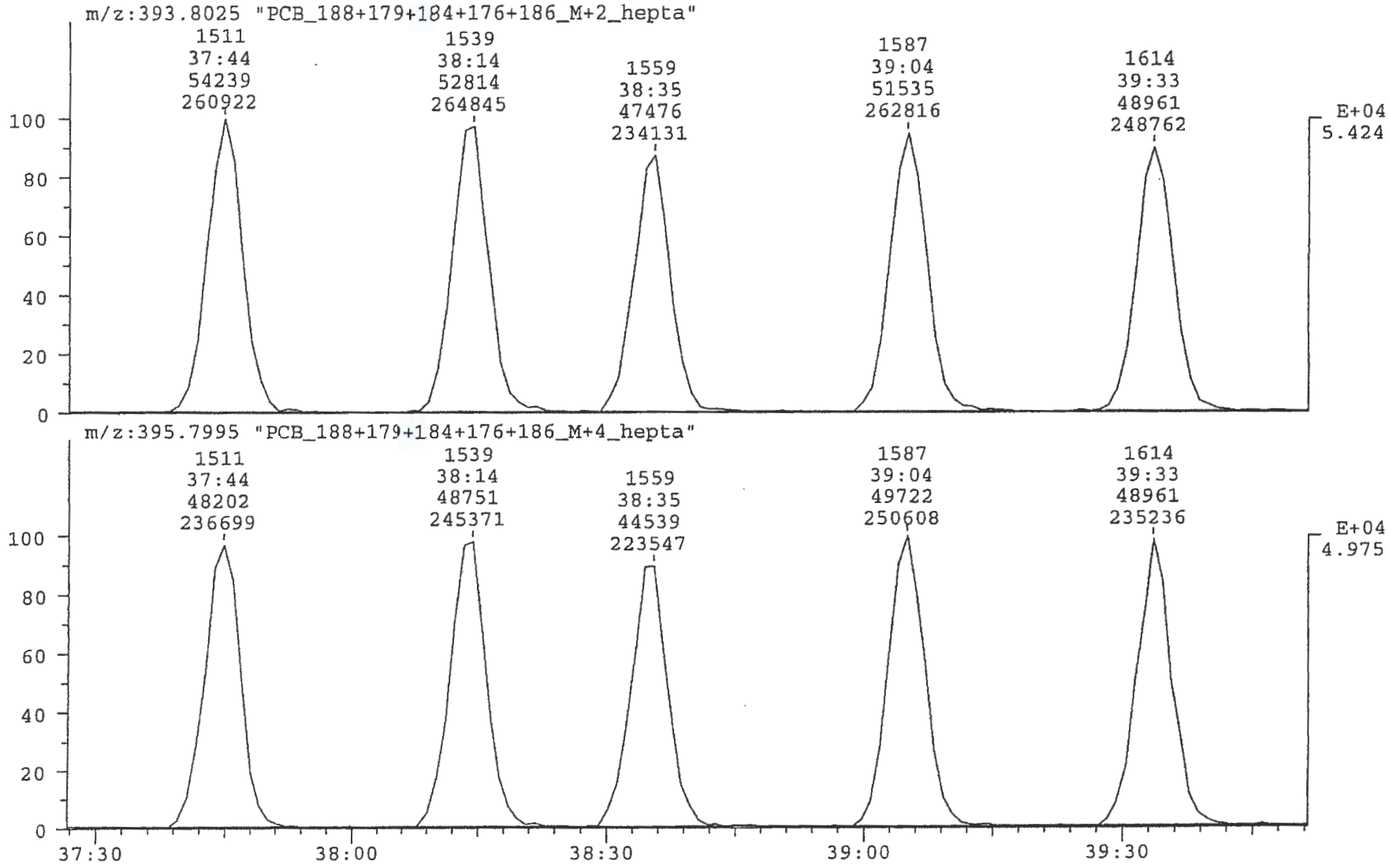
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  39:20      1602
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1477 > 1728          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



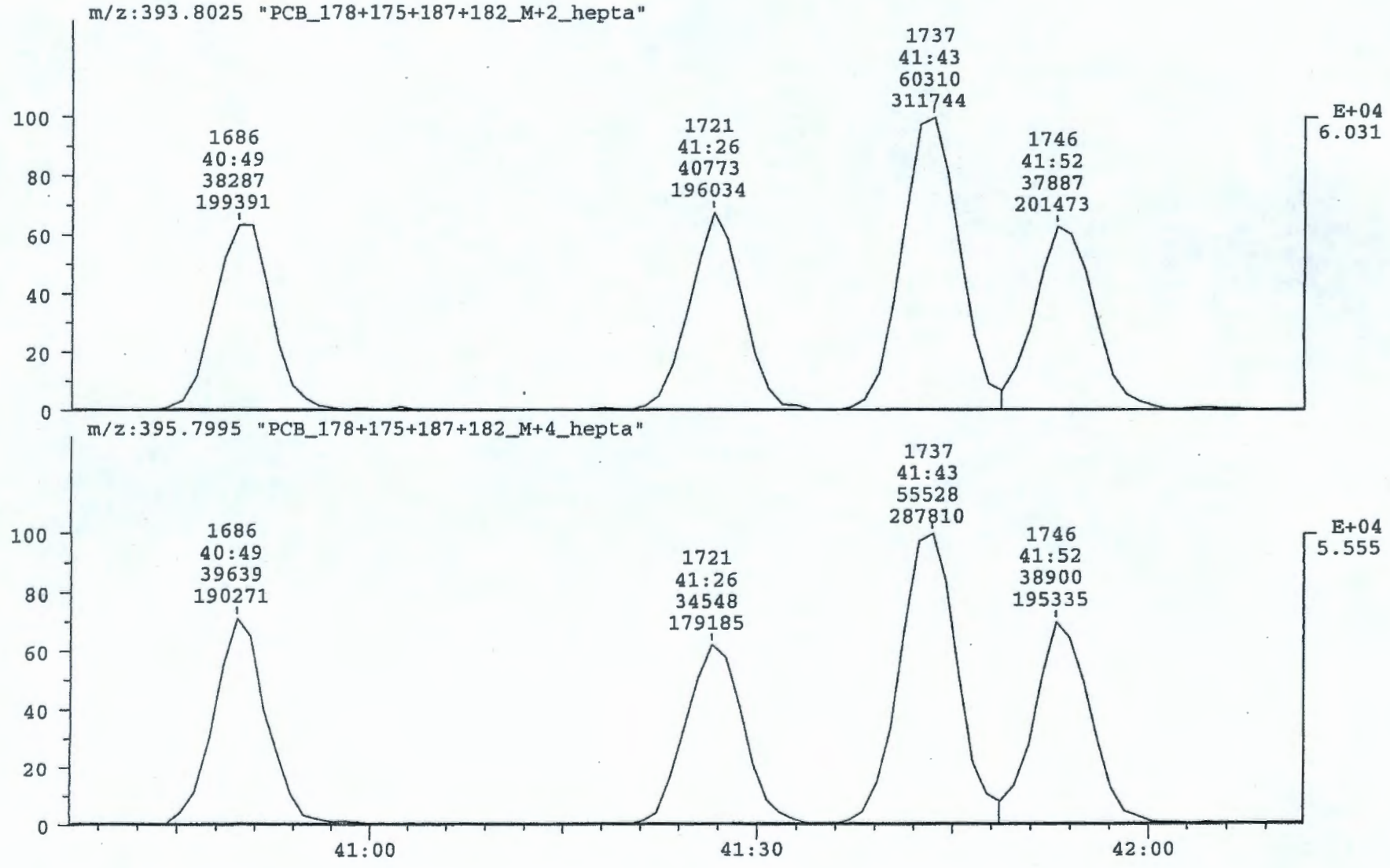
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  48:08      2102
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1942 > 2252          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



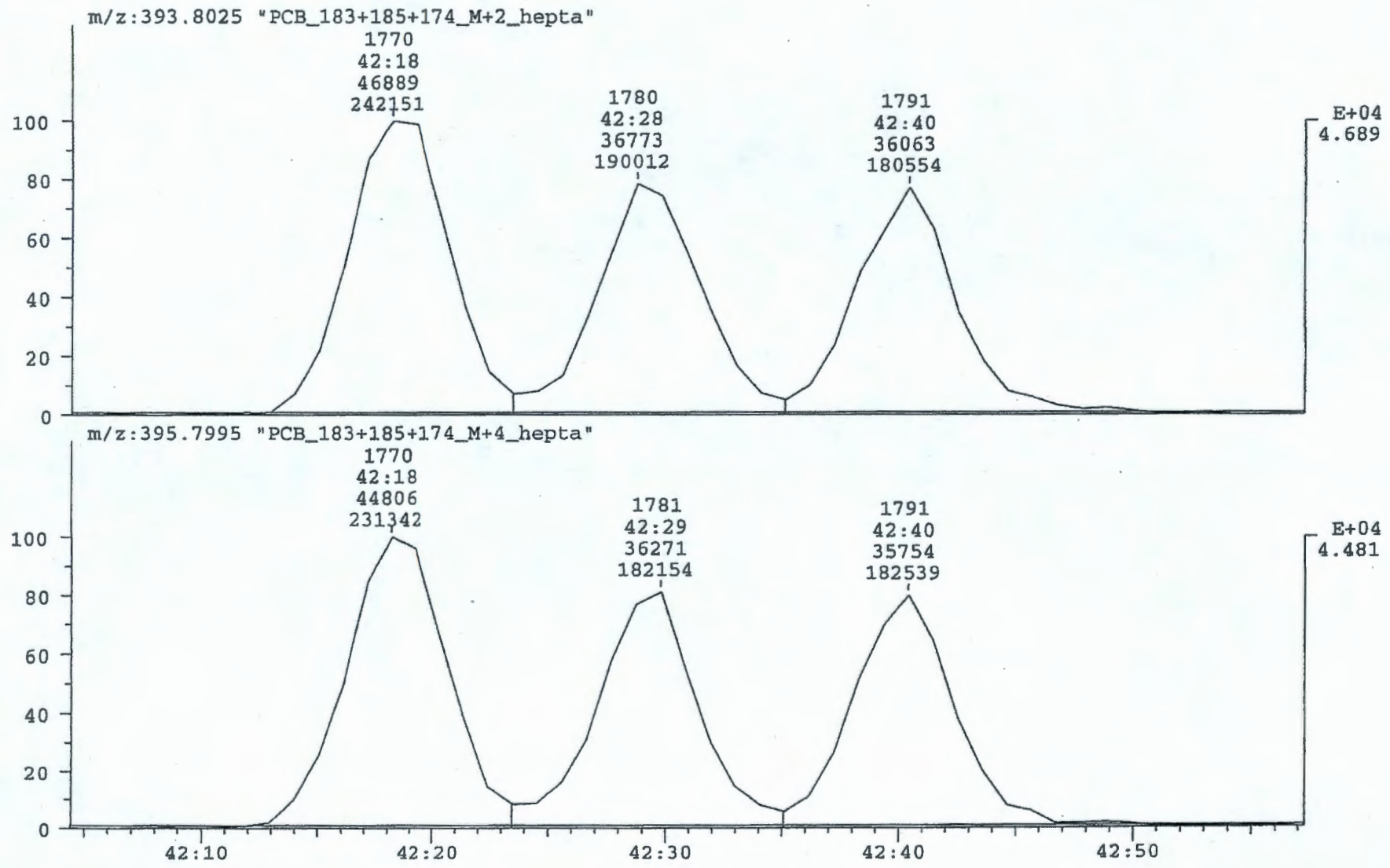
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  38:42      1566
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1494 > 1631         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



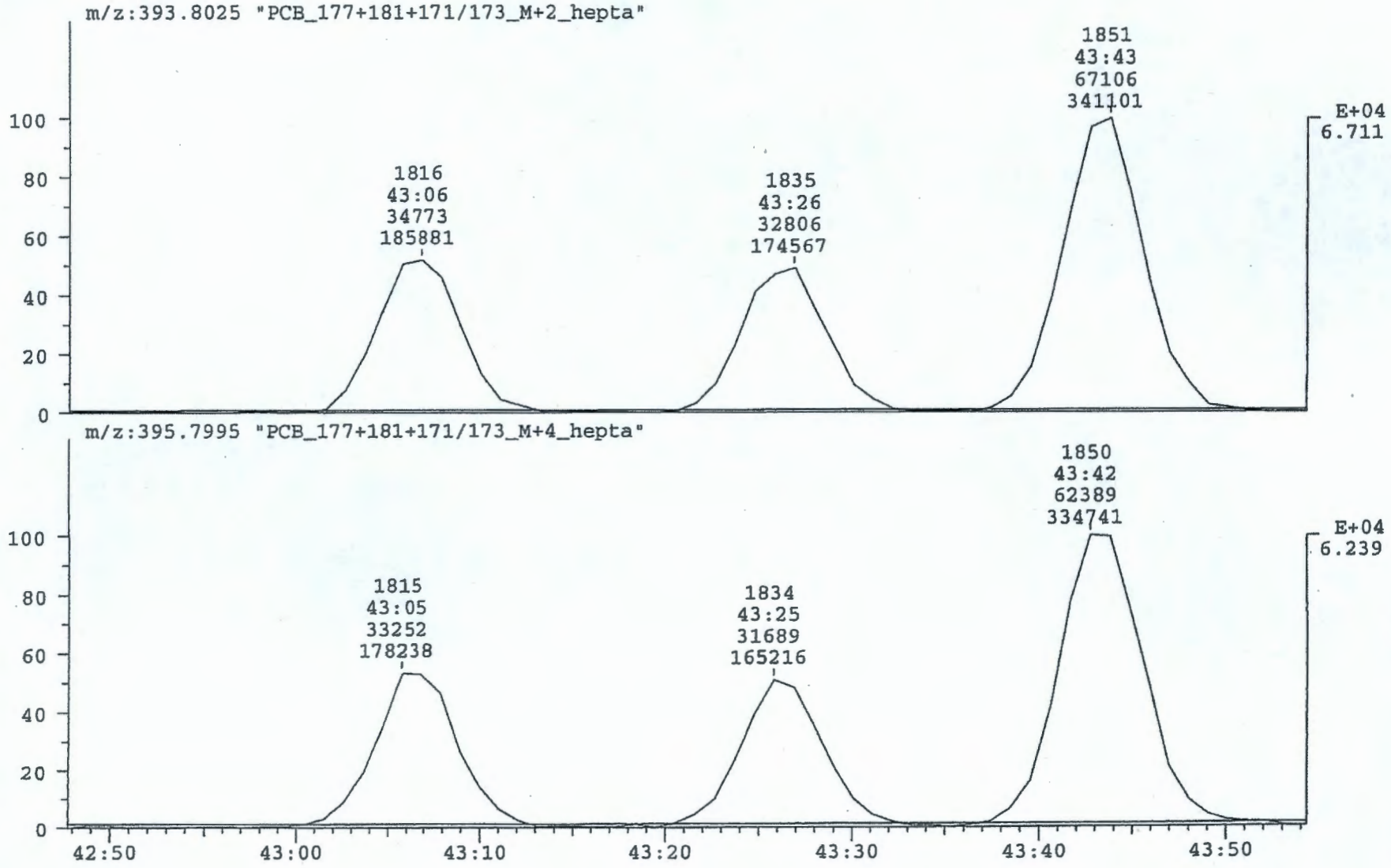
CHRO: apj64jxs 28-Sep-07 Elapse: 41:29 1724
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1674 > 1764 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



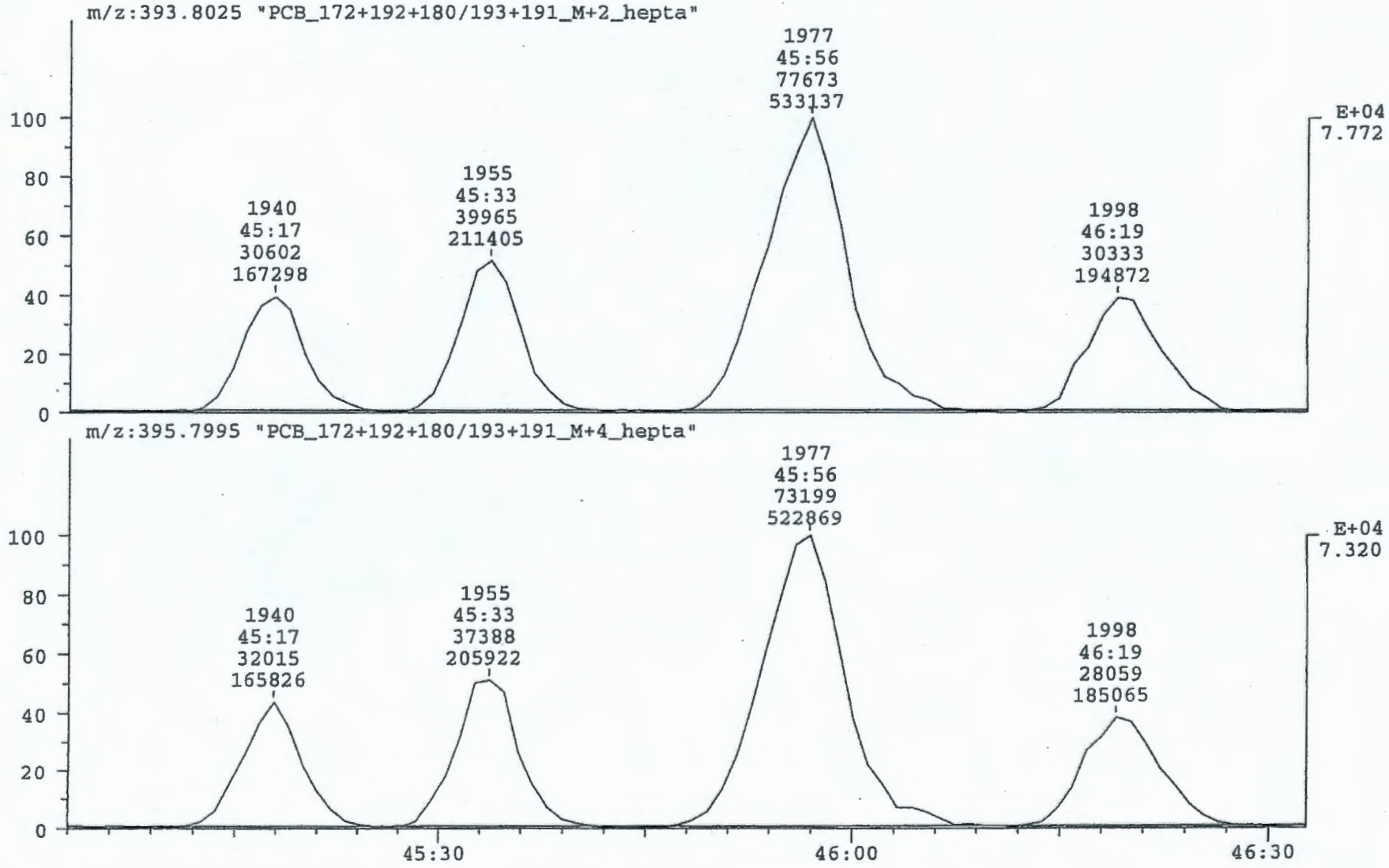
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  42:41      1792
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1757 > 1807         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  43:27      1836
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1798 > 1861         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

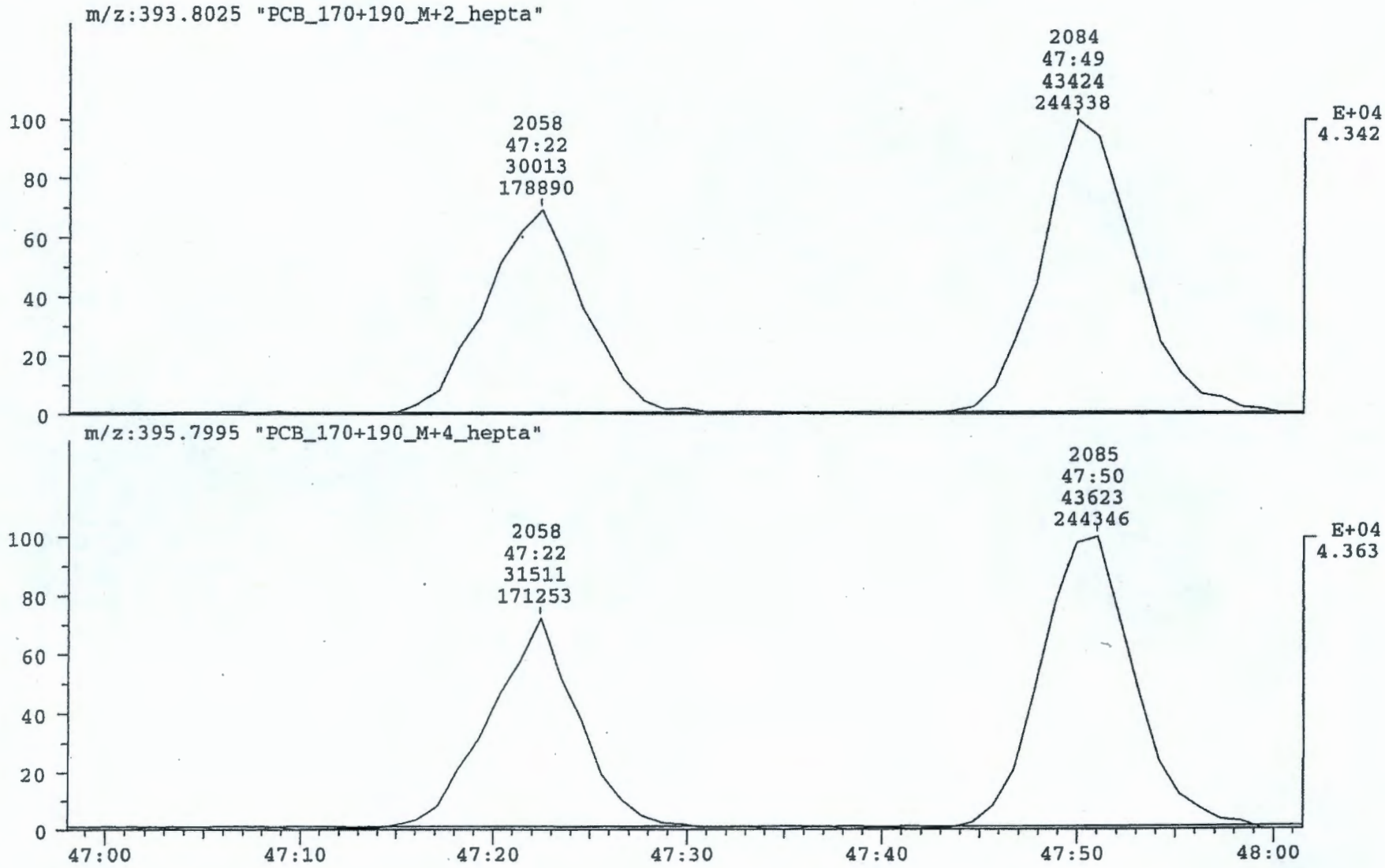


```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  45:55      1976
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1926 > 2011         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

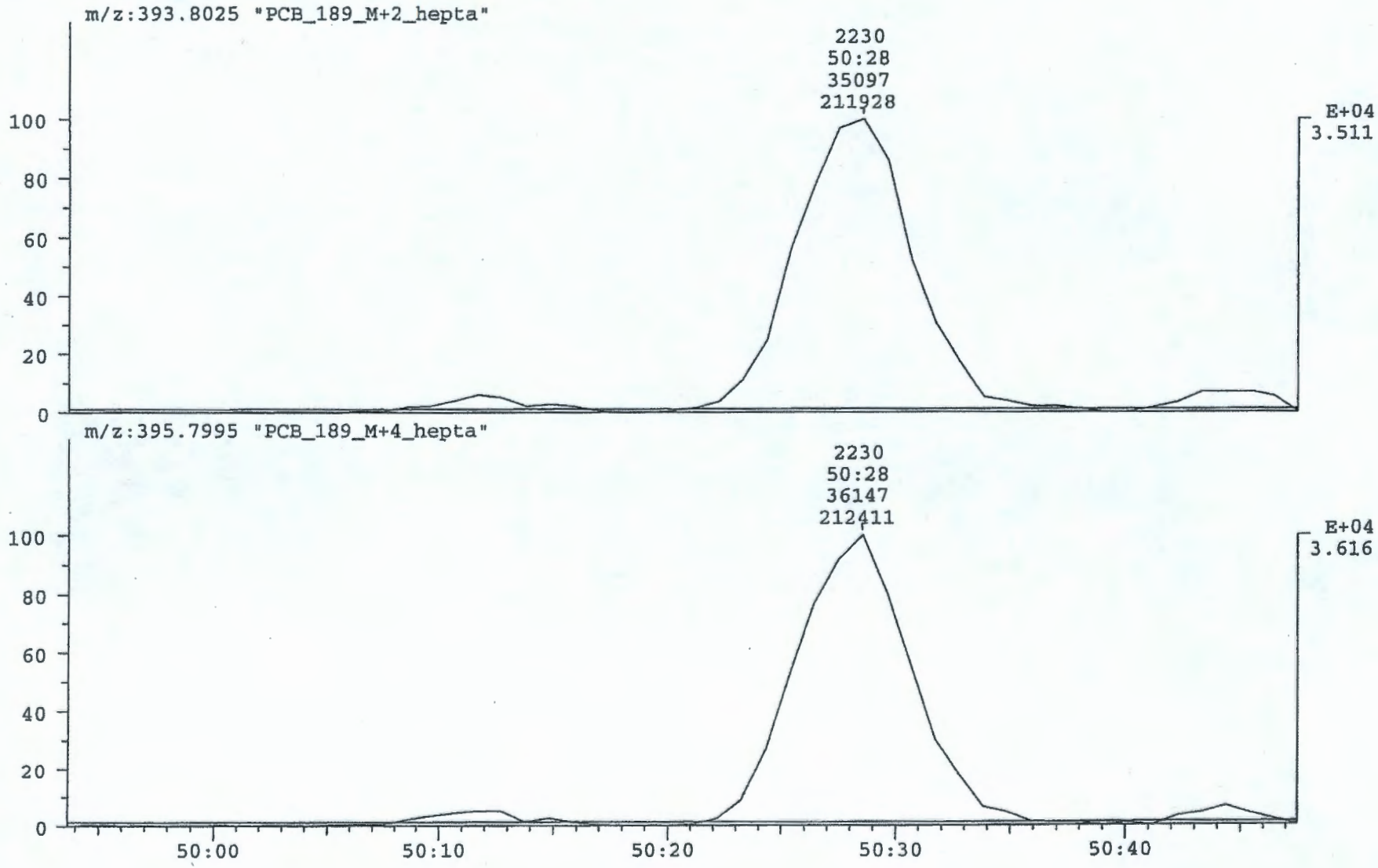


2762

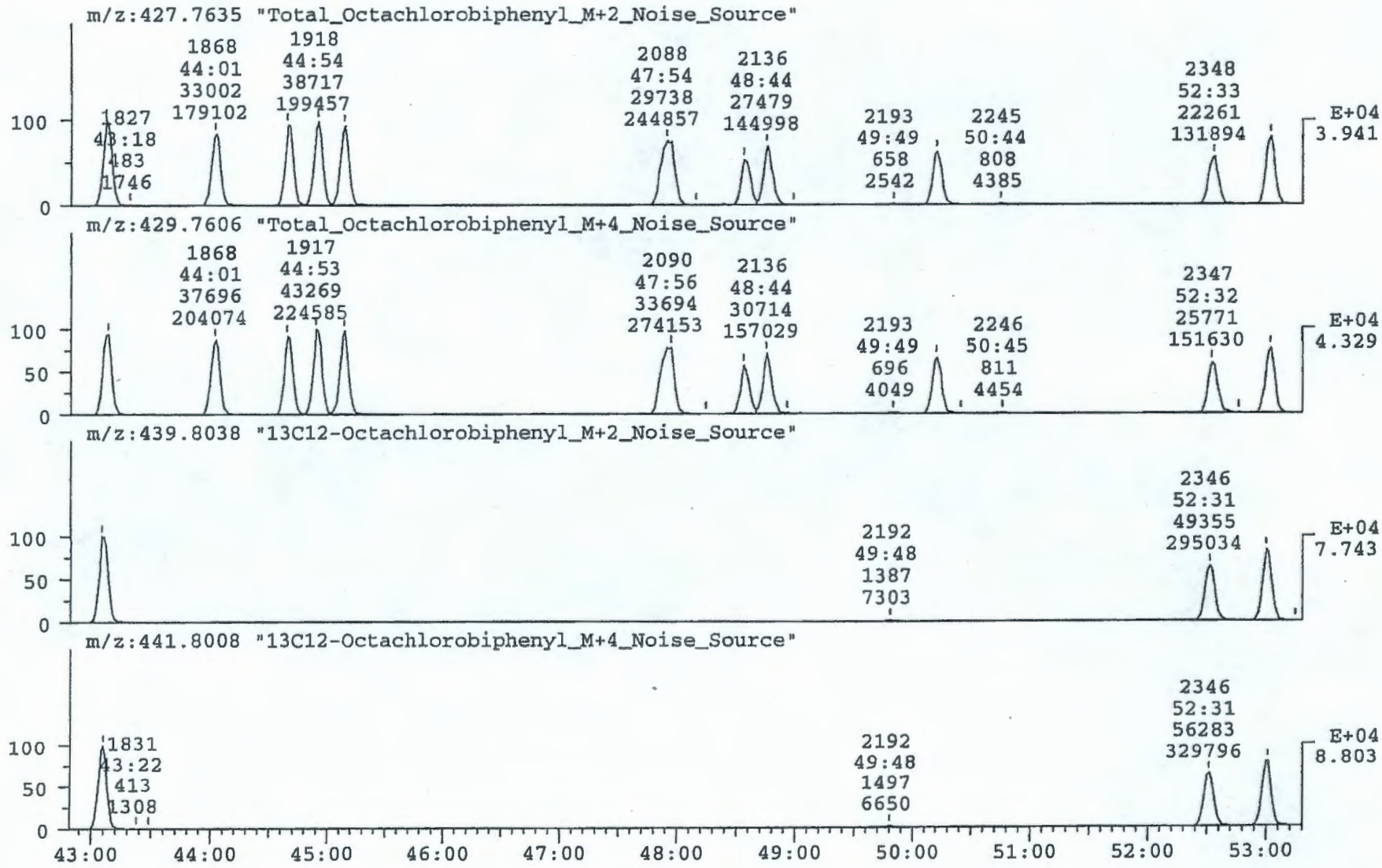
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  47:35      2070
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   2035 > 2095         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



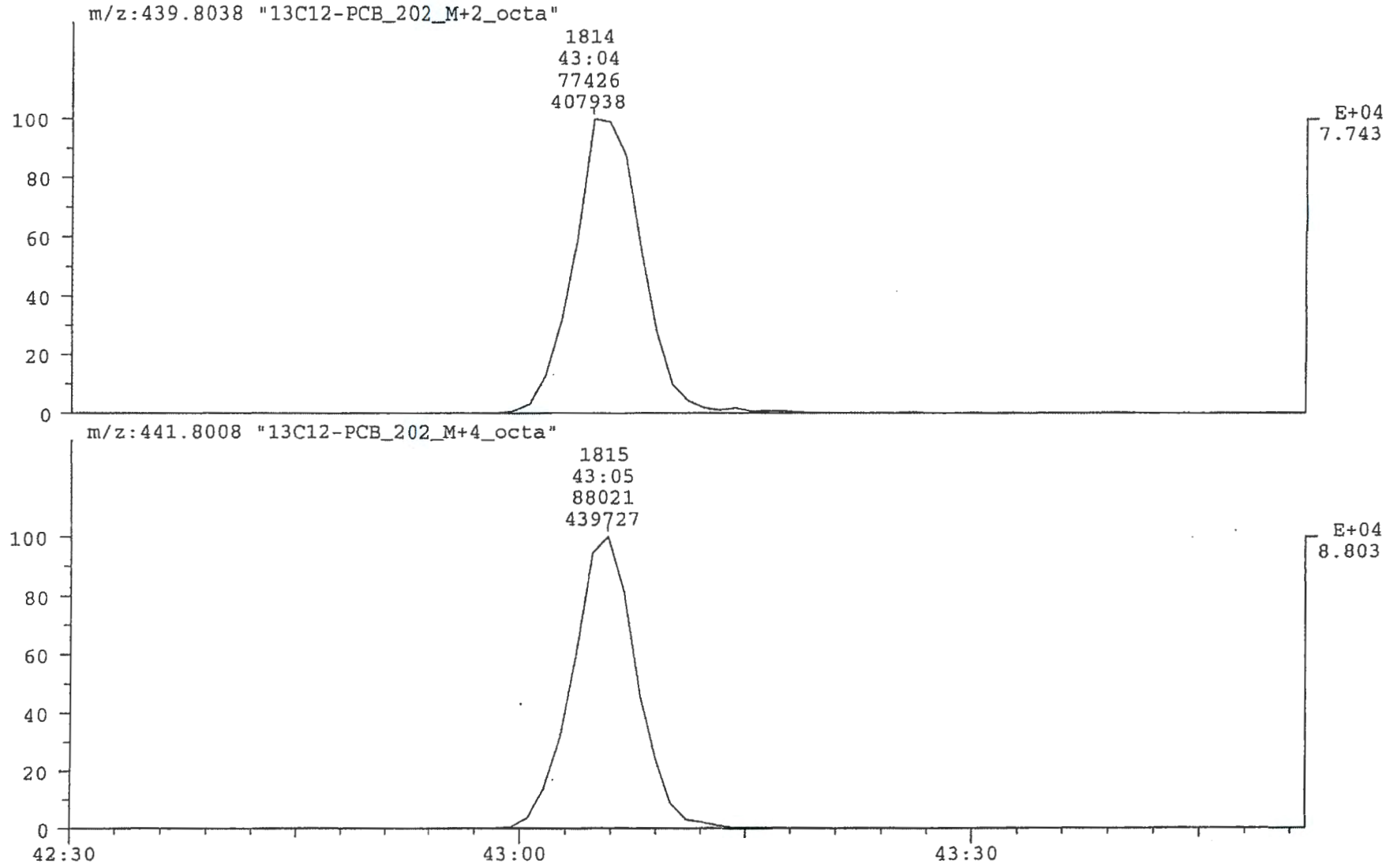
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  50:19      2221
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial 36
Peak:  100.00  ppm     Label wndw:   2197 > 2248           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  48:02      2096
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1799 > 2391         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

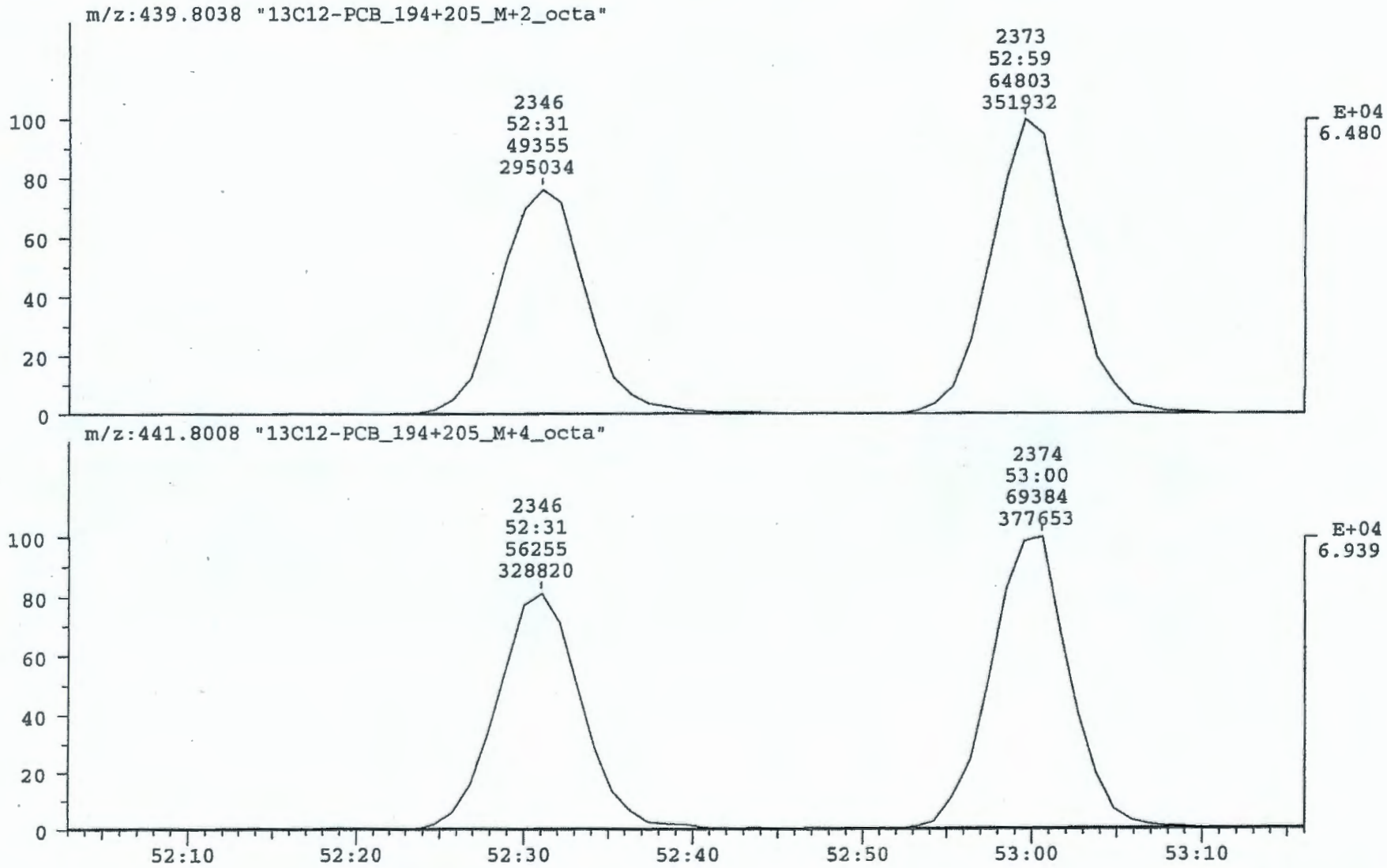


```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  43:07      1817
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   1781 > 1859         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

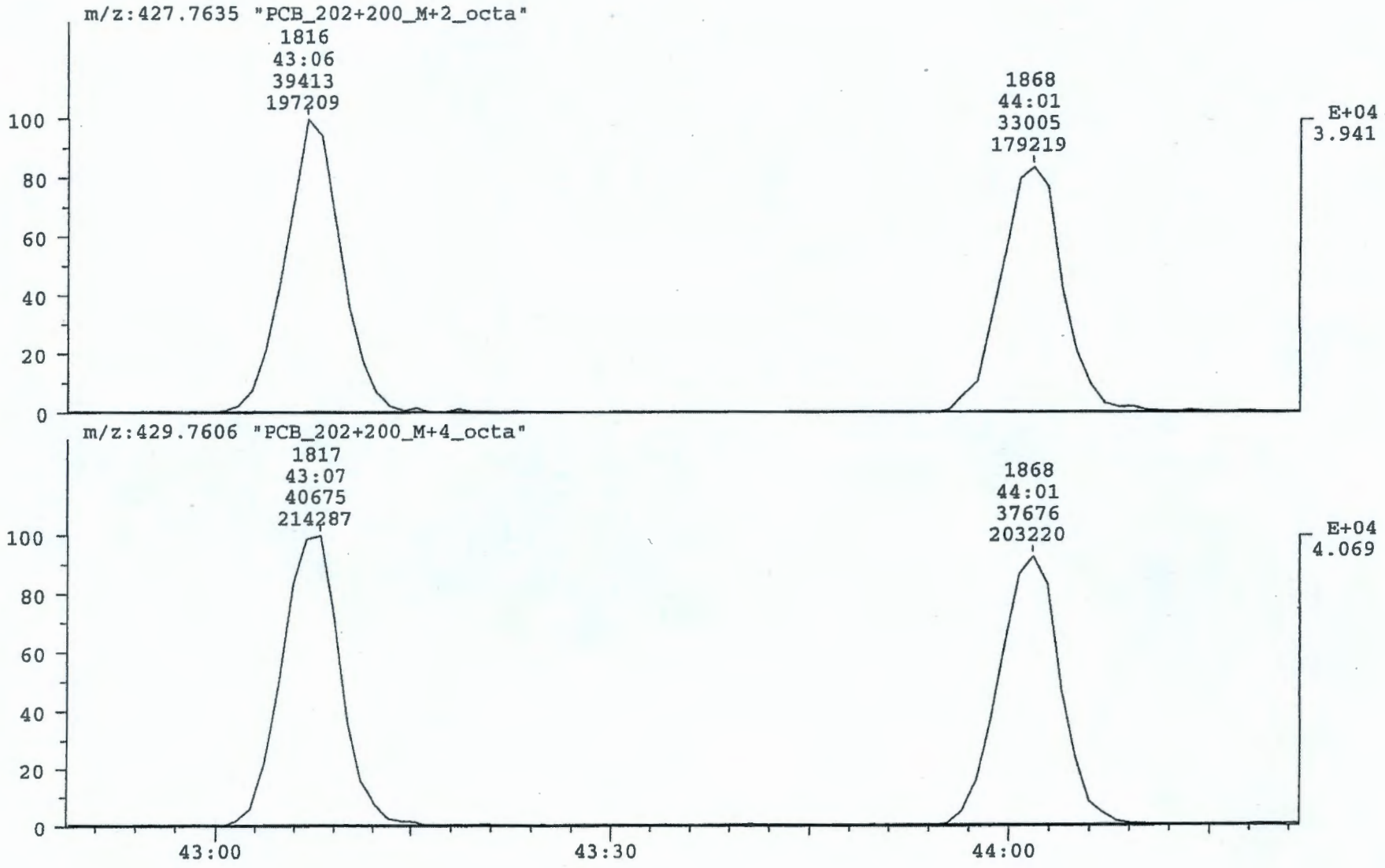


2766

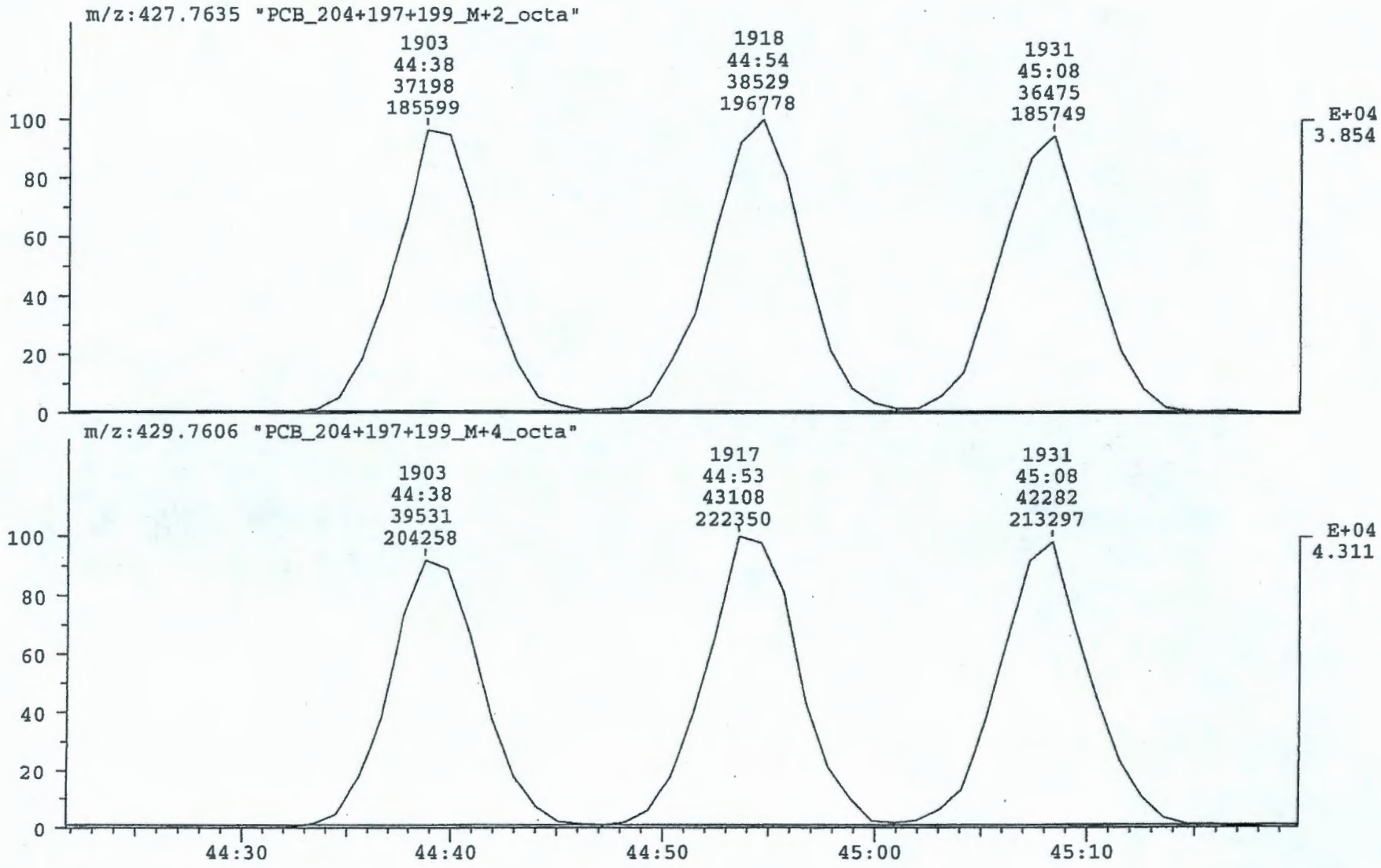
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  52:39      2354
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial 36
Peak:  100.00  ppm     Label wndw:   2319 > 2389          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



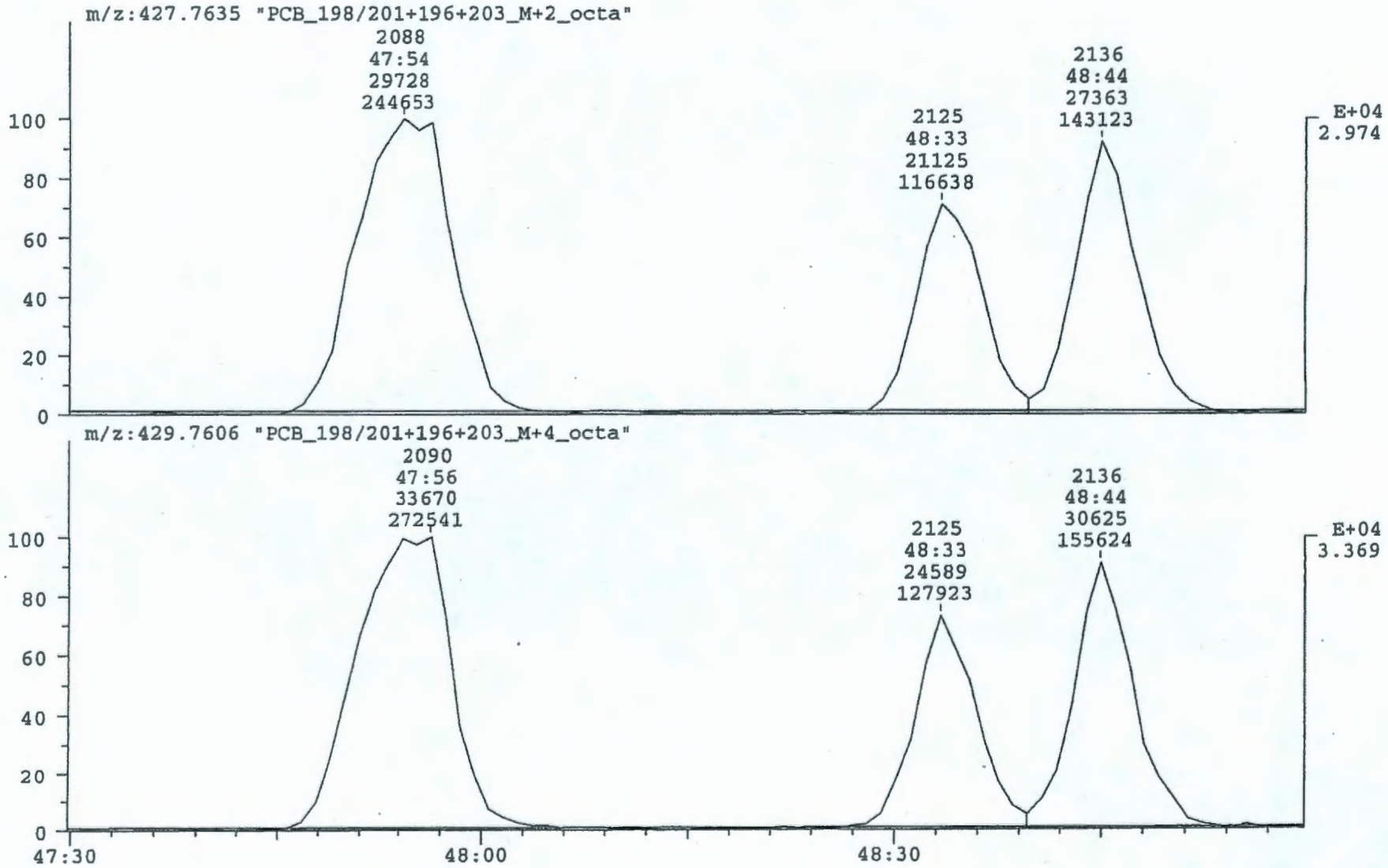
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  43:39      1847
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1799 > 1887          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



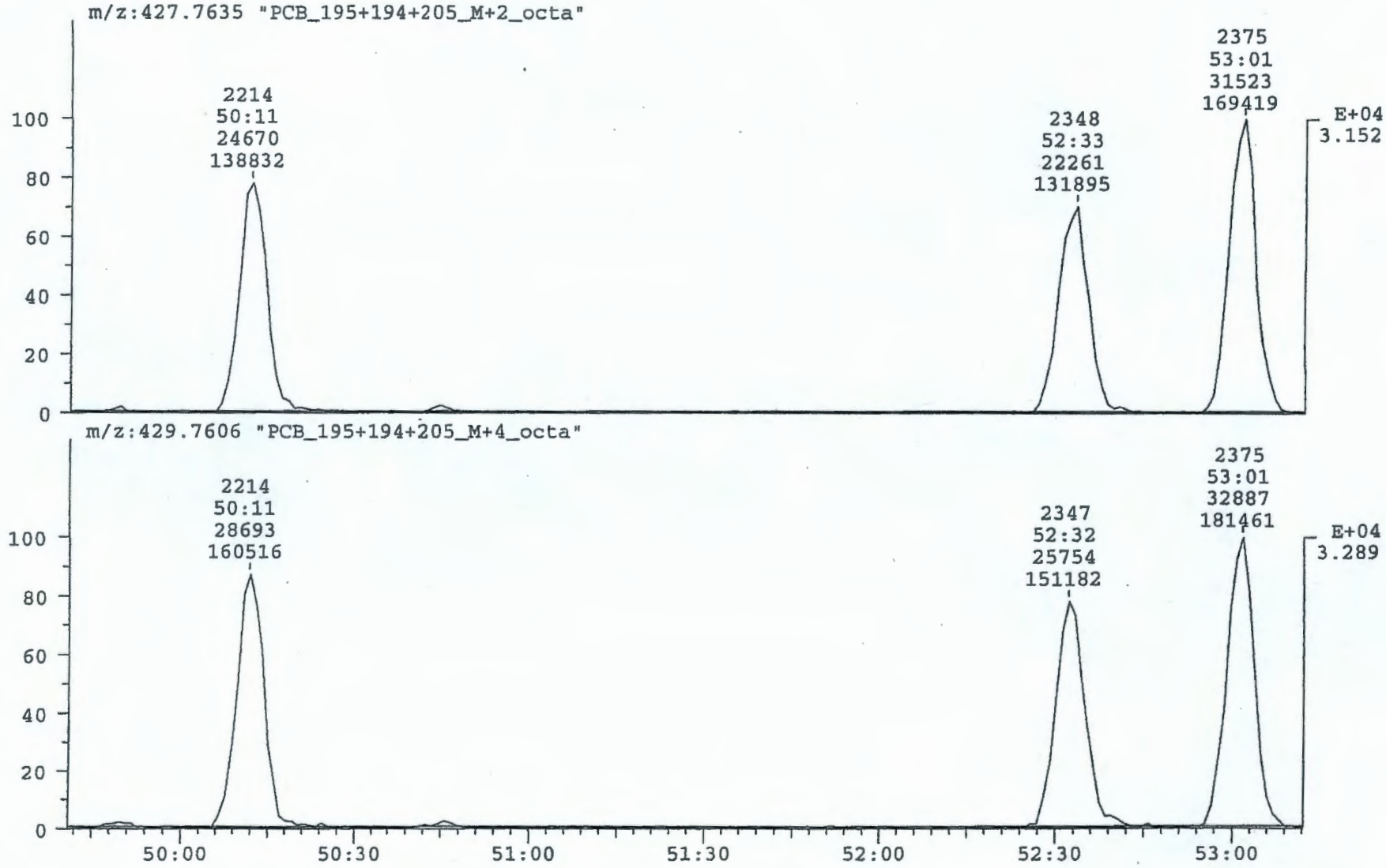
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  44:42      1907
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   1887 > 1942         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



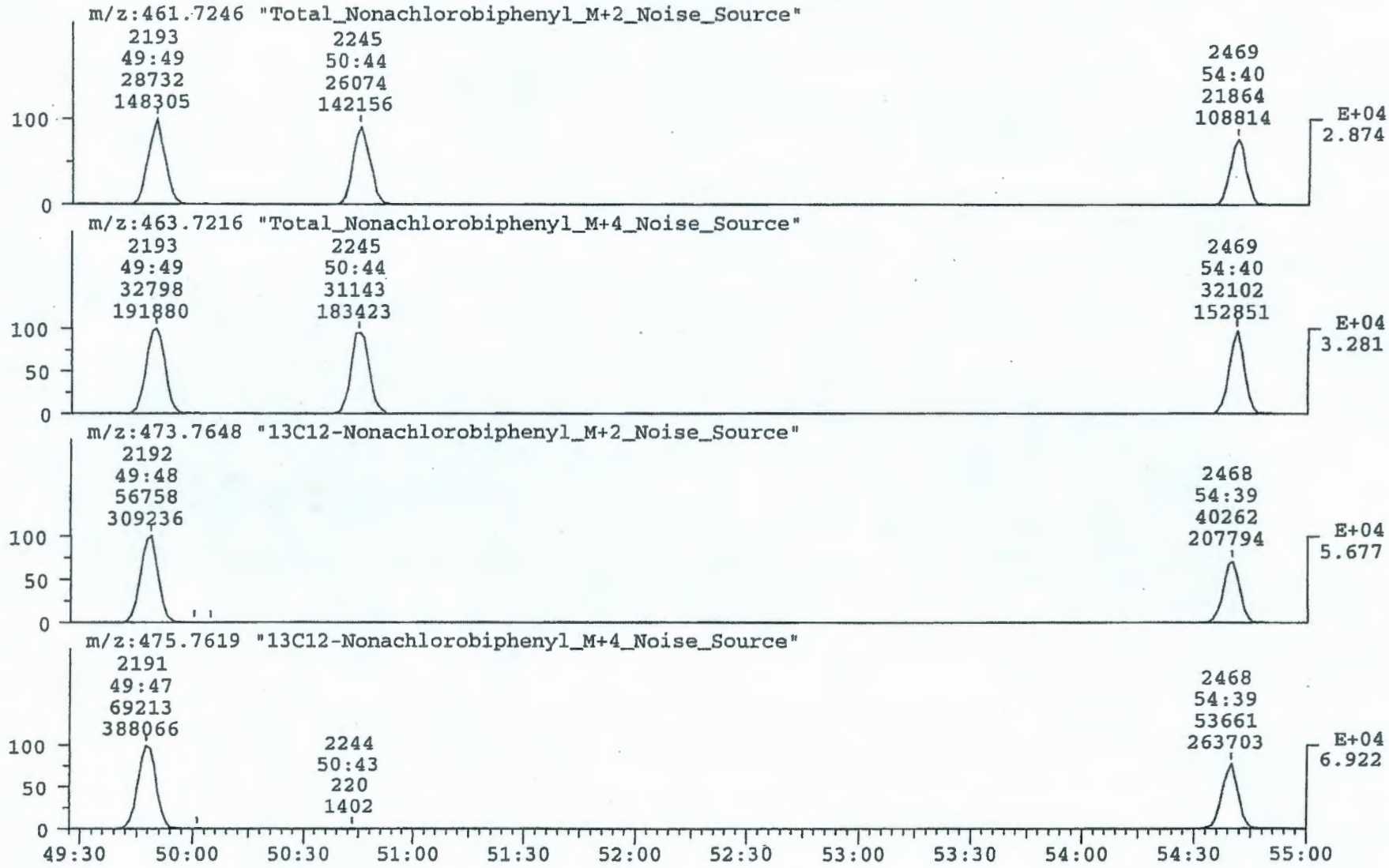
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  48:33      2125
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   2065 > 2150          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



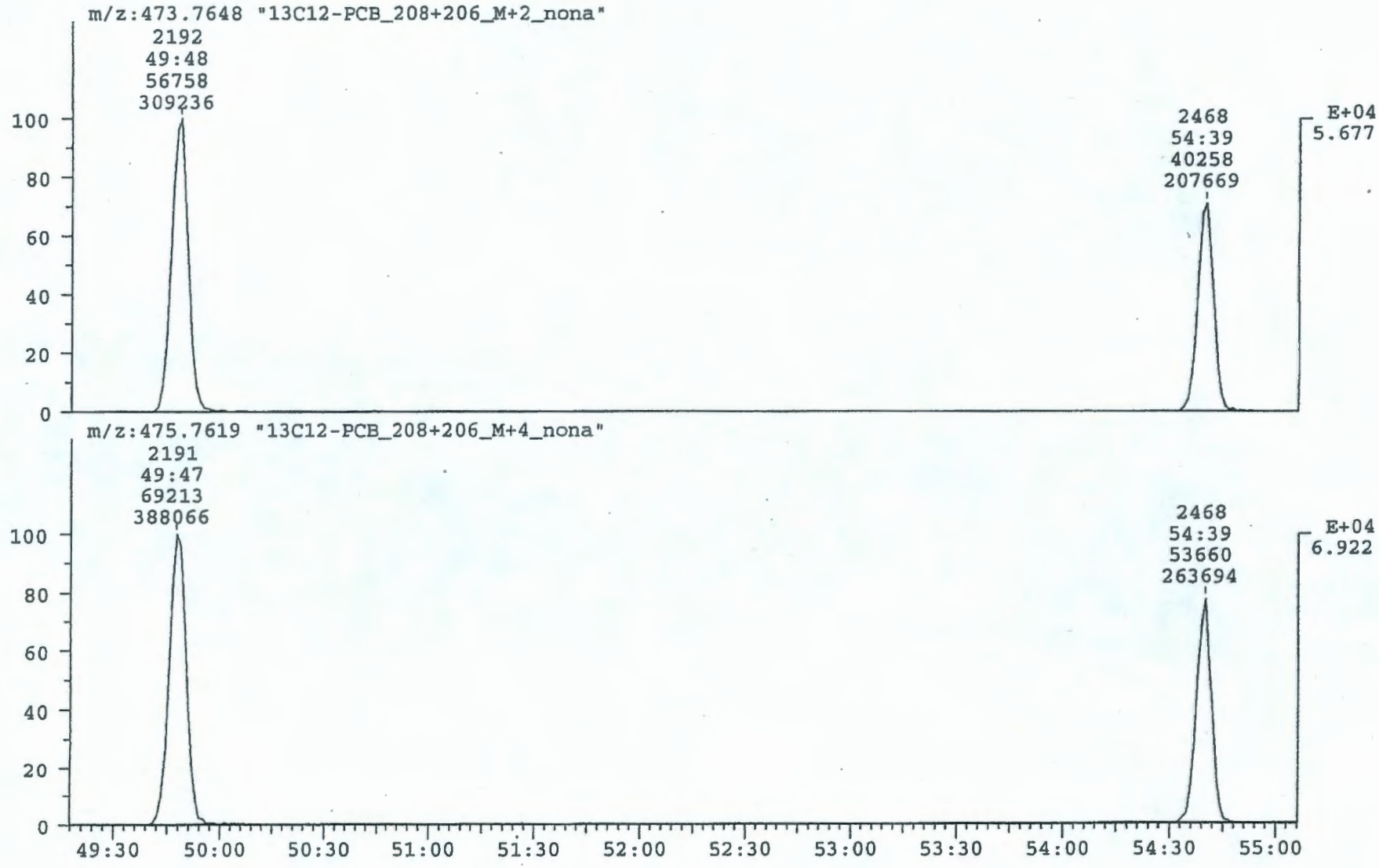
CHRO: apj64jxs 28-Sep-07 Elapse: 52:24 2340
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 2185 > 2385 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



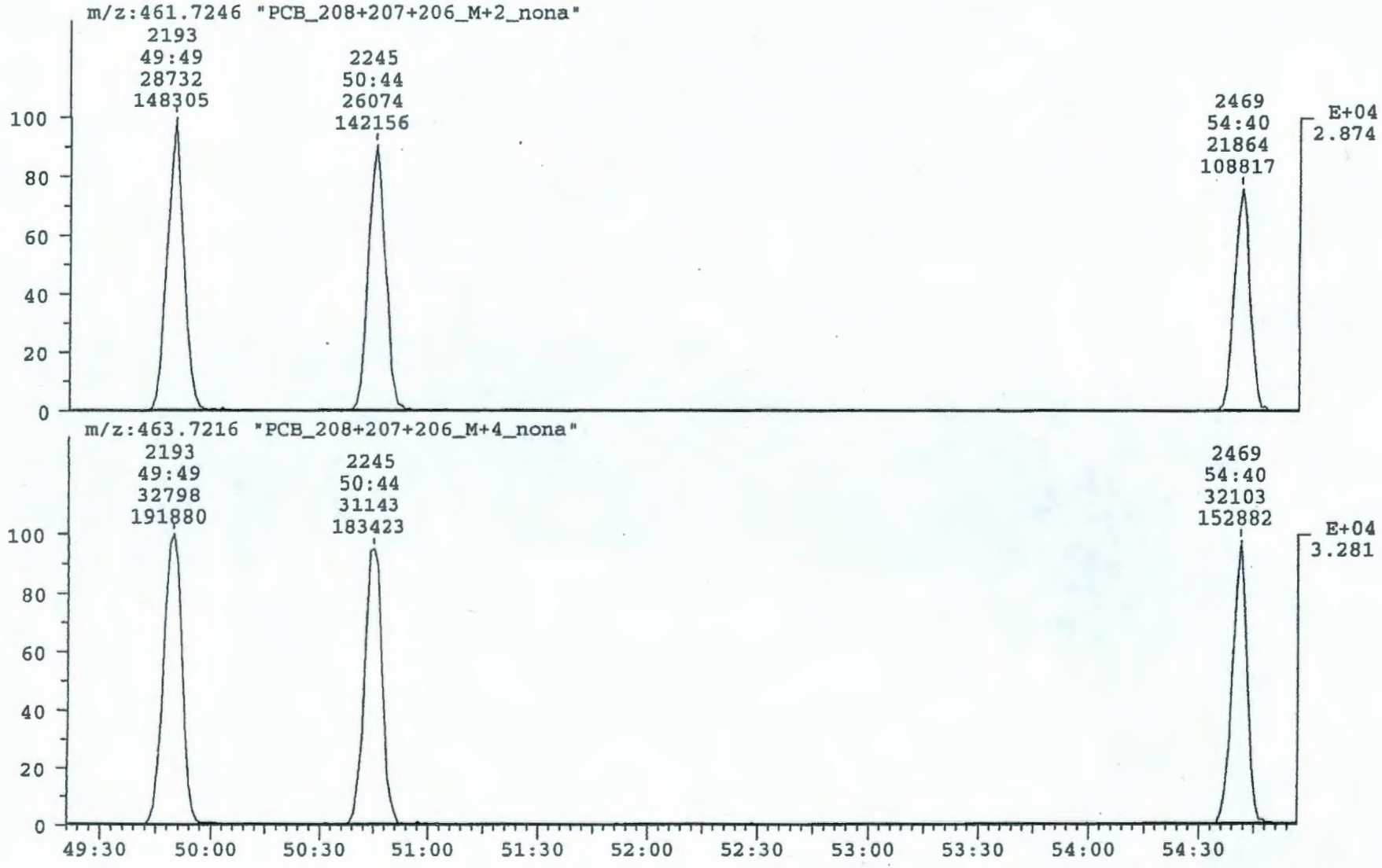
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  52:13      2329
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   2172 > 2487         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



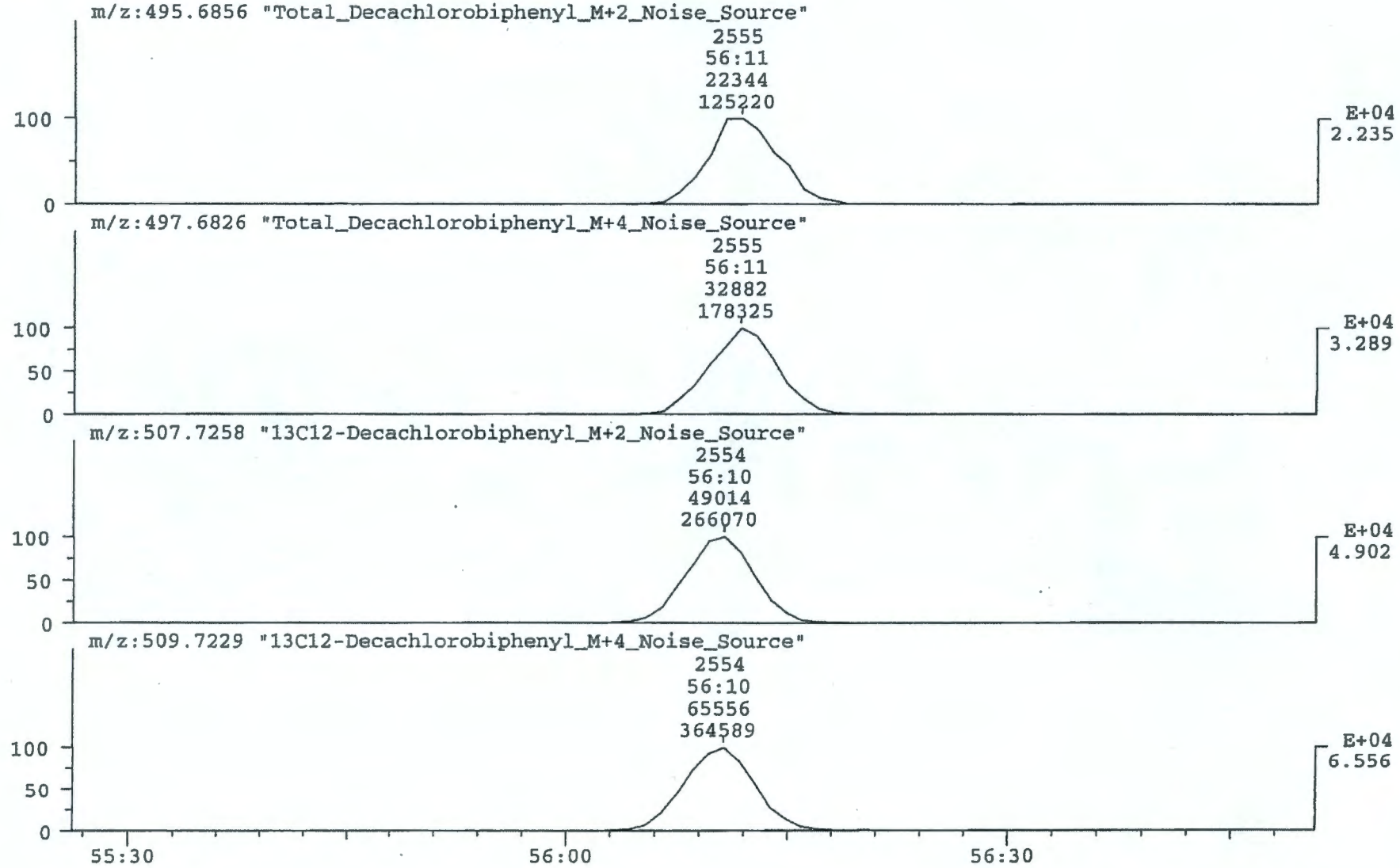
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  52:12      2328
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 36
Peak:  100.00  ppm      Label wndw:   2163 > 2493         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



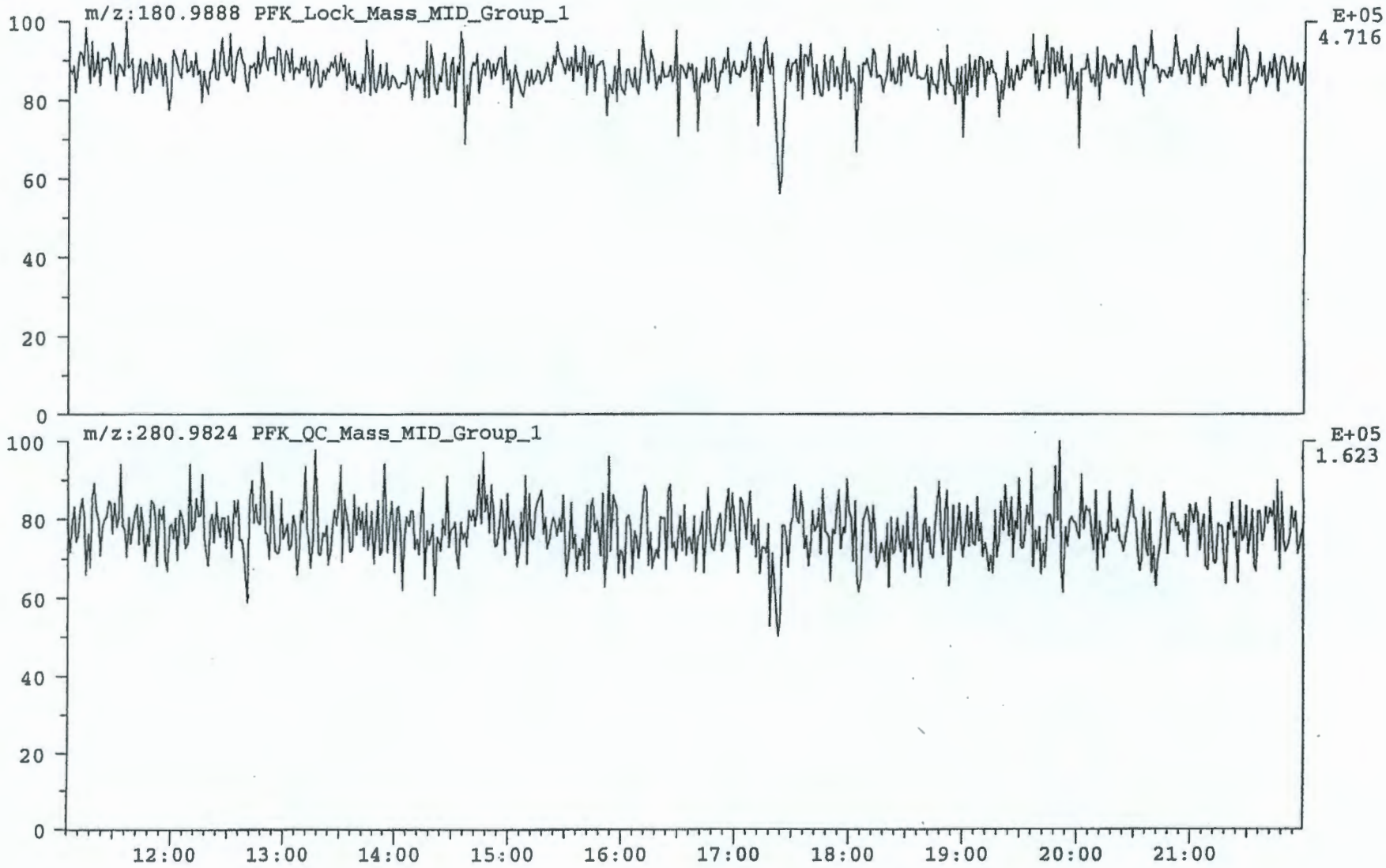
```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  52:13      2329
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   2166 > 2484          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



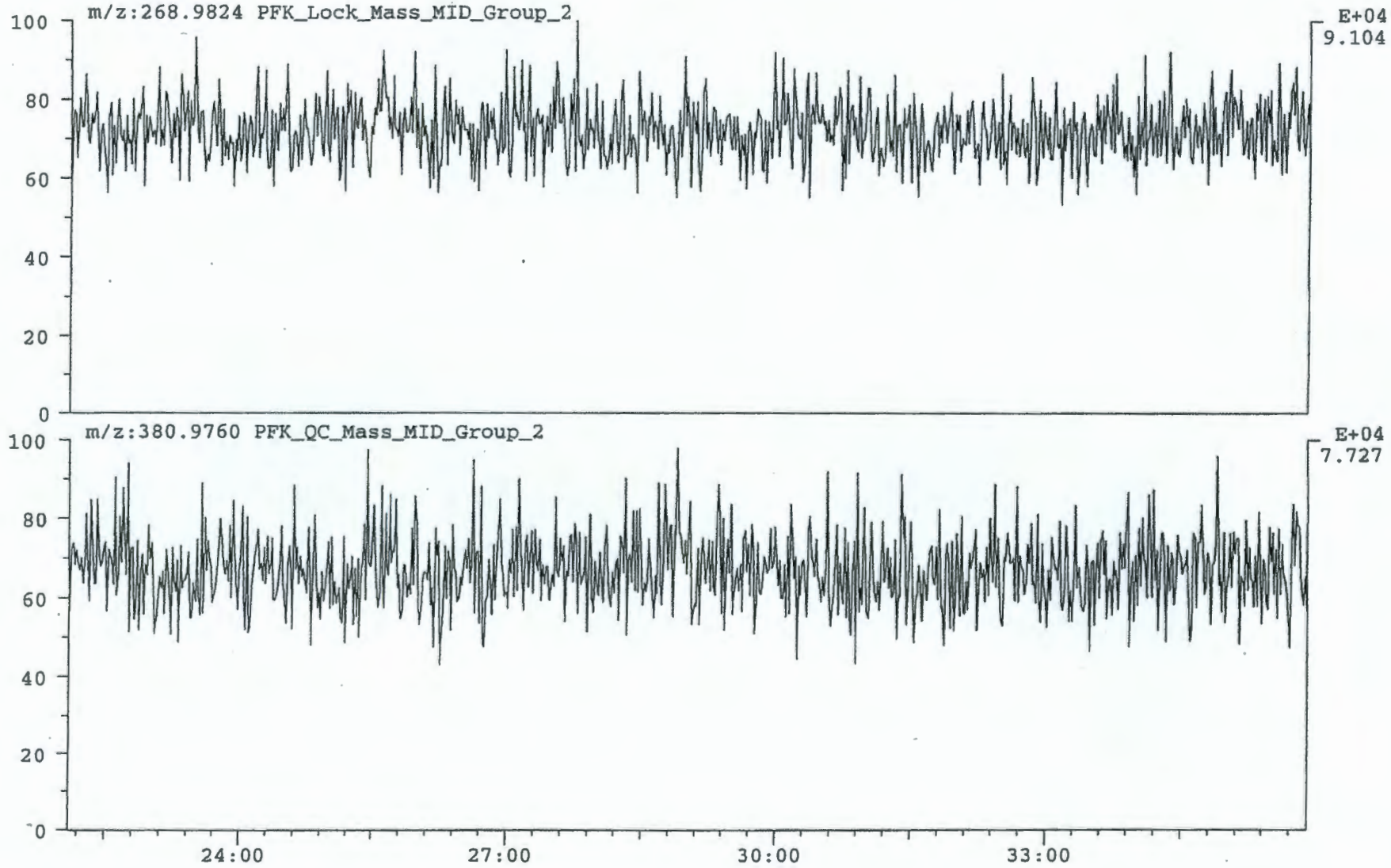
```
CHRO:  apj64jxs                                28-Sep-07  Elapse:  56:11      2555
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                 Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   2512 > 2592         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  56:11      2555
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  36
Peak:  100.00  ppm      Label wndw:   6 > 624              Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  0, 0.0
Disp:  Height  Area
```

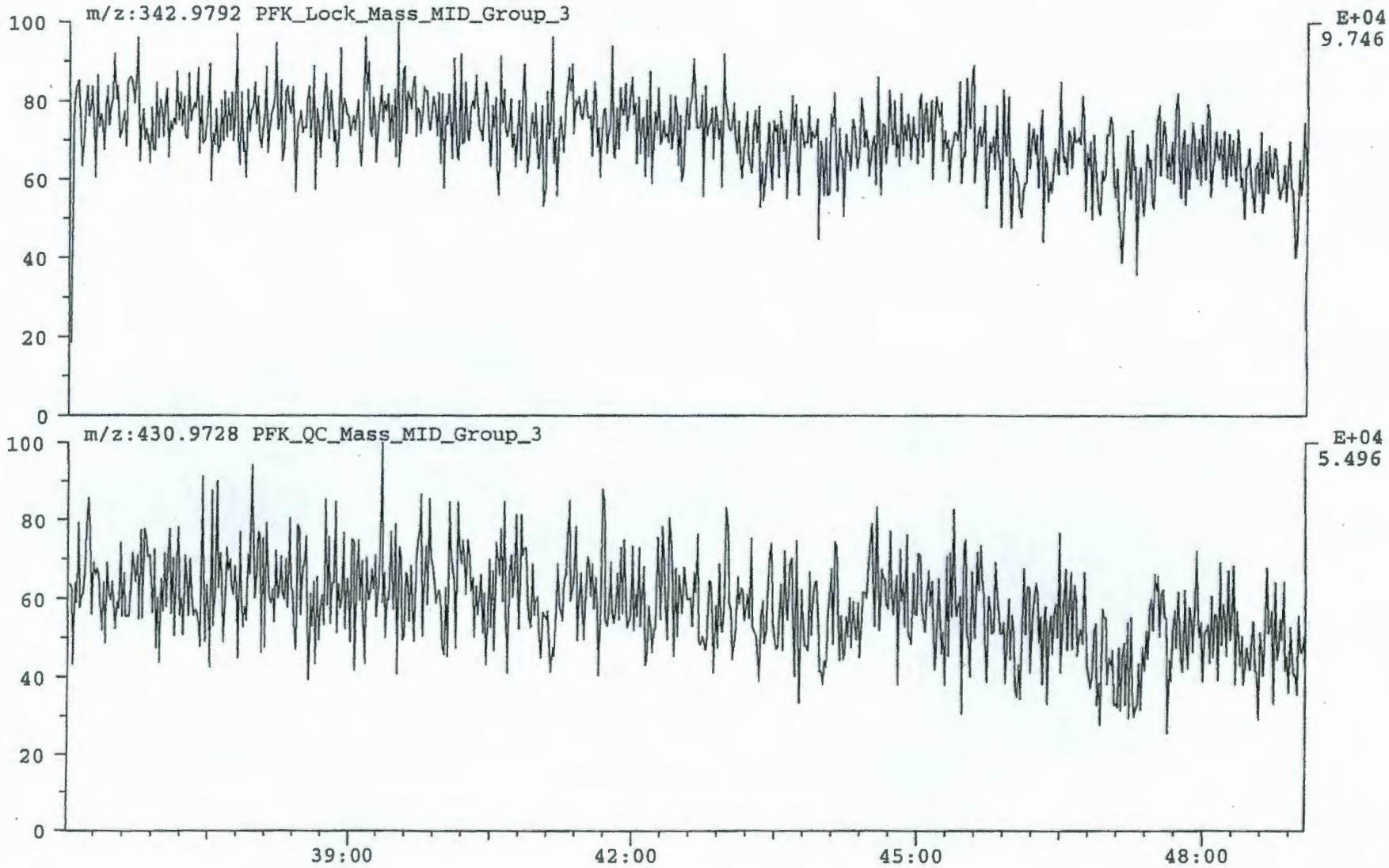


```
CHRO:  apj64jxs                                28-Sep-07   Elapse:  56:11      2555
Samp:  Vial 36 WO=j64jx1ac Meth=IE5 Dil=1                  Start :  20:17:07   2602
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial 36
Peak:  100.00  ppm    Label wndw:   627 > 1411             Masses:  181 > 510
Area:  5, 0.50, 15    Baseline  :   100, 3                 Label :  0, 0.0
Disp:  Height  Area
```

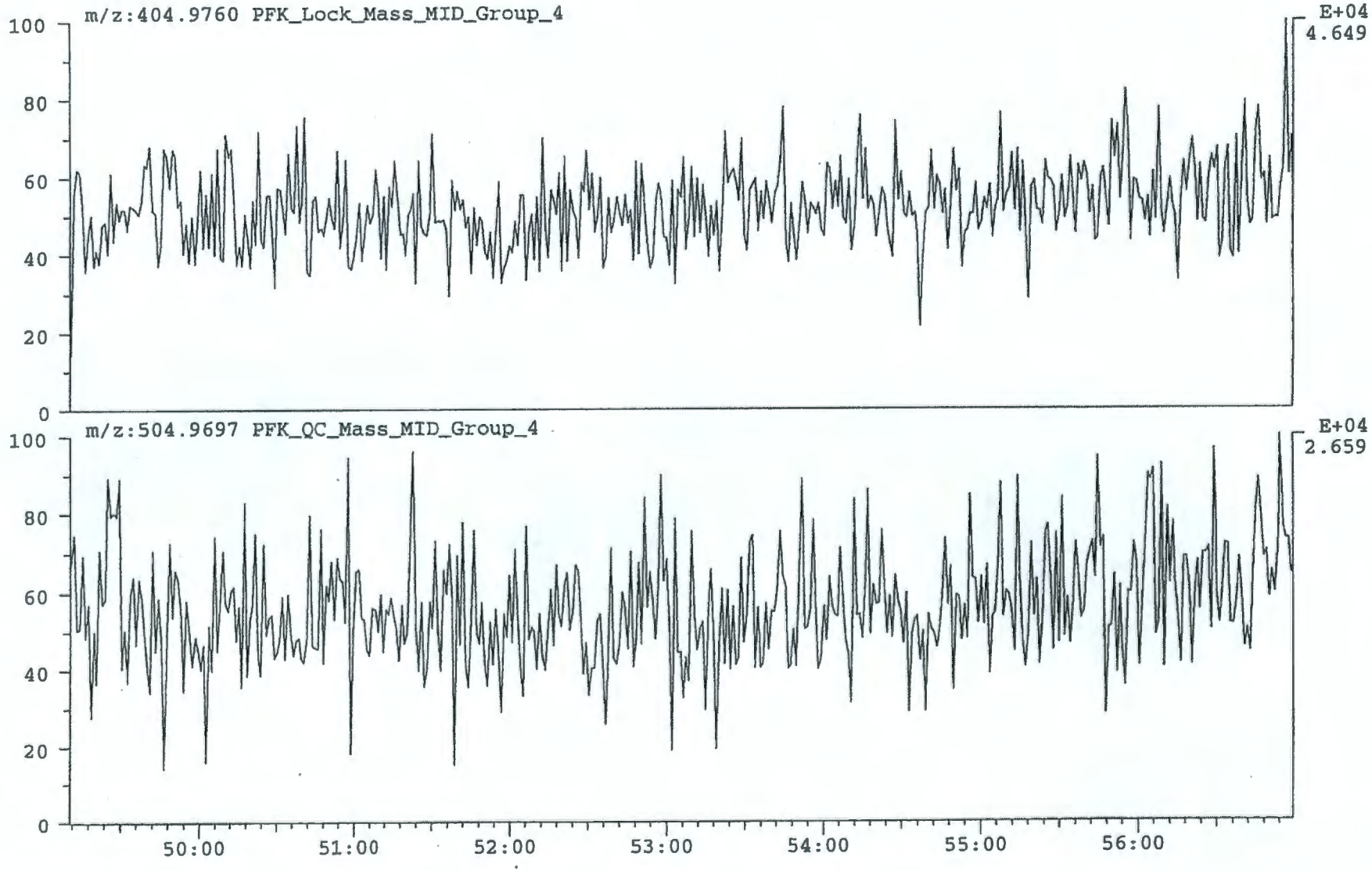


2777

CHRO: apj64jxs 28-Sep-07 Elapse: 56:11 2555
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 1414 > 2154 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



CHRO: apj64jxs 28-Sep-07 Elapse: 56:11 2555
Samp: Vial 36 WO=j64jx1ac Meth=IE5 Dil=1 Start : 20:17:07 2602
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 36
Peak: 100.00 ppm Label wndw: 2157 > 2600 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: apj64jxs
Study: 7264161 (10.0g)
Sample: WO=j64jx1ac Meth=IE5 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: H7I180256-002S
Comments: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Injected volume: 2.00
Sample from Vial 36
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 5 of list 070928
ICL procedure: sleep7x
MID procedure: epa1668

MID Remarks: EPA 1668 - 209 PCBs- 2m/z's - 6/29/05

Mid Set Up Parameter:

Measure/lock ratio	1
Damping Relay	FALSE
Width first lock	0.10 amu
Electric jump time	10 ms
Magnetic jump time	60 ms
Offset	75 cts
Electric range	300 %
Sweep peak width	3.00
MID mode	Lock mode
Acq mode	Cent mode

Mid Time Windows:

	Start	Measure	End	Cycletime
# 1	11:00 min	11:00 min	22:00 min	1.00 sec
# 2	22:00 min	13:55 min	35:55 min	1.00 sec
# 3	35:55 min	13:10 min	49:05 min	1.00 sec
# 4	49:05 min	7:55 min	57:00 min	1.00 sec

Mid Masses:
Window # 1

mass	F	int	gr	time (ms)
180.9888	l	10	1	4.10
188.0393		1	1	47.79
190.0363		1	1	47.79
200.0795		1	1	47.79
202.0766		1	1	47.79
222.0003		1	1	47.79
223.9974		1	1	47.79
234.0406		1	1	47.79
236.0376		1	1	47.79
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
269.9986		1	1	47.79
280.9824	c	10	1	4.10
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79

Window # 2

mass	F	int	gr	time (ms)
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
268.9824	1	10	1	4.10
269.9986		1	1	47.79
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
380.9760	c	10	1	4.10

Window # 3

mass	F	int	gr	time (ms)
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
342.9792	1	10	1	4.10
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
393.8025		1	1	47.79
395.7995		1	1	47.79
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
430.9728	c	10	1	4.10
439.8038		1	1	47.79
441.8008		1	1	47.79

Window # 4

mass	F	int	gr	time (ms)
393.8025		1	1	47.79
395.7995		1	1	47.79
404.9760	1	10	1	4.10
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
439.8038		1	1	47.79
441.8008		1	1	47.79
461.7246		1	1	47.79
463.7216		1	1	47.79
473.7648		1	1	47.79
475.7619		1	1	47.79
495.6856		1	1	47.79
497.6826		1	1	47.79
504.9697	c	10	1	4.10
507.7258		1	1	47.79
509.7229		1	1	47.79

Auto Sampler descriptor: 2ul
Normal Injection
Injector A
Slvnt A cln before inj (K): 3 times
Slvnt B cln before inj (L): 0 times

Sample rinse cycles	(R):	0	times
Syringe filling volume	(F):	1.0	ul
Pullup delay time	(D):	4	sec
Sample pullup count	(P):	2	times
Sample pullup speed	(E):	5.0	ul/sec
Slvnt aftr pre inj cln	(U):	0.0	ul
Air after pre inj cln	(G):	2.0	ul
Sample volume	(V):	2.0	ul
Sample air volume	(A):	2.0	ul
Injection speed	(S):	10.0	ul/sec
Pre Inj. wait time	(W):	10	sec
Post Inj. hold time	(H):	3	sec
Solvent A clean cycles	(C):	15	times
Solvent B clean cycles	(B):	0	times
Loop clean w slvnt A	(LC):	0	times
Loop clean w slvnt B	(LB):	0	times
Standard sample volume	(X):	0.0	ul
Standard air volume	(Y):	0.0	ul
2nd Injection volume	(I):	0.0	ul
Air volume of 2nd inj	(J):	0.0	ul
Time btwn 2 injections	(T):	0	sec

GC descriptor : epa1668

Injector:	270 deg		270 deg max
Transfer Line:	280 deg		280 deg max
Column:	75 deg at	0.0 minutes	280 deg max
	75 deg at	2.0 minutes	
	150 deg at	7.0 minutes	
	270 deg at	55.0 minutes	
	270 deg at	57.0 minutes	

Inlet : Splitless mode
Purge time 1.5 min
Purge flow 40.0 ml/min
Gas saver is on
Saver time 3.0 min
Saver flow 15.0 ml/min
Column : Constant Flow 1.0 ml
Stabilize time 0.5 minutes

ICL Parameters

BCORRL	0.0150	BCORRS	0.0110	BCURR	16383.0000
BDEV	16383.0000	BFM	2.0000	BLM	1034.0919
BMASS	180.4888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.6706
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-16.9500
DRAWC	1.0000	DRAWS	-0.0050	ECORR	0.9991
ECURR	1.0000	EDAC	7969177.0000	EDACG	1.0003
EDACR	23.0000	EDACZ	-2255.0000	ELEN	56.3500
EMULT	2.3000	ENS	163.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	151.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	300.4808	FSLOPE	54000000.0000	FVANAL	302.0000
FVINLET	277.0000	FVSRC	964.0000	FWIN	0.7000
GCTC	210.0000	GCTI	270.0000	GCTL	280.0000
HACCU	208.0000	HCURR	1.4902	HVANAL	1337.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4774.1100	IST	271.3713
ISTC	0.0000	ISTCKP	5.0000	ISTCTD	1.0000
ISTCTN	2.0000	ISTCTS	60.0000	ISTCTV	3.0000
ISTS	270.0000	LENS	1401.0000	LENSS	71.8000
LKM	404.9760	LM	800.0000	LMASS	180.4888
LMII	500.0000	MASS	180.4888	MDAC	2343625.4487

MDACR	23.0000	MRANGE	1034.0919	MSFM	2.0000
MSLM	3790.0000	NPEAK	1.0000	NSAM	100.0000
NSCAN	2606.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-7.5000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10643.8302	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	3.0000	SCIDLE	1.0000	SHIELD	2456.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.8200	TCURR	0.7813
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UOFS	5.0000
URATIO	1.9800	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.4888	XLENS	2613.0000
XLENSS	-16.4000	YLENS	3698.0000	YLENSS	28.2000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 28-Sep-07 20:17:07.1

Autosampler has injected sample from vial 36
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 8406
MID Time Window 3: Resolution is 8573
MID Time Window 4: Resolution is 8803
Analysis stopped at: 28-Sep-07 21:14:10.5 (run time 57.04 minutes)
Analysis stopped because MID run finished

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
Total Monochlorobiphenyl		2074906	670722			12.698029		1.269803	B	0.00198
13C12-PCB 1	12:15	1335686	497796	1.318	10.00	5.128446	51.28	0.512845		0.000891
13C12-PCB 3	14:31	1228744	431341	1.325	10.00	4.690037	46.90	0.469004		0.000886
PCB 1 (BZ)	12:16	742317	288745	1.253	5.000	4.435887	88.72	0.443589	B	0.000625
PCB 2 (BZ)	14:18	675080	179802	1.226	5.000	4.293173	85.86	0.429317	B	0.000685
PCB 3 (BZ)	14:32	657509	202175	1.348	5.000	3.968969	79.38	0.396897		0.000671
Total Dichlorobiphenyl		8248749	2071386			53.732375		5.373238	B	0.0217
13C12-PCB 4	14:47	799800	242628	0.615	10.00	6.580894	65.81	0.658089		0.00115
13C12-PCB 9	16:44	1976557	585605	1.000	10.00	10.000000	100.00	1.000000		0.000709
13C12-PCB 8				1.332	5.000			ND		0.00114
13C12-PCB 15	20:47	1366978	301709	1.065	10.00	6.495151	64.95	0.649515		0.000666
PCB 4 (BZ)	14:48	417173	128495	1.212	5.000	4.305163	86.10	0.430516	B	0.00255
PCB 10 (BZ)	14:56	655060	198777	1.326	5.000	4.561265	91.23	0.456127	B	0.00208
PCB 9 (BZ)	16:45	712091	215650	1.445	5.000	4.547825	90.96	0.454783	B	0.00191
PCB 7 (BZ)	16:55	713253	197494	1.432	5.000	4.598424	91.97	0.459842	B	0.00192
PCB 6 (BZ)	17:12	727101	200145	1.450	5.000	4.628154	92.56	0.462815	B	0.00190
PCB 5 (BZ)	17:32	648535	174911	1.356	5.000	4.415007	88.30	0.441501	B	0.00203
PCB 8 (BZ)	17:38	716361	192377	1.477	5.000	4.477263	89.55	0.447726	B	0.00187
PCB 14 (BZ)	19:13	871651	202672	1.687	5.000	4.767912	95.36	0.476791	B	0.00163
PCB 11 (BZ)	20:08	718189	151112	1.448	5.000	4.579068	91.58	0.457907	B	0.00190
PCB 13 (BZ)		1381664		1.454	10.00	8.771482	87.71	0.877148	BC12	0.00190
PCB 12 (BZ)	20:28	1381664	260311	1.454	10.00	8.771482	87.71	0.877148	BC	0.00190
PCB 15 (BZ)	20:48	687671	149442	1.233	5.000	4.080811	81.62	0.408081	B	0.00202
Total Trichlorobiphenyl		17634869	3174897			116.383405		11.638341	B	0.0397
13C12-PCB 19	17:58	622682	158150	0.558	10.00	7.084127	70.84	0.708413		0.00348
13C12-PCB 32	21:13	1574265	375214	1.000	10.00	10.000000	100.00	1.000000		0.00195
13C12-PCB 31	23:28	2201384	495154	1.000	10.00	10.000000	100.00	1.000000		0.00147
13C12-PCB 28	23:45	1597845	343033	0.968	10.00	7.499408	74.99	0.749941		0.00152
13C12-PCB 37	27:52	1451614	275493	0.885	10.00	7.448832	74.49	0.744883		0.00167
PCB 19 (BZ)	17:59	367761	94567	1.178	5.000	5.014998	100.30	0.501500		0.00298
PCB 30 (BZ)	19:41	622234	162320	1.874	5.000	5.331236	106.62	0.533124		0.00187
PCB 18 (BZ)	19:50	449933	110277	1.262	5.000	5.724909	114.50	0.572491	B	0.00278
PCB 17 (BZ)	20:14	449012	112952	1.326	5.000	5.438295	108.77	0.543830	B	0.00265
PCB 27 (BZ)	20:28	614344	145714	1.945	5.000	5.072218	101.44	0.507222		0.00180
PCB 24 (BZ)	20:36	572189	145010	1.782	5.000	5.156660	103.13	0.515666		0.00197
PCB 16 (BZ)	20:46	377016	89377	1.157	5.000	5.231596	104.63	0.523160		0.00303
PCB 32 (BZ)	21:15	655599	152620	1.966	5.000	5.354187	107.08	0.535419		0.00178
PCB 34 (BZ)	22:27	769462	179797	1.216	5.000	4.359300	87.19	0.435930	B	0.00166
PCB 23 (BZ)	22:34	806367	181680	1.208	5.000	4.599227	91.98	0.459923	B	0.00167
PCB 29 (BZ)	22:55	1651085	311931	1.265	10.00	8.993308	89.93	0.899331	BC26	0.00159
PCB 26 (BZ)		1651085		1.265	10.00	8.993308	89.93	0.899331	BC	0.00159
PCB 25 (BZ)	23:10	882394	185382	1.362	5.000	4.464567	89.29	0.446457	B	0.00148
PCB 31 (BZ)	23:29	1056961	236414	1.285	5.000	5.664443	113.29	0.566444	B	0.00157
PCB 28 (BZ)	23:47	1739443	218462	1.238	10.00	9.676721	96.77	0.967672	BC20	0.00163
PCB 20 (BZ)		1739443		1.238	10.00	9.676721	96.77	0.967672	BC	0.00163
PCB 21 (BZ)		1783899		1.276	10.00	9.633881	96.34	0.963388	BC	0.00158
PCB 33 (BZ)	24:04	1783899	193679	1.276	10.00	9.633881	96.34	0.963388	BC21	0.00158
PCB 22 (BZ)	24:30	797845	179634	1.218	5.000	4.511872	90.24	0.451187	B	0.00165
PCB 36 (BZ)	25:57	814484	174652	1.286	5.000	4.363809	87.28	0.436381		0.00157

DCG 10/1/07 BKW 10/1/07 10/1/07

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 39 (BZ)	26:20	860197	173887	1.330	5.000	4.455294	89.11	0.445529		0.00151
PCB 38 (BZ)	26:55	791725	154485	1.246	5.000	4.377203	87.54	0.437720		0.00162
PCB 35 (BZ)	27:28	802879	142795	1.195	5.000	4.627080	92.54	0.462708		0.00169
PCB 37 (BZ)	27:54	770040	141193	1.224	5.000	4.332601	86.65	0.433260		0.00165
Total Tetrachlorobiphenyl		34520487	4654851			251.650919		25.165092	B	0.0753
13C12-PCB 54	21:07	693885	166764	0.598	10.00	7.375949	73.76	0.737595		0.00114
13C12-PCB 52	25:36	1260383	285134	1.000	10.00	10.000000	100.00	1.000000		0.000894
13C12-PCB 79				1.089	5.000			ND		0.00109
13C12-PCB 81	34:35	1201469	221208	1.286	10.00	7.410182	74.10	0.741018		0.000695
13C12-PCB 77	35:12	1206678	208480	1.297	10.00	7.380521	73.81	0.738052		0.000689
PCB 54 (BZ)	21:09	417596	102485	1.211	5.000	4.969341	99.39	0.496934		0.00272
PCB 50 (BZ)	23:16	1009135	121766	0.927	10.00	9.042787	90.43	0.904279	C	0.00276
PCB 53 (BZ)		1009135		0.927	10.00	9.042787	90.43	0.904279	C50	0.00276
PCB 45 (BZ)	23:59	962477	200583	0.857	10.00	9.325115	93.25	0.932512	BC	0.00299
PCB 51 (BZ)		962477		0.857	10.00	9.325115	93.25	0.932512	BC45	0.00299
PCB 46 (BZ)	24:19	396967	86958	0.706	5.000	4.667603	93.35	0.466760		0.00362
PCB 52 (BZ)	25:37	1179458	274512	0.926	5.000	10.579099	211.58	1.057910	B	0.00276
PCB 73 (BZ)	25:43	1086011	153606	0.957	10.00	9.421246	94.21	0.942125	C43	0.00267
PCB 43 (BZ)		1086011		0.957	10.00	9.421246	94.21	0.942125	C	0.00267
PCB 69 (BZ)	25:57	646102	145505	1.180	5.000	4.545636	90.91	0.454564		0.00217
PCB 49 (BZ)	26:06	915833	197387	1.005	5.000	7.565771	151.32	0.756577	B	0.00255
PCB 48 (BZ)	26:21	505829	112898	0.886	5.000	4.741717	94.83	0.474172		0.00289
PCB 65 (BZ)	26:36	1891248	260637	1.024	15.00	15.342897	102.29	1.534290	BC44	0.00250
PCB 47 (BZ)		1891248		1.024	15.00	15.342897	102.29	1.534290	BC44	0.00250
PCB 44 (BZ)		1891248		1.024	15.00	15.342897	102.29	1.534290	BC	0.00250
PCB 62 (BZ)	26:52	2178698	256729	1.297	15.00	13.956028	93.04	1.395603	BC59	0.00197
PCB 75 (BZ)		2178698		1.297	15.00	13.956028	93.04	1.395603	BC59	0.00197
PCB 59 (BZ)		2178698		1.297	15.00	13.956028	93.04	1.395603	BC	0.00197
PCB 42 (BZ)	27:11	510600	107441	0.860	5.000	4.933315	98.67	0.493332		0.00298
PCB 41 (BZ)	27:35	395350	90883	0.723	5.000	4.539132	90.78	0.453913		0.00354
PCB 71 (BZ)	27:42	1106501	162048	0.953	10.00	9.640312	96.40	0.964031	C40	0.00269
PCB 40 (BZ)		1106501		0.953	10.00	9.640312	96.40	0.964031	C	0.00269
PCB 64 (BZ)	27:53	1259643	273155	1.313	5.000	7.967646	159.35	0.796765		0.00195
PCB 72 (BZ)	28:37	724584	157692	1.257	5.000	4.787027	95.74	0.478703		0.00204
PCB 68 (BZ)	28:54	727187	152179	1.327	5.000	4.550664	91.01	0.455066		0.00193
PCB 57 (BZ)	29:21	696884	145830	1.194	5.000	4.847242	96.94	0.484724		0.00214
PCB 58 (BZ)	29:38	698598	142674	1.260	5.000	4.605990	92.12	0.460599		0.00203
PCB 67 (BZ)	29:45	770492	153965	1.286	5.000	4.974429	99.49	0.497443		0.00199
PCB 63 (BZ)	30:01	868267	185459	1.339	5.000	5.386706	107.73	0.538671		0.00191
PCB 61 (BZ)	30:15	590730	133882	1.190	5.000	4.122285	82.45	0.412229		0.00215
PCB 70 (BZ)		4713432		1.317	15.00	29.721648	198.14	2.972165	BC	0.00194
PCB 76 (BZ)	30:24	4713432	961328	1.317	15.00	29.721648	198.14	2.972165	BC70	0.00194
PCB 74 (BZ)		4713432		1.317	15.00	29.721648	198.14	2.972165	BC70	0.00194
PCB 66 (BZ)	30:43	3817364	754505	1.289	5.000	24.590884	491.82	2.459088	B	0.00199
PCB 55 (BZ)	30:57	715859	134579	1.161	5.000	5.122958	102.46	0.512296		0.00221
PCB 56 (BZ)	31:29	852212	175373	1.231	5.000	5.750231	115.00	0.575023		0.00208
PCB 60 (BZ)	31:40	1211434	240458	1.191	5.000	8.447897	168.96	0.844790		0.00215
PCB 80 (BZ)	31:54	862530	161876	1.416	5.000	5.058705	101.17	0.505871		0.00181
PCB 79 (BZ)	33:32	745922	140763	1.371	5.000	4.519482	90.39	0.451948		0.00187

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 78 (BZ)	34:07	667261	128445	1.181	5.000	4.691317	93.83	0.469132		0.00217
PCB 81 (BZ)	34:36	693675	133092	1.317	5.000	4.382331	87.65	0.438233		0.00189
PCB 77 (BZ)	35:13	702608	122272	1.200	5.000	4.853480	97.07	0.485348		0.00220
Total Pentachlorobiphenyl		38369019	5077595			322.594869		32.259487	BQ	0.102
13C12-PCB 104	26:30	1108058	243641	1.260	10.00	7.408279	74.08	0.740828		0.00110
13C12-PCB 95				0.741	5.000			ND		0.00183
13C12-PCB 101	32:23	1187298	238885	1.000	10.00	10.000000	100.00	1.000000		0.00138
13C12-PCB 111	34:59	1171159	239361	1.229	10.00	8.026038	80.26	0.802604		0.00112
13C12-PCB 123	37:02	1337605	266303	0.955	10.00	7.582046	75.82	0.758205		0.00103
13C12-PCB 118	37:21	1451858	283686	0.988	10.00	7.950629	79.51	0.795063		0.000998
13C12-PCB 114	37:53	1326339	253613	0.971	10.00	7.392413	73.92	0.739241		0.00102
13C12-PCB 105	38:38	1305498	261549	0.941	10.00	7.504926	75.05	0.750493		0.00105
13C12-PCB 127	39:58	1848241	334687	1.000	10.00	10.000000	100.00	1.000000		0.000986
13C12-PCB 126	41:42	1291080	224199	0.978	10.00	7.143859	71.44	0.714386		0.00101
PCB 104 (BZ)	26:32	581729	130951	1.149	5.000	4.567250	91.34	0.456725		0.00262
PCB 96 (BZ)	27:03	516146	113886	1.014	5.000	4.595952	91.92	0.459595		0.00297
PCB 103 (BZ)	28:46	446119	93158	0.866	5.000	4.647114	92.94	0.464711		0.00347
PCB 94 (BZ)	29:05	390521	82791	0.703	5.000	5.014770	100.30	0.501477		0.00428
PCB 95 (BZ)	29:35	1142838	207053	0.859	10.00	12.010725	120.11	1.201073	BC	0.00350
PCB 100 (BZ)		1142838		0.859	10.00	12.010725	120.11	1.201073	BC95	0.00350
PCB 93 (BZ)	29:45	380181	82899	0.701	5.000	4.891525	97.83	0.489152		0.00429
PCB 102 (BZ)	29:53	877568	116089	0.822	10.00	9.631952	96.32	0.963195	C98	0.00366
PCB 98 (BZ)		877568		0.822	10.00	9.631952	96.32	0.963195	C	0.00366
PCB 88 (BZ)	30:16	384862	79569	0.723	5.000	4.804527	96.09	0.480453		0.00416
PCB 91 (BZ)	30:24	496082	98698	0.864	5.000	5.183100	103.66	0.518310		0.00348
PCB 84 (BZ)	30:43	370063	80917	0.679	5.000	4.915992	98.32	0.491599		0.00443
PCB 89 (BZ)	31:10	381959	78079	0.717	5.000	4.805874	96.12	0.480587		0.00419
PCB 121 (BZ)	31:20	613662	124946	1.105	5.000	5.011718	100.23	0.501172		0.00272
PCB 92 (BZ)	31:49	709675	151504	0.772	5.000	8.292452	165.85	0.829245		0.00389
PCB 113 (BZ)	32:23	2826090	528210	0.990	15.00	25.772072	171.81	2.577207	BC90	0.00304
PCB 90 (BZ)		2826090		0.990	15.00	25.772072	171.81	2.577207	BC	0.00304
PCB 101 (BZ)		2826090		0.990	15.00	25.772072	171.81	2.577207	BC90	0.00304
PCB 83 (BZ)	32:56	1677570	339636	0.777	10.00	19.493569	194.94	1.949357	C	0.00387
PCB 99 (BZ)		1677570		0.777	10.00	19.493569	194.94	1.949357	C83	0.00387
PCB 112 (BZ)	33:07	613440	125607	1.079	5.000	5.131039	102.62	0.513104		0.00279
PCB 109 (BZ)/108 (IUPAC)	33:26	3790595	265362	0.967	30.00	35.384666	117.95	3.538467	BC86	0.00311
PCB 86 (BZ)		3790595		0.967	30.00	35.384666	117.95	3.538467	BC	0.00311
PCB 119 (BZ)		3790595		0.967	30.00	35.384666	117.95	3.538467	BC86	0.00311
PCB 97 (BZ)		3790595		0.967	30.00	35.384666	117.95	3.538467	BC86	0.00311
PCB 125 (BZ)		3790595		0.967	30.00	35.384666	117.95	3.538467	BC86	0.00311
PCB 87 (BZ)		3790595		0.967	30.00	35.384666	117.95	3.538467	BC86	0.00311
PCB 117 (BZ)		2150417		0.979	15.00	19.820668	132.14	1.982067	C85	0.00307
PCB 116 (BZ)	34:17	2150417	192138	0.979	15.00	19.820668	132.14	1.982067	C85	0.00307
PCB 85 (BZ)		2150417		0.979	15.00	19.820668	132.14	1.982067	C	0.00307
PCB 110 (BZ)	34:27	2965944	575012	1.139	10.00	23.505967	235.06	2.350597	BC	0.00264
PCB 115 (BZ)		2965944		1.139	10.00	23.505967	235.06	2.350597	BC110	0.00264
PCB 82 (BZ)	34:50	344391	73253	0.605	5.000	5.140403	102.81	0.514040		0.00497
PCB 111 (BZ)	35:00	625098	122124	1.129	5.000	4.997918	99.96	0.499792		0.00266
PCB 120 (BZ)	35:27	609146	120452	1.192	5.000	4.611324	92.23	0.461132		0.00252

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 124 (BZ)		1451116		1.123	10.00	9.621176	96.21	0.962118	C108	0.00253
PCB 108 (BZ)/107 (IUPAC)	36:42	1451116	283211	1.123	10.00	9.621176	96.21	0.962118	C	0.00253
PCB 107 (BZ)/109 (IUPAC)	36:55	1012856	206766	1.074	5.000	7.024094	140.48	0.702409		0.00264
PCB 123 (BZ)	37:03	757950	155623	1.136	5.000	4.988015	99.76	0.498802		0.00242
PCB 106 (BZ)	37:10	579474	121050	1.046	5.000	4.126407	82.53	0.412641		0.00272
PCB 118 (BZ)	37:22	5933609	1171399	1.094	5.000	37.367467	747.35	3.736747	B	0.00236
PCB 122 (BZ)	37:47	643467	132986	1.047	5.000	4.575997	91.52	0.457600		0.00271
PCB 114 (BZ)	37:56	830112	161140	1.196	5.000	5.232532	104.65	0.523253		0.00241
PCB 105 (BZ)	38:39	3018237	566414	1.218	5.000	18.979497	379.59	1.897950		0.00230
PCB 127 (BZ)	40:00	659011	121210	1.130	5.000	4.342272	86.85	0.434227		0.00251
PCB 126 (BZ)	41:44	589091	100108	1.111	5.000	4.106837	82.14	0.410684	Q	0.00294
Total Hexachlorobiphenyl		33764975	5541338			307.850132		30.785013	B	0.145
13C12-PCB 155	31:59	1196386	258273	1.178	10.00	8.554580	85.55	0.855458		0.00108
13C12-PCB 153				0.833	5.000			ND		0.00220
13C12-PCB 138	40:28	1379641	265158	1.000	10.00	10.000000	100.00	1.000000		0.00115
13C12-PCB 167	43:24	1234418	246650	1.237	10.00	7.235240	72.35	0.723524		0.000930
13C12-PCB 156	44:42	2557250	258235	1.229	20.00	15.084206	75.42	1.508421		0.000936
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:59	893636	160516	1.188	10.00	5.454224	54.54	0.545422		0.000969
PCB 155 (BZ)	32:02	605493	126243	1.117	5.000	4.530642	90.61	0.453064		0.00260
PCB 152 (BZ)	32:26	560830	121010	1.023	5.000	4.580984	91.62	0.458098		0.00284
PCB 150 (BZ)	32:31	571661	121835	1.032	5.000	4.628715	92.57	0.462871		0.00281
PCB 136 (BZ)	33:03	592083	125492	0.967	5.000	5.120173	102.40	0.512017		0.00300
PCB 145 (BZ)	33:14	563850	114942	1.021	5.000	4.618174	92.36	0.461817		0.00285
PCB 148 (BZ)	34:36	417892	84931	0.749	5.000	4.663571	93.27	0.466357		0.00388
PCB 151 (BZ)	35:24	1568262	157958	0.781	15.00	16.794676	111.96	1.679468	C135	0.00372
PCB 135 (BZ)		1568262		0.781	15.00	16.794676	111.96	1.679468	C	0.00372
PCB 154 (BZ)		1568262		0.781	15.00	16.794676	111.96	1.679468	C135	0.00372
PCB 144 (BZ)	35:51	459739	87634	0.759	5.000	5.065187	101.30	0.506519		0.00383
PCB 147 (BZ)	36:12	1208259	203105	0.862	10.00	11.969949	119.70	1.196995	BC	0.00523
PCB 149 (BZ)		1208259		0.862	10.00	11.969949	119.70	1.196995	BC147	0.00523
PCB 134 (BZ)	36:33	893221	103140	0.711	10.00	10.718718	107.19	1.071872	C	0.00634
PCB 143 (BZ)		893221		0.711	10.00	10.718718	107.19	1.071872	C134	0.00634
PCB 139 (BZ)	36:47	1074973	158997	0.856	10.00	10.725079	107.25	1.072508	C	0.00527
PCB 140 (BZ)		1074973		0.856	10.00	10.725079	107.25	1.072508	C139	0.00527
PCB 131 (BZ)	37:03	412727	81298	0.713	5.000	4.938495	98.77	0.493849		0.00632
PCB 142 (BZ)	37:11	430935	87542	0.735	5.000	5.005705	100.11	0.500571		0.00613
PCB 132 (BZ)	37:34	497500	96641	0.710	5.000	5.980505	119.61	0.598050		0.00635
PCB 133 (BZ)	37:55	500320	96689	0.768	5.000	5.559030	111.18	0.555903		0.00587
PCB 165 (BZ)	38:17	604251	121812	0.993	5.000	5.196017	103.92	0.519602		0.00454
PCB 146 (BZ)	38:33	986613	201134	0.874	5.000	9.640746	192.81	0.964075		0.00516
PCB 161 (BZ)	38:40	685821	131991	1.090	5.000	5.373355	107.47	0.537335		0.00414
PCB 153 (BZ)	39:08	5188545	954608	1.068	10.00	41.457768	414.58	4.145777	BC	0.00422
PCB 168 (BZ)		5188545		1.068	10.00	41.457768	414.58	4.145777	BC153	0.00422
PCB 141 (BZ)	39:25	731477	138499	0.756	5.000	8.262866	165.26	0.826287		0.00597
PCB 130 (BZ)	39:51	510539	100906	0.708	5.000	6.152404	123.05	0.615240		0.00636
PCB 137 (BZ)	40:02	652616	128281	0.835	5.000	6.671893	133.44	0.667189		0.00540
PCB 164 (BZ)	40:12	786871	158677	1.033	5.000	6.502030	130.04	0.650203		0.00436
PCB 138 (BZ)	40:29	6222293	1011738	0.922	20.00	57.614161	288.07	5.761416	BC129	0.00489

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	N1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 163 (BZ)		6222293		0.922	20.00	57.614161	288.07	5.761416	BC129	0.00489
PCB 129 (BZ)		6222293		0.922	20.00	57.614161	288.07	5.761416	BC	0.00489
PCB 160 (BZ)		6222293		0.922	20.00	57.614161	288.07	5.761416	BC129	0.00489
PCB 158 (BZ)	40:50	1065490	200017	1.191	5.000	7.636484	152.73	0.763648		0.00378
PCB 166 (BZ)	41:40	694106	132775	1.102	5.000	5.376431	107.53	0.537643		0.00409
PCB 128 (BZ)	41:50	1088664	203890	0.769	5.000	12.088637	241.77	1.208864		0.00586
PCB 159 (BZ)	42:39	663706	124617	1.079	5.000	5.250359	105.01	0.525036		0.00418
PCB 162 (BZ)	42:58	676069	124022	1.079	5.000	5.349856	107.00	0.534986		0.00418
PCB 167 (BZ)	43:26	742434	145907	1.150	5.000	5.228893	104.58	0.522889		0.00264
PCB 156 (BZ)	44:38	1584949	167635	1.151	10.00	10.773053	107.73	1.077305	C	0.00505
PCB 157 (BZ)		1584949		1.151	10.00	10.773053	107.73	1.077305	C156	0.00505
PCB 169 (BZ)	48:00	522786	88435	1.337	5.000	4.375577	87.51	0.437558		0.00349
Total Heptachlorobiphenyl		12770899	2016672			134.987463		13.498746		0.0702
13C12-PCB 188	37:43	1262521	258348	1.238	10.00	10.236146	102.36	1.023615		0.00158
13C12-PCB 178	40:49	827105	170584	0.863	10.00	9.619888	96.20	0.961989		0.00226
13C12-PCB 180	45:57	996170	154965	1.000	10.00	10.000000	100.00	1.000000		0.00195
13C12-PCB 170	47:22	575180	79460	0.813	10.00	7.097837	70.98	0.709784		0.00240
13C12-PCB 189	50:29	988668	159259	1.620	10.00	8.571152	85.71	0.857115		0.00160
PCB 188 (BZ)	37:45	615359	130289	1.071	5.000	4.552503	91.05	0.455250		0.00193
PCB 179 (BZ)	38:14	630314	125397	1.200	5.000	5.717270	114.35	0.571727		0.00263
PCB 184 (BZ)	38:35	576690	117134	1.178	5.000	5.326526	106.53	0.532653		0.00268
PCB 176 (BZ)	39:05	634079	127476	1.252	5.000	5.512020	110.24	0.551202		0.00252
PCB 186 (BZ)	39:34	592885	120309	1.214	5.000	5.313613	106.27	0.531361		0.00260
PCB 178 (BZ)	40:50	493094	94394	0.889	5.000	6.034174	120.68	0.603417		0.00354
PCB 175 (BZ)	41:27	462930	95363	0.920	5.000	5.475615	109.51	0.547562		0.00343
PCB 187 (BZ)	41:44	774105	157733	1.009	5.000	8.351026	167.02	0.835103		0.00313
PCB 182 (BZ)	41:54	505165	92460	0.972	5.000	5.656723	113.13	0.565672		0.00324
PCB 183 (BZ)	42:19	610986	123233	0.946	5.000	7.027816	140.56	0.702782		0.00333
PCB 185 (BZ)	42:29	468403	91704	0.919	5.000	5.547574	110.95	0.554757		0.00343
PCB 174 (BZ)	42:41	451560	85298	0.924	5.000	5.318358	106.37	0.531836		0.00341
PCB 177 (BZ)	43:07	456859	84518	0.880	5.000	5.653265	113.07	0.565326		0.00358
PCB 181 (BZ)	43:27	427561	81943	0.975	5.000	4.773795	95.48	0.477380		0.00323
PCB 171 (BZ)		831169		0.835	10.00	10.832783	108.33	1.083278	C	0.00378
PCB 173 (BZ)	43:44	831169	157900	0.835	10.00	10.832783	108.33	1.083278	C171	0.00378
PCB 172 (BZ)	45:18	416630	76986	0.838	5.000	5.409489	108.19	0.540949		0.00376
PCB 192 (BZ)	45:34	530881	100221	1.147	5.000	5.035934	100.72	0.503593		0.00275
PCB 193 (BZ)	45:57	1313918	177017	1.134	10.00	12.609708	126.10	1.260971	C180	0.00278
PCB 180 (BZ)		1313918		1.134	10.00	12.609708	126.10	1.260971	C	0.00278
PCB 191 (BZ)	46:21	462921	68000	1.228	5.000	4.103461	82.07	0.410346		0.00257
PCB 170 (BZ)	47:24	427130	61572	1.058	5.000	7.021556	140.43	0.702156		0.00634
PCB 190 (BZ)	47:52	592225	103332	1.254	5.000	5.141622	102.83	0.514162		0.00251
PCB 189 (BZ)	50:31	496035	79310	1.097	5.000	4.572631	91.45	0.457263		0.00305
Total Octachlorobiphenyl		4851200	870603			53.390754		5.339075		0.0240
13C12-PCB 202	43:06	1072081	203979	0.994	10.00	10.829339	108.29	1.082934		0.00146
13C12-PCB 194	52:35	711826	116833	1.000	10.00	10.000000	100.00	1.000000		0.00193
13C12-PCB 205	53:04	824959	149878	1.407	10.00	8.238373	82.38	0.823837		0.00137
PCB 202 (BZ)	43:07	502822	99520	0.993	5.000	4.724573	94.49	0.472457		0.00178
PCB 200 (BZ)/201 (IUPAC)	44:02	460524	85059	1.087	5.000	3.951877	79.04	0.395188		0.00162
PCB 204 (BZ)	44:40	504626	101108	1.033	5.000	4.555324	91.11	0.455532		0.00171

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	9/28/2007	Matrix	BIOLOGIC	Date Sampled	09/12/07
Analysis Time	21:18	Initial Wt/Vol	10.0	Lims Test Code	XXT4WIE01
Anal Exp Date	09/20/08	Extract Vol	100	Method	IE5
Instrument	M1D	Dil Factor	1.0	Code	IE5
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/g)		DL (ng/g)
PCB 197 (BZ)	44:55	520880	104462	1.061	5.000	4.577709	91.55	0.457771		0.00166
PCB 199 (BZ)/200 (IUPAC)	45:09	510874	97165	1.031	5.000	4.622474	92.45	0.462247		0.00171
PCB 198 (BZ)	47:57	635693	79951	0.761	10.00	7.793729	77.94	0.779373	C	0.00232
PCB 201 (BZ)/199 (IUPAC)		635693		0.761	10.00	7.793729	77.94	0.779373	C198	0.00232
PCB 196 (BZ)	48:36	288264	54311	0.752	5.000	3.575054	71.50	0.357505		0.00235
PCB 203 (BZ)	48:46	354037	64045	0.856	5.000	3.857912	77.16	0.385791		0.00206
PCB 195 (BZ)	50:14	345499	62917	0.723	5.000	5.796382	115.93	0.579638		0.00332
PCB 194 (BZ)	52:36	330927	50598	0.795	5.000	5.046567	100.93	0.504657		0.00302
PCB 205 (BZ)	53:05	397054	71467	0.984	5.000	4.889154	97.78	0.488915		0.00244
Total Nonachlorobiphenyl		1063394	186834			13.868749		1.386875		0.00501
13C12-PCB 208	49:49	801112	135327	1.161	10.00	9.693030	96.93	0.969303		0.00162
13C12-PCB 206	54:43	569579	114002	0.823	10.00	9.726518	97.27	0.972652		0.00229
PCB 208 (BZ)	49:52	386064	64865	1.026	5.000	4.695644	93.91	0.469564		0.00167
PCB 207 (BZ)	50:46	373234	65031	1.264	5.000	4.308377	86.17	0.430838		0.00148
PCB 206 (BZ)	54:44	304096	56938	1.097	5.000	4.864728	97.29	0.486473		0.00186
13C12-PCB 209	56:14	751719	136807	0.930	10.00	11.354094	113.54	1.135409		0.00232
PCB 209 (BZ)	56:15	374483	67424	1.006	5.000	4.953394	99.07	0.495339		0.00193

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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
188					188.0393	190.0363	188.0393	190.0363	2.66-3.60		
	Noise	00:00	00:00	0	223	168	89	67	1.33 *	/	
	PCB 1 (BZ)	12:16	12:16	0	566016	176301	219331	69414	3.21	ABB/ABB	
	PCB 2 (BZ)	14:18	14:19	-1	514284	160796	136249	43553	3.20	ABV/ABV	D
	PCB 3 (BZ)	14:32	14:29	3	497308	160201	153492	48683	3.10	AVB/AVB	
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	180	508	72	203	0.35 *	/	
	13C12-PCB 1	12:15	12:15	0	1023568	312118	377455	120341	3.28	AVV/AVV	
	13C12-PCB 3	14:31	14:28	3	934933	293811	327340	104001	3.18	ABV/AVV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	243	508	97	203	0.48 *	/	
	PCB 4 (BZ)	14:48	14:46	2	256207	160966	78153	50342	1.59	ABV/ABV	
	PCB 10 (BZ)	14:56	14:57	-1	393487	261573	123178	75599	1.50	AVV/AVB	
	PCB 9 (BZ)	16:45	16:44	1	428558	283533	130833	84817	1.51	ABV/AVV	
	PCB 7 (BZ)	16:55	16:53	2	437723	275530	122989	74505	1.59	AVV/AVB	
	PCB 6 (BZ)	17:12	17:10	2	444956	282145	122161	77984	1.58	AVB/ABB	
	PCB 5 (BZ)	17:32	17:29	3	394690	253845	109325	65586	1.55	ABV/ABV	
	PCB 8 (BZ)	17:38	17:37	1	444893	271468	120493	71884	1.64	AVB/AVB	
	PCB 14 (BZ)	19:13	19:12	1	541690	329961	125553	77119	1.64	ABV/AVV	
	PCB 11 (BZ)	20:08	20:07	1	446801	271388	97191	53921	1.65	ABV/ABB	
	PCB 12 (BZ)	20:28	20:26	2	855098	526566	159901	100410	1.62	AVV/ABB	
	PCB 15 (BZ)	20:48	20:44	4	427253	260418	93226	56216	1.64	AVB/ABB	
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	238	178	95	71	1.34	/	
	13C12-PCB 4	14:47	14:45	2	491470	308330	149132	93496	1.59	AVV/ABV	
	13C12-PCB 9	16:44	16:42	2	1216701	759856	357189	228416	1.60	ABV/ABV	
	13C12-PCB 15	20:47	20:44	3	851832	515146	183601	118108	1.65	ABV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	273	283	109	113	0.96	/	
	PCB 19 (BZ)	17:59	17:58	1	188267	179494	48527	46040	1.05	ABB/ABV	
	PCB 30 (BZ)	19:41	19:41	0	316645	305589	83211	79109	1.04	ABV/ABV	
	PCB 18 (BZ)	19:50	19:48	2	228954	220979	56313	53964	1.04	AVB/AVB	
	PCB 17 (BZ)	20:14	20:13	1	227225	221787	57673	55279	1.02	ABV/ABV	
	PCB 27 (BZ)	20:28	20:28	0	316581	297763	74141	71573	1.06	AVV/AVV	
	PCB 24 (BZ)	20:36	20:34	2	289657	282532	73129	71881	1.03	AVV/AVV	
	PCB 16 (BZ)	20:46	20:44	2	188402	188614	45122	44255	1.00	AVB/AVB	
	PCB 32 (BZ)	21:15	21:14	1	331534	324065	76192	76428	1.02	ABB/ABB	
	PCB 34 (BZ)	22:27	22:28	-1	391782	377680	91717	88080	1.04	ABV/ABV	
	PCB 23 (BZ)	22:34	22:35	-1	410575	395792	90100	91580	1.04	AVB/AVB	D
	PCB 29 (BZ)	22:55	22:55	0	842508	808577	158521	153410	1.04	ABV/ABV	
	PCB 25 (BZ)	23:10	23:09	1	451183	431211	93606	91776	1.05	AVB/AVV	
	PCB 31 (BZ)	23:29	23:30	-1	538227	518734	121921	114493	1.04	ABV/AVV	
	PCB 28 (BZ)	23:47	23:46	1	883680	855763	109923	108539	1.03	AVV/AVV	
	PCB 33 (BZ)	24:04	24:04	0	900607	883292	96932	96747	1.02	AVV/AVV	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside ccmax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	PCB 22 (BZ)	24:30	24:28	2	406941	390904	90116	89518	1.04	ABB/ABB	
	PCB 36 (BZ)	25:57	25:59	-2	411075	403409	86669	87983	1.02	AVV/AVV	
	PCB 39 (BZ)	26:20	26:20	0	434182	426015	87231	86656	1.02	AVV/AVV	
	PCB 38 (BZ)	26:55	26:56	-1	404369	387356	80357	74128	1.04	AVV/ABV	
	PCB 35 (BZ)	27:28	27:27	1	412444	390435	73801	68994	1.06	ABV/ABV	
	PCB 37 (BZ)	27:54	27:52	2	387234	382806	73796	67397	1.01	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	410	320	164	128	1.28 *	/	
	13C12-PCB 19	17:58	17:56	2	327140	295542	81874	76276	1.11	AVV/ABV	
	13C12-PCB 32	21:13	21:12	1	820911	753354	196666	178548	1.09	AVV/ABV	
	13C12-PCB 31	23:28	23:28	0	1134974	1066410	252940	242214	1.06	ABV/ABV	
	13C12-PCB 28	23:45	23:45	0	823183	774662	176889	166144	1.06	AVV/AVV	
	13C12-PCB 37	27:52	27:50	2	740044	711570	138715	136778	1.04	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	258	293	103	117	0.88	/	
	PCB 54 (BZ)	21:09	21:06	3	188875	228721	45801	56684	0.83	ABB/ABV	
	PCB 50 (BZ)	23:16	23:14	2	438168	570967	52908	68858	0.77	ABV/ABV	
	PCB 45 (BZ)	23:59	23:57	2	424523	537954	88852	111731	0.79	ABV/AVV	
	PCB 46 (BZ)	24:19	24:18	1	171967	225000	37197	49761	0.76	AVV/AVV	
	PCB 52 (BZ)	25:37	25:38	-1	523533	655925	122237	152275	0.80	MBV/MVV	D
	PCB 73 (BZ)	25:43	25:45	-2	470024	615987	67300	86306	0.76	MVV/MVV	D
	PCB 69 (BZ)	25:57	26:00	-3	284422	361680	61963	83542	0.79	AVV/AVV	D
	PCB 49 (BZ)	26:06	26:07	-1	398071	517762	85008	112379	0.77	AVB/AVB	
	PCB 48 (BZ)	26:21	26:23	-2	215244	290585	48831	64067	0.74	ABV/ABV	D
	PCB 65 (BZ)	26:36	26:36	0	829999	1061249	112711	147926	0.78	AVV/AVV	
	PCB 62 (BZ)	26:52	26:52	0	947275	1231423	113607	143122	0.77	AVV/AVV	
	PCB 42 (BZ)	27:11	27:11	0	219987	290613	45677	61764	0.76	AVB/AVB	
	PCB 41 (BZ)	27:35	27:36	-1	175476	219874	40452	50431	0.80	ABV/ABV	
	PCB 71 (BZ)	27:42	27:41	1	486415	620086	71125	90923	0.78	AVV/AVV	
	PCB 64 (BZ)	27:53	27:53	0	551766	707877	122860	150295	0.78	AVB/AVB	D
	PCB 72 (BZ)	28:37	28:41	-4	314945	409639	66999	90693	0.77	ABV/ABV	M
	PCB 68 (BZ)	28:54	28:56	-2	312567	414620	65571	86608	0.75	AVB/AVB	
	PCB 57 (BZ)	29:21	29:23	-2	312023	384861	66057	79773	0.81	ABB/ABV	
	PCB 58 (BZ)	29:38	29:39	-1	301987	396611	61968	80706	0.76	ABV/AVV	
	PCB 67 (BZ)	29:45	29:46	-1	341180	429312	65620	88345	0.79	AVV/AVV	
	PCB 63 (BZ)	30:01	30:04	-3	380955	487312	81562	103897	0.78	AVB/AVB	
	PCB 61 (BZ)	30:15	30:17	-2	259615	331115	58418	75464	0.78	ABV/ABV	
	PCB 76 (BZ)	30:24	30:25	-1	2077724	2635708	424685	536643	0.79	AVB/AVB	
	PCB 66 (BZ)	30:43	30:45	-2	1686952	2130412	336974	417531	0.79	ABV/ABV	
	PCB 55 (BZ)	30:57	30:57	0	313978	401881	59820	74759	0.78	AVB/AVB	
	PCB 56 (BZ)	31:29	31:28	1	376533	475679	76891	98482	0.79	ABV/ABV	
	PCB 60 (BZ)	31:40	31:40	0	529871	681563	103916	136542	0.78	AVV/AVV	
	PCB 80 (BZ)	31:54	31:56	-2	390116	472414	70099	91777	0.83	AVB/AVB	D
	PCB 79 (BZ)	33:32	33:35	-3	326723	419199	63695	77068	0.78	AVV/ABV	

Notes:
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T = peaks outside cmax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	PCB 78 (BZ)	34:07	34:10	-3	292130	375131	58513	69932	0.78	AVV/ABV	
	PCB 81 (BZ)	34:36	34:37	-1	297441	396234	58023	75069	0.75	AVV/AVV	
	PCB 77 (BZ)	35:13	35:12	1	309432	393176	52281	69991	0.79	ABV/ABV	
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	128	128	51	51	1.00 *	/	
	13C12-PCB 54	21:07	21:05	2	311050	382835	74212	92552	0.81	ABV/ABV	
	13C12-PCB 52	25:36	25:37	-1	555058	705325	125297	159837	0.79	ABV/ABV	
	13C12-PCB 81	34:35	34:35	0	523327	678142	97065	124143	0.77	ABV/ABV	
	Unidentified	34:59	00:00	0	4142	5178	691	880	0.80	AVB/AVB	
	13C12-PCB 77	35:12	35:11	1	525207	681471	90246	118234	0.77	ABV/ABV	
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	410	323	164	129	1.27 *	/	
	PCB 104 (BZ)	26:32	26:34	-2	356054	225675	80436	50515	1.58	ABV/ABV	
	PCB 96 (BZ)	27:03	27:03	0	321060	195086	71386	42500	1.65	AVV/ABV	
	PCB 103 (BZ)	28:46	28:51	-5	275927	170192	56690	36468	1.62	ABV/ABV	M
	PCB 94 (BZ)	29:05	29:07	-2	241331	149190	51078	31713	1.62	AVB/AVB	
	PCB 95 (BZ)	29:35	29:37	-2	705980	436858	128487	78566	1.62	ABV/ABV	
	PCB 93 (BZ)	29:45	29:46	-1	232691	147490	51875	31024	1.58	AVV/AVV	DM
	PCB 102 (BZ)	29:53	29:54	-1	538767	338801	70379	45710	1.59	AVB/AVB	
	PCB 88 (BZ)	30:16	30:19	-3	236727	148135	48496	31073	1.60	ABV/ABV	
	PCB 91 (BZ)	30:24	30:26	-2	306631	189451	61943	36755	1.62	AVB/AVB	
	PCB 84 (BZ)	30:43	30:43	0	228829	141234	51310	29607	1.62	ABB/ABB	
	PCB 89 (BZ)	31:10	31:11	-1	232575	149384	47293	30786	1.56	ABV/ABV	
	PCB 121 (BZ)	31:20	31:25	-5	375450	238212	77108	47838	1.58	AVV/AVV	M
	PCB 92 (BZ)	31:49	31:53	-4	441611	268064	92391	59113	1.65	ABB/ABB	M
	PCB 113 (BZ)	32:23	32:26	-3	1738843	1087247	327006	201204	1.60	ABV/ABB	
	PCB 83 (BZ)	32:56	33:00	-4	1030440	647130	206859	132777	1.59	ABV/ABV	
	PCB 112 (BZ)	33:07	33:10	-3	379471	233969	78082	47525	1.62	AVB/AVB	
	PCB 109 (BZ)/108 (IUPAC	33:26	33:30	-4	2337950	1452645	163232	102130	1.61	ABB/ABB	
	PCB 116 (BZ)	34:17	34:15	2	1330676	819741	120239	71899	1.62	MVV/MVV	
	PCB 110 (BZ)	34:27	34:30	-3	1841421	1124523	355456	219556	1.64	MVB/MVB	
	PCB 82 (BZ)	34:50	34:52	-2	209581	134810	44493	28760	1.55	ABV/ABV	
	PCB 111 (BZ)	35:00	35:06	-6	391221	233877	75808	46316	1.67	AVB/AVB	M
	PCB 120 (BZ)	35:27	35:34	-7	368374	240772	72782	47670	1.53	AVB/AVB	M
	PCB 108 (BZ)/107 (IUPAC	36:42	36:46	-4	881473	569643	173013	110198	1.55	AVV/ABV	
	PCB 107 (BZ)/109 (IUPAC	36:55	37:00	-5	629922	382934	127914	78852	1.64	AVV/AVV	M
	PCB 123 (BZ)	37:03	37:06	-3	468659	289291	95989	59634	1.62	AVV/AVV	DM
	PCB 106 (BZ)	37:10	37:15	-5	357469	222005	74385	46665	1.61	AVV/AVV	M
	PCB 118 (BZ)	37:22	37:27	-5	3630729	2302880	716240	455159	1.58	AVB/AVB	M
	PCB 122 (BZ)	37:47	37:51	-4	394184	249283	82606	50380	1.58	ABV/ABV	M
	PCB 114 (BZ)	37:56	37:59	-3	510420	319692	99685	61455	1.60	AVB/AVB	
	PCB 105 (BZ)	38:39	38:42	-3	1852276	1165961	345141	221273	1.59	ABB/ABB	
	PCB 127 (BZ)	40:00	40:05	-5	401913	257098	74676	46534	1.56	AVV/AVV	M
	PCB 126 (BZ)	41:44	41:44	0	429336	231016	69479	39258	1.86 *	ABB/ABV	R

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	175	155	70	62	1.13 *	/	
	13C12-PCB 104	26:30	26:32	-2	677438	430620	149328	94313	1.57	ABV/ABV	
	13C12-PCB 101	32:23	32:26	-3	740269	447029	148806	90079	1.66	ABV/ABV	
	13C12-PCB 111	34:59	35:04	-5	730513	440646	150901	88460	1.66	ABV/ABV	M
	13C12-PCB 123	37:02	37:06	-4	815800	521805	162153	104150	1.56	ABV/ABV	
	13C12-PCB 118	37:21	37:25	-4	898495	553363	175174	108512	1.62	AVV/AVV	M
	13C12-PCB 114	37:53	37:57	-4	810404	515935	155224	98389	1.57	AVV/AVV	M
	13C12-PCB 105	38:38	38:40	-2	803898	501600	158249	103300	1.60	ABB/ABB	M
	13C12-PCB 127	39:58	40:03	-5	1140767	707474	205793	128894	1.61	ABV/ABV	M
	13C12-PCB 126	41:42	41:43	-1	784716	506364	136294	87905	1.55	ABV/ABV	
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	400	350	160	140	1.14	/	
	PCB 155 (BZ)	32:02	32:07	-5	336978	268515	69066	57177	1.25	ABB/ABB	M
	PCB 152 (BZ)	32:26	32:30	-4	318724	242106	69498	51512	1.32	ABV/ABV	M
	PCB 150 (BZ)	32:31	32:36	-5	318627	253034	66921	54914	1.26	AVB/AVB	M
	PCB 136 (BZ)	33:03	33:05	-2	330448	261635	72113	53379	1.26	ABV/ABV	
	PCB 145 (BZ)	33:14	33:18	-4	315445	248405	65526	49416	1.27	AVB/AVB	
	PCB 148 (BZ)	34:36	34:43	-7	236779	181113	47504	37427	1.31	ABV/ABV	M
	PCB 151 (BZ)	35:24	35:22	2	884994	683268	88446	69512	1.30	AVV/ABV	
	PCB 144 (BZ)	35:51	35:56	-5	257223	202516	48682	38952	1.27	AVB/AVB	M
	PCB 147 (BZ)	36:12	36:17	-5	675509	532750	113403	89702	1.27	ABV/ABV	M
	PCB 134 (BZ)	36:33	36:32	1	500128	393093	60141	42999	1.27	AVV/AVV	
	PCB 139 (BZ)	36:47	36:51	-4	600395	474578	88765	70232	1.27	AVV/AVV	
	PCB 131 (BZ)	37:03	37:07	-4	233793	178934	43828	37470	1.31	AVV/AVV	
	PCB 142 (BZ)	37:11	37:17	-6	232924	198011	48101	39441	1.18	AVB/AVB	M
	PCB 132 (BZ)	37:34	37:39	-5	271868	225632	52827	43814	1.20	ABB/ABB	M
	PCB 133 (BZ)	37:55	38:01	-6	278685	221635	54336	42353	1.26	ABB/ABB	M
	PCB 165 (BZ)	38:17	38:24	-7	335812	268439	66639	55173	1.25	ABV/ABV	M
	PCB 146 (BZ)	38:33	38:38	-5	545213	441400	112263	88871	1.24	AVV/AVV	M
	PCB 161 (BZ)	38:40	38:47	-7	379091	306730	72834	59157	1.24	AVB/AVB	M
	PCB 153 (BZ)	39:08	39:16	-8	2875847	2312698	526446	428162	1.24	ABV/ABV	M
	PCB 141 (BZ)	39:25	39:30	-5	404386	327091	78302	60197	1.24	AVB/AVB	M
	PCB 130 (BZ)	39:51	39:56	-5	287659	222880	56624	44282	1.29	ABV/ABV	M
	PCB 137 (BZ)	40:02	40:07	-5	364494	288122	72347	55934	1.27	AVV/AVV	M
	PCB 164 (BZ)	40:12	40:16	-4	436215	350656	87346	71331	1.24	AVV/AVV	M
	PCB 138 (BZ)	40:29	40:34	-5	3497035	2725258	569396	442342	1.28	AVV/AVV	M
	PCB 158 (BZ)	40:50	40:55	-5	588696	476794	110884	89133	1.23	AVB/AVB	M
	PCB 166 (BZ)	41:40	41:46	-6	385706	308400	73664	59111	1.25	AVV/ABV	M
	PCB 128 (BZ)	41:50	41:53	-3	610597	478067	112937	90953	1.28	AVV/AVV	M
	PCB 159 (BZ)	42:39	42:46	-7	378623	285083	71323	53294	1.33	AVV/AVV	M
	PCB 162 (BZ)	42:58	43:03	-5	368713	307356	67714	56308	1.20	AVV/AVV	M
	PCB 167 (BZ)	43:26	43:33	-7	419546	322888	82624	63283	1.30	ABB/ABB	M
	PCB 156 (BZ)	44:38	44:43	-5	880392	704557	90168	77467	1.25	ABB/ABB	M
	PCB 169 (BZ)	48:00	47:57	3	295468	227318	49461	38974	1.30	ABV/ABV	M

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STL - Knoxville

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IsoCalc

Workorder	J64JX1AD	Prep Batch	7264161	Lot No	H7I180256-002
Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	160	145	64	58	1.10	/	
	13C12-PCB 155	31:59	32:06	-7	674693	521693	145152	113121	1.29	ABV/ABV	M
	13C12-PCB 138	40:28	40:32	-4	767673	611968	145432	119726	1.25	ABV/ABV	M
	Unidentified	40:50	00:00	0	15956	10328	2298	1734	1.54 *	AVB/AVV	R
	13C12-PCB 167	43:24	43:30	-6	689837	544581	140065	106585	1.27	AVV/ABV	M
	13C12-PCB 156	44:42	44:40	2	1430507	1126743	148643	109592	1.27	AVV/AVV	
	13C12-PCB 169	47:59	47:56	3	500103	393533	89790	70726	1.27	ABV/ABV	
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	288	245	115	98	1.17	/	
	PCB 188 (BZ)	37:45	37:52	-7	313430	301929	66435	63854	1.04	ABV/ABV	M
	PCB 179 (BZ)	38:14	38:20	-6	323891	306423	64554	60843	1.06	ABV/ABV	M
	PCB 184 (BZ)	38:35	38:44	-9	291838	284852	60313	56821	1.02	AVV/AVV	M
	PCB 176 (BZ)	39:05	39:12	-7	326942	307137	66664	60812	1.06	ABV/ABV	M
	PCB 186 (BZ)	39:34	39:39	-5	303561	289324	61018	59291	1.05	ABB/ABB	M
	PCB 178 (BZ)	40:50	40:58	-8	251133	241961	46990	47404	1.04	ABB/ABV	M
	PCB 175 (BZ)	41:27	41:35	-8	235715	227215	50638	44725	1.04	ABV/ABV	M
	PCB 187 (BZ)	41:44	41:51	-7	397937	376168	83450	74283	1.06	AVV/AVV	M
	PCB 182 (BZ)	41:54	42:02	-8	259228	245937	49372	43088	1.05	AVV/AVV	DM
	PCB 183 (BZ)	42:19	42:28	-9	314370	296616	65007	58226	1.06	ABV/ABV	M
	PCB 185 (BZ)	42:29	42:37	-8	237402	231001	47504	44200	1.03	AVV/AVV	DM
	PCB 174 (BZ)	42:41	42:47	-6	231091	220469	43111	42187	1.05	AVB/AVB	M
	PCB 177 (BZ)	43:07	43:14	-7	233332	223527	42076	42442	1.04	ABV/ABV	M
	PCB 181 (BZ)	43:27	43:34	-7	217125	210436	41257	40686	1.03	AVB/AVB	M
	PCB 173 (BZ)	43:44	43:50	-6	418864	412305	79192	78708	1.02	ABB/ABB	M
	PCB 172 (BZ)	45:18	45:25	-7	209562	207068	37801	39185	1.01	ABV/ABV	M
	PCB 192 (BZ)	45:34	45:40	-6	267012	263869	52148	48073	1.01	AVB/AVV	M
	PCB 193 (BZ)	45:57	45:59	-2	667939	645979	92588	84429	1.03	ABV/AVV	D
	PCB 191 (BZ)	46:21	46:25	-4	234676	228245	35200	32800	1.03	AVB/AVB	D
	PCB 170 (BZ)	47:24	47:23	1	215287	211843	30984	30588	1.02	ABB/AVB	D
	PCB 190 (BZ)	47:52	47:52	0	301012	291213	50455	52877	1.03	ABB/ABB	D
	PCB 189 (BZ)	50:31	50:26	5	250898	245137	39842	39468	1.02	ABB/ABB	M
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	140	163	56	65	0.86 *	/	
	13C12-PCB 188	37:43	37:51	-8	641341	621180	132440	125908	1.03	ABV/ABV	
	13C12-PCB 178	40:49	40:56	-7	416881	410224	85566	85018	1.02	ABV/ABV	
	13C12-PCB 180	45:57	46:01	-4	510869	485301	80034	74931	1.05	ABV/AVV	
	13C12-PCB 170	47:22	47:21	1	295237	279943	40719	38741	1.05	ABV/ABV	
	13C12-PCB 189	50:29	50:24	5	508286	480382	80515	78744	1.06	ABV/ABV	
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	195	165	78	66	1.18 *	/	
	PCB 202 (BZ)	43:07	43:15	-8	235714	267108	47179	52341	0.88	ABV/ABV	M
	PCB 200 (BZ)/201 (IUPAC	44:02	44:11	-9	220292	240232	40497	44562	0.92	ABB/ABV	M
	PCB 204 (BZ)	44:40	44:49	-9	231483	273143	46946	54162	0.85	ABV/ABV	M
	PCB 197 (BZ)	44:55	45:03	-8	243598	277282	46885	57577	0.88	AVV/AVV	M

Notes:
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PCB's by EPA Method 1668A (Solid/Air Table 4)

IsoCalc

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Data File	/20070928s1/apj64jxd.d	Prep Date	09/21/07	SDG No	J00132
Analysis ID	99542	Prep Exp Date	09/11/08	Date Received	09/18/07
Analysis Date	09/28/07 21:18	Matrix	BIOLOGIC	Date Sampled	09/12/07
Anal Exp Date	09/20/08	Initial Wt/Vol	10.0 g	Lims Test Code	XXT4WIE01
Instrument	M1D	Extract Vol	100 uL	Method	IE5
Analyst	DCG	Diluton Factor	1.00	Code	IE5

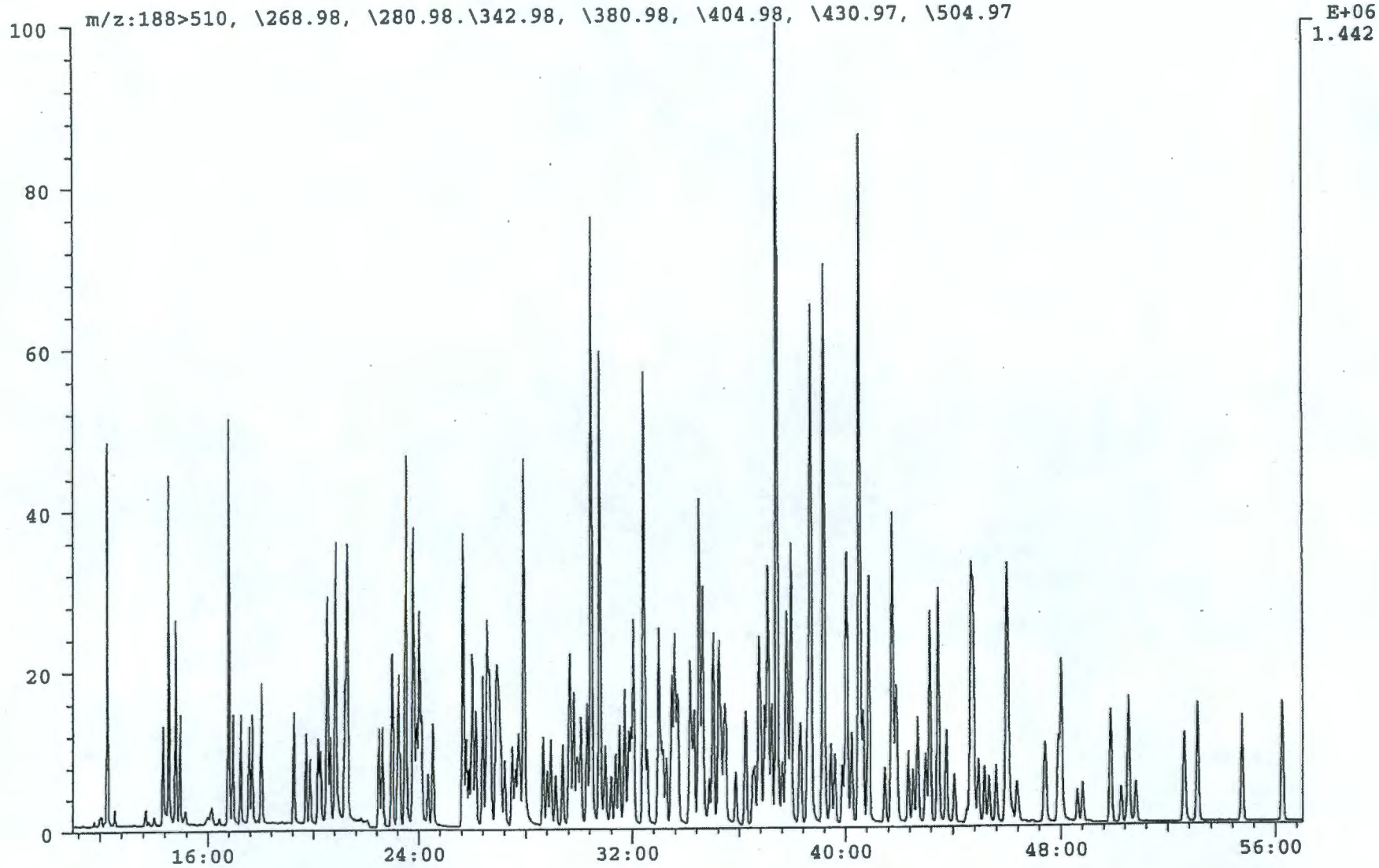
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	PCB 199 (BZ)/200 (IUPAC	45:09	45:15	-6	245294	265580	48872	48293	0.92	AVB/AVB	M
	PCB 198 (BZ)	47:57	47:56	1	299501	336192	38768	41183	0.89	ABV/ABV	D
	PCB 196 (BZ)	48:36	48:39	-3	134805	153459	26887	27424	0.88	ABV/ABV	D
	PCB 203 (BZ)	48:46	48:49	-3	167561	186476	30606	33439	0.90	AVB/AVB	D
	PCB 195 (BZ)	50:14	50:10	4	162148	183351	30391	32526	0.88	ABV/ABV	D
	PCB 194 (BZ)	52:36	52:30	6	159897	171030	25001	25597	0.93	ABV/ABB	M
	PCB 205 (BZ)	53:05	52:59	6	183129	213925	32987	38480	0.86	ABB/ABB	M
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	100	125	40	50	0.80	/	
	13C12-PCB 202	43:06	43:14	-8	519879	552202	99319	104660	0.94	ABV/ABV	D
	13C12-PCB 194	52:35	52:29	6	342012	369814	56416	60417	0.92	ABB/ABV	
	13C12-PCB 205	53:04	52:57	7	389147	435812	69427	80451	0.89	ABB/ABB	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	103	130	41	52	0.79	/	
	PCB 208 (BZ)	49:52	49:53	-1	168518	217546	27318	37547	0.77	ABB/ABV	
	PCB 207 (BZ)	50:46	50:49	-3	164081	209153	28472	36559	0.78	ABB/ABV	
	PCB 206 (BZ)	54:44	54:41	3	130253	173843	24907	32031	0.75	ABB/ABB	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	93	128	37	51	0.73	/	
	13C12-PCB 208	49:49	49:52	-3	356933	444179	59207	76120	0.80	ABV/ABV	
	13C12-PCB 206	54:43	54:40	3	246882	322697	47412	66590	0.77	ABB/ABB	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	120	145	48	58	0.83 *	/	
	PCB 209 (BZ)	56:15	56:16	-1	154836	219647	27142	40282	0.70	ABV/ABB	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	100	153	40	61	0.66	/	
	13C12-PCB 209	56:14	56:15	-1	309967	441752	57237	79570	0.70	ABV/ABB	

Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside ccmax limit D = peak outside RT window W = peak outside first/last X = peak has dup match.

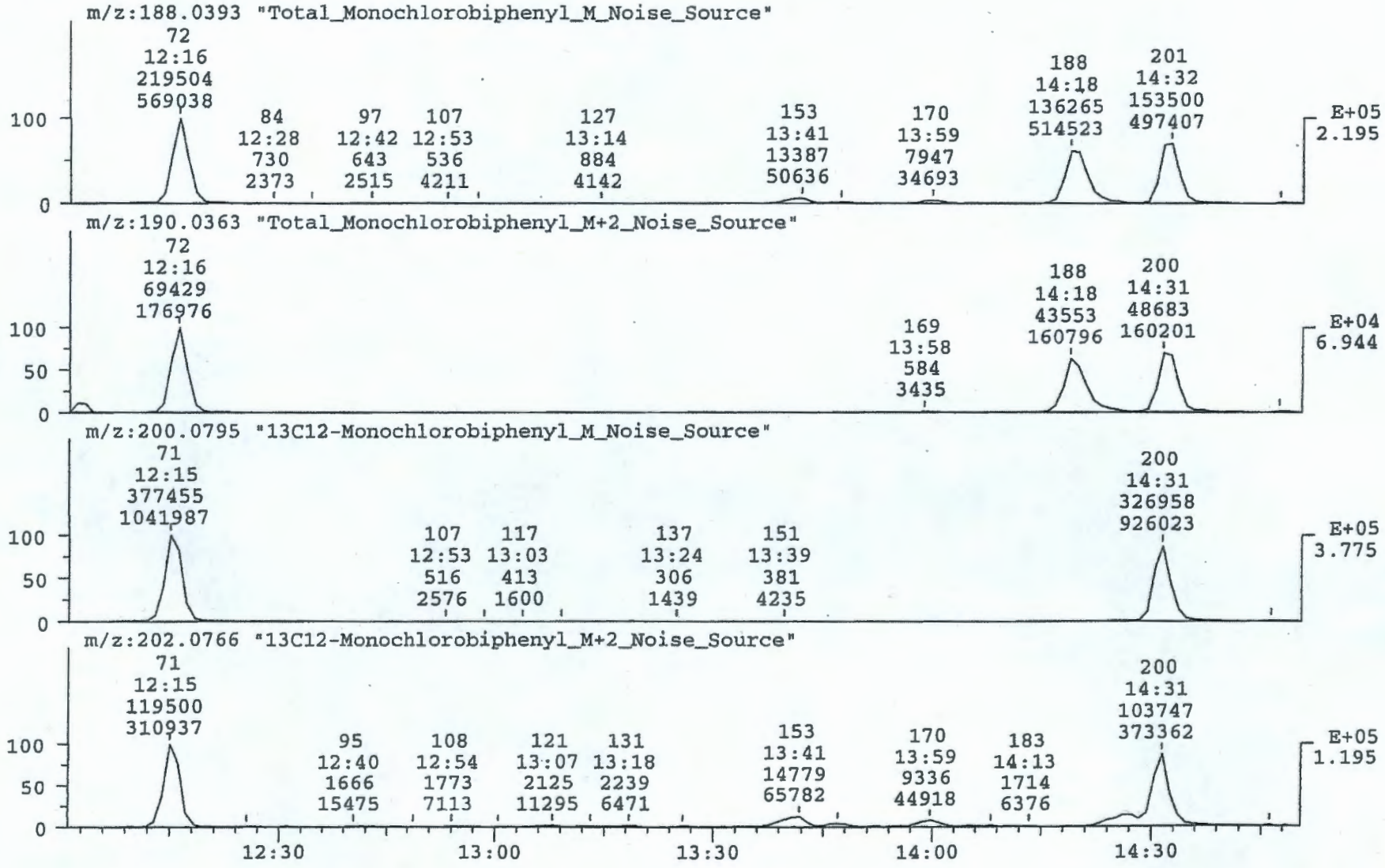
CHRO: apj64jxd 28-Sep-07 Elapse: 56:12 2555
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 2 > 2601 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

Int PMP 9-29-07
Calc 10/1/07
QC 10/1/07
Rev'd 10/1/07



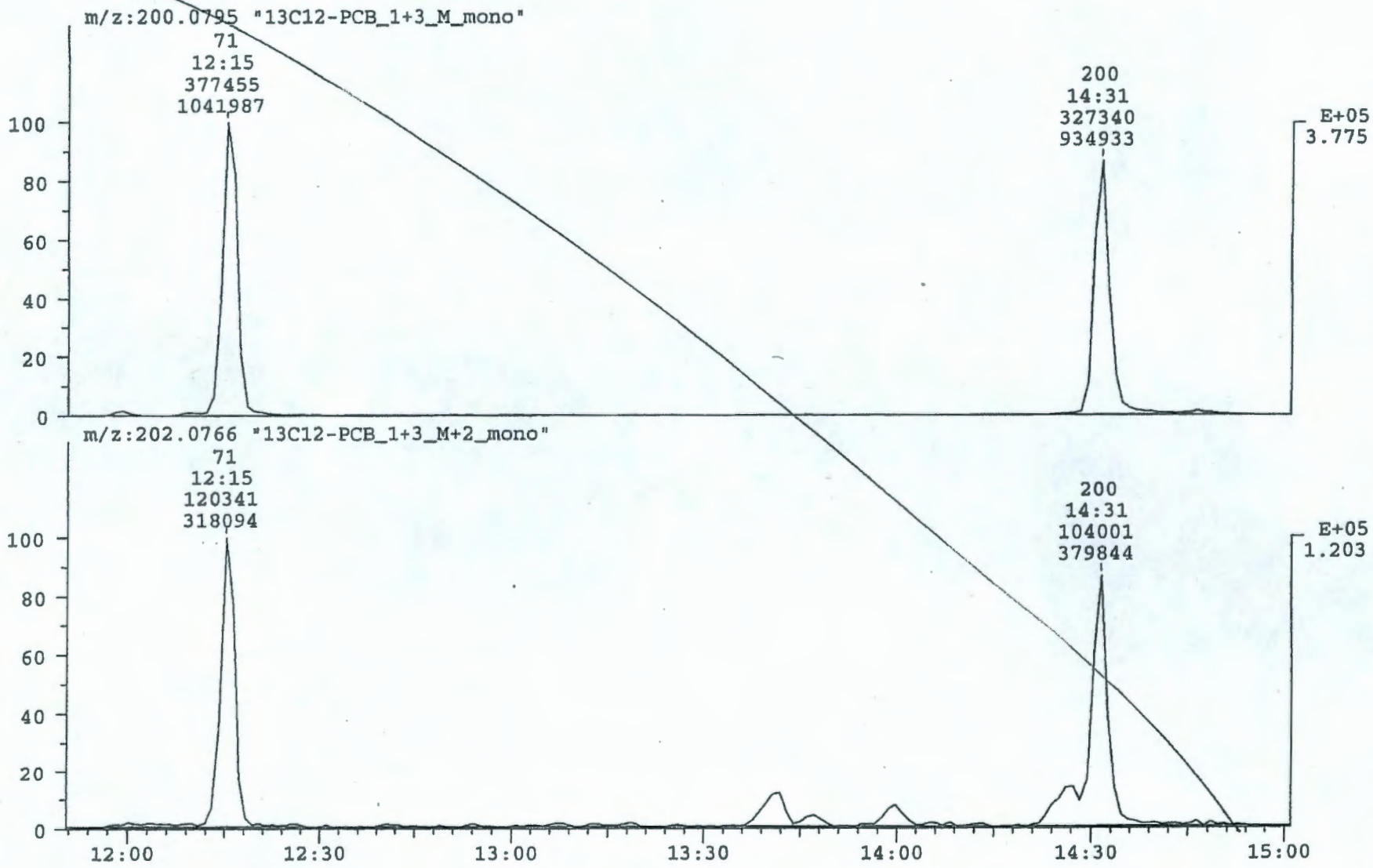
2796

CHRO: apj64jxd 28-Sep-07 Elapse: 13:25.8 138
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 58 > 218 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

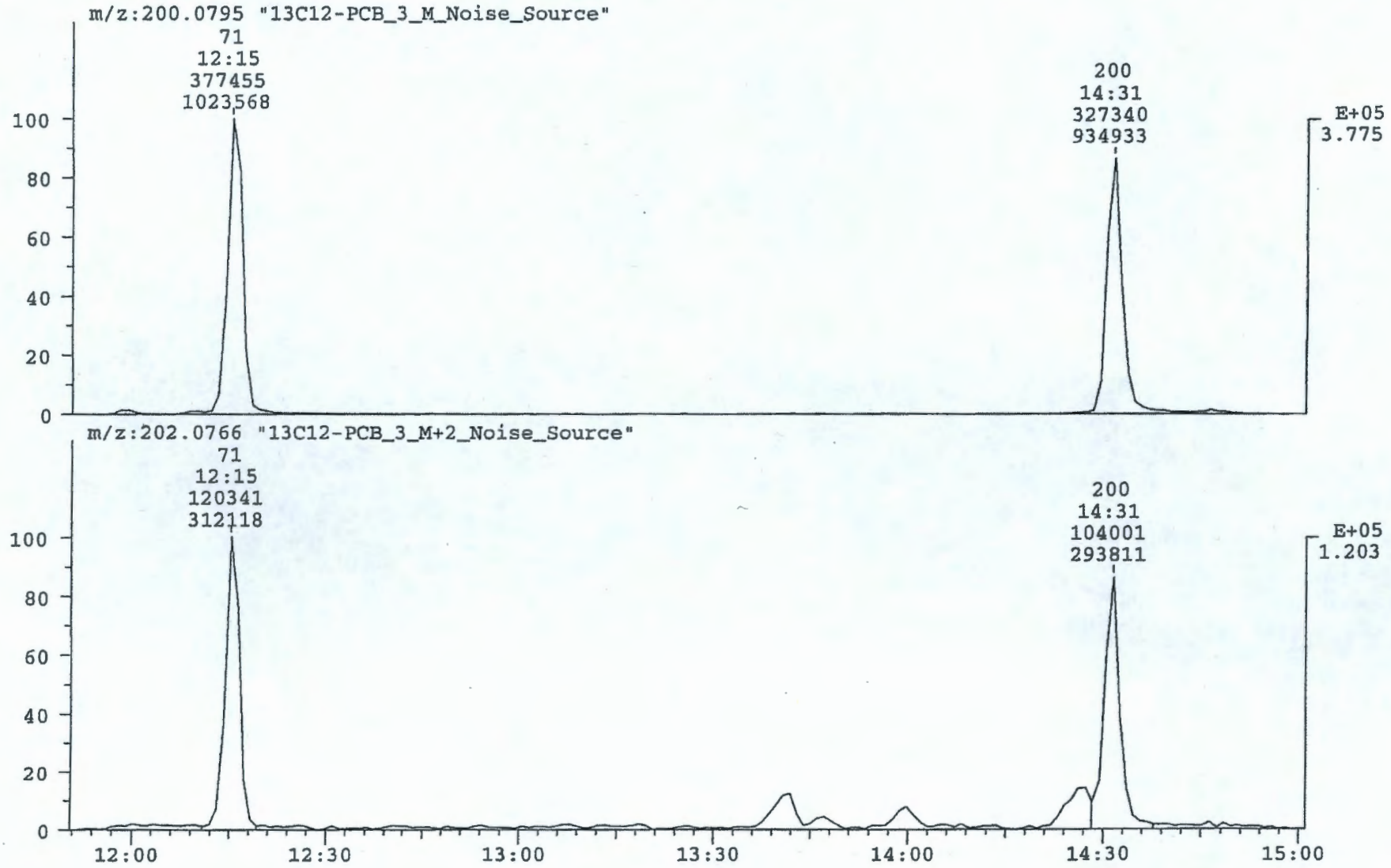


2797

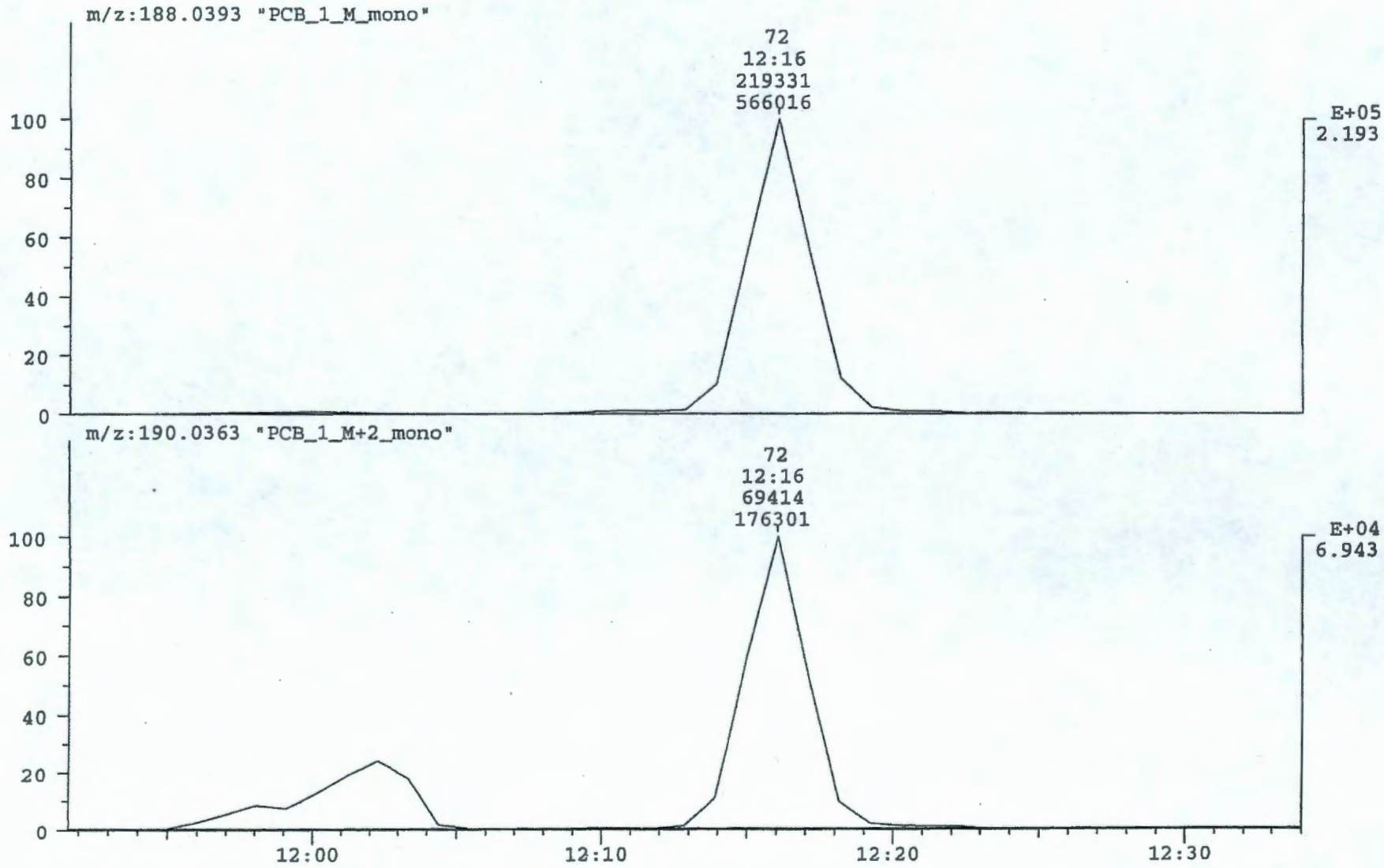
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  13:25.8     138
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   48 > 228            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



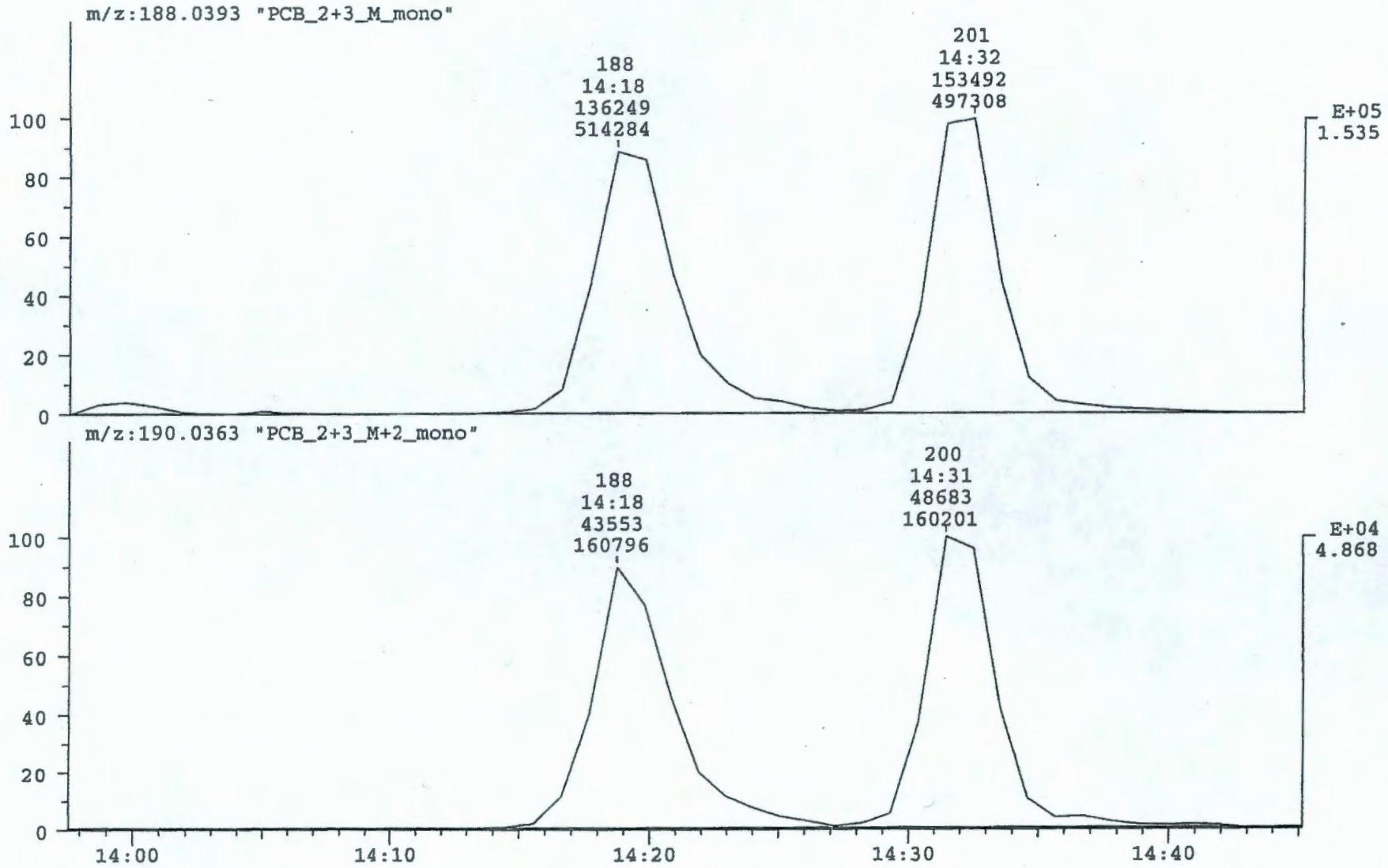
CHRO: apj64jxd 28-Sep-07 Elapse: 56:11 2554
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 48 > 228 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : 3, 3.0
Disp: Height Area



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  12:12.8      69
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   49 > 89             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

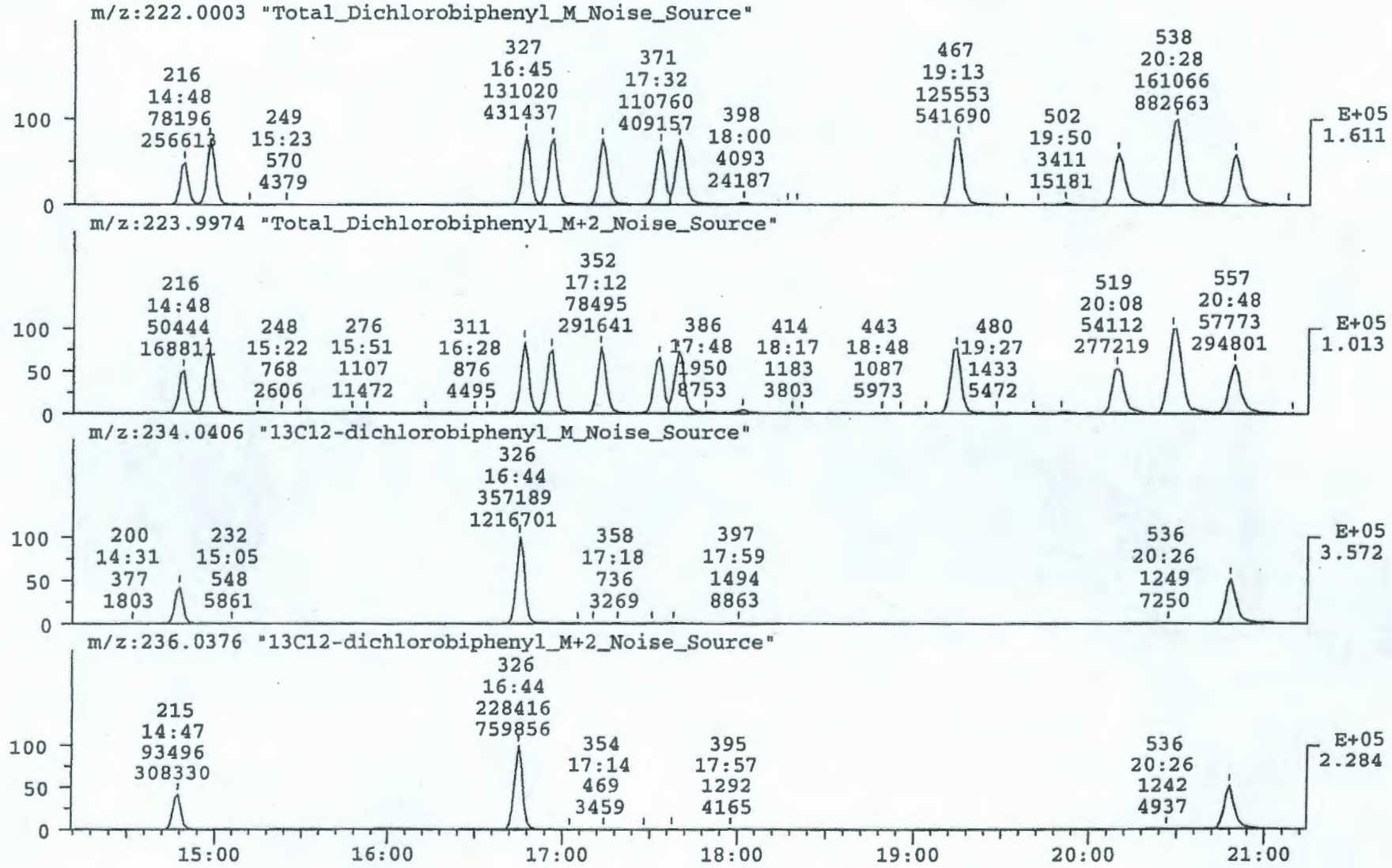


CHRO: apj64jxd 28-Sep-07 Elapse: 14:24.9 193
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 168 > 213 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



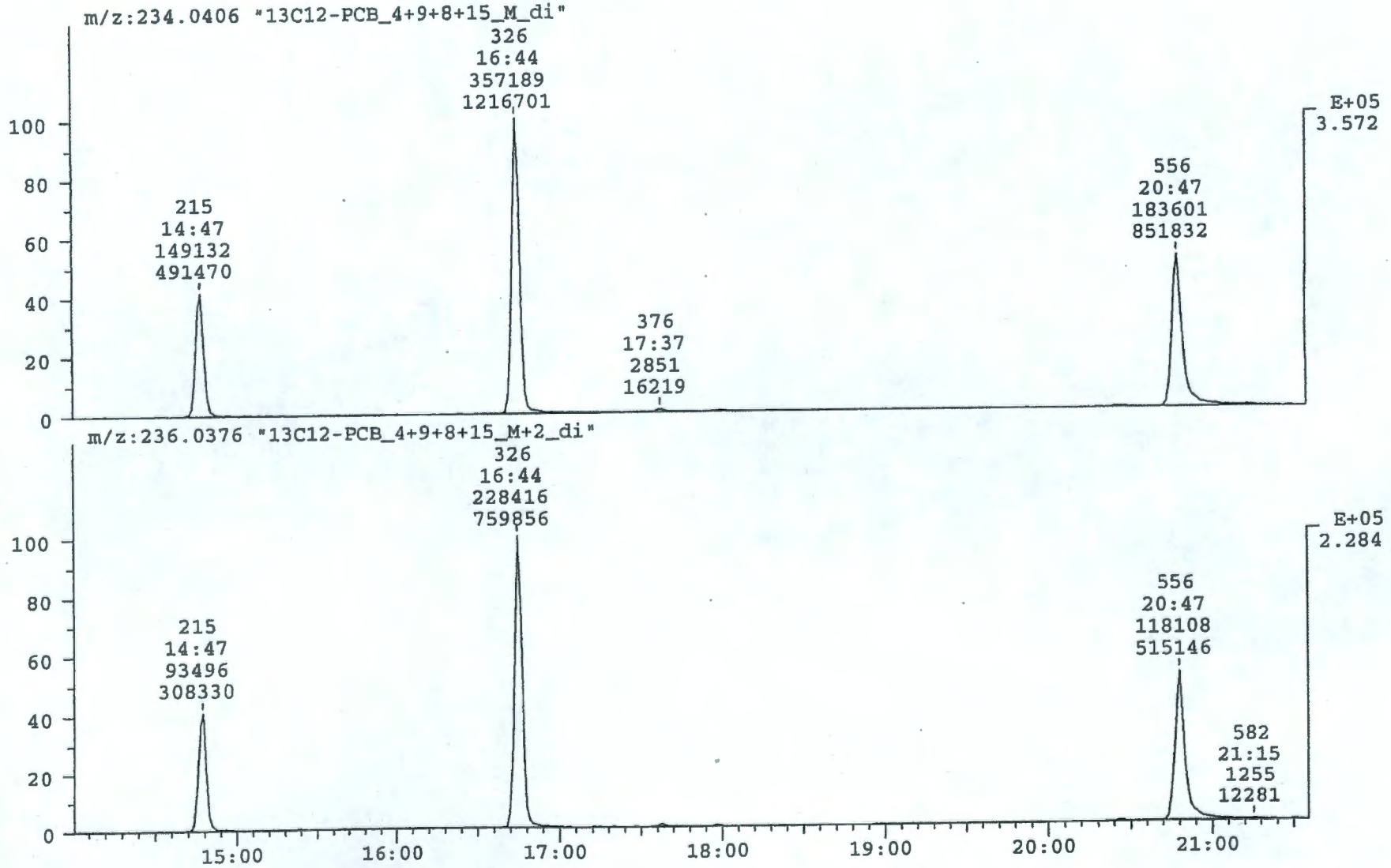
2801

CHRO: apj64jxd 28-Sep-07 Elapse: 17:42.9 381
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 181 > 581 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



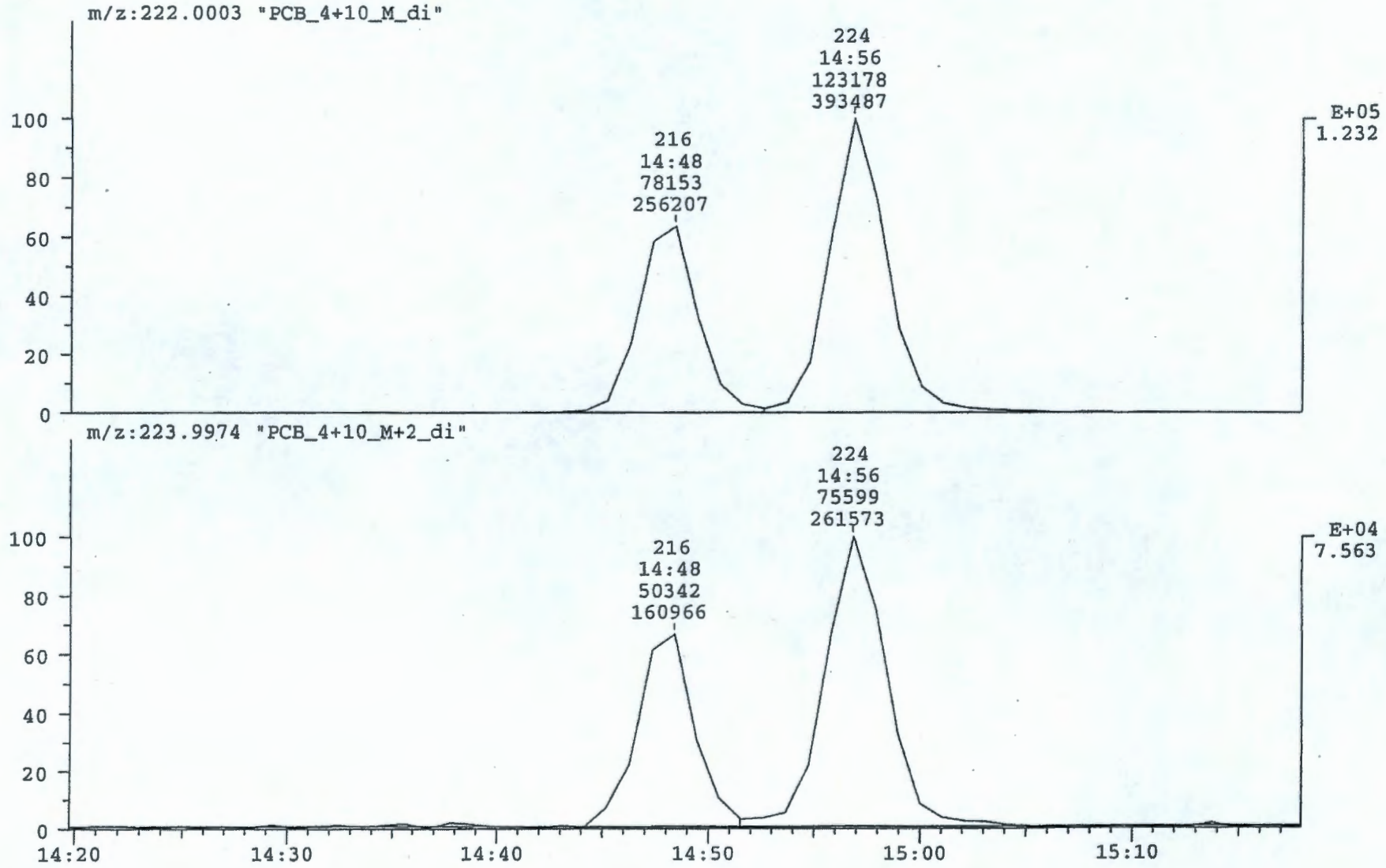
2802

CHRO: apj64jxd 28-Sep-07 Elapse: 17:42.9 381
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 171 > 601 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



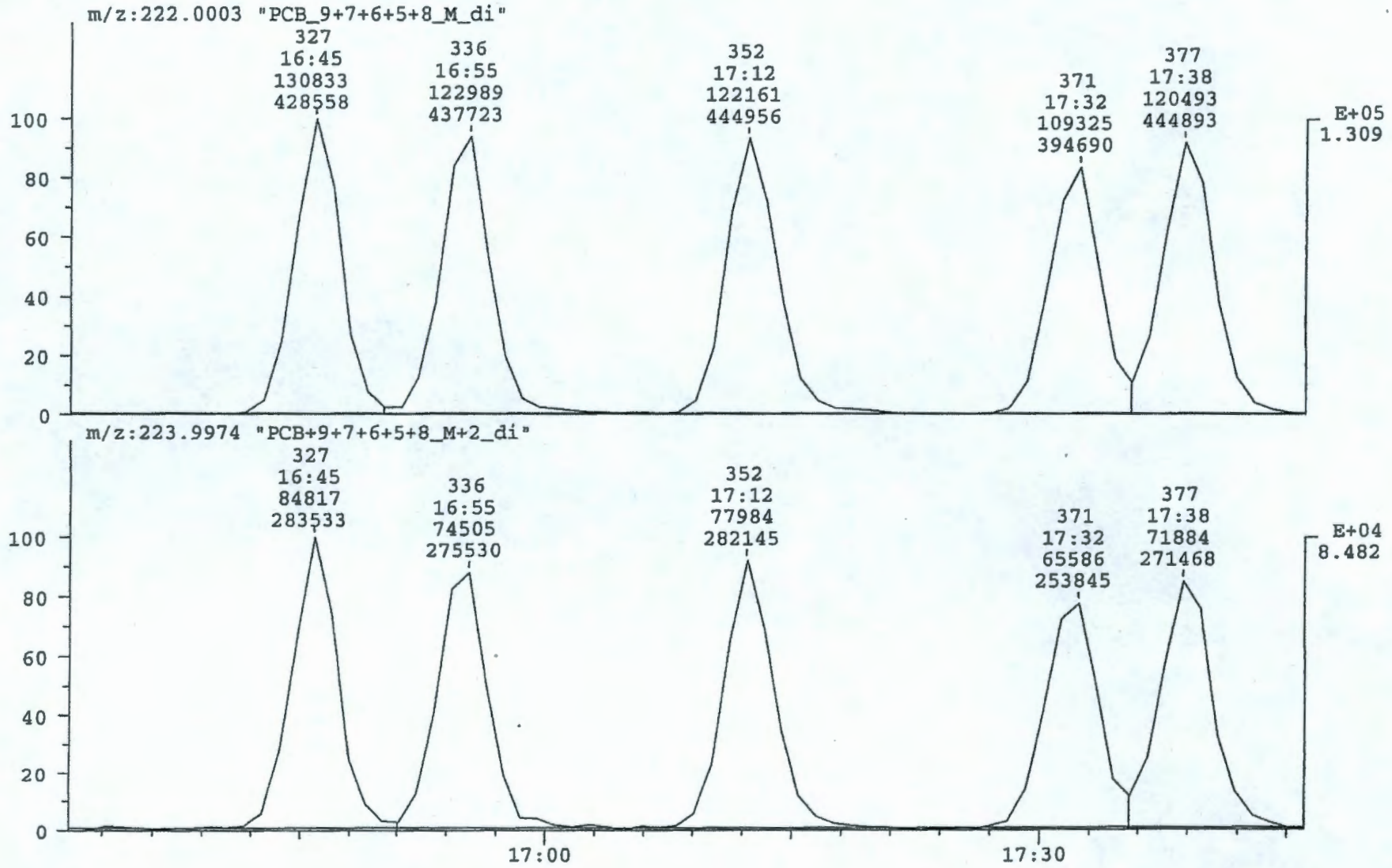
2803

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  14:51.5     219
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   189 > 244           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



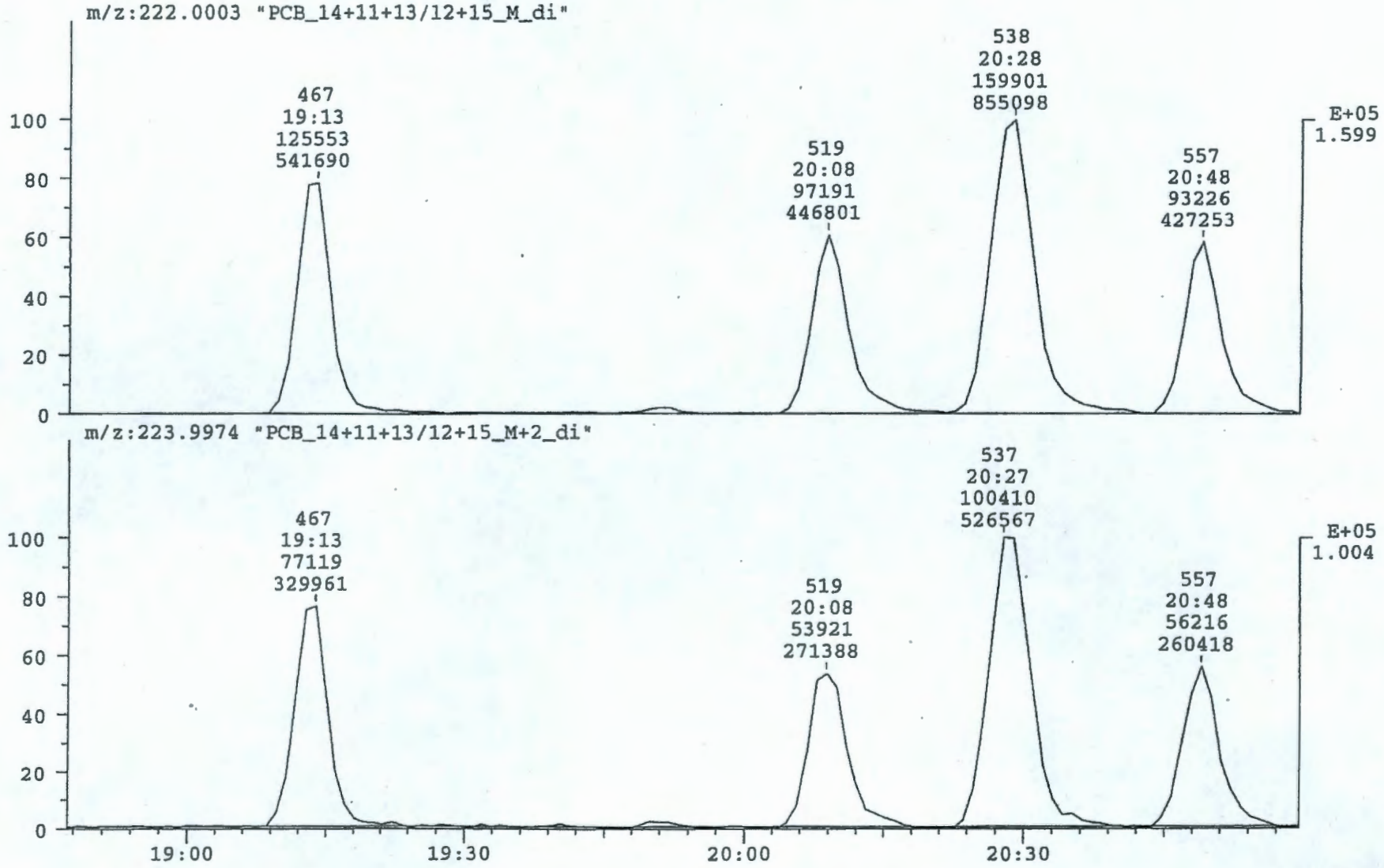
2804

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  17:10.1     350
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 37
Peak:  100.00  ppm      Label wndw:   313 > 384           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



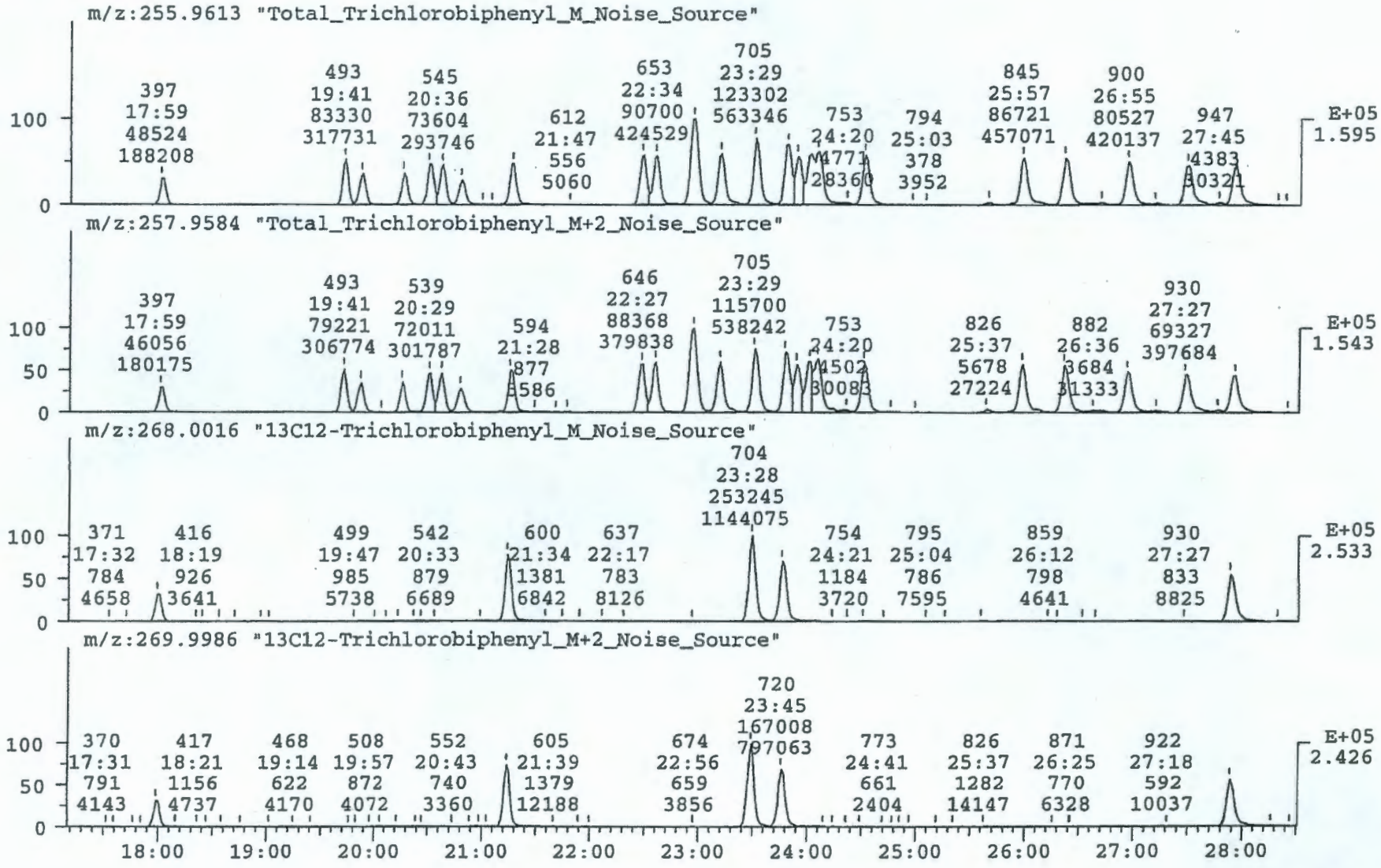
2805

CHRO: apj64jxd 28-Sep-07 Elapse: 19:56.0 507
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 442 > 567 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area

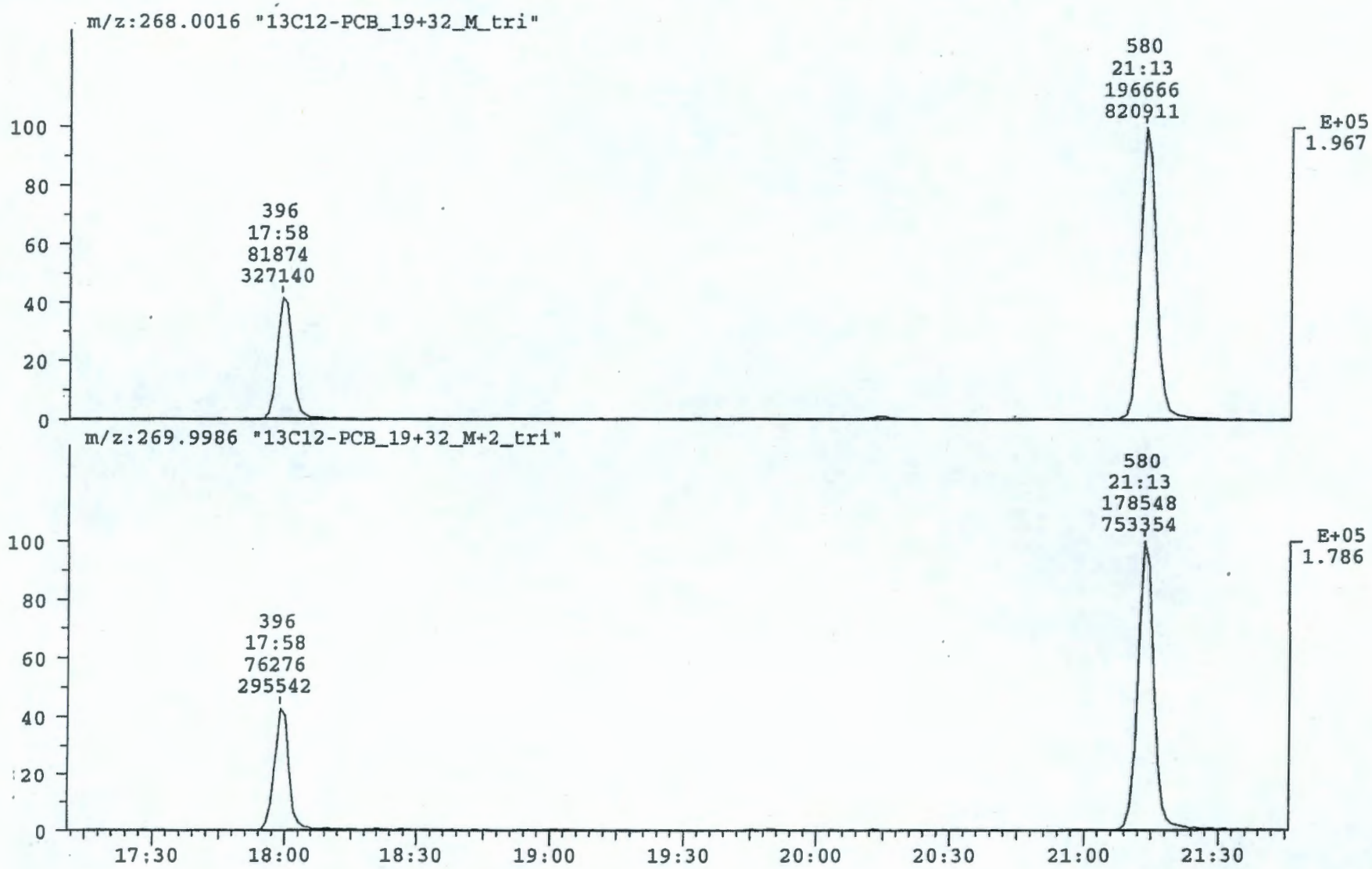


2806

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  22:52.7      670
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   350 > 990           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

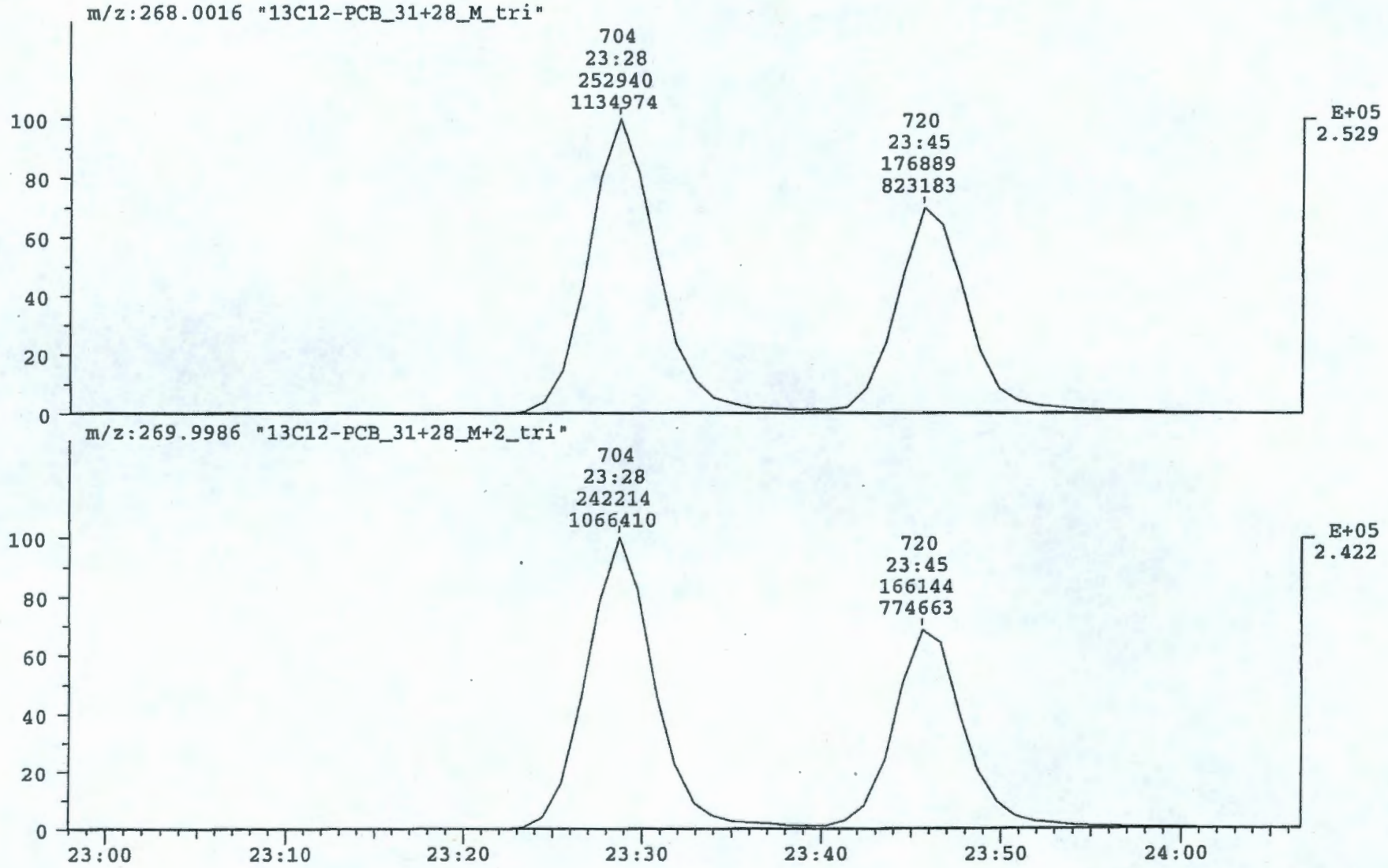


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  19:18.9      471
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   351 > 611           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```

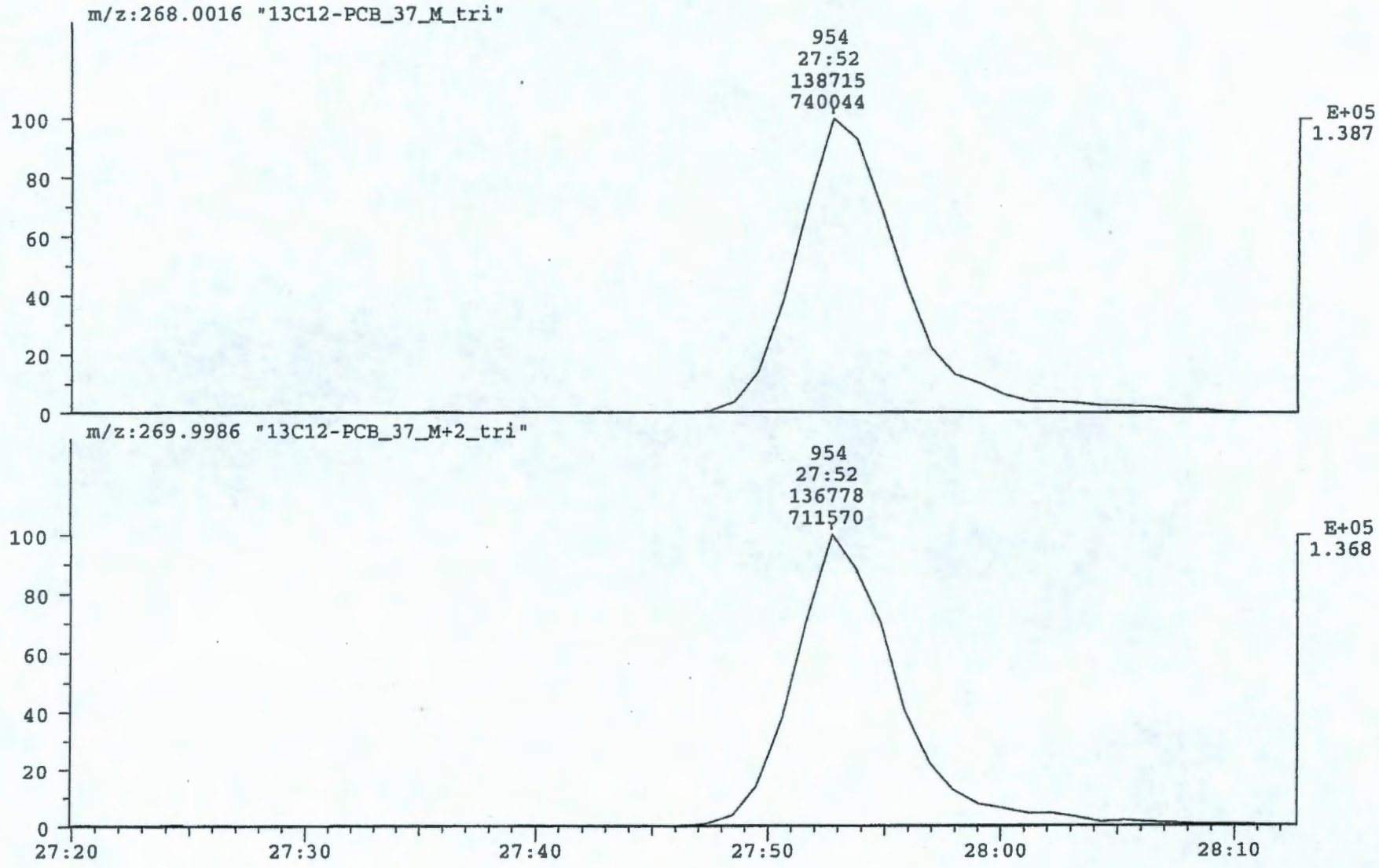


2808

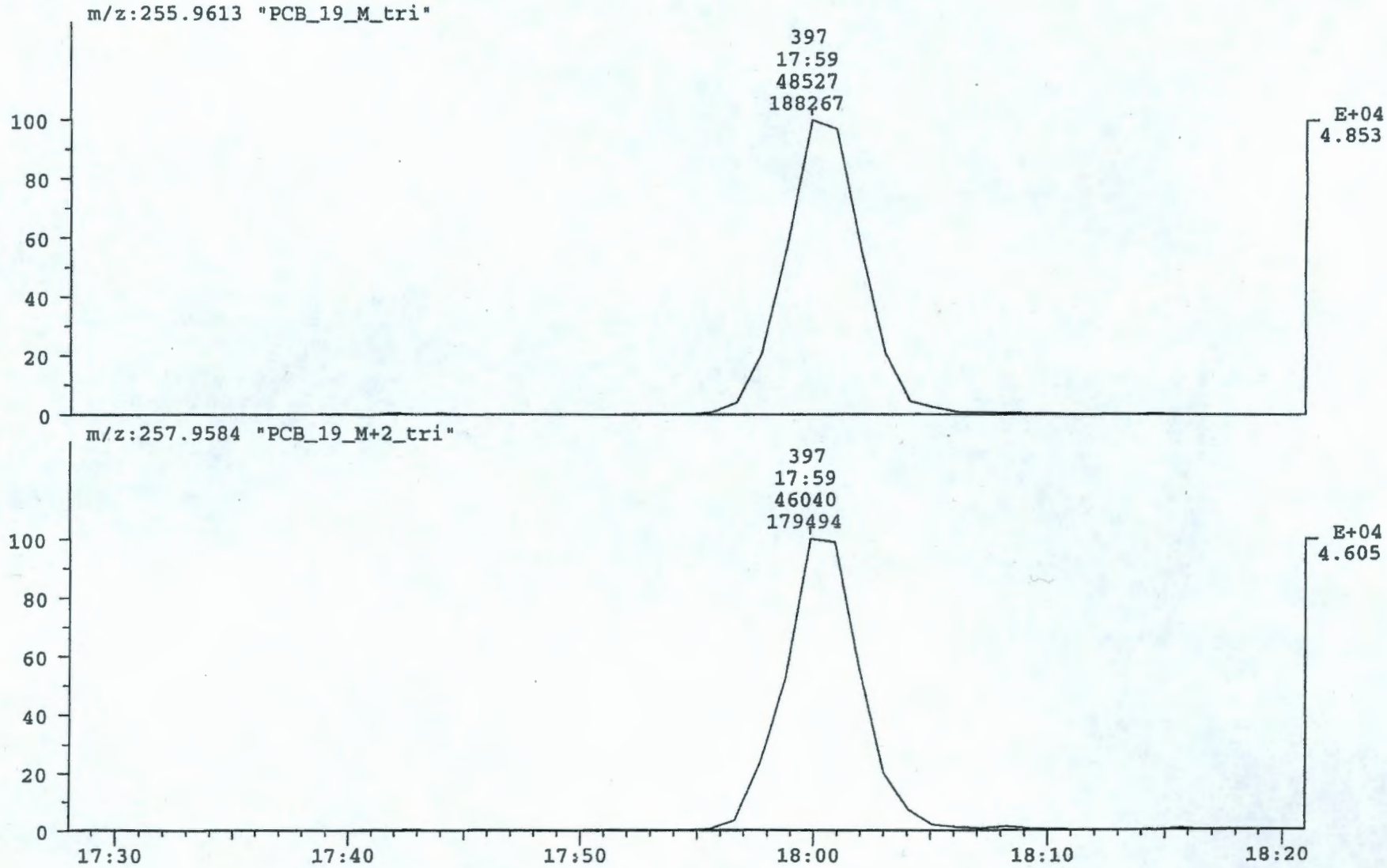
CHRO: apj64jxd 28-Sep-07 Elapse: 23:24.4 700
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 675 > 740 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  27:46.3      948
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   923 > 973           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

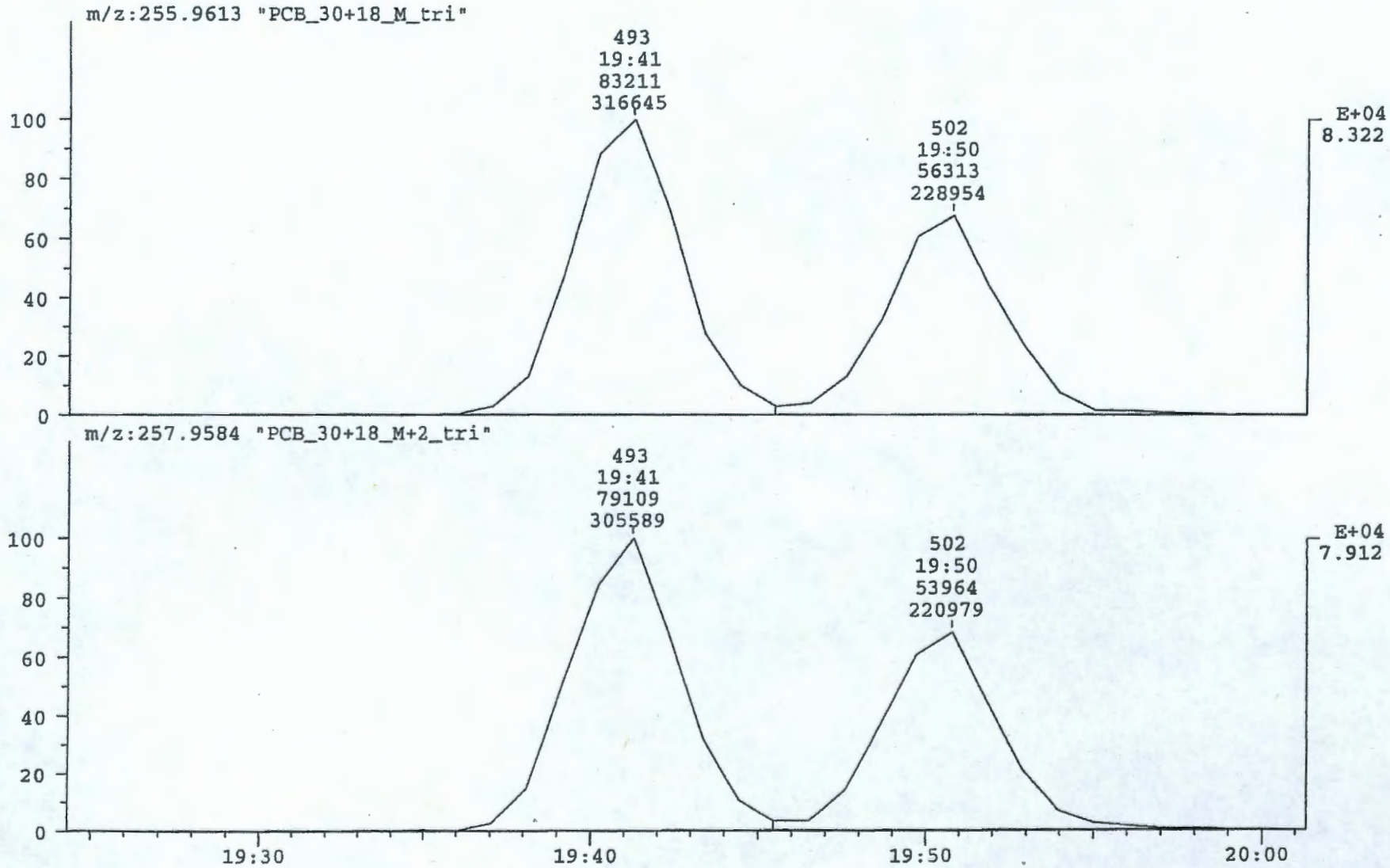


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  17:54.5      392
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   367 > 417           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



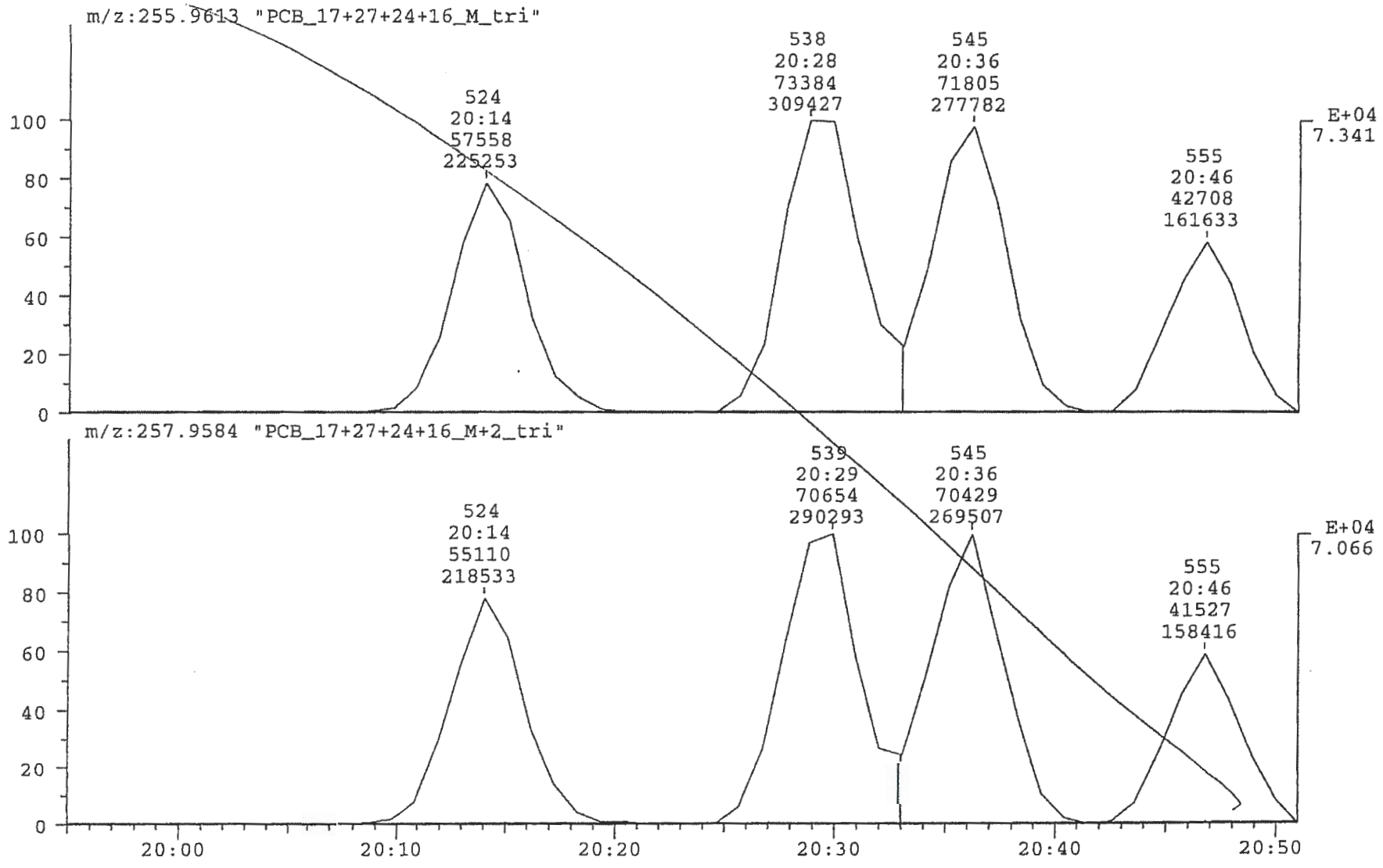
2811

CHRO: apj64jxd 28-Sep-07 Elapse: 19:45.5 497
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 477 > 512 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

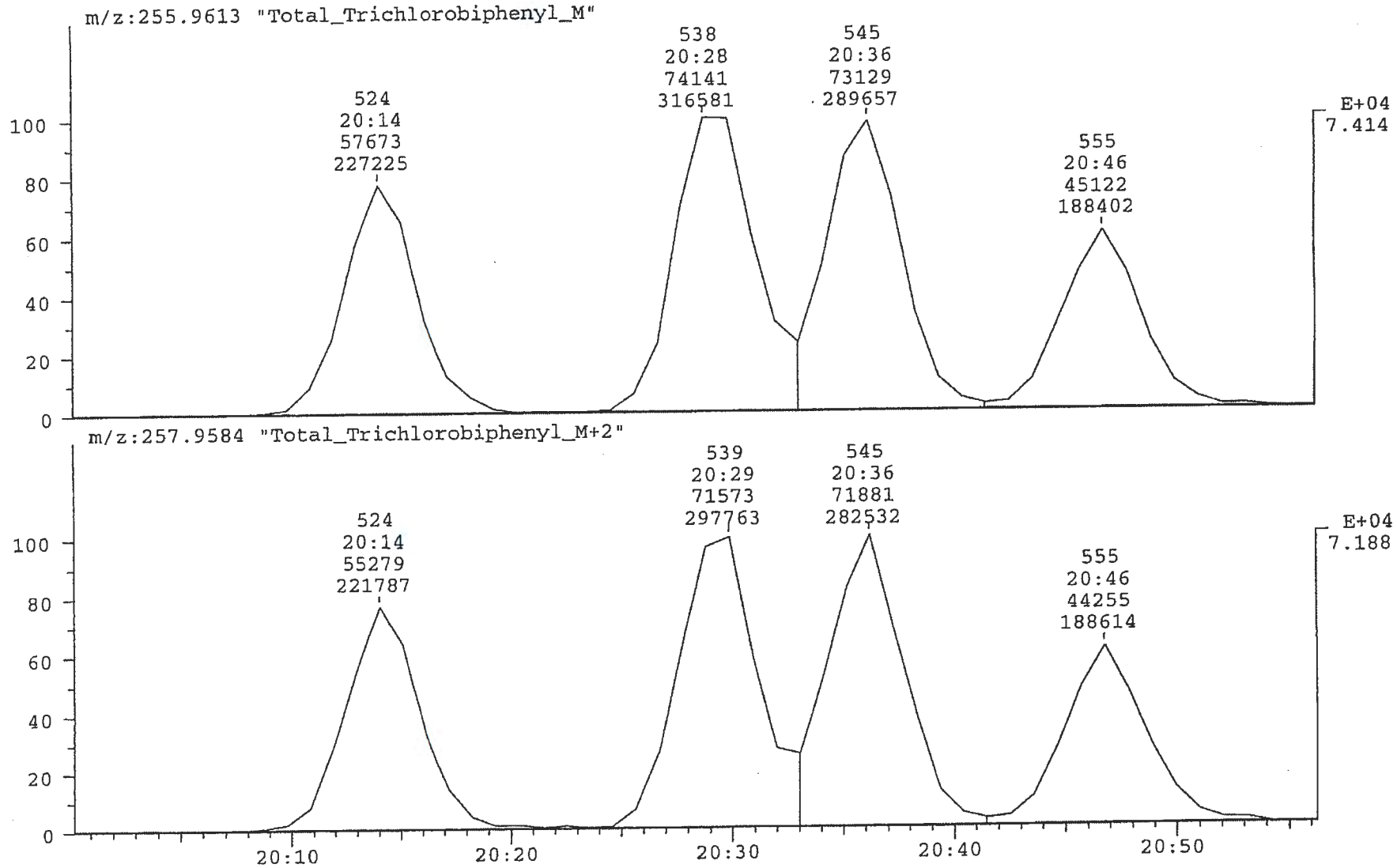


2812

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  20:26.7      536
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   506 > 559           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

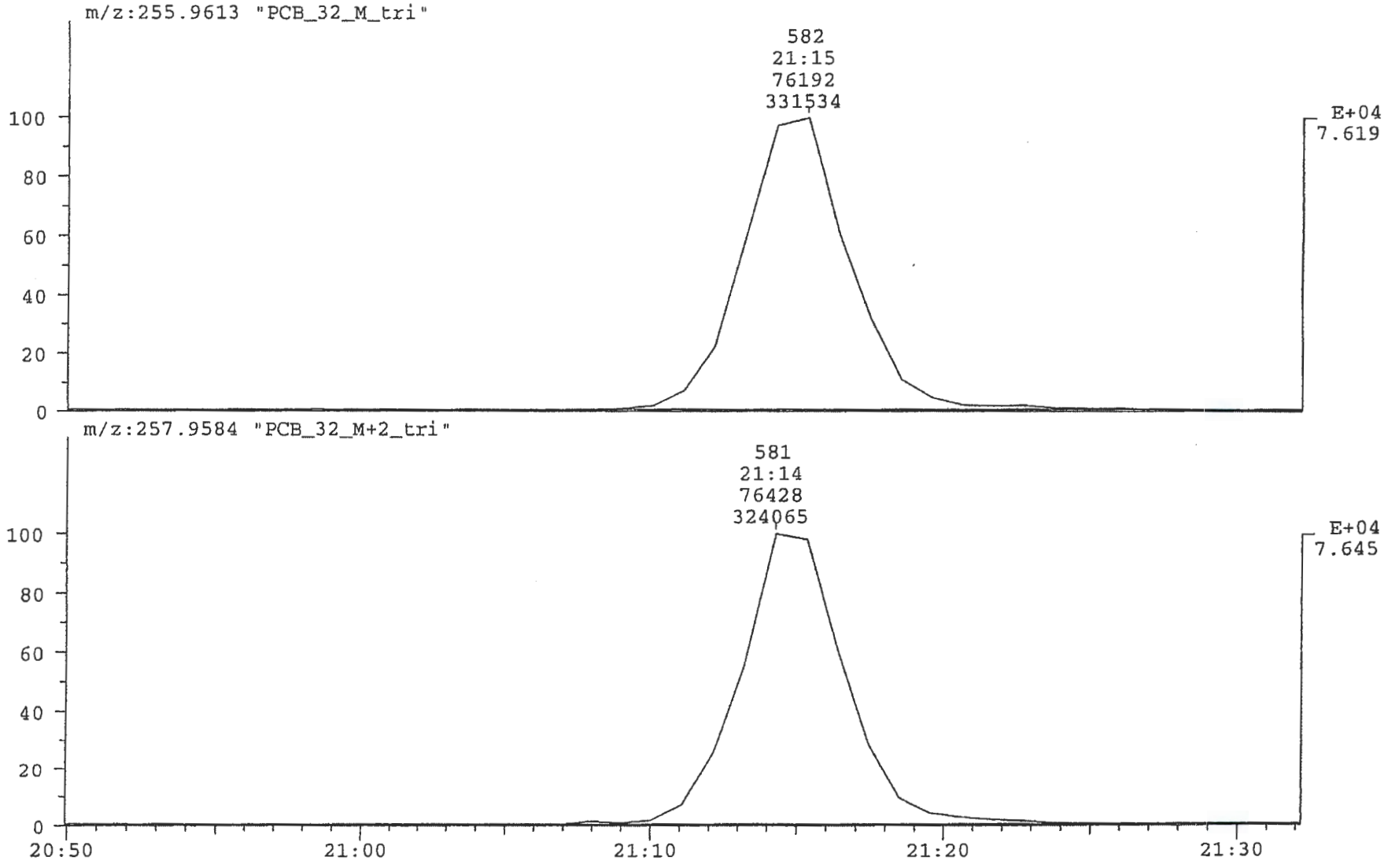


CHRO: apj64jxd 28-Sep-07 Elapse: 56:11 2554
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 511 > 564 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

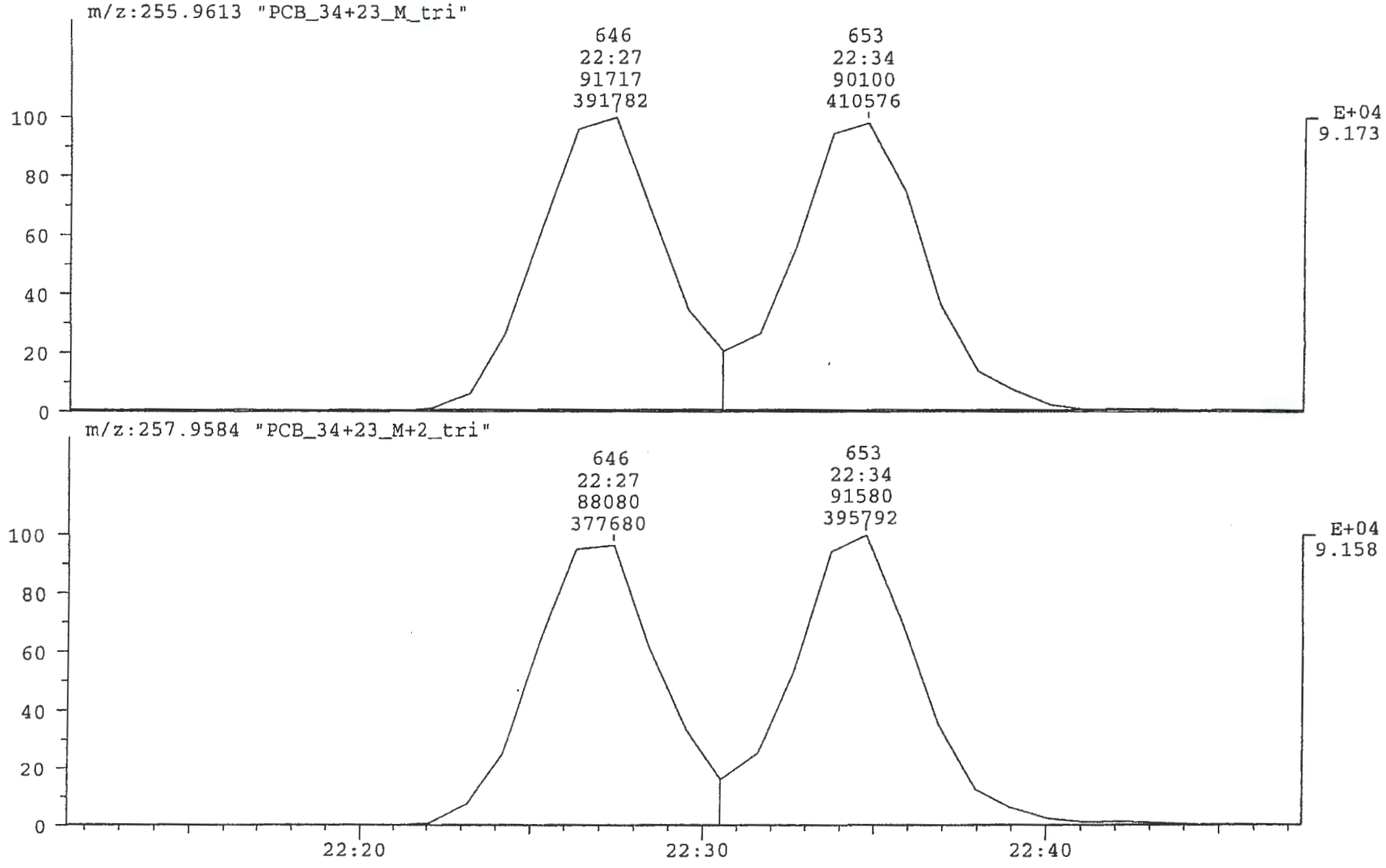


2814

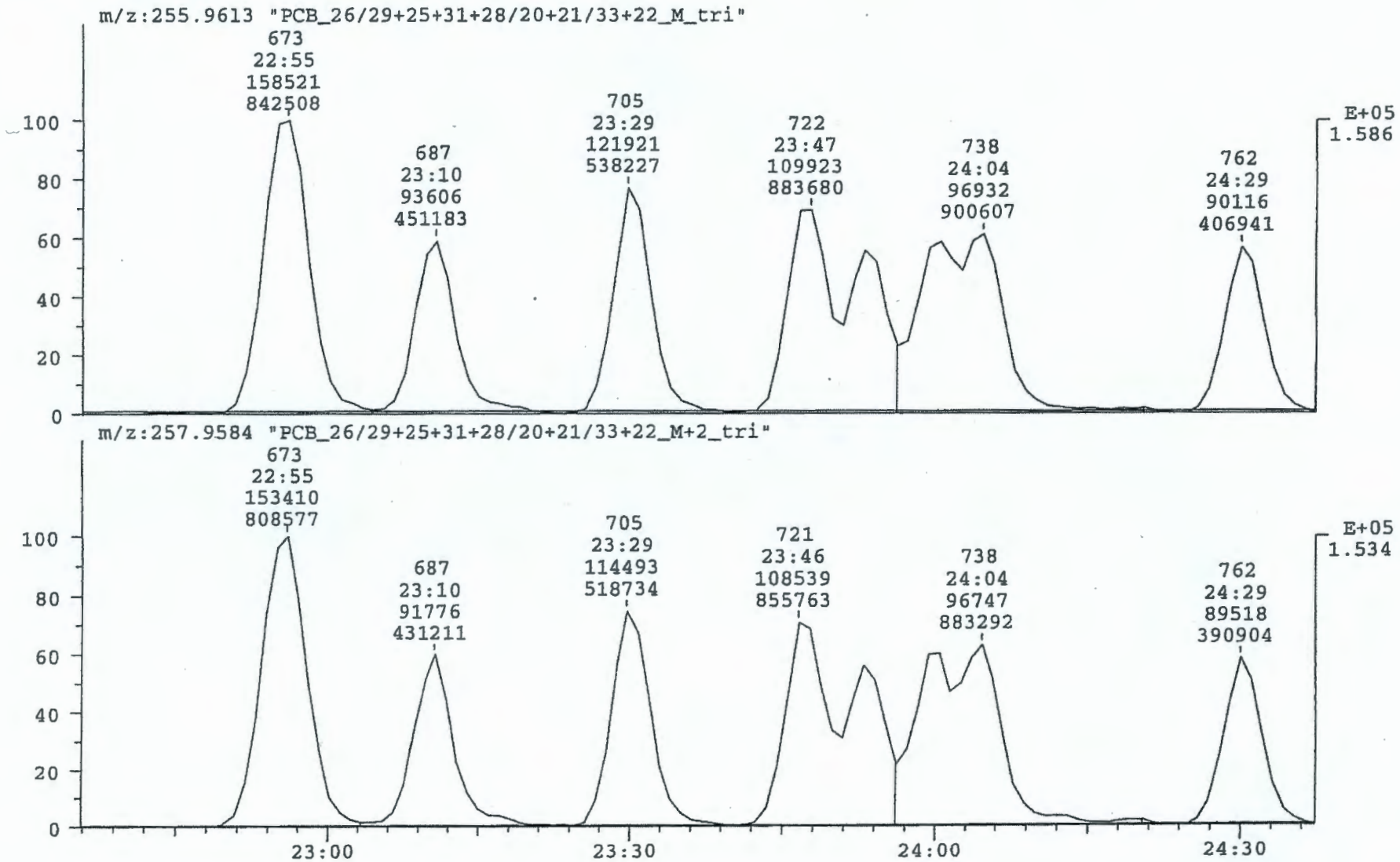
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  21:11.1      578
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   558 > 598           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



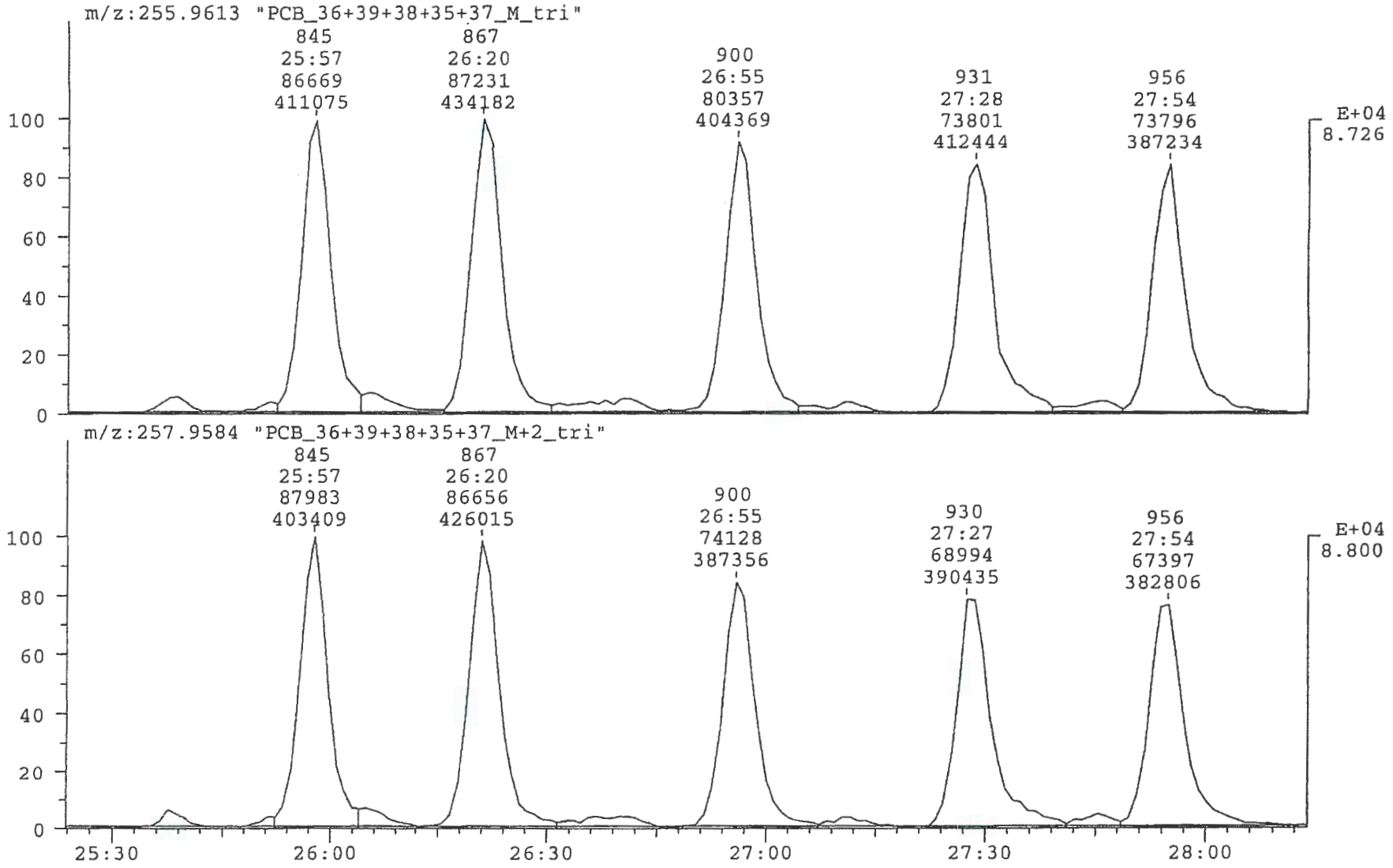
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  22:24.2      643
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   631 > 665            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



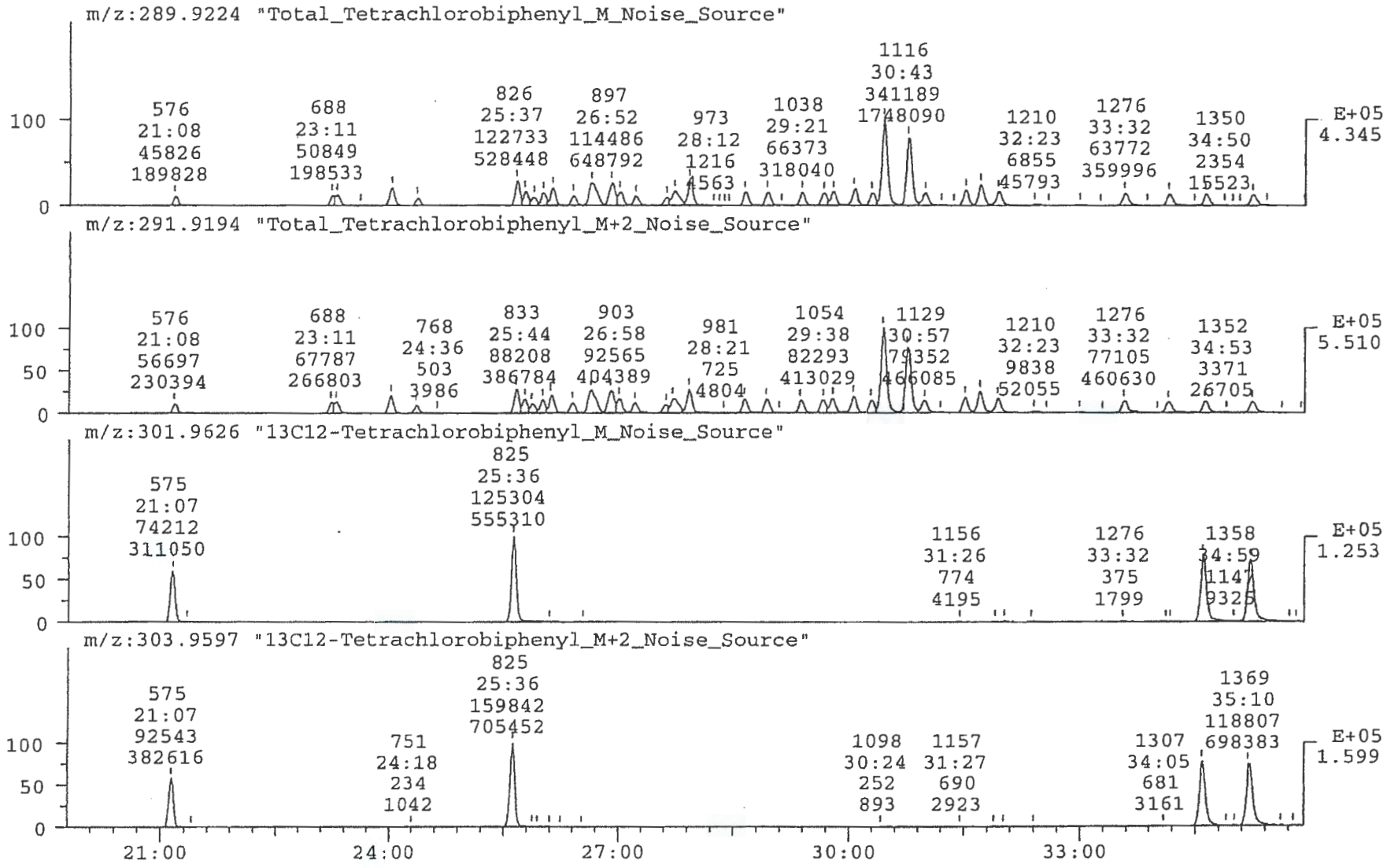
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  23:55.9      729
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   654 > 769           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8              Label :  -3, 3.0
Disp:  Height  Area
```



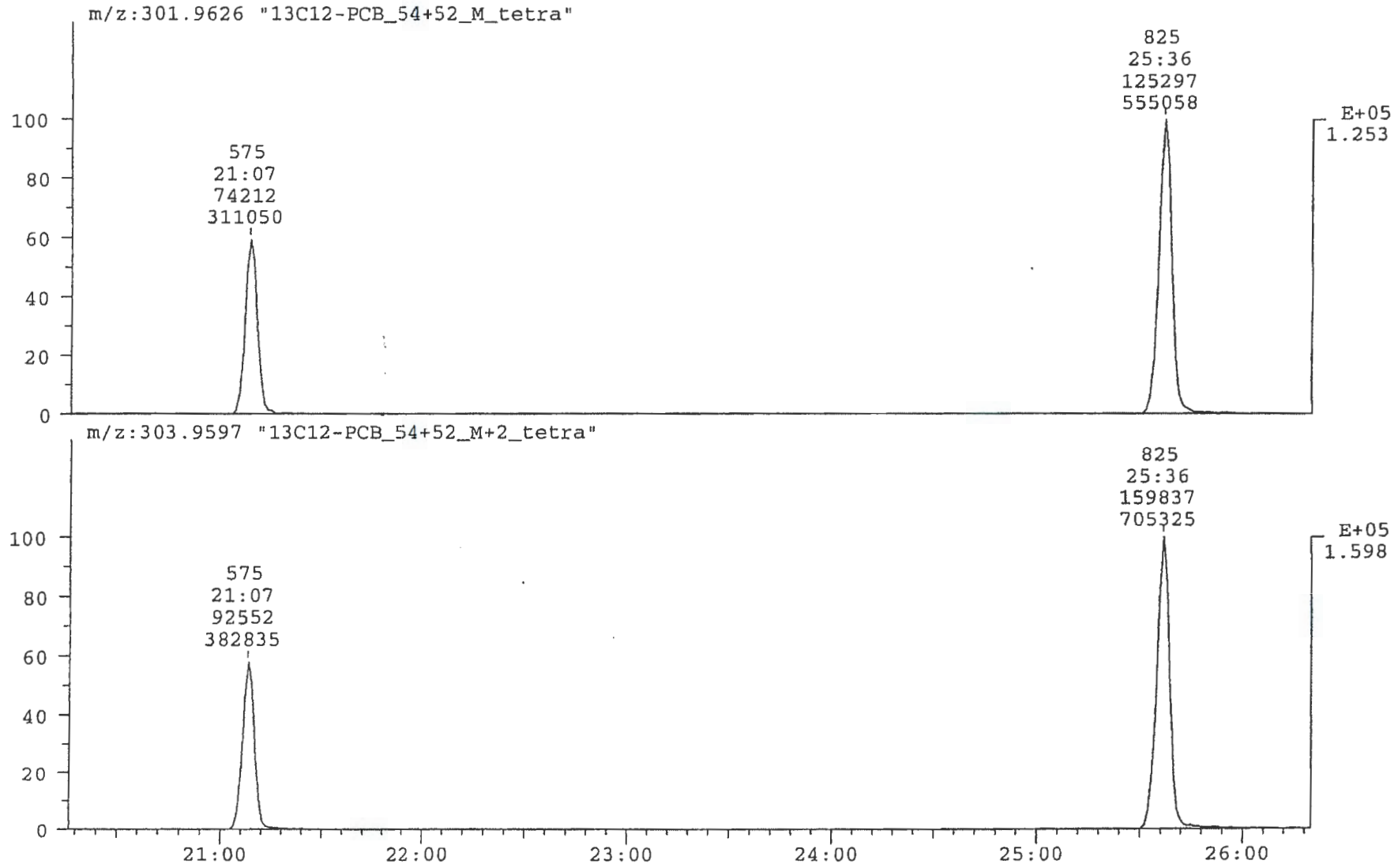
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  26:53.5      898
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   813 > 974            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  27:50.6      952
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   499 > 1410          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

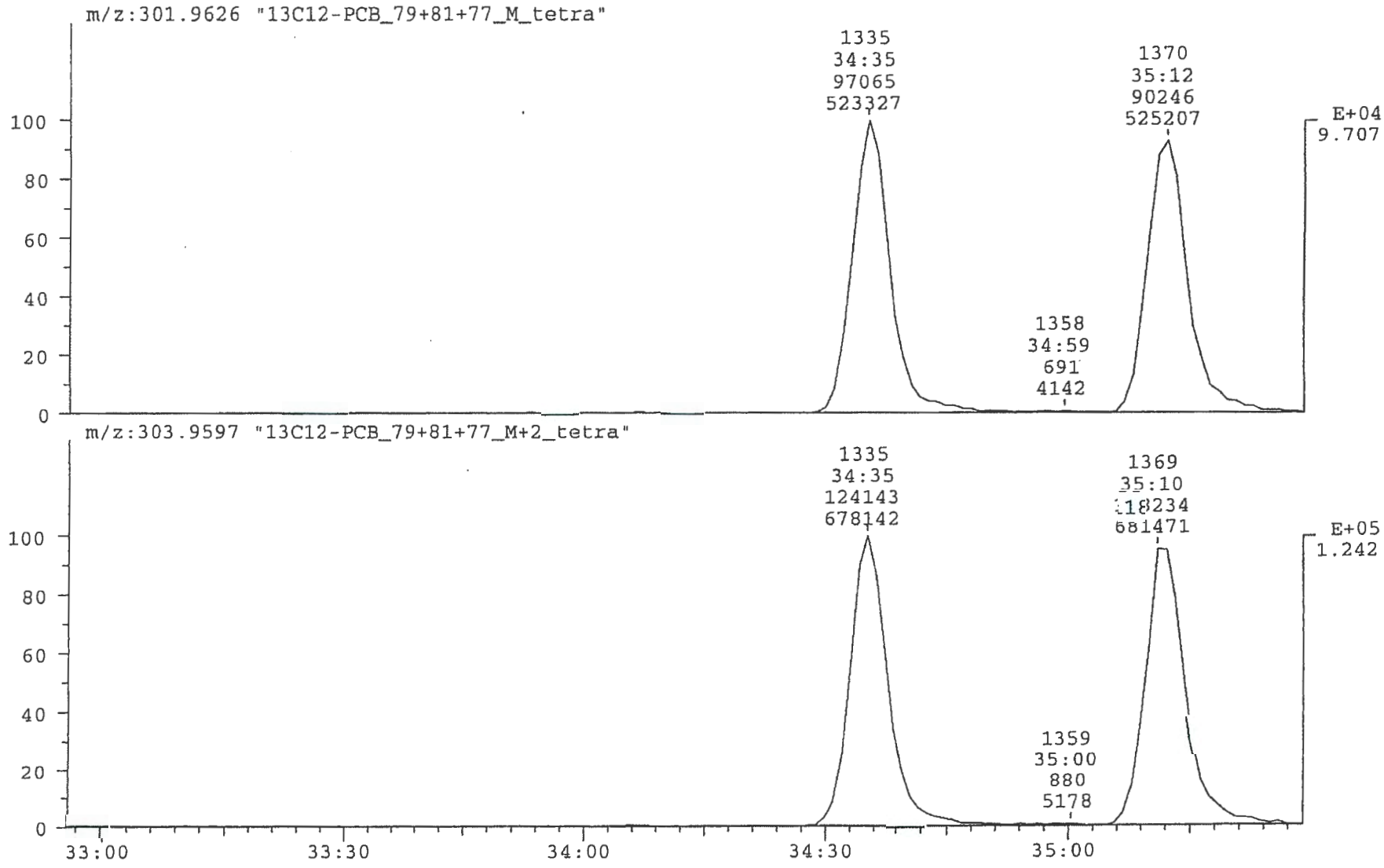


```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  23:20.2      696
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   526 > 866            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



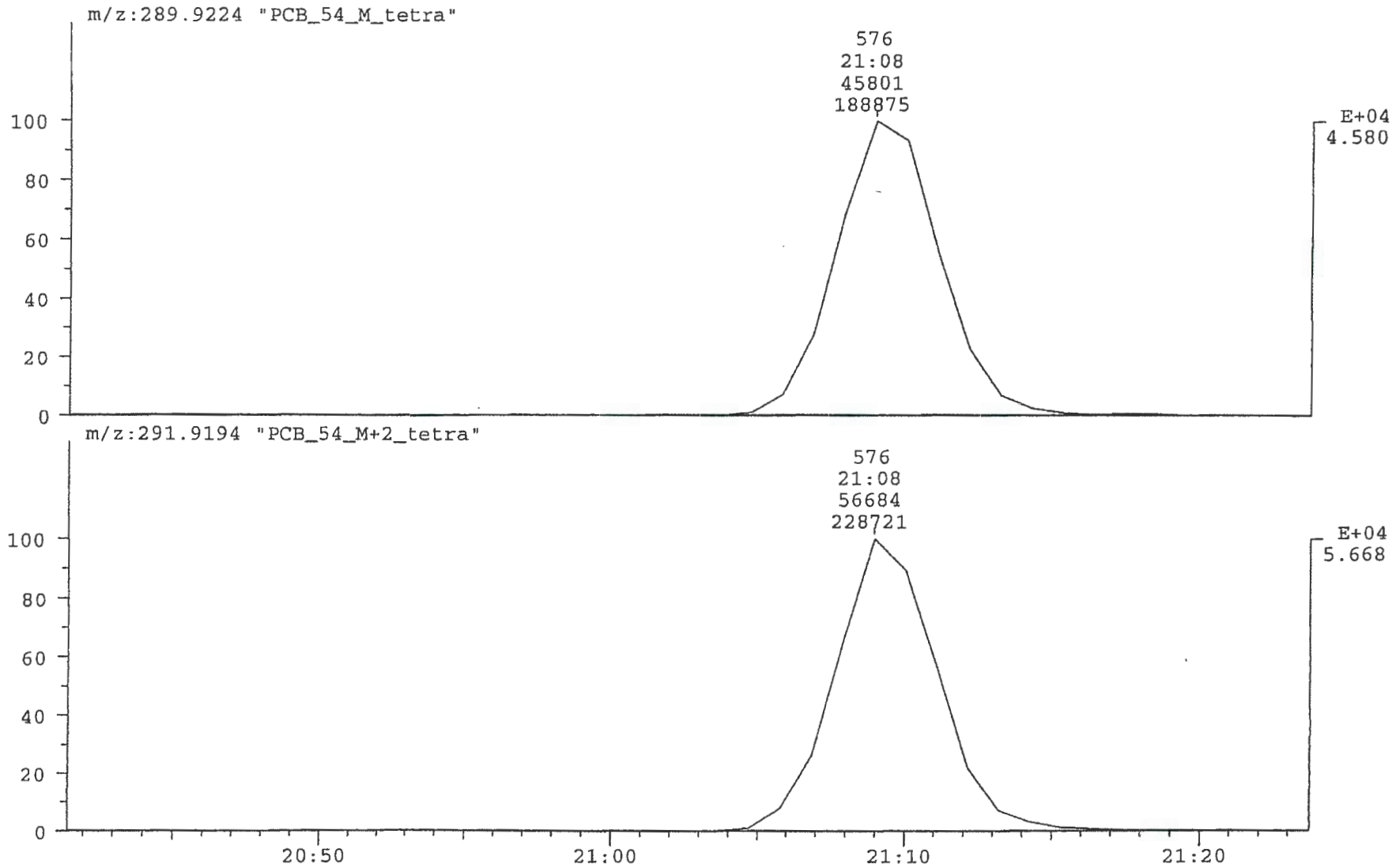
2820

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  34:09      1311
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1241 > 1386         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



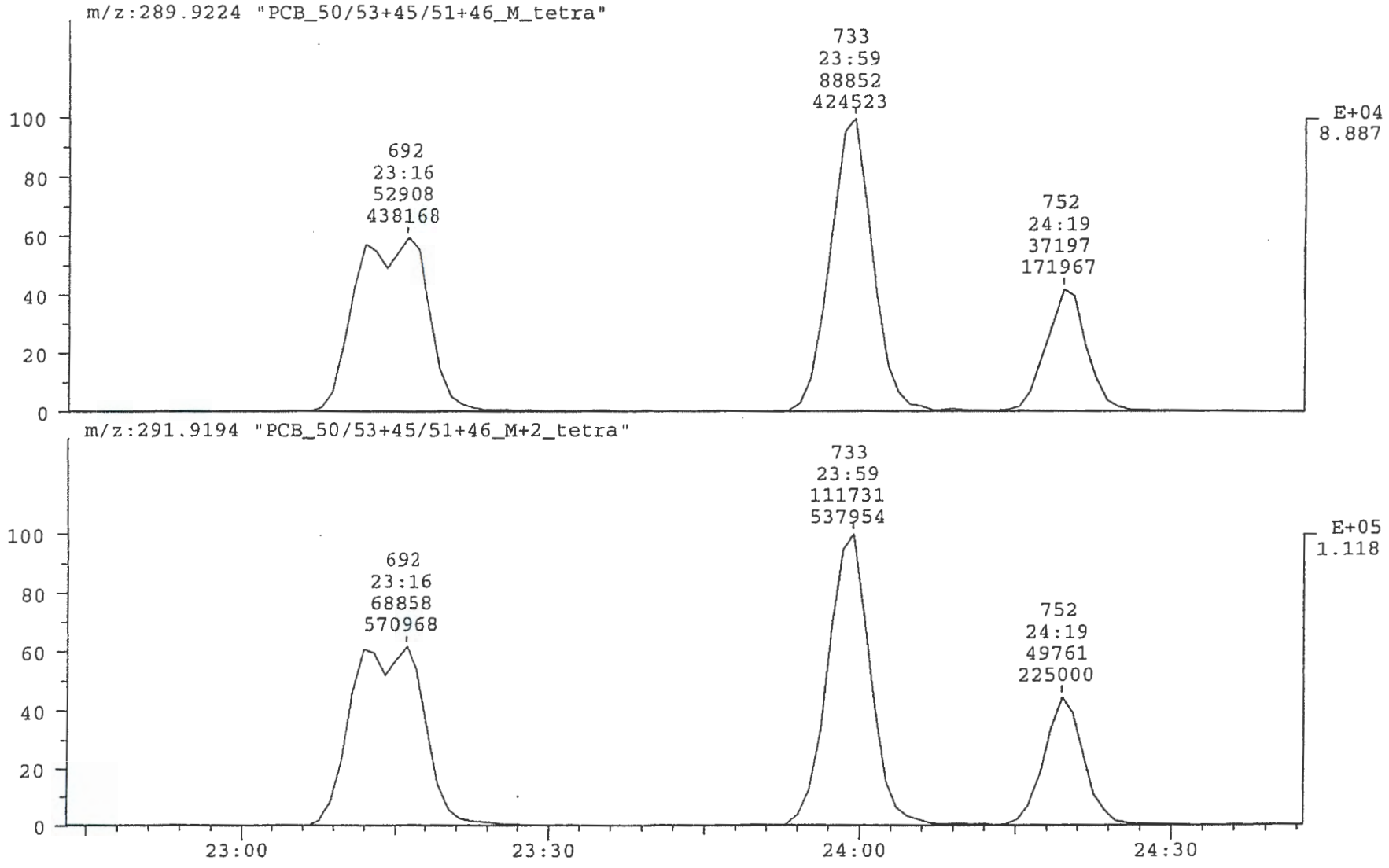
2821

```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  21:02.6      570
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   550 > 590            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



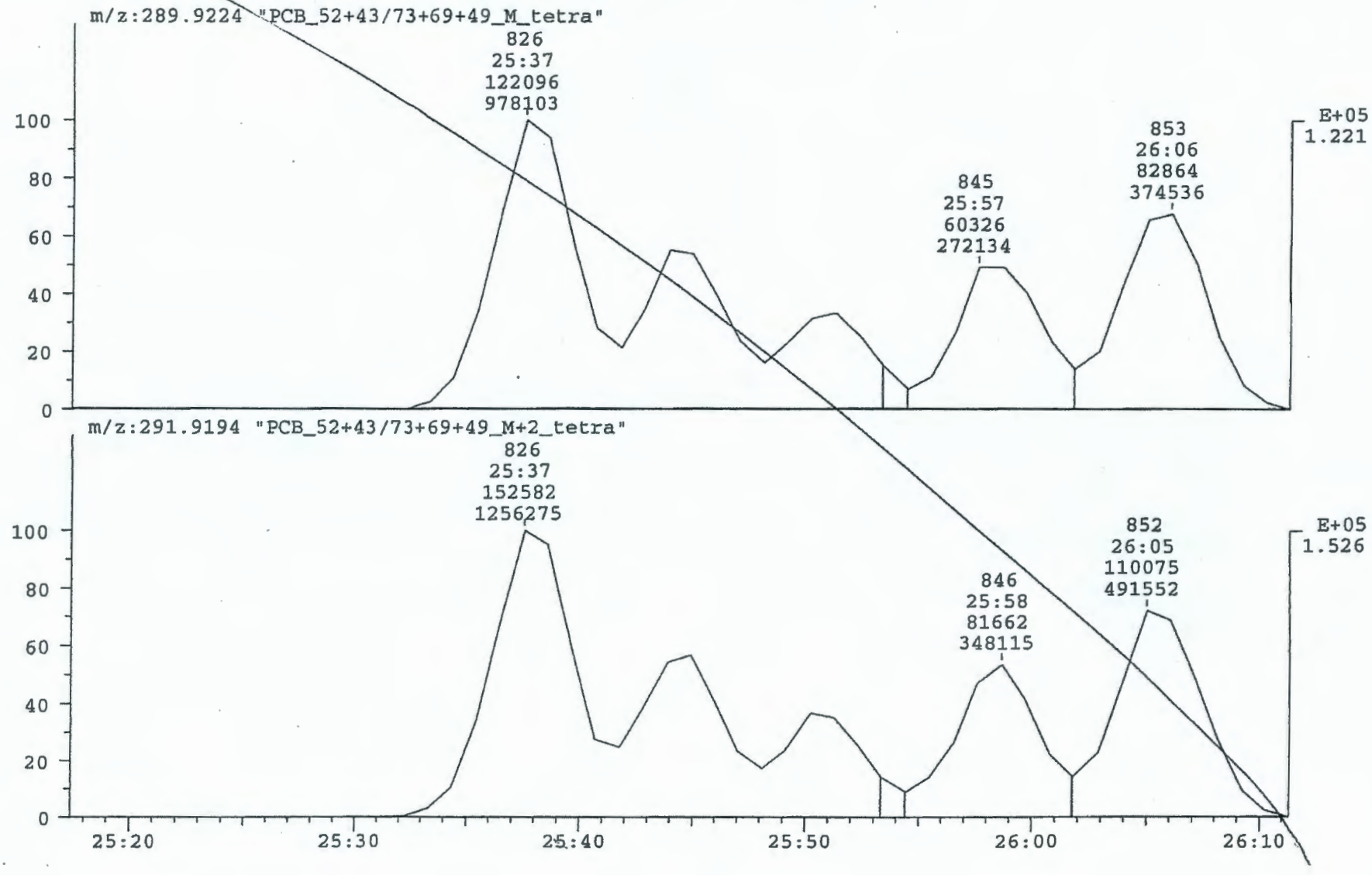
2822

```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  23:49.7      724
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   661 > 774            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```

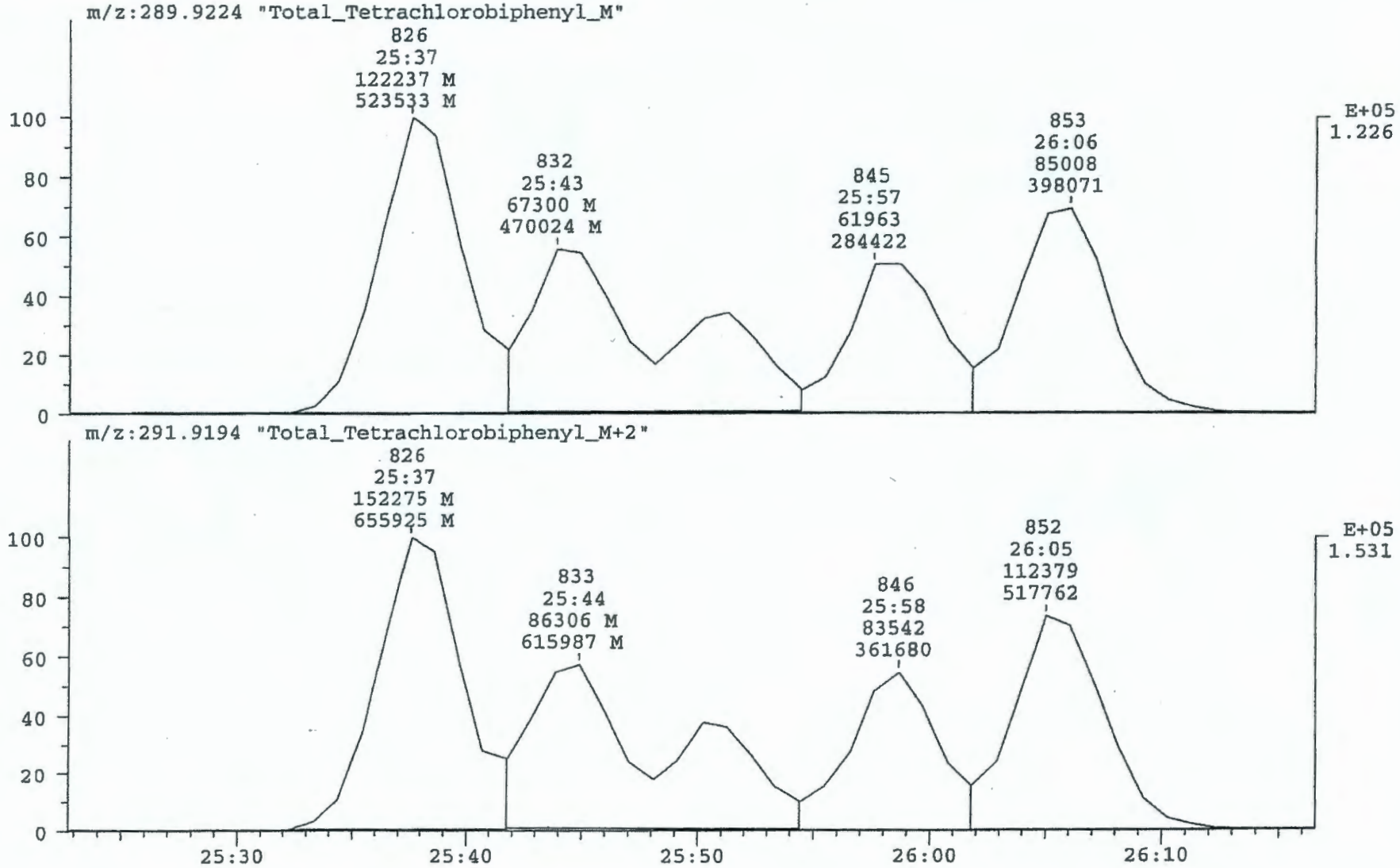


2823

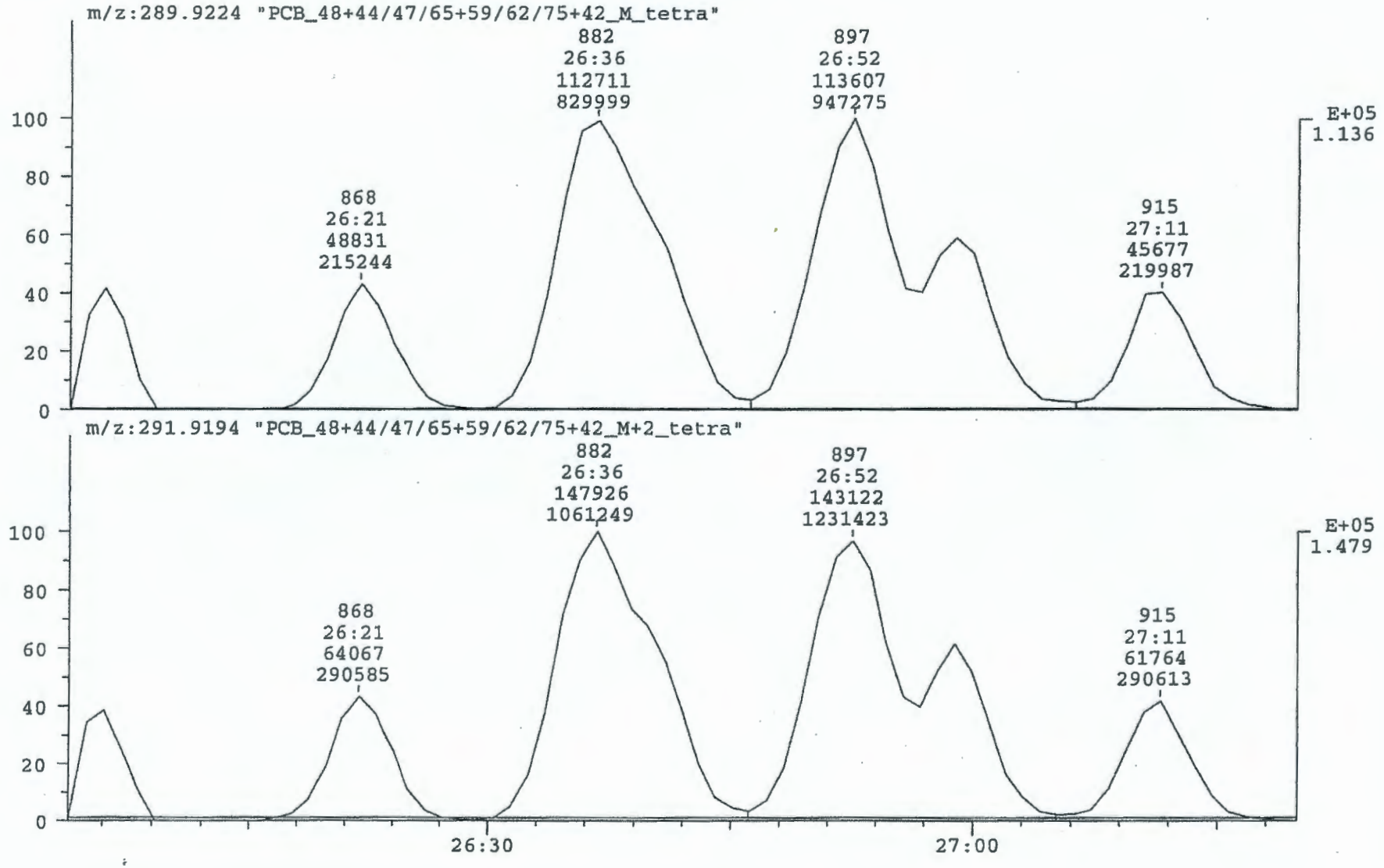
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  25:52.3      840
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   807 > 858           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5              Label :  -3, 3.0
Disp:  Height  Area
```



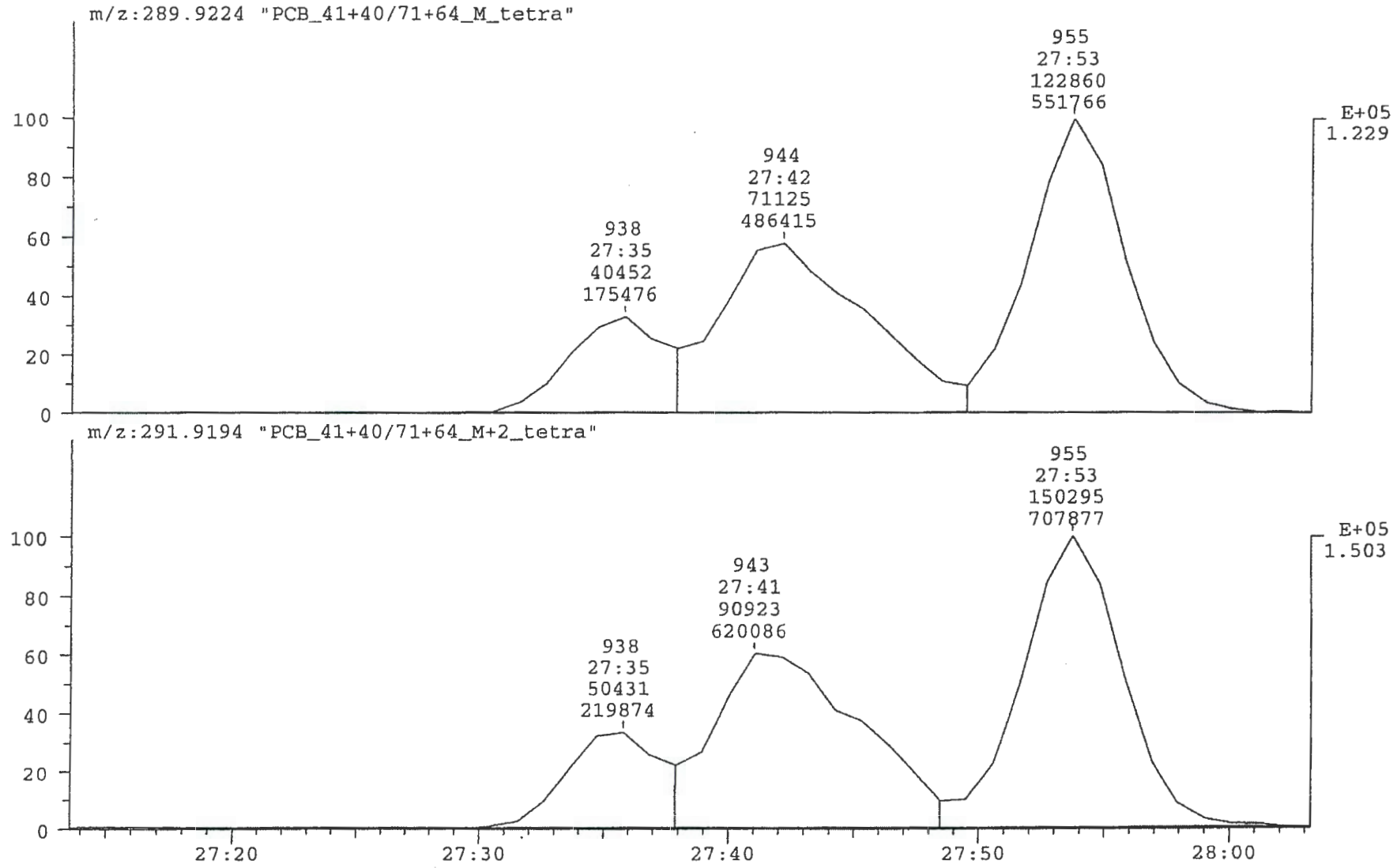
CHRO: apj64jxd 28-Sep-07 Elapse: 56:11 2554
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 812 > 863 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



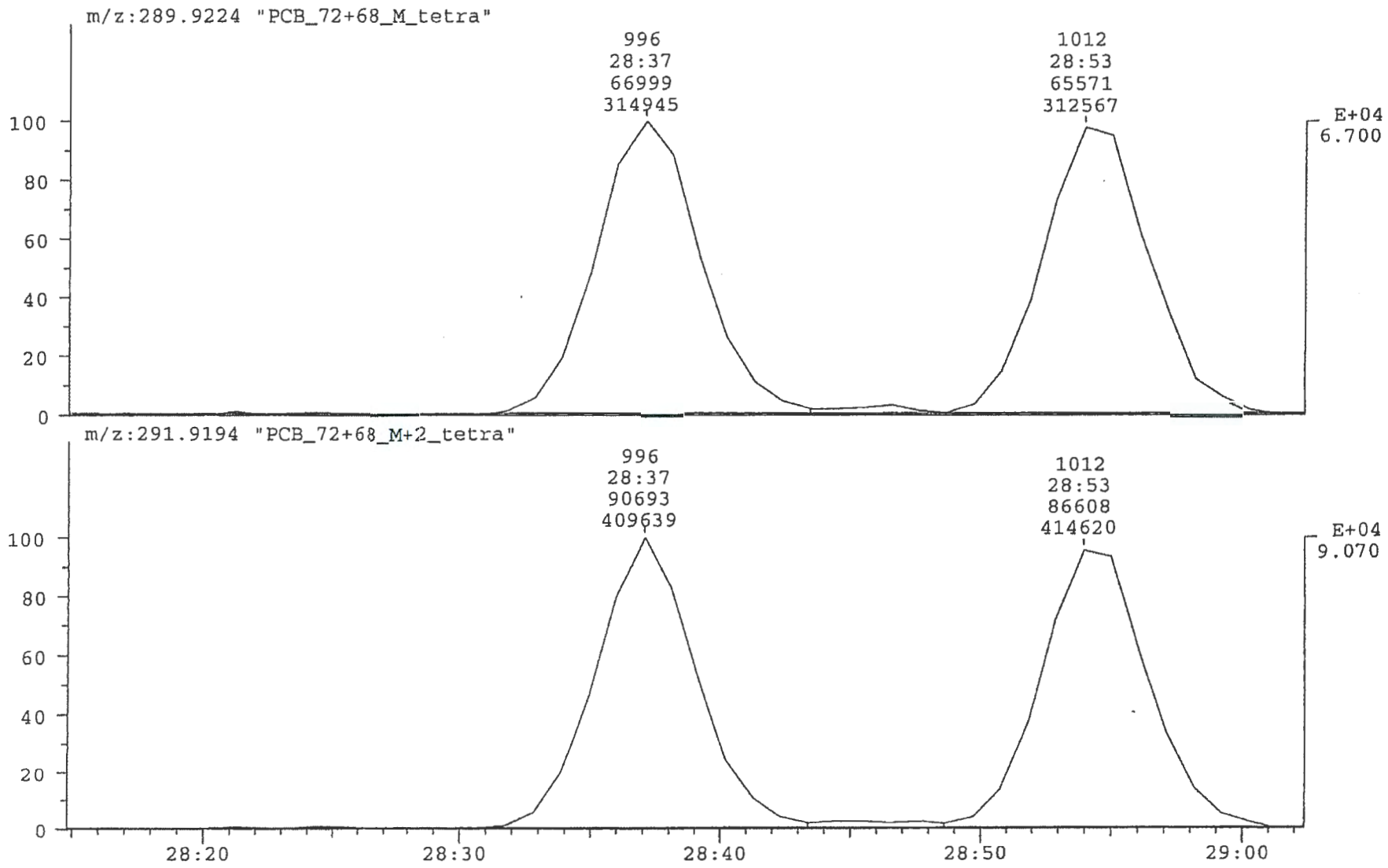
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  26:46.1      891
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   851 > 923            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



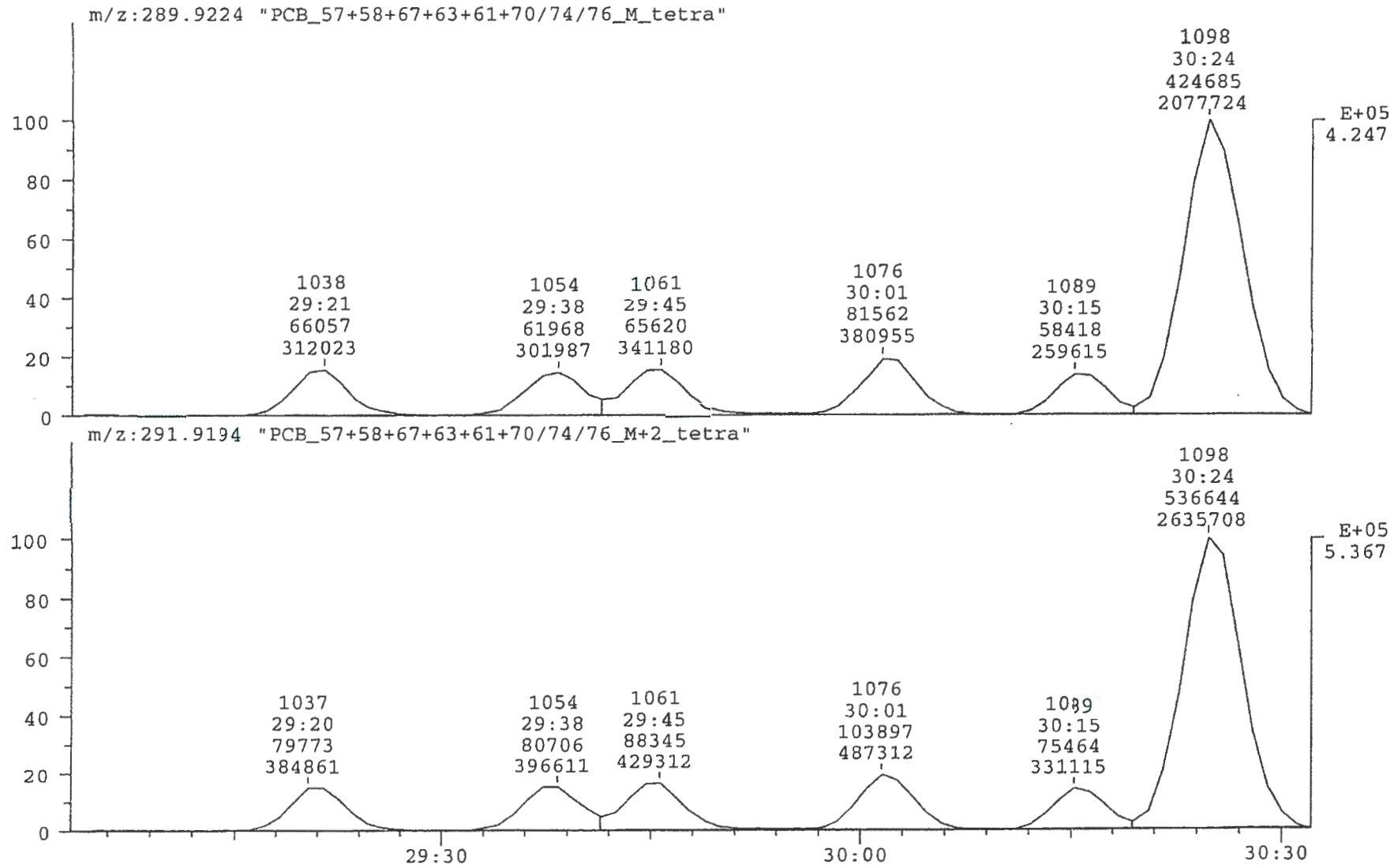
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  27:47.3      949
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   917 > 964           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  28:46      1005
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   975 > 1020          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```

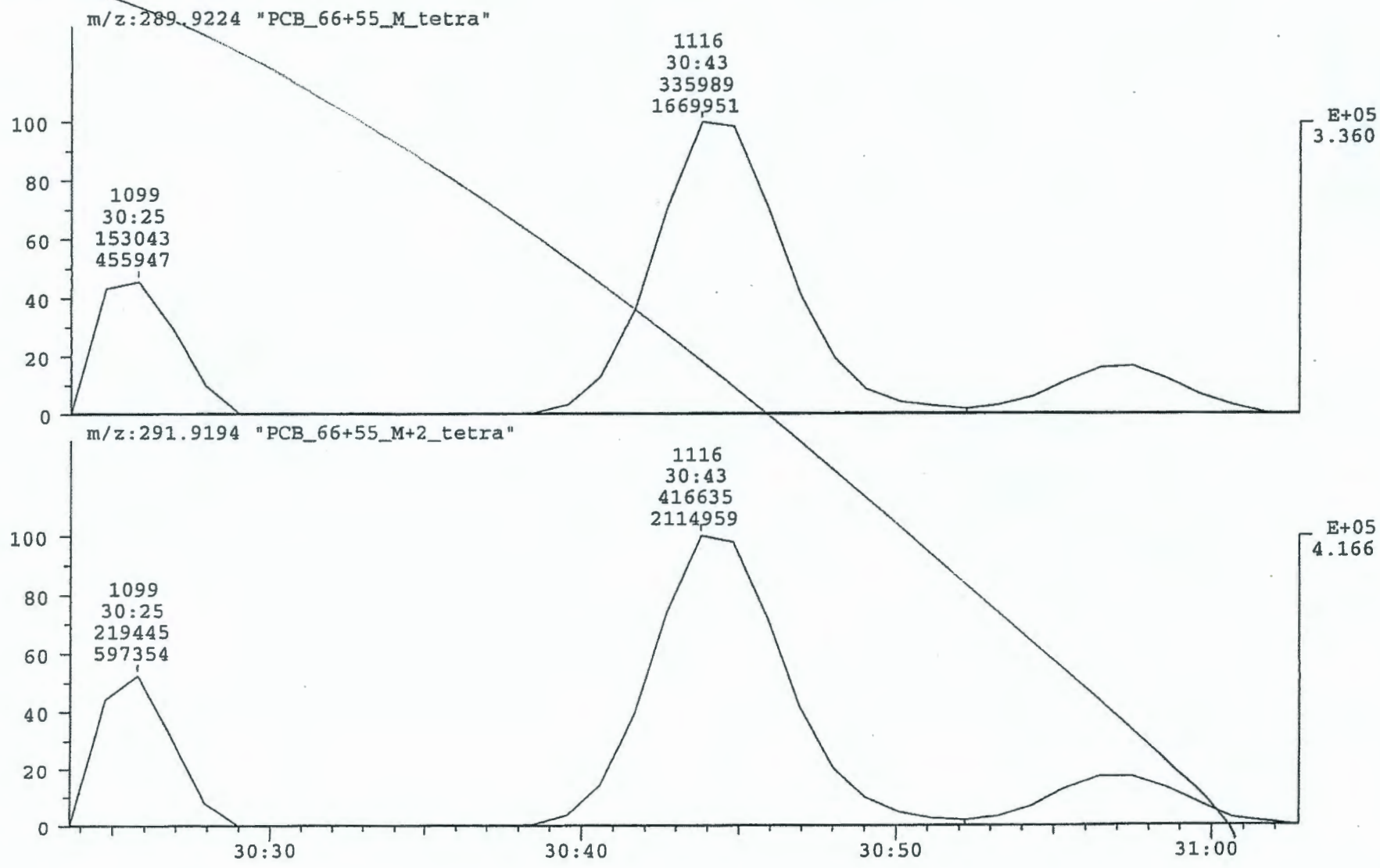


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  29:53      1068
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1021 > 1105         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

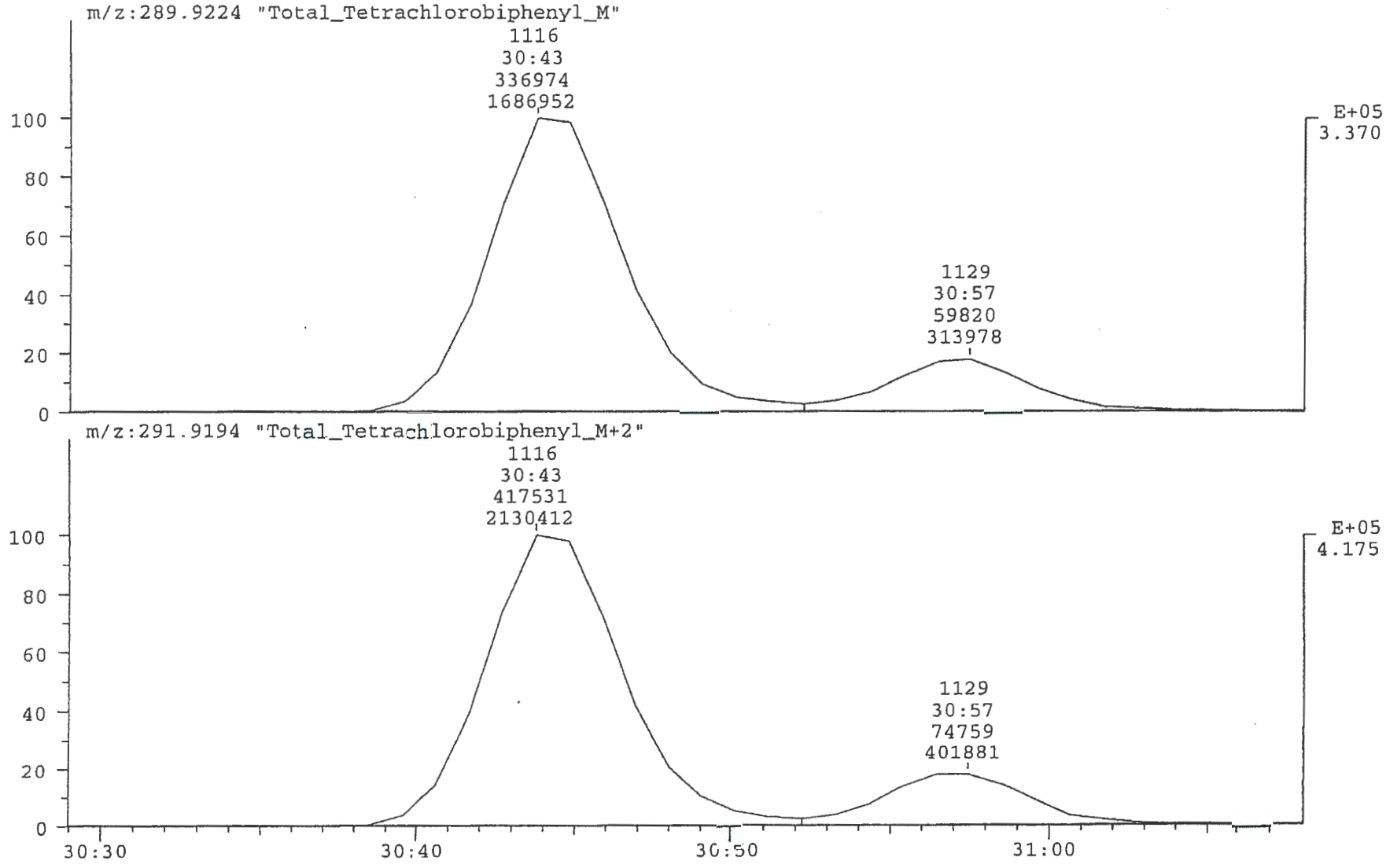


2829

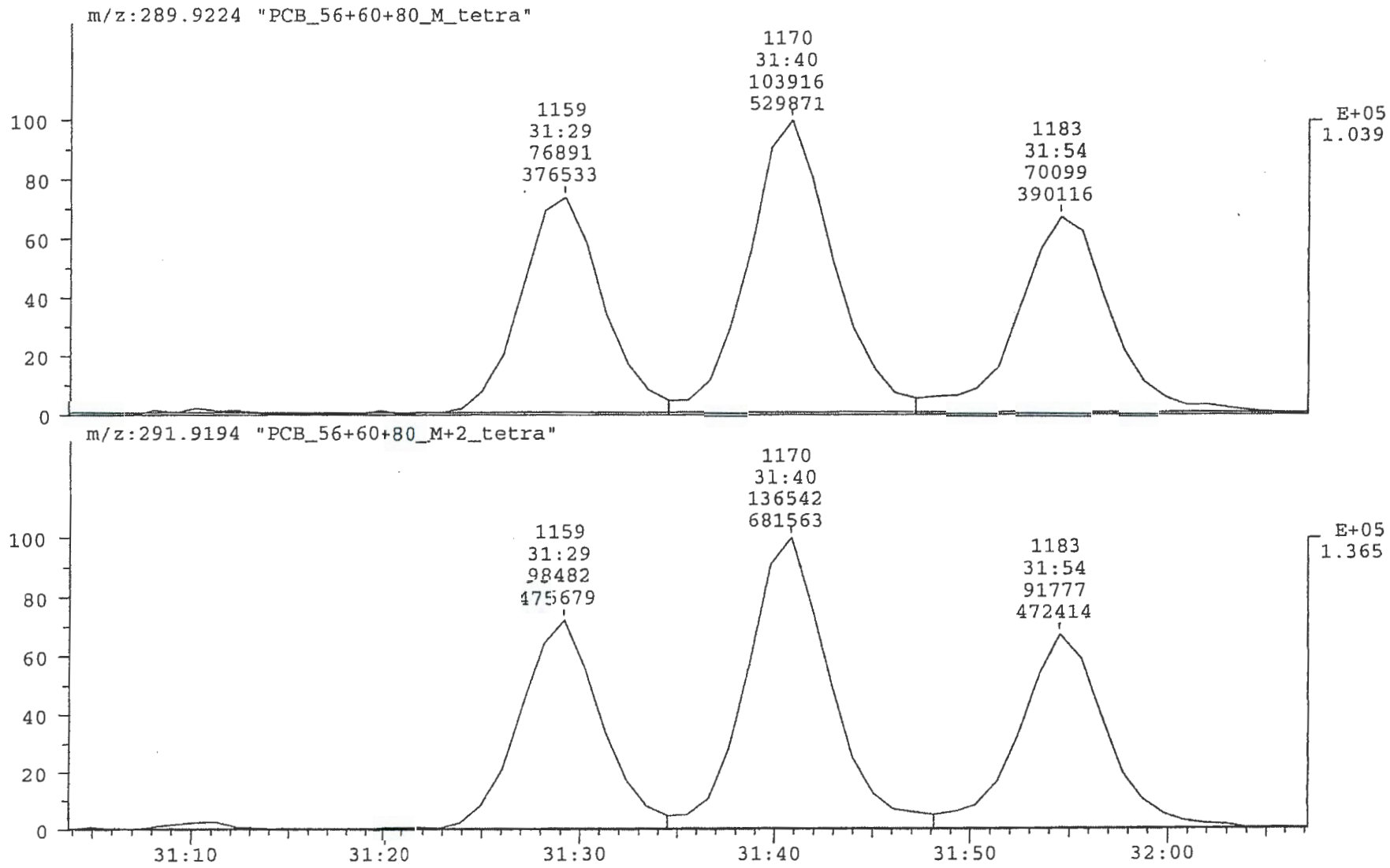
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  30:50      1122
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 37
Peak:  100.00  ppm      Label wndw:   1097 > 1134         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



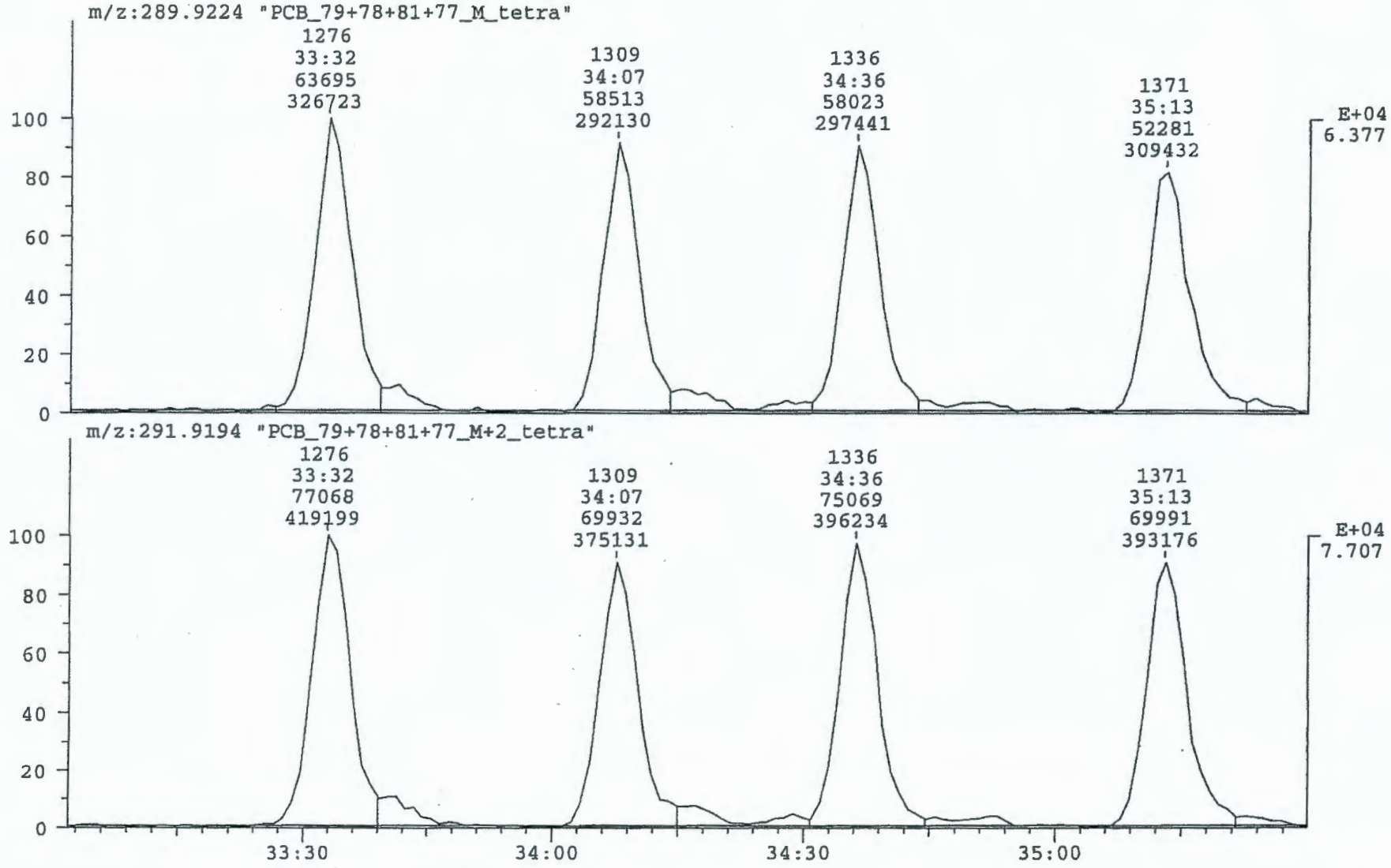
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1102 > 1139          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```



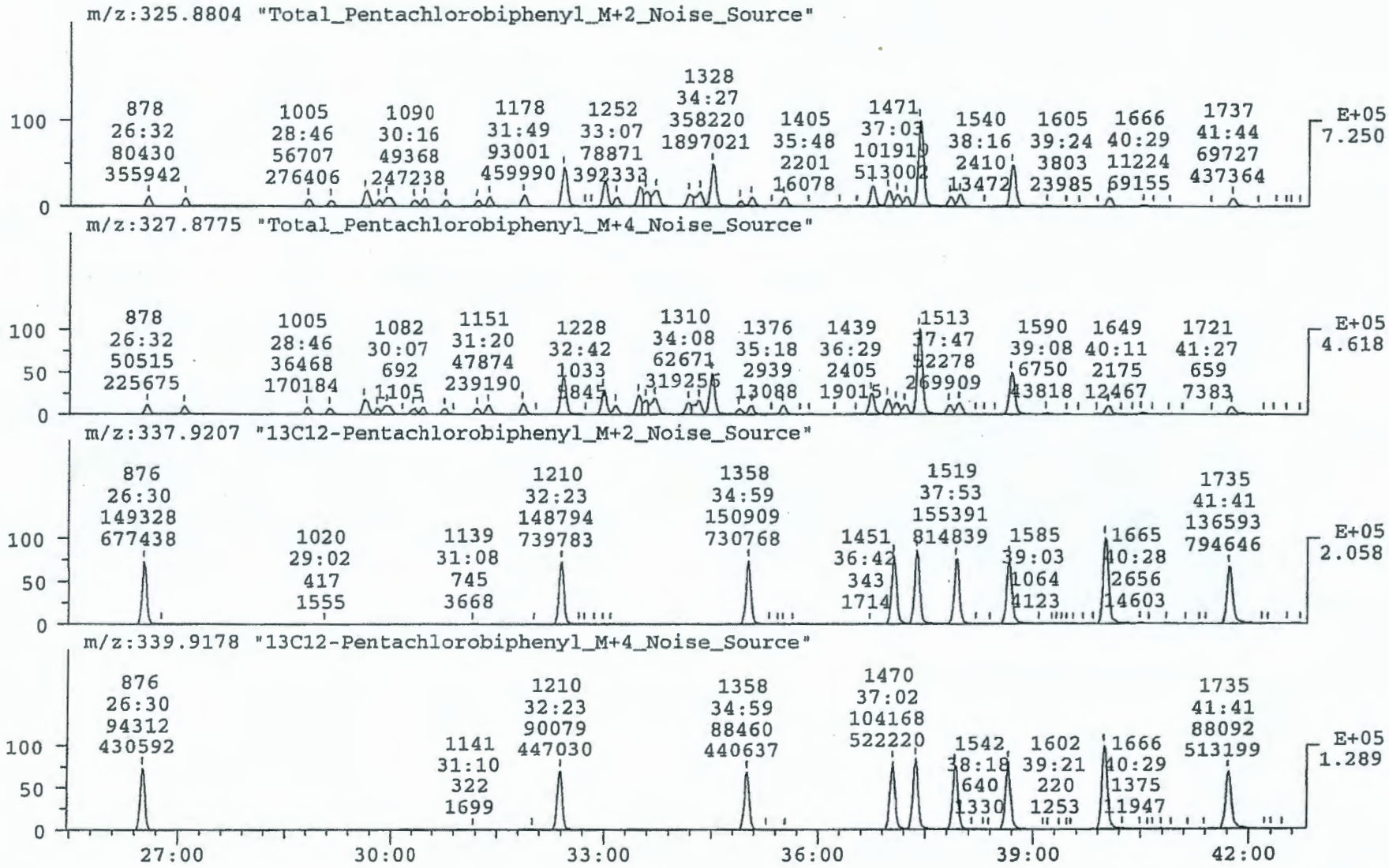
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  31:40      1170
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=mld/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1135 > 1195         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



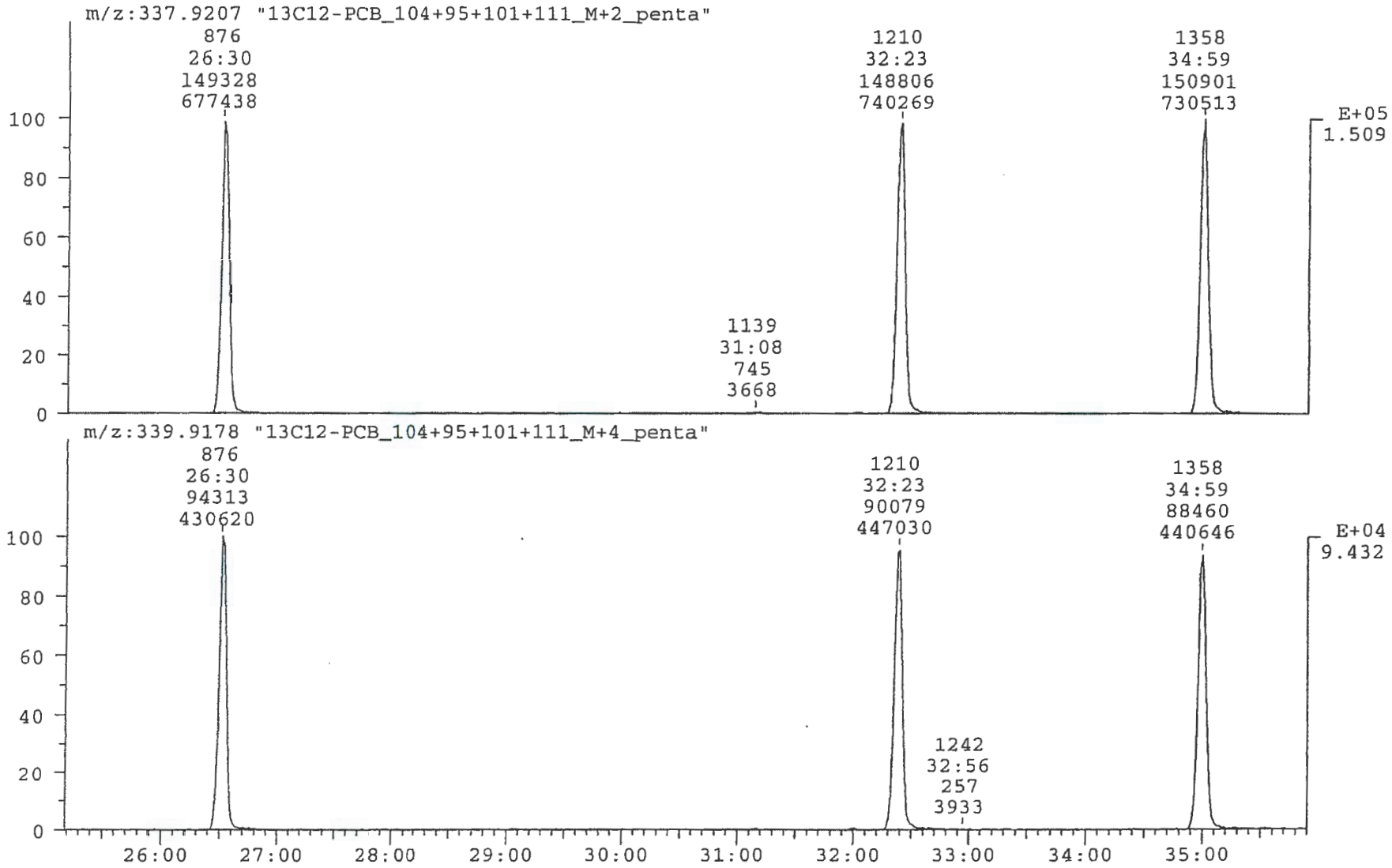
CHRO: apj64jxd 28-Sep-07 Elapse: 34:10 1312
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1247 > 1387 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



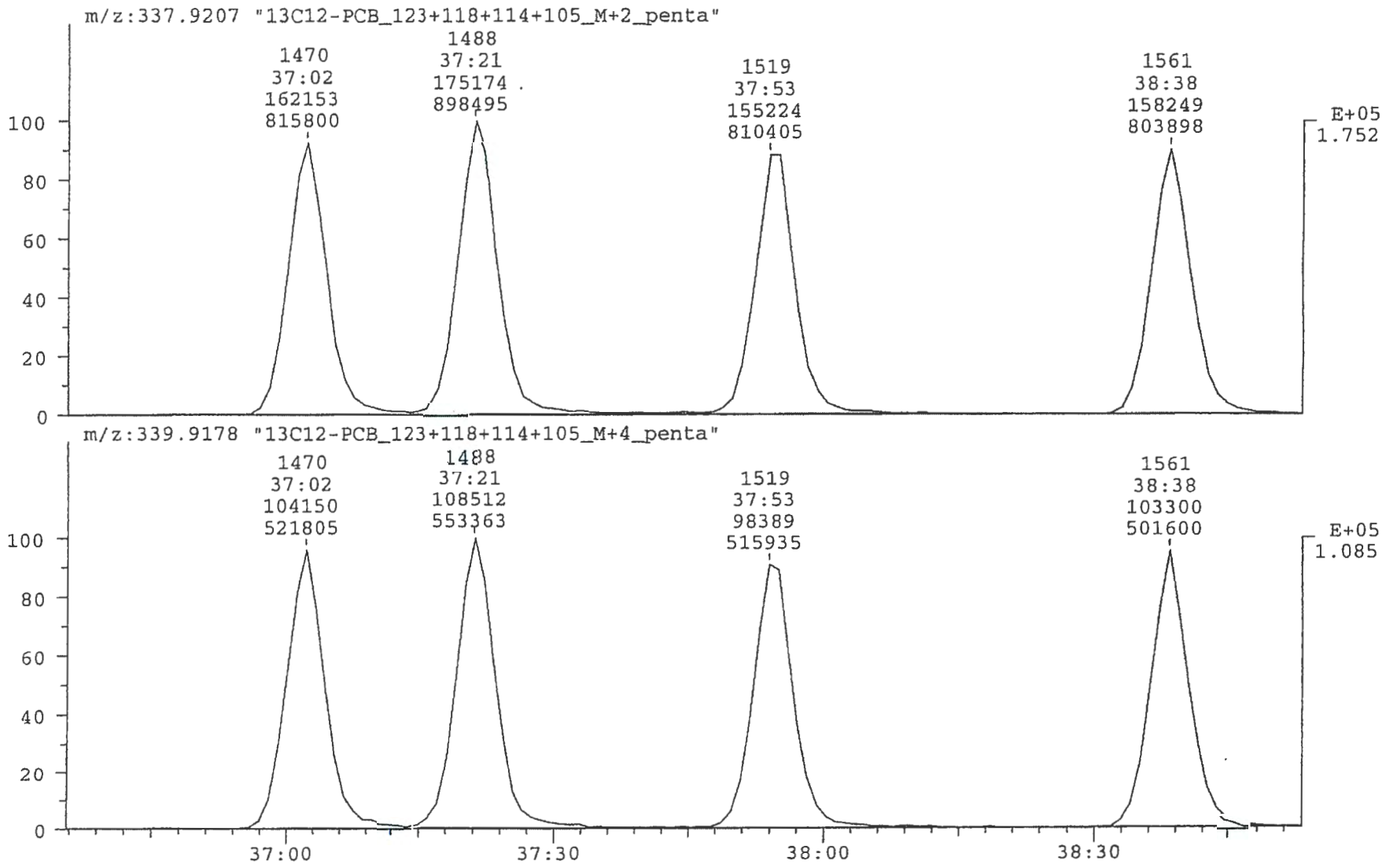
CHRO: apj64jxd 28-Sep-07 Elapse: 34:07 1309
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 817 > 1797 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



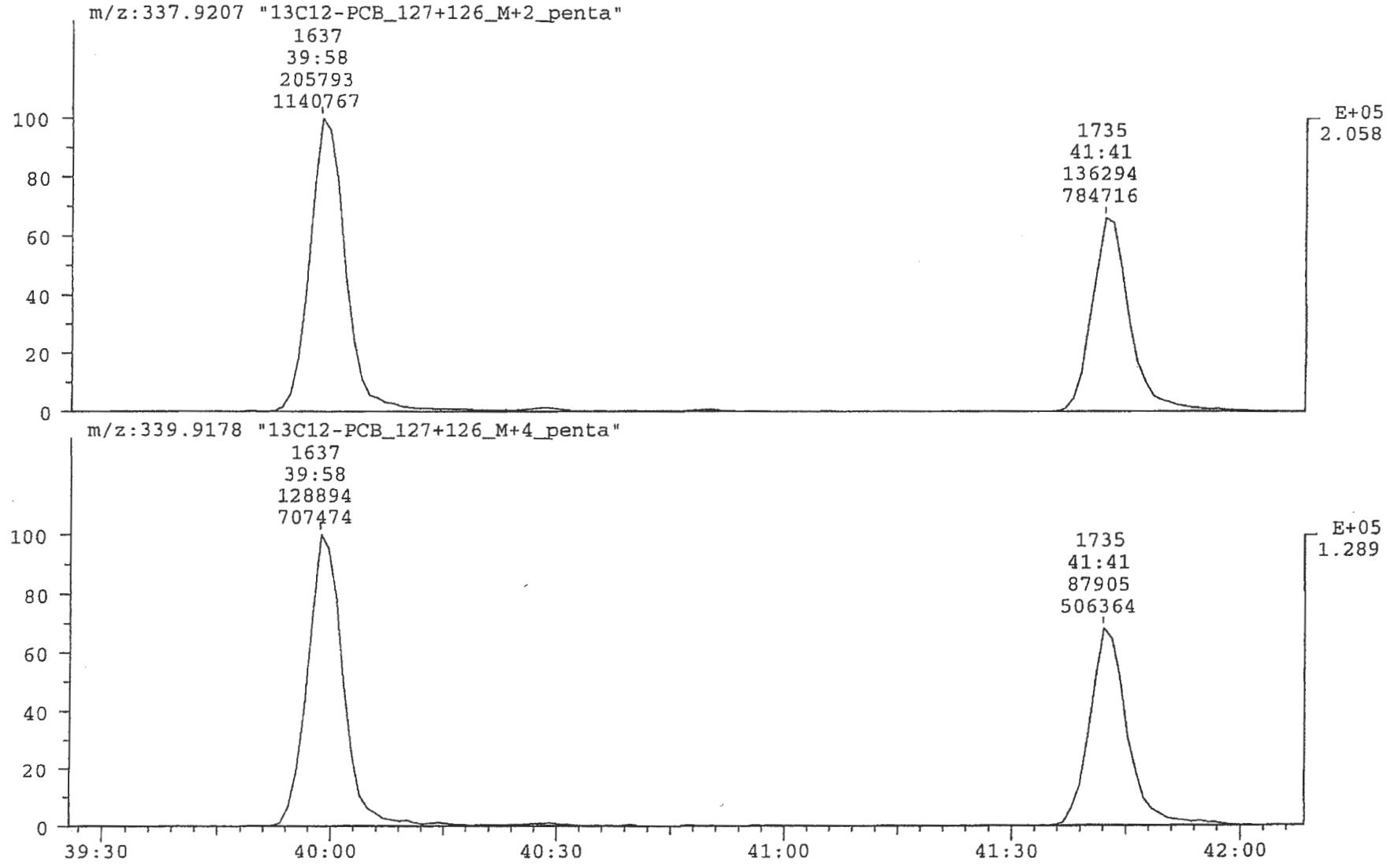
CHRO: apj64jxd 28-Sep-07 Elapse: 30:32 1105
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 801 > 1410 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



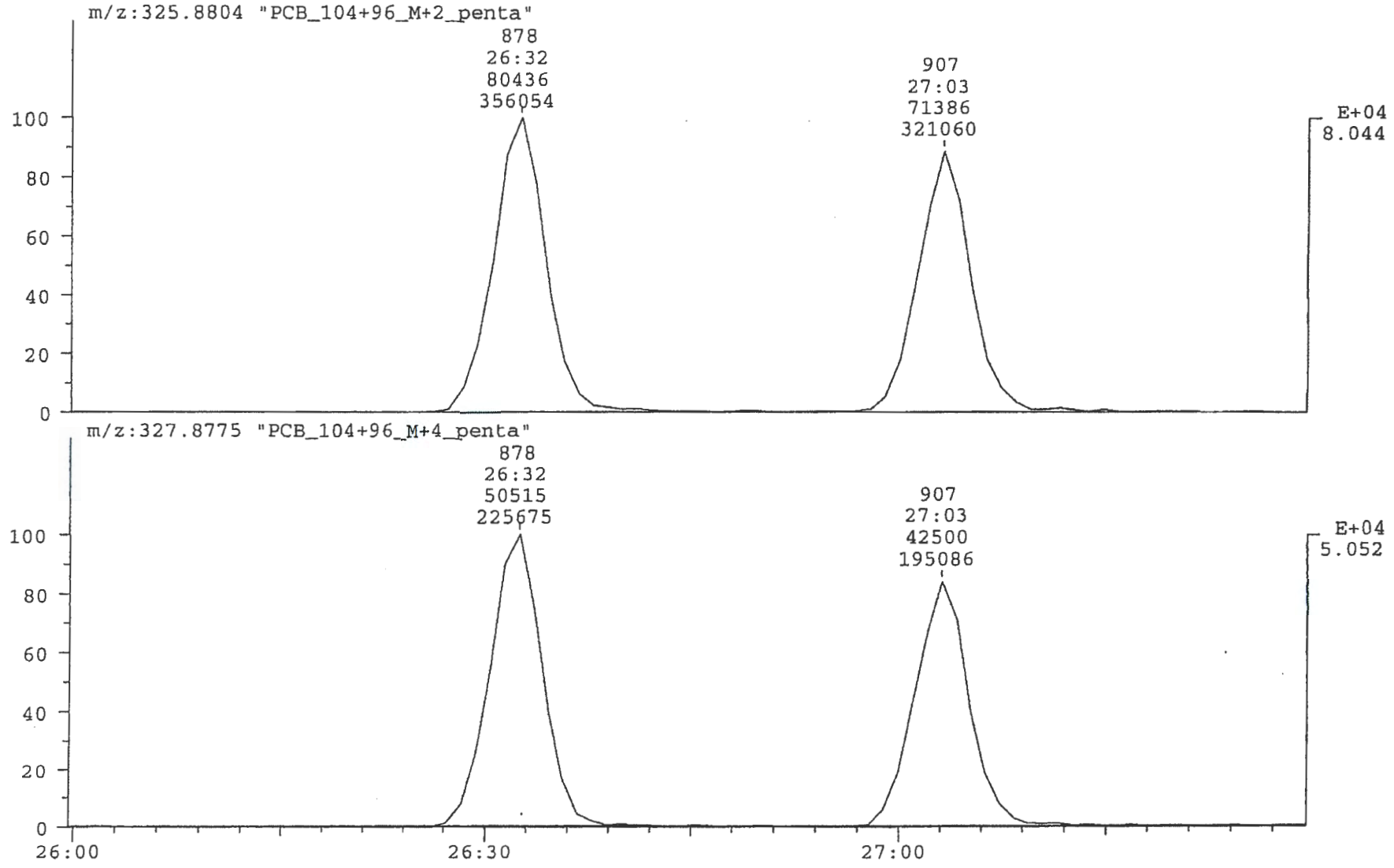
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  37:49      1515
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1445 > 1575          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



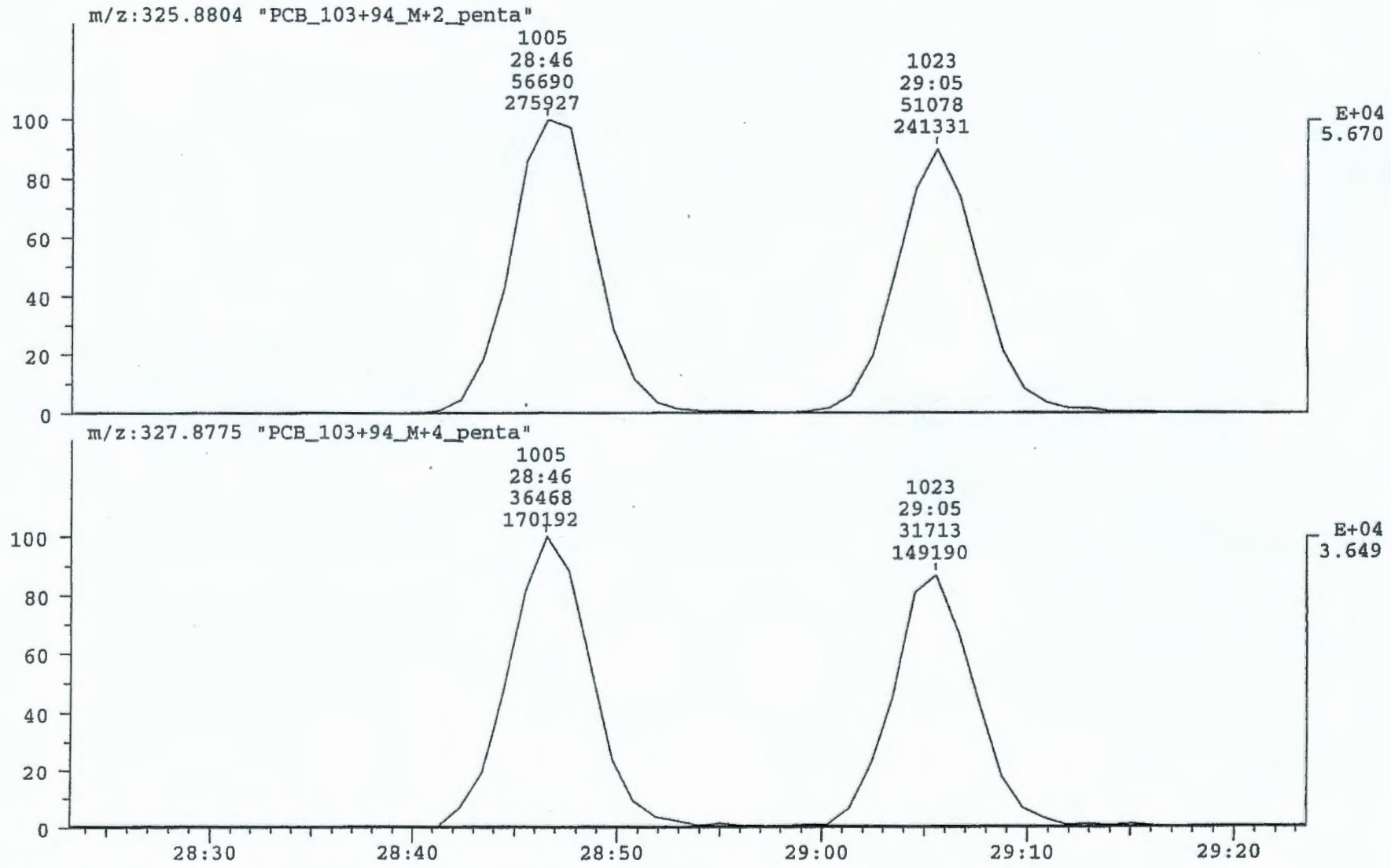
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  40:50      1686
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1606 > 1760          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



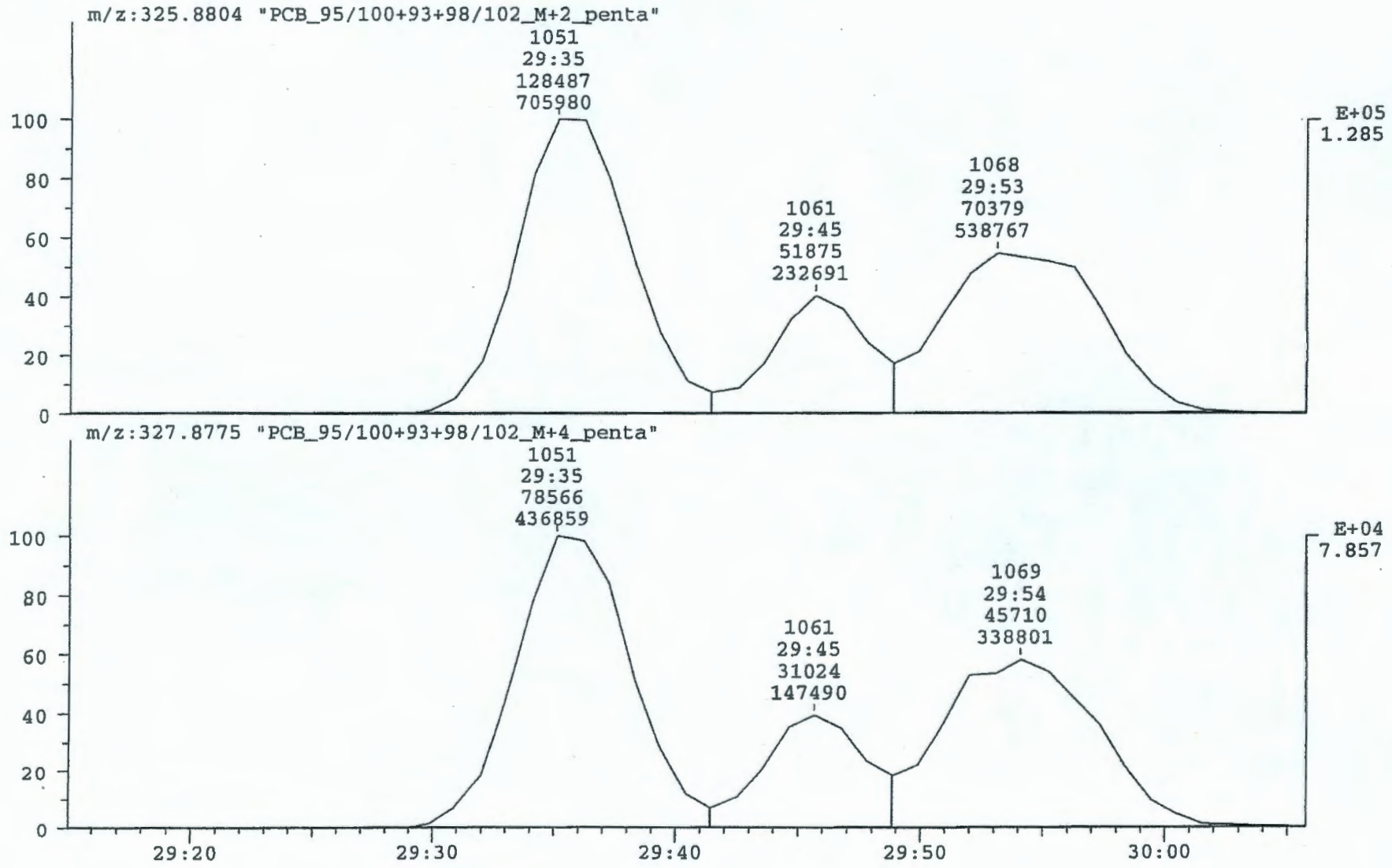
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  26:47.2      892
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47    2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC      Vial  37
Peak:  100.00  ppm      Label wndw:   847 > 932            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



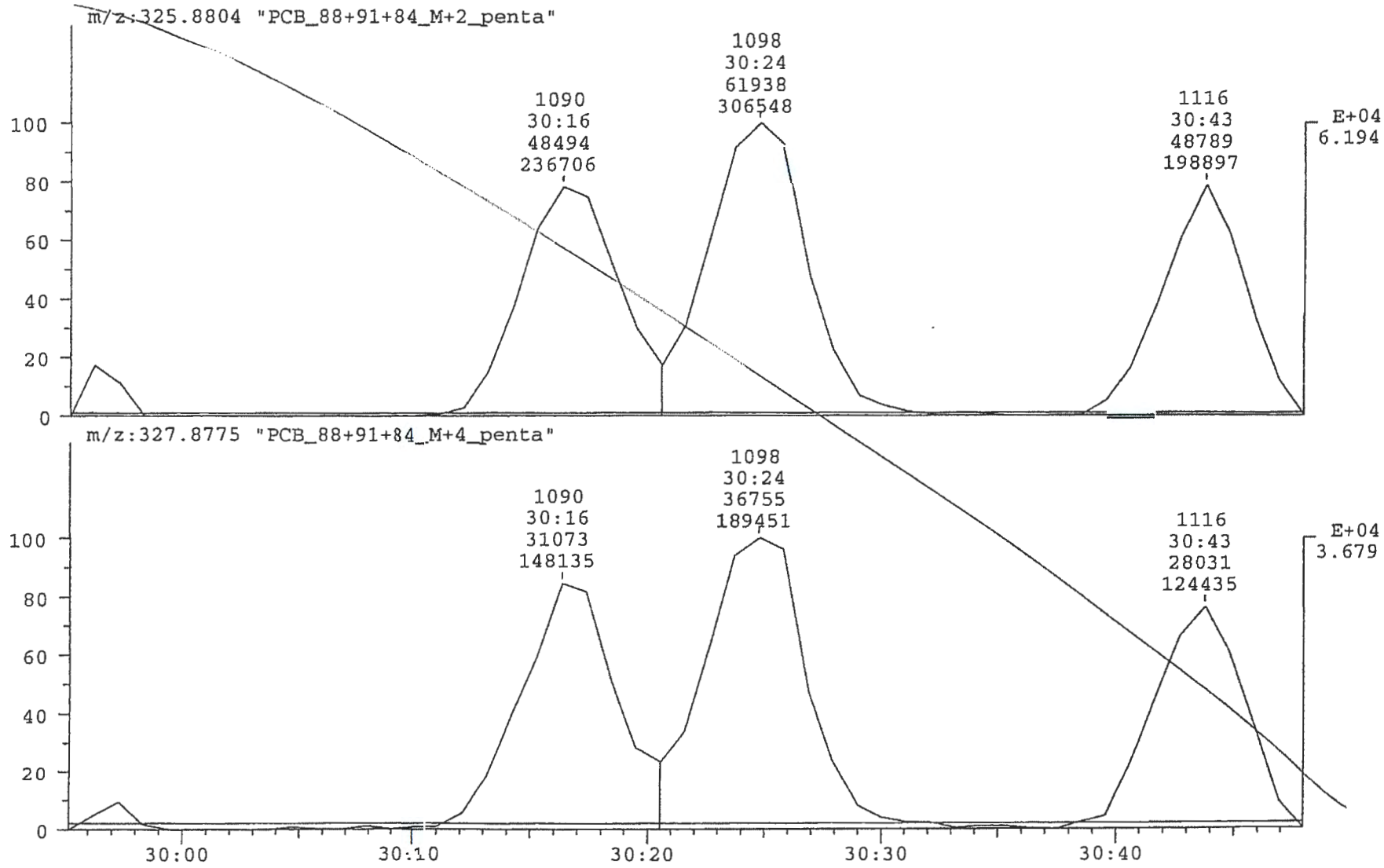
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  28:58      1016
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   983 > 1040           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: apj64jxd 28-Sep-07 Elapse: 29:43 1059
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1032 > 1080 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 4 Label : -3, 3.0
Disp: Height Area

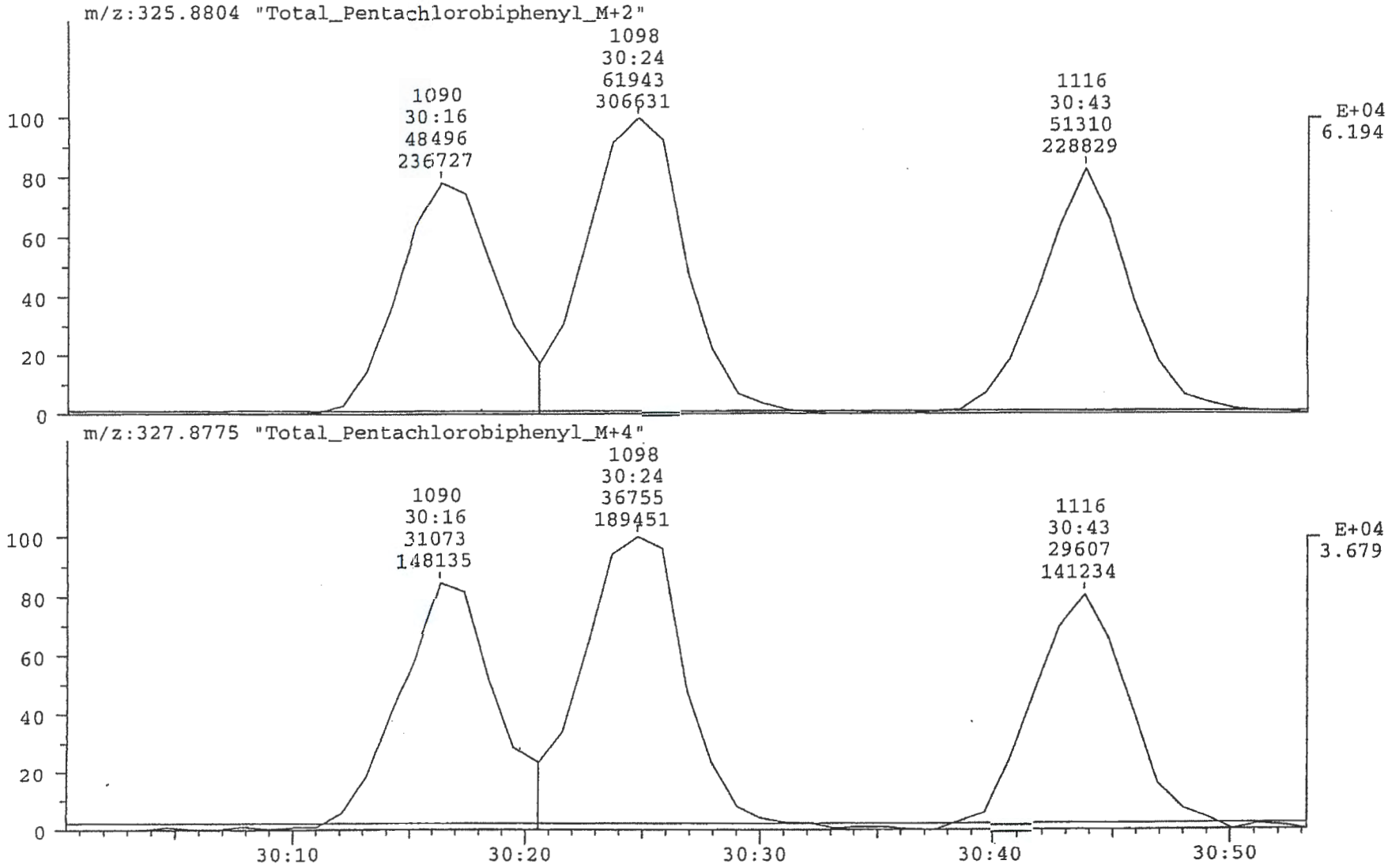


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  30:30      1103
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1070 > 1120         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```

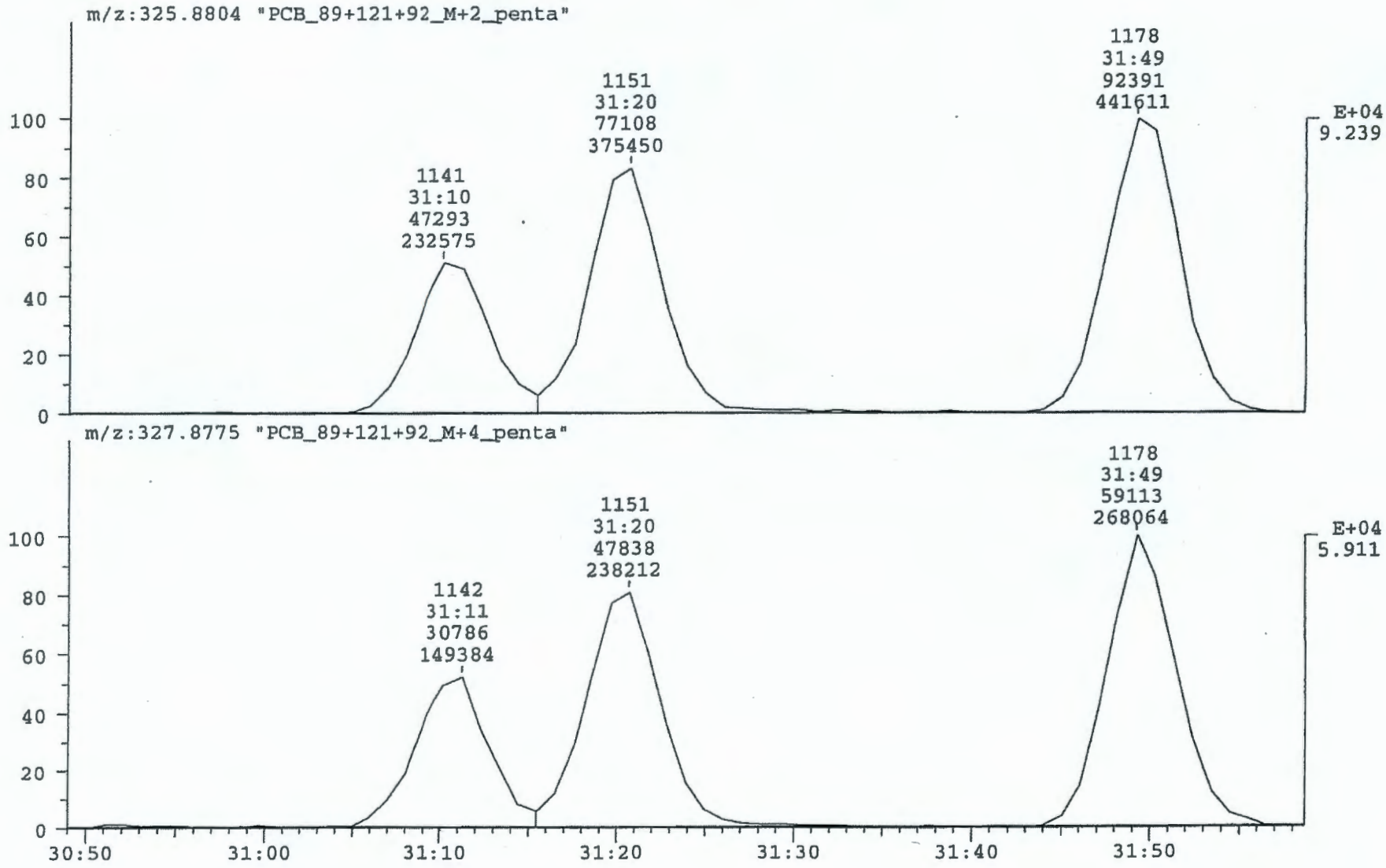


2841

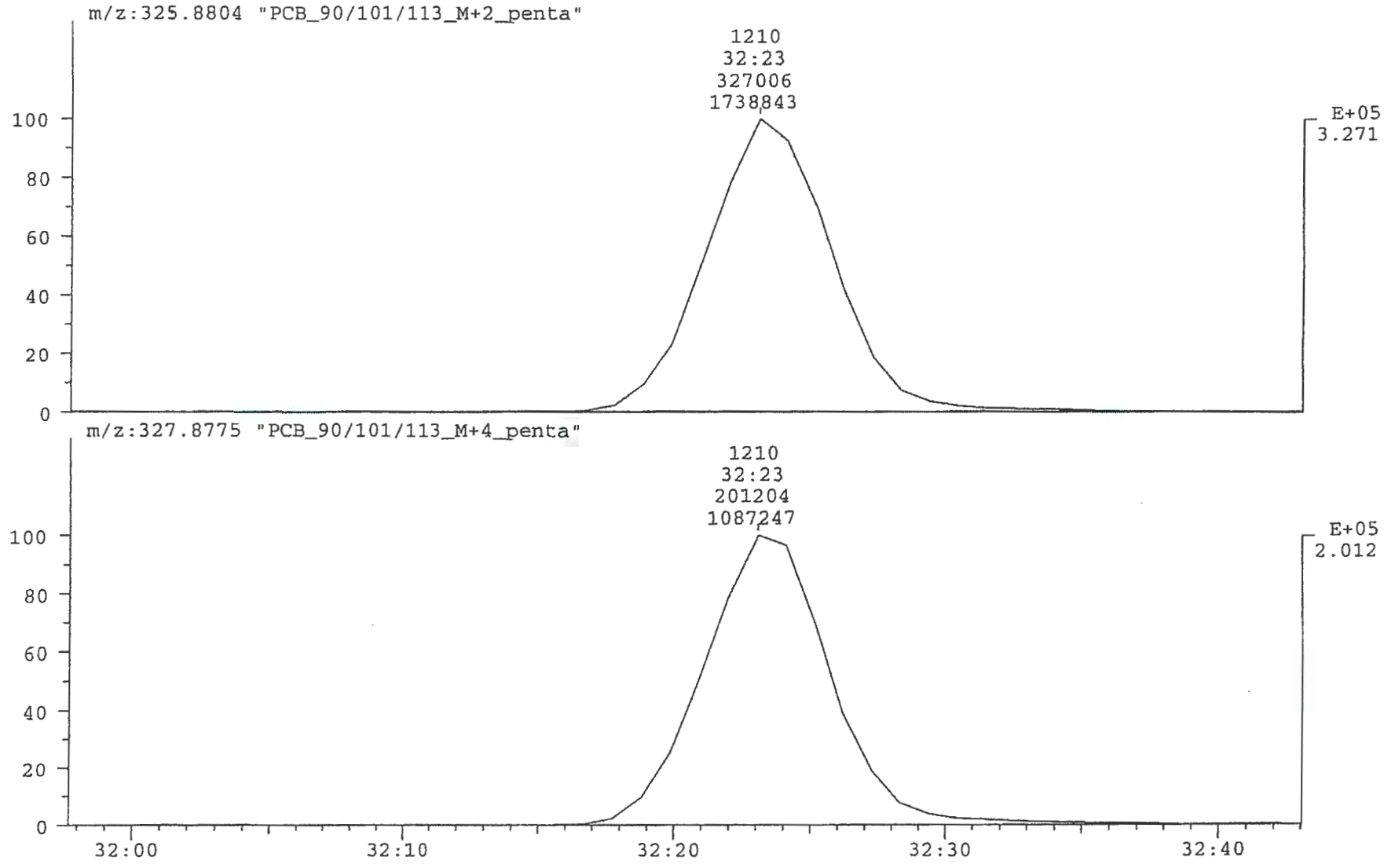
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1075 > 1125          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



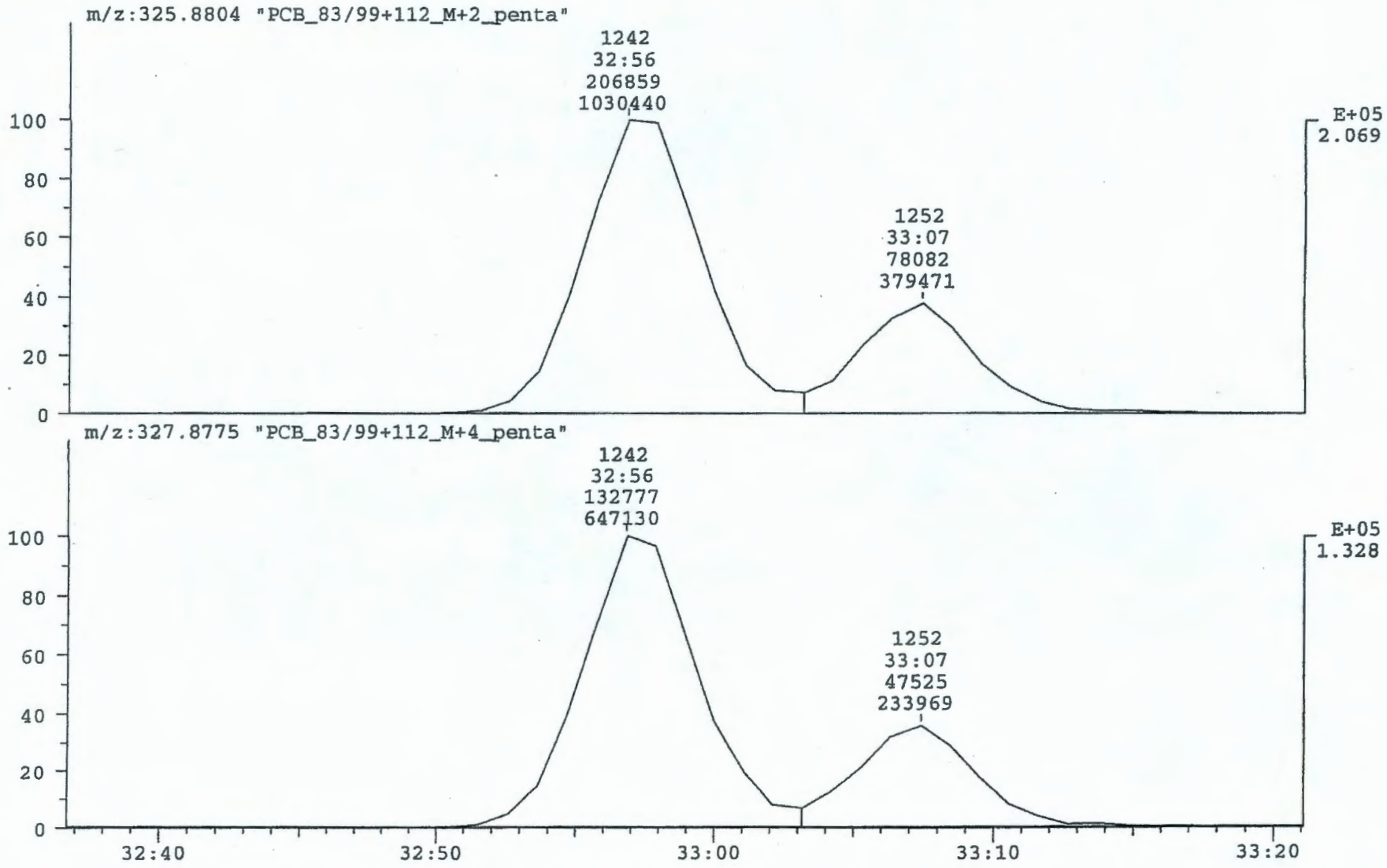
CHRO: apj64jxd 28-Sep-07 Elapse: 31:31 1161
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1121 > 1187 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



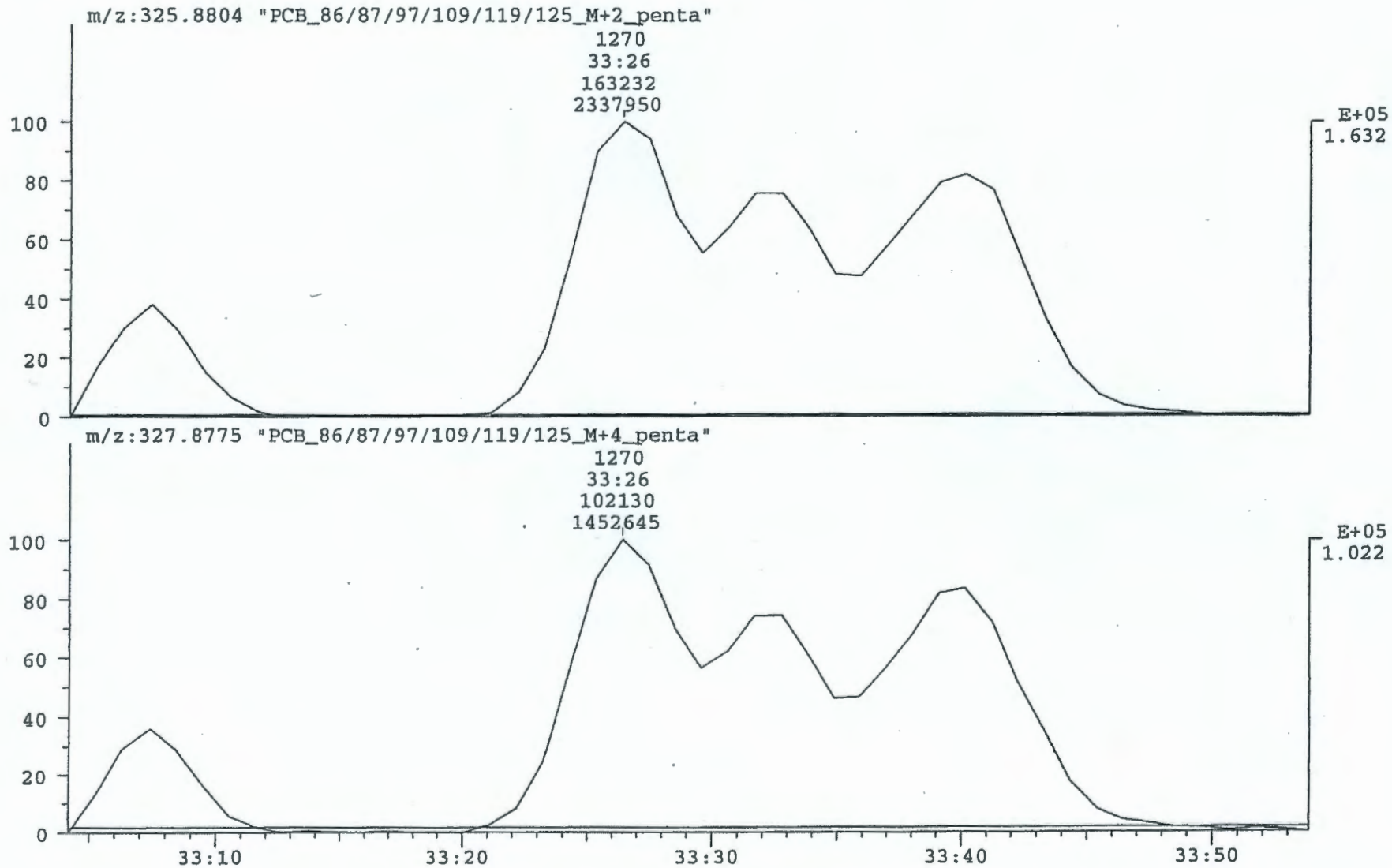
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  32:21      1209
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1186 > 1229           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



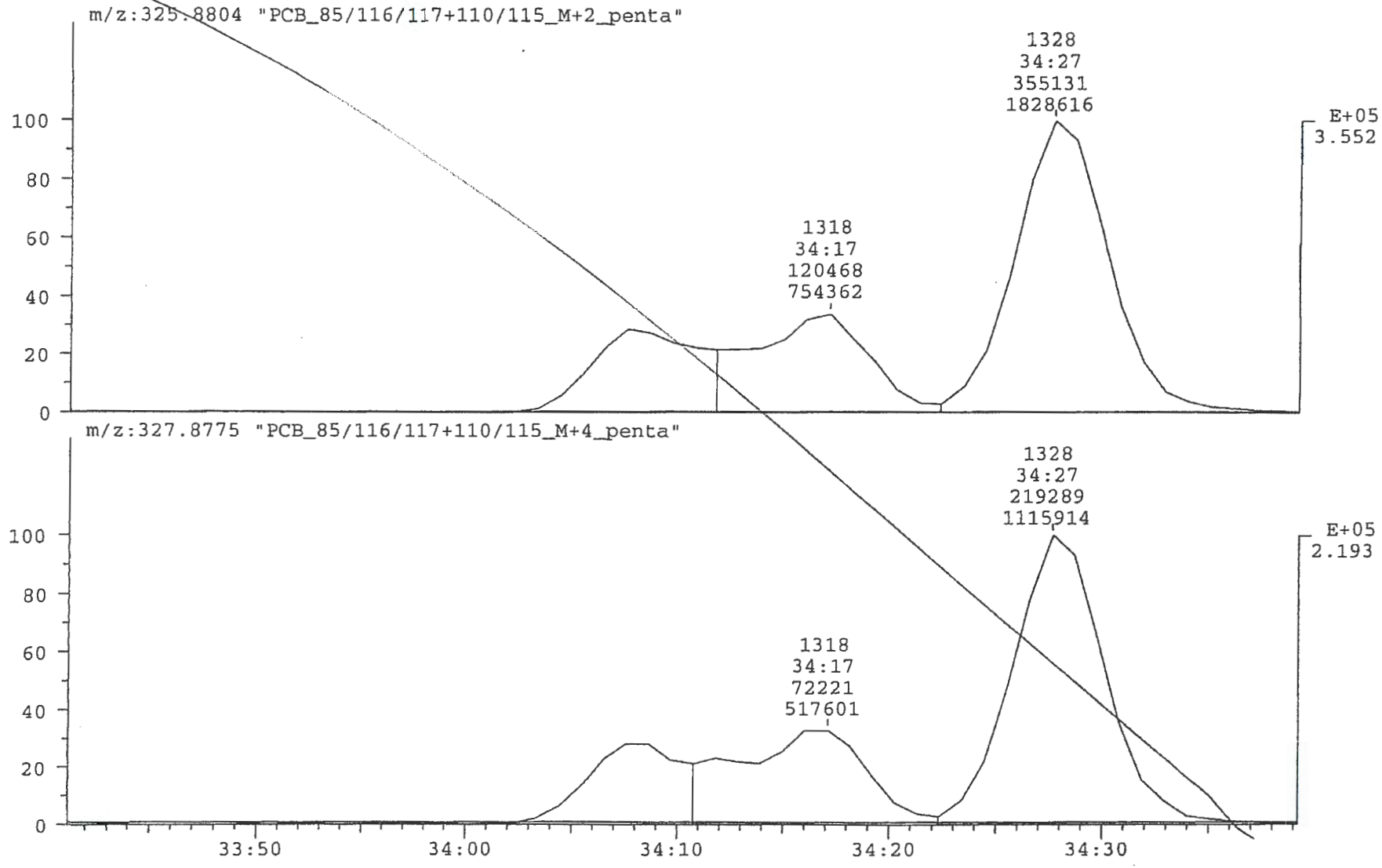
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  33:03      1248
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1223 > 1265         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  33:35      1279
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1249 > 1296          Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 12              Label :  -3, 3.0
Disp:  Height  Area
```

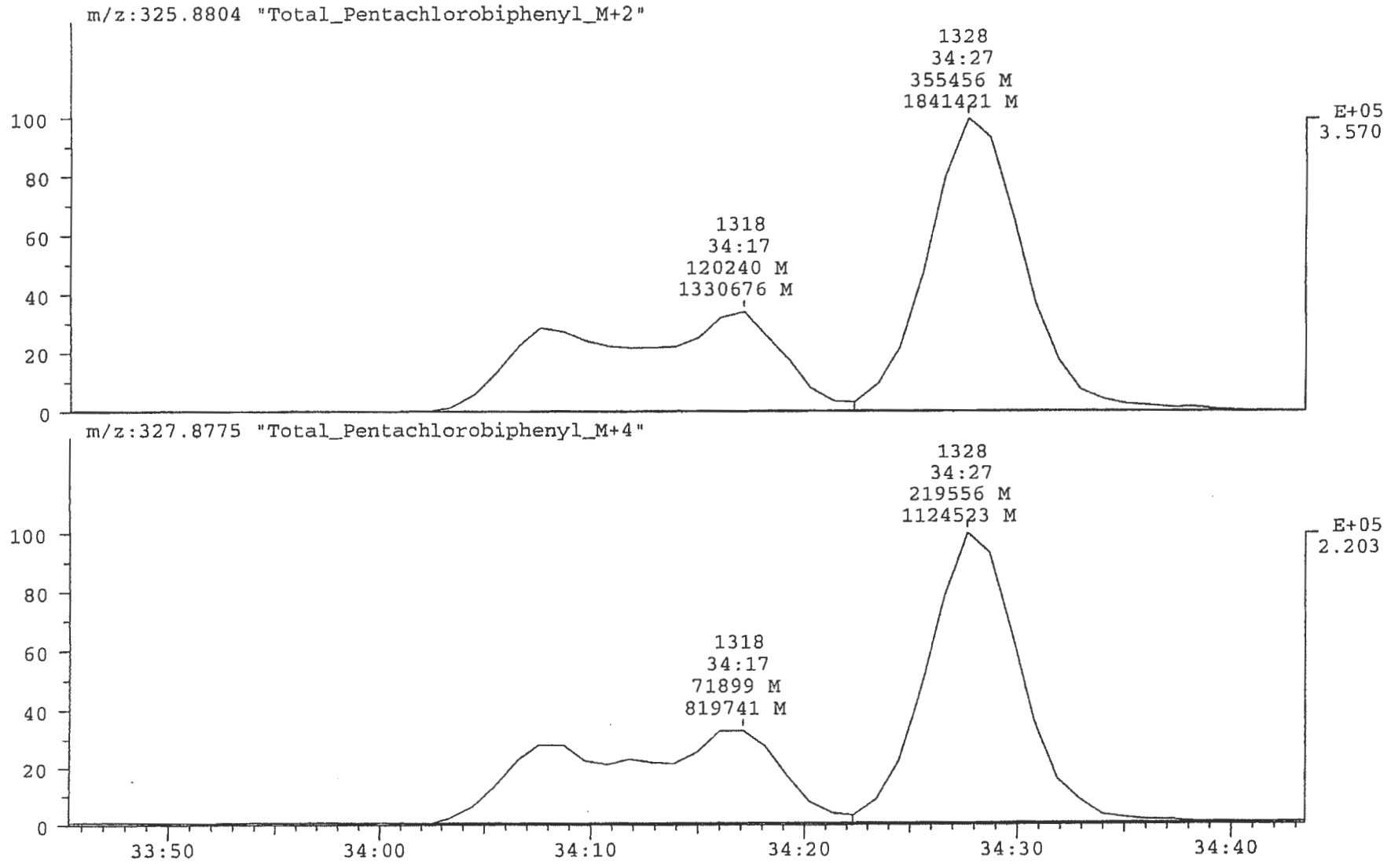


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  34:23      1324
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1284 > 1339         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 6              Label :  -3, 3.0
Disp:  Height  Area
```

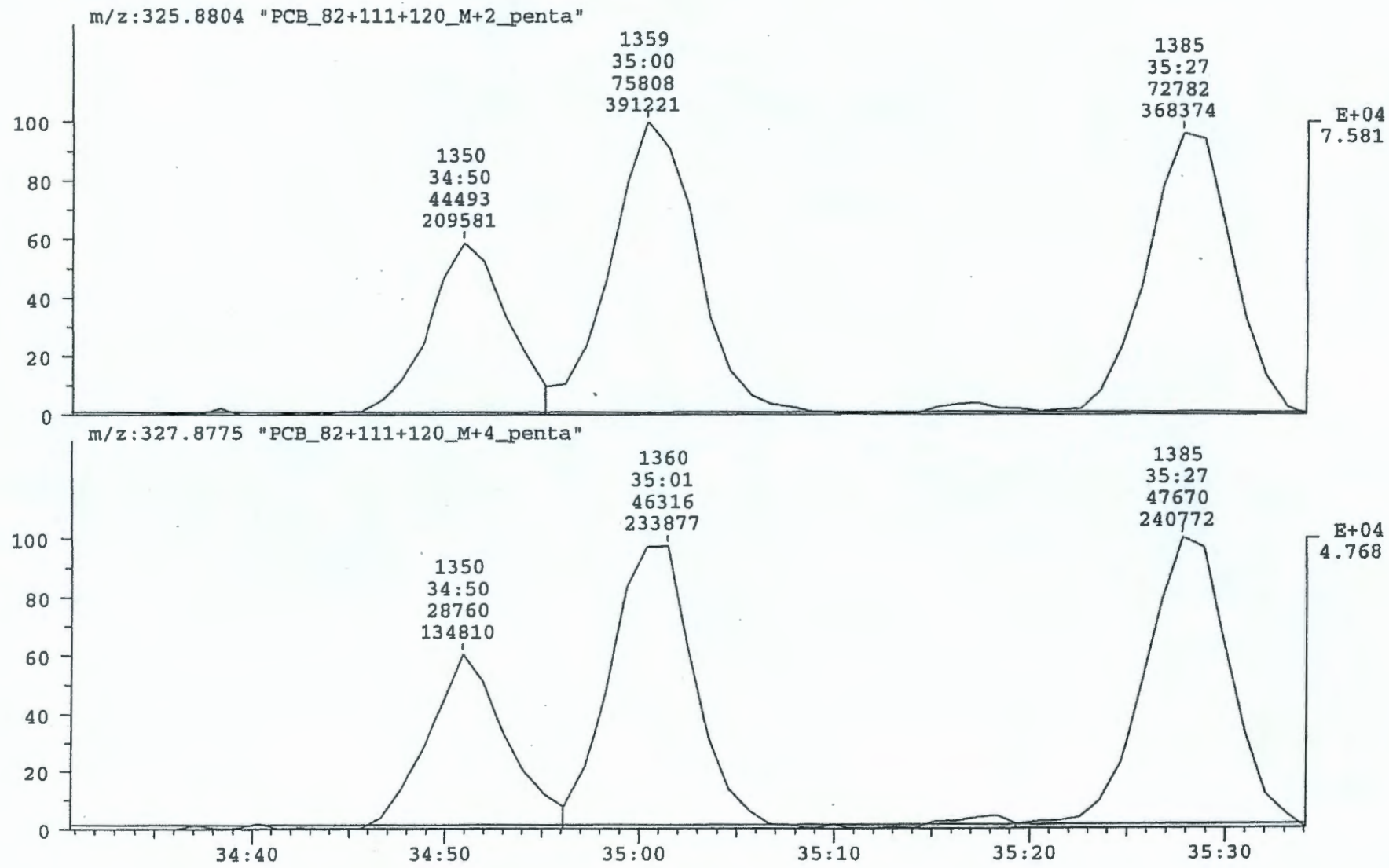


2847

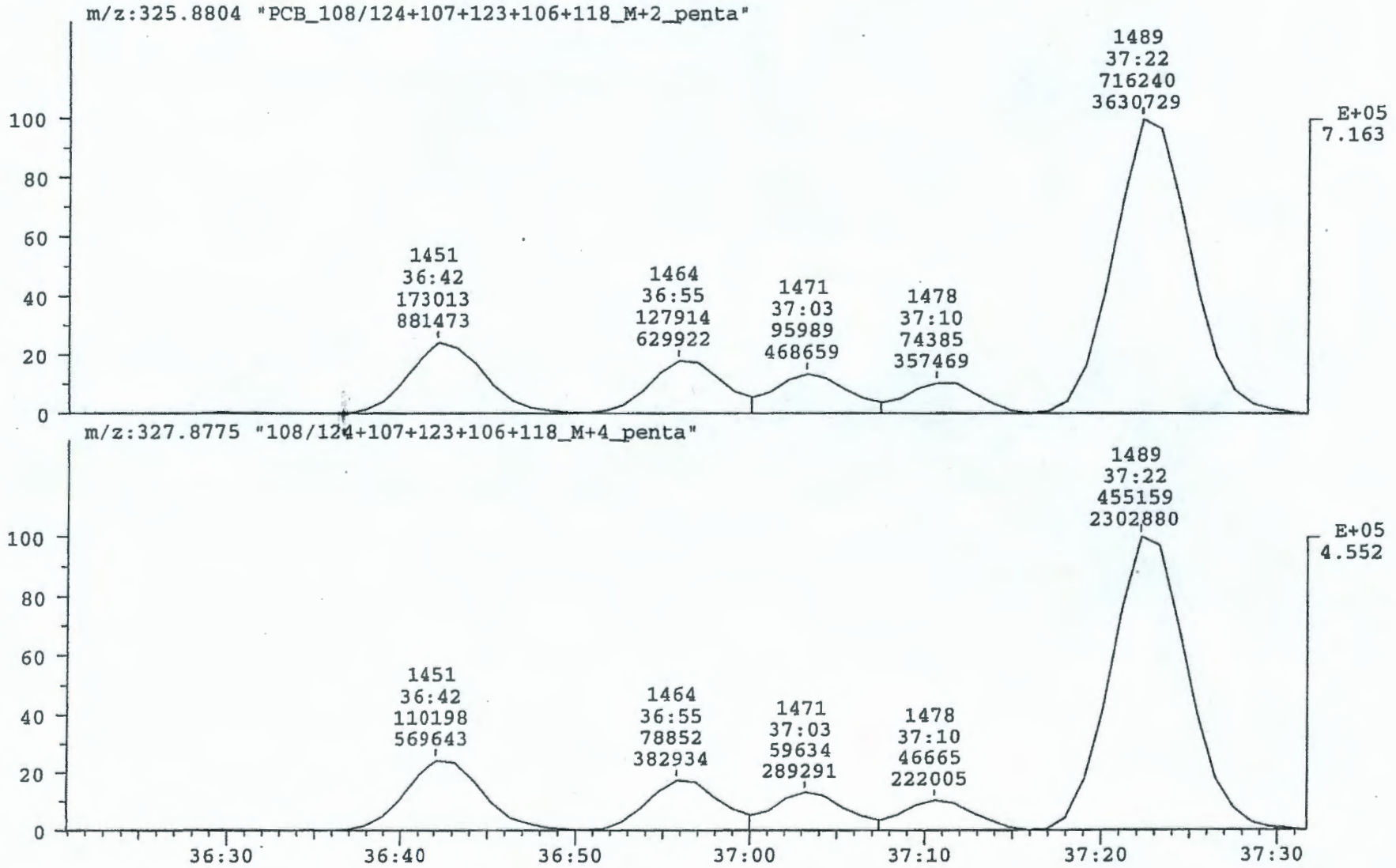
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1288 > 1343          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  34:51      1351
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1331 > 1391          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 1               Label :  -3, 3.0
Disp:  Height  Area
```

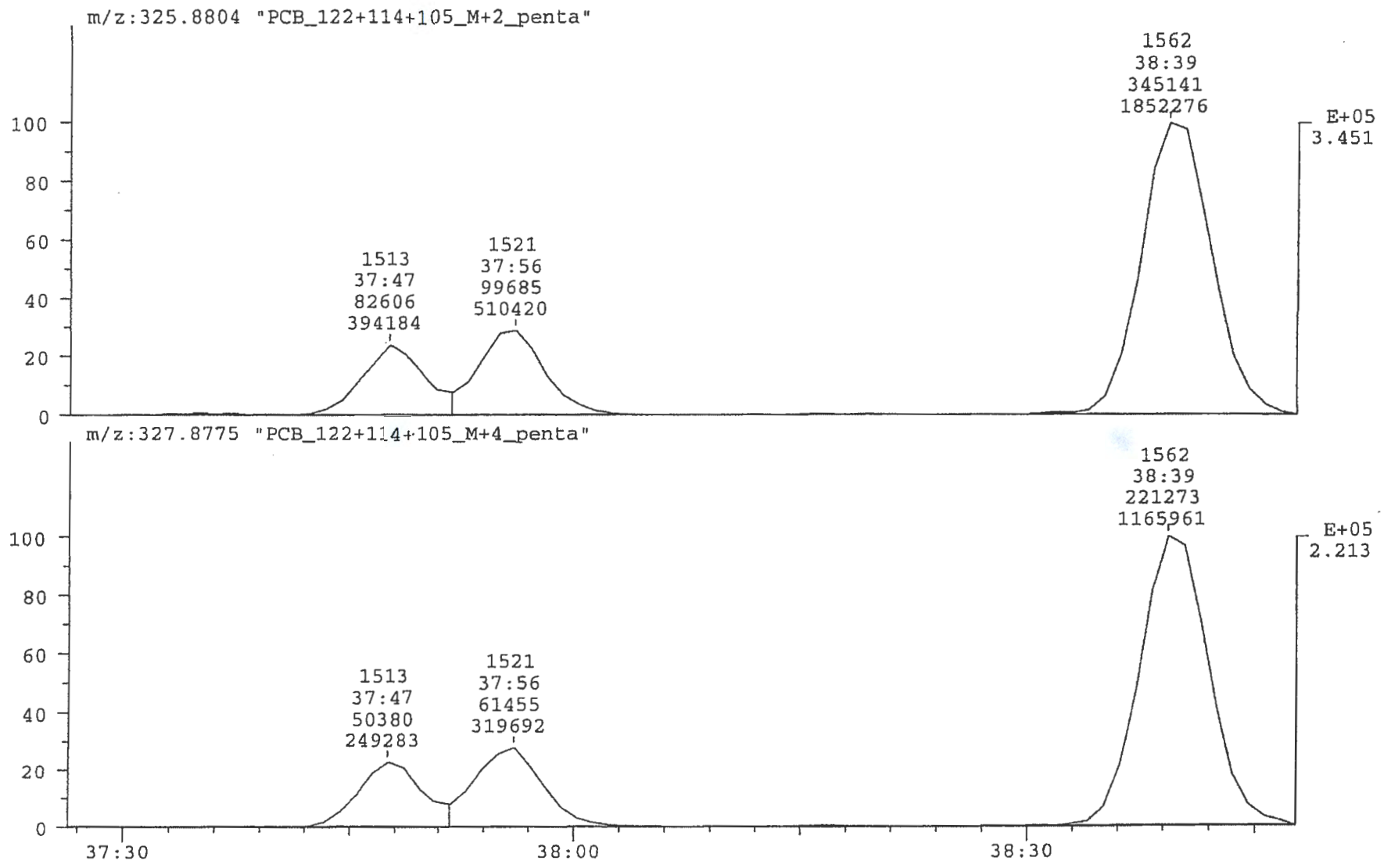


CHRO: apj64jxd 28-Sep-07 Elapse: 37:08 1476
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1431 > 1498 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

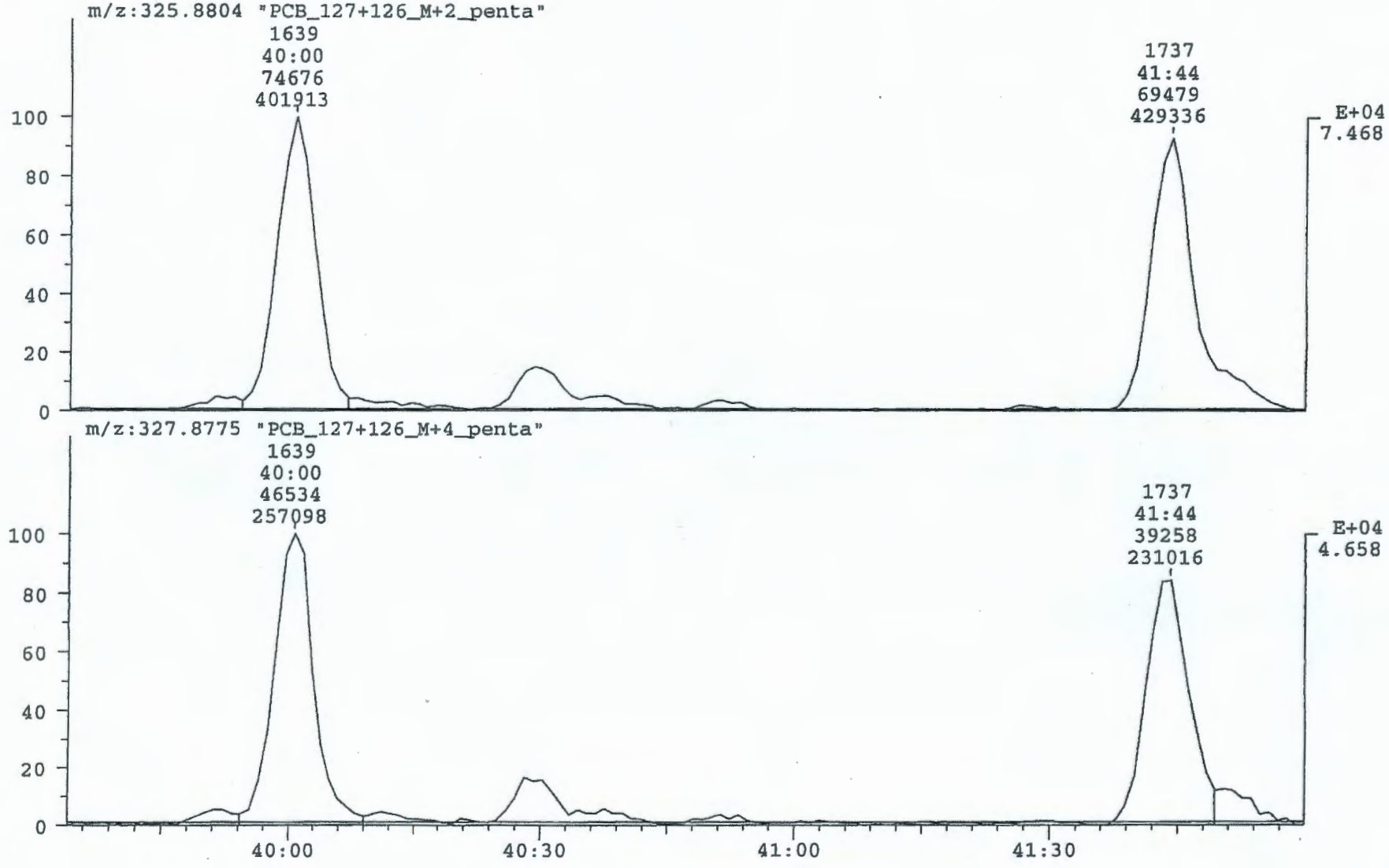


2850

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  38:13      1538
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1493 > 1570          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



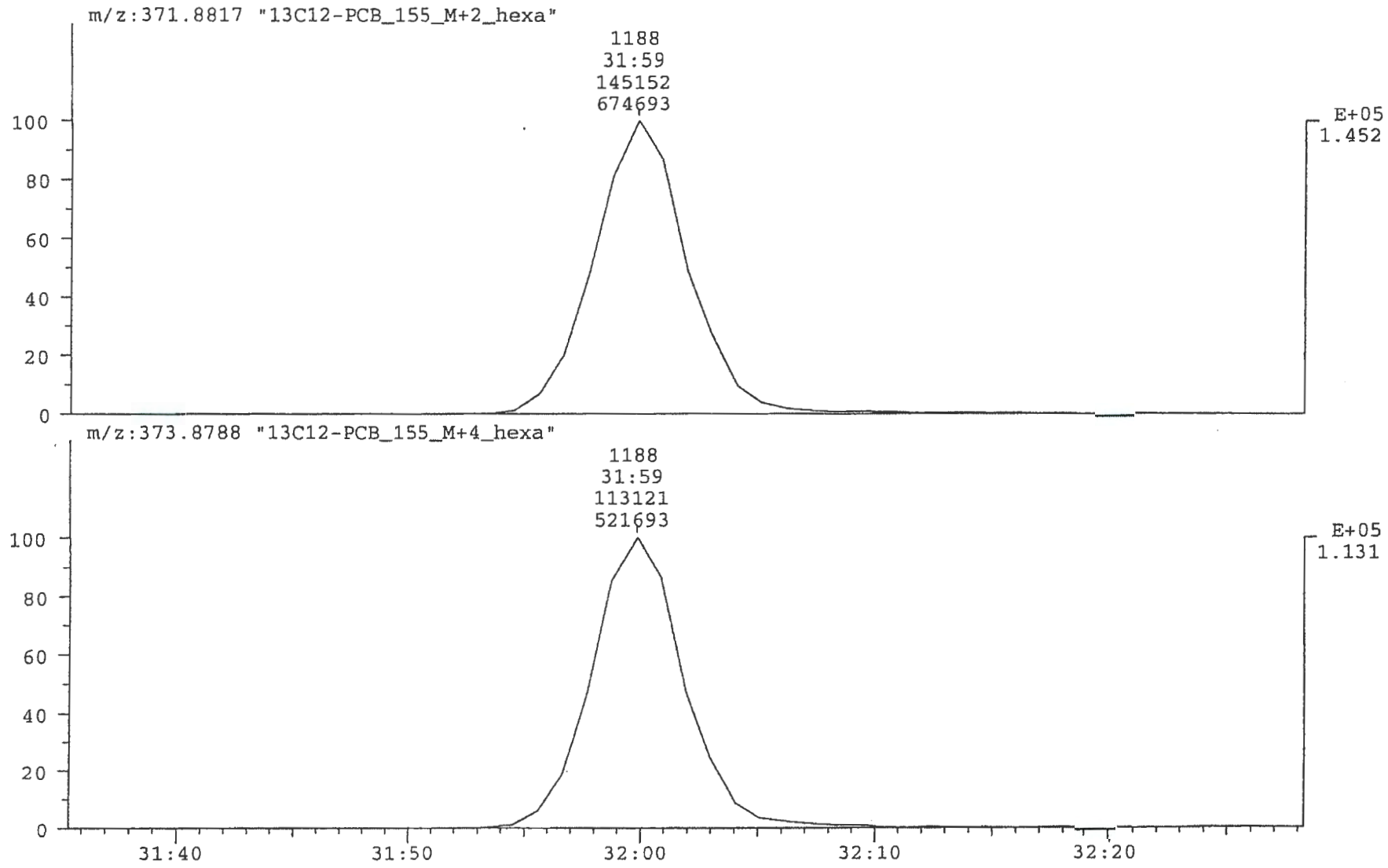
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  40:53      1689
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1614 > 1752         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1              Label :  -3, 3.0
Disp:  Height  Area
```



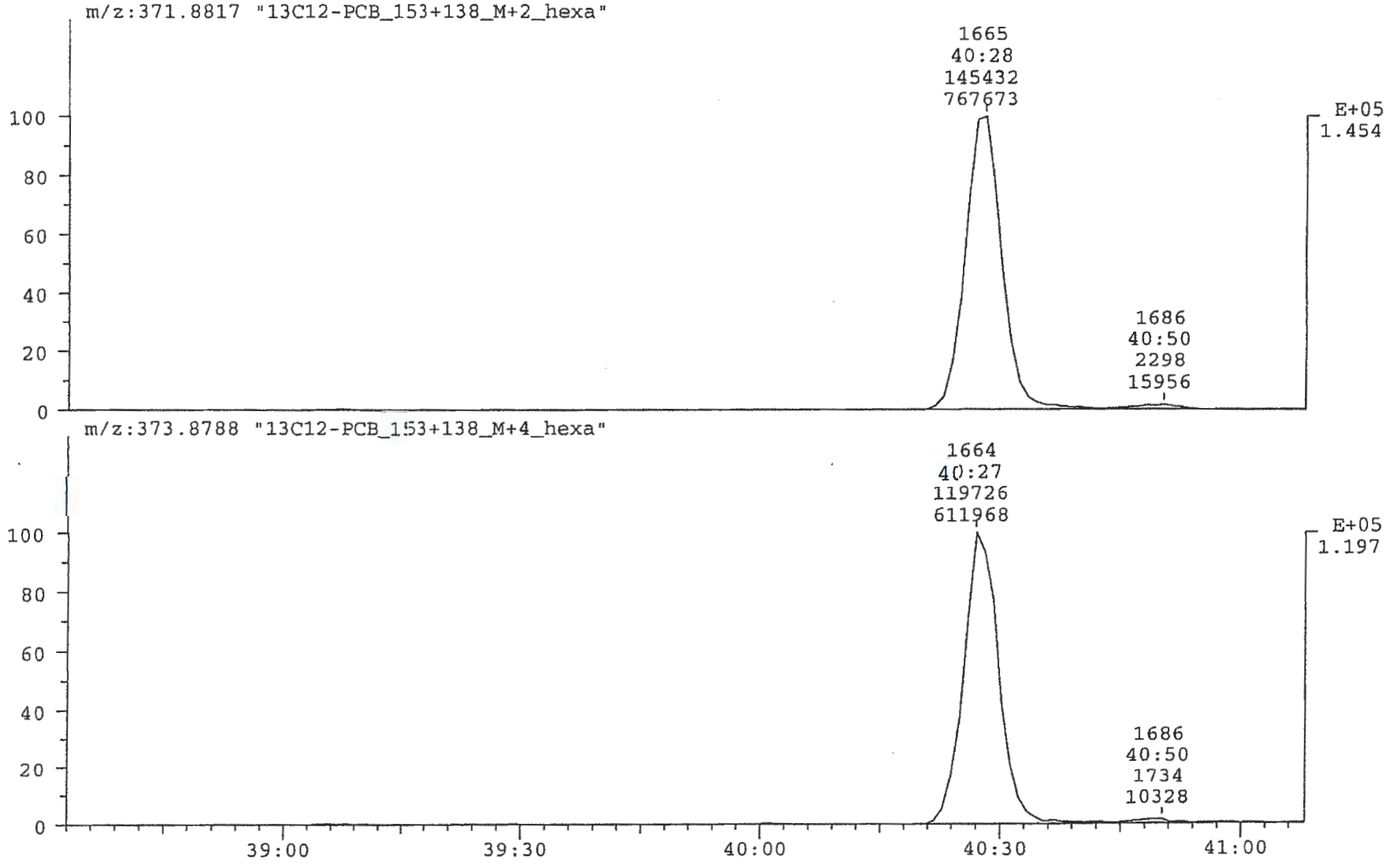
2852

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  39:59      1638
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1159 > 2121         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

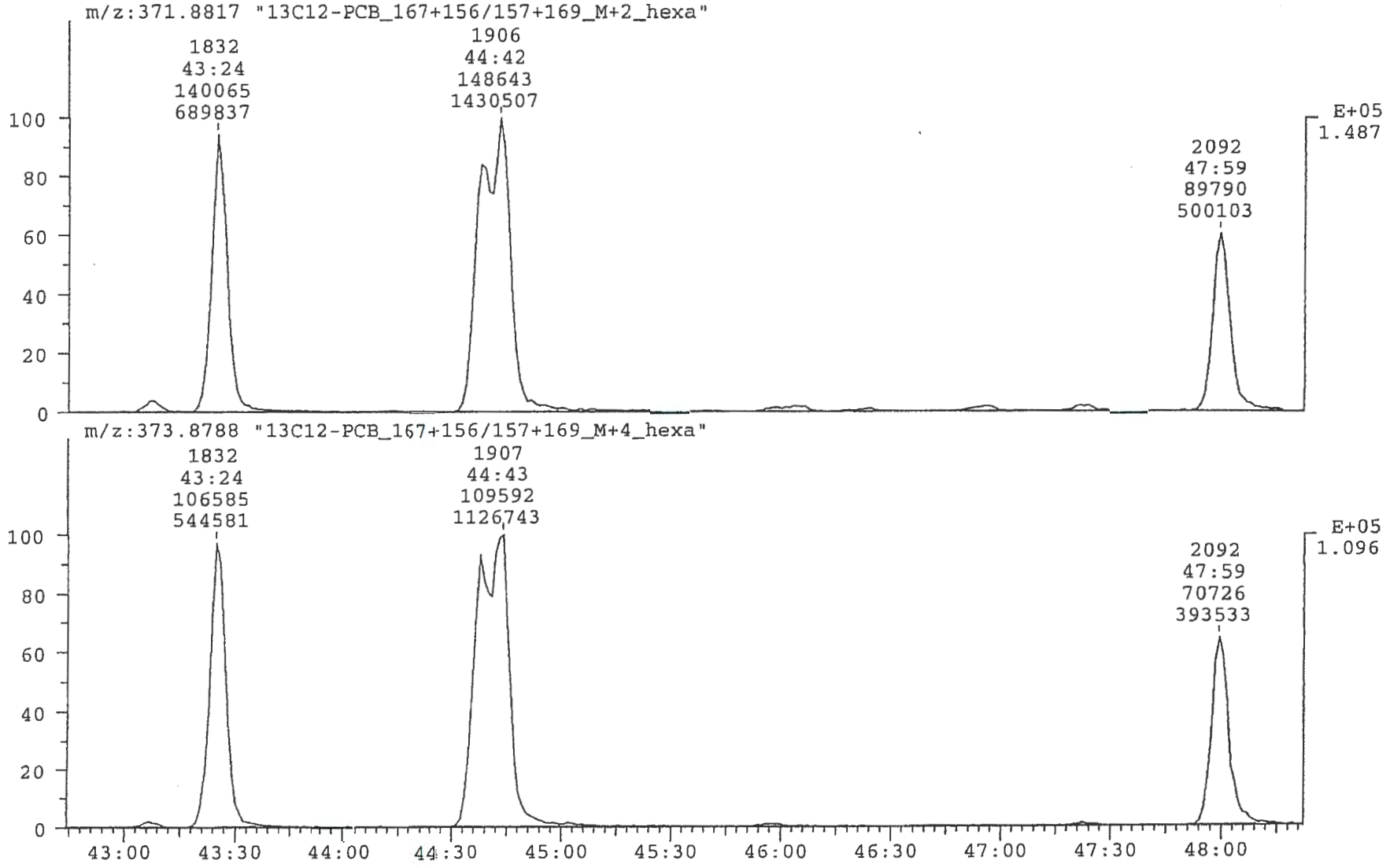
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  32:01      1190
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H71180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1165 > 1215         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



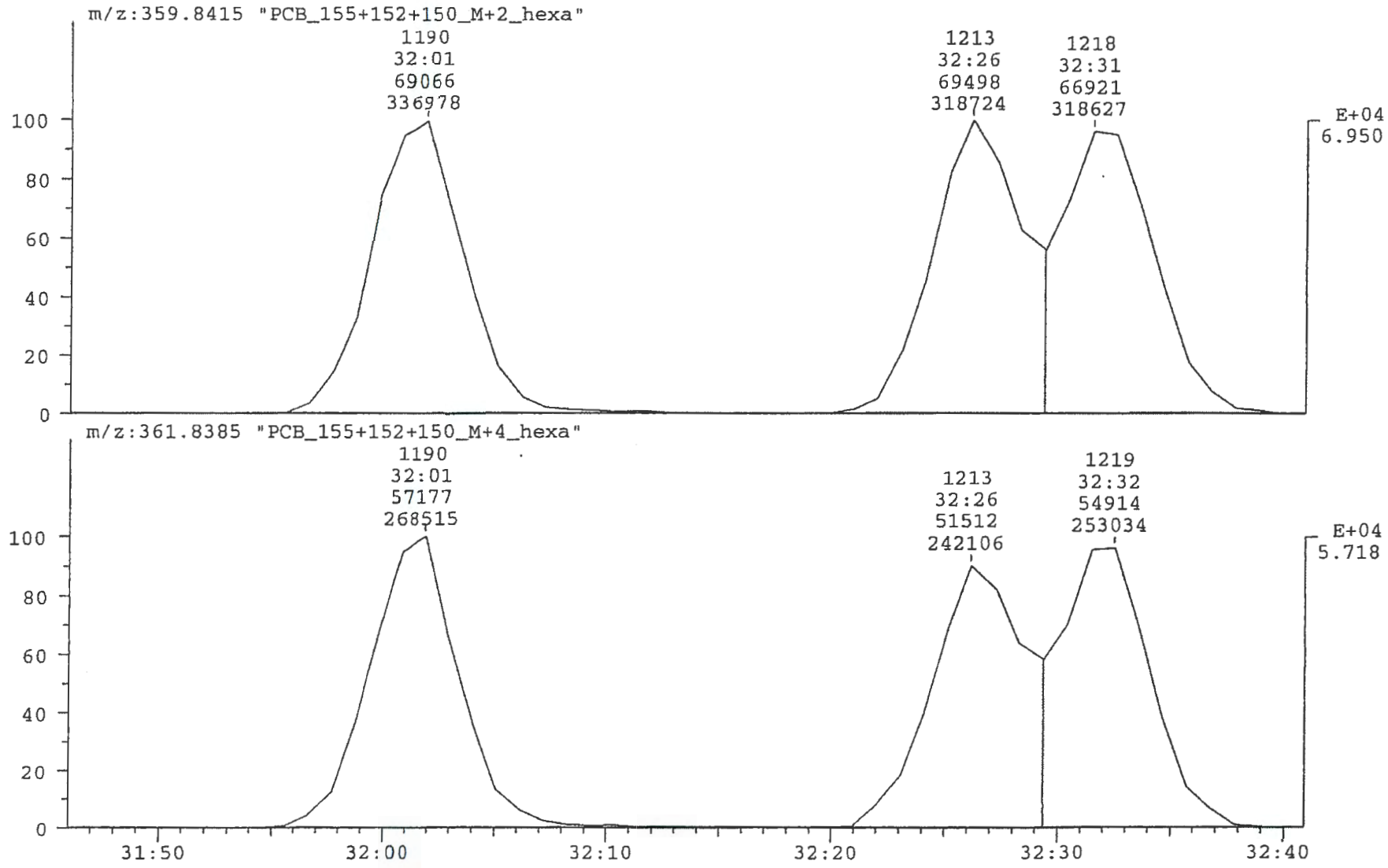
CHRO: apj64jxd 28-Sep-07 Elapse: 39:50 1629
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1556 > 1703 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



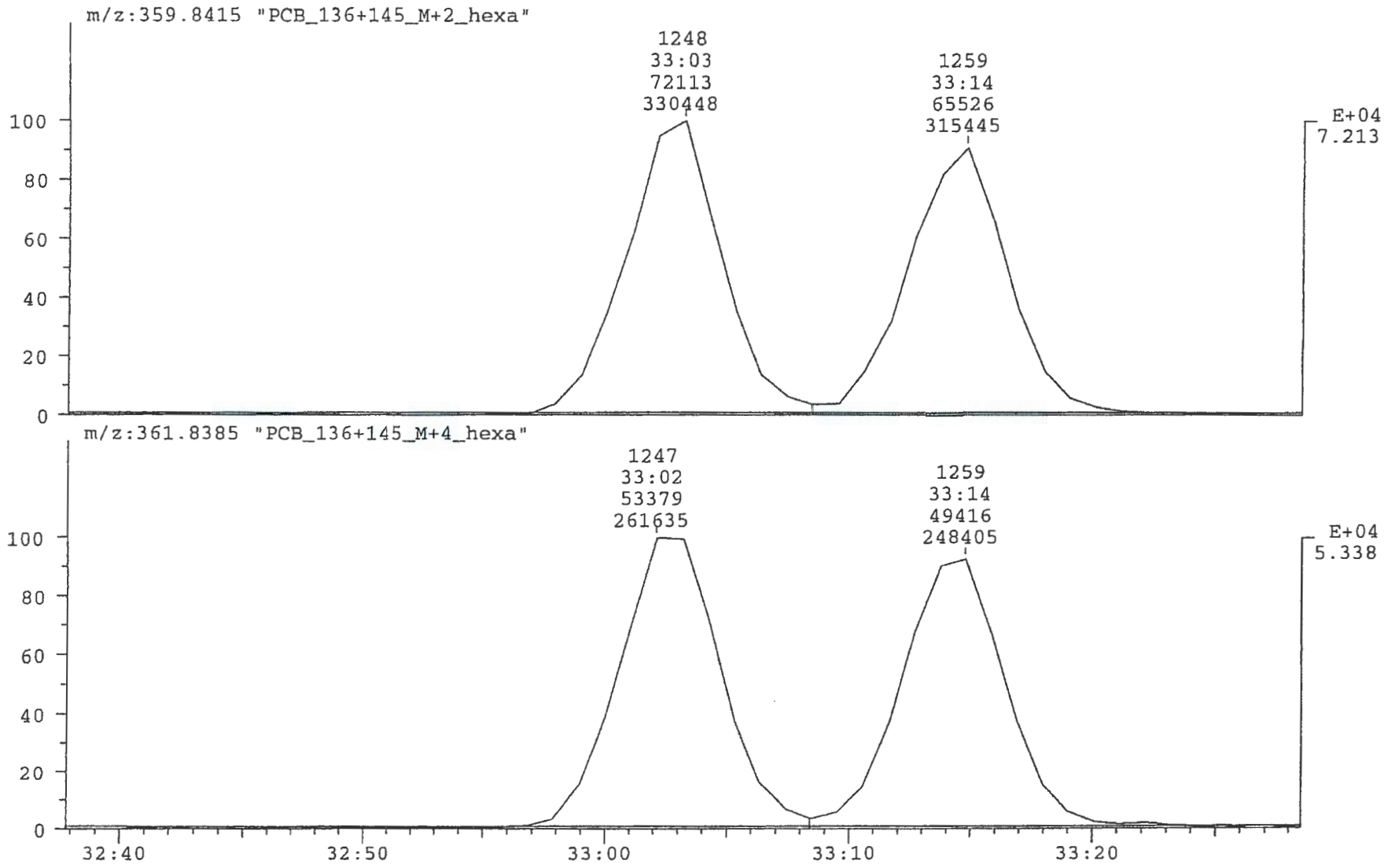
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  45:38      1959
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1794 > 2114          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```



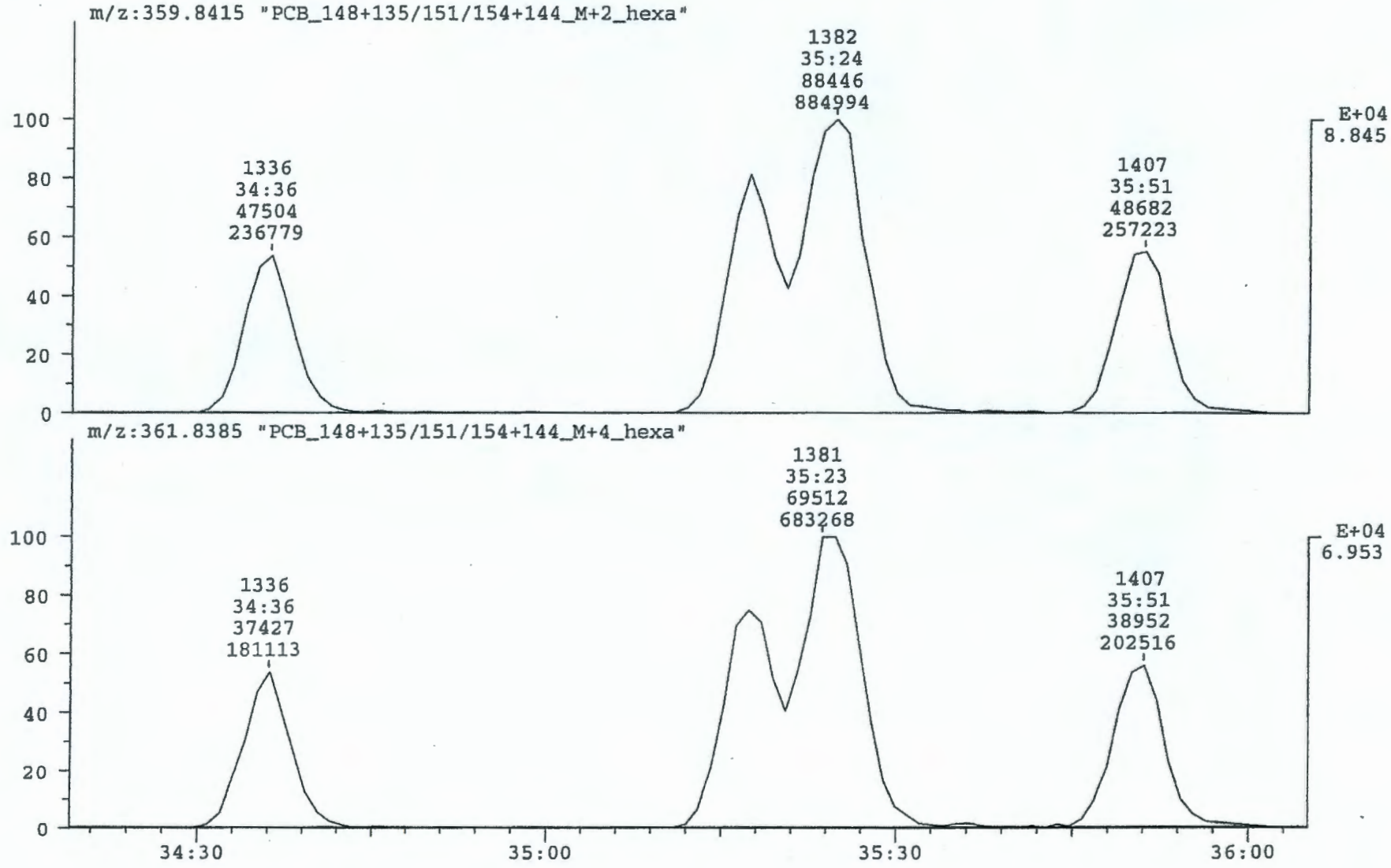
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  32:19      1207
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1175 > 1227          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



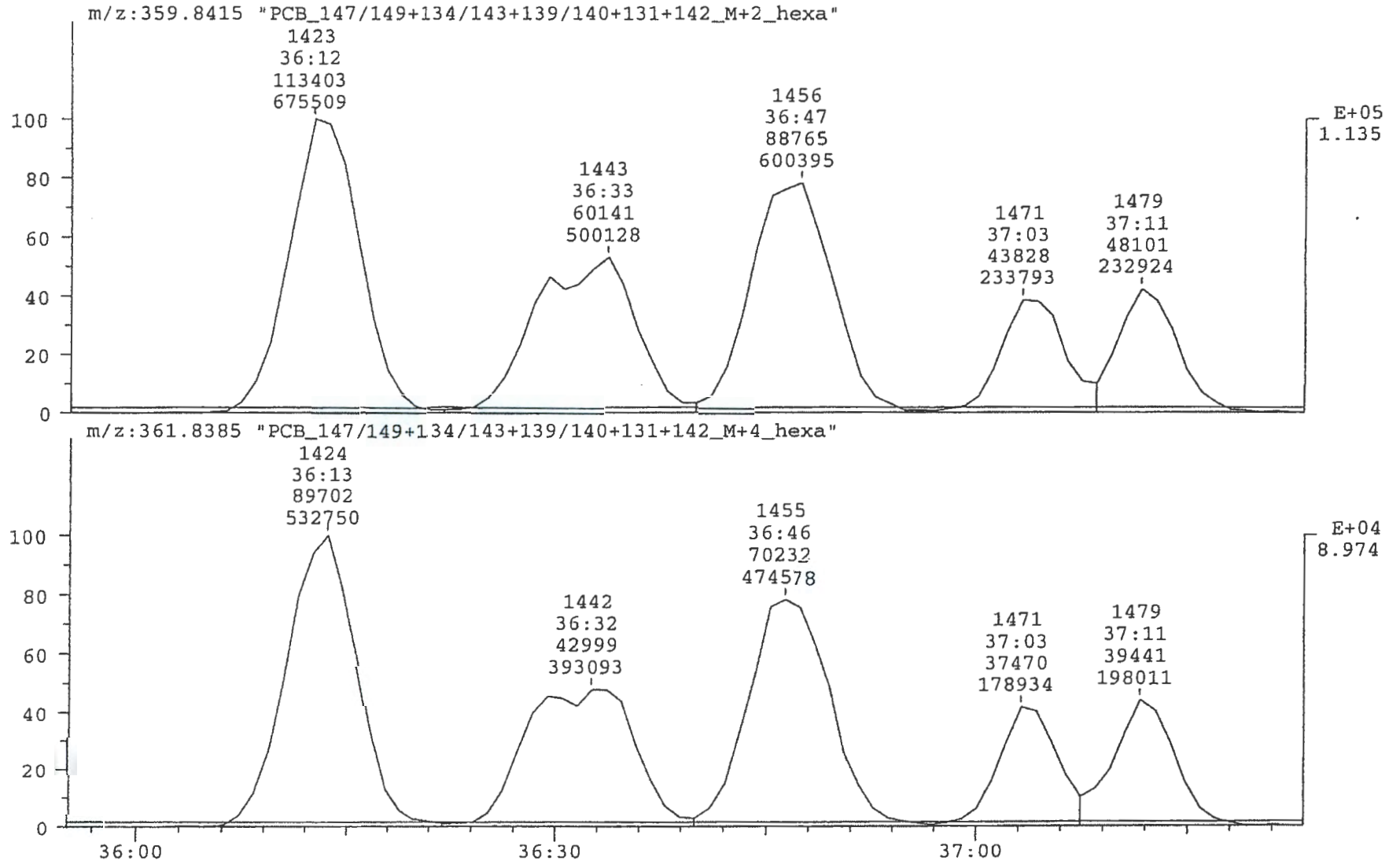
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  33:09      1254
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1224 > 1272          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



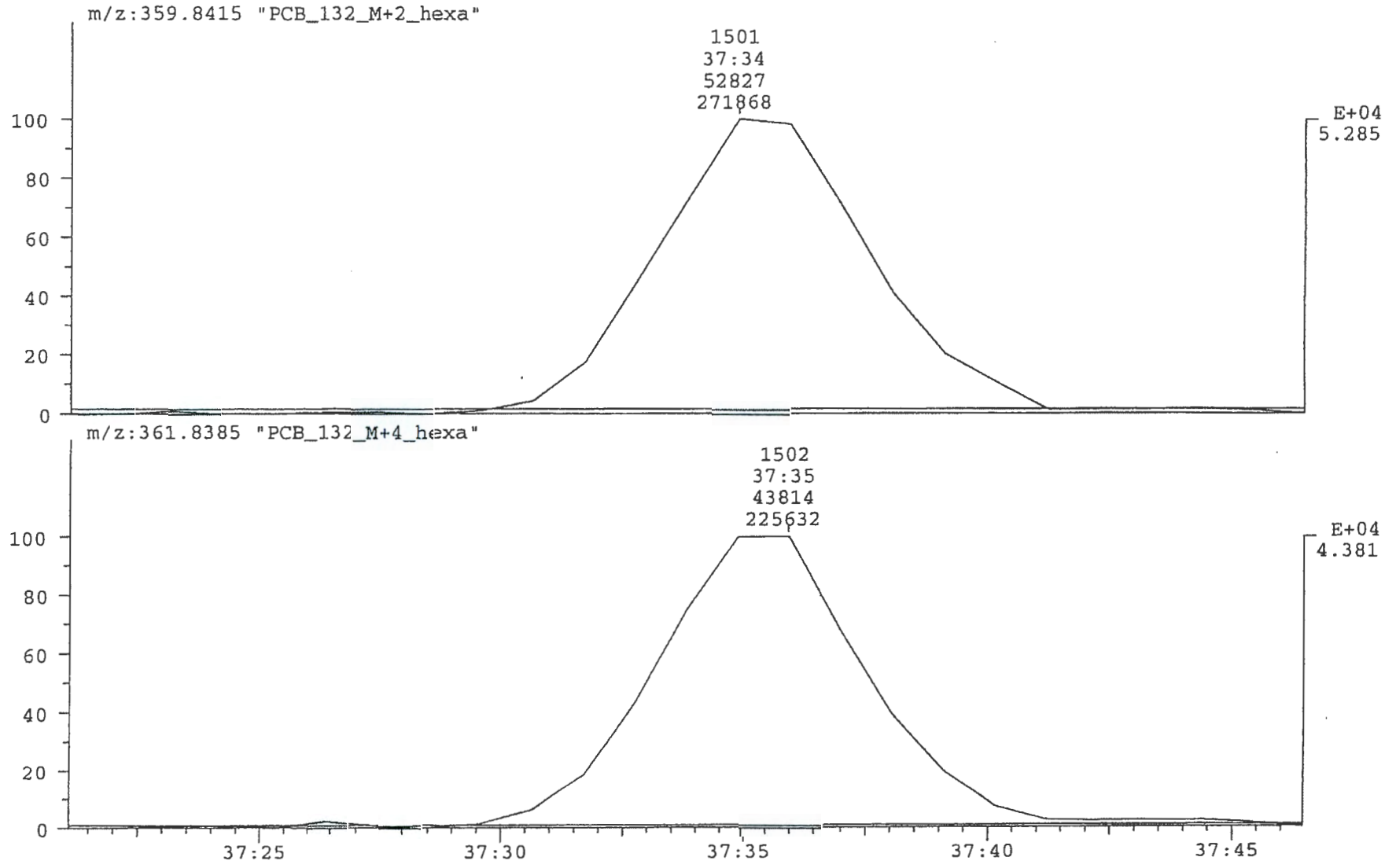
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  35:22      1380
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1320 > 1416         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12             Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  36:46      1455
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1411 > 1490          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```

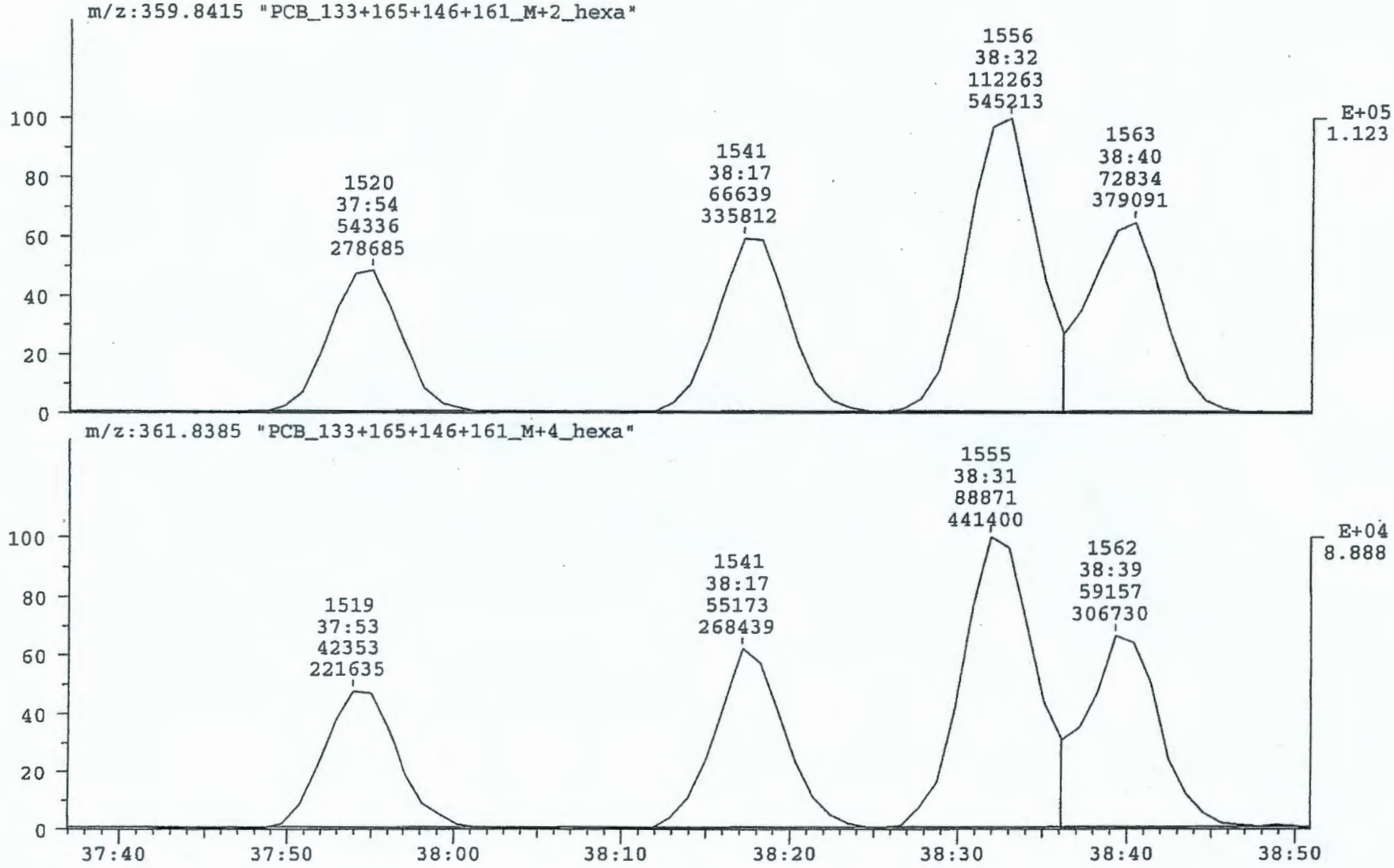


```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  37:33      1500
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1488 > 1512          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5               Label :  -3, 3.0
Disp:  Height  Area
```

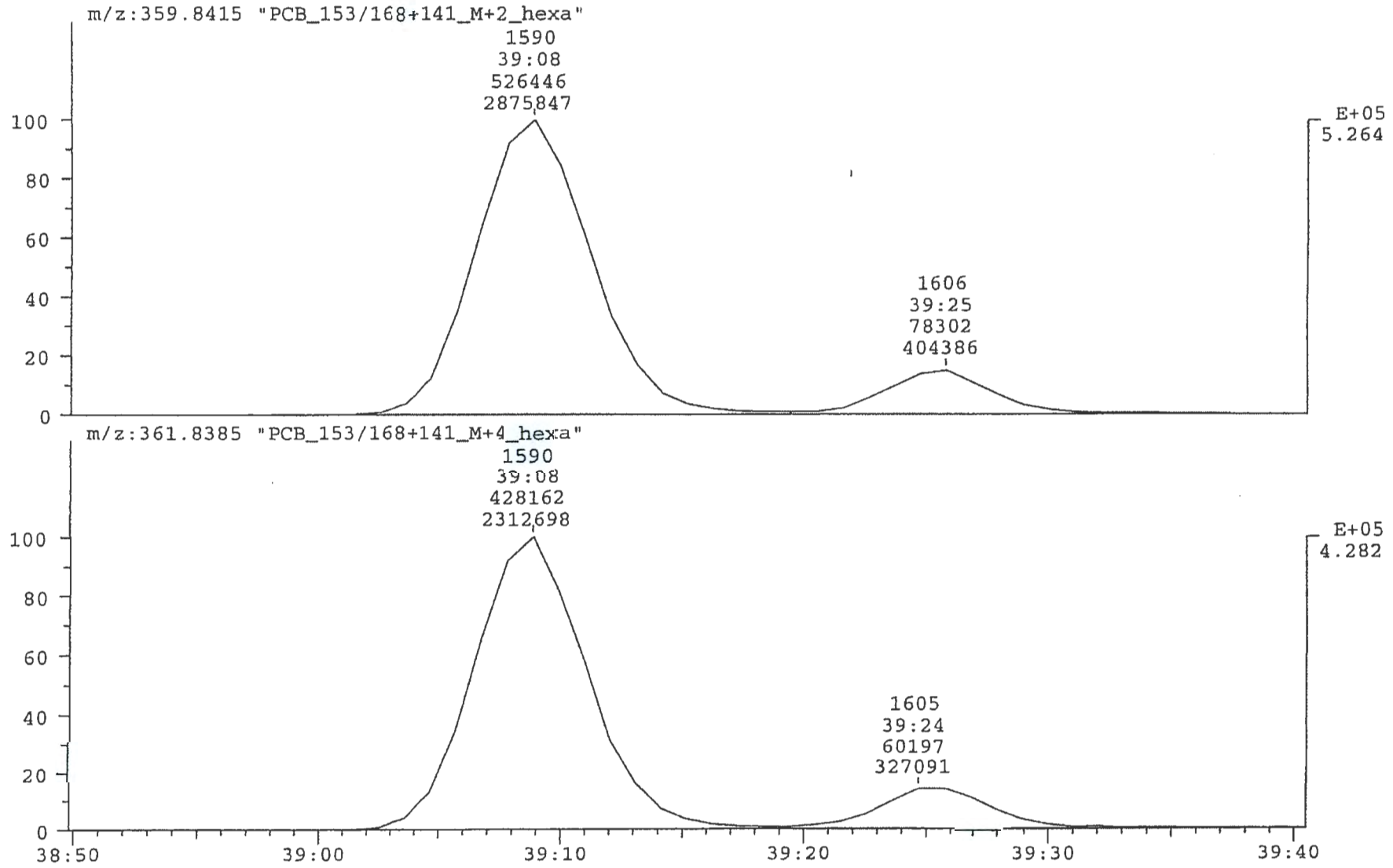


2861

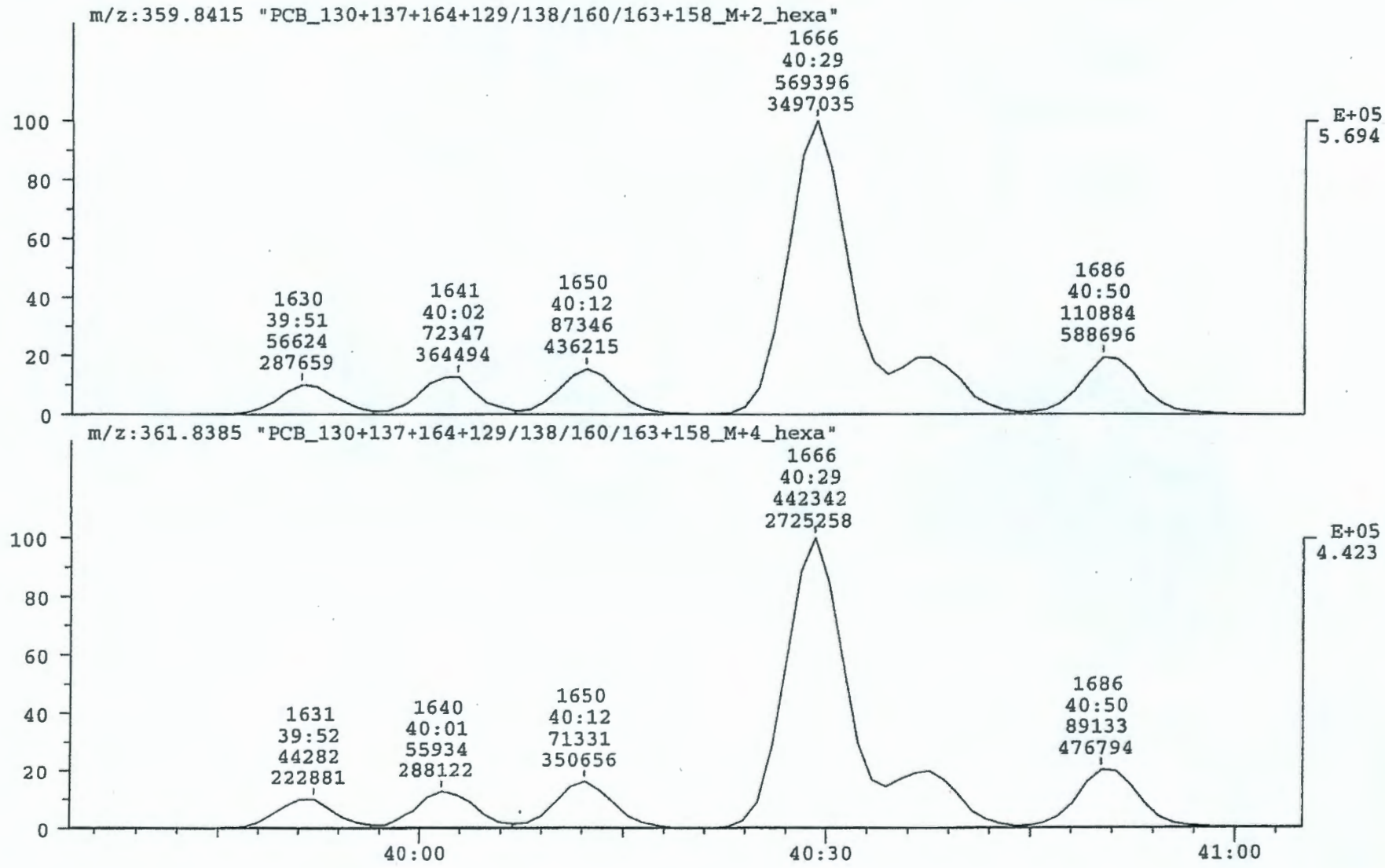
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  38:22      1546
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial 37
Peak:  100.00  ppm     Label wndw:   1503 > 1573          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  39:21      1602
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1572 > 1620         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

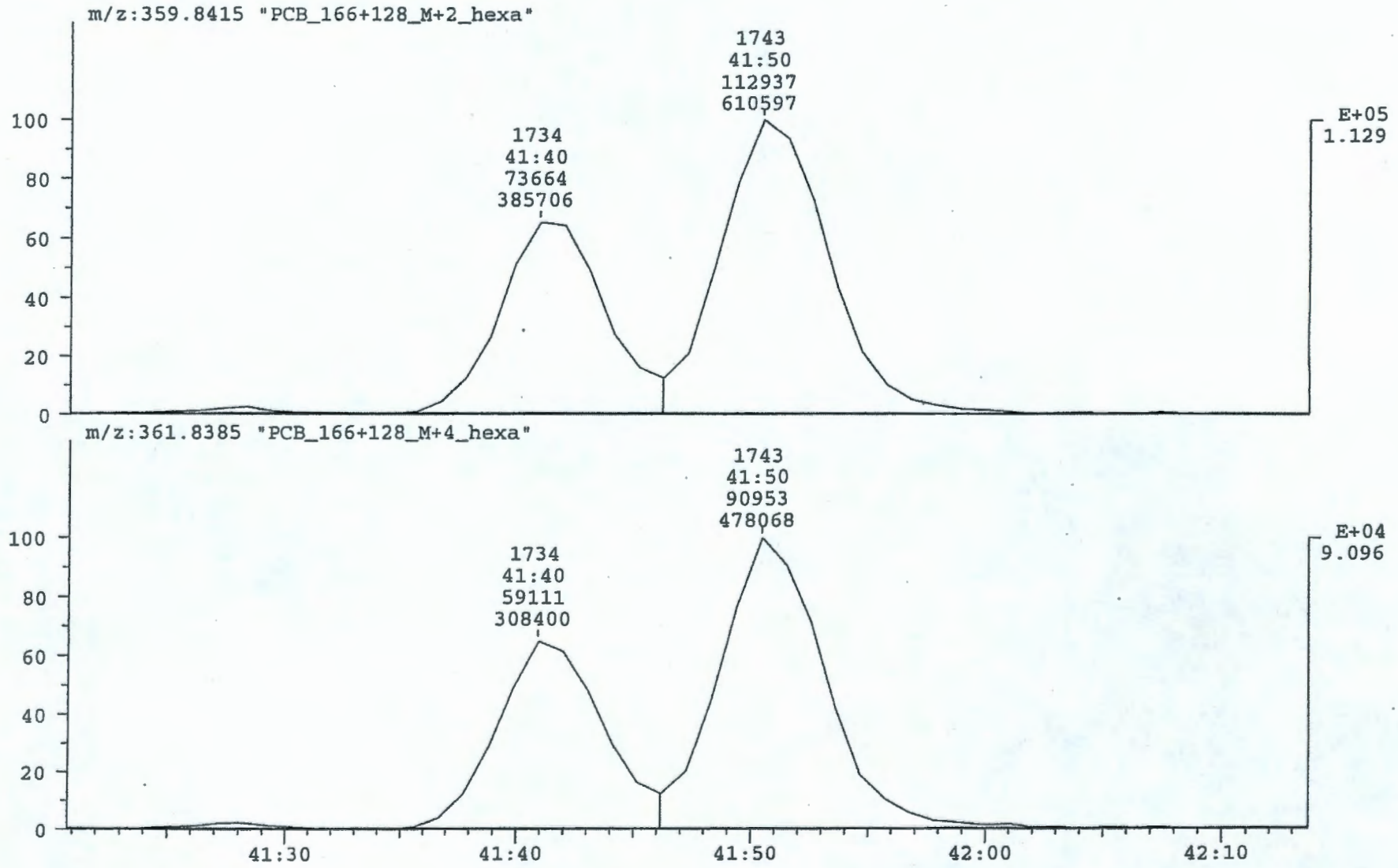


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  40:22      1660
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1614 > 1700          Masses:  181 > 510
Area:  5, 0.50, 0      Baseline  :   100, 7               Label :  -3, 3.0
Disp:  Height  Area
```

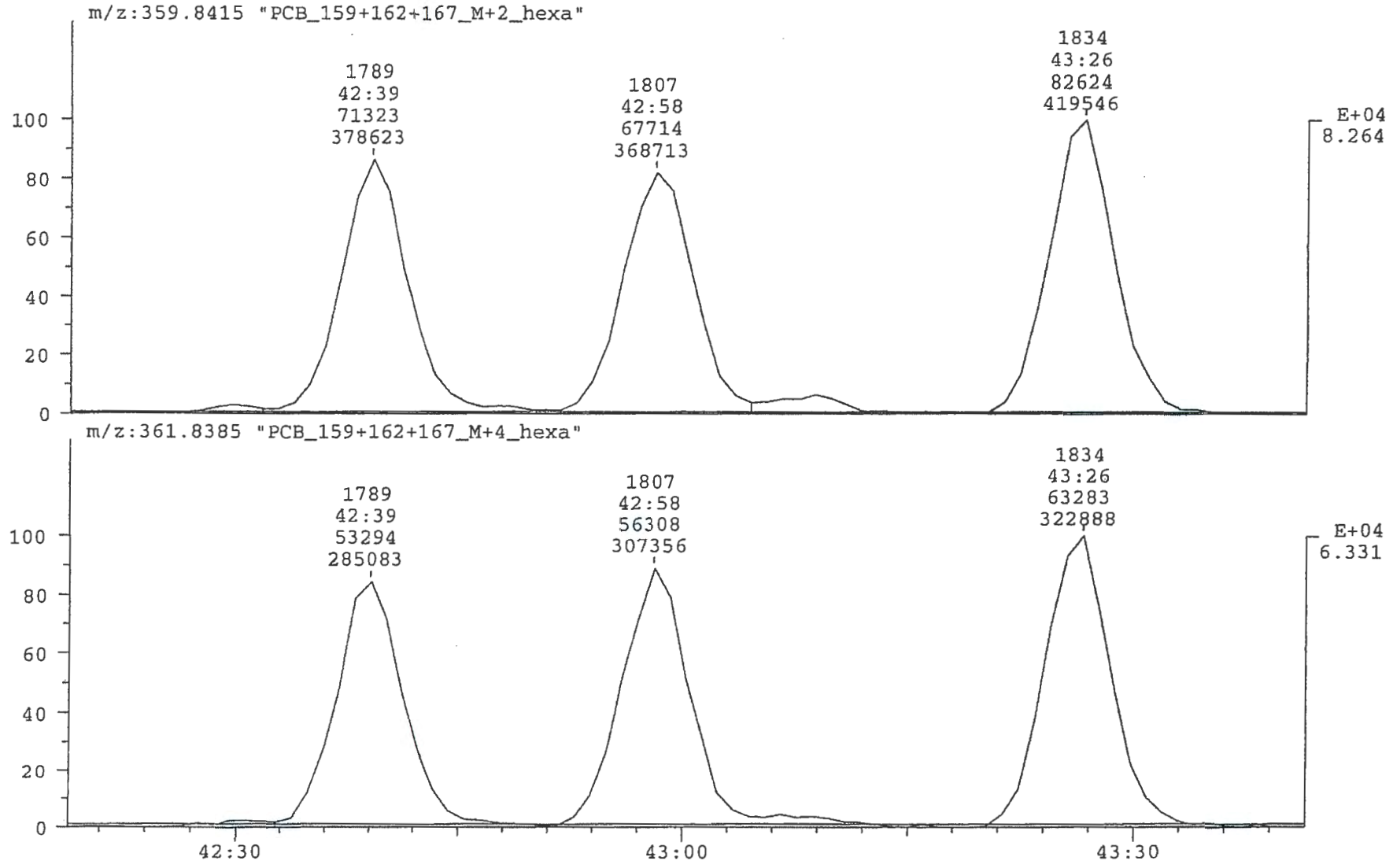


2864

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  41:47      1740
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 37
Peak:  100.00  ppm      Label wndw:   1715 > 1765         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2              Label :  -3, 3.0
Disp:  Height  Area
```

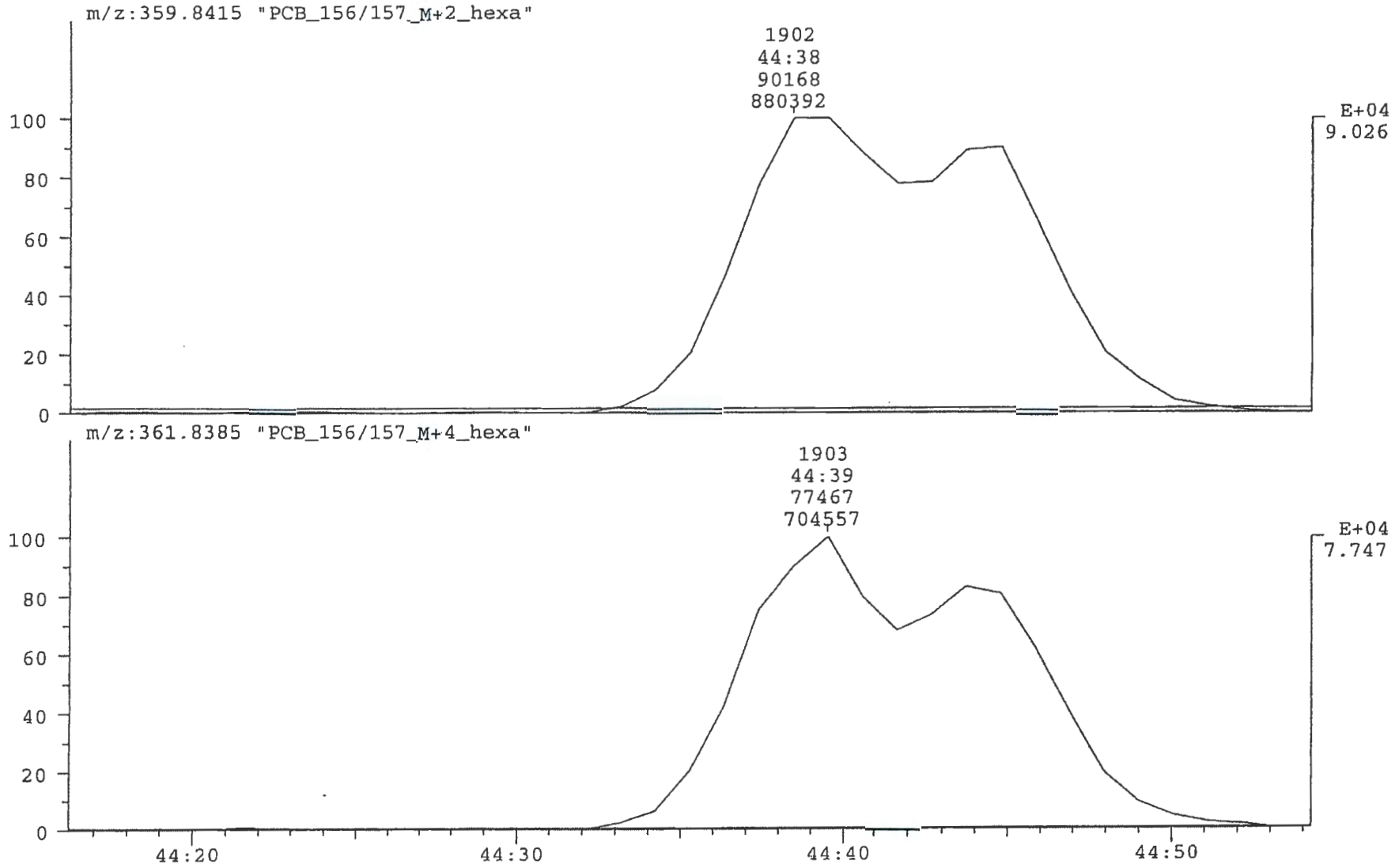


```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  43:06      1815
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Di1=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1770 > 1848          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



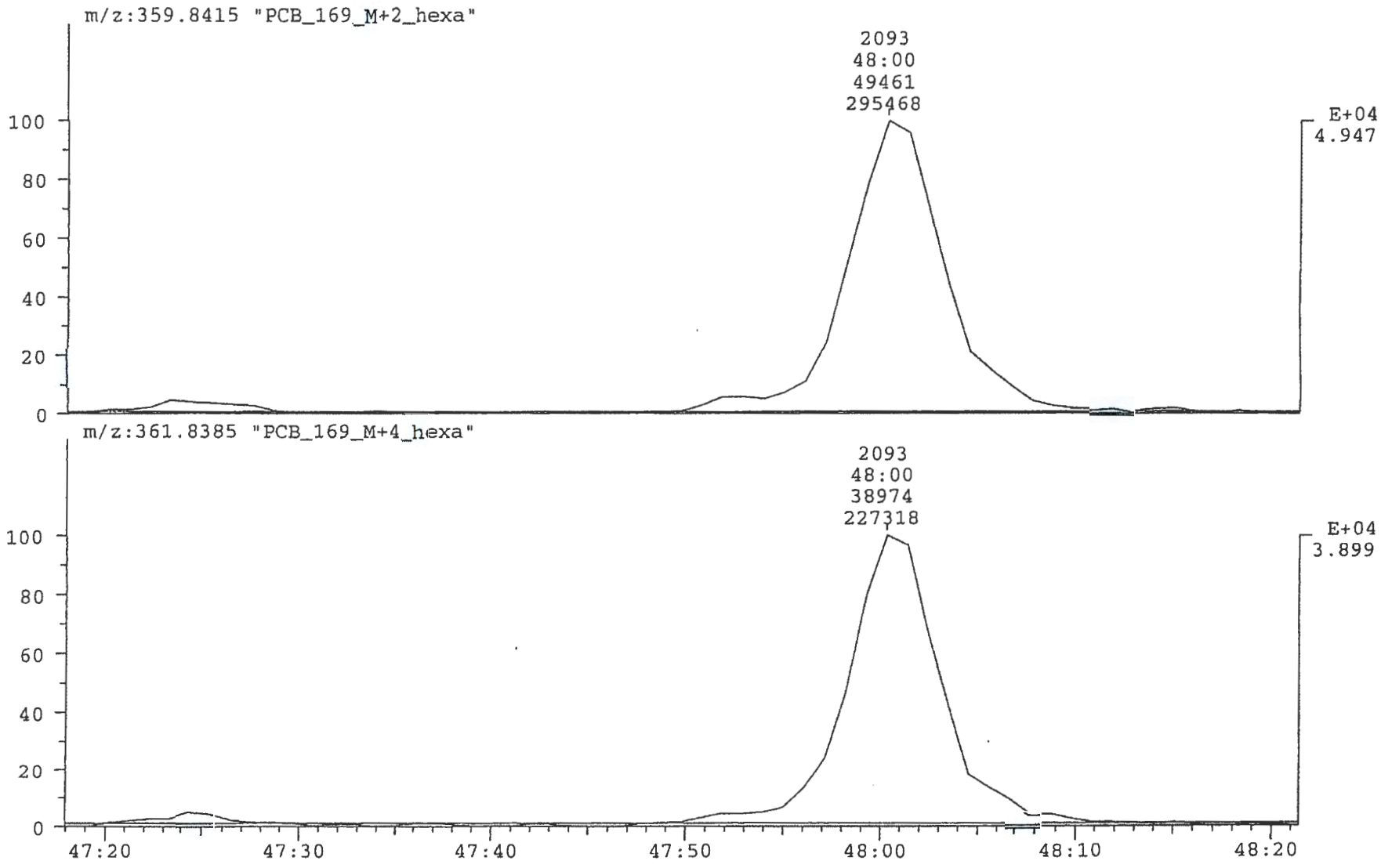
2866

```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  44:37      1901
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1881 > 1917          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```

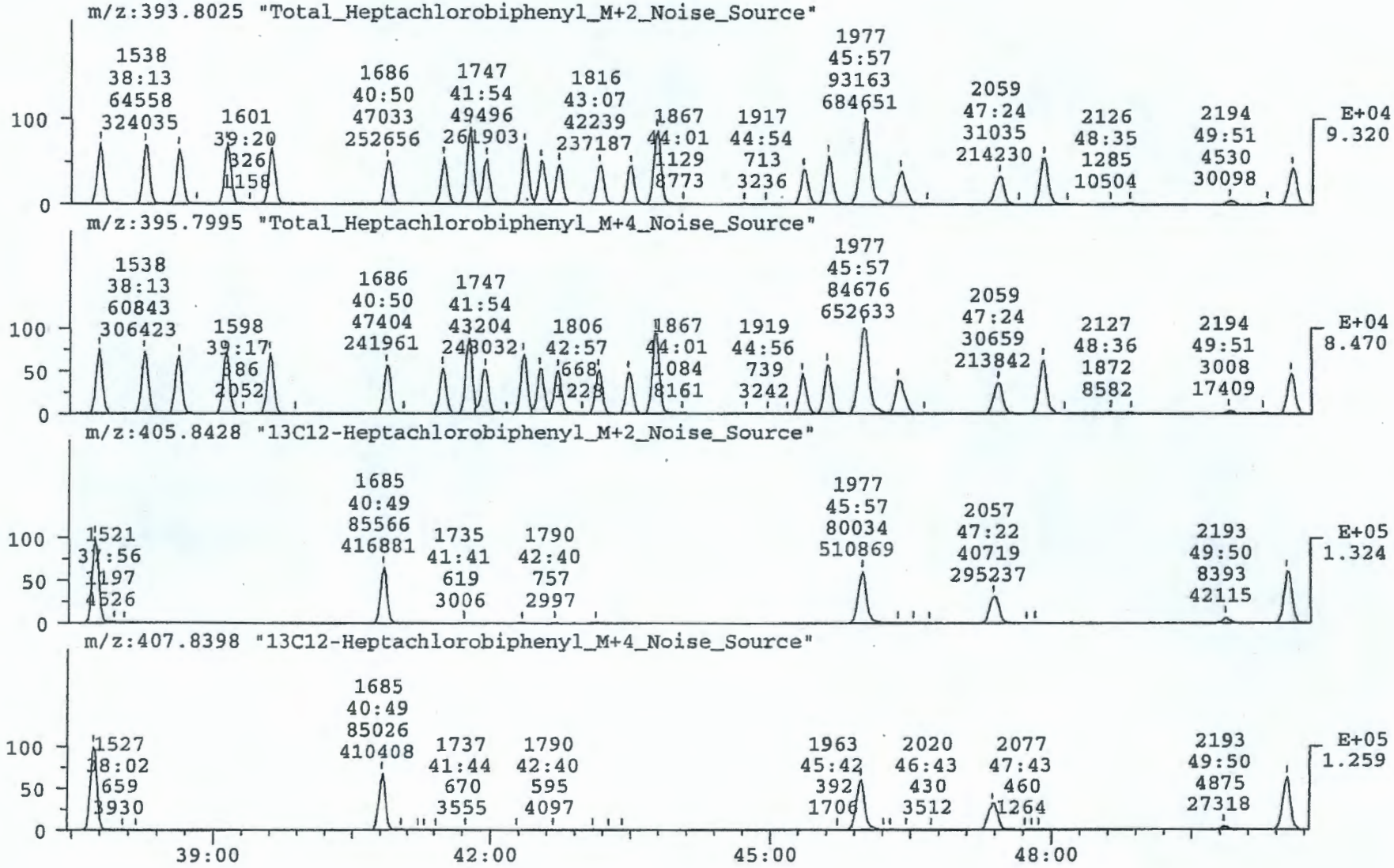


2867

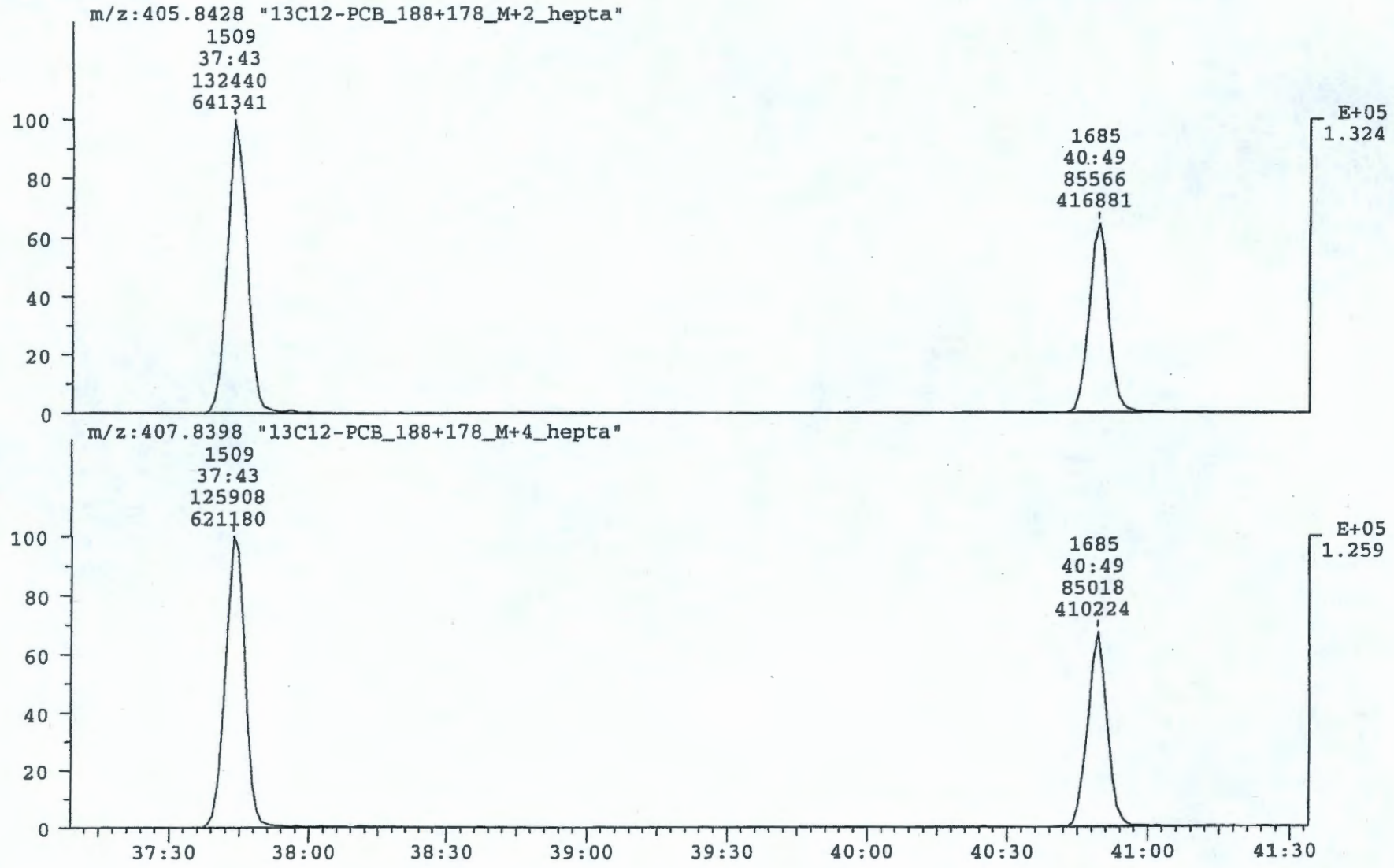
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  47:49      2083
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928si Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2053 > 2113         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



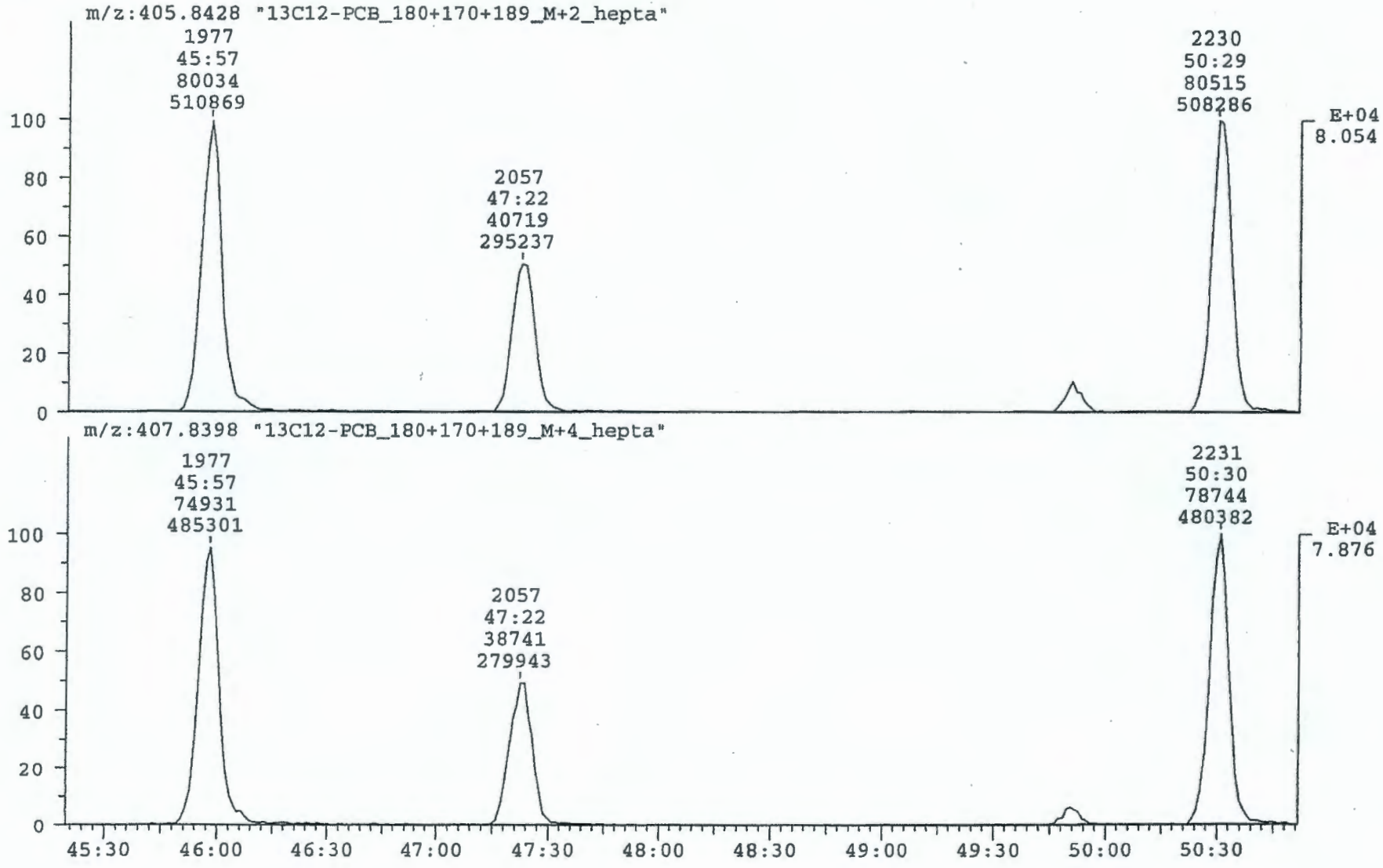
CHRO: apj64jxd 28-Sep-07 Elapse: 44:05 1871
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 1494 > 2245 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



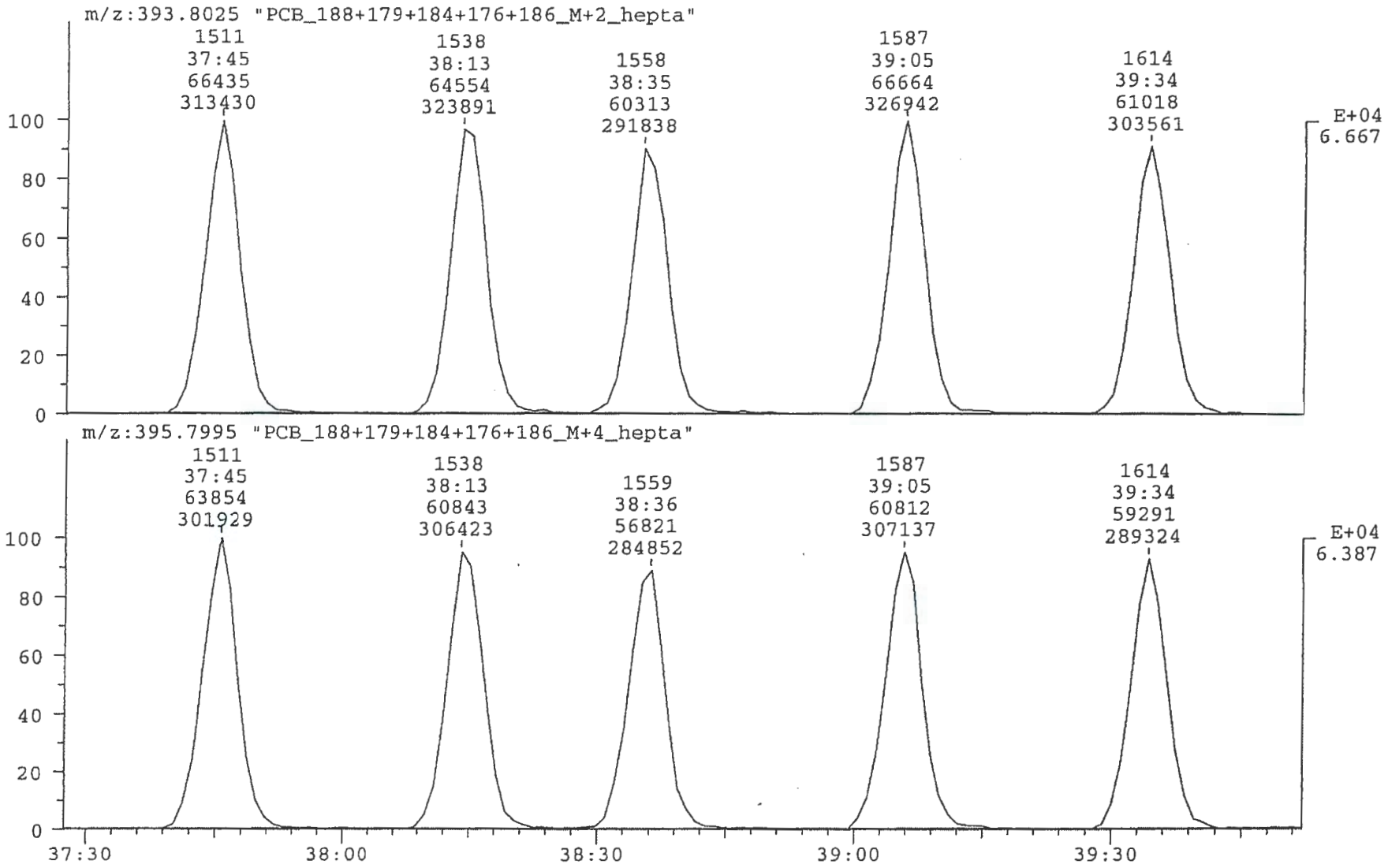
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  39:21      1602
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1477 > 1727          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



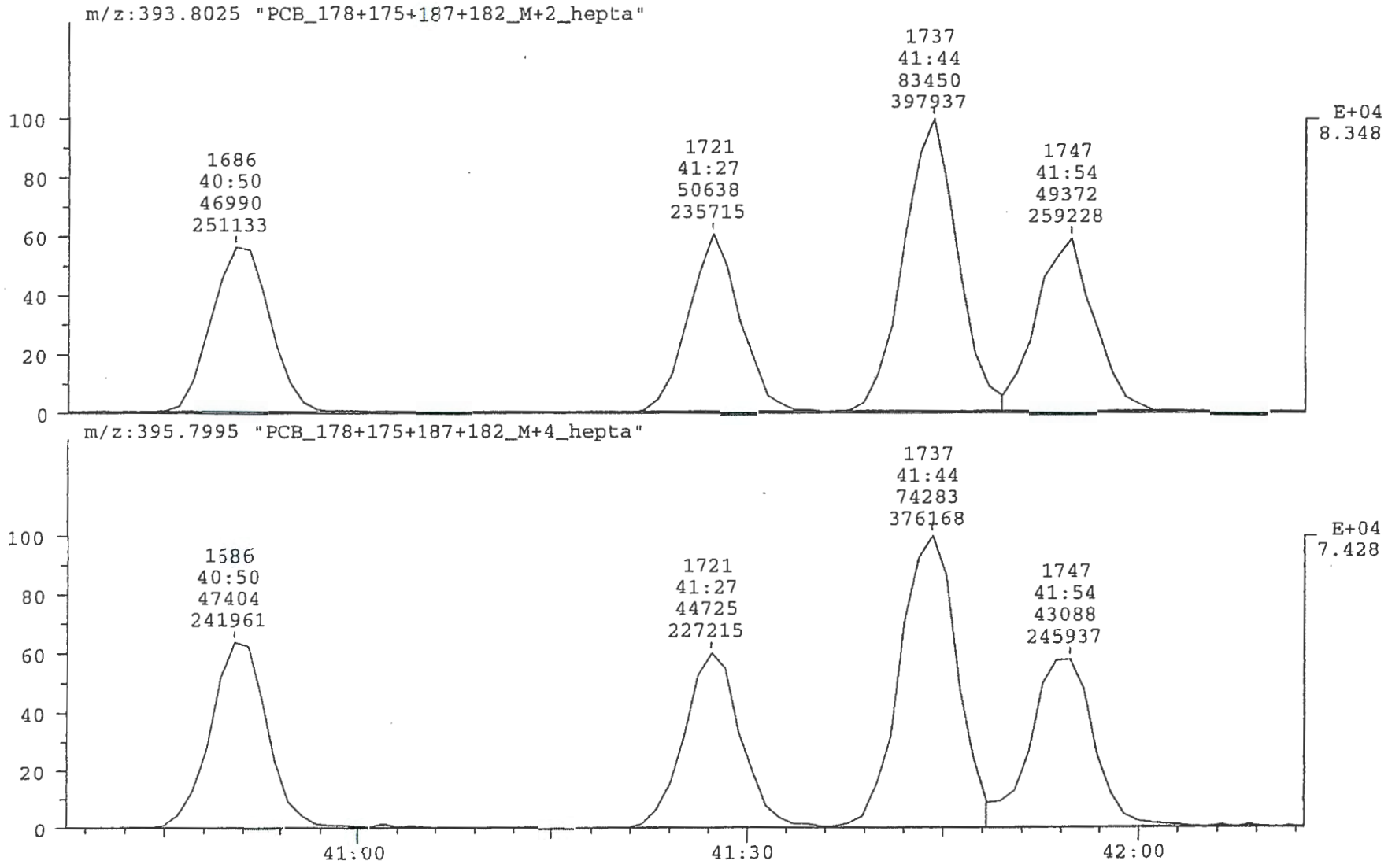
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  48:08      2101
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1941 > 2251         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



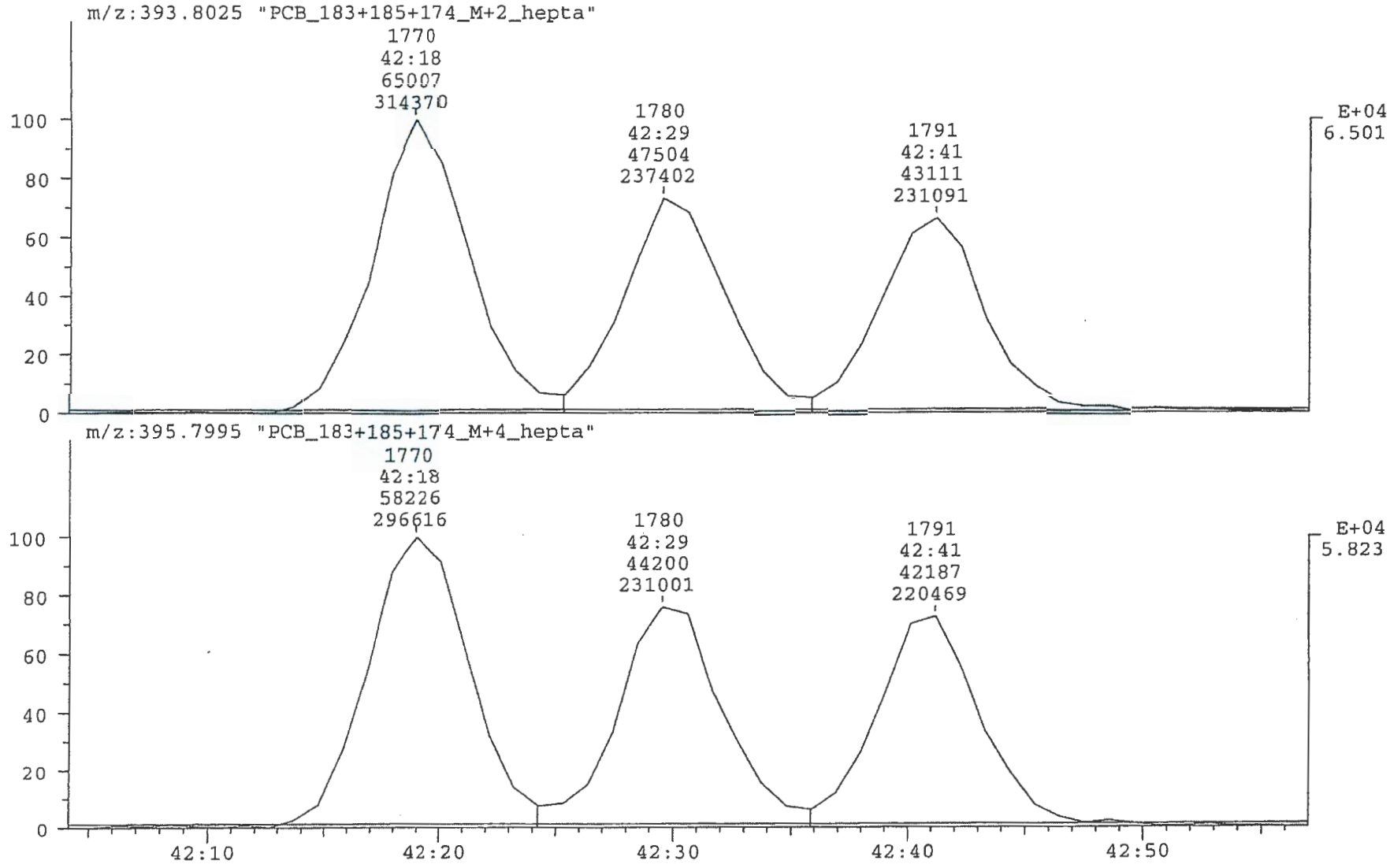
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  38:43      1566
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1494 > 1631          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



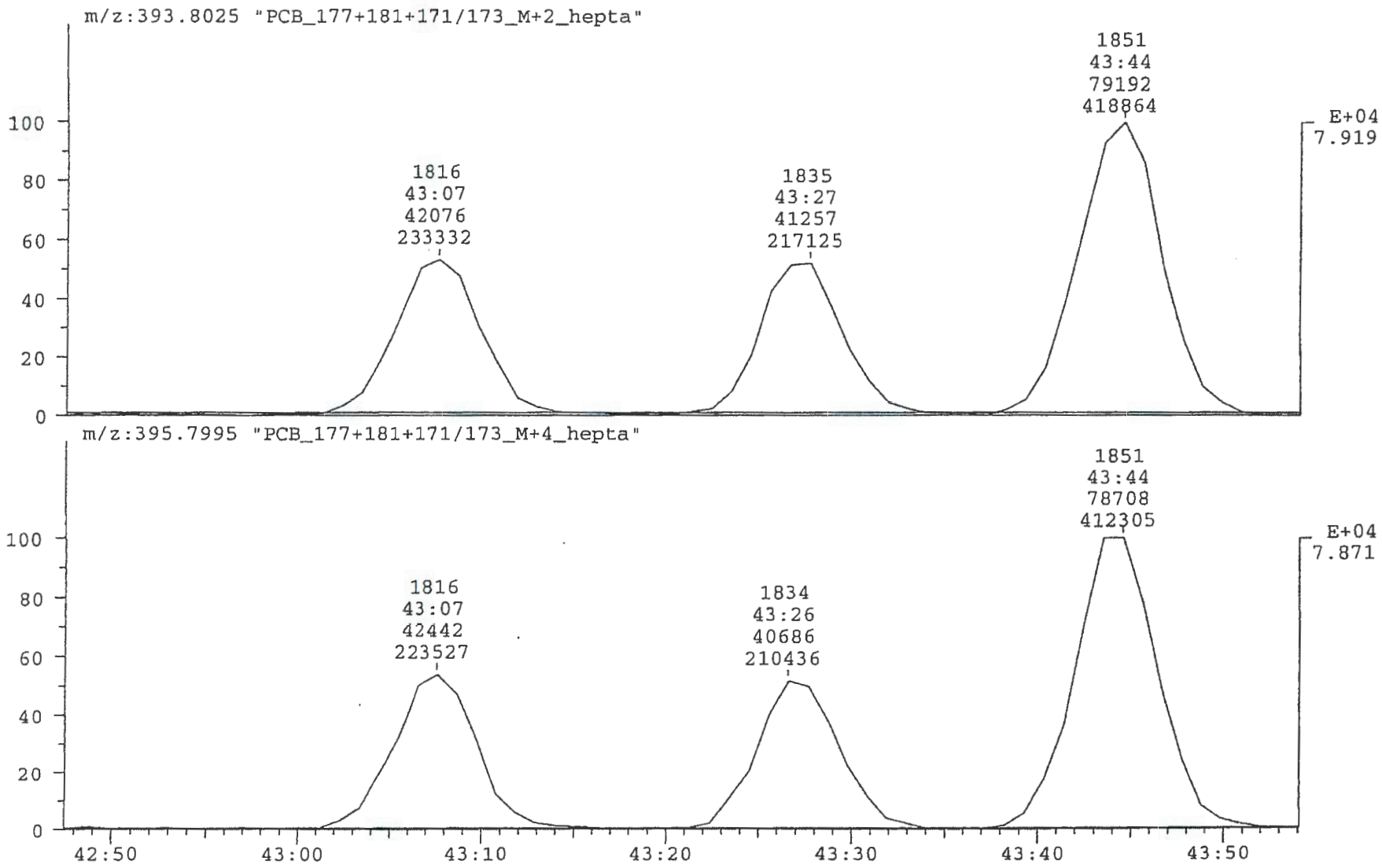
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  41:30      1724
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1674 > 1764         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



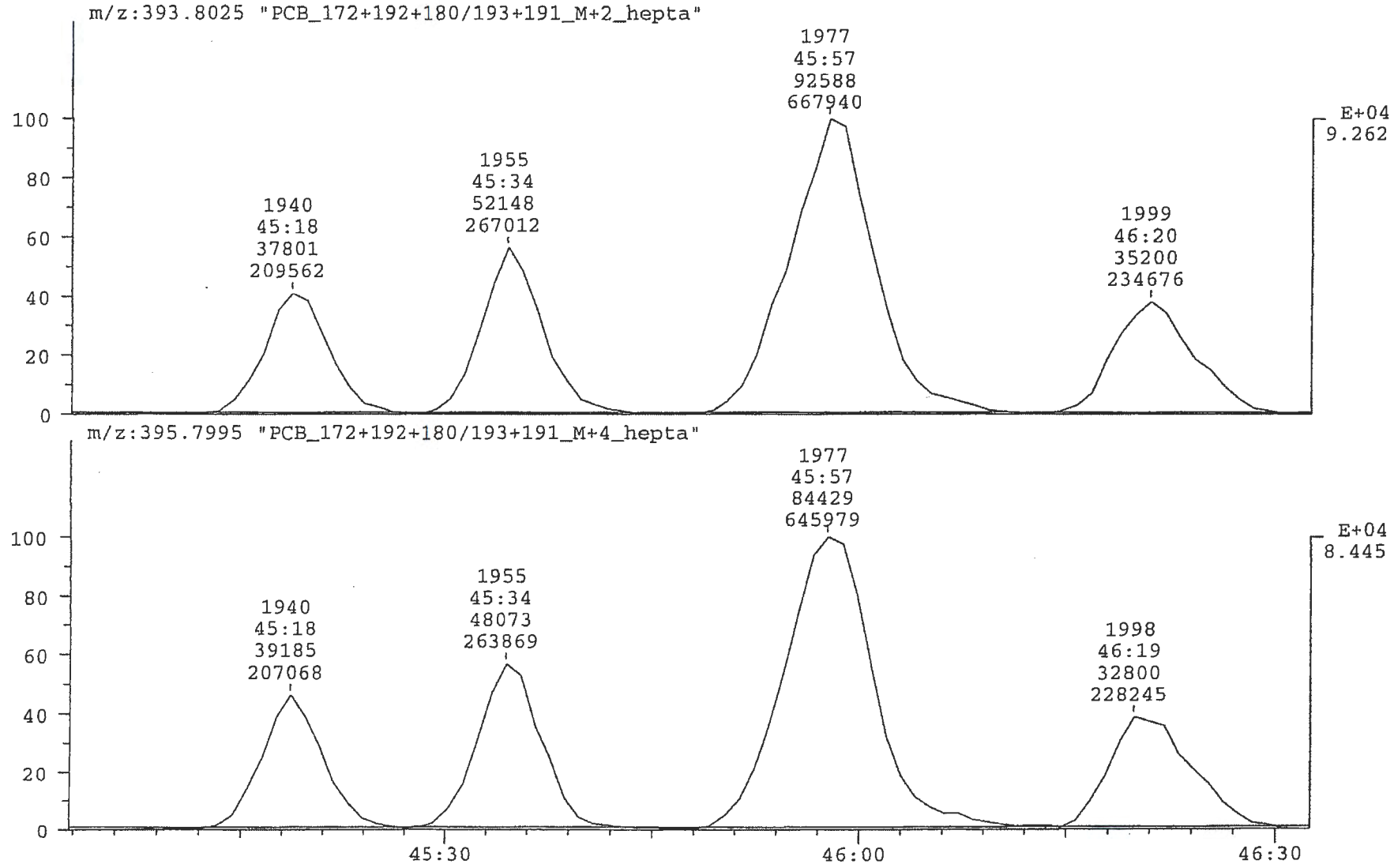
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  42:41      1791
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1756 > 1806         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



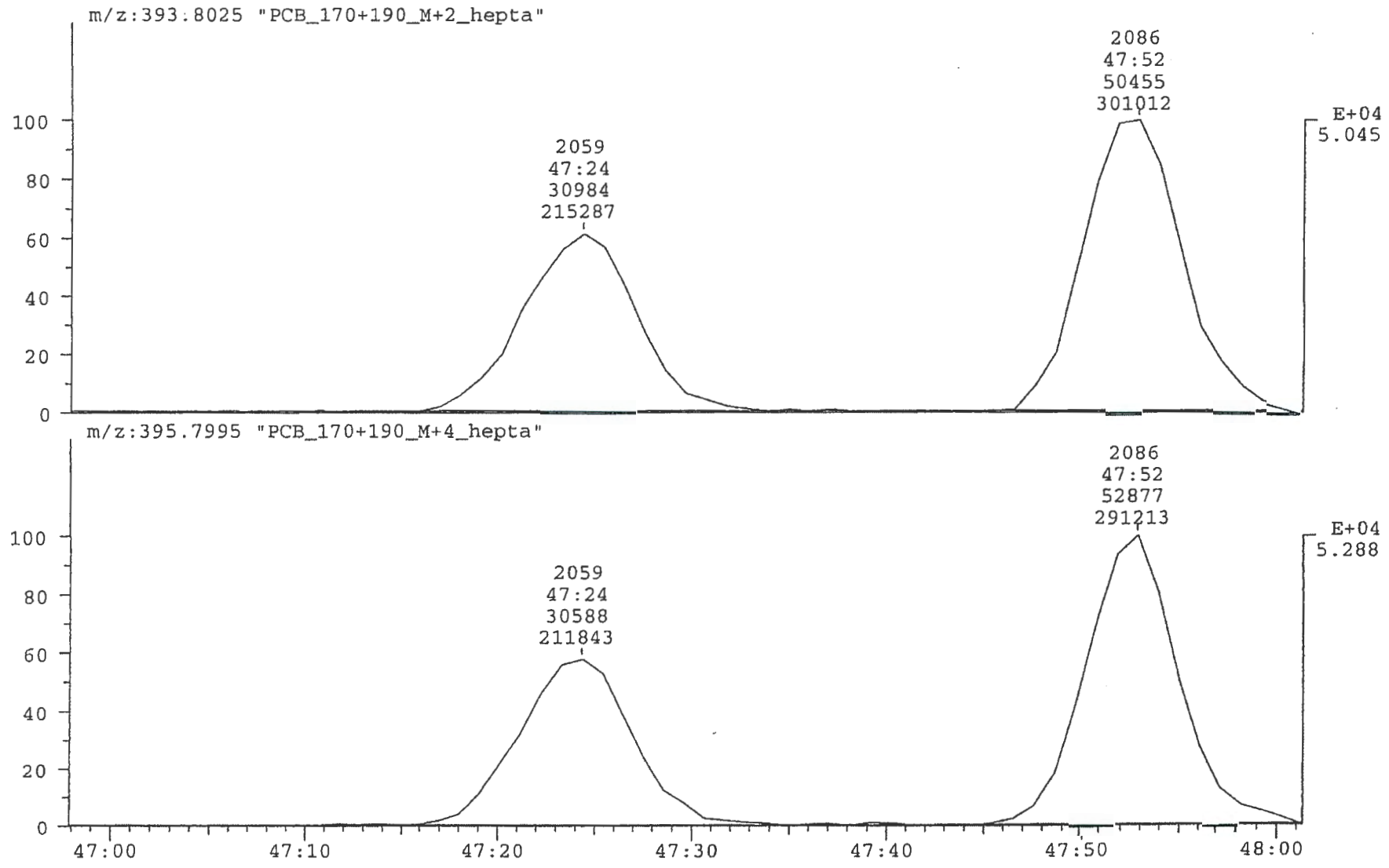
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  43:27      1835
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1797 > 1860          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  45:55      1975
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1925 > 2010         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

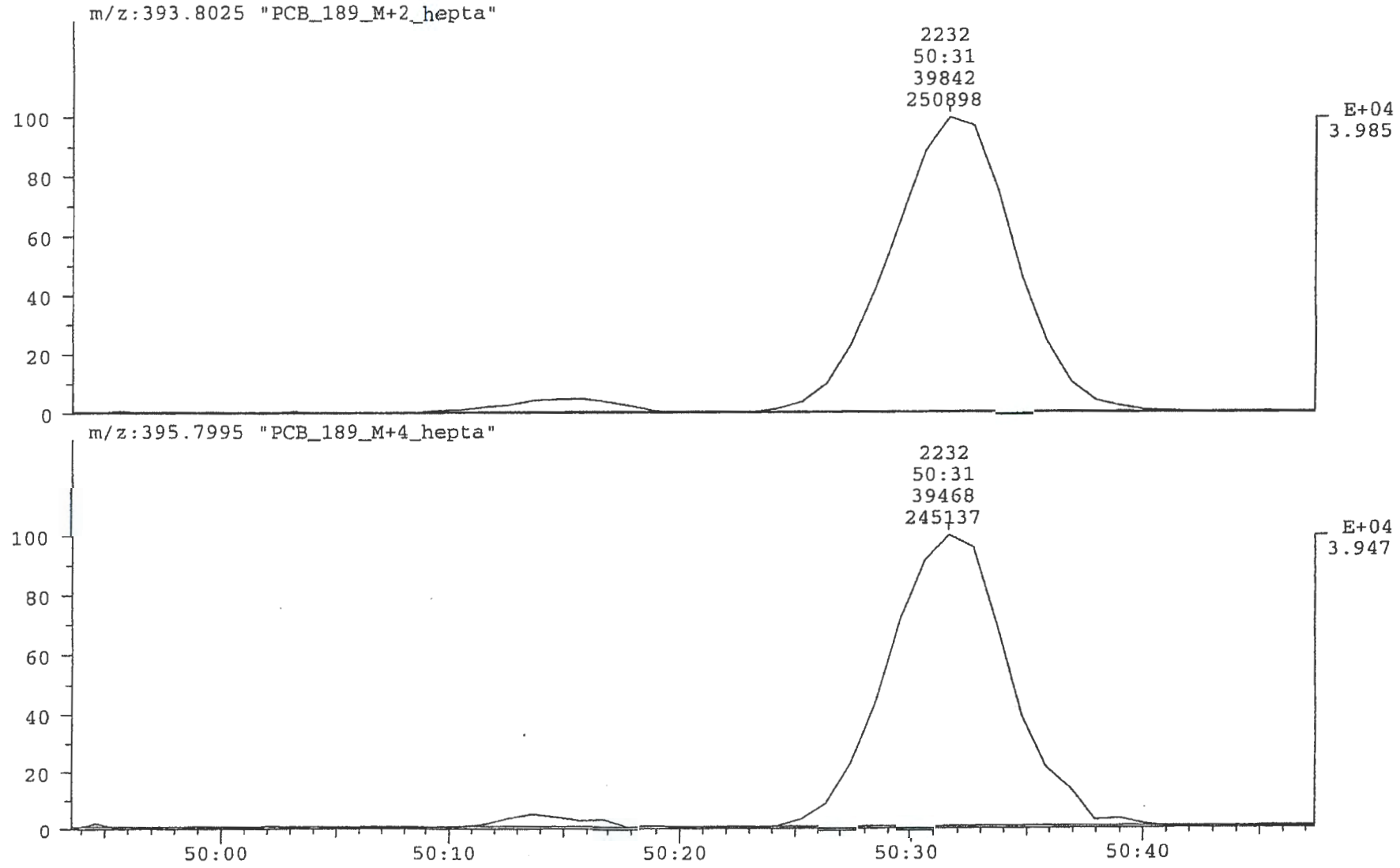


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  47:34      2069
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2034 > 2094         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



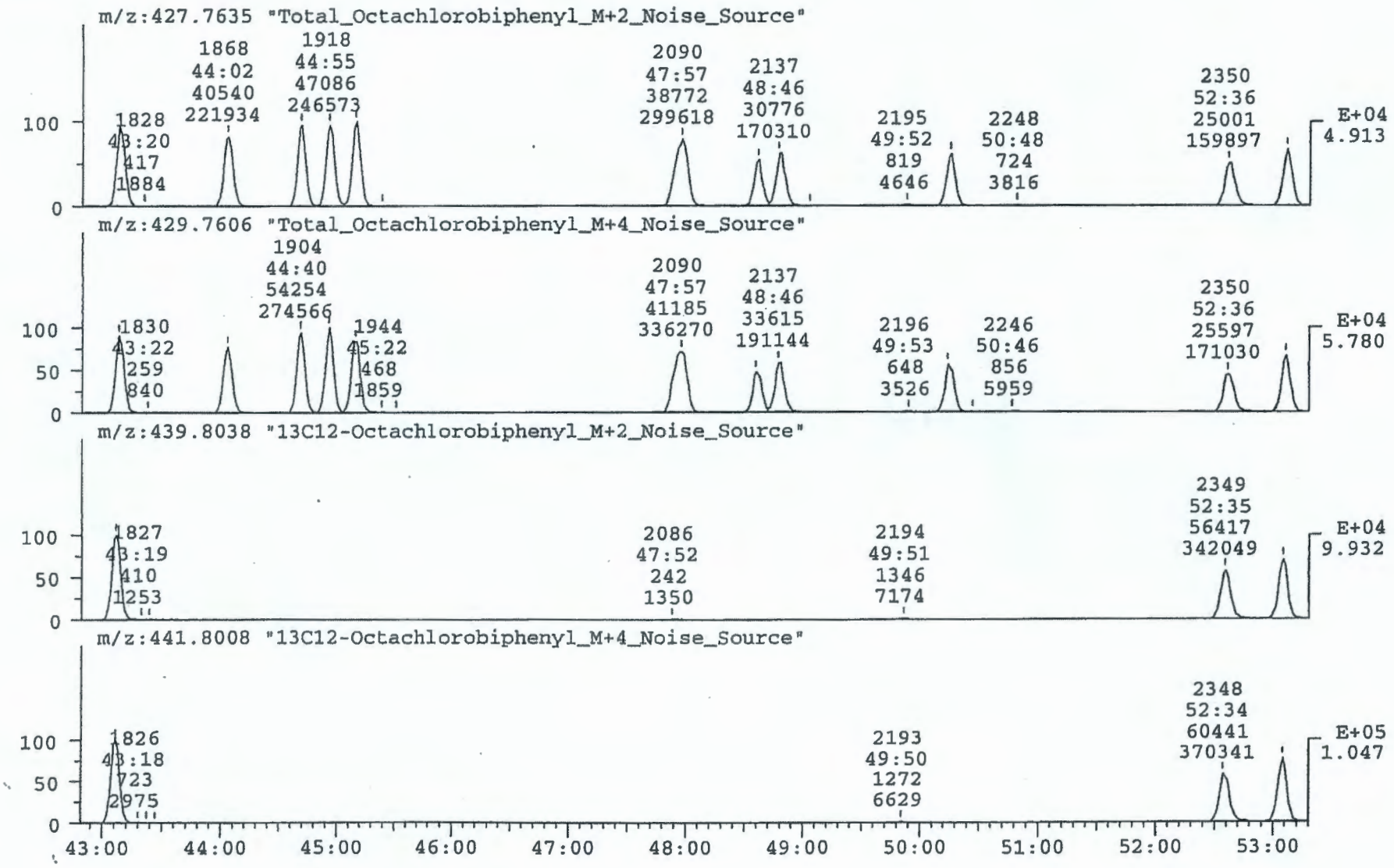
2877

```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  50:18      2220
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2196 > 2247          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

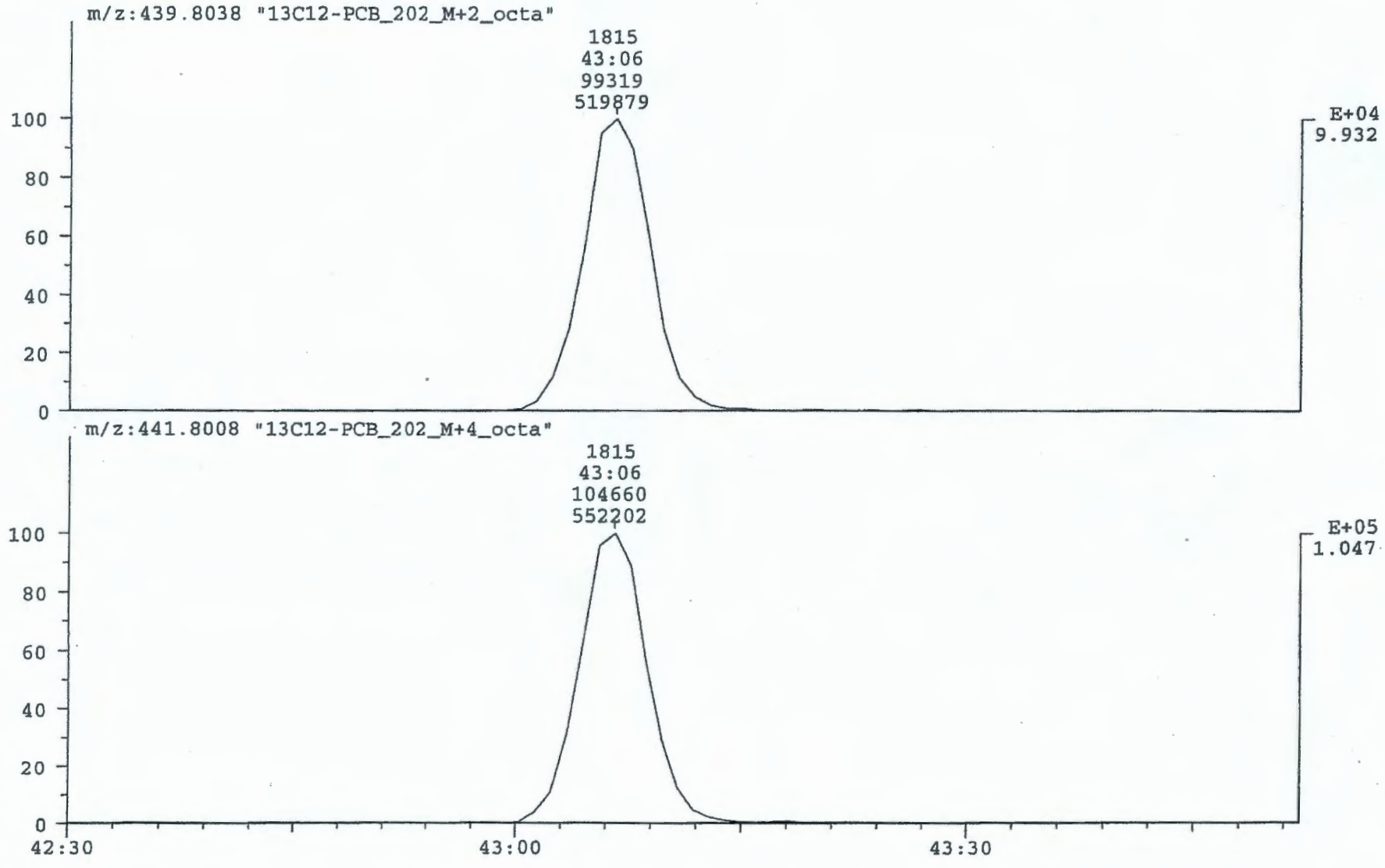


2878

```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  48:03      2096
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1798 > 2389         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

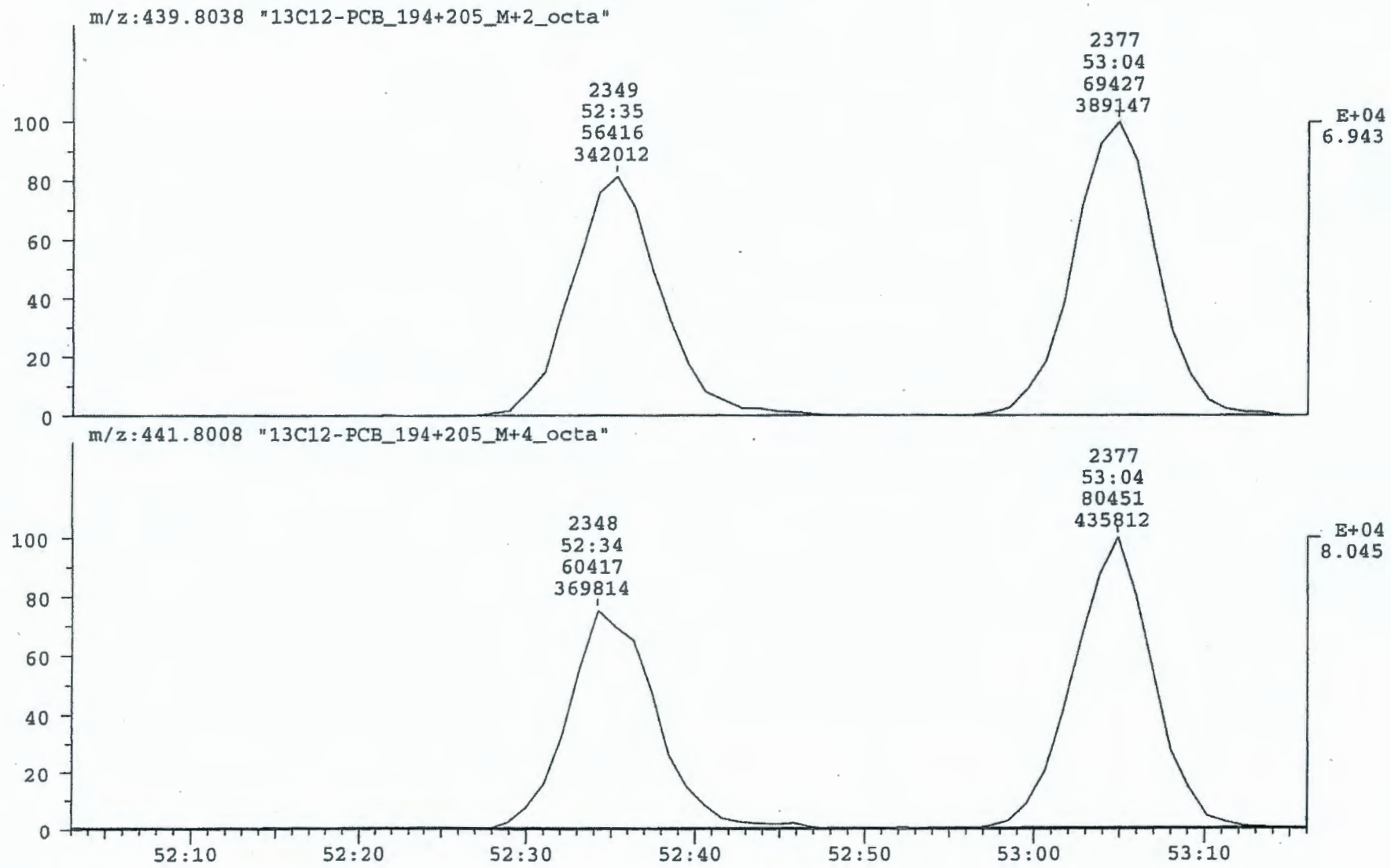


```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  43:07      1816
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial 37
Peak:  100.00  ppm      Label wndw:   1780 > 1858         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

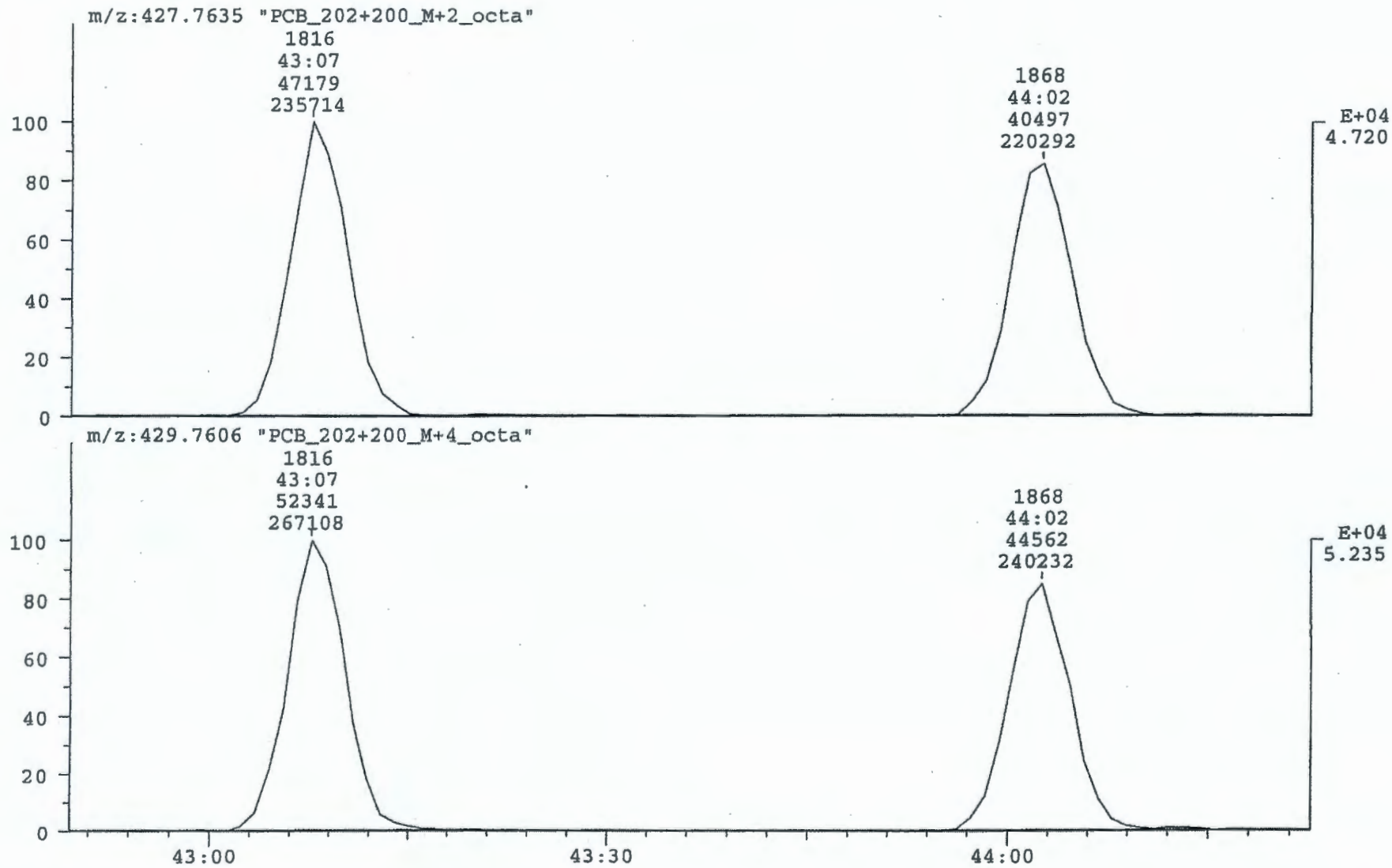


2880

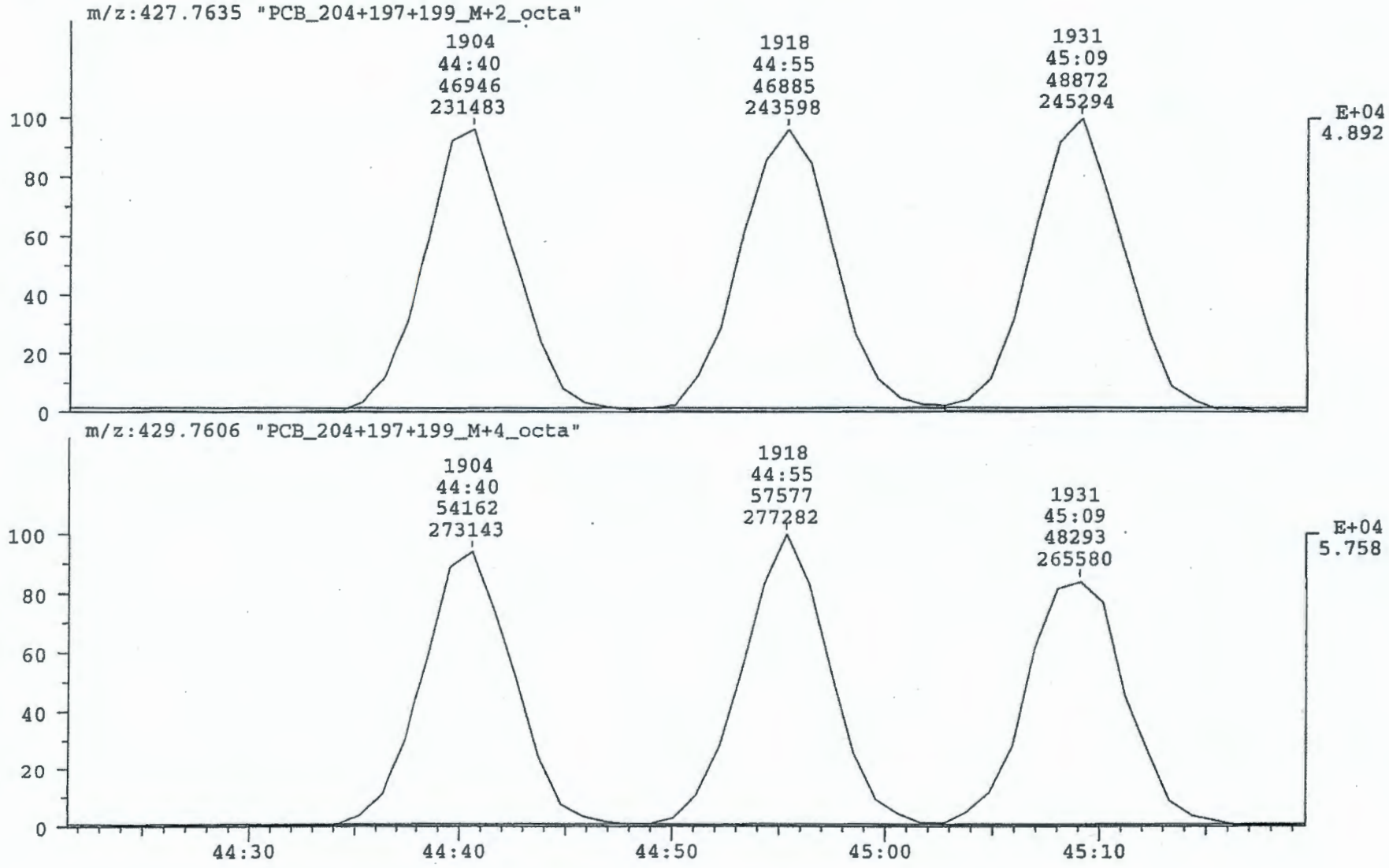
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  52:39      2353
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2318 > 2388         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



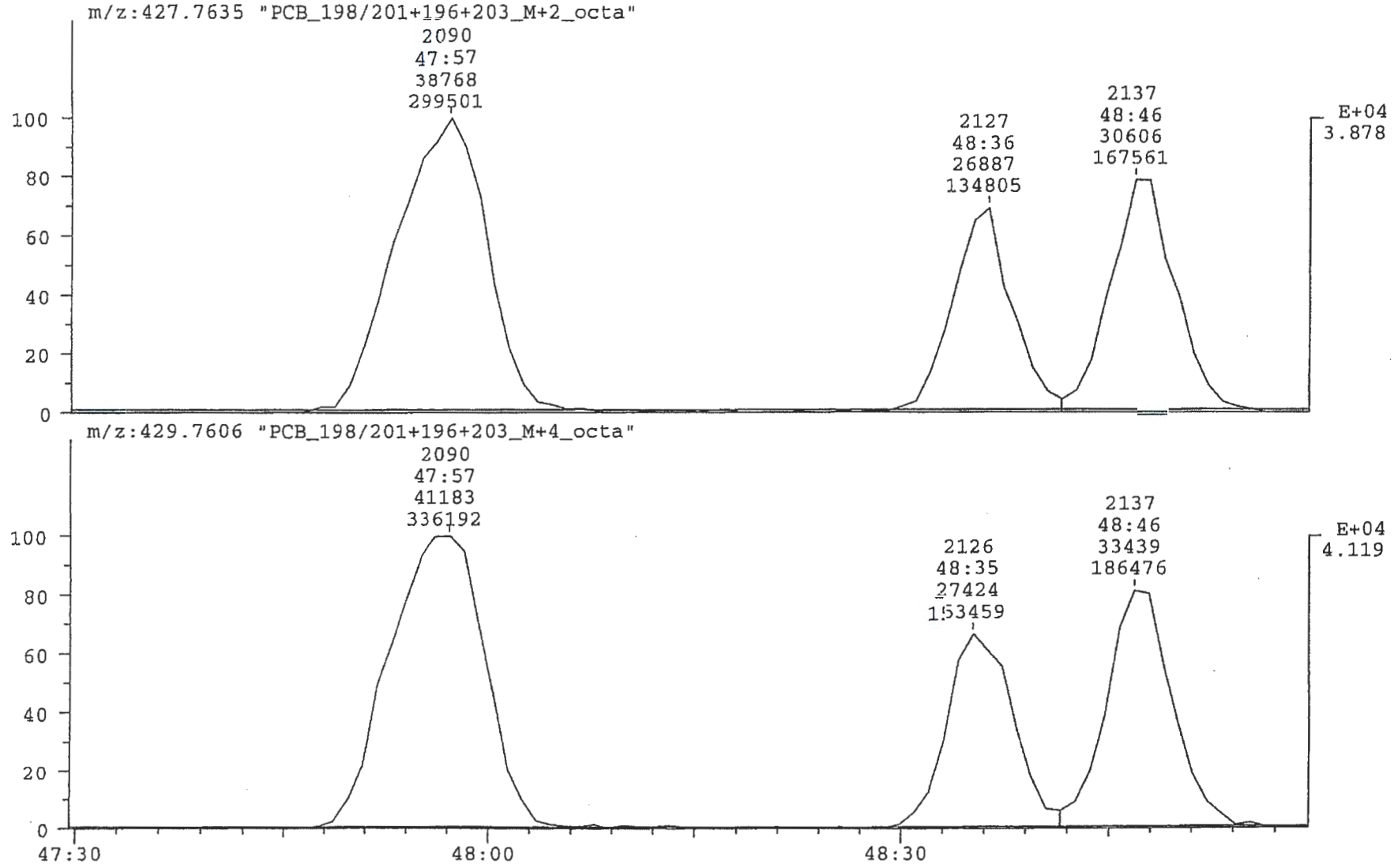
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  43:40      1847
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S                Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   1799 > 1887           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



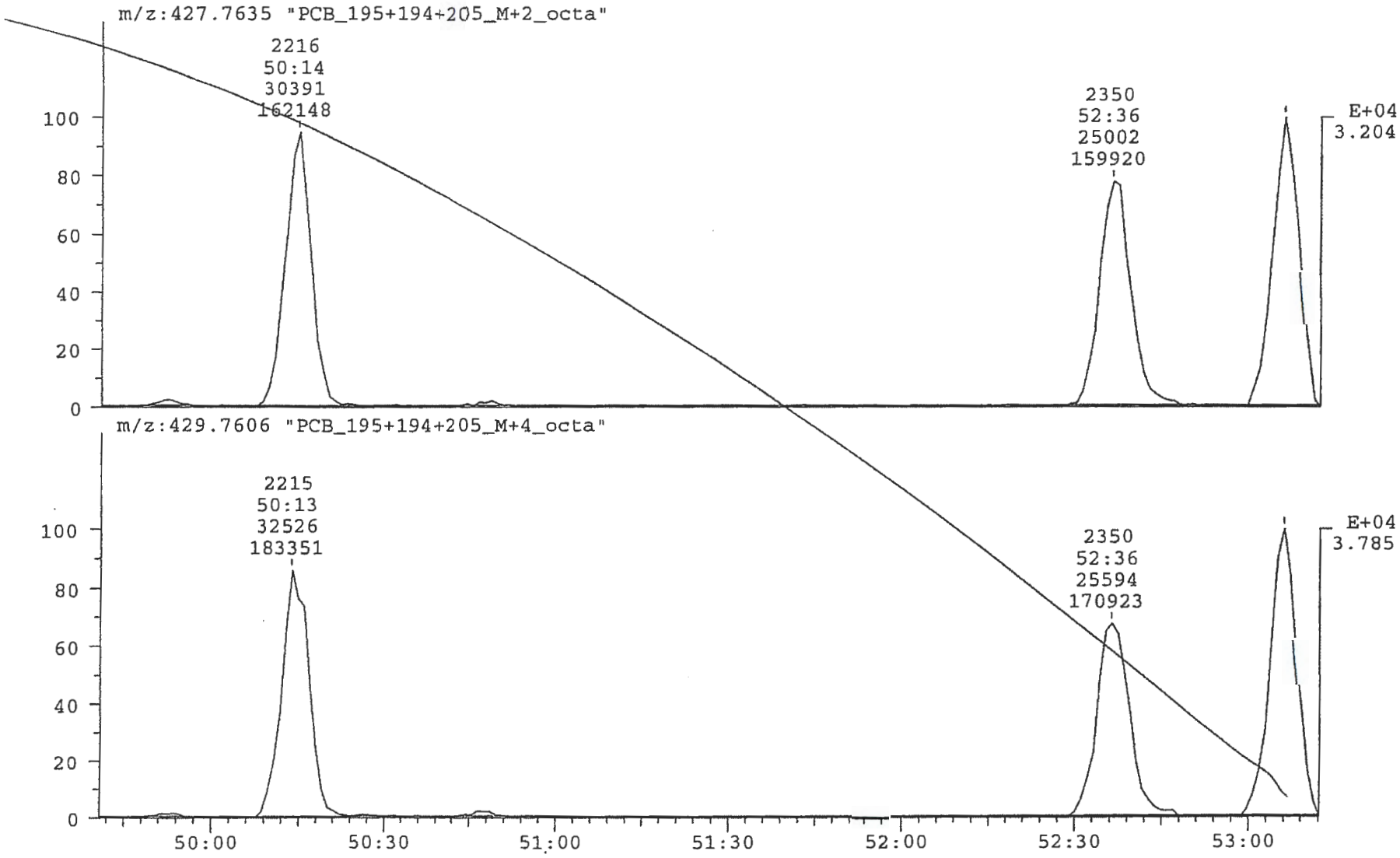
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  44:42      1906
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial 37
Peak:  100.00  ppm      Label wndw:   1886 > 1941          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



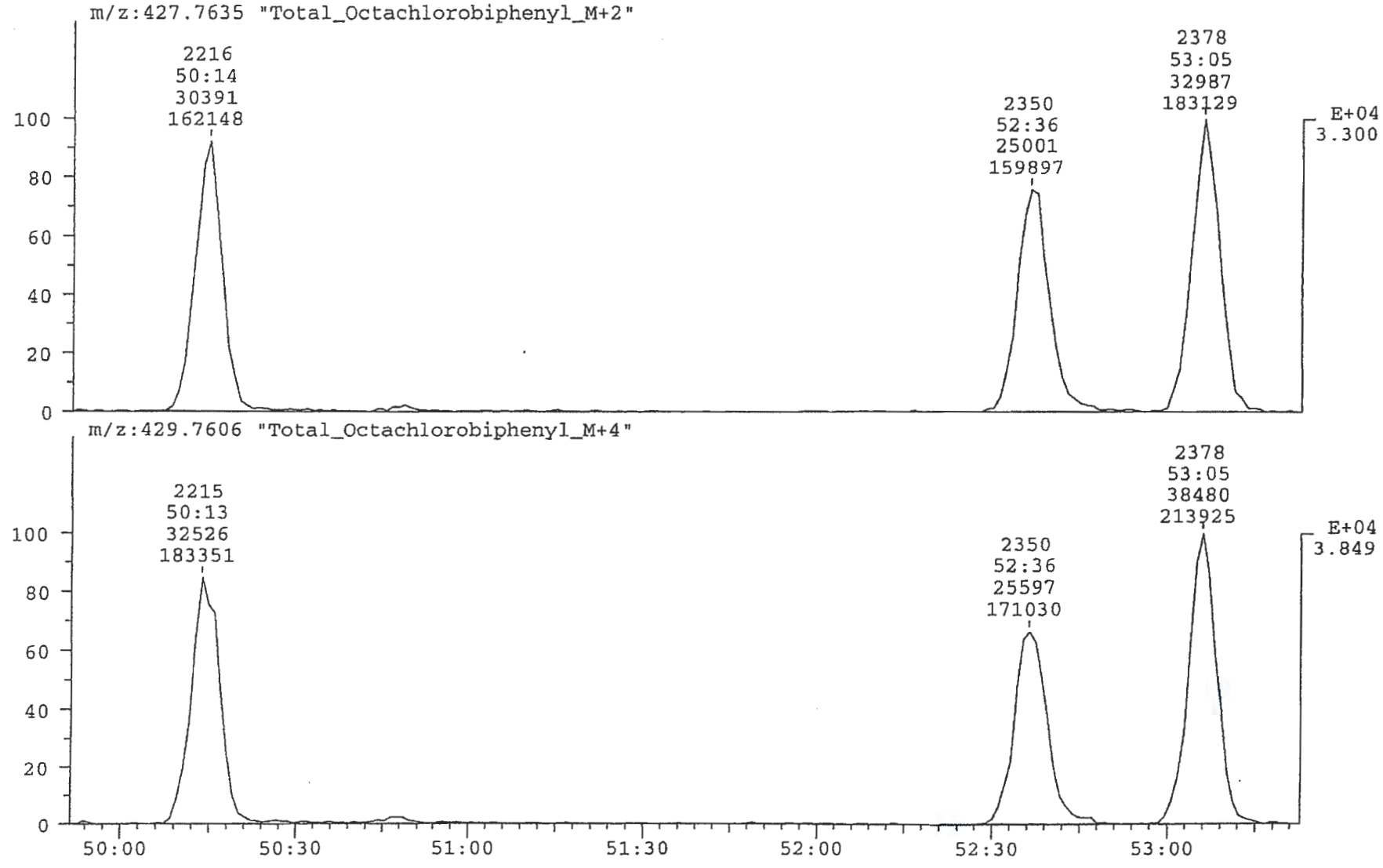
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  48:33      2124
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2064 > 2149          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: apj64jxd 28-Sep-07 Elapse: 52:24 2339
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 2184 > 2384 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

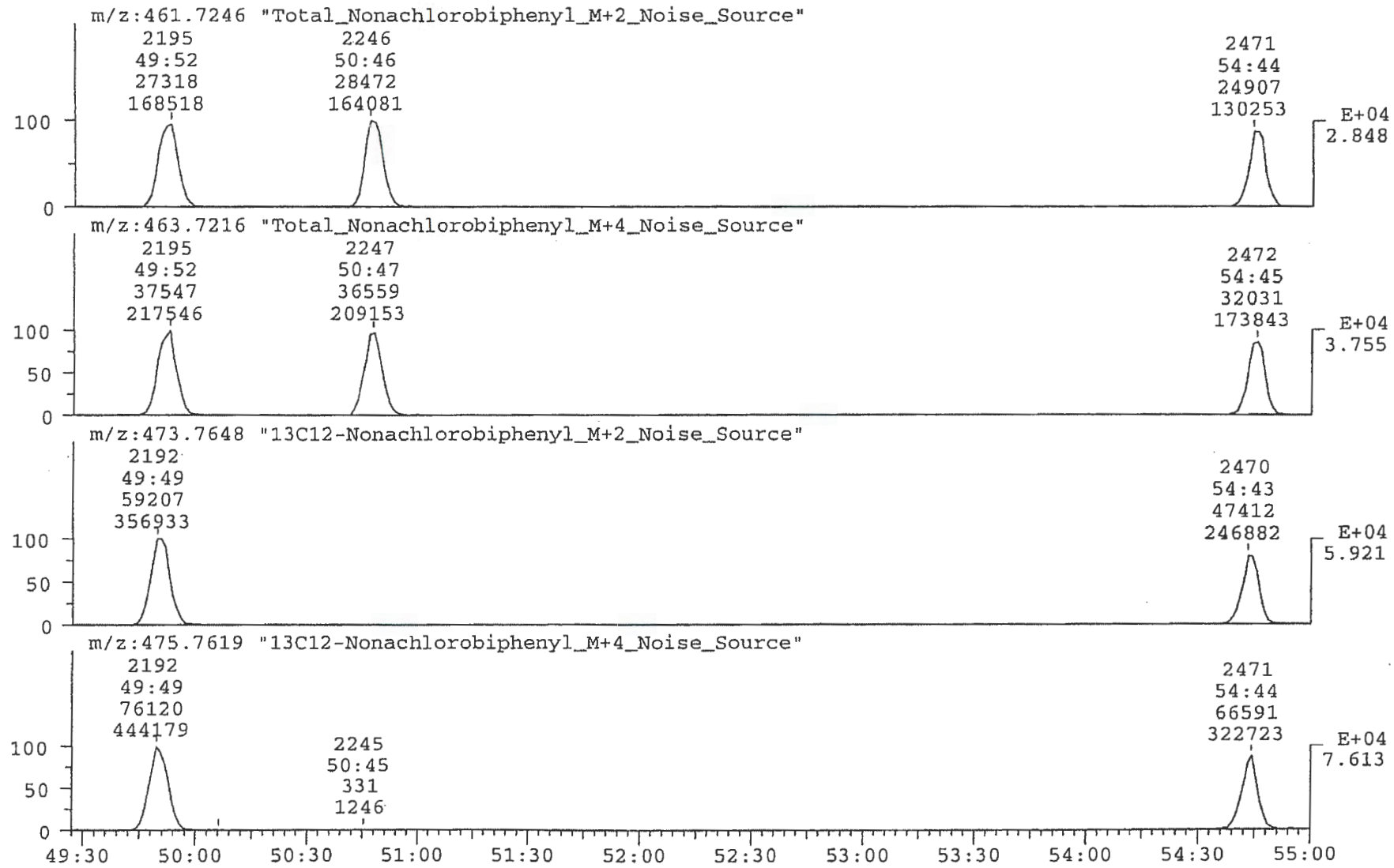


```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:  2194 > 2394           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :  100, 3                Label :  3, 3.0
Disp:  Height  Area
```

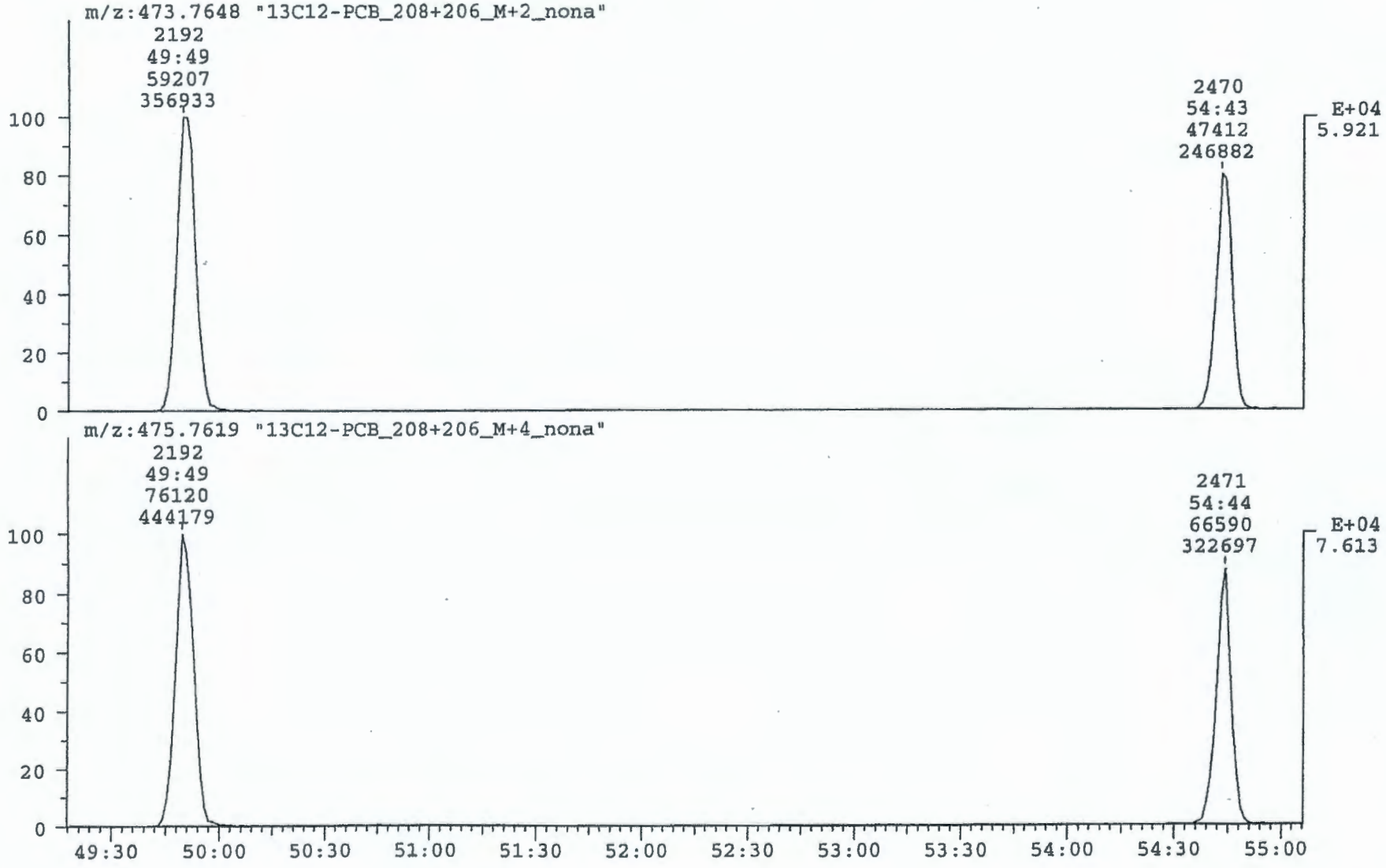


2886

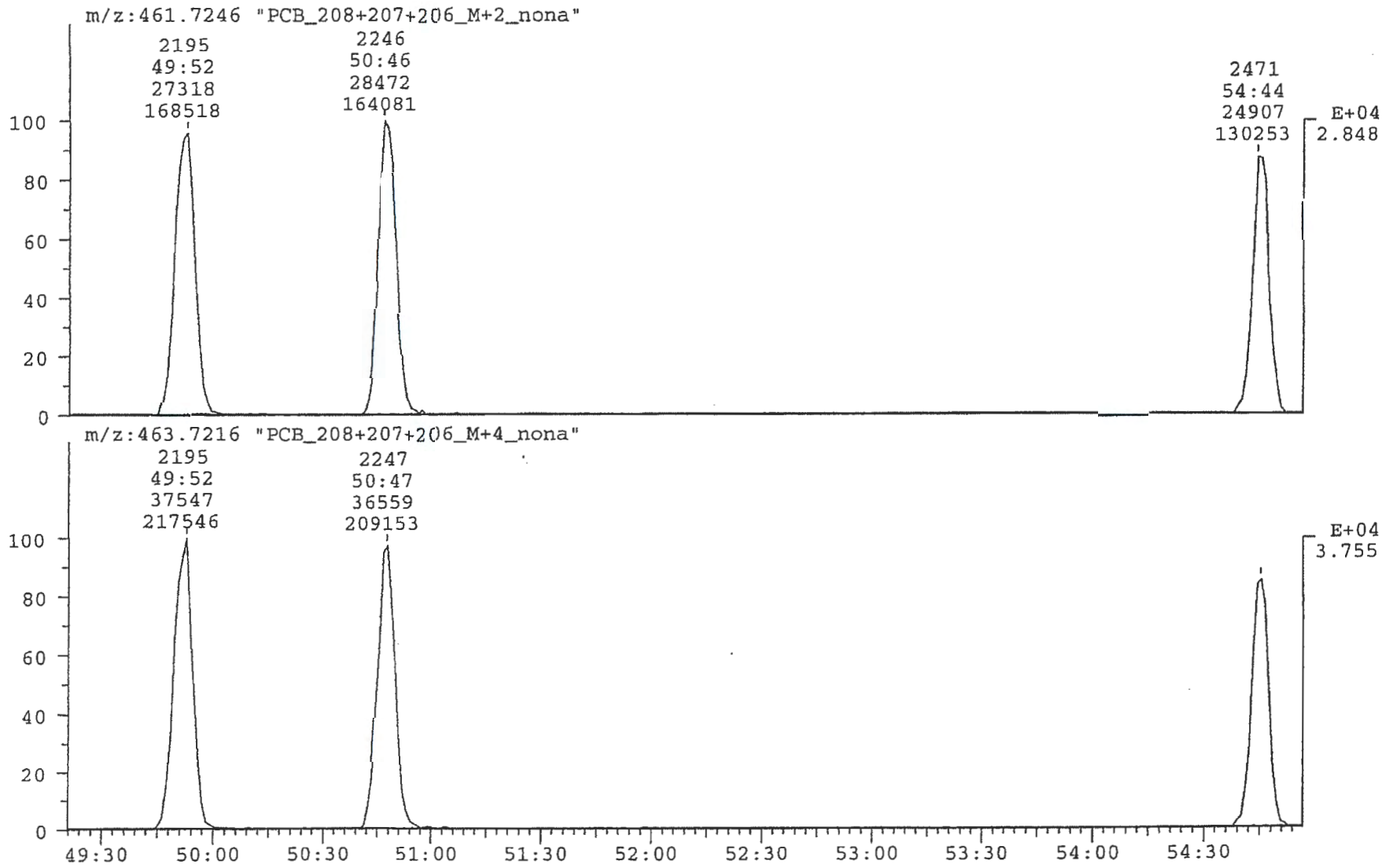
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  52:13      2328
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 .               Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2171 > 2486         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



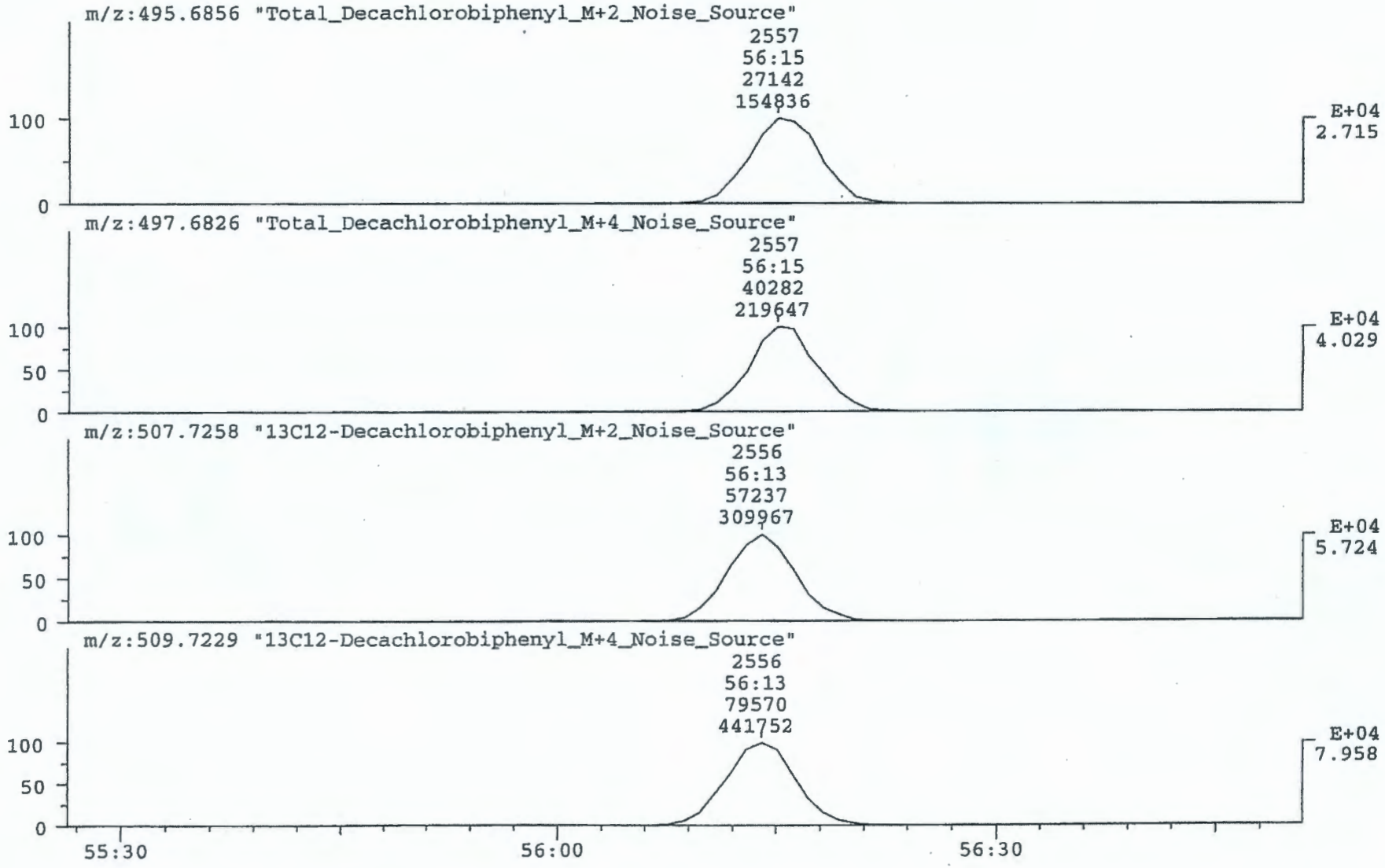
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  52:12      2327
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2162 > 2492          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



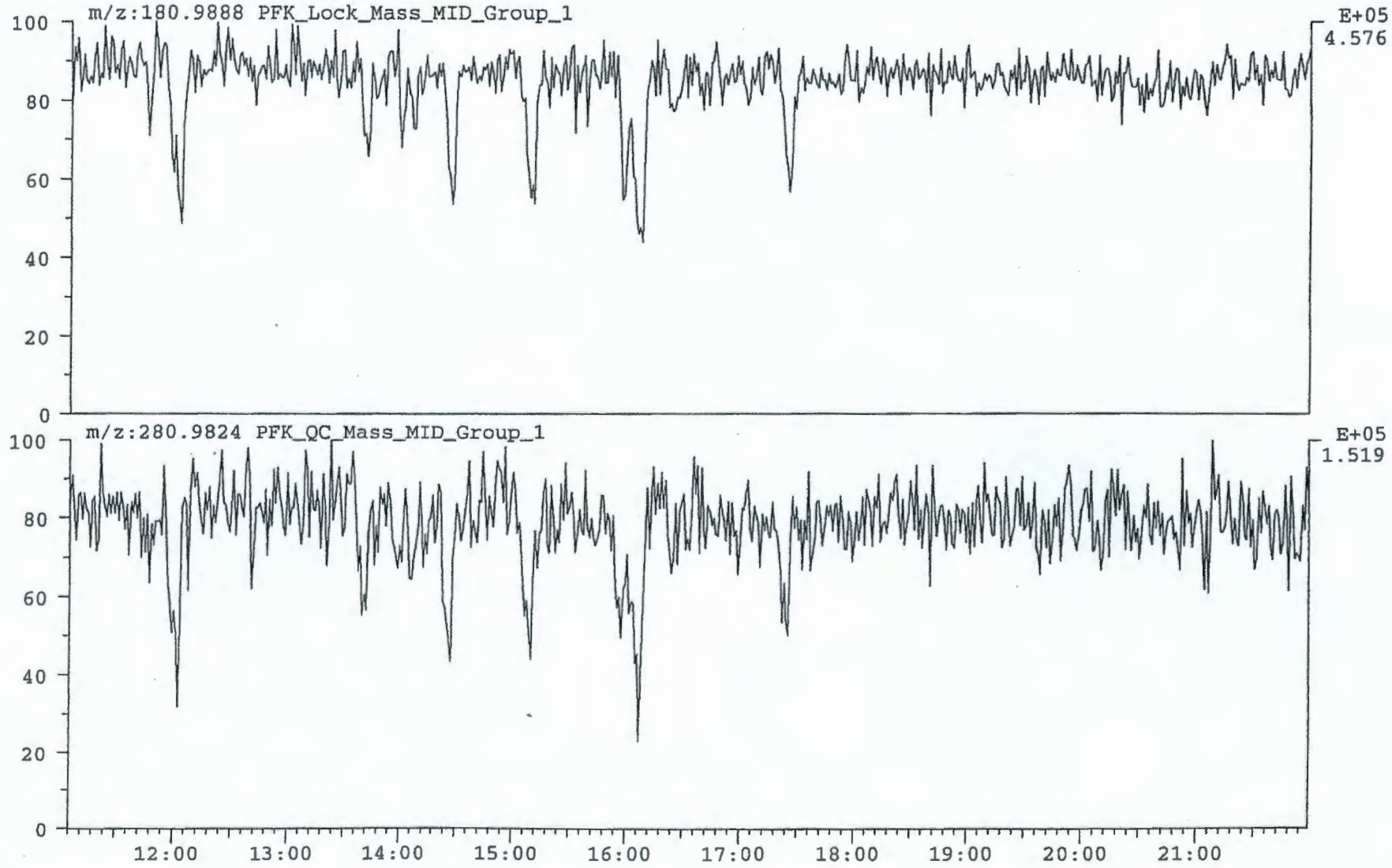
```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  52:13      2328
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2165 > 2483          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



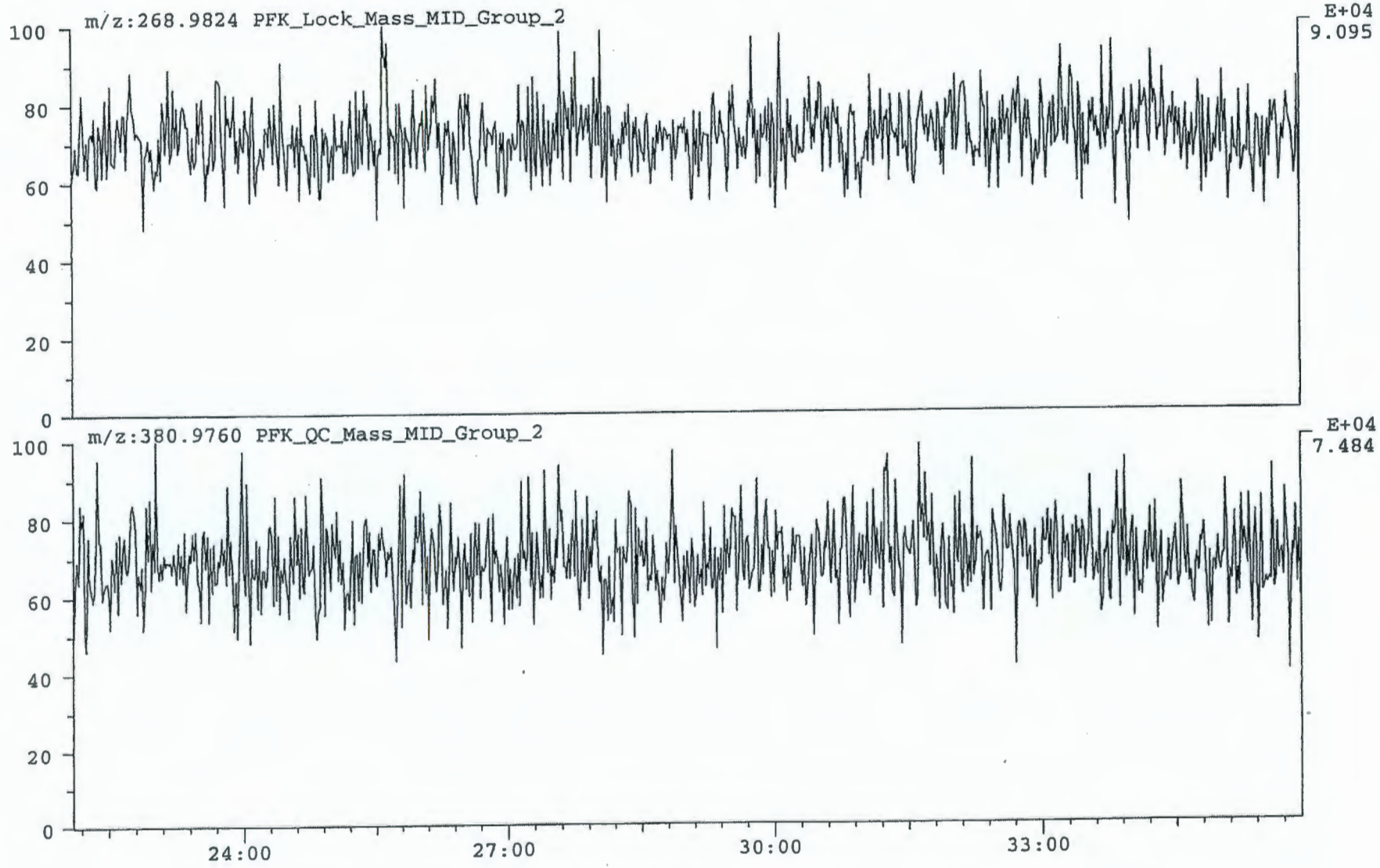
```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG          Client:  H7I180256-002S               Inlet :  GC     Vial  37
Peak:  100.00  ppm     Label wndw:   2511 > 2591          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   6 > 623             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  0, 0.0
Disp:  Height  Area
```

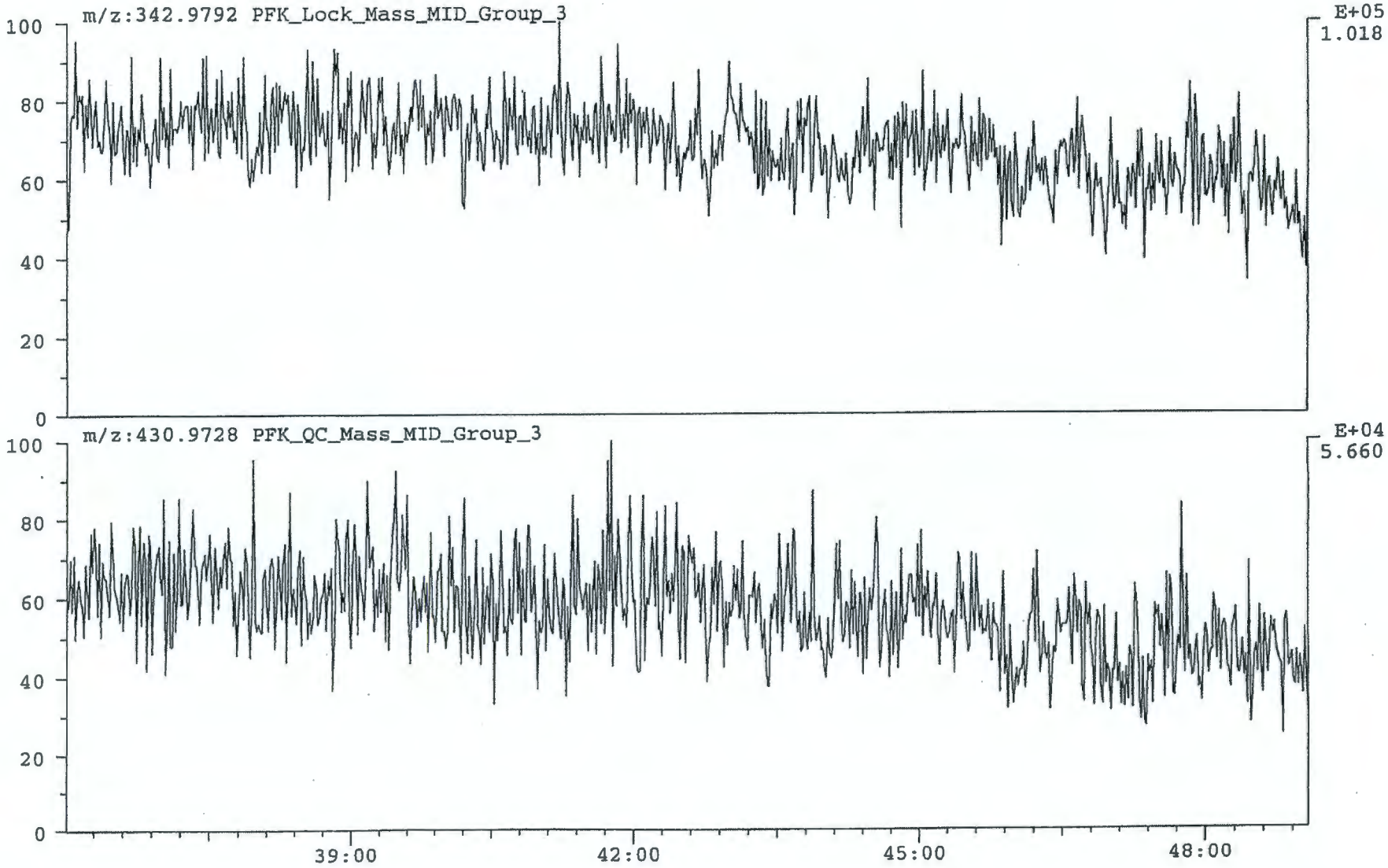


CHRO: apj64jxd 28-Sep-07 Elapse: 56:11 2554
Samp: Vial 37 WO=j64jx1ad Meth=IE5 Dil=1 Start : 21:18:47 2601
Comm: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 7264161 (10.0g)
Oper: DCG Client: H7I180256-002S Inlet : GC Vial 37
Peak: 100.00 ppm Label wndw: 626 > 1410 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

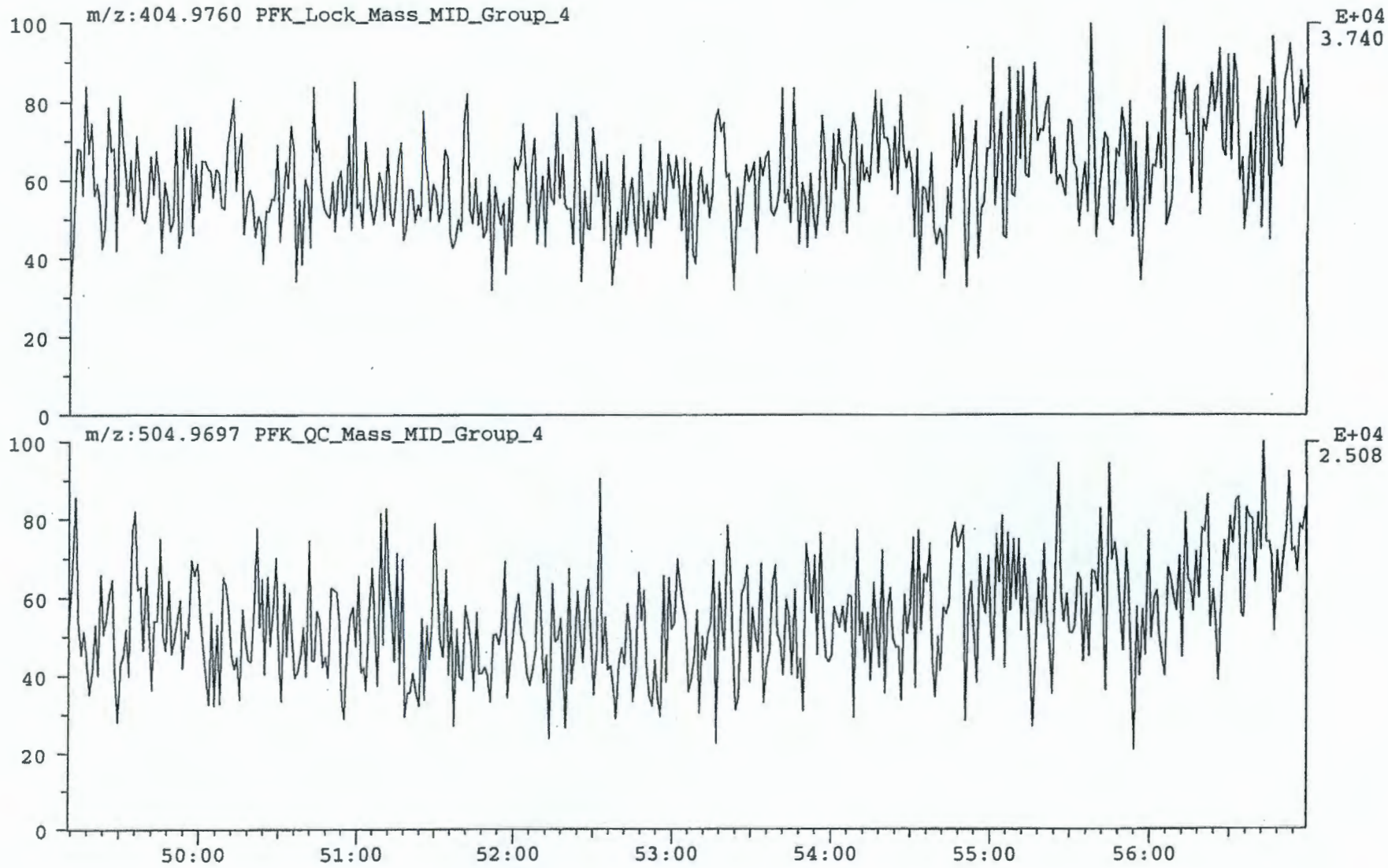


2892

```
CHRO:  apj64jxd                                28-Sep-07   Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                  Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S              Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   1413 > 2153          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  apj64jxd                                28-Sep-07  Elapse:  56:11      2554
Samp:  Vial 37 WO=j64jx1ad Meth=IE5 Dil=1                 Start :  21:18:47   2601
Comm:  Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  7264161 (10.0g)
Oper:  DCG            Client:  H7I180256-002S             Inlet :  GC     Vial  37
Peak:  100.00  ppm      Label wndw:   2156 > 2599         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  0, 0.0
Disp:  Height  Area
```



2894

Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: apj64jxd
Study: 7264161 (10.0g)
Sample: WO=j64jx1ad Meth=IE5 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: H7I180256-002S
Comments: Inst=m1d/35055-03a Batch=20070928s1 Ccal=20070313i
Injected volume: 2.00
Sample from Vial 37
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 6 of list 070928
ICL procedure: sleep7x
MID procedure: epa1668

MID Remarks: EPA 1668 - 209 PCBs- 2m/z's - 6/29/05

Mid Set Up Parameter:

Measure/lock ratio	1
Damping Relay	FALSE
Width first lock	0.10 amu
Electric jump time	10 ms
Magnetic jump time	60 ms
Offset	75 cts
Electric range	300 %
Sweep peak width	3.00
MID mode	Lock mode
Acq mode	Cent mode

Mid Time Windows:

	Start	Measure	End	Cycletime
# 1	11:00 min	11:00 min	22:00 min	1.00 sec
# 2	22:00 min	13:55 min	35:55 min	1.00 sec
# 3	35:55 min	13:10 min	49:05 min	1.00 sec
# 4	49:05 min	7:55 min	57:00 min	1.00 sec

Mid Masses:
Window # 1

mass	F	int	gr	time (ms)
180.9888	1	10	1	4.10
188.0393		1	1	47.79
190.0363		1	1	47.79
200.0795		1	1	47.79
202.0766		1	1	47.79
222.0003		1	1	47.79
223.9974		1	1	47.79
234.0406		1	1	47.79
236.0376		1	1	47.79
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
269.9986		1	1	47.79
280.9824	c	10	1	4.10
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79

Window # 2

mass	F	int	gr	time (ms)
255.9613		1	1	47.79
257.9584		1	1	47.79
268.0016		1	1	47.79
268.9824	1	10	1	4.10
269.9986		1	1	47.79
289.9224		1	1	47.79
291.9194		1	1	47.79
301.9626		1	1	47.79
303.9597		1	1	47.79
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
380.9760	c	10	1	4.10

Window # 3

mass	F	int	gr	time (ms)
325.8804		1	1	47.79
327.8775		1	1	47.79
337.9207		1	1	47.79
339.9178		1	1	47.79
342.9792	1	10	1	4.10
359.8415		1	1	47.79
361.8385		1	1	47.79
371.8817		1	1	47.79
373.8788		1	1	47.79
393.8025		1	1	47.79
395.7995		1	1	47.79
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
430.9728	c	10	1	4.10
439.8038		1	1	47.79
441.8008		1	1	47.79

Window # 4

mass	F	int	gr	time (ms)
393.8025		1	1	47.79
395.7995		1	1	47.79
404.9760	1	10	1	4.10
405.8428		1	1	47.79
407.8398		1	1	47.79
427.7635		1	1	47.79
429.7606		1	1	47.79
439.8038		1	1	47.79
441.8008		1	1	47.79
461.7246		1	1	47.79
463.7216		1	1	47.79
473.7648		1	1	47.79
475.7619		1	1	47.79
495.6856		1	1	47.79
497.6826		1	1	47.79
504.9697	c	10	1	4.10
507.7258		1	1	47.79
509.7229		1	1	47.79

Auto Sampler descriptor: 2ul
Normal Injection
Injector A
Slvnt A cln before inj (K): 3 times
Slvnt B cln before inj (L): 0 times

Sample rinse cycles	(R):	0	times
Syringe filling volume	(F):	1.0	ul
Pullup delay time	(D):	4	sec
Sample pullup count	(P):	2	times
Sample pullup speed	(E):	5.0	ul/sec
Slvnt aftr pre inj cln	(U):	0.0	ul
Air after pre inj cln	(G):	2.0	ul
Sample volume	(V):	2.0	ul
Sample air volume	(A):	2.0	ul
Injection speed	(S):	10.0	ul/sec
Pre Inj. wait time	(W):	10	sec
Post Inj. hold time	(H):	3	sec
Solvent A clean cycles	(C):	15	times
Solvent B clean cycles	(B):	0	times
Loop clean w slvnt A	(LC):	0	times
Loop clean w slvnt B	(LB):	0	times
Standard sample volume	(X):	0.0	ul
Standard air volume	(Y):	0.0	ul
2nd Injection volume	(I):	0.0	ul
Air volume of 2nd inj	(J):	0.0	ul
Time btwn 2 injections	(T):	0	sec

GC descriptor : epa1668

Injector:	270 deg		270 deg max
Transfer Line:	280 deg		280 deg max
Column:	75 deg at	0.0 minutes	280 deg max
	75 deg at	2.0 minutes	
	150 deg at	7.0 minutes	
	270 deg at	55.0 minutes	
	270 deg at	57.0 minutes	

Inlet : Splitless mode
Purge time 1.5 min
Purge flow 40.0 ml/min
Gas saver is on
Saver time 3.0 min
Saver flow 15.0 ml/min
Column : Constant Flow 1.0 ml
Stabilize time 0.5 minutes

ICL Parameters

BCORRL	0.0150	BCORRS	0.0110	BCURR	16383.0000
BDEV	16383.0000	BFM	2.0000	BLM	1034.0919
BMASS	180.4888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.6706
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-16.9500
DRAWC	1.0000	DRAWS	-0.0050	ECORR	0.9991
ECURR	1.0000	EDAC	7969177.0000	EDACG	1.0003
EDACR	23.0000	EDACZ	-2255.0000	ELEN	56.3500
EMULT	2.3000	ENS	163.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	151.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	300.4808	FSLOPE	54000000.0000	FVANAL	309.0000
FVINLET	277.0000	FVSRC	944.0000	FWIN	0.7000
GCTC	209.0000	GCTI	270.0000	GCTL	280.0000
HACCU	208.0000	HCURR	1.4608	HVANAL	1333.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	IST	269.8026
ISTC	0.0000	ISTCKP	5.0000	ISTCTD	1.0000
ISTCTN	2.0000	ISTCTS	60.0000	ISTCTV	3.0000
ISTS	270.0000	LENS	1401.0000	LENSS	71.8000
LKM	404.9760	LM	800.0000	LMASS	180.4888
LMII	500.0000	MASS	180.4888	MDAC	2343625.4487

MDACR	23.0000	MRANGE	1034.0919	MSFM	2.0000
MSLM	3790.0000	NPEAK	1.0000	NSAM	100.0000
NSCAN	2607.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-7.5000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10643.8302	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	3.0000	SCIDLE	1.0000	SHIELD	2456.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.9000	TCURR	0.8594
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UOFS	5.0000
URATIO	1.9800	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.4888	XLENS	2613.0000
XLENSS	-16.4000	YLENS	3698.0000	YLENSS	28.2000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 28-Sep-07 21:18:47.4

Autosampler has injected sample from vial 37
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 8967
MID Time Window 3: Resolution is 8165
MID Time Window 4: Resolution is 8437
Analysis stopped at: 28-Sep-07 22:15:51.1 (run time 57.04 minutes)
Analysis stopped because MID run finished

Miscellaneous Data

TA Knoxville Specialty Organics Group GC/MS Data Review / Narrative Checklist LOT #H7I180256
SOP Number: KNOX-ID-0013 Revision 5

Batch Number:	7264161

Review Items **A. Initial Calibration**	N/A	Yes	No	Why is data reportable?	2nd Level
1. Was the correct ICAL used for quantitation? (Check 1-2 compounds for batch by manually calculating concentration using the ICAL avg. RF.)		✓			✓
B. Continuing Calibration					
1. Has a Continuing Calibration Checklist been completed for each analytical batch?		✓			✓
C. Client Sample AND QC Sample Results		✓			✓
1. Were all special project requirements met?		✓			✓
2. Were the header information, prep factors, and dilution factors verified?		✓			✓
3. Was date/time of analysis verified between analysis header and logbook as correct?		✓			✓
4. Sample analyses done within preparation and analytical holding time (HT)? *If no, list samples:* _____		✓		☐ HT expired upon receipt. ☐* Client requested analysis after HT expired. ☐ Re-extraction done after HT expired. ☐ See Comment no. _____.	✓
5. Are internal standards within QC limits? *If no, list samples and reason (e.g.,* **surl***):* Sample / Reason / Sample / Reason _____		✓		☐* **[sup]** Ion suppression due to matrix. ☐* **[low]** Low recovery. S/N >10 and EDL<ML. ☐ **[sam]** Not enough sample to re-extract. ☐ **[dil]** Dilution showed acceptable %R. ☐ **[mtx]** Obvious matrix interference. Further cleanup not possible. ☐* **[unk]** At client's request, data was flagged as estimated and released without further investigation. ☐ **[com]** See Comment no. _____.	✓
6. Were the following qualitative criteria met for all reported analytes: • All analytes within Method/SOP retention time criteria and both ions maximized within ±2 seconds. • The ion abundance ratios for all labeled and unlabeled analytes within the specified control limits. • All peaks ≥2.5 S/N		✓			✓
7. Were peaks ≥2.5 S/N, which did not meet the above criteria, properly calculated and reported as EMPCs?		✓			✓
8. Are positive results within calibration range? *If no, list samples:* _____		✓		☐ Sample extracted at lowest possible volume	✓
11. If manual integrations were performed, are they clearly identified, initialed and dated?		✓			✓
12. Final report acceptable? (Results correct, DLs calculated correctly, units correct, IS %R correct, appropriate flags used, dilution factor correct, and extraction/ analysis dates correct.)		✓			✓
13. Was a narrative prepared and all deviations noted?		✓			✓

TA Knoxville Specialty Organics Group GC/MS Data Review / Narrative Checklist LOT #H7I180256
SOP Number: KNOX-ID-0013 Revision 5 **Page 2 of 2**

D. Preparation/Matrix QC	N/A	Yes	No	Why is data reportable?	2nd Level
1. LCS done per prep batch and all analytes within laboratory established QC limits? *If no, list LCS ID:* _____		✓		☐ MS/MSD %R and all sample surrogate %R good indicating that problem was confined to the LCS. ☐* Reanalysis not possible-insufficient sample. ☐ LCS %R high and affected analyte(s) were <ML in associated samples. ☐ See Comment no. ____.	✓
2. Method blank done per prep batch and method blank or instrument blank analyzed with each sequence?		✓			✓
3. Method blank internal standard recoveries within QC limits? *If no, list blank ID:* _____		✓		☐* Internal standards are high and blank demonstrates that analysis is free of contaminants. ☐* Sample internal standards OK and there is no analytes >ML in samples associated with blank.	✓
4. Are all analytes present in the method blank ≤ EML? *If no, list blank ID:* _____		✓		☐ Sample results are > 20x higher than blank. ☐* There is no analyte > RL in the samples associated with method blank. ☐* Reanalysis not possible-insufficient sample	✓
4. MS/MSD done per batch and are all recoveries and RPDs within laboratory generated QC limits? *If no, list MS/MSD ID:* 0023/0023			✓	☑ LCS showed acceptable results indicating sample matrix effects. ☐ LCS showed acceptable results. High native analyte concentration relative to spike level. ☐ LCS showed acceptable results. RPD out due to lack of sample homogeneity. ☐ See Comment no. ____.	✓
E. Other					
1. Are all nonconformances documented appropriately and copy included with deliverable?	✓				✓

Analyst: DCG	Date: 10/2/04	Analyst: [illegible]	Date: 10/2/04
Comments: MS/MSD matrices outside limits - see narrative.		Comments:	

STL Knoxville **Specialty Organics Prep Batch Review/Checklist** **Batch # 7264161**

☐ KNOX-ID-0004, rev. 7 (PCDD/F extraction) ☐ KNOX-ID-0012, rev. 1 (Air Train extraction) ☒ KNOX-ID-0013, rev. 5 (PCB extraction) ☐ KNOX-ID-0016, rev. 5 (LR-SIM PAH extraction)

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd Level
1. Does the batch contain no more than 20 field samples? (Excluding MB, LCS, LCSD, MS, & MSD)		✓			✓
2. Were the samples extracted by the proper method?		✓			✓
3. Were the samples extracted within the required holding times?		✓			✓
4. For waters by 1613B, if visible solids were present, were solids determined to be ≤ 1%?	✓				✓
5. Were all project specific requirements met as noted on the Lot Checklists and Sample Worksheets?		✓			✓
6. Were all required QC samples prepared & extracted with the batch at method required frequency?		✓			✓
7. Were MS Run# properly assigned and samples entered on QC tracking Sheet?		✓			✓
8. Were samples requested properly and request form completed, signed, and dated?		✓			✓
9. Were the correct weights and volumes entered in Quantims for all samples?		✓			✓
10. Were the internal standards properly spiked and the spikes verified? Were the spike solution ID and spike volumes entered correctly and verified?		✓			✓
11. Were alternate standards properly spiked and the spikes verified? Were the spike solution ID and spike volumes entered correctly and verified?	✓				✓
12. Were all cleanup steps properly documented by initials and date?		✓			✓
13. Was the final volume checked and verified against the supplemental benchsheet and Quantims?		✓			✓
14. Are the final extracts free of water, precipitates, multiple phases, and color?		✓			✓
15. Were all appropriate notes and observations recorded on the prep benchsheet and in Quantims?		✓			✓
16. Were all Quantims batch information completed including; • Batch reviewed • Correct volumes entered • Correct completion date entered • Samples released		✓			✓
17. Does the prep batch paperwork package contain all required documentation which has been properly and completely filled out, including; • Prep Benchsheet • Supplemental Benchsheet • Standard concentration forms or copies of logbook pages, for all IS, RS, SS, CS, Native and Alternate standards. • Lot Checklists for all lots in the batch • Sample worksheets for all samples in the batch in proper order as recorded on tracking sheet		✓			✓
18. Are all nonconformances documented appropriately and copy included with deliverable?	✓				✓

Analyst: AS	Date: 9/26/07	2nd Level Reviewer : US	Date: 9/26/07
Comments:		Comments:	

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 9/26/07
Time: 14:26:05

LEV 1	LEV 2		LEV 1	LEV 2			
_	_	Blank	_	_	Weights/Volumes	_	Expanded Deliverable
_	_	Check	_	_	Spike & Surrogate Worksheet	_	COC Completed
_	_	MS/MSD	_	_	Vial contains correct volume	_	Bench Sheet Copied
			_	_	Labels, greenbars, worksheets	_	Package Submitted to AnalyticalGroup
			_	_	computer batch: correct & all match	_	Bench Sheet Copied per COC
			_	_	Anomalies to Extraction Method		

Extractionist: 400856 Alan Sudderth
U04403 Cornelia Apahidean

Concentrationist: 400856 Alan Sudderth

****
* QC BATCH: 7264161 *
****

PREP DATE: 9/21/07 11:00
COMP DATE: 9/26/07 16:00

Reviewer/Date: SUDDERTA / 9/21/07

PCBs, HRGC/HRMS (1668A)
SOXHLET (NOMINAL)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
9/10/08	9/28/07	H7I180256-001 J64JQ-1-AA 33	DR	4W	IE	BIOLOGIC	9.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3607:04 1.0ML PCB 13C
COMMENTS:															
9/10/08	9/28/07	H7I180256-001 J64JQ-1-ACX 34	DR	4W	IE	BIOLOGIC	9.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3607:04 1.0ML PCB 13C
COMMENTS:															
9/11/08	9/28/07	H7I180256-002 J64JX-1-AA 35	DR	4W	IE	BIOLOGIC	10.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3607:04 1.0ML PCB 13C
COMMENTS:															
9/11/08	9/28/07	H7I180256-002 J64JX-1-ACS 36	DR	4W	IE	BIOLOGIC	10.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3261:99 1.0ML PCB NATIVE 3607:04 1.0ML PCB 13C
COMMENTS:															
9/11/08	9/28/07	H7I180256-002 J64JX-1-ADD 37	DR	4W	IE	BIOLOGIC	10.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3261:99 1.0ML PCB NATIVE 3607:04 1.0ML PCB 13C
COMMENTS:															
9/10/08	0/00/00	H7I210000-161 J7C1T-1-AAB 31		4W	IE	BIOLOGIC	10.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3607:04 1.0ML PCB 13C
COMMENTS:															
9/10/08	0/00/00	H7I210000-161 J7C1T-1-ACC 32		4W	IE	BIOLOGIC	10.0g 100.00uL	NA	NA	NA	ACE/HEX	350.0	HEXANE	10.0	3261:99 1.0ML NATIVE 3607:04 1.0ML PCB 13C
COMMENTS:															

MSRUN# 7264119. SAMPLES REACTED STRONGLY TO ACID DURING ACID WASH.

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)

NUMBER OF WORK ORDERS IN BATCH: 7

2903

STL Knoxville

Specialty Organics Group - PCB Sample Tracking Sheet - GC/MS Analysis Group

QC Batch No: 7264161 Relinquished to GC/MS By: [illegible] Date: 9/26/07

Received in GC/MS By: [illegible] Date: ↓

Work Order #		Column: SPB-Octyl				Column: SPB-Octyl				Column: SPB-Octyl			
		Date	Instrument	Analyst	Code	Date	Instrument	Analyst	Code	Date	Instrument	Analyst	Code
J64JQ 1AA		9/27/A	MAT45	DG	OK								
J64JQ 1AC	X	↓	↓	↓	OK								
J64JX 1AA		↓	↓	↓	OK								
J64JX 1AC	S	↓	↓	↓	OK								
J64JX 1AD	D	↓	↓	↓	OK								
J7C1T 1AA	B	9.27A	MAT45	DG	OK								
J7C1T 1AC	C	9.27A	MAT45	DG	OK								

Comments:

2904

STL Knoxville - Specialty Organics Group - Sample Tracking Sheet - Organic Preparation Group

QC Batch No: 7264161 | Internal Std. Spiked By: AU | Verified By: CA | Date: 9/21/07

Sodium Sulfate Lot: _____ | Native LCS/D Spiked By: AU | Verified By: CA | Date: 9/21/07

(only for Waters) | Native MS/D Spiked By: AU | Verified By: CA | Date: 9/21/07

Work Order Number		Filtered Y/N?	Vol of Sampling Surrogate (uL)	Soxhlet Started (Date/Time)	Soxhlet Finished (Date/Time	Blow Down (Initial/Date)	Recovery Standard (Book:Page)	Recovery Std Vol (uL)	Vol Delivered (uL)	Comments
J64JQ1AA				9/21/07 16:00	9/22/07 8:10	AU 9/26/07	3607:09	100	100	
J64JQ1AC	X			↓	↓	↓	↓	↓	↓	
J64JX1AA				↓	↓	↓	↓	↓	↓	
J64JX1AC	S			↓	↓	↓	↓	↓	↓	
J64JX1AD	D			↓	↓	↓	↓	↓	↓	
J7C1T1AA	B			↓	↓	↓	↓	↓	↓	
J7C1T1AC	C			↓	↓	↓	↓	↓	↓	

Comments: A samples highly reactive during acid wash
QC had a lot of color in it as well....
A samples were not solvent exchanged to hexane after extraction

Volume of Alt Standard: NA

Split Ratios: Post I.S. 1 | Post F.C. NA | Post C.S. ↓ | Post R.S. ↓

Blk Matrix: Sodium Sulfate, Dry Ice | W.B. Temp NA

Extraction Solvent: Ace/Hex 50/50 | Lot #: E10E20 / E12E26

ID0034R3 06/13/2006

2905

STL Knoxville

Specialty Organics Group - Sample Tracking Sheet - Organic Preparation Group

QC Batch No: 7264161 **Cleanup Std. Spiked By:** JA **Verified By:** SA **Date:** 9-24-07

Lot #s

Deact. Silica: 3569-95

Acid Silica 3569-98

Alumina: ——

Sodium Sulfate: 3624-1D 3624-1B

Work Order Number		Cleanup Spike (Book:Page)	Cleanup Spike Volume (uL)	SilicaGel ~~Alumina Col~~ (Initial/Date)	Acid/~~Base~~ Wash (Initial/Date)	Carbon Column (Initial/Date)	Florisil Column (Initial/Date)	Mercury Cleanup (Initial/Date)	TBA Cleanup (Initial/Date)	Other Cleanup (Initial/Date)	Comments
J64JQ1AA		3607:07	1000uL	ALS 9/25/07	JA 9-24-07		SA 9/25/07				
J64JQ1AC	X	↓	↓	↓	↓		↓				
J64JX1AA		↓	↓	↓	↓		↓				
J64JX1AC	S	↓	↓	↓	↓		↓				
J64JX1AD	D	↓	↓	↓	↓		↓				
J7C1T1AA	B	↓	↓	↓	↓		↓				
J7C1T1AC	C	↓	↓	↓	↓		↓				

STL Knoxville
HR PCBs Solution Concentrations

PCB congener	IUPAC[1]	Spike Solution ID: (Book: pg. No.) Concentration
All 209 Native PCB Congeners	**All**	NA 1.0 ng/mL 3261:99 5.0 ng/mL
Labeled Internal Standards	**IUPAC**	**Spike Solution ID: (Book: pg. No.) Concentration**
$^{13}C_{12}$-2-chlorobiphenyl	1L	NA 2.0 ng/mL 3607:04 10.0 ng/mL
$^{13}C_{12}$-4-chlorobiphenyl	3L	
$^{13}C_{12}$-2,2'-dichlorobiphenyl	4L	
$^{13}C_{12}$-4,4'-dichlorobiphenyl	15L	
$^{13}C_{12}$-2,2',6-trichlorobiphenyl	19L	
$^{13}C_{12}$-3,4,4'-trichlorobiphenyl	37L	
$^{13}C_{12}$-2,2',6,6'-tetrachlorobiphenyl	54L	
$^{13}C_{12}$-3,3',4,4'-tetrachlorobiphenyl	77L	
$^{13}C_{12}$-3,4,4',5-tetrachlorobiphenyl	81L	
$^{13}C_{12}$-2,2',4,6,6'-pentachlorobiphenyl	104L	
$^{13}C_{12}$-2,3,3',4,4'-pentachlorobiphenyl	105L	
$^{13}C_{12}$2,3,4,4',5-pentachlorobiphenyl -	114L	
$^{13}C_{12}$-2,3',4,4',5-pentachlorobiphenyl	118L	
$^{13}C_{12}$-2',3,4,4',5-pentachlorobiphenyl	123L	
$^{13}C_{12}$-3,3',4,4',5-pentachlorobiphenyl	126L	
$^{13}C_{12}$-2,2',4,4',6,6'-hexachlorobiphenyl	155L	
$^{13}C_{12}$-2,3,3',4,4',5-hexachlorobiphenyl	156L	
$^{13}C_{12}$-2,3,3',4,4',5'-hexachlorobiphenyl	157L	
$^{13}C_{12}$-2,3',4,4',5,5'-hexachlorobiphenyl	167L	
$^{13}C_{12}$-3,3',4,4',5,5'-hexachlorobiphenyl	169L	
$^{13}C_{12}$-2,2',3,3',4,4',5-heptachlorobiphenyl	170L	
$^{13}C_{12}$-2,2',3,4',5,6,6'-heptachlorobiphenyl	188L	
$^{13}C_{12}$-2,3,3',4,4',5,5'-heptachlorobiphenyl	189L	
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-octachlorobiphenyl	202L	
$^{13}C_{12}$-2,3,3',4,4',5,5',6-octachlorobiphenyl	205L	
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-nonachlorobiphenyl	206L	
$^{13}C_{12}$-2,2',3,3',4,5,5',6,6'-nonachlorobiphenyl	208L	
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6,6'-decachlorobiphenyl	209L	
Labeled Recovery Standards	**IUPAC**	**Spike Solution ID: (Book: pg. No.) Concentration**
$^{13}C_{12}$-2,5-dichlorobiphenyl	9L	3607:09 100 ng/mL
$^{13}C_{12}$-2,4',5-trichlorobiphenyl	31L	
$^{13}C_{12}$-2,4',6-trichlorobiphenyl	32L	
$^{13}C_{12}$-2,2',5,5'-tetrachlorobiphenyl	52L	
$^{13}C_{12}$-2,2',4,5,5'-pentachlorobiphenyl	101L	
$^{13}C_{12}$-3,3',4,5,5'-pentachlorobiphenyl	127L	
$^{13}C_{12}$-2,2',3,4,4',5'-hexachlorobiphenyl	138L	
$^{13}C_{12}$-2,2',3,4,4',5,5'-heptachlorobiphenyl	180L	
$^{13}C_{12}$-2,2',3,3',4,4',5,5'-octachlorobiphenyl	194L	
Cleanup Standards		**Spike Solution ID: (Book: pg. No.) Concentration**
$^{13}C_{12}$-2,4,4'-trichlorobiphenyl	28L	NA 2.0 ng/ml 10.0 ng/mL
$^{13}C_{12}$-2,3,3',5,5'-pentachlorobiphenyl	111L	
$^{13}C_{12}$-2,2',3,3',5,5',6-heptachlorobiphenyl	178L	
Labeled Surrogate Standards		**Spike Solution ID: (Book: pg. No.) Concentration**
$^{13}C_{12}$-2,4'-dichlorobiphenyl	8L	NA 50.0 ng/mL
$^{13}C_{12}$-3,3',4,5'-tetrachlorobiphenyl	79L	
$^{13}C_{12}$-2,2',3,5',6-pentachlorobiphenyl	95L	
$^{13}C_{12}$-2,2',4,4',5,5'-hexachlorobiphenyl	153L	

Footnote 1: Suffix "L" indicates labeled compound.

Sample Receipt Documentation

H7I180256

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-097-3	Page 1 of 1

Collector B.TILLER JAMES BERNHARD	Company Contact JOAN KESSNER	Telephone No. 375-4688	Project Coordinator KESSNER, JH
Price Code 9C	Data Turnaround 15 Days		
Project Designation 100 & 300 Area Component of the RCBRA Tissues - Resam	Sampling Location 100-F RCBRA ~~U3-U4 Ad~~, FISH ~~OFFAL~~ WHOLE ORG	SAF No. RC-097	
Ice Chest No. AFS-09-014	Field Logbook No. EL-1614-1	COA BESRAS6520	Method of Shipment FEDEX
Shipped To TestAmerica Incorporated, ~~Richland~~ Knoxville	Offsite Property No. A070446		Bill of Lading/Air Bill No. See OSPC

POSSIBLE SAMPLE HAZARDS/REMARKS

Special Handling and/or Storage

COOL 4C. "MATRIX COMPOSED OF FISH"

Preservation	Cool-4C	Cool-4C	Cool 4C								
Type of Container	uG	P/G	G/P								
No. of Container(s)	1	1	1								
Volume	20mls	10mls	5g								
SAMPLE ANALYSIS	1668 PCB CONGENER (TCL)	Total Inorganic Arsenic	Chromium Hex - 7196								

Sample No.	Matrix *	Sample Date	Sample Time										
J15J75	OTHER SOLID	9-11-07	1530	X	X								

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS
Relinquished By/Removed From: JAMES BERNHARD, Date/Time 1545 9-11-07	Received By/Stored In: EAS LOCKED STORAGE, Date/Time 1545 9-11-07	CUSTODY SEALS INTACT RECEIVED AT 1°C SKD 9-18-07
Relinquished By/Removed From: EAS LOCKED STORAGE, Date/Time 0830 9-13-07	Received By/Stored In: KM Singleton, Date/Time 9-13-07 0830	
Relinquished By/Removed From: KM Singleton, Date/Time 9-17-07 1500	Received By/Stored In: FEDEX, Date/Time	
Relinquished By/Removed From: Date/Time	Received By/Stored In: Bryan Vanaman, Date/Time 9-18-07 09:30	
Relinquished By/Removed From: Bryan Vanaman, Date/Time 9-18-07 13:00	Received By/Stored In: Date/Time	
Relinquished By/Removed From: Date/Time	Received By/Stored In: Date/Time	

Matrix *
S=Soil
SE=Sediment
SO=Solid
SI=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
Wi=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

2909

MTI180256

Washington Closure Hanford	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	RC-097-10	Page 1 of 1

Collector B.TILLER JAMES BERNHARD	Company Contact JOAN KESSNER	Telephone No. 375-4688	Project Coordinator KESSNER, JH	Price Code 9C	Data Turnaround 15 Days
Project Designation 100 & 300 Area Component of the RCBRA Tissues - Resam	Sampling Location RCBRA U3-U4 Aq, FISH-~~OFFAL~~-WHOLE CRG		SAF No. RC-097		
Ice Chest No. AFS-04-014	Field Logbook No. EL-1614-1	COA BESRAS6520	Method of Shipment FED EX		
Shipped To TestAmerica Incorporated, ~~Richland~~ Knoxville	Offsite Property No. A0704446		Bill of Lading/Air Bill No. to OSRC		

POSSIBLE SAMPLE HAZARDS/REMARKS

Special Handling and/or Storage
COOL 4C, "MATRIX COMPOSED OF FISH"

Preservation	Cool-4C										
Type of Container	2G										
No. of Container(s)	1										
Volume	20mL 9-11-07										
SAMPLE ANALYSIS	1668 PCB CONGENER (TCL)										

Sample No.	Matrix *	Sample Date	Sample Time										
J15J87	OTHER SOLID	9-12-07	900	X									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix *
Relinquished By/Removed From: JAMES BERNHARD, Date/Time 0905 9-12-07 EAS	Received By/Stored In: EAS LOCKED STORAGE, Date/Time 0905 9-12-07		S=Soil SD=Sediment SO=Solid Sl=Sludge W = Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue Wi=Wipe L=Liquid V=Vegetation X=Other
Relinquished By/Removed From: EAS LOCKED STORAGE, Date/Time 0830 9-13-07	Received By/Stored In: KMSingleton, Date/Time 9-13-07 0830		
Relinquished By/Removed From: KMSingleton, Date/Time 00CH 9-17-07 1500	Received By/Stored In: FED EX, Date/Time		
Relinquished By/Removed From: Date/Time	Received By/Stored In: [illegible], Date/Time 9-18-07 09:30		
Relinquished By/Removed From: [illegible], Date/Time 9-18-07 13:00	Received By/Stored In: Date/Time		
Relinquished By/Removed From: Date/Time	Received By/Stored In: Date/Time		

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

WCH-EE-011

2910

STL KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: _____ **Project:** _____ **Lot Number:** H7I18D256

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☐ 1g Other:	
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6 °C)	✓			☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ 3a Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?	✓			☐ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	✓			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?			✓	☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ 9a Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ 10a Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?			✓	If yes & appears to be >1%, was SOG notified? _____	
13. Are the shipping containers intact?	✓			☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ 14a Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	✓			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	✓				

Quote #: 76922 PM Instructions: _____

Sample Receiving Associate: Ryan Henry Date: 9/18/07

QA026R18.doc, 1/30/06

2911