AR TARGET SHEET

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

EDMC#: 0074263
SECTION: 4 OF 6

DOCUMENT #: J00140

TITLE: Administrative Record Index

```
CHRO:  a070313i3                              13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1195 > 1231         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  0, 0.0
Disp:  Height  Area
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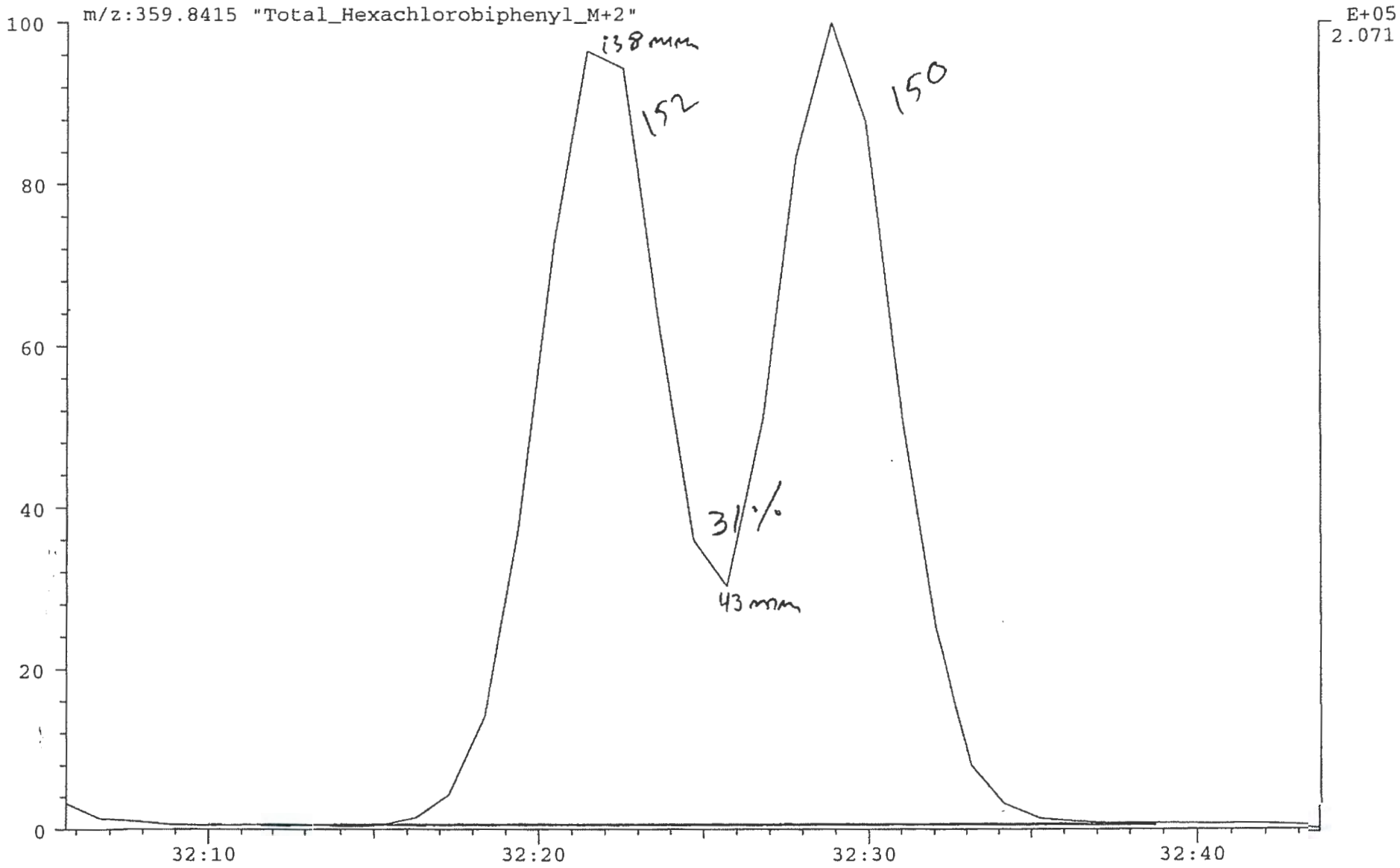

1501

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CHRO:  a070313i3                                13-Mar-07   Elapse:  32:20      1209
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Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   6
Peak:  100.00  ppm     Label wndw:   1179 > 1231            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
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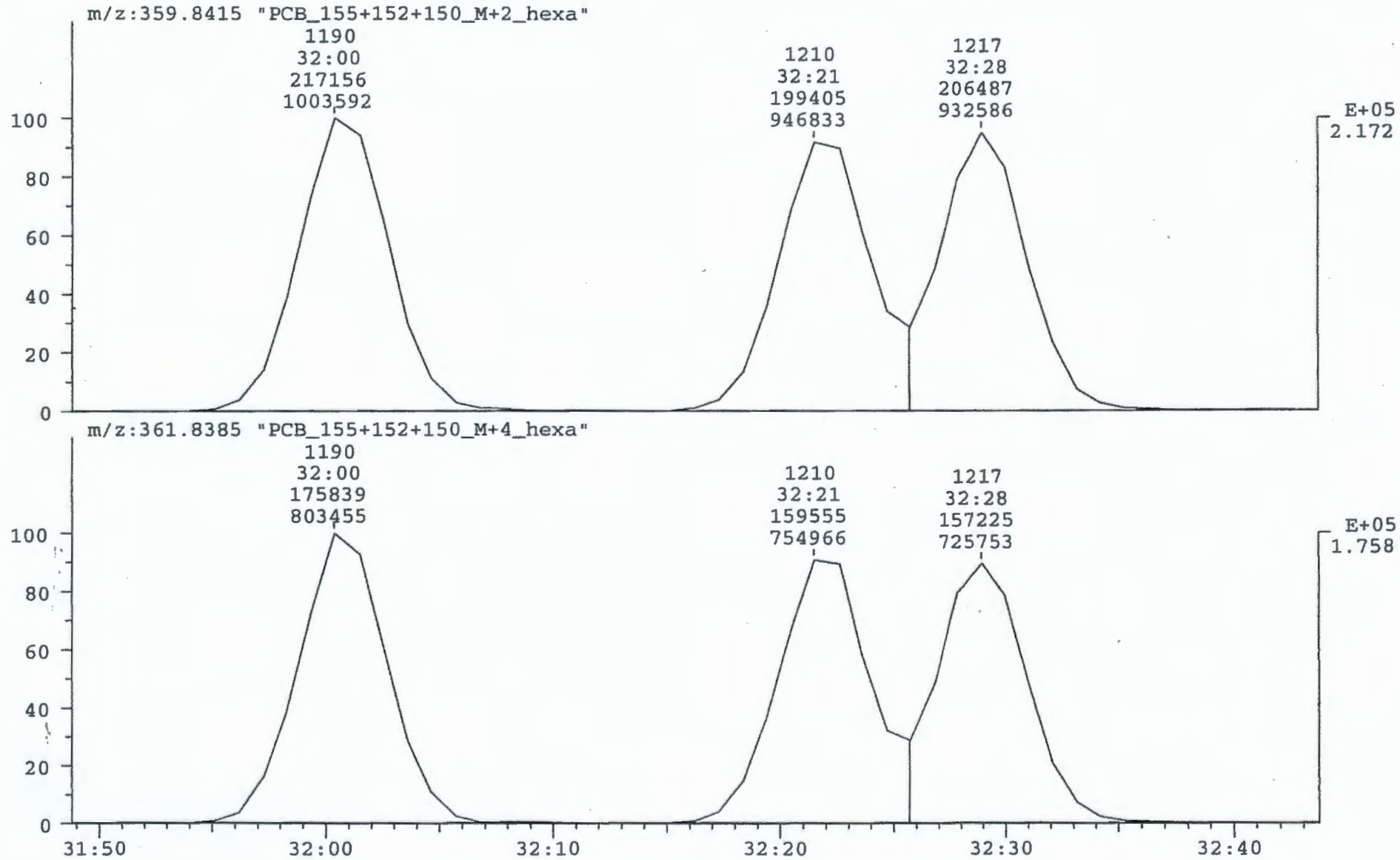
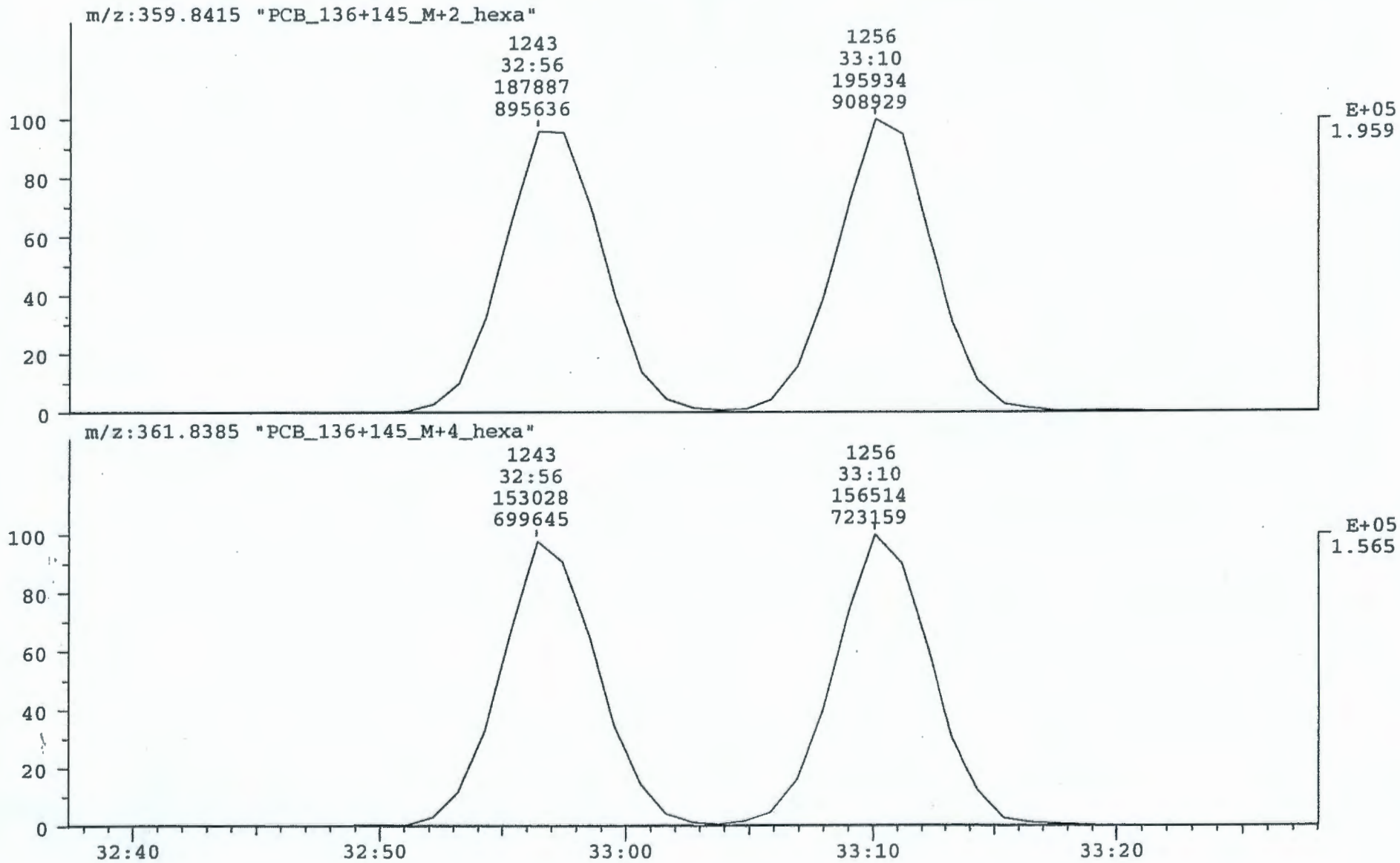


CHRO: a070313i3 13-Mar-07 Elapse: 33:09 1255
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1225 > 1273 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070313i3                                13-Mar-07   Elapse:  35:22      1381
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1323 > 1419           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
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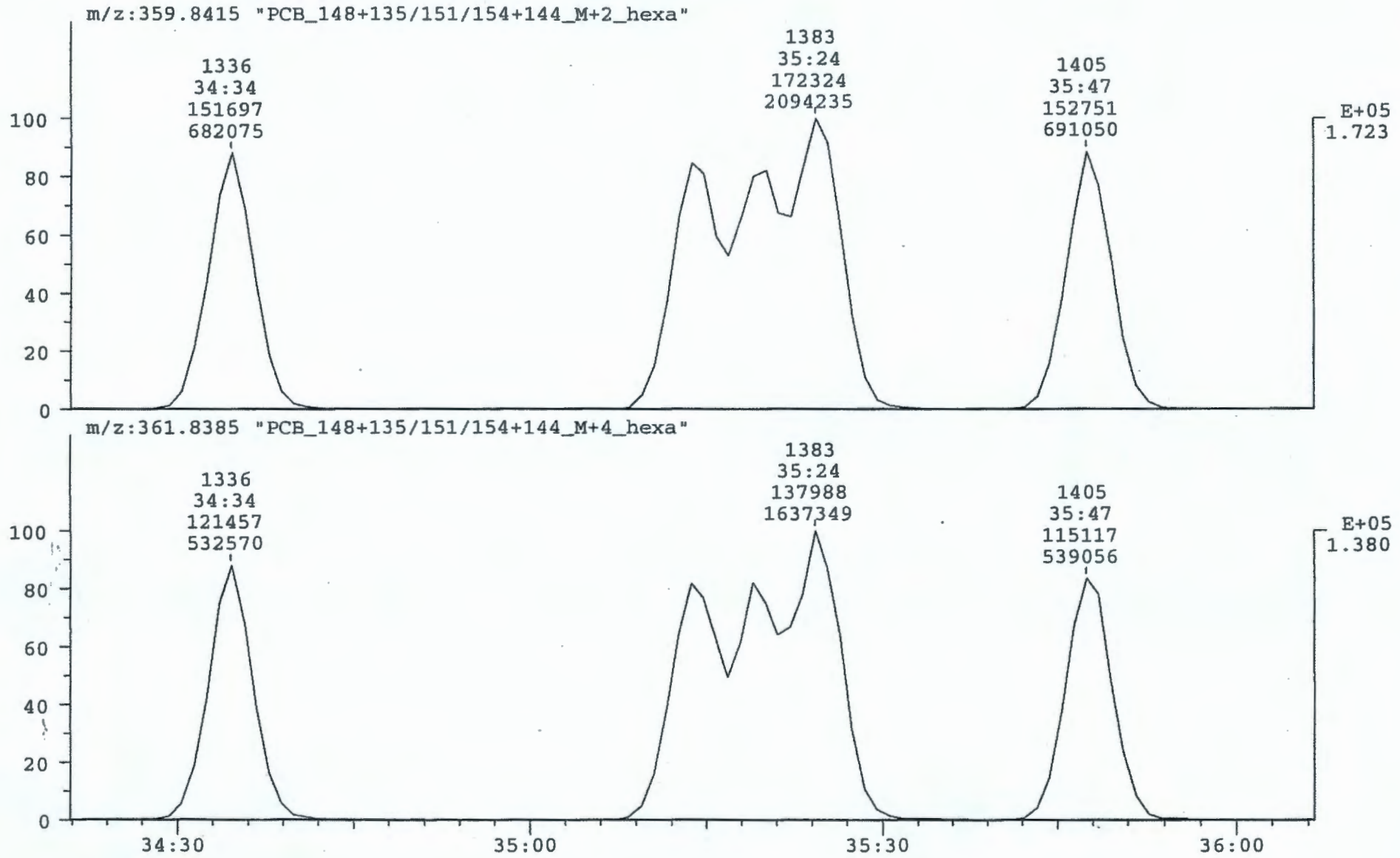

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CHRO:  a070313i3                                13-Mar-07   Elapse:  36:45      1456
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1414 > 1509           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
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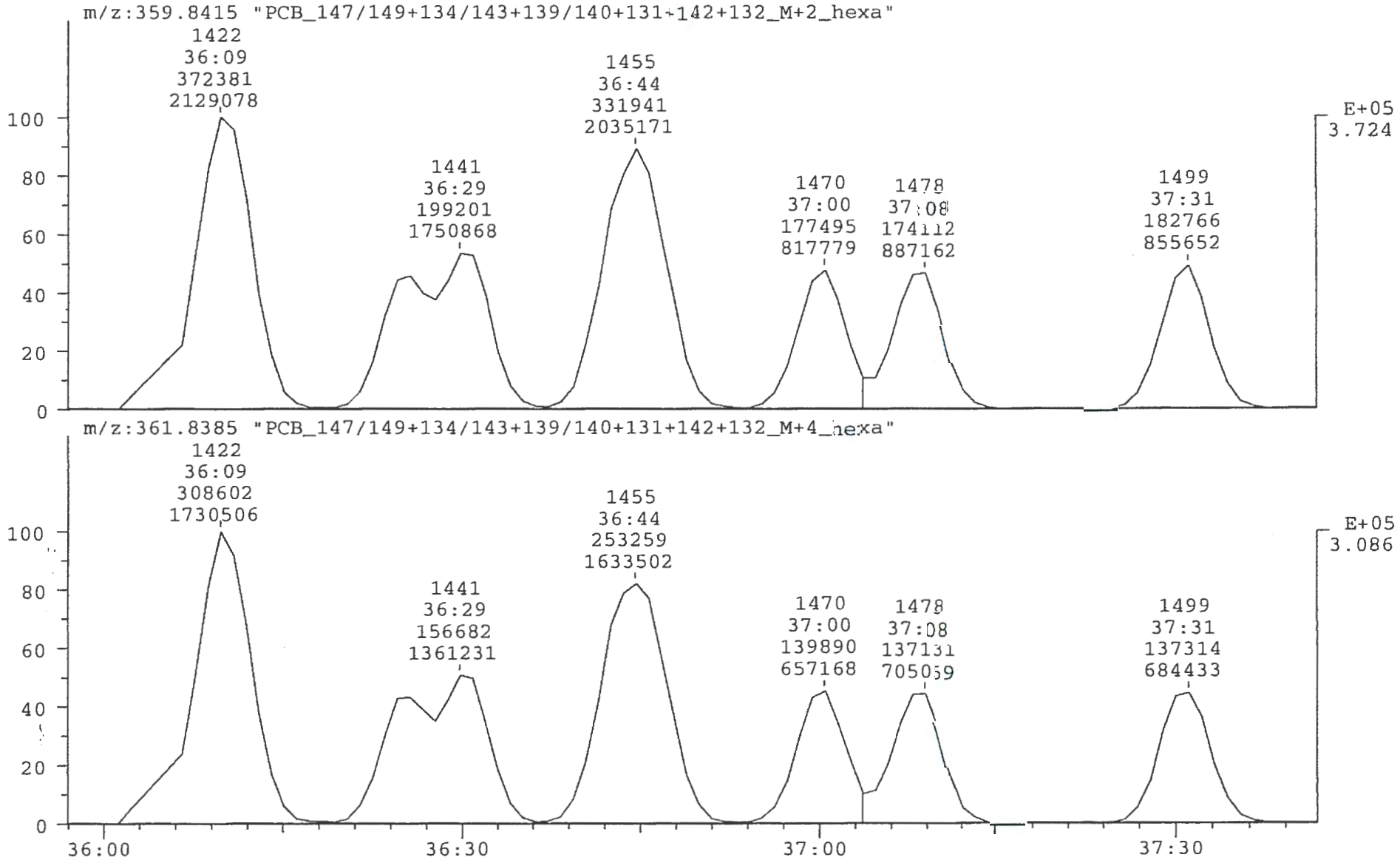

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CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1529 > 1577           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
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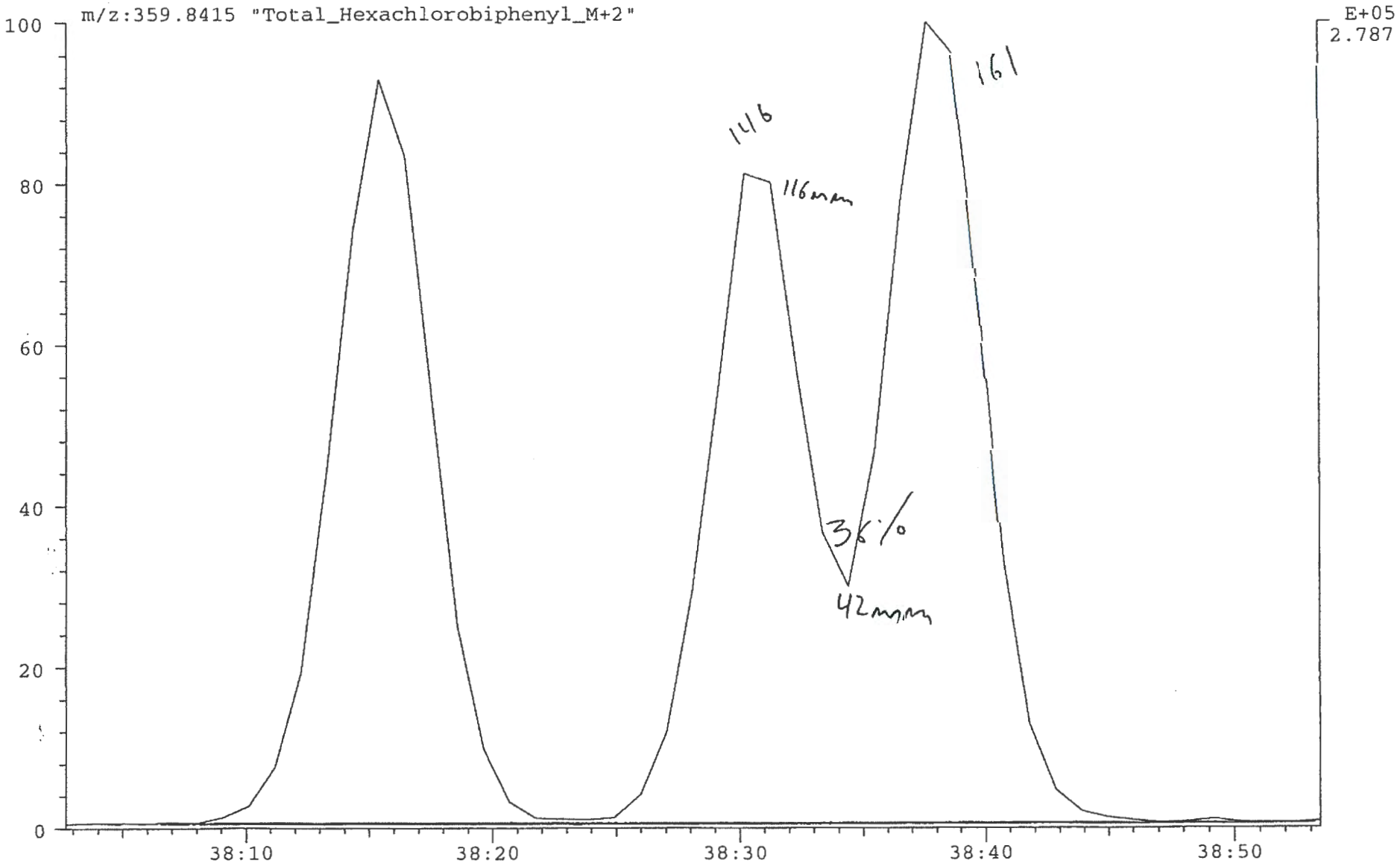

1506

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CHRO:  a070313i3                                13-Mar-07  Elapse:  38:21      1547
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   6
Peak:  100.00  ppm     Label wndw:   1507 > 1576           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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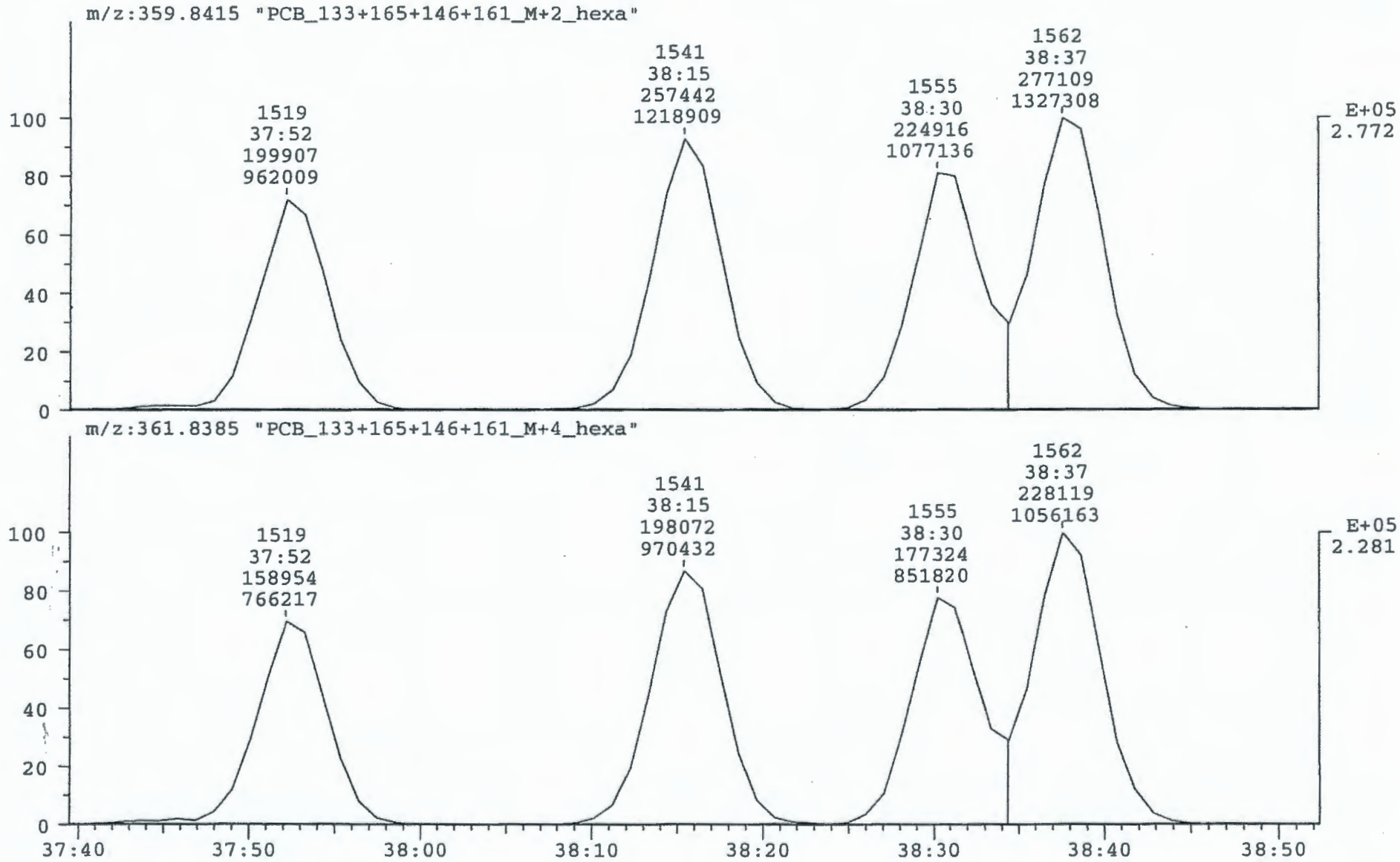

```
CHRO:  a070313i3                                13-Mar-07   Elapse:  39:20      1603
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1575 > 1623           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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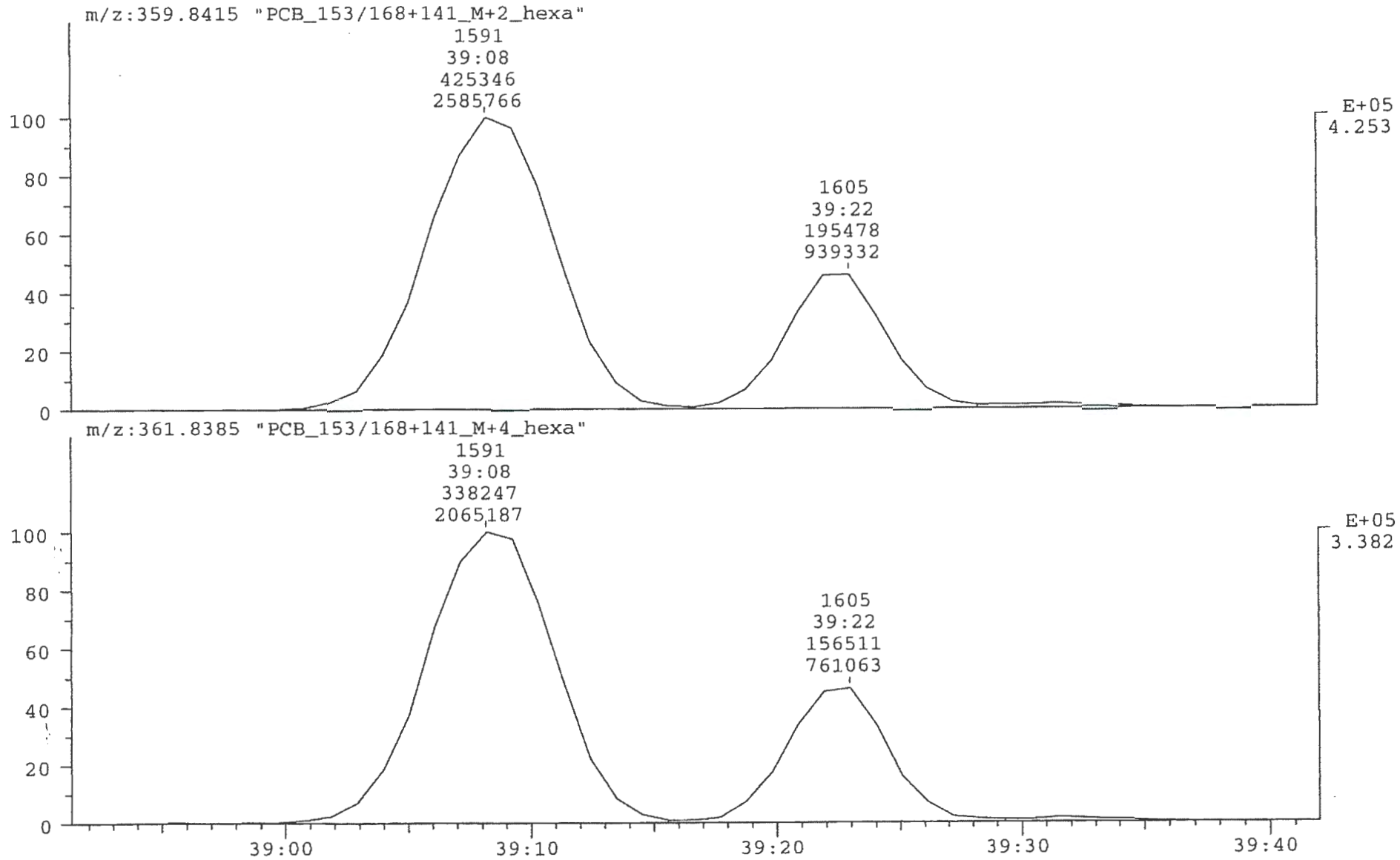

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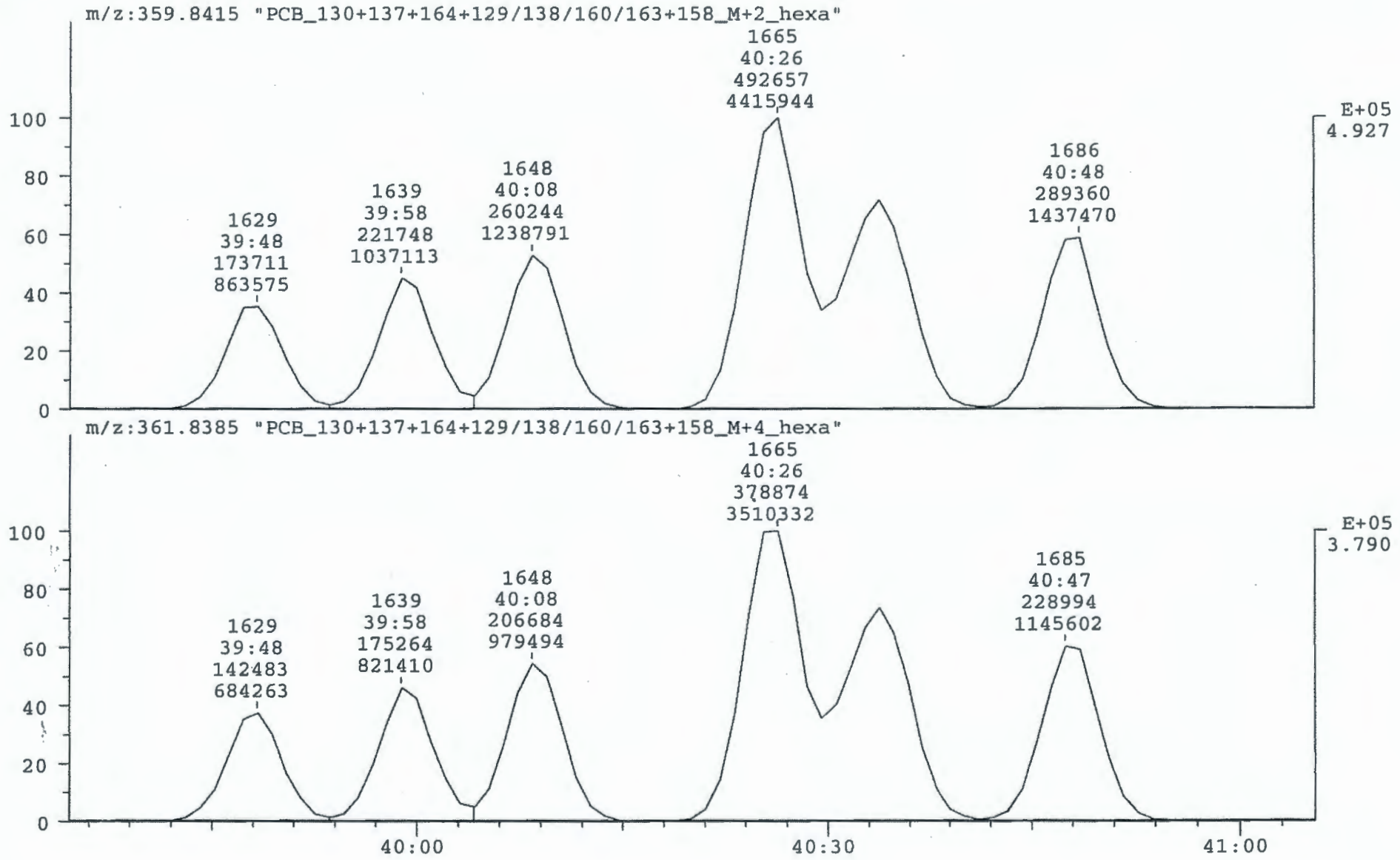
CHRO:  a070313i3                                13-Mar-07   Elapse:  40:23      1662
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1616 > 1702           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 7                Label :  -3, 3.0
Disp:  Height  Area
```



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CHRO:  a070313i3                                13-Mar-07  Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1708 > 1768          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
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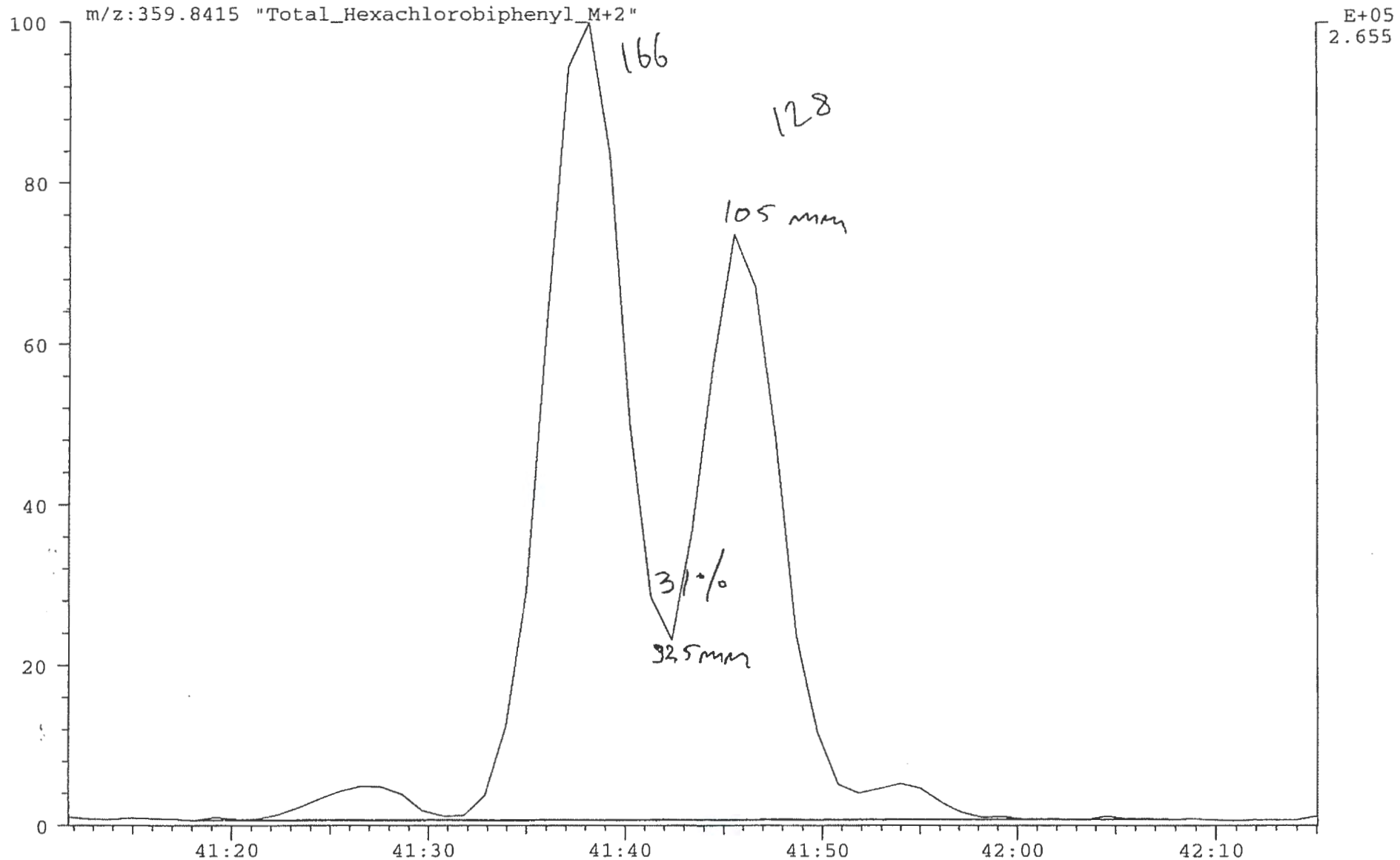

1510

```
CHRO:  a070313i3                                13-Mar-07   Elapse:  41:46      1741
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial  6
Peak:  100.00  ppm     Label wndw:   1721 > 1753            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 2                 Label :  -3, 3.0
Disp:  Height  Area
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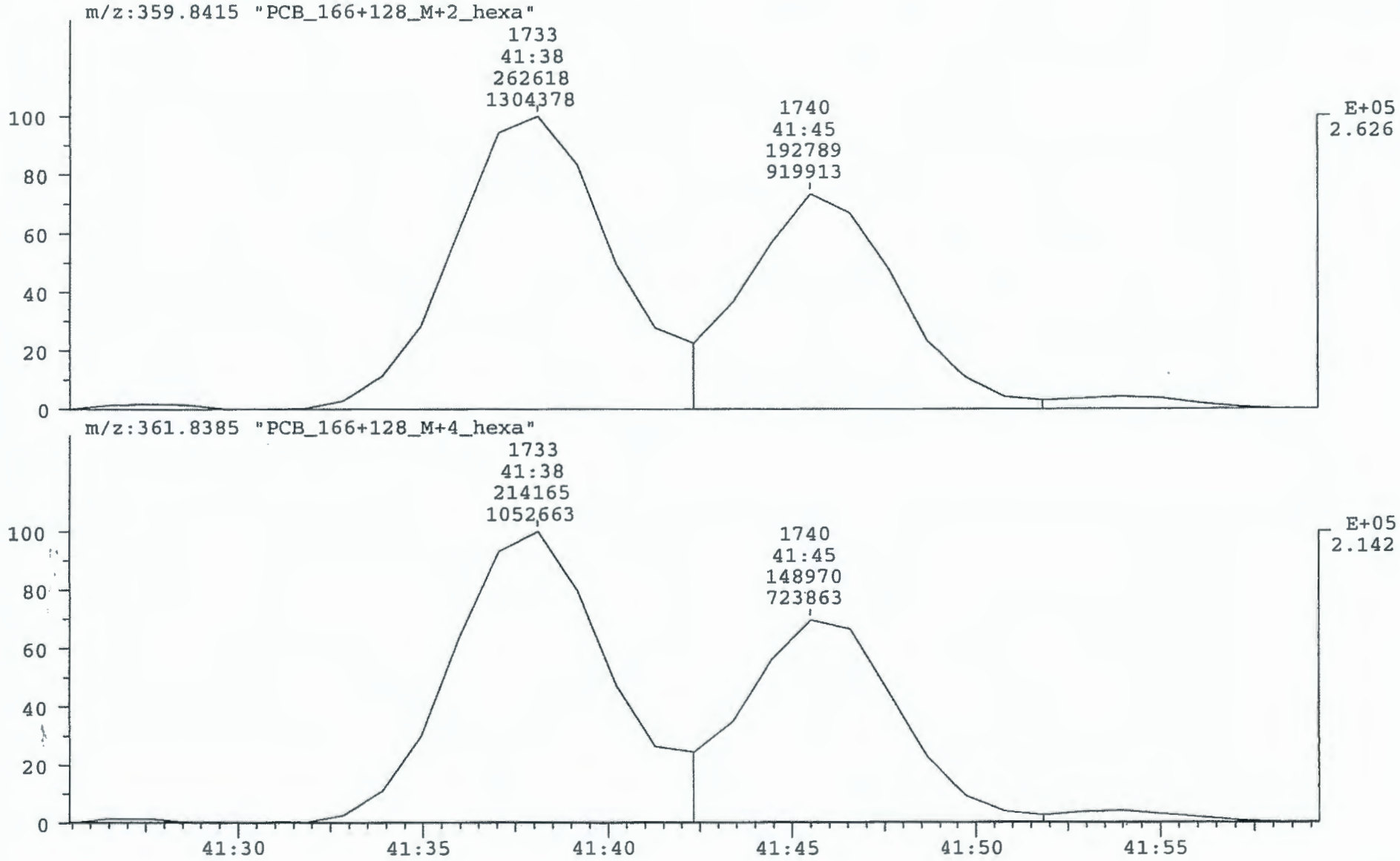
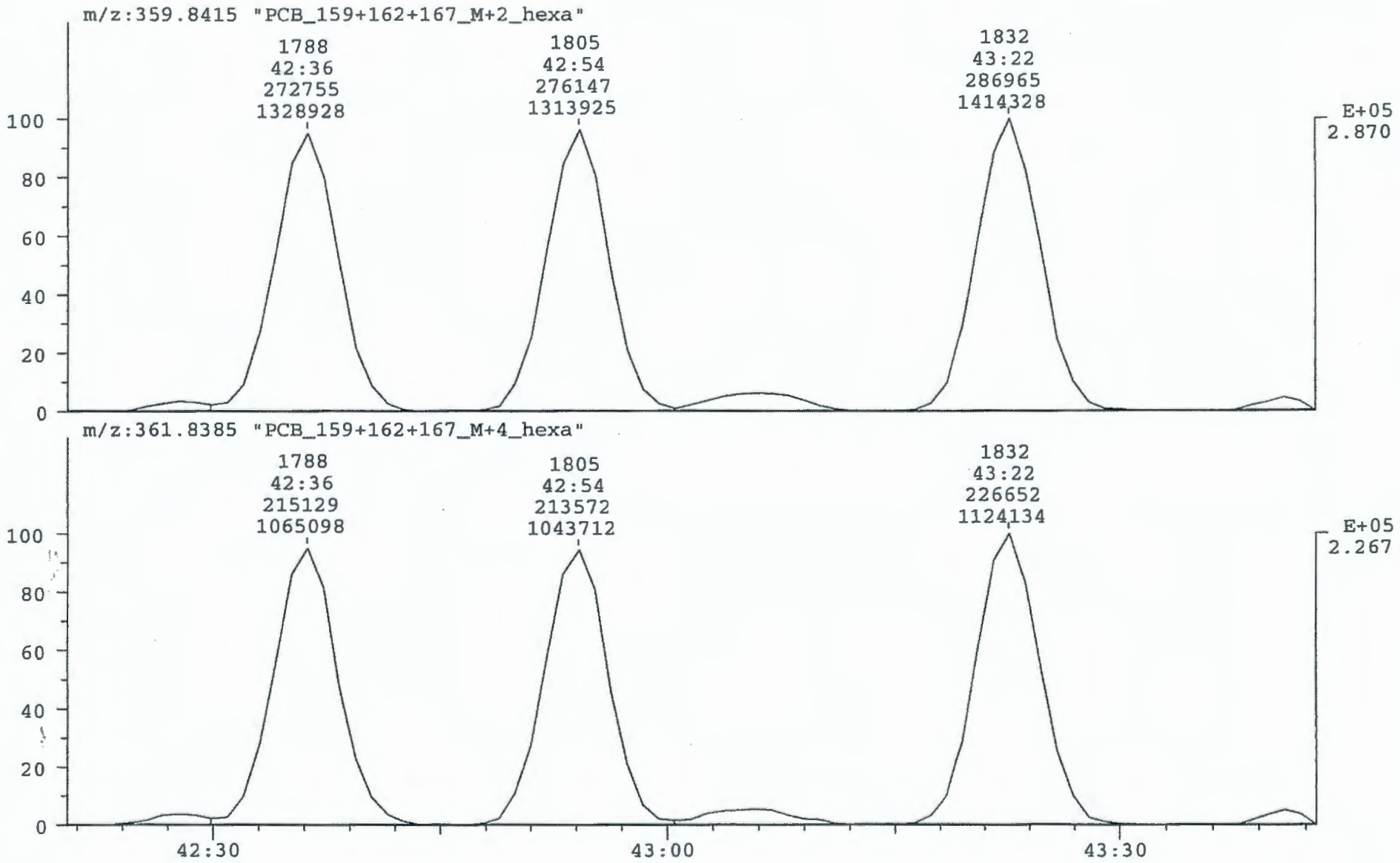


```
CHRO:  a070313i3                                13-Mar-07   Elapse:  43:05      1816
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  6
Peak:  100.00  ppm      Label wndw:   1773 > 1851           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  46:15      1996
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1851 > 2111           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
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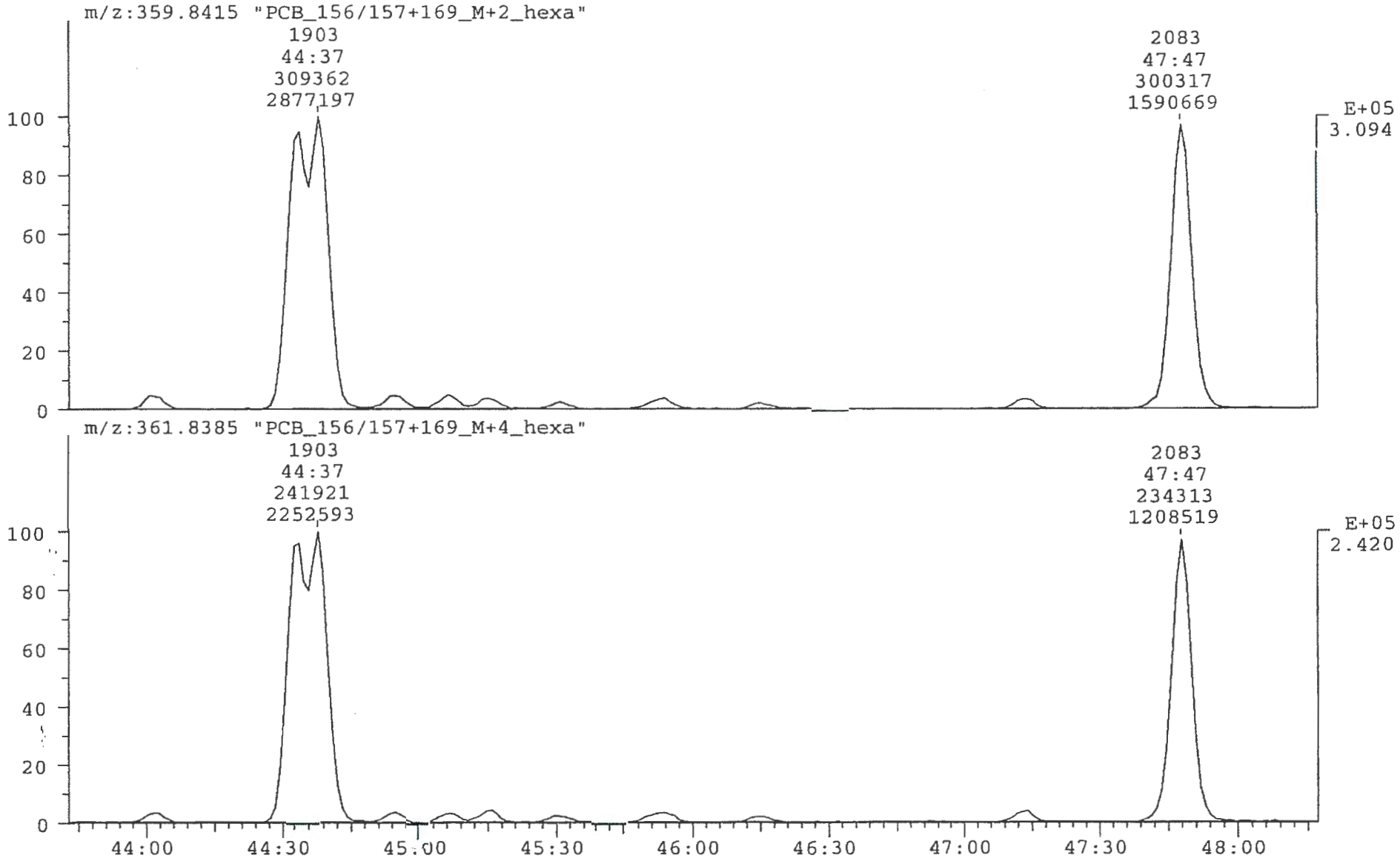
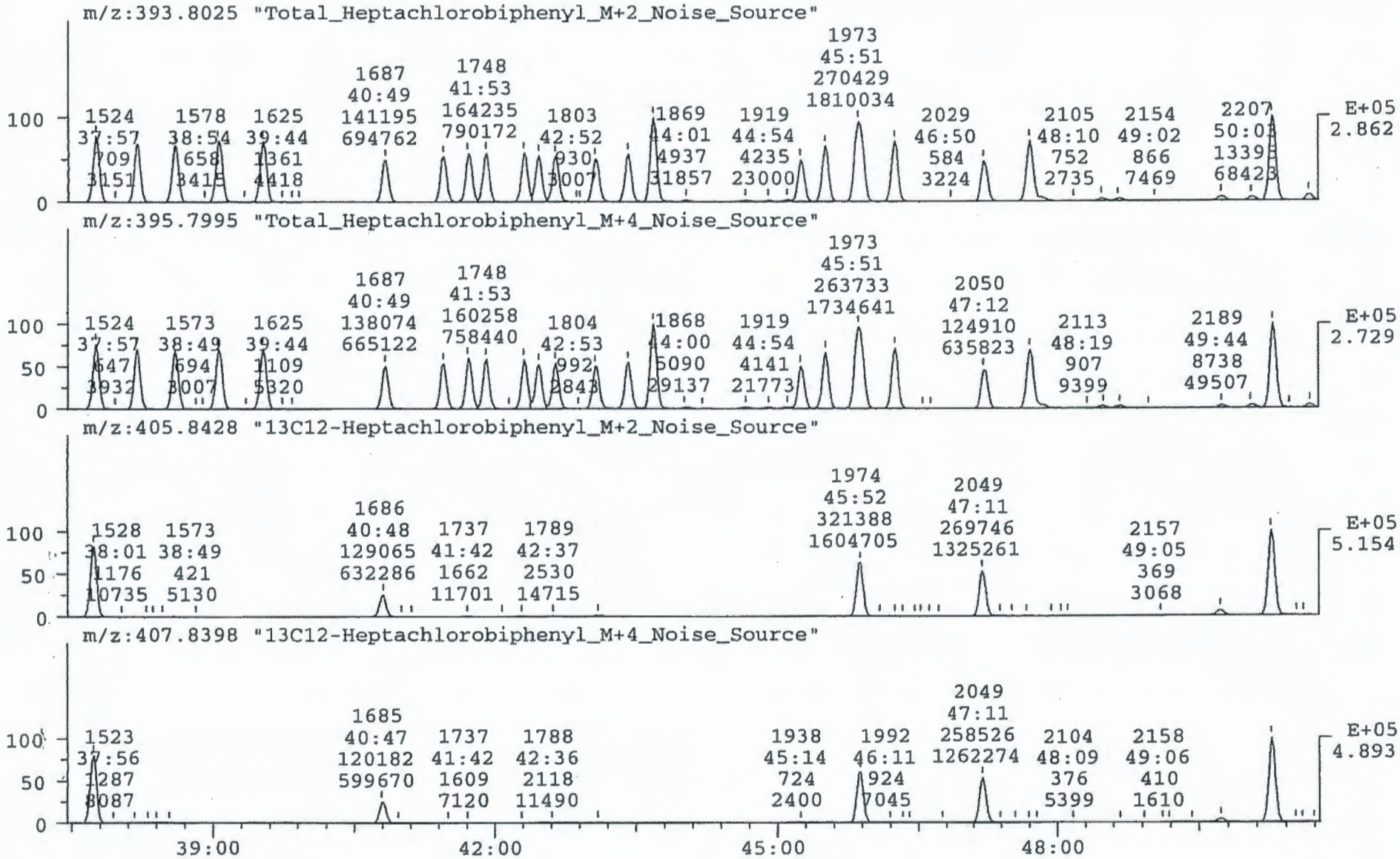


CHRO: a070313i3 13-Mar-07 Elapse: 44:05 1873
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1495 > 2247 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  39:20      1603
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1478 > 1729           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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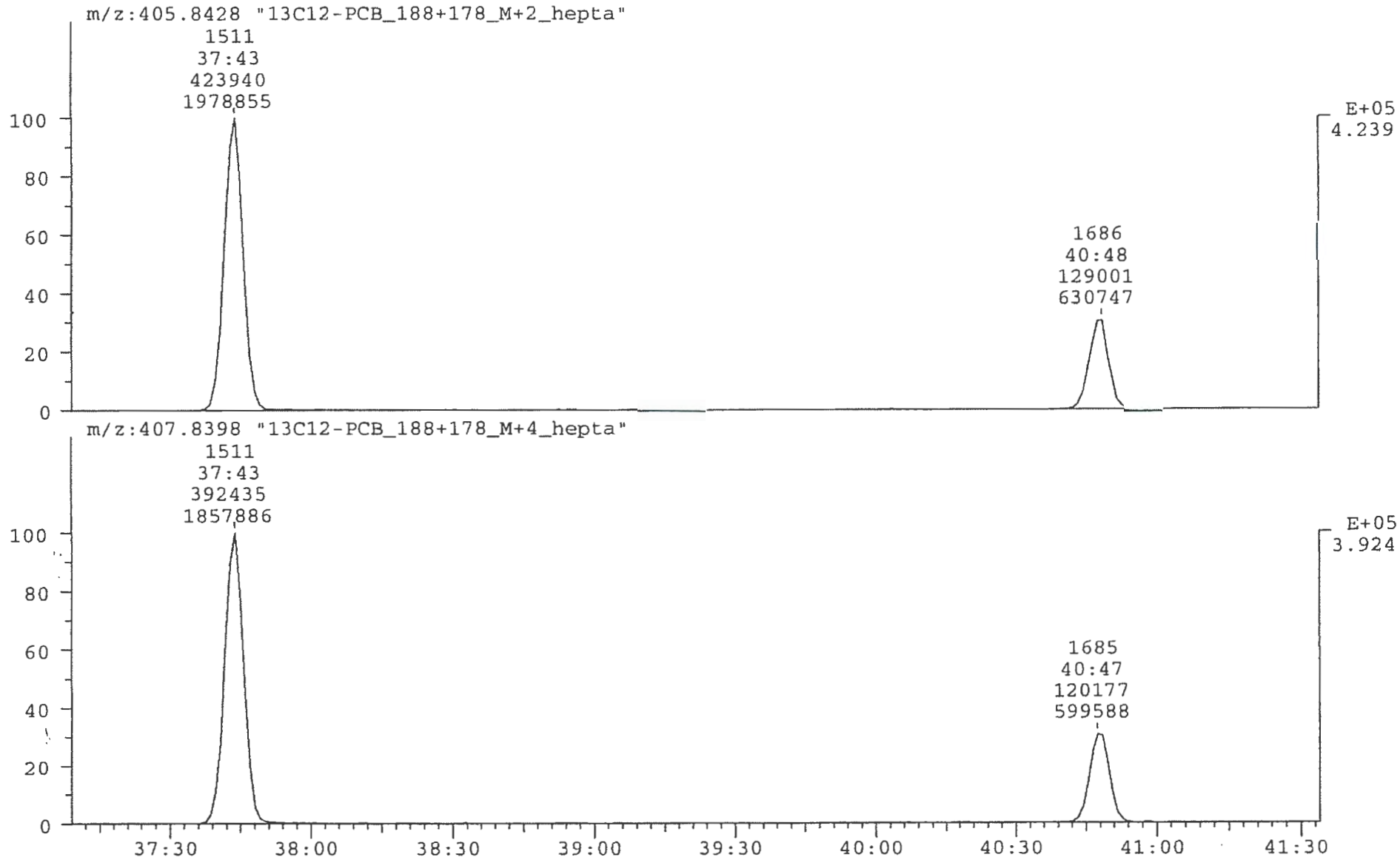

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CHRO:  a070313i3                                13-Mar-07   Elapse:  48:08      2103
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Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1943 > 2253           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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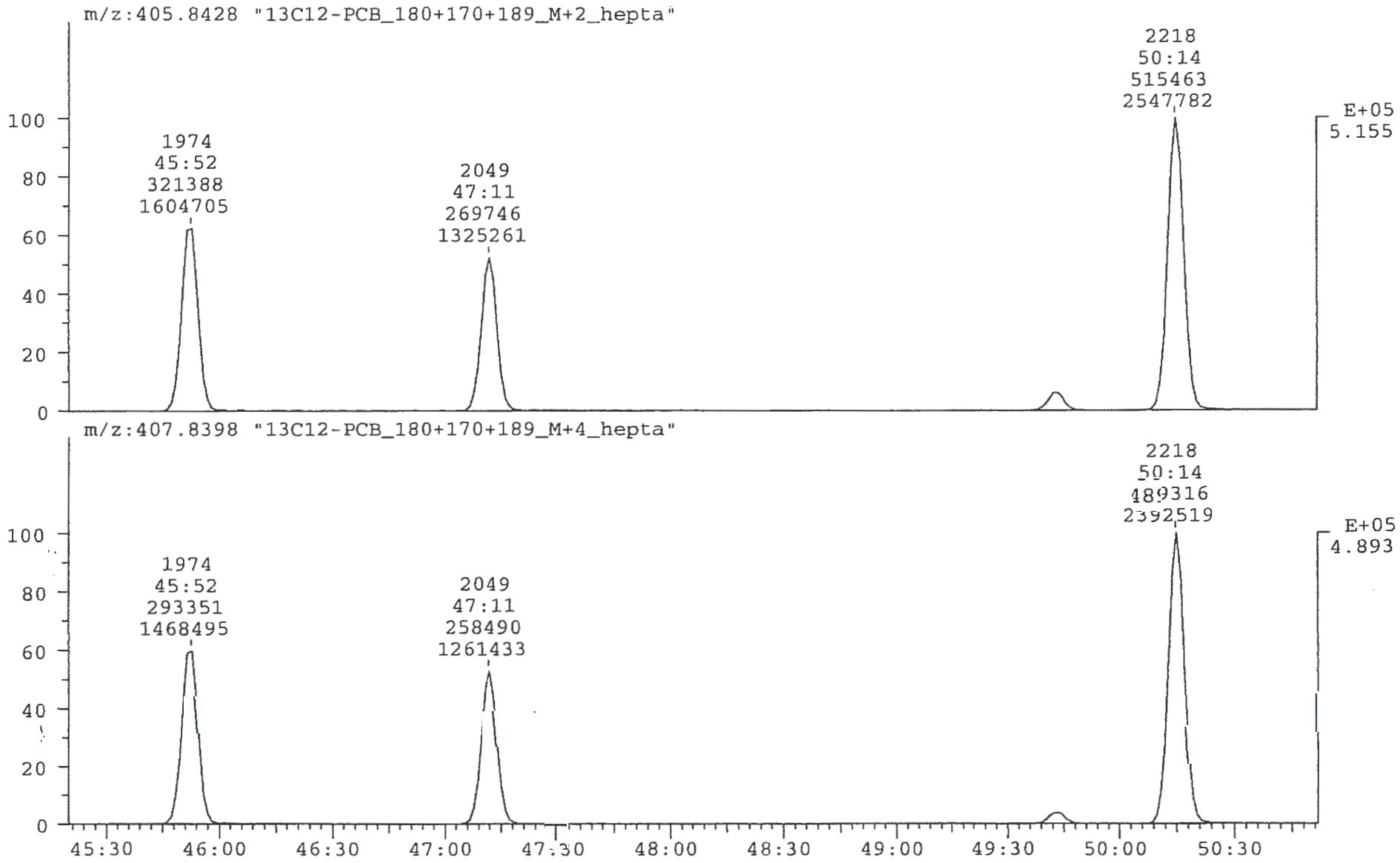

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CHRO:  a070313i3                                13-Mar-07  Elapse:  38:42      1567
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Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1495 > 1632          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
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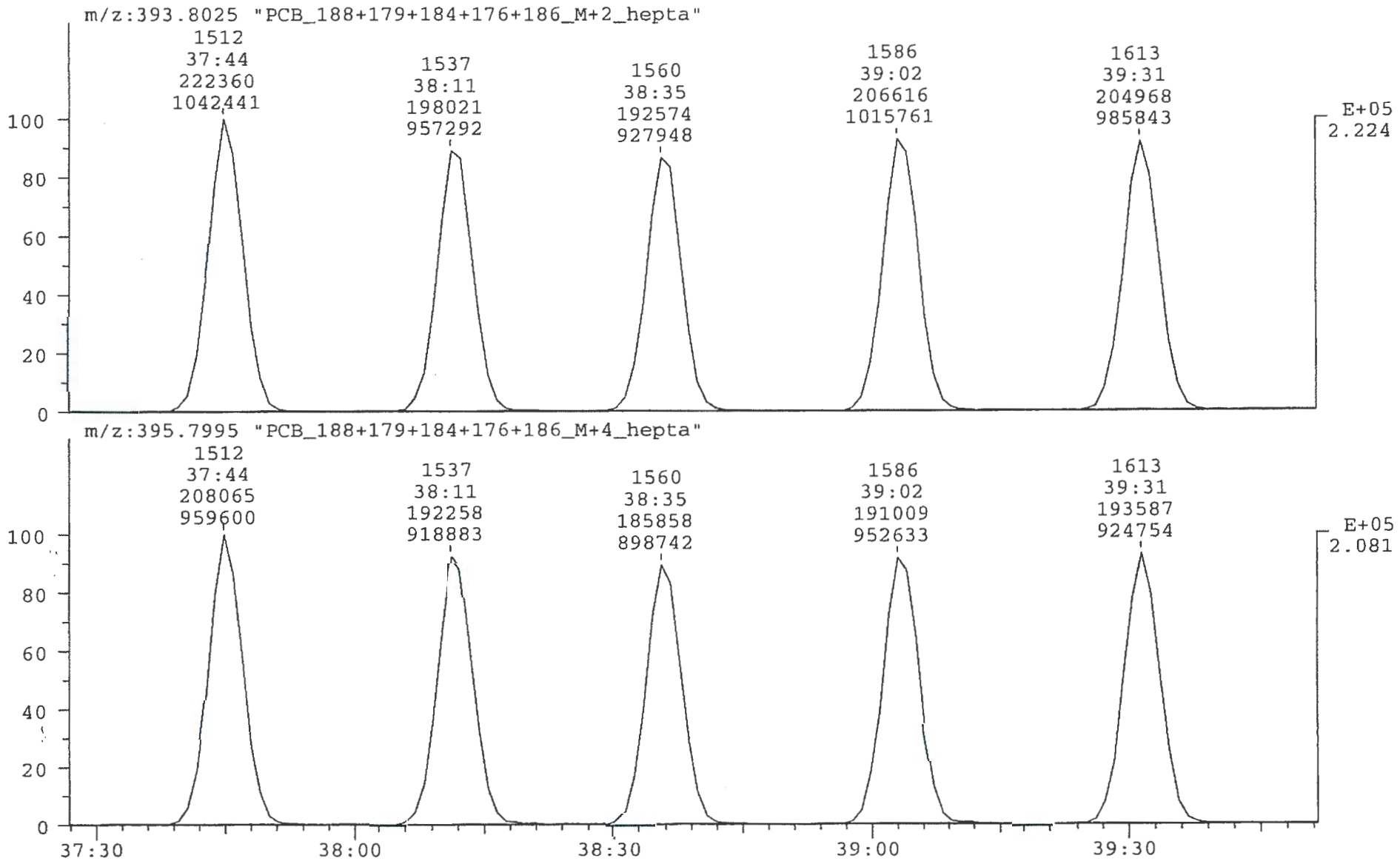
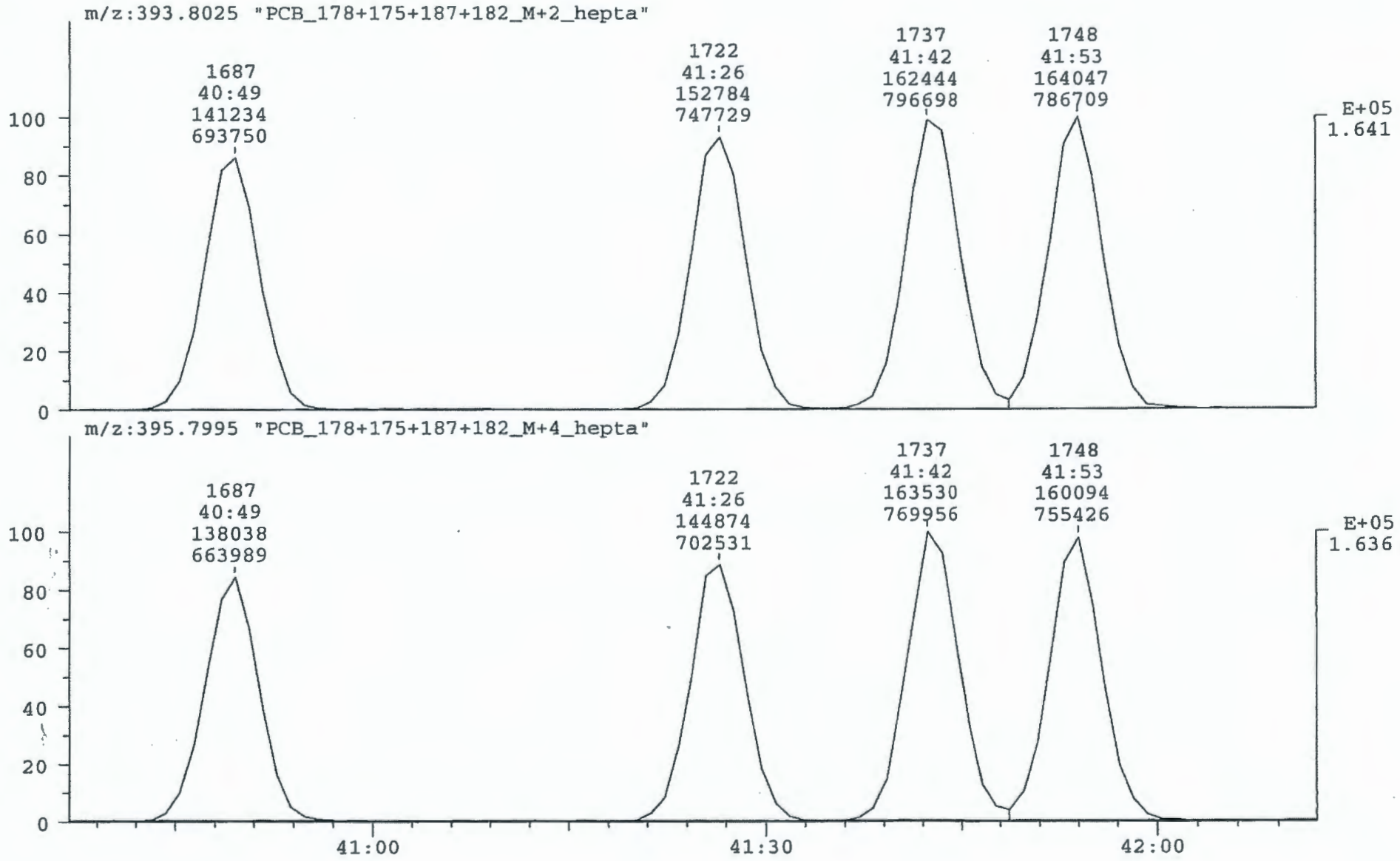


CHRO: a070313i3 13-Mar-07 Elapse: 41:29 1725
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1675 > 1765 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070313i3                                13-Mar-07   Elapse:  42:41      1793
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1758 > 1808           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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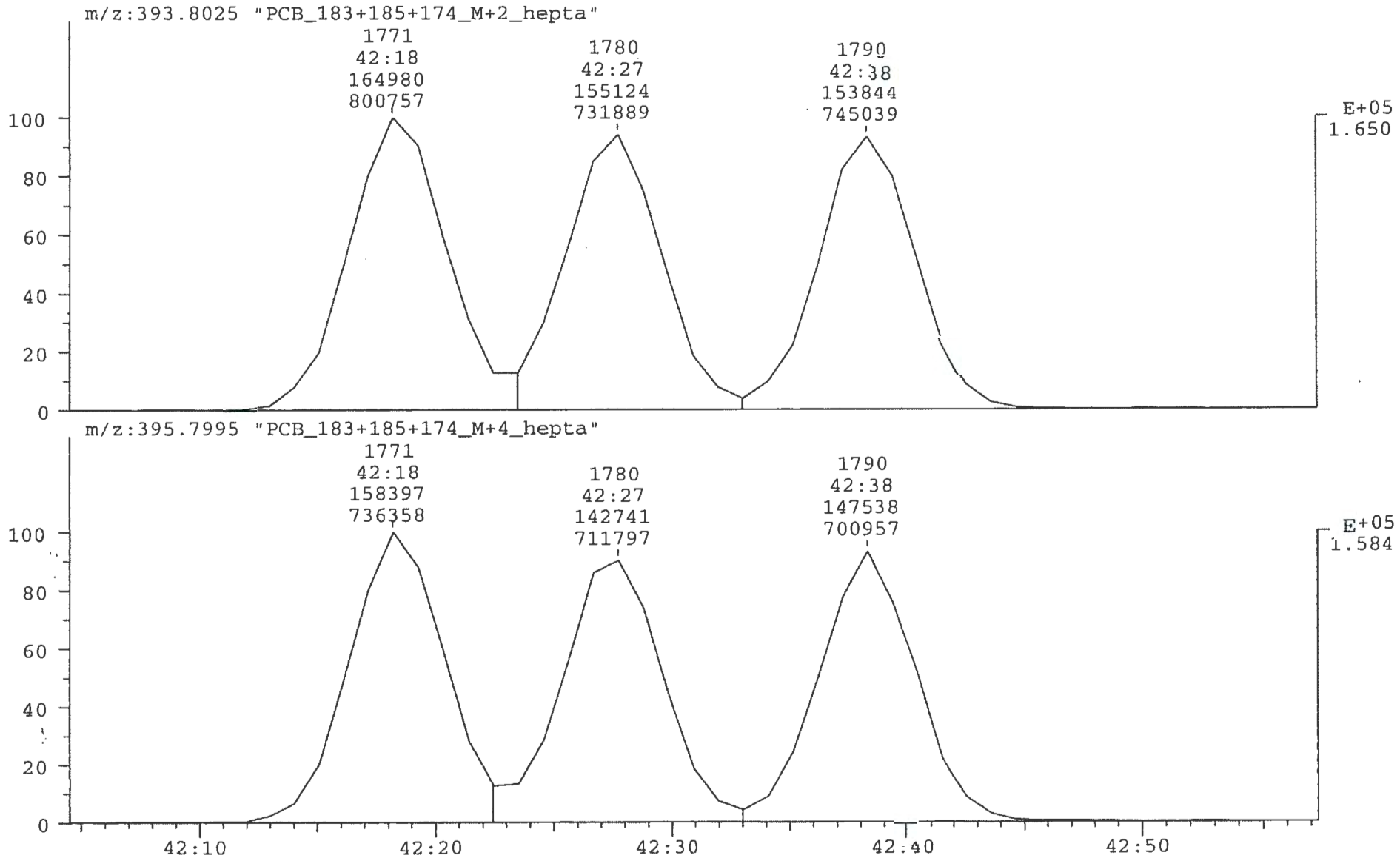

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CHRO:  a070313i3                                13-Mar-07   Elapse:  43:27      1837
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1799 > 1862           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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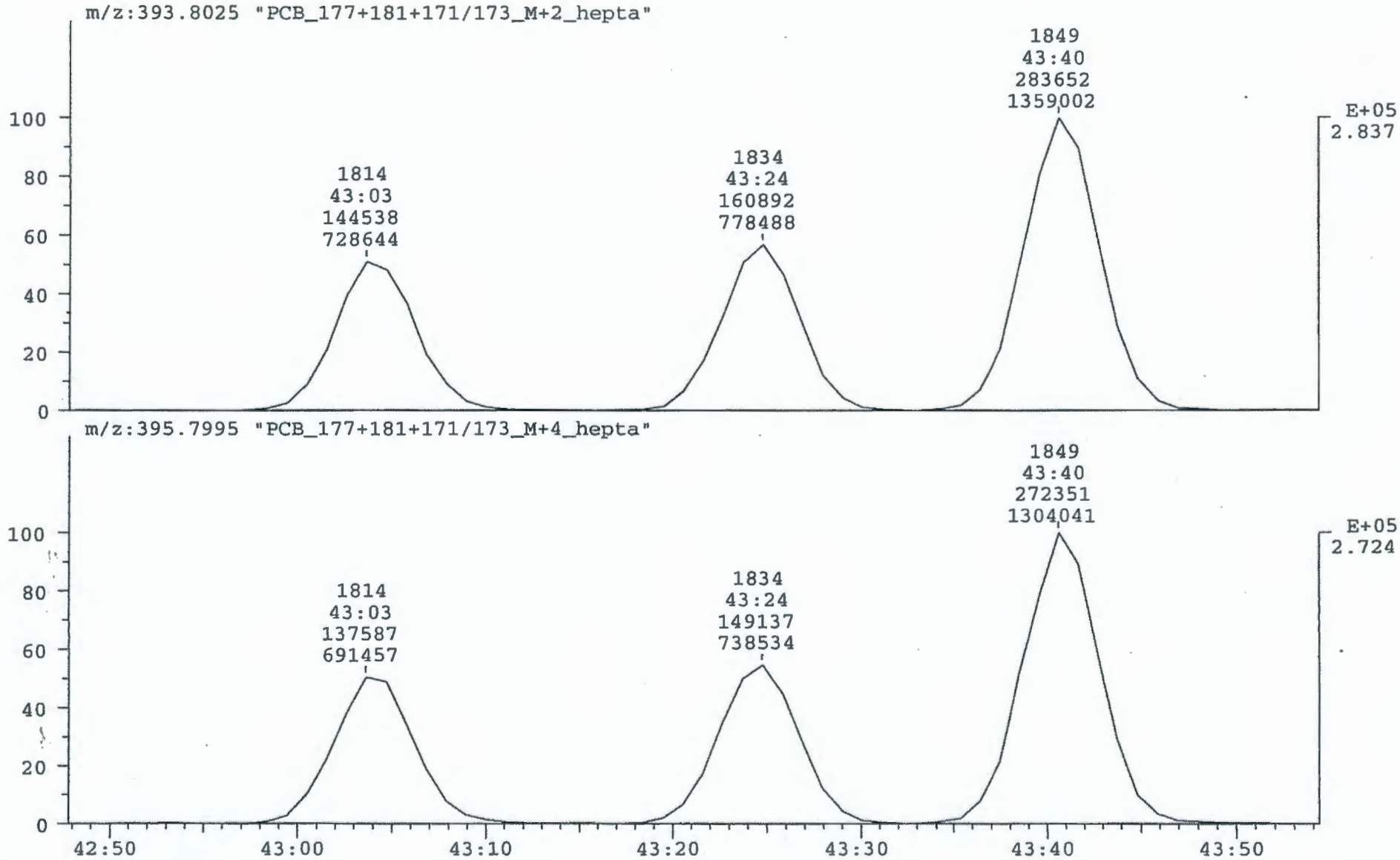

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Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1927 > 2012           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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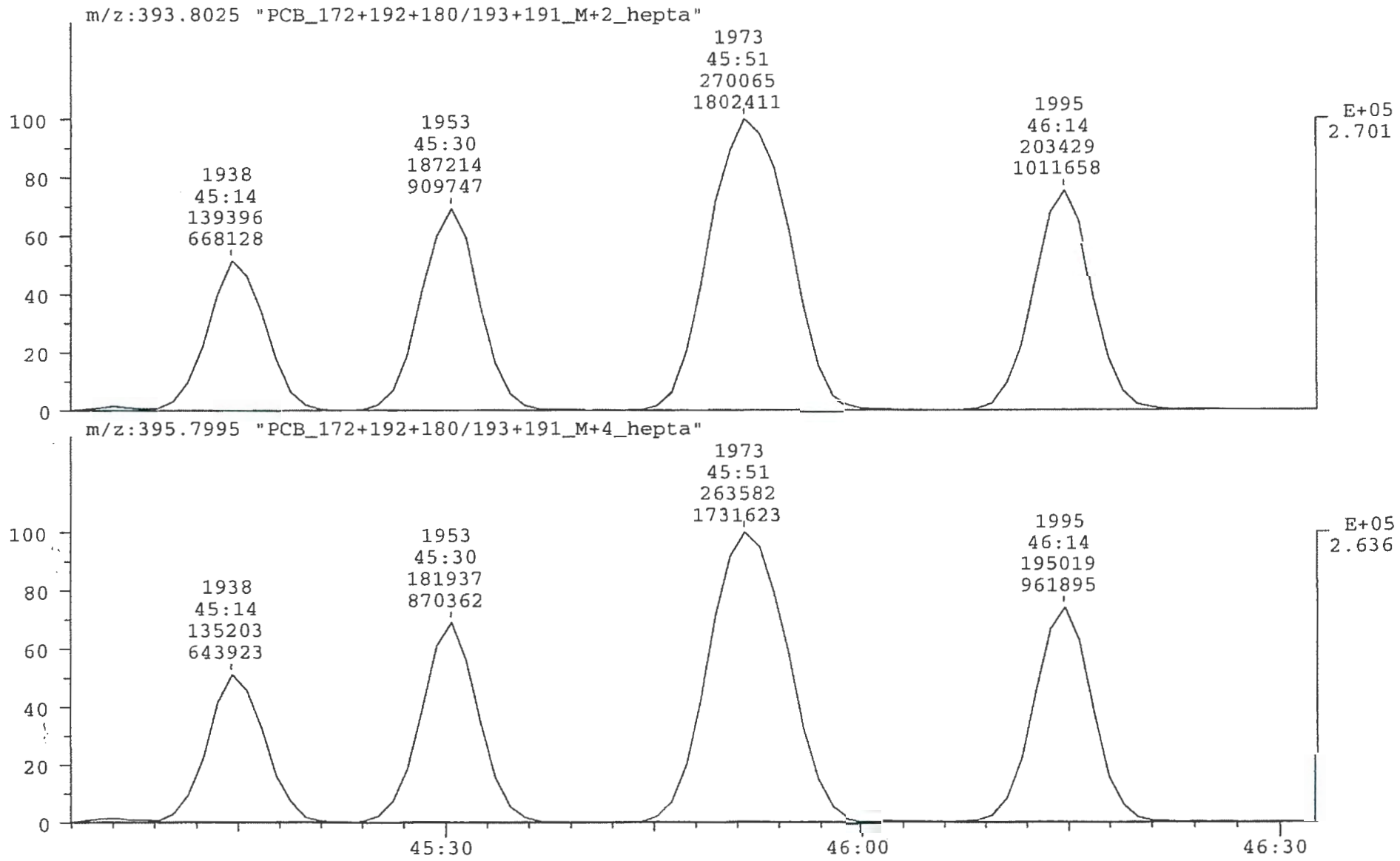

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CHRO:  a070313i3                                13-Mar-07   Elapse:  47:35      2071
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2036 > 2096           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
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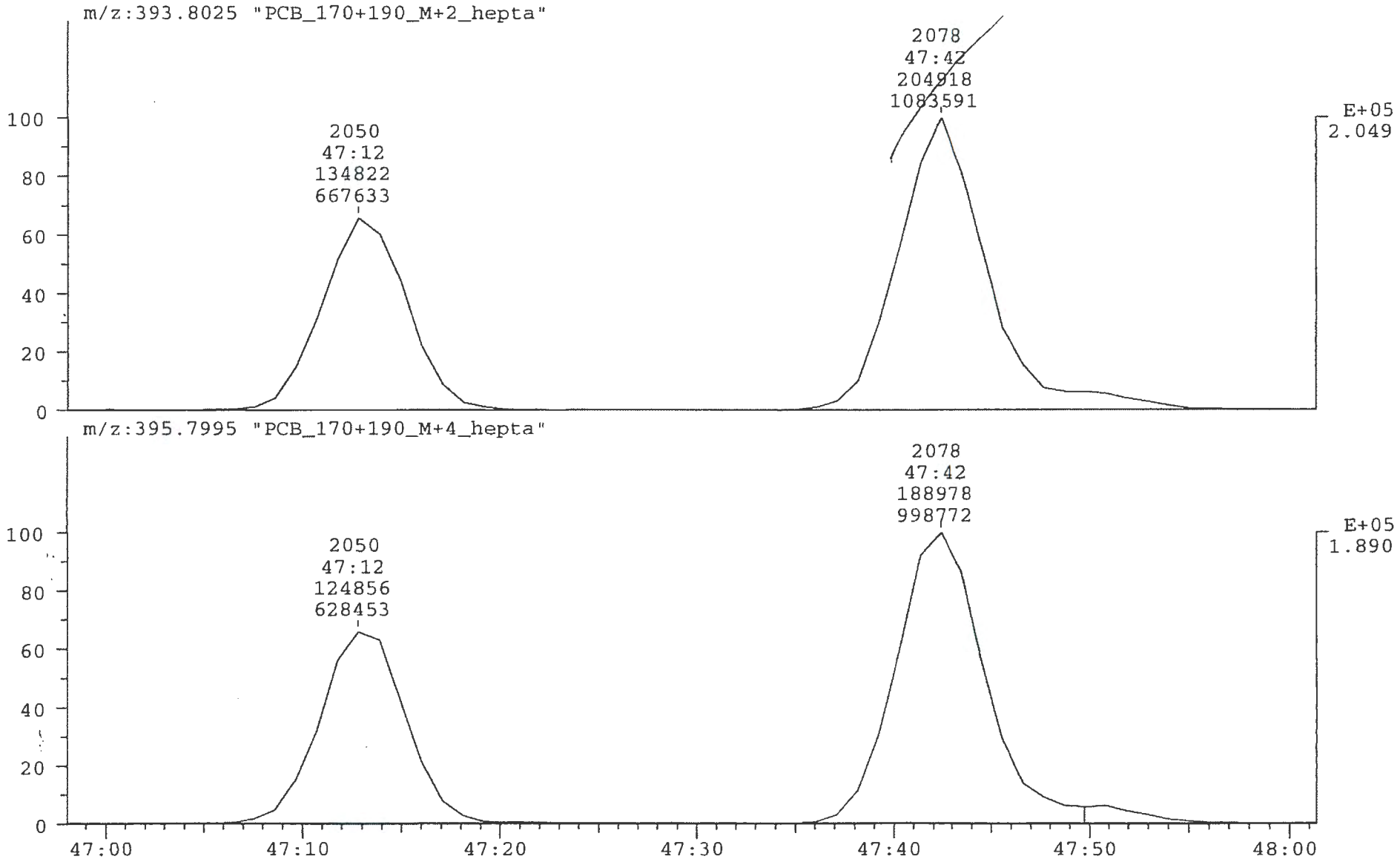

1522

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CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2036 > 2096           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
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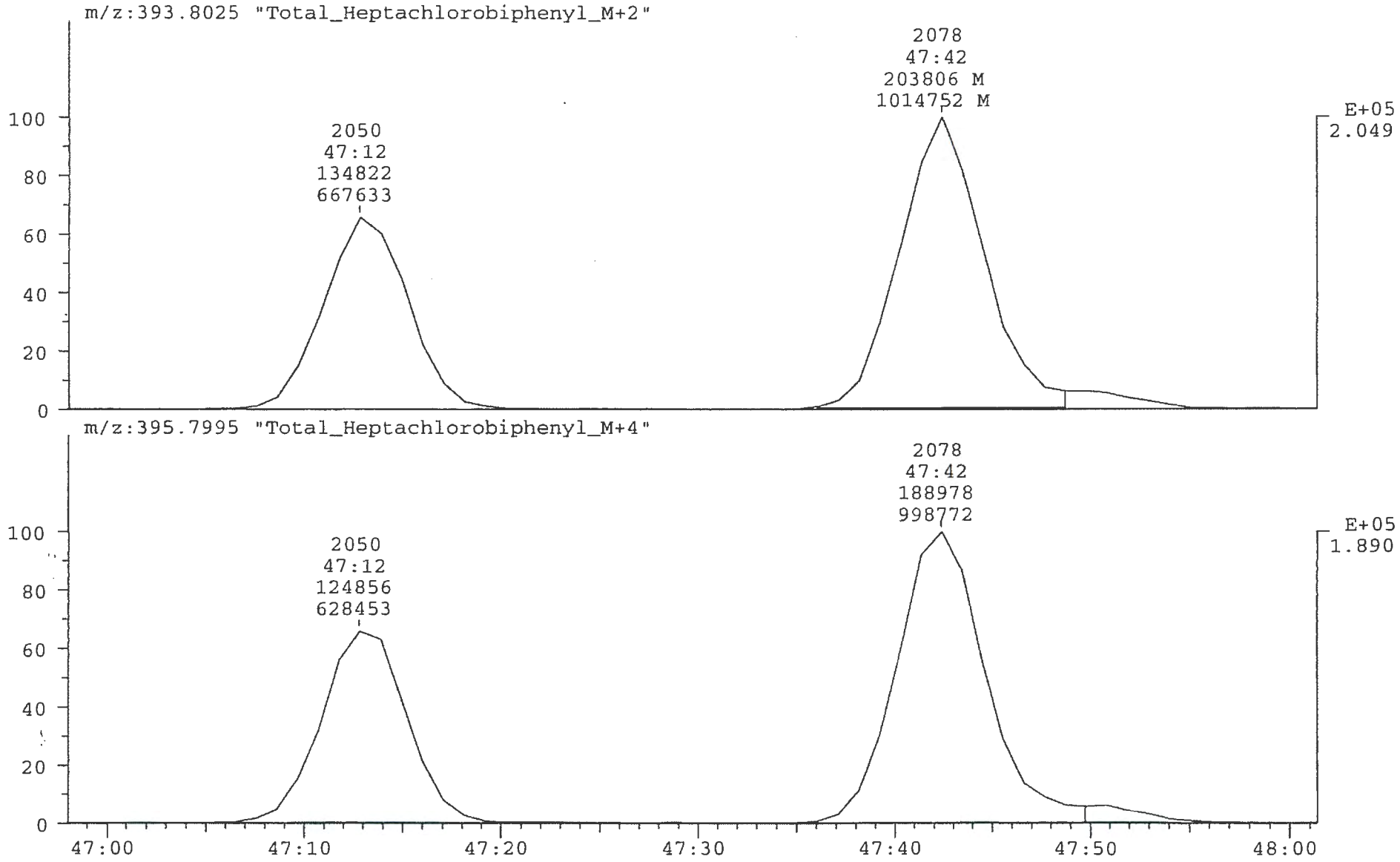

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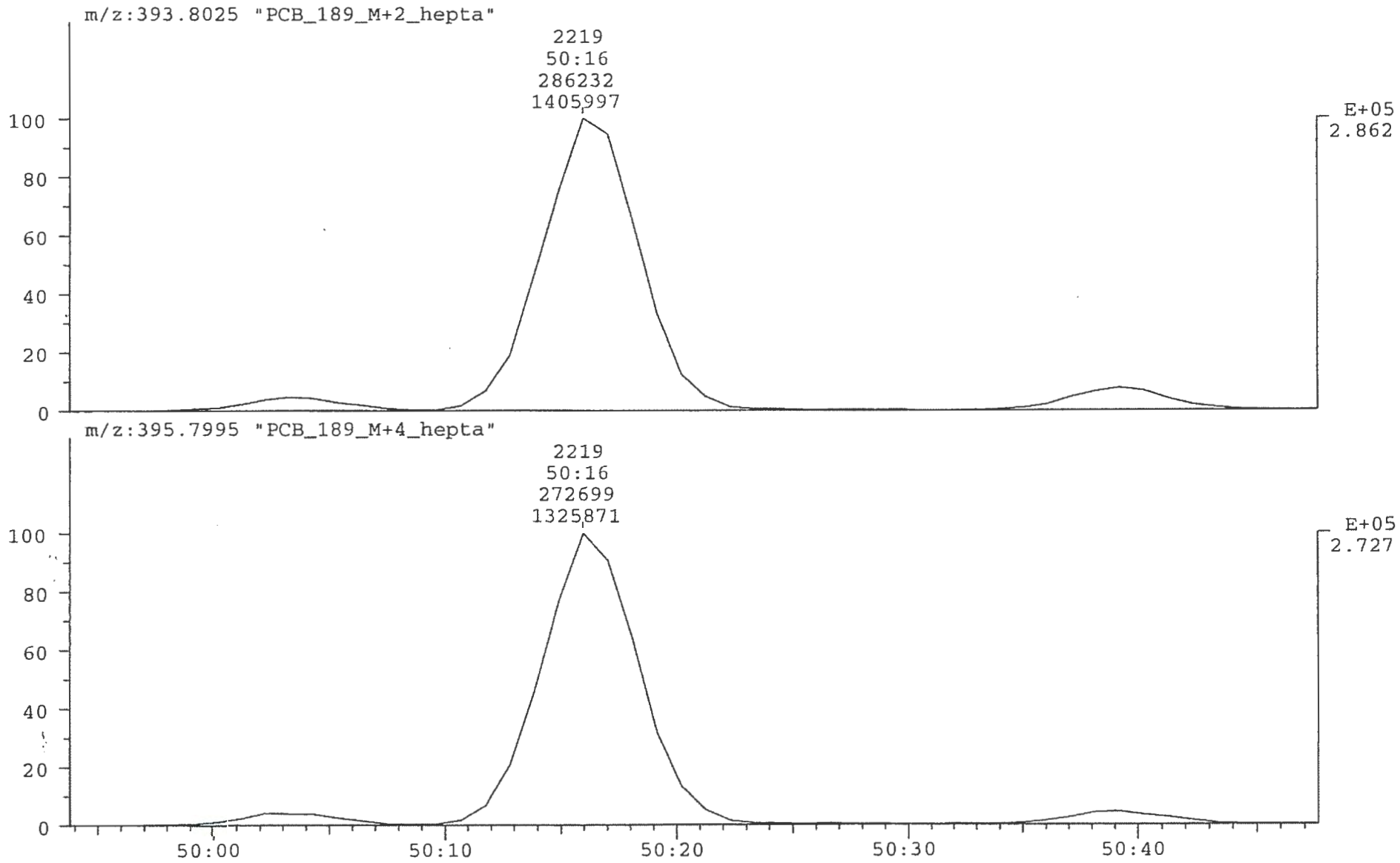
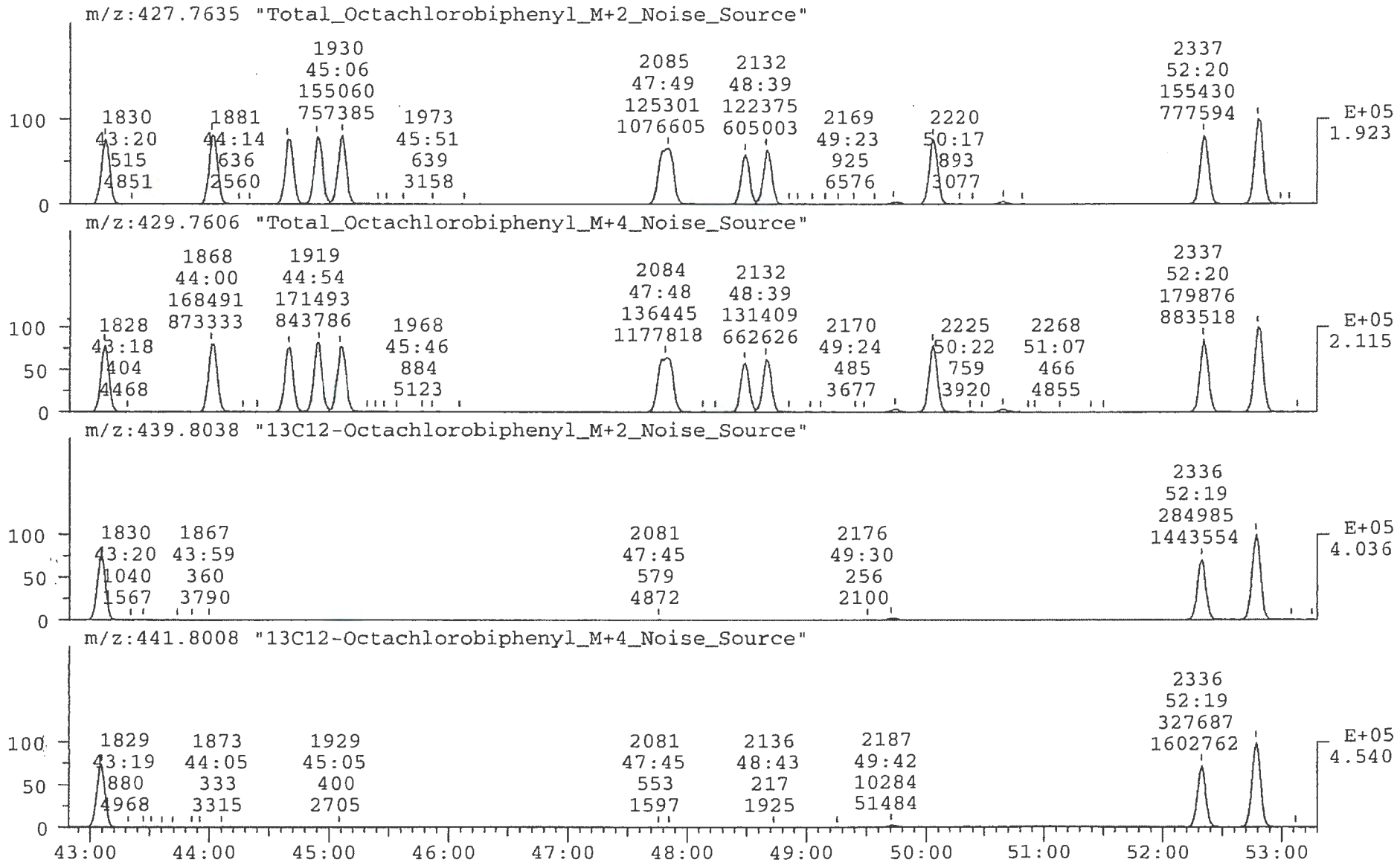
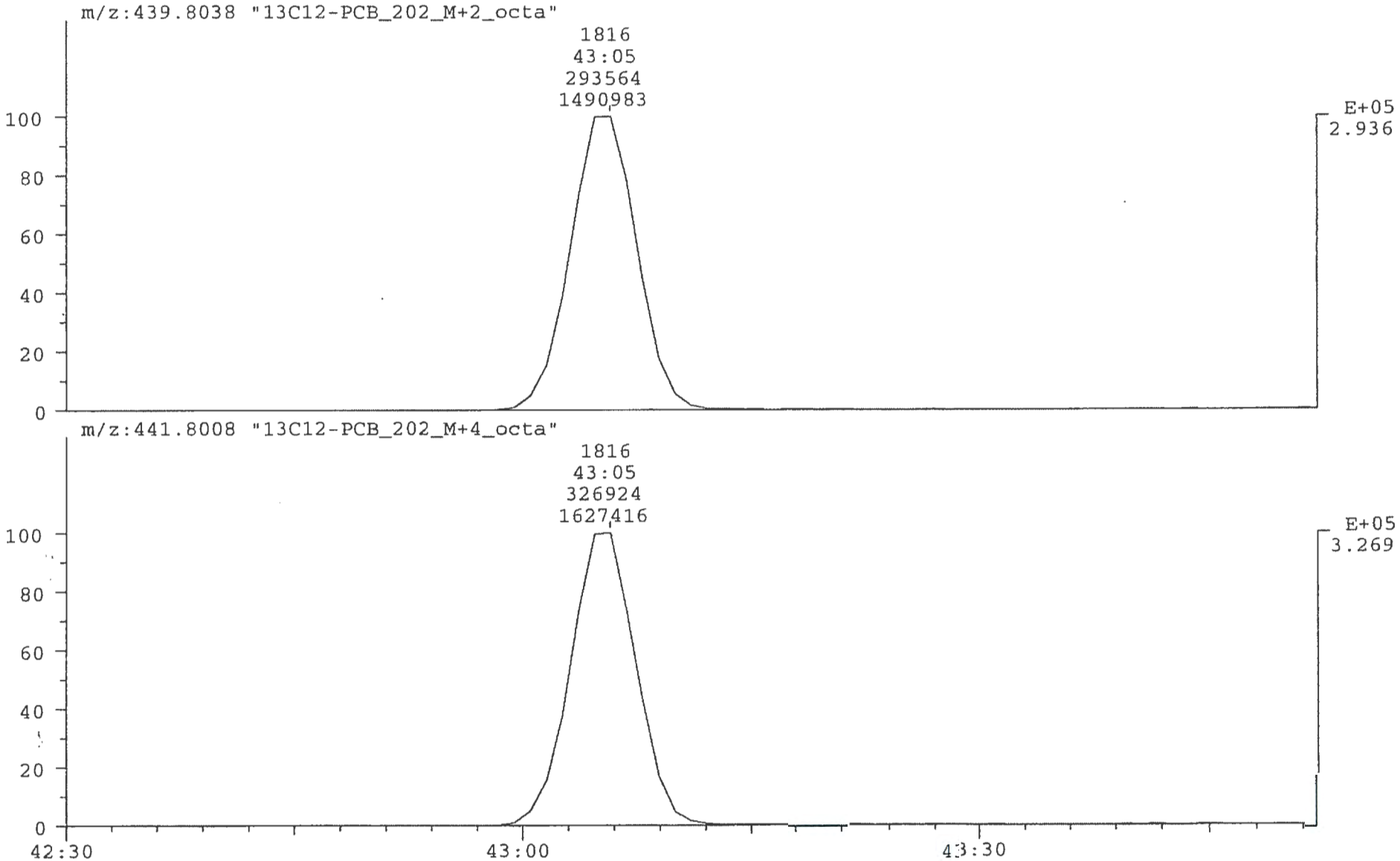
CHRO:  a070313i3                                13-Mar-07   Elapse:  50:19      2222
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2198 > 2249           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



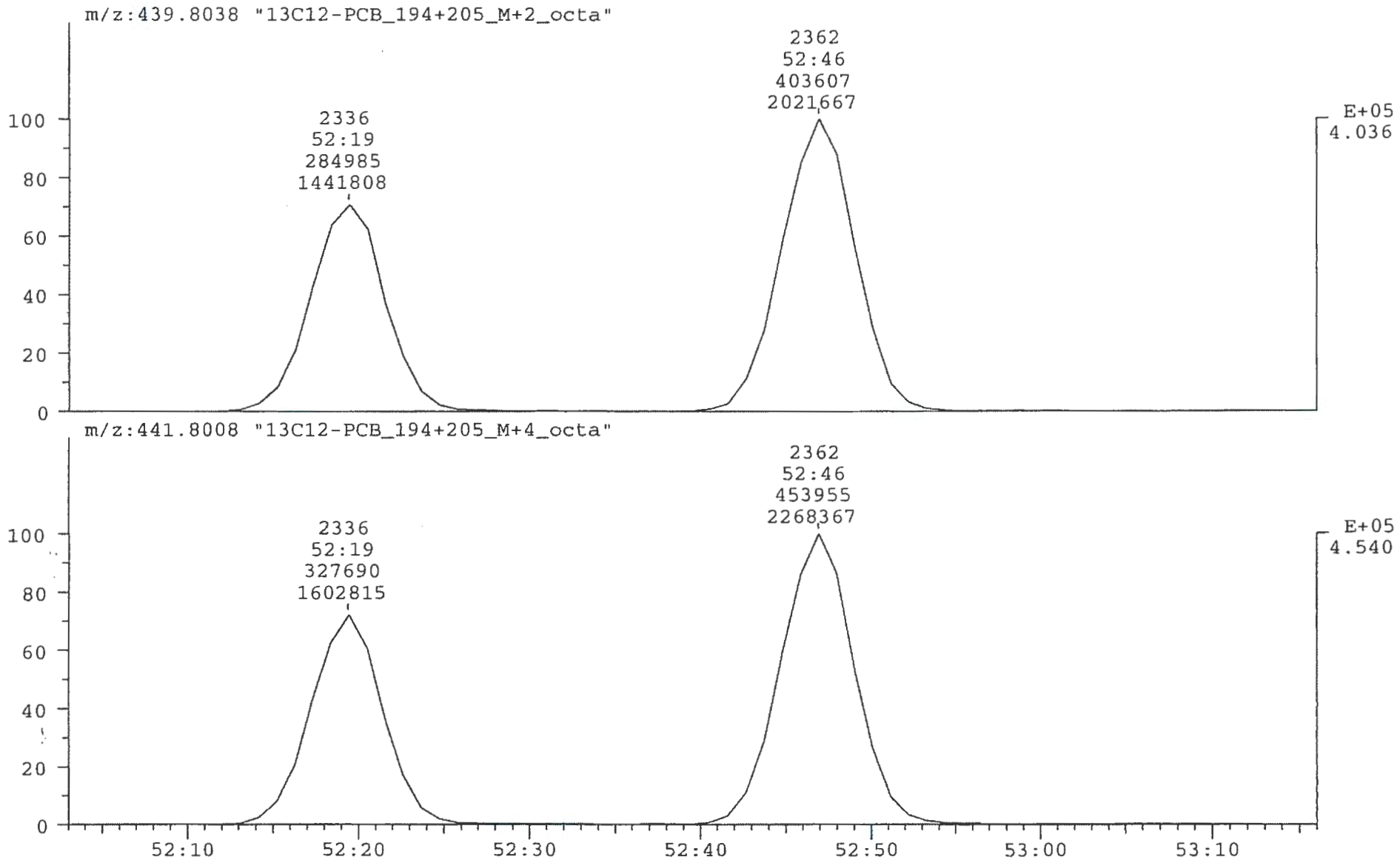
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  48:03      2098
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1800 > 2391           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



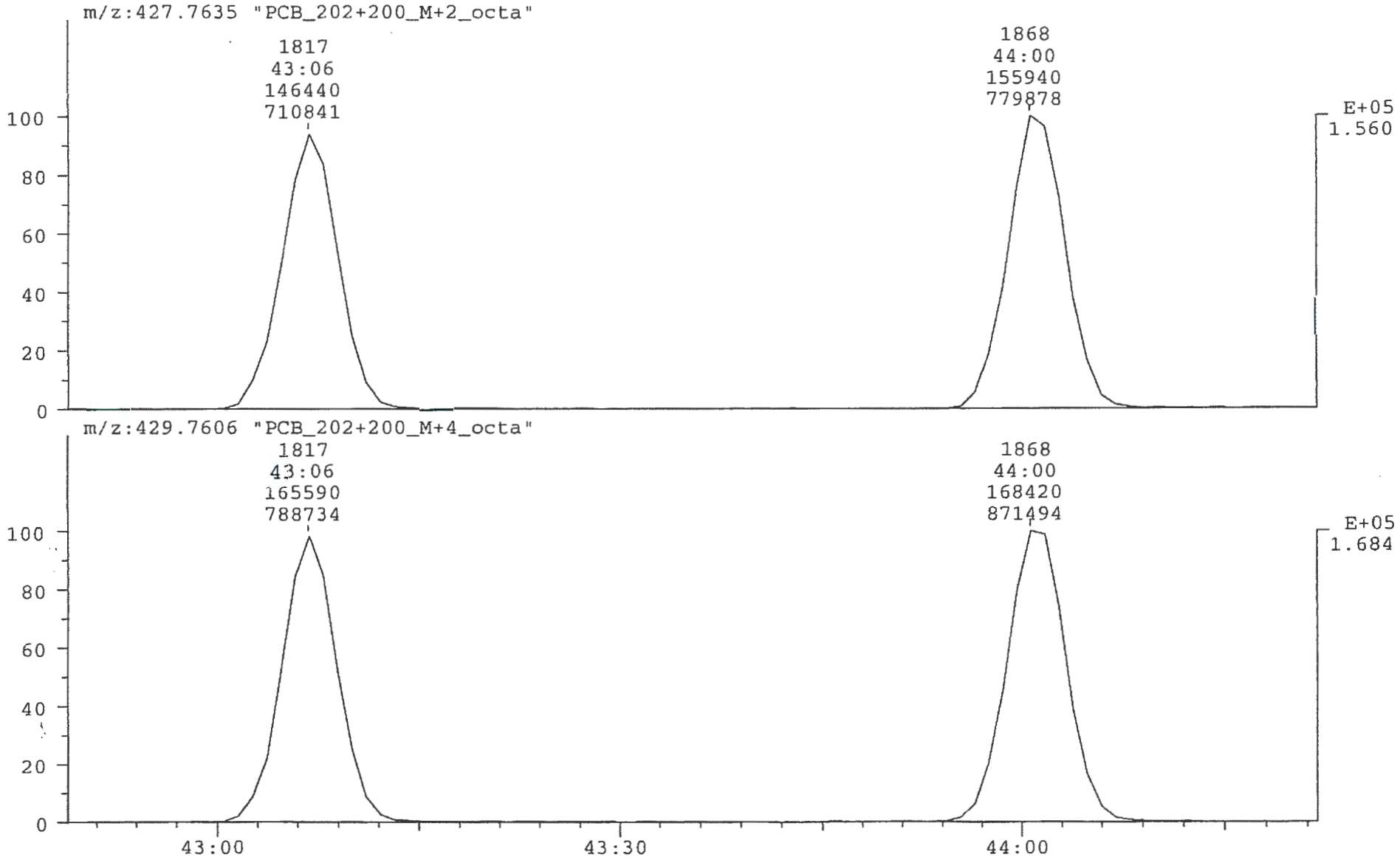
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  43:07      1818
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1782 > 1860           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



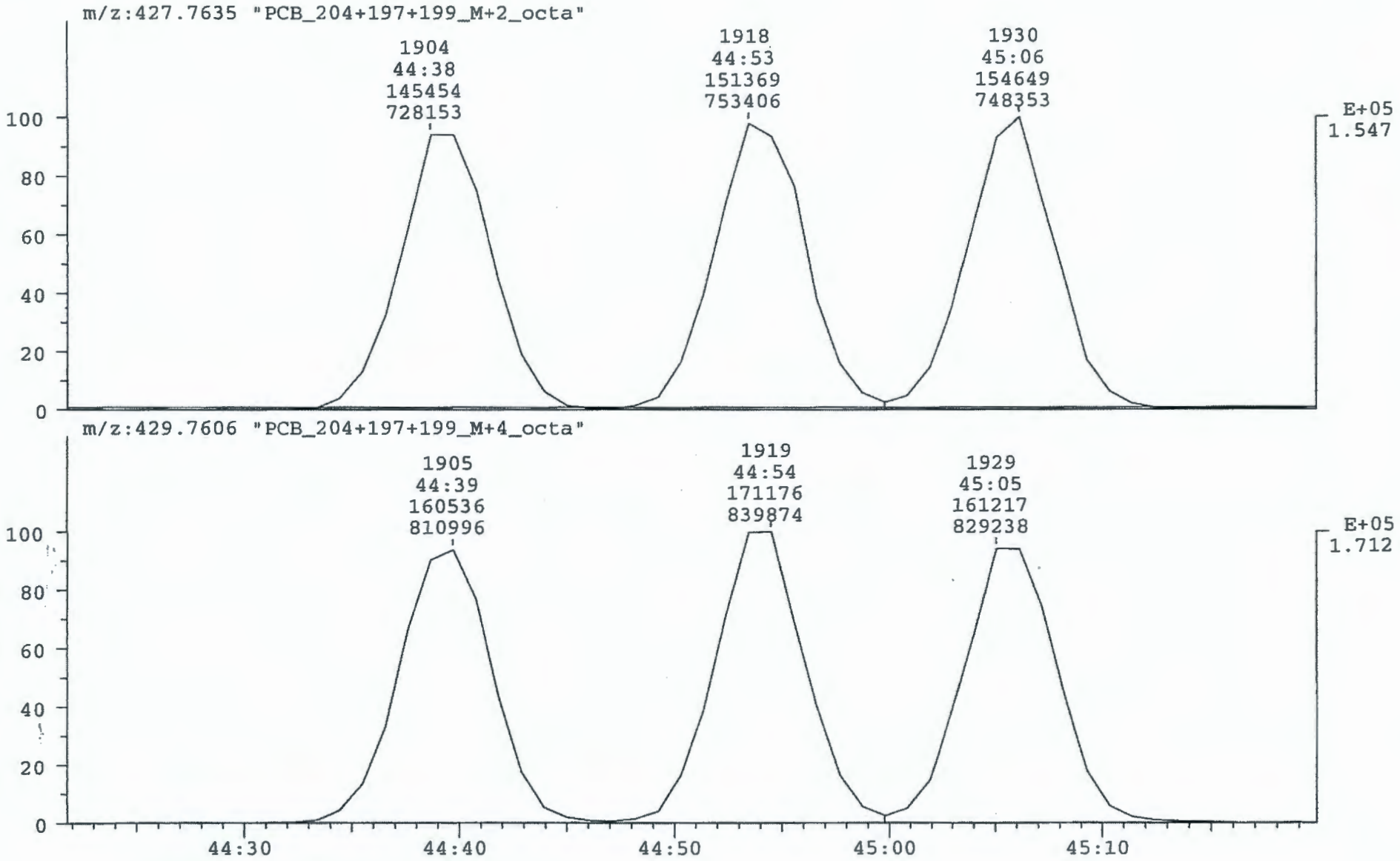
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  52:39      2355
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2320 > 2390           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



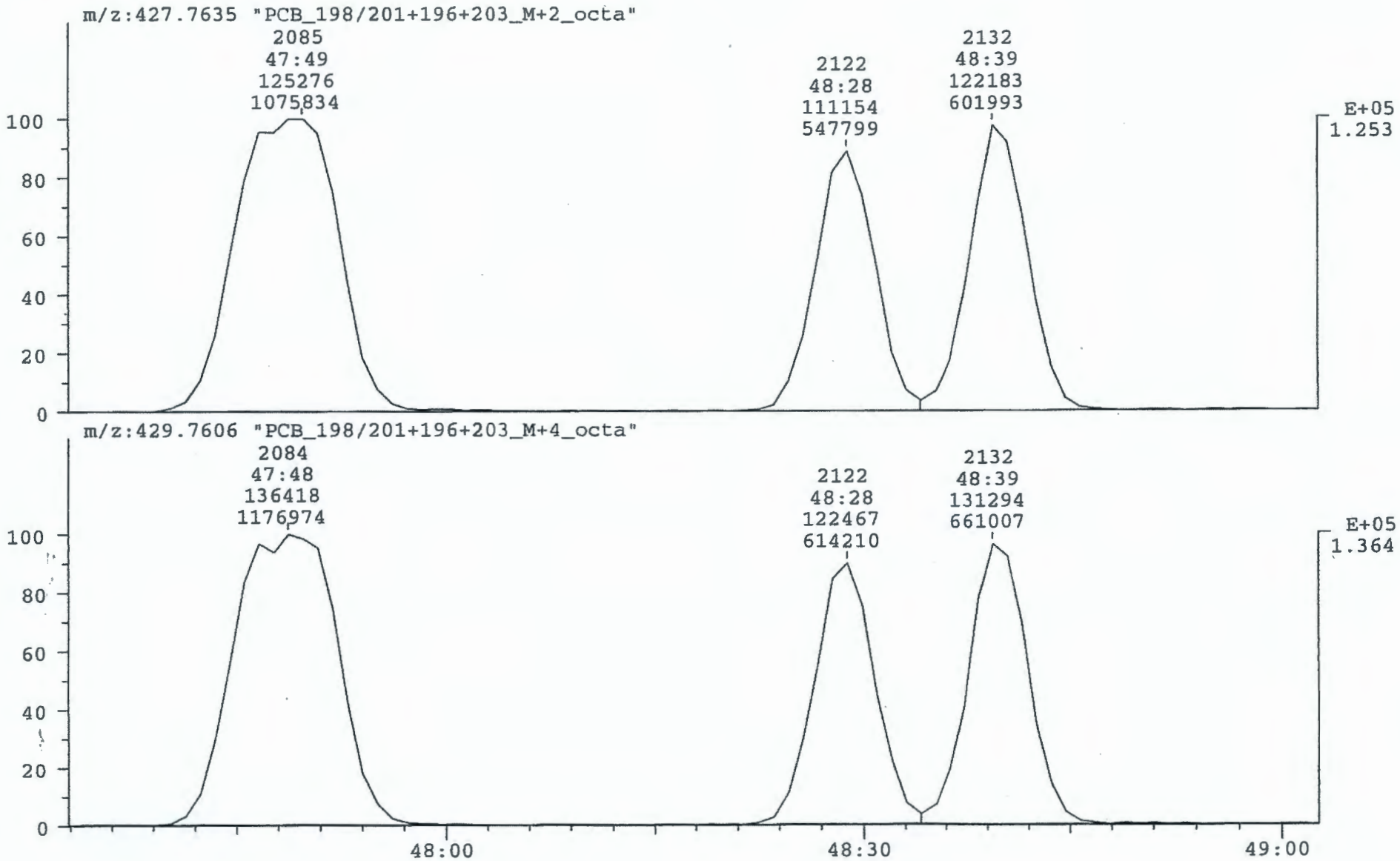
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  43:39      1848
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1800 > 1888           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



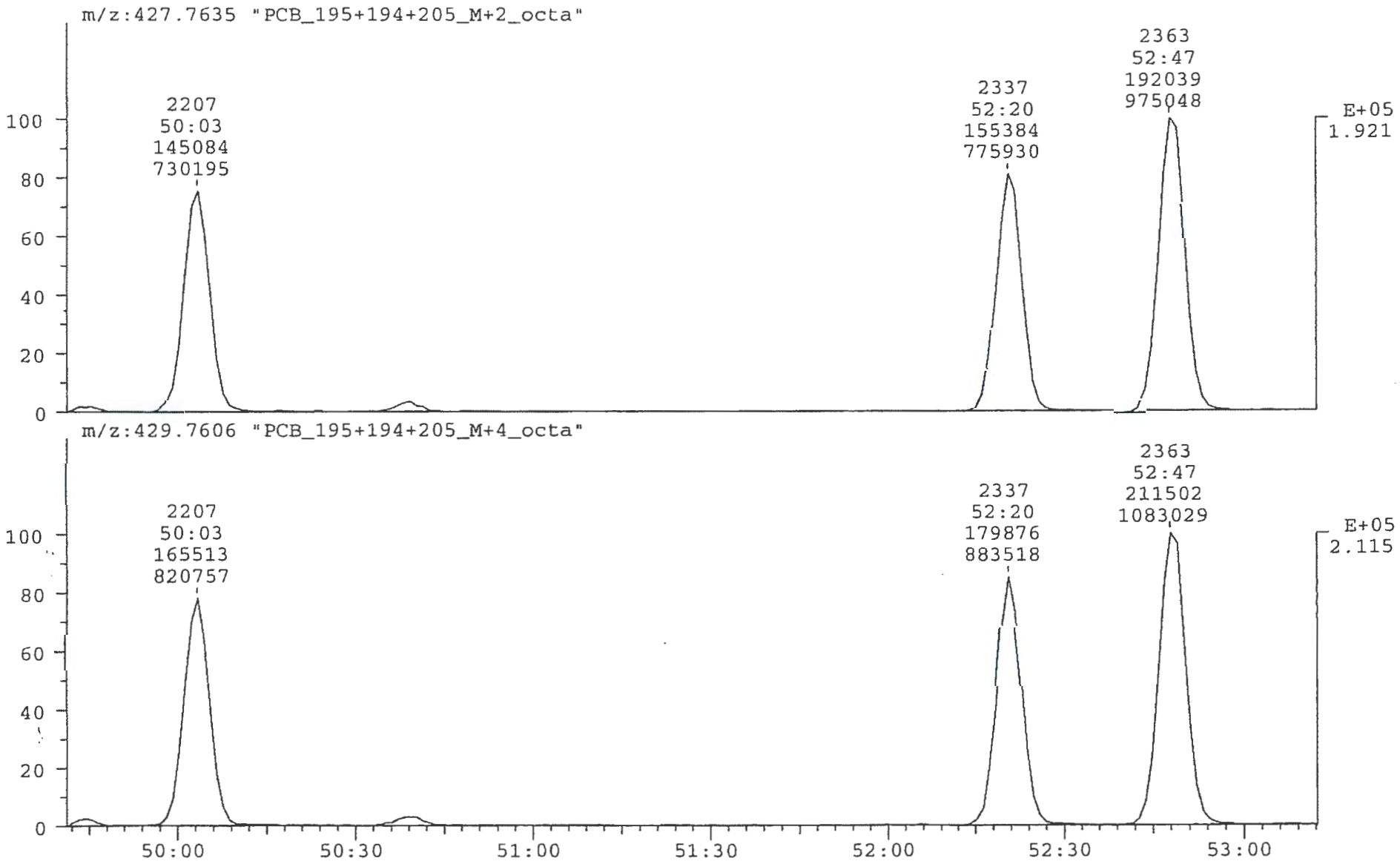
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  44:42      1908
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1888 > 1943           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



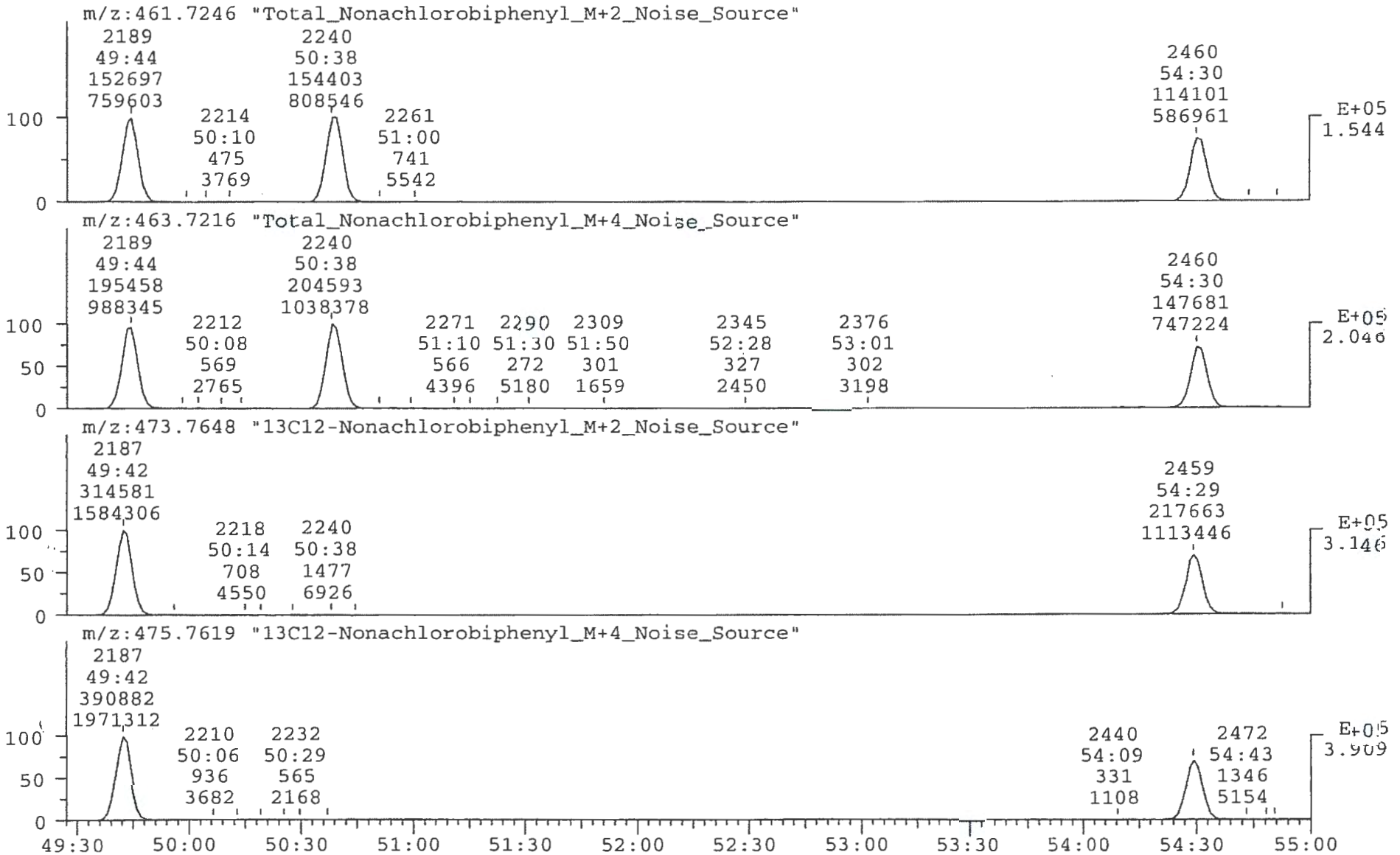
CHRO: a070313i3 13-Mar-07 Elapse: 48:33 2126
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 2069 > 2154 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



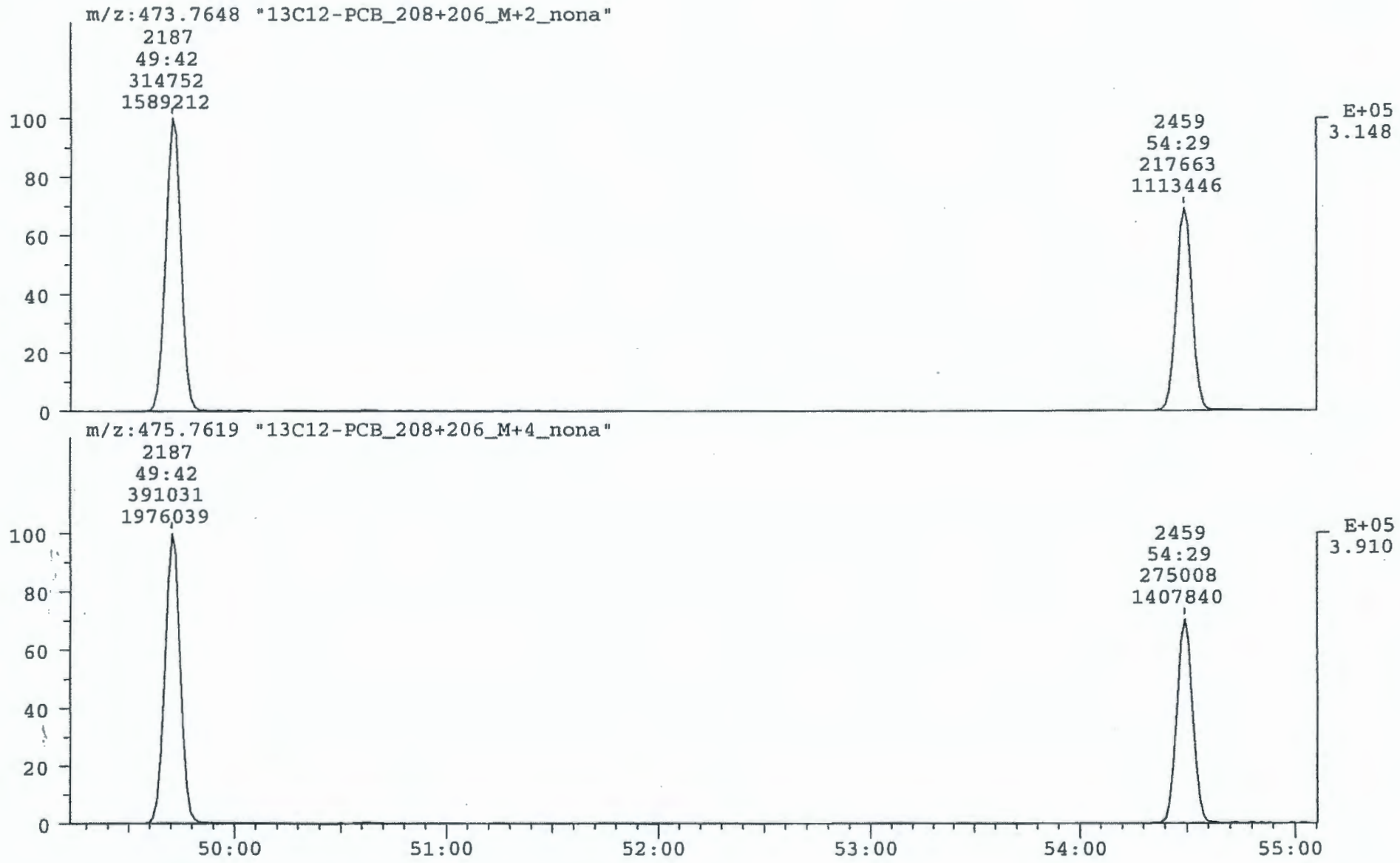
CHRO: a070313i3 13-Mar-07 Elapse: 52:24 2341
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 2186 > 2386 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



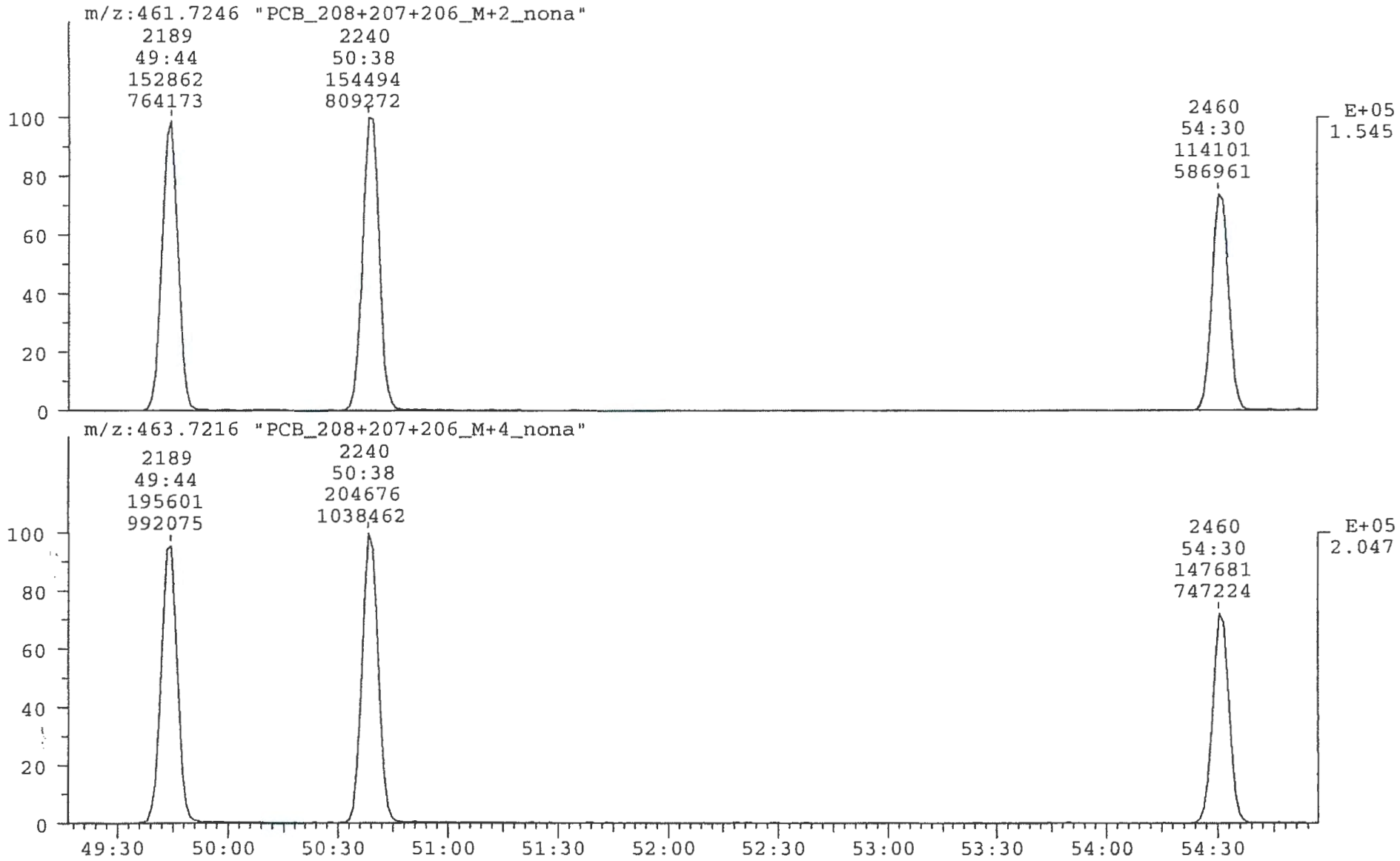
CHRO: a070313i3 13-Mar-07 Elapse: 52:13 2330
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 2173 > 2488 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



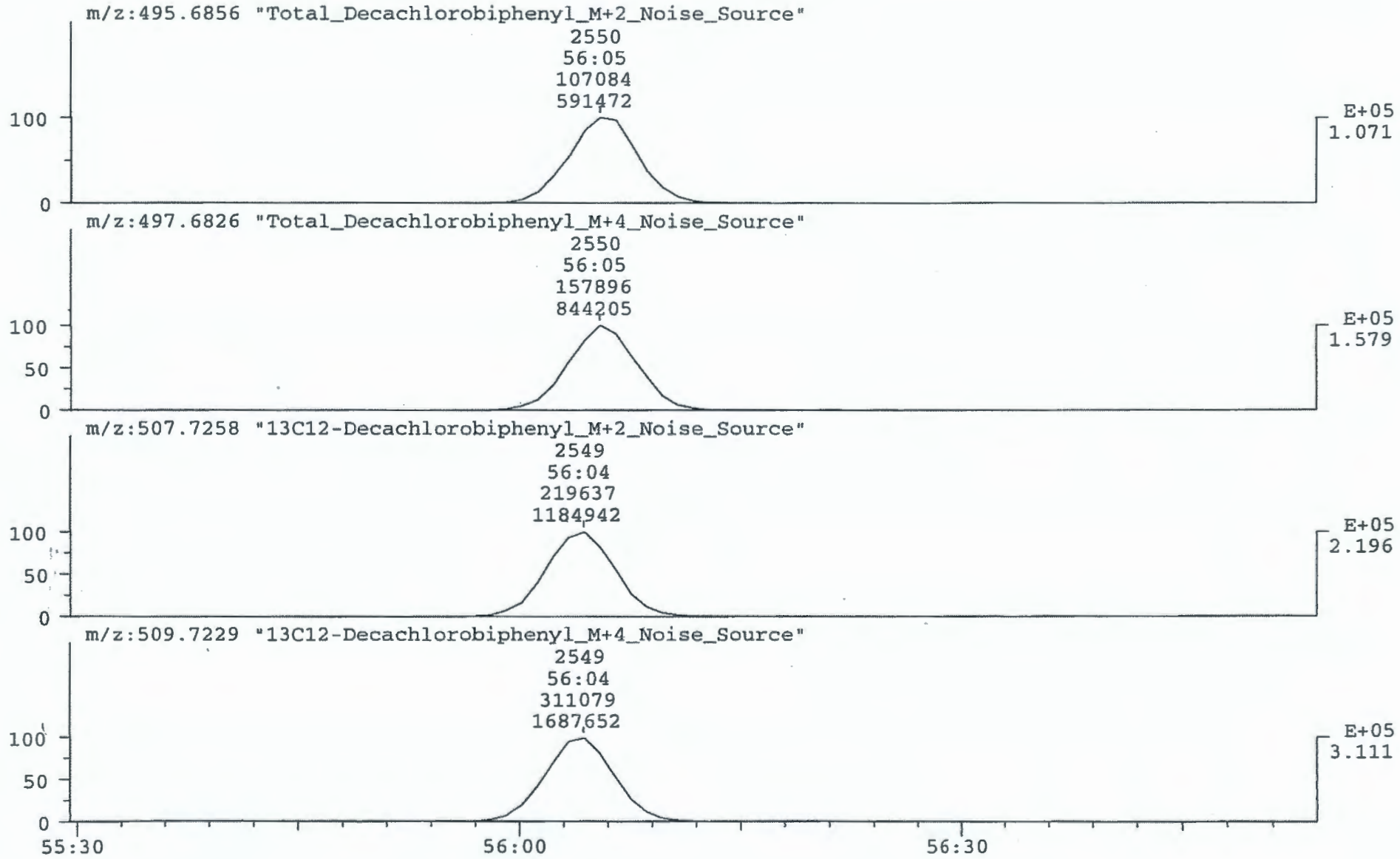
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  52:12      2329
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2164 > 2494           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



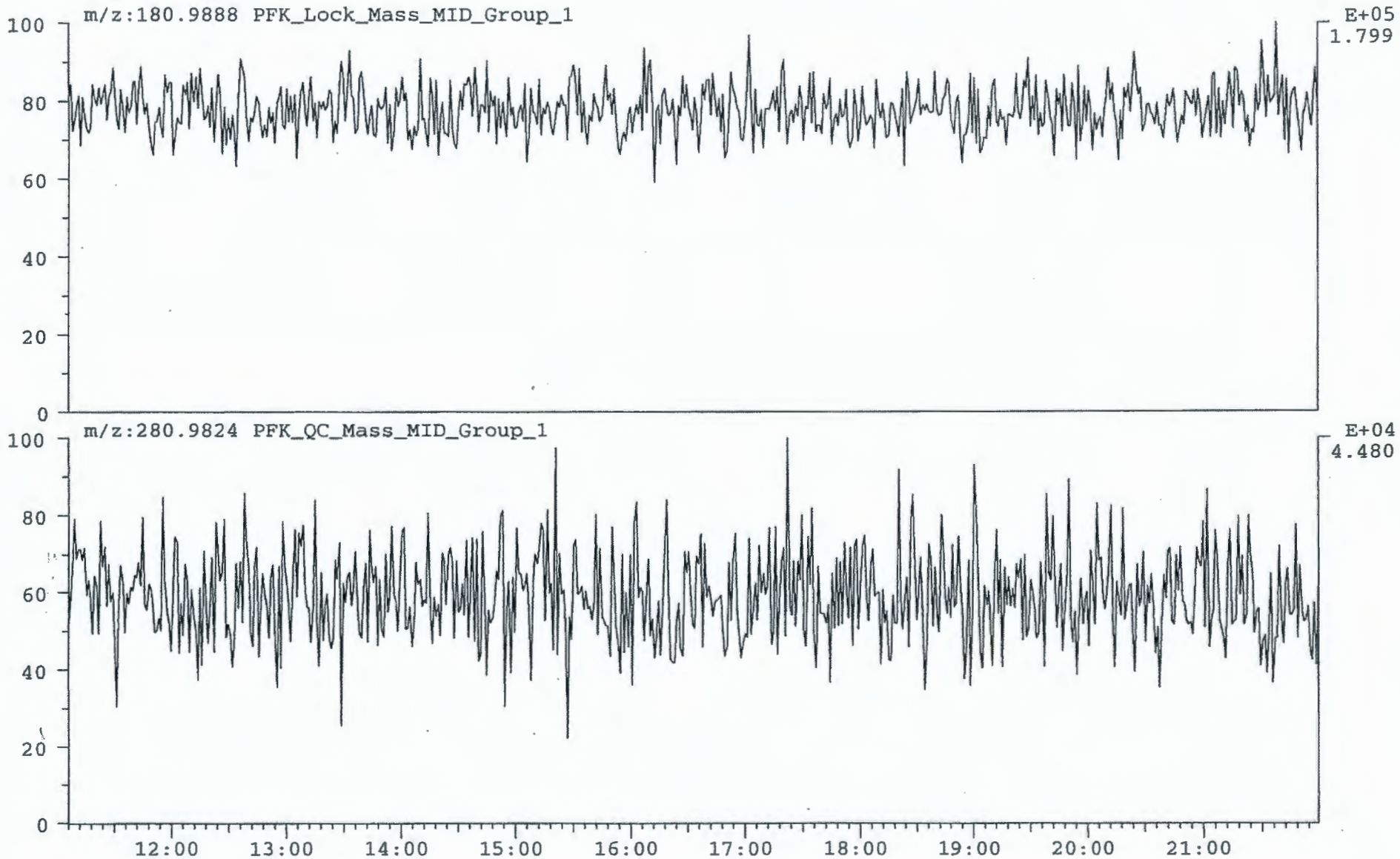
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  52:13      2330
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2167 > 2485           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



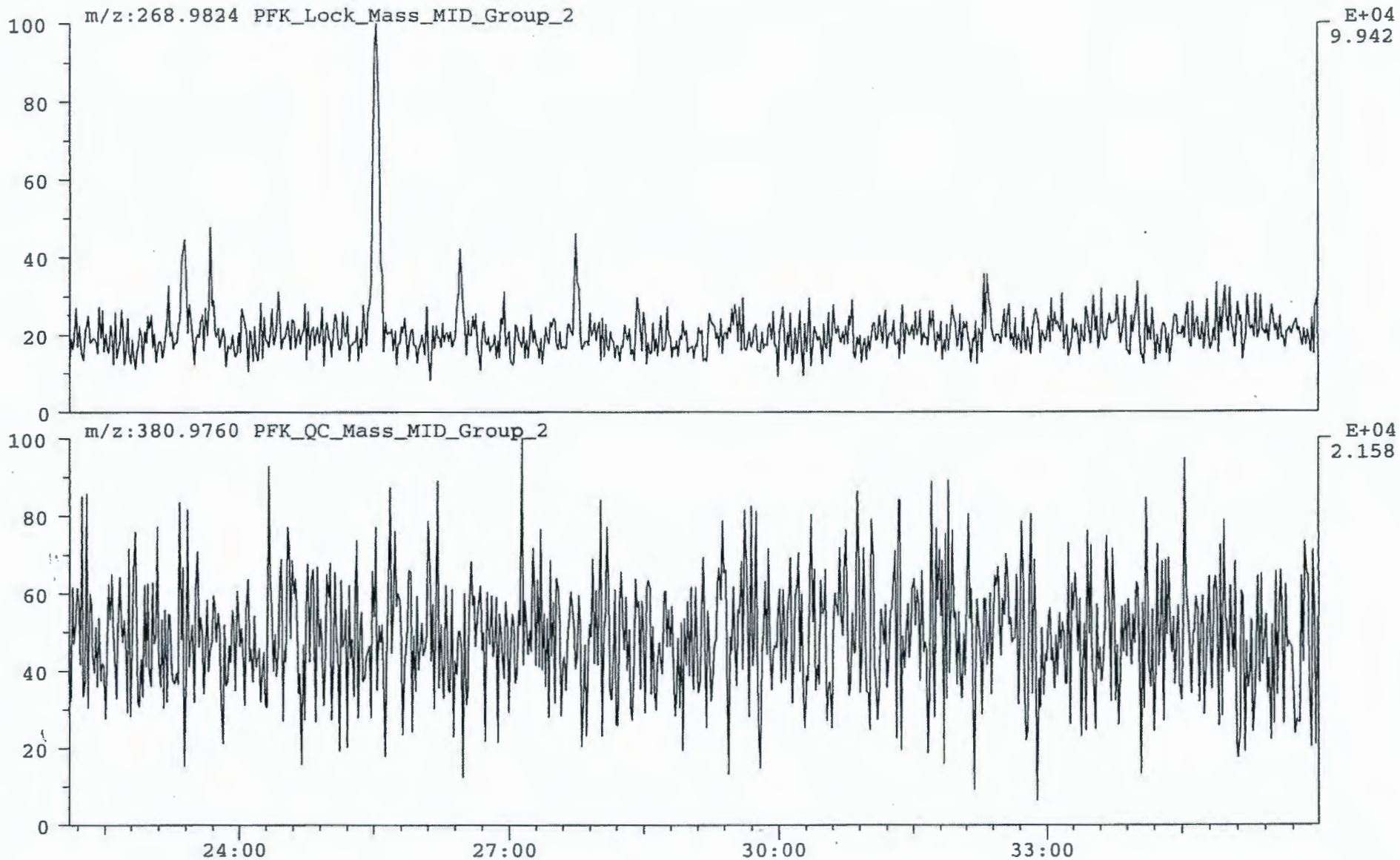
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2516 > 2596           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



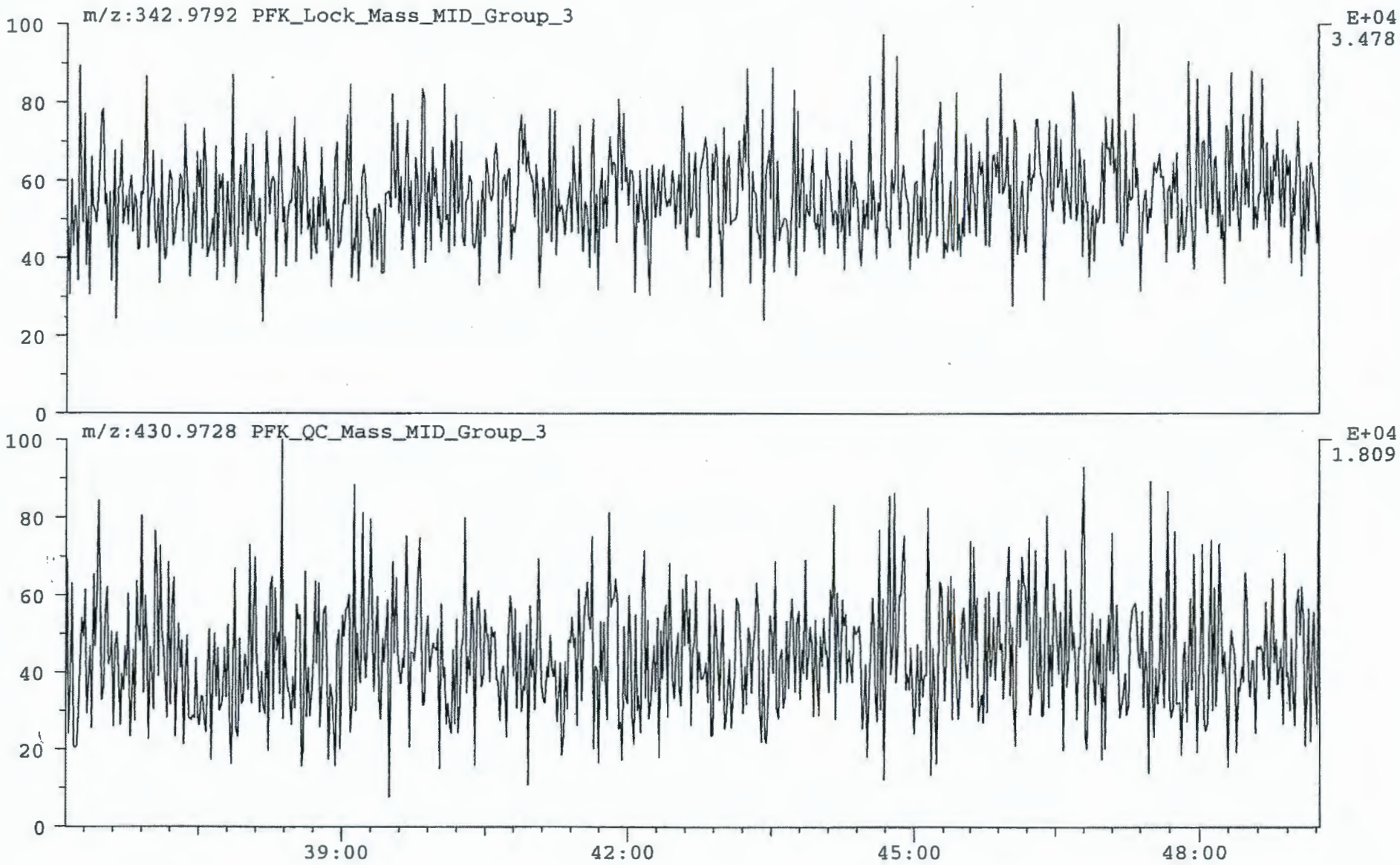
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
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
```



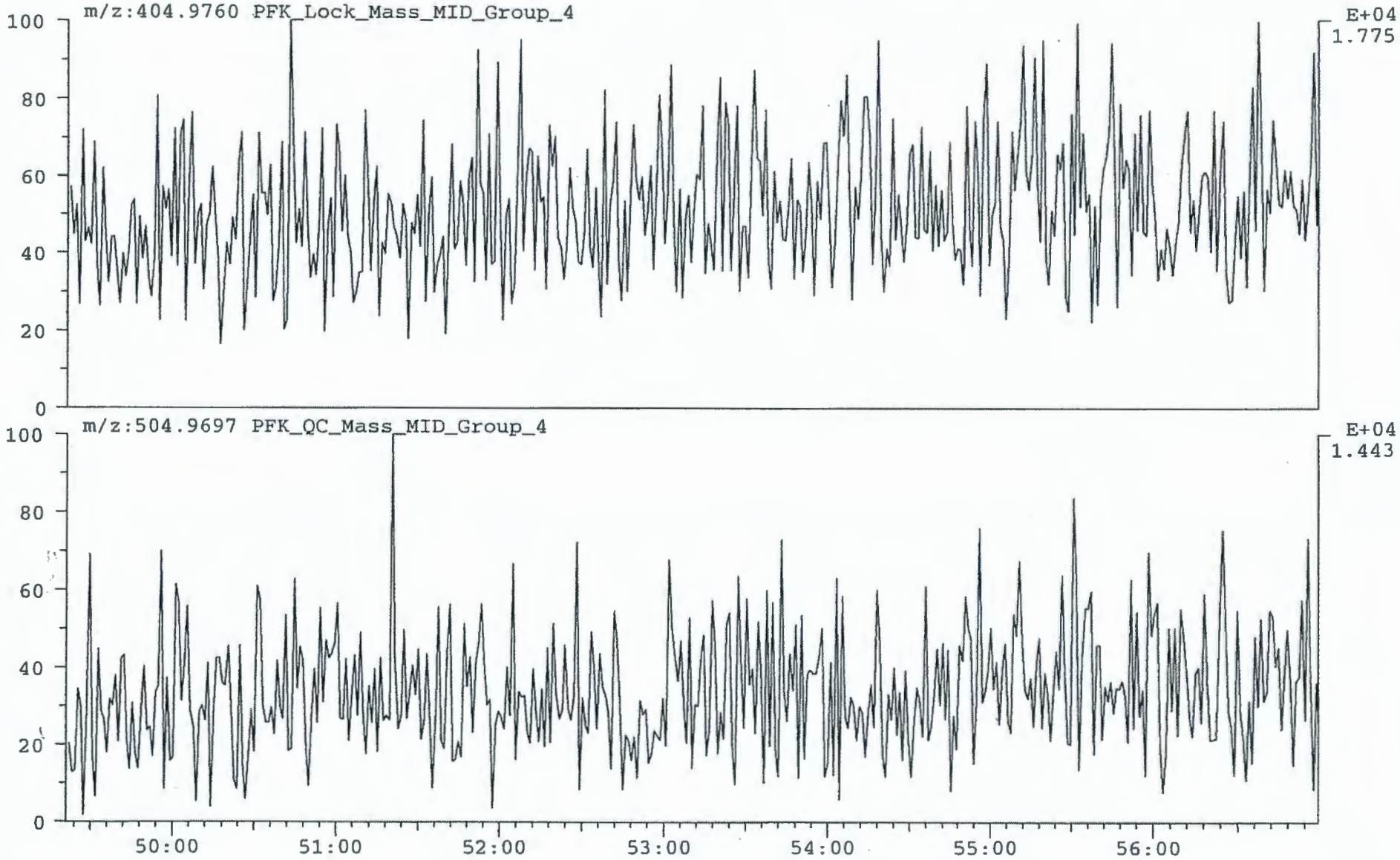
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   627 > 1416            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1419 > 2165           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   2168 > 2601           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: a070313i3
Study: ICAL CS3
Sample: WO=2990:71CS3 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxville
Comments: Inst=m1d/35055-03a Batch=20070313i Ccal=METHOD
Injected volume: 2.00
Sample from Vial 6
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 2 of list 070313
ICL procedure: sleep7x
MID procedure: epa1668n

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	14:00 min	36:00 min	1.00 sec
# 3	36:00 min	13:15 min	49:15 min	1.00 sec
# 4	49:15 min	7:45 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 : epa1668n

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	1032.2528
BMASS	180.4888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9059
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-21.8250
DRAWC	1.0000	DRAWS	0.0050	ECORR	1.0002
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9998
EDACR	23.0000	EDACZ	1219.0000	ELEN	75.3500
EMULT	1.6000	ENS	178.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	145.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	501.3369	FSLOPE	54000000.0000	FVANAL	263.0000
FVINLET	259.0000	FVSRC	839.0000	FWIN	0.7000
GCTC	212.0000	GCTI	270.0000	GCTL	280.0000
HACCU	187.0000	HCURR	1.0980	HVANAL	1310.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	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	1291.0000	LENSS	83.6000
LKM	404.9760	LM	800.0000	LMASS	180.4888
LMII	500.0000	MASS	180.4888	MDAC	2346712.5794

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	1.0000	NSAM	100.0000
NSCAN	2611.0000	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	10280.6324	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	1.0000	SHIELD	2592.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	5.0000
SW	0.0500	TANAL	420.2200	TCURR	0.7031
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	2.2000	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.4888	XLENS	2000.0000
XLENSS	-28.8000	YLENS	2655.0000	YLENSS	-33.6000

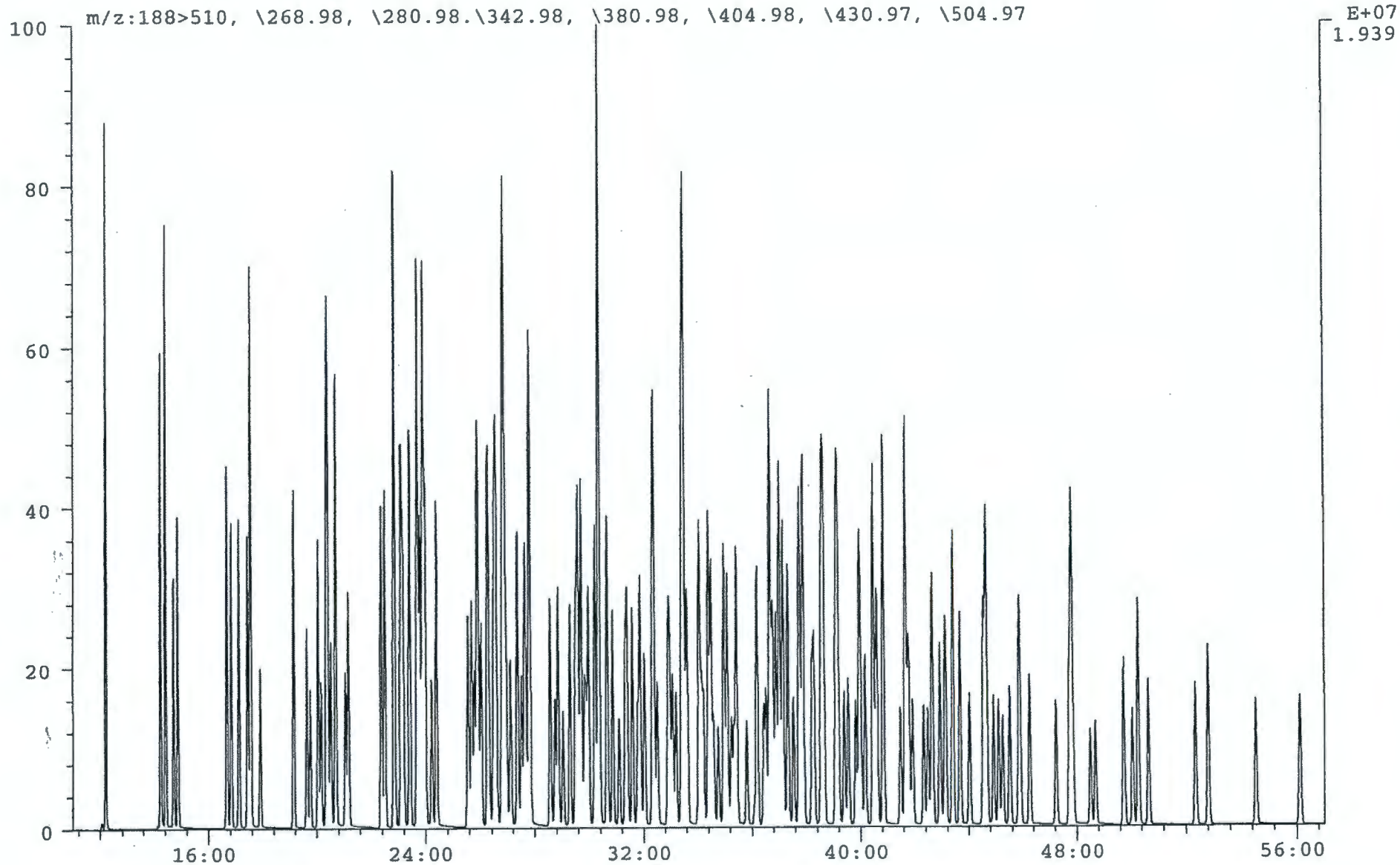
Scantype is electric
Sourcemode is EI POS

Analysis started at: 13-Mar-07 22:19:51.4

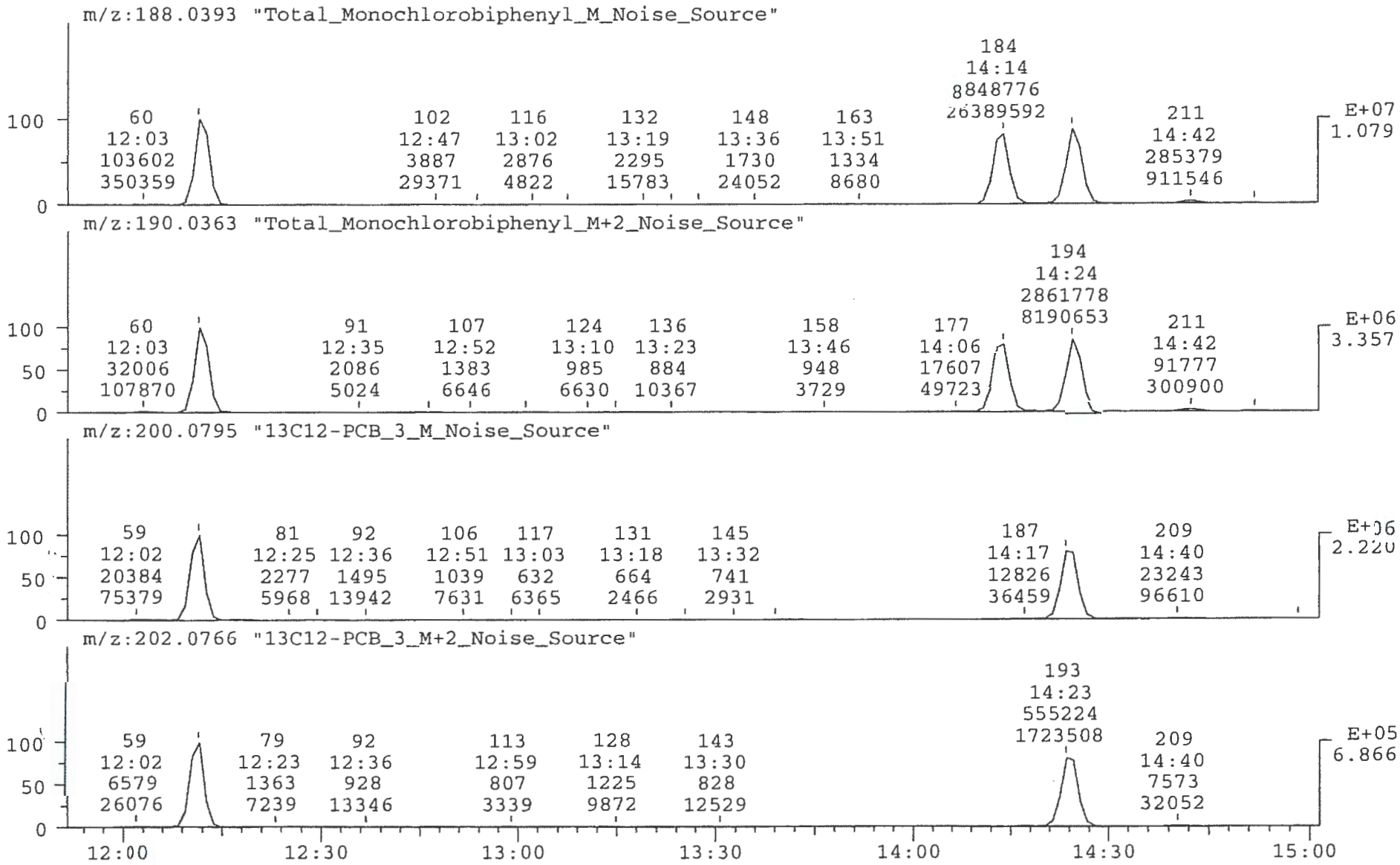
Autosampler has injected sample from vial 6
MID Time Window 1: Resolution is 6959
MID Time Window 2: Resolution is 7911
MID Time Window 3: Resolution is 9024
MID Time Window 4: Resolution is 12655
Analysis stopped at: 13-Mar-07 23:16:55.0 (run time 57.04 minutes)
Analysis stopped because MID run finished

CHRO: a07031314 13-Mar-07 Elapse: 56:11 2556
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
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

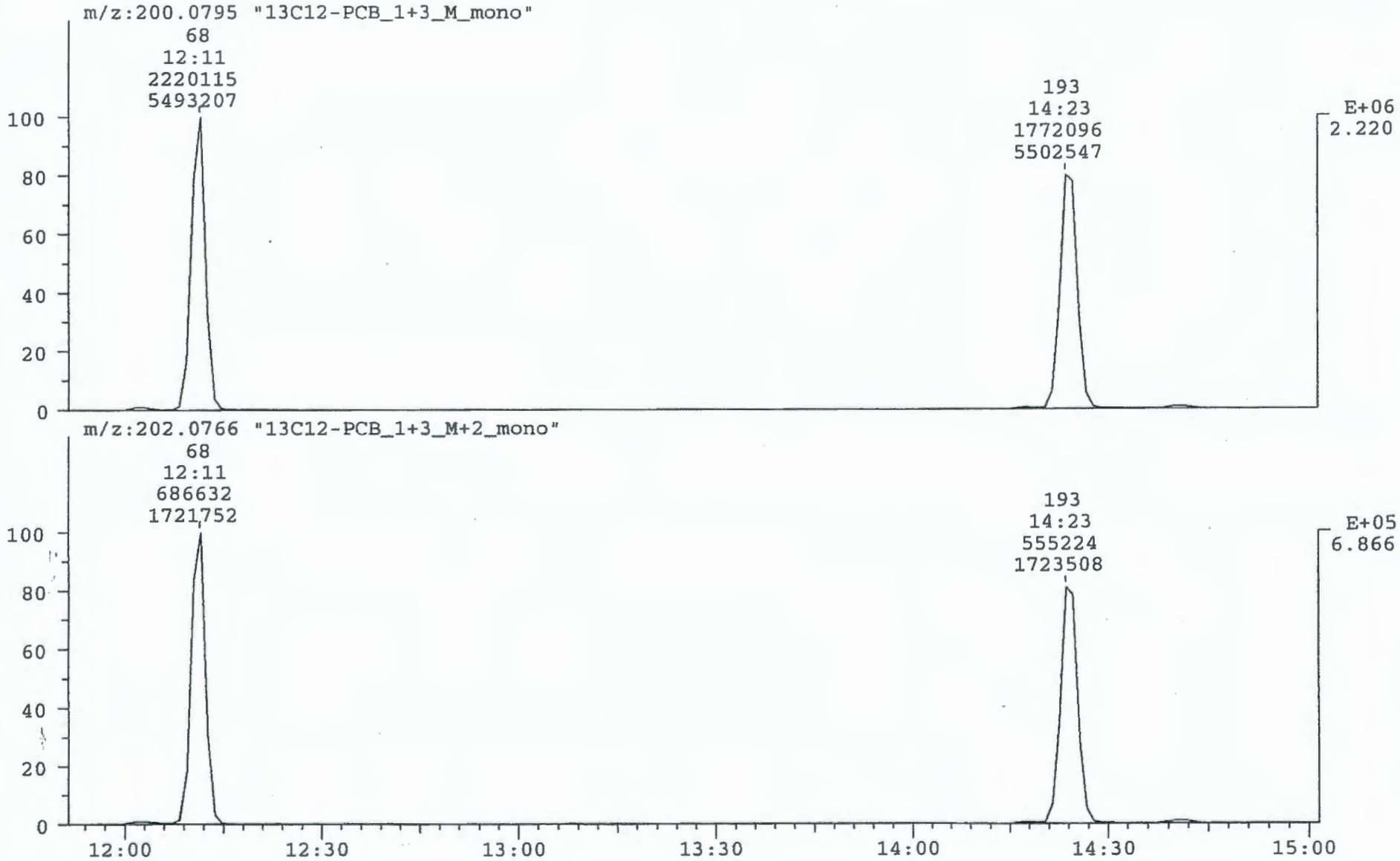
Int DCG 3-14-07
Calc DCG 3-16-07
QC BTW 3/16/07



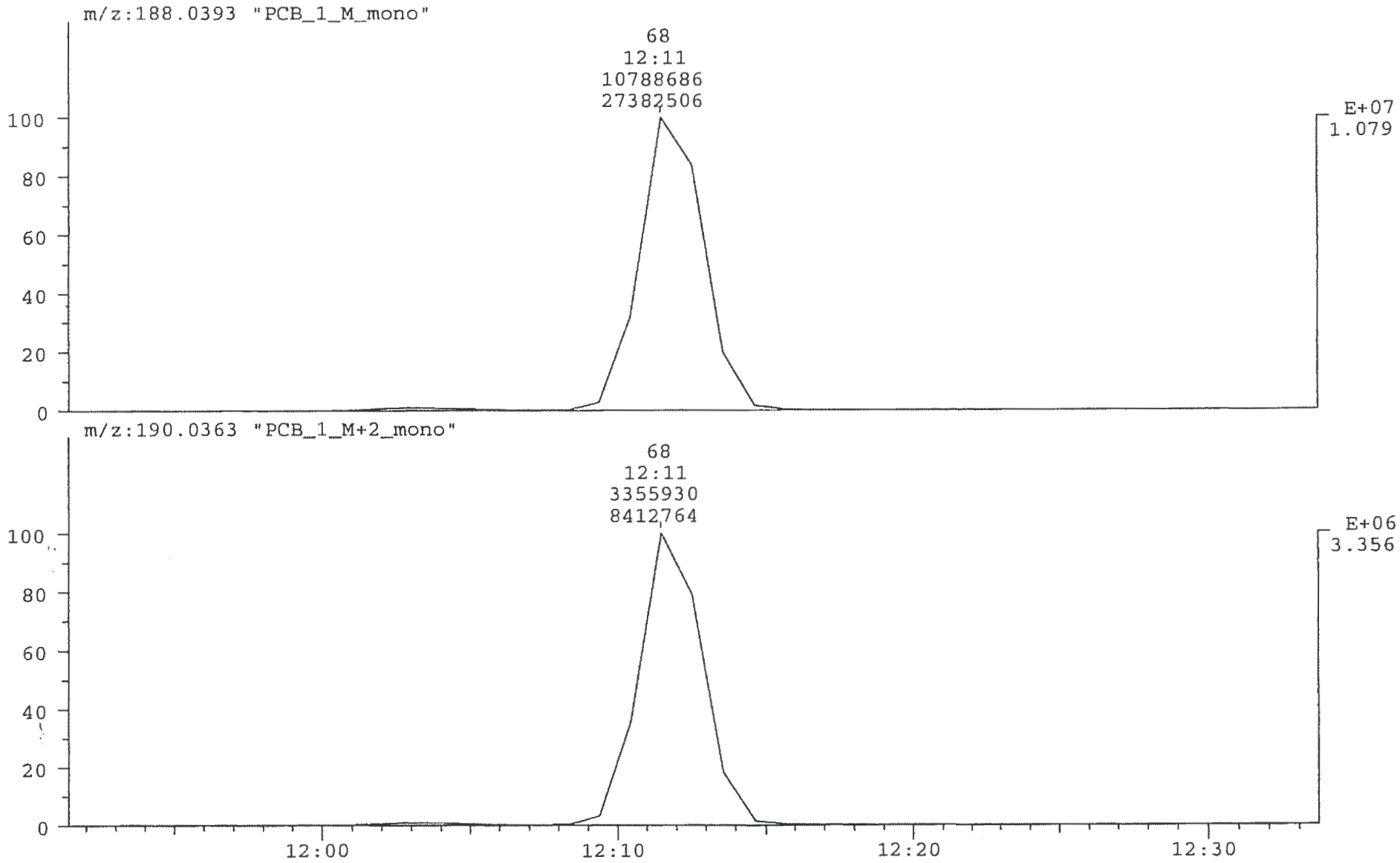
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  13:26.5      139
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



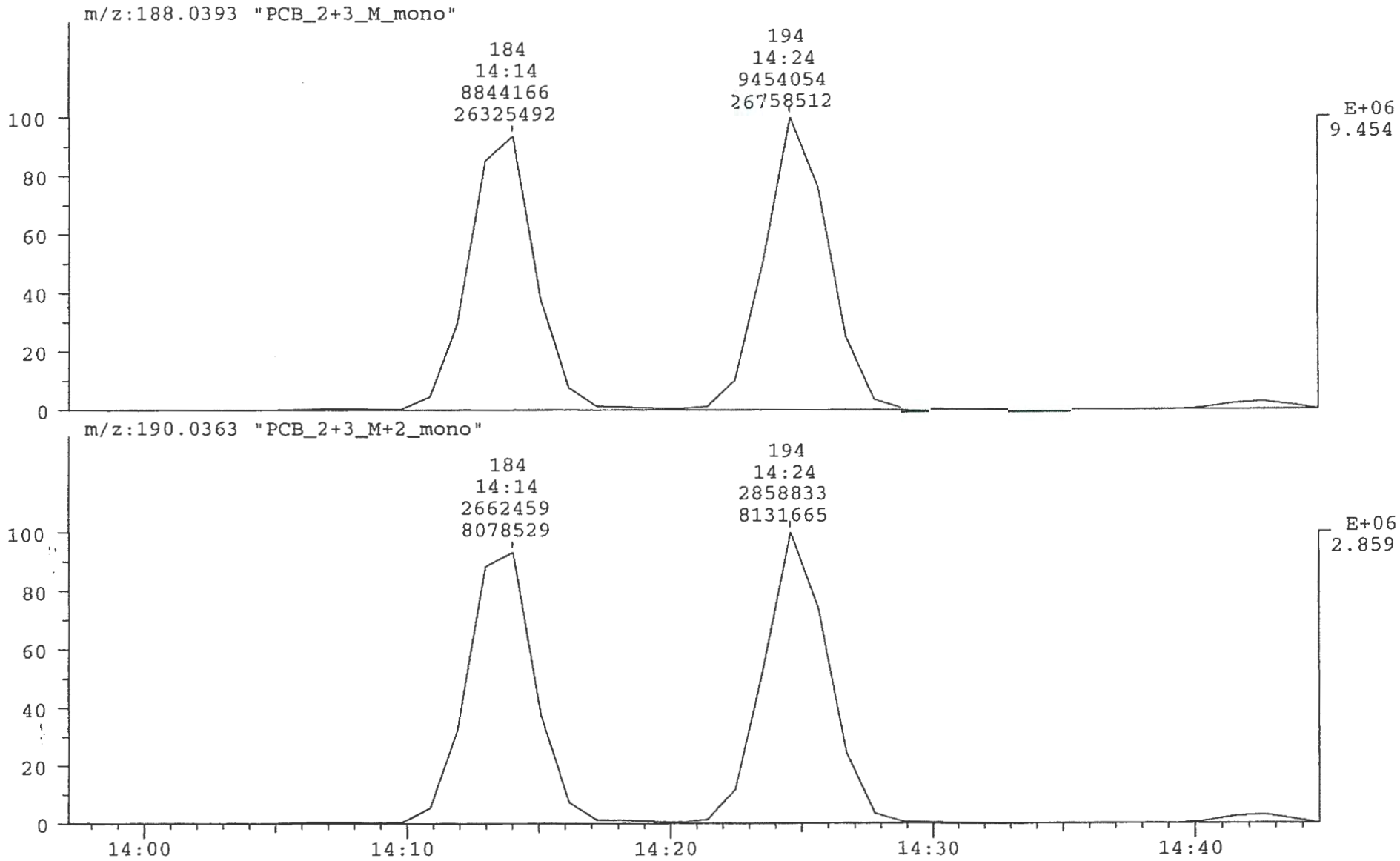
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  13:26.5      139
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



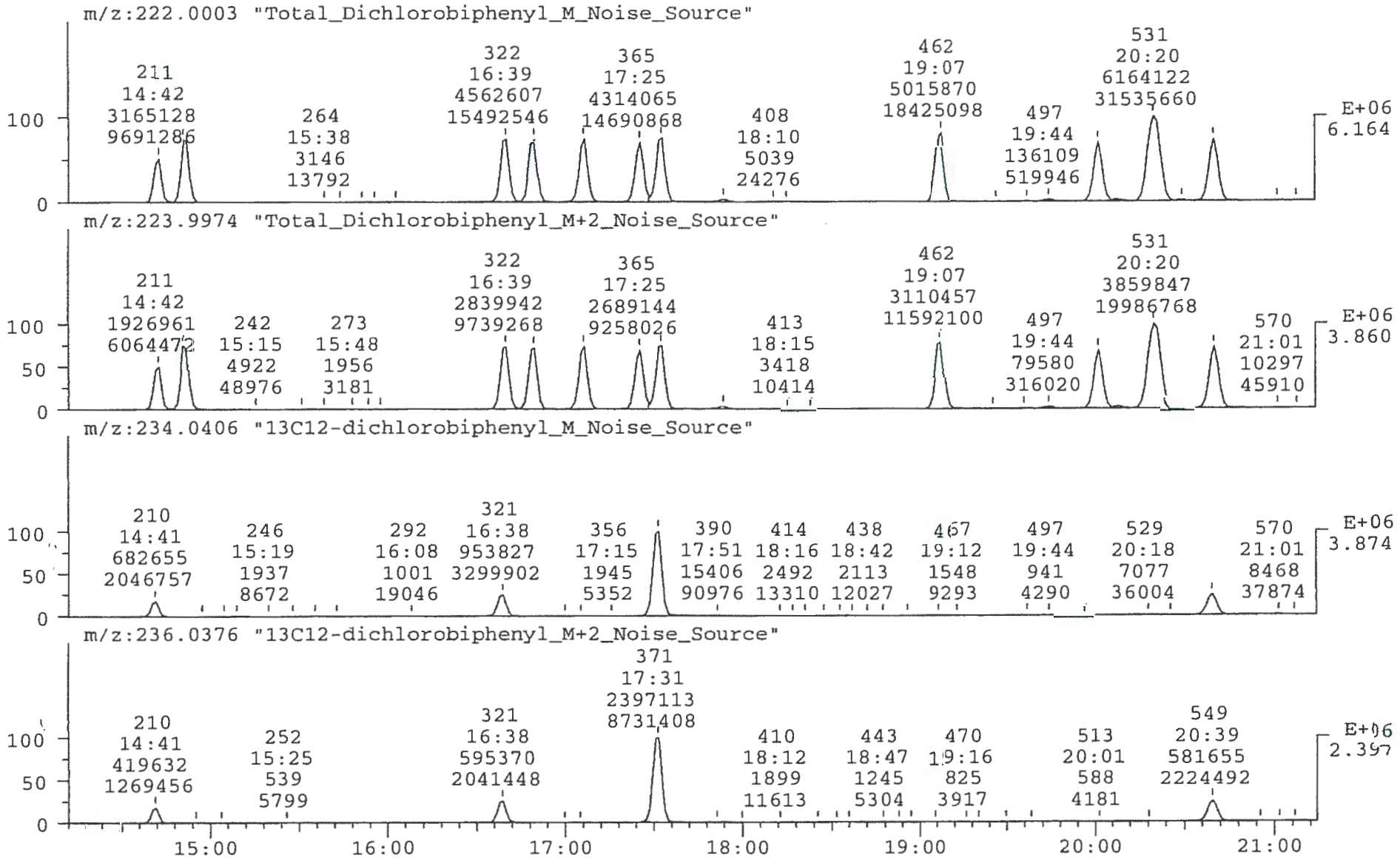
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  12:12.5      69
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



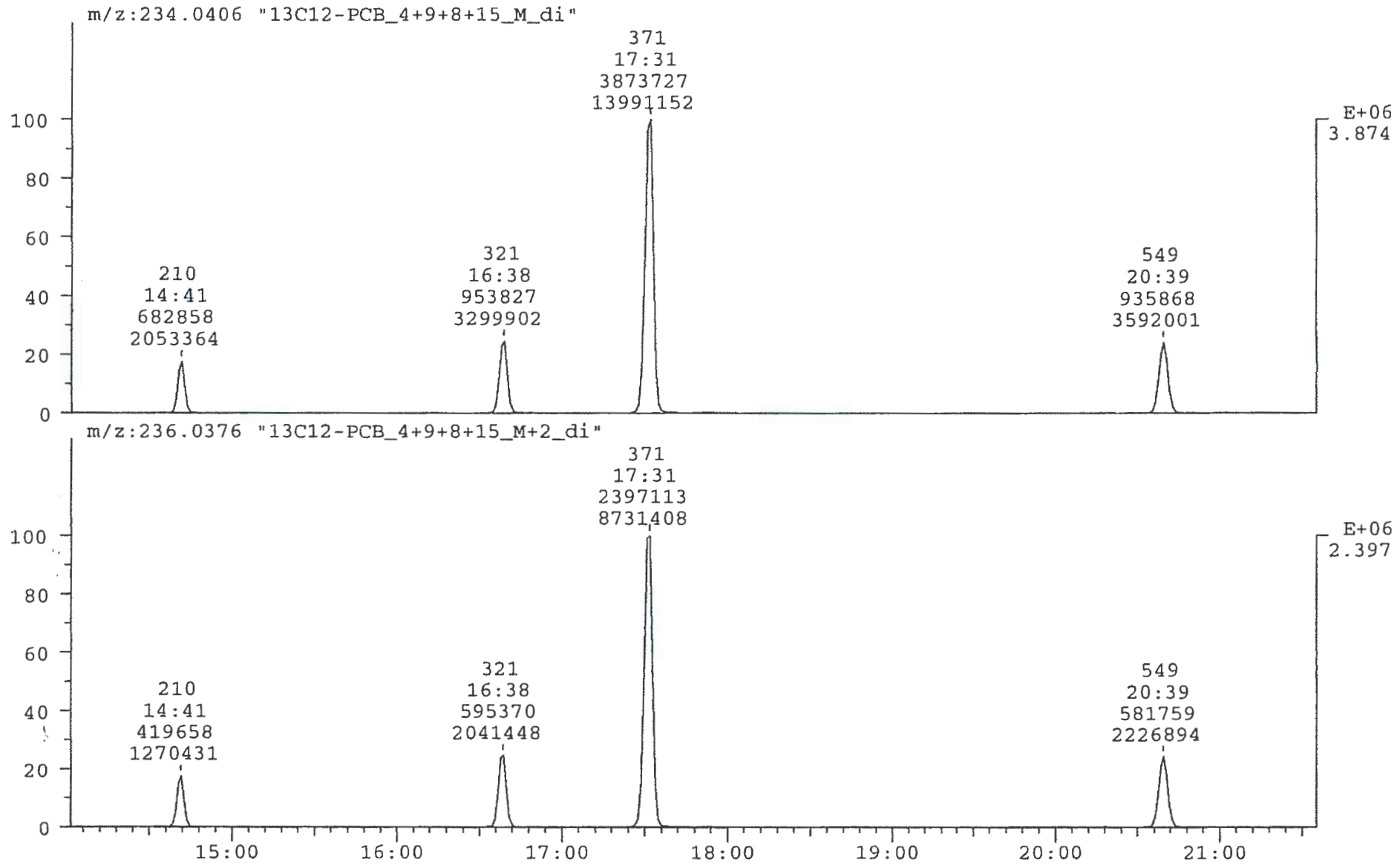
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  14:23.5      193
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



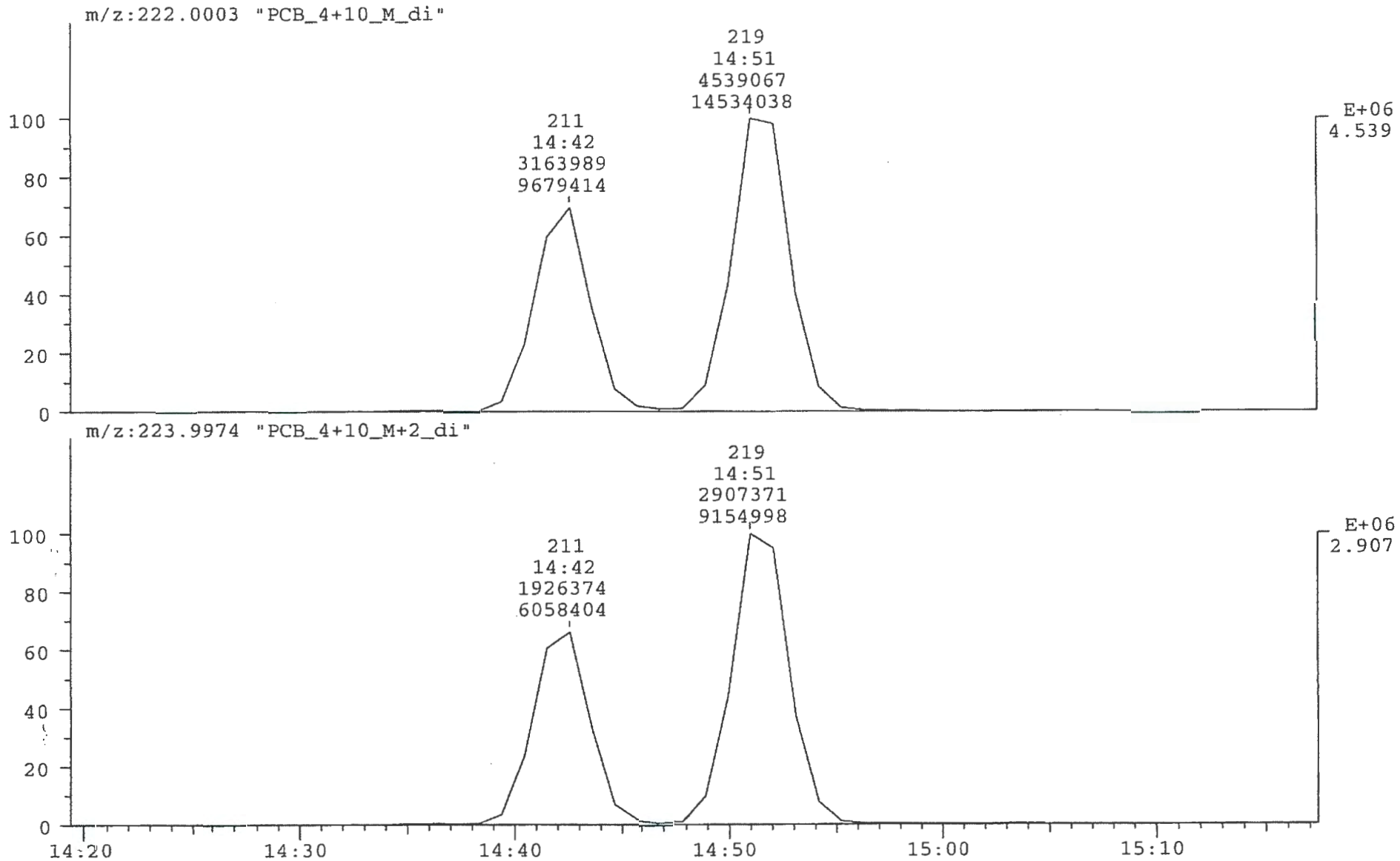
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  17:43.1      382
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



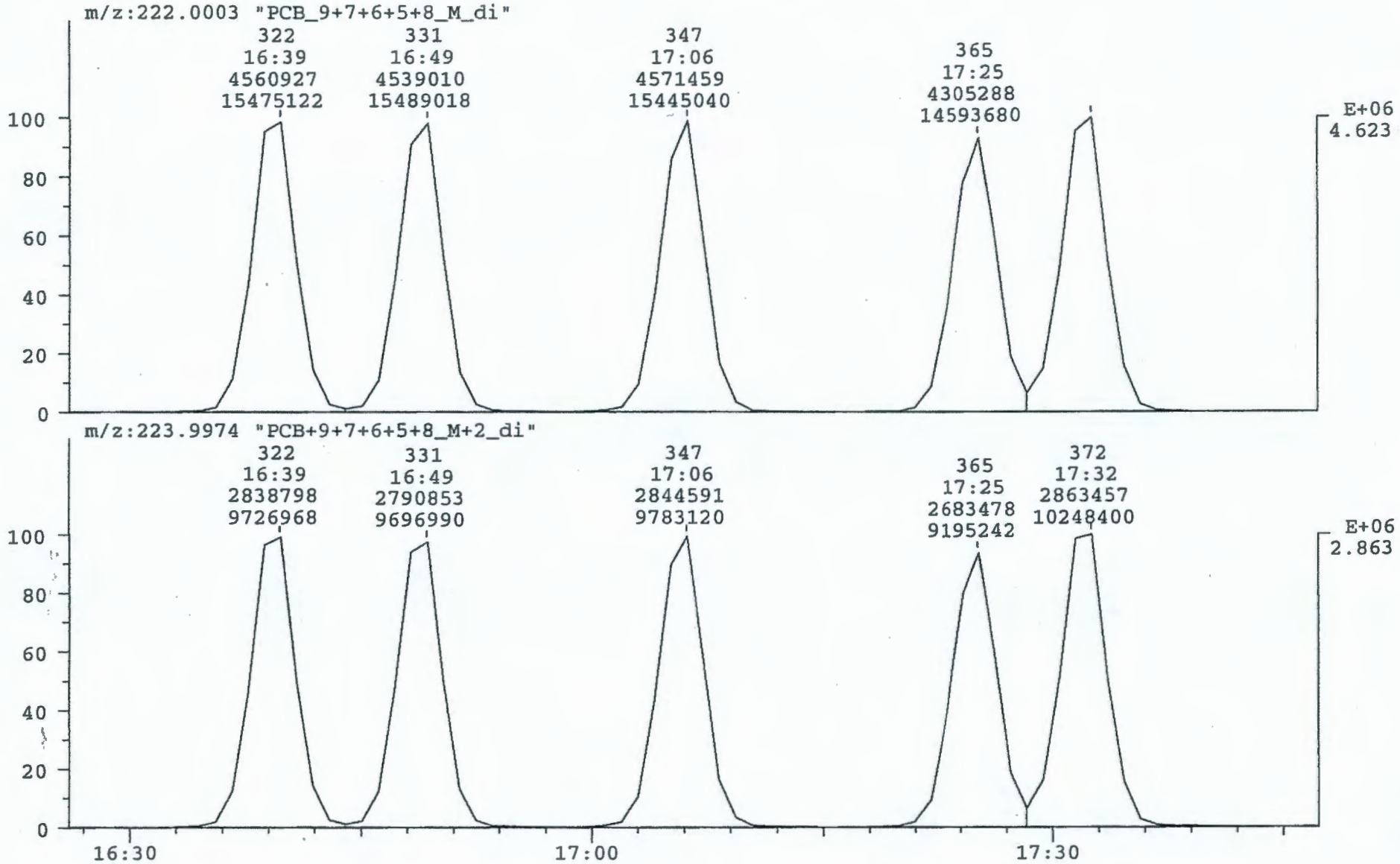
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  17:43.1      382
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



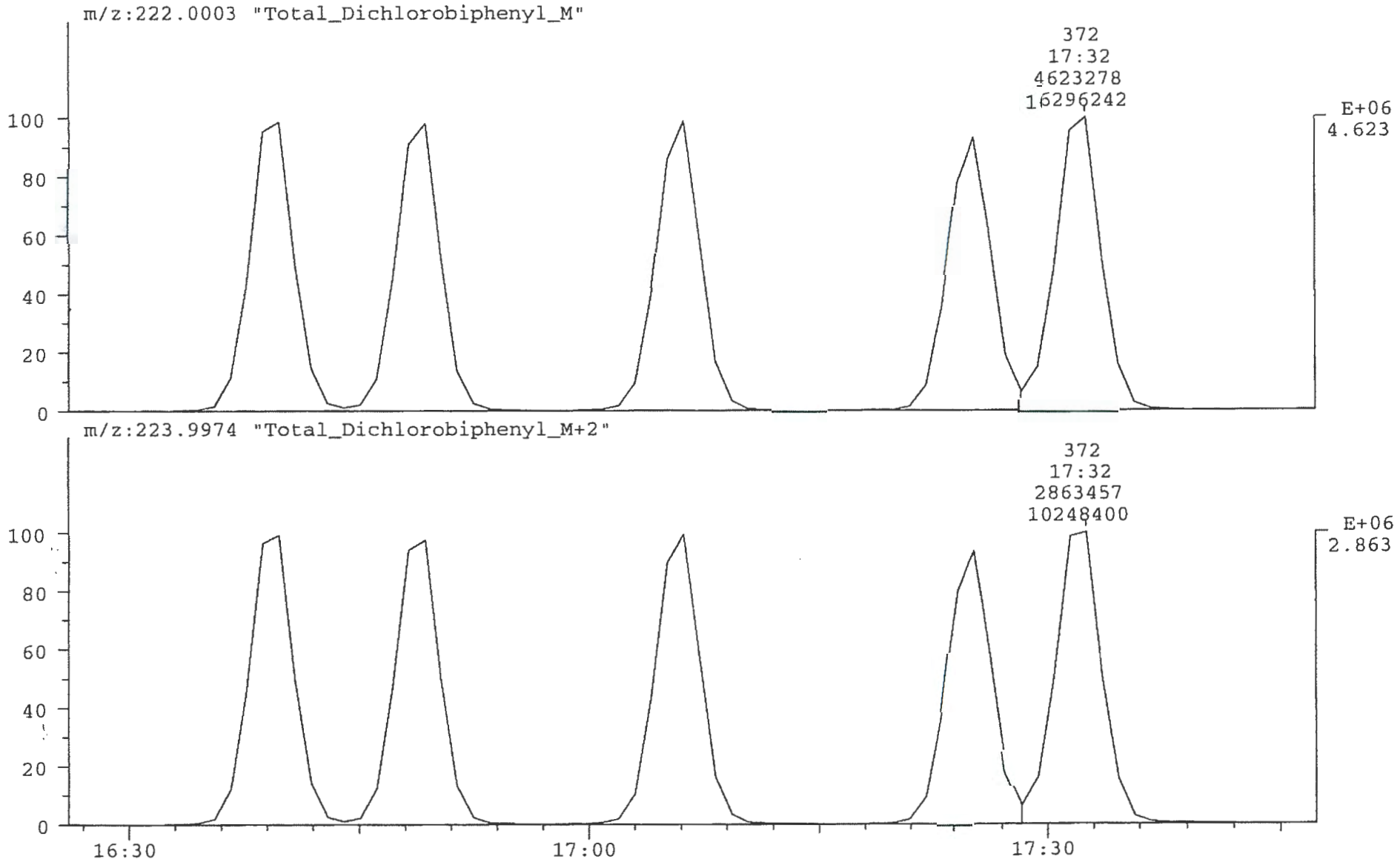
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  14:51.9      219
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



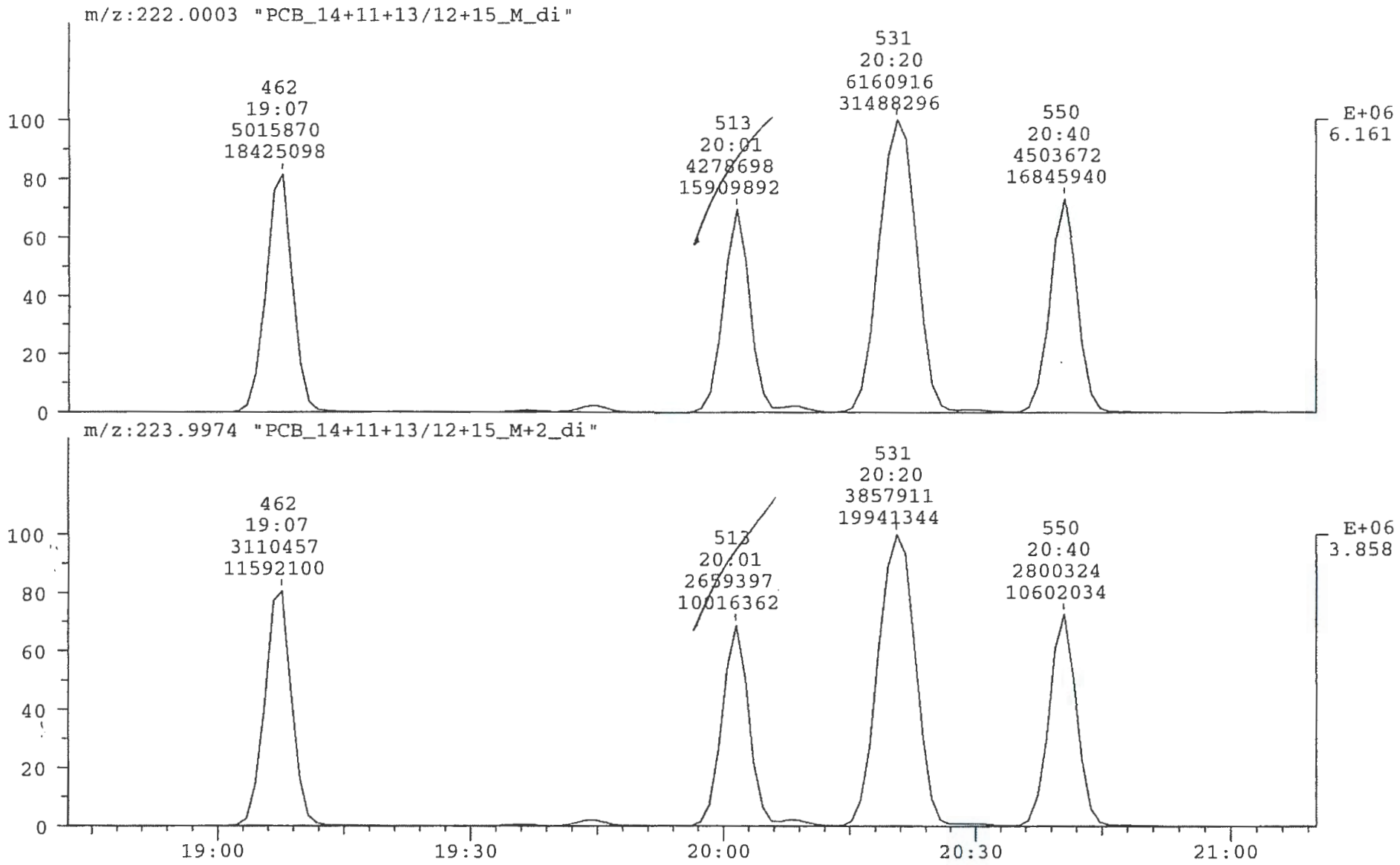
CHRO: a070313i4 13-Mar-07 Elapse: 17:10.3 351
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 309 > 386 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



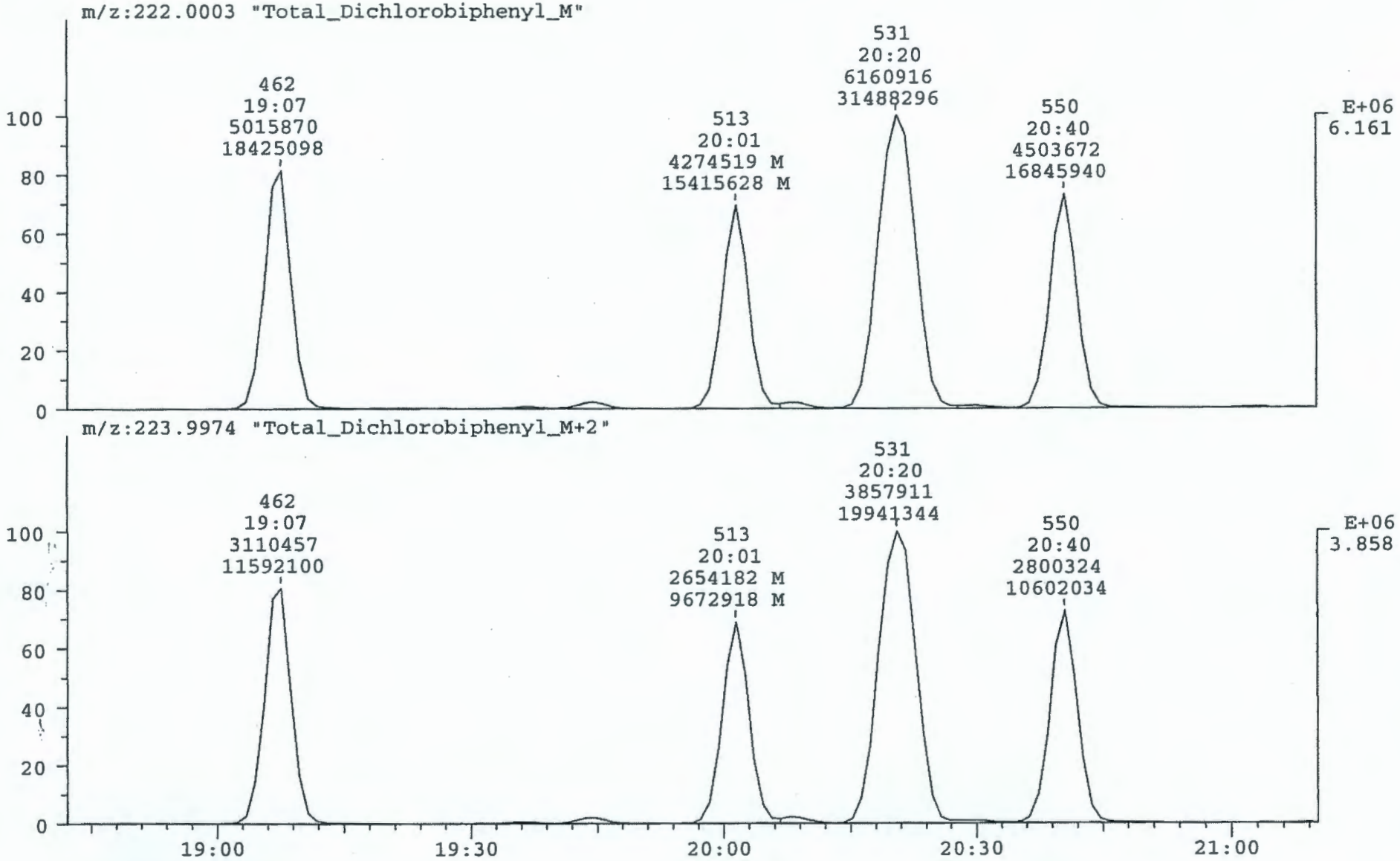
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  17:32.5      372
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   7
Peak:  100.00  ppm      Label wndw:   369 > 375             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



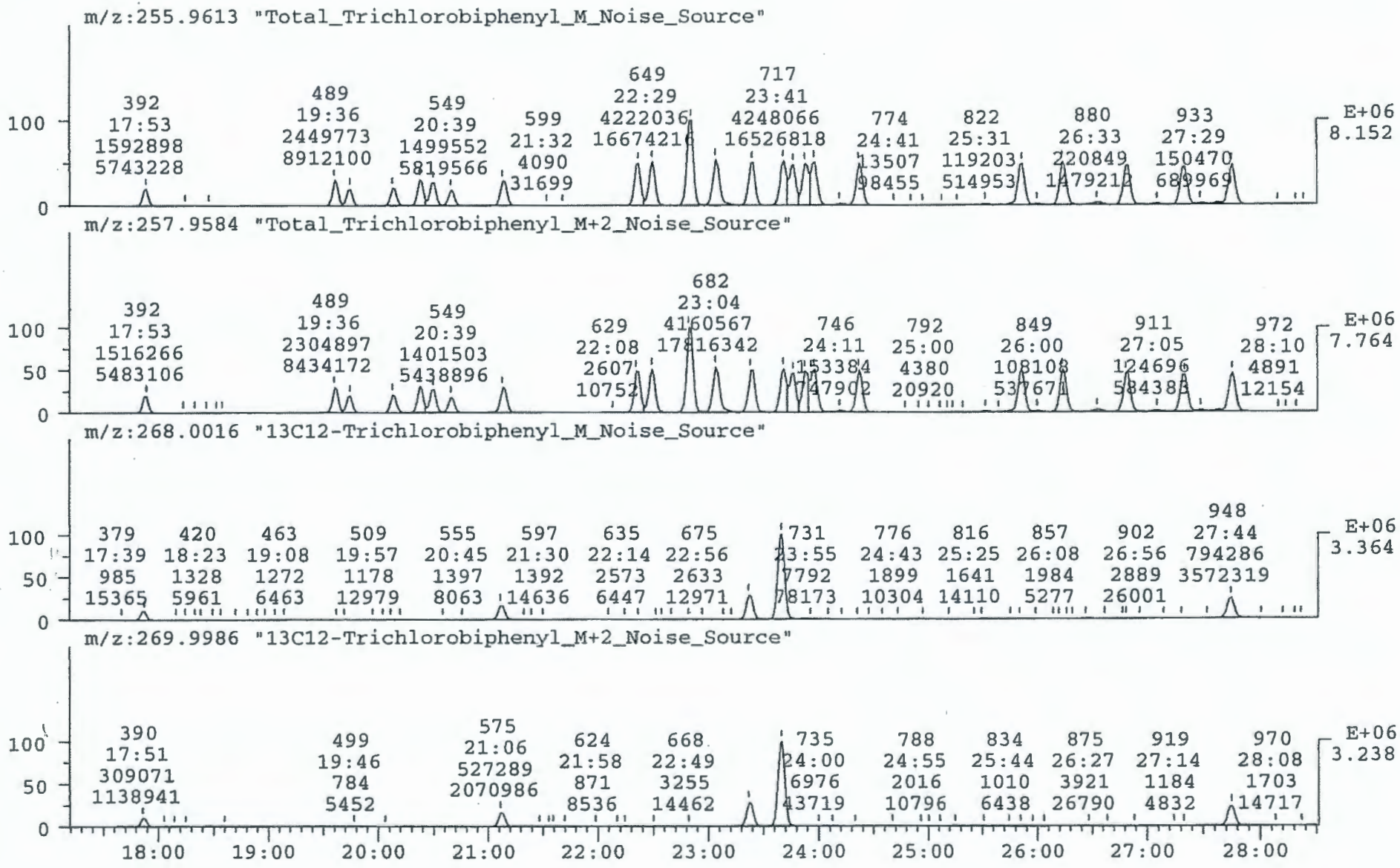
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  19:56.1      508
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



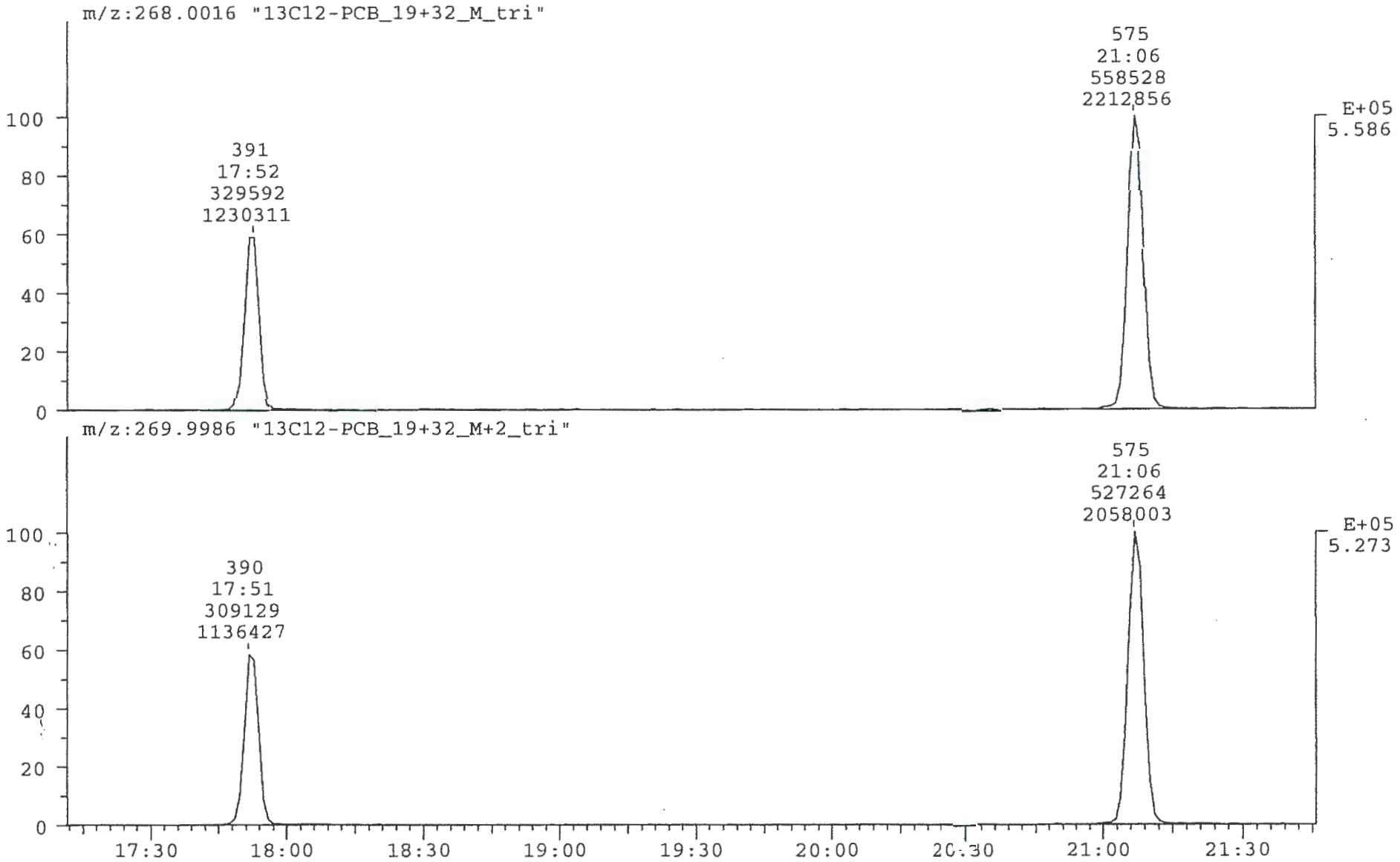
CHRO: a070313i4 13-Mar-07 Elapse: 56:11 2556
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 438 > 578 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



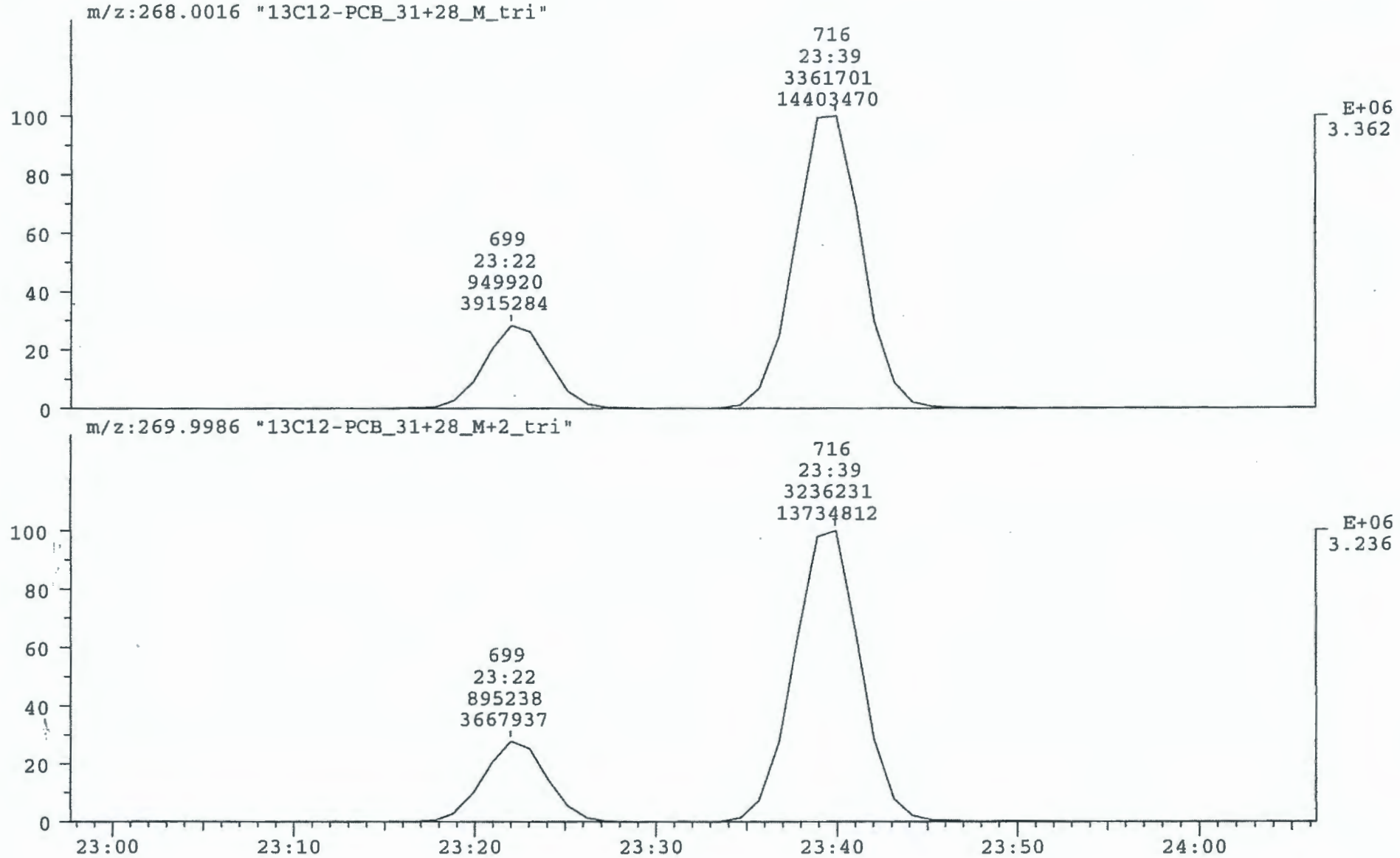
CHRO: a070313i4 13-Mar-07 Elapse: 22:53.4 672
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 352 > 992 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



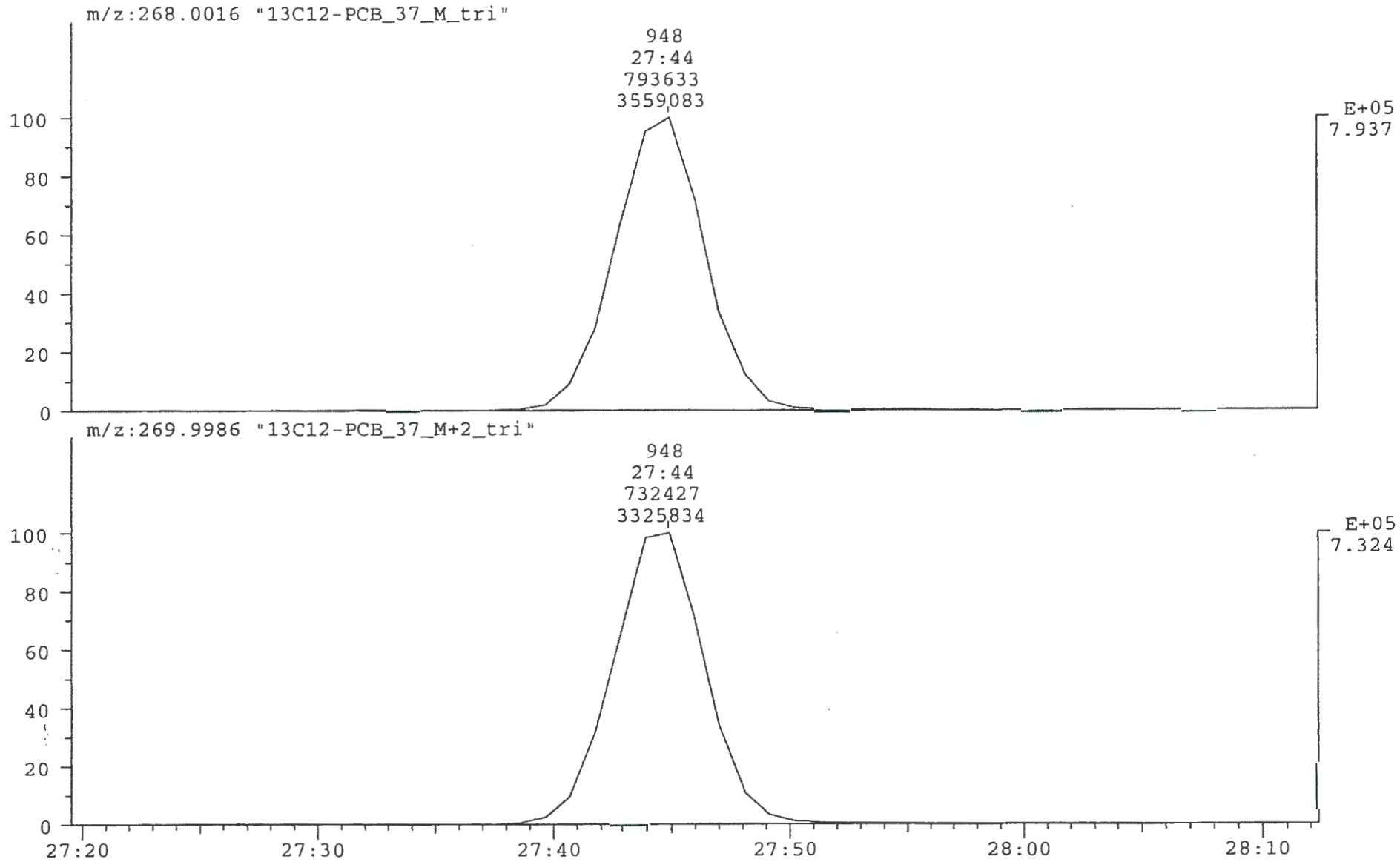
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  19:18.1      472
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Di1=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



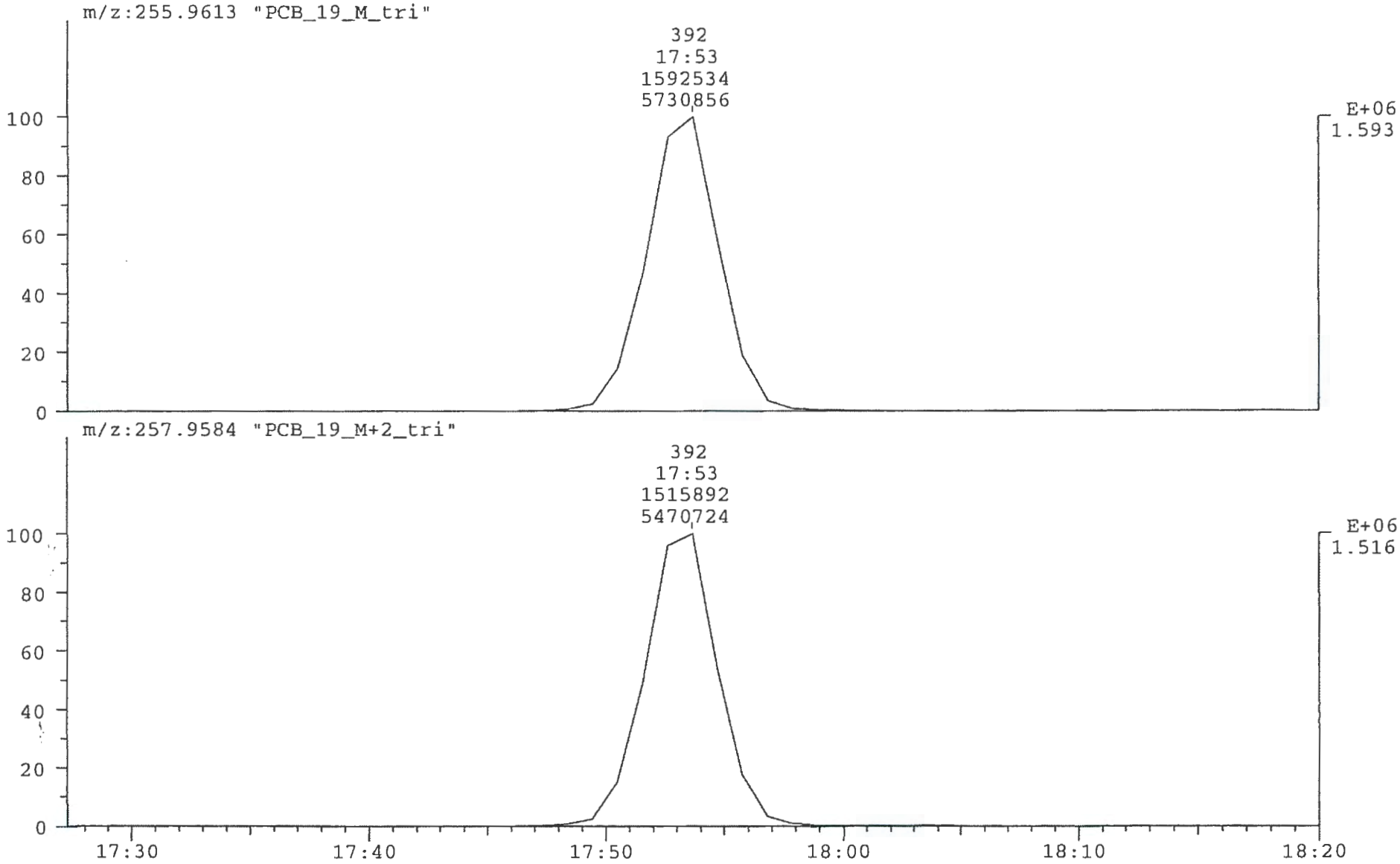
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  23:24.1      701
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   676 > 741             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



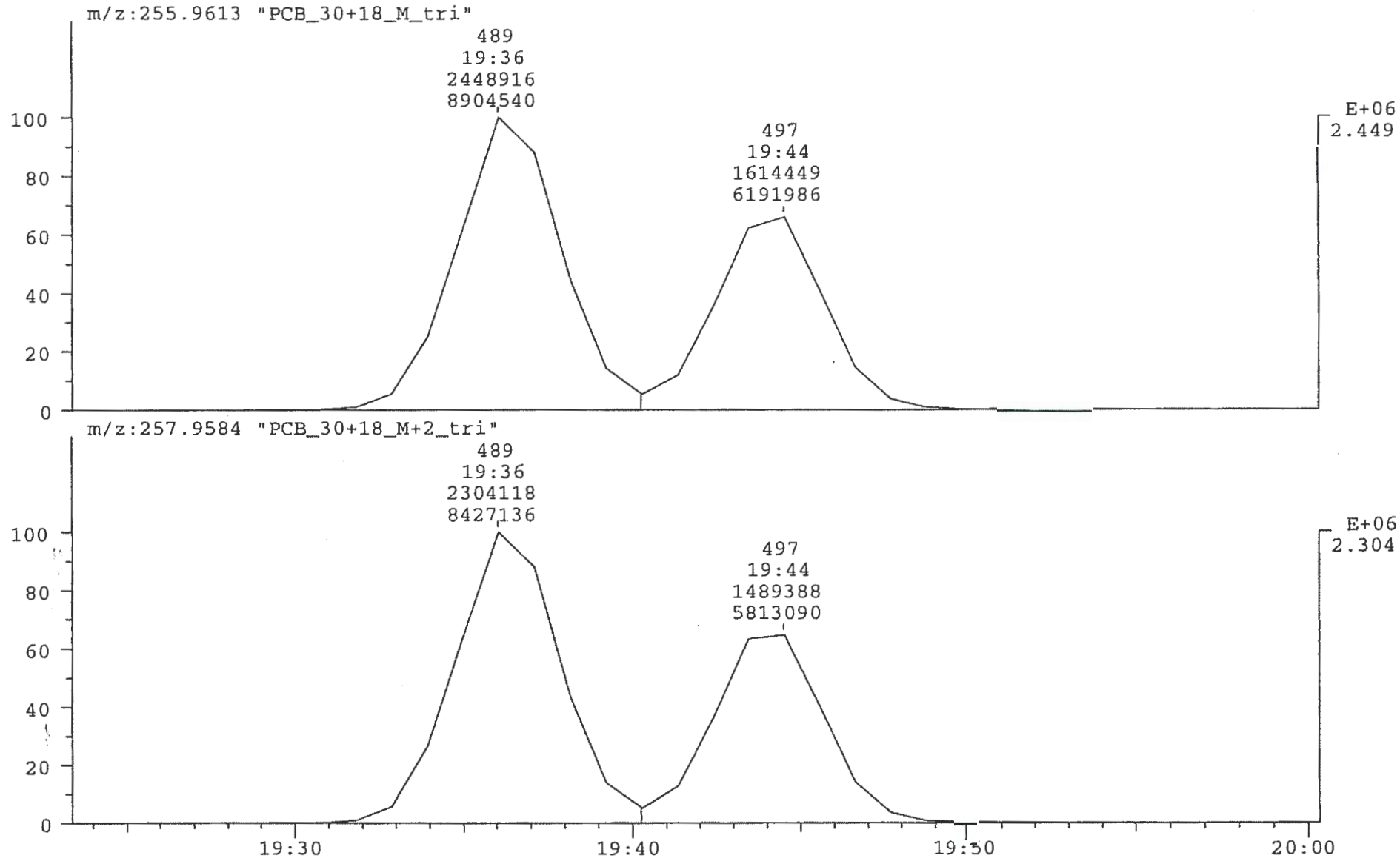
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  27:46.9      949
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   924 > 974             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



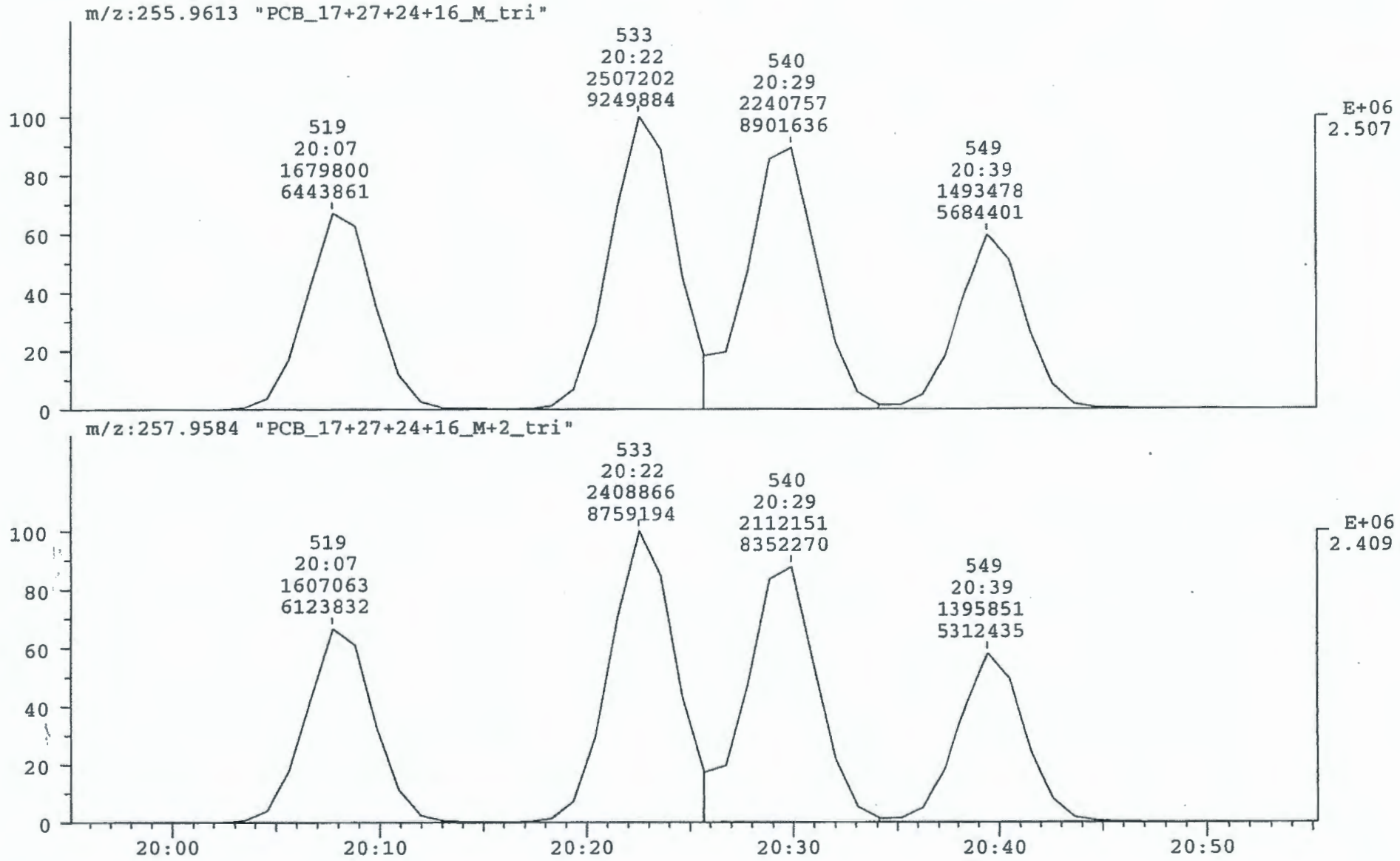
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  17:53.6      392
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



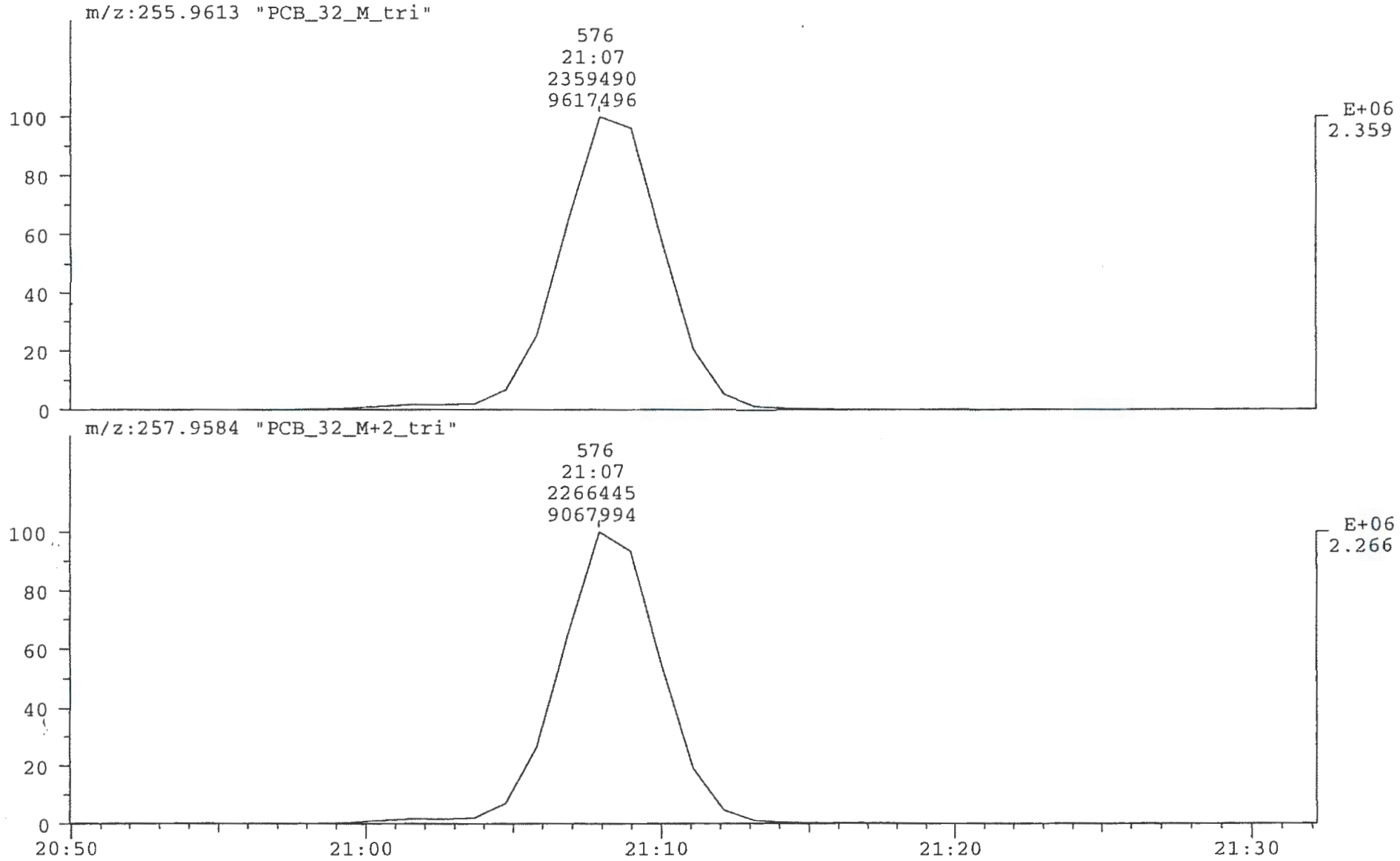
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



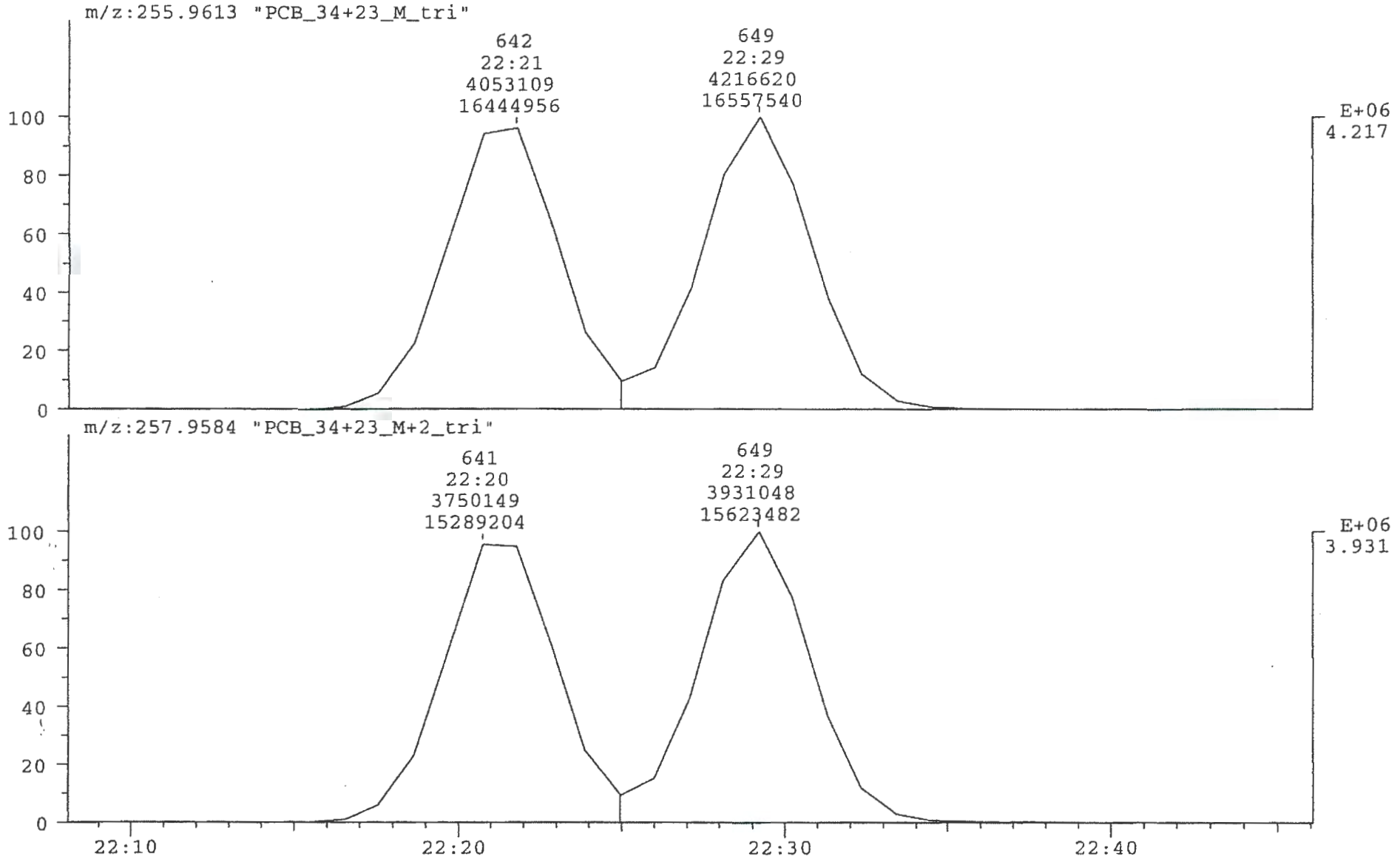
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  20:26.7      537
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   507 > 564             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



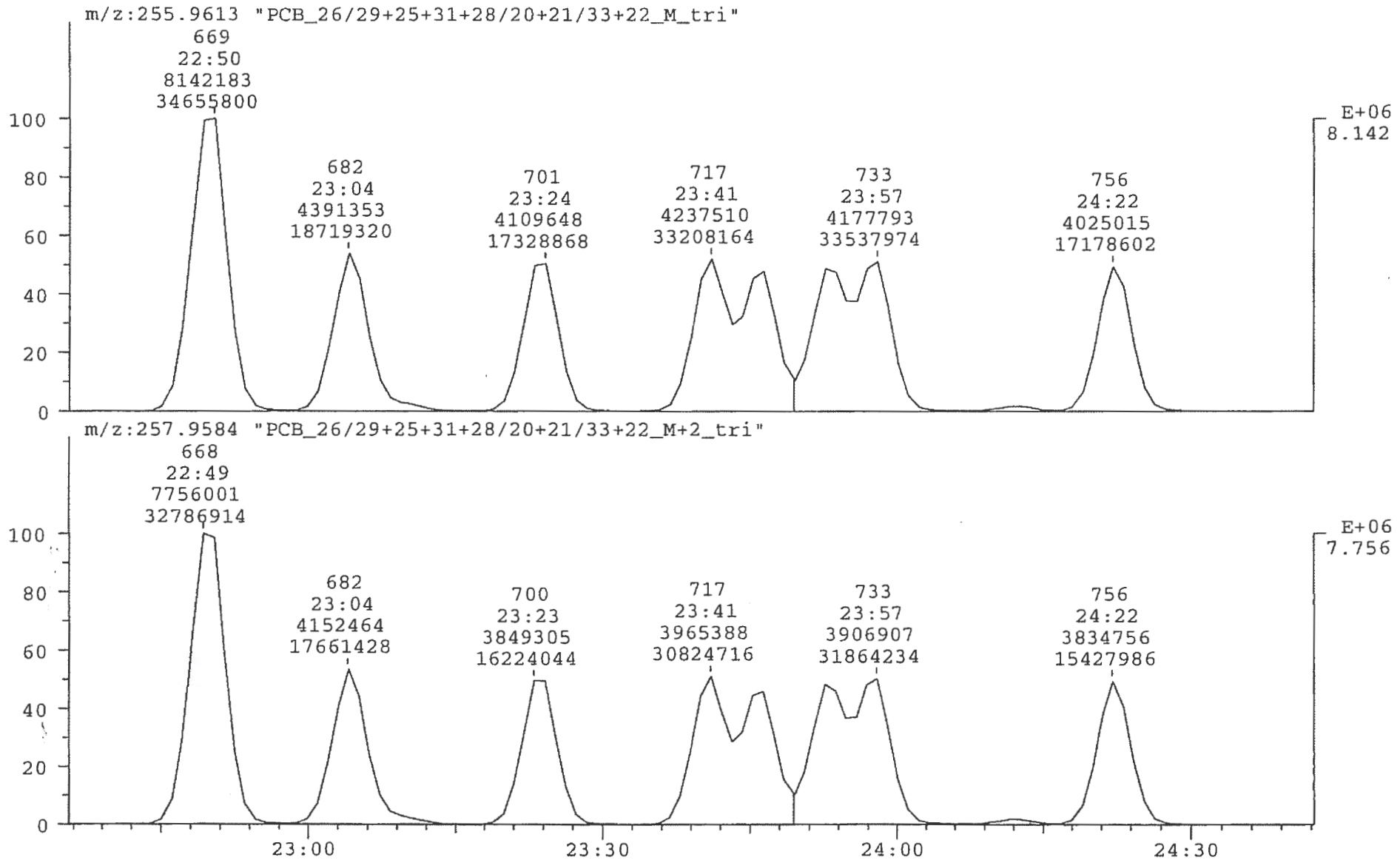
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  21:11.0      579
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



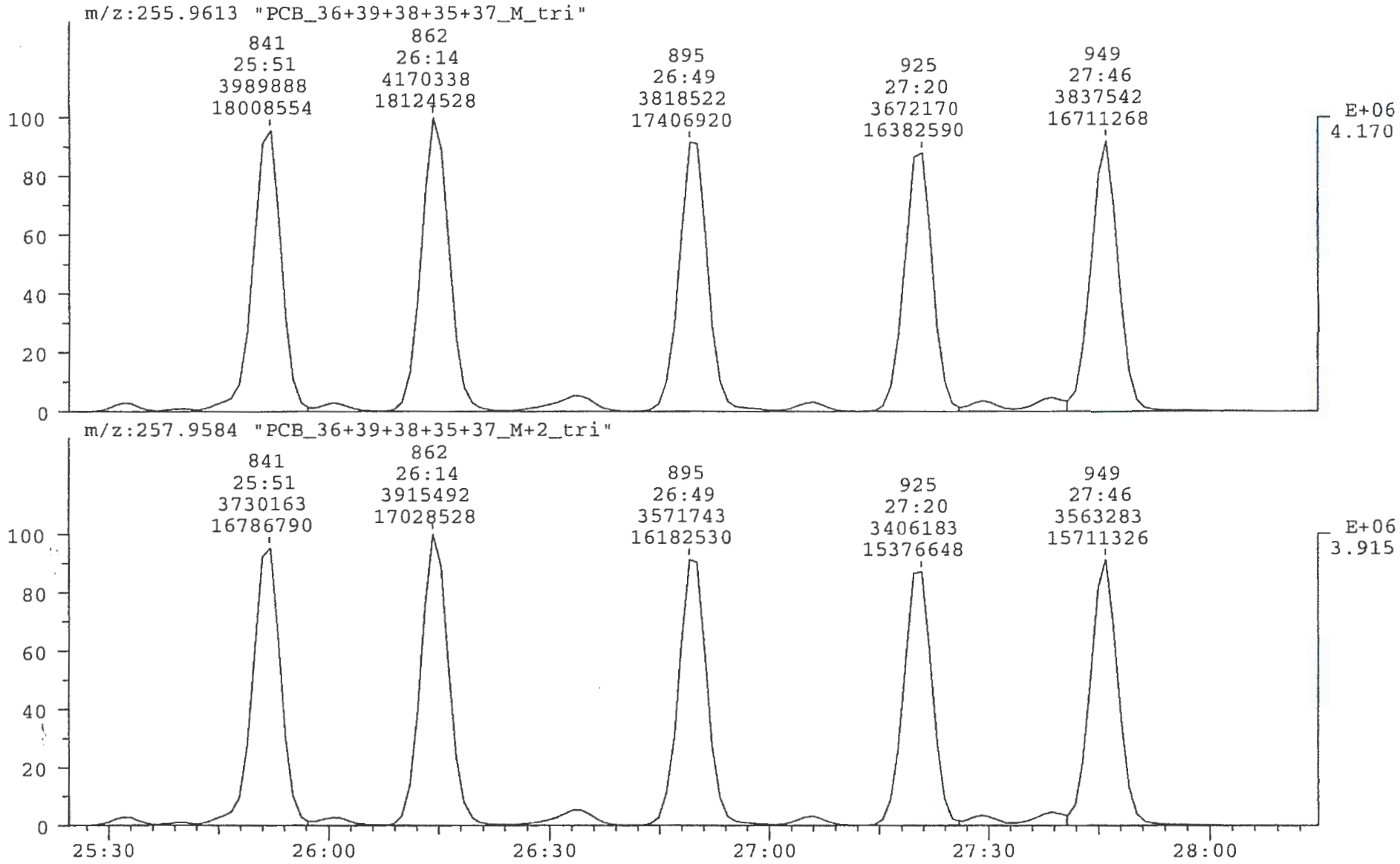
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  22:23.8      644
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   629 > 665             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



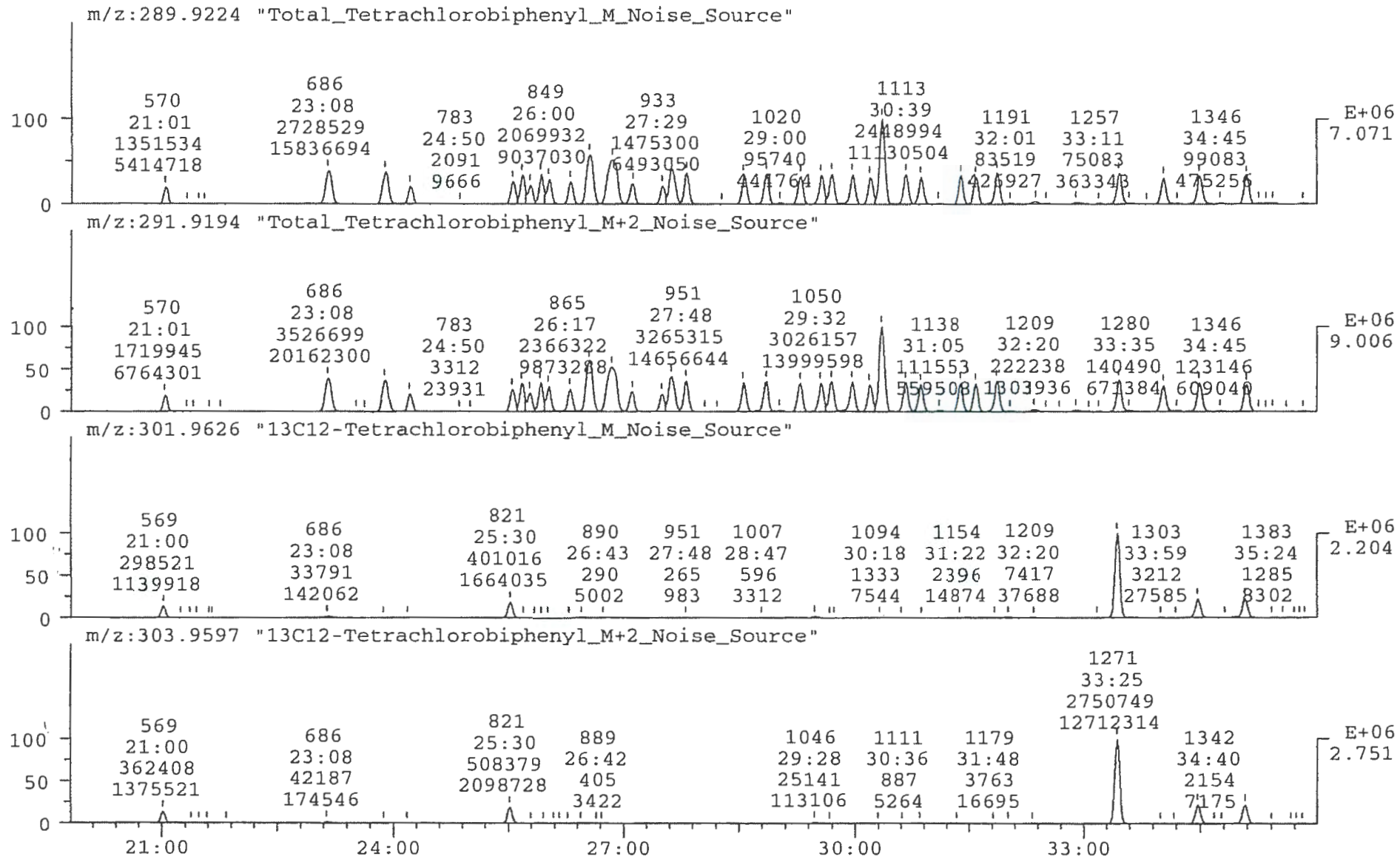
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  23:54.7      730
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   655 > 775             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



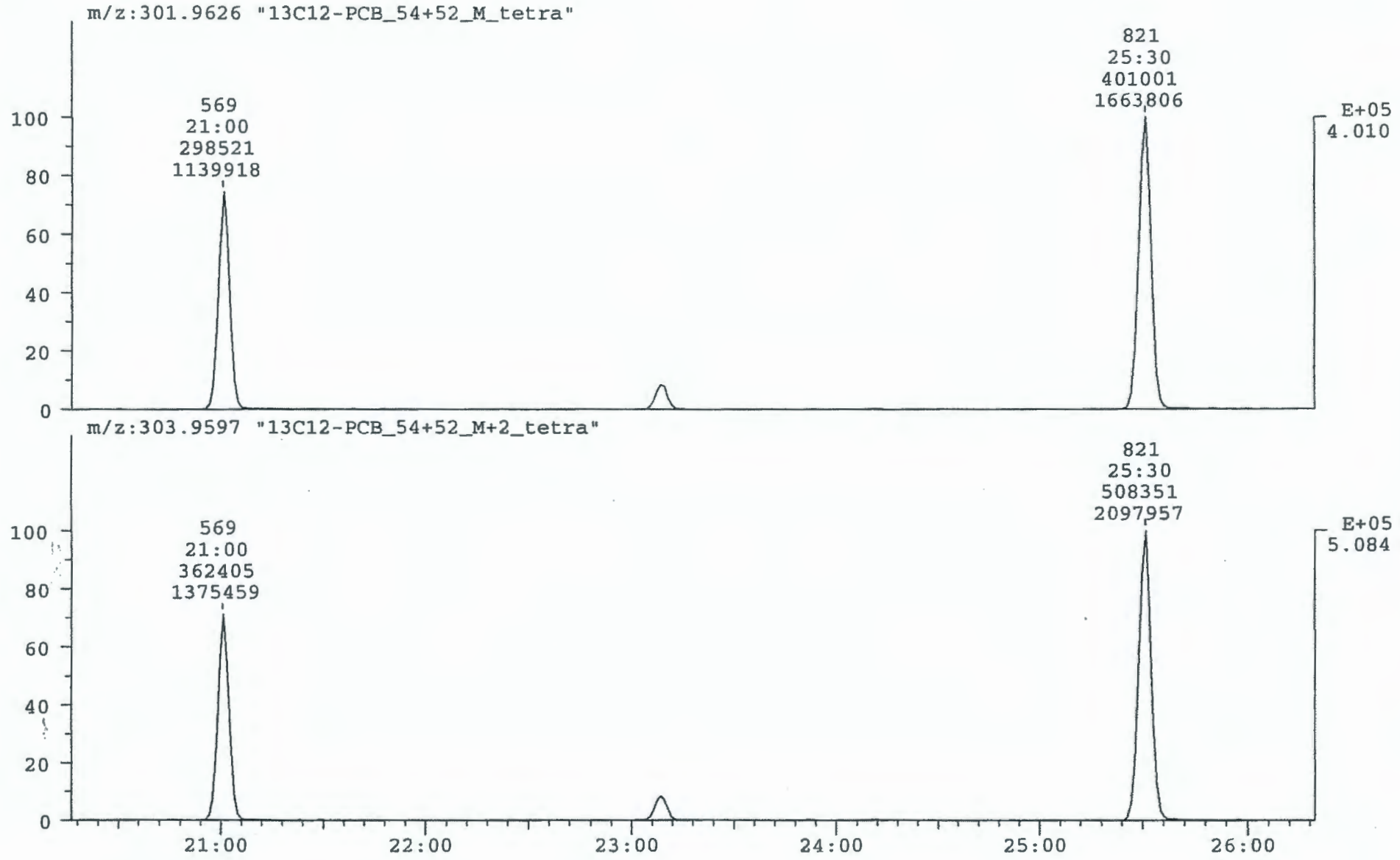
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  26:54.2      900
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   815 > 976             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



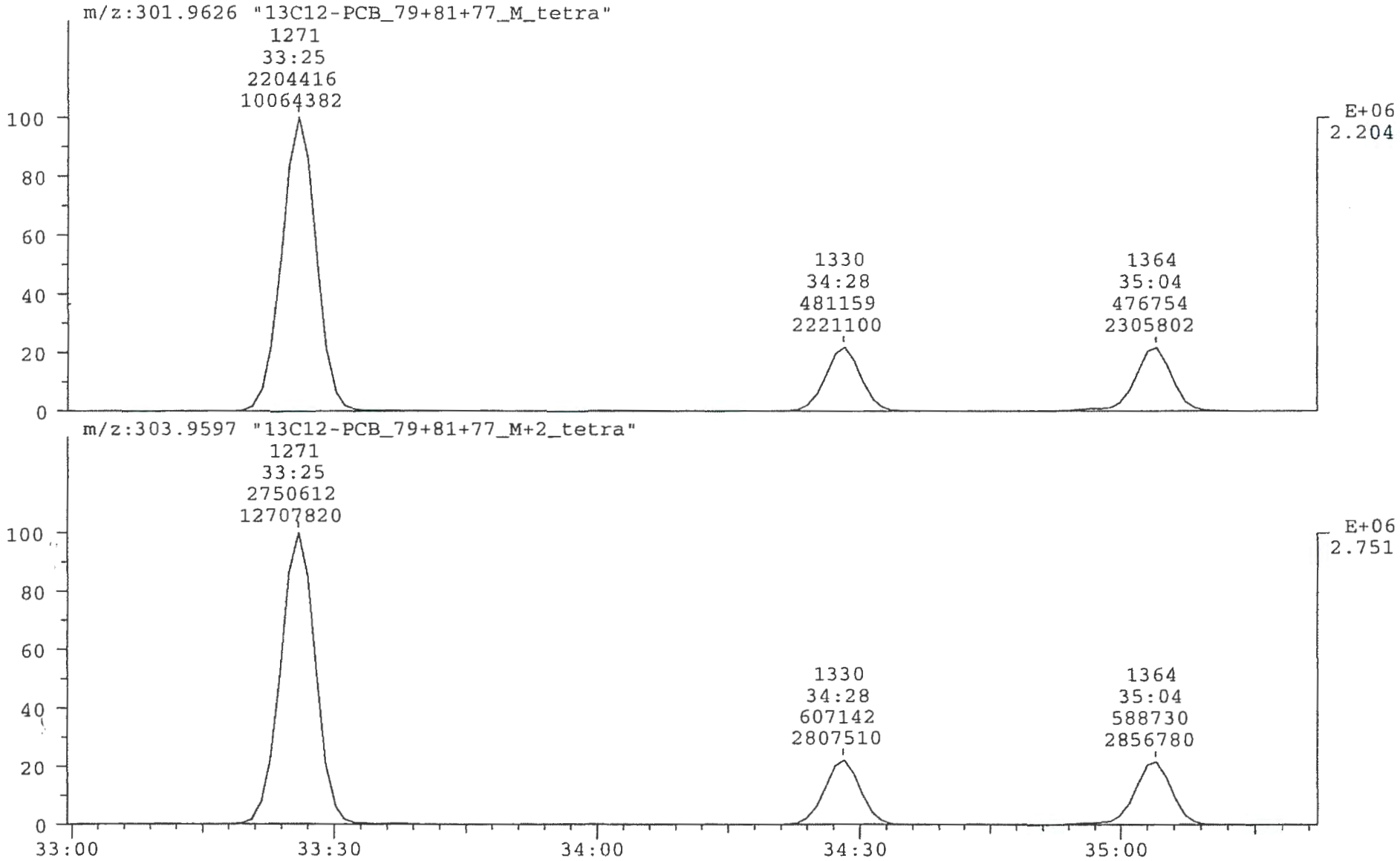
CHRO: a070313i4 13-Mar-07 Elapse: 27:53.3 956
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 500 > 1416 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



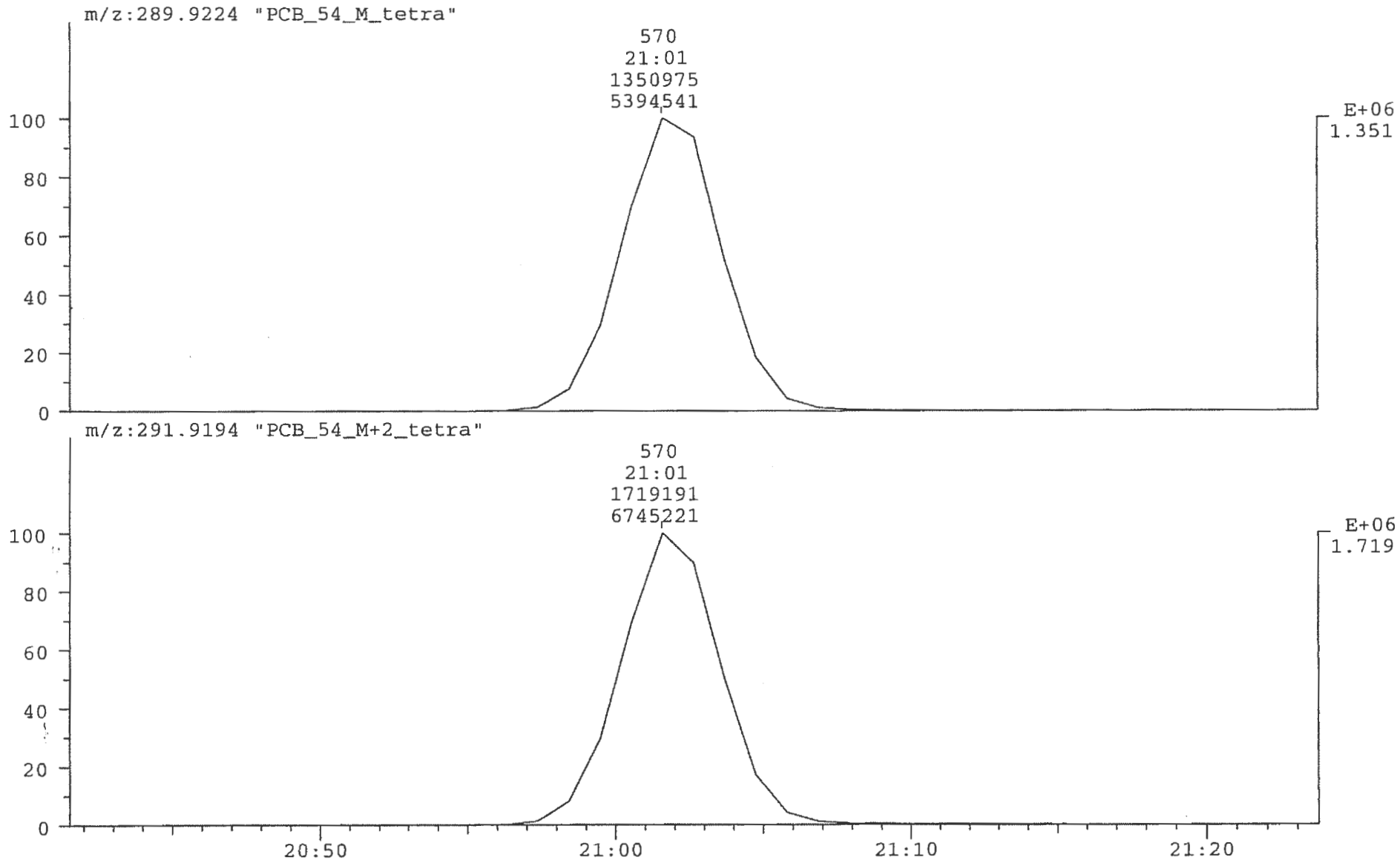
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  23:19.8      697
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



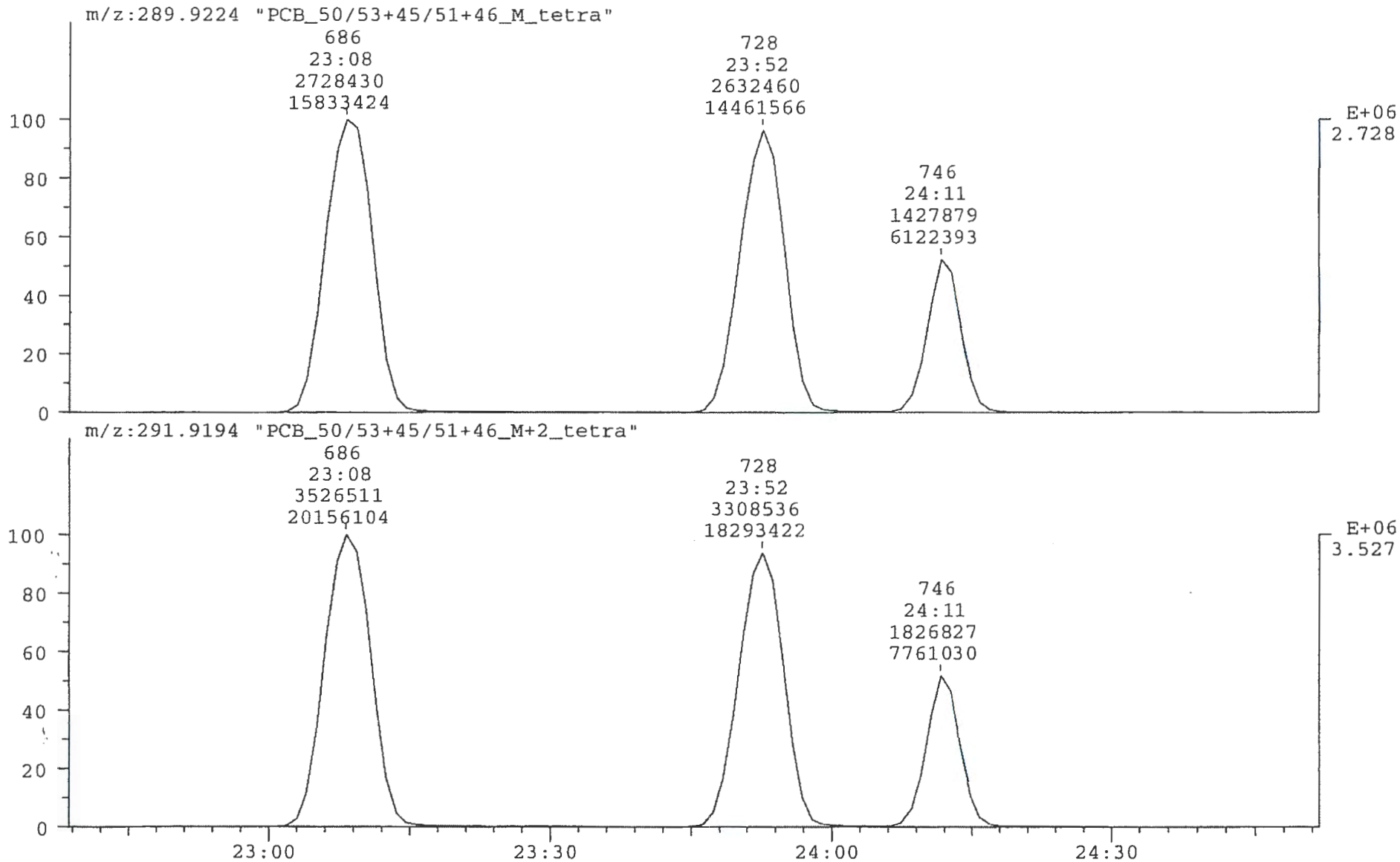
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  34:13      1316
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1246 > 1381           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



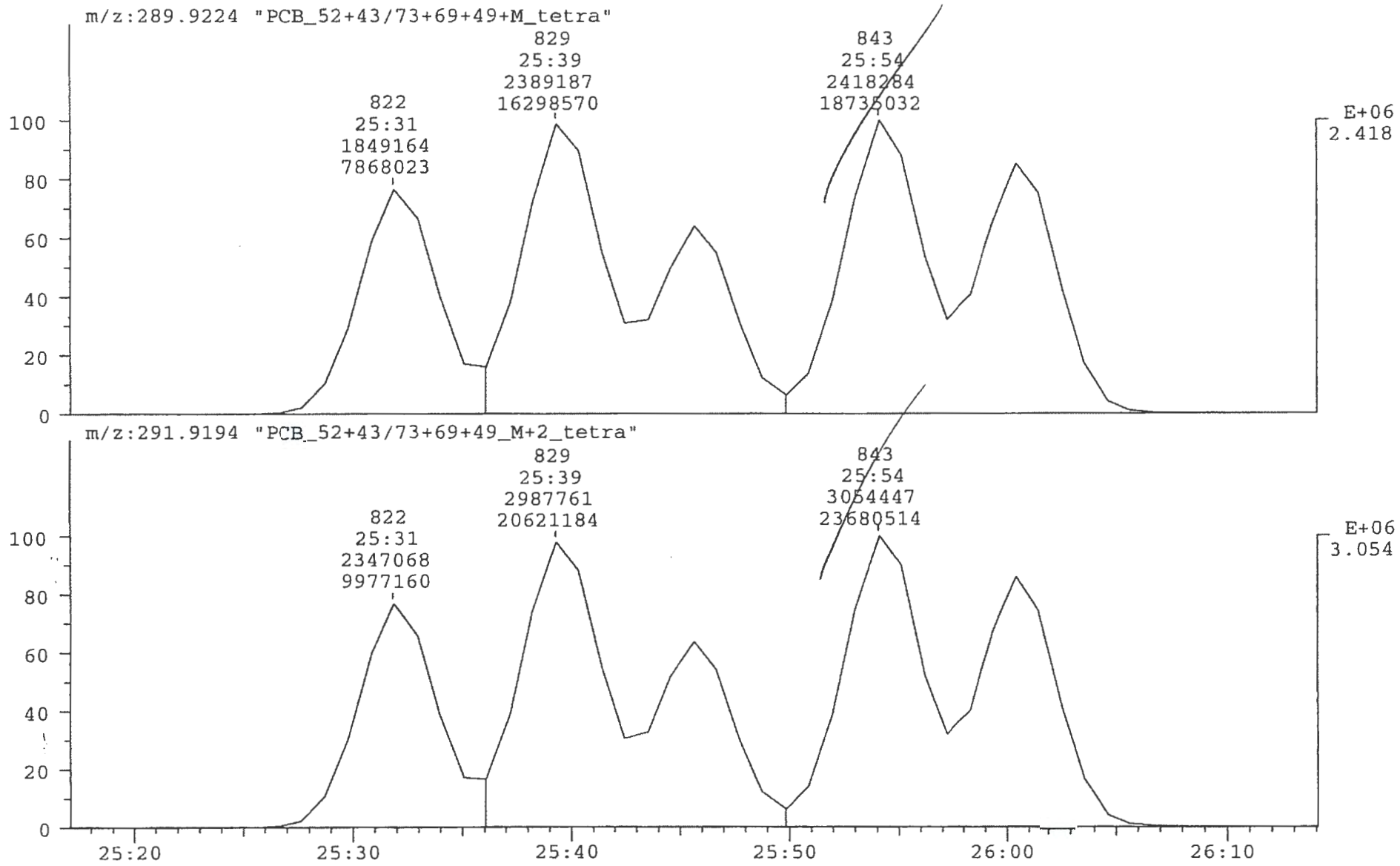
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  21:02.6      571
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



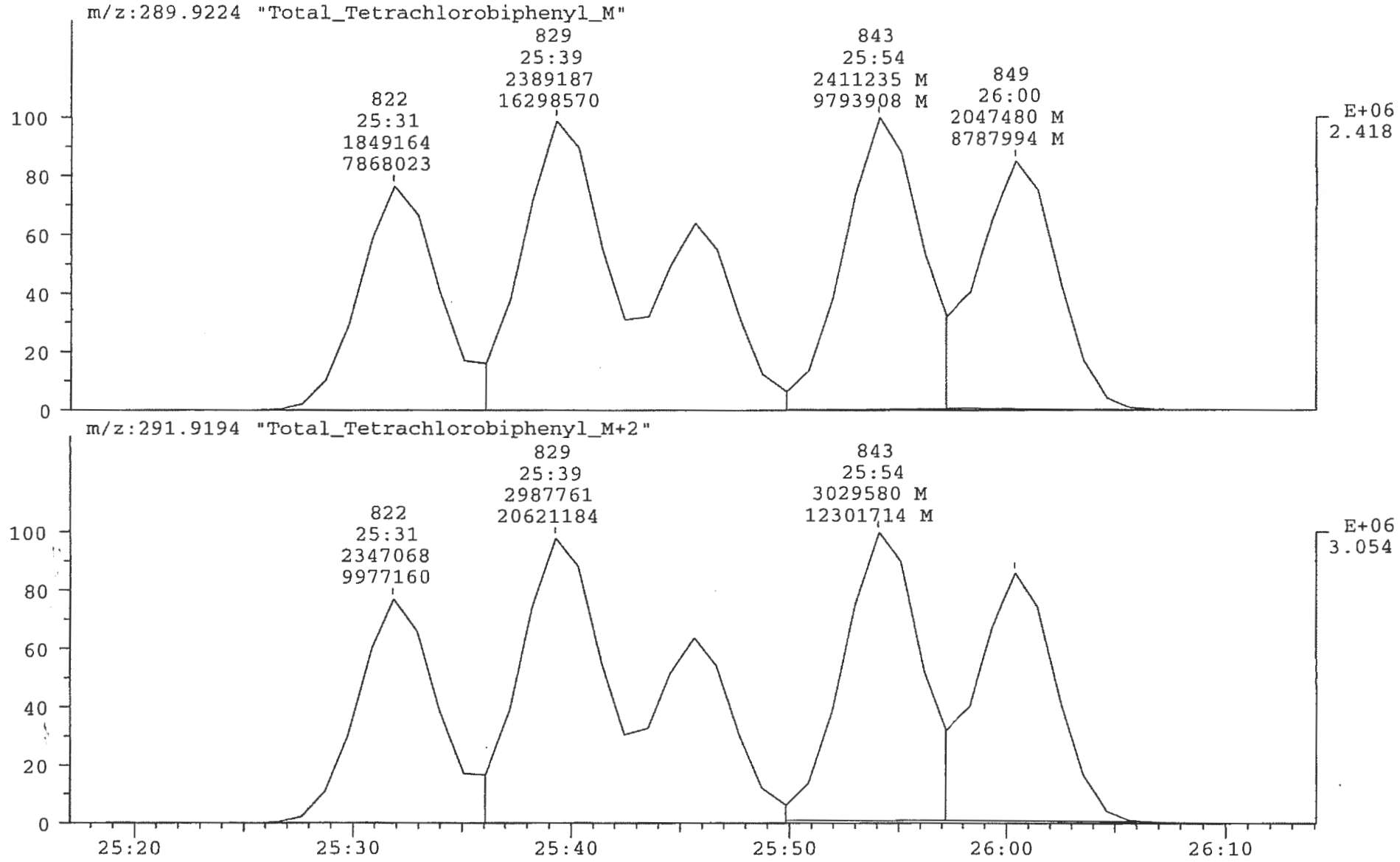
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  23:50.4      726
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   658 > 784             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



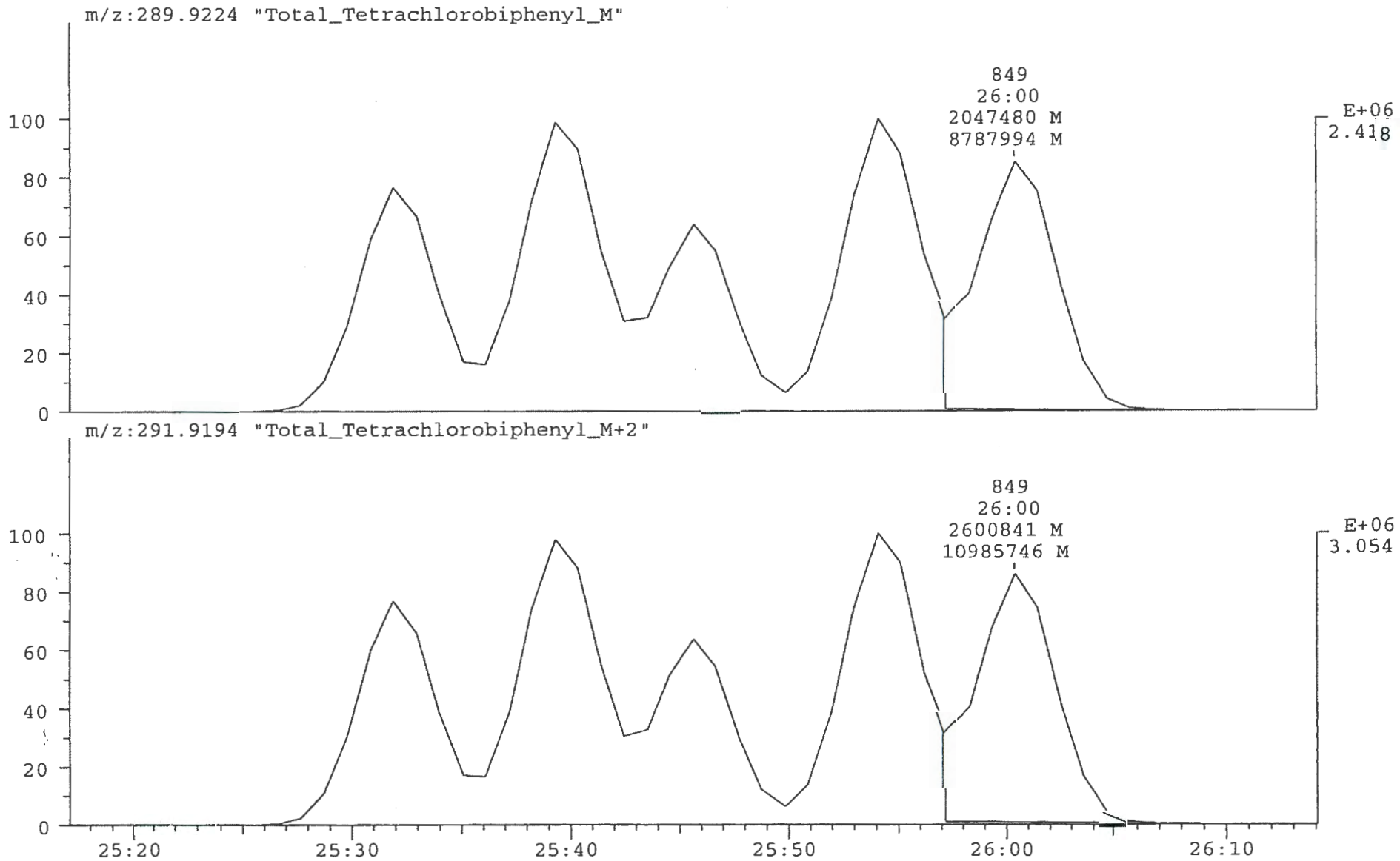
CHRO: a070313i4 13-Mar-07 Elapse: 23:18.8 696
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 808 > 862 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



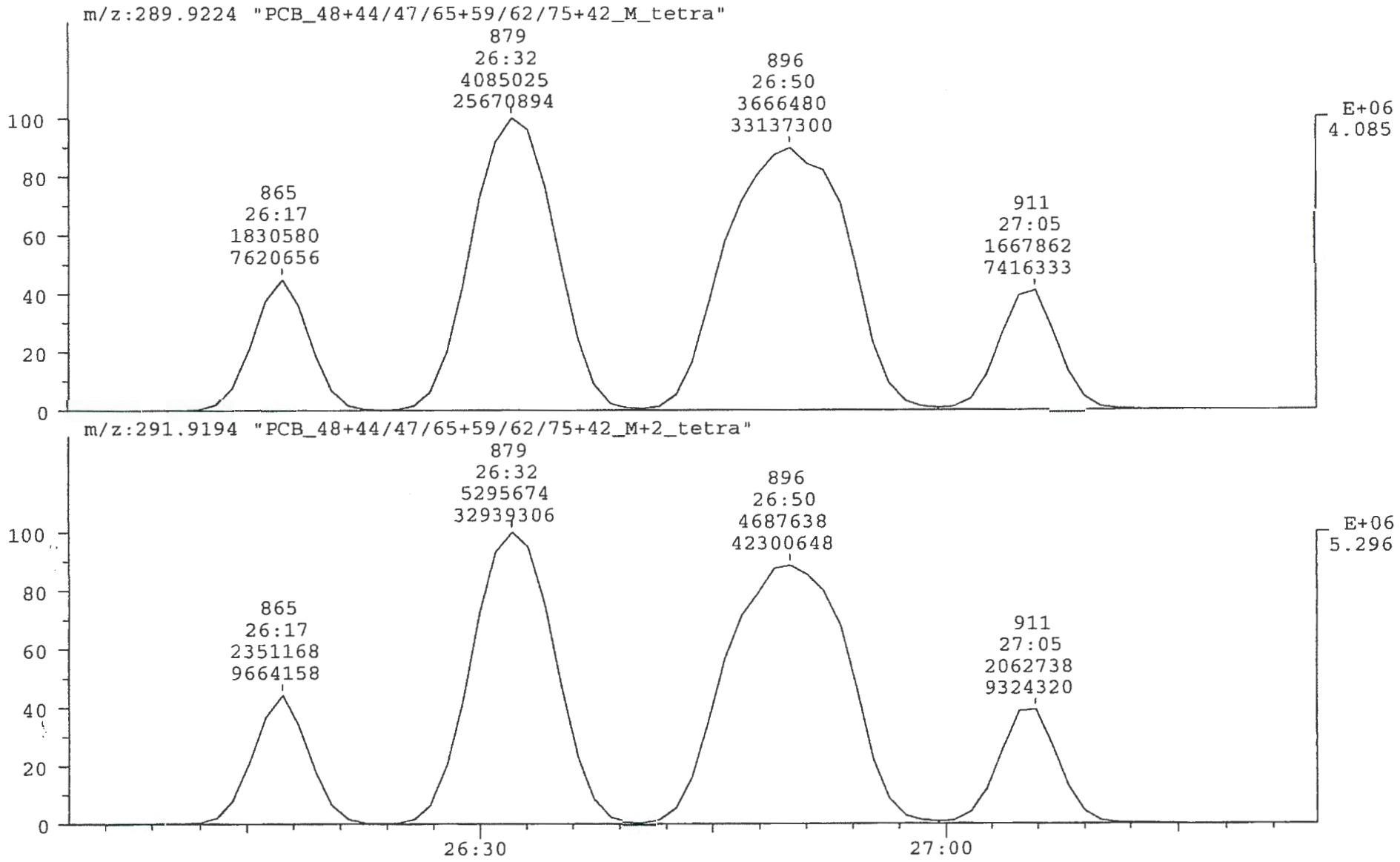
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  17:32.5      372
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   808 > 862             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



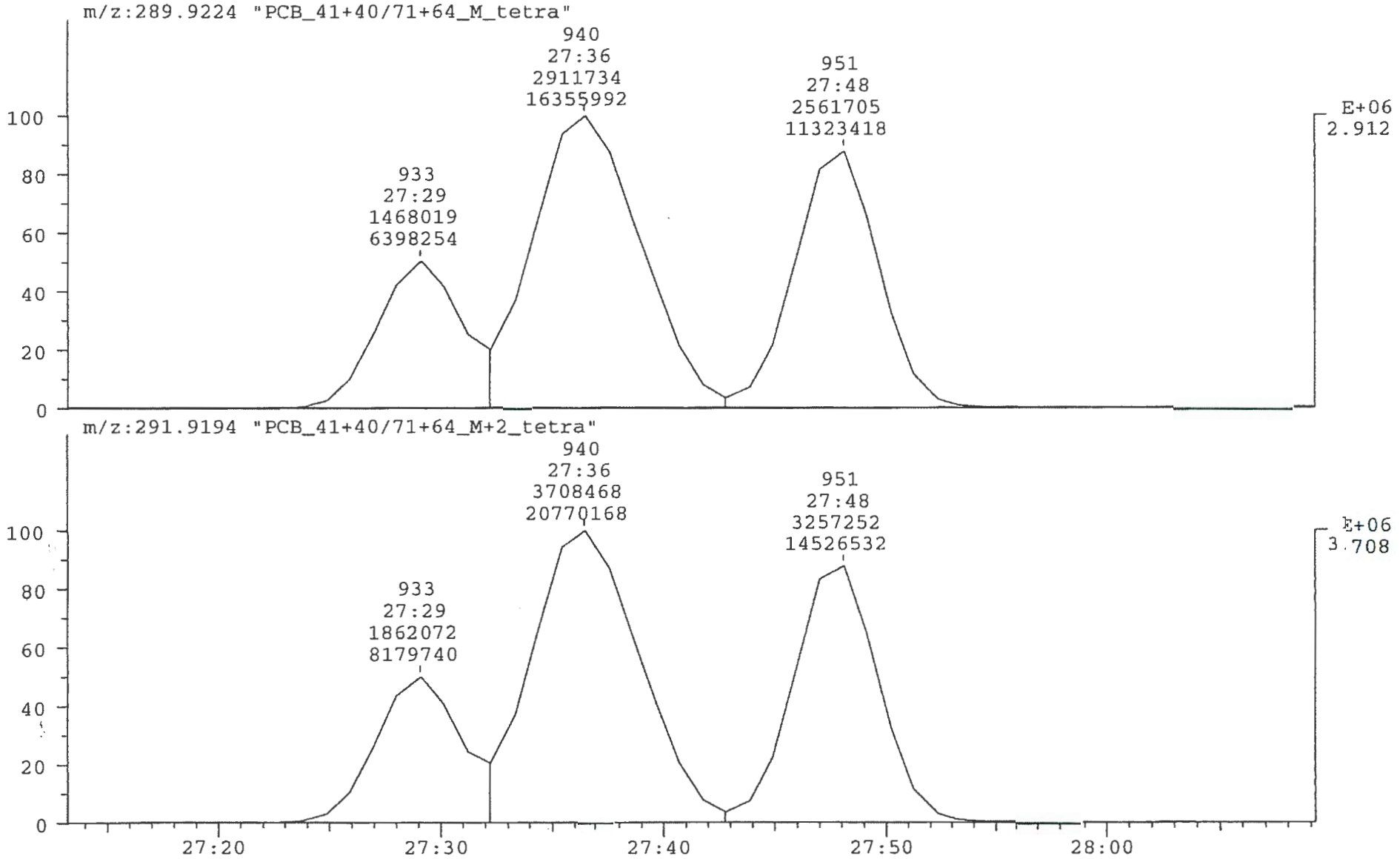
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  26:00.4      849
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   846 > 852             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



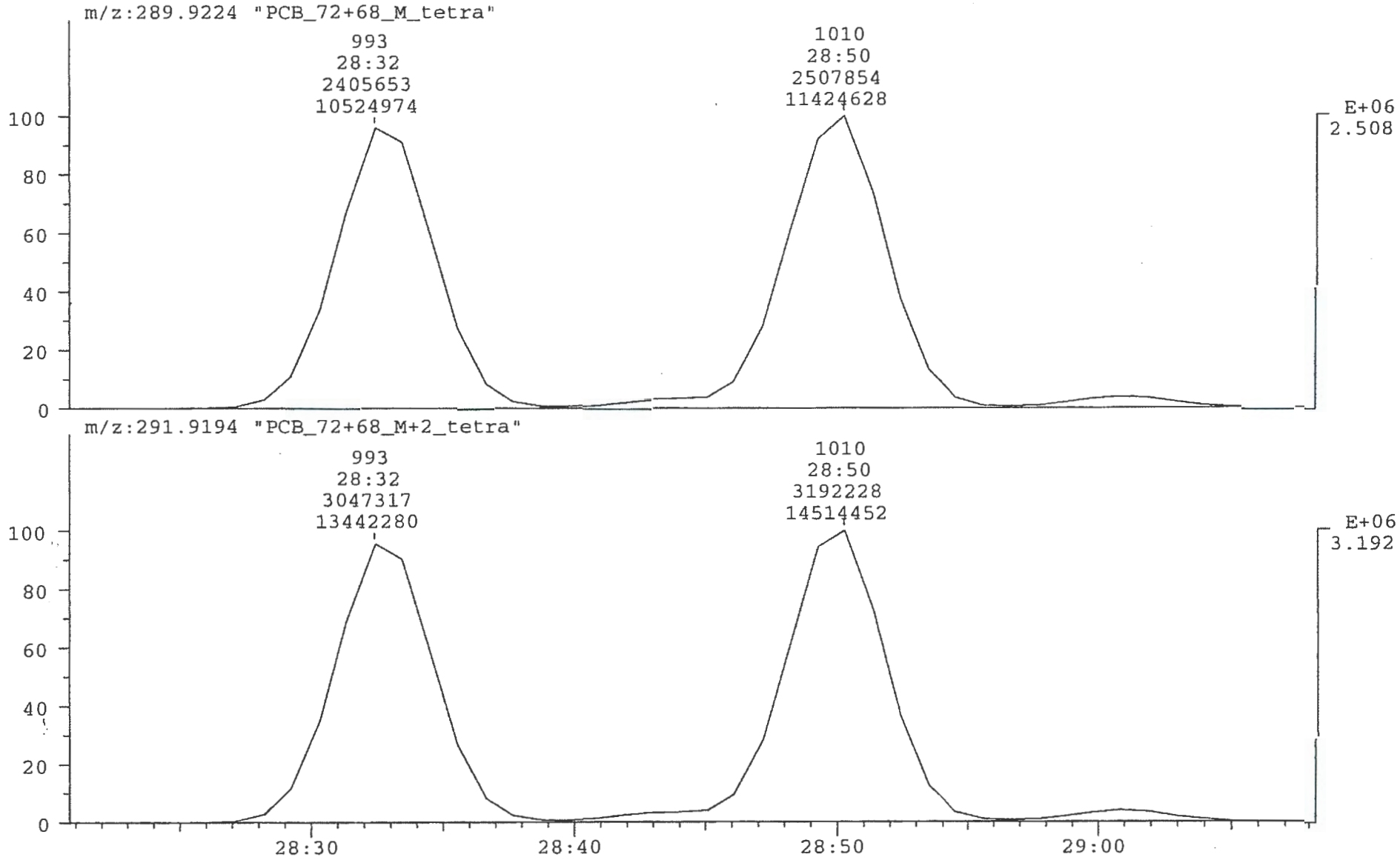
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  26:45.7      892
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   852 > 928             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070313i4 13-Mar-07 Elapse: 27:47.9 950
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 918 > 971 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  28:47      1007
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   982 > 1027            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  29:52      1069
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1022 > 1109           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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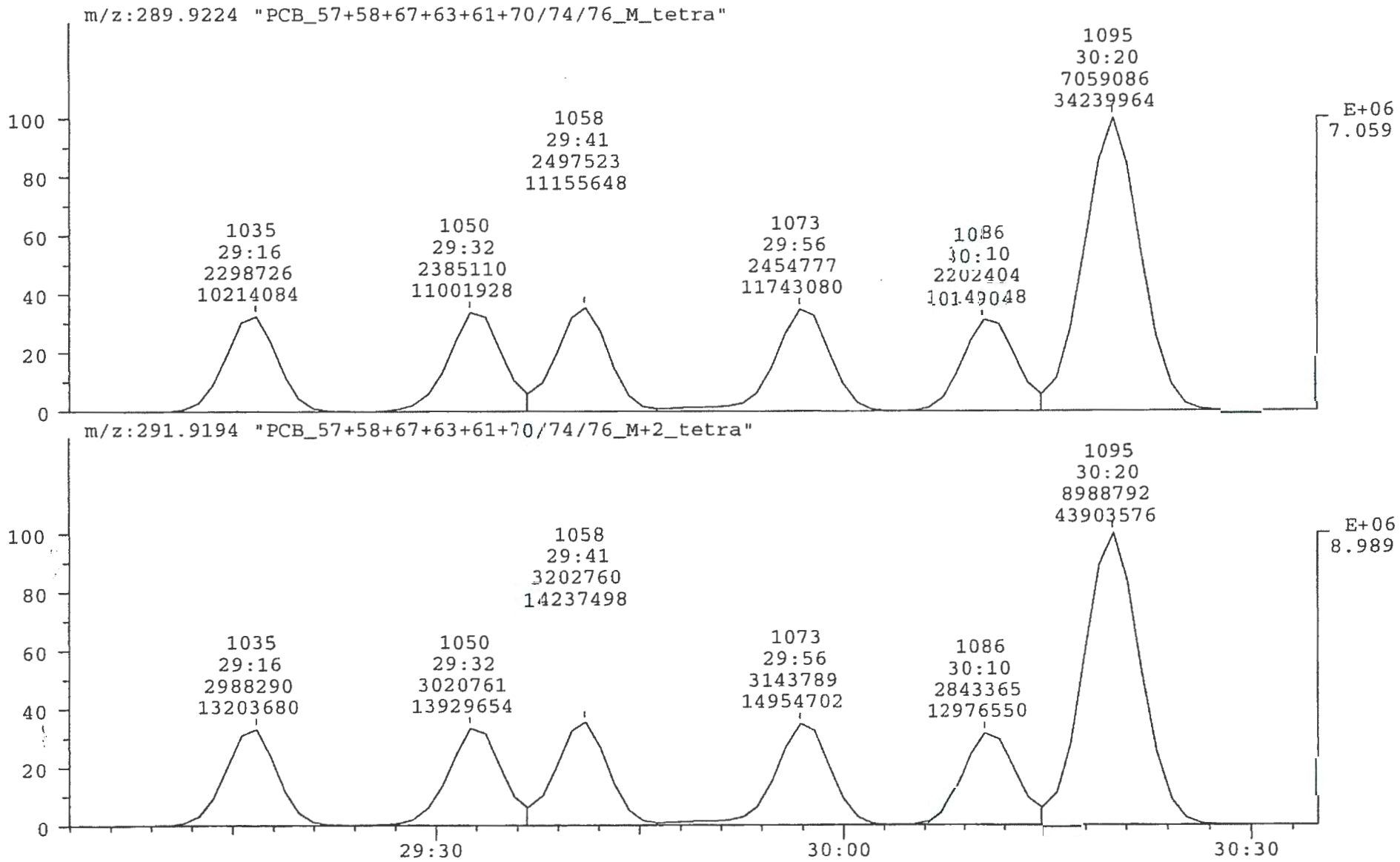
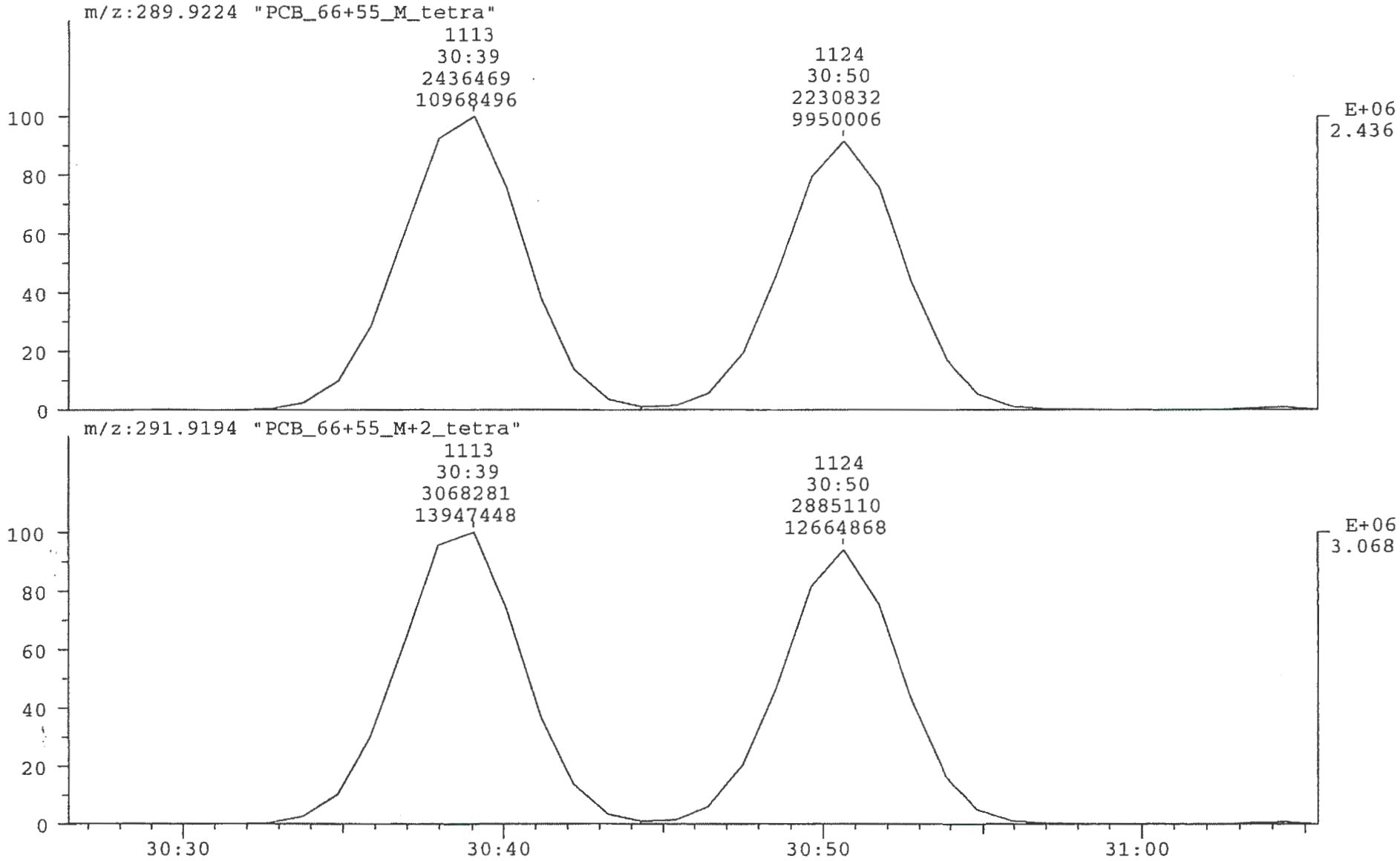
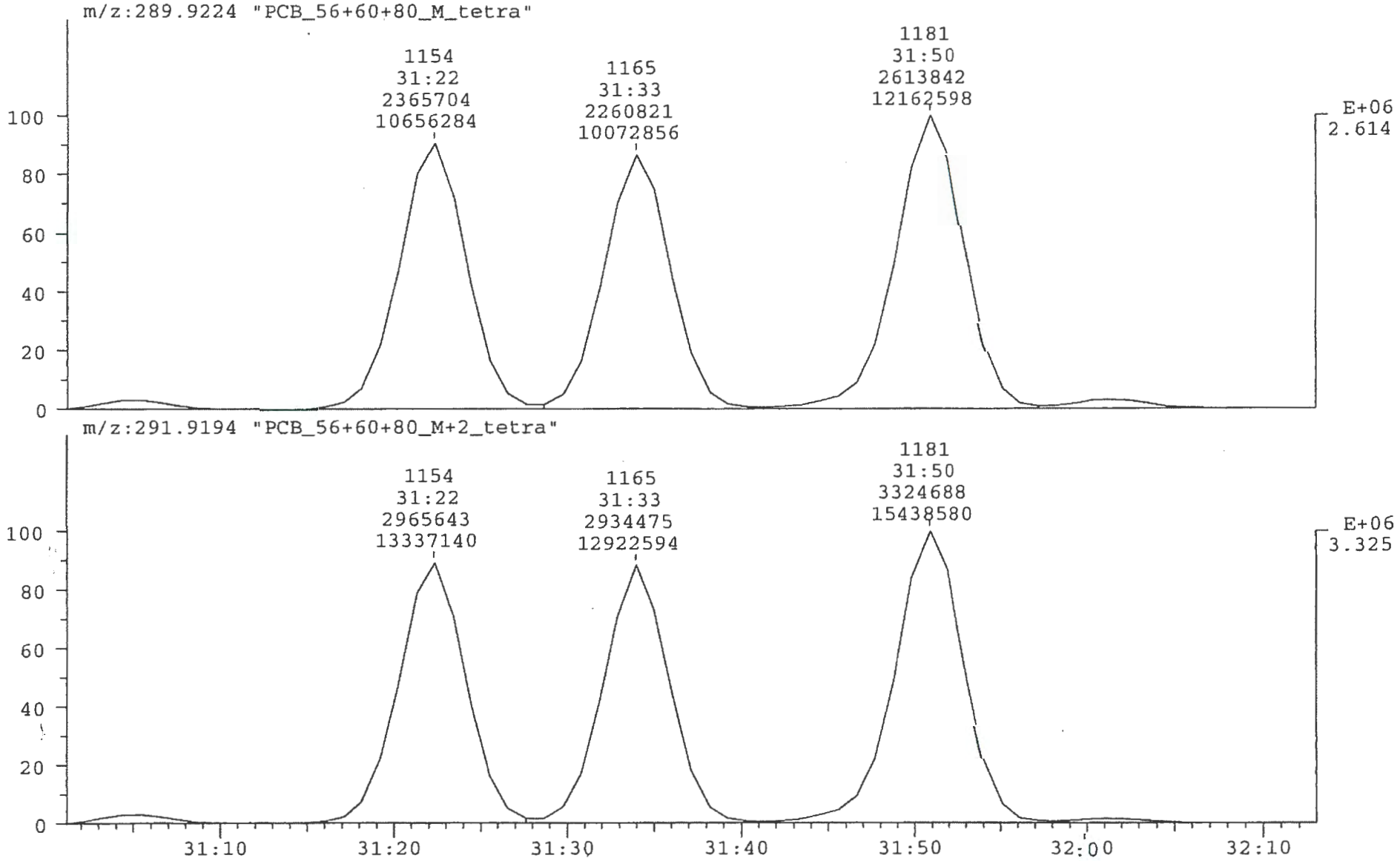


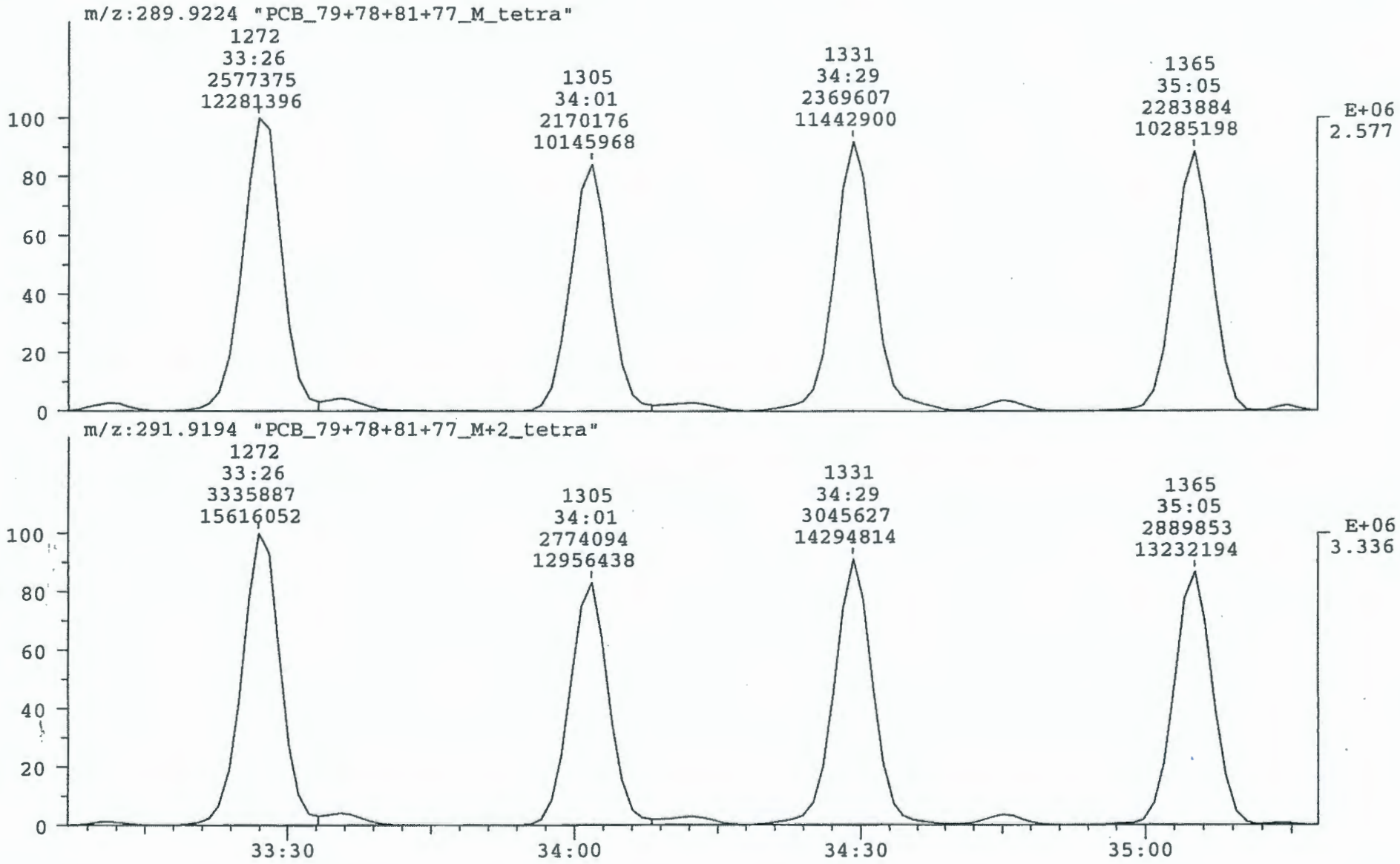
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  30:49      1123
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1101 > 1138           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



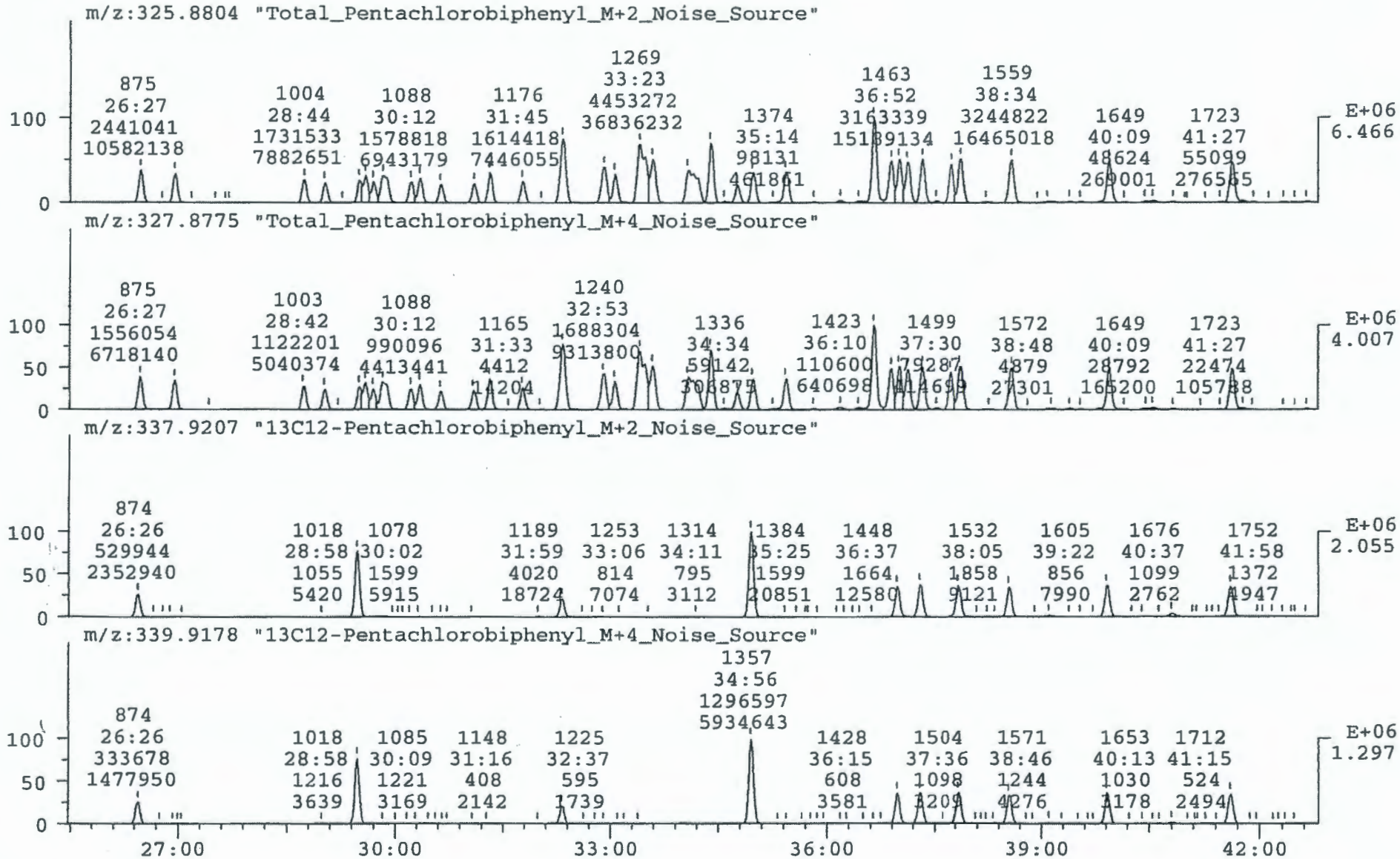
CHRO: a07031314 13-Mar-07 Elapse: 31:41 1172
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1134 > 1202 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



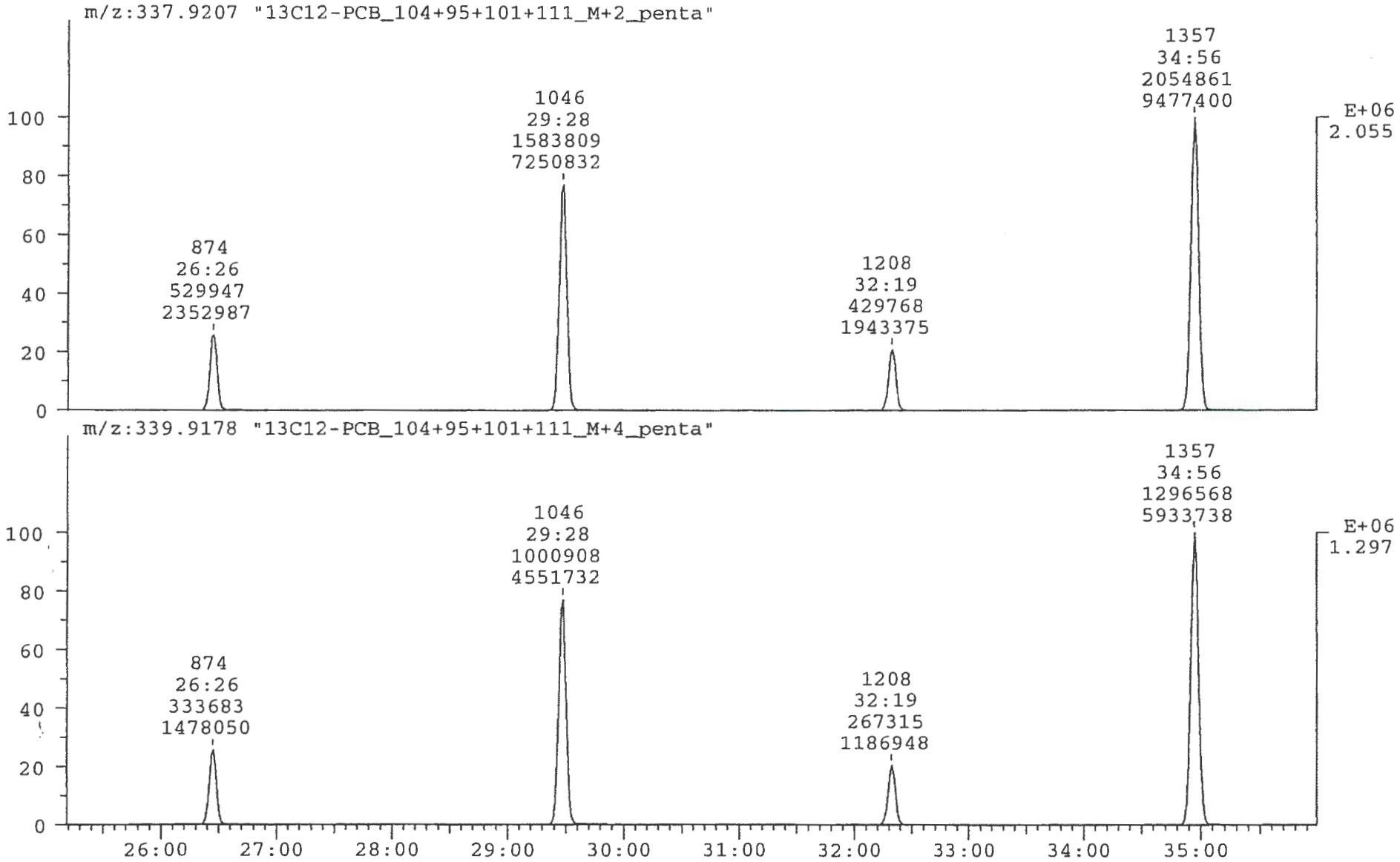
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  34:14      1317
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1253 > 1377           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070313i4 13-Mar-07 Elapse: 34:08 1311
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 818 > 1799 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  30:34      1109
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   802 > 1416            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  37:49      1517
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1452 > 1582           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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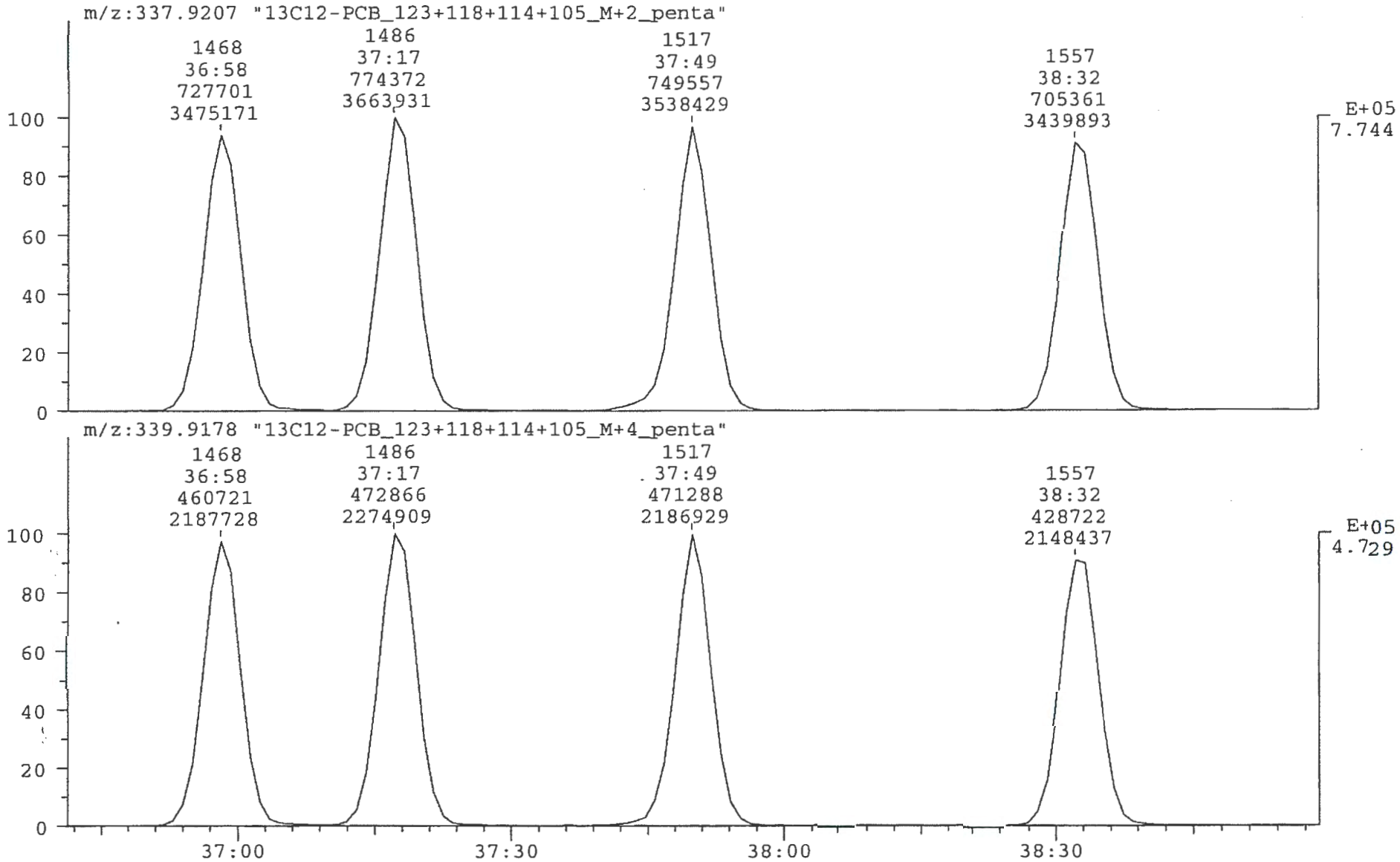
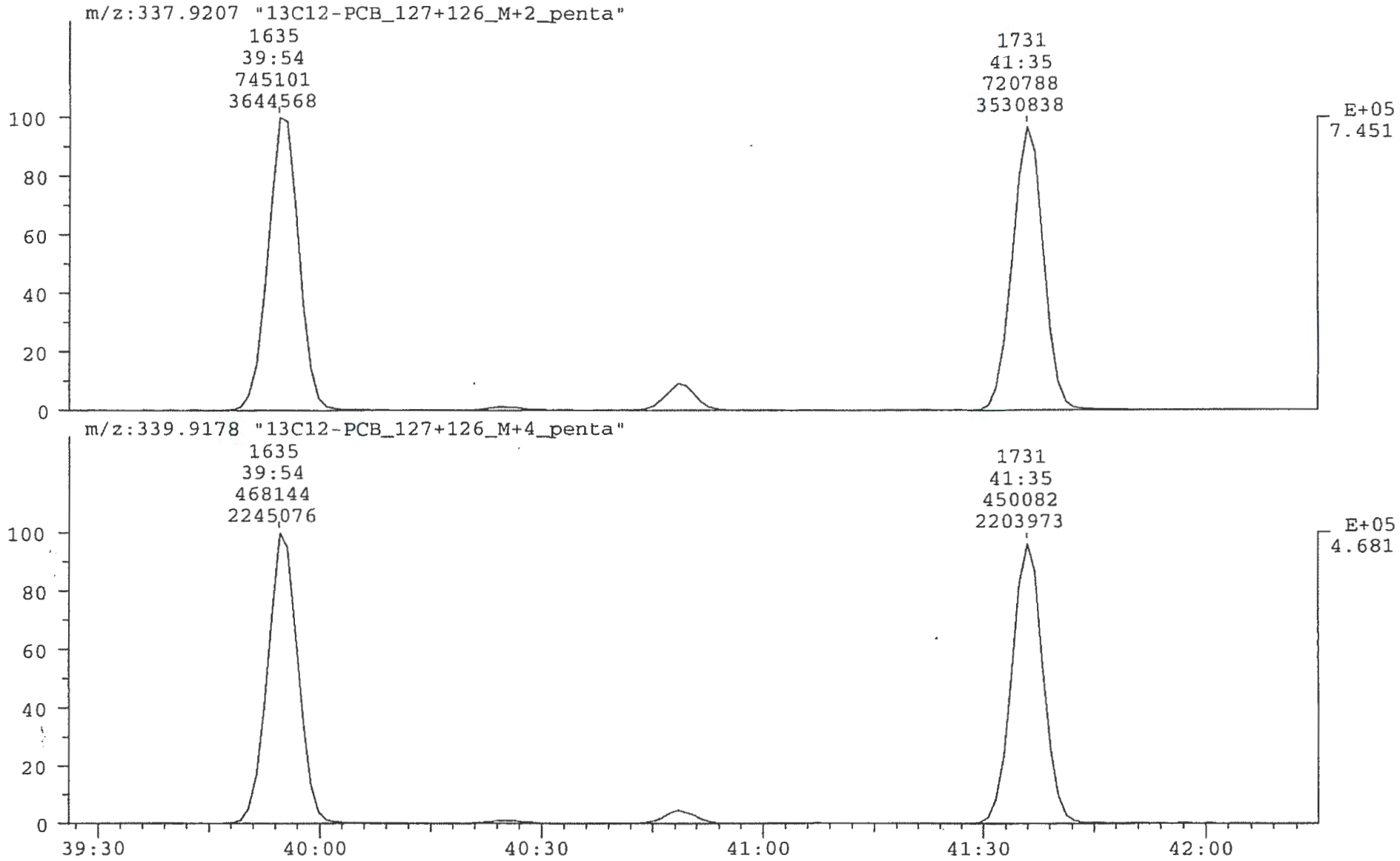
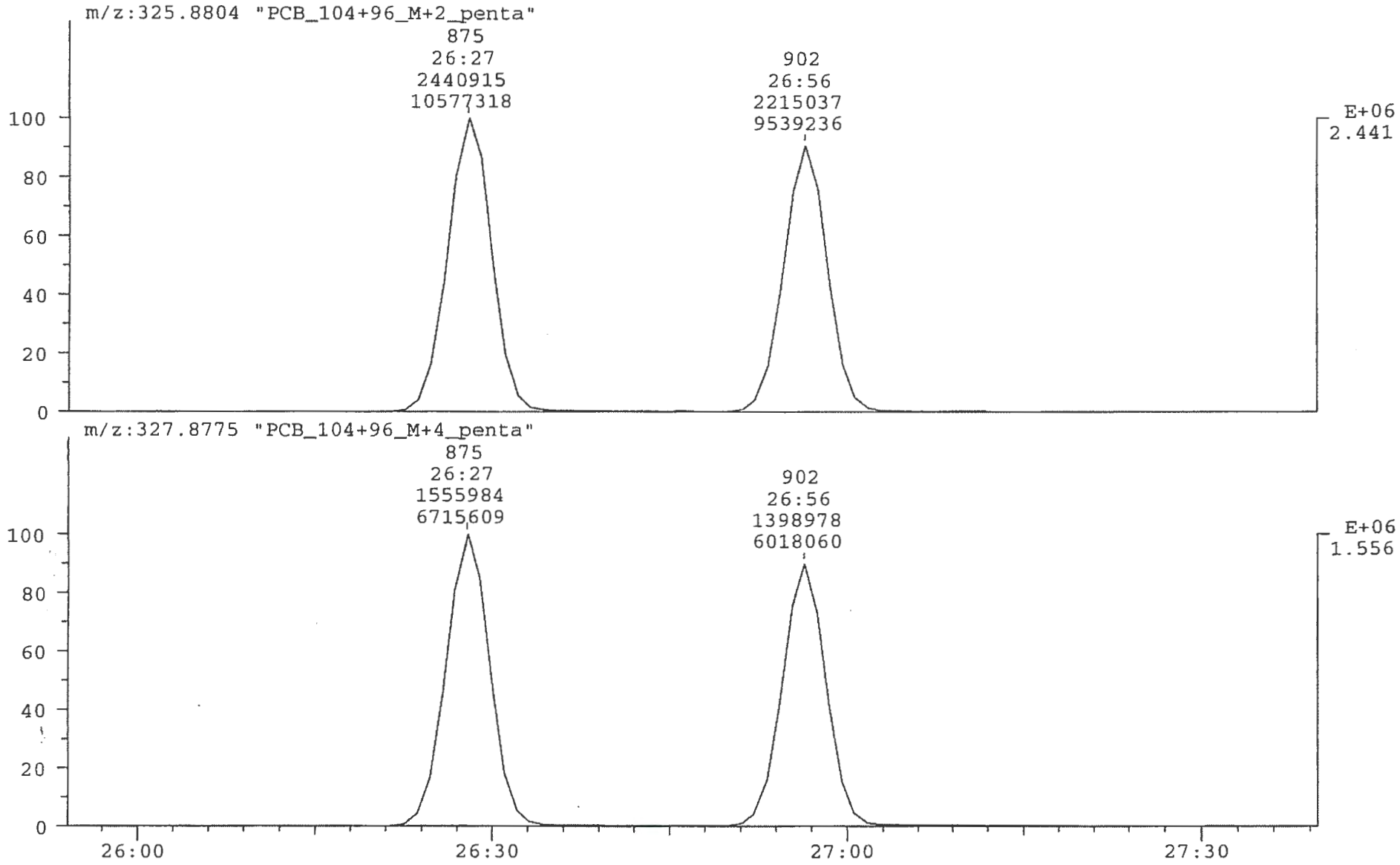


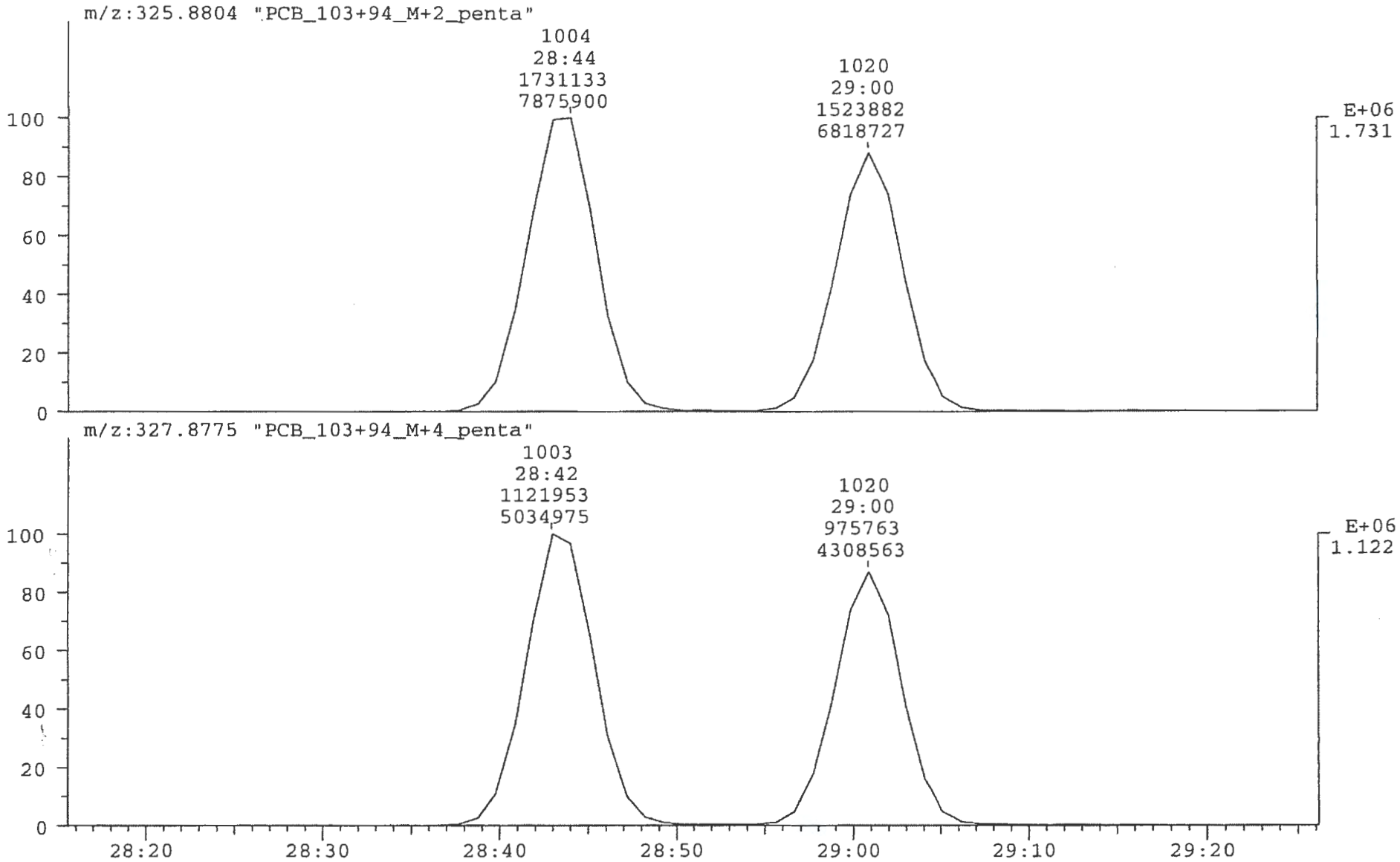
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  40:50      1688
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1608 > 1768           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



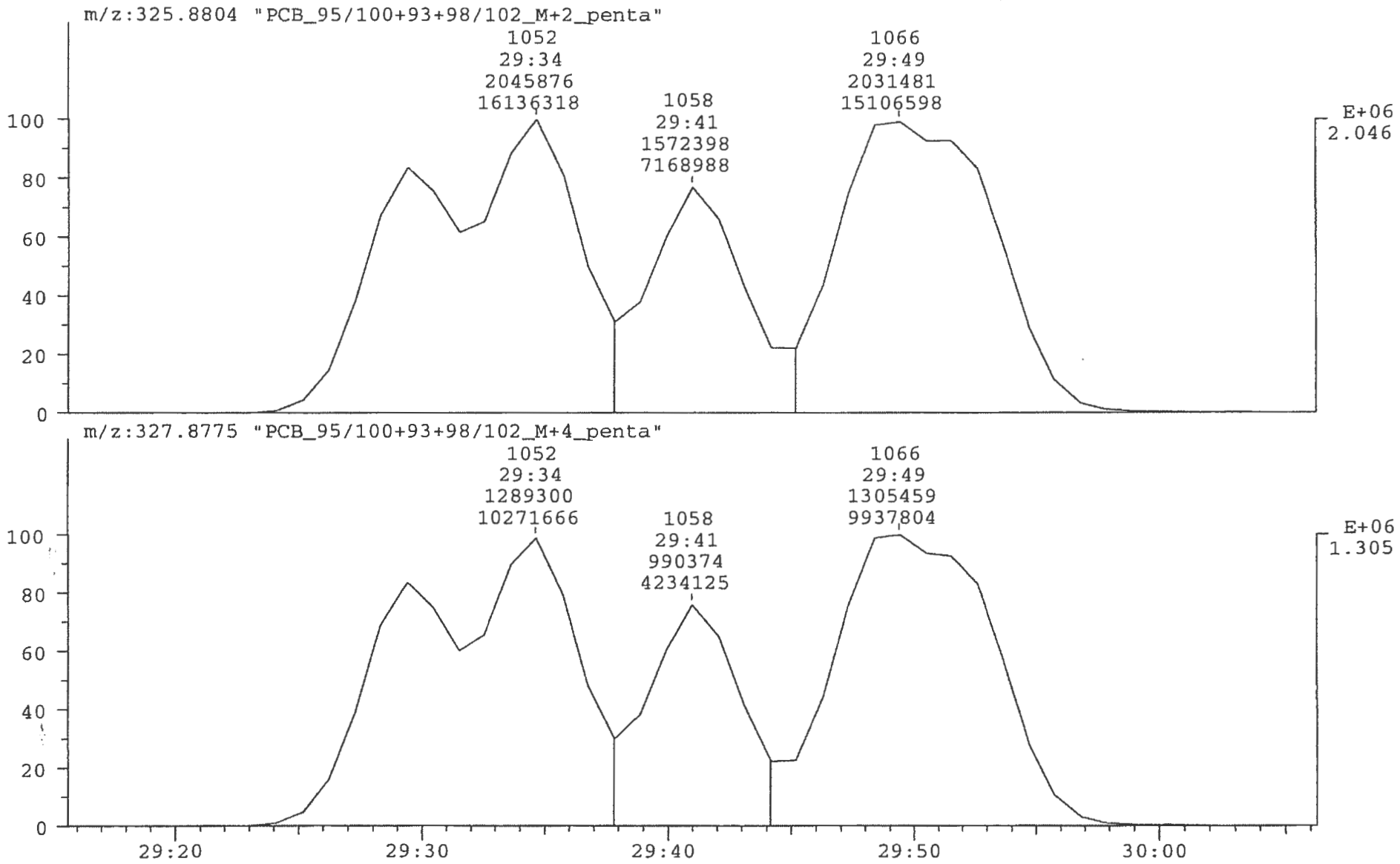
CHRO: a070313i4 13-Mar-07 Elapse: 26:46.8 893
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 843 > 943 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



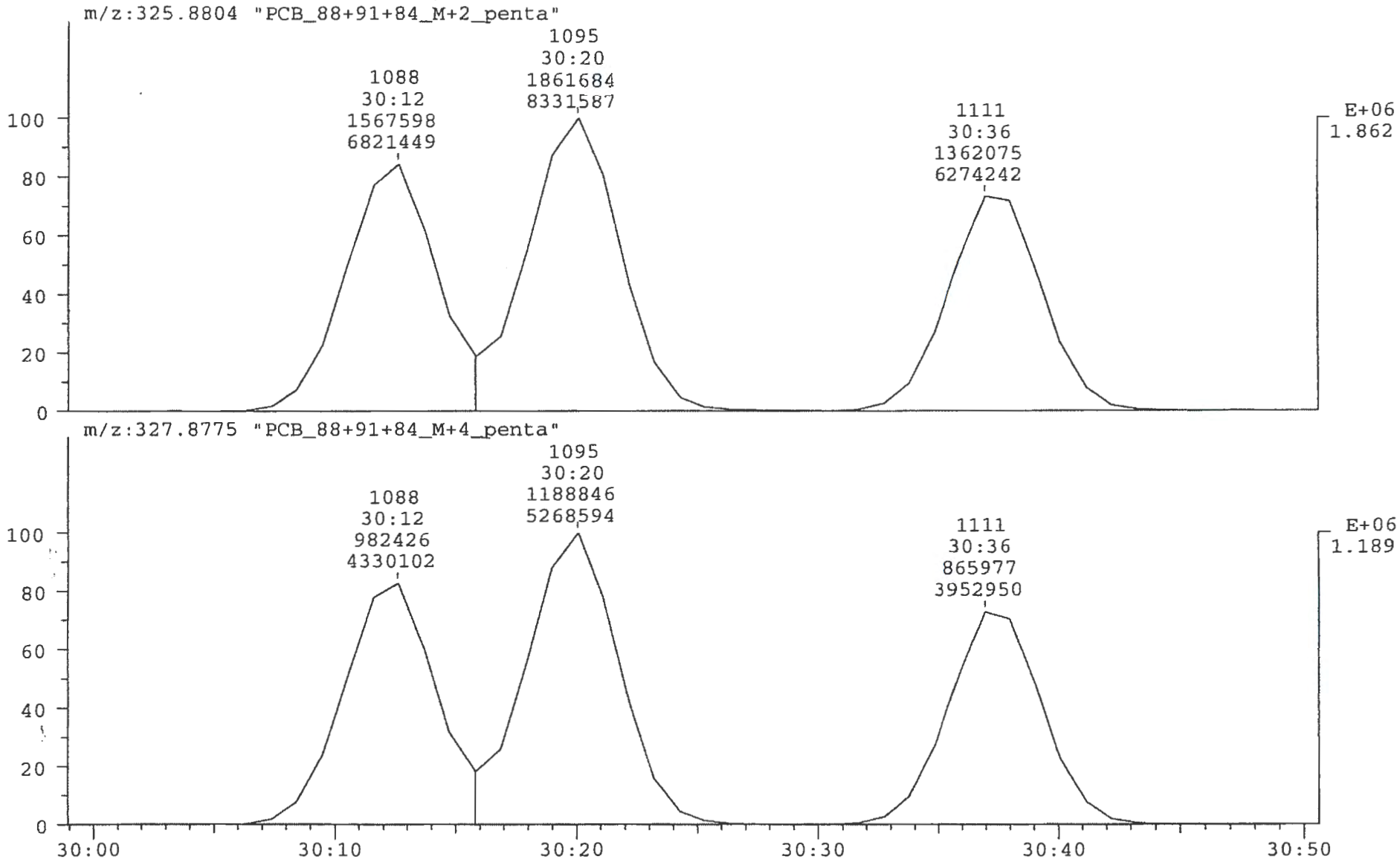
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  28:57      1017
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   977 > 1044            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



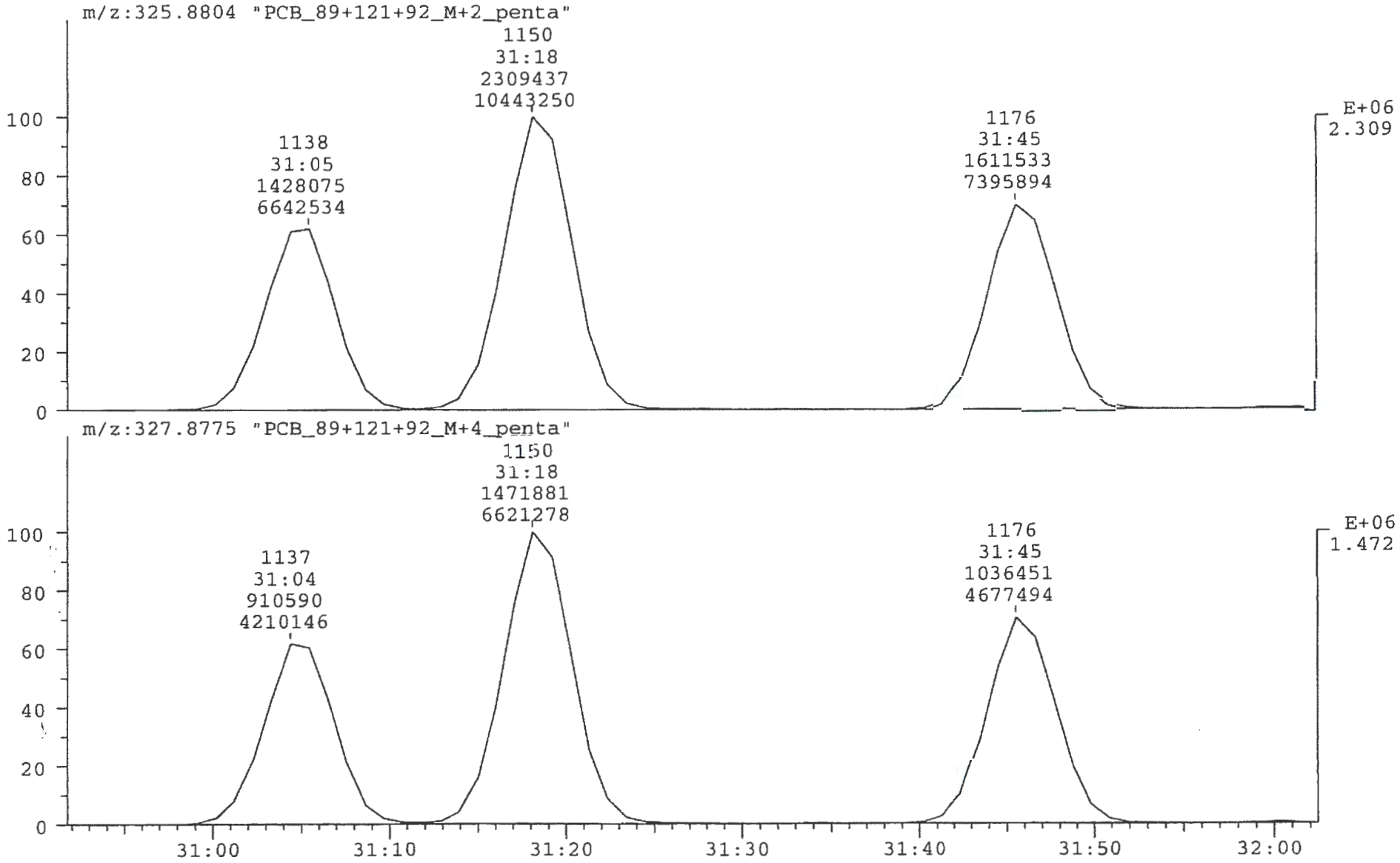
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  29:44      1061
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1034 > 1082           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4                Label :  -3, 3.0
Disp:  Height  Area
```



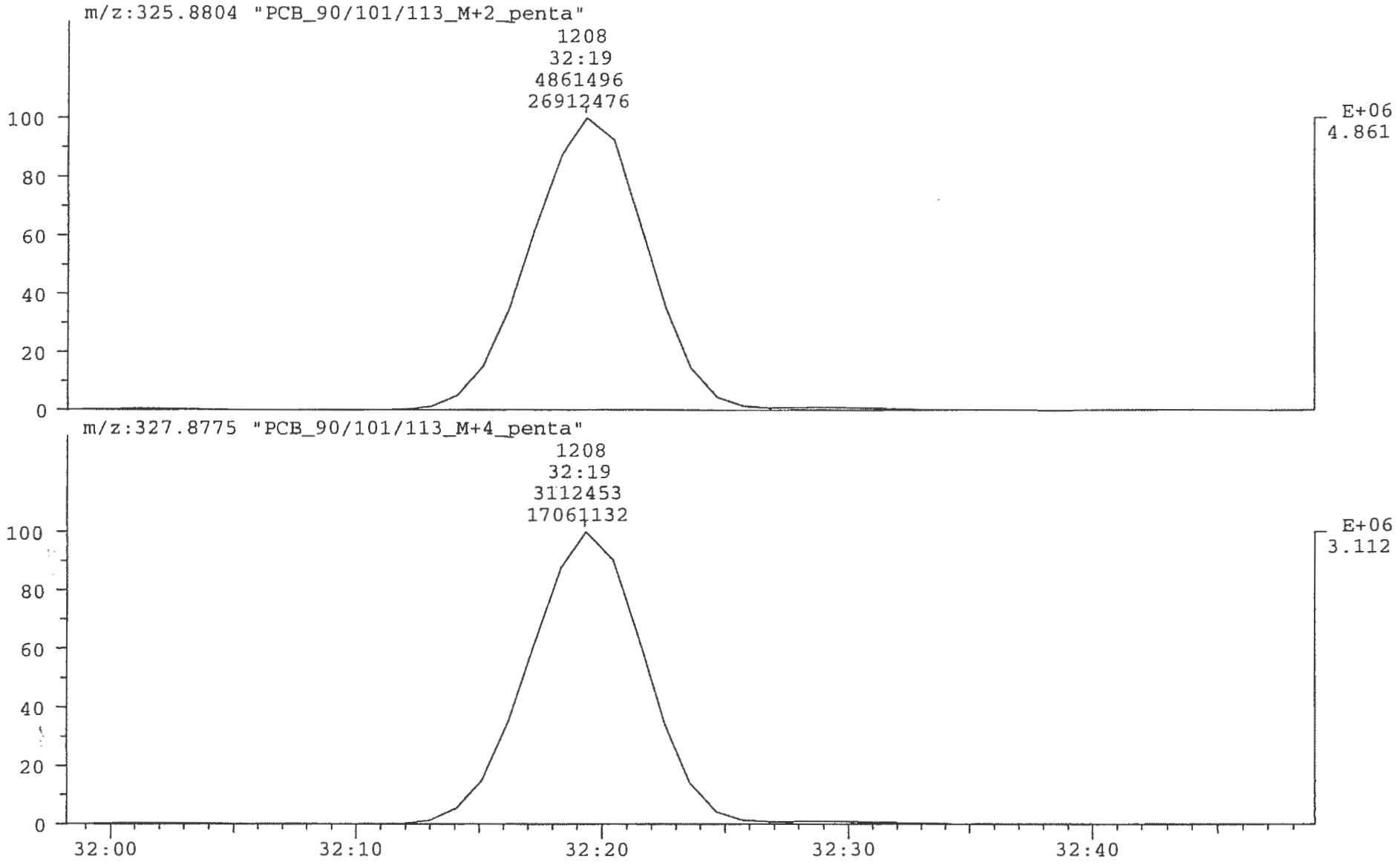
CHRO: a070313i4 13-Mar-07 Elapse: 30:29 1104
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1075 > 1124 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



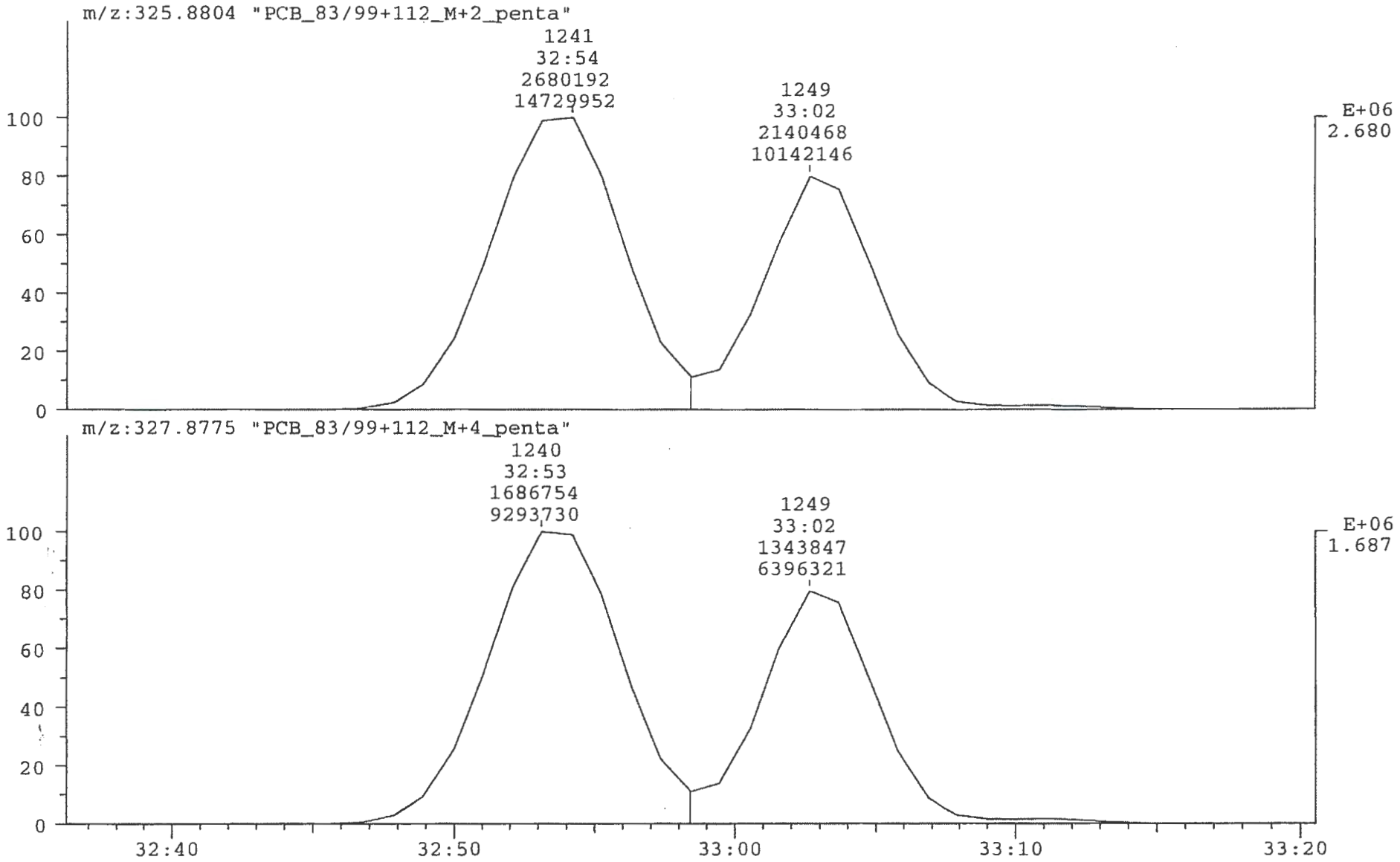
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  31:30      1162
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1125 > 1192           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



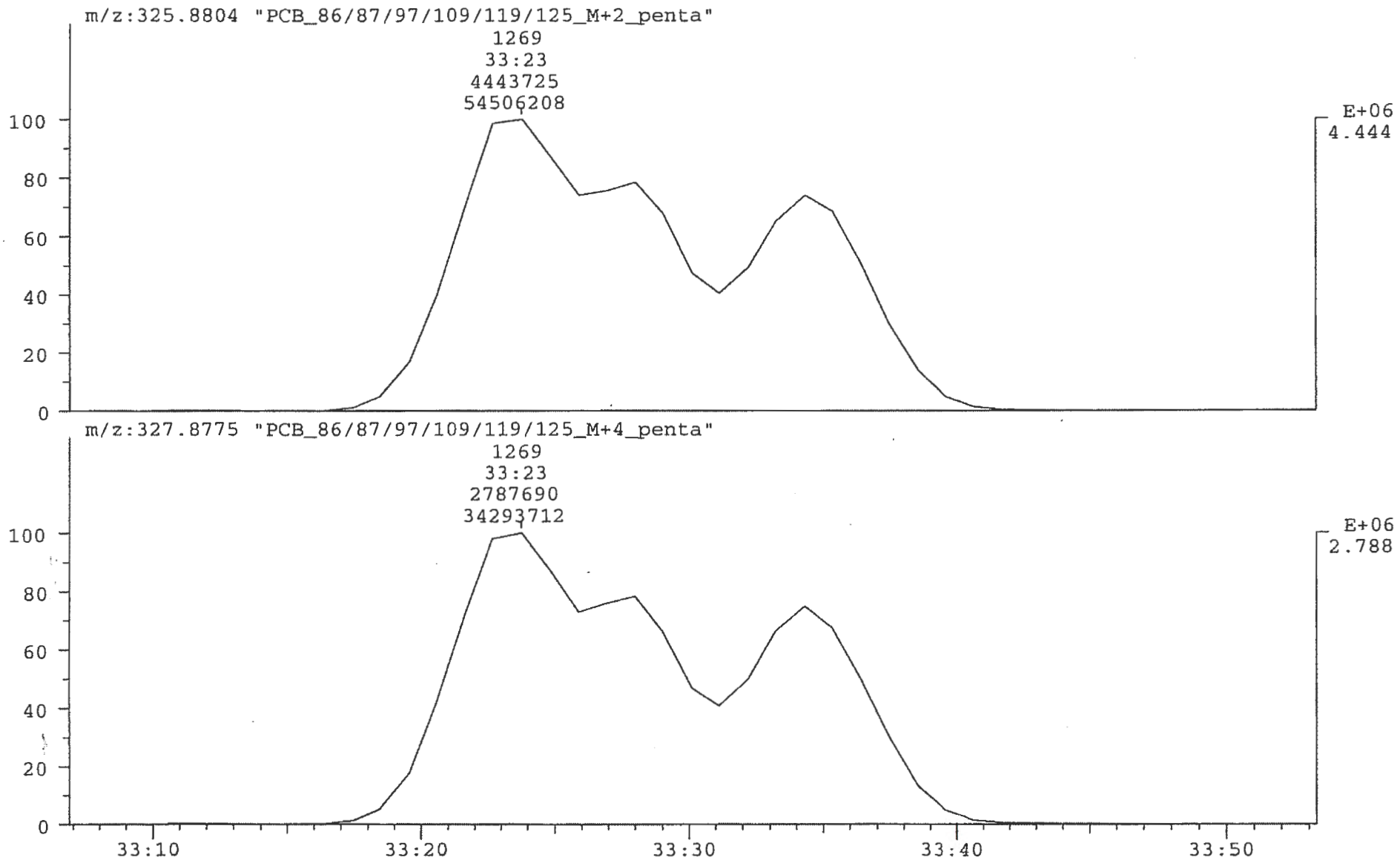
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  32:22      1211
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1188 > 1236           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



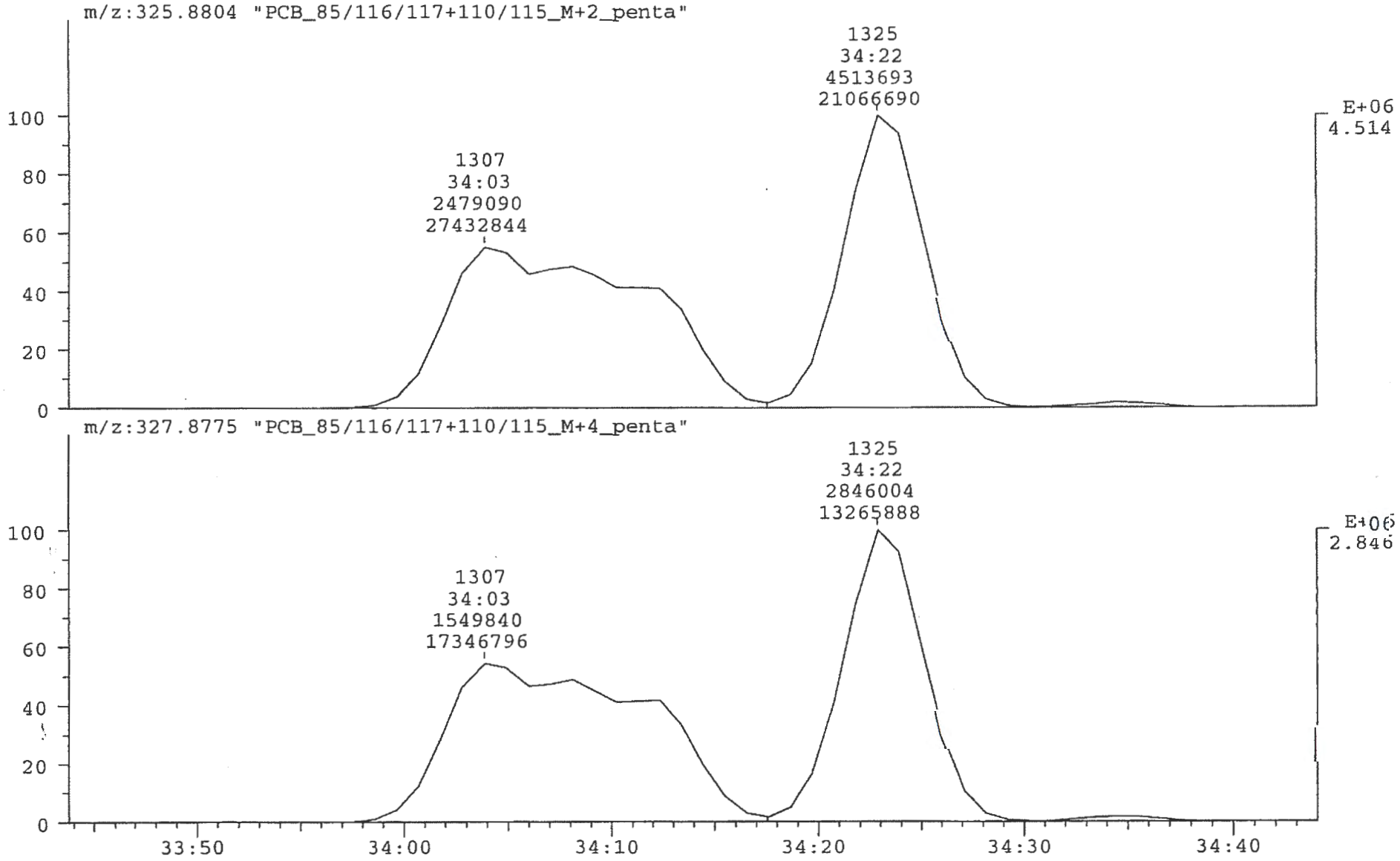
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  33:02      1249
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
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
```



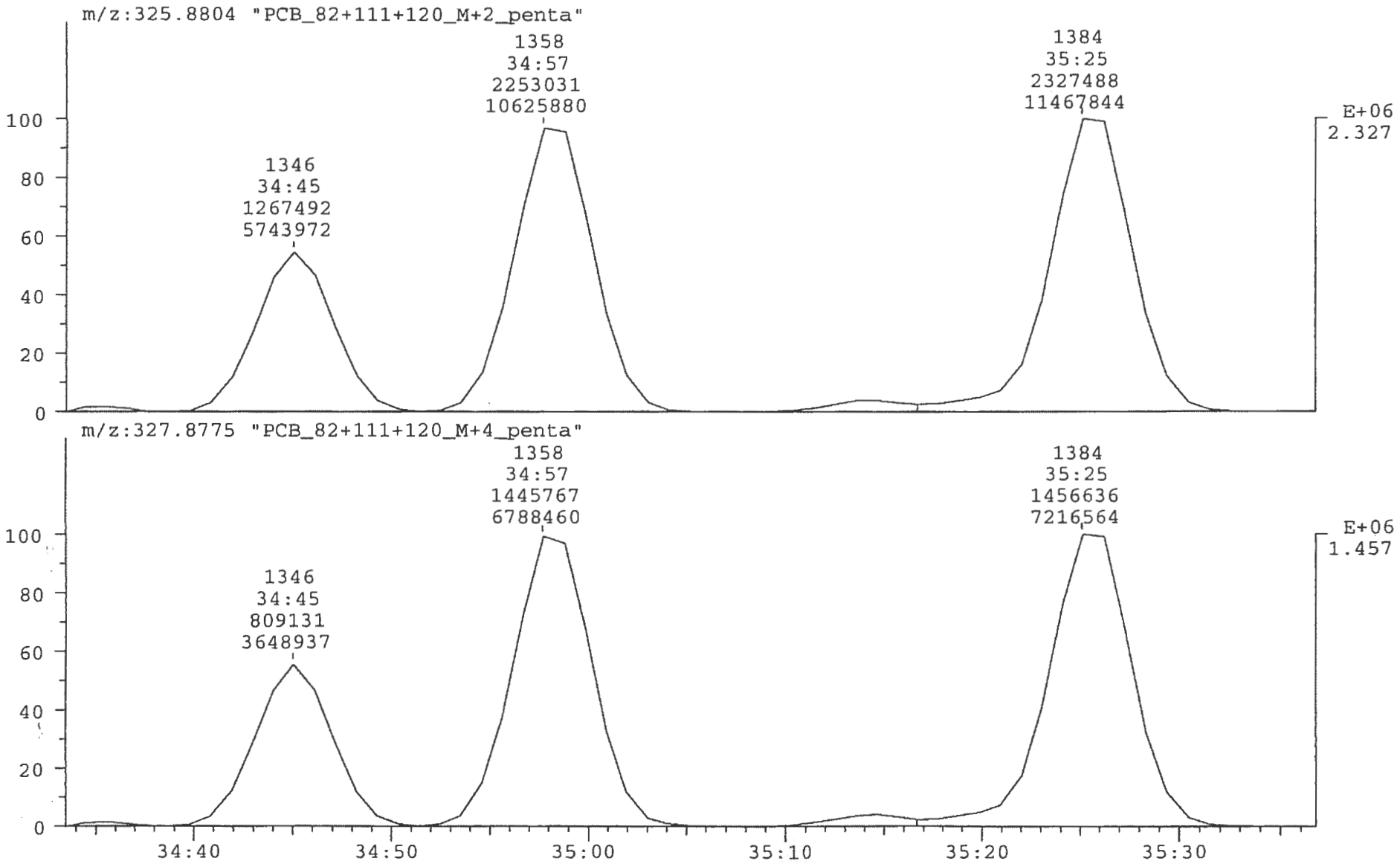
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1253 > 1297           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



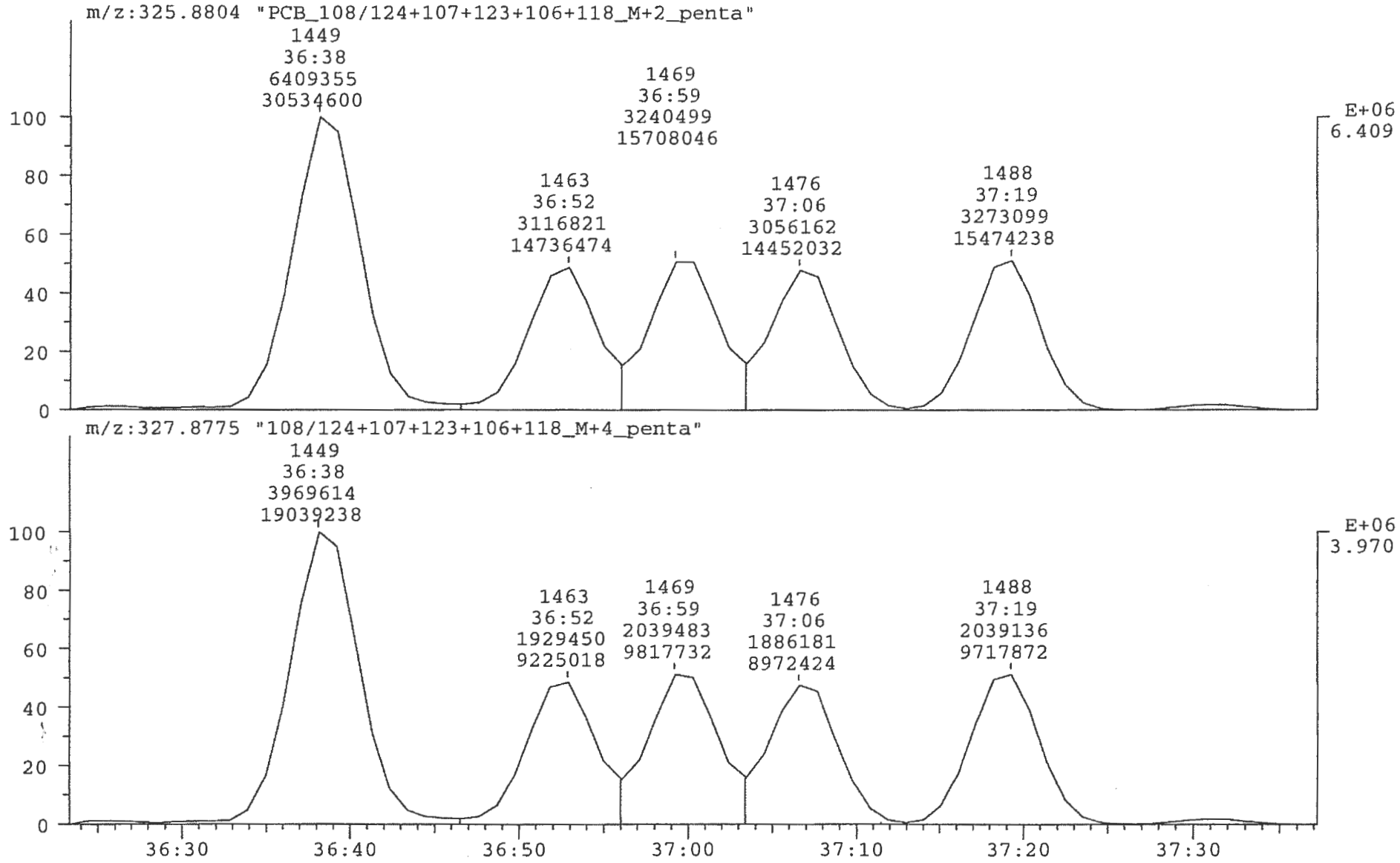
CHRO: a070313i4 13-Mar-07 Elapse: 34:22 1325
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1288 > 1345 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 6 Label : -3, 3.0
Disp: Height Area



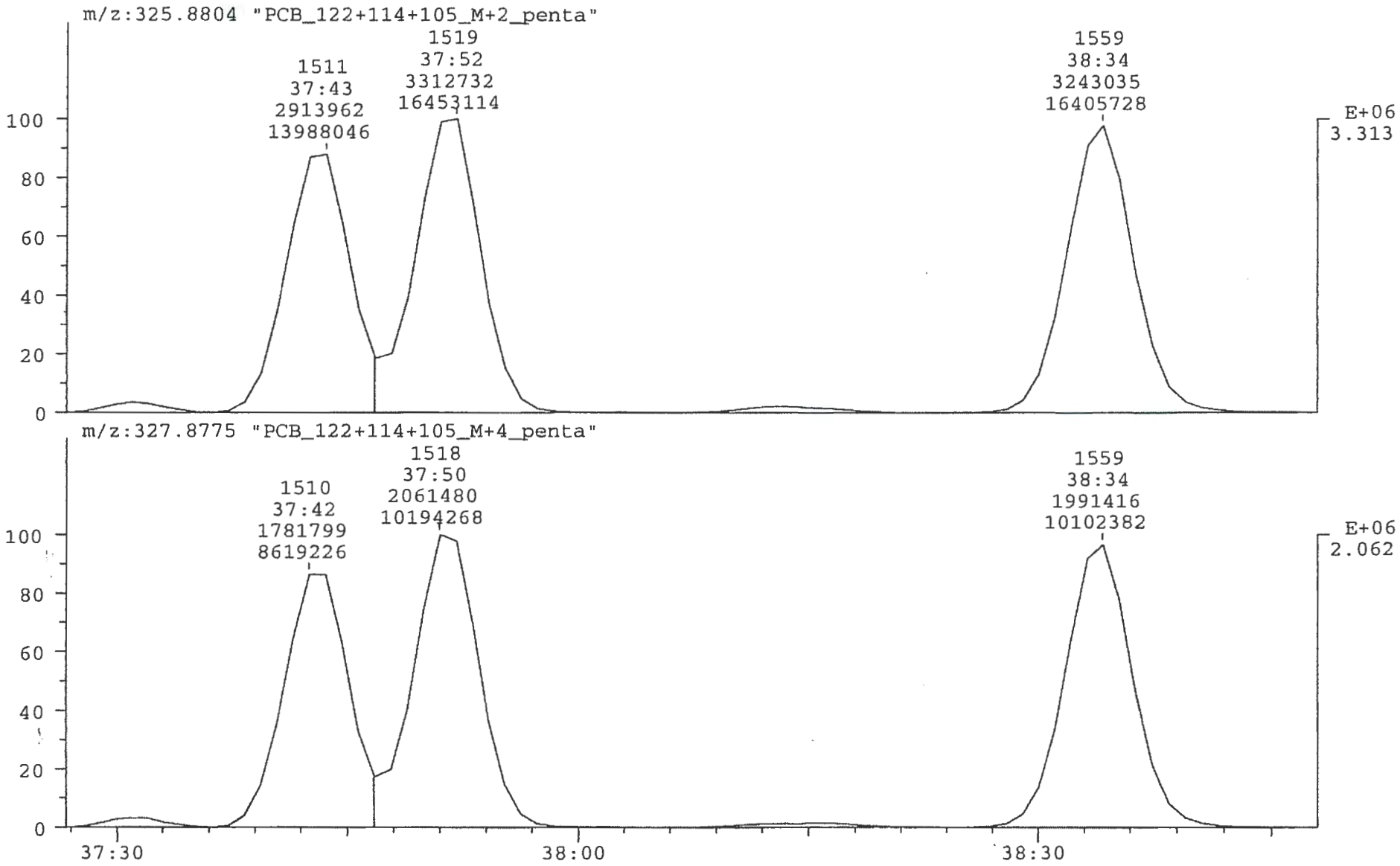
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  34:54      1355
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1335 > 1395           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



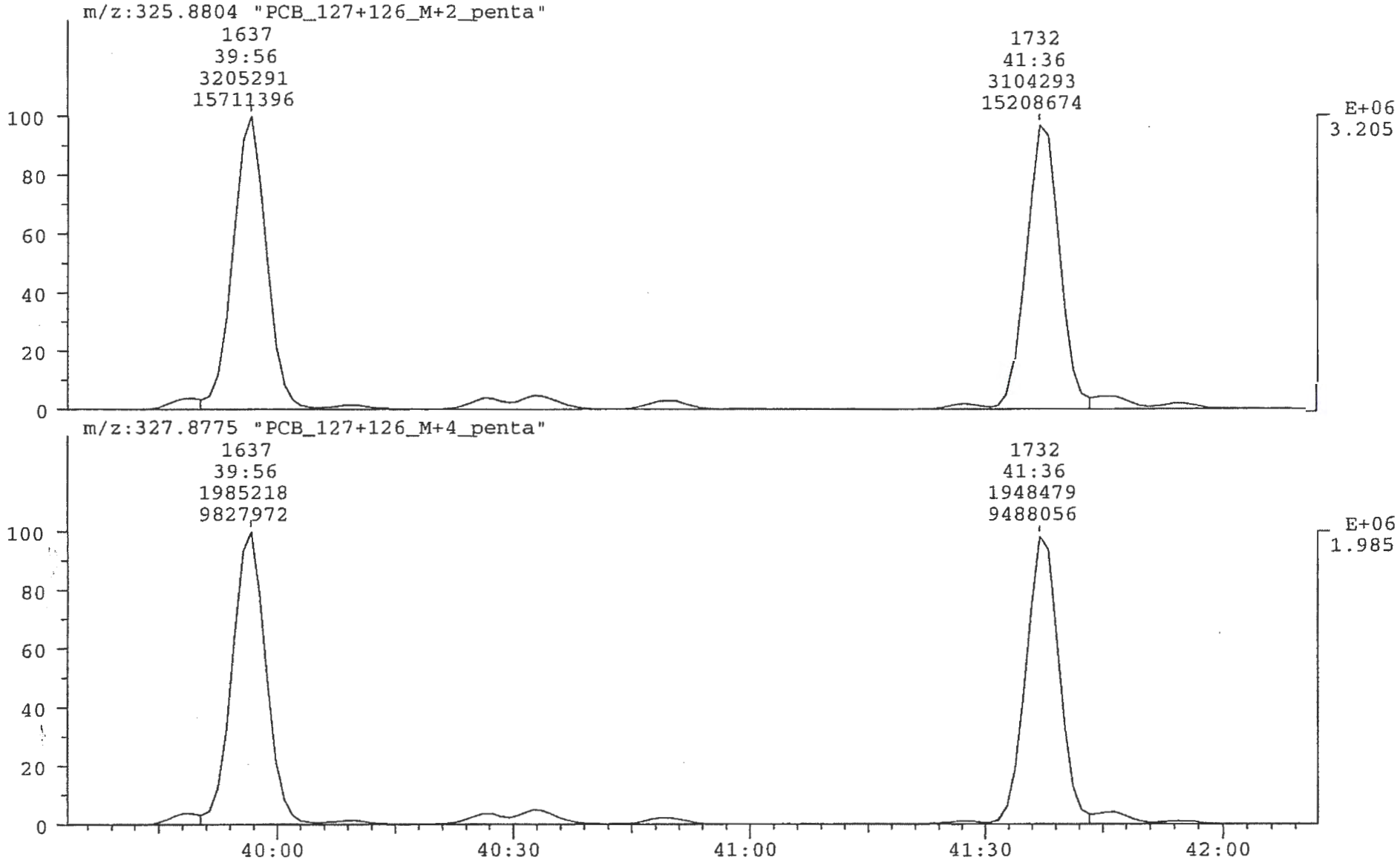
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  37:10      1480
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1435 > 1505           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



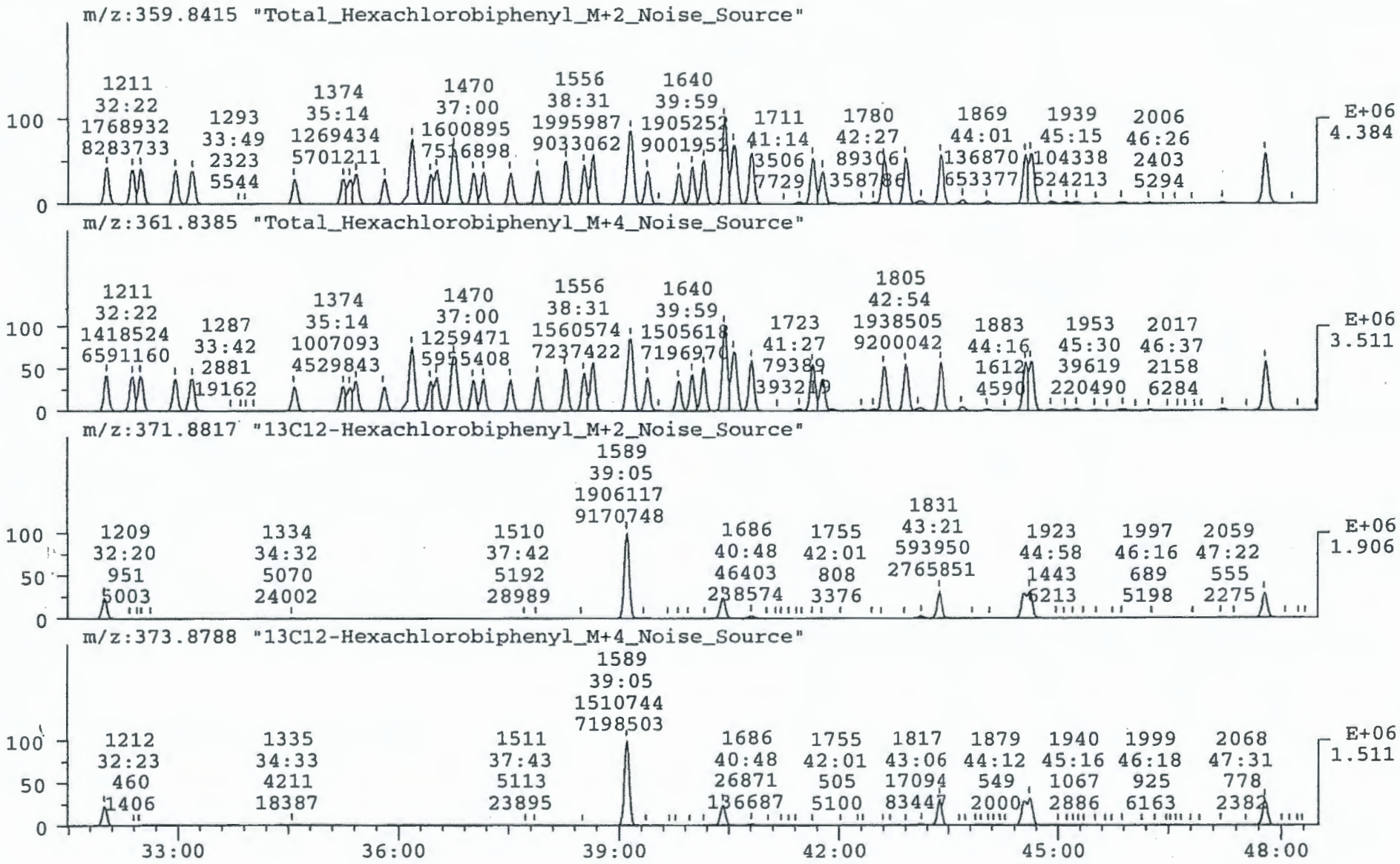
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  38:14      1540
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1495 > 1572           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



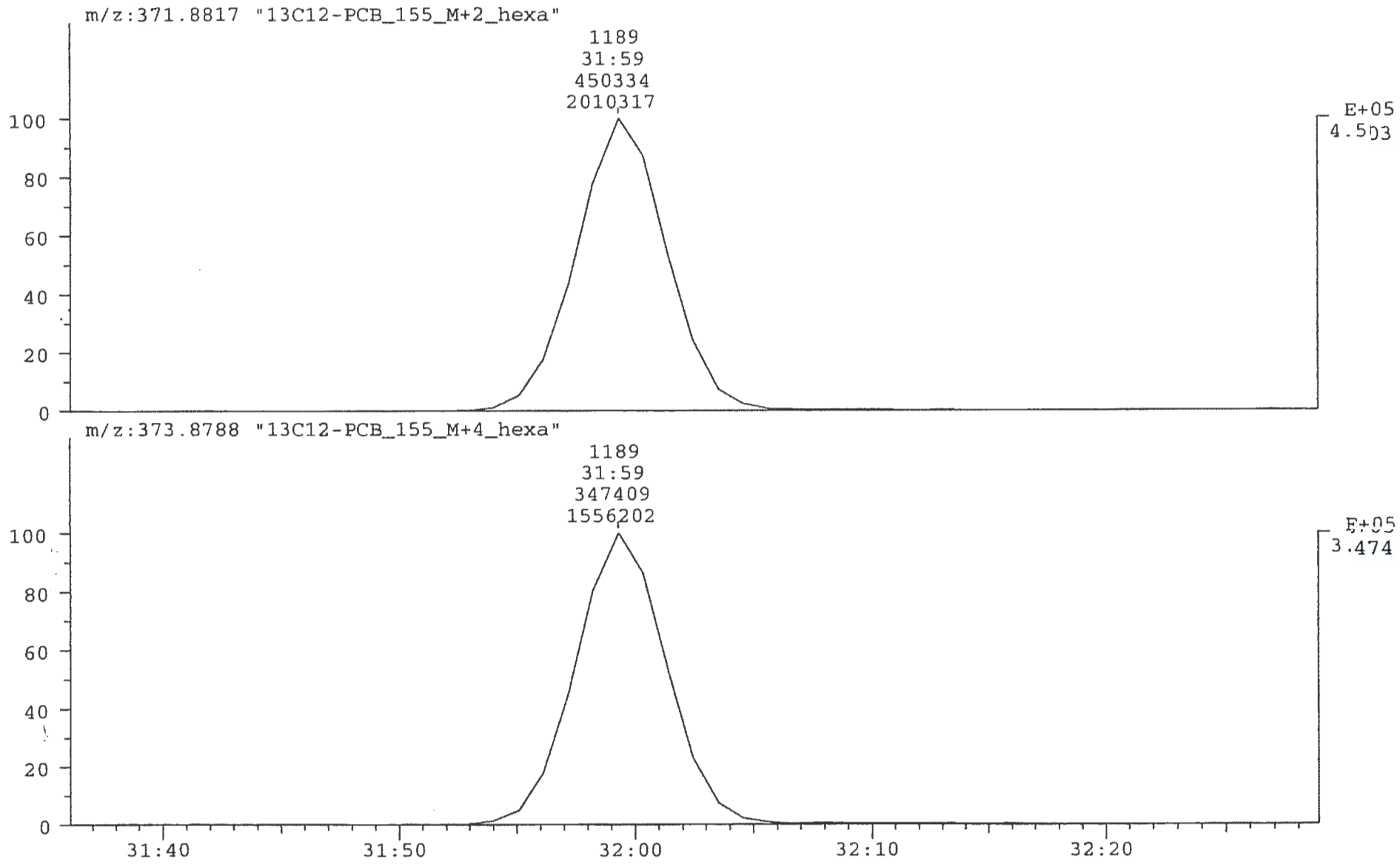
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  40:52      1690
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1615 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



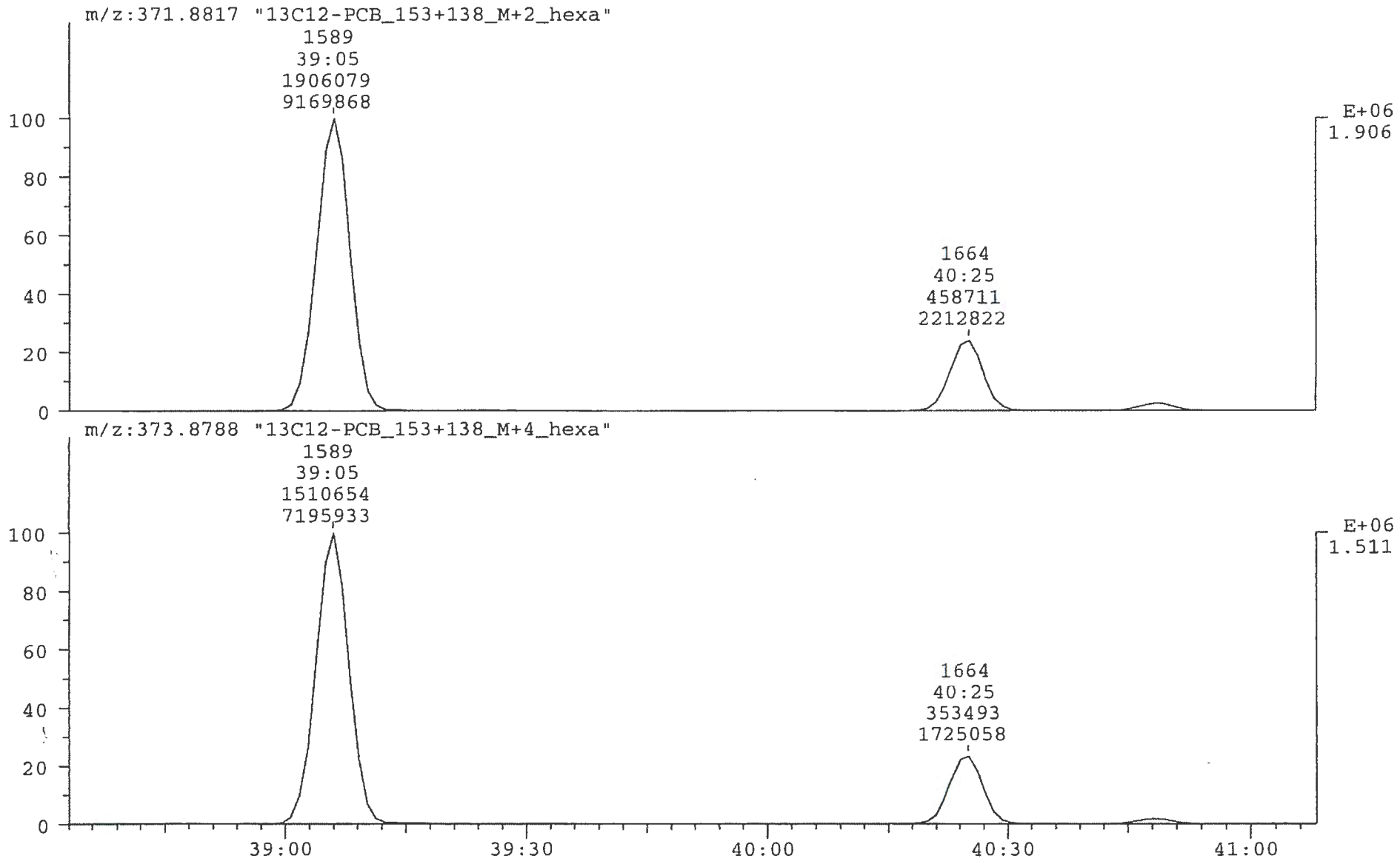
CHRO: a070313i4 13-Mar-07 Elapse: 39:58 1639
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1160 > 2123 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



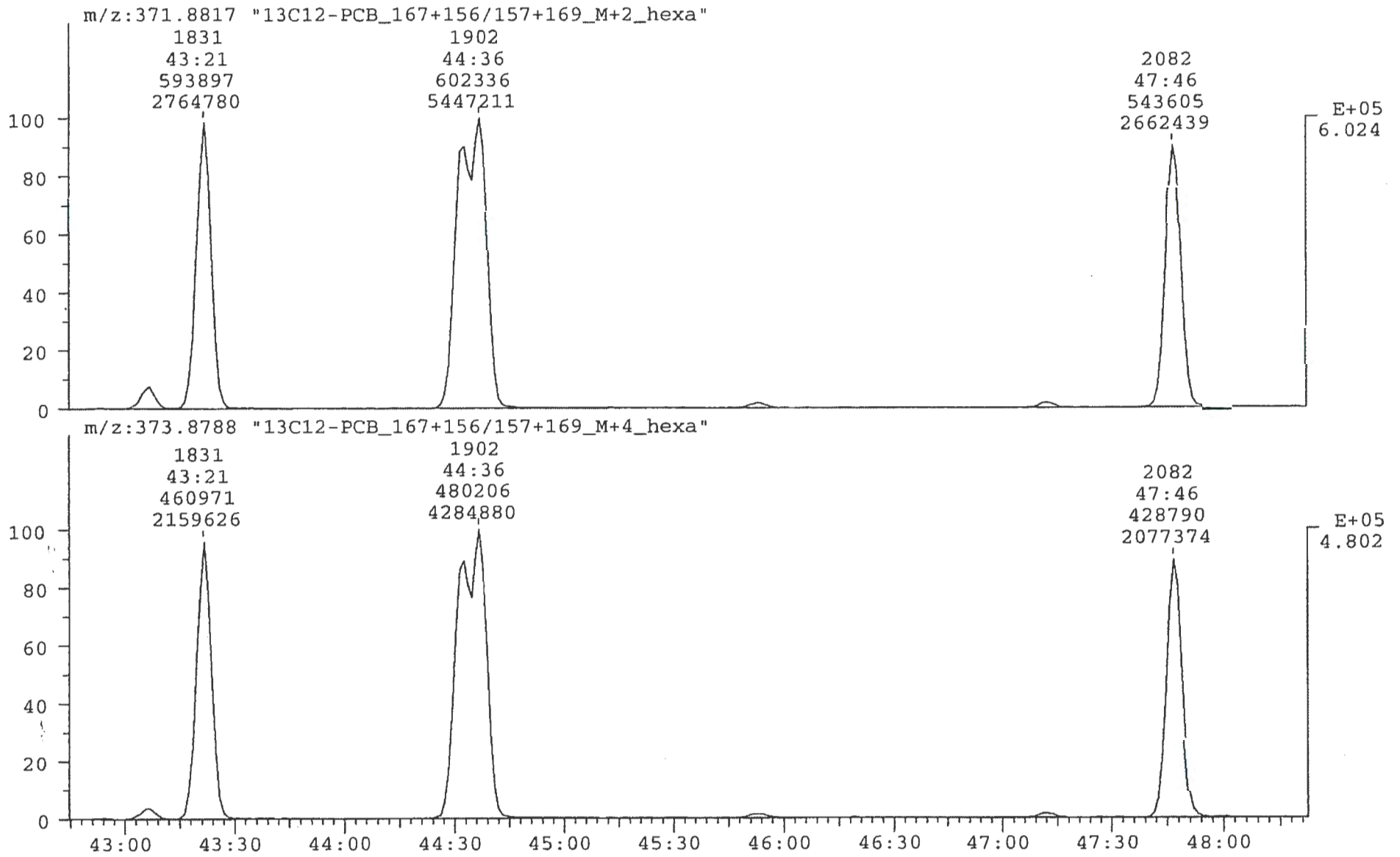
CHRO: a070313i4 13-Mar-07 Elapse: 32:02 1192
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1167 > 1217 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



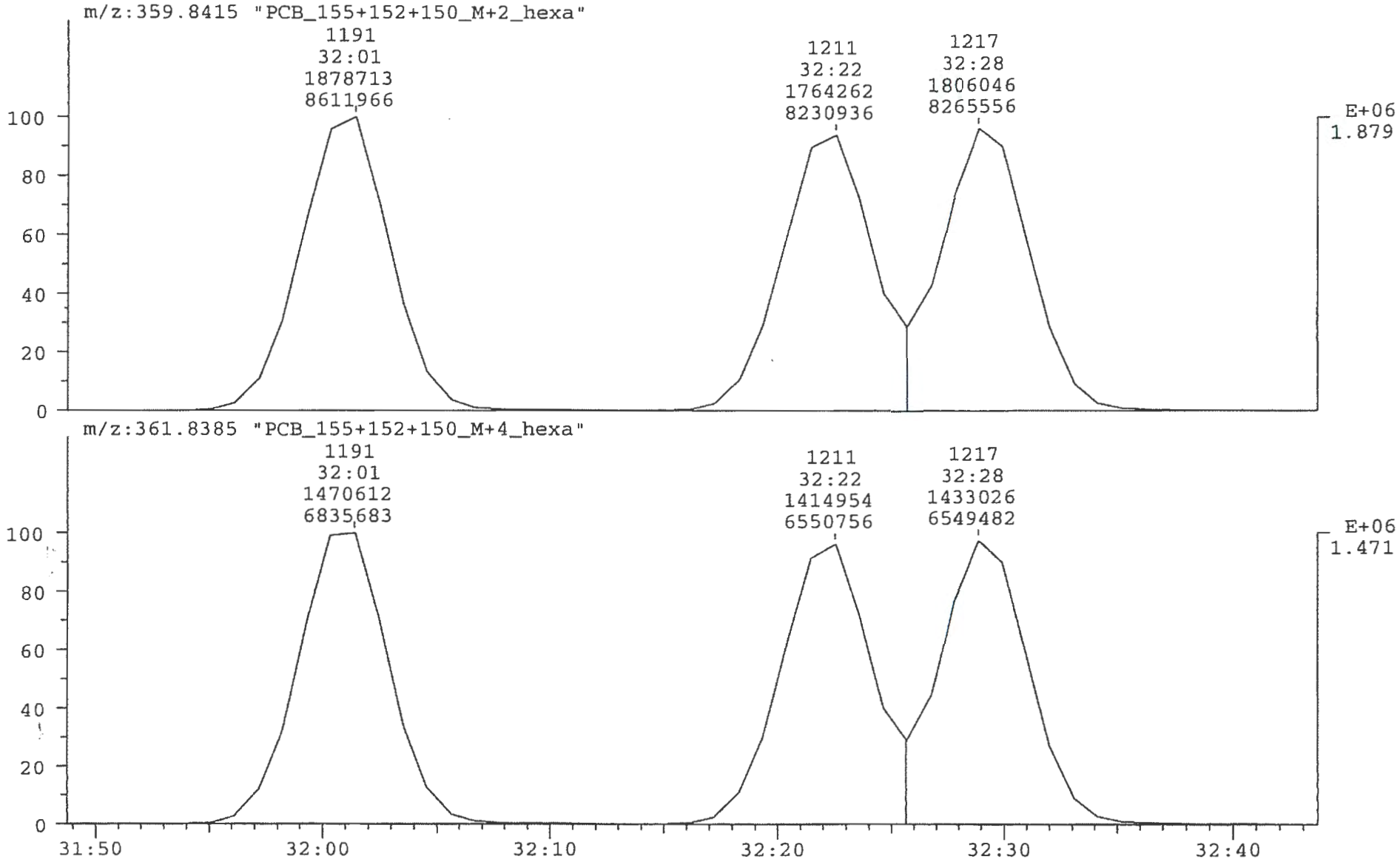
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  39:50      1631
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1558 > 1705           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



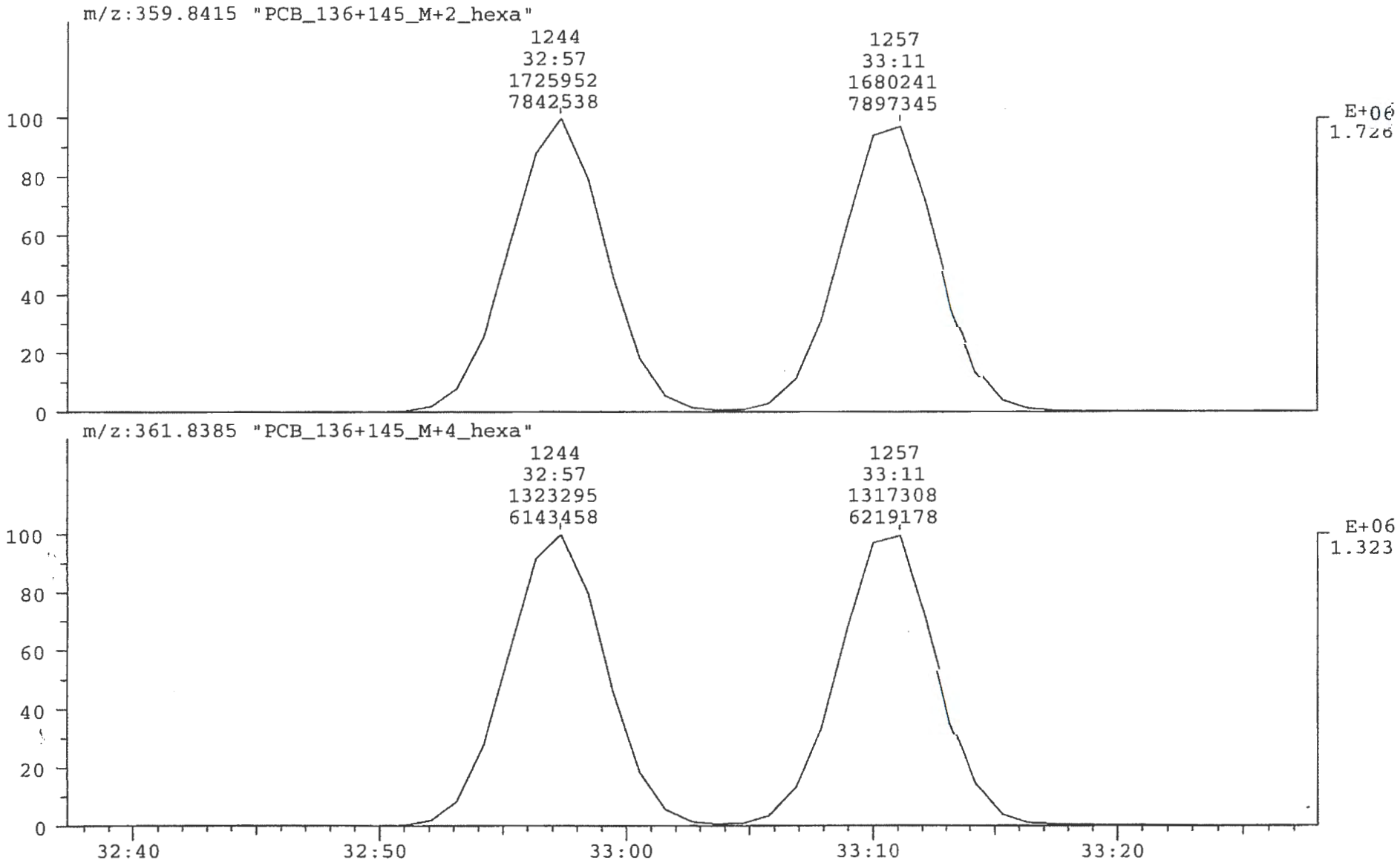
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  48:00      2095
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1796 > 2116           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



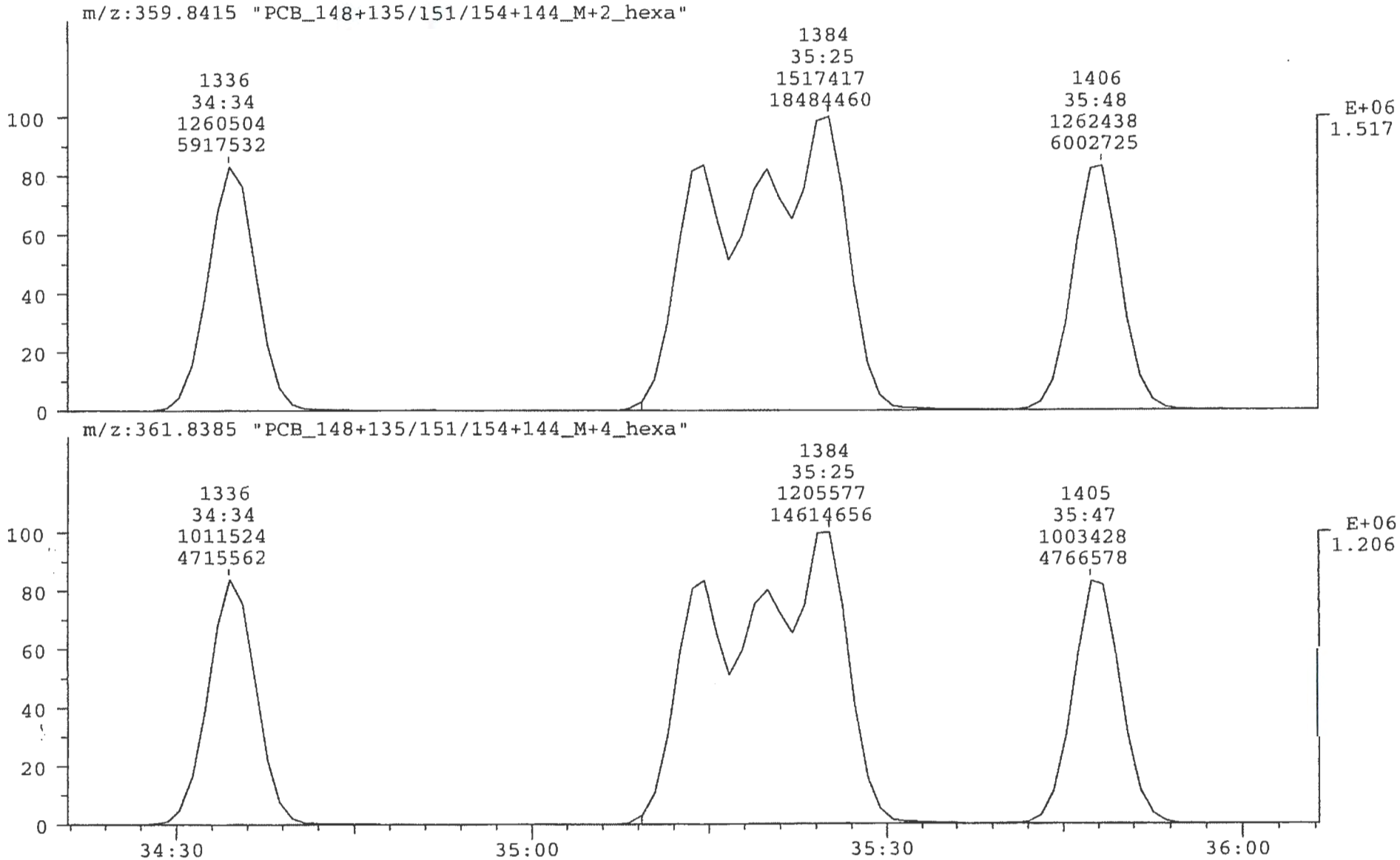
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  32:20      1209
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1179 > 1231           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



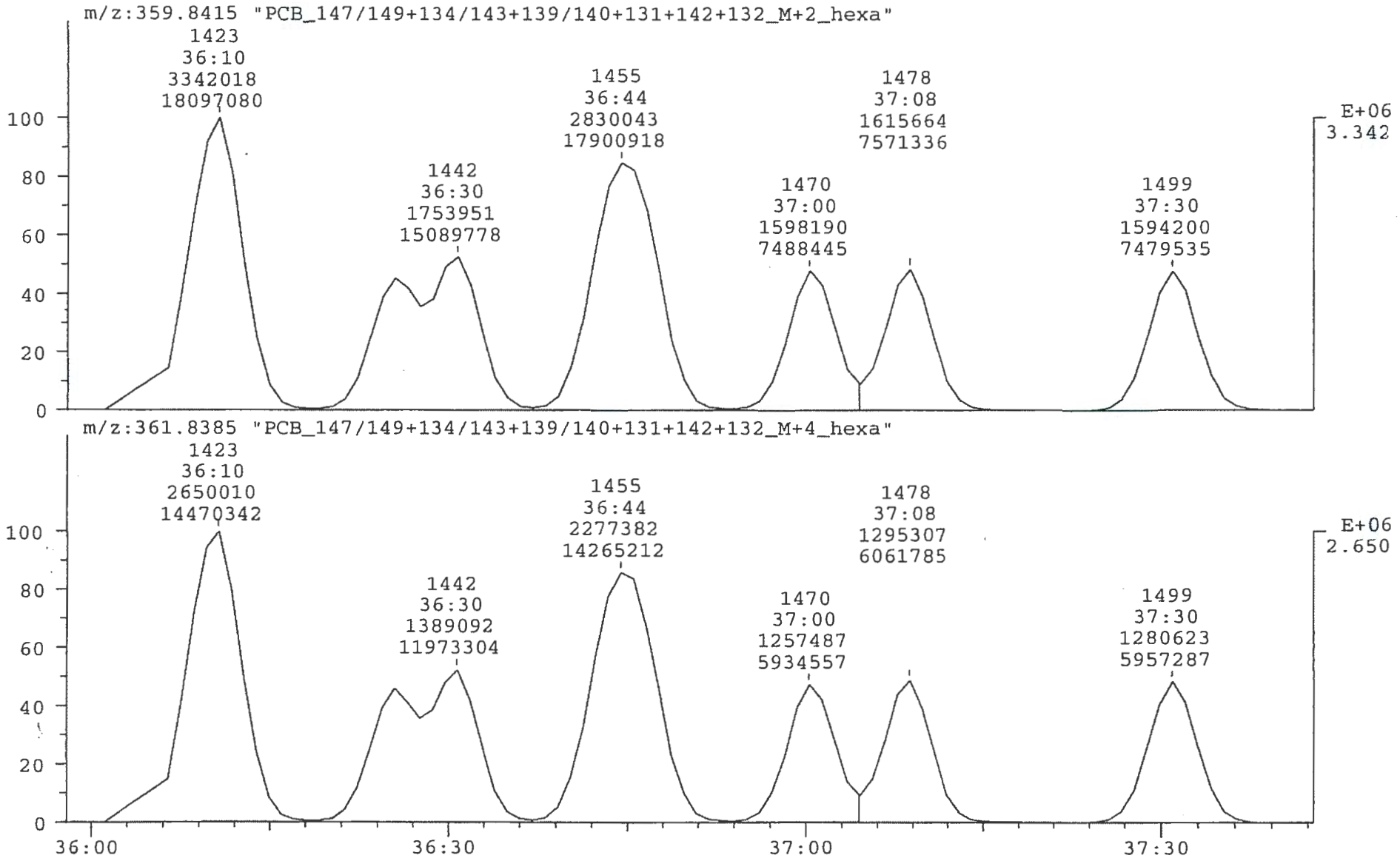
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  33:09      1255
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1225 > 1273           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



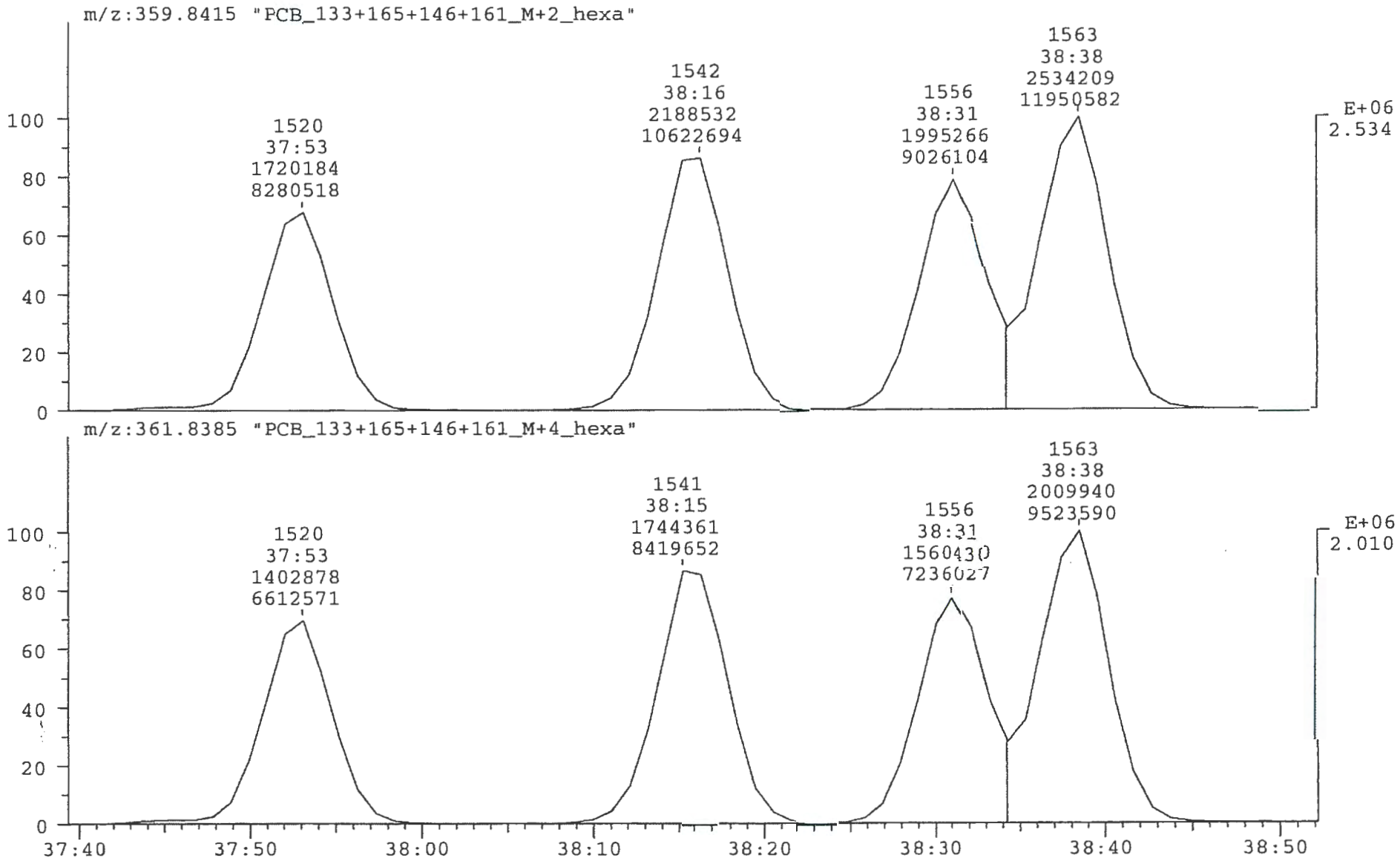
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  35:22      1381
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1323 > 1419           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



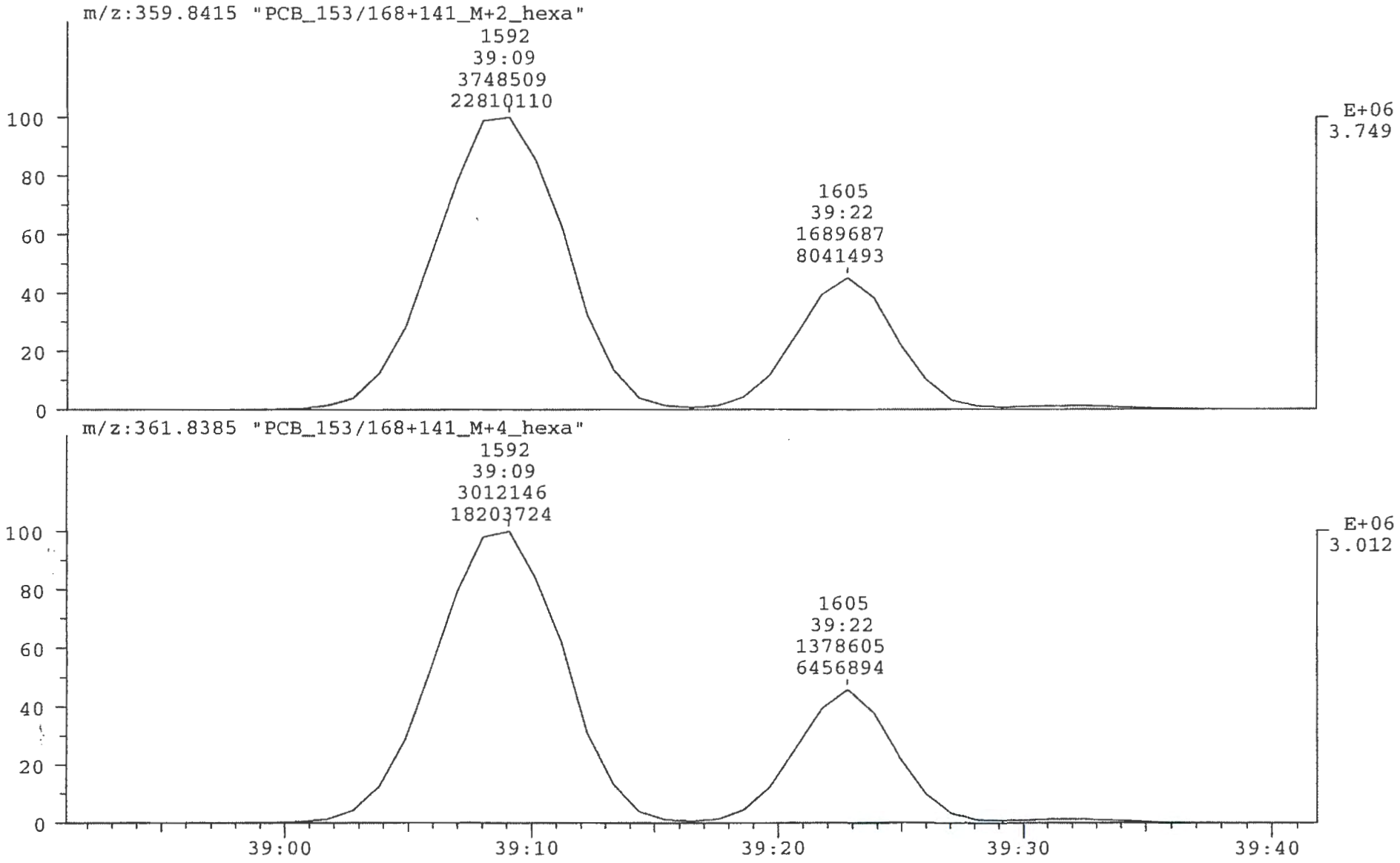
CHRO: a070313i4 13-Mar-07 Elapse: 36:46 1457
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1415 > 1510 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i4 13-Mar-07 Elapse: 38:21 1547
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1507 > 1576 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  39:20      1603
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   7
Peak:  100.00  ppm     Label wndw:   1575 > 1623            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  40:23      1662
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1616 > 1702           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 7                Label :  -3, 3.0
Disp:  Height  Area
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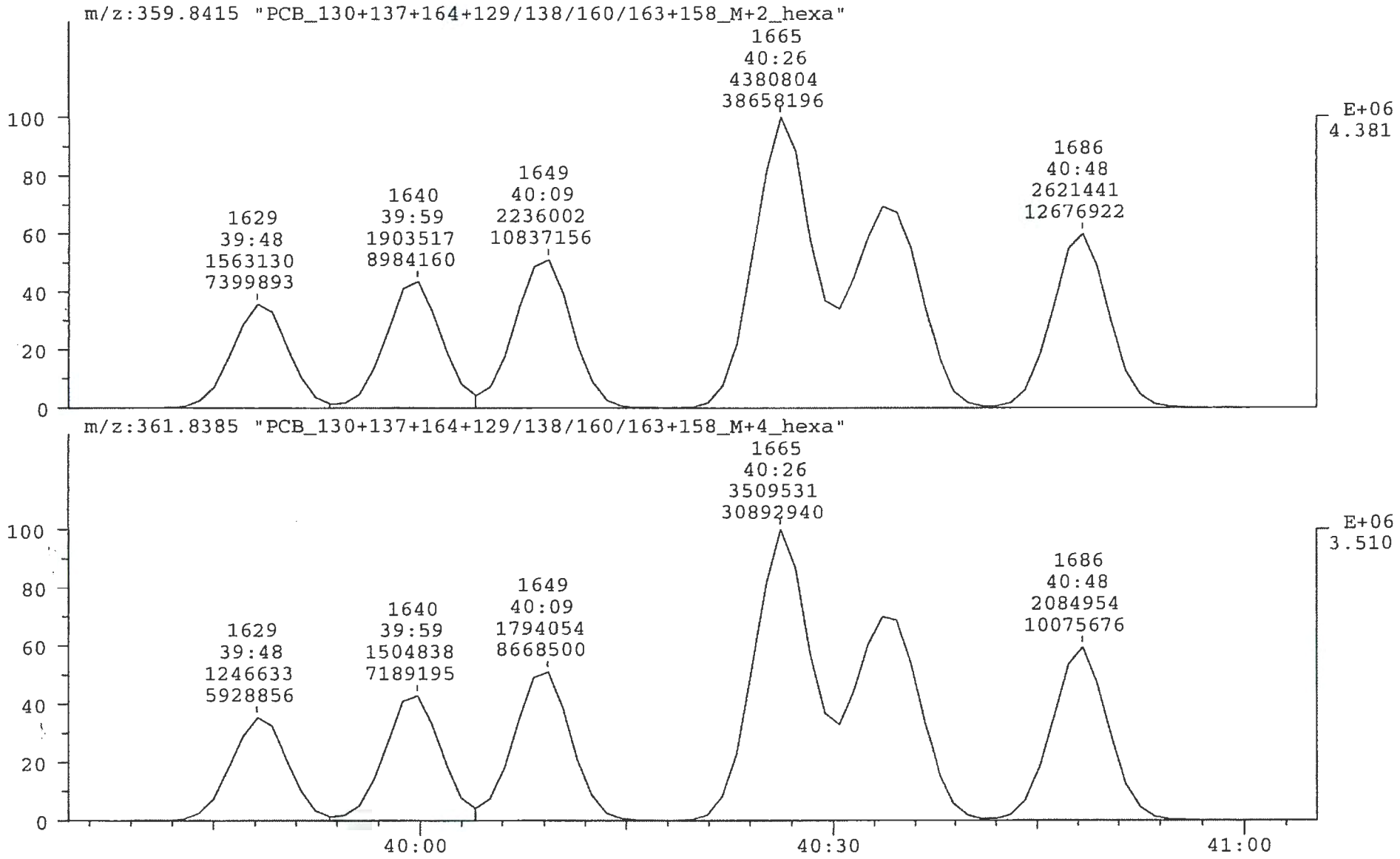
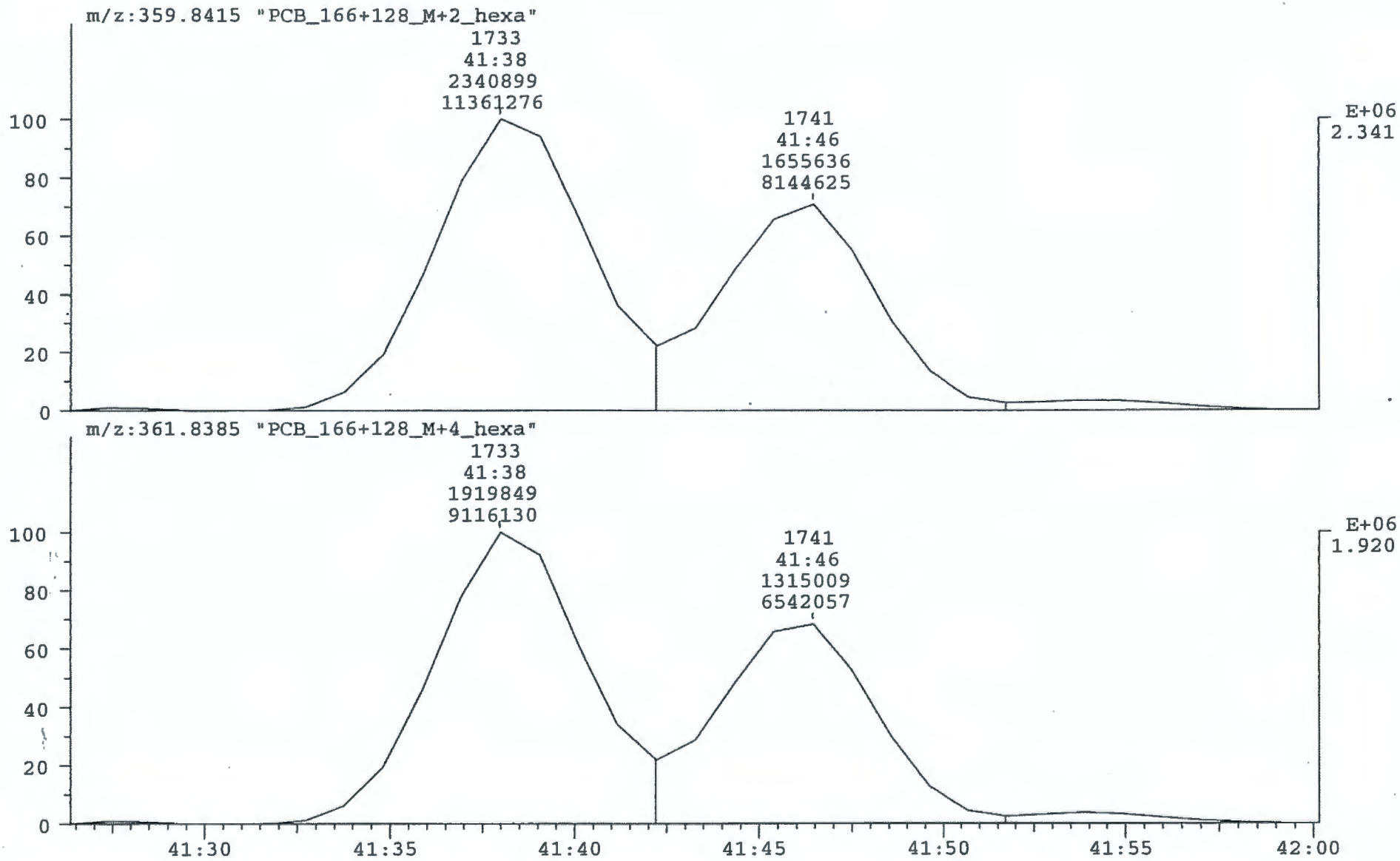
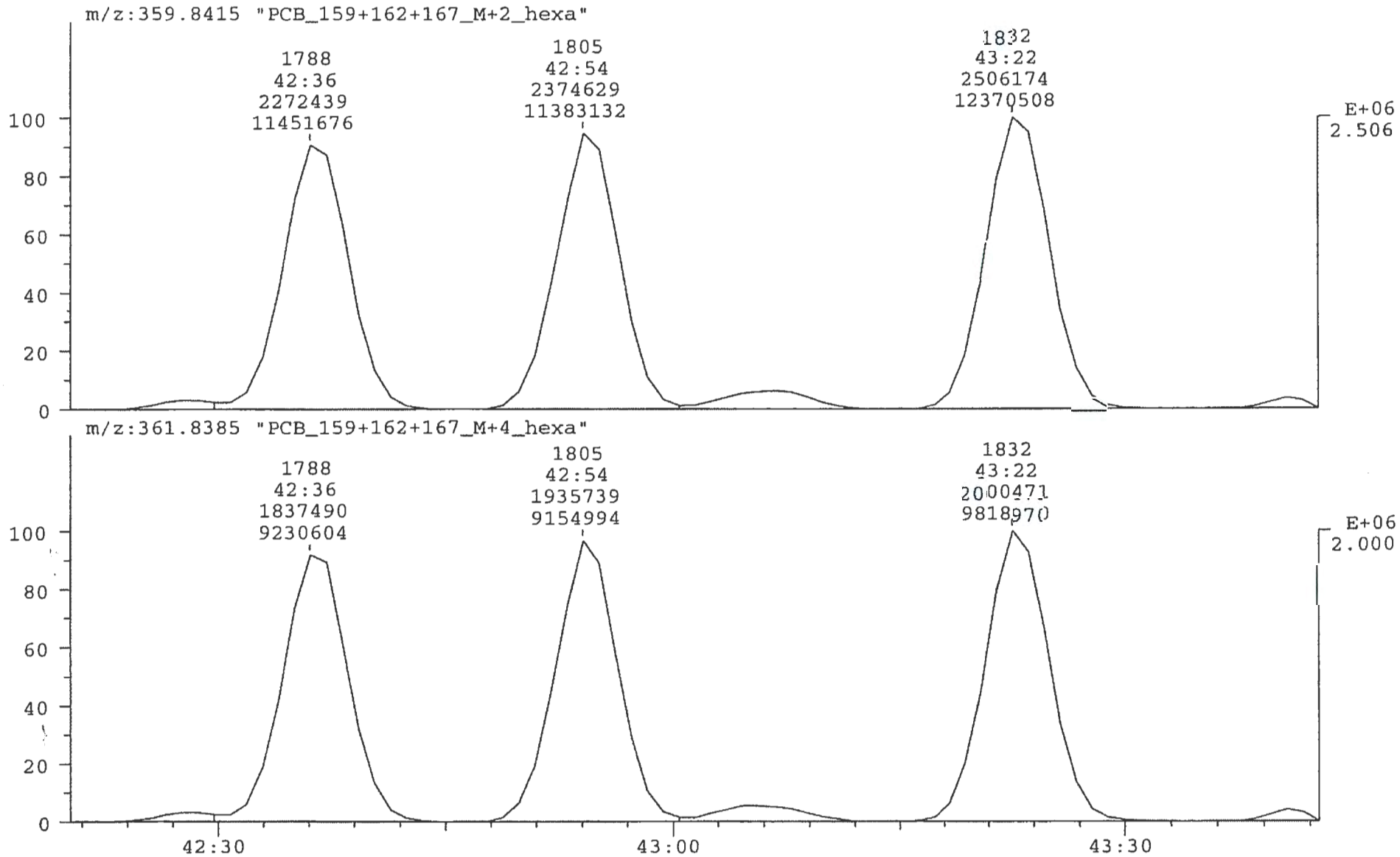


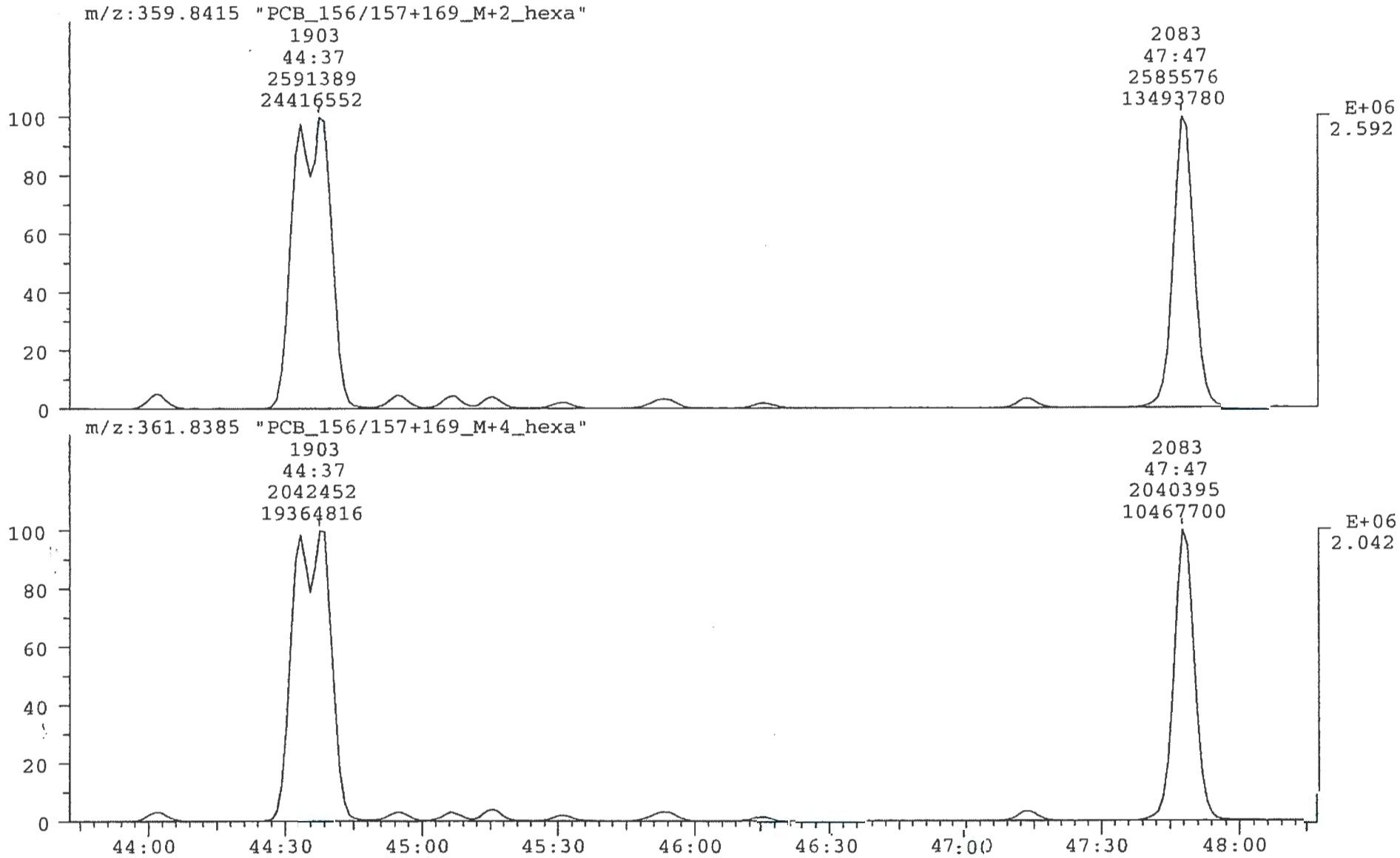
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  41:47      1742
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1722 > 1754           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



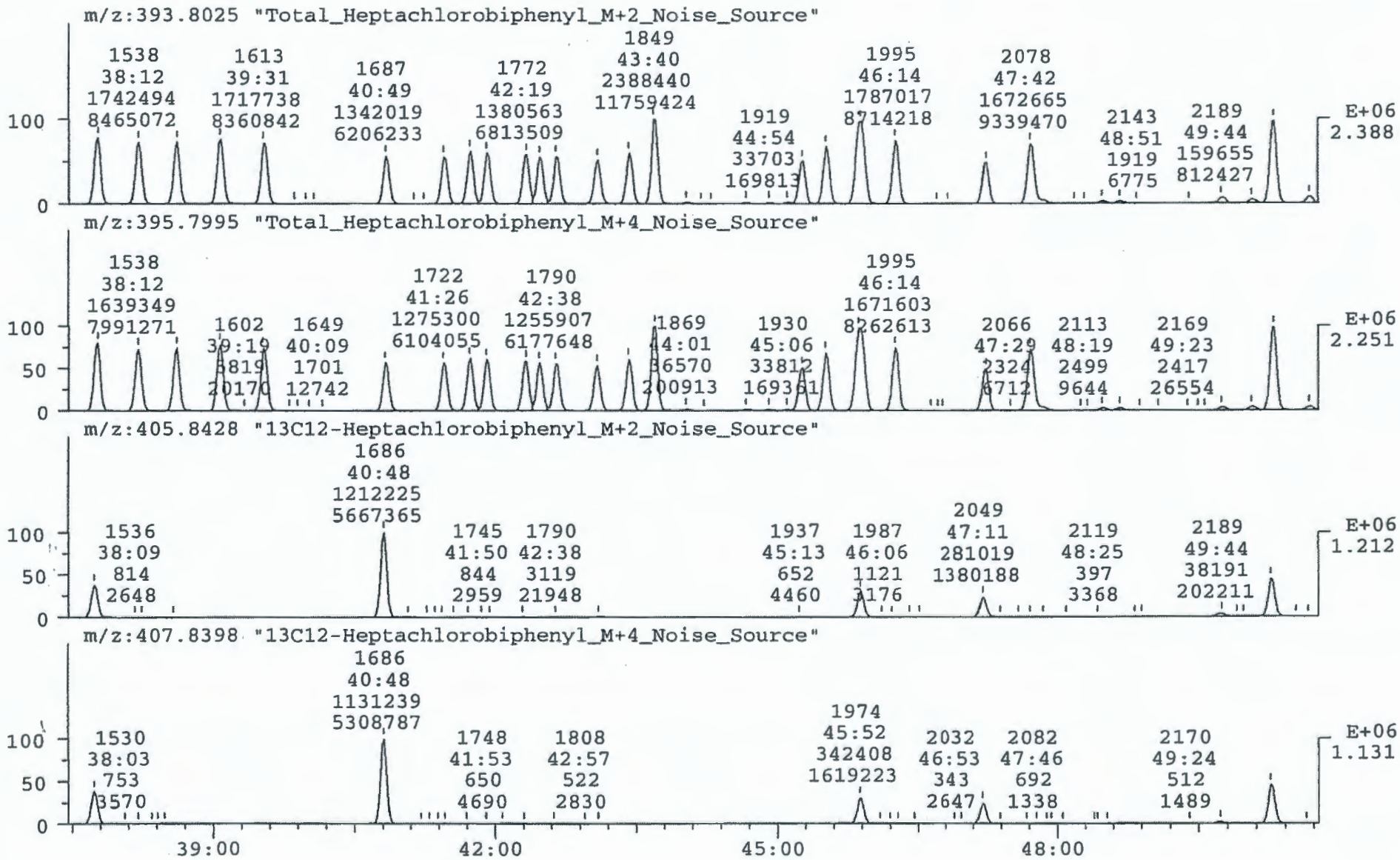
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  43:05      1816
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  7
Peak:  100.00  ppm      Label wndw:   1773 > 1851           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



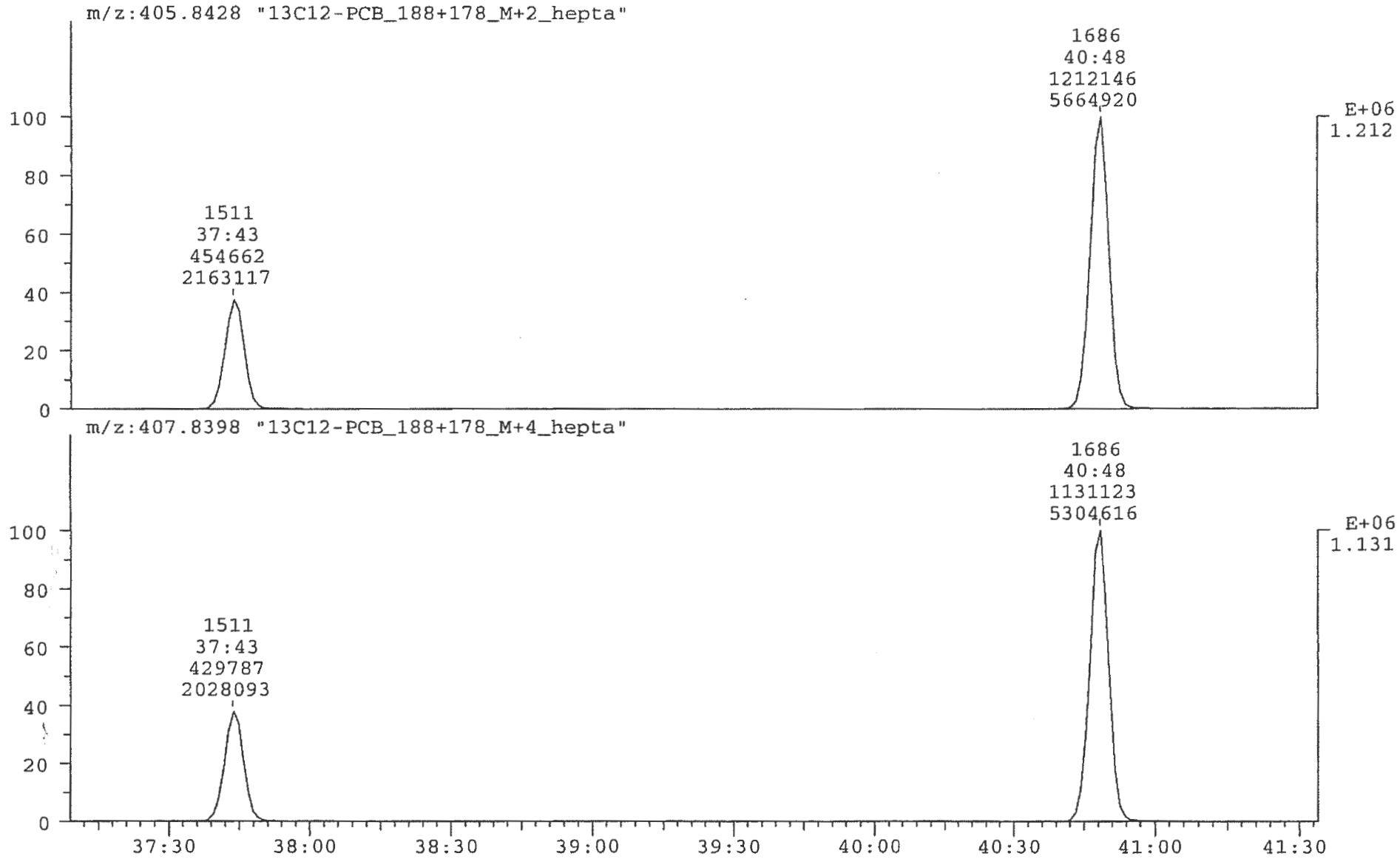
CHRO: a070313i4 13-Mar-07 Elapse: 46:15 1996
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1851 > 2111 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 8 Label : -3, 3.0
Disp: Height Area



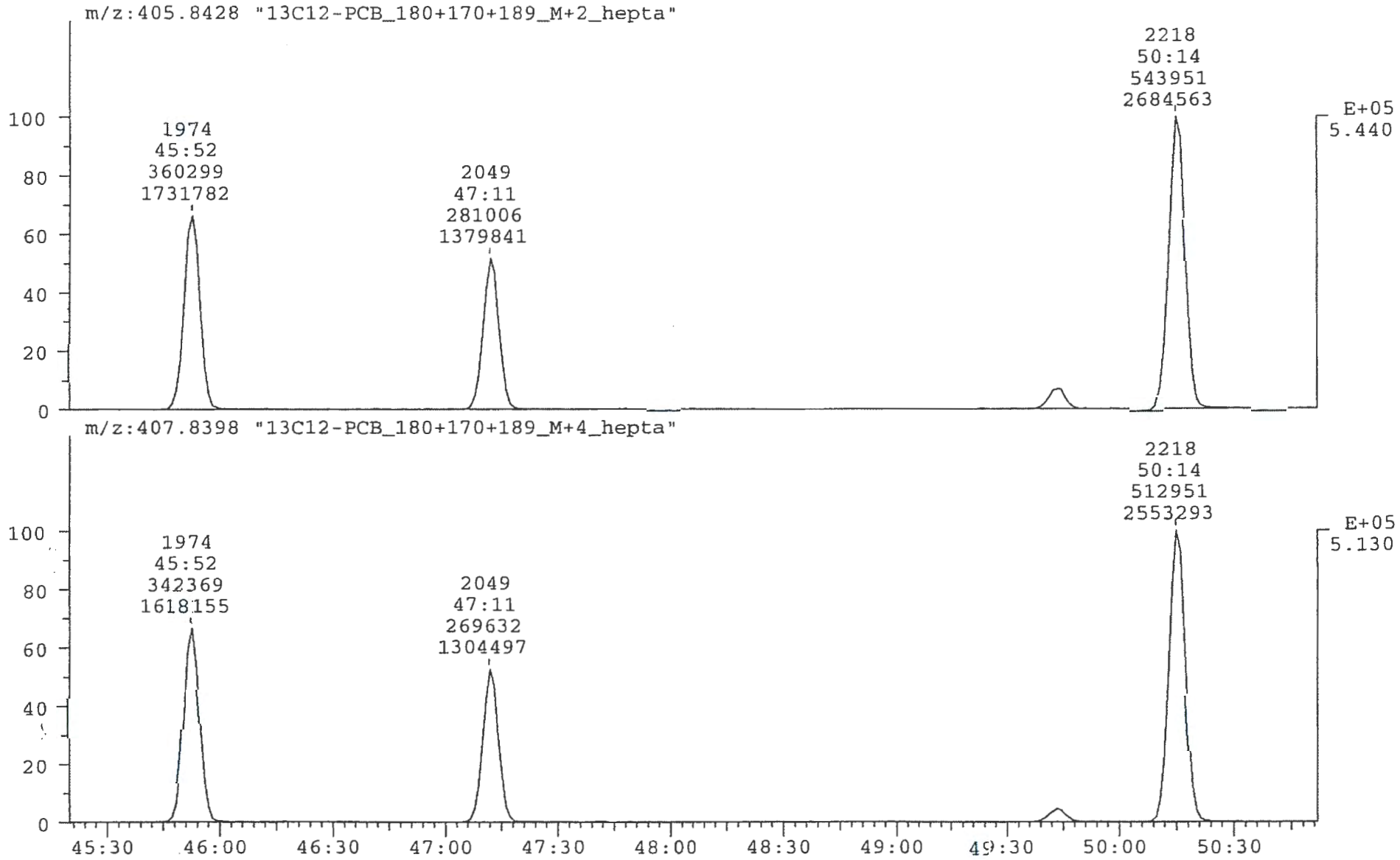
CHRO: a070313i4 13-Mar-07 Elapse: 44:05 1873
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1495 > 2247 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  39:20      1603
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1478 > 1729           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

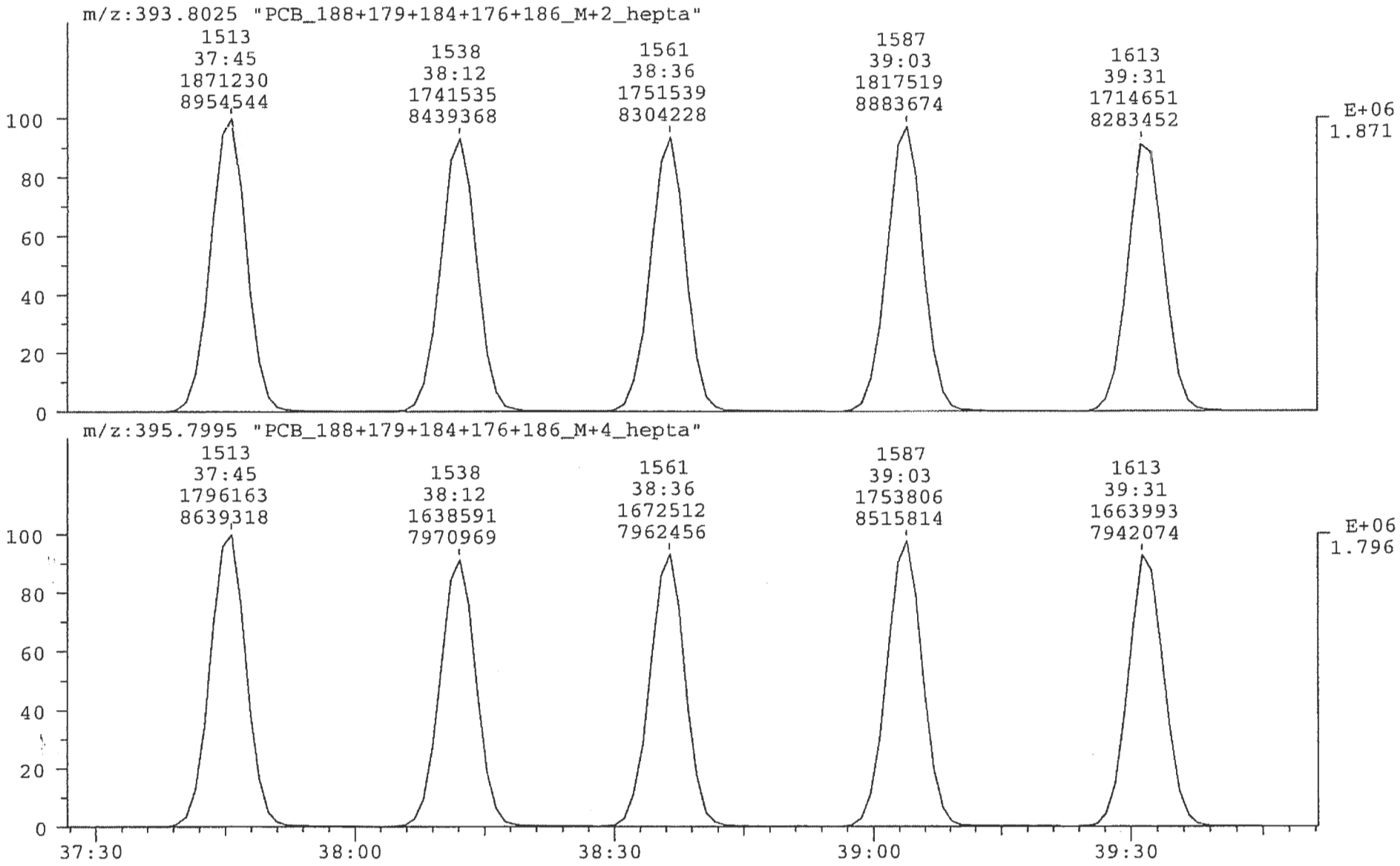


CHRO: a070313i4 13-Mar-07 Elapse: 48:08 2103
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1943 > 2253 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

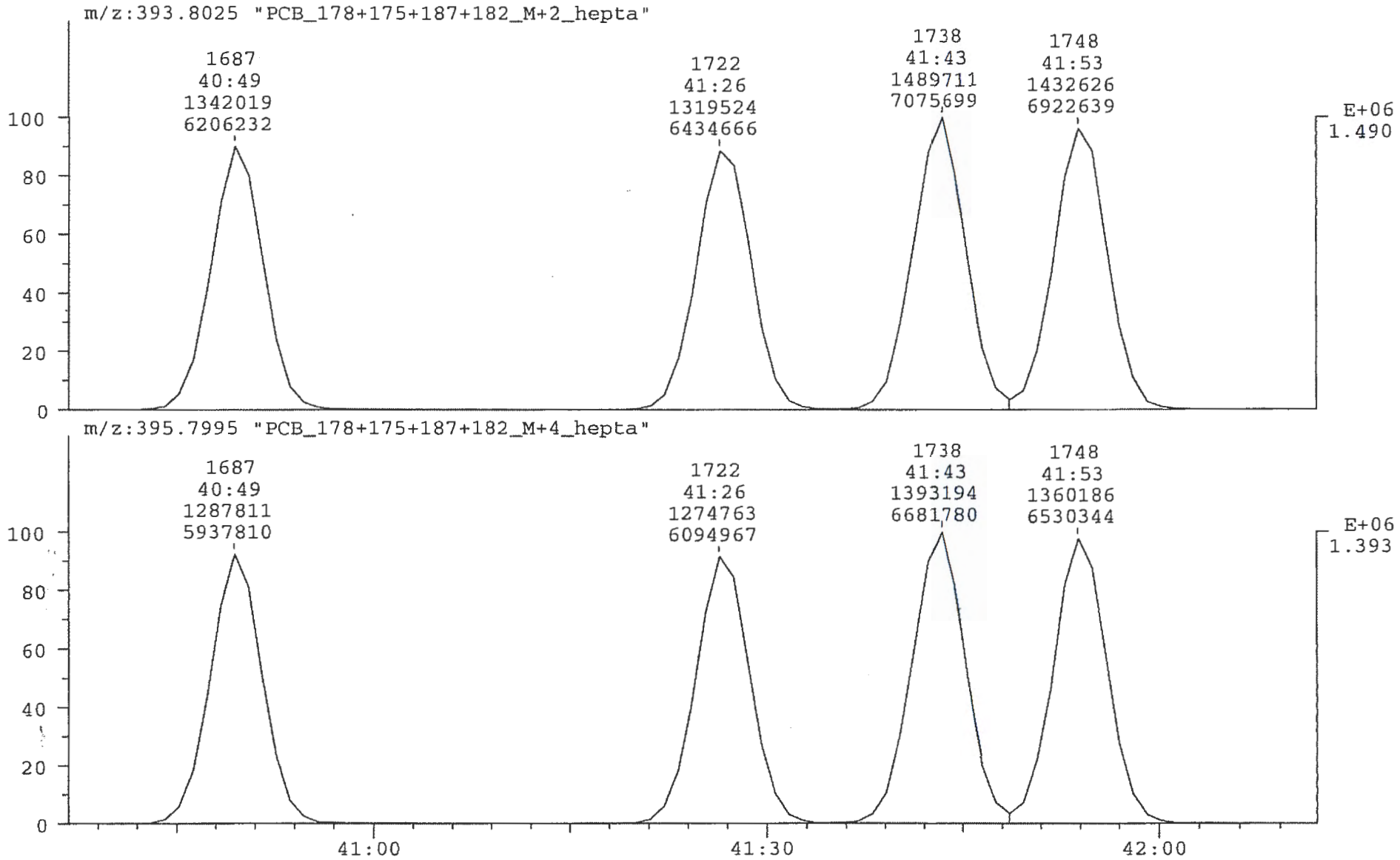


1615

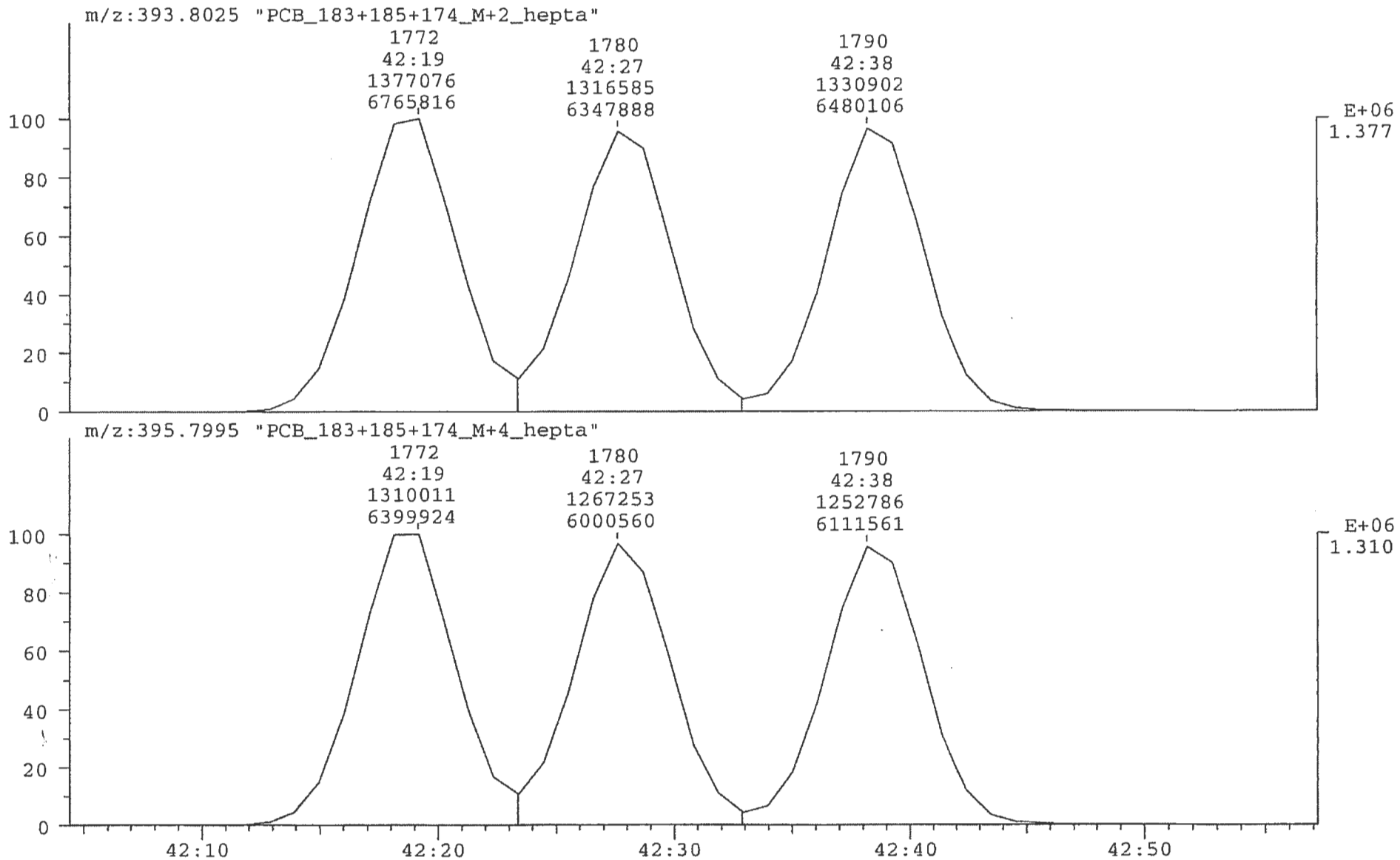
CHRO: a070313i4 13-Mar-07 Elapse: 38:42 1567
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1495 > 1632 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



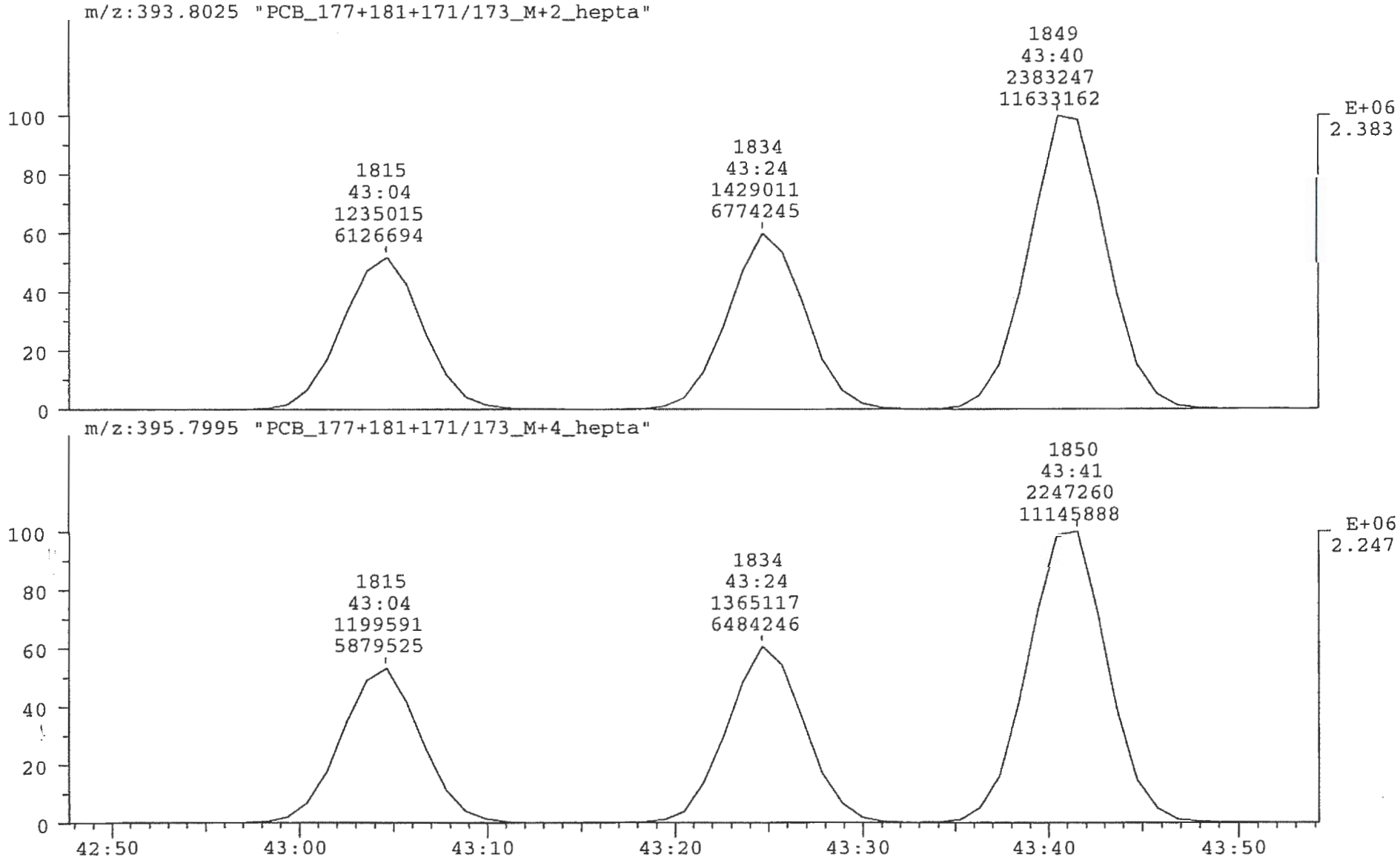
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  41:29      1725
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1675 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



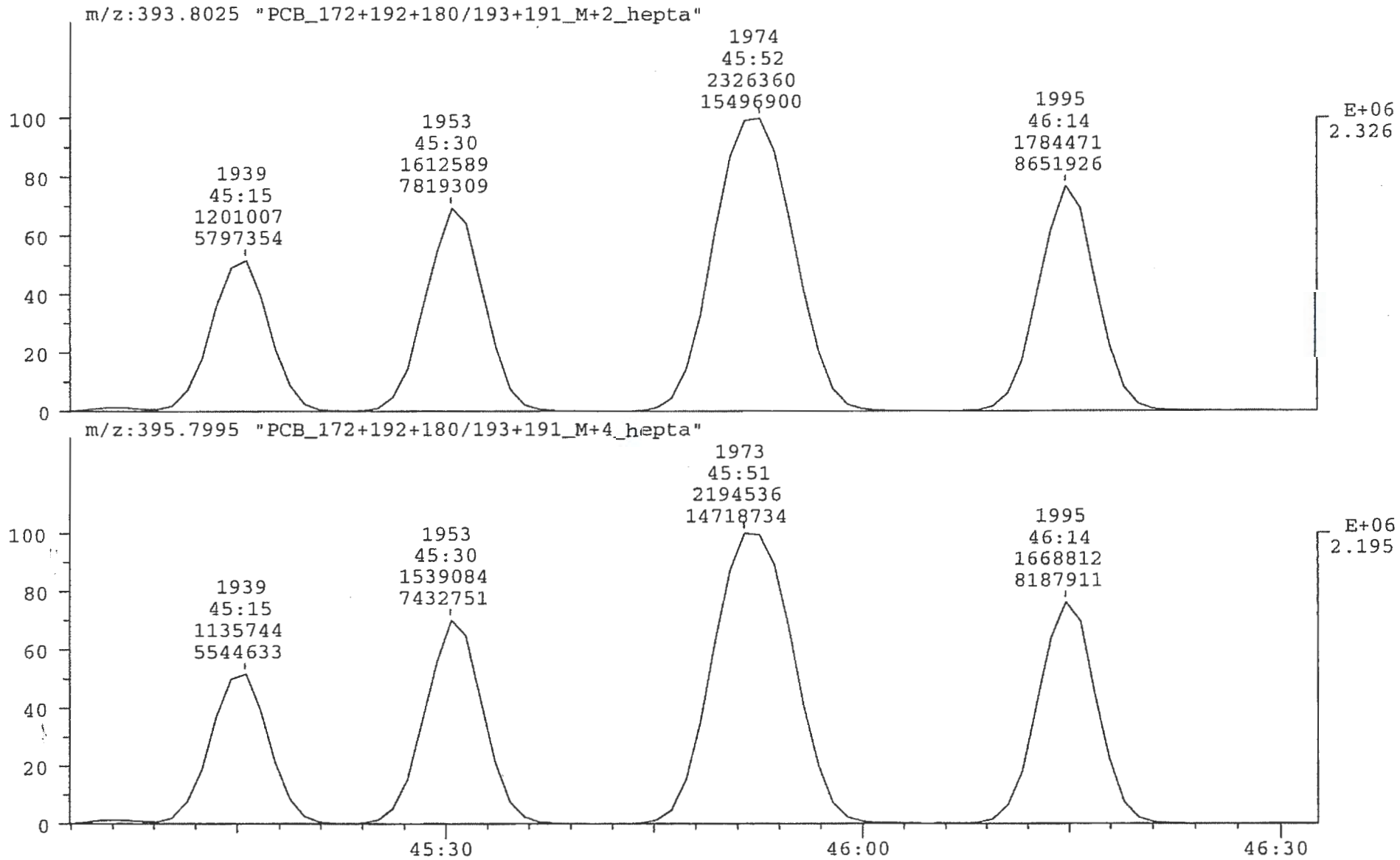
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  42:41      1793
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1758 > 1808           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070313i4 13-Mar-07 Elapse: 43:27 1837
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1799 > 1862 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

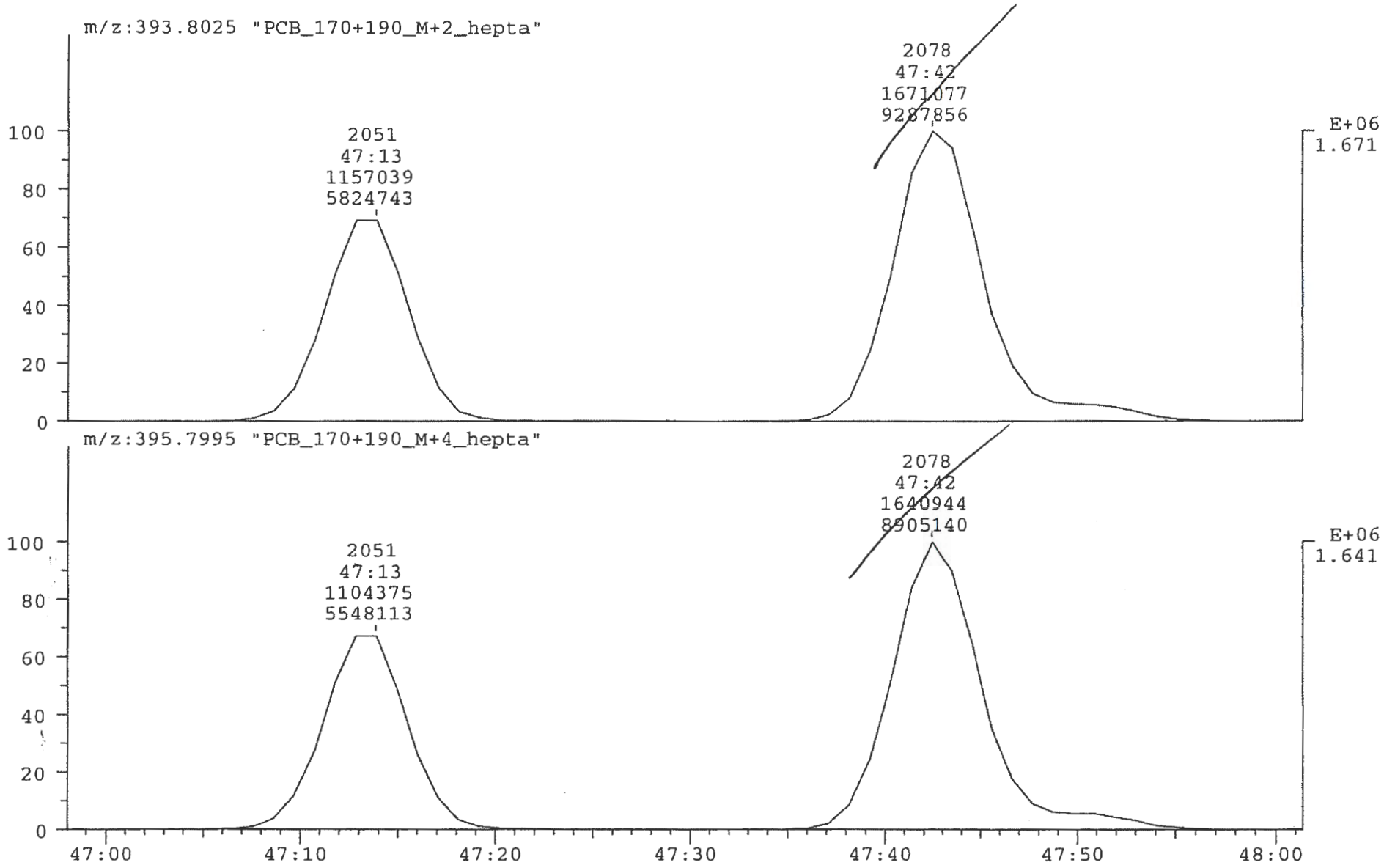


```
CHRO:  a070313i4                                13-Mar-07   Elapse:  45:55      1977
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1927 > 2012           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

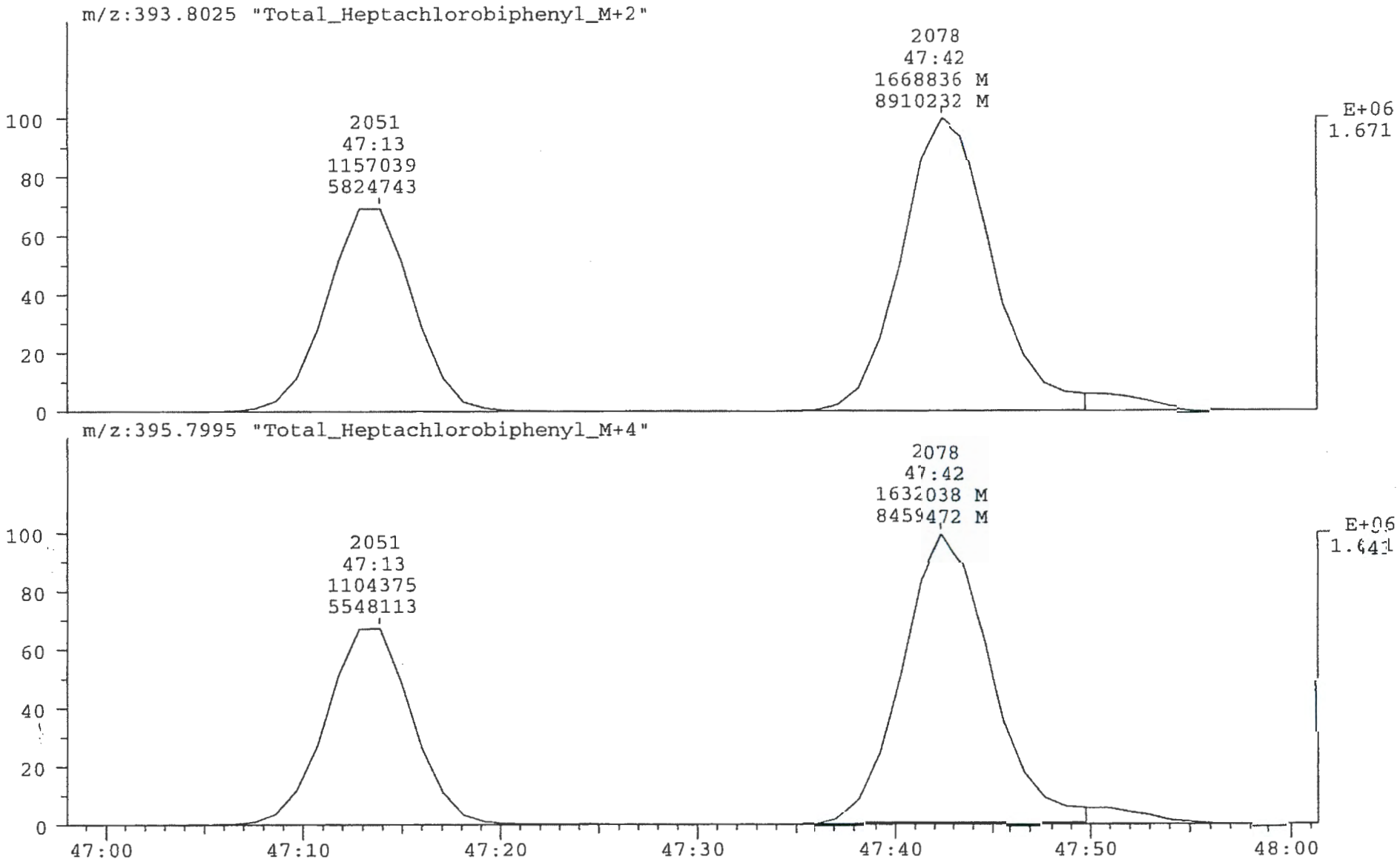


1620

CHRO: a070313i4 13-Mar-07 Elapse: 47:35 2071
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 2036 > 2096 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area

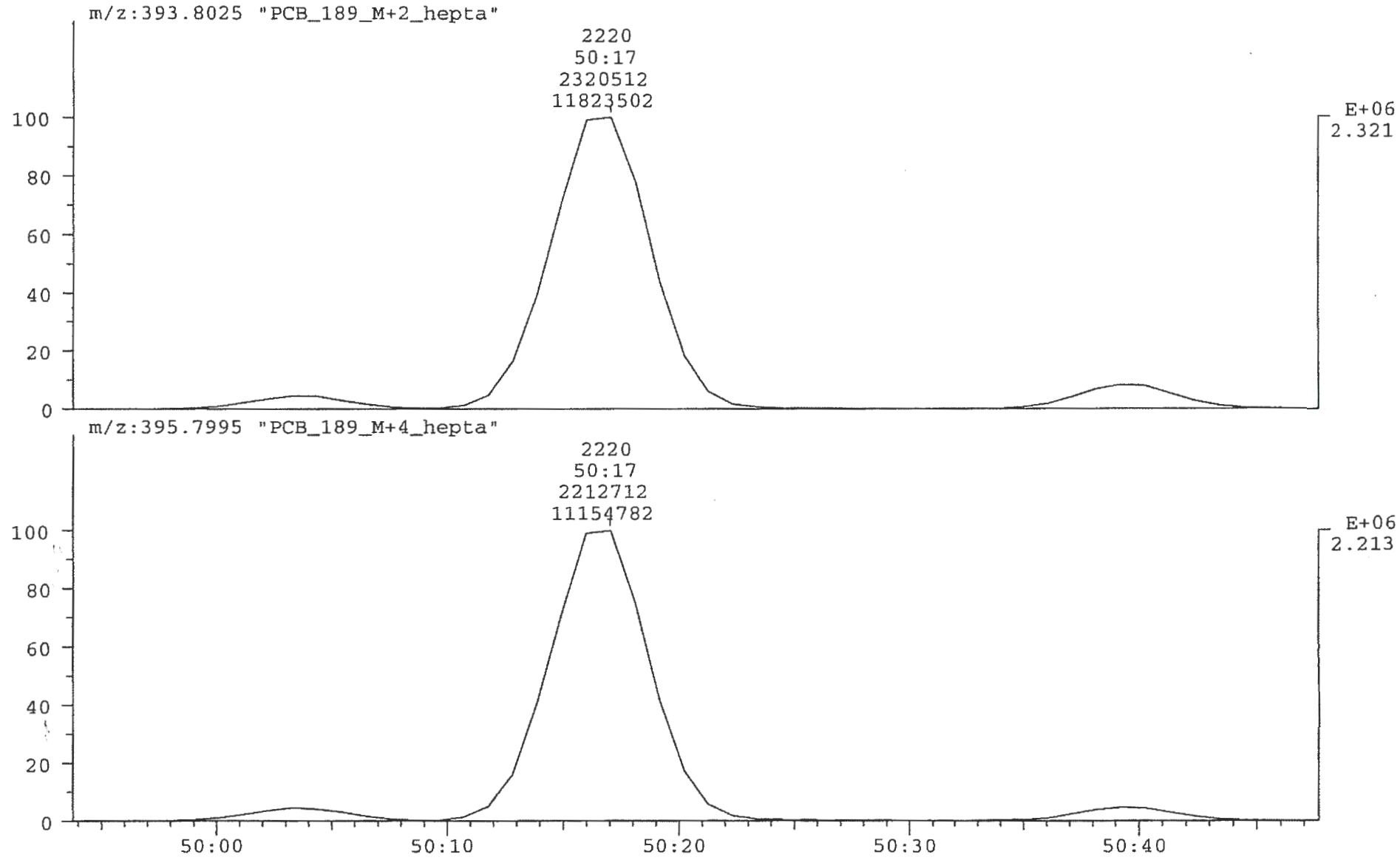


```
CHRO:  a070313i4                                13-Mar-07   Elapse:  26:00.4      849
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2036 > 2096           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```

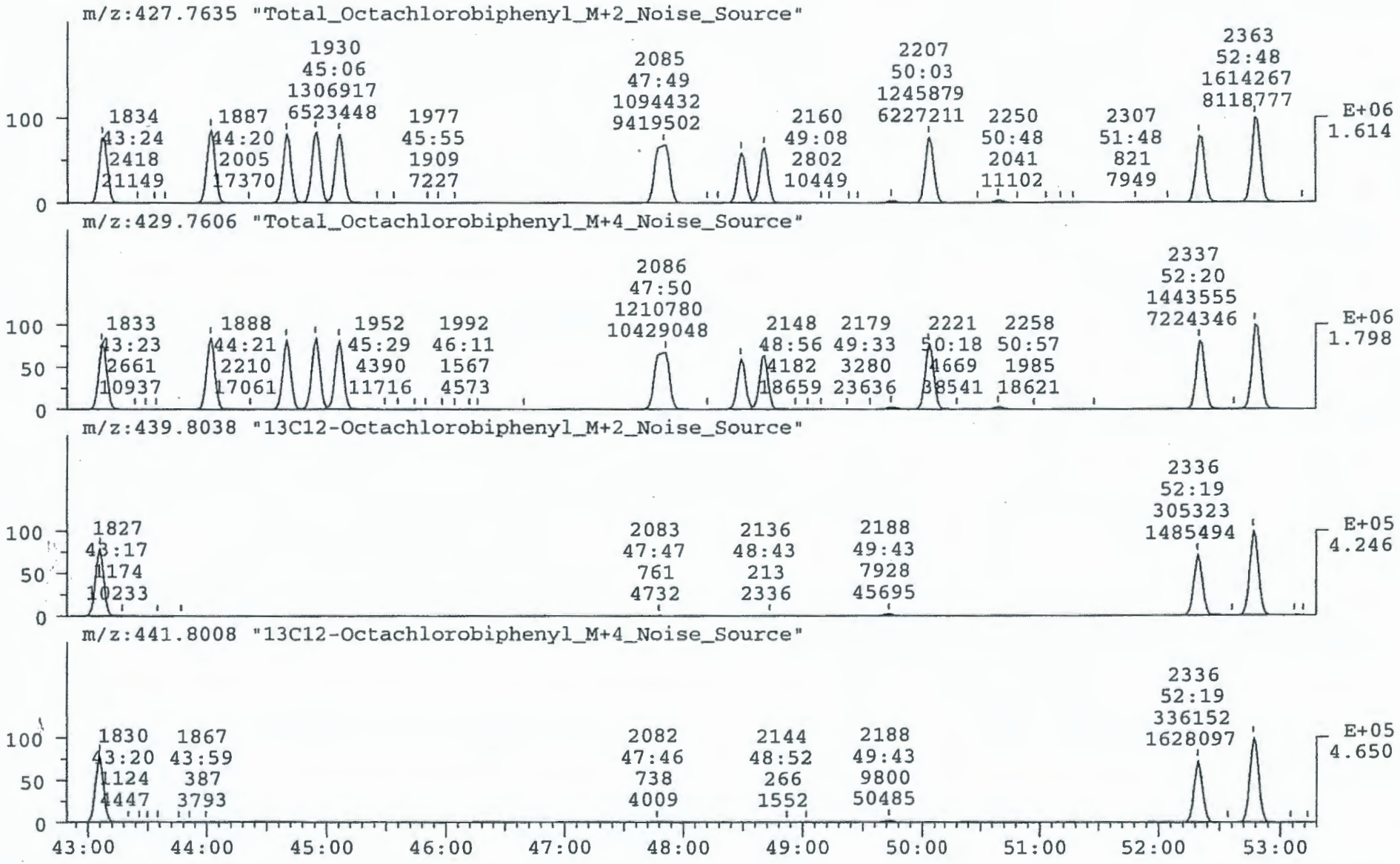


1622

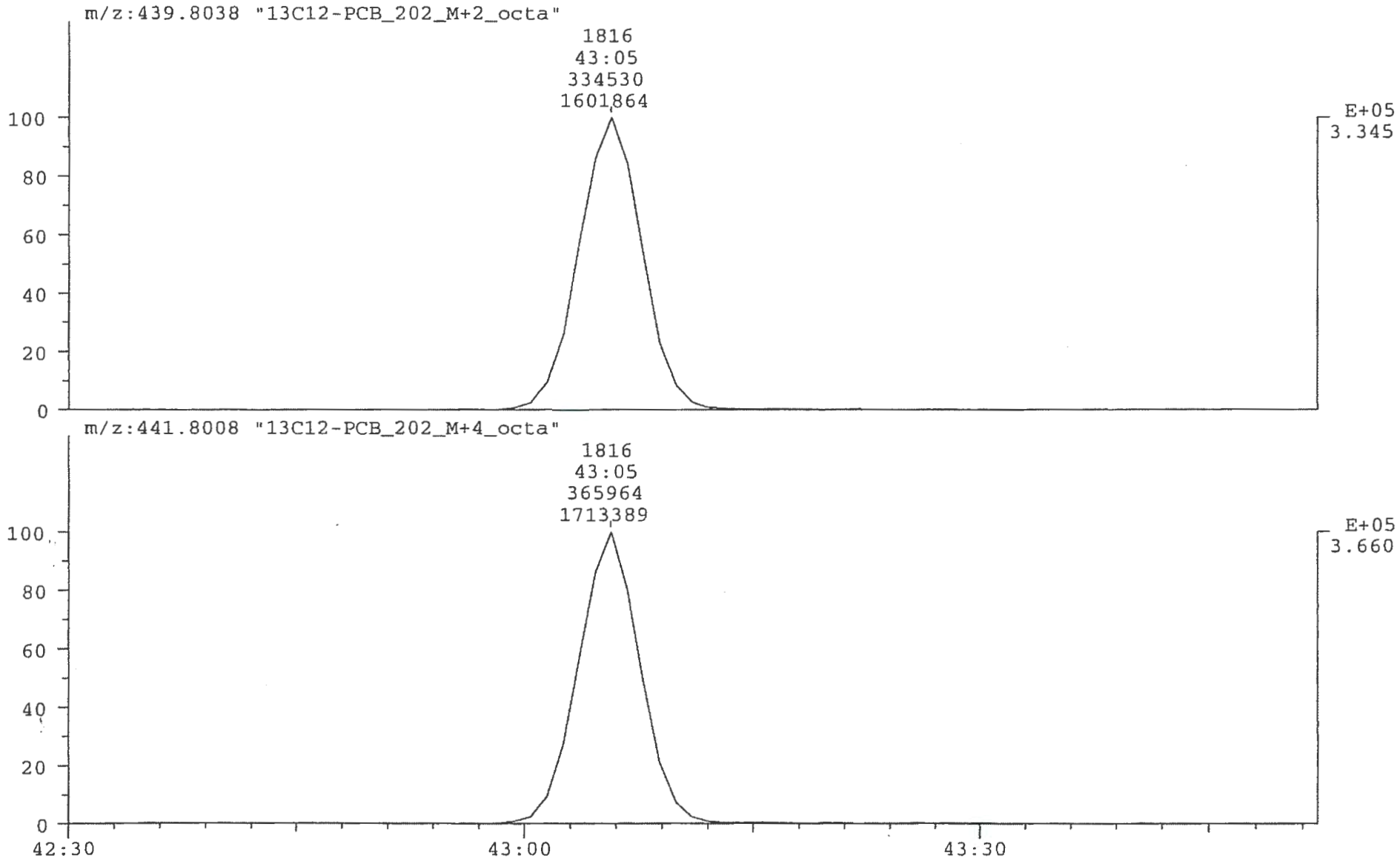
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  50:19      2222
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2198 > 2249           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



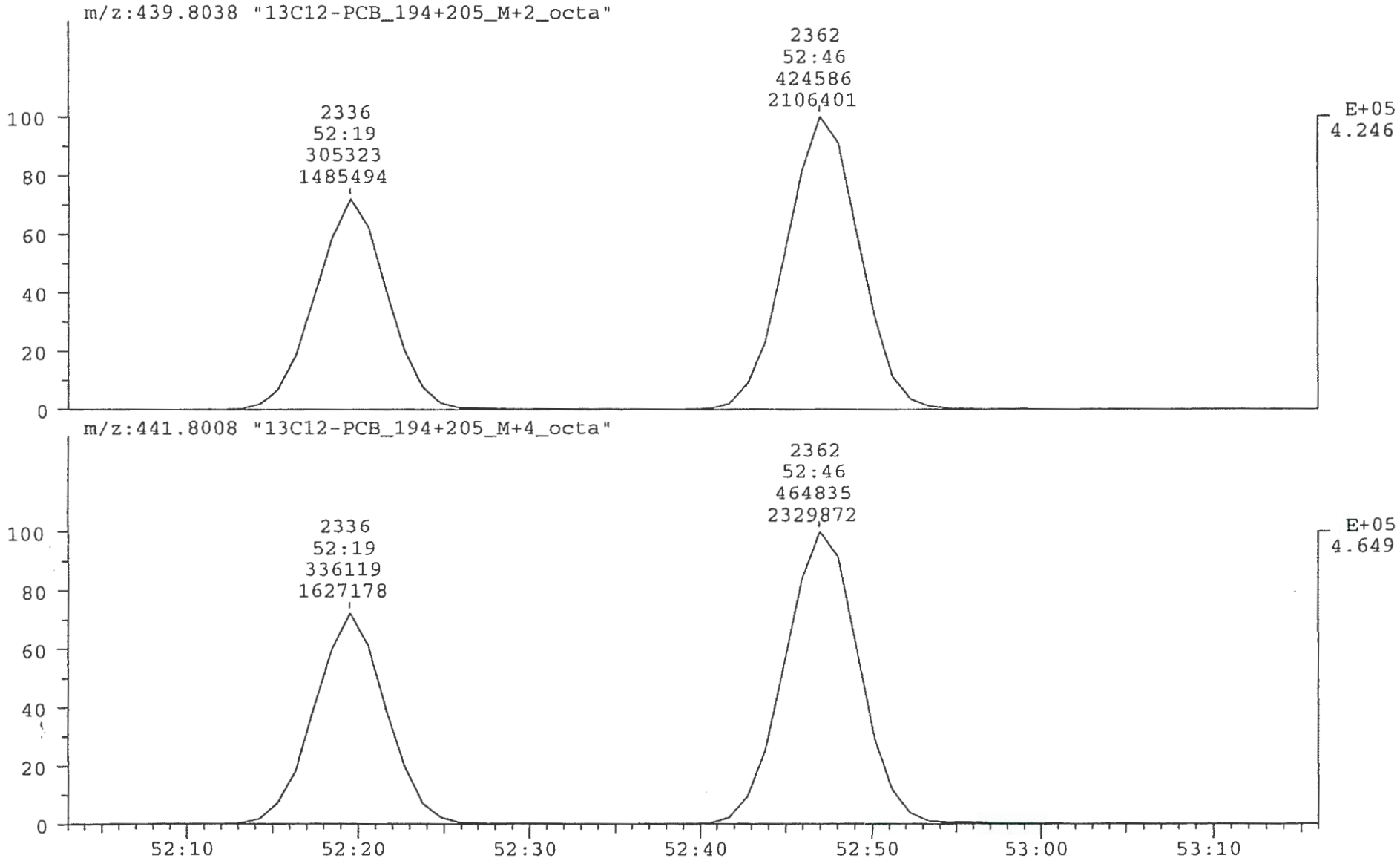
CHRO: a070313i4 13-Mar-07 Elapse: 48:03 2098
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1800 > 2391 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



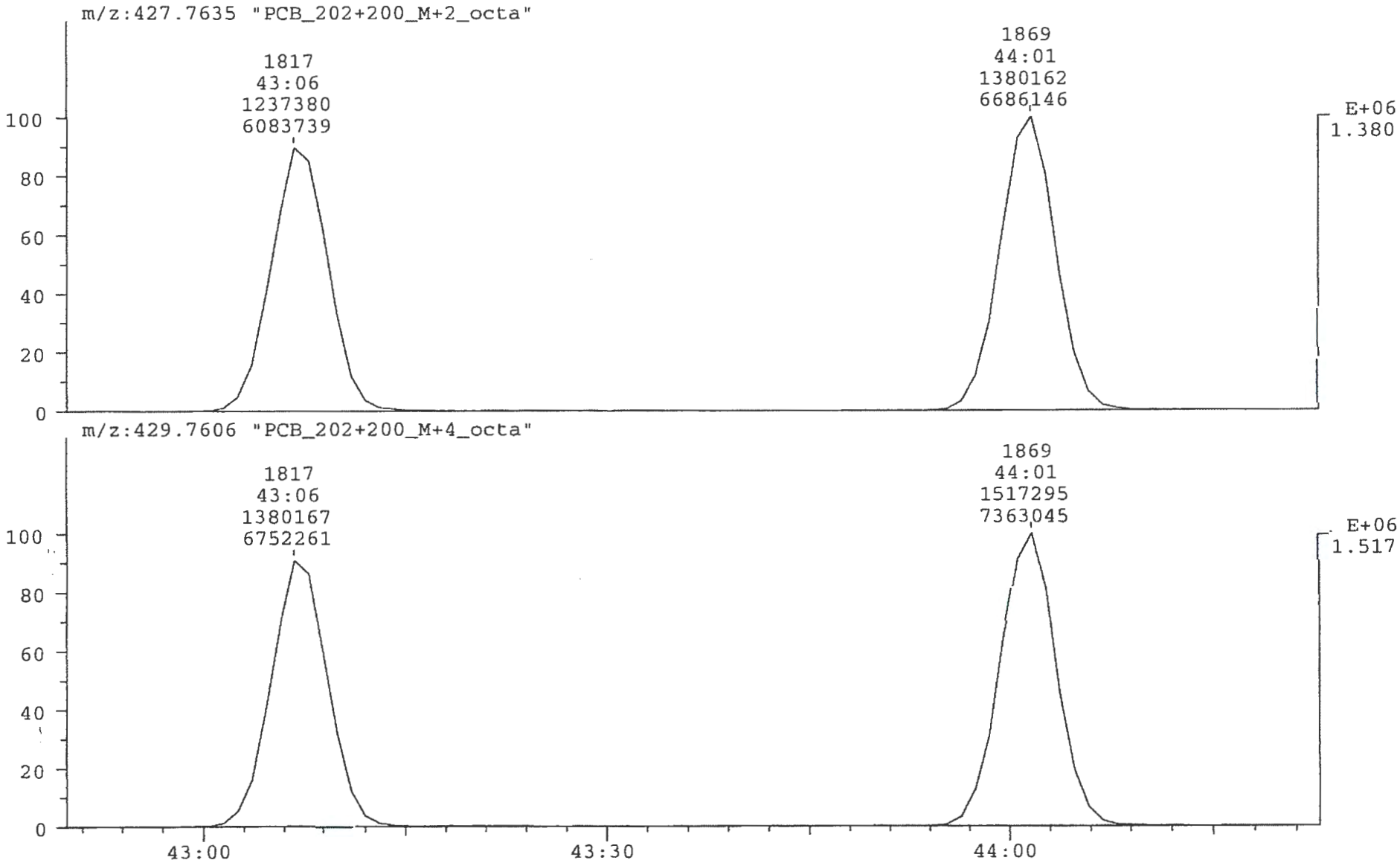
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  43:07      1818
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1782 > 1860           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



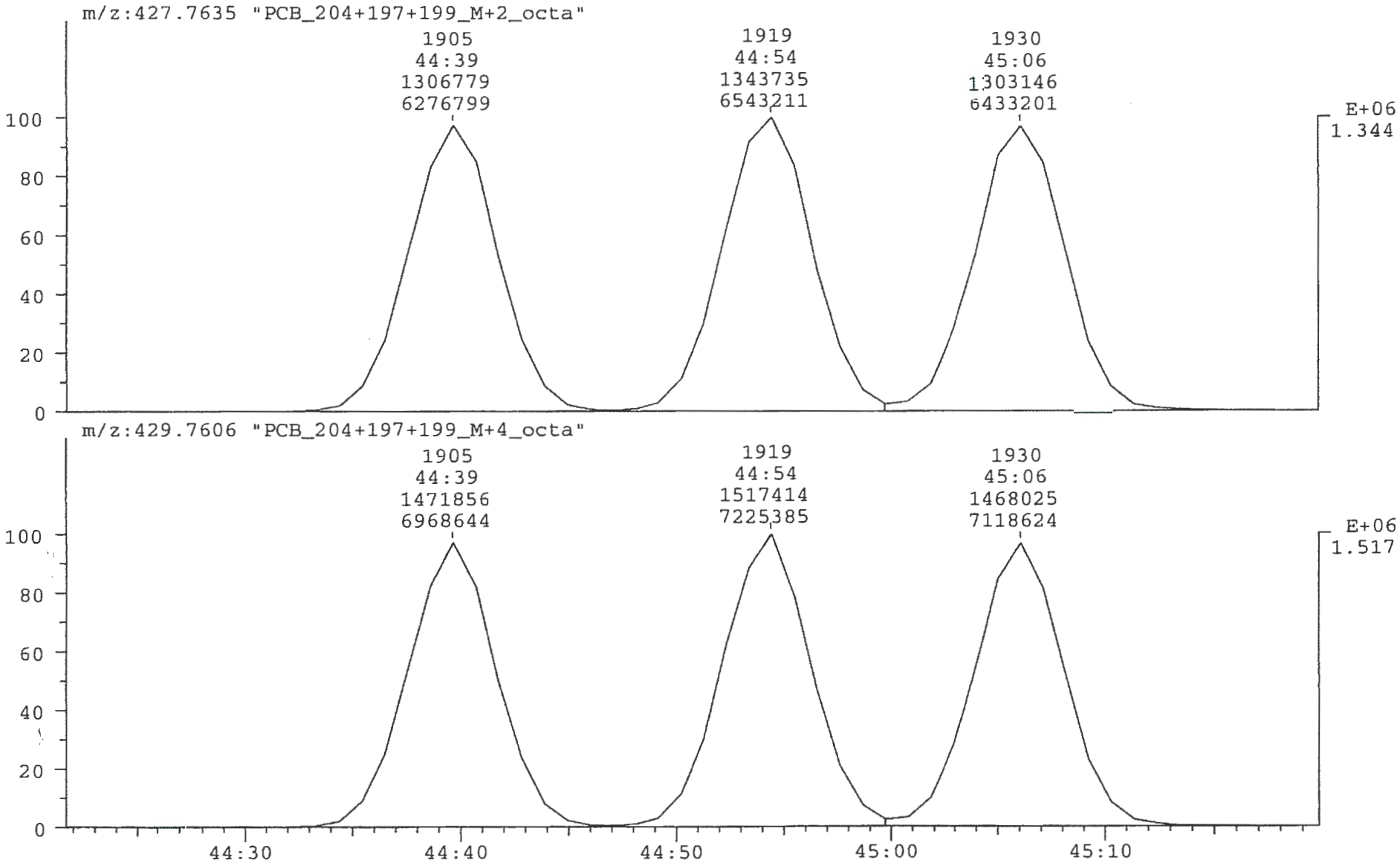
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  52:38      2354
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2320 > 2390           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



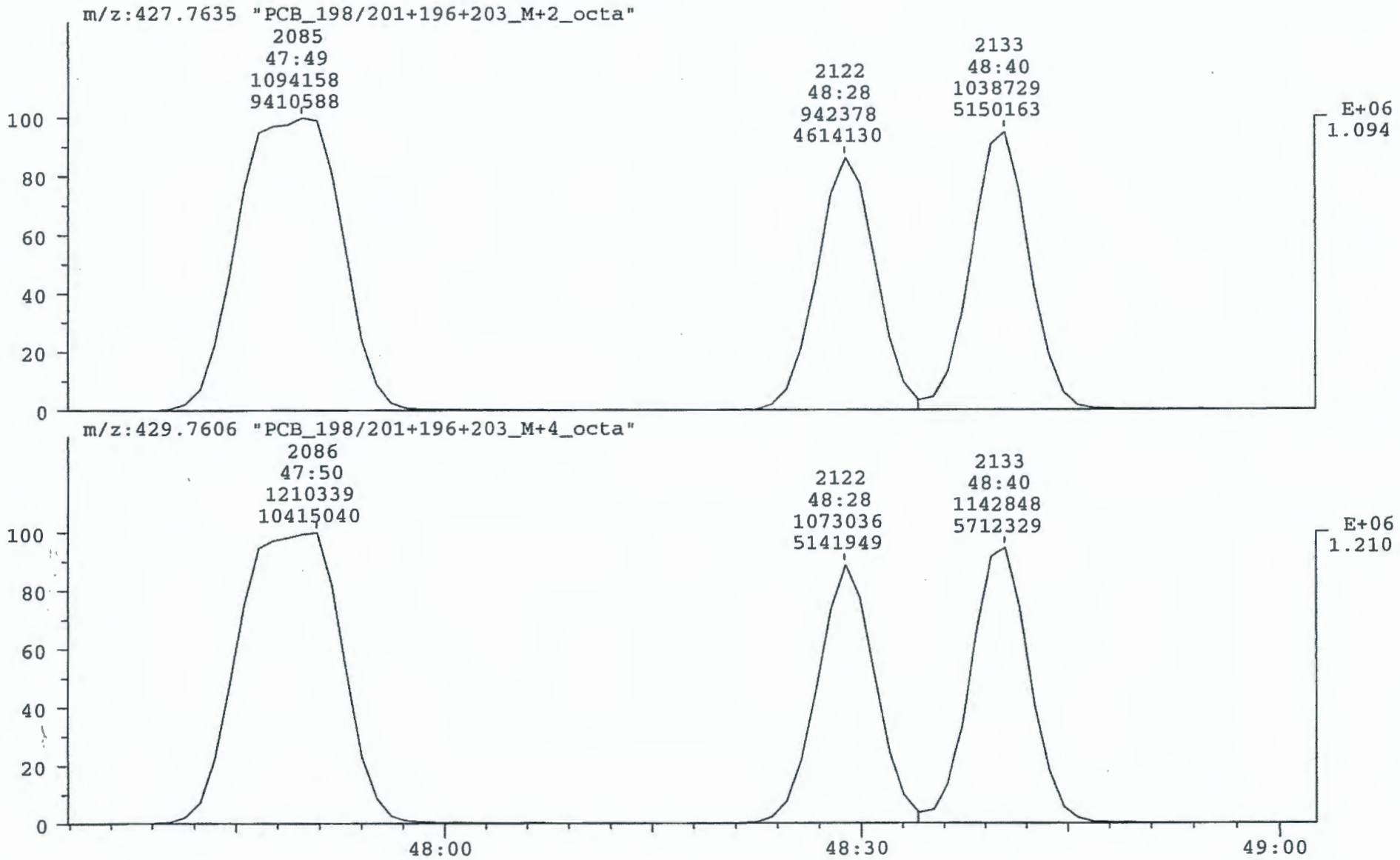
CHRO: a07031314 13-Mar-07 Elapse: 43:40 1849
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 1801 > 1889 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



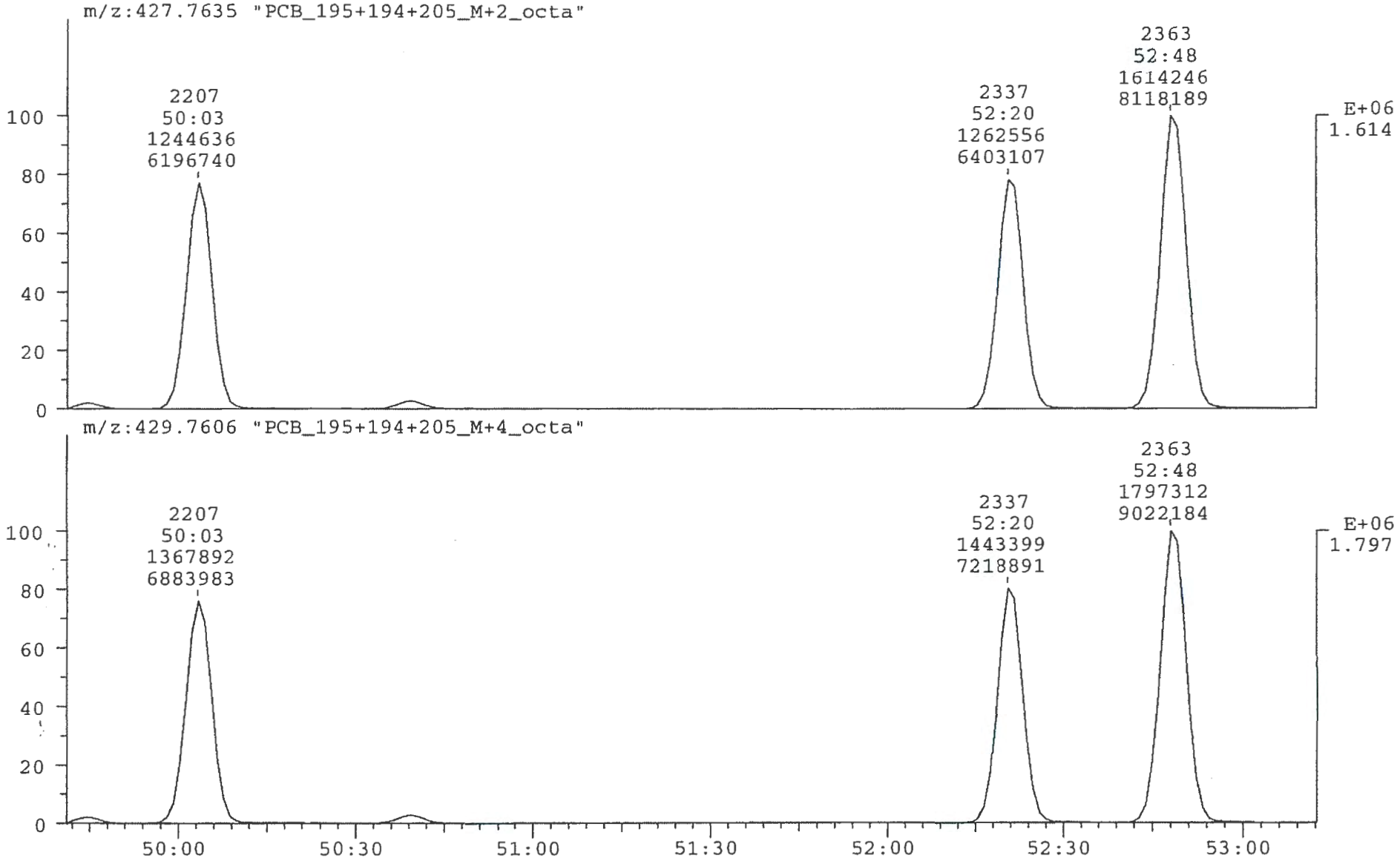
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  44:42      1908
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1888 > 1943           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



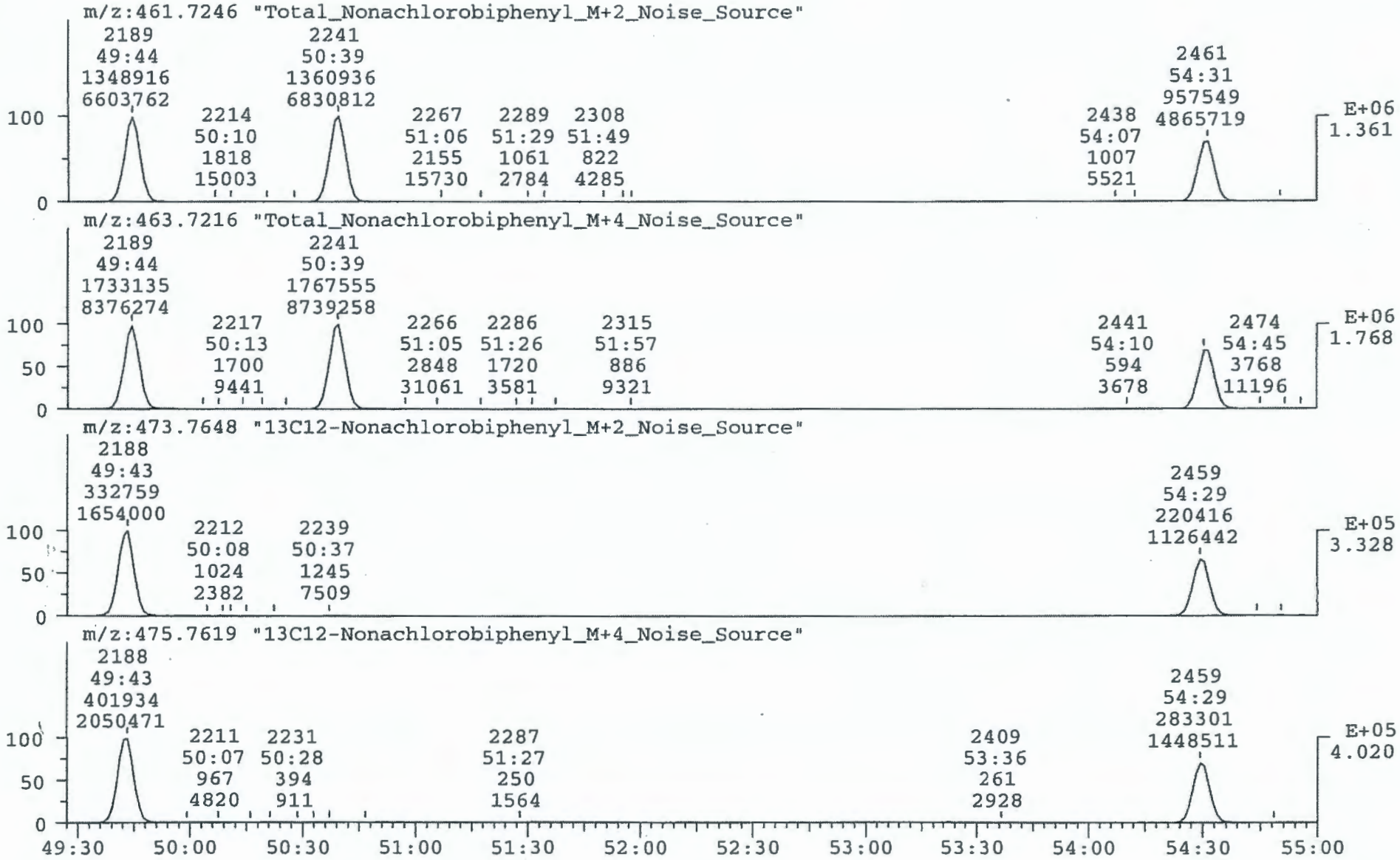
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  48:33      2126
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2069 > 2154           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



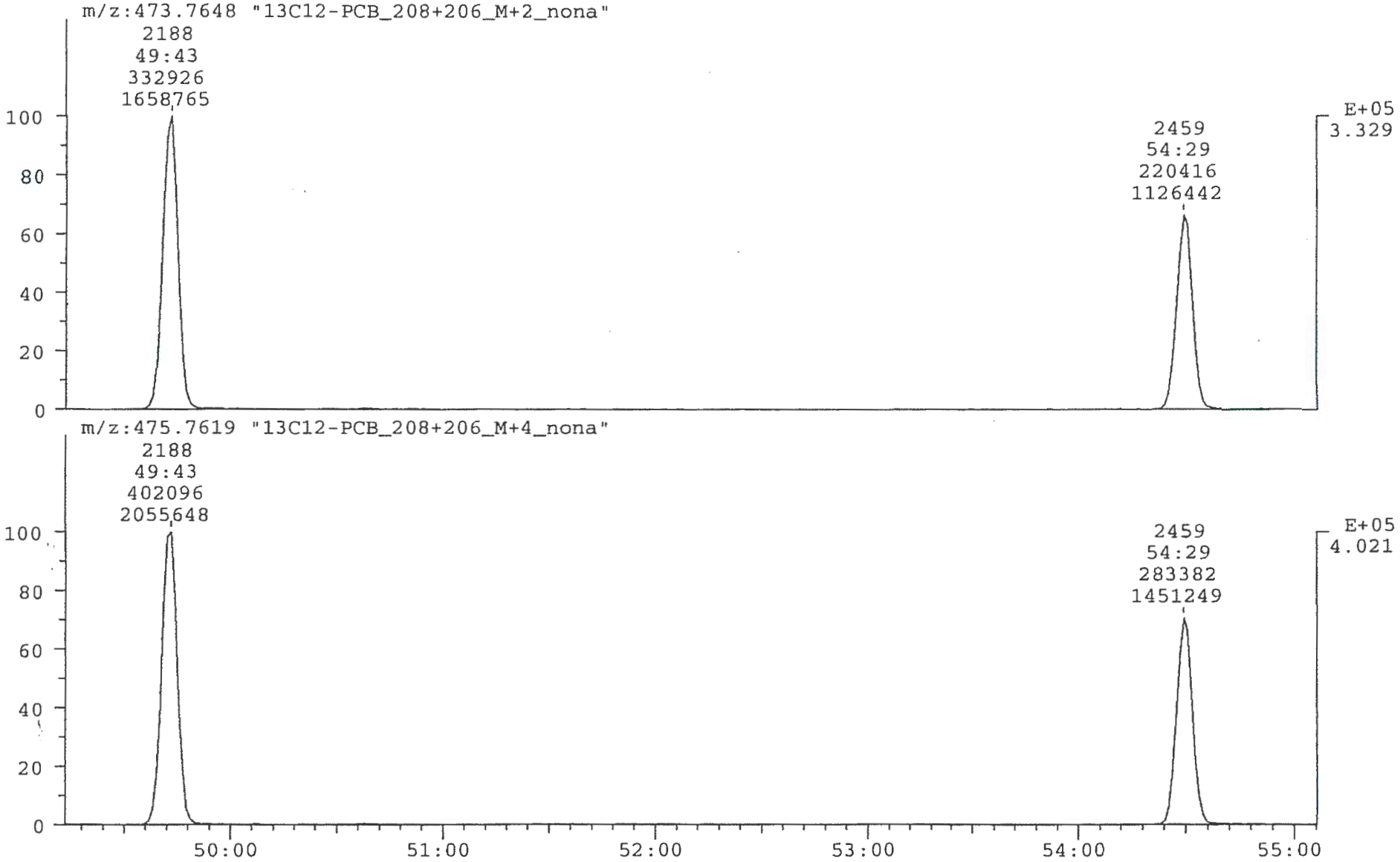
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  52:24      2341
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2186 > 2386           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



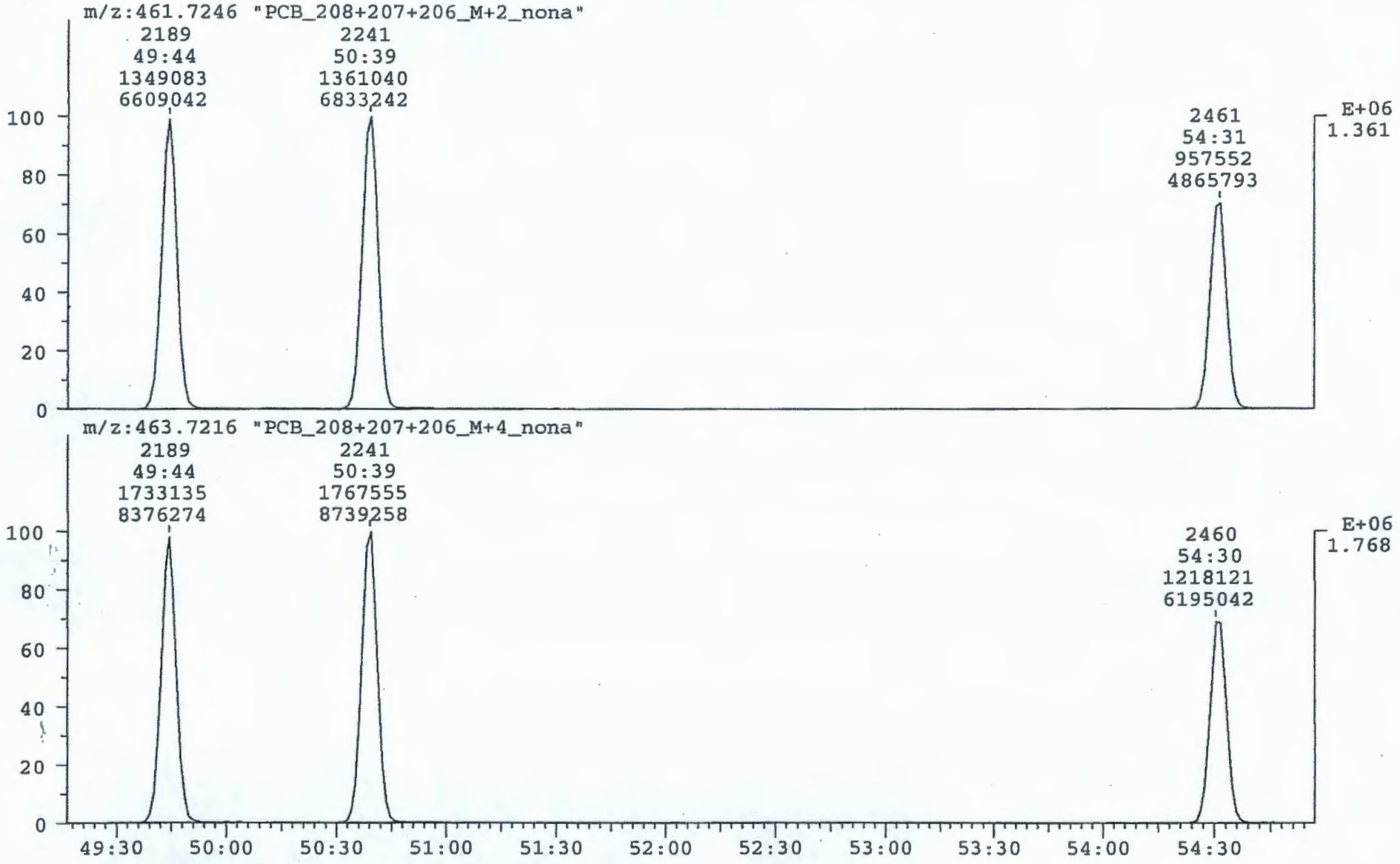
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  52:13      2330
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2173 > 2488           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



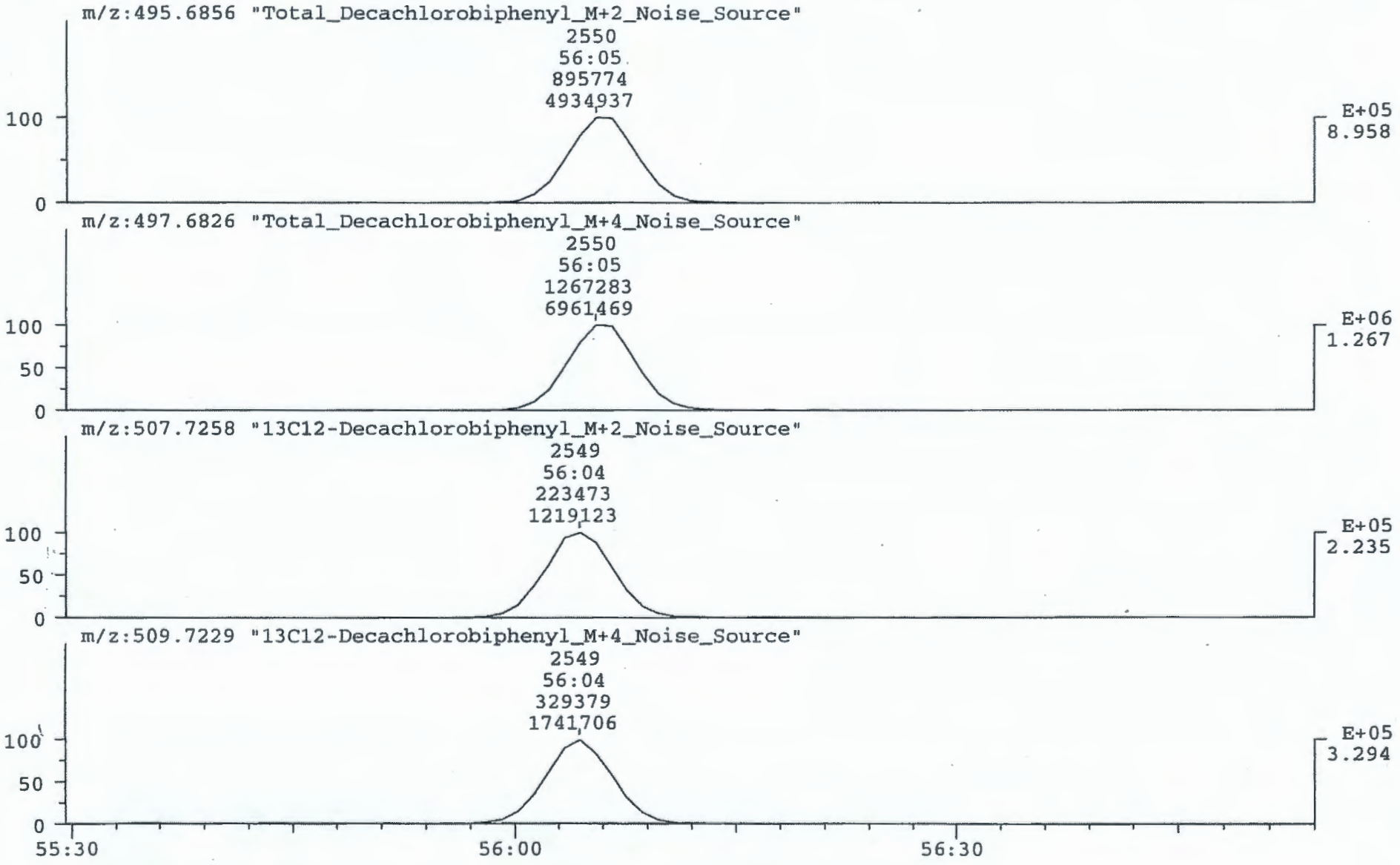
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  52:12      2329
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2164 > 2494           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



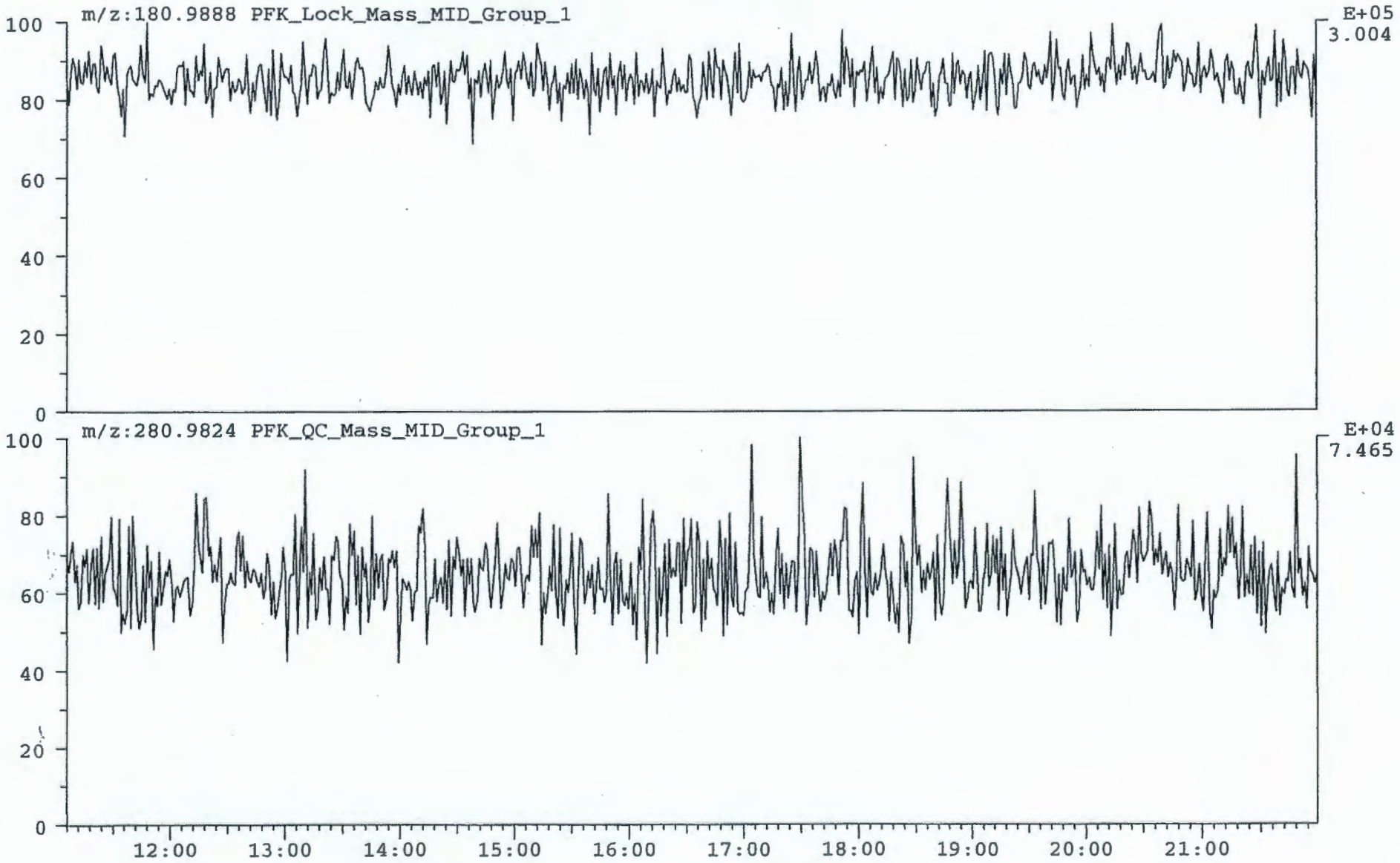
```
CHRO:  a070313i4                                13-Mar-07   Elapse:  52:13      2330
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2167 > 2485           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



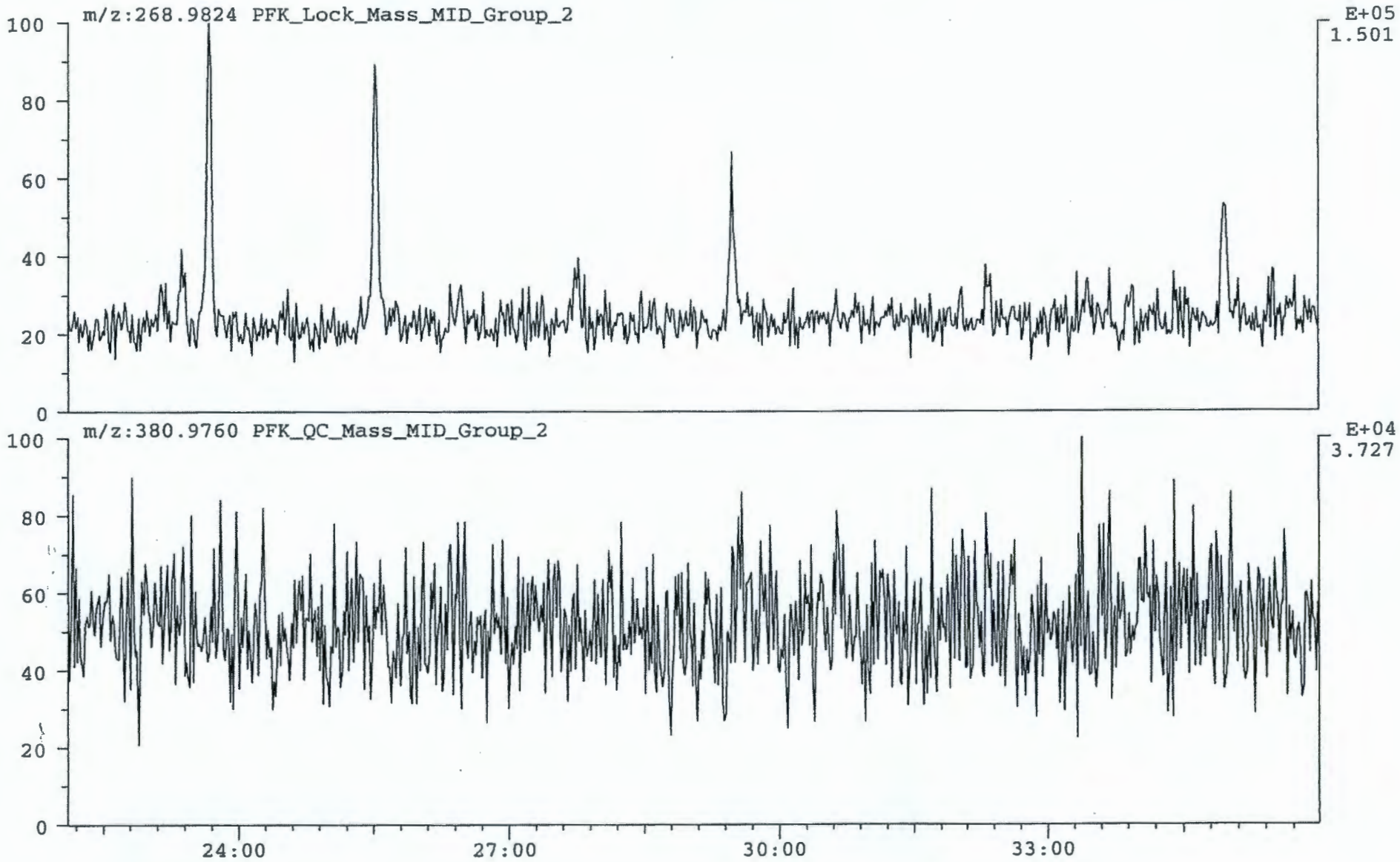
CHRO: a070313i4 13-Mar-07 Elapse: 56:11 2556
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 2516 > 2596 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



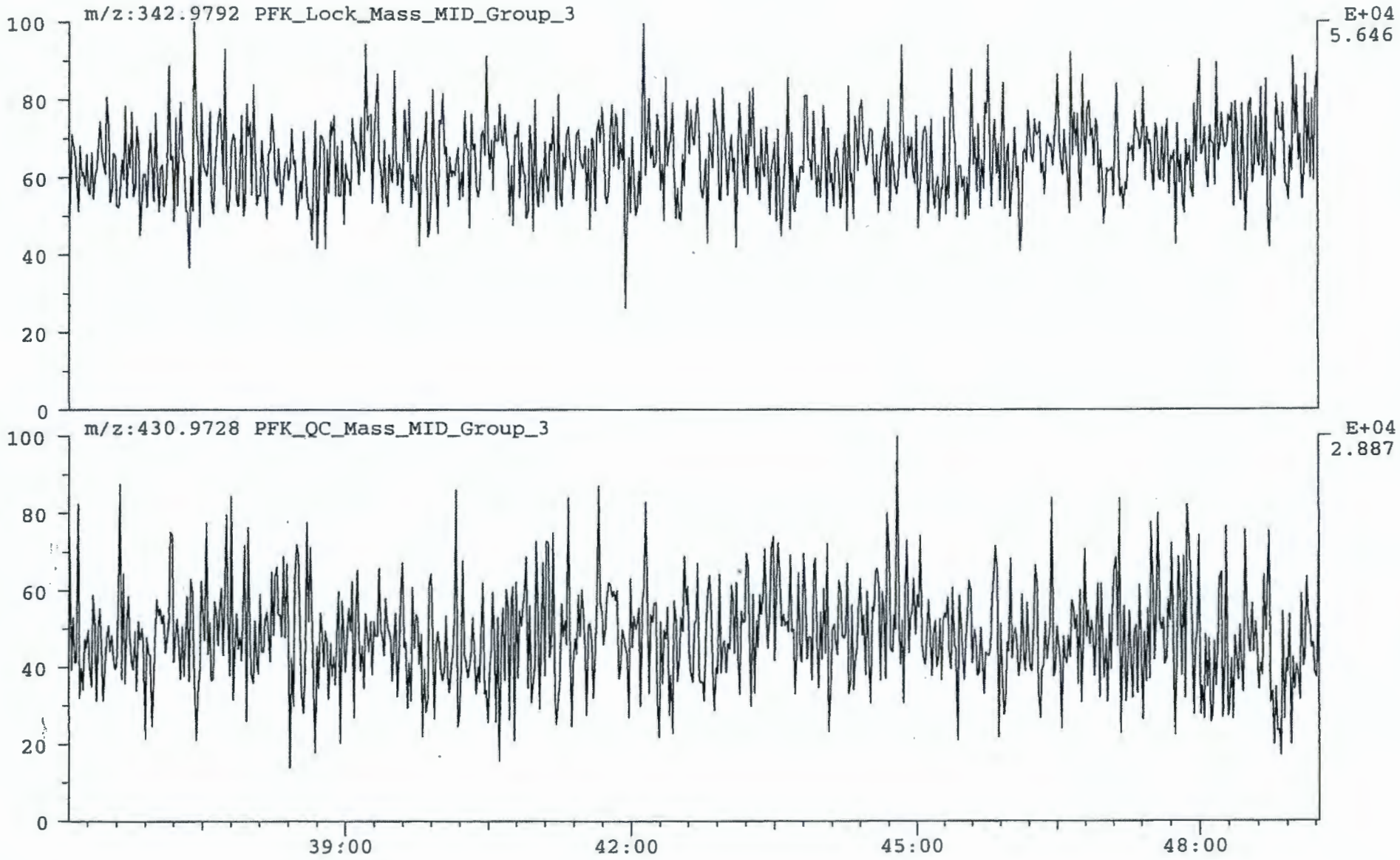
```
CHRO:  a070313i4                                13-Mar-07  Elapse:  56:11      2556
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                 Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial  7
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
```



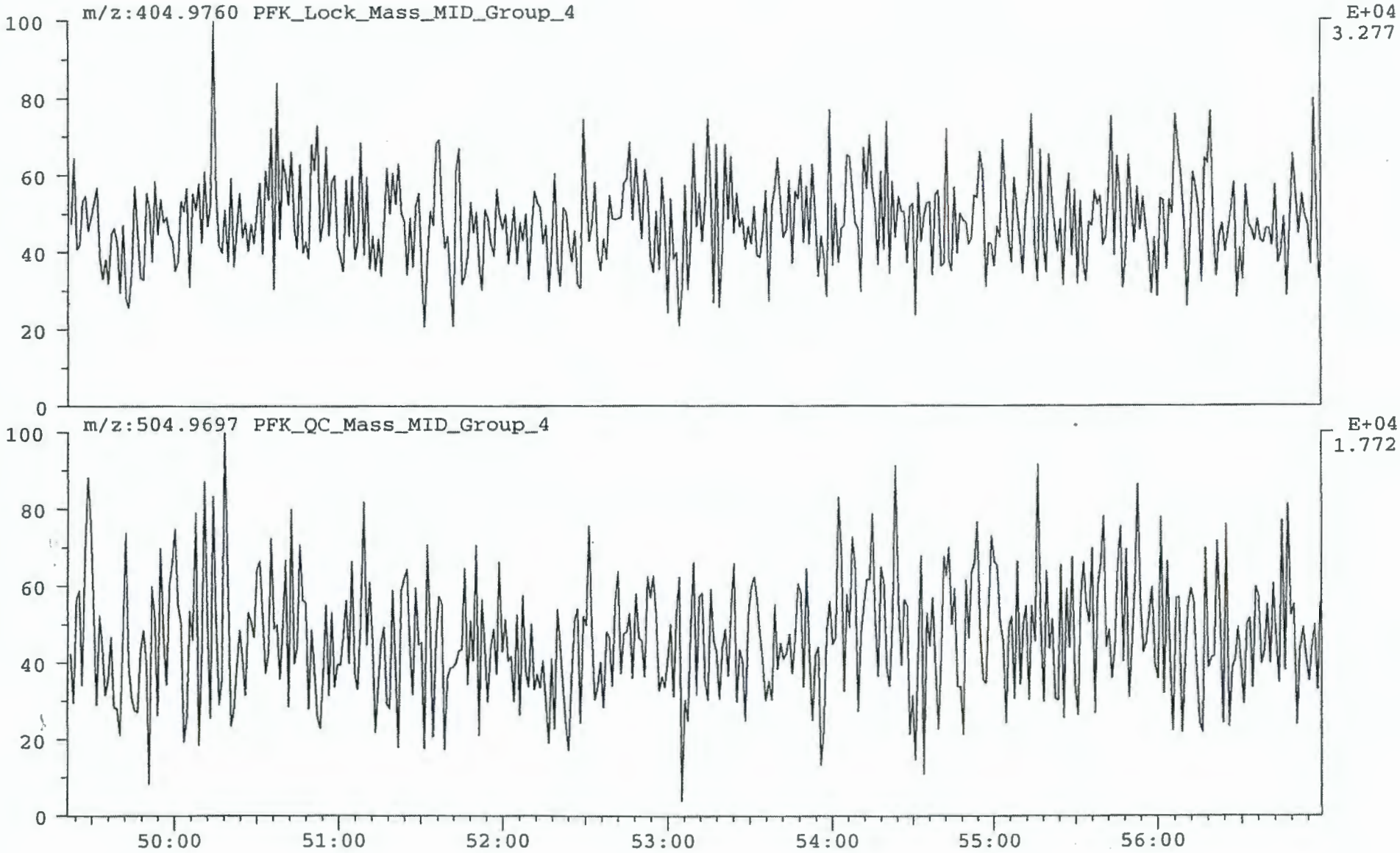
CHRO: a070313i4 13-Mar-07 Elapse: 56:11 2556
Samp: Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1 Start : 23:21:29 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS4
Oper: DCG Client: STL Knoxville Inlet : GC Vial 7
Peak: 100.00 ppm Label wndw: 627 > 1416 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



```
CHRO:  a070313i4                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                  Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   1419 > 2165           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313i4                                13-Mar-07  Elapse:  56:11      2556
Samp:  Vial 7 WO=2990:71CS4 Meth=IE3 Dil=1                 Start :  23:21:29   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS4
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   7
Peak:  100.00  ppm      Label wndw:   2168 > 2601          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: a070313i4
Study: ICAL CS4
Sample: WO=2990:71CS4 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxville
Comments: Inst=mld/35055-03a Batch=20070313i Ccal=METHOD
Injected volume: 2.00
Sample from Vial 7
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 3 of list 070313
ICL procedure: sleep7x
MID procedure: epa1668n

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	14:00 min	36:00 min	1.00 sec
# 3	36:00 min	13:15 min	49:15 min	1.00 sec
# 4	49:15 min	7:45 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	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 : epa1668n

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	1032.2528
BMASS	180.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9059
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-21.8250
DRAWC	1.0000	DRAWS	0.0050	ECORR	1.0000
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9998
EDACR	23.0000	EDACZ	1219.0000	ELEN	75.3500
EMULT	1.6000	ENS	178.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	145.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	1002.6738	FSLOPE	54000000.0000	FVANAL	261.0000
FVINLET	252.0000	FVSRC	840.0000	FWIN	0.7000
GCTC	197.0000	GCTI	270.0000	GCTL	280.0000
HACCU	187.0000	HCURR	0.9902	HVANAL	1306.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	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	1291.0000	LENSS	83.6000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2352236.4350

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	1.0000	NSAM	200.0000
NSCAN	2608.0000	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	10280.6324	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	1.0000	SCIDLE	1.0000	SHIELD	2592.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	5.0000
SW	0.0500	TANAL	420.8300	TCURR	0.7031
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	2.2000	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2000.0000
XLENSS	-28.8000	YLENS	2655.0000	YLENSS	-33.6000

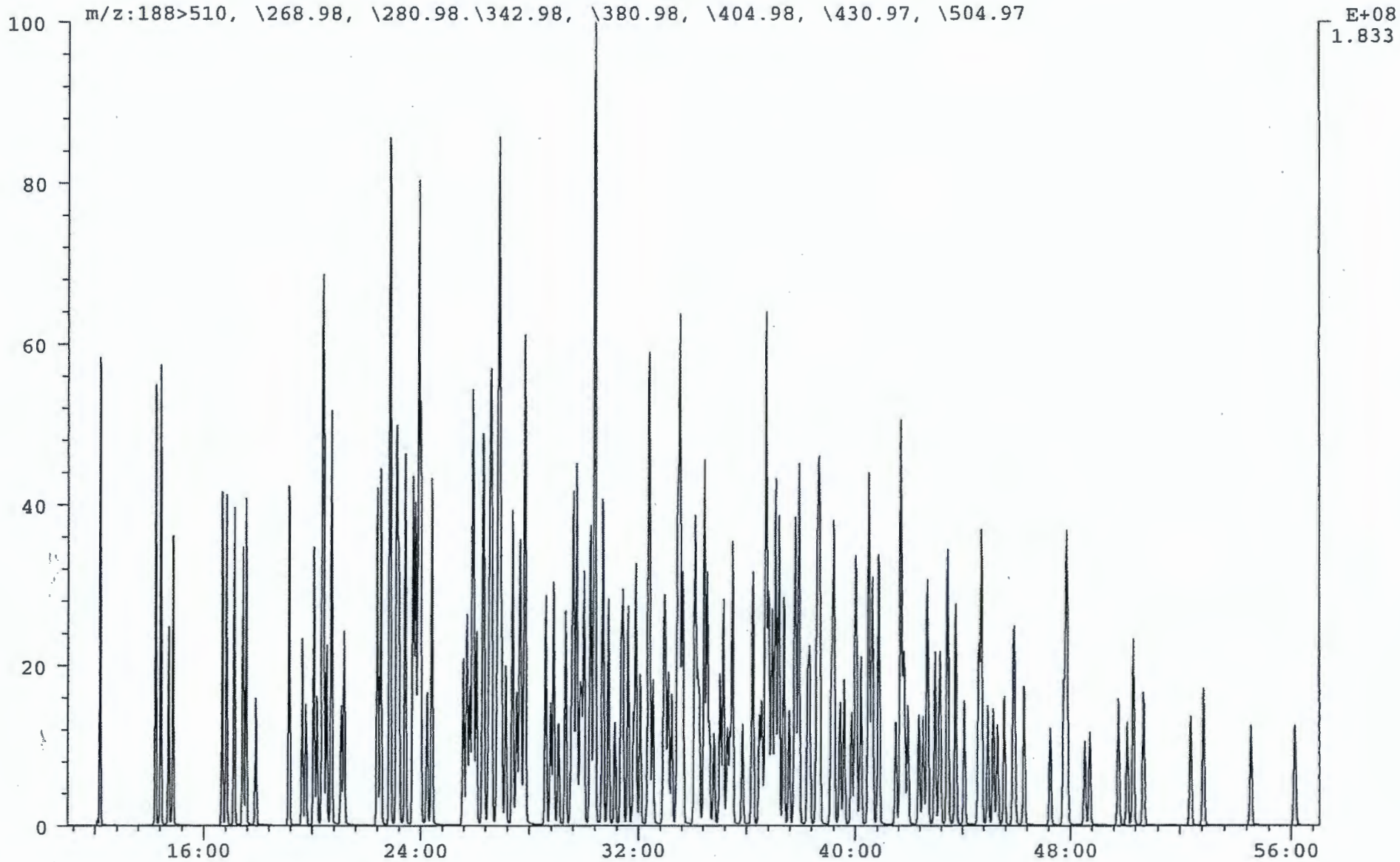
Scantype is electric
Sourcemode is EI POS

Analysis started at: 13-Mar-07 23:21:29.4

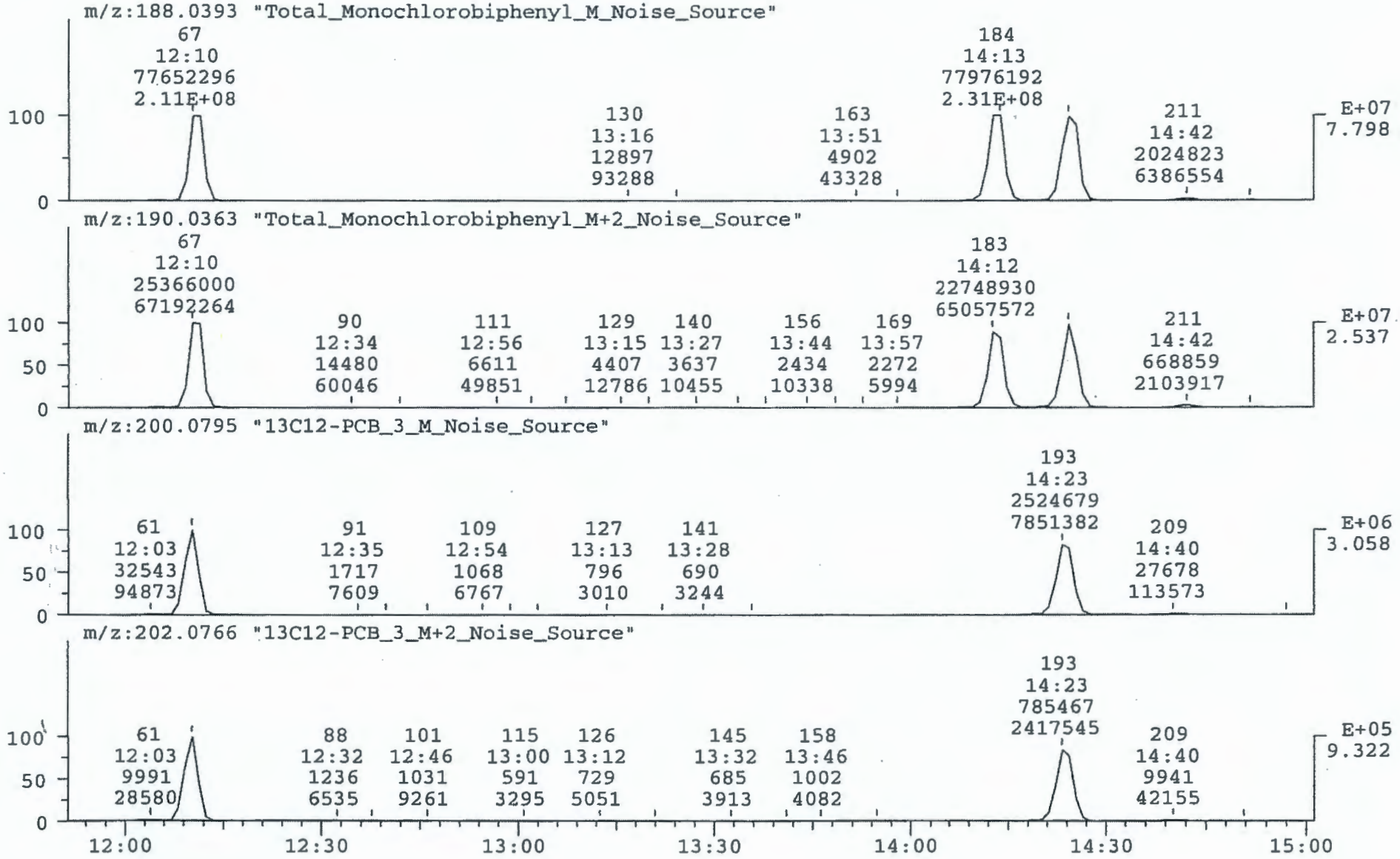
Autosampler has injected sample from vial 7
MID Time Window 1: Resolution is 7541
MID Time Window 2: Resolution is 7078
MID Time Window 3: Resolution is 12247
MID Time Window 4: Resolution is 9642
Analysis stopped at: 14-Mar-07 00:18:31.8 (run time 57.02 minutes)
Analysis stopped because MID run finished

Int DCG 3-14-07
Calc DCG 3-15-07
QC GRN 3/16/07

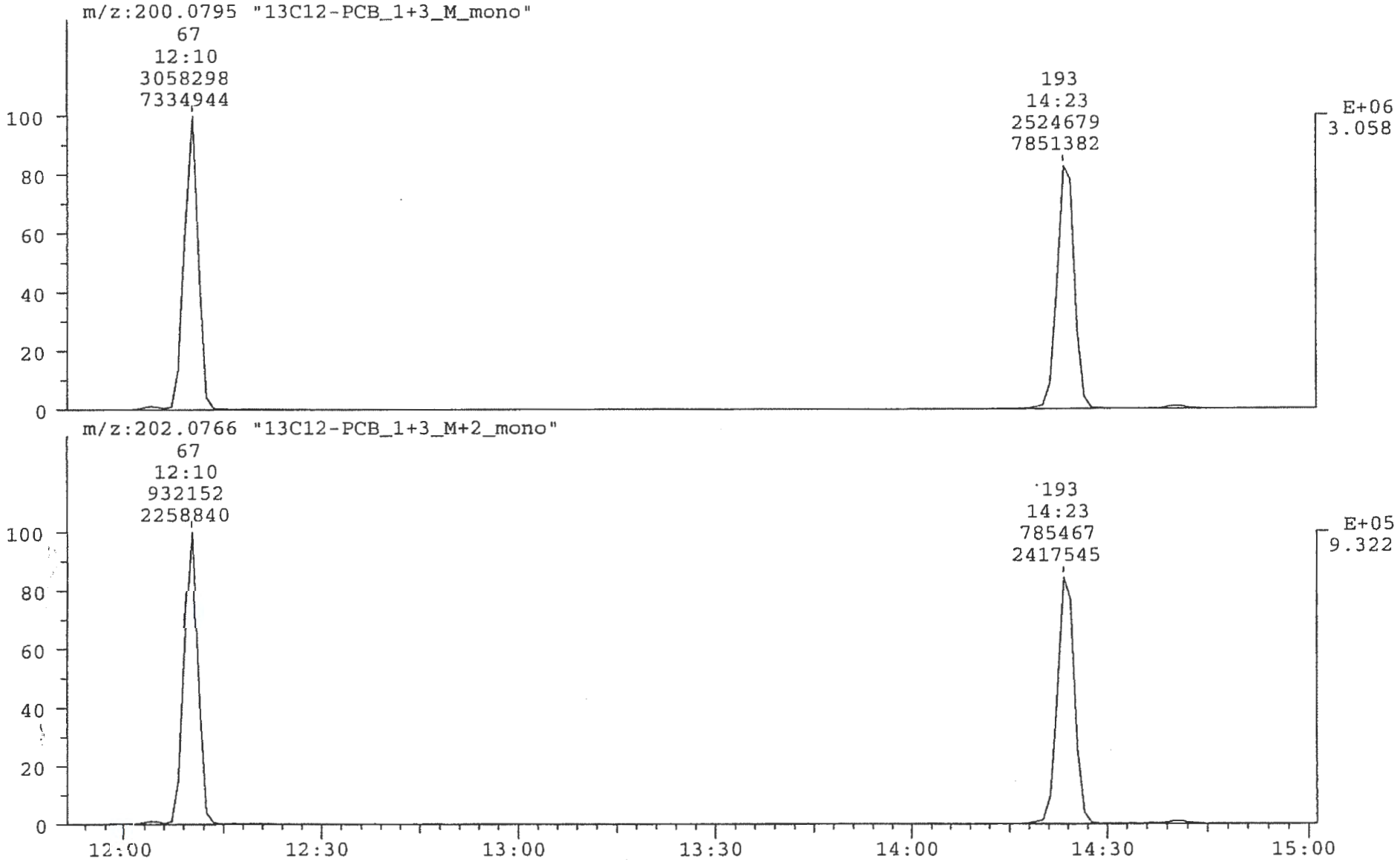
CHRO: a070313i5 14-Mar-07 Elapse: 26:00.2 849
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 2 > 2602 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



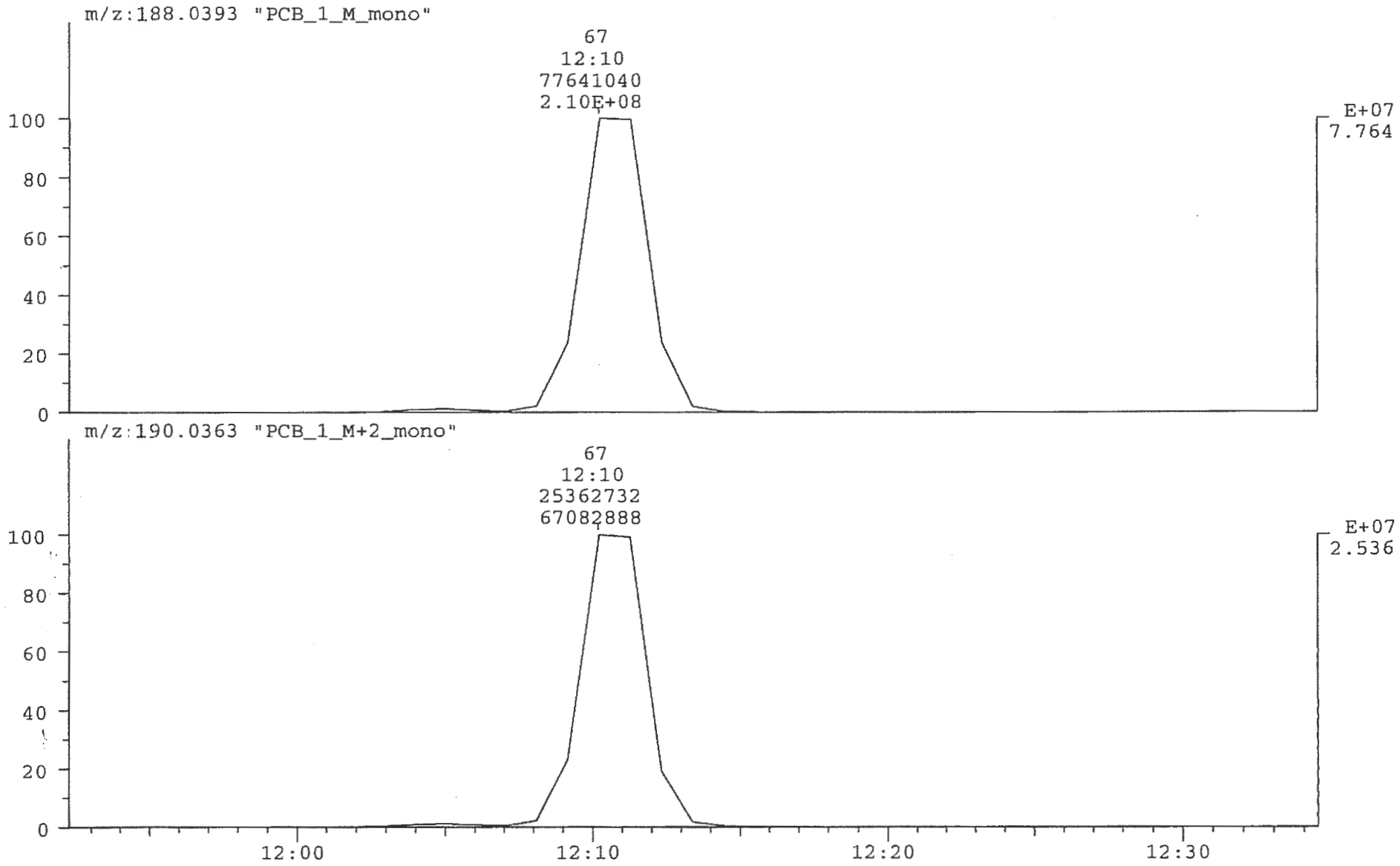
CHRO: a070313i5 14-Mar-07 Elapse: 13:26.2 139
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i5                                14-Mar-07   Elapse:  13:26.2      139
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```

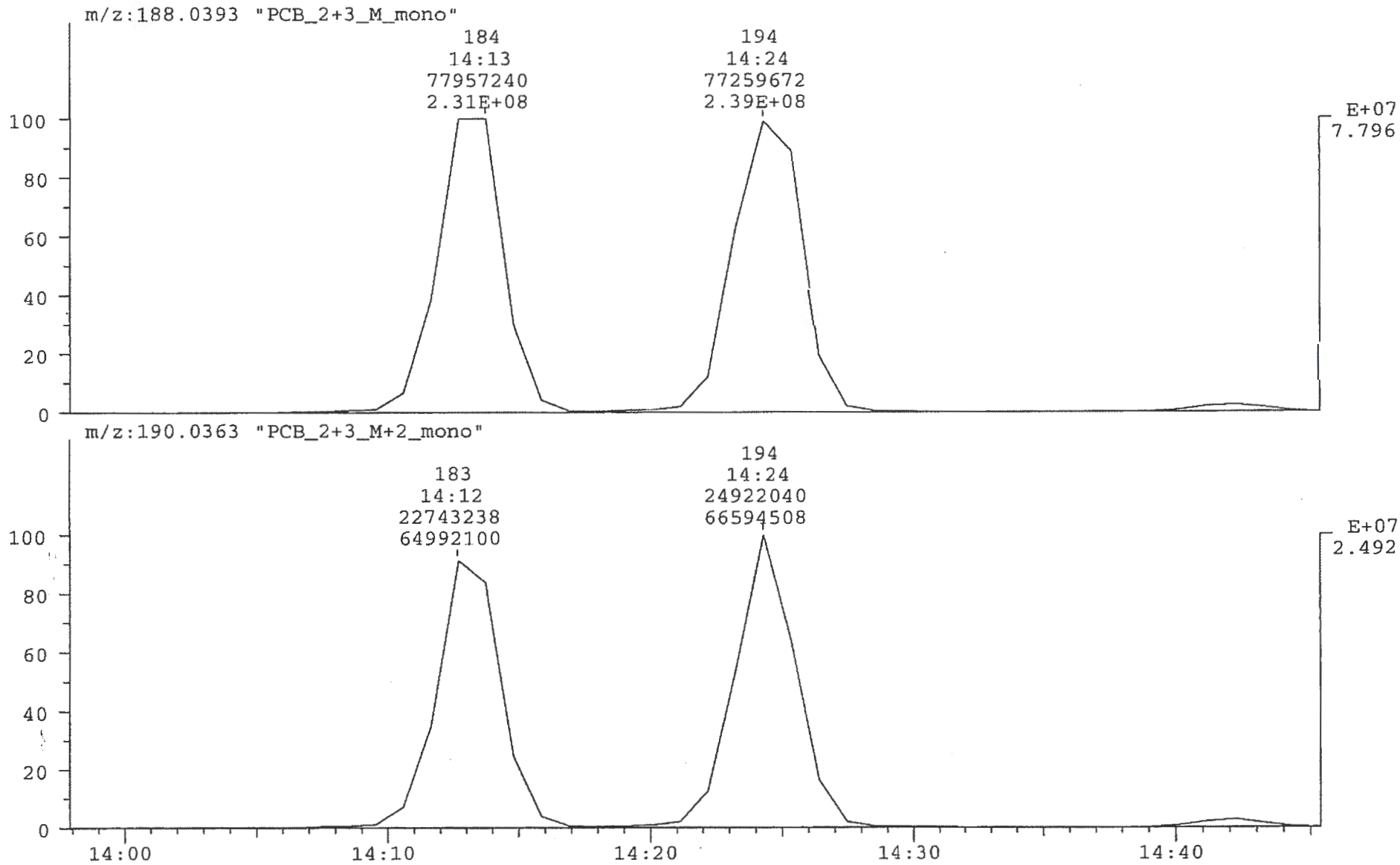


```
CHRO:  a070313i5                                14-Mar-07   Elapse:  12:13.3      70
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   50 > 90               Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

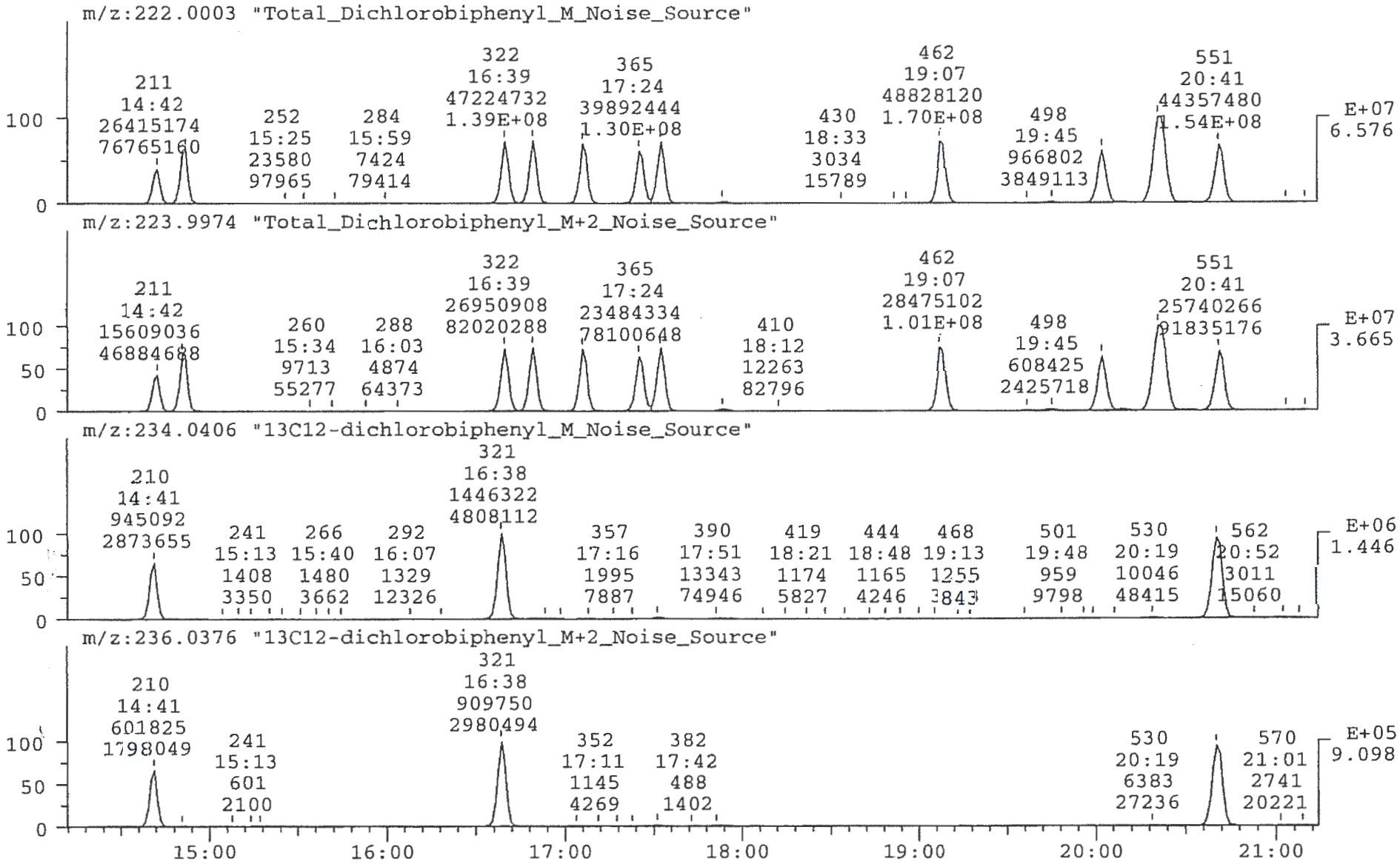


1646

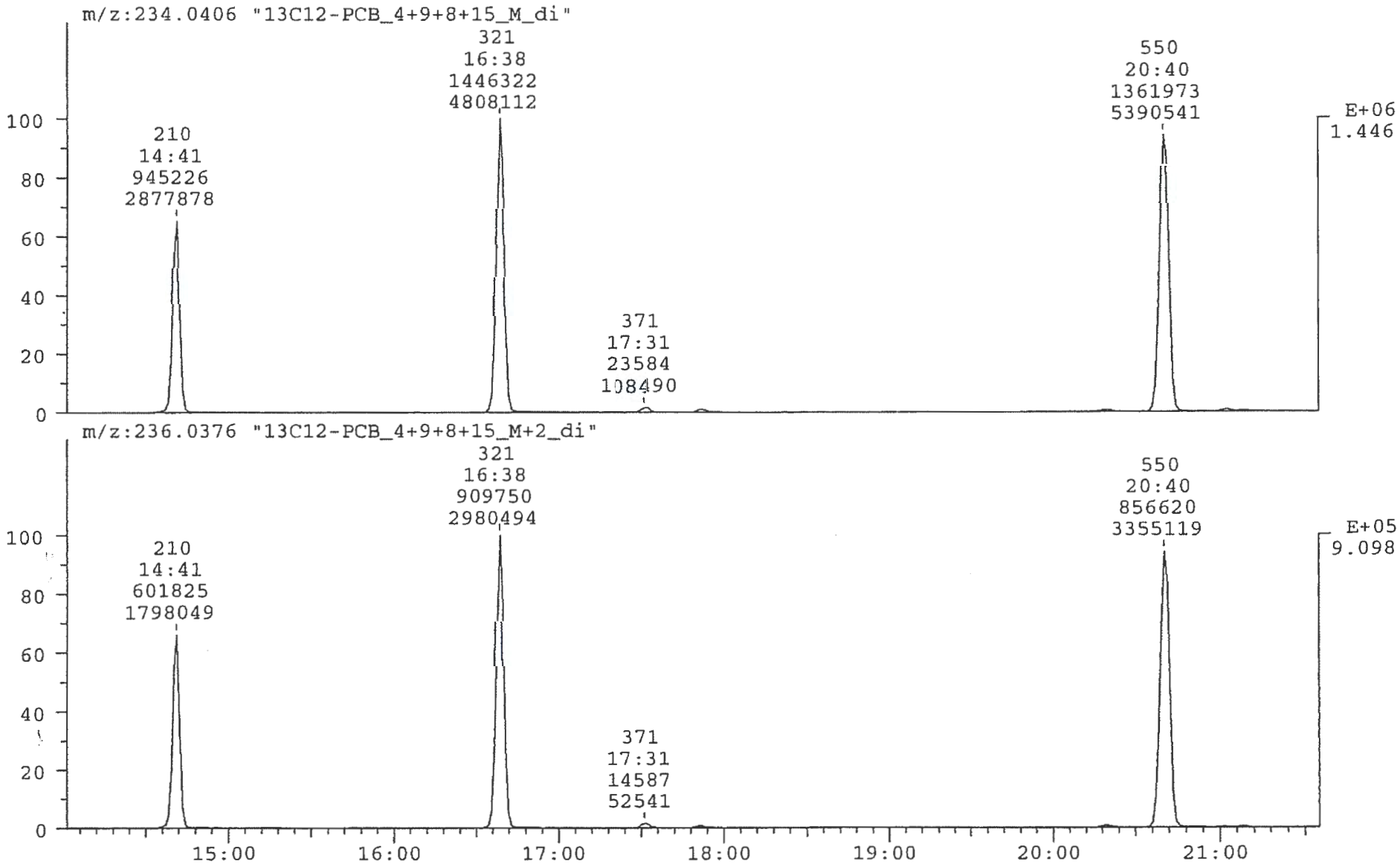
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  14:24.3      194
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   169 > 214             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



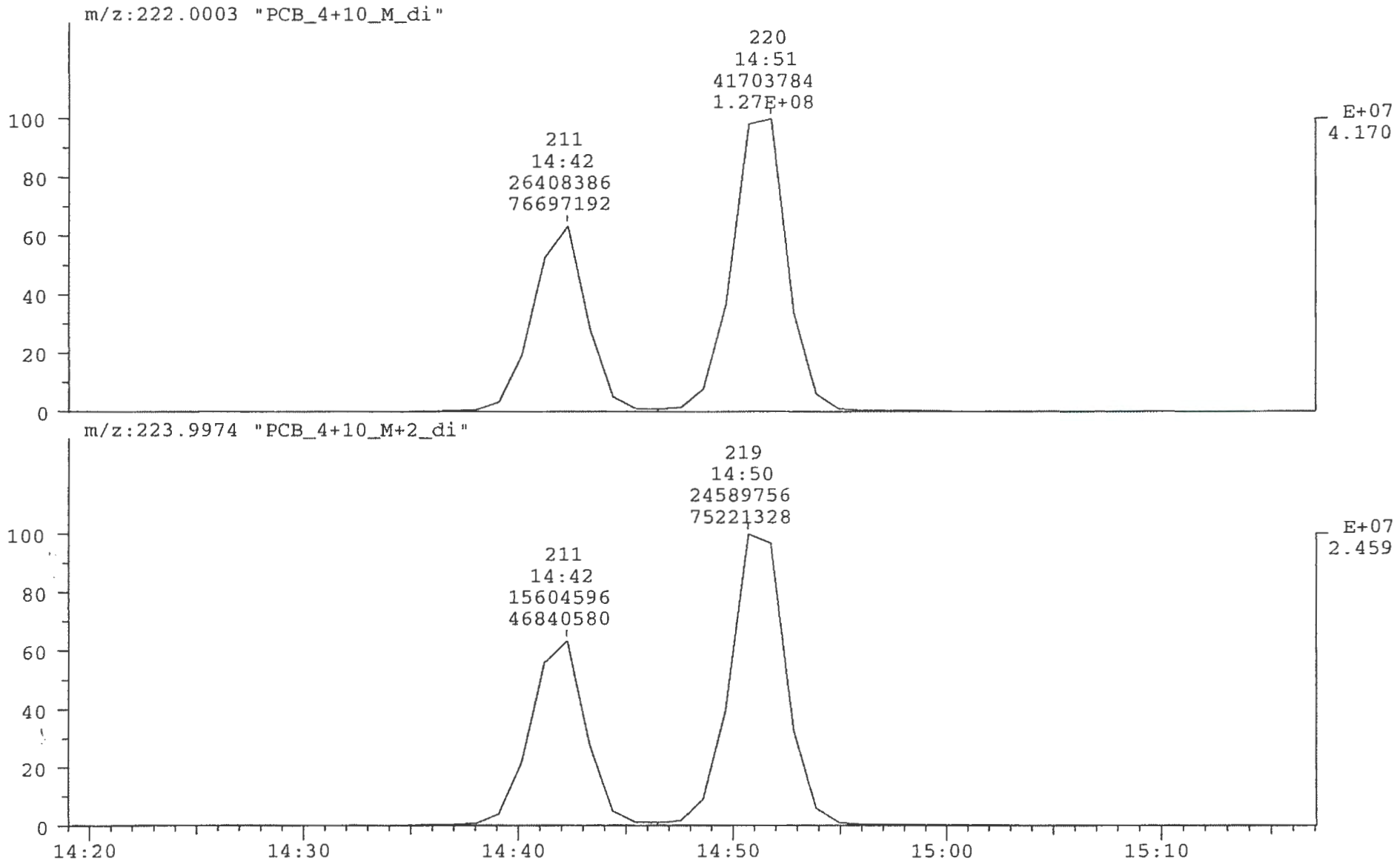
CHRO: a070313i5 14-Mar-07 Elapse: 17:42.8 382
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



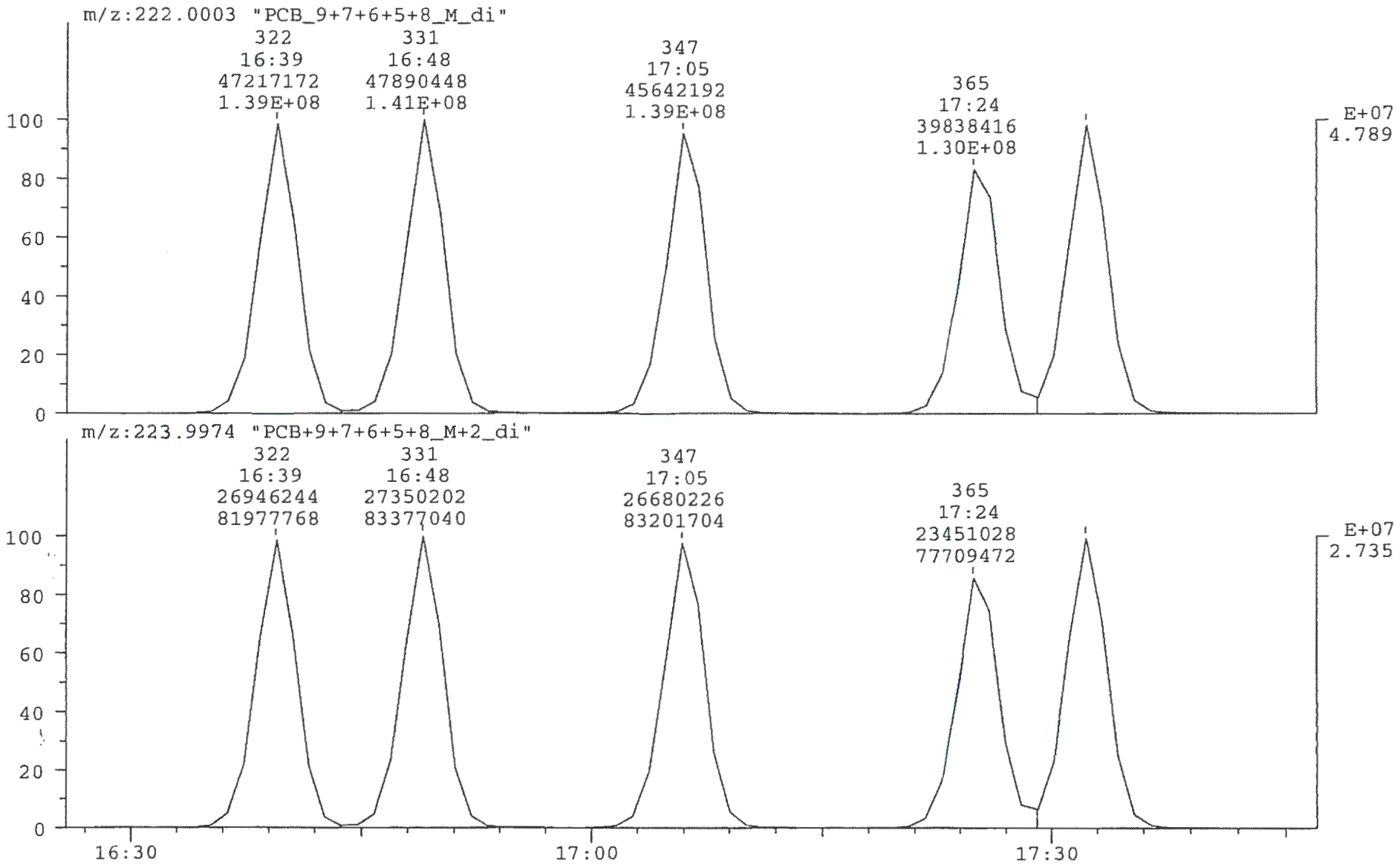
CHRO: a070313i5 14-Mar-07 Elapse: 17:42.8 382
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 172 > 602 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



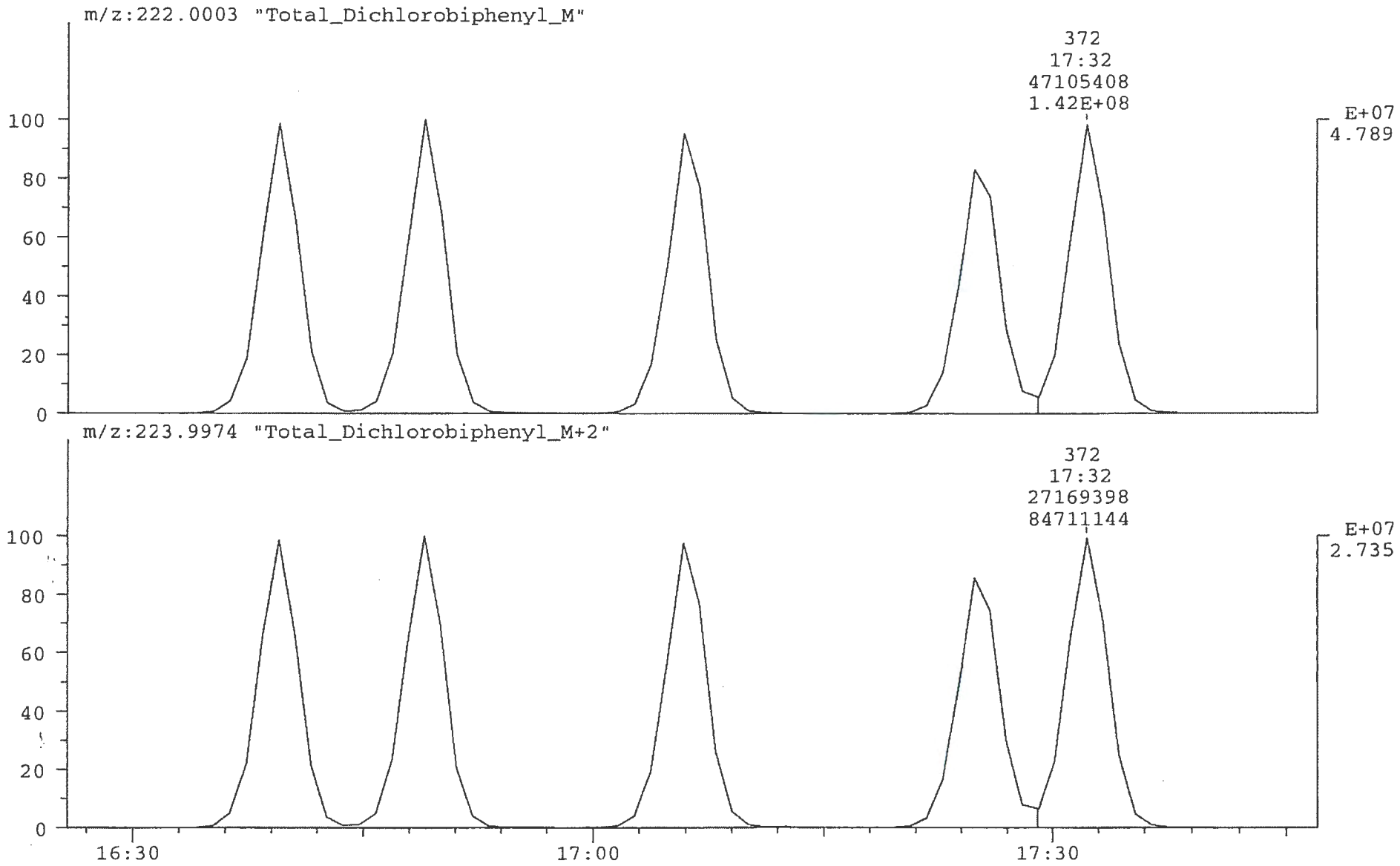
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  14:50.7      219
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



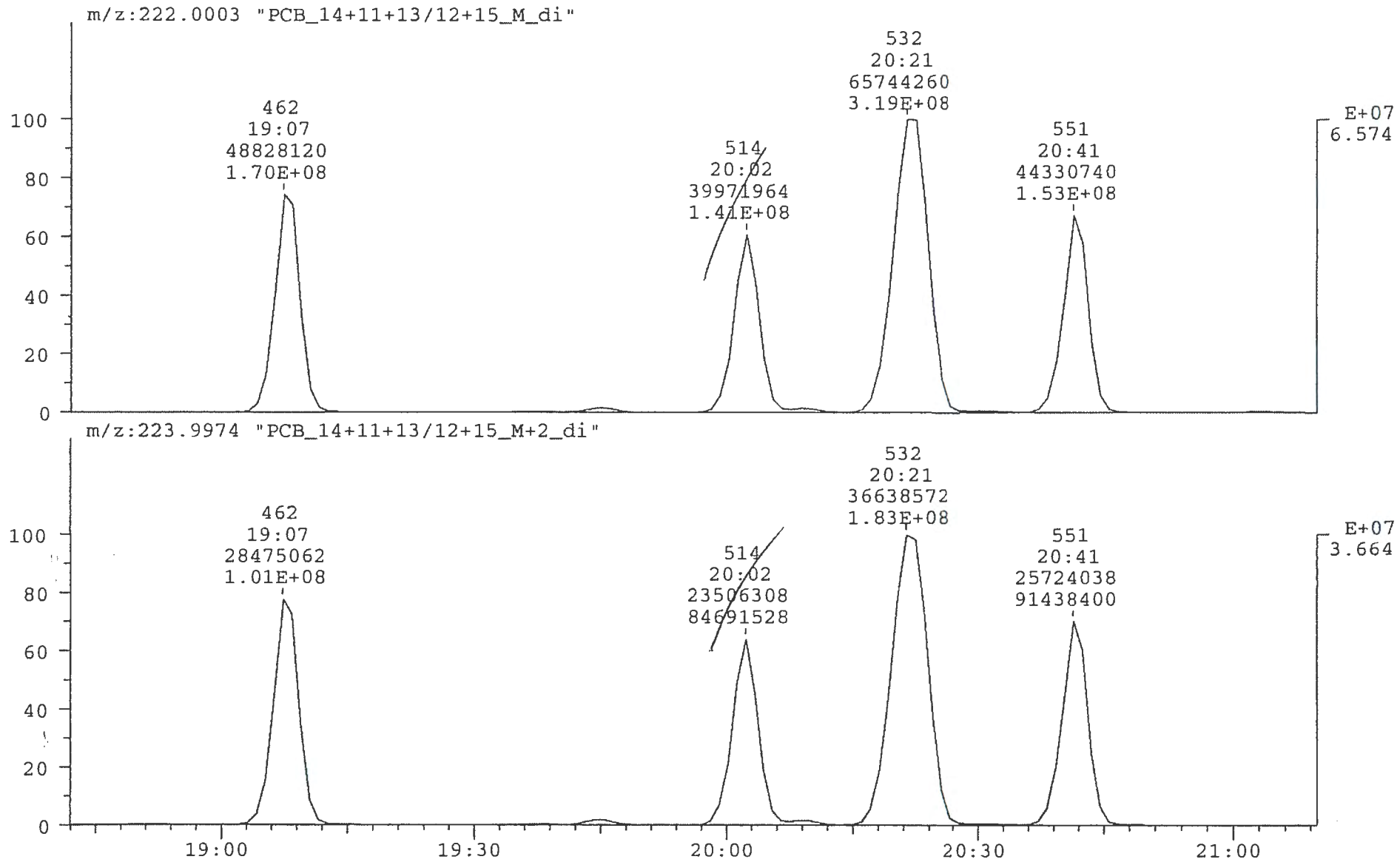
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  17:10.0      351
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   309 > 386             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



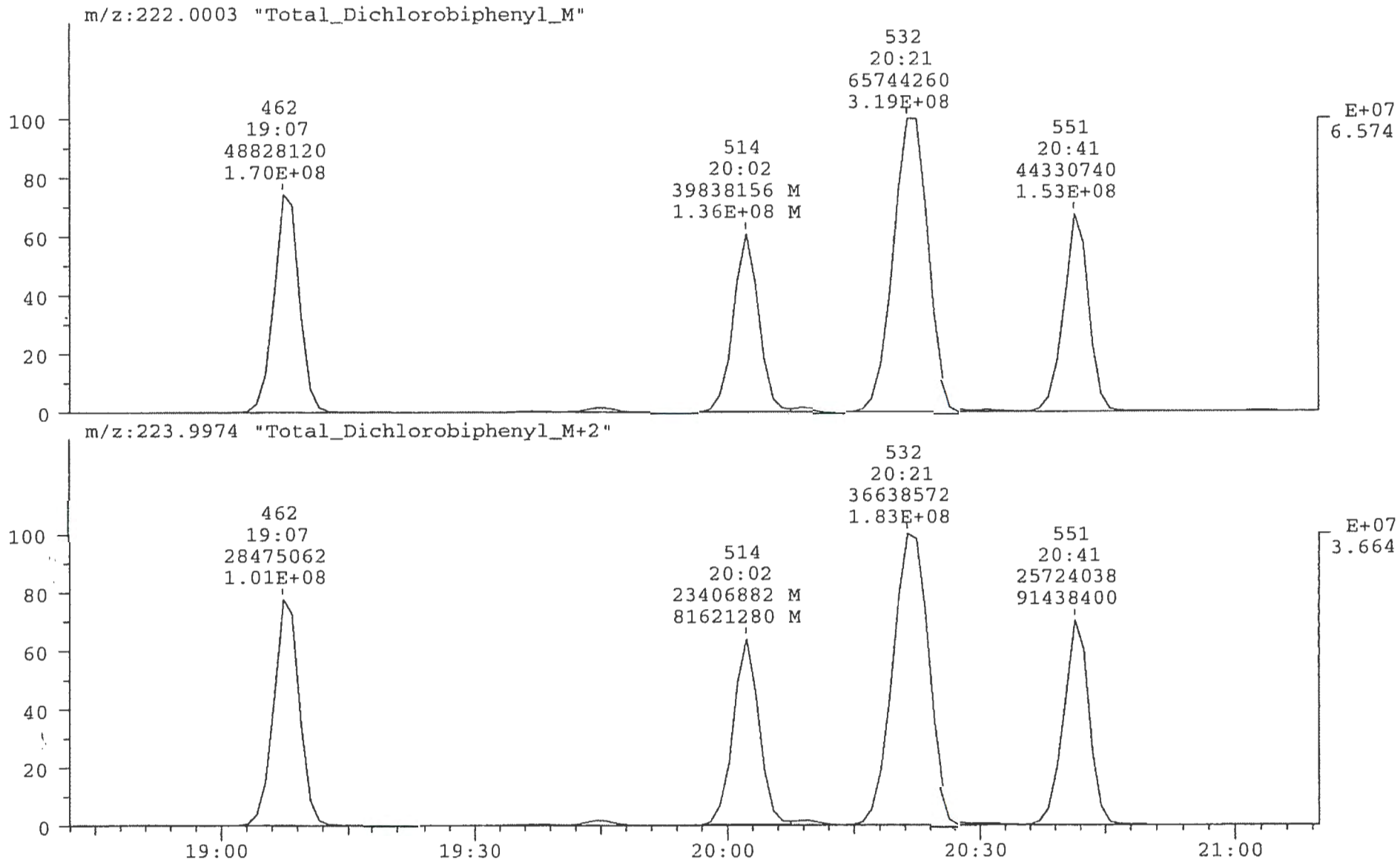
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  17:32.2      372
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   369 > 375             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



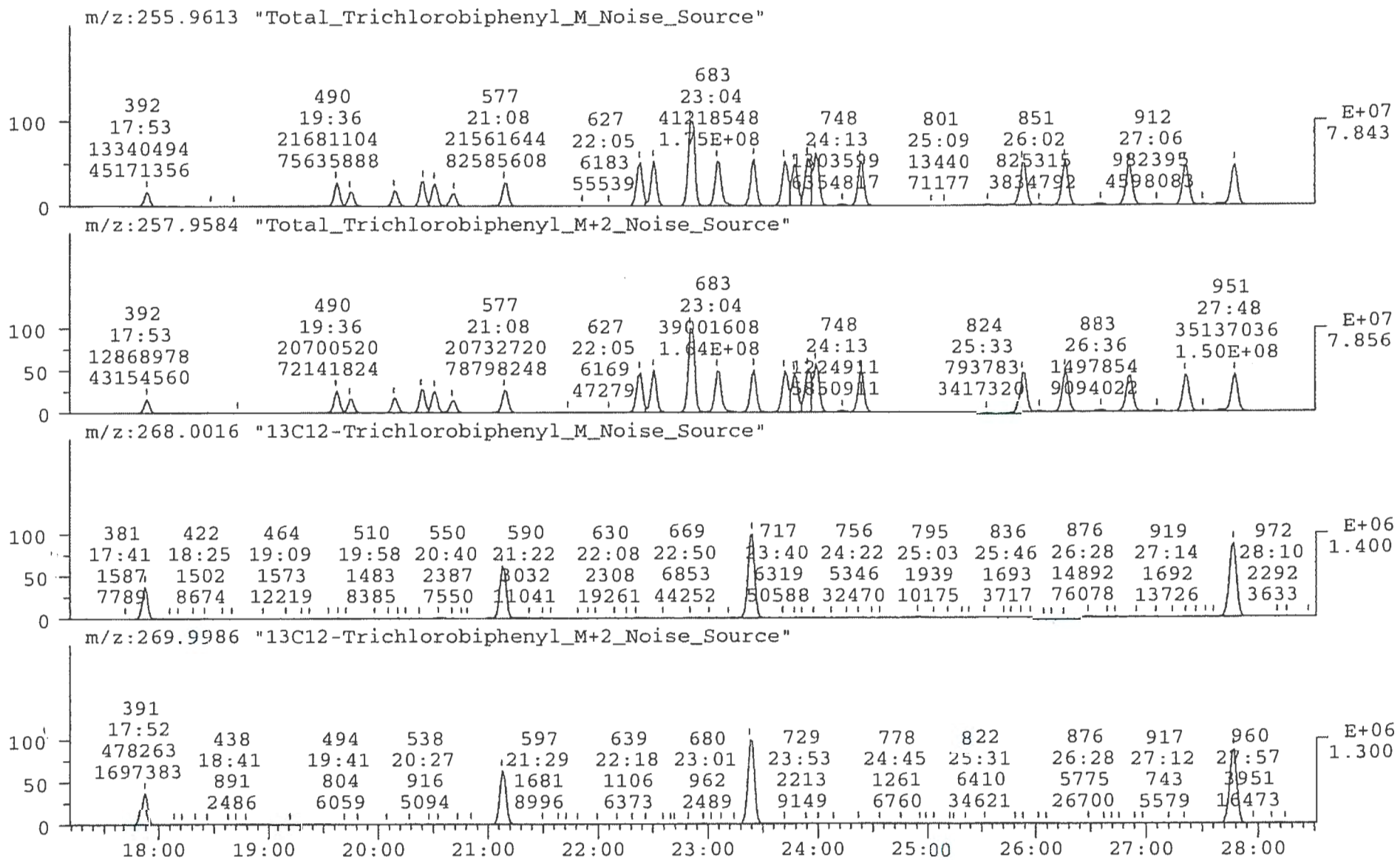
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  19:55.8      508
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



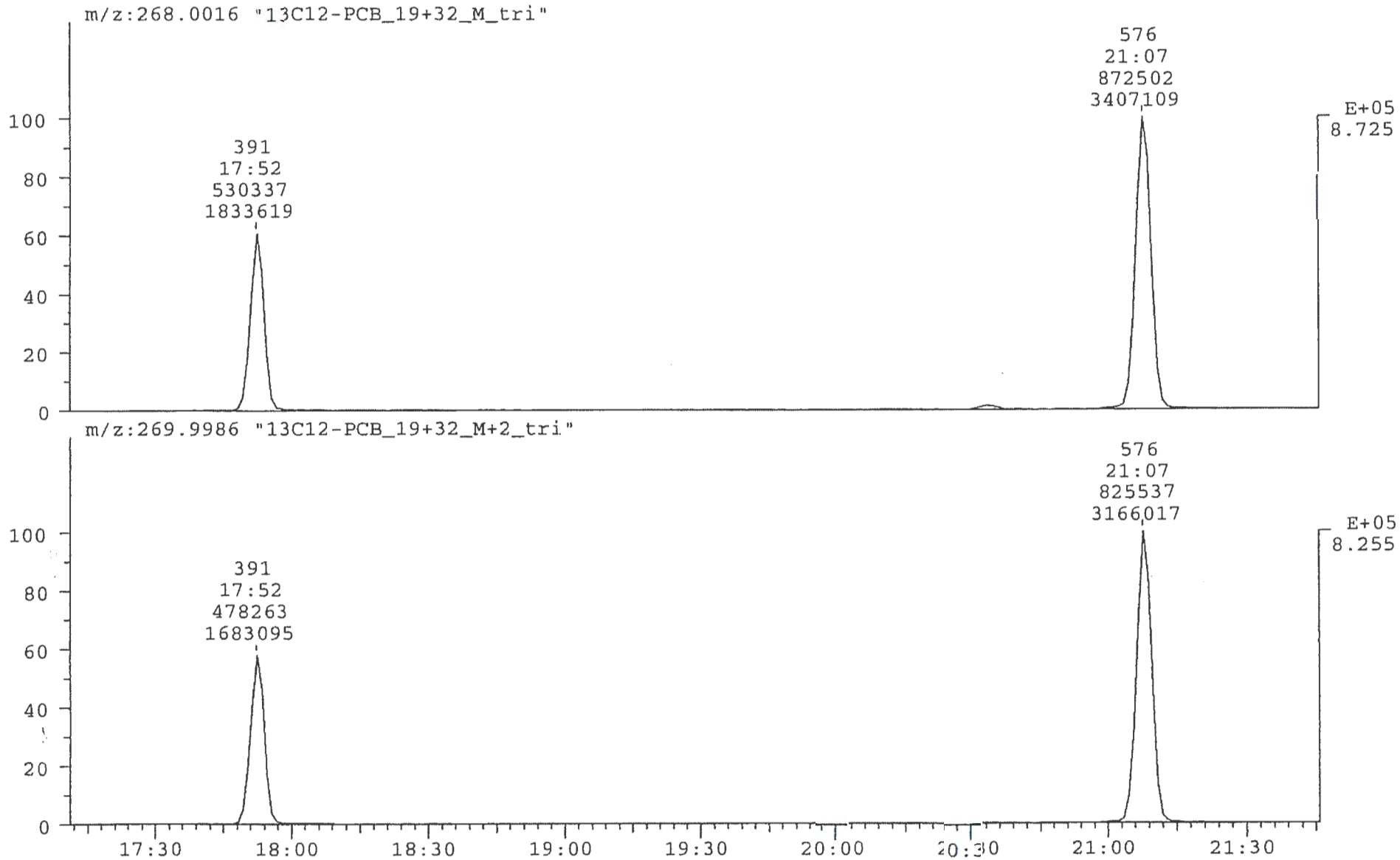
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  56:12      2556
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



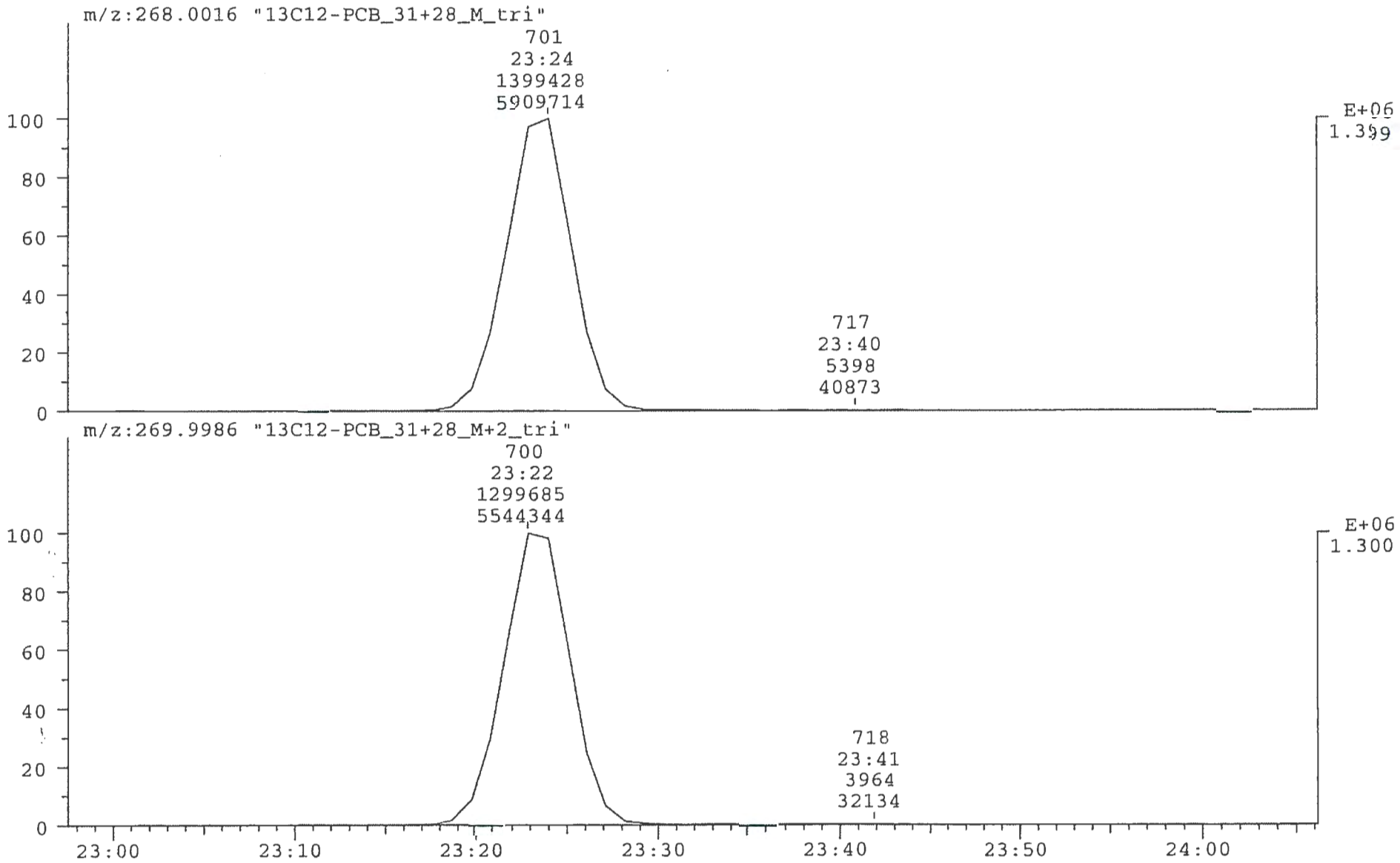
CHRO: a070313i5 14-Mar-07 Elapse: 22:53.3 672
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 352 > 992 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



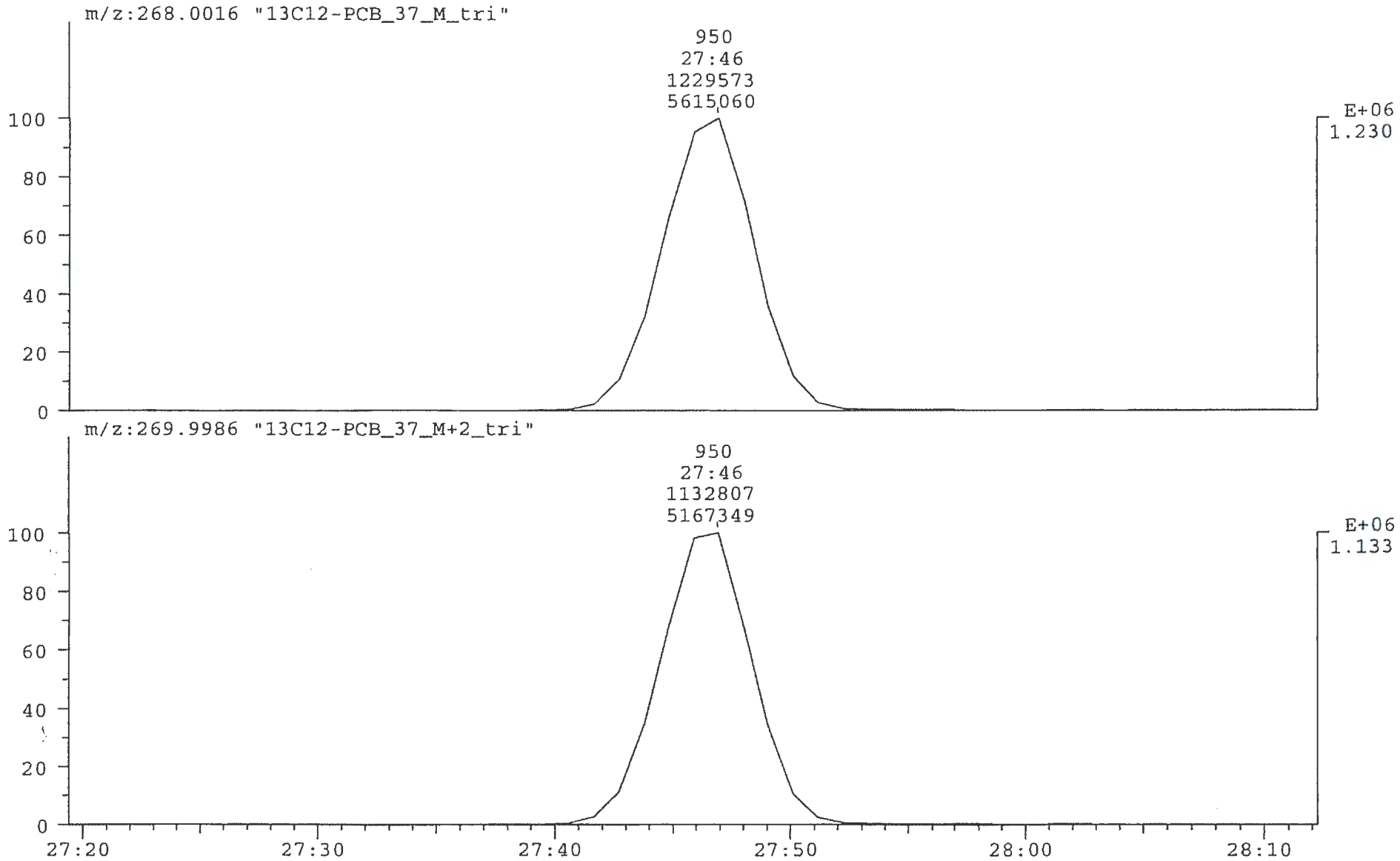
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  19:17.8      472
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



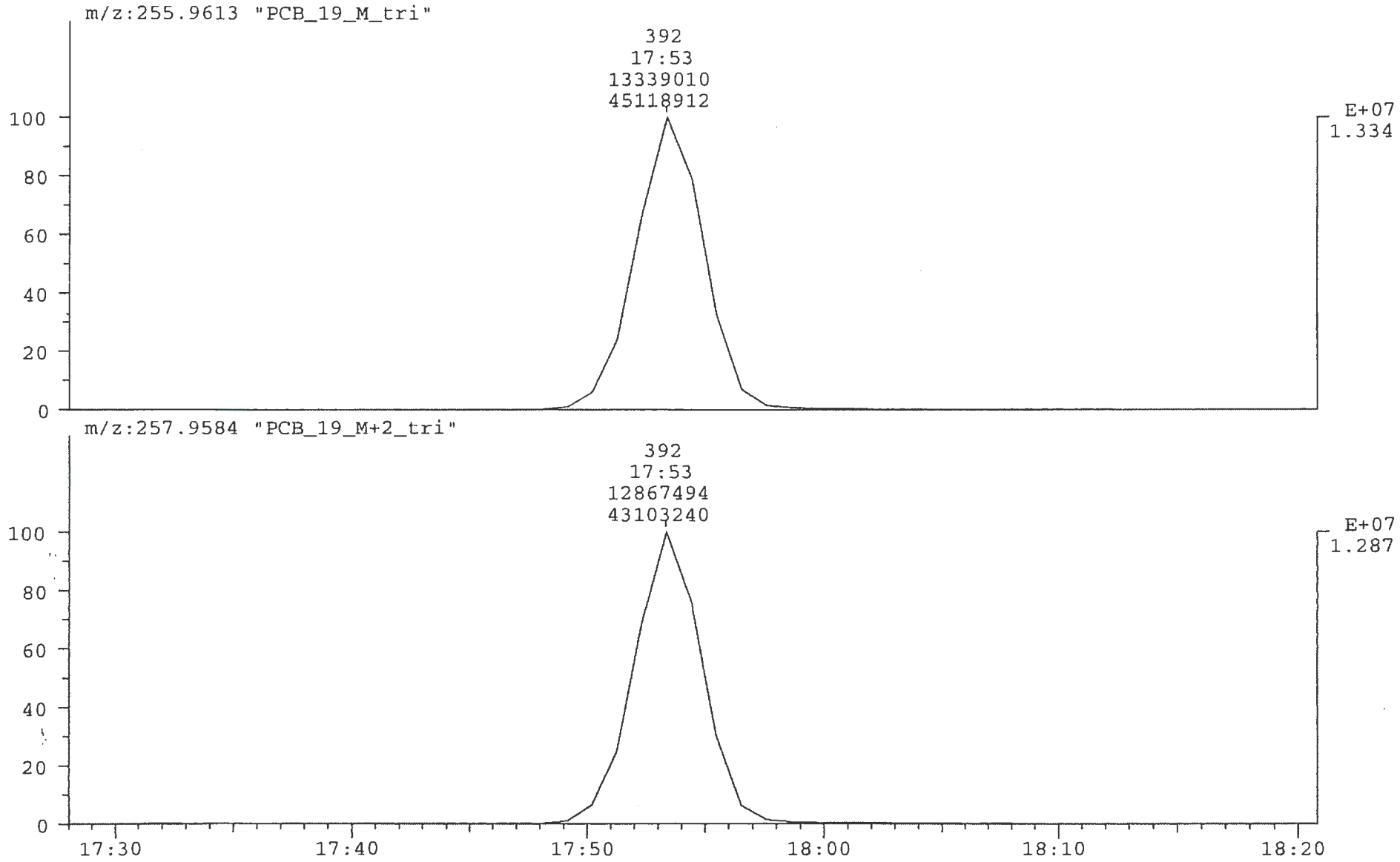
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  23:24.9      701
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   676 > 741             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



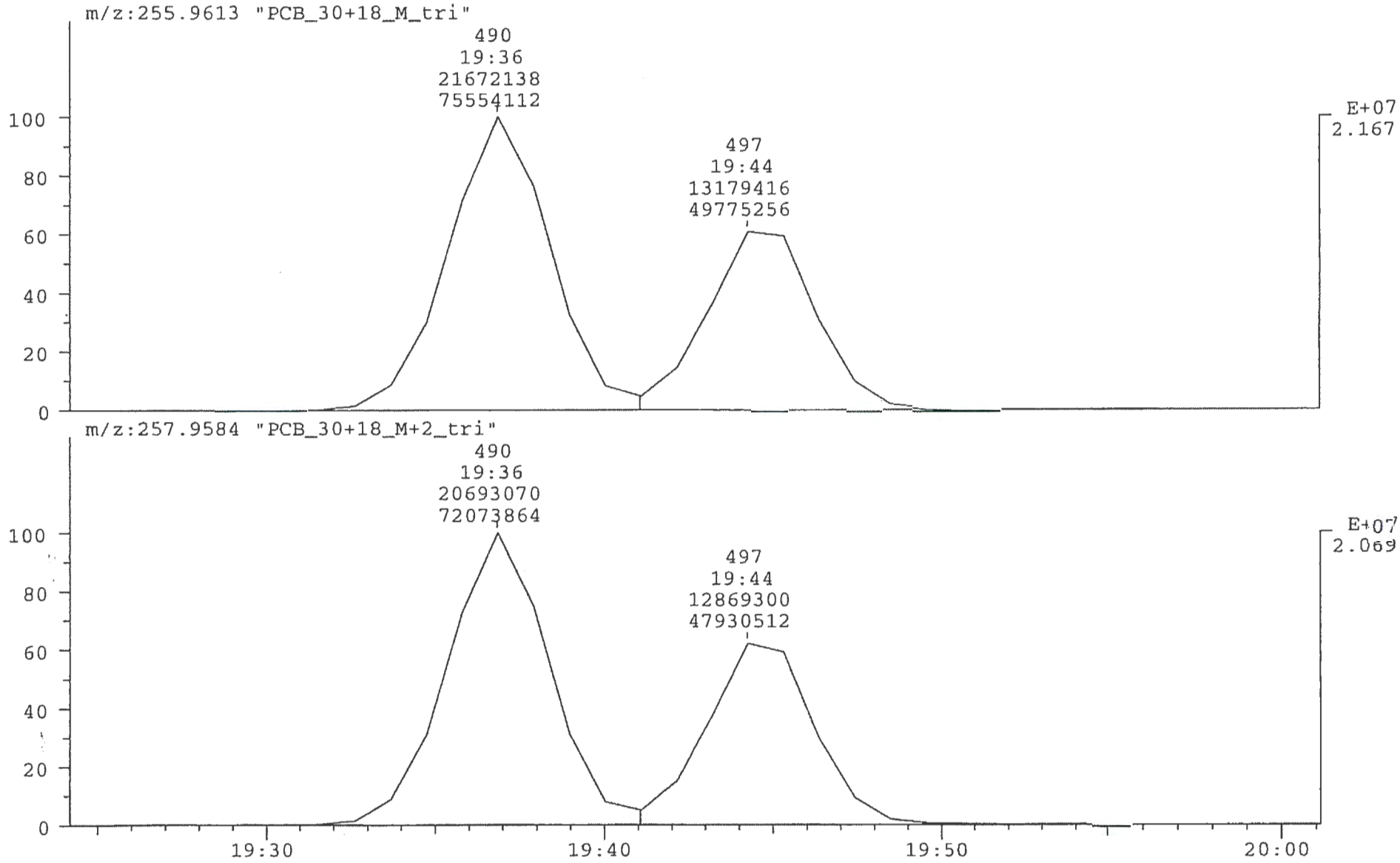
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  27:45.9      949
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   924 > 974             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



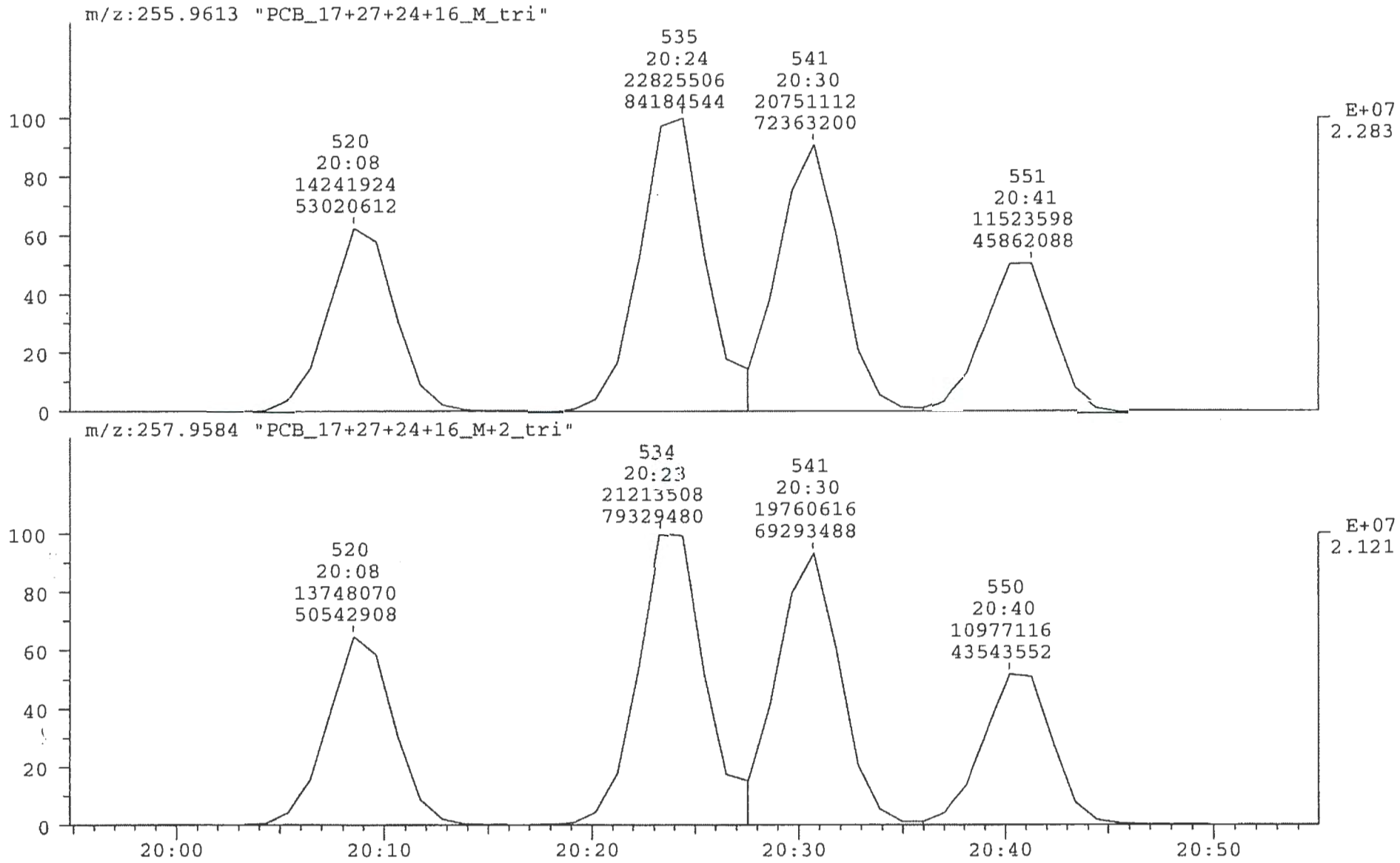
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  17:54.4      393
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   368 > 418             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



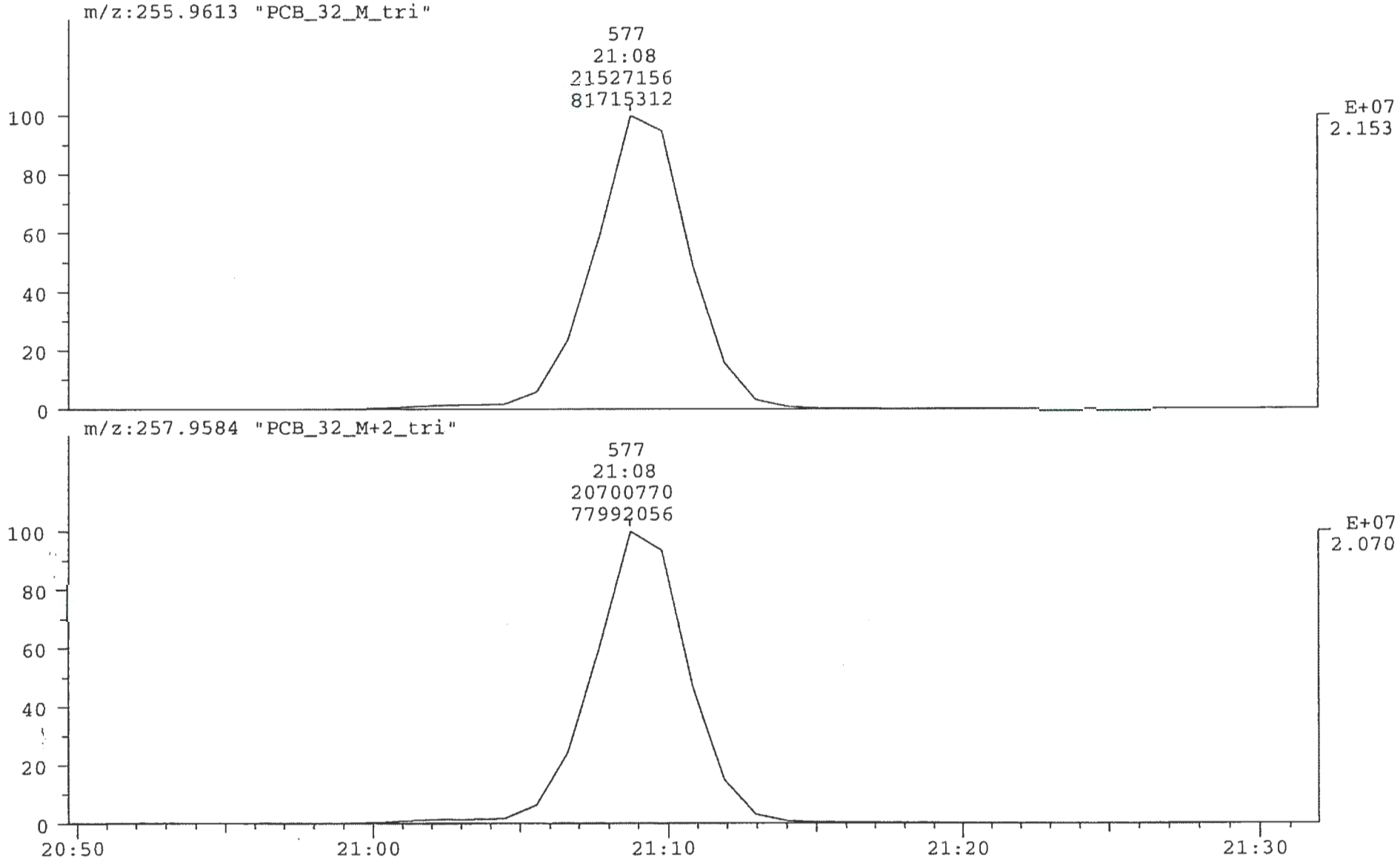
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  56:12      2556
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   478 > 513            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



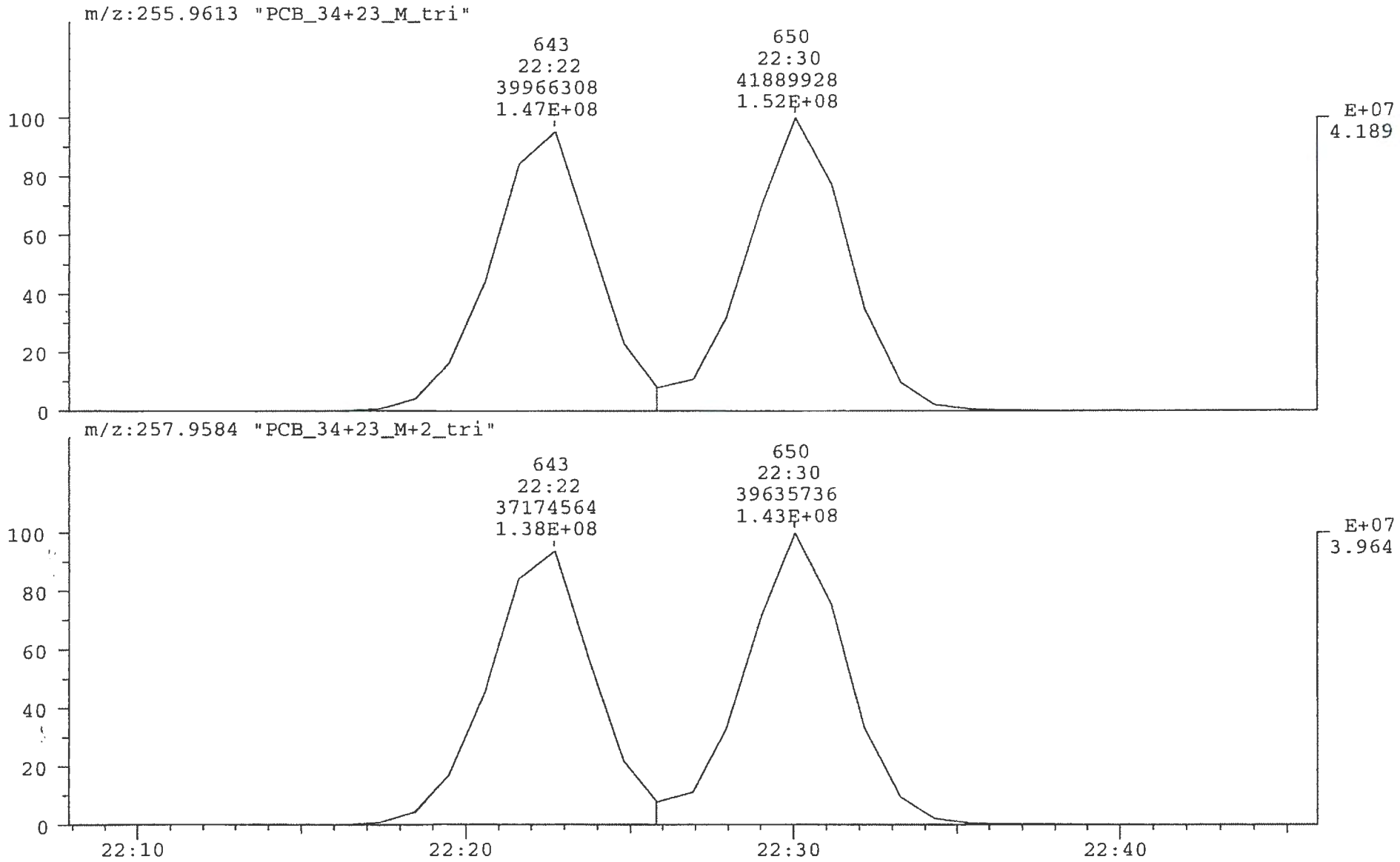
CHRO: a070313i5 14-Mar-07 Elapse: 20:26.5 537
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 507 > 564 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



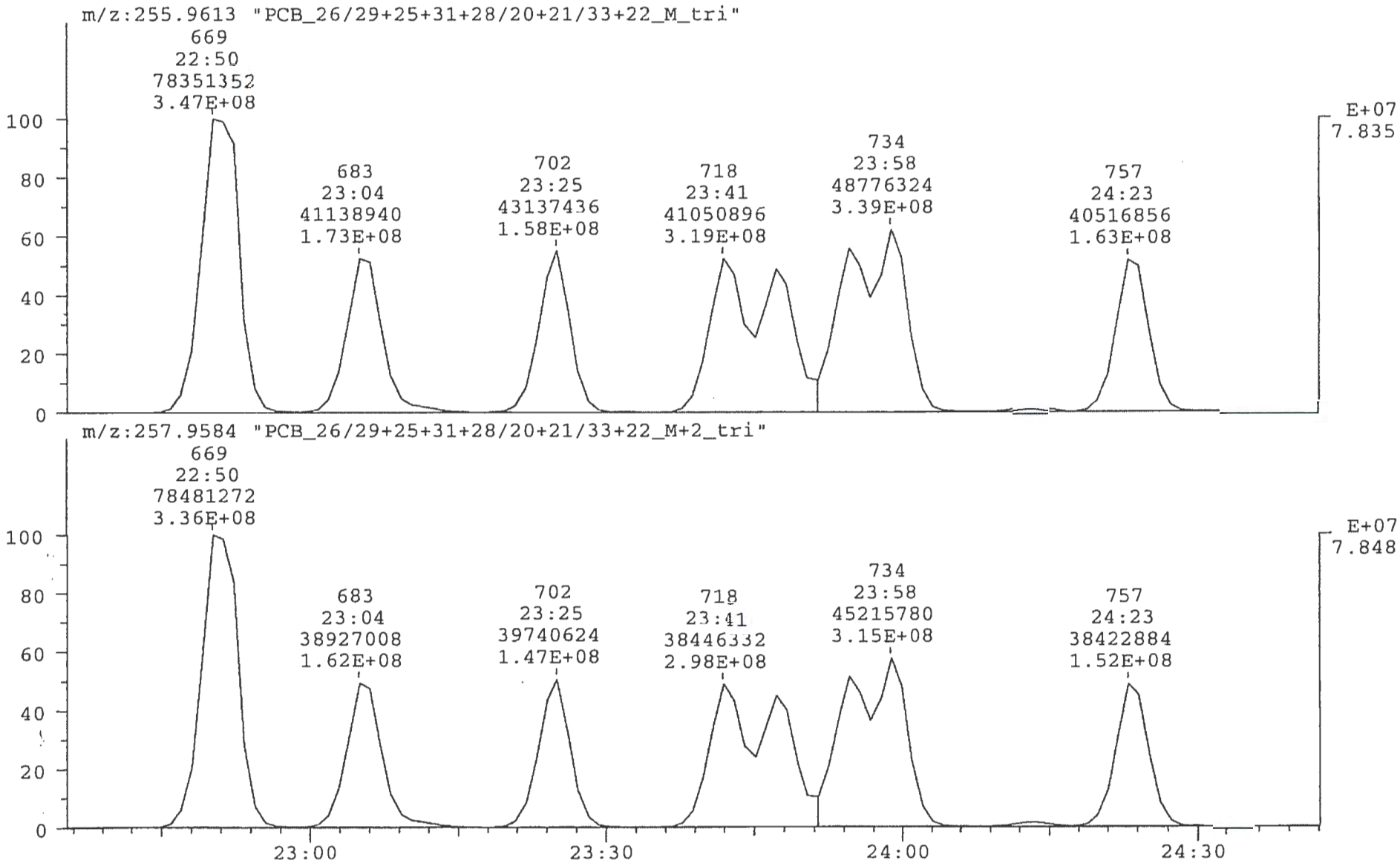
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  21:10.8      579
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



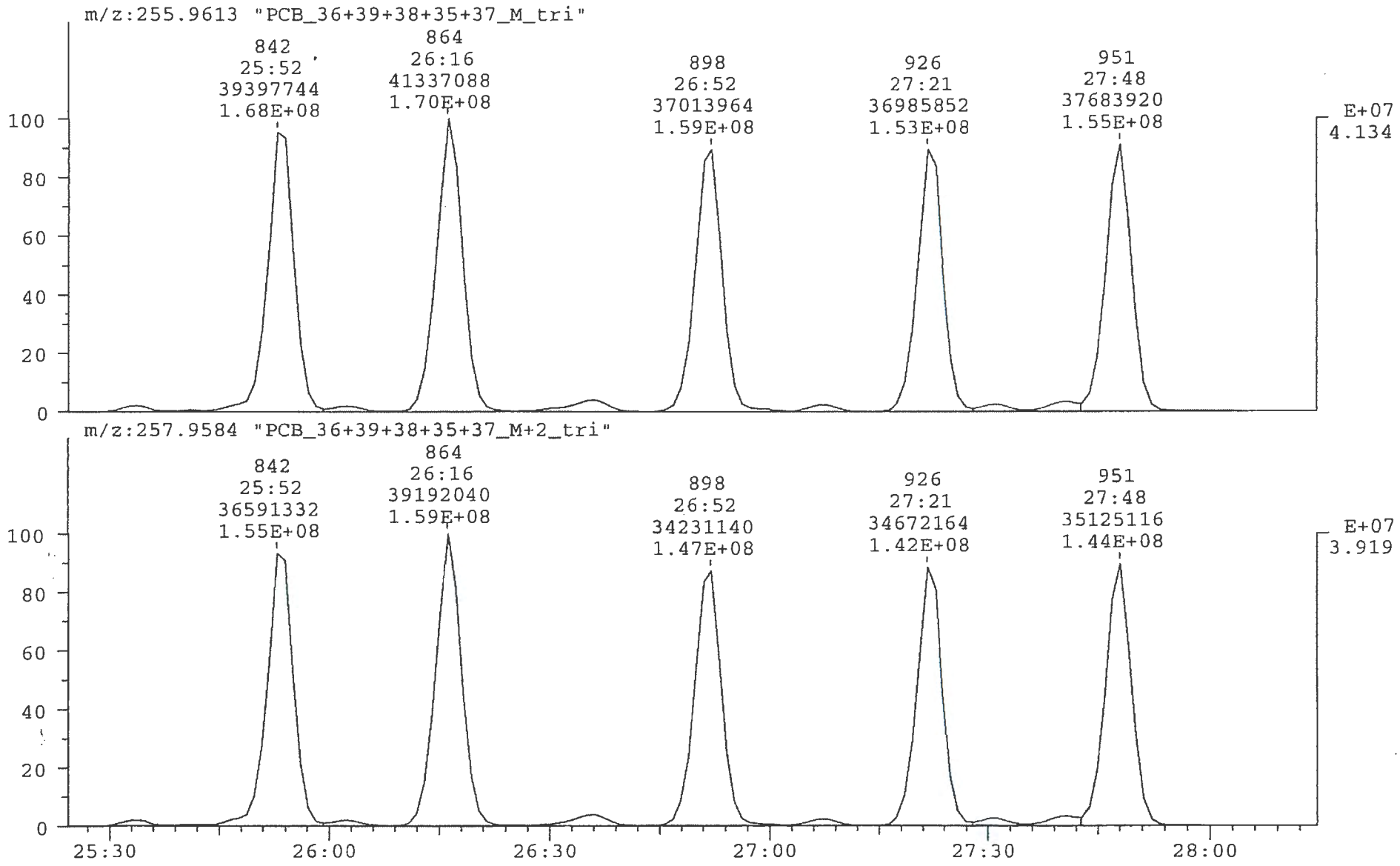
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  22:23.7      644
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   629 > 665             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



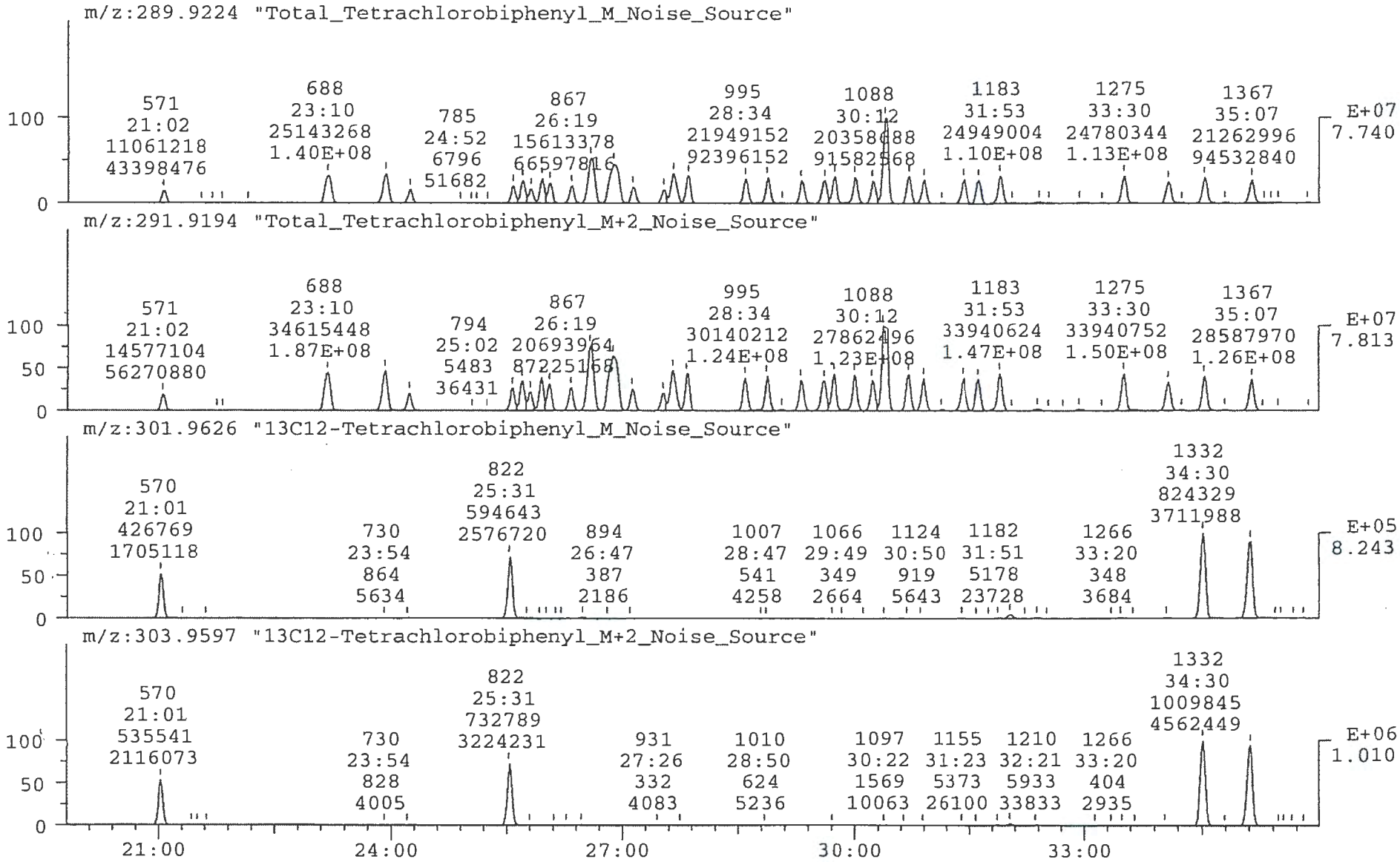
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  23:54.5      730
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   655 > 775             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



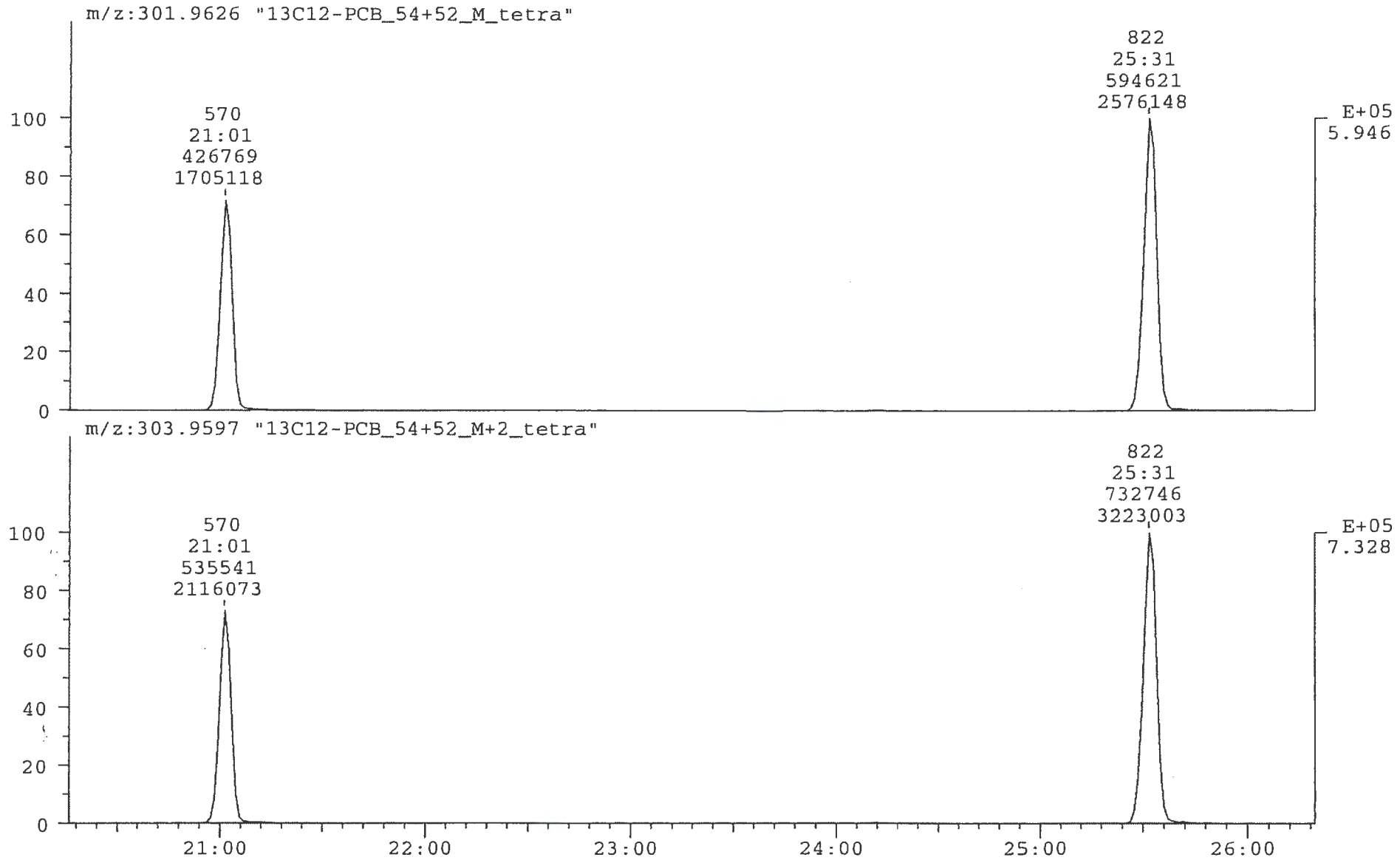
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  26:54.1      900
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   815 > 976             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



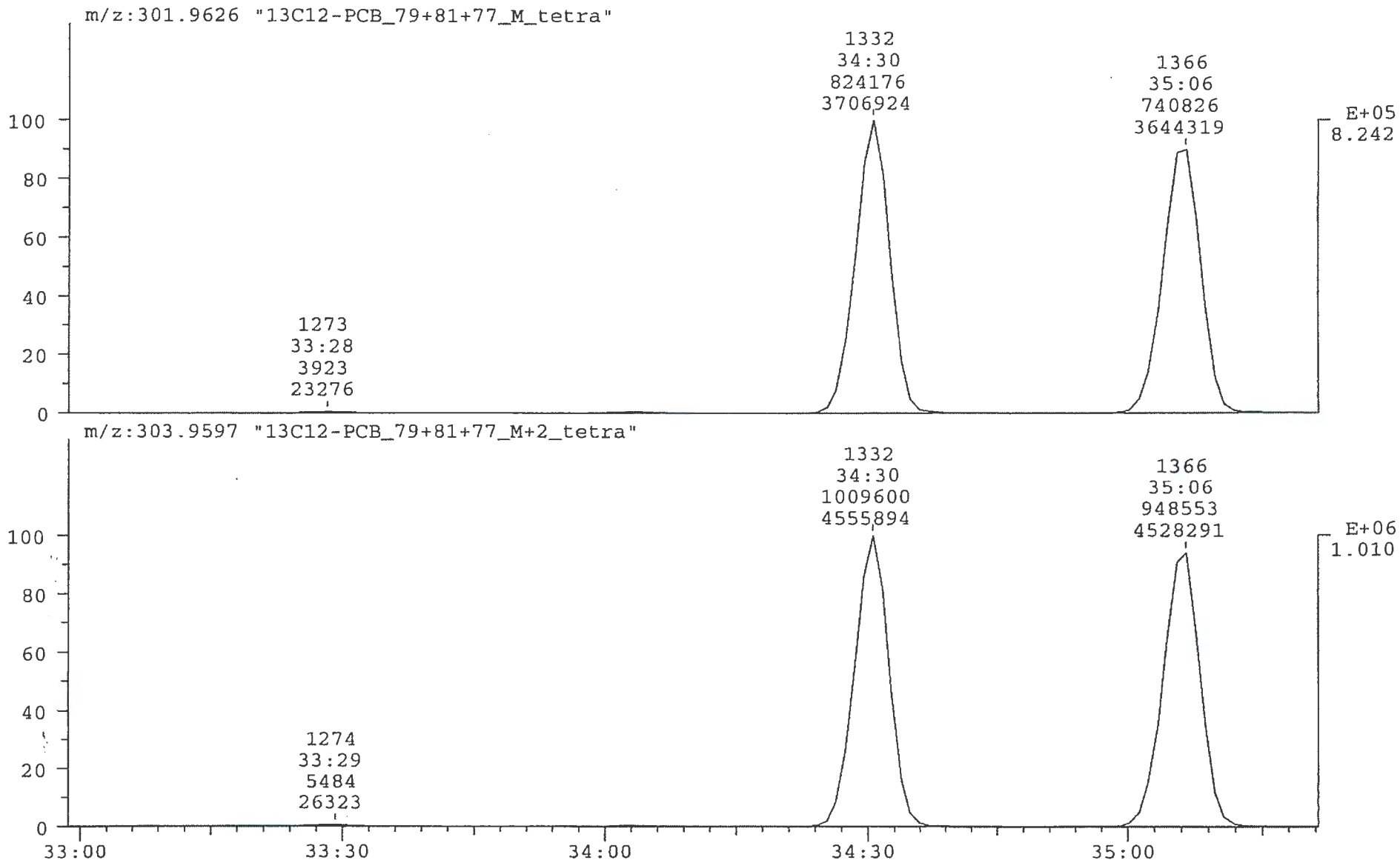
```
CHRO:  a070313i5                              14-Mar-07   Elapse:  27:53.2      956
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   501 > 1416          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



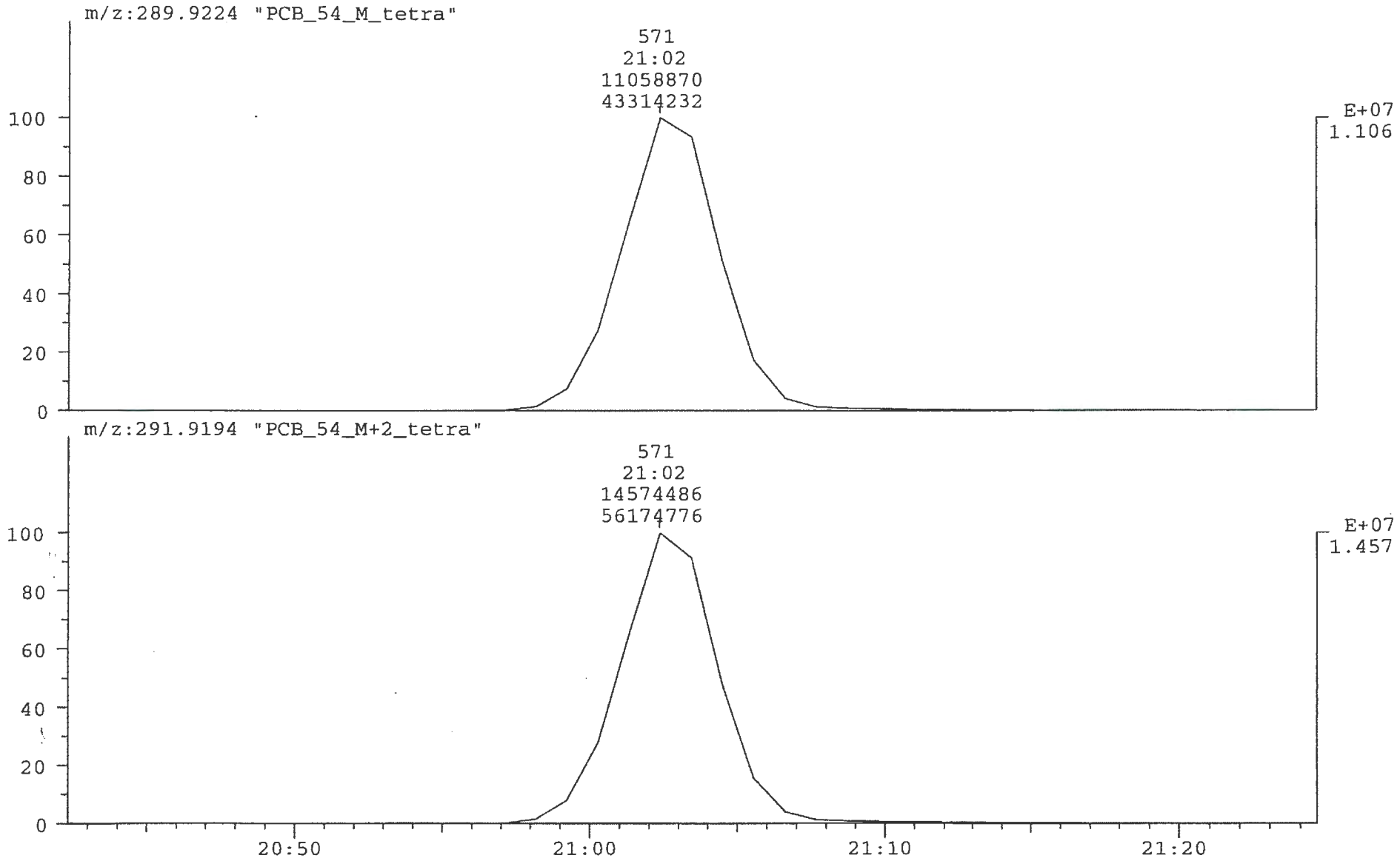
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  23:19.7      697
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
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
```



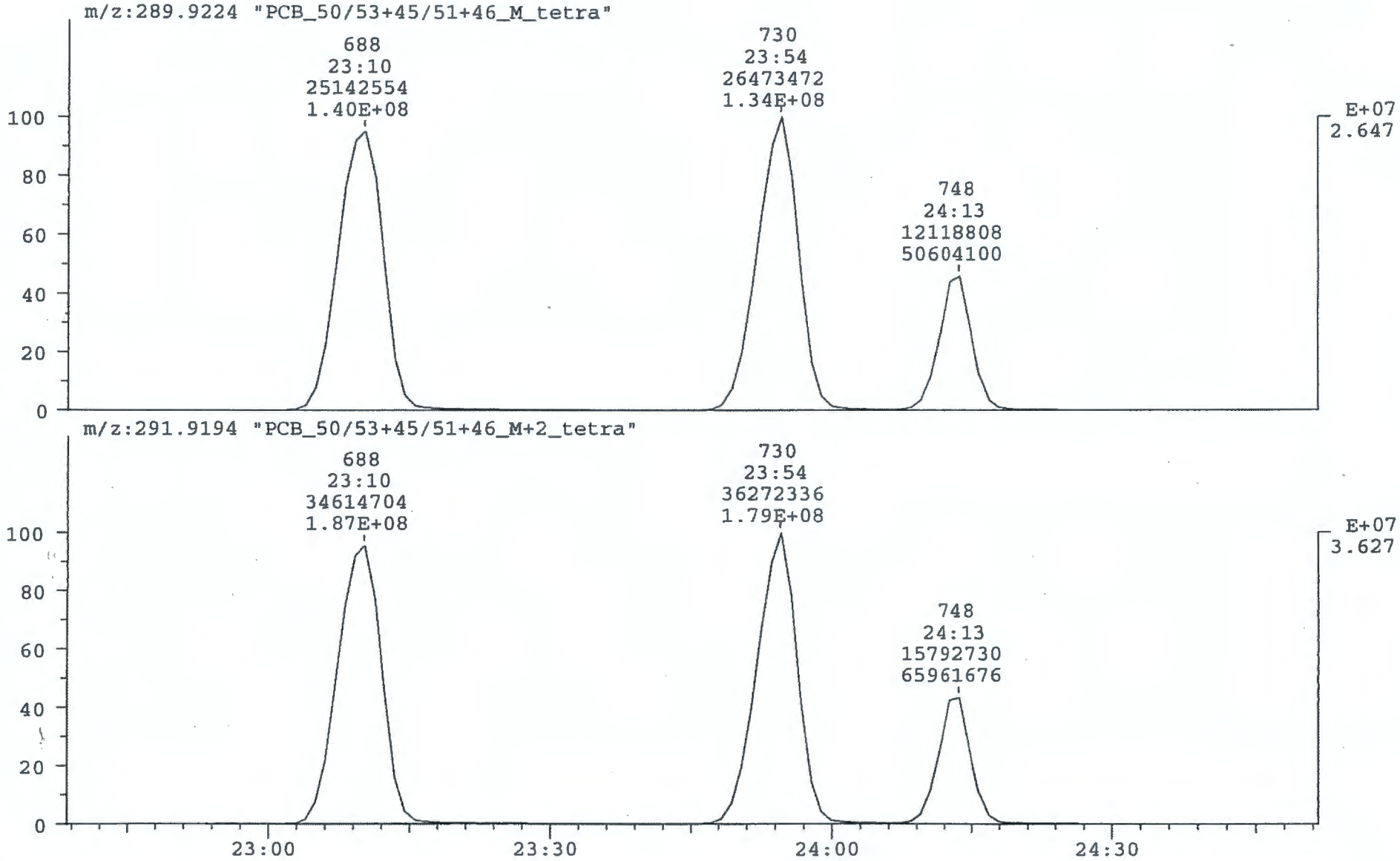
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  34:12      1315
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1245 > 1380          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



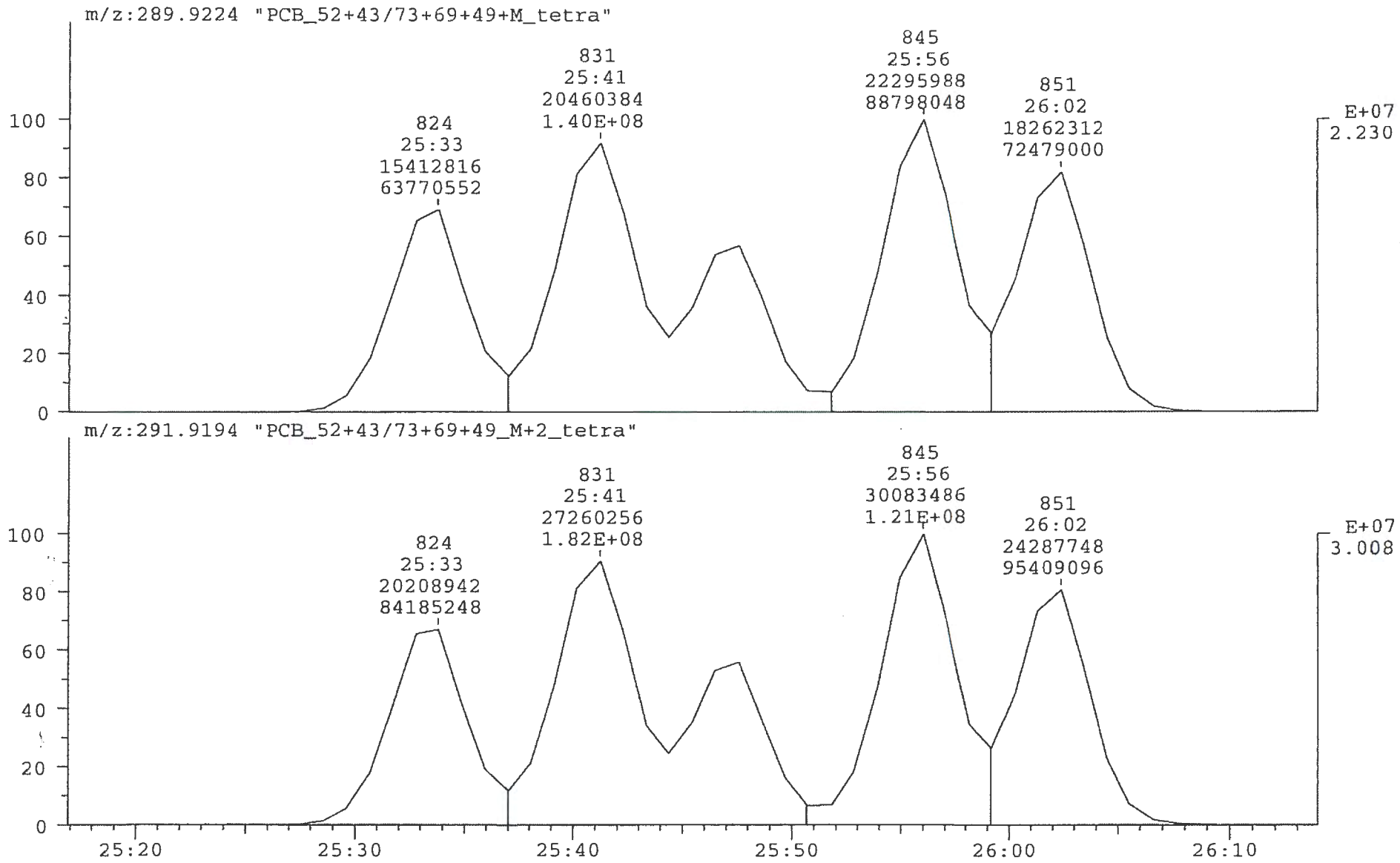
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  21:03.4      572
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   552 > 592             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



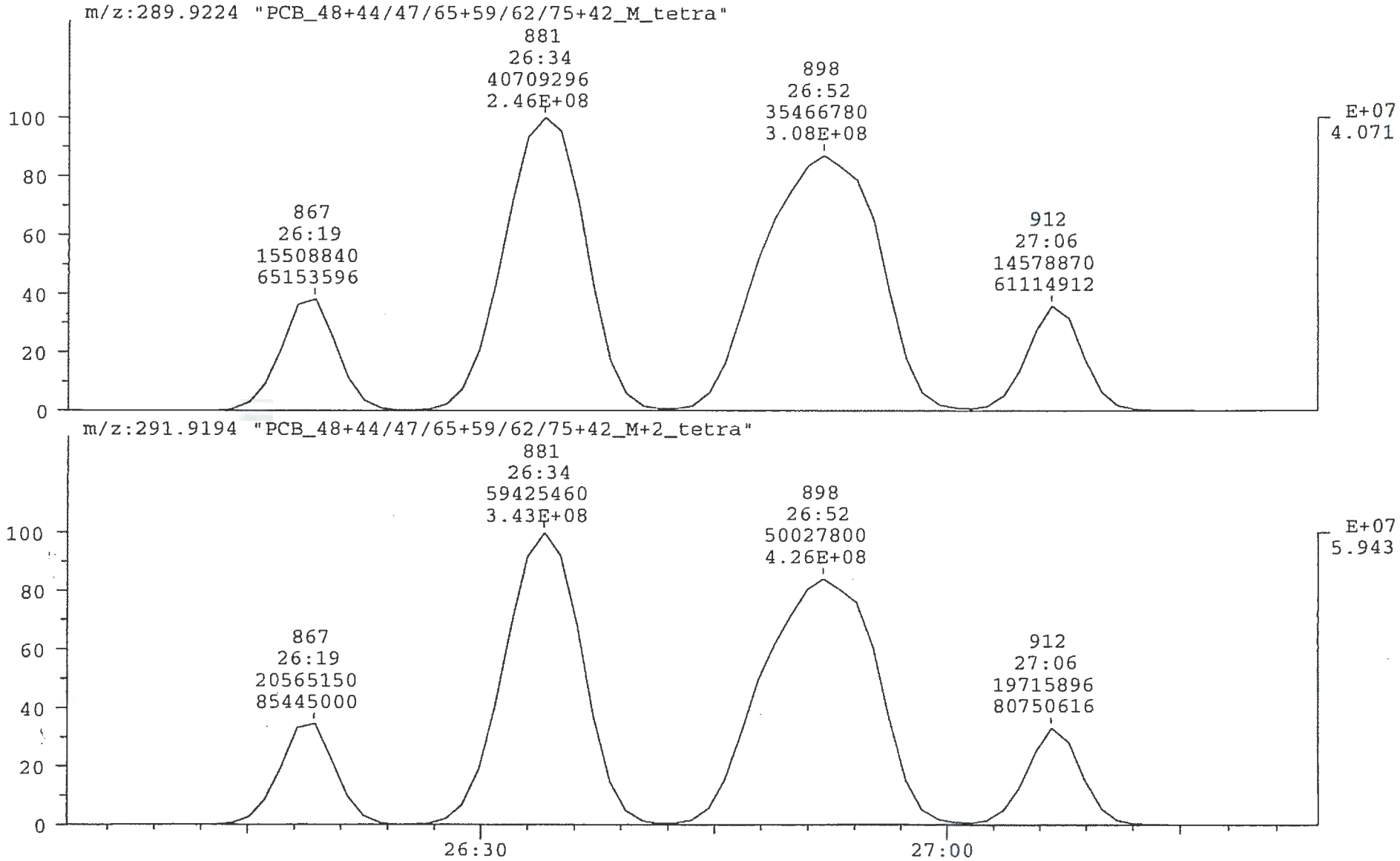
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  23:50.3      726
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   658 > 784             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



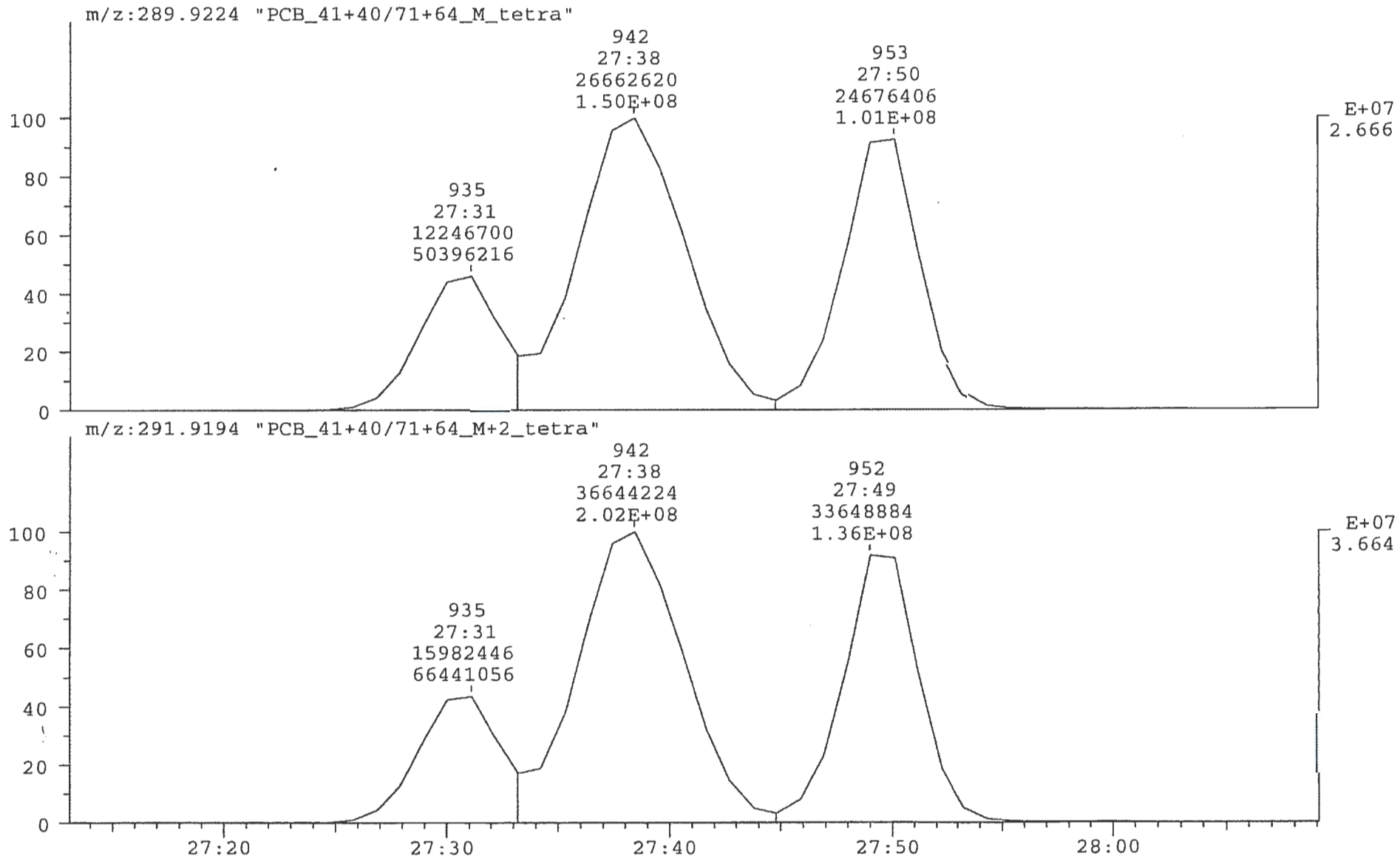
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  23:18.6      696
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   808 > 862             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



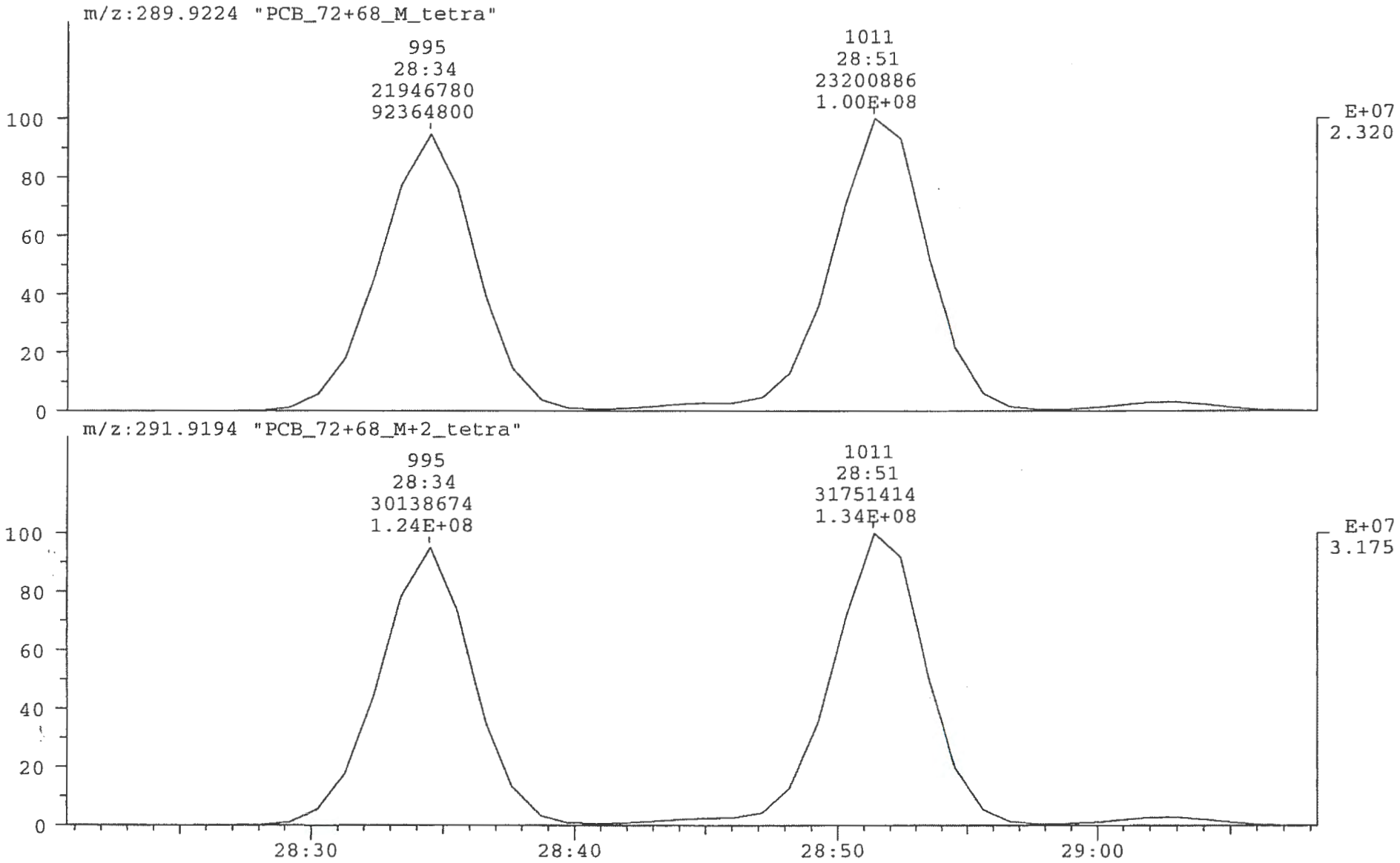
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  26:45.6      892
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   852 > 928             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



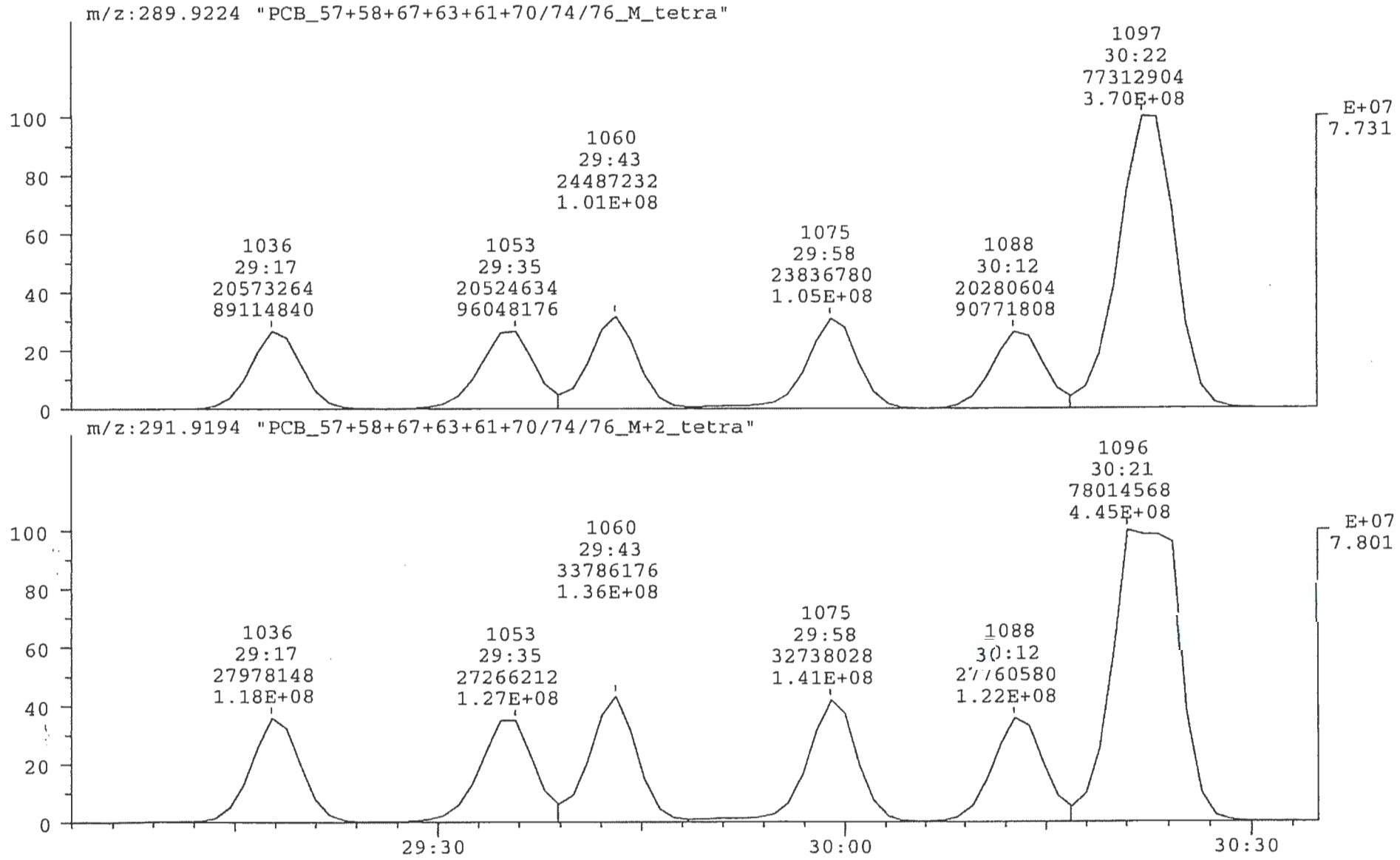
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  27:46.9      950
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   8
Peak:  100.00  ppm      Label wndw:   918 > 971             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



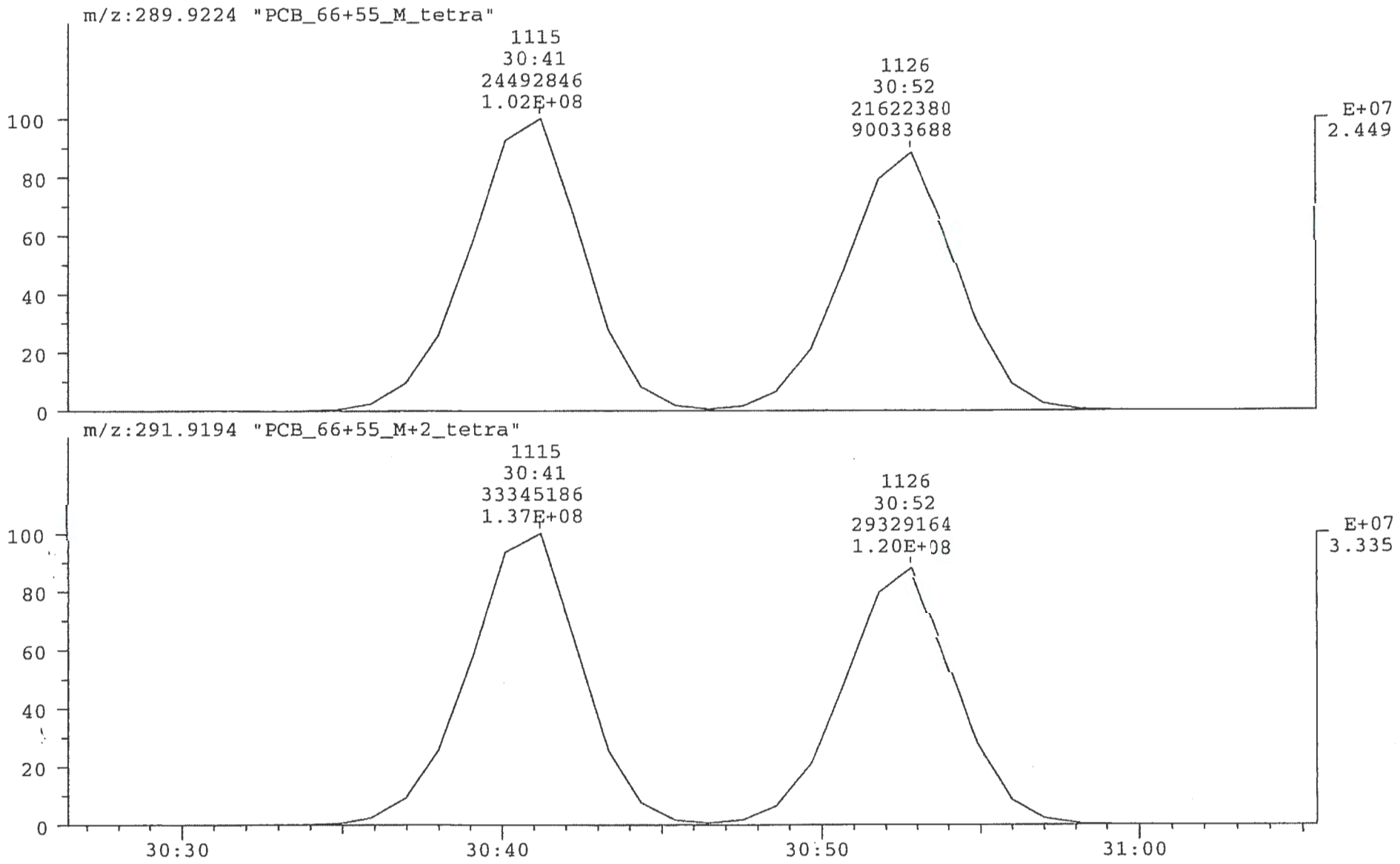
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  28:47      1007
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   982 > 1027            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



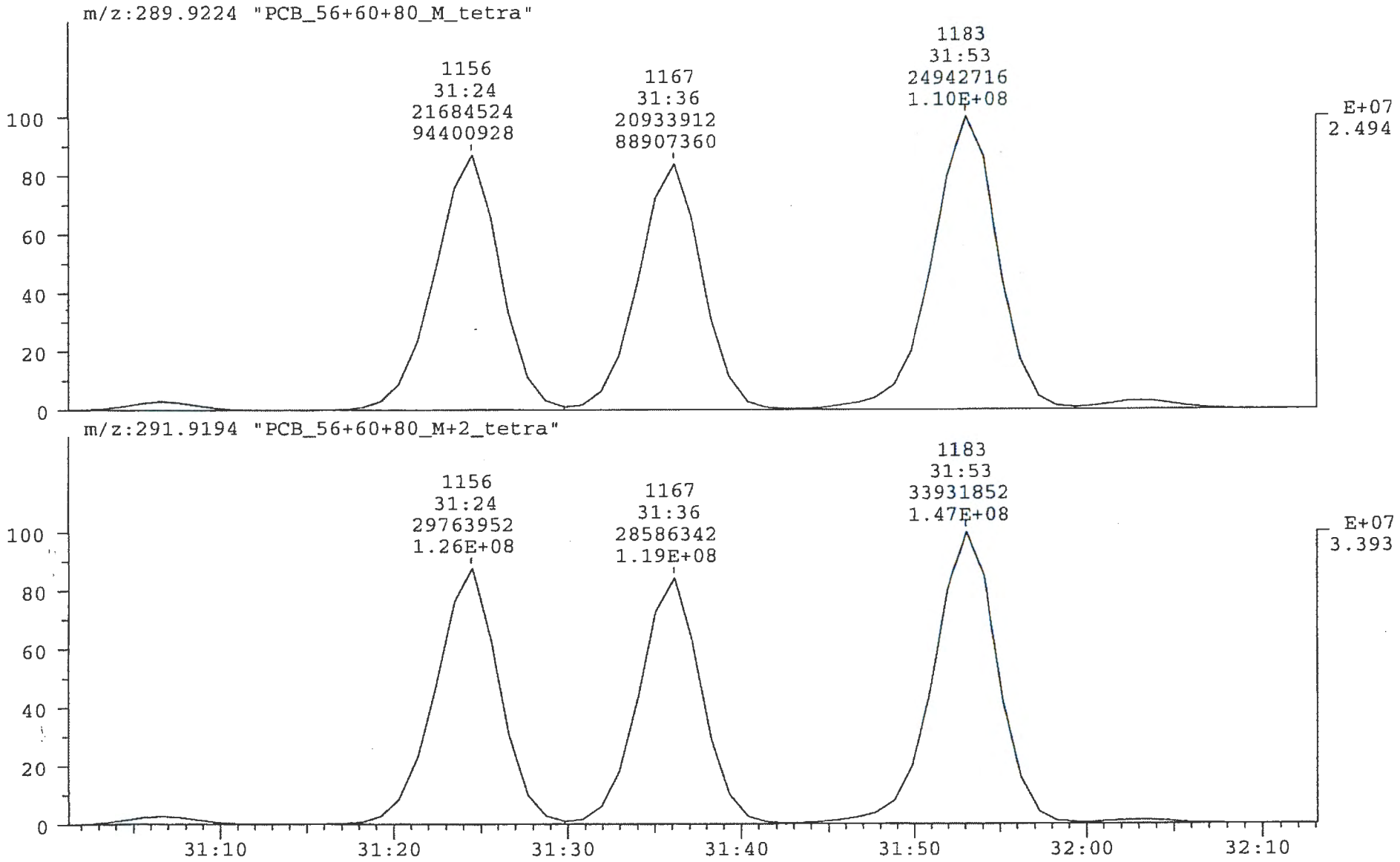
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  29:52      1069
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1022 > 1109           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



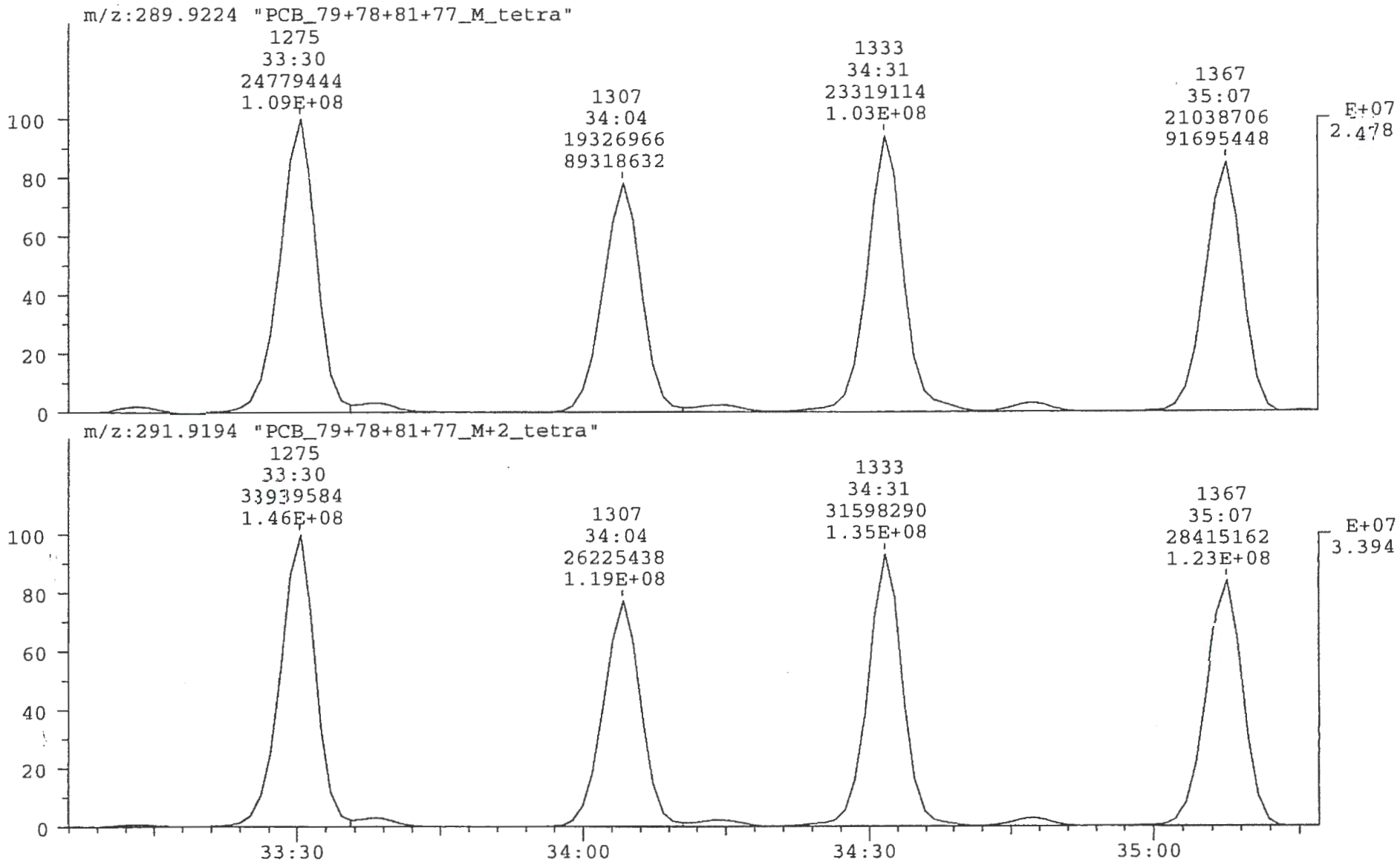
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  30:49      1123
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1101 > 1138           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



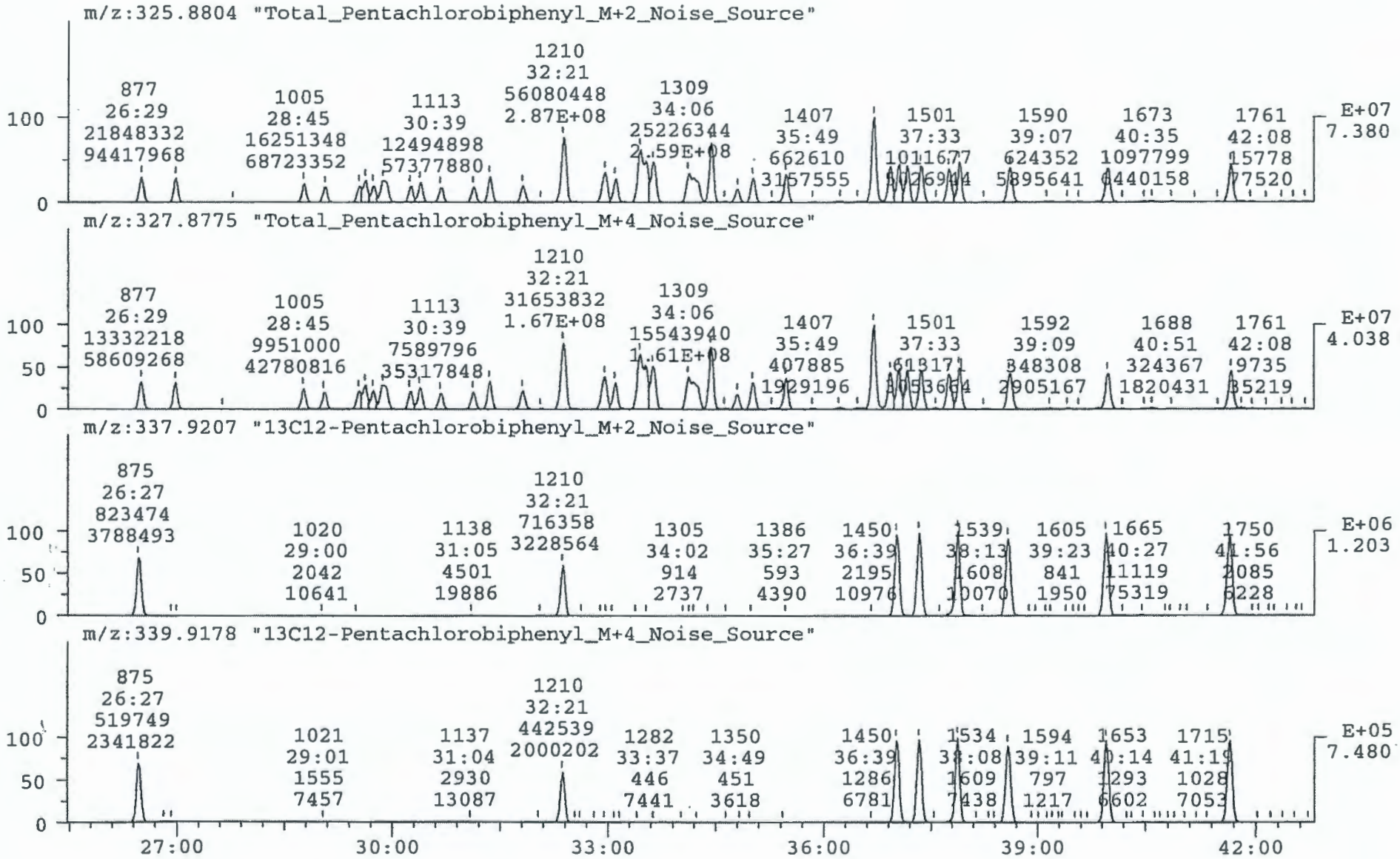
CHRO: a070313i5 14-Mar-07 Elapse: 31:41 1172
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1134 > 1202 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



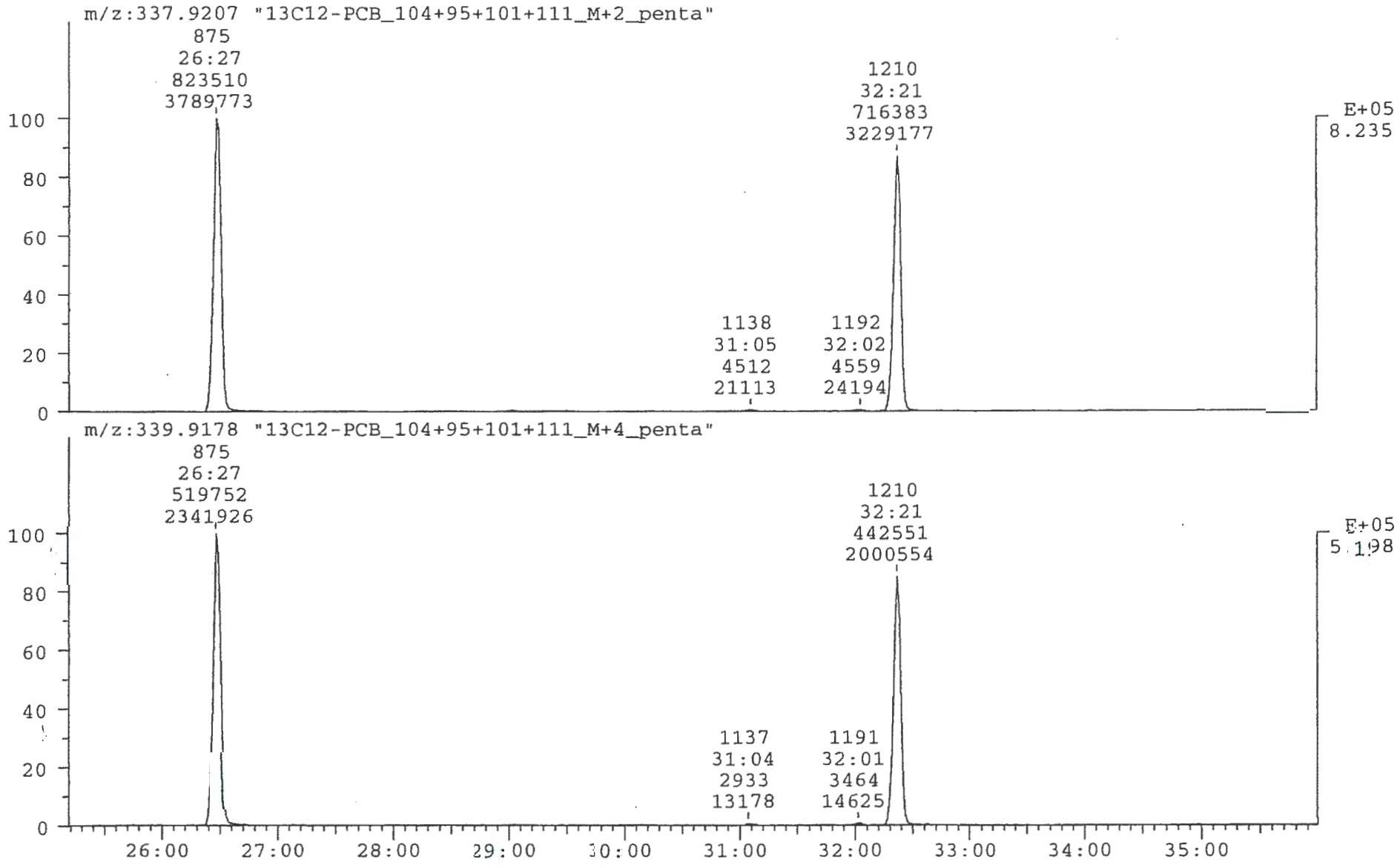
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  34:13      1316
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1252 > 1376           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070313i5 14-Mar-07 Elapse: 34:08 1311
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 819 > 1798 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

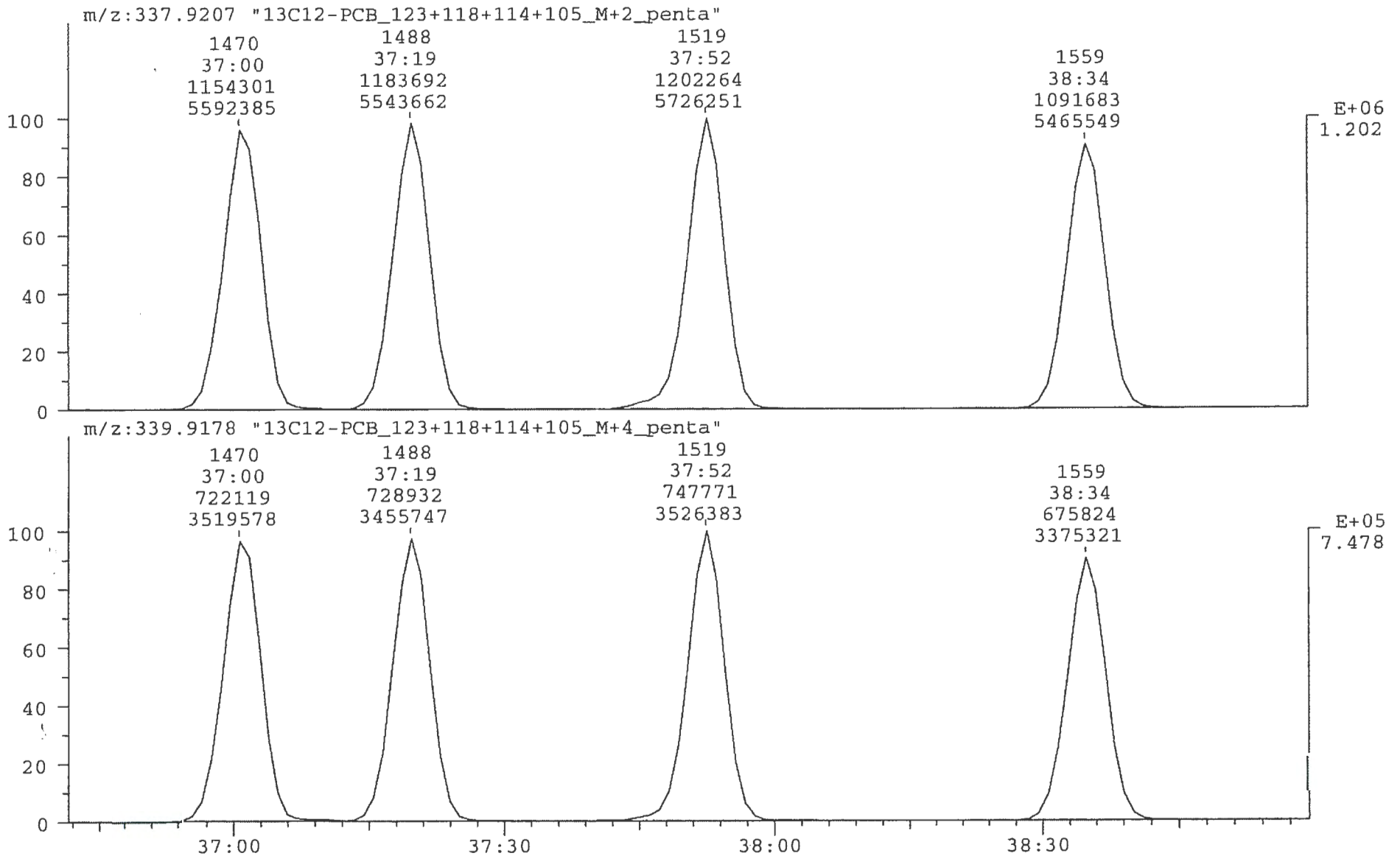


```
CHRO:  a070313i5                                14-Mar-07   Elapse:  30:34      1109
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   802 > 1416            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

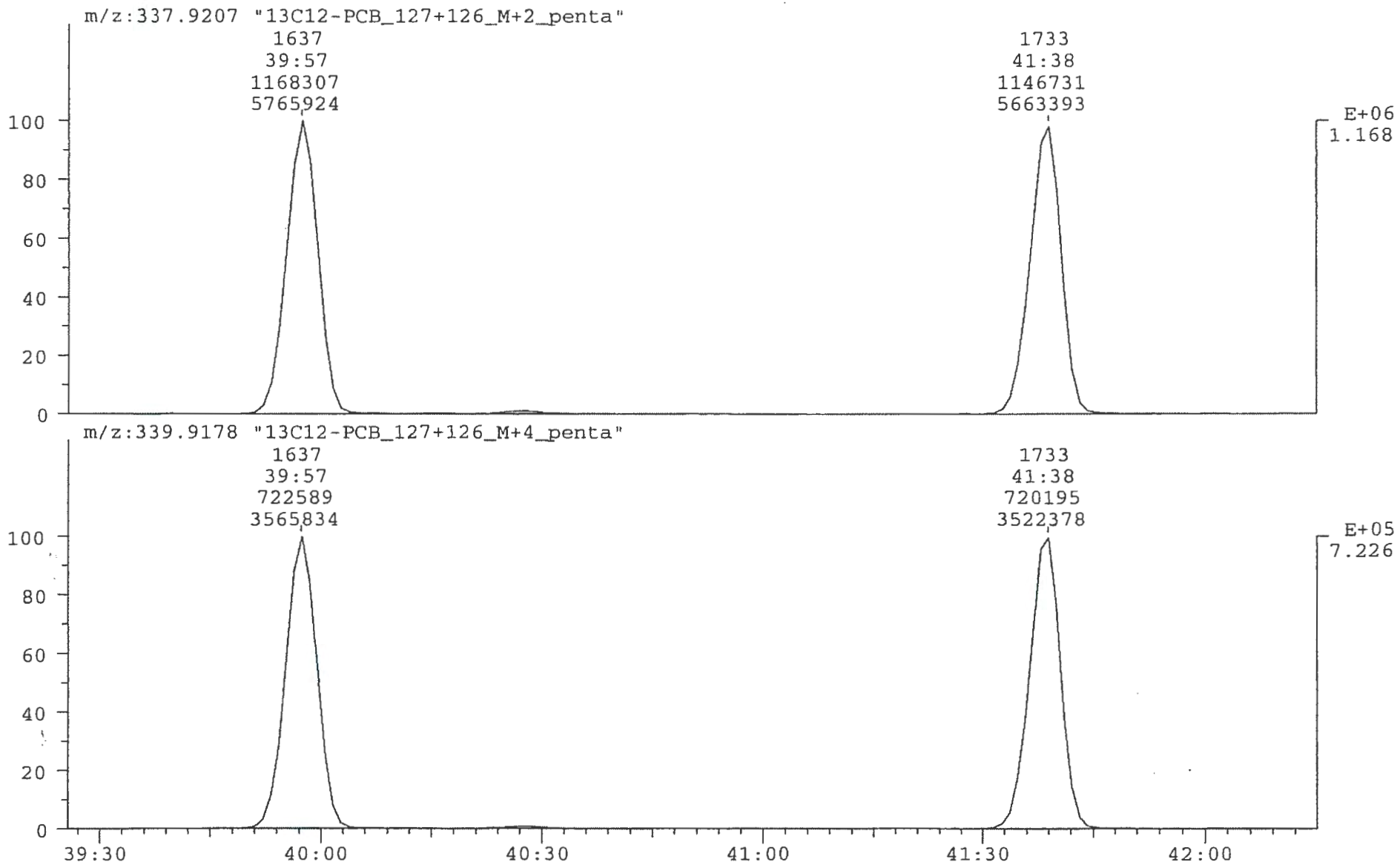


1680

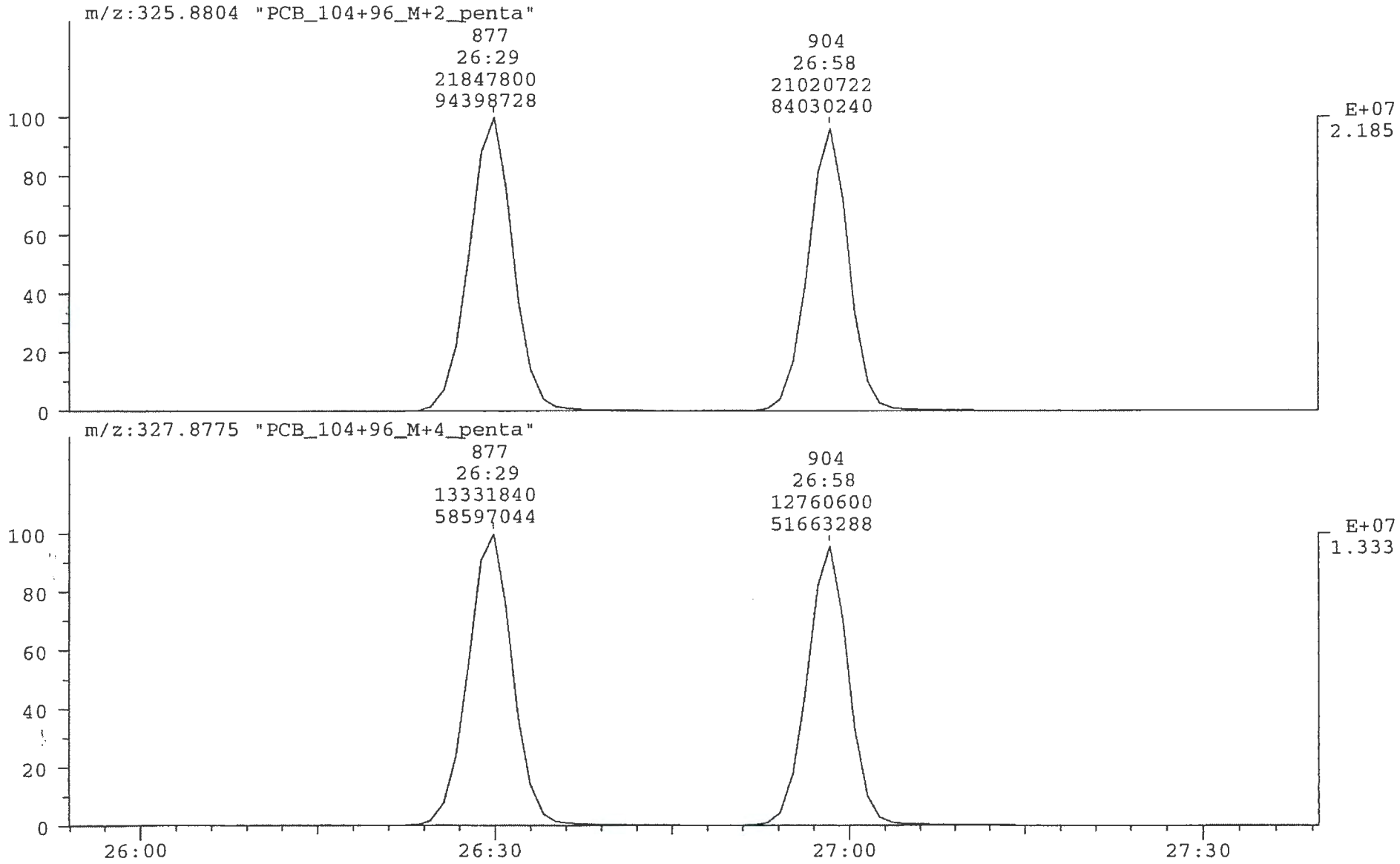
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  37:50      1517
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1452 > 1582           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



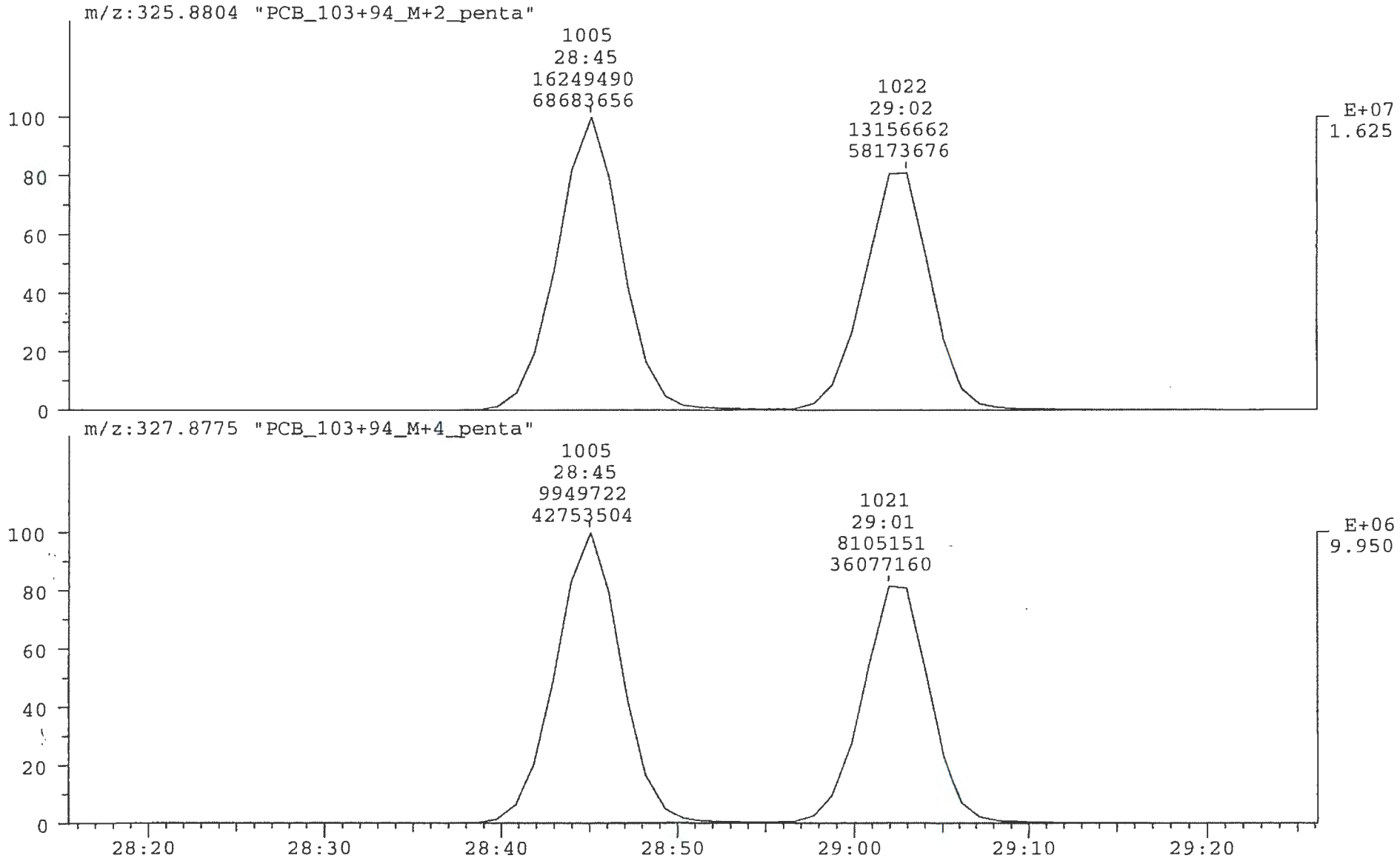
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  40:50      1687
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   8
Peak:  100.00  ppm     Label wndw:   1607 > 1767            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



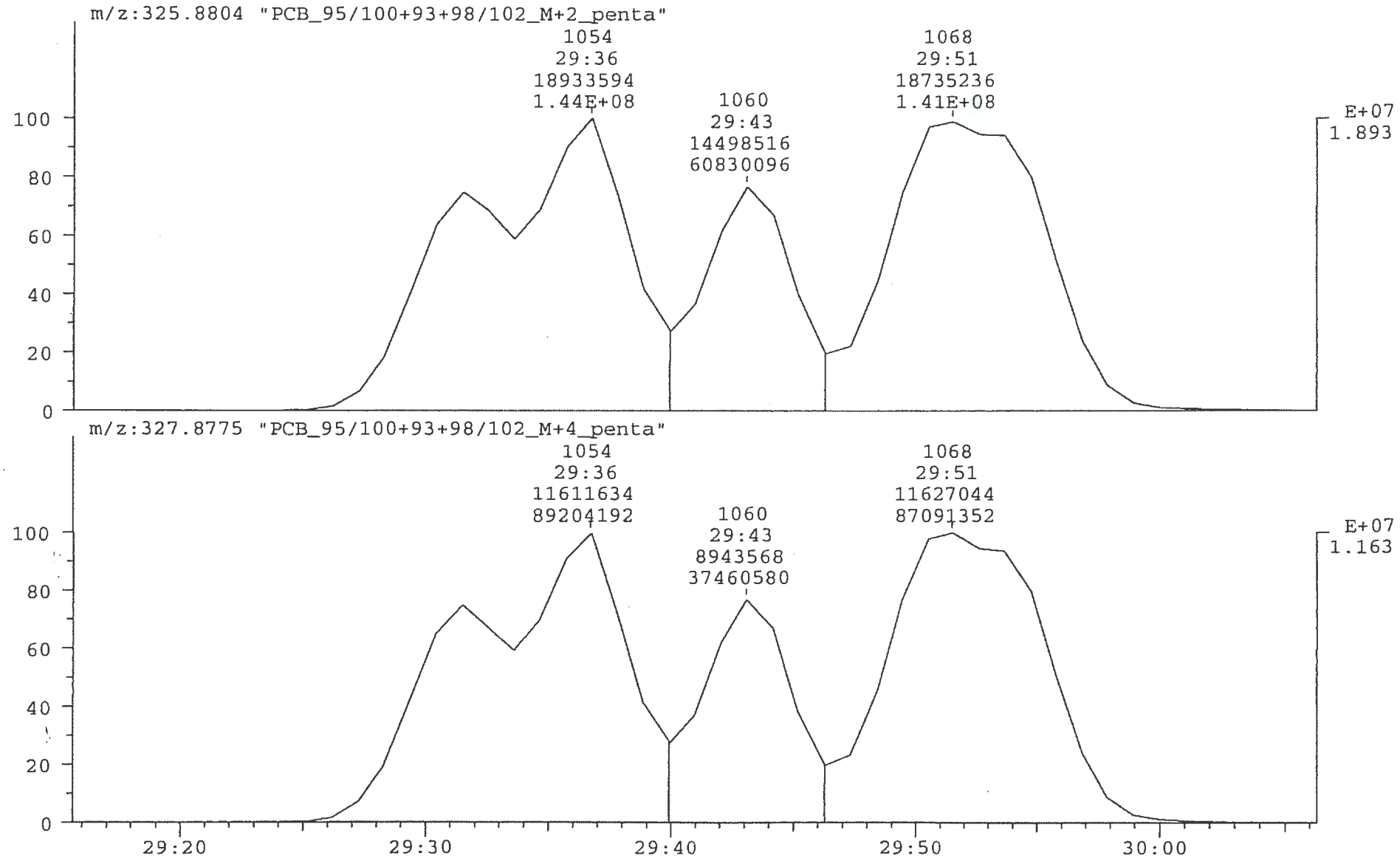
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  26:46.7      893
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   843 > 943            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



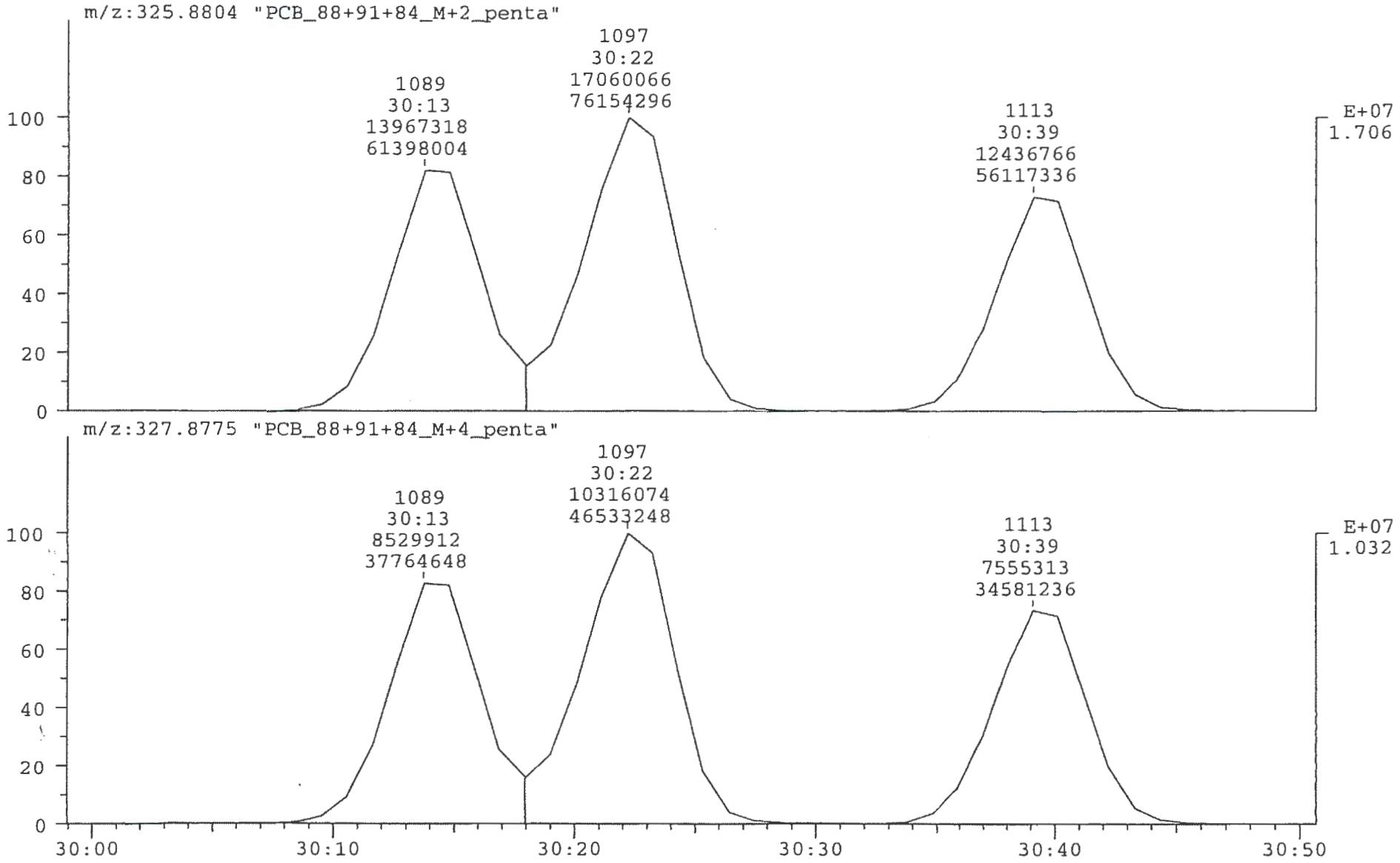
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  28:57      1017
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   977 > 1044            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



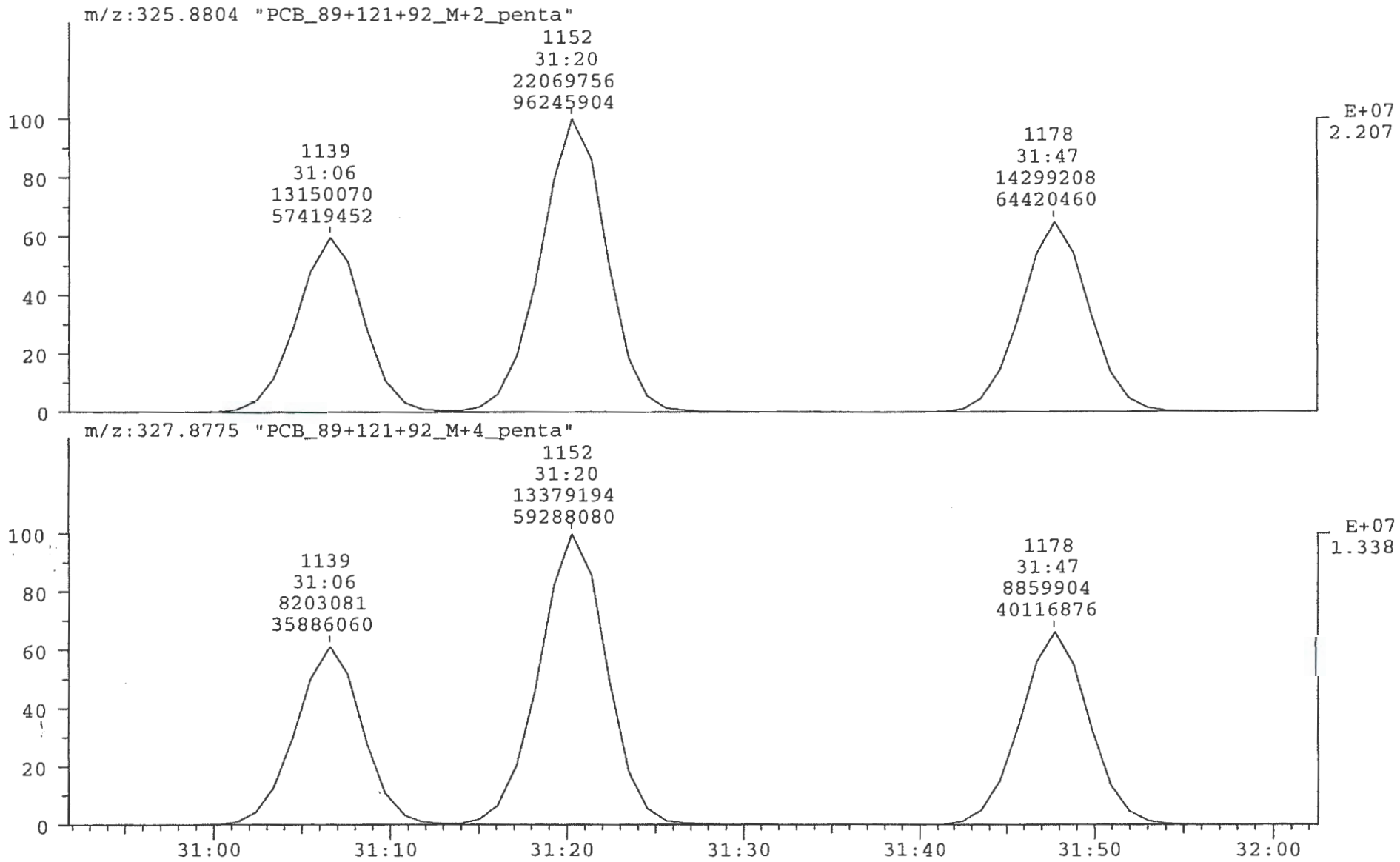
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  29:44      1061
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1034 > 1082           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4                Label :  -3, 3.0
Disp:  Height  Area
```



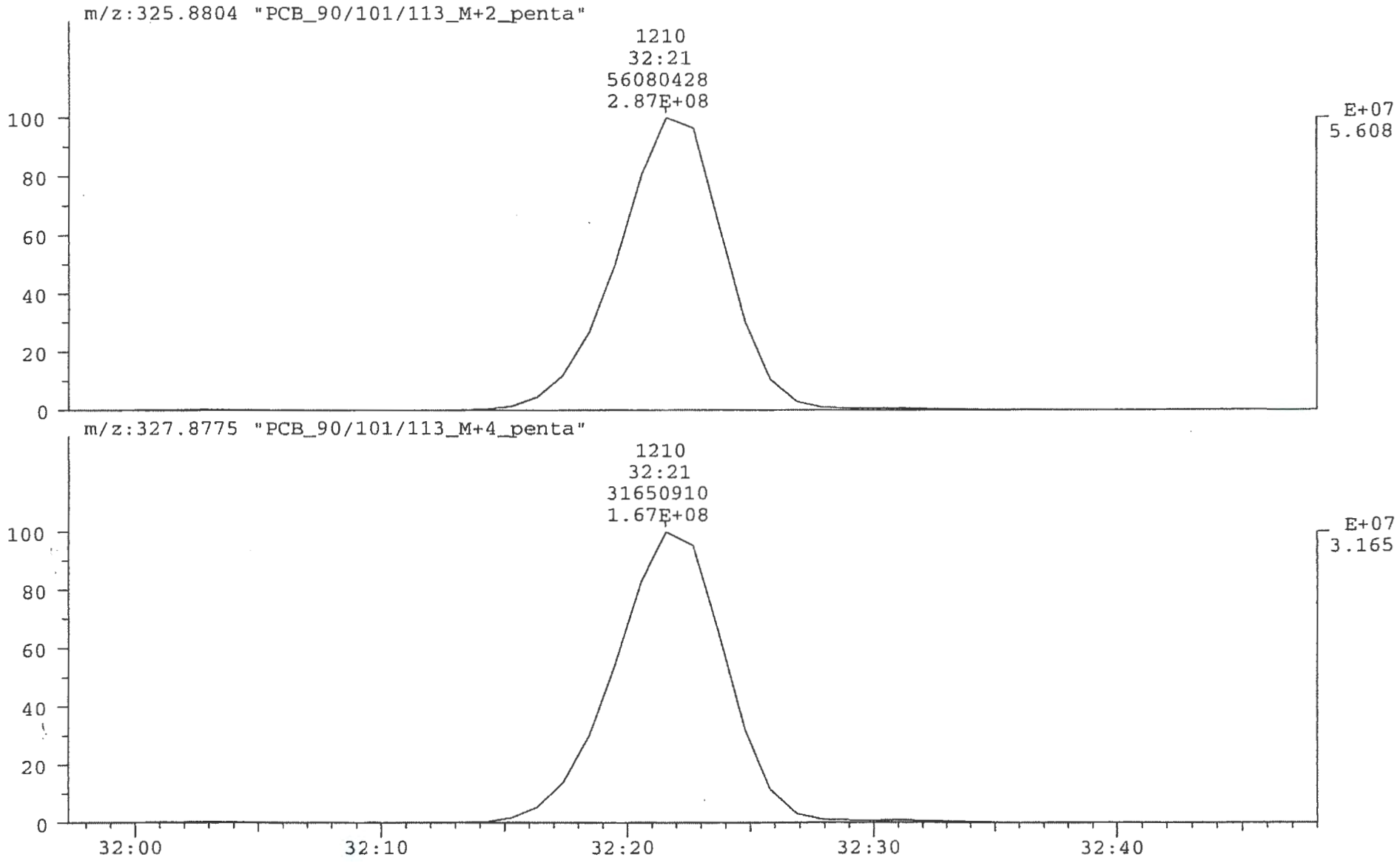
CHRO: a070313i5 14-Mar-07 Elapse: 30:29 1104
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1075 > 1124 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



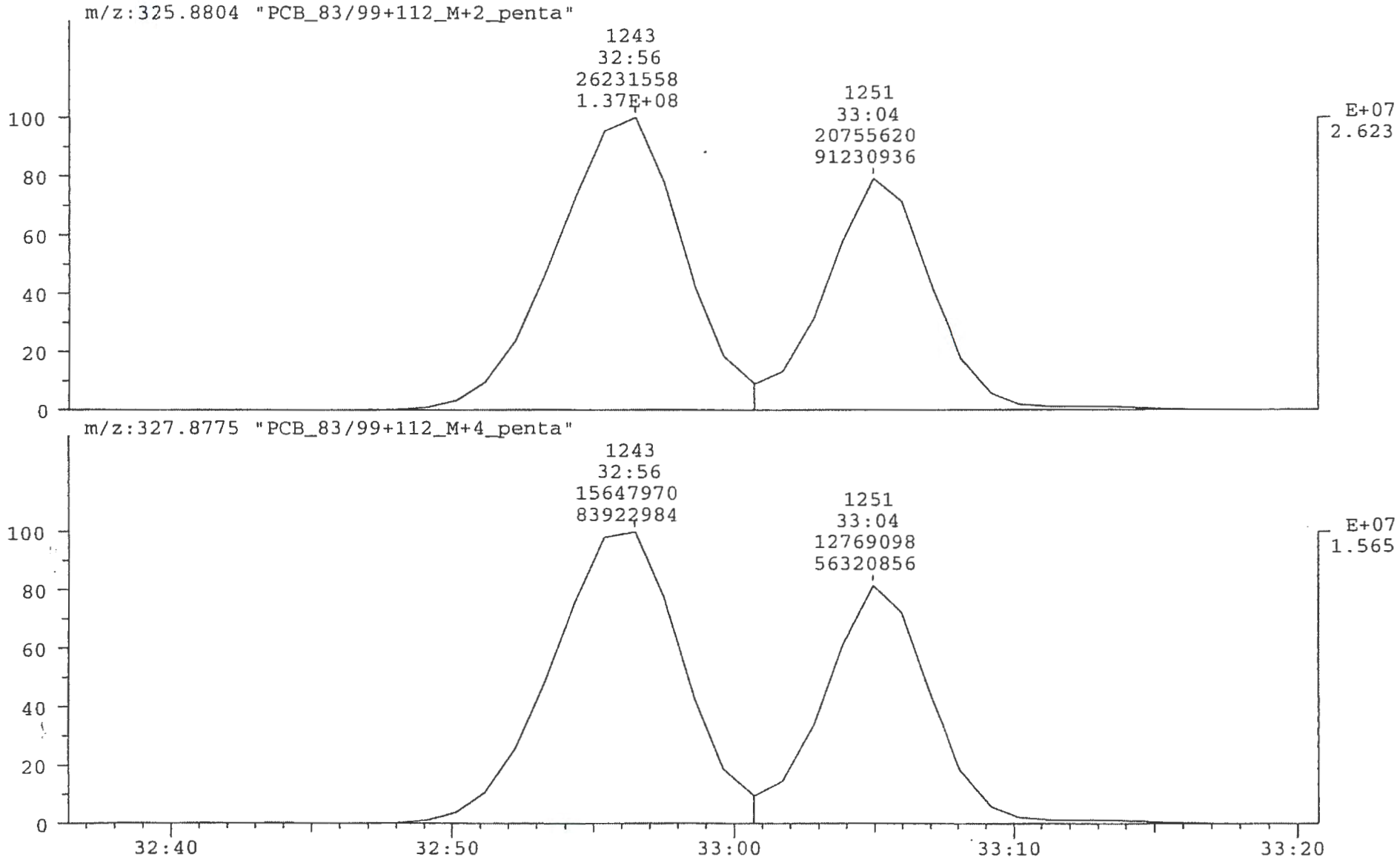
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  31:30      1162
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1125 > 1192           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



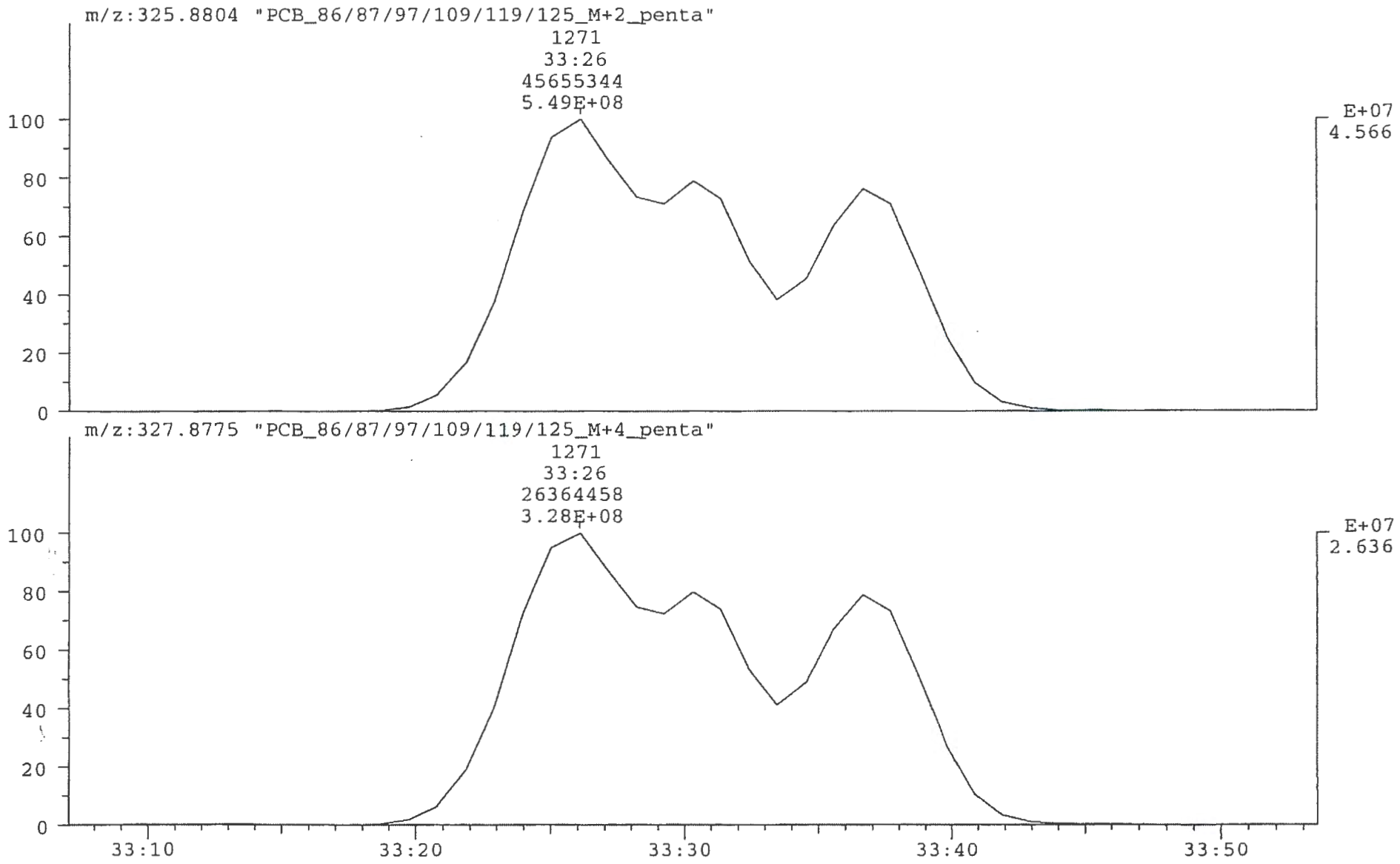
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  32:21      1210
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1187 > 1235          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



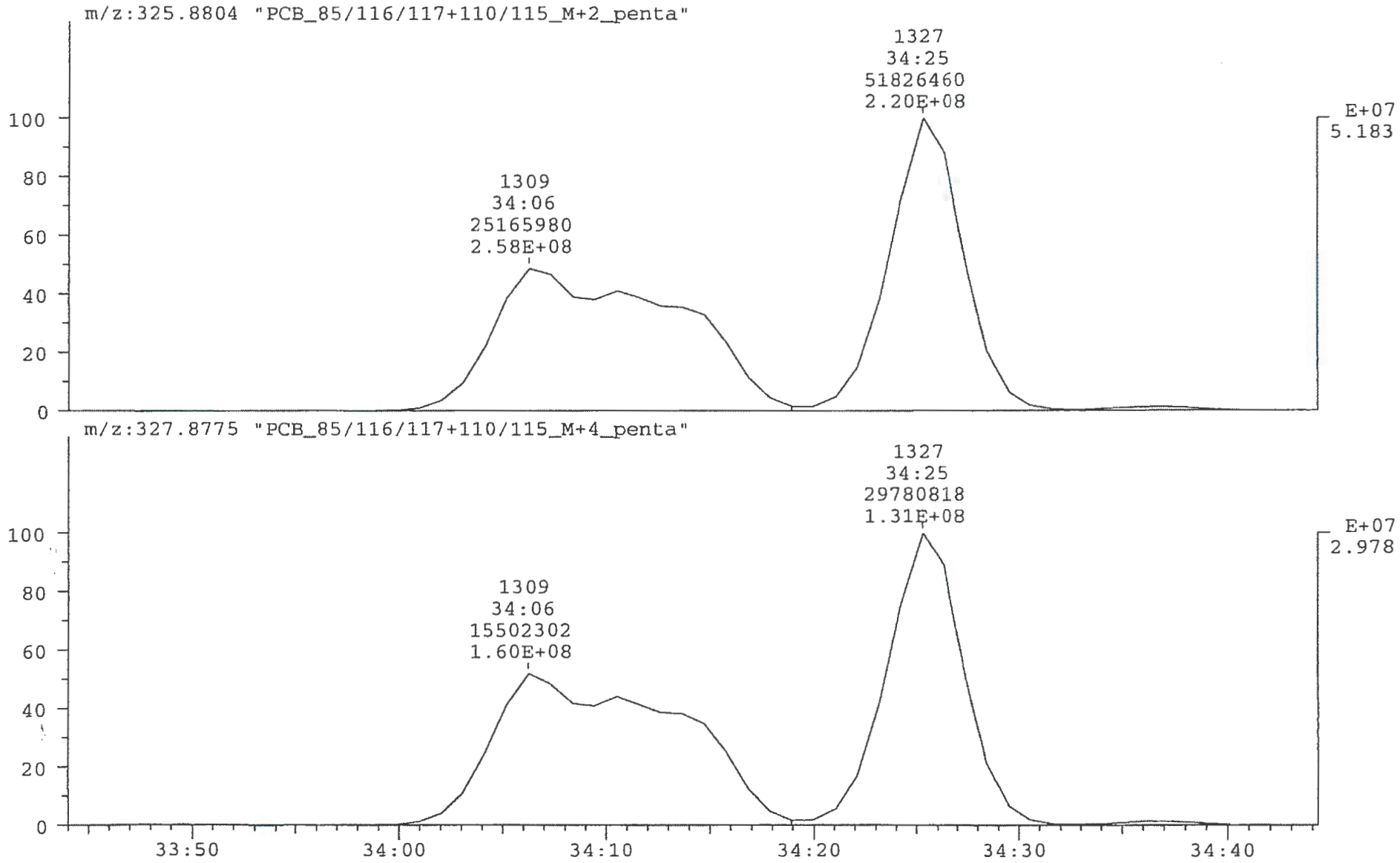
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  33:02       1249
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



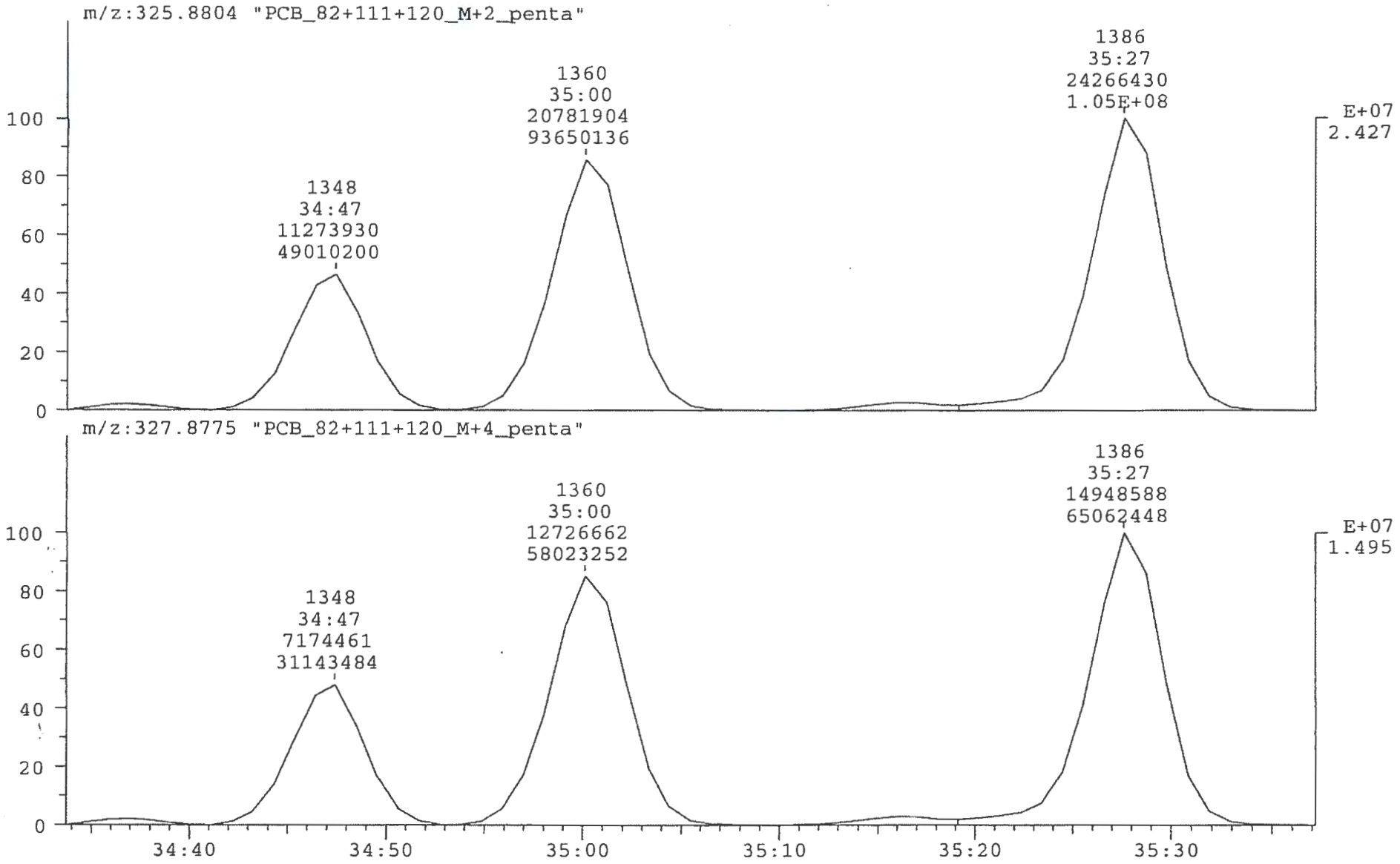
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  56:12      2556
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1253 > 1297          Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 9               Label :  -3, 3.0
Disp:  Height  Area
```



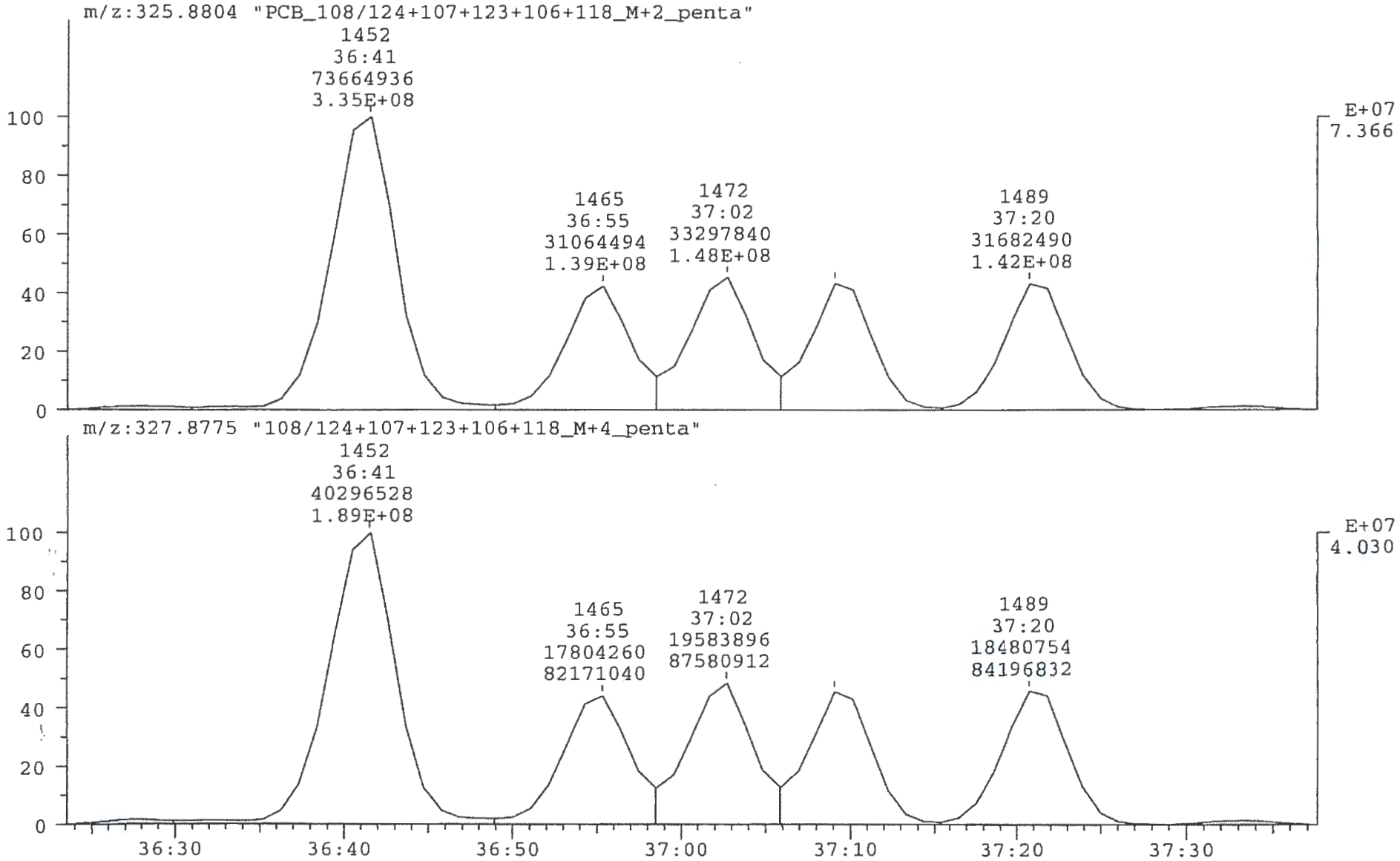
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  34:23      1325
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1288 > 1345           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 6                Label :  -3, 3.0
Disp:  Height  Area
```



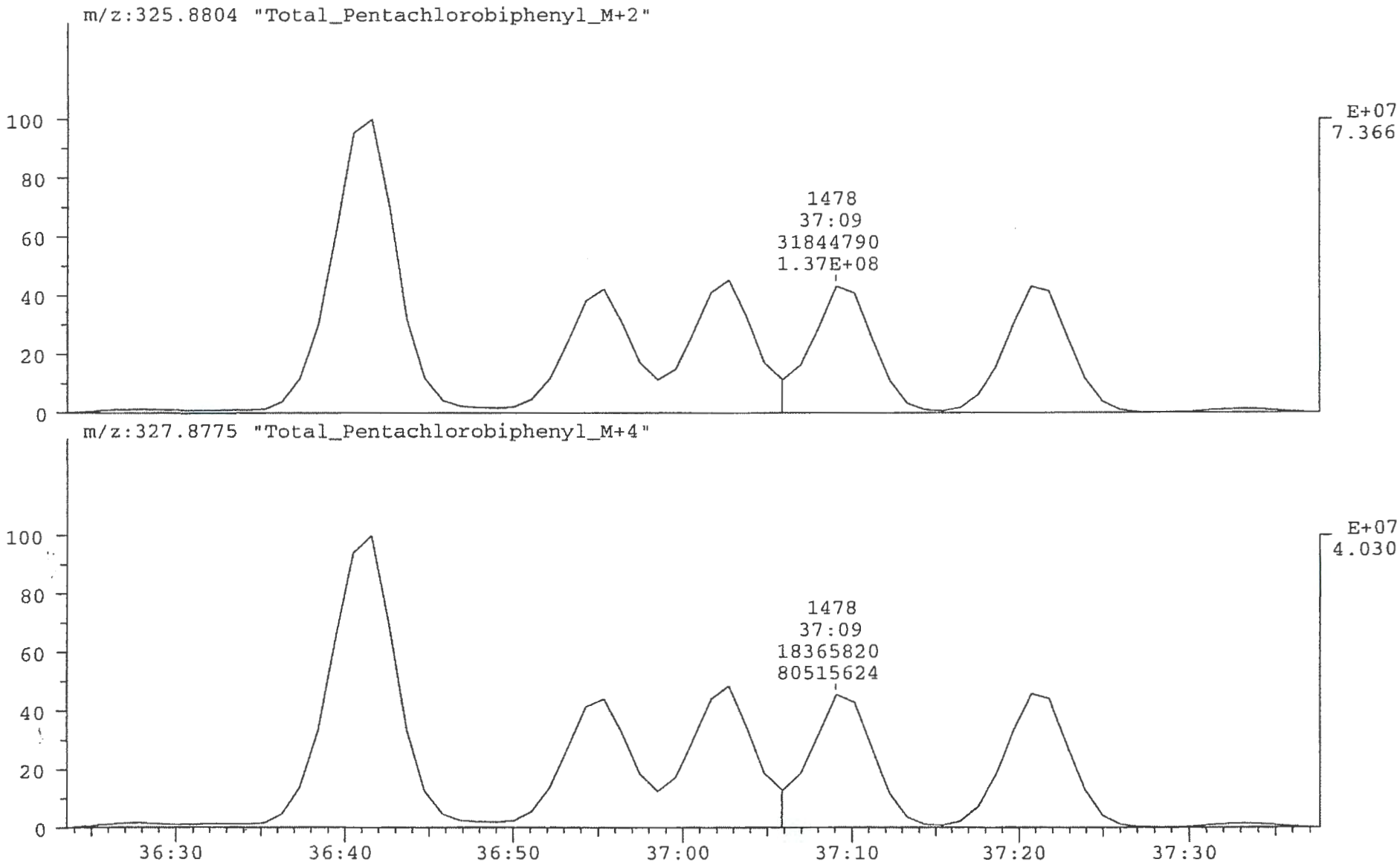
CHRO: a070313i5 14-Mar-07 Elapse: 34:54 1355
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1335 > 1395 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



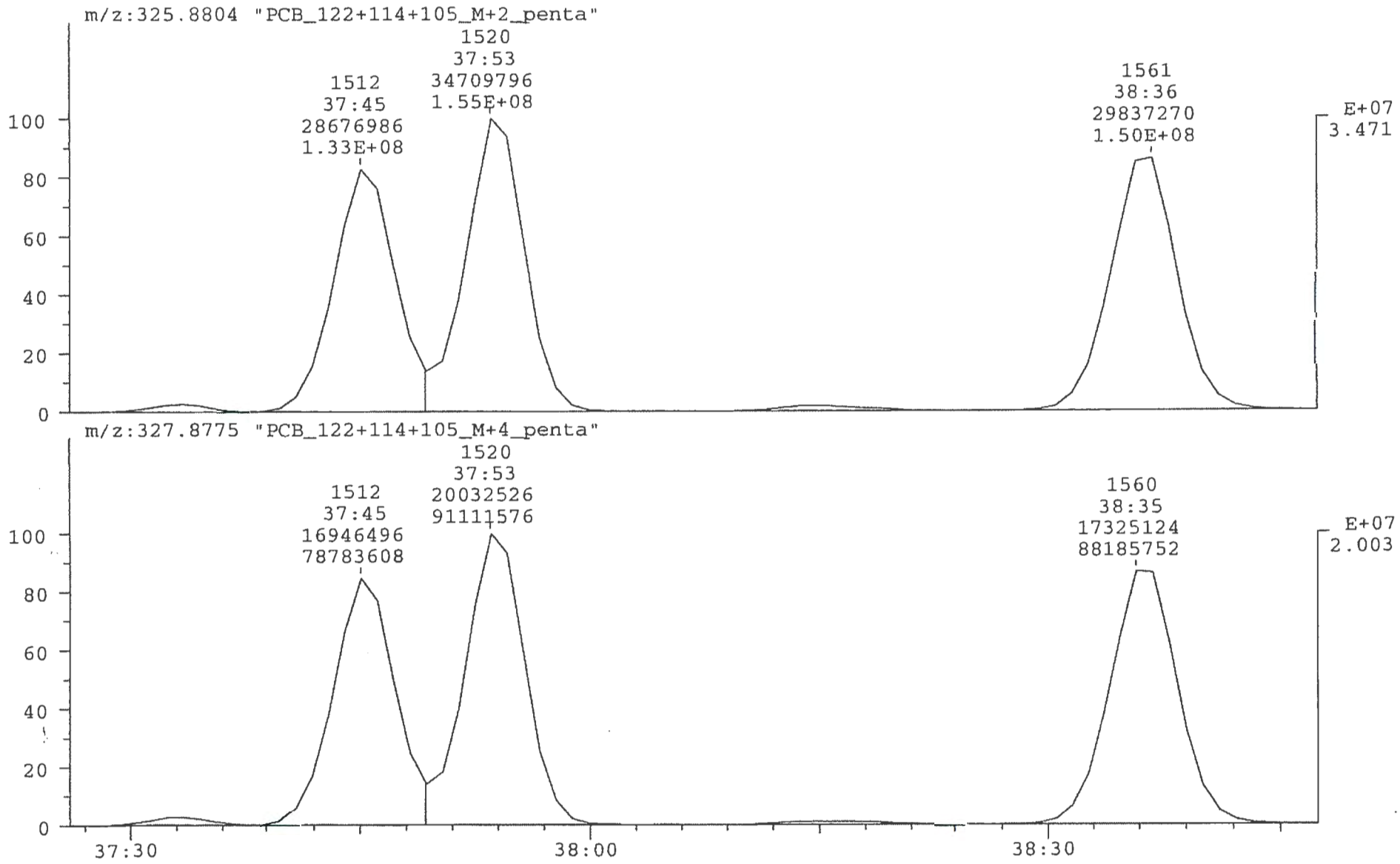
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  37:11      1480
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1435 > 1505           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



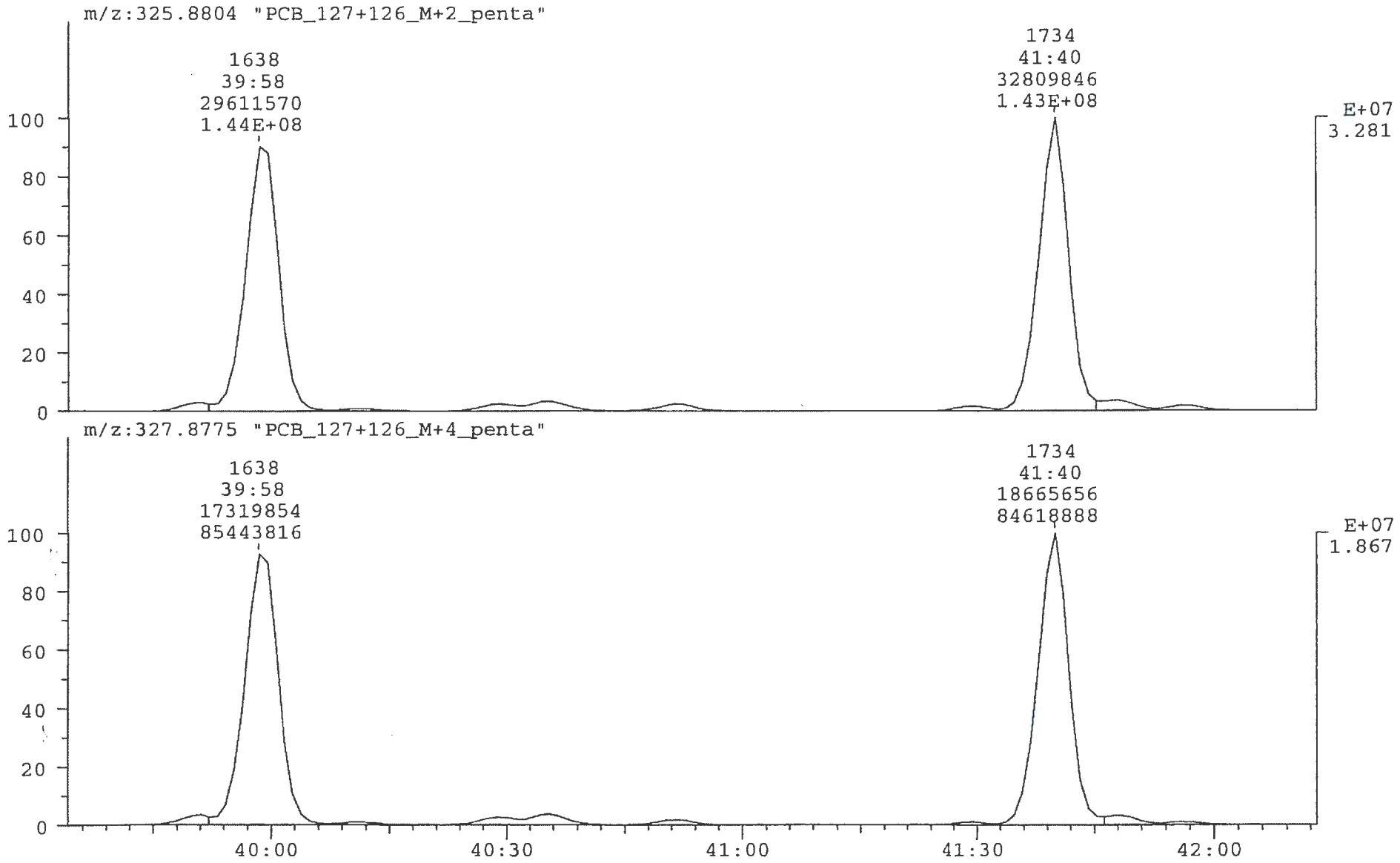
CHRO: a070313i5 14-Mar-07 Elapse: 37:09 1478
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1475 > 1481 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



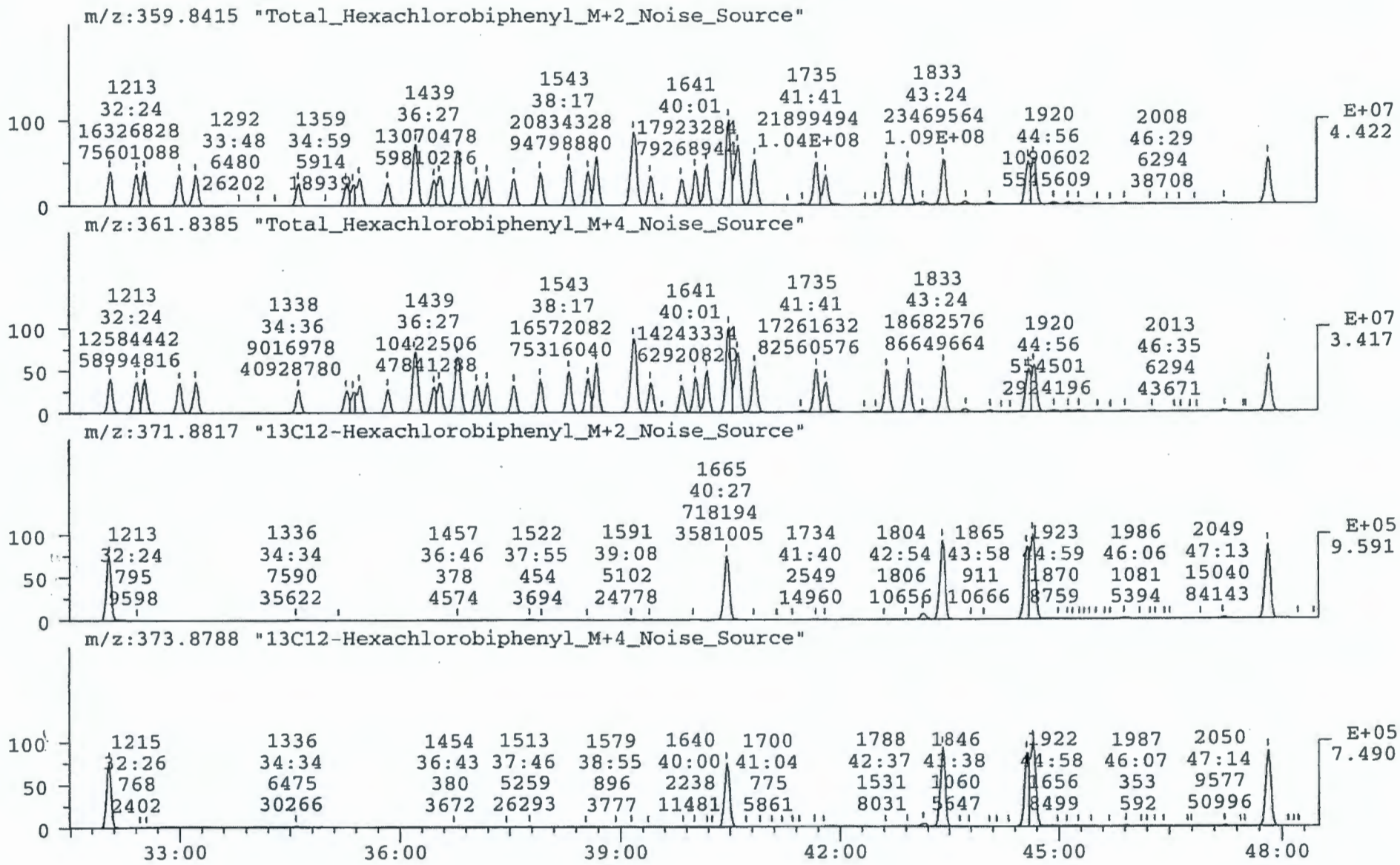
CHRO: a070313i5 14-Mar-07 Elapse: 38:13 1539
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1494 > 1571 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



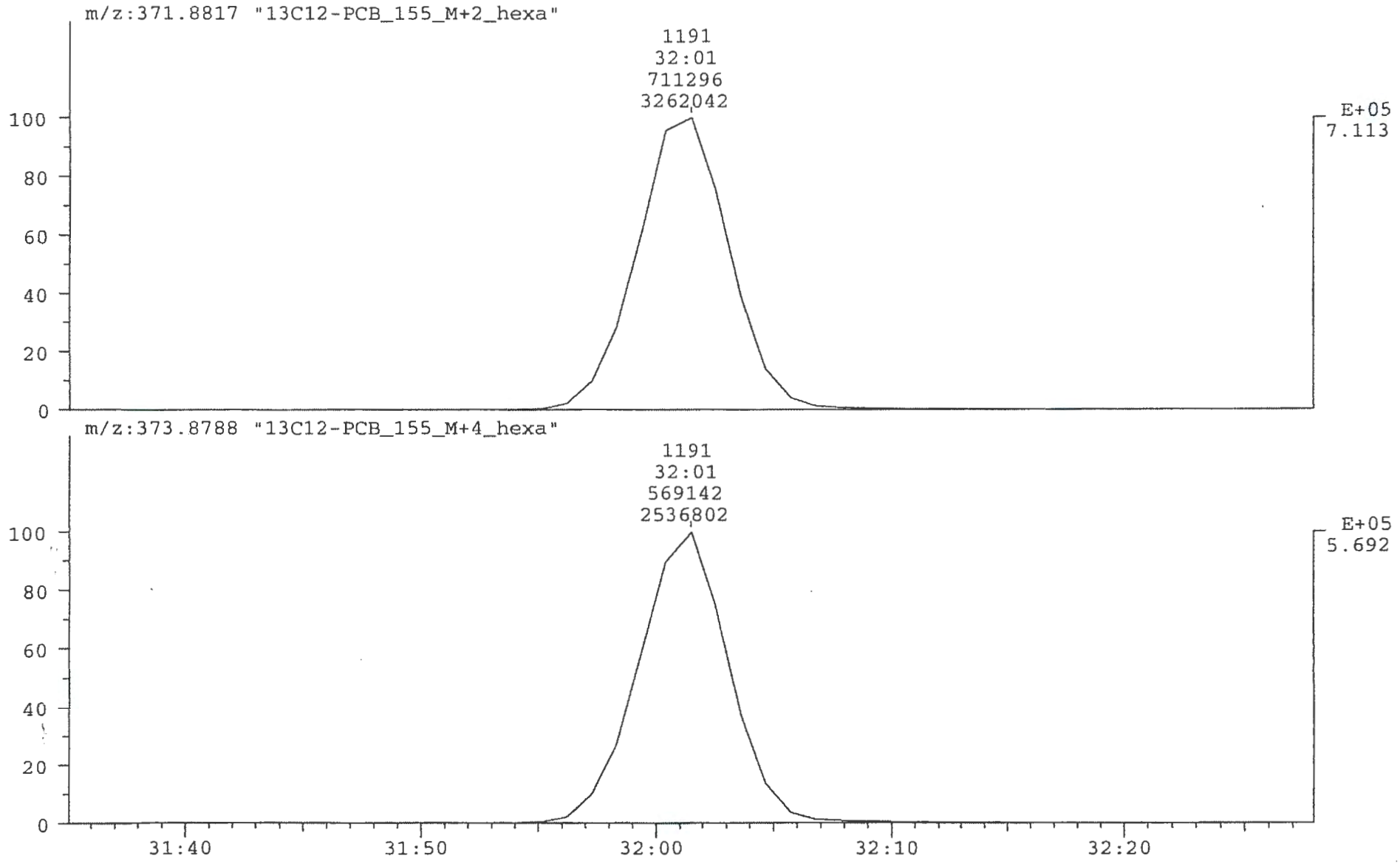
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  40:53      1690
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1615 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



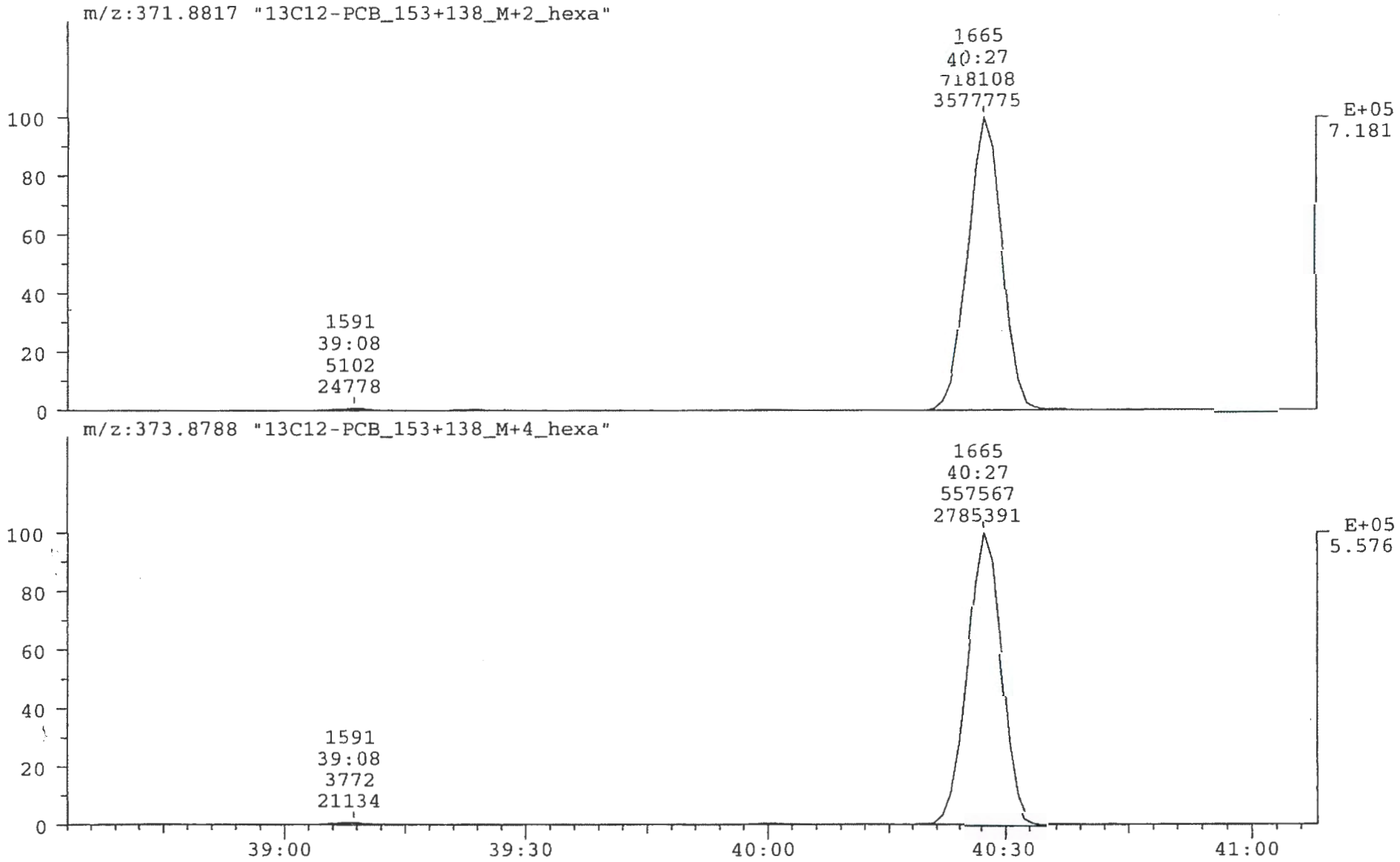
CHRO: a070313i5 14-Mar-07 Elapse: 39:59 1639
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1160 > 2122 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



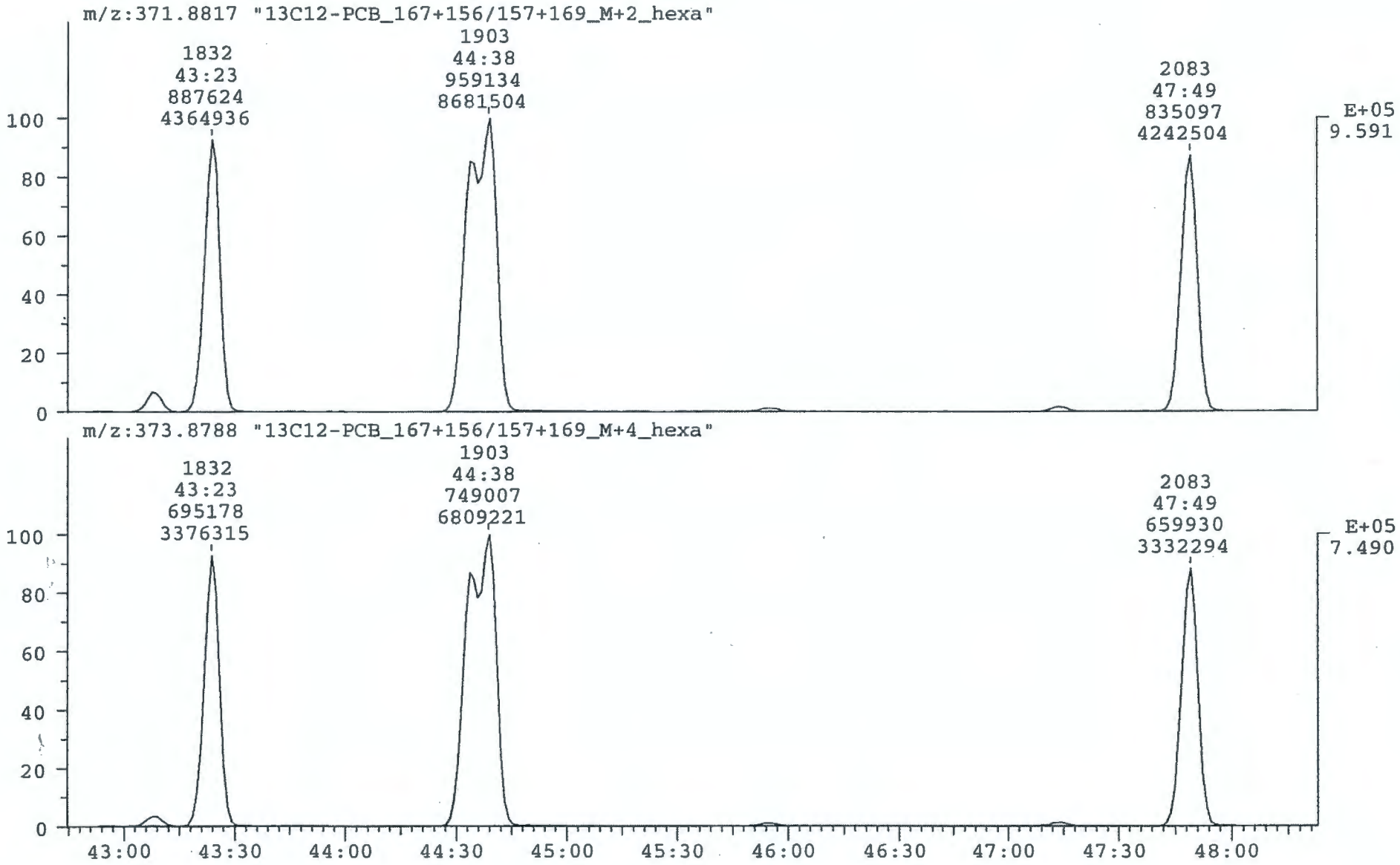
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  32:01      1191
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



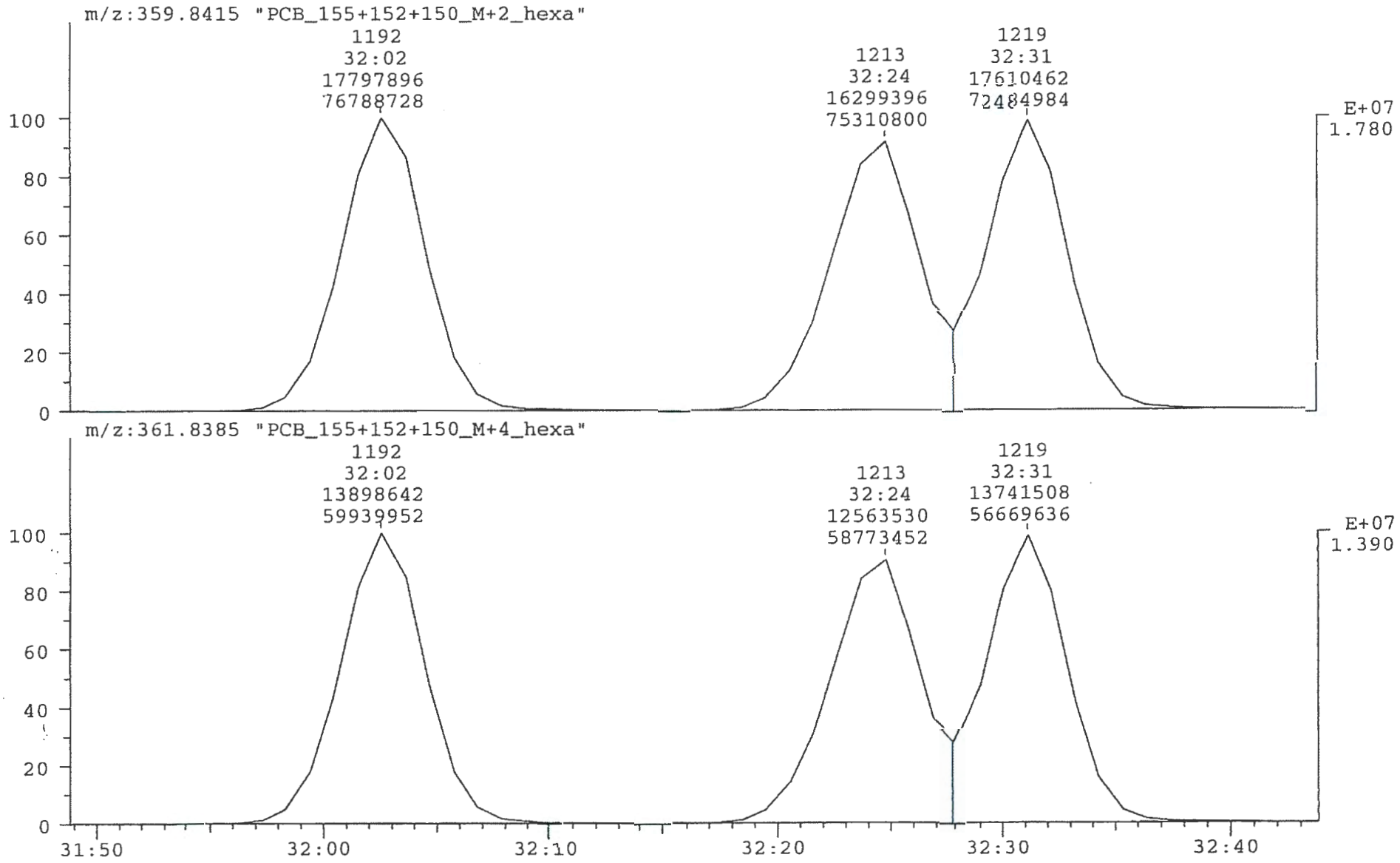
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  39:49      1630
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



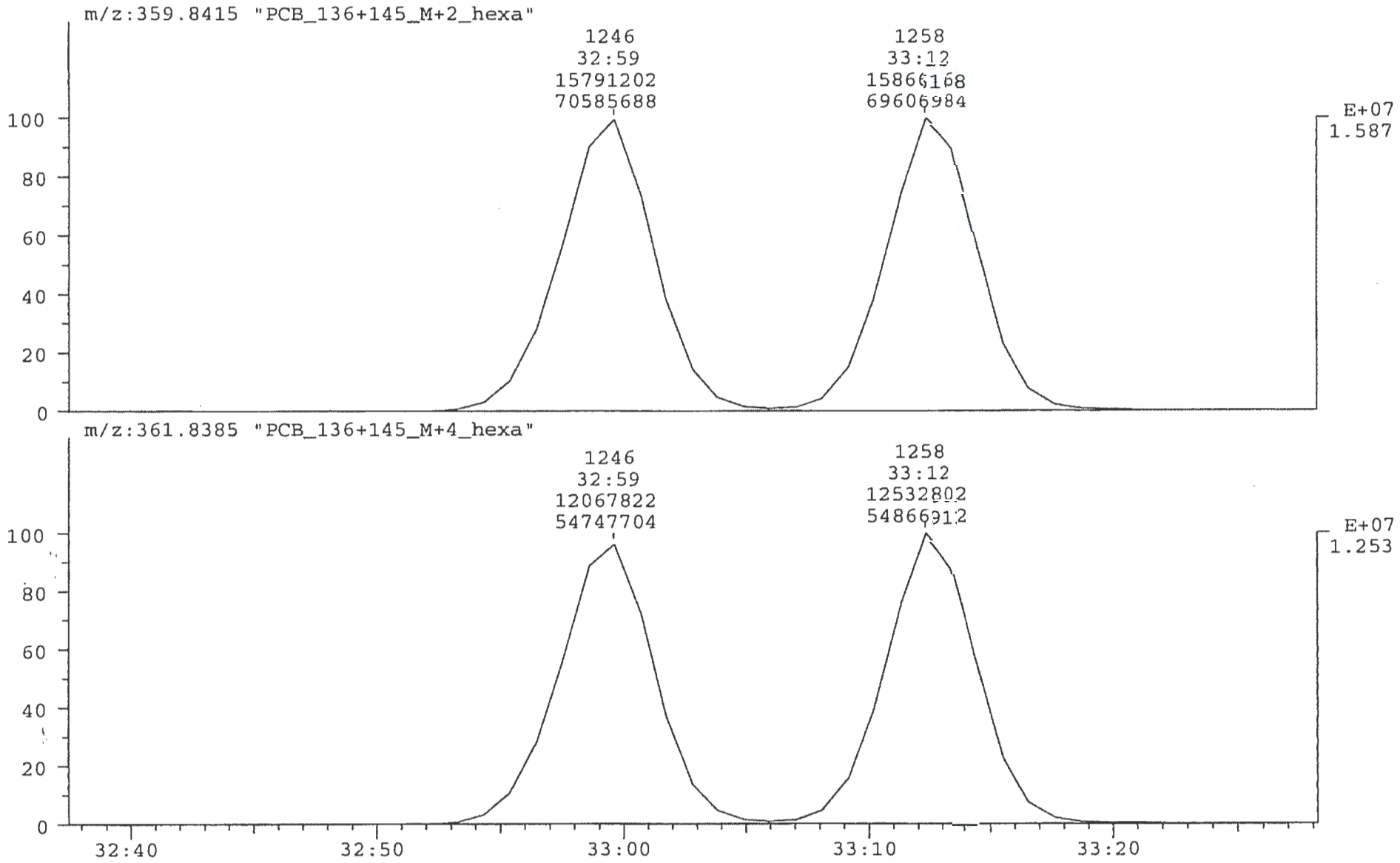
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  48:01      2095
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
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
```



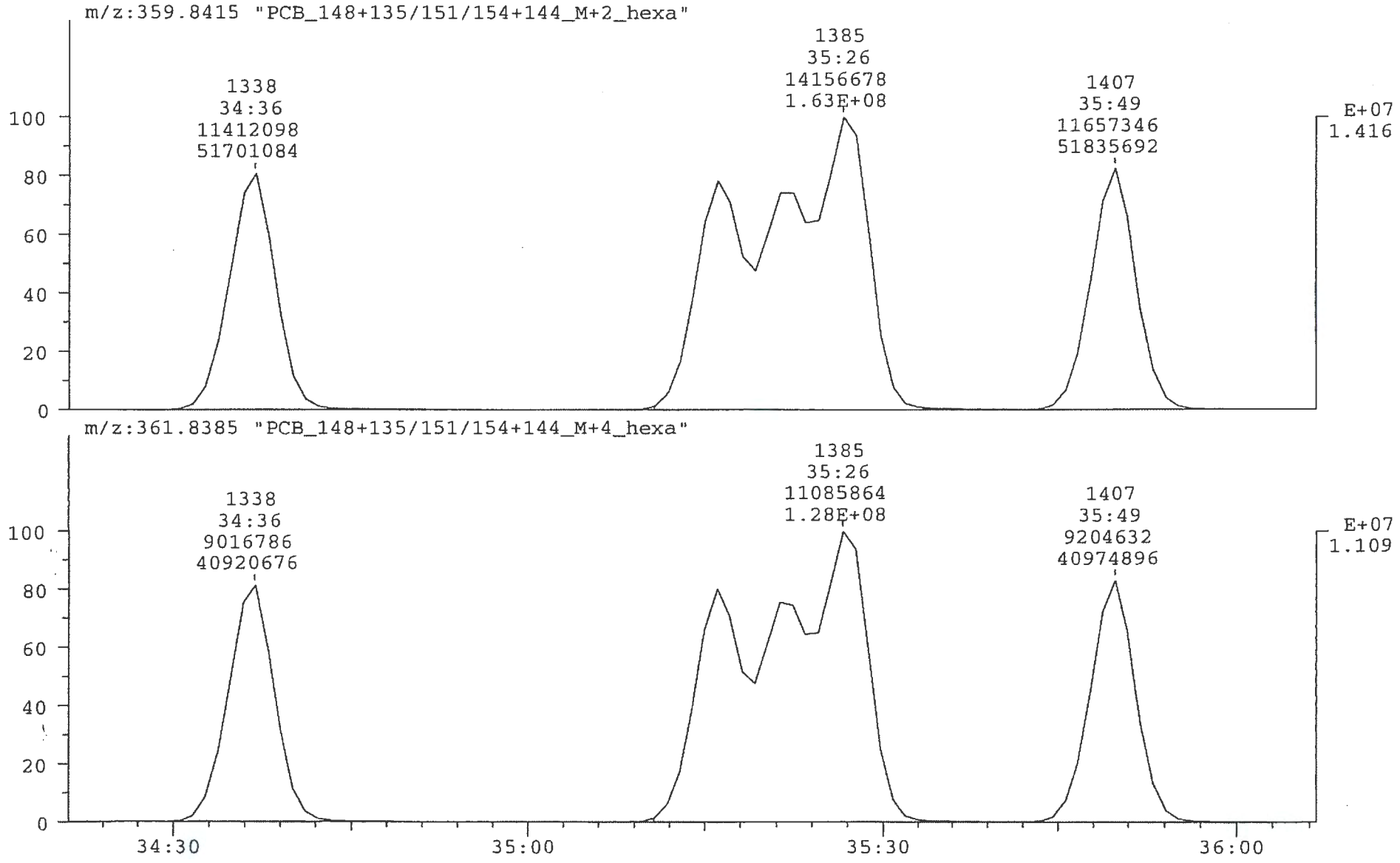
CHRO: a070313i5 14-Mar-07 Elapse: 32:20 1209
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1179 > 1231 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



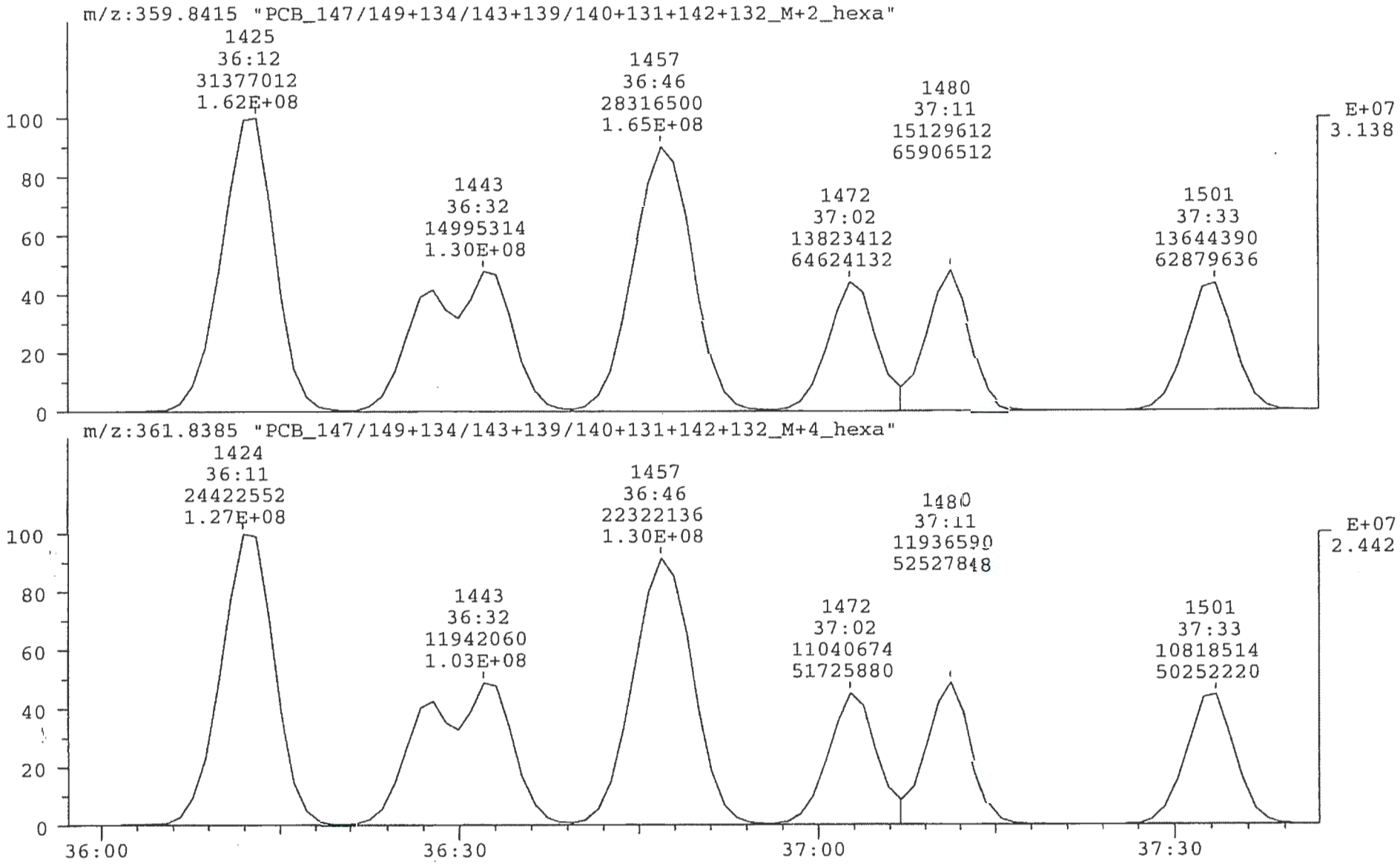
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  33:09      1255
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1225 > 1273          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



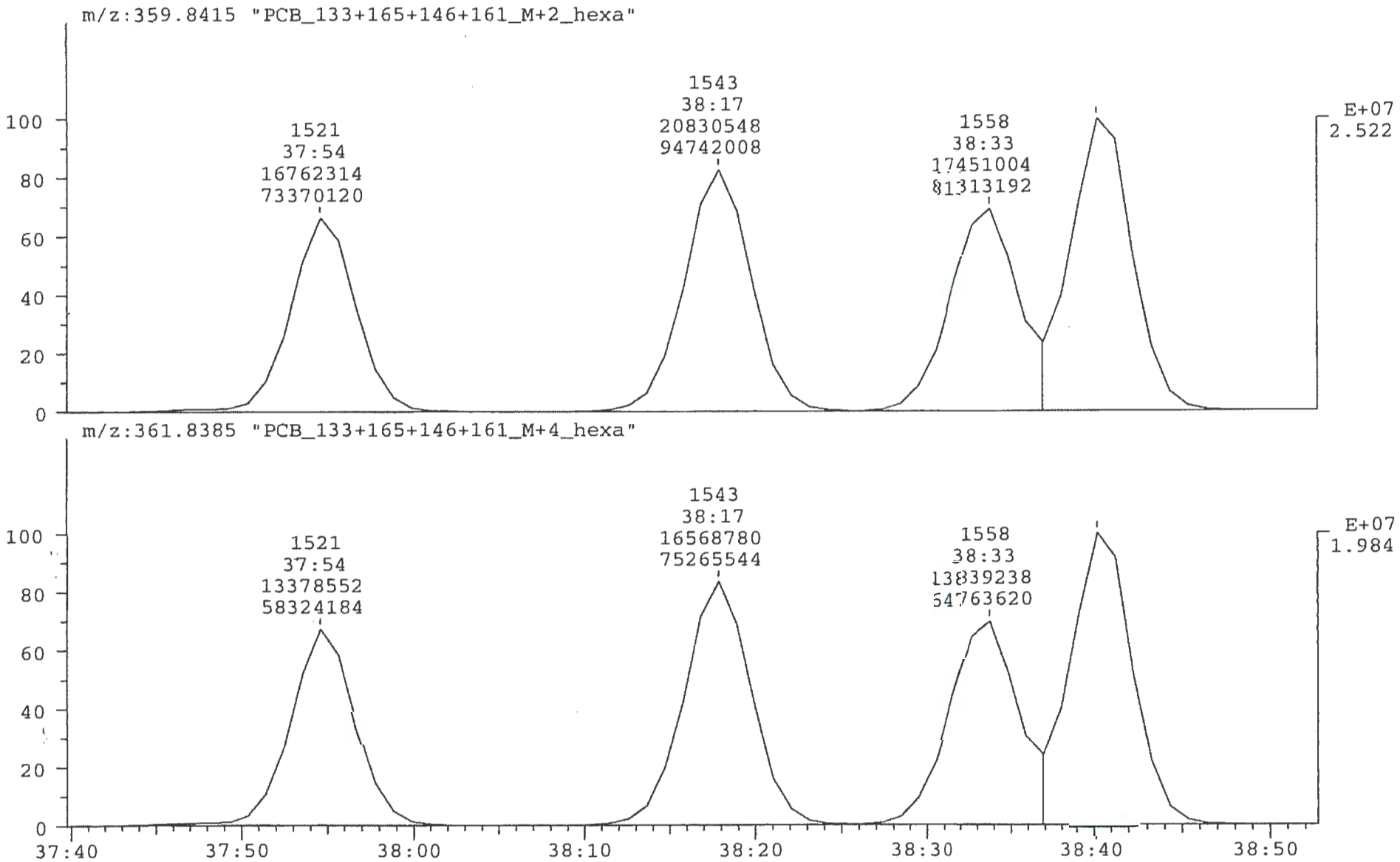
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  35:22      1381
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1323 > 1419           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



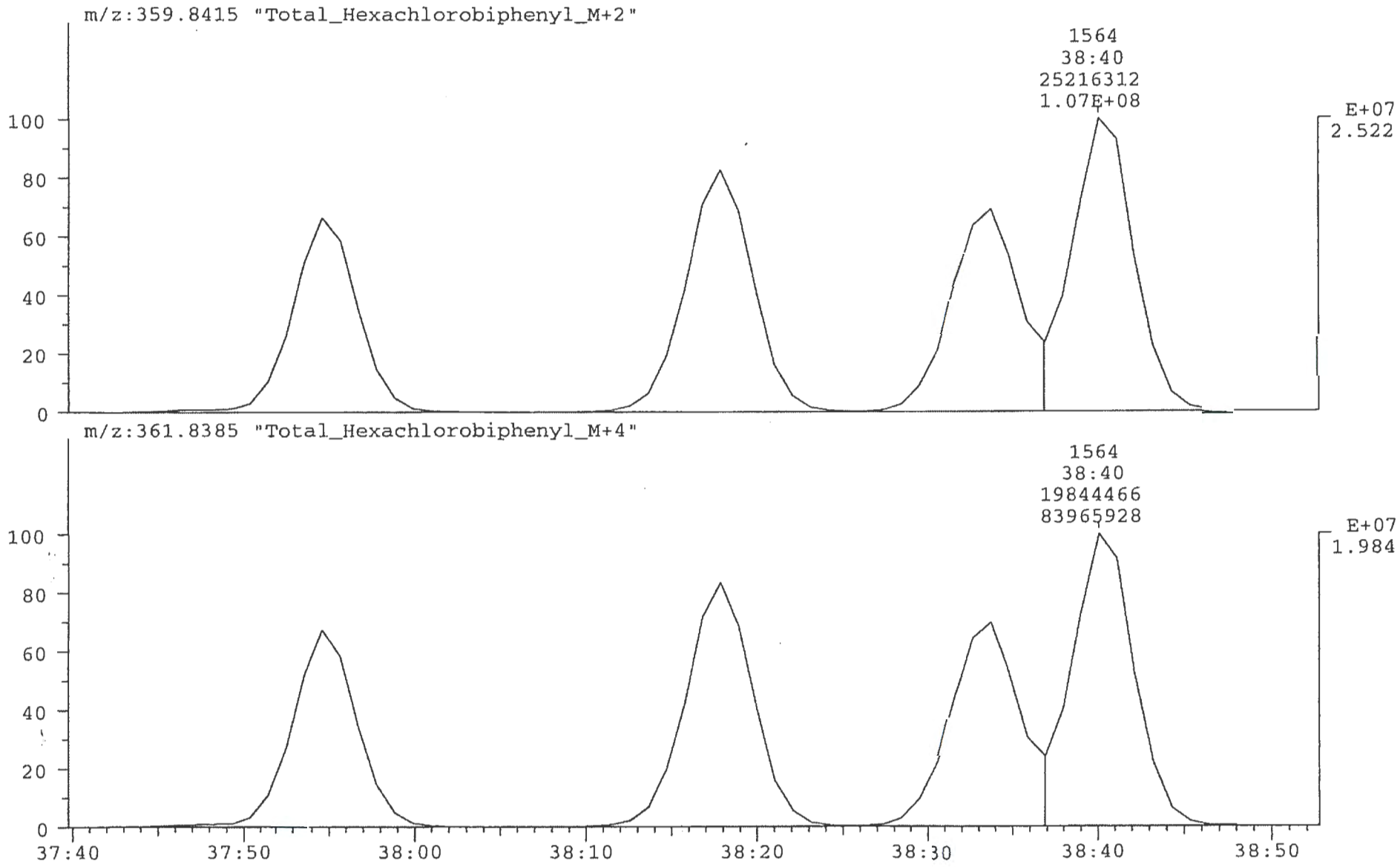
CHRO: a070313i5 14-Mar-07 Elapse: 36:45 1456
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1414 > 1509 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



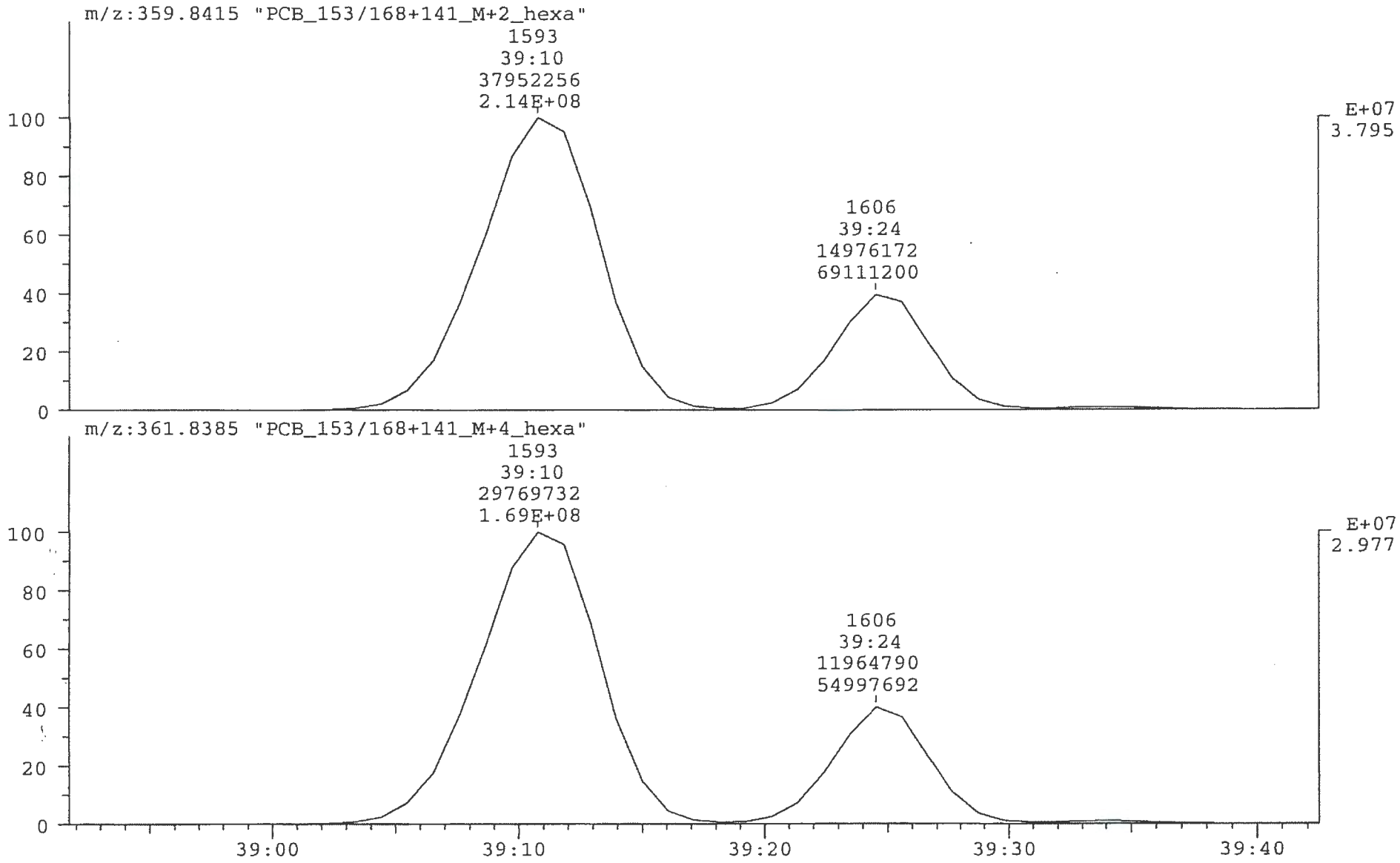
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  38:22       1547
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08    2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1507 > 1576           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



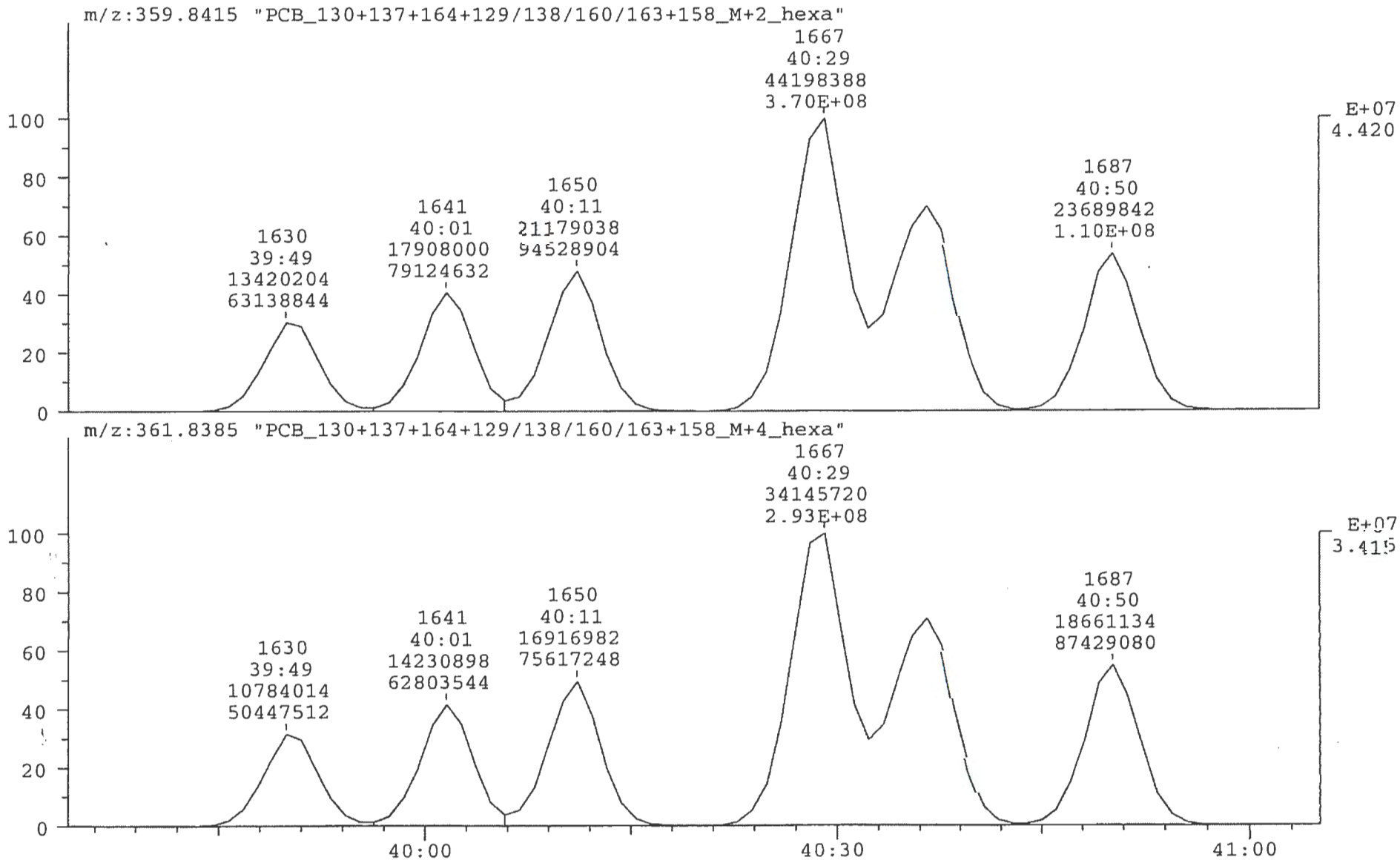
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  38:40      1564
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1561 > 1567           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



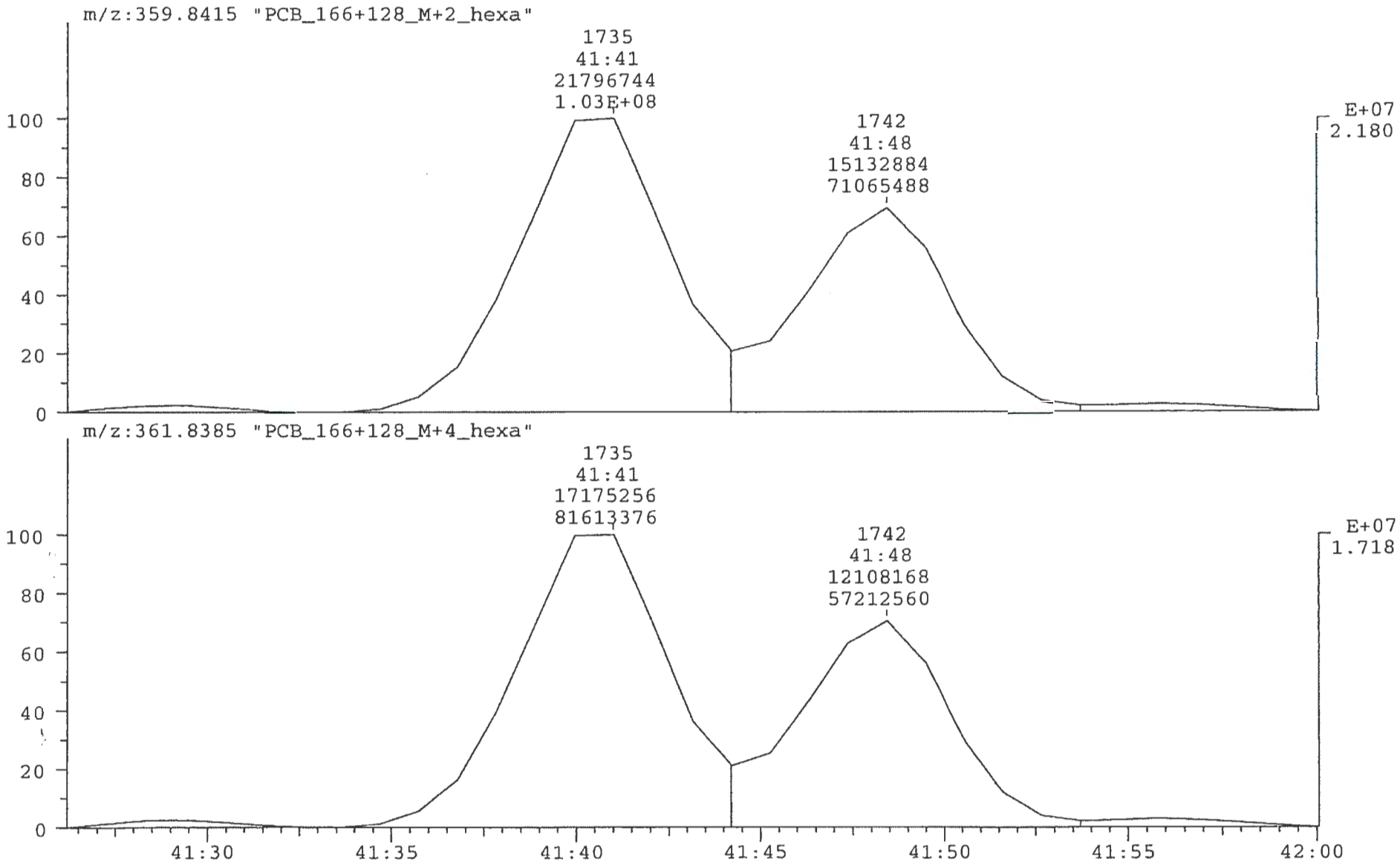
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  39:21      1603
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1575 > 1623           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



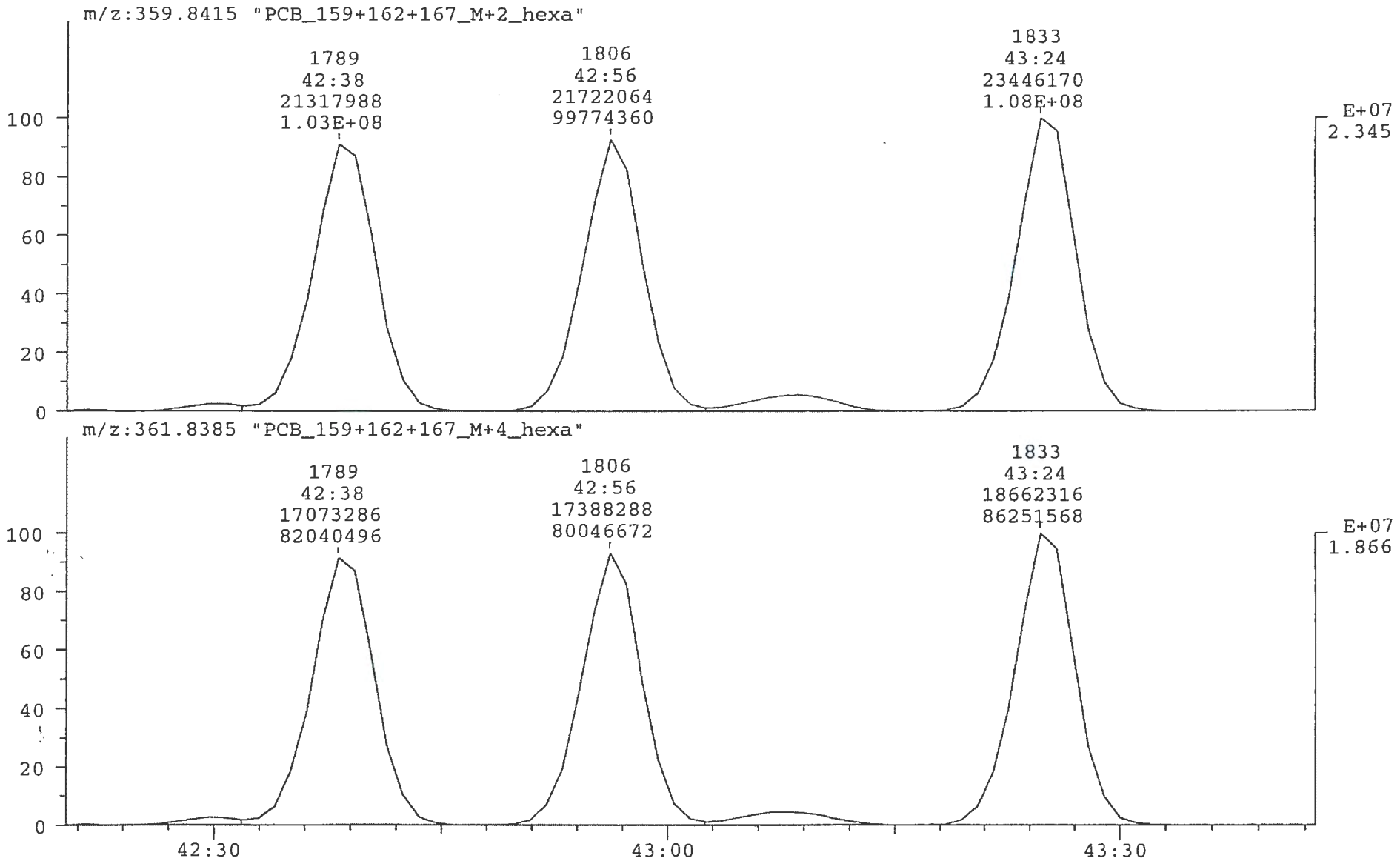
CHRO: a070313i5 14-Mar-07 Elapse: 40:22 1661
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1615 > 1701 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 7 Label : -3, 3.0
Disp: Height Area



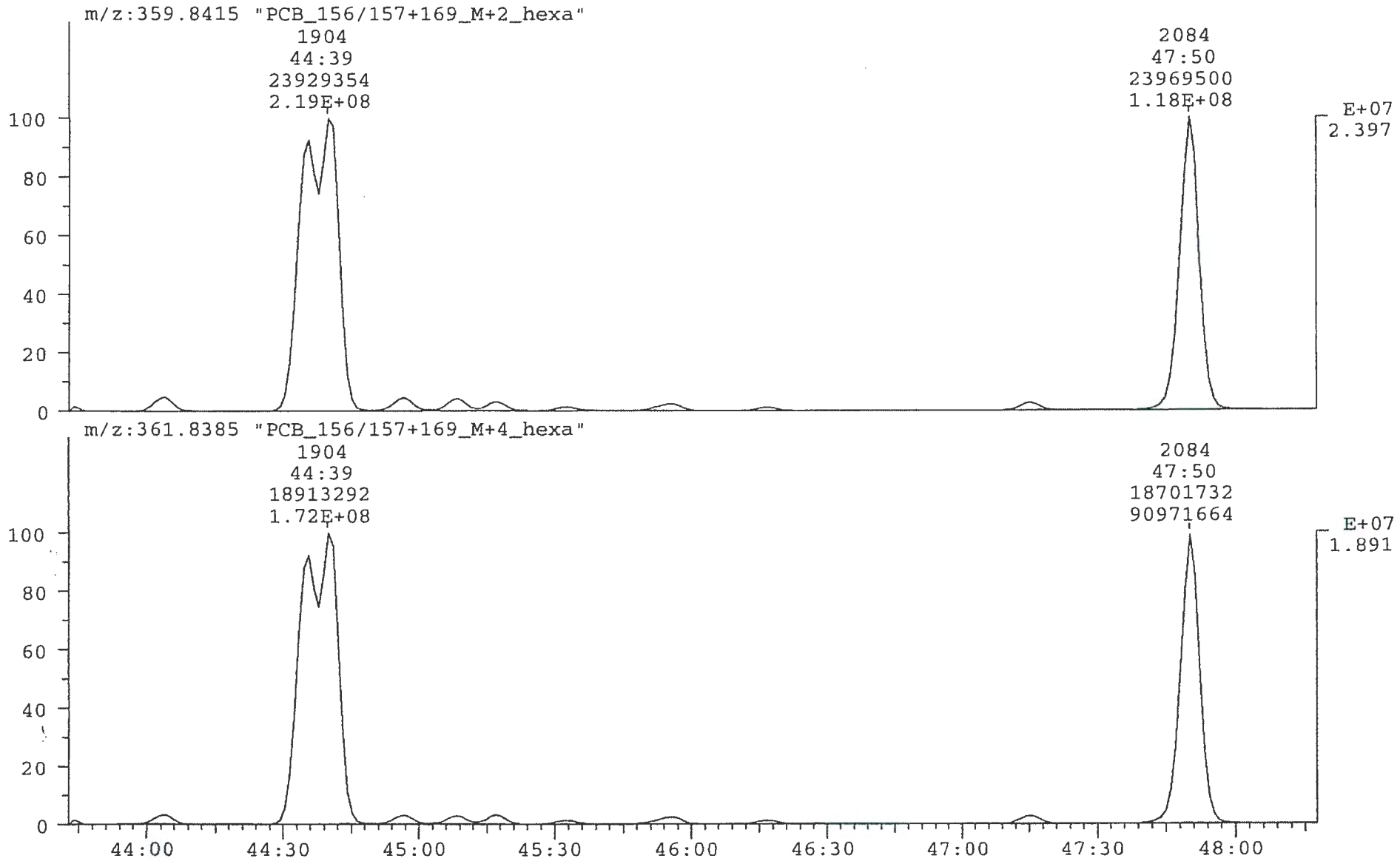
CHRO: a070313i5 14-Mar-07 Elapse: 41:47 1741
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1721 > 1753 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



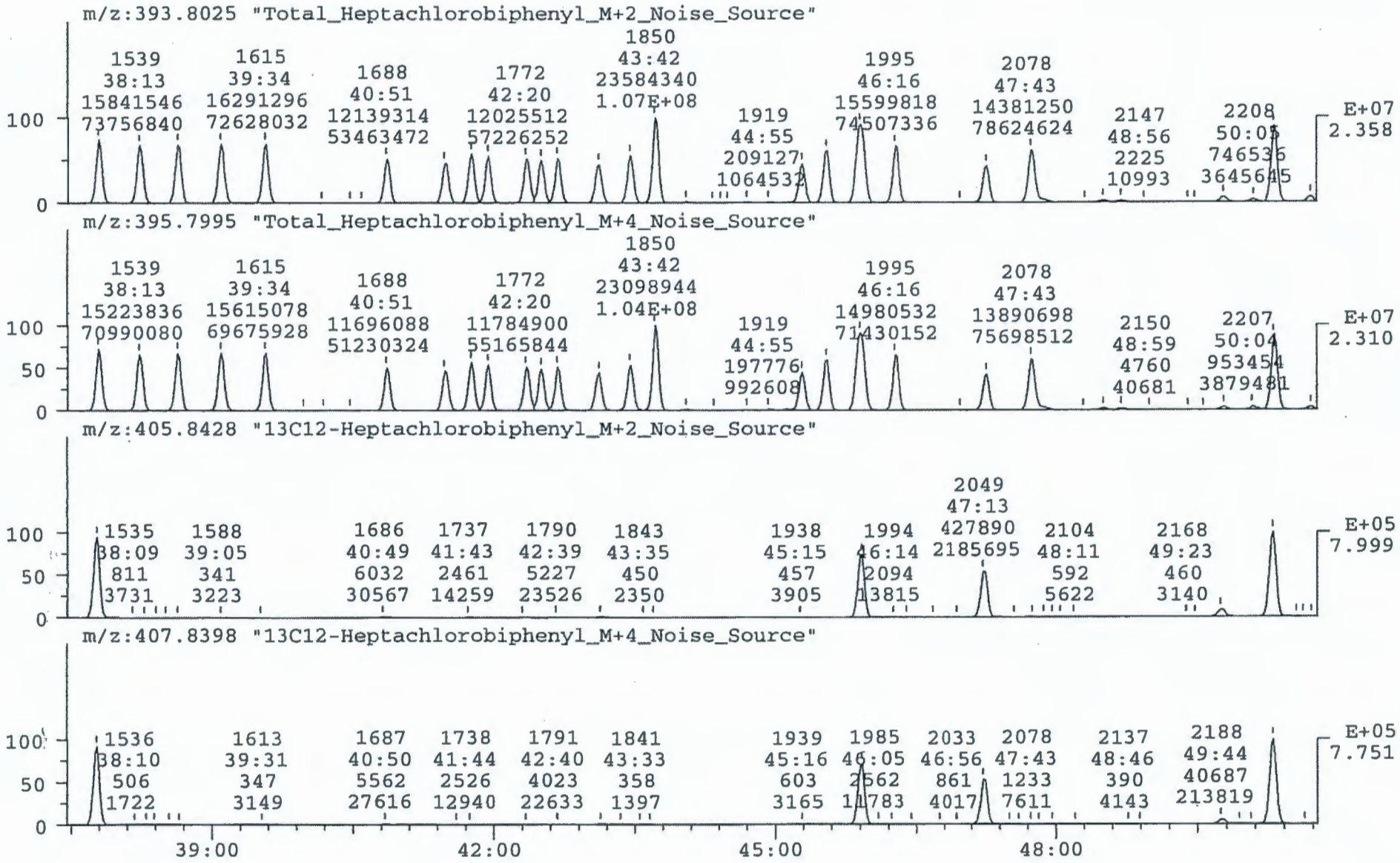
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  43:05      1815
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1772 > 1850           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



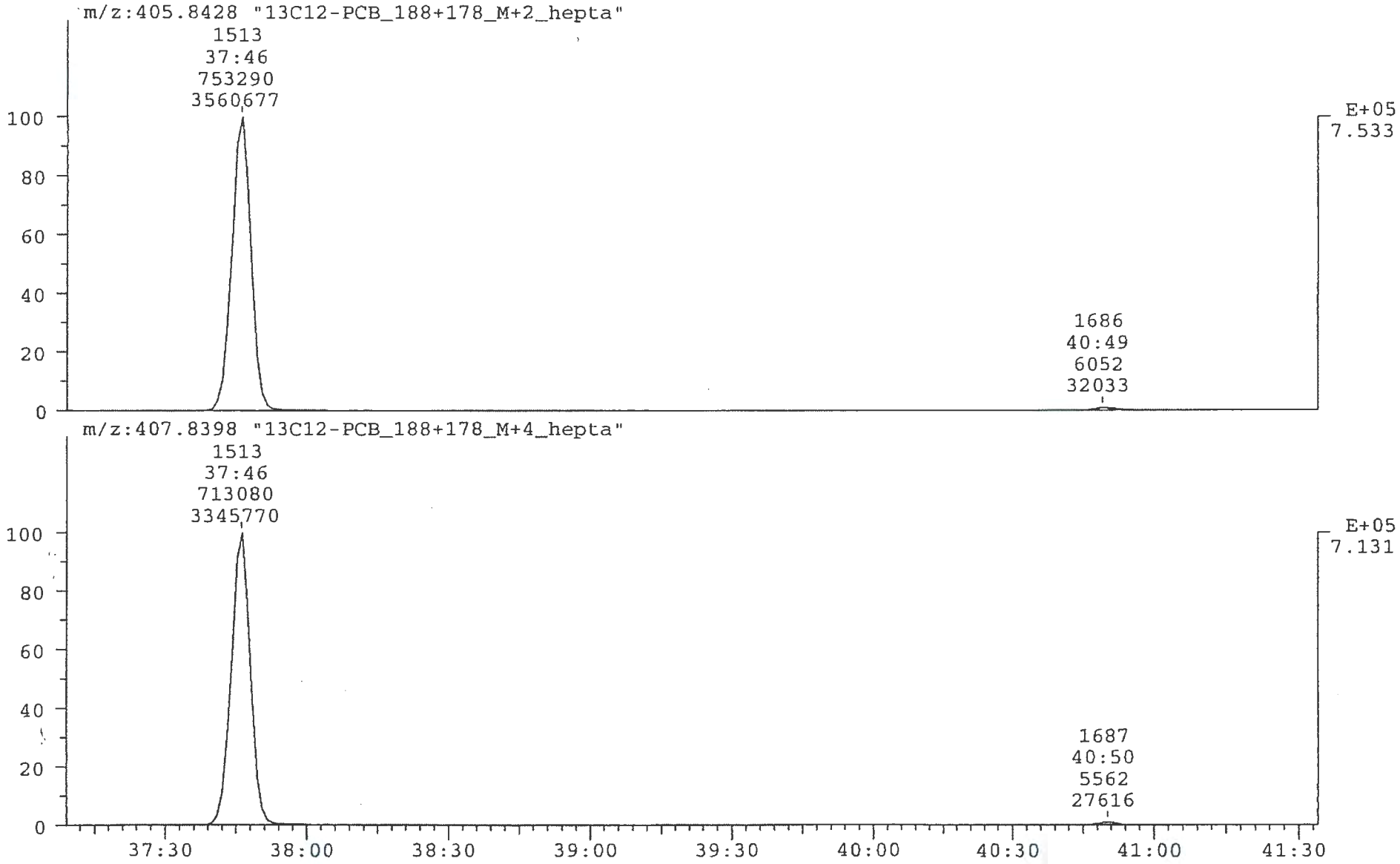
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  46:16      1995
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1850 > 2110           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



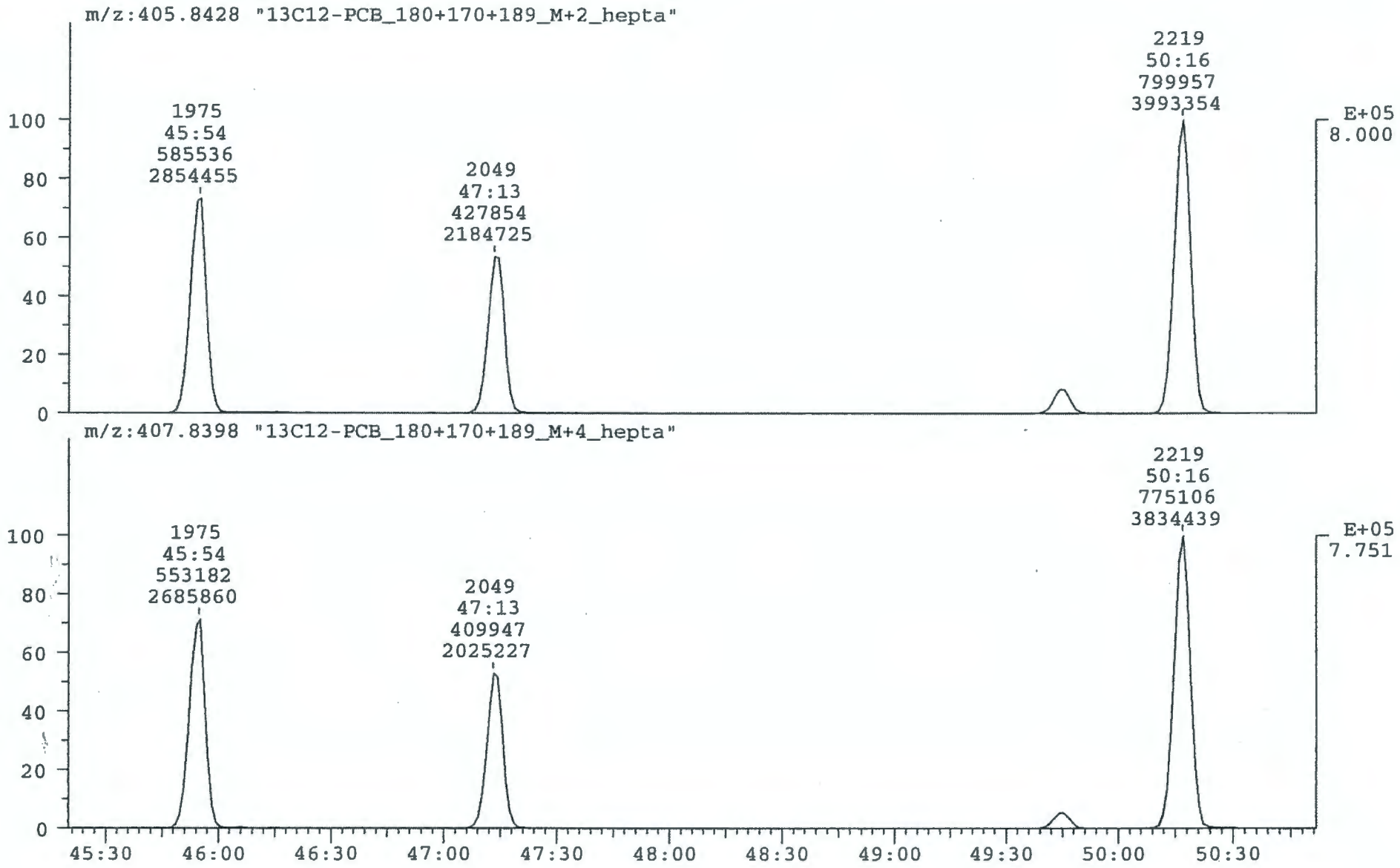
CHRO: a070313i5 14-Mar-07 Elapse: 44:05 1872
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1495 > 2246 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



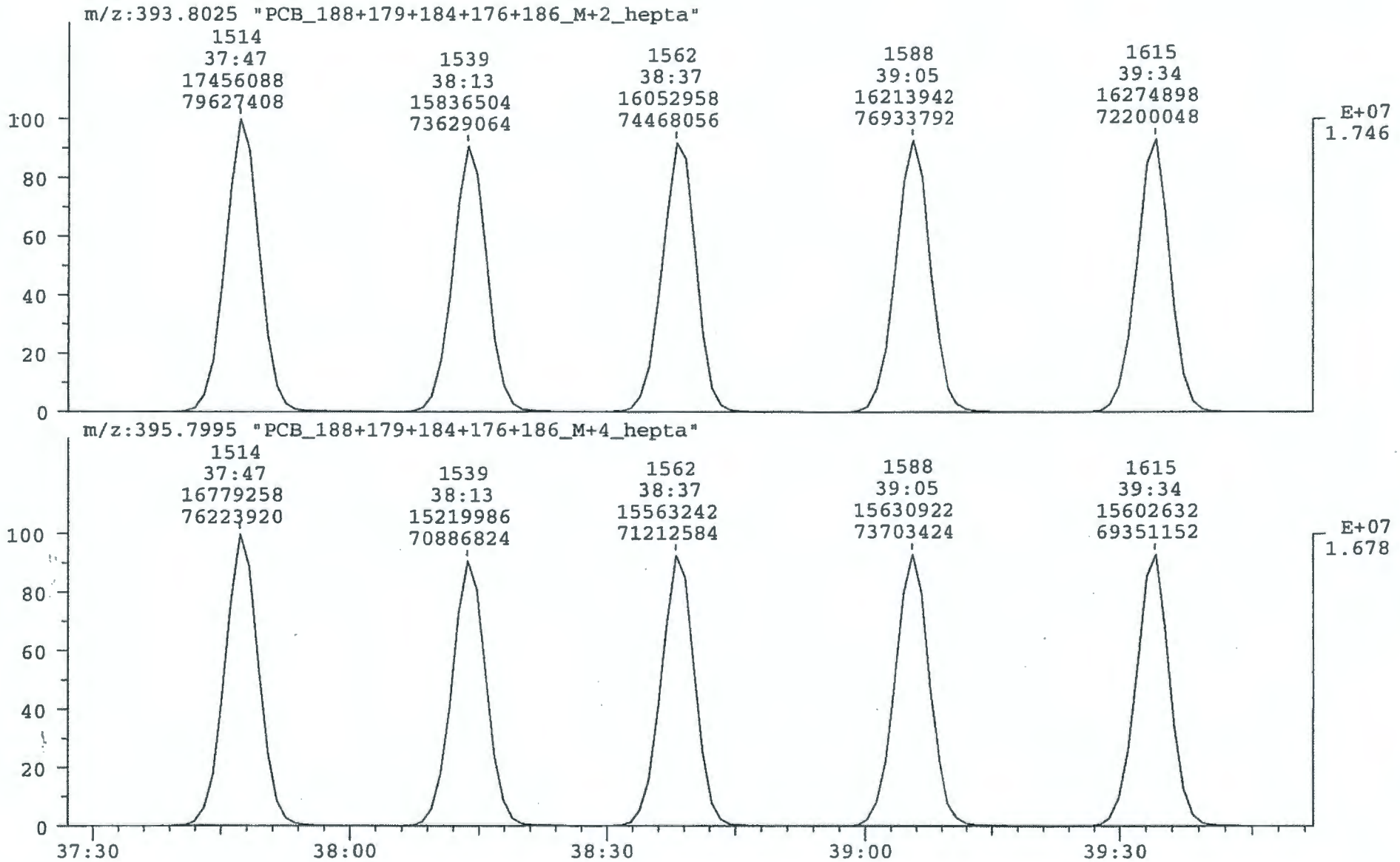
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  39:21      1603
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1478 > 1728           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



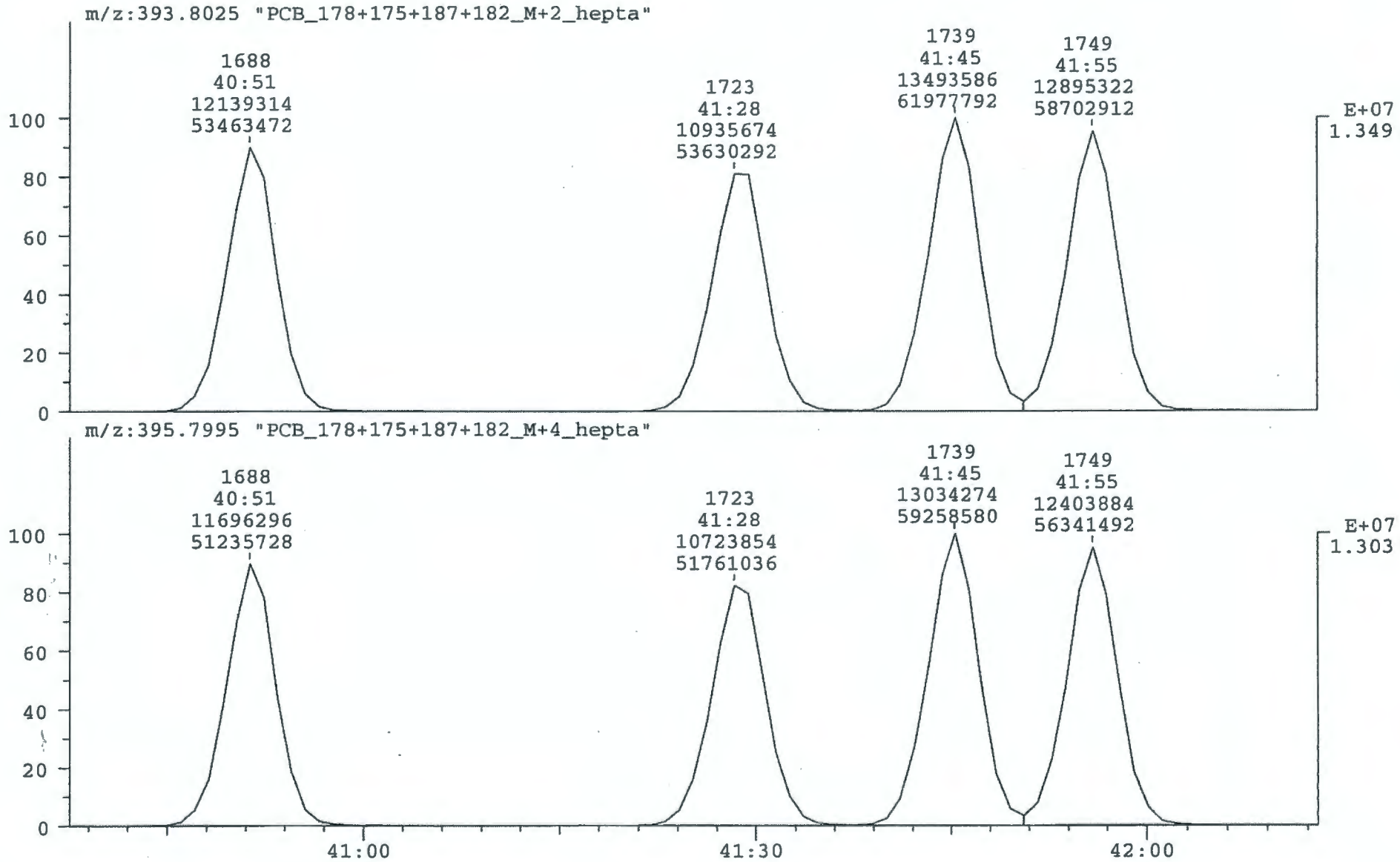
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  48:09      2102
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
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
```



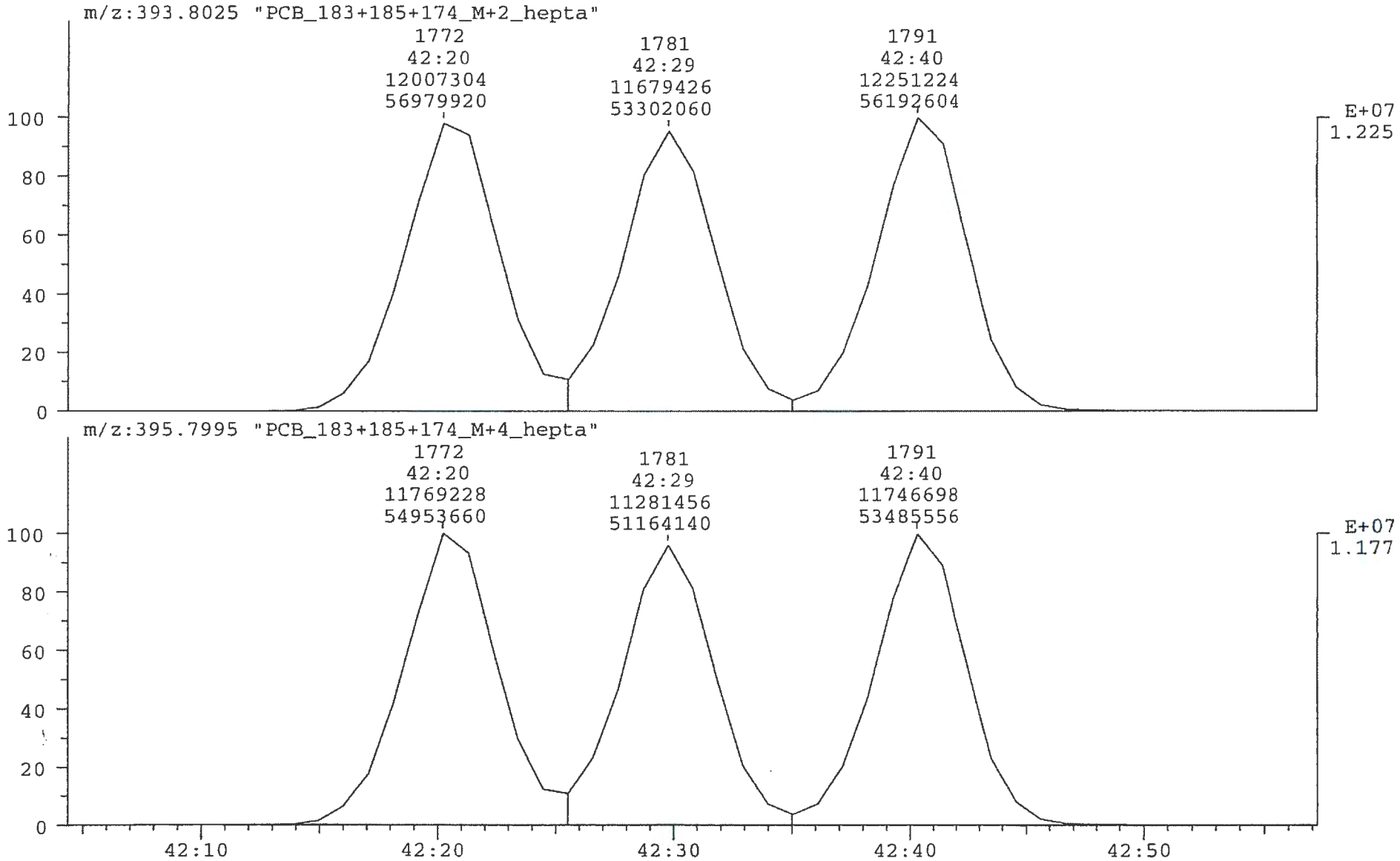
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  38:43      1567
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1495 > 1632           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



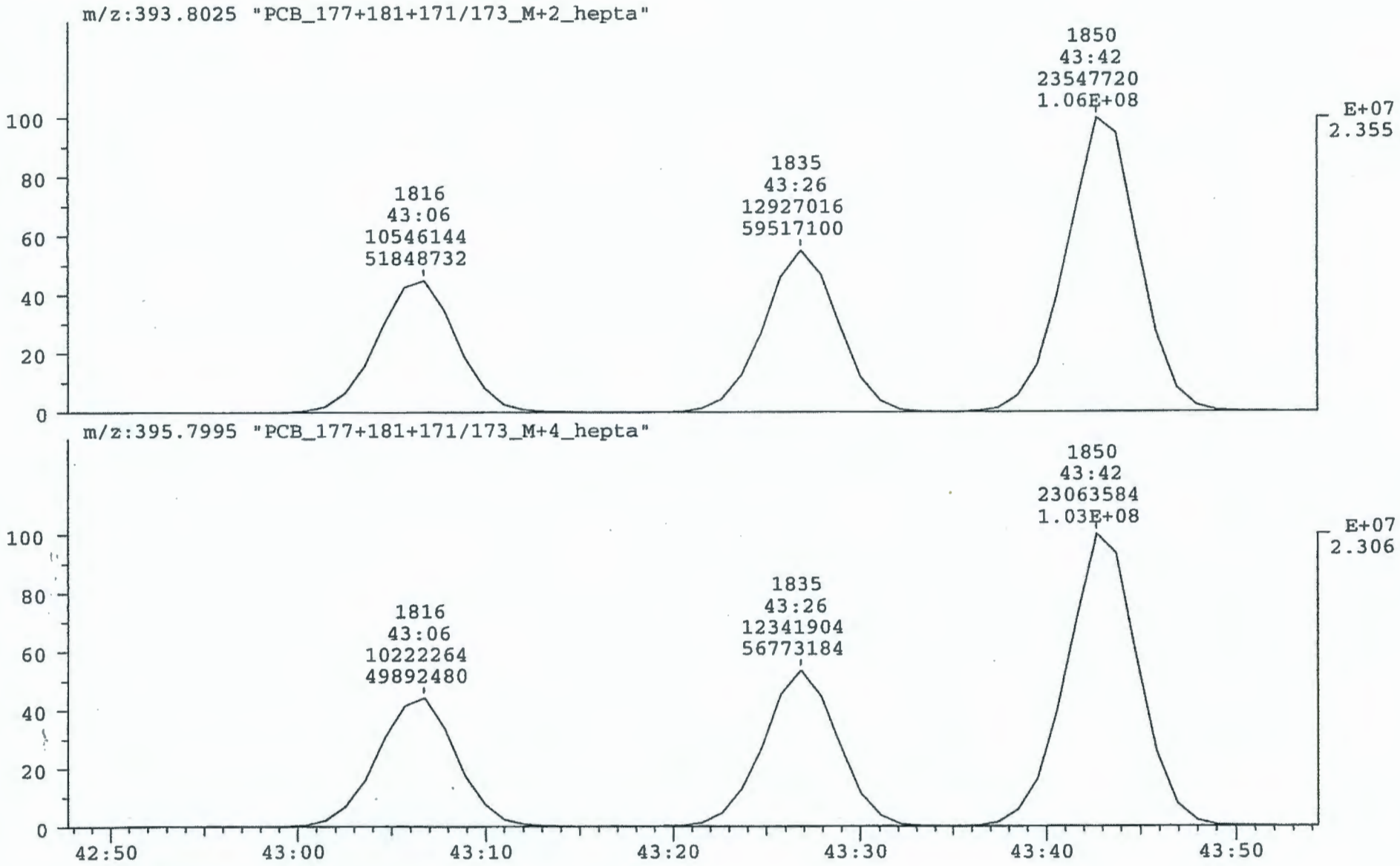
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  41:30      1725
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   8
Peak:  100.00  ppm     Label wndw:   1675 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



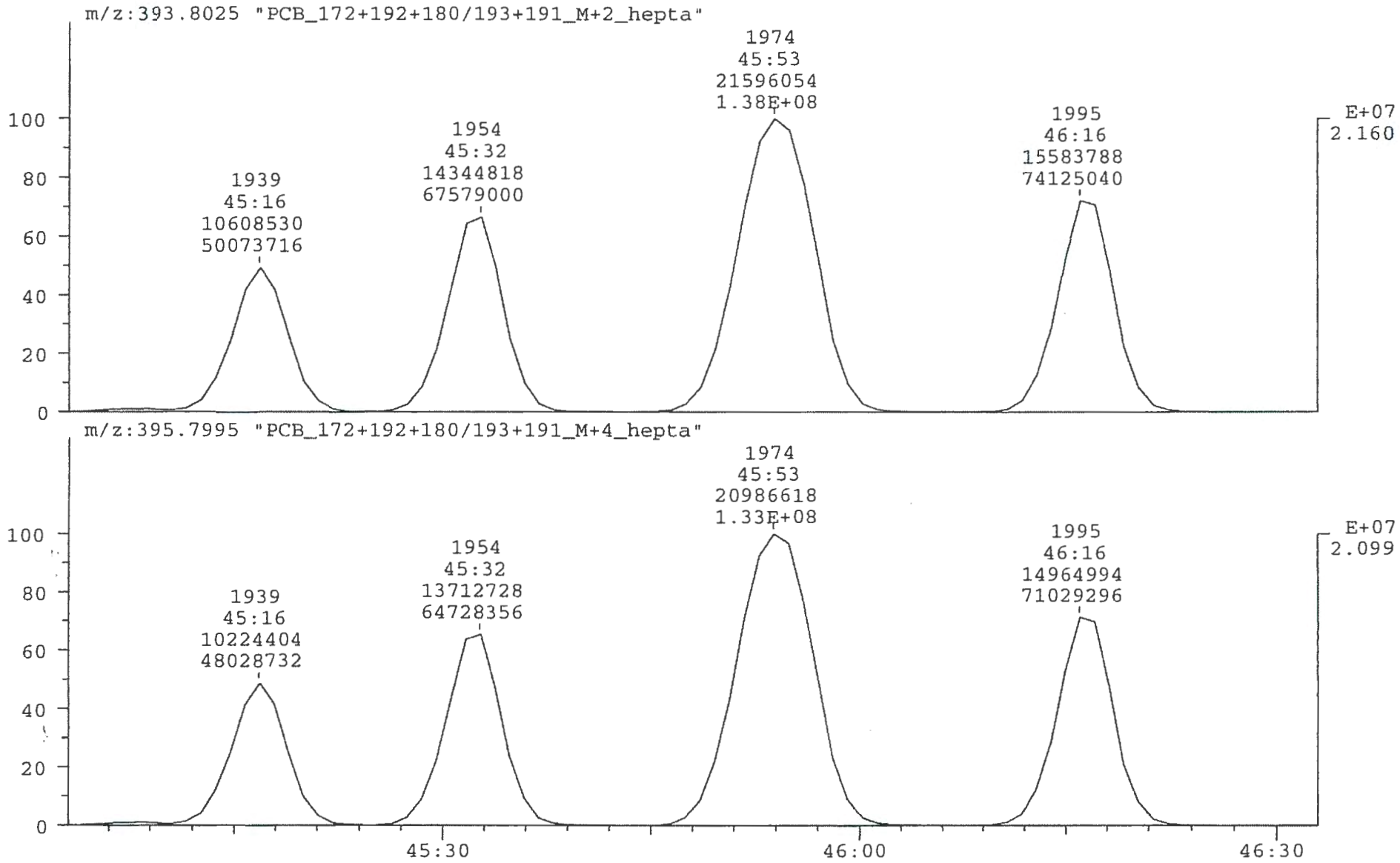
CHRO: a070313i5 14-Mar-07 Elapse: 42:41 1792
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1757 > 1807 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



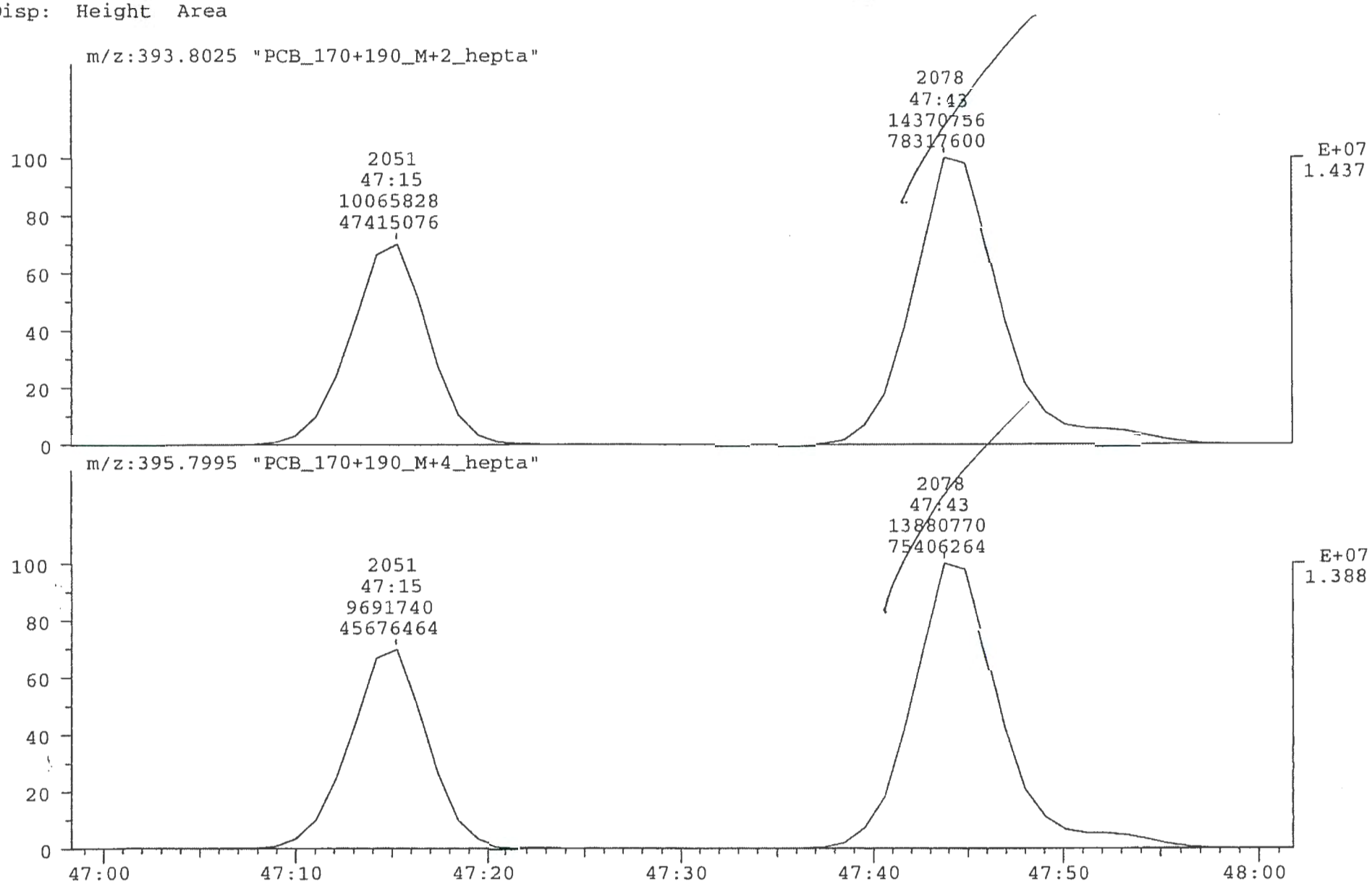
CHRO: a070313i5 14-Mar-07 Elapse: 43:27 1836
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1798 > 1861 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



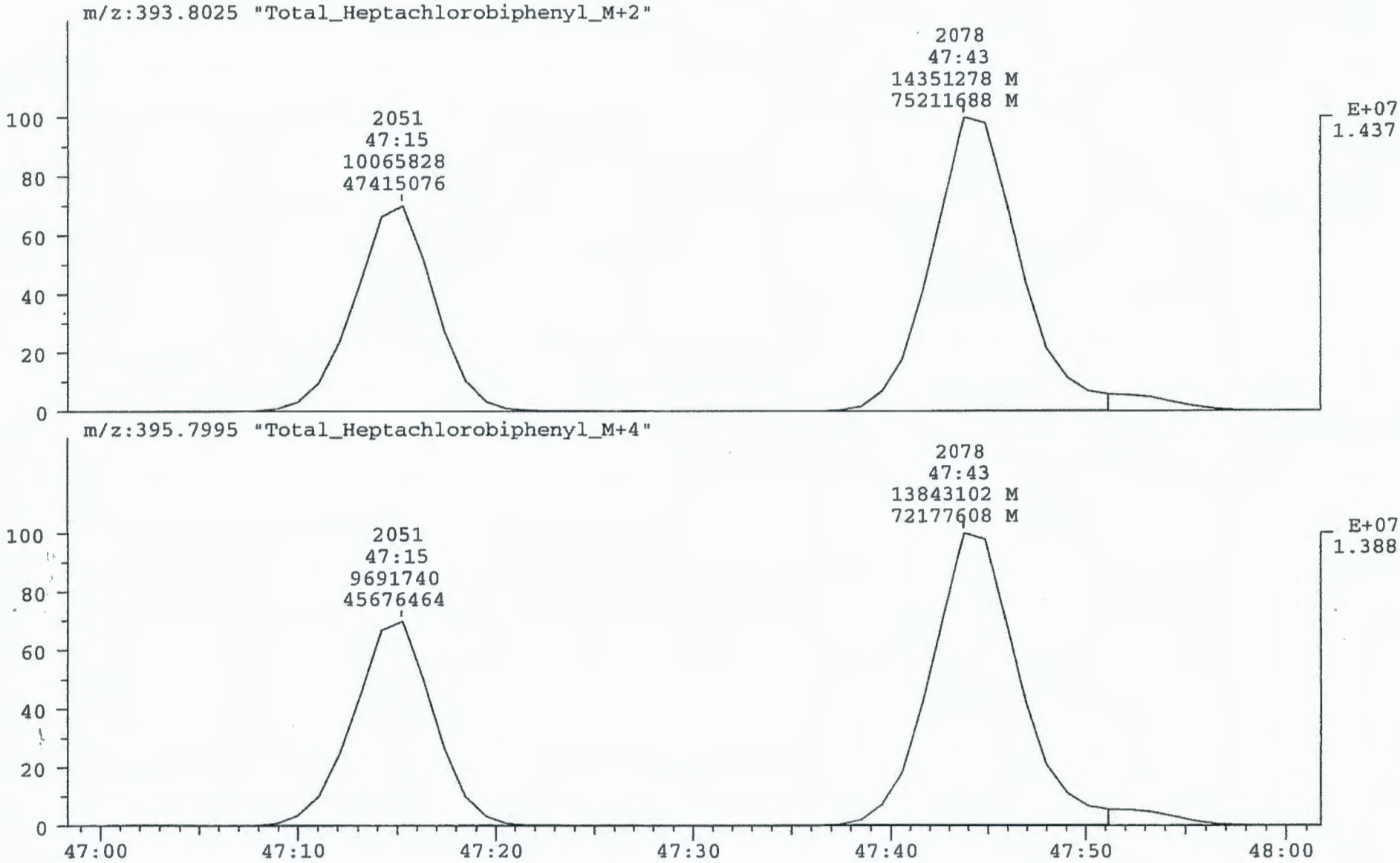
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  45:55      1976
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



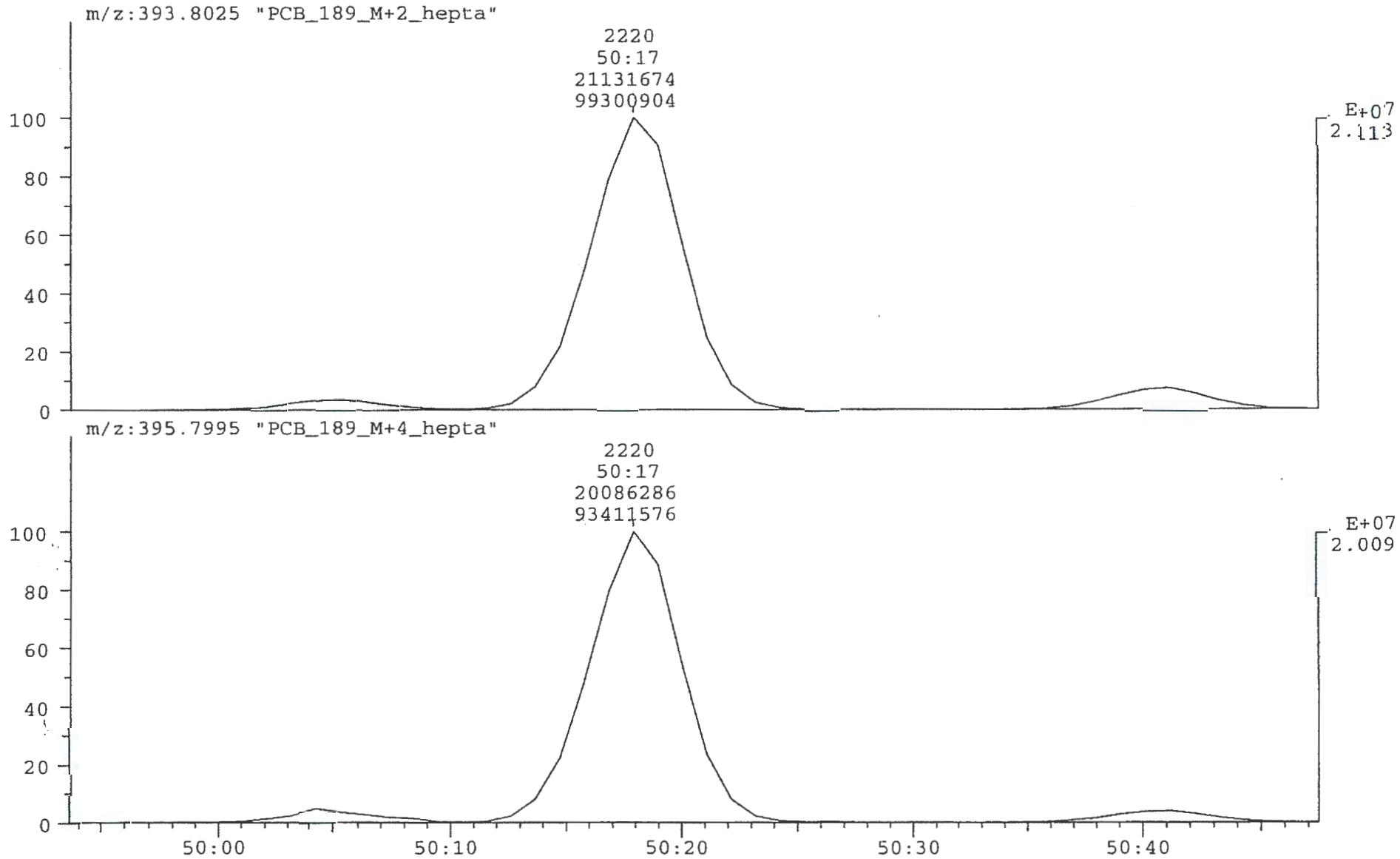
CHRO: a070313i5 14-Mar-07 Elapse: 47:35 2070
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 2035 > 2095 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



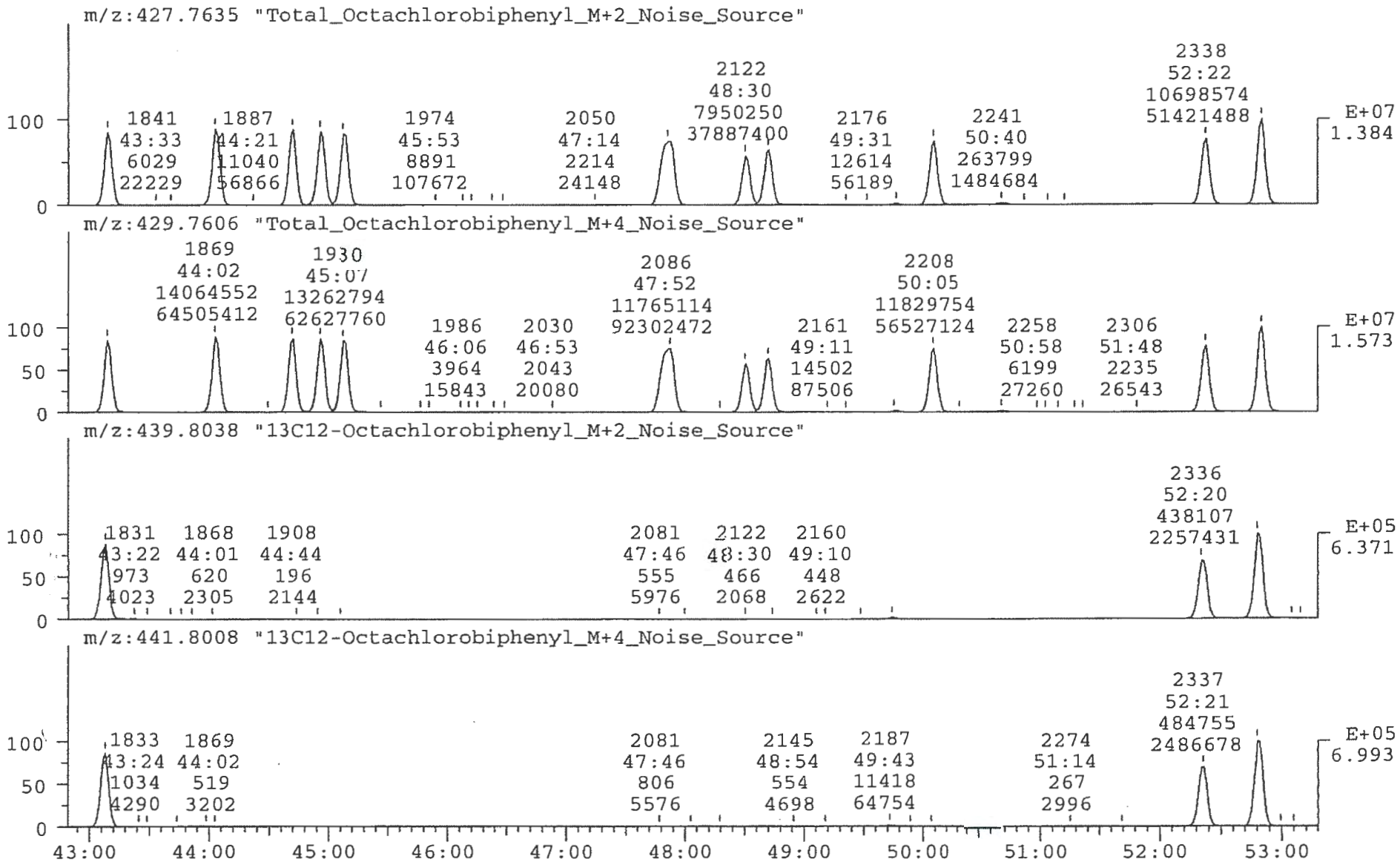
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  38:40      1564
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   2035 > 2095           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



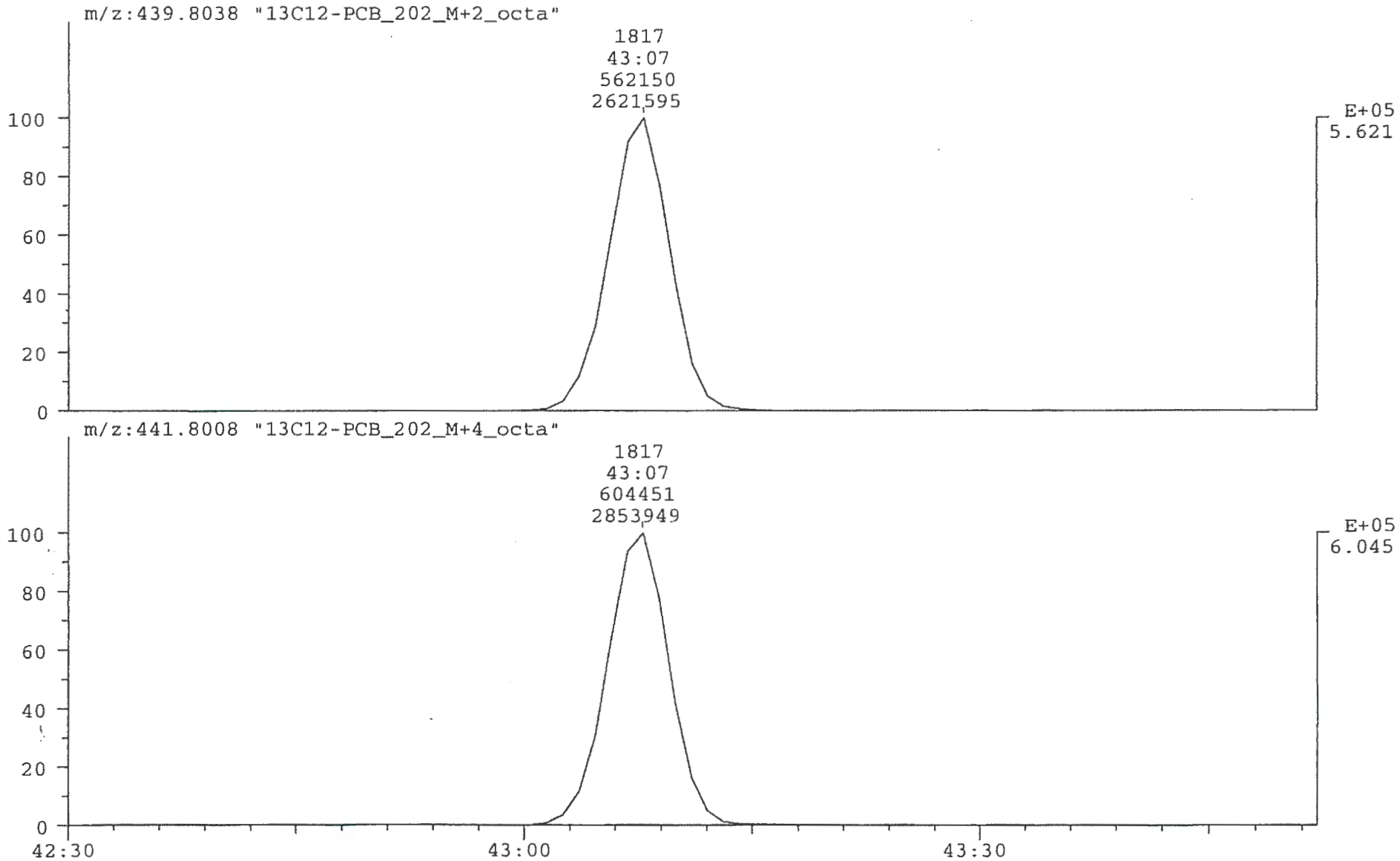
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  50:18      2221
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



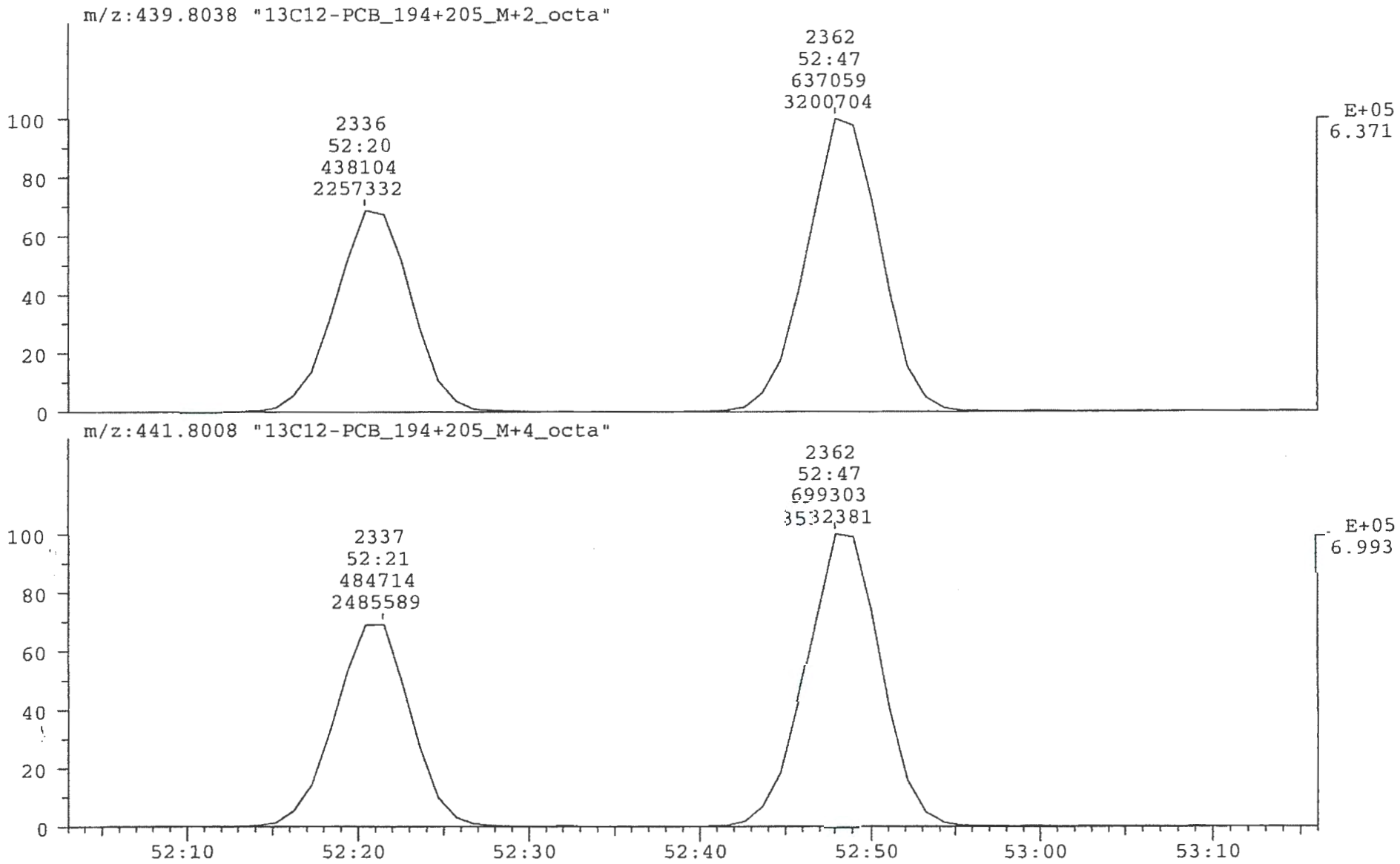
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  48:02      2096
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



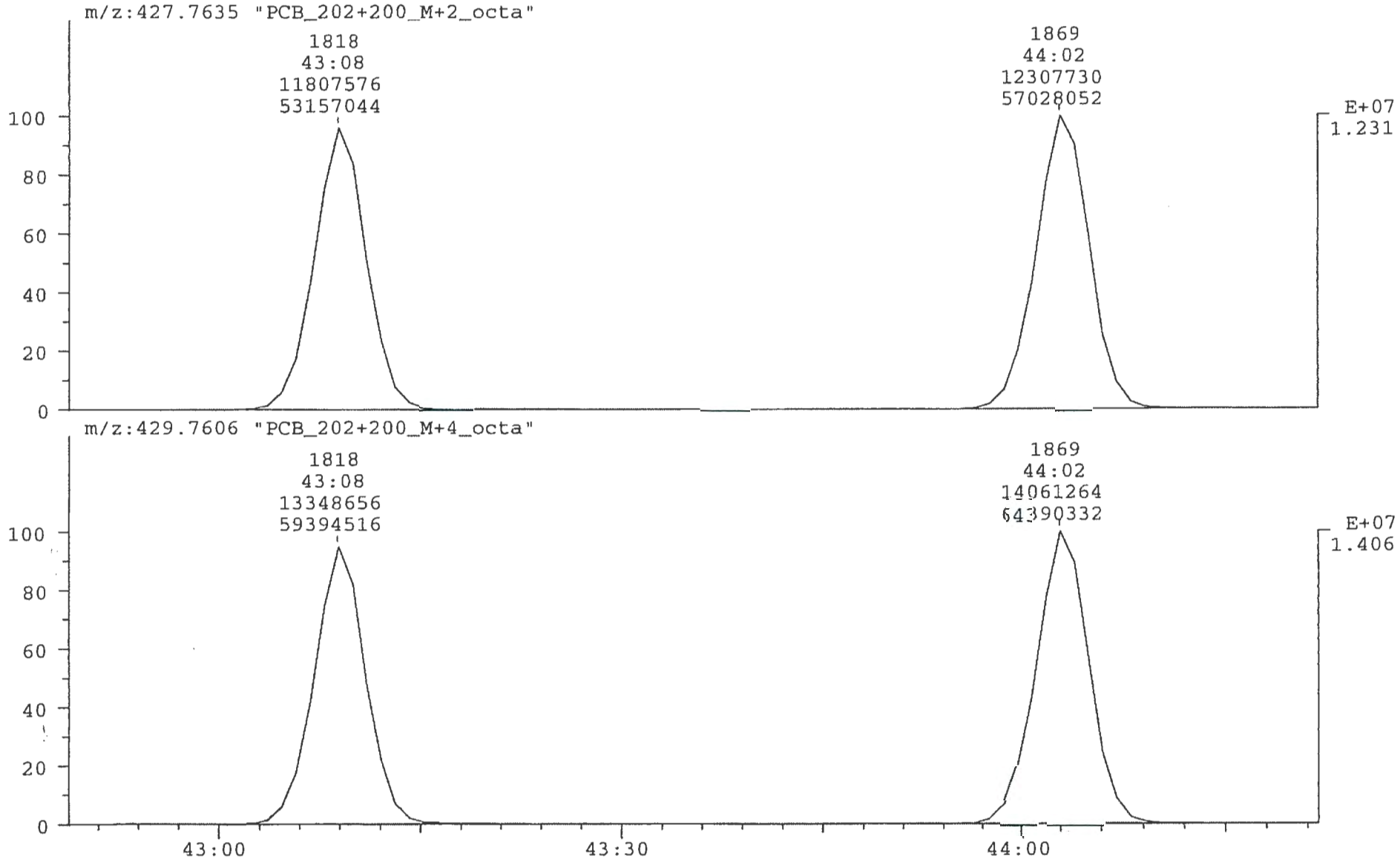
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  43:07      1817
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



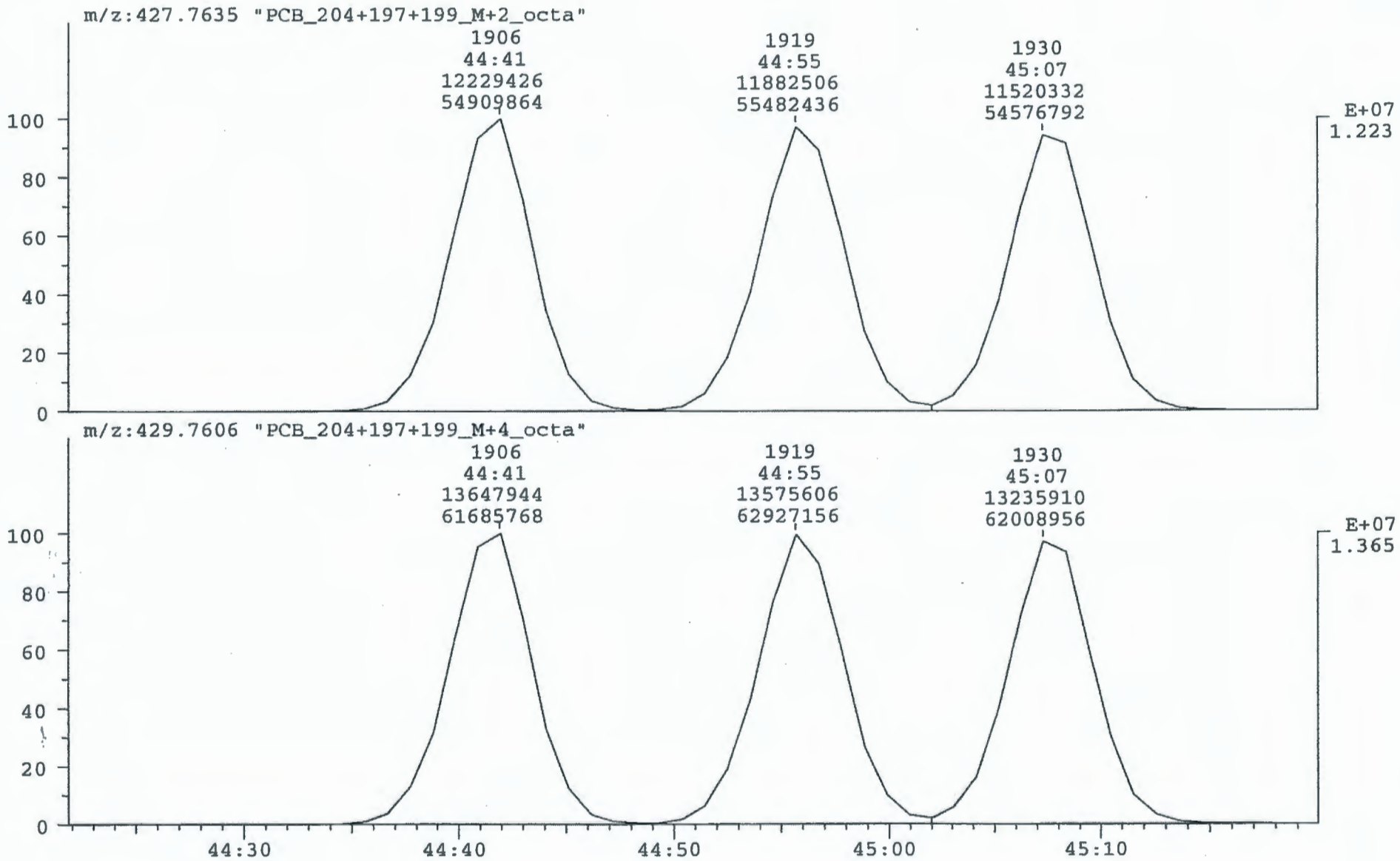
CHRO: a070313i5 14-Mar-07 Elapse: 52:39 2354
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 2320 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



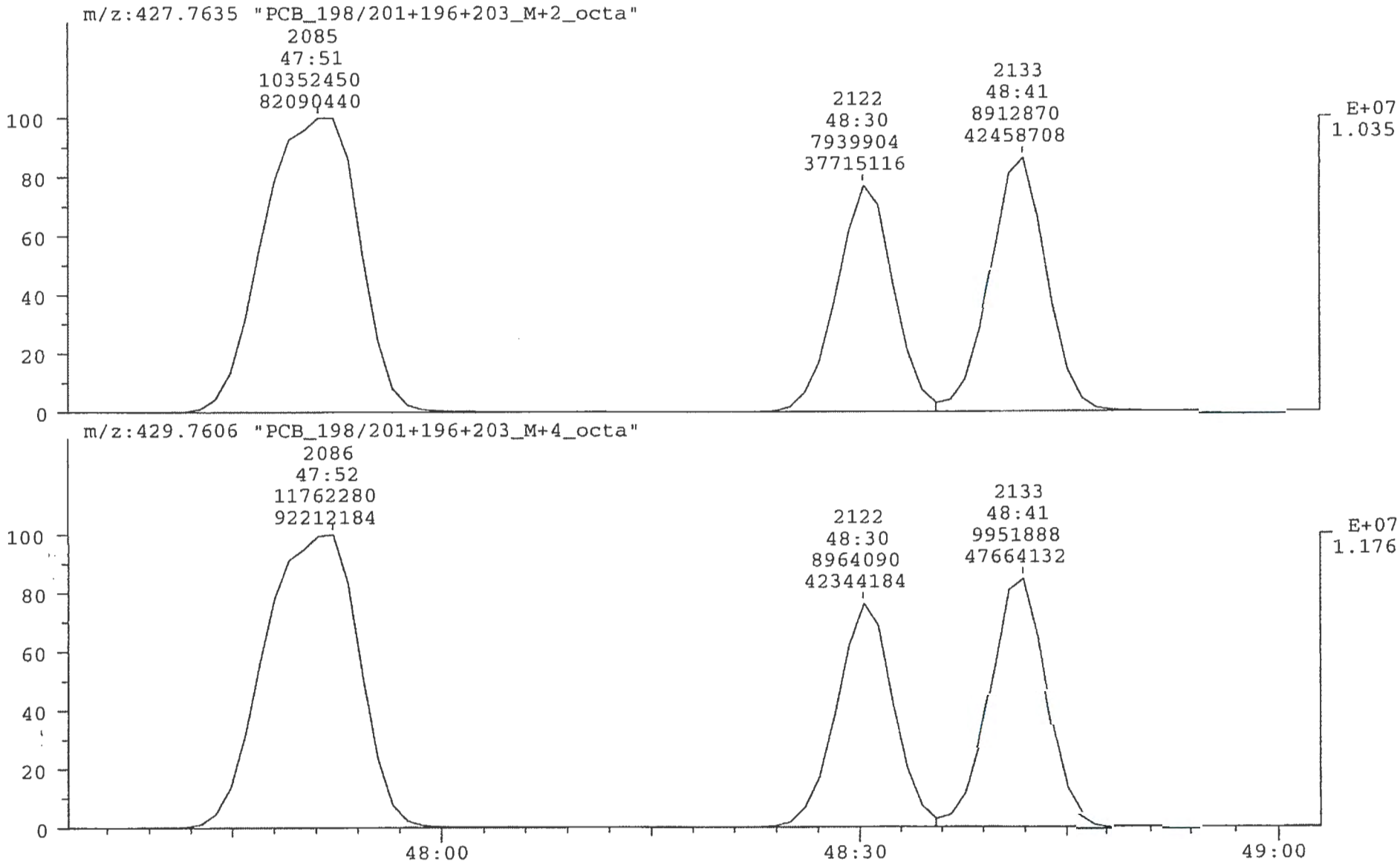
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  43:39      1847
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
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
```



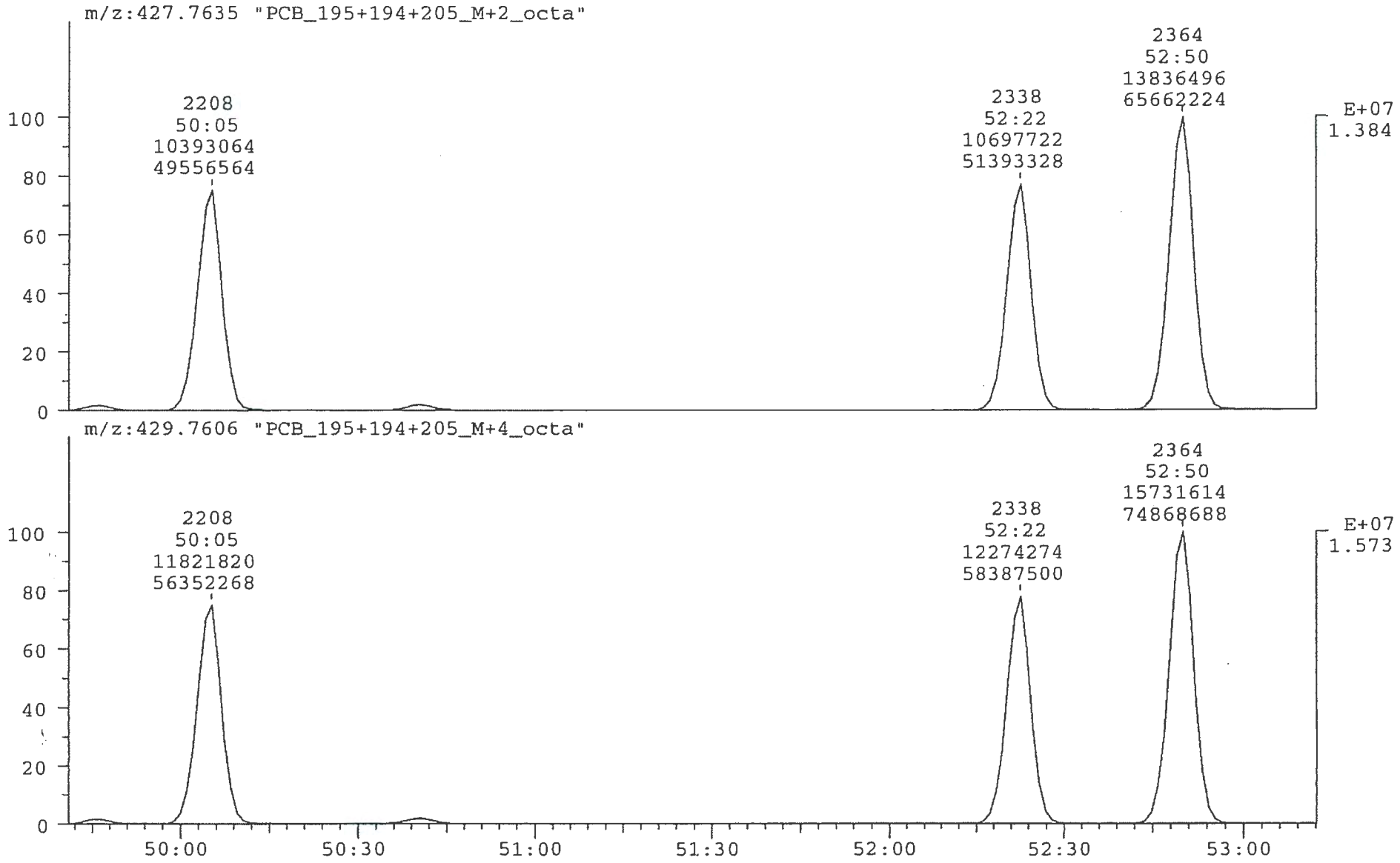
CHRO: a070313i5 14-Mar-07 Elapse: 44:43 1907
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 1887 > 1942 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



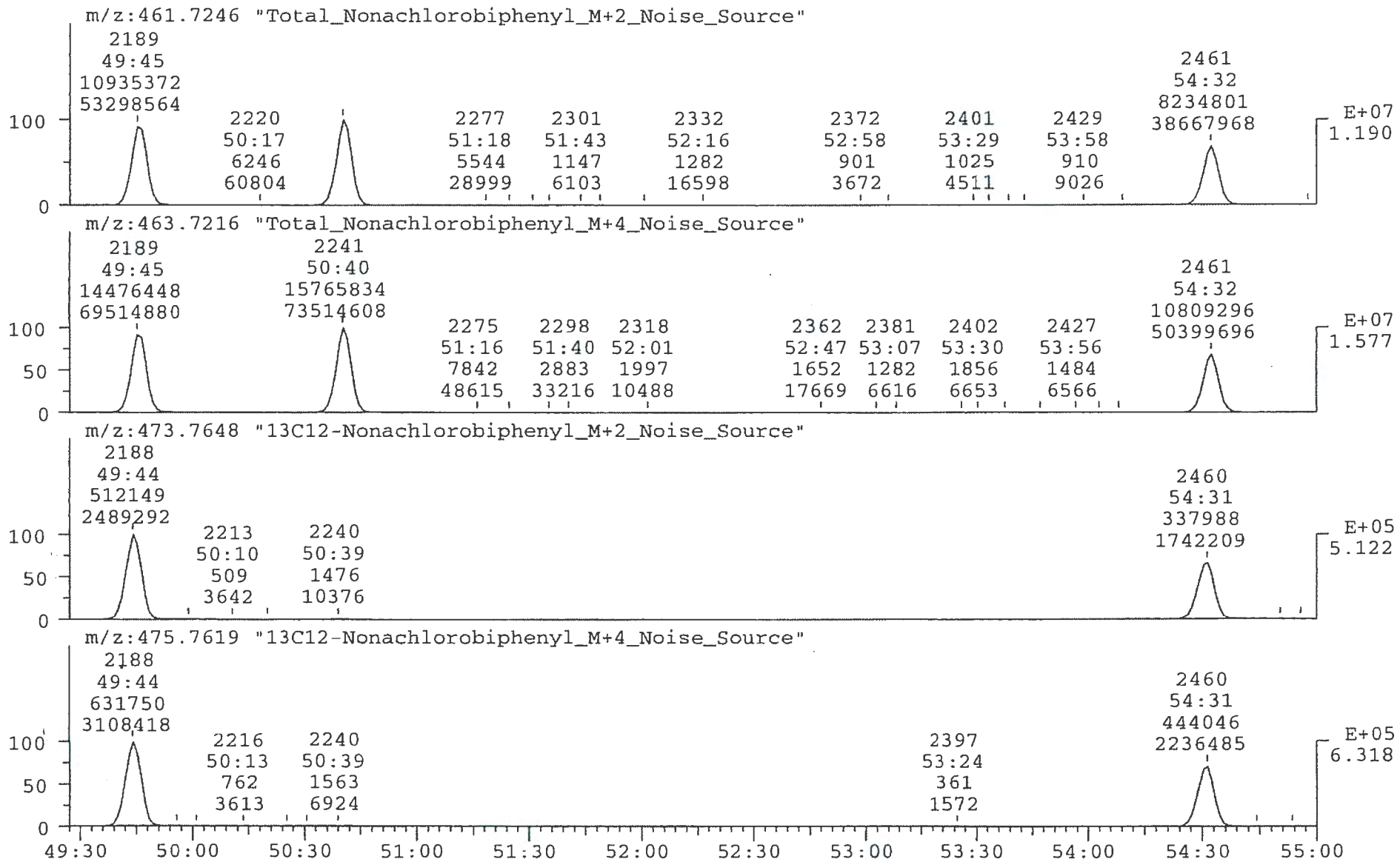
CHRO: a070313i5 14-Mar-07 Elapse: 48:33 2125
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 2068 > 2153 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



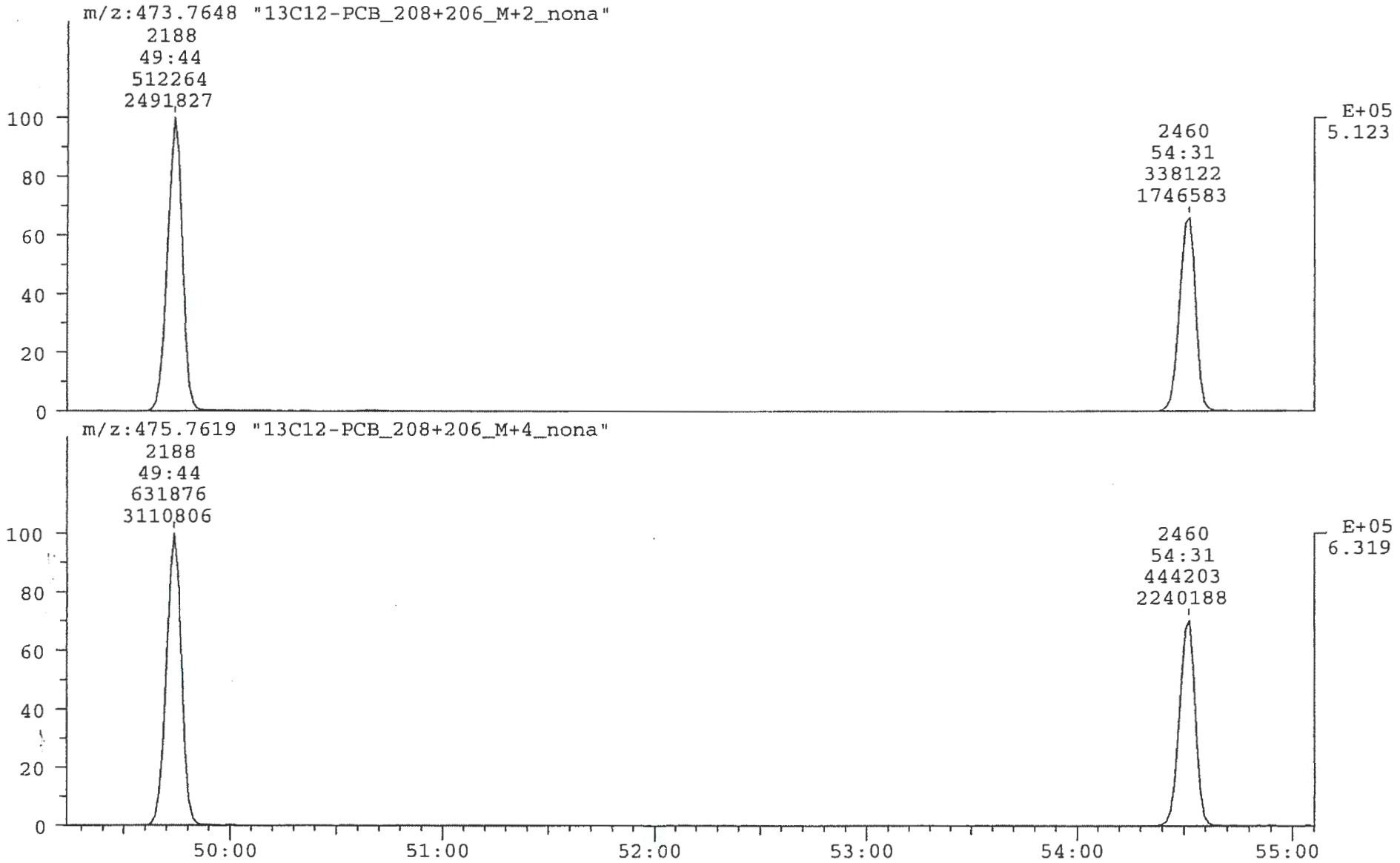
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  52:24      2340
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   8
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
```



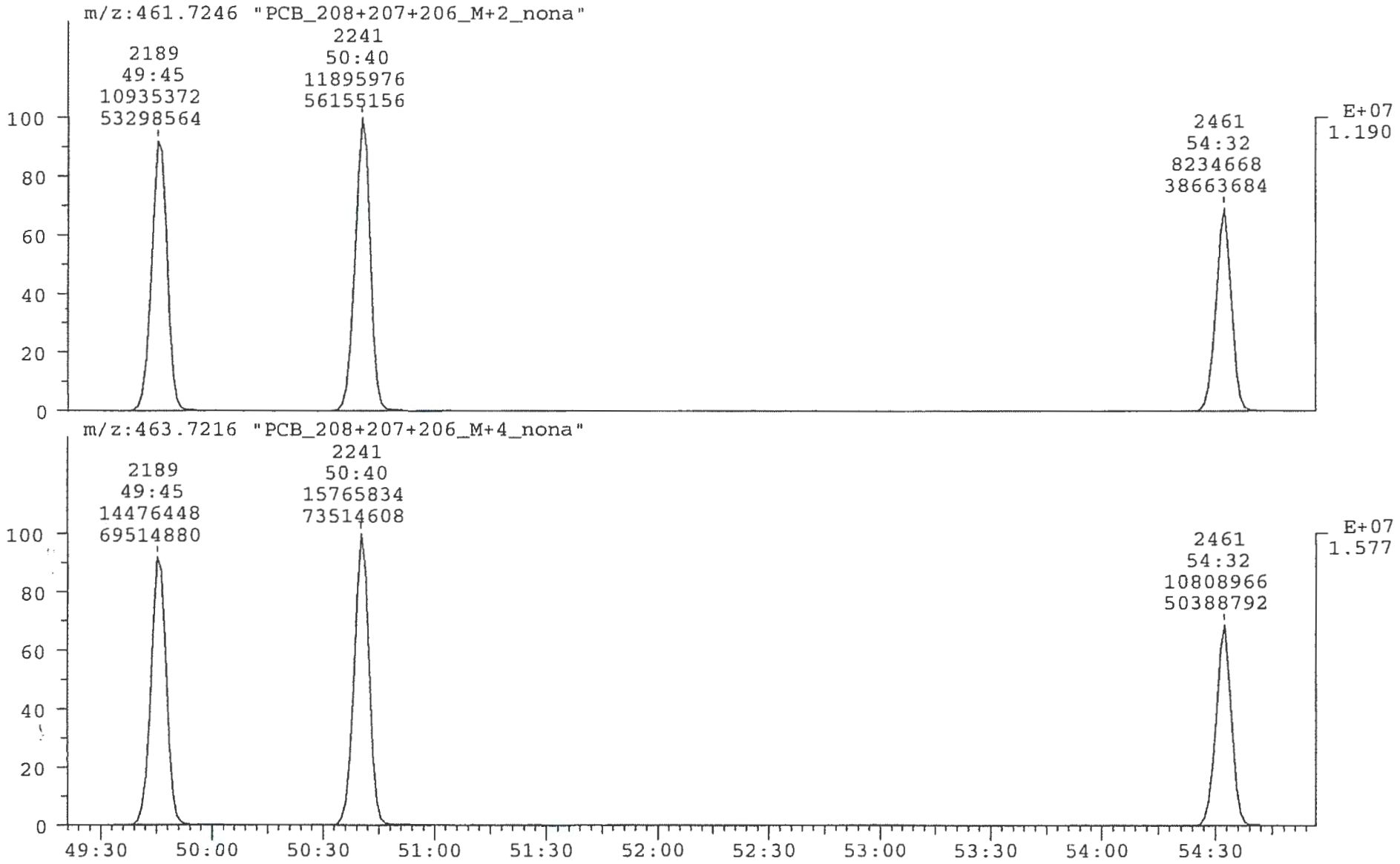
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  52:13      2329
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



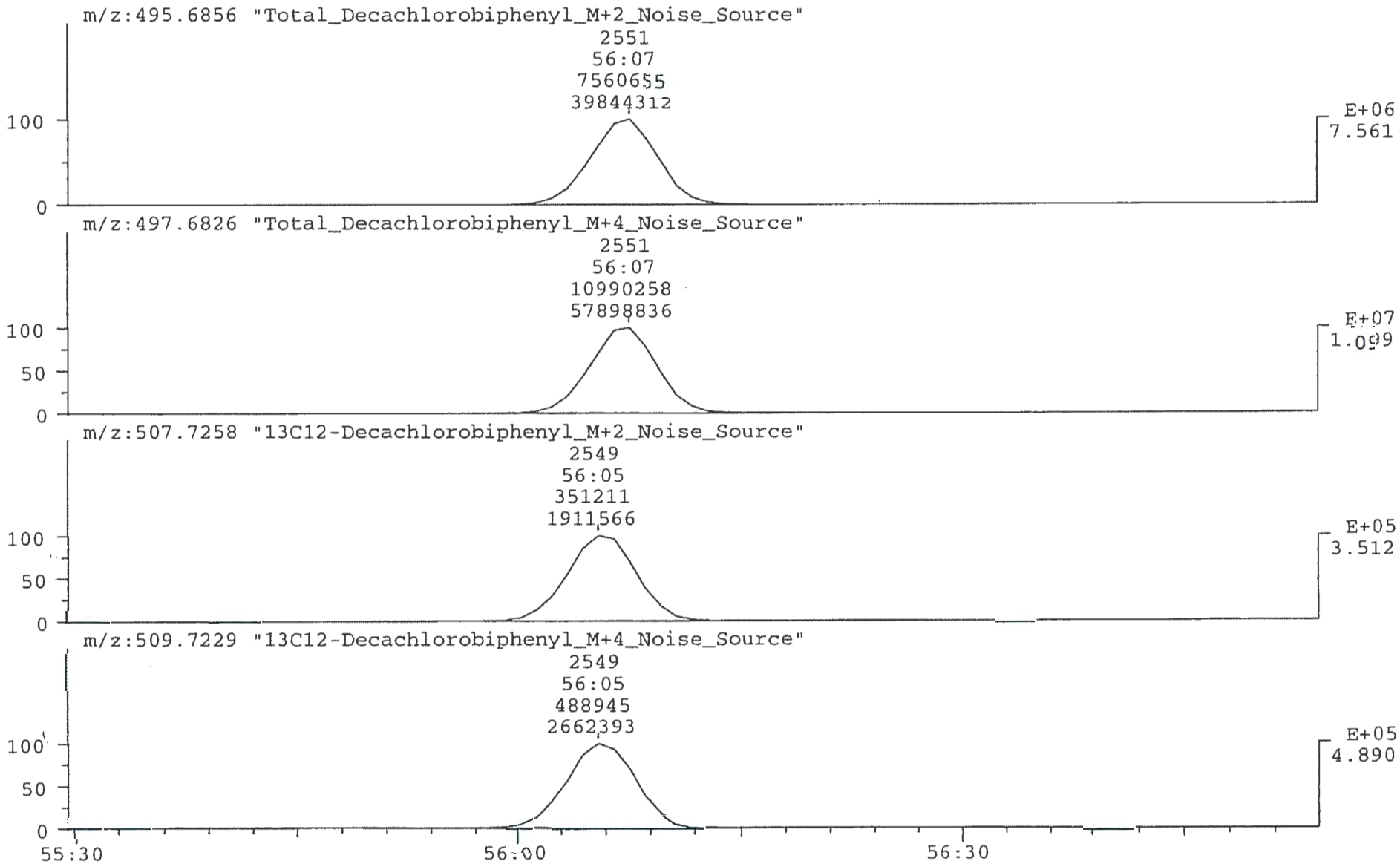
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  52:12      2328
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
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
```



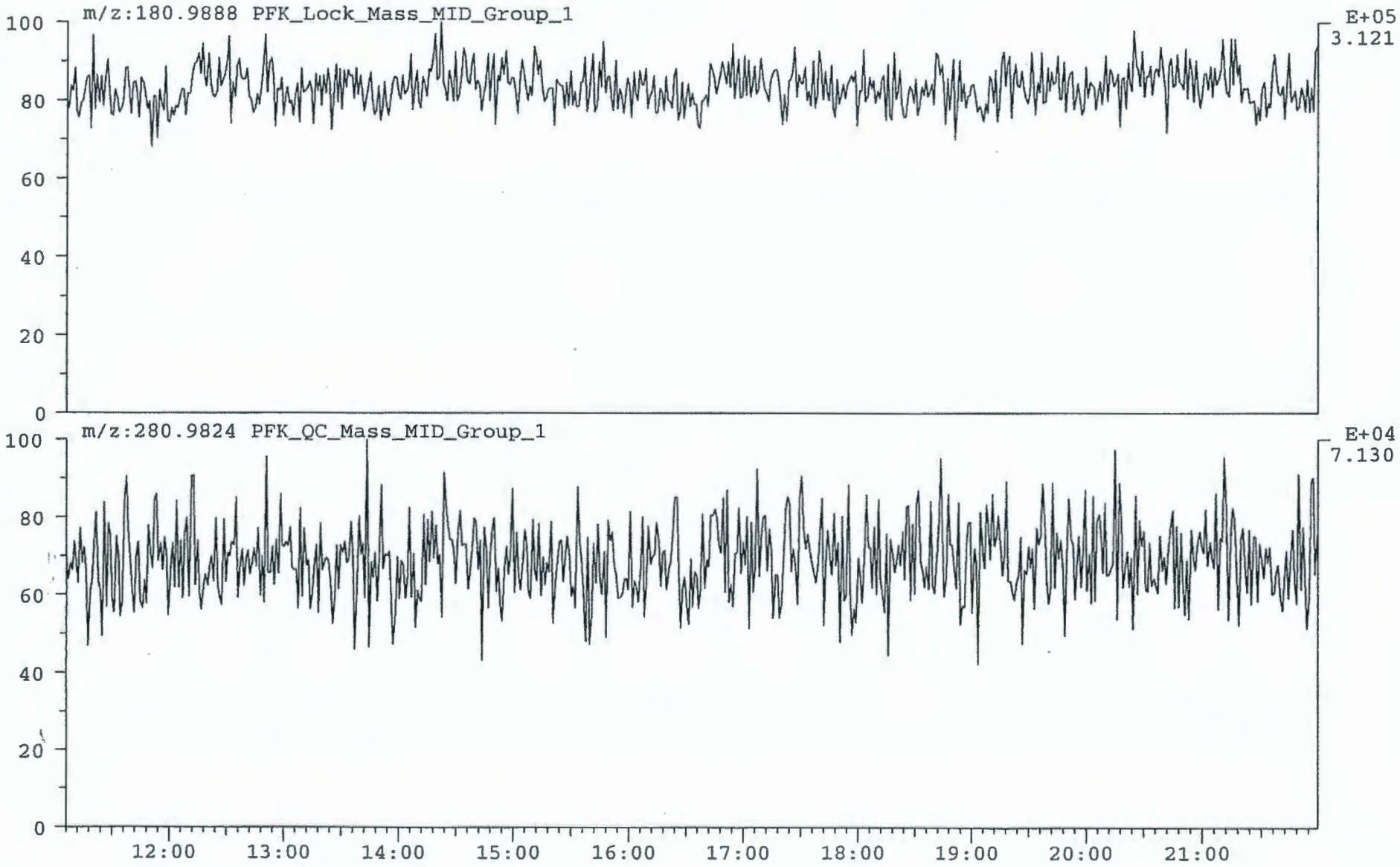
```
CHRO:  a070313i5                                14-Mar-07  Elapse:  52:13      2329
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                 Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   8
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
```



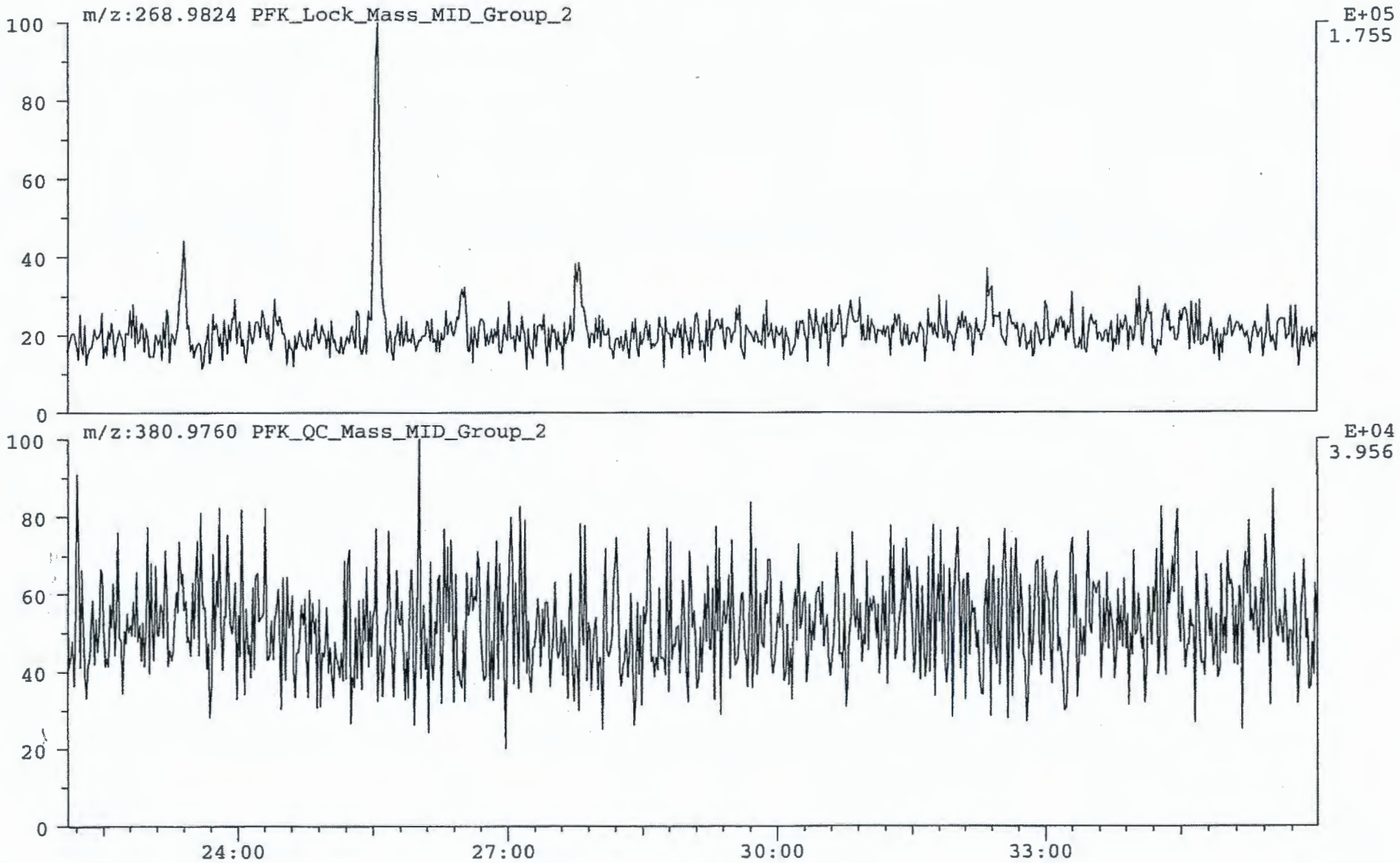
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  56:11      2555
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   2515 > 2595           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



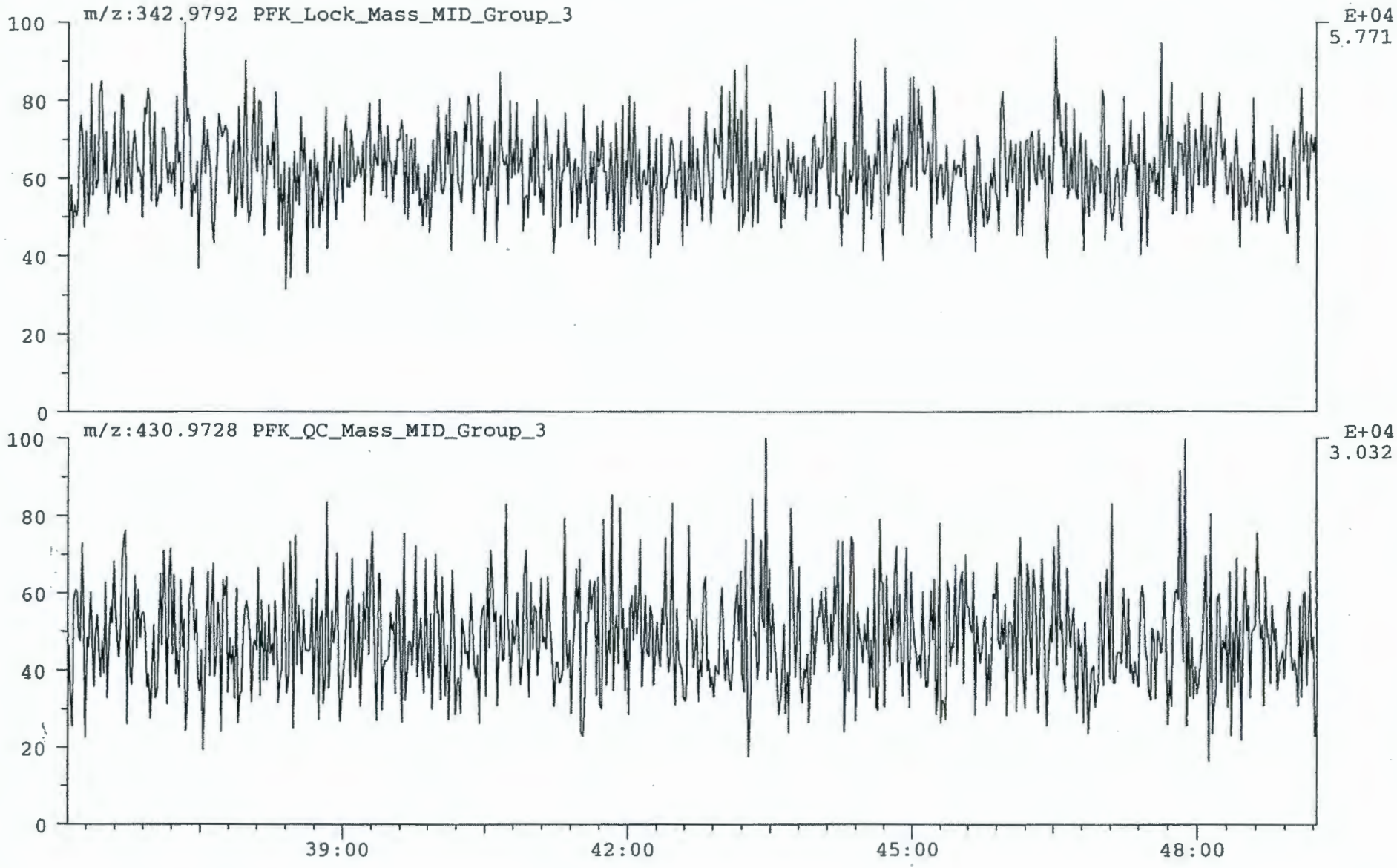
```
CHRO:  a070313i5                                14-Mar-07   Elapse:  56:11      2555
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   6 > 625               Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



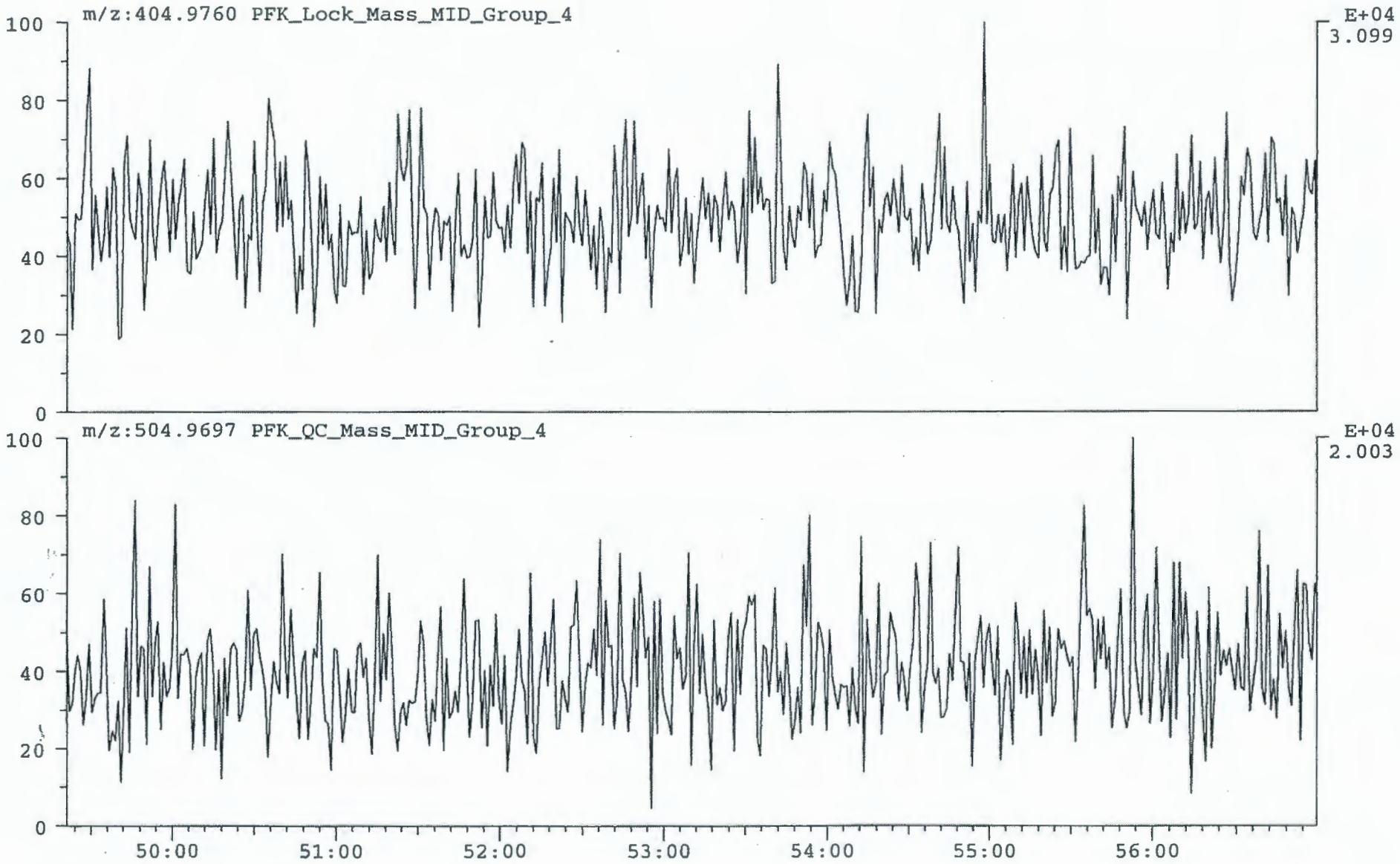
CHRO: a070313i5 14-Mar-07 Elapse: 56:11 2555
Samp: Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1 Start : 00:23:08 2602
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 8
Peak: 100.00 ppm Label wndw: 627 > 1416 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



```
CHRO:  a070313i5                                14-Mar-07   Elapse:  56:11      2555
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   1418 > 2163           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313i5                                14-Mar-07   Elapse:  56:11      2555
Samp:  Vial 8 WO=2990:71CS5 Meth=IE3 Dil=1                  Start :  00:23:08   2602
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   8
Peak:  100.00  ppm      Label wndw:   2166 > 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: a070313i5
Study: ICAL CS5
Sample: WO=2990:71CS5 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxvi11e
Comments: Inst=m1d/35055-03a Batch=20070313i Ccal=METHOD
Injected volume: 2.00
Sample from Vial 8
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 4 of list 070313
ICL procedure: s1eep7x
MID procedure: epa1668n

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	14:00 min	36:00 min	1.00 sec
# 3	36:00 min	13:15 min	49:15 min	1.00 sec
# 4	49:15 min	7:45 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	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 : epa1668n

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	1032.2528
BMASS	180.4888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9059
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-21.8250
DRAWC	1.0000	DRAWS	0.0050	ECORR	1.0001
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9998
EDACR	23.0000	EDACZ	1219.0000	ELEN	75.3500
EMULT	1.6000	ENS	178.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	145.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	501.3369	FSLOPE	54000000.0000	FVANAL	261.0000
FVINLET	259.0000	FVSRC	853.0000	FWIN	0.7000
GCTC	212.0000	GCTI	270.0000	GCTL	280.0000
HACCU	187.0000	HCURR	1.3823	HVANAL	1304.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	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	1291.0000	LENSS	83.6000
LKM	404.9760	LM	800.0000	LMASS	180.4888
LMII	500.0000	MASS	180.4888	MDAC	2346712.5794

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	1.0000	NSAM	100.0000
NSCAN	2612.0000	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	10280.6324	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	1.0000	SHIELD	2592.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	5.0000
SW	0.0500	TANAL	420.1500	TCURR	0.7031
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	2.2000	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.4888	XLENS	2000.0000
XLENSS	-28.8000	YLENS	2655.0000	YLENSS	-33.6000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 14-Mar-07 00:23:08.0

Autosampler has injected sample from vial 8
MID Time Window 1: Resolution is 6961
MID Time Window 2: Resolution is 8966
MID Time Window 3: Resolution is 7793
MID Time Window 4: Resolution is 10657
Analysis stopped at: 14-Mar-07 01:20:11.3 (run time 57.04 minutes)
Analysis stopped because MID run finished

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

CS3

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
Total Monochlorobiphenyl		10212705	3690121			14.647961		14.647961	J	0.00510
13C12-PCB 1	12:11	5807771	2183066	1.322	10.00	10.357711	103.58	10.357711		0.00382
13C12-PCB 3	14:23	5865108	1963920	1.345	10.00	10.281098	102.81	10.281098		0.00376
PCB 1 (BZ)	12:11	3455211	1416557	1.222	5.000	4.868486	97.37	4.868486	J	0.00157
PCB 2 (BZ)	14:13	3355173	1072372	1.179	5.000	4.875881	97.52	4.875881	J	0.00172
PCB 3 (BZ)	14:24	3402321	1201192	1.183	5.000	4.903594	98.07	4.903594	J	0.00181
Total Dichlorobiphenyl		27883950	7506425			58.391471		58.391471	J	0.0730
13C12-PCB 4	14:41	2615247	850138	0.618	10.00	9.977230	99.77	9.977230		0.00999
13C12-PCB 9	16:38	4241449	1251003	1.000	10.00	10.000000	100.00	10.000000		0.00618
13C12-PCB 8	17:30	4503347	1292931	1.253	10.00	10.140493	101.40	10.140493	J	0.00626
13C12-PCB 15	20:38	4473268	1118434	1.059	10.00	9.958977	99.59	9.958977		0.00583
PCB 4 (BZ)	14:42	1518268	472175	1.175	5.000	4.940807	98.82	4.940807	J	0.00873
PCB 10 (BZ)	14:51	2299575	761779	1.294	5.000	5.014043	100.28	5.014043	J	0.00685
PCB 9 (BZ)	16:39	2408981	719118	1.387	5.000	4.900401	98.01	4.900401	J	0.00639
PCB 7 (BZ)	16:48	2446630	722037	1.383	5.000	4.991382	99.83	4.991382	J	0.00641
PCB 6 (BZ)	17:05	2384886	660145	1.389	5.000	4.844401	96.89	4.844401	J	0.00638
PCB 5 (BZ)	17:24	2292362	637999	1.280	5.000	5.052984	101.06	5.052984	J	0.00693
PCB 8 (BZ)	17:31	2466244	735806	1.450	5.000	4.798912	95.98	4.798912	J	0.00611
PCB 14 (BZ)	19:07	2385466	660312	1.616	5.000	4.164919	83.30	4.164919	J	0.00549
PCB 11 (BZ)	20:01	2242491	572599	1.331	5.000	4.753652	95.07	4.753652	J	0.00666
PCB 13 (BZ)	20:19	4860498	917910	1.363	10.00	10.061429	100.61	10.061429	C12J	0.00650
PCB 12 (BZ)		4860498			10.00			ND	C	0.000000
PCB 15 (BZ)	20:40	2578549	646545	1.184	5.000	4.868540	97.37	4.868540	J	0.00659
Total Trichlorobiphenyl		64583288	13027037			119.155376		119.155376	J	0.173
13C12-PCB 19	17:52	1832637	523990	0.562	10.00	10.196059	101.96	10.196059		0.0210
13C12-PCB 32	21:07	3198216	822325	1.000	10.00	10.000000	100.00	10.000000		0.0118
13C12-PCB 31	23:21	6160034	1487568	1.000	10.00	10.000000	100.00	10.000000		0.00654
13C12-PCB 28	23:38	5913202	1368043	0.900	10.00	10.665890	106.66	10.665890	J	0.00726
13C12-PCB 37	27:44	5454241	1239494	0.880	10.00	10.061635	100.62	10.061635		0.00743
PCB 19 (BZ)	17:53	1057452	303518	1.176	5.000	4.906557	98.13	4.906557	J	0.0148
PCB 30 (BZ)	19:36	1616768	436101	1.803	5.000	4.893004	97.86	4.893004	J	0.00963
PCB 18 (BZ)	19:44	1091638	292615	1.257	5.000	4.738784	94.78	4.738784	J	0.0138
PCB 17 (BZ)	20:08	1145861	308906	1.292	5.000	4.839416	96.79	4.839416	J	0.0134
PCB 27 (BZ)	20:23	1626057	424098	1.930	5.000	4.597291	91.95	4.597291	J	0.00900
PCB 24 (BZ)	20:29	1603884	420174	1.689	5.000	5.181635	103.63	5.181635	J	0.0103
PCB 16 (BZ)	20:40	983319	247939	1.115	5.000	4.812194	96.24	4.812194	J	0.0156
PCB 32 (BZ)	21:08	1799478	456189	1.962	5.000	5.004620	100.09	5.004620	J	0.00885
PCB 34 (BZ)	22:21	3111780	774968	1.195	5.000	4.774266	95.49	4.774266	J	0.00614
PCB 23 (BZ)	22:29	3222606	802675	1.207	5.000	4.895146	97.90	4.895146	J	0.00608
PCB 29 (BZ)	22:49	6595733	1529393	1.228	10.00	9.847599	98.48	9.847599	C26J	0.00598
PCB 26 (BZ)		6595733			10.00			ND	C	0.000000
PCB 25 (BZ)	23:03	3878089	842780	1.364	5.000	5.212776	104.26	5.212776	J	0.00538
PCB 31 (BZ)	23:24	3442421	826564	1.260	5.000	5.009093	100.18	5.009093	J	0.00583
PCB 28 (BZ)	23:41	6539027	835600	1.171	10.00	10.238160	102.38	10.238160	C20J	0.00627
PCB 20 (BZ)		6539027			10.00			ND	C	0.000000
PCB 21 (BZ)	23:52	6788539	852982		10.00			ND	C	0.000000
PCB 33 (BZ)		6788539		1.244	10.00	10.005104	100.05	10.005104	C21J	0.00590
PCB 22 (BZ)	24:22	3195365	766131	1.197	5.000	4.894316	97.89	4.894316	J	0.00613
PCB 36 (BZ)	25:51	3581722	774373	1.276	5.000	5.146440	102.93	5.146440	J	0.00575

BKW 3/26/07 DCG 3-26-07

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
PCB 39 (BZ)	26:14	3562816	791365	1.286	5.000	5.079467	101.59	5.079467	J	0.00571
PCB 38 (BZ)	26:49	3348564	737070	1.212	5.000	5.065492	101.31	5.065492	J	0.00606
PCB 35 (BZ)	27:19	3056892	708510	1.161	5.000	4.827403	96.55	4.827403	J	0.00632
PCB 37 (BZ)	27:45	3335277	748068	1.179	5.000	5.186612	103.73	5.186612	J	0.00623
Total Tetrachlorobiphenyl		174829186	34609158			423.575820		423.575820	J	0.420
13C12-PCB 54	21:01	1839048	466820	0.600	10.00	9.583718	95.84	9.583718		0.00750
13C12-PCB 52	25:31	3003755	684481	1.000	10.00	10.000000	100.00	10.000000		0.00541
13C12-PCB 79	33:25	4313914	930806	1.069	10.00	10.456540	104.57	10.456540	J	0.00433
13C12-PCB 81	34:28	3808319	785332	1.279	10.00	9.912844	99.13	9.912844		0.00423
13C12-PCB 77	35:03	3910232	814754	1.295	10.00	10.052365	100.52	10.052365		0.00417
PCB 54 (BZ)	21:02	2279634	596878	1.182	10.00	10.487080	104.87	10.487080	J	0.0198
PCB 50 (BZ)	23:08	6770772	1164221	0.902	20.00	19.450281	97.25	19.450281	CJ	0.0152
PCB 53 (BZ)		6770772			20.00			ND	C50	0.000000
PCB 45 (BZ)	23:52	6587265	1150875	0.833	20.00	20.490585	102.45	20.490585	CJ	0.0164
PCB 51 (BZ)		6587265			20.00			ND	C45	0.000000
PCB 46 (BZ)	24:11	2917459	677817	0.708	10.00	10.677405	106.77	10.677405	J	0.0193
PCB 52 (BZ)	25:32	3336787	826549	0.913	10.00	9.470042	94.70	9.470042	J	0.0150
PCB 73 (BZ)	25:39	7309861	1055167	0.933	20.00	20.301199	101.51	20.301199	C43J	0.0147
PCB 43 (BZ)		7309861			20.00			ND	C	0.000000
PCB 69 (BZ)	25:54	4435732	1067637	1.090	10.00	10.544671	105.45	10.544671	J	0.0126
PCB 49 (BZ)	26:00	3554083	839550	0.998	10.00	9.227653	92.28	9.227653	J	0.0137
PCB 48 (BZ)	26:17	3385340	775858	0.850	10.00	10.319950	103.20	10.319950	J	0.0161
PCB 65 (BZ)	26:32	11512187	1830502	0.964	30.00	30.943898	103.15	30.943898	C44J	0.0142
PCB 47 (BZ)		11512187			30.00			ND	C44	0.000000
PCB 44 (BZ)		11512187			30.00			ND	C	0.000000
PCB 62 (BZ)	26:49	14179912	1519803	1.237	30.00	29.702845	99.01	29.702845	C59J	0.0111
PCB 75 (BZ)		14179912			30.00			ND	C59	0.000000
PCB 59 (BZ)		14179912			30.00			ND	C	0.000000
PCB 42 (BZ)	27:05	3275170	758734	0.835	10.00	10.163460	101.63	10.163460	J	0.0164
PCB 41 (BZ)	27:28	2690603	626116	0.722	10.00	9.656209	96.56	9.656209	J	0.0190
PCB 71 (BZ)	27:35	7420097	1272760	0.928	20.00	20.718381	103.59	20.718381	C40J	0.0147
PCB 40 (BZ)		7420097			20.00			ND	C	0.000000
PCB 64 (BZ)	27:47	4932156	1139048	1.278	10.00	10.000004	100.00	10.000004	J	0.0107
PCB 72 (BZ)	28:33	4733896	1067640	1.196	10.00	10.256088	102.56	10.256088	J	0.0114
PCB 68 (BZ)	28:49	4990644	1111700	1.273	10.00	10.158332	101.58	10.158332	J	0.0108
PCB 57 (BZ)	29:16	4437859	1010461	1.152	10.00	9.981947	99.82	9.981947	J	0.0119
PCB 58 (BZ)	29:32	4818668	1048962	1.226	10.00	10.184290	101.84	10.184290	J	0.0112
PCB 67 (BZ)	29:40	5013008	1116125	1.244	10.00	10.441725	104.42	10.441725	J	0.0110
PCB 63 (BZ)	29:56	4905202	1018406	1.296	10.00	9.807224	98.07	9.807224	J	0.0106
PCB 61 (BZ)	30:10	4374594	969458	1.141	10.00	9.934507	99.35	9.934507	J	0.0120
PCB 70 (BZ)	30:19	14638656	2917613	1.234	30.00	30.738330	102.46	30.738330	CJ	0.0111
PCB 76 (BZ)		14638656			30.00			ND	C70	0.000000
PCB 74 (BZ)		14638656			30.00			ND	C70	0.000000
PCB 66 (BZ)	30:38	4709614	1027011	1.233	10.00	9.897294	98.97	9.897294	J	0.0111
PCB 55 (BZ)	30:50	4298849	969718	1.113	10.00	10.008091	100.08	10.008091	J	0.0123
PCB 56 (BZ)	31:22	4575816	994388	1.175	10.00	10.090784	100.91	10.090784	J	0.0116
PCB 60 (BZ)	31:33	4561398	1010010	1.138	10.00	10.386038	103.86	10.386038	J	0.0120
PCB 80 (BZ)	31:50	5340862	1142691	1.383	10.00	10.006528	100.07	10.006528	J	0.00990
PCB 79 (BZ)	33:26	5206231	1093865	1.350	10.00	9.992724	99.93	9.992724	J	0.0101

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

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Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
PCB 78 (BZ)	34:00	4532135	942993	1.144	10.00	10.265285	102.65	10.265285	J	0.0120
PCB 81 (BZ)	34:29	4748030	948336	1.283	10.00	9.717476	97.17	9.717476	J	0.0109
PCB 77 (BZ)	35:04	4356666	918266	1.166	10.00	9.555495	95.55	9.555495	J	0.0115
Total Pentachlorobiphenyl		144321846	26377379			457.109234		457.109234	J	0.548
13C12-PCB 104	26:26	2973746	691141	1.280	10.00	10.024924	100.25	10.024924		0.00691
13C12-PCB 95	29:28	2241879	506042	0.718	10.00	10.499868	105.00	10.499868	J	0.00892
13C12-PCB 101	32:19	2317463	499977	1.000	10.00	10.000000	100.00	10.000000		0.00885
13C12-PCB 111	34:56	2933952	625701	1.208	10.00	10.480289	104.80	10.480289	J	0.00733
13C12-PCB 123	36:57	4415983	911560	0.960	10.00	10.140245	101.40	10.140245		0.00499
13C12-PCB 118	37:17	4573321	956729	0.993	10.00	10.152541	101.53	10.152541		0.00482
13C12-PCB 114	37:49	4483010	898494	0.971	10.00	10.177539	101.78	10.177539		0.00493
13C12-PCB 105	38:32	4372218	900593	0.940	10.00	10.253361	102.53	10.253361		0.00509
13C12-PCB 127	39:55	4536362	924198	1.000	10.00	10.000000	100.00	10.000000		0.00479
13C12-PCB 126	41:35	4498863	925167	0.980	10.00	10.119731	101.20	10.119731		0.00489
PCB 104 (BZ)	26:28	3266188	738407	1.107	10.00	9.921782	99.22	9.921782	J	0.0150
PCB 96 (BZ)	26:56	3116687	700650	0.997	10.00	10.512213	105.12	10.512213	J	0.0166
PCB 103 (BZ)	28:43	2490811	566201	0.825	10.00	10.152733	101.53	10.152733	J	0.0201
PCB 94 (BZ)	29:00	2103069	470078	0.704	10.00	10.045626	100.46	10.045626	J	0.0235
PCB 95 (BZ)	29:34	4792599	584737	0.828	20.00	19.464215	97.32	19.464215	CJ	0.0200
PCB 100 (BZ)		4792599			20.00			ND	C95	0.000000
PCB 93 (BZ)	29:40	2184906	466023	0.683	10.00	10.757421	107.57	10.757421	J	0.0243
PCB 102 (BZ)	29:49	4708250	634021	0.803	20.00	19.716967	98.58	19.716967	C98J	0.0206
PCB 98 (BZ)		4708250			20.00			ND	C	0.000000
PCB 88 (BZ)	30:12	2083860	466352	0.700	10.00	10.010750	100.11	10.010750	J	0.0237
PCB 91 (BZ)	30:19	2406057	528246	0.839	10.00	9.643620	96.44	9.643620	J	0.0197
PCB 84 (BZ)	30:37	2012921	432192	0.645	10.00	10.494534	104.95	10.494534	J	0.0257
PCB 89 (BZ)	31:05	2061044	434971	0.709	10.00	9.775459	97.75	9.775459	J	0.0234
PCB 121 (BZ)	31:18	3210121	721320	1.093	10.00	9.876370	98.76	9.876370	J	0.0152
PCB 92 (BZ)	31:45	2233138	491121	0.769	10.00	9.765295	97.65	9.765295	J	0.0215
PCB 113 (BZ)	32:19	8067501	1457244	0.932	30.00	29.108461	97.03	29.108461	C90J	0.0178
PCB 90 (BZ)		8067501			30.00			ND	C	0.000000
PCB 101 (BZ)		8067501			30.00			ND	C90	0.000000
PCB 83 (BZ)	32:53	4487082	834745	0.769	20.00	19.621572	98.11	19.621572	CJ	0.0215
PCB 99 (BZ)		4487082			20.00			ND	C83	0.000000
PCB 112 (BZ)	33:02	3193262	687828	1.044	10.00	10.285613	102.86	10.285613	J	0.0159
PCB 109 (BZ)/108 (IUPAC)	33:22	16278684	1320719	0.923	60.00	59.308060	98.85	59.308060	C86J	0.0179
PCB 86 (BZ)		16278684			60.00			ND	C	0.000000
PCB 119 (BZ)		16278684			60.00			ND	C86	0.000000
PCB 97 (BZ)		16278684			60.00			ND	C86	0.000000
PCB 125 (BZ)		16278684			60.00			ND	C86	0.000000
PCB 87 (BZ)		16278684			60.00			ND	C86	0.000000
PCB 117 (BZ)	34:03	8388415	732863	0.943	30.00	29.913301	99.71	29.913301	C85J	0.0176
PCB 116 (BZ)		8388415			30.00			ND	C85	0.000000
PCB 85 (BZ)		8388415			30.00			ND	C	0.000000
PCB 110 (BZ)	34:22	6554819	1408097	1.086	20.00	20.296774	101.48	20.296774	CJ	0.0153
PCB 115 (BZ)		6554819			20.00			ND	C110	0.000000
PCB 82 (BZ)	34:45	1767852	394857	0.600	10.00	9.908109	99.08	9.908109	J	0.0276
PCB 111 (BZ)	34:57	3216691	714420	1.082	10.00	9.997196	99.97	9.997196	J	0.0153
PCB 120 (BZ)	35:25	3492753	730150	1.163	10.00	10.099138	100.99	10.099138	J	0.0142

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Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
PCB 124 (BZ)		9174711			20.00			ND	C108	0.000000
PCB 108 (BZ)/107 (IUPAC)	36:38	9174711	1913808	1.051	20.00	19.534870	97.67	19.534870	CJ	0.0119
PCB 107 (BZ)/109 (IUPAC)	36:52	4750652	1067964	1.042	10.00	10.202494	102.02	10.202494	J	0.0120
PCB 123 (BZ)	36:59	4900108	1017796	1.067	10.00	10.399533	104.00	10.399533	J	0.0118
PCB 106 (BZ)	37:07	4618663	936350	1.057	10.00	9.778272	97.78	9.778272	J	0.0118
PCB 118 (BZ)	37:18	4588362	1001768	1.072	10.00	9.359038	93.59	9.359038	J	0.0112
PCB 122 (BZ)	37:42	4440941	931597	1.015	10.00	9.791062	97.91	9.791062	J	0.0123
PCB 114 (BZ)	37:51	4924158	999201	1.135	10.00	9.677572	96.78	9.677572	J	0.0112
PCB 105 (BZ)	38:33	5052037	1024071	1.192	10.00	9.693675	96.94	9.693675	J	0.0107
PCB 127 (BZ)	39:56	4937718	1009305	1.099	10.00	10.054244	100.54	10.054244	J	0.0113
PCB 126 (BZ)	41:36	4817786	960277	1.077	10.00	9.943265	99.43	9.943265	J	0.0115
Total Hexachlorobiphenyl		130866285	22993002			421.855946		421.855946	J	0.769
13C12-PCB 155	31:59	2731681	607681	1.182	10.00	9.972400	99.72	9.972400		0.00677
13C12-PCB 153	39:05	3110599	666309	0.811	10.00	10.442643	104.43	10.442643	J	0.00852
13C12-PCB 138	40:24	3036115	626964	1.000	10.00	10.000000	100.00	10.000000		0.00638
13C12-PCB 167	43:21	3724545	768299	1.259	10.00	9.743821	97.44	9.743821		0.00507
13C12-PCB 156	44:36	7397474	817733	1.249	20.00	19.507553	97.54	19.507553		0.00511
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:46	3569704	729067	1.204	10.00	9.765343	97.65	9.765343		0.00530
PCB 155 (BZ)	32:00	2857587	618579	1.088	10.00	9.614807	96.15	9.614807	J	0.0187
PCB 152 (BZ)	32:21	2680329	565130	1.025	10.00	9.572696	95.73	9.572696	J	0.0198
PCB 150 (BZ)	32:28	2665611	597529	0.999	10.00	9.767902	97.68	9.767902	J	0.0203
PCB 136 (BZ)	32:57	2572253	553791	0.961	10.00	9.798516	97.99	9.798516	J	0.0211
PCB 145 (BZ)	33:11	2567727	550539	0.983	10.00	9.562366	95.62	9.562366	J	0.0207
PCB 148 (BZ)	34:34	1941109	418388	0.731	10.00	9.720812	97.21	9.720812	J	0.0278
PCB 151 (BZ)		6087203			30.00			ND	C135	0.000000
PCB 135 (BZ)		6087203			30.00			ND	C	0.000000
PCB 154 (BZ)	35:24	6087203	506366	0.749	30.00	29.751303	99.17	29.751303	C135J	0.0271
PCB 144 (BZ)	35:47	1968870	422499	0.741	10.00	9.726775	97.27	9.726775	J	0.0274
PCB 147 (BZ)	36:09	6301351	1117303	0.856	20.00	20.042282	100.21	20.042282	CJ	0.0249
PCB 149 (BZ)		6301351			20.00			ND	C147	0.000000
PCB 134 (BZ)		5194730			20.00			ND	C	0.000000
PCB 143 (BZ)	36:30	5194730	582536	0.690	20.00	20.497512	102.49	20.497512	C134J	0.0309
PCB 139 (BZ)	36:44	6051340	967506	0.814	20.00	20.240182	101.20	20.240182	CJ	0.0262
PCB 140 (BZ)		6051340			20.00			ND	C139	0.000000
PCB 131 (BZ)	36:59	2642018	550325	0.654	10.00	10.998799	109.99	10.998799	J	0.0326
PCB 142 (BZ)	37:08	2576246	531513	0.706	10.00	9.935046	99.35	9.935046	J	0.0302
PCB 132 (BZ)	37:31	2577390	530061	0.683	10.00	10.274169	102.74	10.274169	J	0.0312
PCB 133 (BZ)	37:52	2739731	587943	0.767	10.00	9.725229	97.25	9.725229	J	0.0278
PCB 165 (BZ)	38:15	3632747	749857	0.971	10.00	10.185989	101.86	10.185989	J	0.0220
PCB 146 (BZ)	38:30	3120496	684649	0.856	10.00	9.925151	99.25	9.925151	J	0.0249
PCB 161 (BZ)	38:37	4034589	833176	1.058	10.00	10.382475	103.82	10.382475	J	0.0202
PCB 153 (BZ)	39:08	7390906	1227693	1.032	20.00	19.498681	97.49	19.498681	CJ	0.0207
PCB 168 (BZ)		7390906			20.00			ND	C153	0.000000
PCB 141 (BZ)	39:22	2932397	601113	0.754	10.00	10.588603	105.89	10.588603	J	0.0283
PCB 130 (BZ)	39:47	2479268	519054	0.687	10.00	9.825485	98.25	9.825485	J	0.0311
PCB 137 (BZ)	39:59	2914465	615091	0.825	10.00	9.618164	96.18	9.618164	J	0.0259
PCB 164 (BZ)	40:08	3870338	806859	0.984	10.00	10.708806	107.09	10.708806	J	0.0217
PCB 138 (BZ)	40:25	13329789	1515459	0.879	40.00	41.287792	103.22	41.287792	C129J	0.0243

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
PCB 163 (BZ)		13329789			40.00			ND	C129	0.000000
PCB 129 (BZ)		13329789			40.00			ND	C	0.000000
PCB 160 (BZ)		13329789			40.00			ND	C129	0.000000
PCB 158 (BZ)	40:47	4385881	884365	1.146	10.00	10.419802	104.20	10.419802	J	0.0186
PCB 166 (BZ)	41:37	3769429	773982	1.046	10.00	9.811404	98.11	9.811404	J	0.0204
PCB 128 (BZ)	41:46	2767154	559992	0.729	10.00	10.334585	103.35	10.334585	J	0.0293
PCB 159 (BZ)	42:35	4004736	783692	1.062	10.00	10.266836	102.67	10.266836	J	0.0201
PCB 162 (BZ)	42:53	3871489	803623	1.046	10.00	10.077054	100.77	10.077054	J	0.0204
PCB 167 (BZ)	43:22	4055761	811799	1.109	10.00	9.819007	98.19	9.819007	J	0.0145
PCB 156 (BZ)	44:37	8203484	872178	1.130	20.00	19.627566	98.14	19.627566	CJ	0.0267
PCB 157 (BZ)		8203484			20.00			ND	C156	0.000000
PCB 169 (BZ)	47:47	4679861	850412	1.279	10.00	10.250150	102.50	10.250150	J	0.0132
Total Heptachlorobiphenyl		65362558	13093263			241.366844		241.366844	J	0.425
13C12-PCB 188	37:44	3130281	649760	1.248	10.00	9.909965	99.10	9.909965		0.00536
13C12-PCB 178	40:47	2056054	435547	0.801	10.00	10.141575	101.42	10.141575	J	0.00835
13C12-PCB 180	45:52	2531026	516067	1.000	10.00	10.000000	100.00	10.000000		0.00669
13C12-PCB 170	47:11	2064102	424576	0.842	10.00	9.685509	96.86	9.685509		0.00794
13C12-PCB 189	50:15	4019667	820419	1.623	10.00	9.961715	99.62	9.961715		0.00426
PCB 188 (BZ)	37:45	3294211	701496	1.044	10.00	10.080164	100.80	10.080164	J	0.0155
PCB 179 (BZ)	38:11	3162026	668032	1.168	10.00	10.423621	104.24	10.423621	J	0.0168
PCB 184 (BZ)	38:35	3439485	731486	1.138	10.00	11.637165	116.37	11.637165	J	0.0172
PCB 176 (BZ)	39:03	3098372	656381	1.226	10.00	9.730589	97.31	9.730589	J	0.0160
PCB 186 (BZ)	39:31	3094496	632170	1.190	10.00	10.012418	100.12	10.012418	J	0.0165
PCB 178 (BZ)	40:48	2225977	467594	0.845	10.00	10.142850	101.43	10.142850	J	0.0232
PCB 175 (BZ)	41:25	2315667	484471	0.903	10.00	9.873801	98.74	9.873801	J	0.0217
PCB 187 (BZ)	41:42	2598964	550206	0.976	10.00	10.252894	102.53	10.252894	J	0.0201
PCB 182 (BZ)	41:53	2466380	511312	0.960	10.00	9.892015	98.92	9.892015	J	0.0204
PCB 183 (BZ)	42:18	2457736	507195	0.957	10.00	9.888247	98.88	9.888247	J	0.0205
PCB 185 (BZ)	42:27	2251847	466688	0.899	10.00	9.644400	96.44	9.644400	J	0.0218
PCB 174 (BZ)	42:37	2360915	478082	0.900	10.00	10.100291	101.00	10.100291	J	0.0218
PCB 177 (BZ)	43:04	2207285	439421	0.884	10.00	9.613957	96.14	9.613957	J	0.0222
PCB 181 (BZ)	43:24	2354941	492831	0.945	10.00	9.594984	95.95	9.594984	J	0.0207
PCB 171 (BZ)		4316920			20.00			ND	C	0.000000
PCB 173 (BZ)	43:41	4316920	870812	0.829	20.00	20.050052	100.25	20.050052	C171J	0.0236
PCB 172 (BZ)	45:15	2059533	431024	0.817	10.00	9.706055	97.06	9.706055	J	0.0240
PCB 192 (BZ)	45:30	2872478	600401	1.109	10.00	9.972894	99.73	9.972894	J	0.0177
PCB 193 (BZ)	45:52	5822069	870629	1.100	20.00	20.378898	101.89	20.378898	C180J	0.0178
PCB 180 (BZ)		5822069			20.00			ND	C	0.000000
PCB 191 (BZ)	46:14	3065109	633734	1.229	10.00	9.602627	96.03	9.602627	J	0.0159
PCB 170 (BZ)	47:13	2208773	434857	1.002	10.00	10.679532	106.80	10.679532	J	0.0247
PCB 190 (BZ)	47:42	3402061	596323	1.254	10.00	10.445773	104.46	10.445773	J	0.0156
PCB 189 (BZ)	50:16	4287313	868118	1.106	10.00	9.643618	96.44	9.643618	J	0.0116
Total Octachlorobiphenyl		43085695	7641744			179.689772		179.689772	J	0.190
13C12-PCB 202	43:05	2512070	518221	1.015	10.00	9.778429	97.78	9.778429		0.00573
13C12-PCB 194	52:19	2486208	498820	1.000	10.00	10.000000	100.00	10.000000		0.00601
13C12-PCB 205	52:47	3498178	690670	1.409	10.00	9.986043	99.86	9.986043		0.00427
PCB 202 (BZ)	43:07	3724395	761141	0.962	15.00	15.411642	102.74	15.411642	J	0.0169
PCB 200 (BZ)/201 (IUPAC)	44:01	3764051	781899	1.059	15.00	14.149067	94.33	14.149067	J	0.0154
PCB 204 (BZ)	44:39	3772850	776877	0.987	15.00	15.216706	101.44	15.216706	J	0.0165

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	02:09	Initial Wt/Vol		Lims Test Code	
Anal Exp Date		Extract Vol		Method	IE3
Instrument	M1D	Dil Factor	1.0	Code	IE3
Analyst	DCG				

Analyte	RT	Area	Height	RF	Std Amt	Amount	Rec	Conc (ng/mL)		DL (ng/mL)
PCB 197 (BZ)	44:54	3902019	807885	1.022	15.00	15.198711	101.32	15.198711	J	0.0159
PCB 199 (BZ)/200 (IUPAC)	45:05	3684980	766293	1.012	15.00	14.495156	96.63	14.495156	J	0.0161
PCB 198 (BZ)		5535197		0.722	30.00	30.518568	101.73	30.518568	CJ	0.0225
PCB 201 (BZ)/199 (IUPAC)	47:50	5535197	647394		30.00			ND	C198	0.000000
PCB 196 (BZ)	48:28	2744688	560275	0.745	15.00	14.665774	97.77	14.665774	J	0.0218
PCB 203 (BZ)	48:40	3141535	625257	0.810	15.00	15.439213	102.93	15.439213	J	0.0201
PCB 195 (BZ)	50:03	3601705	719104	0.723	15.00	14.240589	94.94	14.240589	J	0.0169
PCB 194 (BZ)	52:20	4053493	816476	0.774	15.00	14.970854	99.81	14.970854	J	0.0158
PCB 205 (BZ)	52:48	5160782	1026537	0.959	15.00	15.383495	102.56	15.383495	J	0.0127
Total Nonachlorobiphenyl		11327609	2266796			43.303438		43.303438	J	0.0270
13C12-PCB 208	49:42	2825074	587137	1.171	10.00	9.703658	97.04	9.703658		0.00672
13C12-PCB 206	54:29	2025860	409061	0.828	10.00	9.841054	98.41	9.841054		0.00950
PCB 208 (BZ)	49:43	4160378	835355	0.985	15.00	14.950879	99.67	14.950879	J	0.00821
PCB 207 (BZ)	50:38	4007056	799812	1.214	15.00	13.608534	90.72	13.608534	J	0.00786
PCB 206 (BZ)	54:30	3160175	631629	1.058	15.00	14.744024	98.29	14.744024	J	0.0110
13C12-PCB 209	56:03	2329384	428127	0.943	10.00	9.935551	99.36	9.935551		0.00643
PCB 209 (BZ)	56:05	3388745	621008	1.000	15.00	14.547816	96.99	14.547816	J	0.00782

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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	225	195	90	78	1.15 *	/
	PCB 1 (BZ)	12:11	00:00	0	2639667	815544	1082482	334075	3.24	AVV/AVV
	PCB 2 (BZ)	14:13	00:00	0	2557570	797603	812942	259430	3.21	ABV/ABV
	PCB 3 (BZ)	14:24	00:00	0	2596053	806268	910648	290544	3.22	AVB/AVB
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60	
	Noise	00:00	00:00	0	268	365	107	146	0.73 *	/
	13C12-PCB 1	12:11	00:00	0	4432699	1375072	1674353	508713	3.22	AVV/AVV
	13C12-PCB 3	14:23	00:00	0	4475020	1390088	1487295	476625	3.22	ABV/AVV
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79	
	Noise	00:00	00:00	0	380	493	152	197	0.77 *	/
	PCB 4 (BZ)	14:42	00:00	0	931408	586860	294173	178002	1.59	ABV/AVV
	PCB 10 (BZ)	14:51	00:00	0	1411202	888373	468323	293456	1.59	AVV/AVV
	PCB 9 (BZ)	16:39	00:00	0	1472623	936358	438620	280498	1.57	ABV/ABV
	PCB 7 (BZ)	16:48	00:00	0	1500022	946608	441931	280106	1.58	AVV/AVV
	PCB 6 (BZ)	17:05	00:00	0	1460734	924152	401514	258631	1.58	AVV/AVV
	PCB 5 (BZ)	17:24	00:00	0	1409145	883217	391810	246189	1.60	AVV/AVV
	PCB 8 (BZ)	17:31	00:00	0	1508451	957793	448562	287244	1.57	AVB/AVB
	PCB 14 (BZ)	19:07	00:00	0	1462564	922902	405469	254843	1.58	ABV/AVV
	PCB 11 (BZ)	20:01	00:00	0	1380299	862192	354262	218337	1.60	ABV/ABV
	PCB 13 (BZ)	20:19	00:00	0	2993951	1866547	562584	355326	1.60	AVV/AVV
	PCB 15 (BZ)	20:40	00:00	0	1578406	1000143	390553	255992	1.58	AVV/AVV
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79	
	Noise	00:00	00:00	0	495	278	198	111	1.78	/
	13C12-PCB 4	14:41	00:00	0	1610201	1005046	526025	324113	1.60	ABV/ABV
	13C12-PCB 9	16:38	00:00	0	2620079	1621370	767188	483815	1.62	AVV/ABV
	13C12-PCB 8	17:30	00:00	0	2777855	1725492	793591	499340	1.61	AVV/AVV
	13C12-PCB 15	20:38	00:00	0	2755528	1717740	690167	428267	1.60	ABV/ABV
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20	
	Noise	00:00	00:00	0	433	478	173	191	0.91	/
	PCB 19 (BZ)	17:53	00:00	0	539051	518401	154874	148644	1.04	ABV/ABV
	PCB 30 (BZ)	19:36	00:00	0	830031	786737	227371	208730	1.06	ABV/ABV
	PCB 18 (BZ)	19:44	00:00	0	563030	528608	152926	139689	1.07	AVV/AVB
	PCB 17 (BZ)	20:08	00:00	0	597549	548312	161105	147801	1.09	ABV/ABV
	PCB 27 (BZ)	20:23	00:00	0	838810	787247	218668	205430	1.07	AVV/AVV
	PCB 24 (BZ)	20:29	00:00	0	829392	774492	215918	204256	1.07	AVV/AVV
	PCB 16 (BZ)	20:40	00:00	0	506268	477051	127278	120661	1.06	AVB/AVV
	PCB 32 (BZ)	21:08	00:00	0	935956	863522	235421	220768	1.08	ABV/ABV
	PCB 34 (BZ)	22:21	00:00	0	1620640	1491140	407223	367745	1.09	ABV/ABV
	PCB 23 (BZ)	22:29	00:00	0	1665997	1556609	416024	386651	1.07	AVV/AVB
	PCB 29 (BZ)	22:49	00:00	0	3419935	3175798	791059	738334	1.08	ABV/ABV
	PCB 25 (BZ)	23:03	00:00	0	2008563	1869526	436653	406127	1.07	AVV/AVV
	PCB 31 (BZ)	23:24	00:00	0	1778162	1664259	426487	400077	1.07	AVV/AVV
	PCB 28 (BZ)	23:41	00:00	0	3389569	3149458	430952	404648	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

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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 21 (BZ)	23:52	00:00	0	3528157	3260382	436582	416400	1.08	AVV/AVV
	PCB 22 (BZ)	24:22	00:00	0	1658120	1537245	395619	370512	1.08	AVV/AVV
	PCB 36 (BZ)	25:51	00:00	0	1871742	1709980	402599	371774	1.09	AVV/AVV
	PCB 39 (BZ)	26:14	00:00	0	1851690	1711126	409996	381369	1.08	AVV/AVV
	PCB 38 (BZ)	26:49	00:00	0	1737391	1611173	380343	356727	1.08	AVV/AVV
	PCB 35 (BZ)	27:19	00:00	0	1586135	1470757	366889	341621	1.08	AVV/AVV
	PCB 37 (BZ)	27:45	00:00	0	1748255	1587022	388119	359949	1.10	AVV/AVV
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20	
	Noise	00:00	00:00	0	615	358	246	143	1.72 *	/
	13C12-PCB 19	17:52	00:00	0	957676	874961	275409	248581	1.09	AVV/AVV
	13C12-PCB 32	21:07	00:00	0	1660977	1537239	428649	393676	1.08	AVV/ABV
	13C12-PCB 31	23:21	00:00	0	3167738	2992296	753669	733899	1.06	ABV/ABV
	13C12-PCB 28	23:38	00:00	0	3019390	2893812	697499	670544	1.04	AVV/AVV
	13C12-PCB 37	27:44	00:00	0	2807203	2647038	634217	605277	1.06	AVV/ABV
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89	
	Noise	00:00	00:00	0	613	483	245	193	1.27 *	/
	PCB 54 (BZ)	21:02	00:00	0	1001474	1278160	259656	337222	0.78	ABV/ABB
	PCB 50 (BZ)	23:08	00:00	0	2970843	3799929	515495	648726	0.78	AVV/ABV
	PCB 45 (BZ)	23:52	00:00	0	2899413	3687852	509870	641005	0.79	AVV/AVV
	PCB 46 (BZ)	24:11	00:00	0	1289016	1628443	299994	377823	0.79	AVV/AVV
	PCB 52 (BZ)	25:32	00:00	0	1462231	1874556	360154	466395	0.78	ABV/ABV
	PCB 73 (BZ)	25:39	00:00	0	3223127	4086734	461057	594110	0.79	AVV/AVV
	PCB 69 (BZ)	25:54	00:00	0	1953401	2482331	463121	604516	0.79	AVV/AVV
	PCB 49 (BZ)	26:00	00:00	0	1575592	1978491	373525	466025	0.80	AVB/AVB
	PCB 48 (BZ)	26:17	00:00	0	1486842	1898498	337056	438802	0.78	ABV/ABV
	PCB 65 (BZ)	26:32	00:00	0	5054127	6458060	803622	1026880	0.78	AVV/AVV
	PCB 62 (BZ)	26:49	00:00	0	6251055	7928857	671955	847848	0.79	AVV/AVV
	PCB 42 (BZ)	27:05	00:00	0	1439492	1835678	332542	426192	0.78	AVB/AVB
	PCB 41 (BZ)	27:28	00:00	0	1180668	1509935	280760	345356	0.78	ABV/ABV
	PCB 71 (BZ)	27:35	00:00	0	3243767	4176330	548771	723989	0.78	AVV/AVV
	PCB 64 (BZ)	27:47	00:00	0	2167033	2765123	491982	647066	0.78	AVV/AVV
	PCB 72 (BZ)	28:33	00:00	0	2090544	2643352	470626	597014	0.79	ABV/ABV
	PCB 68 (BZ)	28:49	00:00	0	2199625	2791019	481168	630532	0.79	AVV/AVV
	PCB 57 (BZ)	29:16	00:00	0	1950739	2487120	444767	565694	0.78	ABV/ABV
	PCB 58 (BZ)	29:32	00:00	0	2125619	2693049	459583	589379	0.79	AVV/AVV
	PCB 67 (BZ)	29:40	00:00	0	2206587	2806421	488012	628113	0.79	AVV/AVV
	PCB 63 (BZ)	29:56	00:00	0	2142710	2762492	446454	571952	0.78	AVV/AVV
	PCB 61 (BZ)	30:10	00:00	0	1909240	2465354	425098	544360	0.77	AVV/AVV
	PCB 70 (BZ)	30:19	00:00	0	6438674	8199982	1290419	1627194	0.79	AVB/AVB
	PCB 66 (BZ)	30:38	00:00	0	2074090	2635524	452888	574123	0.79	ABV/ABV
	PCB 55 (BZ)	30:50	00:00	0	1861208	2437641	425130	544588	0.76	AVB/AVB
	PCB 56 (BZ)	31:22	00:00	0	2025022	2550794	439408	554980	0.79	ABV/ABV
	PCB 60 (BZ)	31:33	00:00	0	2018949	2542449	448955	561055	0.79	AVV/AVV
	PCB 80 (BZ)	31:50	00:00	0	2361048	2979814	509462	633229	0.79	AVV/AVV

Notes:
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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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 79 (BZ)	33:26	00:00	0	2305855	2900376	485830	608035	0.80	ABV/ABV
	PCB 78 (BZ)	34:00	00:00	0	2006986	2525149	417979	525014	0.79	ABV/ABV
	PCB 81 (BZ)	34:29	00:00	0	2124770	2623260	418980	529356	0.81	AVV/AVV
	PCB 77 (BZ)	35:04	00:00	0	1894069	2462597	403837	514429	0.77	AVB/ABV
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89	
	Noise	00:00	00:00	0	190	180	76	72	1.06 *	/
	13C12-PCB 54	21:01	00:00	0	821280	1017768	209129	257691	0.81	ABV/ABV
	13C12-PCB 52	25:31	00:00	0	1335701	1668054	306695	377786	0.80	ABV/ABV
	13C12-PCB 79	33:25	00:00	0	1897035	2416879	409719	521087	0.78	ABV/ABV
	13C12-PCB 81	34:28	00:00	0	1678540	2129779	345998	439334	0.79	ABV/ABV
	13C12-PCB 77	35:03	00:00	0	1743808	2166424	365317	449437	0.80	ABV/ABV
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78	
	Noise	00:00	00:00	0	685	460	274	184	1.49	/
	PCB 104 (BZ)	26:28	00:00	0	2011121	1255067	455640	282767	1.60	ABV/ABV
	PCB 96 (BZ)	26:56	00:00	0	1917713	1198974	431794	268856	1.60	AVV/AVV
	PCB 103 (BZ)	28:43	00:00	0	1527605	963206	348677	217524	1.59	ABV/ABV
	PCB 94 (BZ)	29:00	00:00	0	1300800	802269	288583	181495	1.62	AVV/AVV
	PCB 95 (BZ)	29:34	00:00	0	2941018	1851581	357315	227422	1.59	MBV/MVV
	PCB 93 (BZ)	29:40	00:00	0	1346214	838692	286483	179540	1.61	MVV/MVV
	PCB 102 (BZ)	29:49	00:00	0	2890060	1818190	388366	245655	1.59	AVB/AVB
	PCB 88 (BZ)	30:12	00:00	0	1279333	804527	287506	178846	1.59	ABV/ABV
	PCB 91 (BZ)	30:19	00:00	0	1474135	931922	328080	200166	1.58	AVB/AVB
	PCB 84 (BZ)	30:37	00:00	0	1232091	780830	265590	166602	1.58	ABB/ABB
	PCB 89 (BZ)	31:05	00:00	0	1271936	789108	264366	170605	1.61	ABV/ABV
	PCB 121 (BZ)	31:18	00:00	0	1969405	1240716	441141	280179	1.59	AVB/AVB
	PCB 92 (BZ)	31:45	00:00	0	1366311	866827	299659	191462	1.58	ABB/ABB
	PCB 113 (BZ)	32:19	00:00	0	4952932	3114569	895741	561503	1.59	ABV/ABV
	PCB 83 (BZ)	32:53	00:00	0	2758694	1728388	511596	323149	1.60	ABV/ABV
	PCB 112 (BZ)	33:02	00:00	0	1956313	1236949	416138	271690	1.58	AVB/AVB
	PCB 109 (BZ)/108 (IUPAC	33:22	00:00	0	9986947	6291737	813125	507594	1.59	ABB/ABB
	PCB 117 (BZ)	34:03	00:00	0	5139706	3248709	443425	289438	1.58	ABV/ABV
	PCB 110 (BZ)	34:22	00:00	0	4029357	2525462	861468	546629	1.60	AVB/AVV
	PCB 82 (BZ)	34:45	00:00	0	1079572	688280	240452	154405	1.57	ABV/ABV
	PCB 111 (BZ)	34:57	00:00	0	1978205	1238486	438790	275630	1.60	AVB/AVB
	PCB 120 (BZ)	35:25	00:00	0	2141699	1351054	444694	285456	1.59	AVB/AVB
	PCB 108 (BZ)/107 (IUPAC	36:38	00:00	0	5661330	3513381	1183409	730399	1.61	ABV/AVV
	PCB 107 (BZ)/109 (IUPAC	36:52	00:00	0	2935702	1814950	658334	409630	1.62	AVV/AVV
	PCB 123 (BZ)	36:59	00:00	0	3032201	1867907	632672	385124	1.62	AVV/AVV
	PCB 106 (BZ)	37:07	00:00	0	2841166	1777497	575477	360873	1.60	AVV/AVV
	PCB 118 (BZ)	37:18	00:00	0	2841513	1746849	621180	380588	1.63	AVB/AVV
	PCB 122 (BZ)	37:42	00:00	0	2746815	1694126	582395	349202	1.62	ABV/ABV
	PCB 114 (BZ)	37:51	00:00	0	3040895	1883263	612474	386727	1.61	AVB/AVV
	PCB 105 (BZ)	38:33	00:00	0	3130552	1921485	632082	391989	1.63	ABB/ABB
	PCB 127 (BZ)	39:56	00:00	0	3043368	1894350	625540	383765	1.61	AVV/AVV

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration Flags
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78	
	PCB 126 (BZ)	41:36	00:00	0	2983126	1834660	597717	362560	1.63	AVV/AVV
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78	
	Noise	00:00	00:00	0	228	215	91	86	1.06 *	/
	13C12-PCB 104	26:26	00:00	0	1842100	1131646	428041	263100	1.63	ABV/ABV
	13C12-PCB 95	29:28	00:00	0	1378401	863478	315265	190777	1.60	ABV/ABV
	13C12-PCB 101	32:19	00:00	0	1440603	876860	312707	187270	1.64	ABV/ABV
	13C12-PCB 111	34:56	00:00	0	1801021	1132931	383954	241747	1.59	ABV/ABV
	13C12-PCB 123	36:57	00:00	0	2710107	1705876	558764	352796	1.59	ABV/ABV
	13C12-PCB 118	37:17	00:00	0	2825307	1748014	591335	365394	1.62	AVV/AVV
	13C12-PCB 114	37:49	00:00	0	2785877	1697133	555003	343491	1.64	AVV/AVV
	13C12-PCB 105	38:32	00:00	0	2703825	1668393	562618	337975	1.62	AVV/ABV
	13C12-PCB 127	39:55	00:00	0	2801670	1734692	569644	354554	1.62	ABV/AVV
	13C12-PCB 126	41:35	00:00	0	2751628	1747235	565935	359232	1.57	ABV/ABV
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43	
	Noise	00:00	00:00	0	640	595	256	238	1.08	/
	PCB 155 (BZ)	32:00	00:00	0	1593750	1263837	345619	272960	1.26	ABV/ABV
	PCB 152 (BZ)	32:21	00:00	0	1490795	1189534	311201	253929	1.25	AVV/AVV
	PCB 150 (BZ)	32:28	00:00	0	1491766	1173845	337296	260233	1.27	AVB/AVB
	PCB 136 (BZ)	32:57	00:00	0	1440659	1131594	313461	240330	1.27	ABV/ABV
	PCB 145 (BZ)	33:11	00:00	0	1438204	1129523	306822	243717	1.27	AVB/AVV
	PCB 148 (BZ)	34:34	00:00	0	1081854	859255	233868	184520	1.26	ABV/ABB
	PCB 154 (BZ)	35:24	00:00	0	3413949	2673254	283758	222608	1.28	AVV/AVV
	PCB 144 (BZ)	35:47	00:00	0	1105918	862952	243068	179431	1.28	AVB/AVB
	PCB 147 (BZ)	36:09	00:00	0	3491571	2809780	614072	503231	1.24	ABV/ABV
	PCB 143 (BZ)	36:30	00:00	0	2878561	2316169	325028	257508	1.24	AVV/AVV
	PCB 139 (BZ)	36:44	00:00	0	3370571	2680769	535737	431769	1.26	AVV/AVV
	PCB 131 (BZ)	36:59	00:00	0	1452295	1189723	304088	246237	1.22	AVV/AVV
	PCB 142 (BZ)	37:08	00:00	0	1427435	1148811	295762	235751	1.24	AVB/AVB
	PCB 132 (BZ)	37:31	00:00	0	1444480	1132910	296926	233135	1.28	ABB/ABB
	PCB 133 (BZ)	37:52	00:00	0	1524521	1215210	323574	264369	1.25	ABB/ABB
	PCB 165 (BZ)	38:15	00:00	0	2020006	1612741	411637	338220	1.25	ABV/ABV
	PCB 146 (BZ)	38:30	00:00	0	1755657	1364839	384962	299687	1.29	AVV/AVV
	PCB 161 (BZ)	38:37	00:00	0	2260286	1774303	465438	367738	1.27	AVB/AVB
	PCB 153 (BZ)	39:08	00:00	0	4115437	3275469	678476	549217	1.26	ABV/ABV
	PCB 141 (BZ)	39:22	00:00	0	1608279	1324118	332774	268339	1.21	AVV/AVV
	PCB 130 (BZ)	39:47	00:00	0	1384173	1095095	285394	233660	1.26	ABV/ABV
	PCB 137 (BZ)	39:59	00:00	0	1610400	1304065	341374	273717	1.23	AVV/AVV
	PCB 164 (BZ)	40:08	00:00	0	2147781	1722557	449821	357038	1.25	AVB/AVV
	PCB 138 (BZ)	40:25	00:00	0	7414760	5915029	845027	670432	1.25	ABV/AVV
	PCB 158 (BZ)	40:47	00:00	0	2455874	1930007	490823	393542	1.27	AVB/AVB
	PCB 166 (BZ)	41:37	00:00	0	2095237	1674192	425254	348728	1.25	ABV/ABV
	PCB 128 (BZ)	41:46	00:00	0	1539537	1227617	311536	248456	1.25	AVV/AVV
	PCB 159 (BZ)	42:35	00:00	0	2232918	1771818	441673	342019	1.26	ABV/ABB
	PCB 162 (BZ)	42:53	00:00	0	2153938	1717551	446252	357371	1.25	AVV/ABV

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IsoCalc

Workorder	2990:74	Prep Batch		Lot No	
Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	PCB 167 (BZ)	43:22	00:00	0	2258697	1797064	450001	361798	1.26	ABB/ABB	
	PCB 156 (BZ)	44:37	00:00	0	4588901	3614583	488914	383264	1.27	ABV/AVV	
	PCB 169 (BZ)	47:47	00:00	0	2682593	1997268	481993	368419	1.34	AVV/ABV	
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	203	198	81	79	1.03 *	/	
	13C12-PCB 155	31:59	00:00	0	1535322	1196359	343144	264537	1.28	ABV/ABV	
	13C12-PCB 153	39:05	00:00	0	1739611	1370988	369841	296468	1.27	ABV/ABV	
	13C12-PCB 138	40:24	00:00	0	1716030	1320085	355165	271799	1.30	ABV/ABV	
	13C12-PCB 167	43:21	00:00	0	2095682	1628863	435414	332885	1.29	ABV/ABV	
	13C12-PCB 156	44:36	00:00	0	4156593	3240881	463784	353949	1.28	ABV/AVV	M
	13C12-PCB 169	47:46	00:00	0	2026395	1543309	412759	316308	1.31	ABV/ABV	
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	470	583	188	233	0.81 *	/	
	PCB 188 (BZ)	37:45	00:00	0	1679791	1614420	357266	344230	1.04	ABV/ABV	
	PCB 179 (BZ)	38:11	00:00	0	1636911	1525115	345048	322984	1.07	AVV/AVV	
	PCB 184 (BZ)	38:35	00:00	0	1773482	1666003	383227	348259	1.06	AVV/AVV	
	PCB 176 (BZ)	39:03	00:00	0	1583524	1514848	338456	317925	1.05	AVV/AVV	
	PCB 186 (BZ)	39:31	00:00	0	1574000	1520496	321397	310773	1.04	AVV/AVV	
	PCB 178 (BZ)	40:48	00:00	0	1144681	1081296	242267	225327	1.06	ABV/ABV	
	PCB 175 (BZ)	41:25	00:00	0	1186964	1128703	244417	240054	1.05	ABV/ABV	
	PCB 187 (BZ)	41:42	00:00	0	1323834	1275130	281568	268638	1.04	AVV/AVV	
	PCB 182 (BZ)	41:53	00:00	0	1258885	1207495	259750	251562	1.04	AVB/AVV	
	PCB 183 (BZ)	42:18	00:00	0	1254502	1203234	256026	251169	1.04	ABV/ABV	
	PCB 185 (BZ)	42:27	00:00	0	1160822	1091025	238661	228027	1.06	AVV/AVV	
	PCB 174 (BZ)	42:37	00:00	0	1214478	1146437	246686	231396	1.06	AVB/AVB	
	PCB 177 (BZ)	43:04	00:00	0	1128060	1079225	225364	214057	1.05	ABB/ABB	
	PCB 181 (BZ)	43:24	00:00	0	1208959	1145982	254623	238208	1.05	ABV/ABV	
	PCB 173 (BZ)	43:41	00:00	0	2212924	2103996	451963	418849	1.05	AVB/AVB	
	PCB 172 (BZ)	45:15	00:00	0	1061452	998081	224530	206494	1.06	AVB/ABB	
	PCB 192 (BZ)	45:30	00:00	0	1471448	1401030	302922	297479	1.05	ABB/ABB	
	PCB 193 (BZ)	45:52	00:00	0	2973241	2848828	440974	429655	1.04	ABV/ABV	
	PCB 191 (BZ)	46:14	00:00	0	1569828	1495281	324960	308774	1.05	AVV/AVB	
	PCB 170 (BZ)	47:13	00:00	0	1122090	1086683	218787	216070	1.03	ABV/ABV	
	PCB 190 (BZ)	47:42	00:00	0	1731459	1670602	301629	294694	1.04	ABV/ABV	
	PCB 189 (BZ)	50:16	00:00	0	2218330	2068983	442011	426107	1.07	AVV/AVV	
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	185	160	74	64	1.16	/	
	13C12-PCB 188	37:44	00:00	0	1623636	1506645	333586	316174	1.08	ABV/ABV	
	13C12-PCB 178	40:47	00:00	0	1064450	991604	225800	209747	1.07	ABV/ABV	
	13C12-PCB 180	45:52	00:00	0	1317449	1213577	270528	245539	1.09	ABV/ABV	
	13C12-PCB 170	47:11	00:00	0	1052534	1011568	216073	208503	1.04	AVV/ABV	
	13C12-PCB 189	50:15	00:00	0	2051021	1968646	422159	398260	1.04	ABV/AVV	
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		

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Data File	/20070313i/a070313ss.d	Prep Date		SDG No	
Analysis ID	96224	Prep Exp Date		Date Received	
Analysis Date	03/14/07 02:09	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

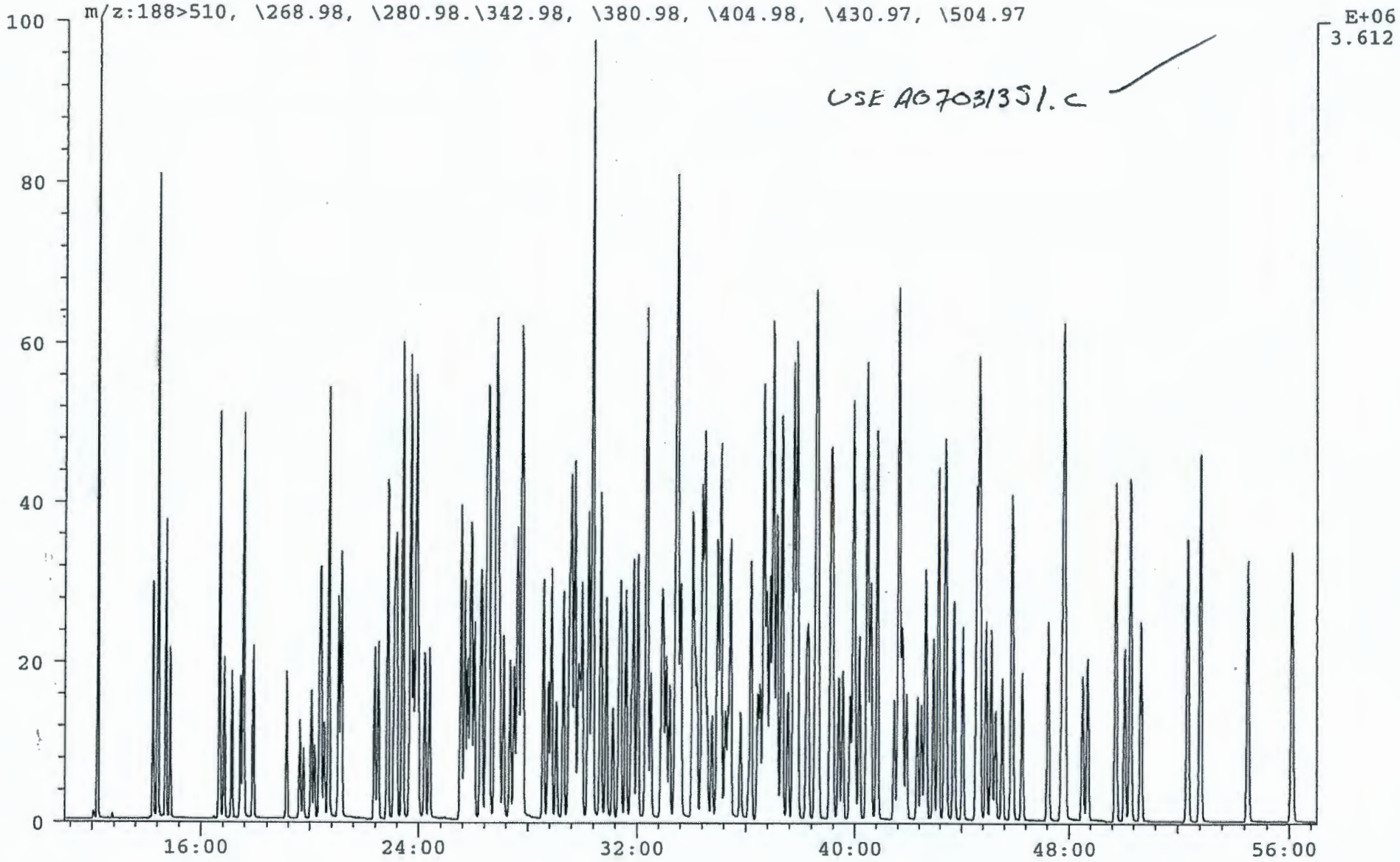
View Small Peaks? False View deleted peaks? False

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**		
	Noise	00:00	00:00	0	453	390	181	156	1.16 *	/	
	PCB 202 (BZ)	43:07	00:00	0	1767742	1956653	366029	395112	0.90	ABV/ABV	
	PCB 200 (BZ)/201 (IUPAC	44:01	00:00	0	1772475	1991576	366937	414962	0.89	ABB/ABV	
	PCB 204 (BZ)	44:39	00:00	0	1793202	1979648	371962	404915	0.91	ABV/ABV	
	PCB 197 (BZ)	44:54	00:00	0	1856629	2045390	385427	422458	0.91	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:05	00:00	0	1747303	1937677	358528	407765	0.90	AVB/AVB	
	PCB 201 (BZ)/199 (IUPAC	47:50	00:00	0	2632563	2902634	307338	340056	0.91	ABV/ABV	M
	PCB 196 (BZ)	48:28	00:00	0	1297147	1447541	268625	291650	0.90	ABV/AVV	
	PCB 203 (BZ)	48:40	00:00	0	1494316	1647219	303699	321558	0.91	AVB/AVV	
	PCB 195 (BZ)	50:03	00:00	0	1696745	1904960	343169	375935	0.89	ABV/ABV	
	PCB 194 (BZ)	52:20	00:00	0	1913120	2140373	384580	431896	0.89	ABV/ABV	
	PCB 205 (BZ)	52:48	00:00	0	2431665	2729117	485211	541326	0.89	AVV/ABV	
440					**439.8038**	**441.8008**	**439.8038**	**441.8008**	**0.76-1.02**		
	Noise	00:00	00:00	0	148	153	59	61	0.97	/	
	13C12-PCB 202	43:05	00:00	0	1203112	1308958	245978	272243	0.92	ABV/ABV	
	13C12-PCB 194	52:19	00:00	0	1199533	1286675	241054	257766	0.93	ABV/ABV	
	13C12-PCB 205	52:47	00:00	0	1658473	1839705	329710	360960	0.90	ABV/AVV	
462					**461.7246**	**463.7216**	**461.7246**	**463.7216**	**0.65-0.89**		
	Noise	00:00	00:00	0	248	228	99	91	1.09 *	/	
	PCB 208 (BZ)	49:43	00:00	0	1816786	2343592	365449	469906	0.78	ABV/ABV	
	PCB 207 (BZ)	50:38	00:00	0	1760592	2246464	347970	451842	0.78	ABV/AVV	
	PCB 206 (BZ)	54:30	00:00	0	1396397	1763778	276739	354890	0.79	ABV/ABV	
474					**473.7648**	**475.7619**	**473.7648**	**475.7619**	**0.65-0.89**		
	Noise	00:00	00:00	0	198	195	79	78	1.01 *	/	
	13C12-PCB 208	49:42	00:00	0	1251660	1573414	259484	327653	0.80	AVV/AVV	
	13C12-PCB 206	54:29	00:00	0	900333	1125527	177332	231729	0.80	AVV/ABV	
496					**495.6856**	**497.6826**	**495.6856**	**497.6826**	**0.59-0.79**		
	Noise	00:00	00:00	0	163	173	65	69	0.94 *	/	
	PCB 209 (BZ)	56:05	00:00	0	1390096	1998649	257273	363735	0.70	ABV/ABV	
508					**507.7258**	**509.7229**	**507.7258**	**509.7229**	**0.59-0.79**		
	Noise	00:00	00:00	0	153	150	61	60	1.02 *	/	
	13C12-PCB 209	56:03	00:00	0	976214	1353170	179911	248216	0.72	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

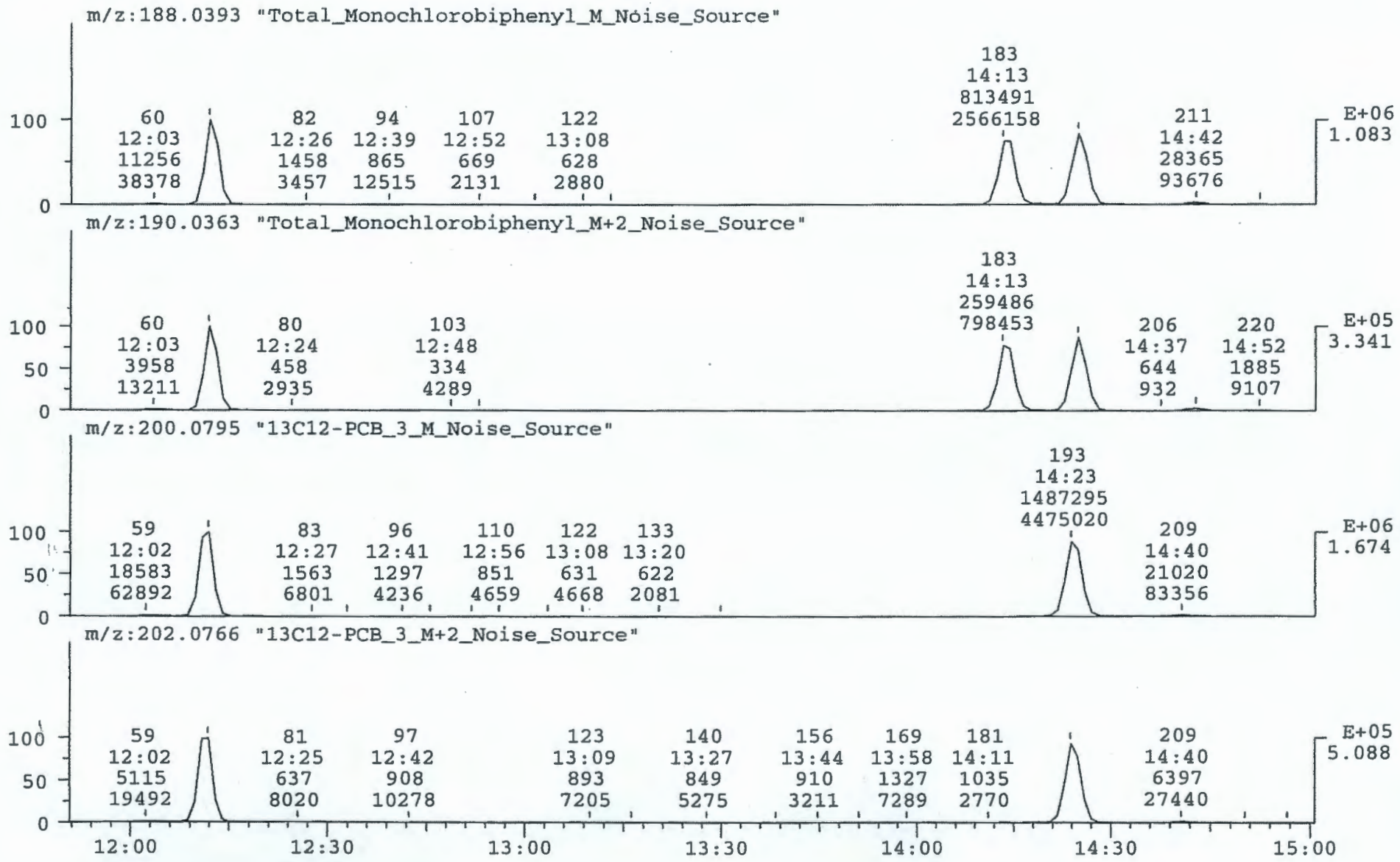
CHRO:	a070313ss	14-Mar-07	Elapse:	40:53	1688
Samp:	Vial 9 WO=2990:74 Meth=IE3 Dil=1		Start :	02:09:24	2600
Comm:	Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i				
Mode:	EI +VE +LMR ESCAN LR NRM		Study :	ICAL SS	
Oper:	DCG	Client: STL Knoxville	Inlet :	GC	Vial 9
Peak:	100.00 ppm	Label wndw: 2 > 2600	Masses:	181 > 510	
Area:	5, 0.50, 0	Baseline : 100, 3	Label :	0, 0.0	
Disp:	Height Area				

Int DCS 3-14-07
Calib DCS 3-22-07
DC KPW 3/26/07

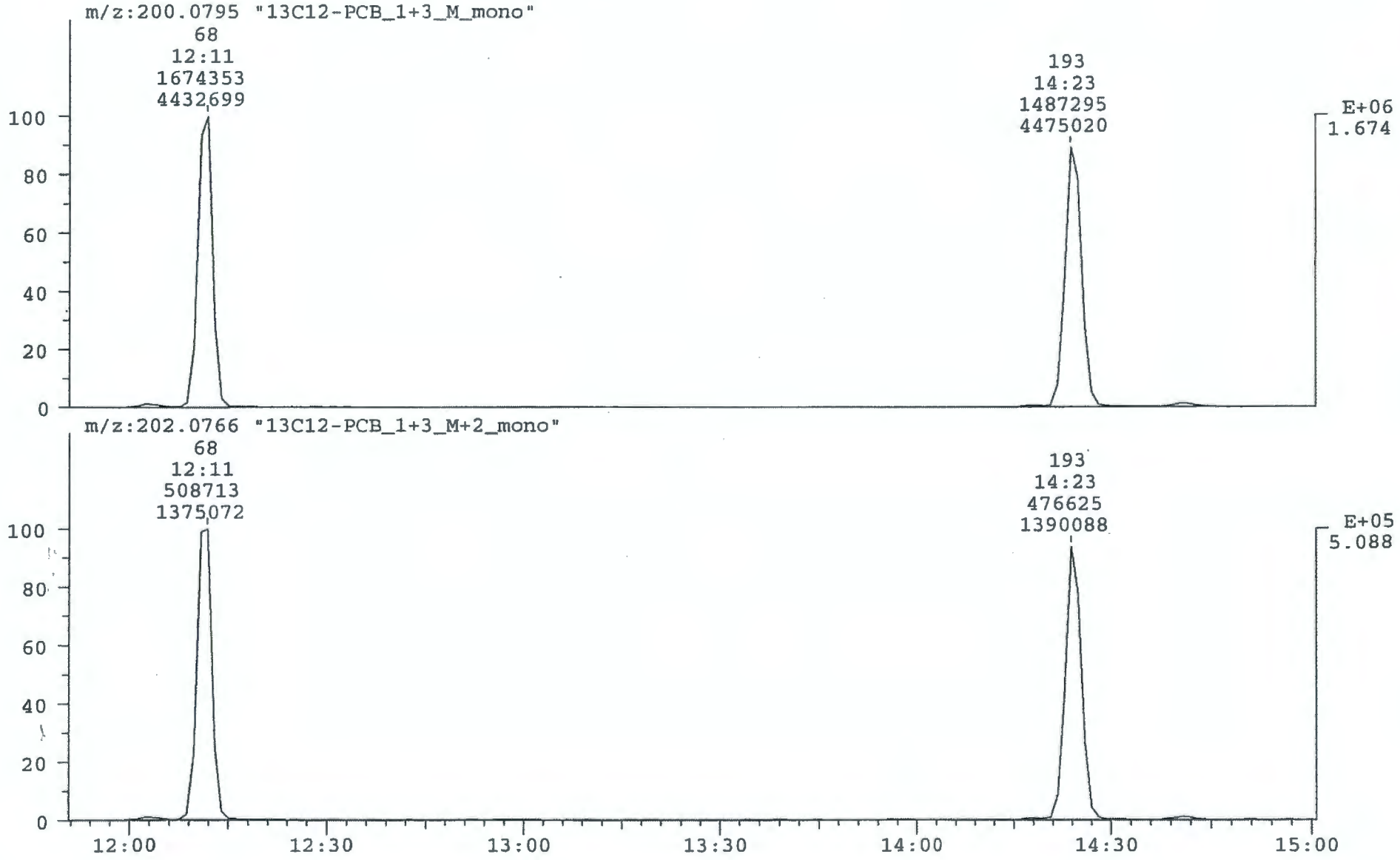


USE A0703131.c

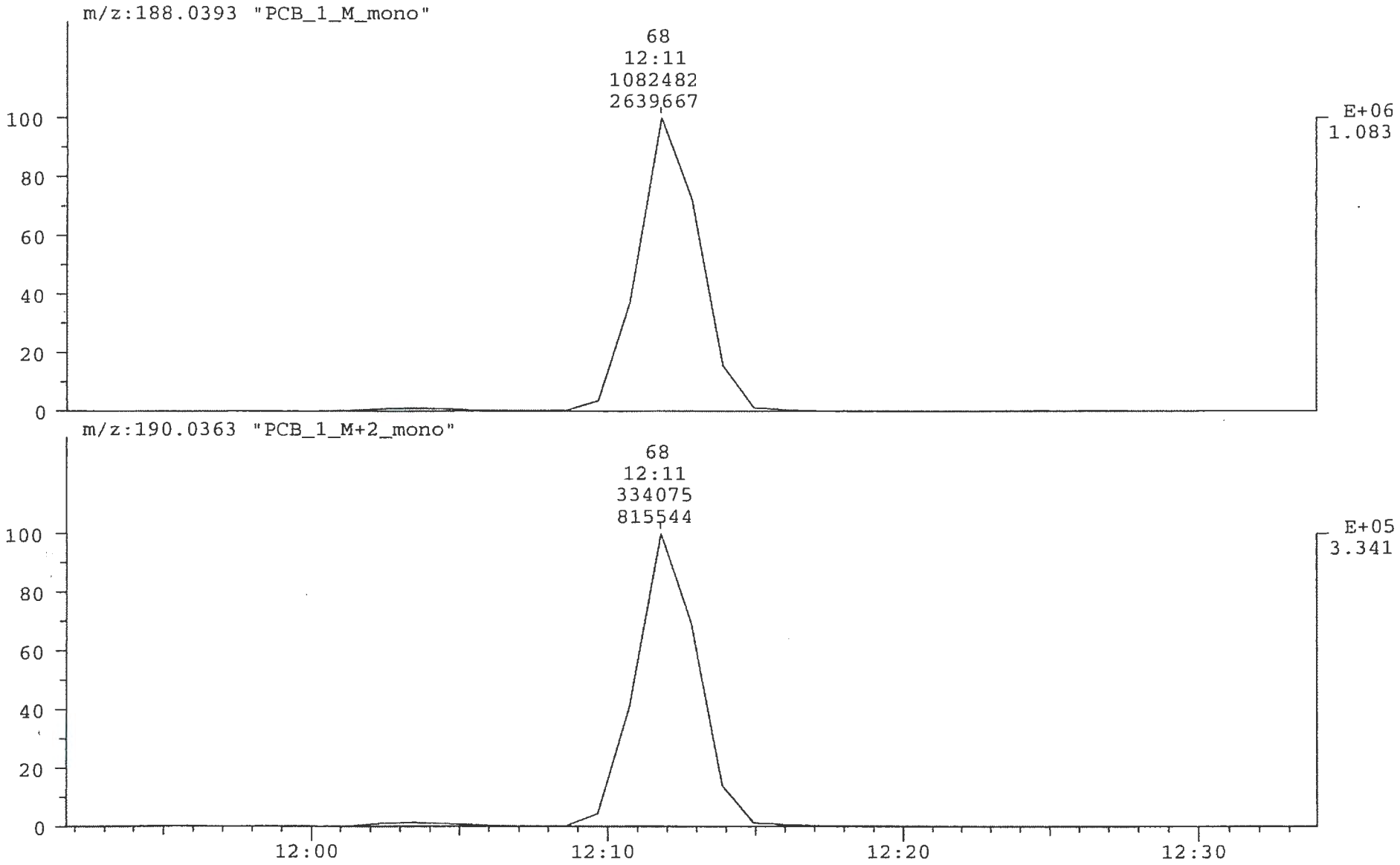
CHRO: a070313ss 14-Mar-07 Elapse: 13:25.7 138
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 48 > 228 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



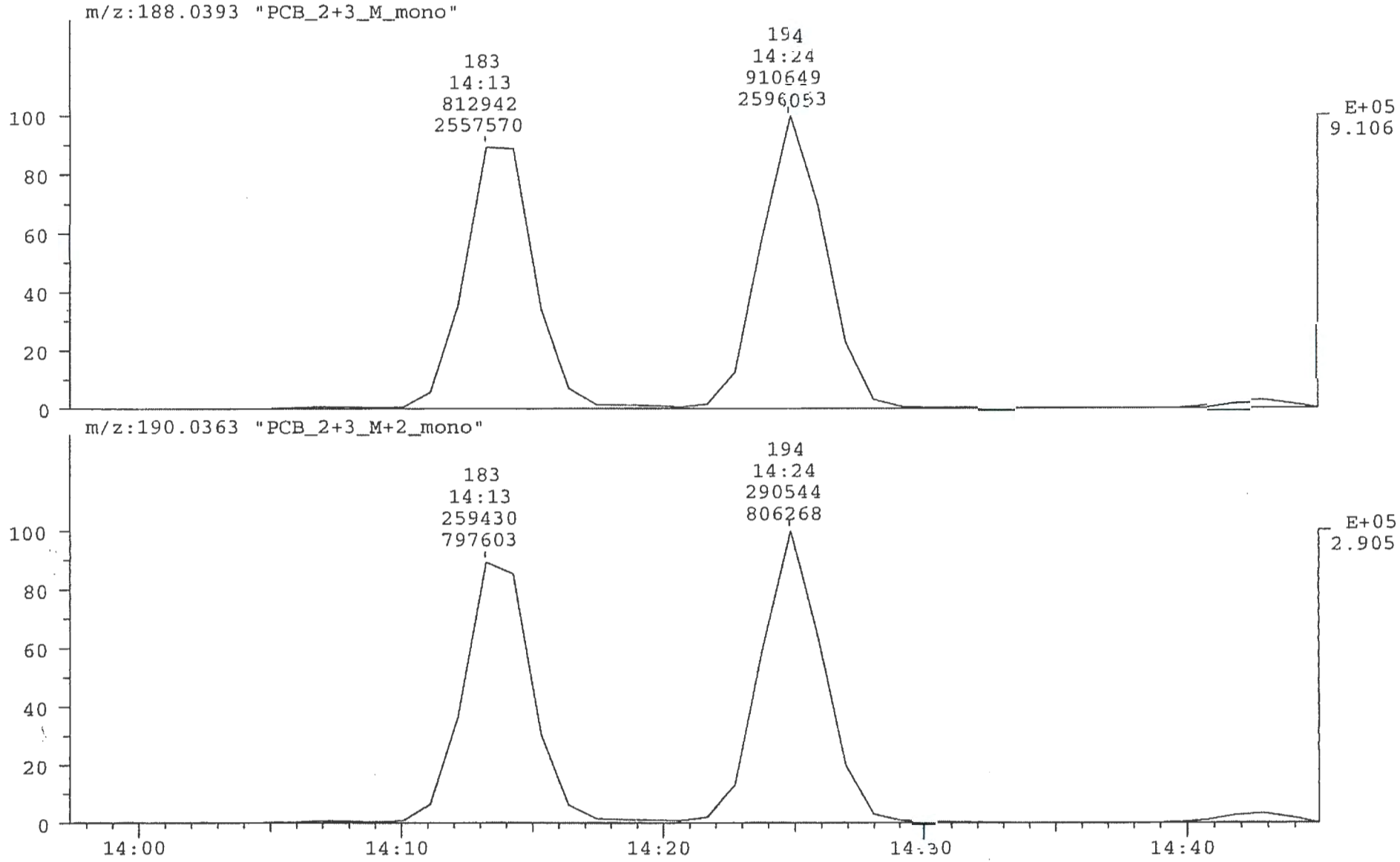
```
CHRO:  a070313ss                                14-Mar-07  Elapse:  13:25.7      138
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
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
```



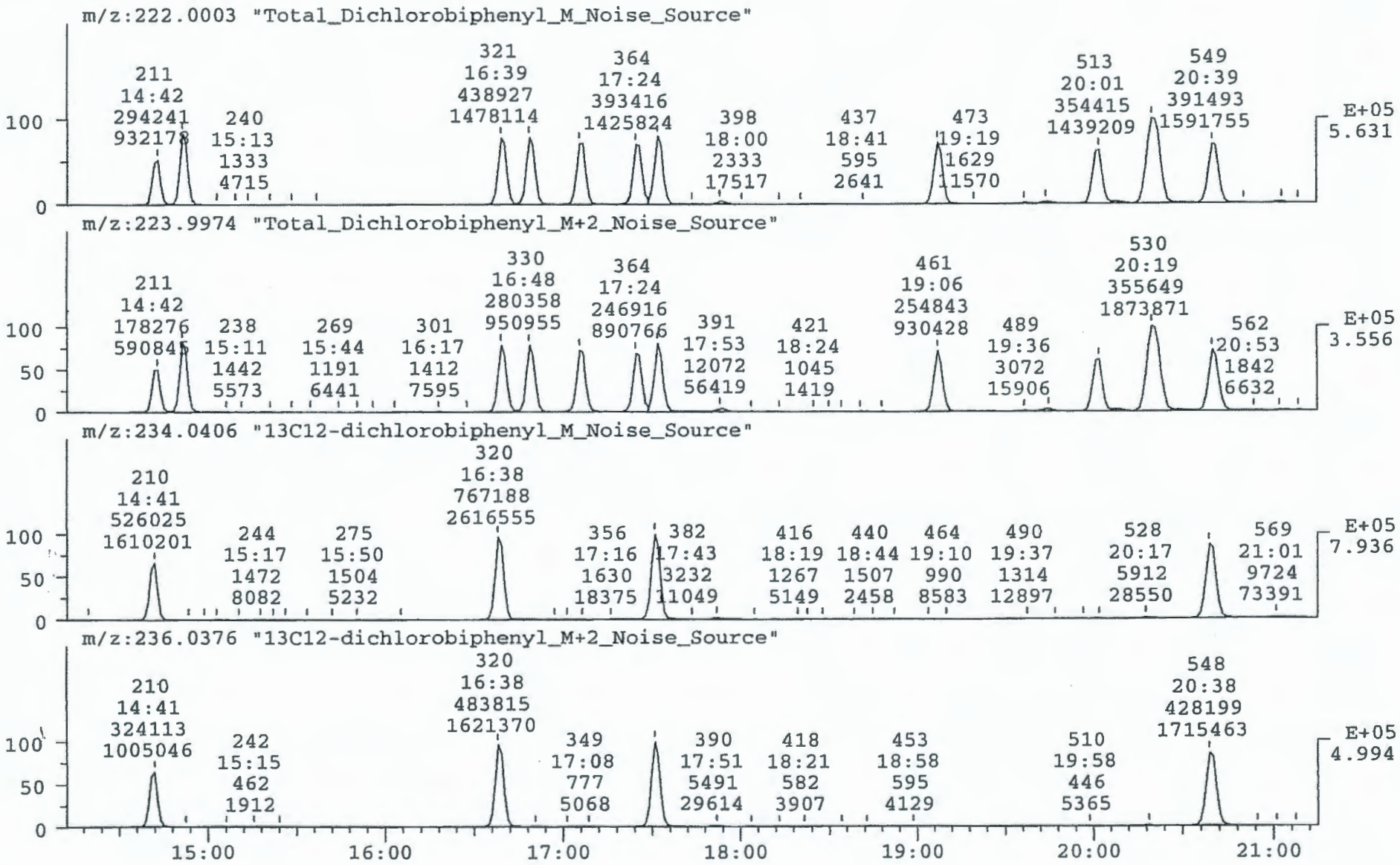
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  12:12.8      69
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



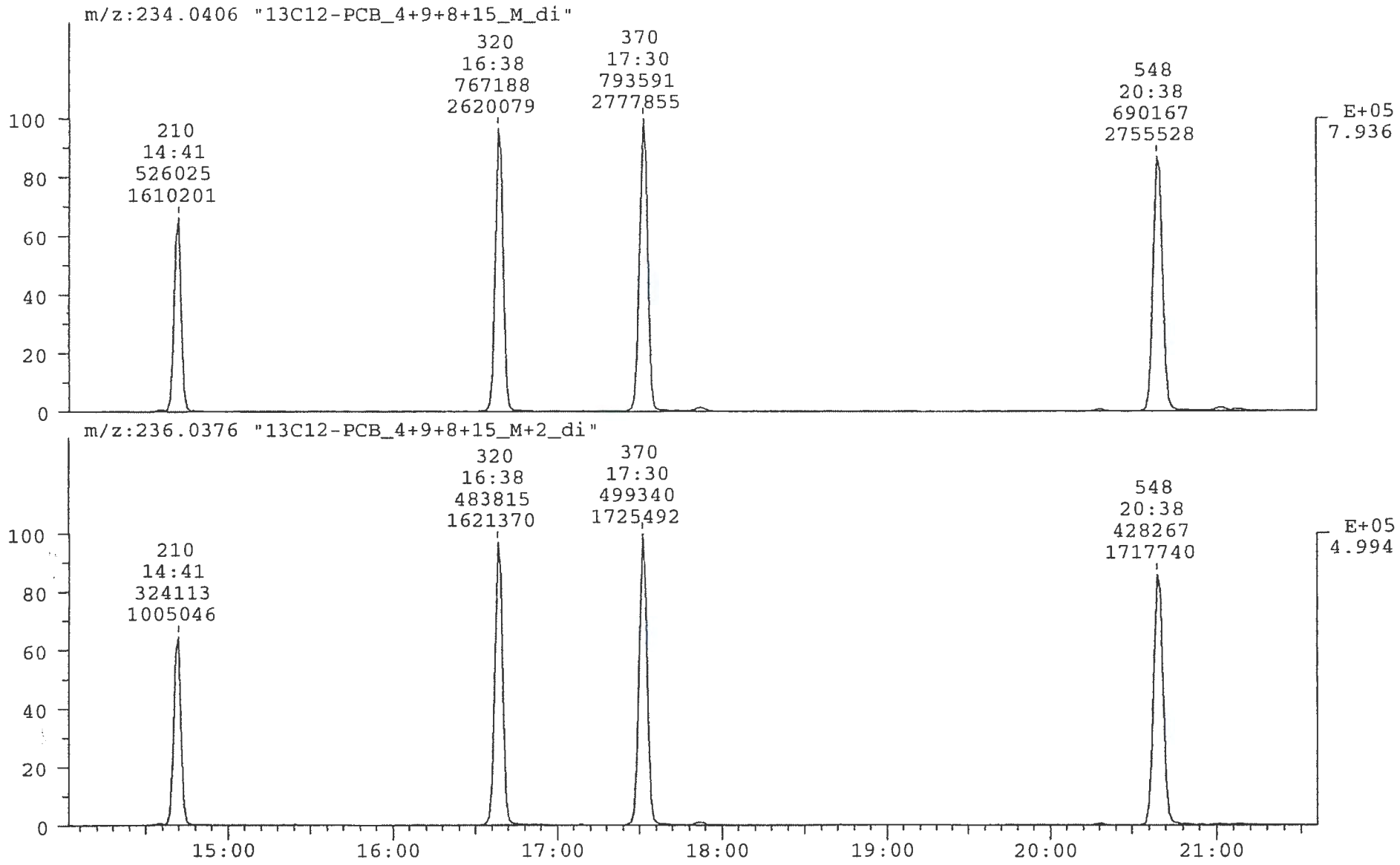
CHRO: a070313ss 14-Mar-07 Elapse: 14:23.7 193
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 168 > 213 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



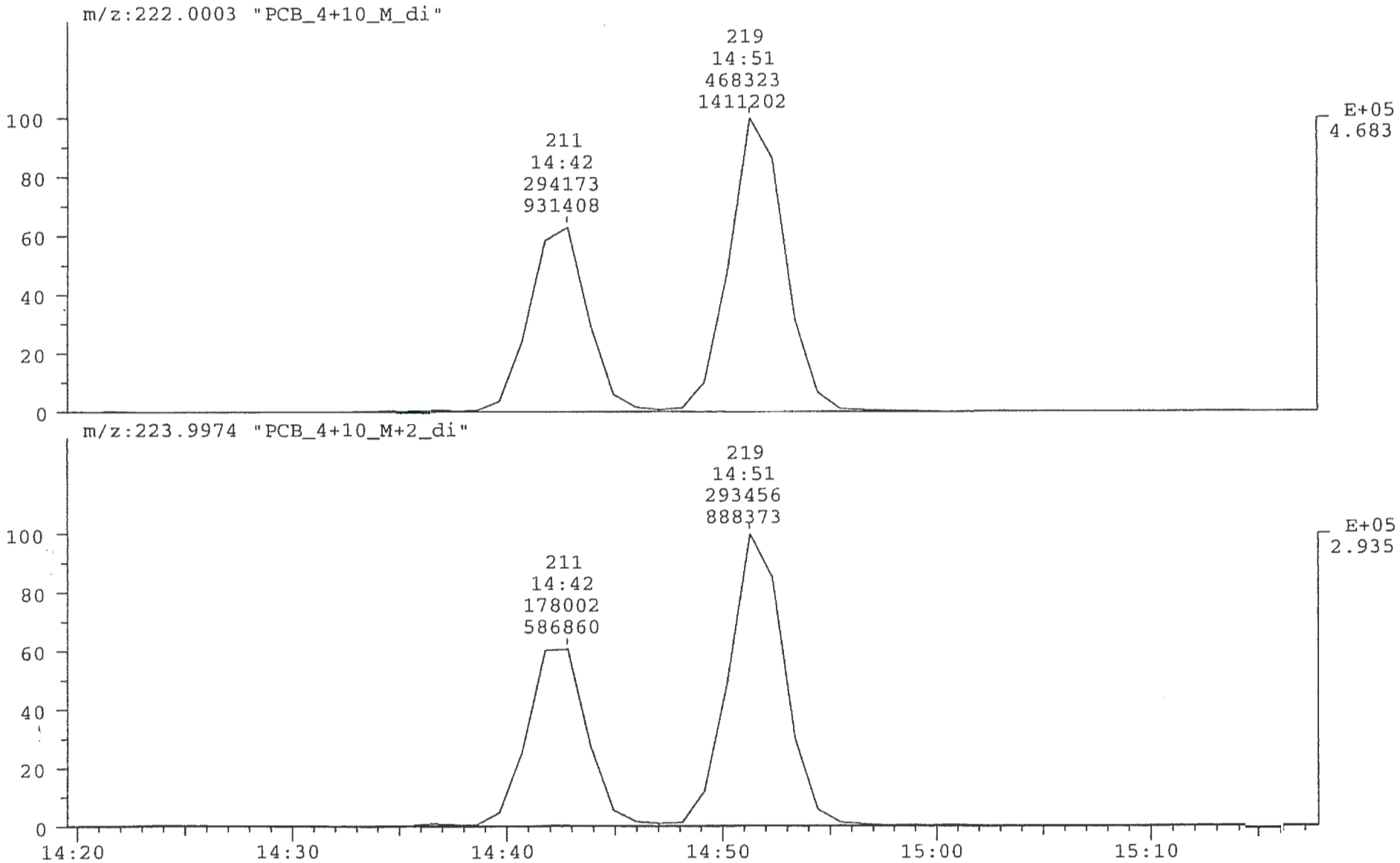
CHRO: a070313ss 14-Mar-07 Elapse: 17:43.5 382
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



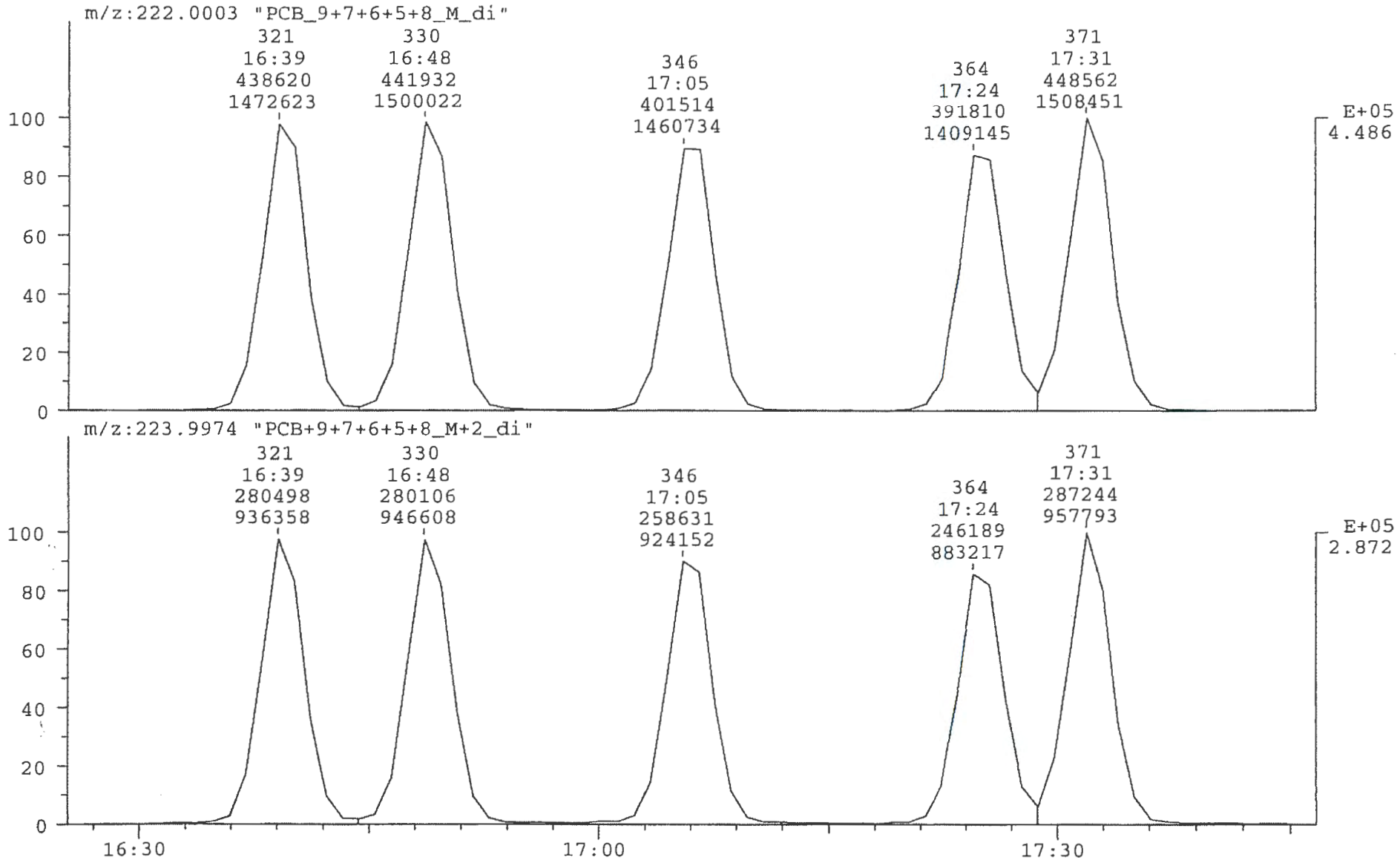
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  17:43.5      382
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



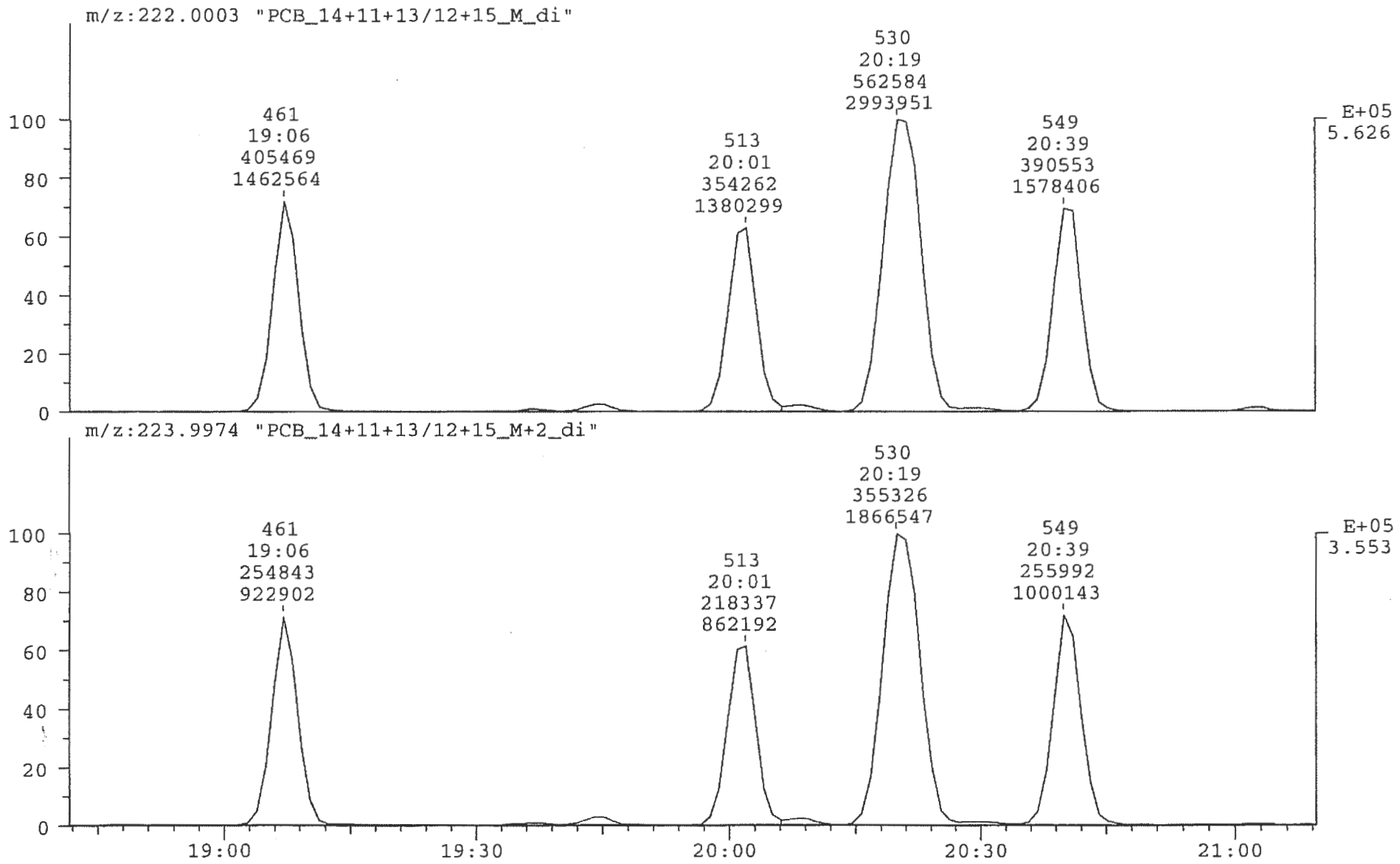
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  14:51.2      219
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



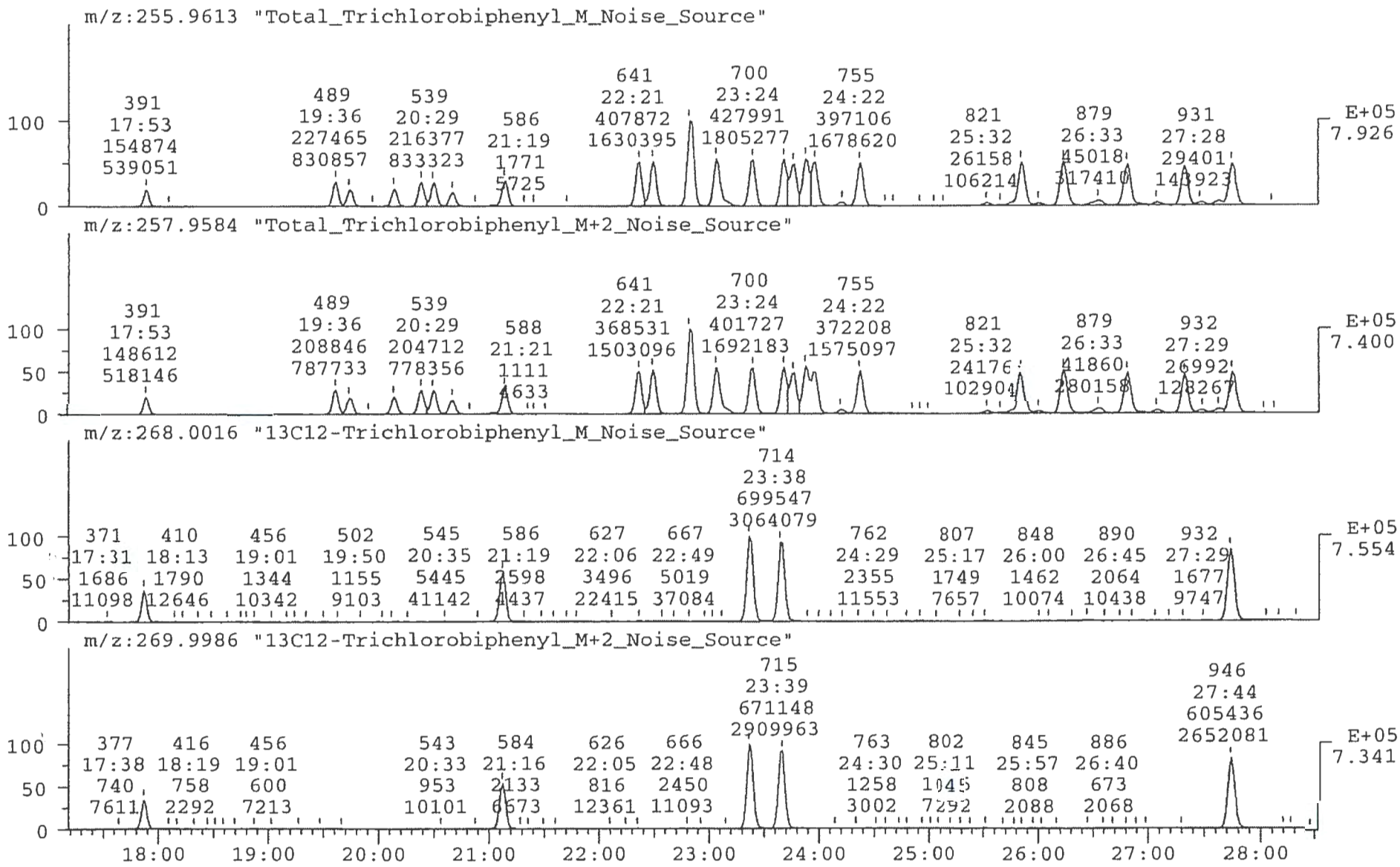
CHRO: a070313ss 14-Mar-07 Elapse: 17:09.7 350
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 308 > 385 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



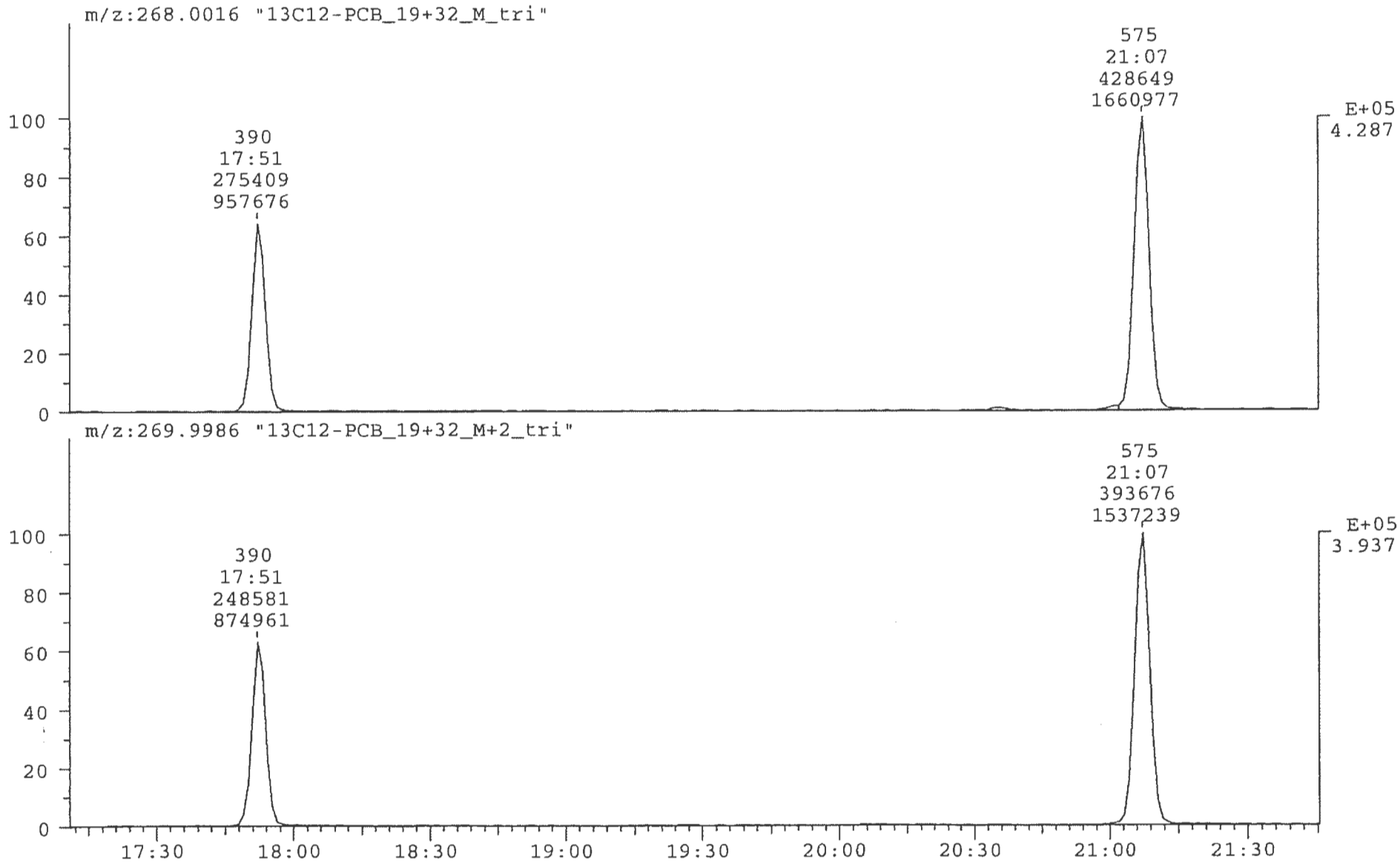
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  19:55.5      507
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   437 > 577             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



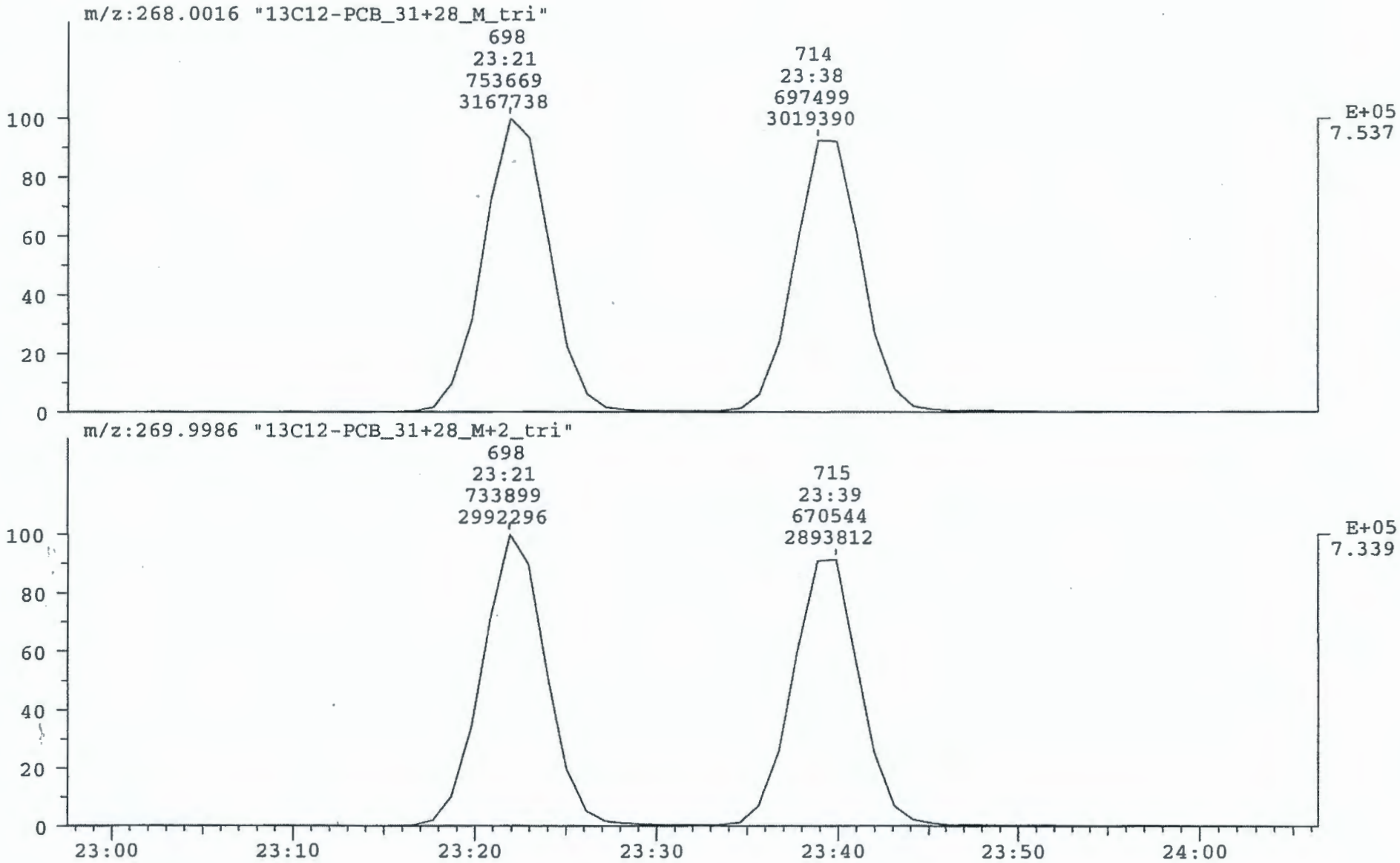
CHRO: a070313ss 14-Mar-07 Elapse: 22:53.3 671
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 351 > 991 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



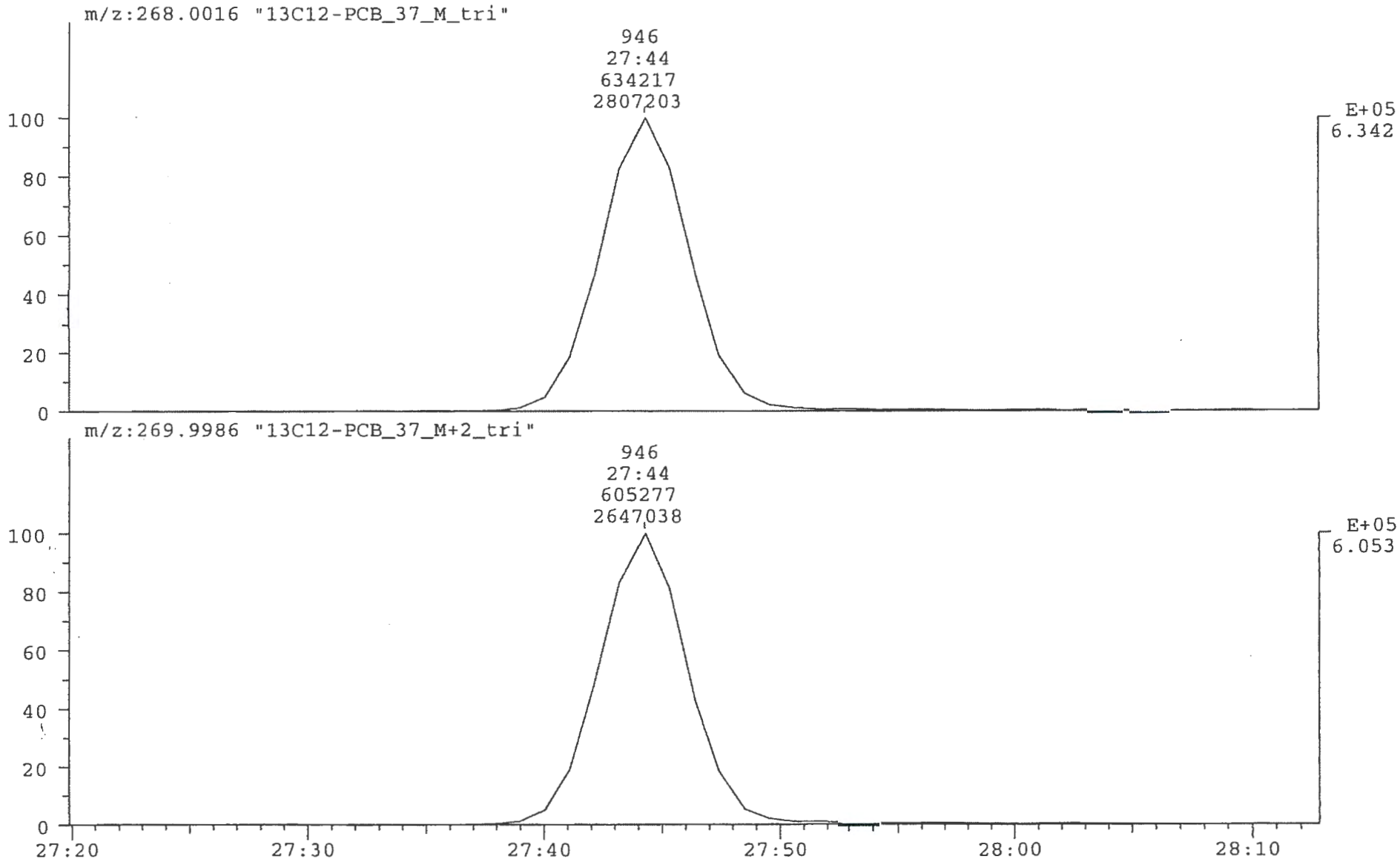
```
CHRO:  a070313ss                                14-Mar-07  Elapse:  19:17.5      471
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
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
```



```
CHRO:  a070313ss                                14-Mar-07   Elapse:  23:24.9      700
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```

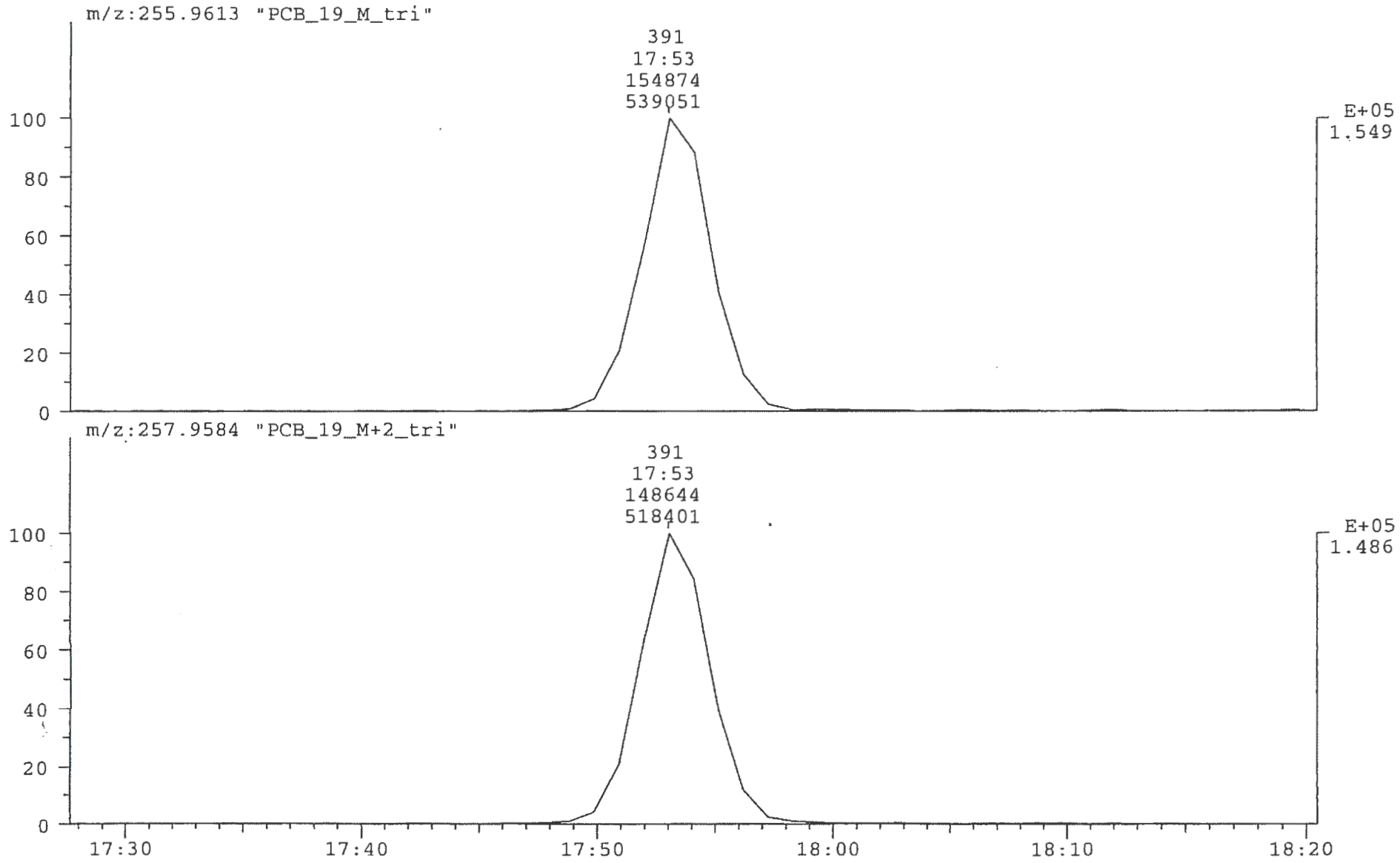


```
CHRO:  a070313ss                                14-Mar-07   Elapse:  27:46.4      948
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```

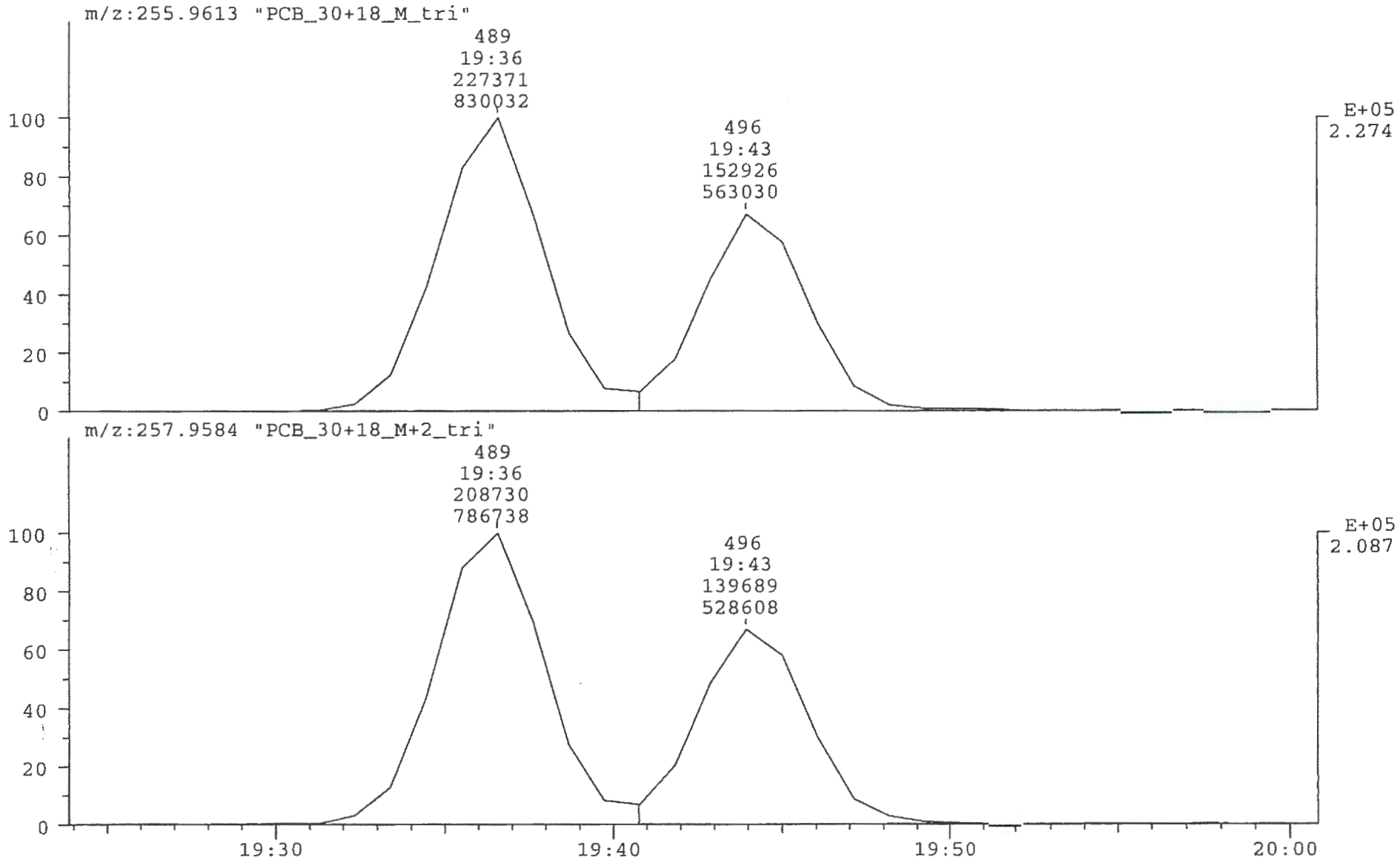


1767

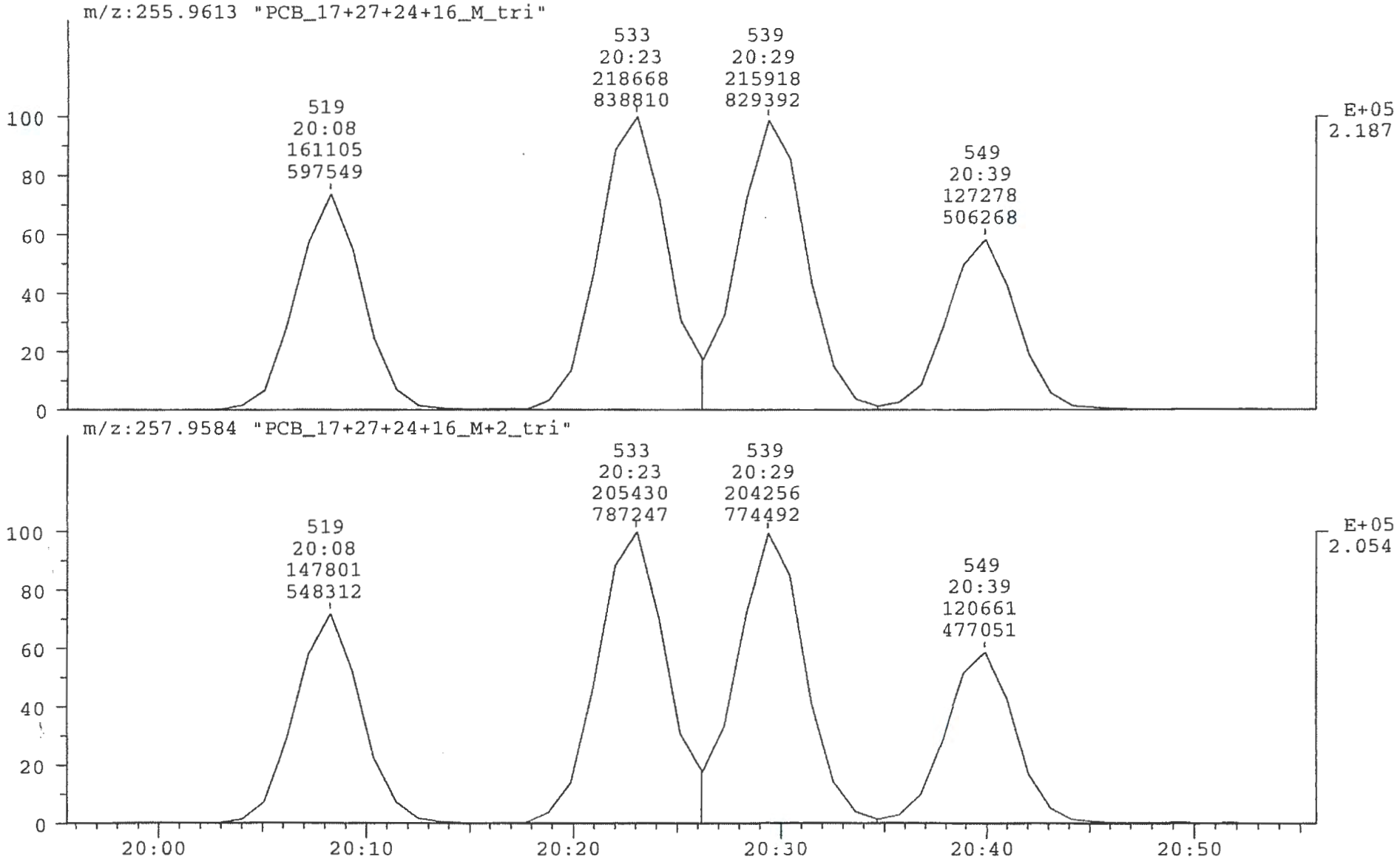
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  17:54.1      392
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



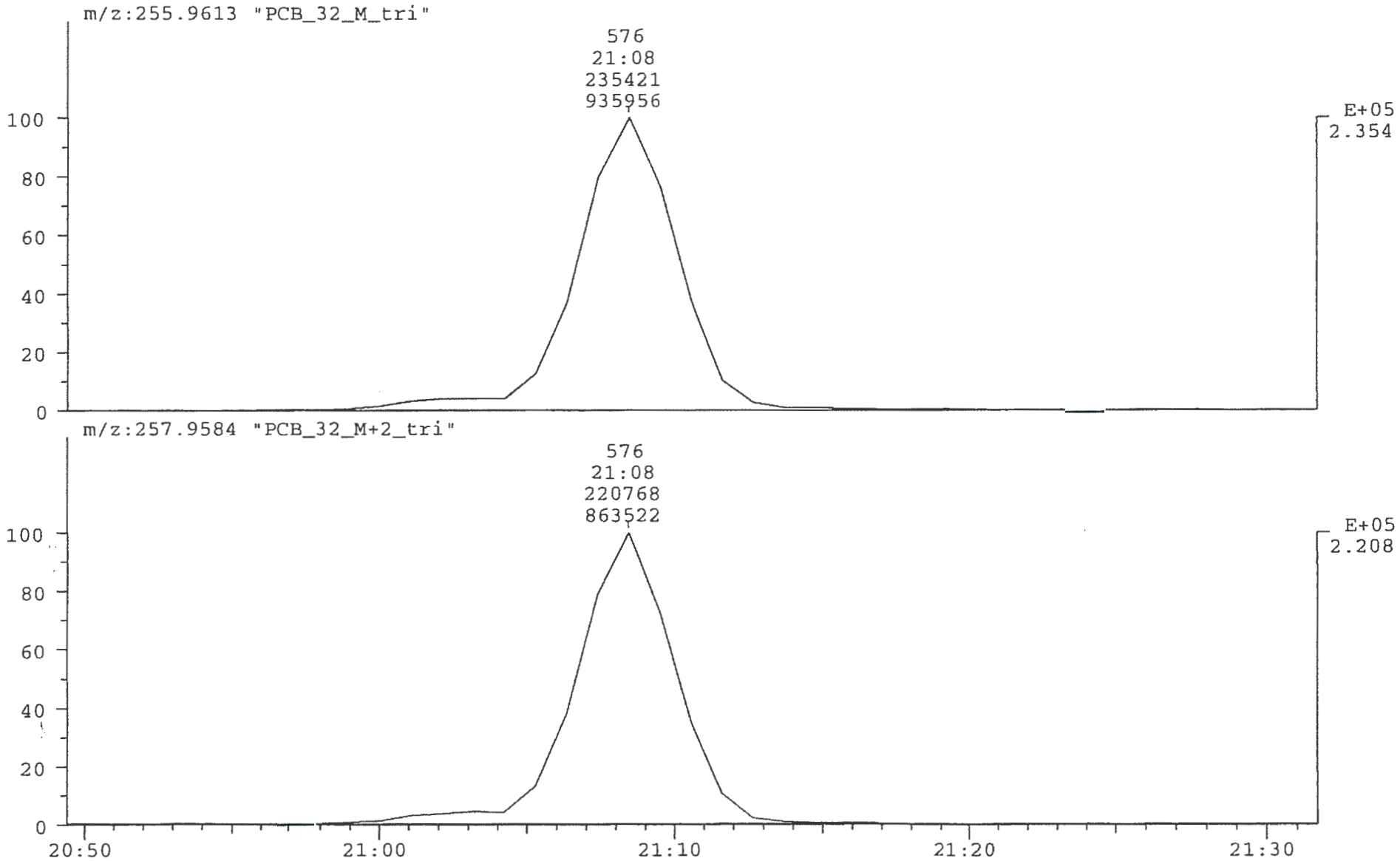
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  19:45.9      497
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



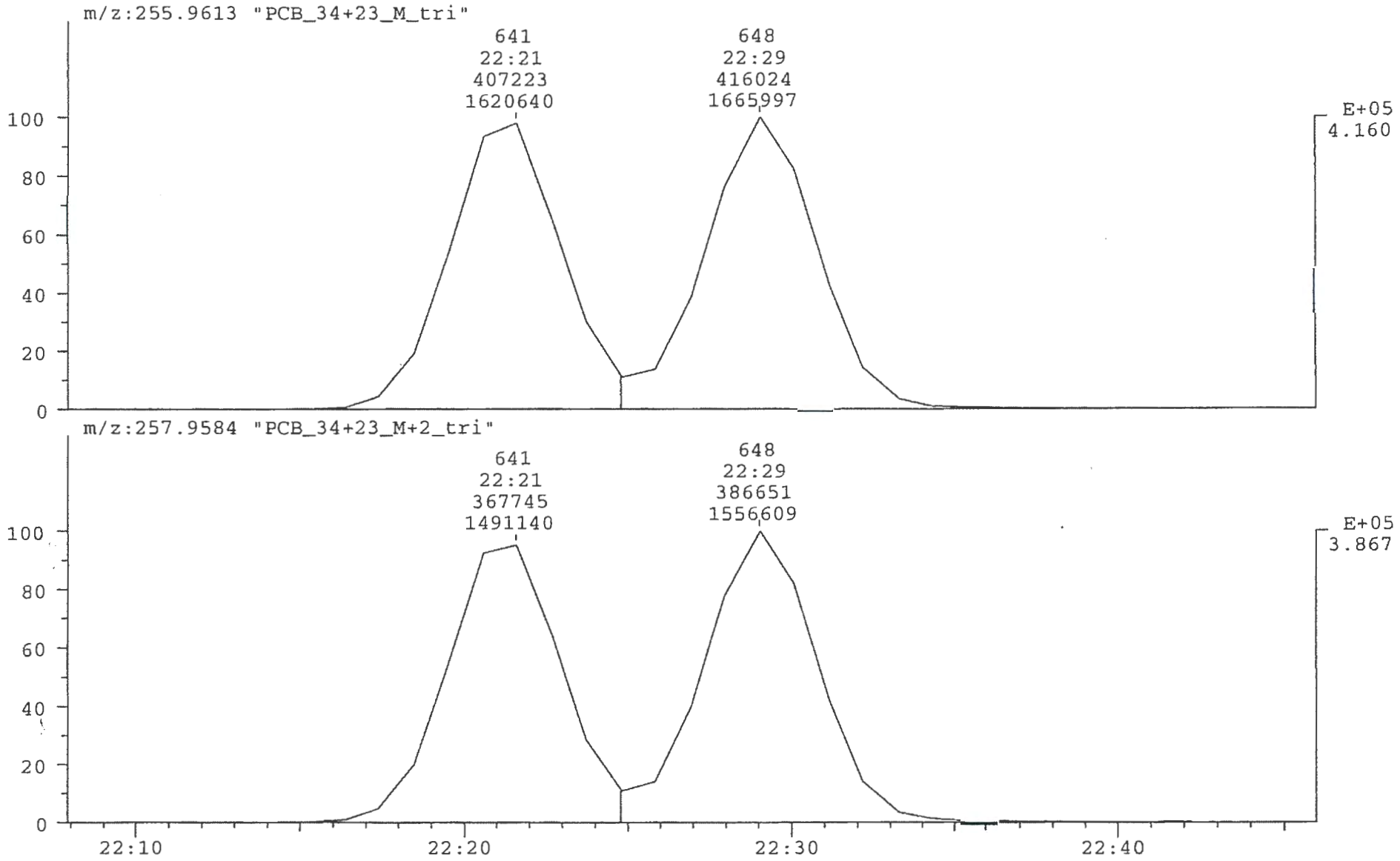
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  20:27.2      537
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   507 > 564             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



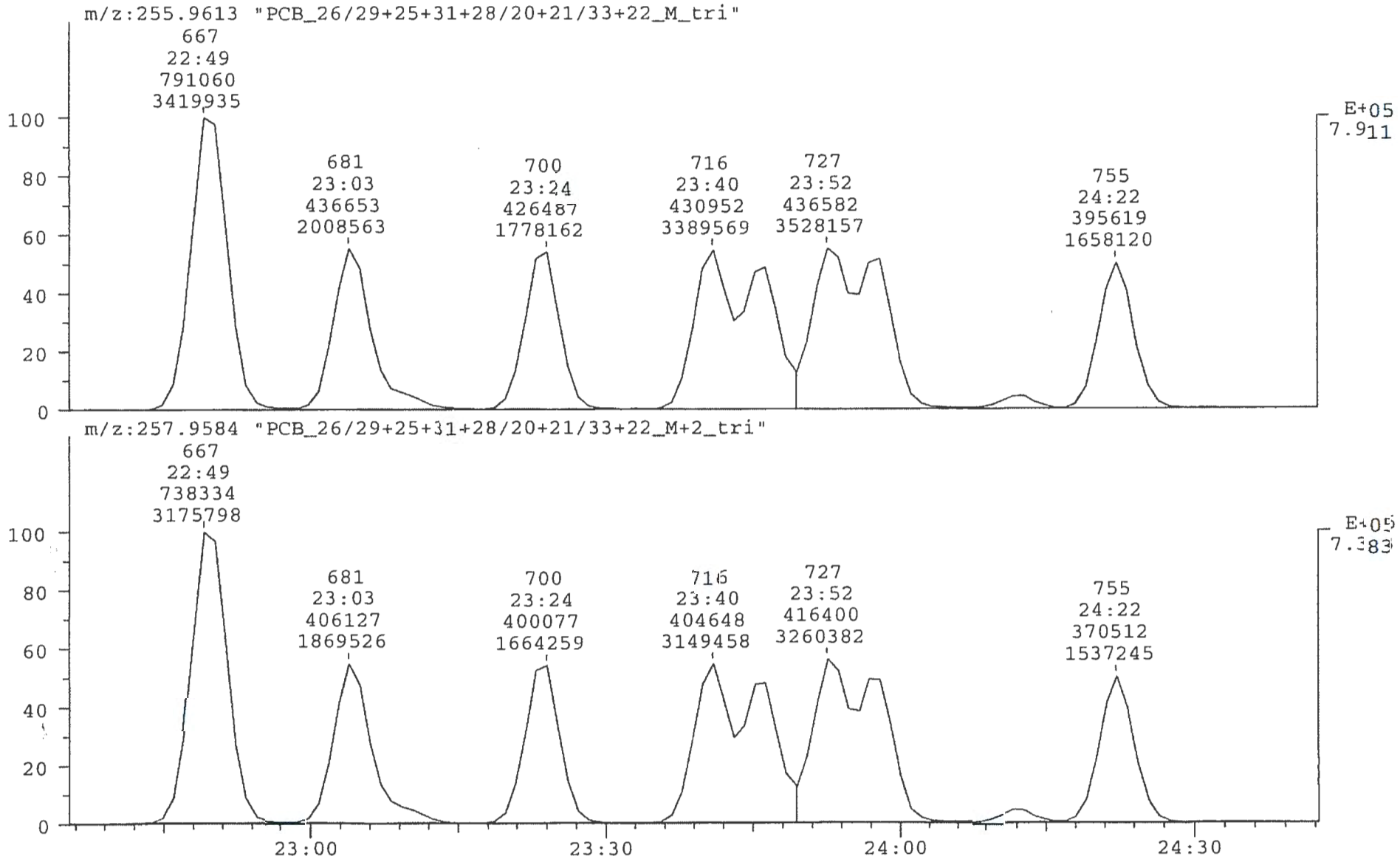
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  21:10.5      578
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



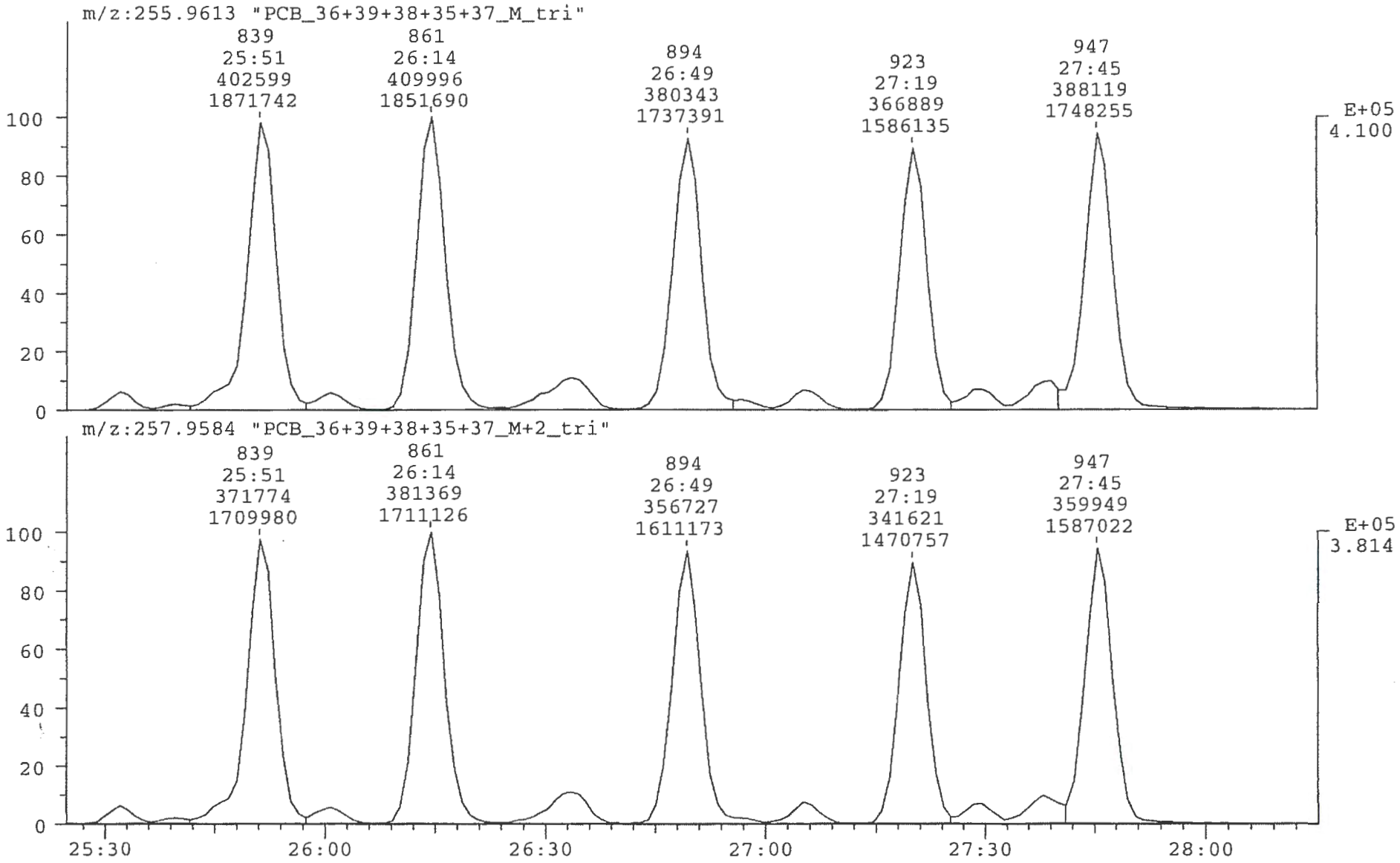
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  22:23.7      643
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   628 > 664             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



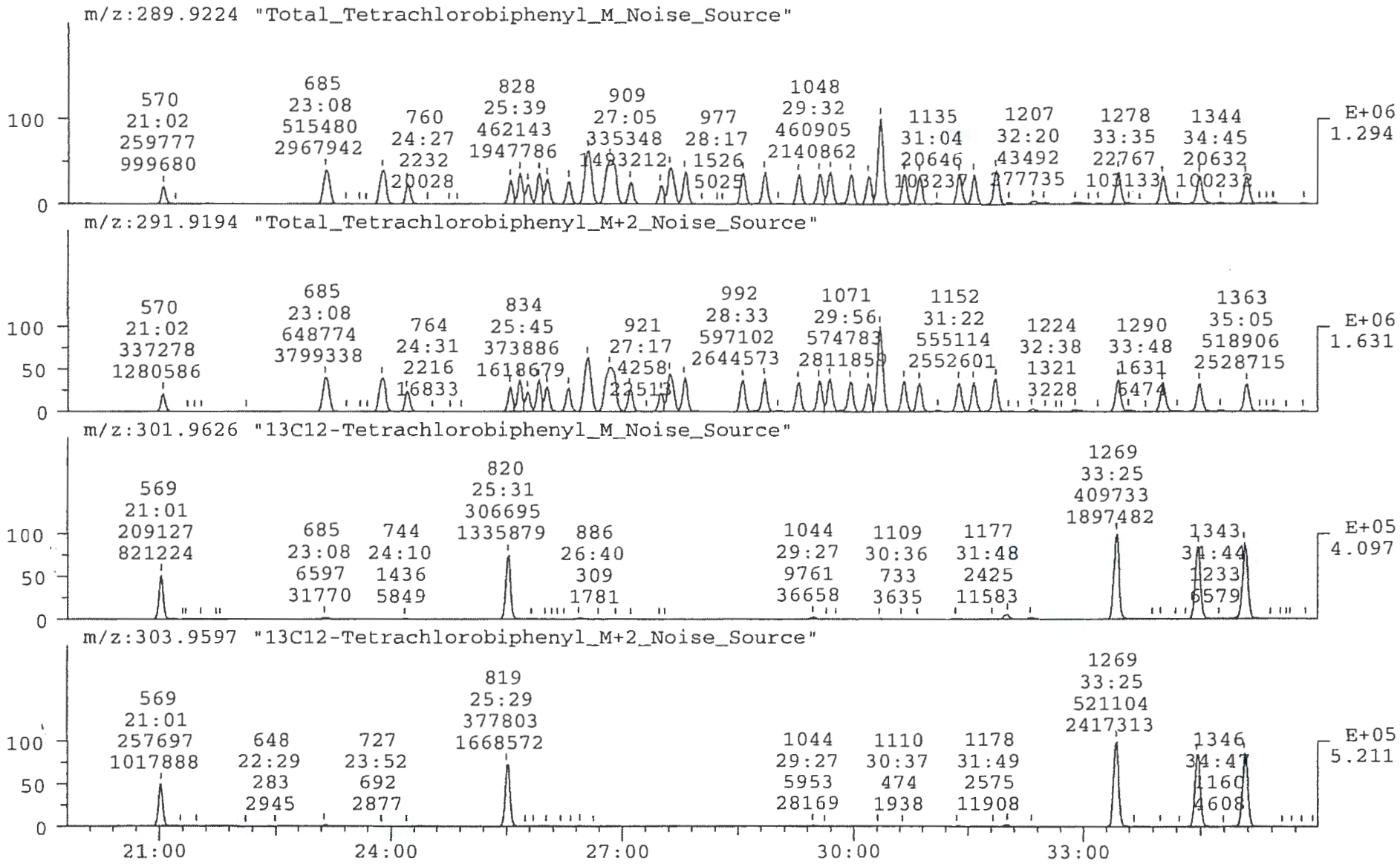
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  23:54.7      729
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   654 > 774             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



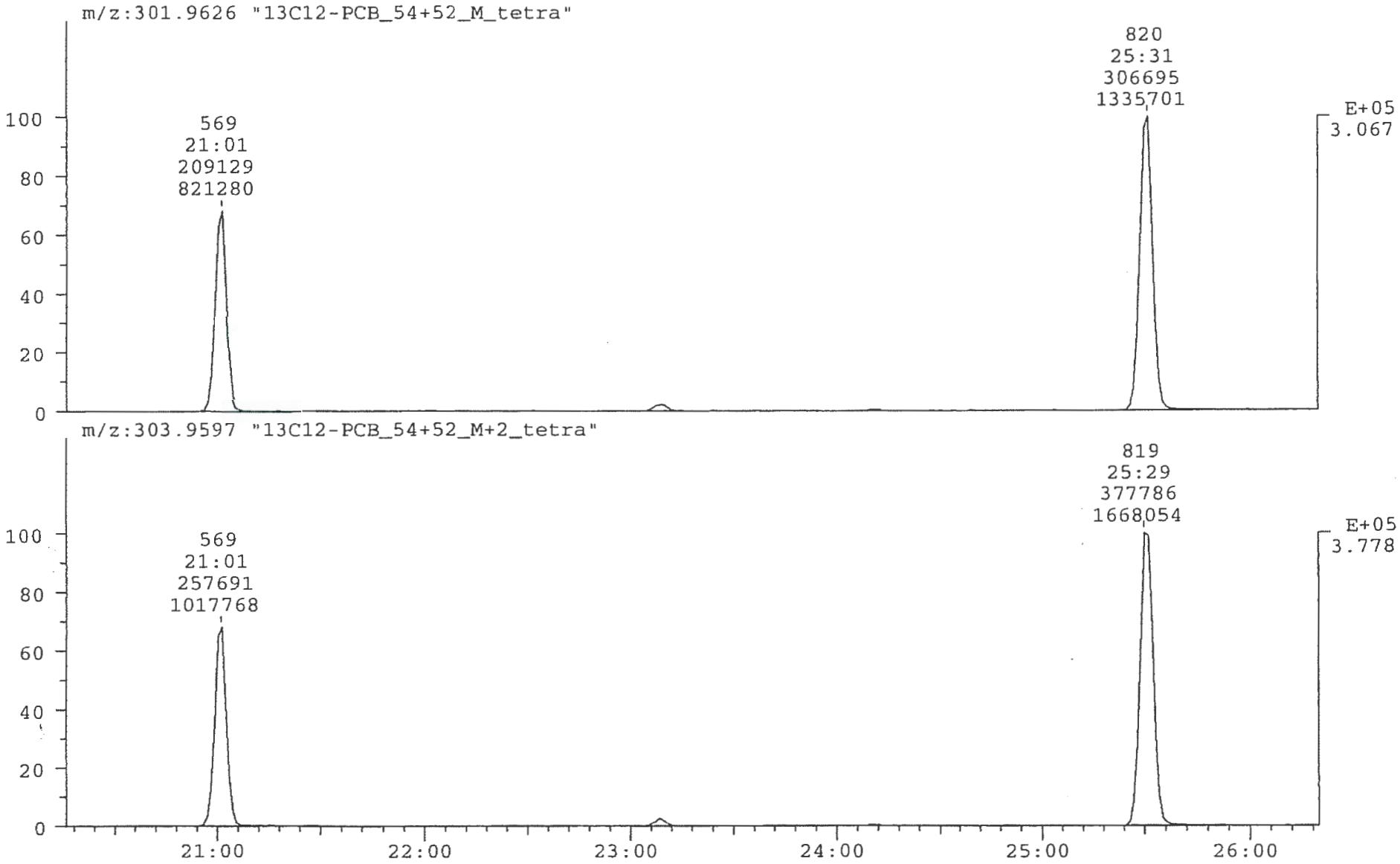
CHRO: a070313ss 14-Mar-07 Elapse: 26:54.5 899
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 814 > 975 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



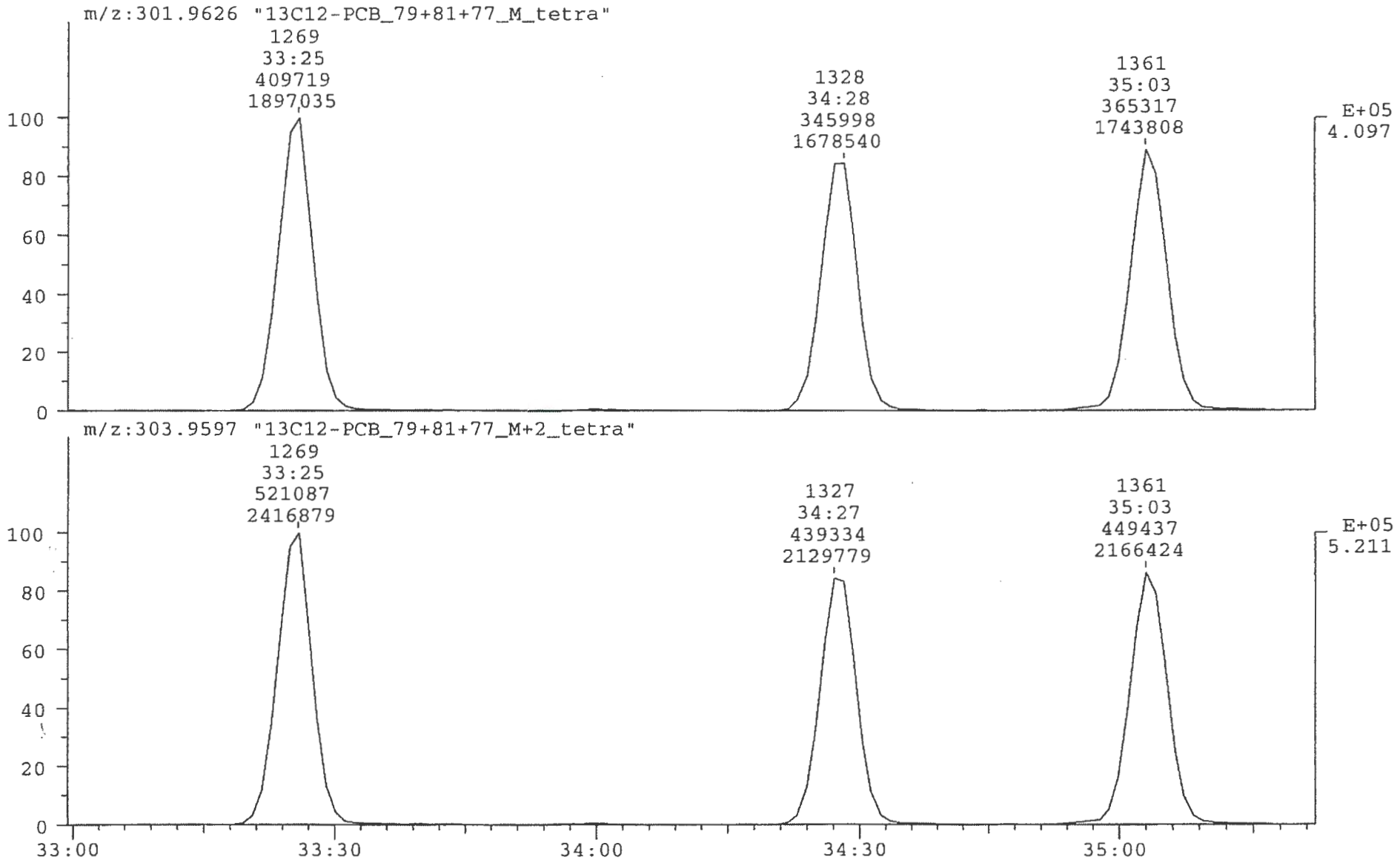
CHRO: a070313ss 14-Mar-07 Elapse: 27:52.7 954
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 500 > 1414 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



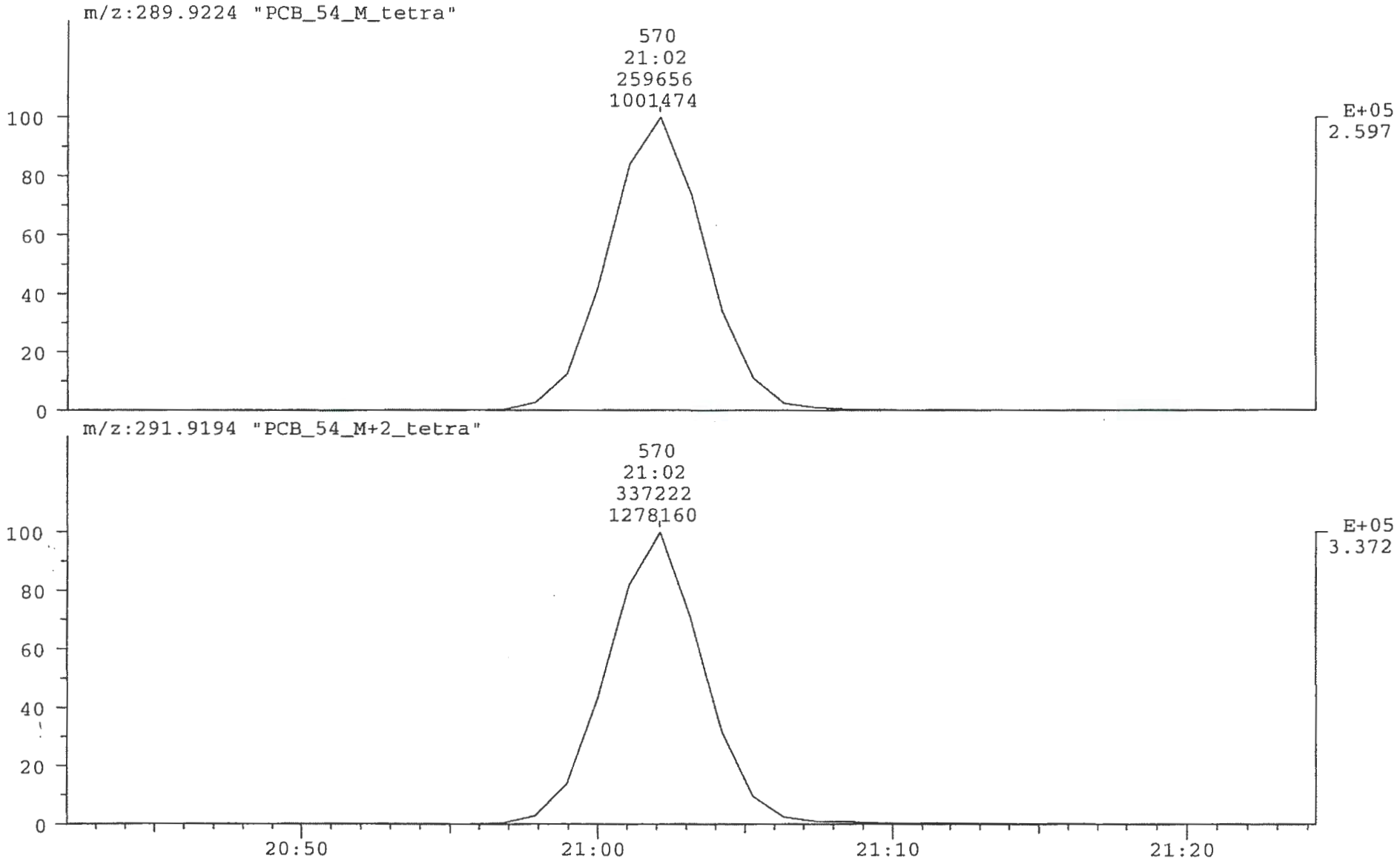
CHRO: a070313ss 14-Mar-07 Elapse: 23:19.8 696
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 526 > 866 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



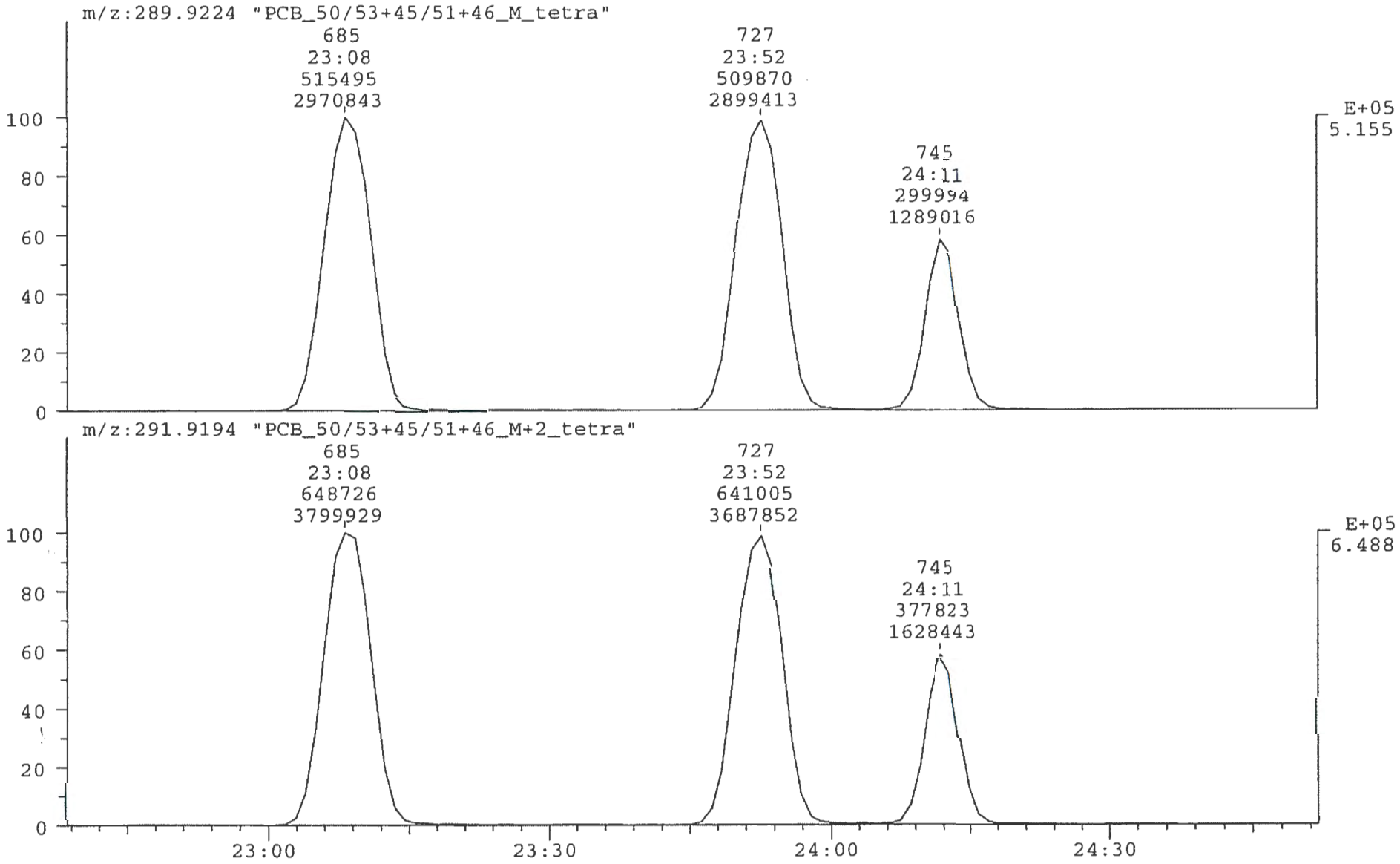
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  34:13      1314
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1244 > 1379           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



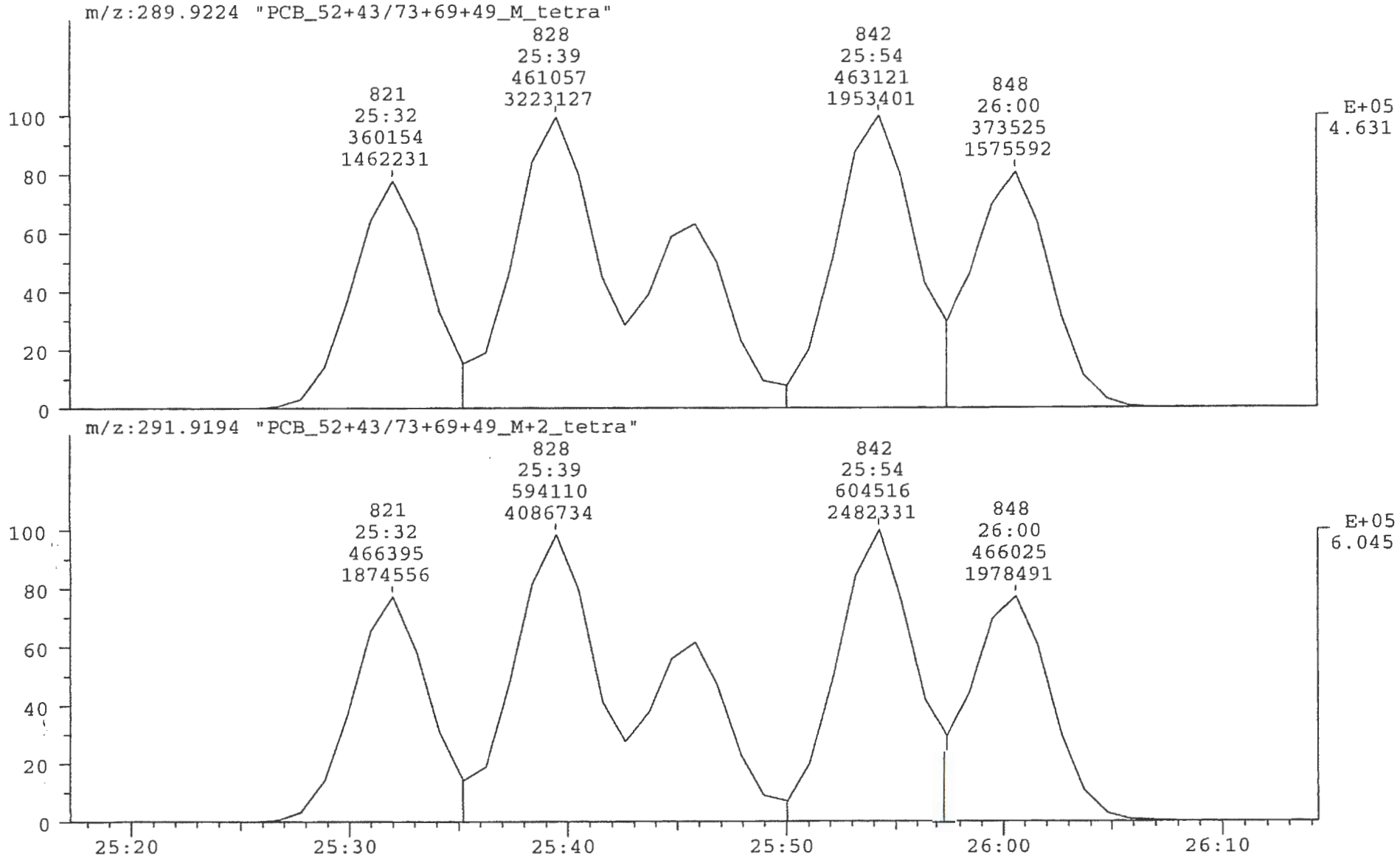
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  21:03.1      571
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



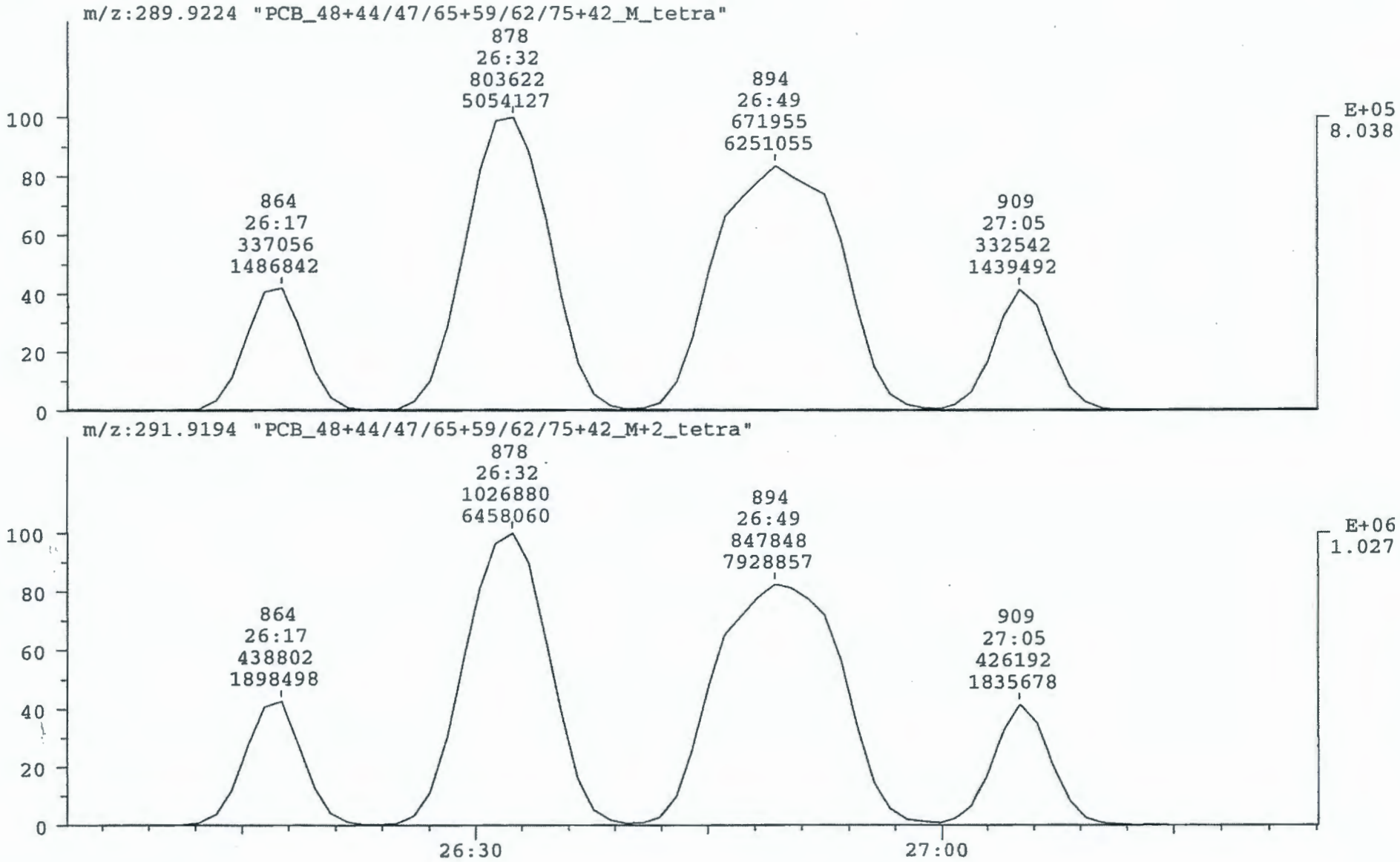
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  23:50.4      725
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   657 > 783             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



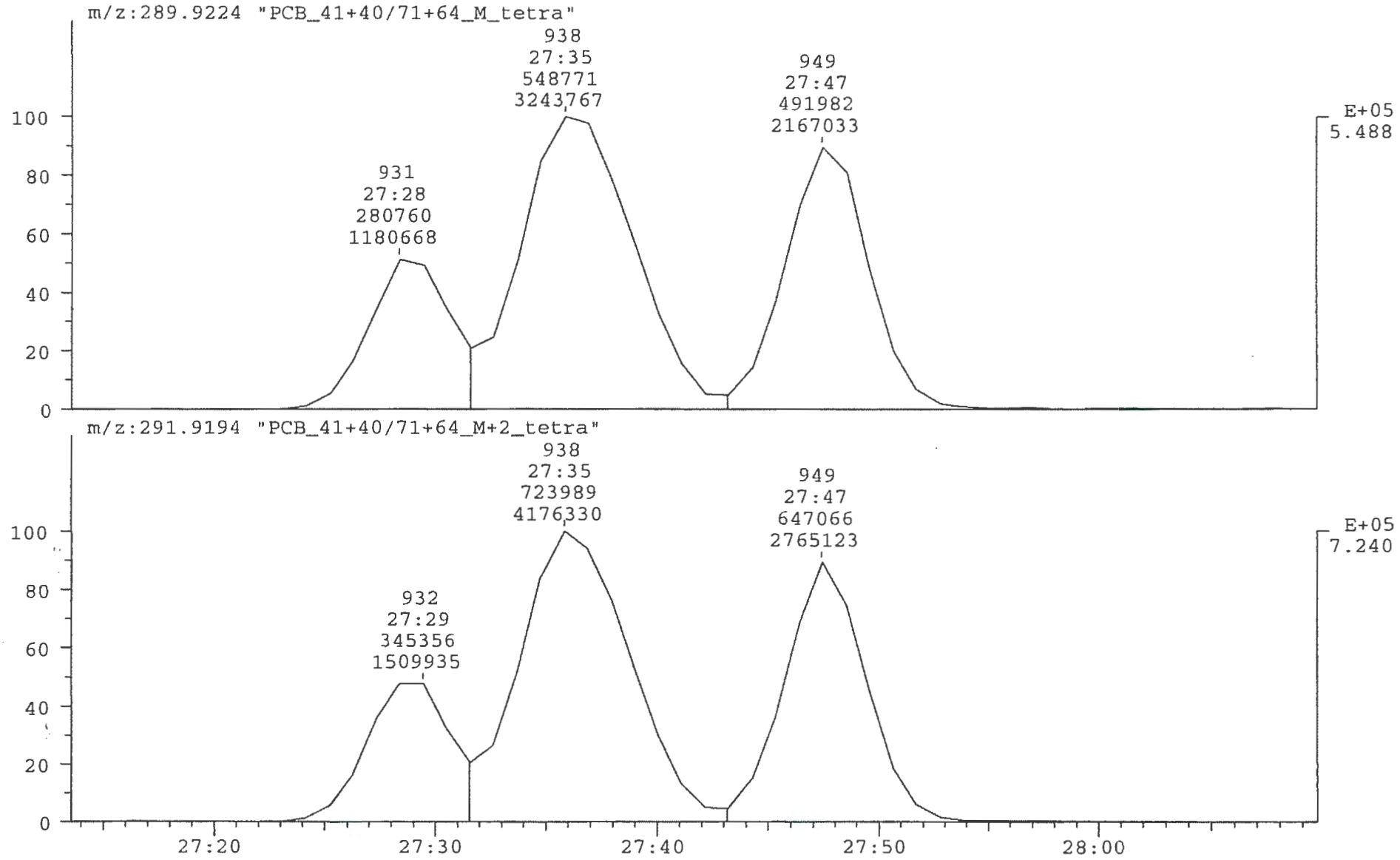
CHRO: a070313ss 14-Mar-07 Elapse: 25:52.1 840
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 807 > 861 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



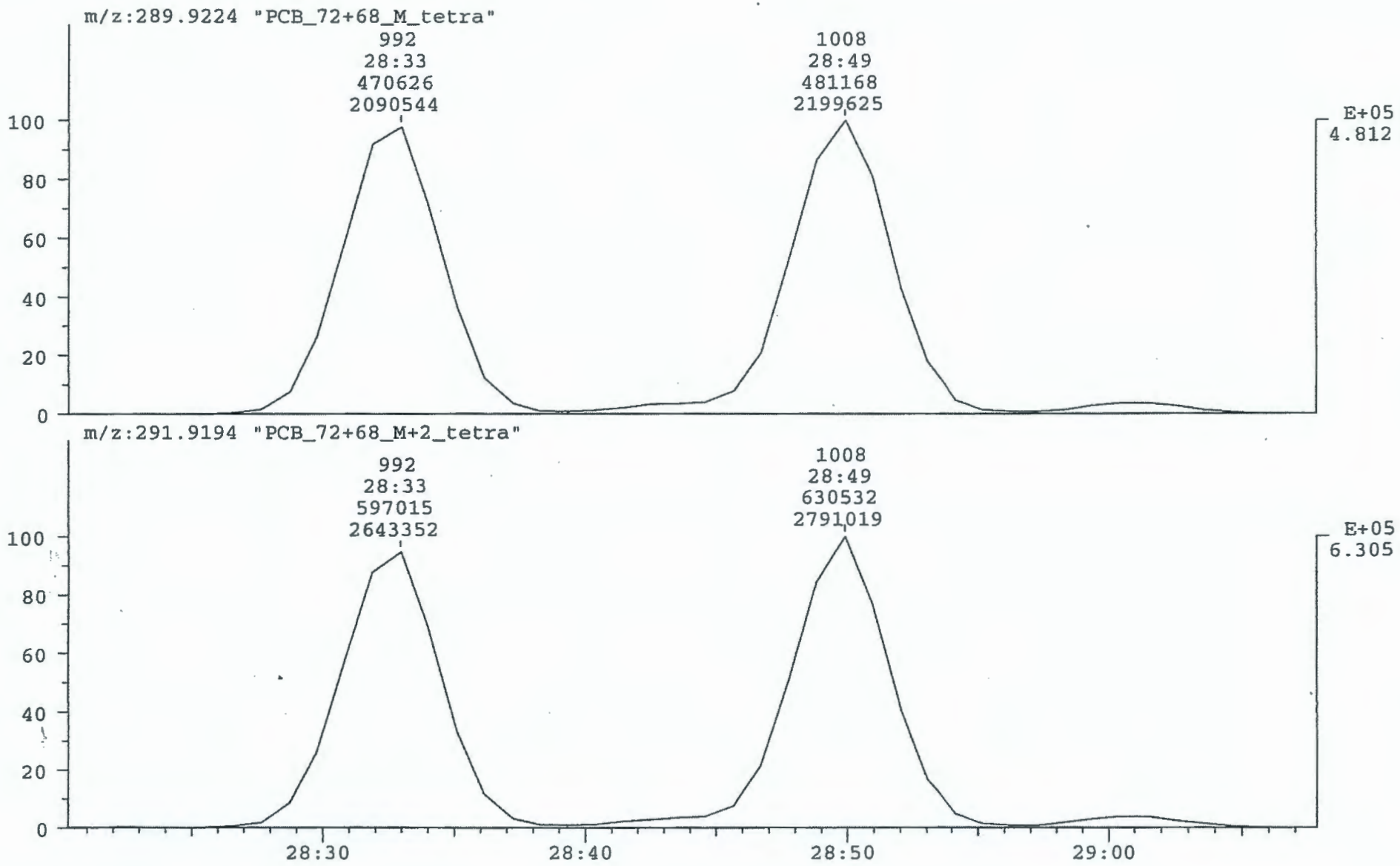
```
CHRO:  a070313ss                                14-Mar-07  Elapse:  26:46.0      891
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   851 > 927            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



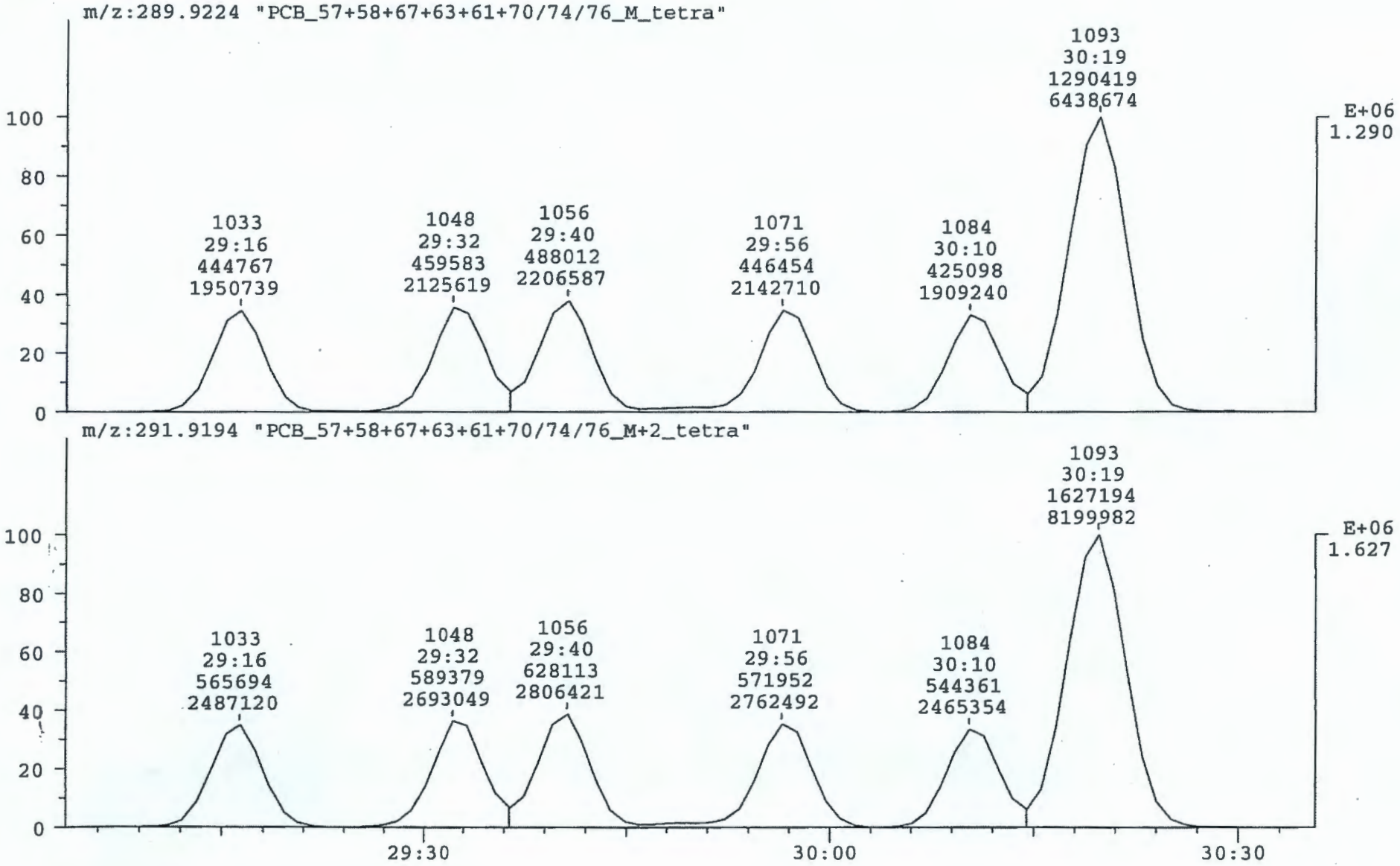
CHRO: a070313ss 14-Mar-07 Elapse: 27:47.4 949
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 917 > 970 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



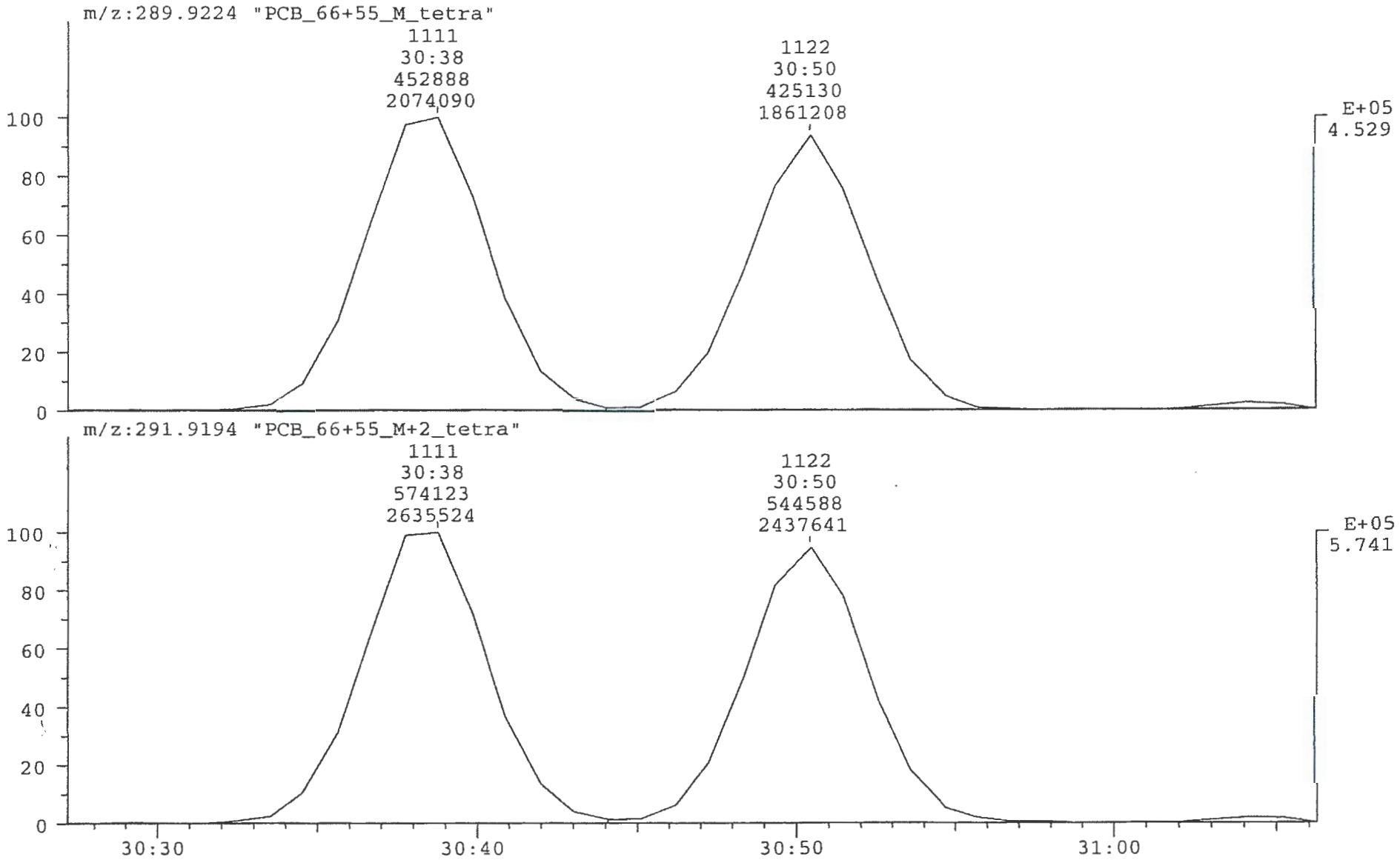
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  28:46      1005
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   980 > 1025            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



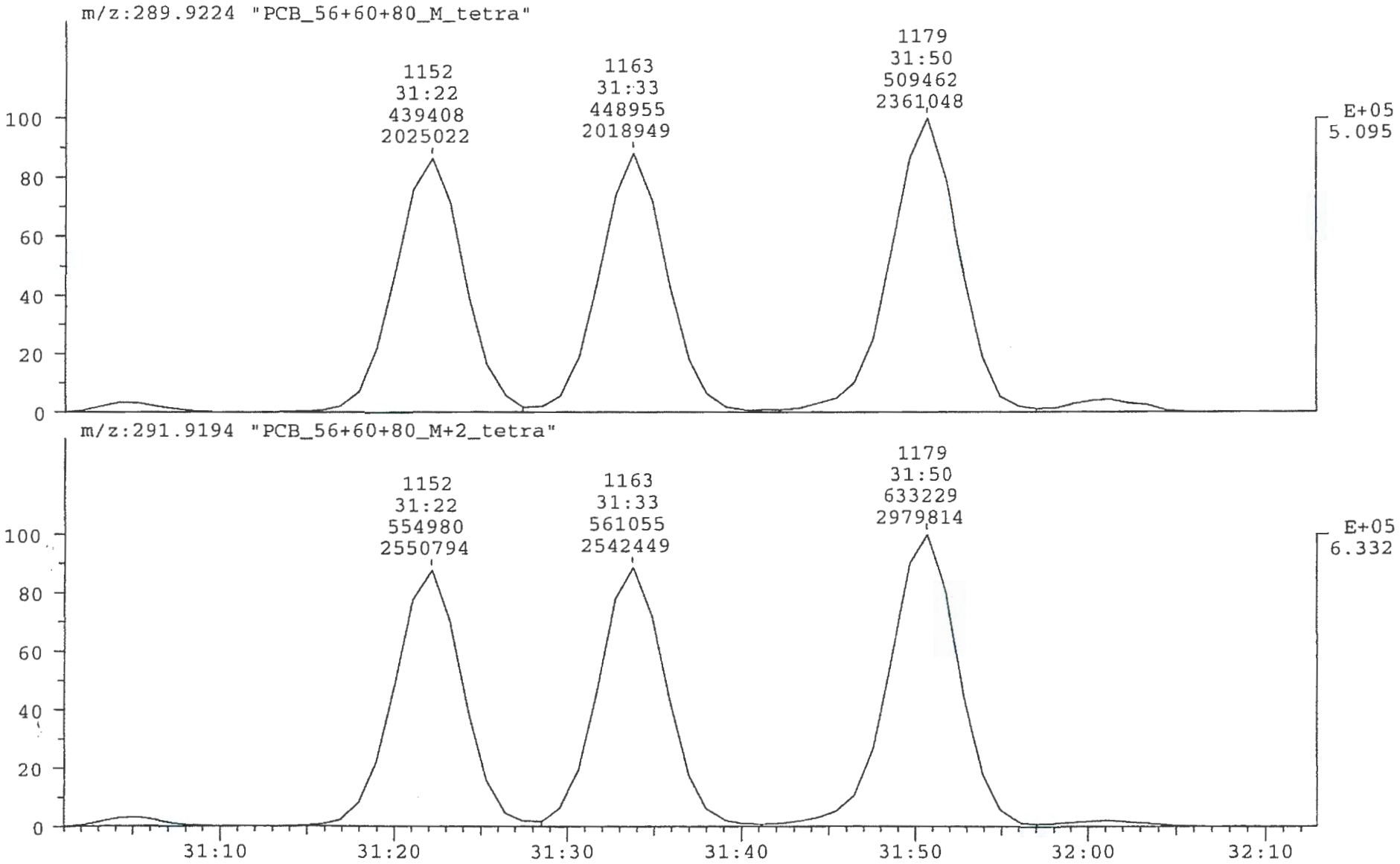
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  29:53      1068
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1021 > 1108           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



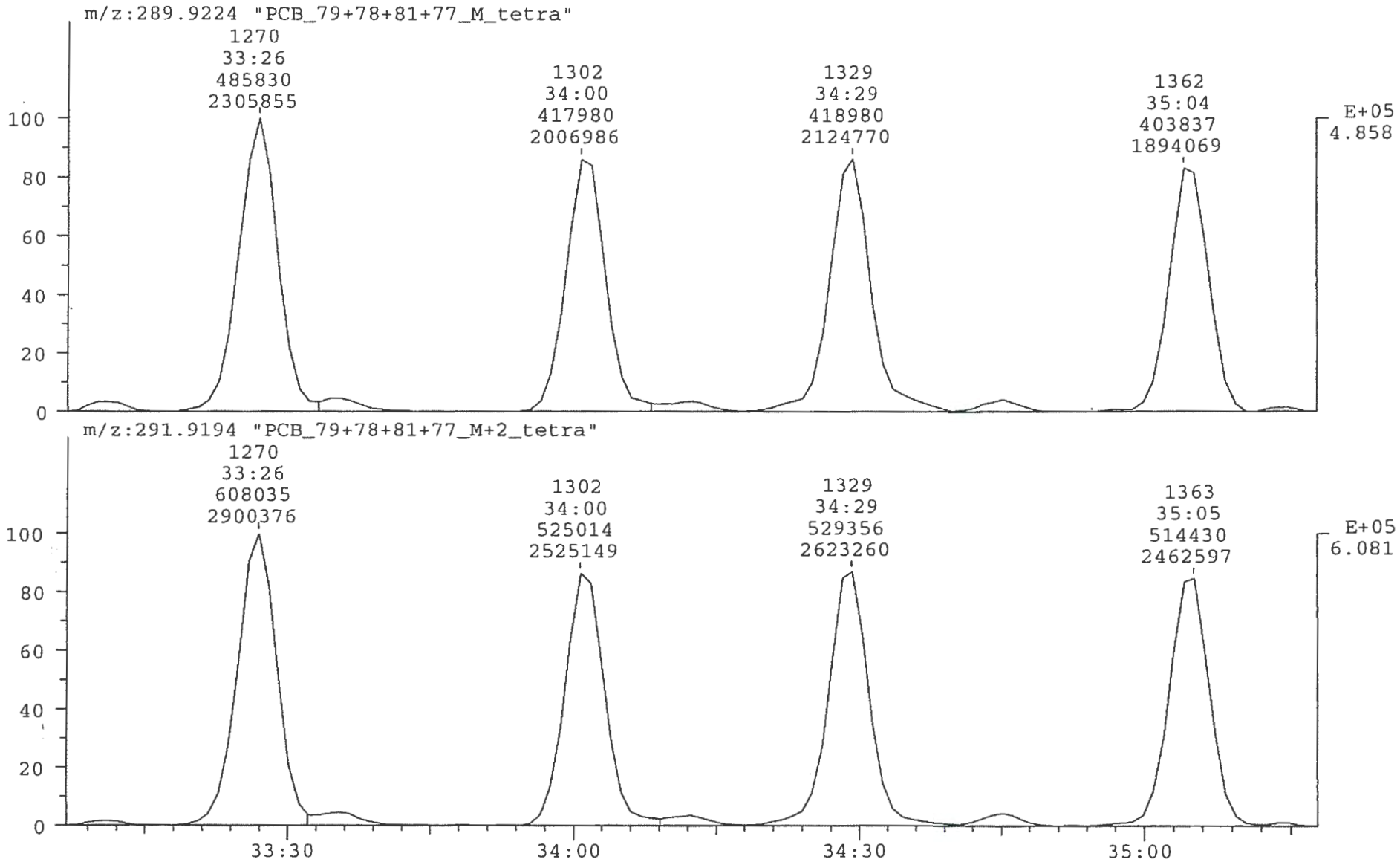
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  30:50      1122
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1100 > 1137           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



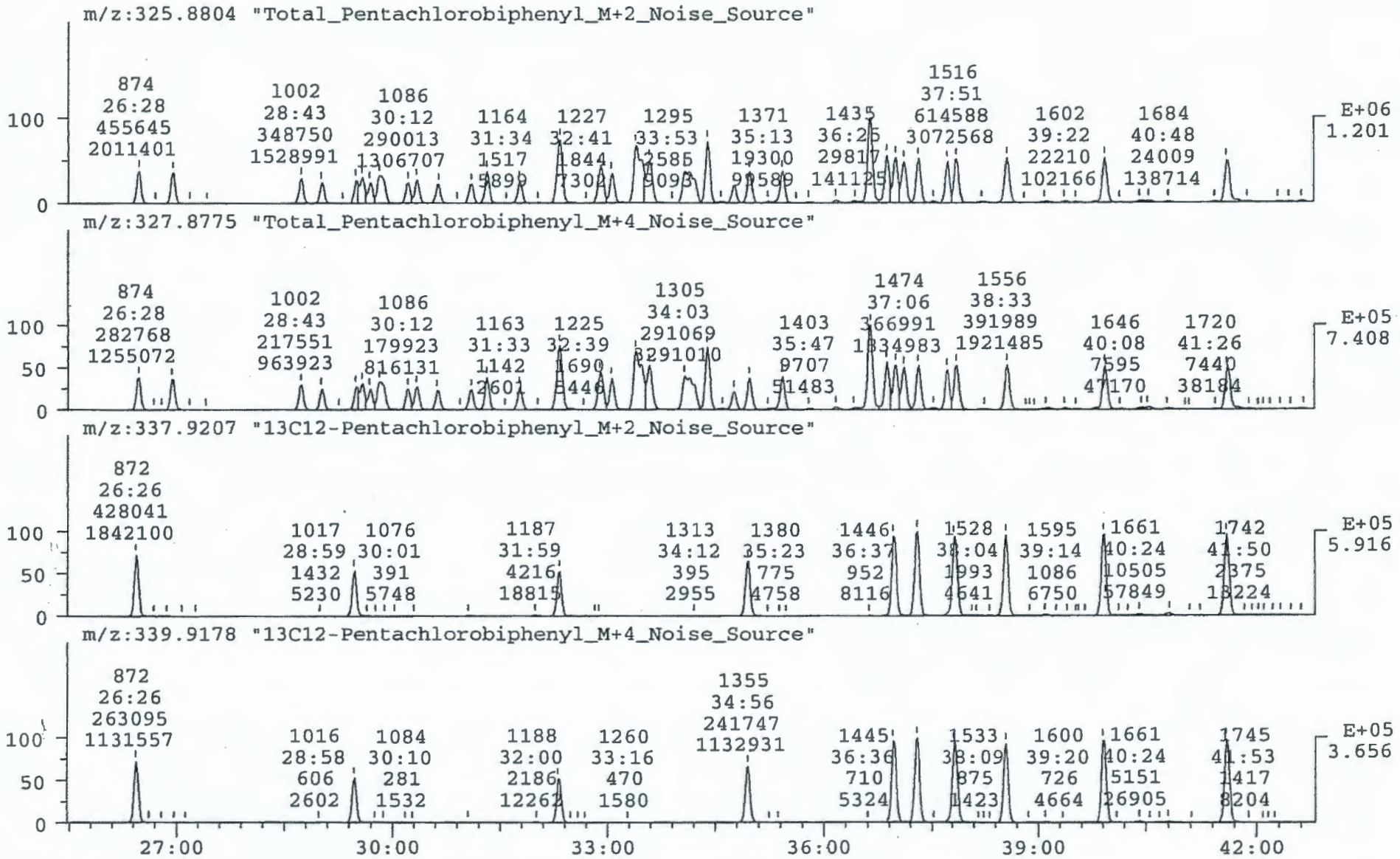
CHRO: a070313ss 14-Mar-07 Elapse: 31:41 1170
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1132 > 1200 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



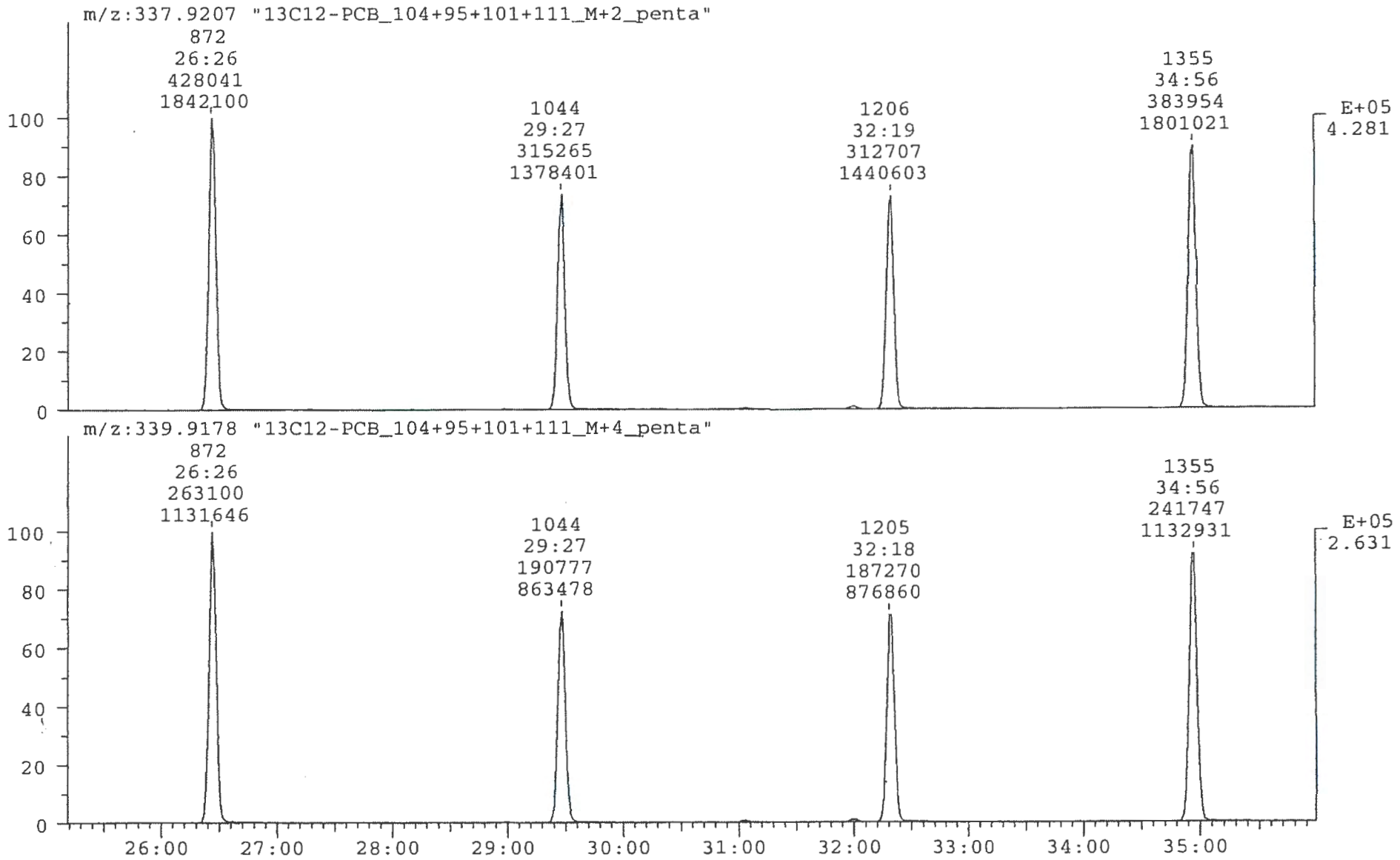
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  34:14      1315
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1251 > 1375           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



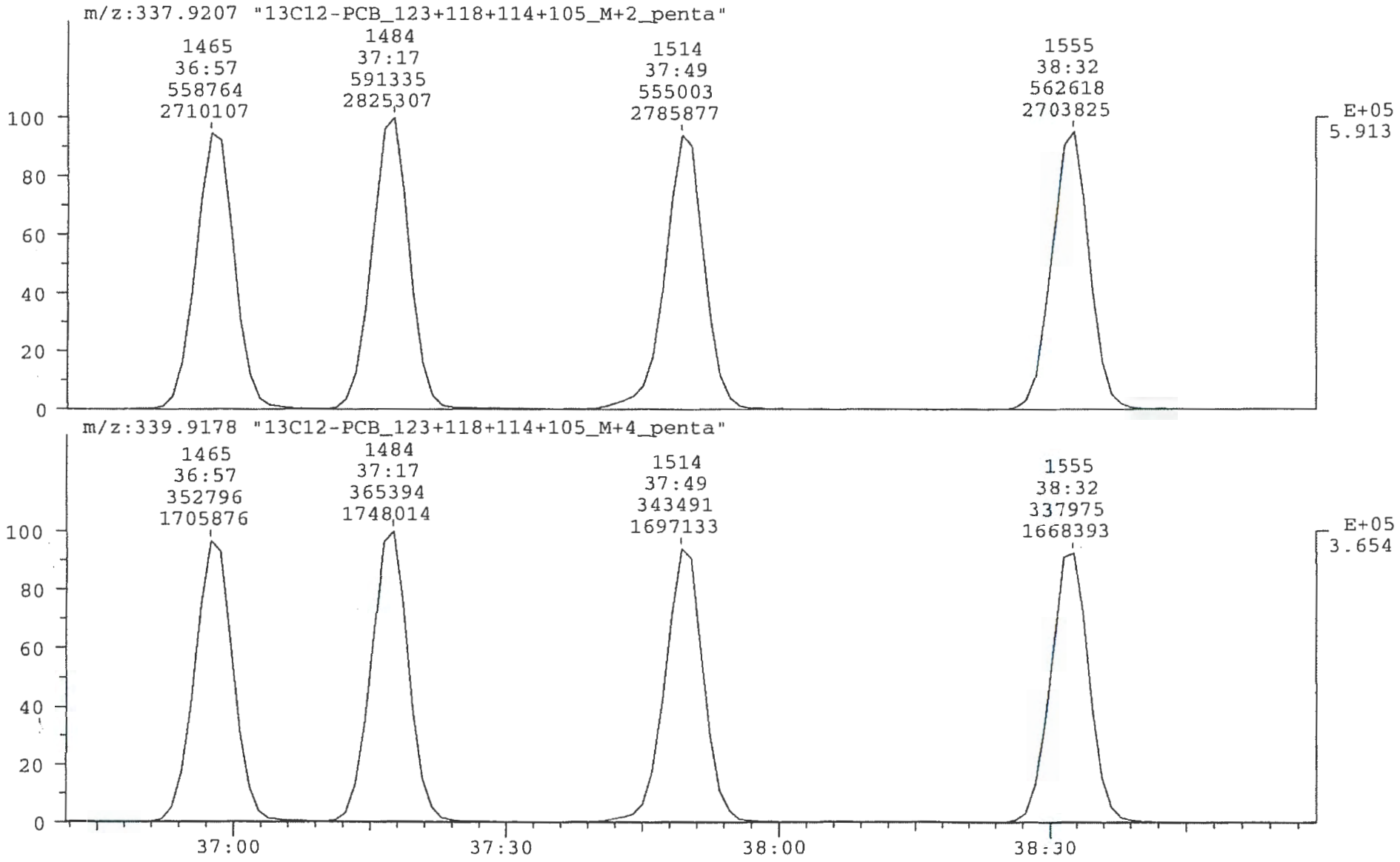
CHRO: a070313ss 14-Mar-07 Elapse: 34:08 1309
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 817 > 1797 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



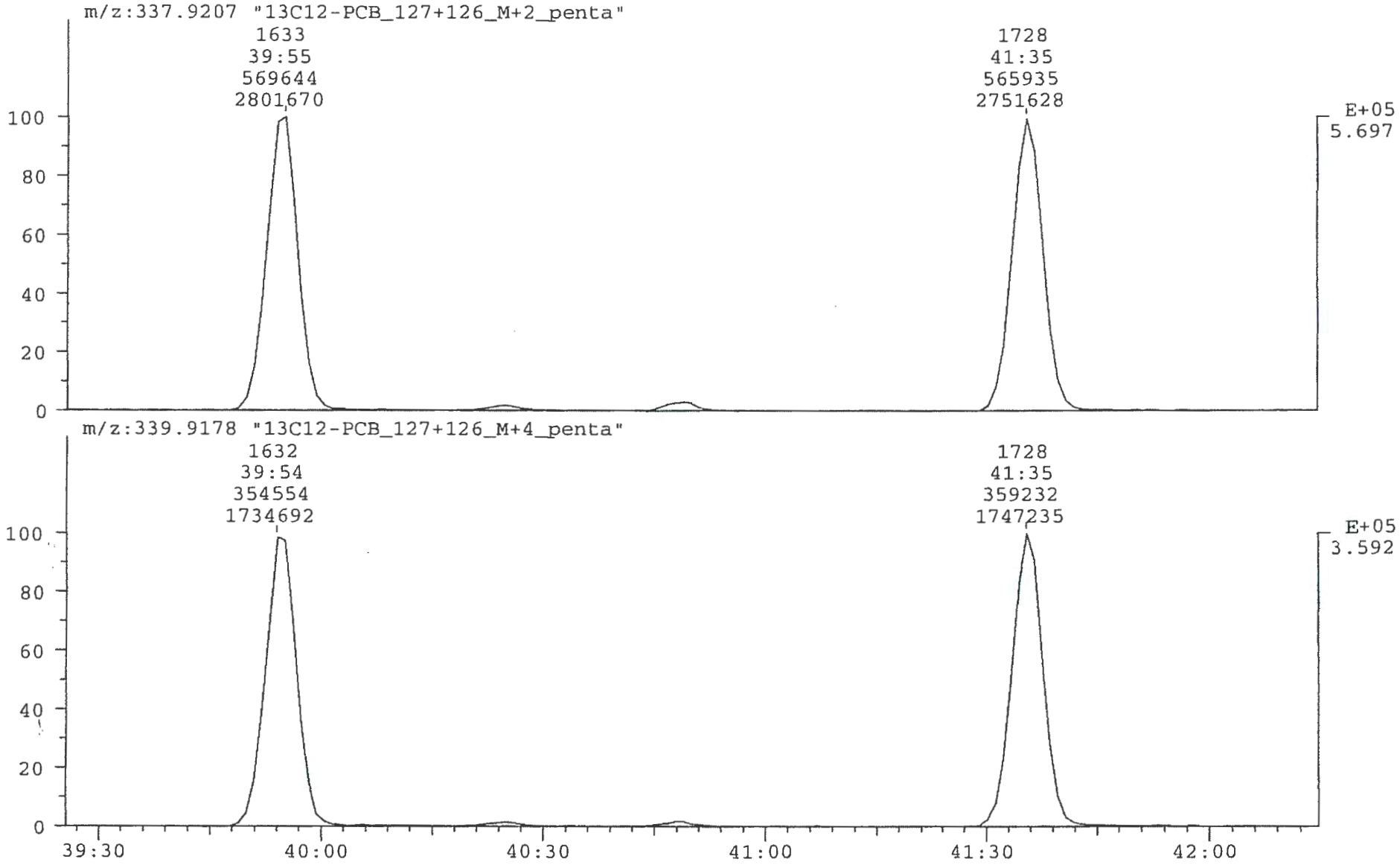
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  30:34      1107
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   801 > 1414            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



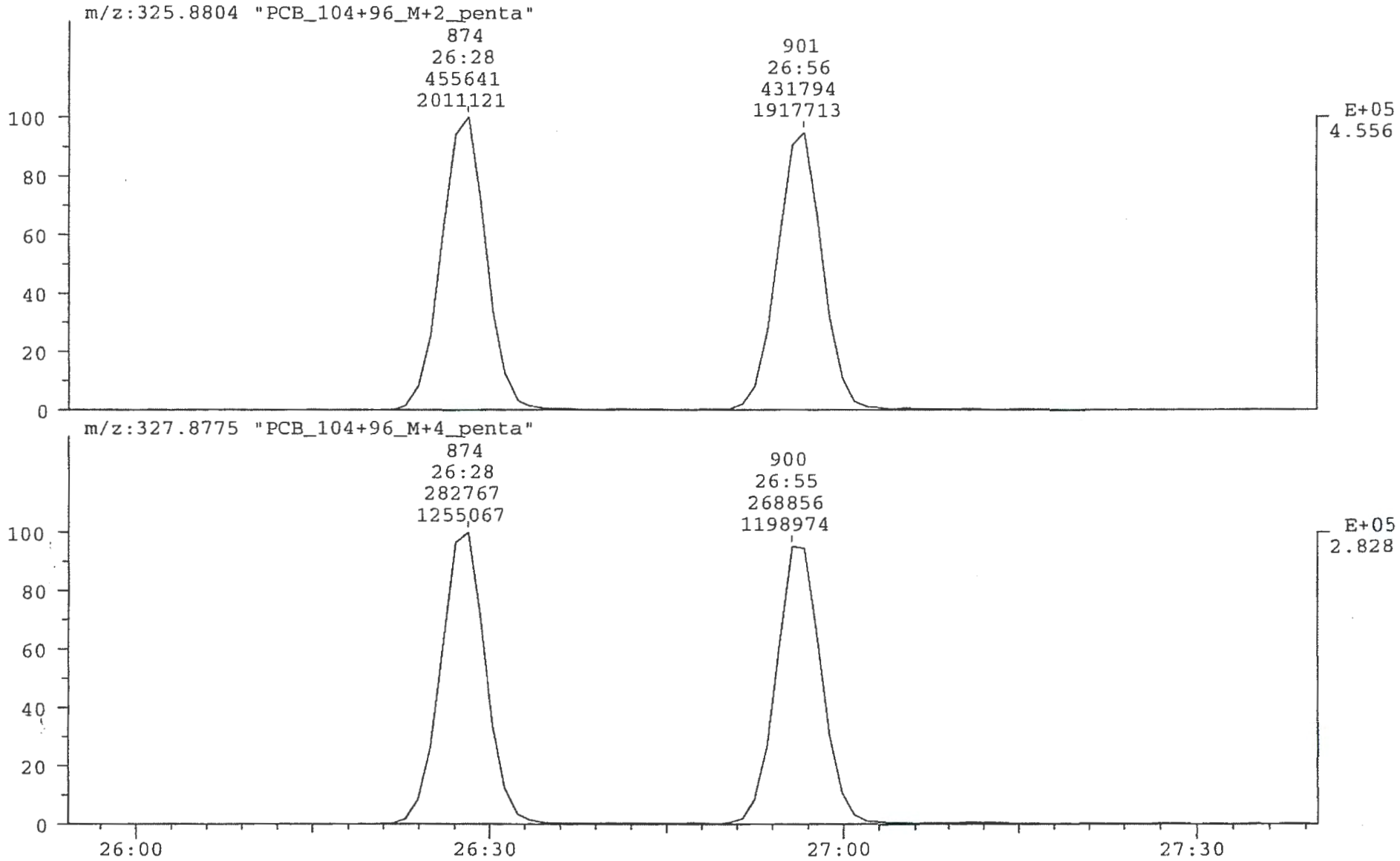
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  37:50      1515
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1450 > 1580           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



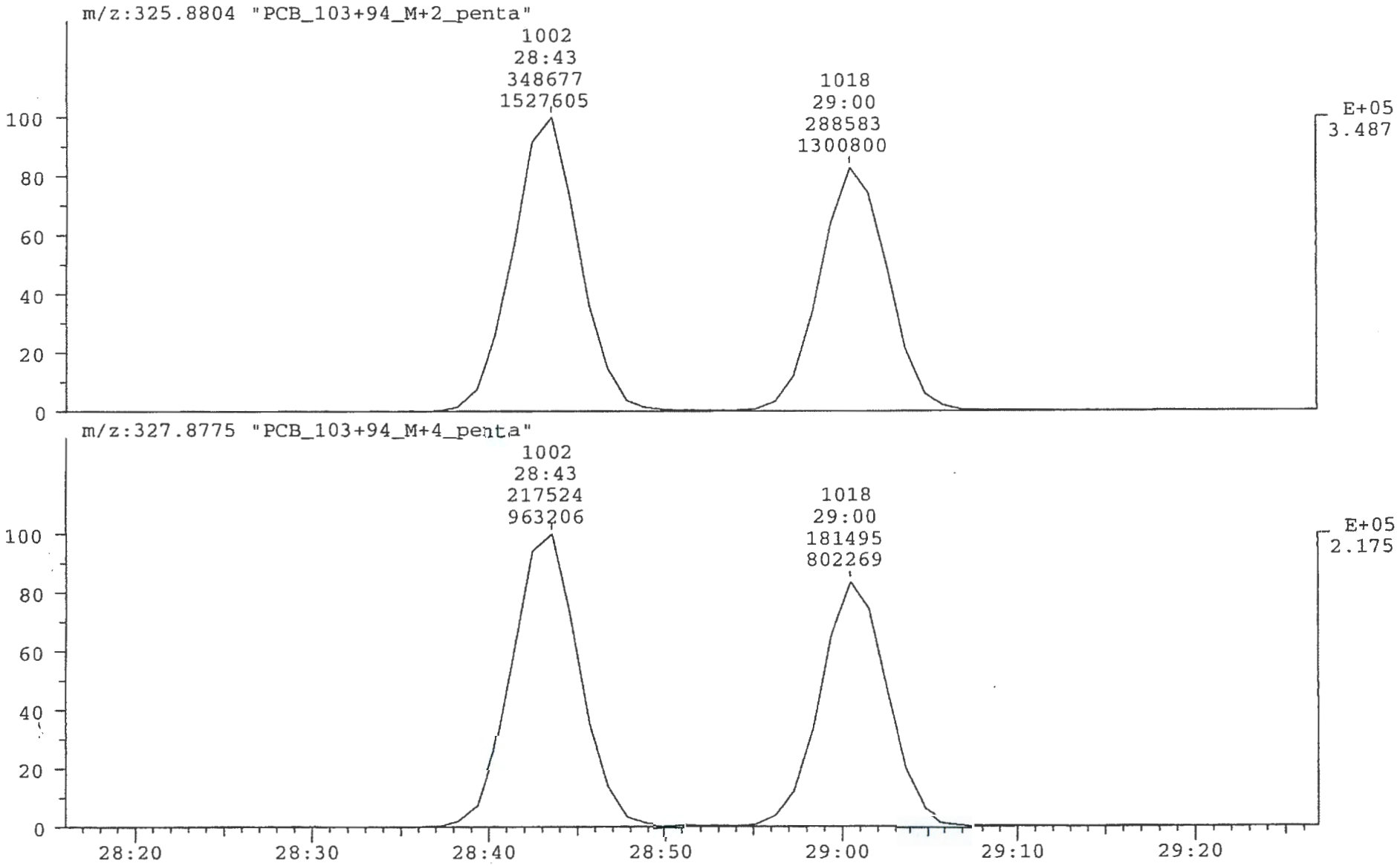
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  40:49      1685
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1605 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



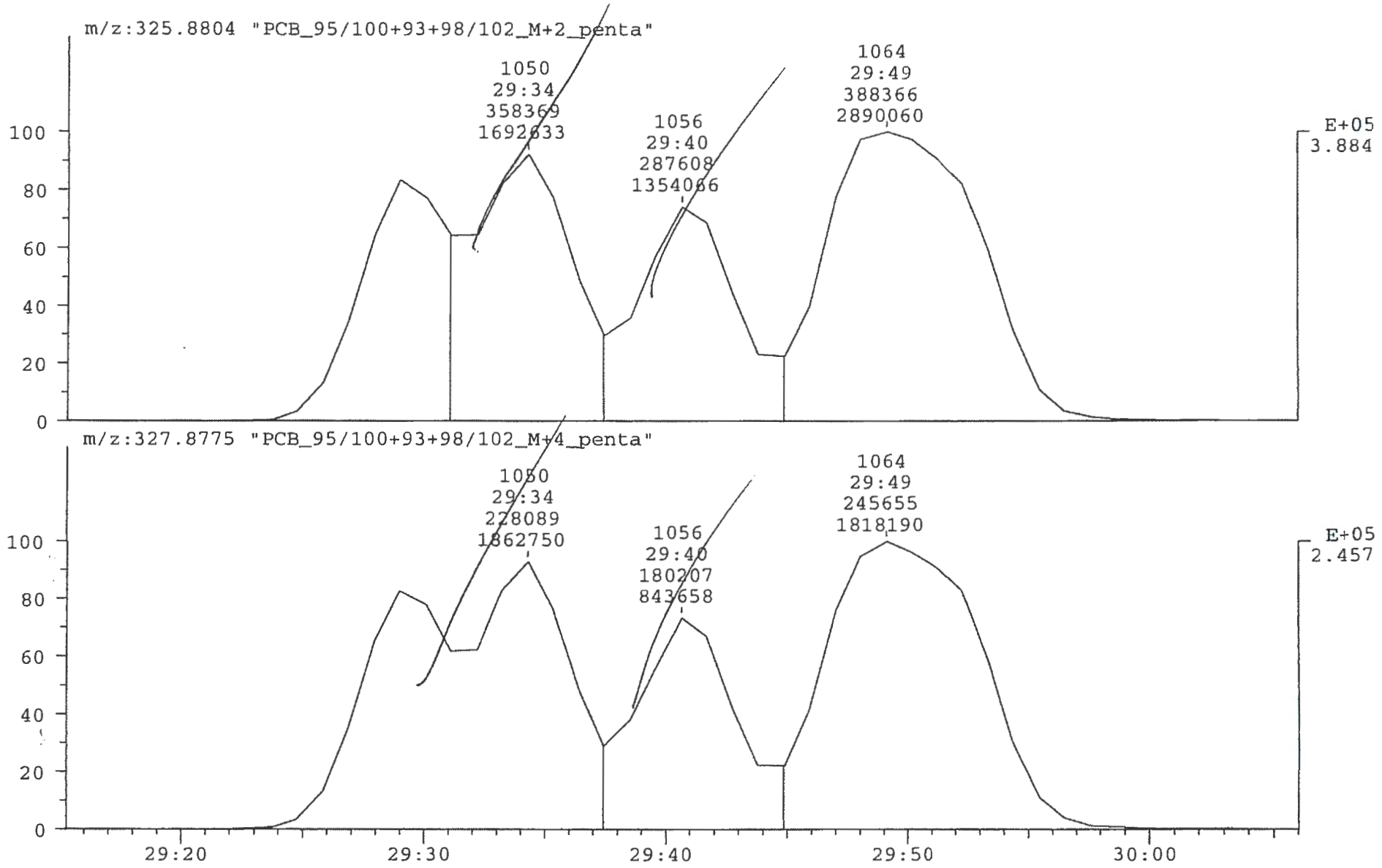
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  26:47.2      892
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   842 > 942             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



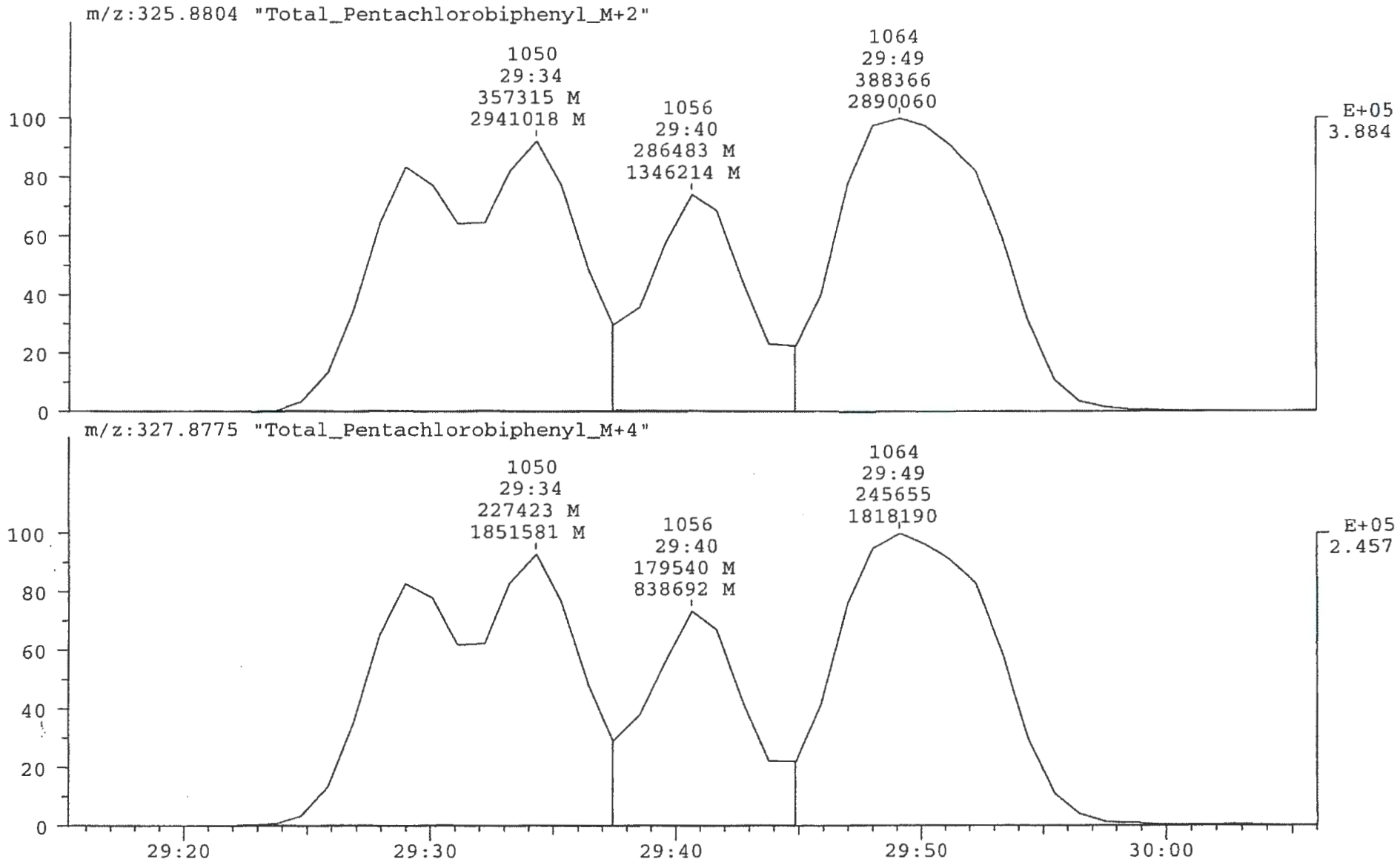
CHRO: a070313ss 14-Mar-07 Elapse: 28:58 1016
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 976 > 1043 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



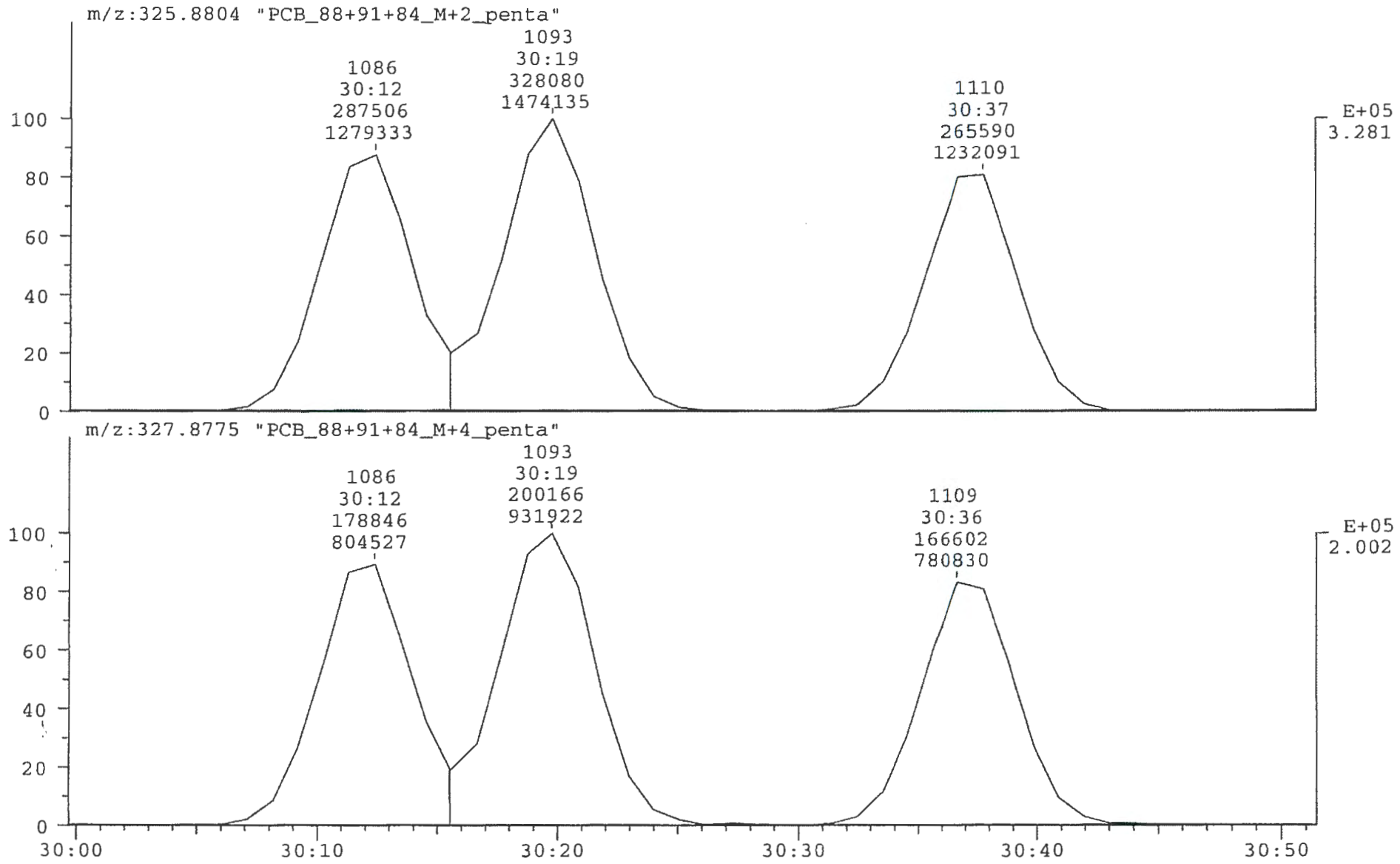
CHRO: a070313ss 14-Mar-07 Elapse: 29:43 1059
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1032 > 1080 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 4 Label : -3, 3.0
Disp: Height Area



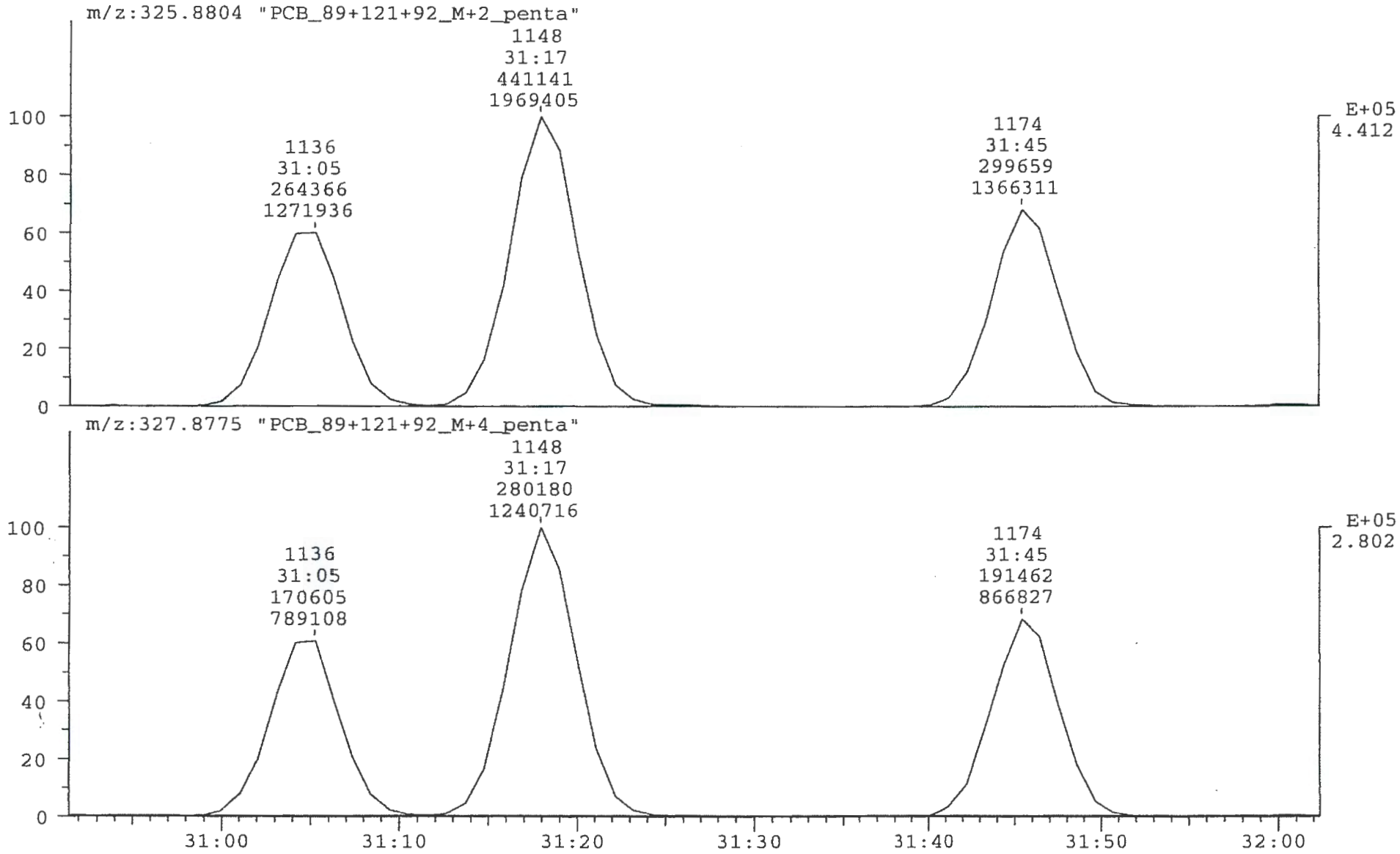
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  56:11      2554
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1032 > 1080           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



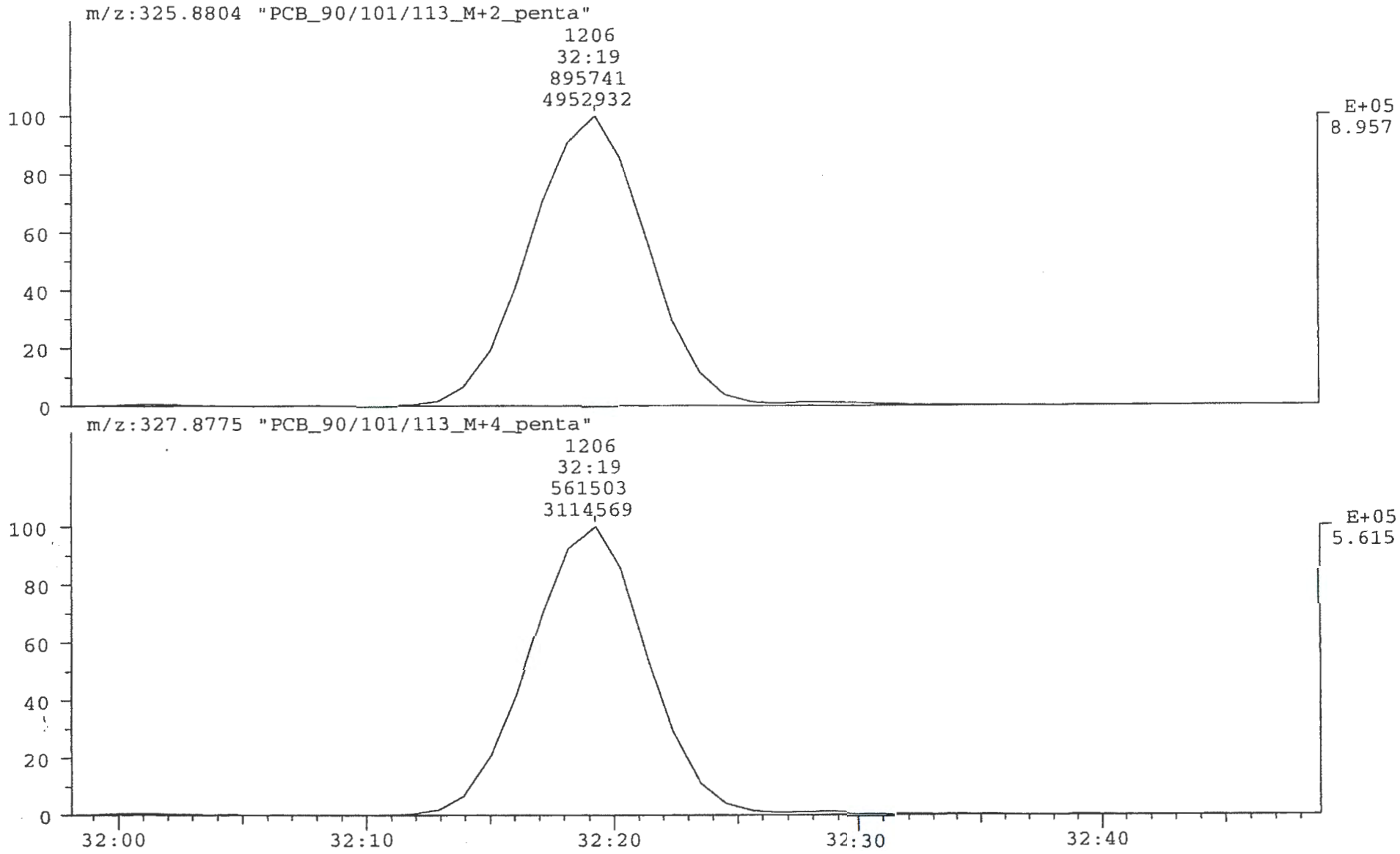
```
CHRO:  a070313ss                                14-Mar-07  Elapse:  30:30      1103
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1074 > 1123          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2               Label :  -3, 3.0
Disp:  Height  Area
```



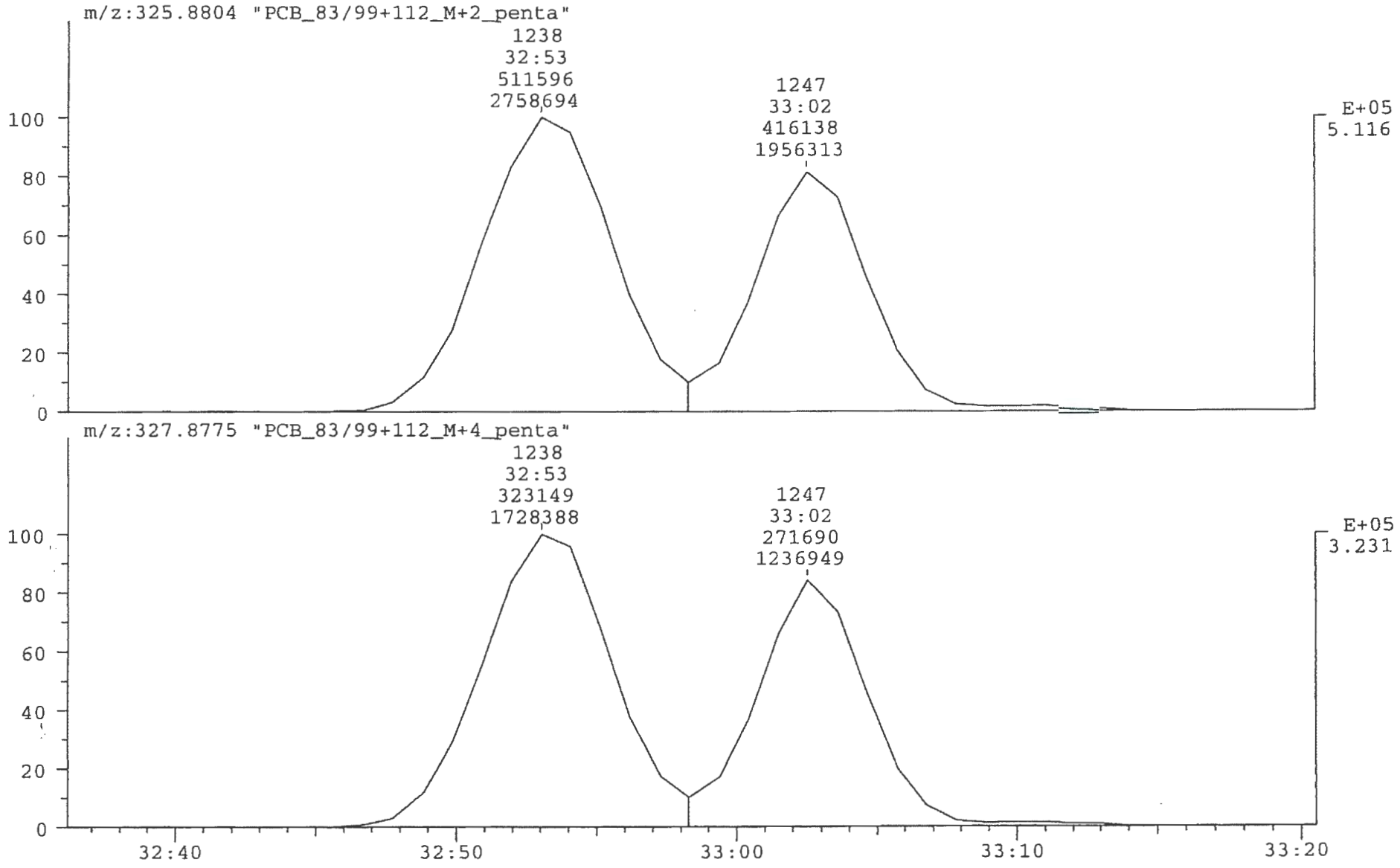
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  31:30      1160
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1123 > 1190           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



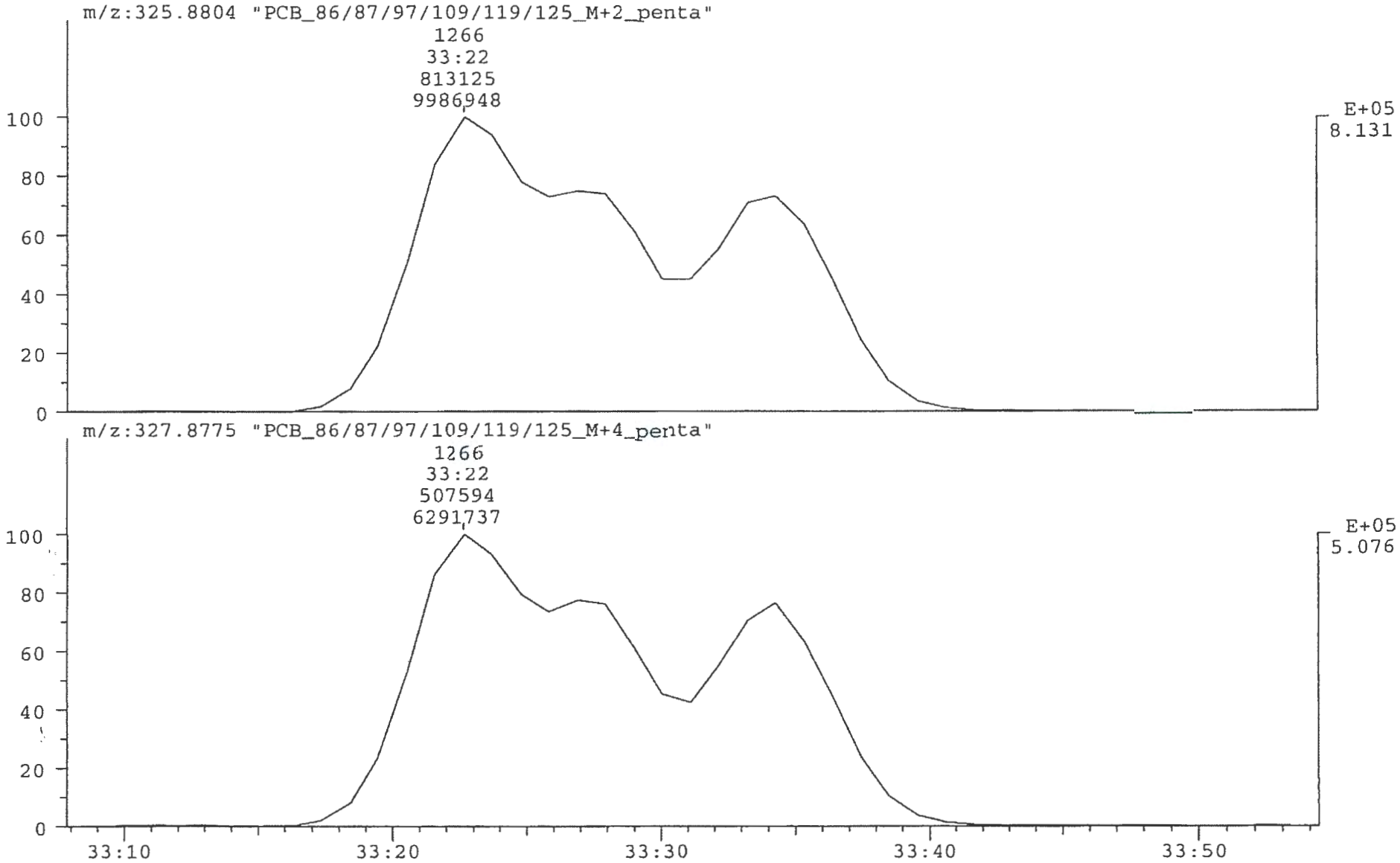
CHRO: a070313ss 14-Mar-07 Elapse: 32:22 1209
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1186 > 1234 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



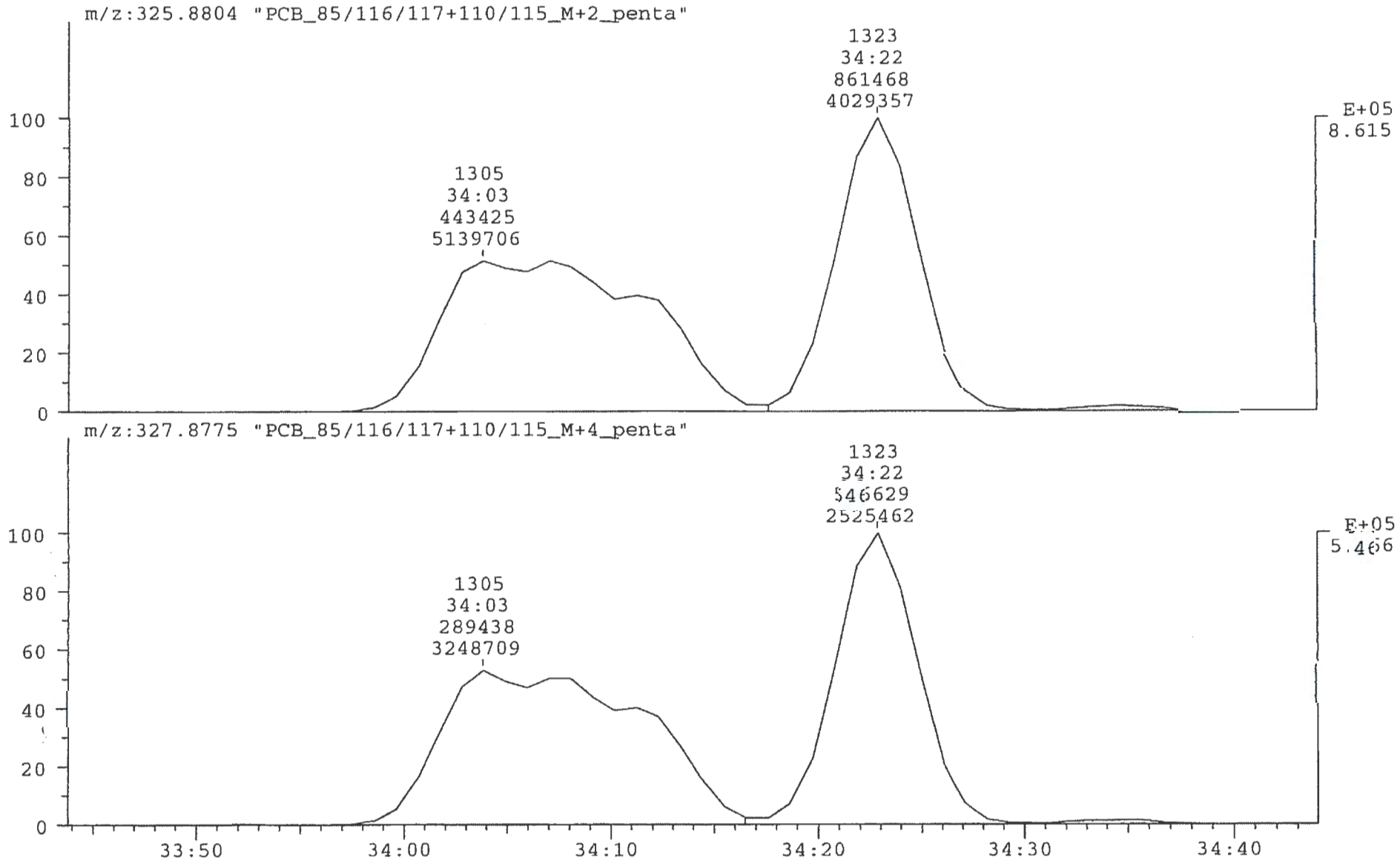
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  33:02      1247
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



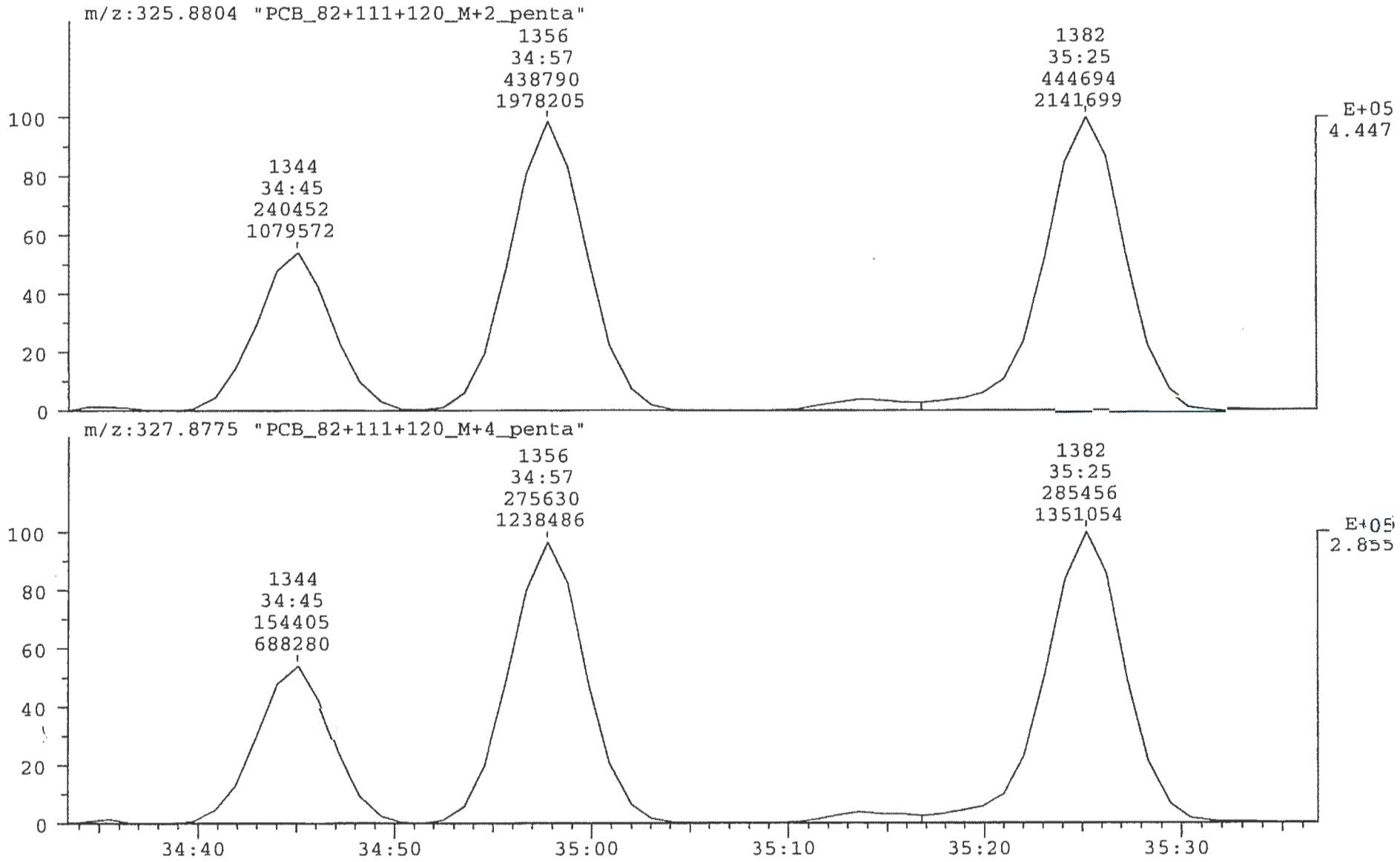
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  33:36      1279
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1252 > 1296           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313ss                                14-Mar-07   Elapse:  34:22      1323
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1286 > 1343           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 6                Label :  -3, 3.0
Disp:  Height  Area
```

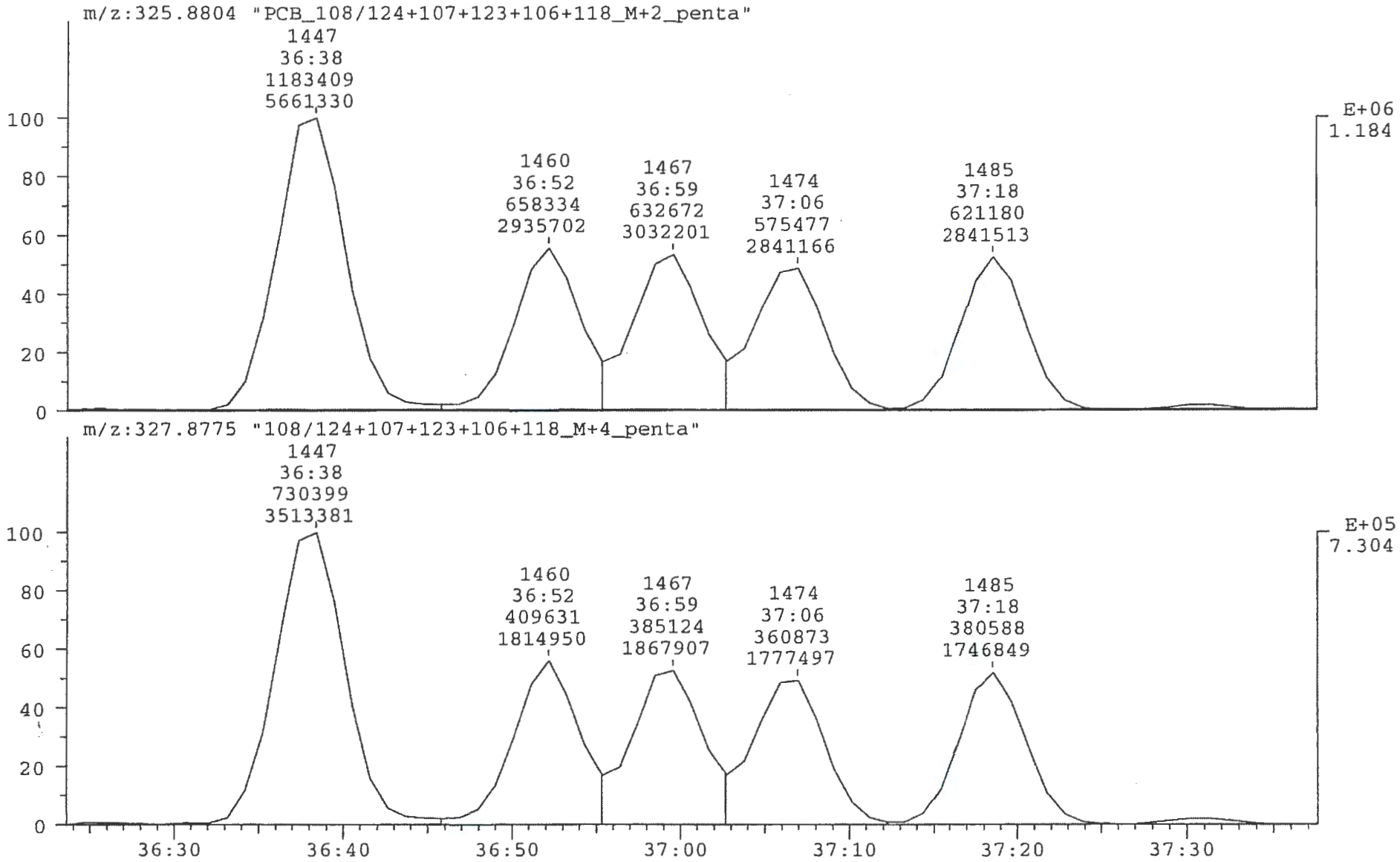


```
CHRO:  a070313ss                                14-Mar-07   Elapse:  34:54      1353
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1333 > 1393           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```

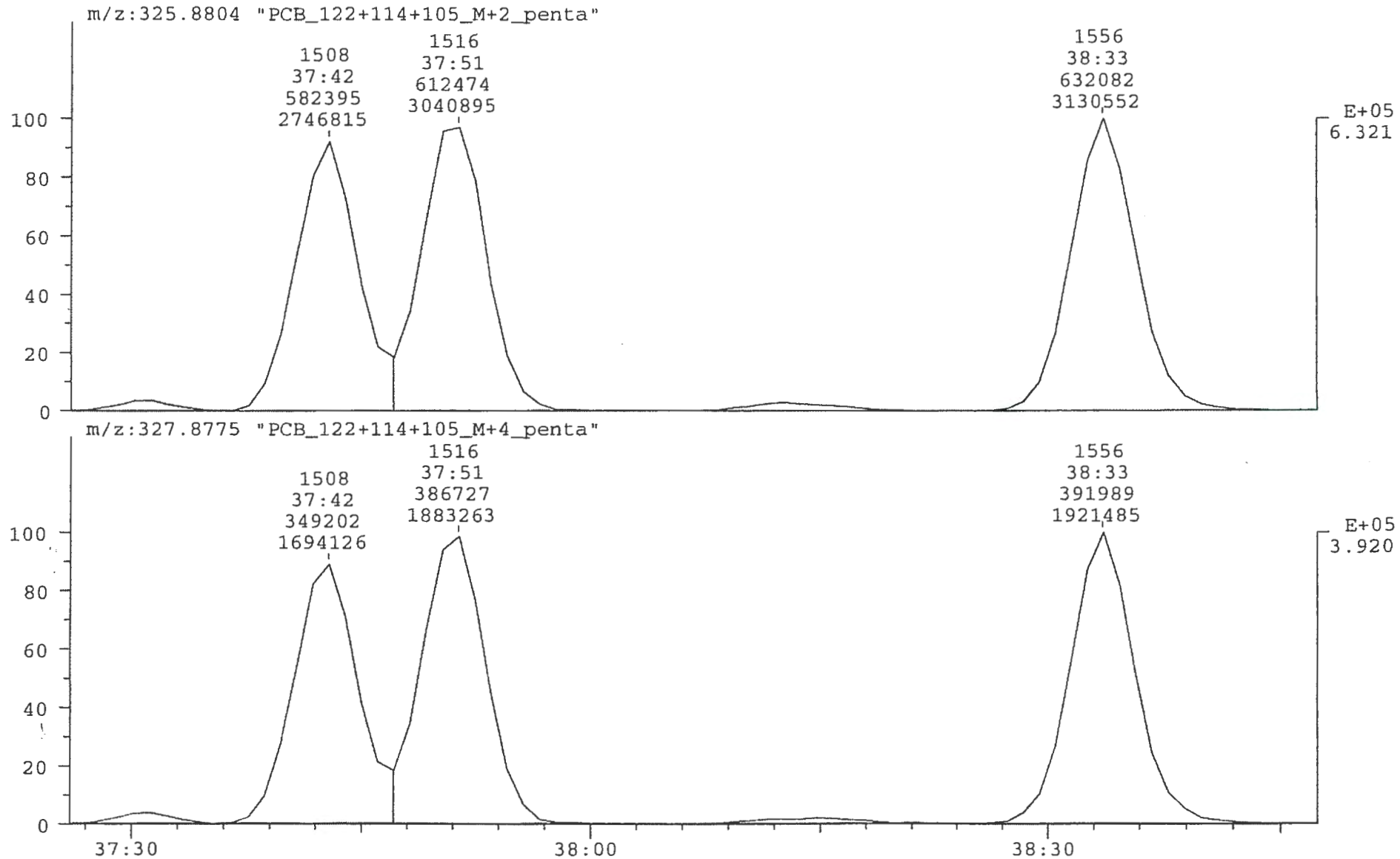


1802

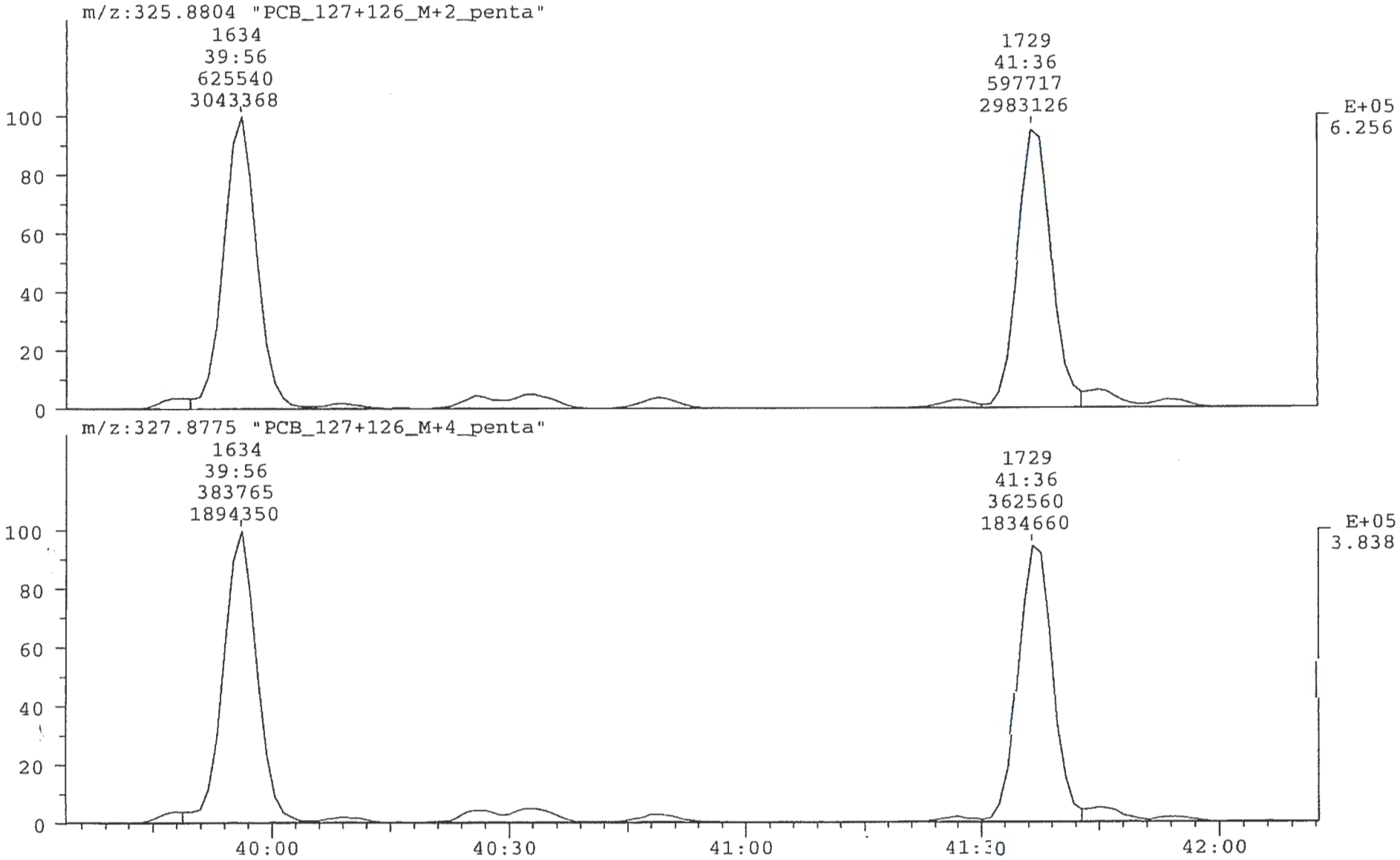
CHRO: a070313ss 14-Mar-07 Elapse: 37:11 1478
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1433 > 1503 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313ss                                14-Mar-07  Elapse:  38:13      1537
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1492 > 1569          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```

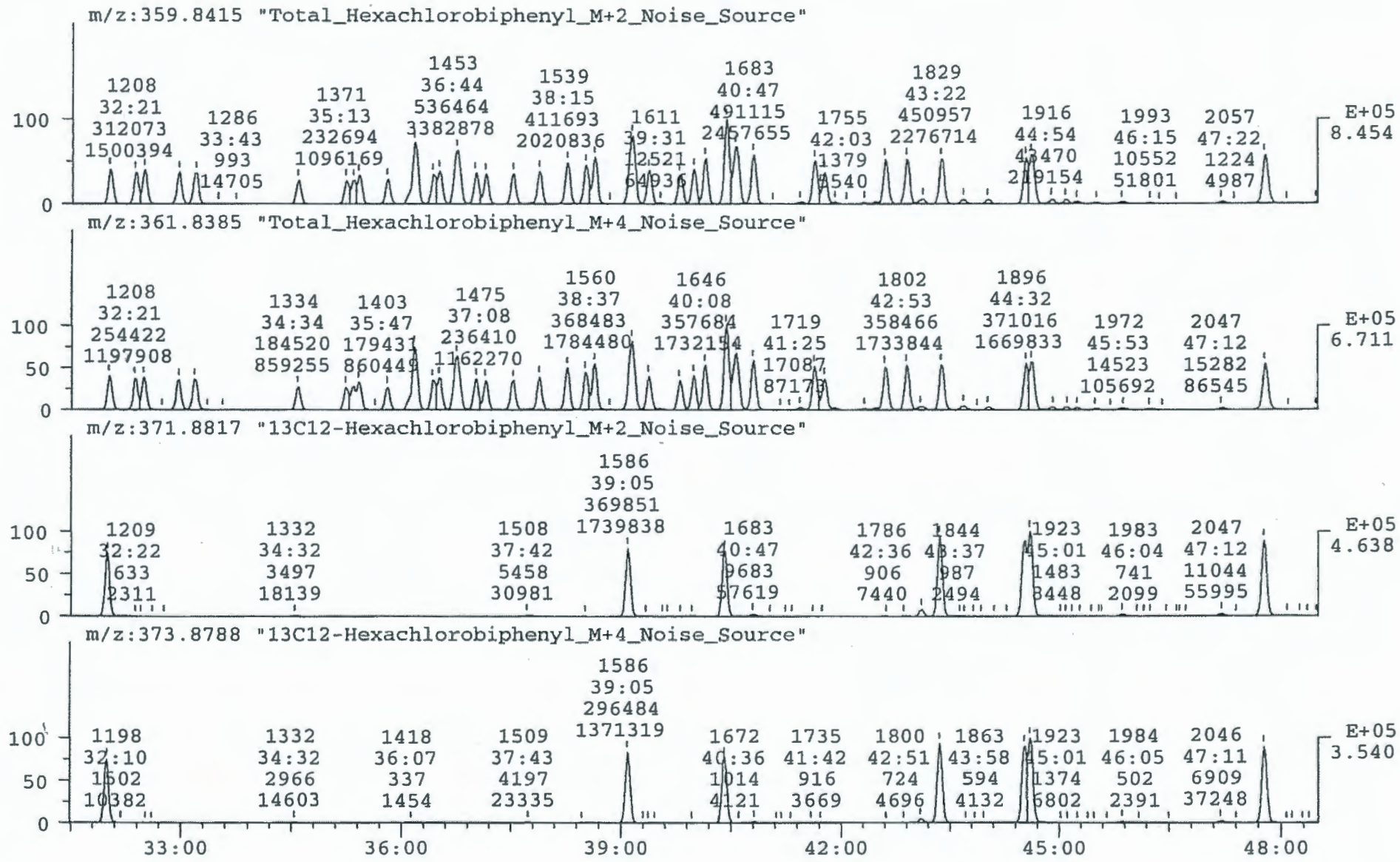


CHRO: a070313ss 14-Mar-07 Elapse: 40:53 1688
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1613 > 1763 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area

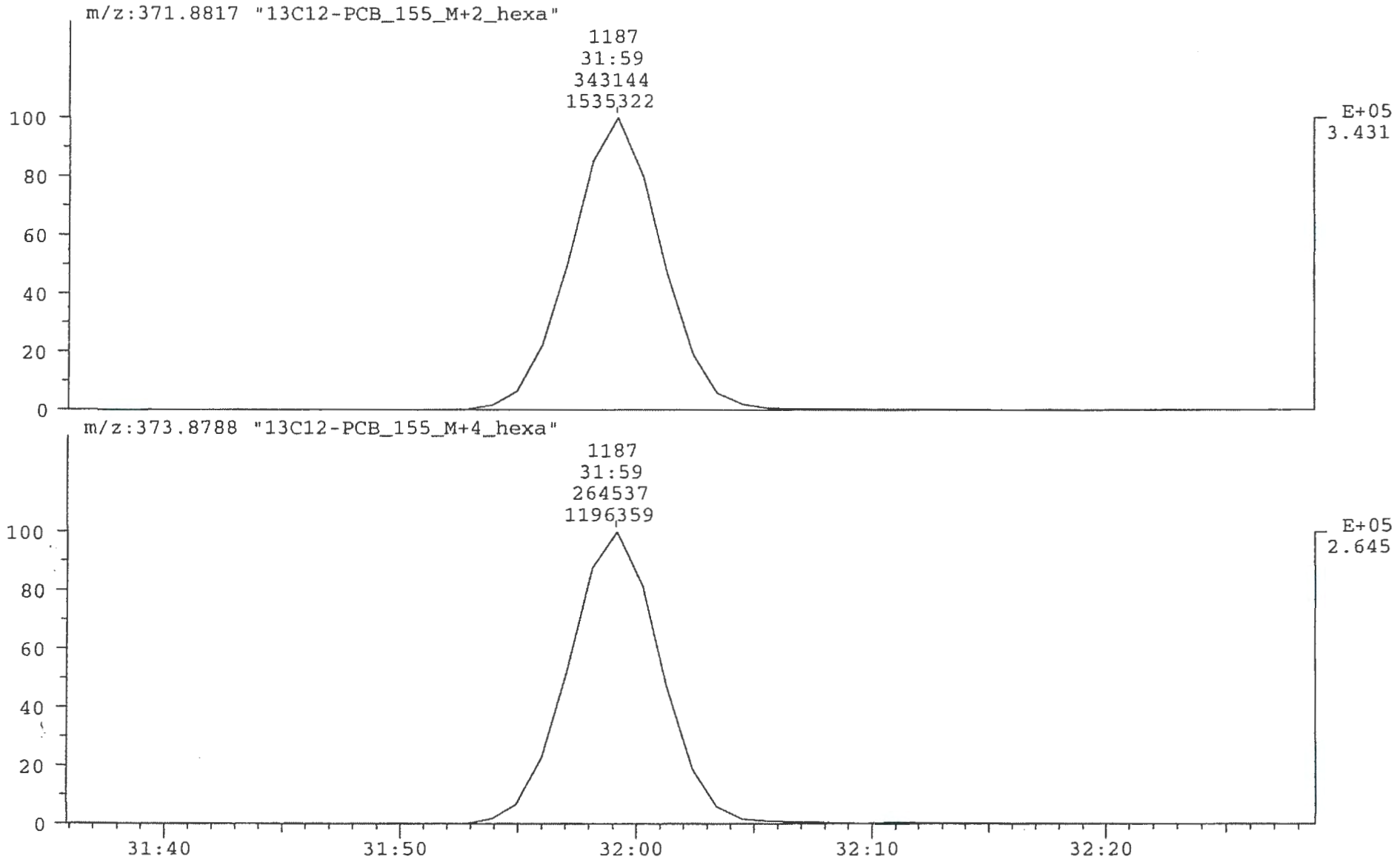


1805

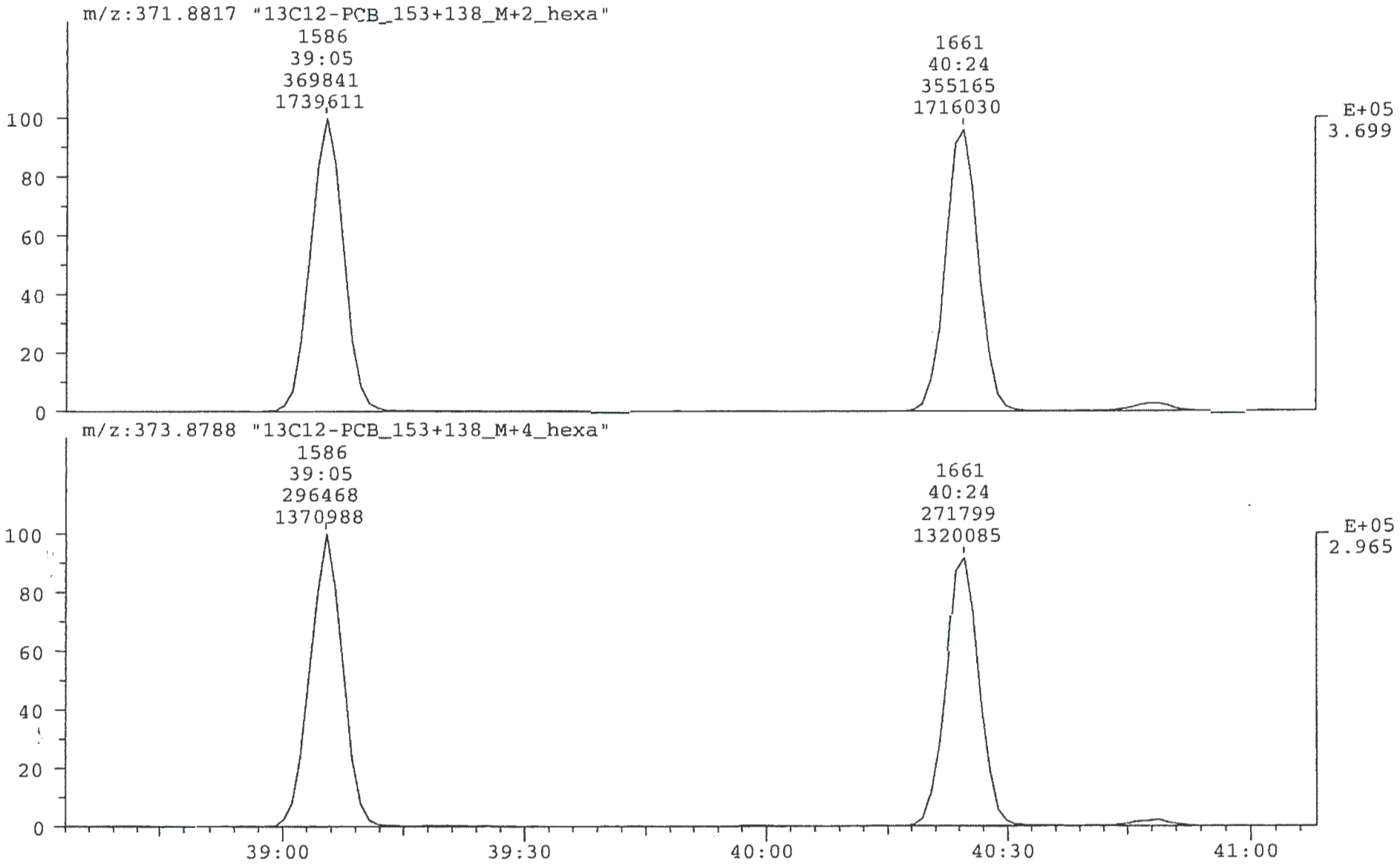
CHRO: a070313ss 14-Mar-07 Elapse: 39:59 1637
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1158 > 2121 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



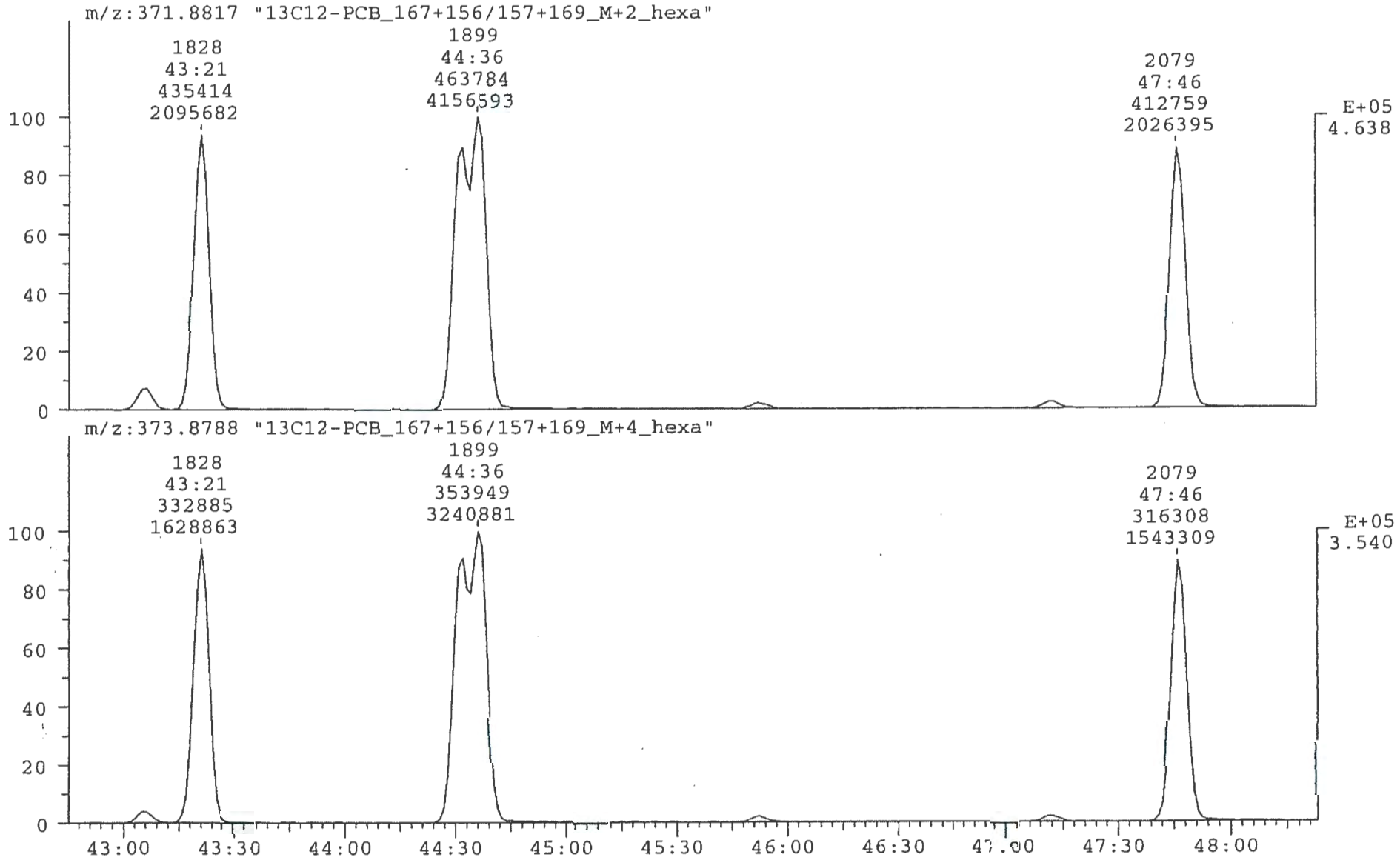
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  32:02      1190
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



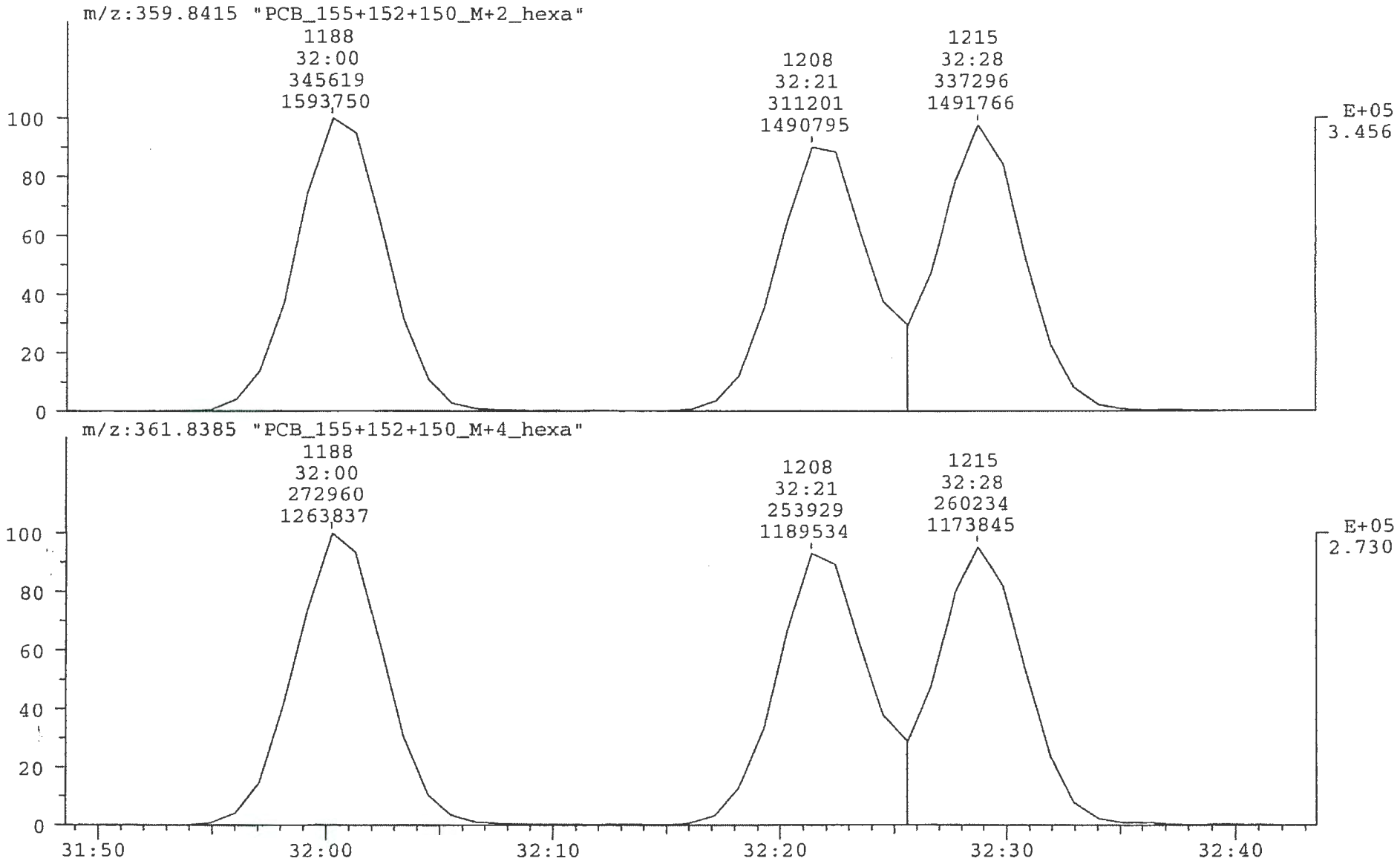
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  39:49      1628
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1555 > 1702           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



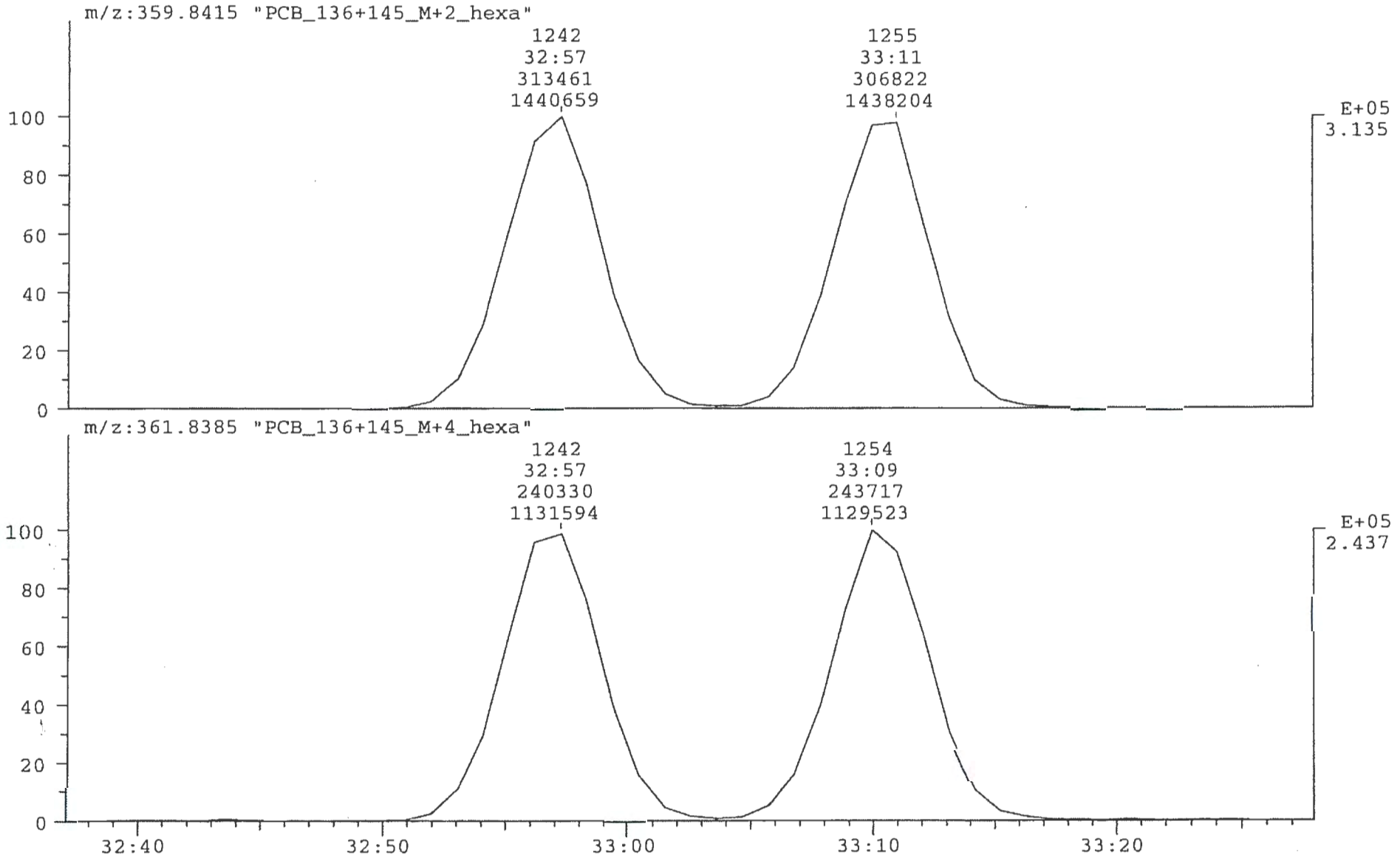
CHRO: a070313ss 14-Mar-07 Elapse: 45:39 1959
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1794 > 2114 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 9 Label : -3, 3.0
Disp: Height Area



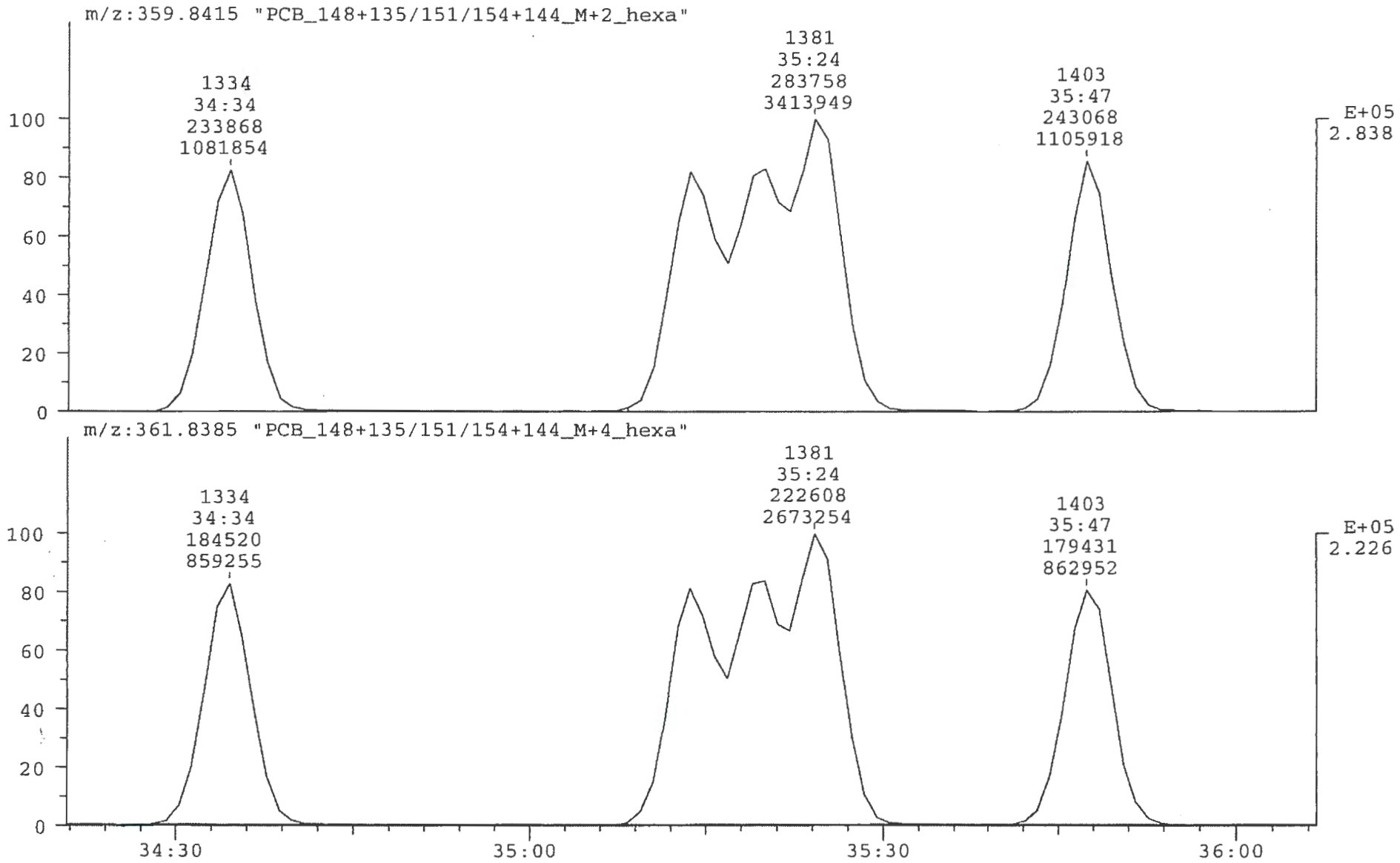
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  32:20      1207
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1177 > 1229           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



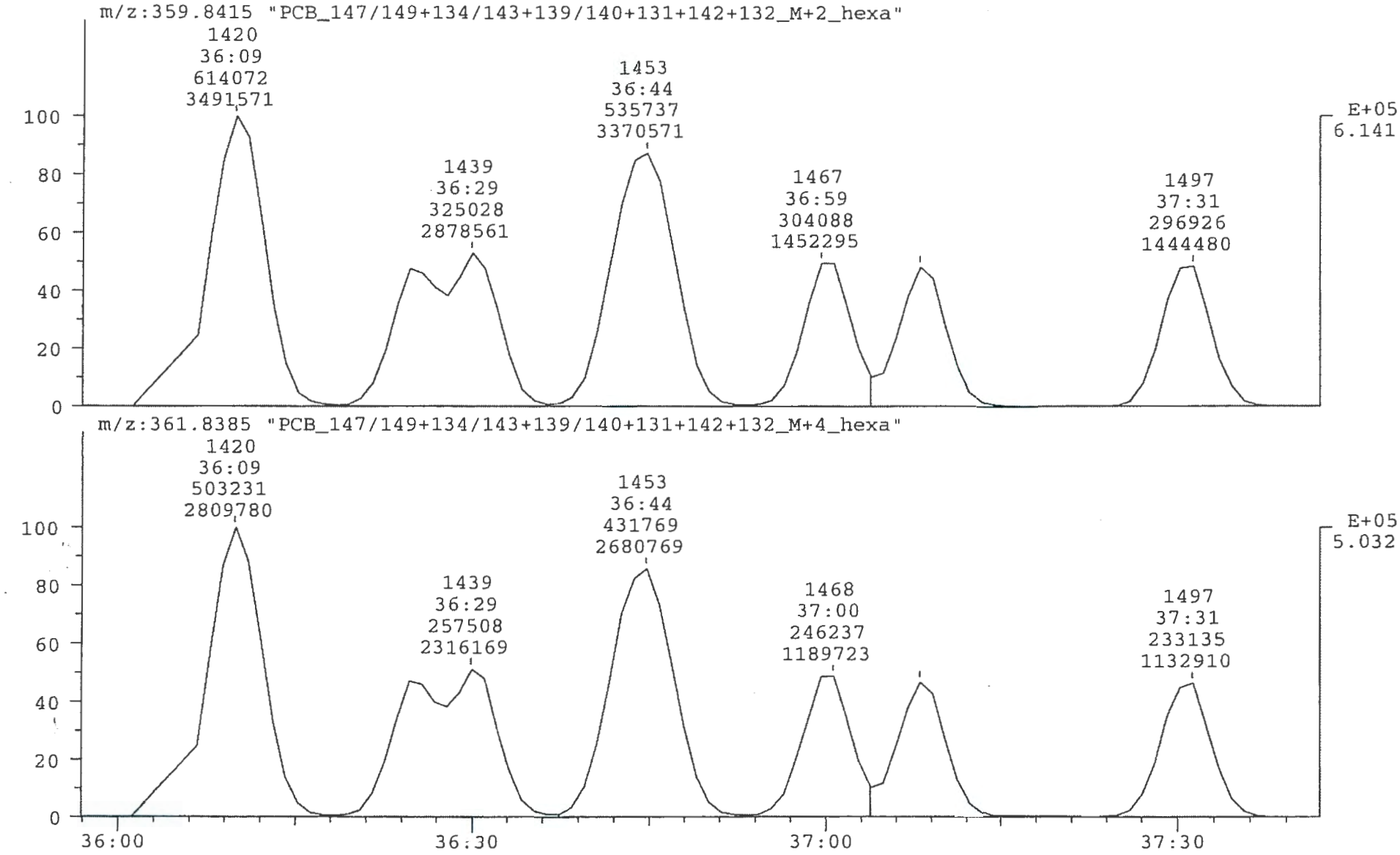
CHRO: a070313ss 14-Mar-07 Elapse: 33:08 1253
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1223 > 1271 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



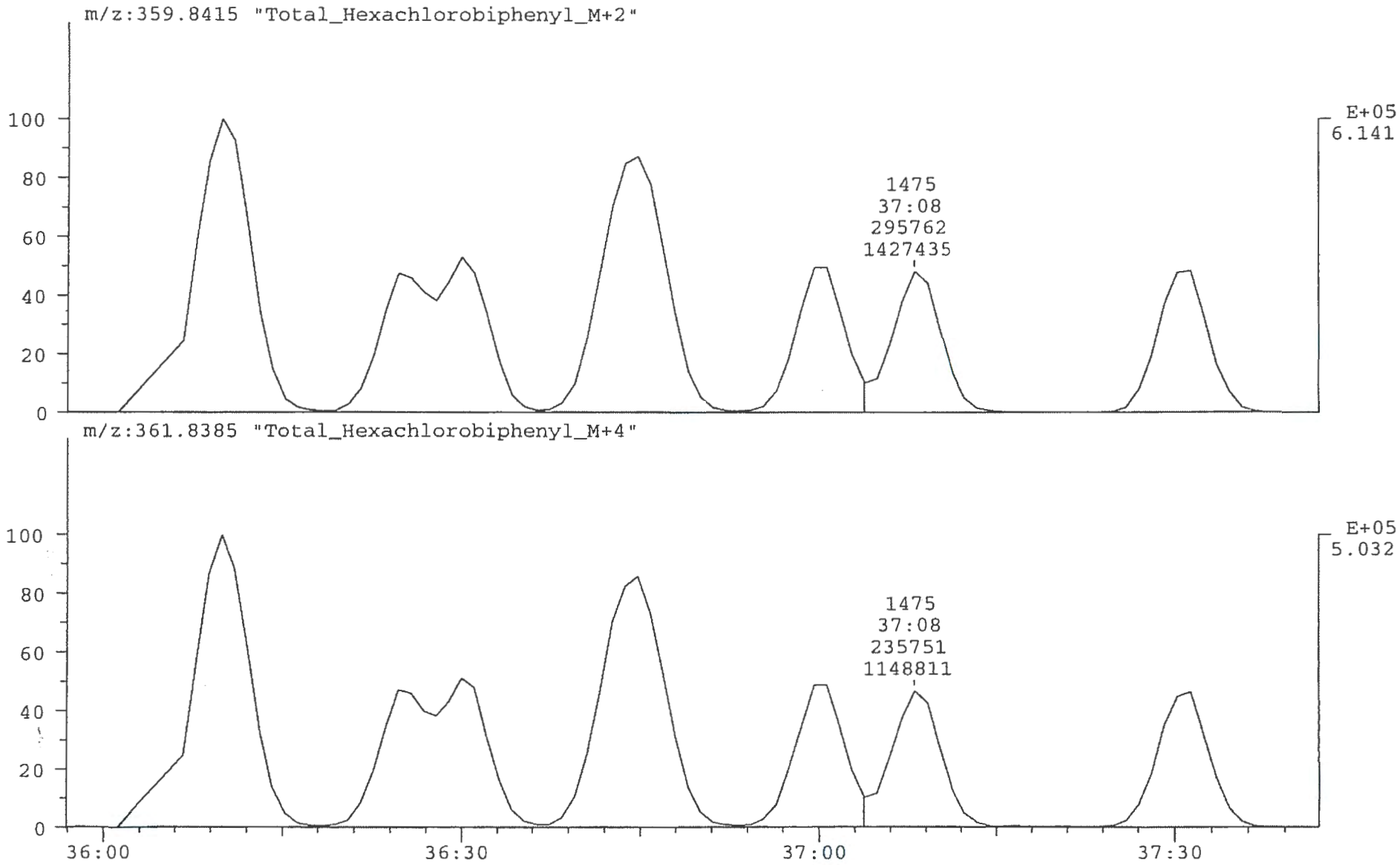
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  35:22      1379
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1321 > 1417           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



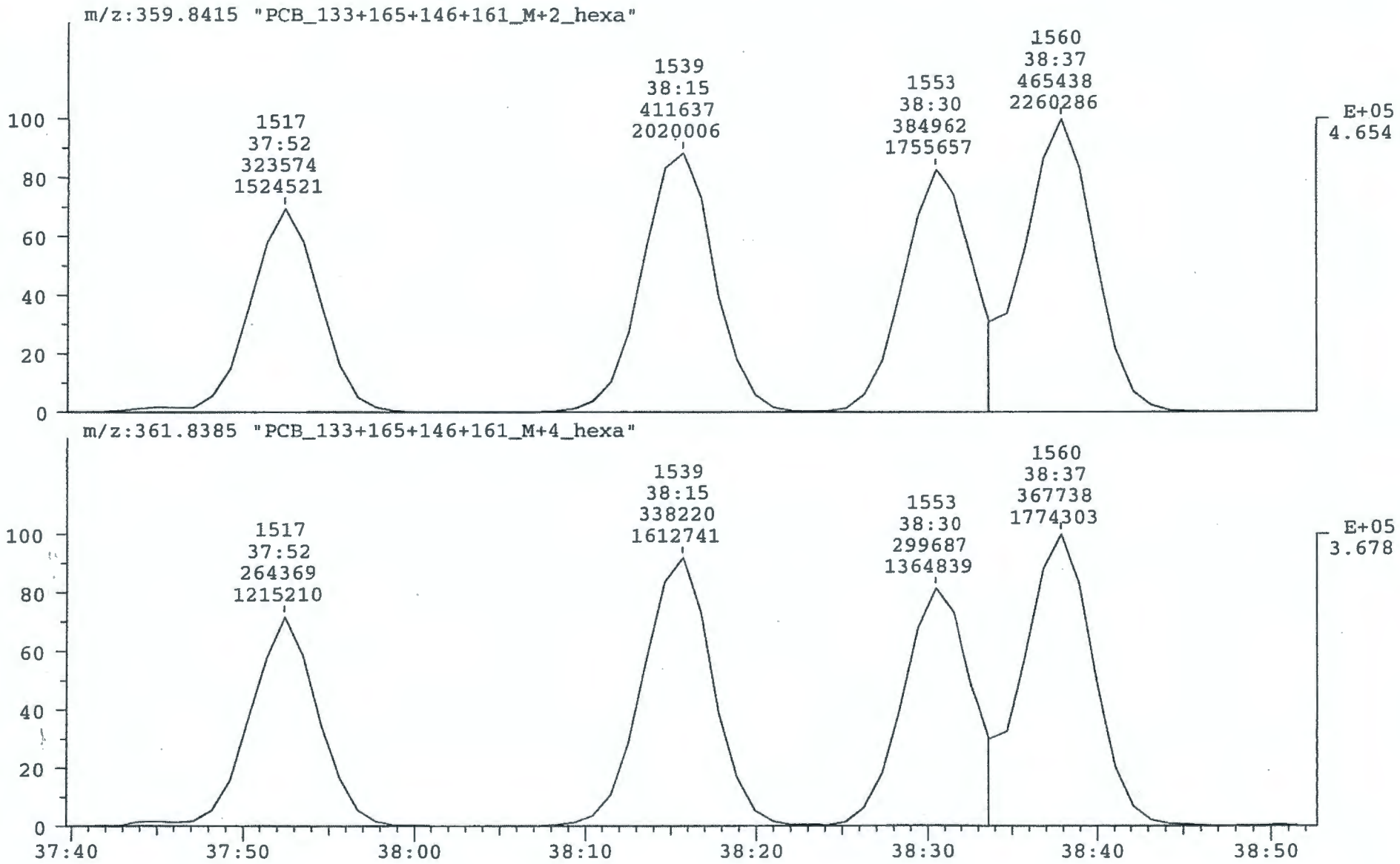
CHRO: a070313ss 14-Mar-07 Elapse: 36:45 1454
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1412 > 1507 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



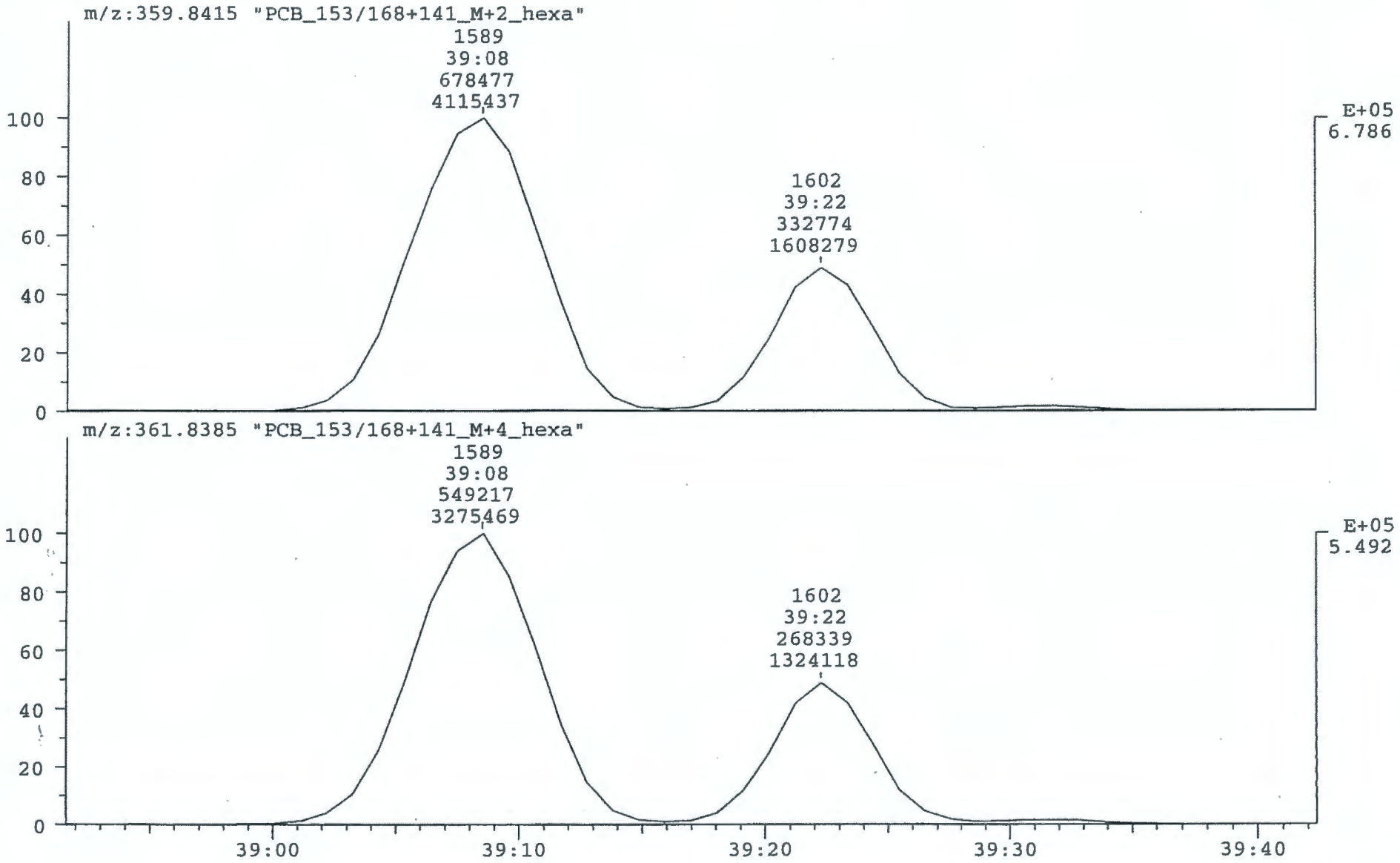
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  37:08      1475
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1472 > 1478           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



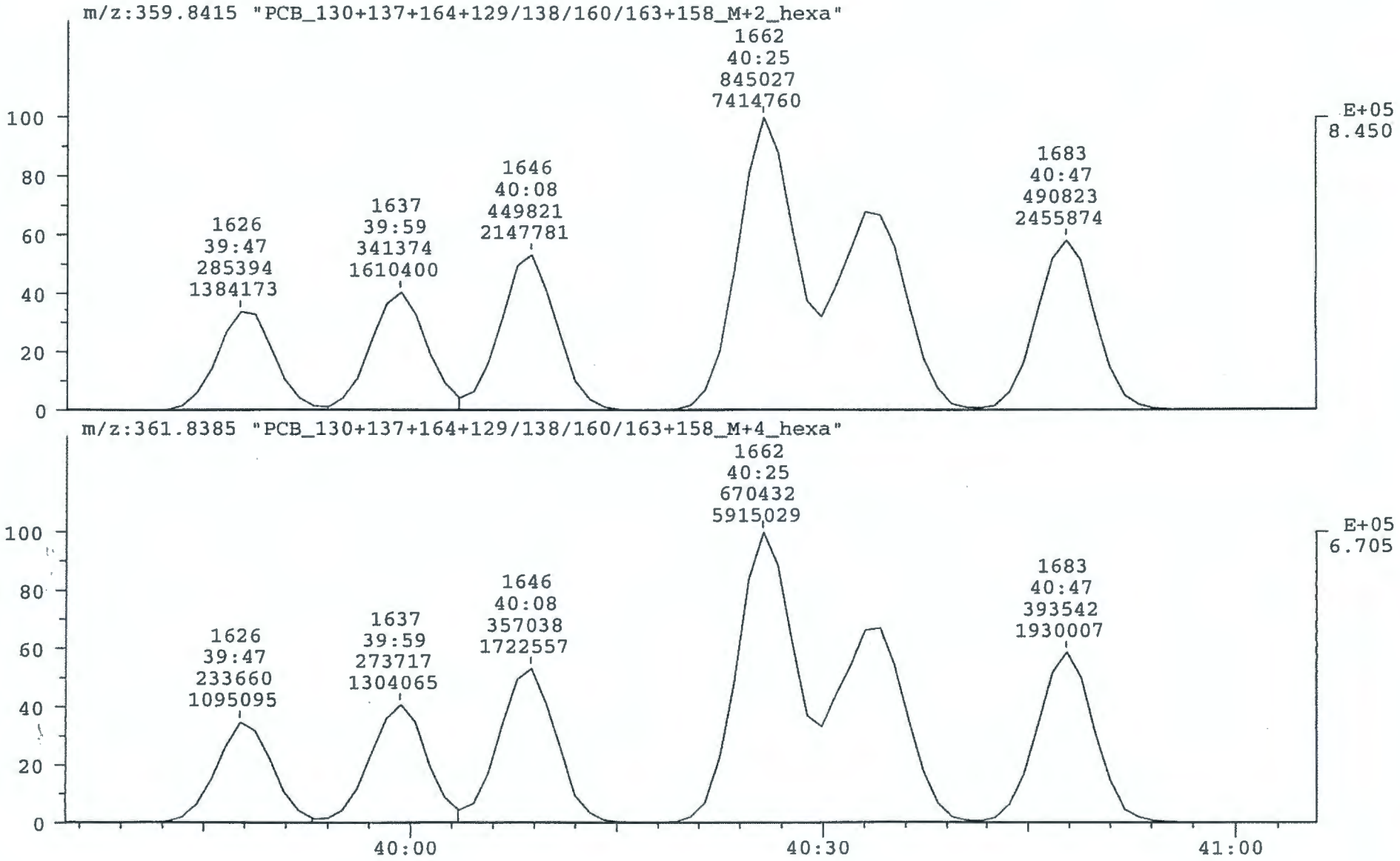
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  38:22      1545
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1505 > 1574           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



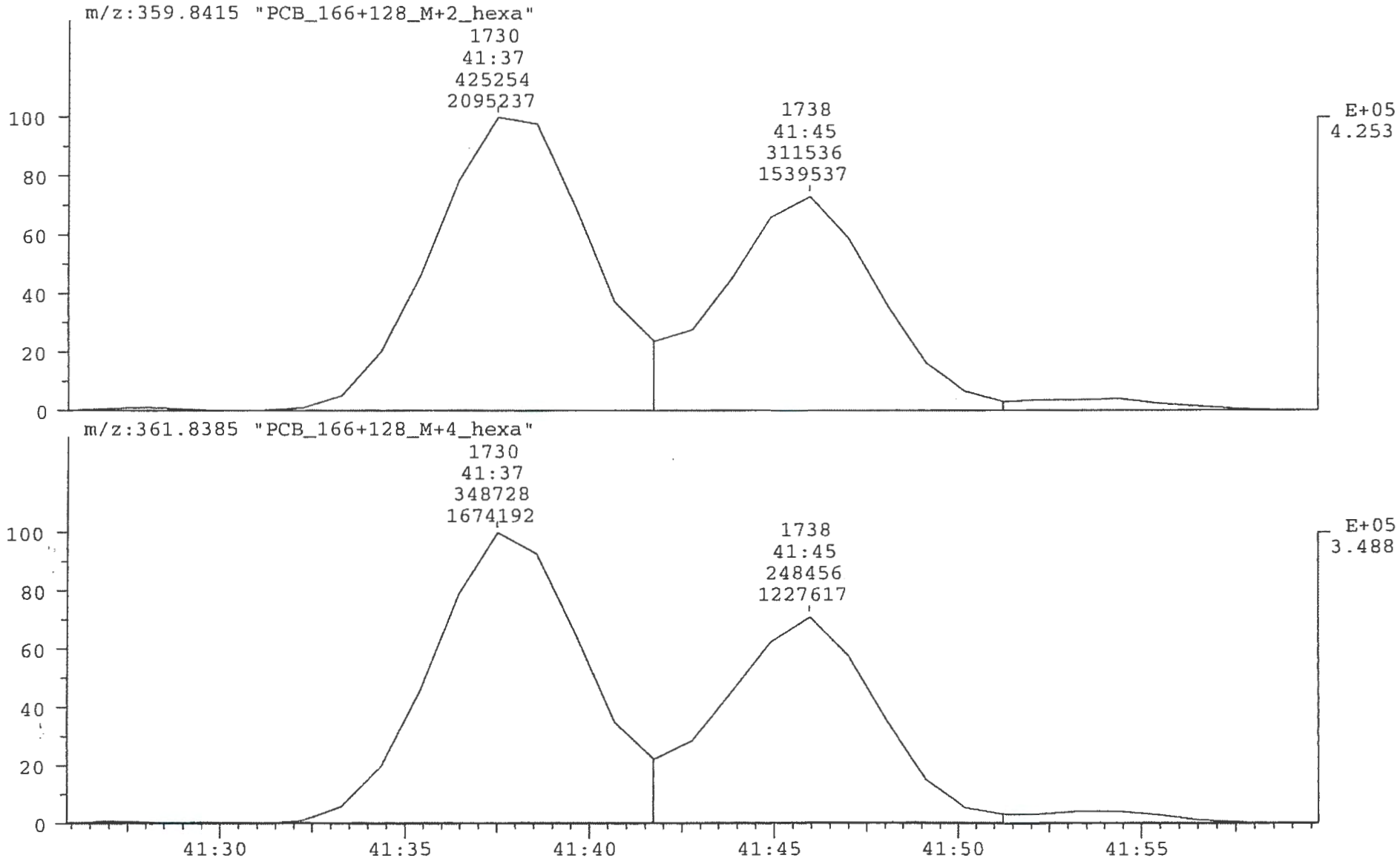
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  39:21      1601
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1573 > 1621           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



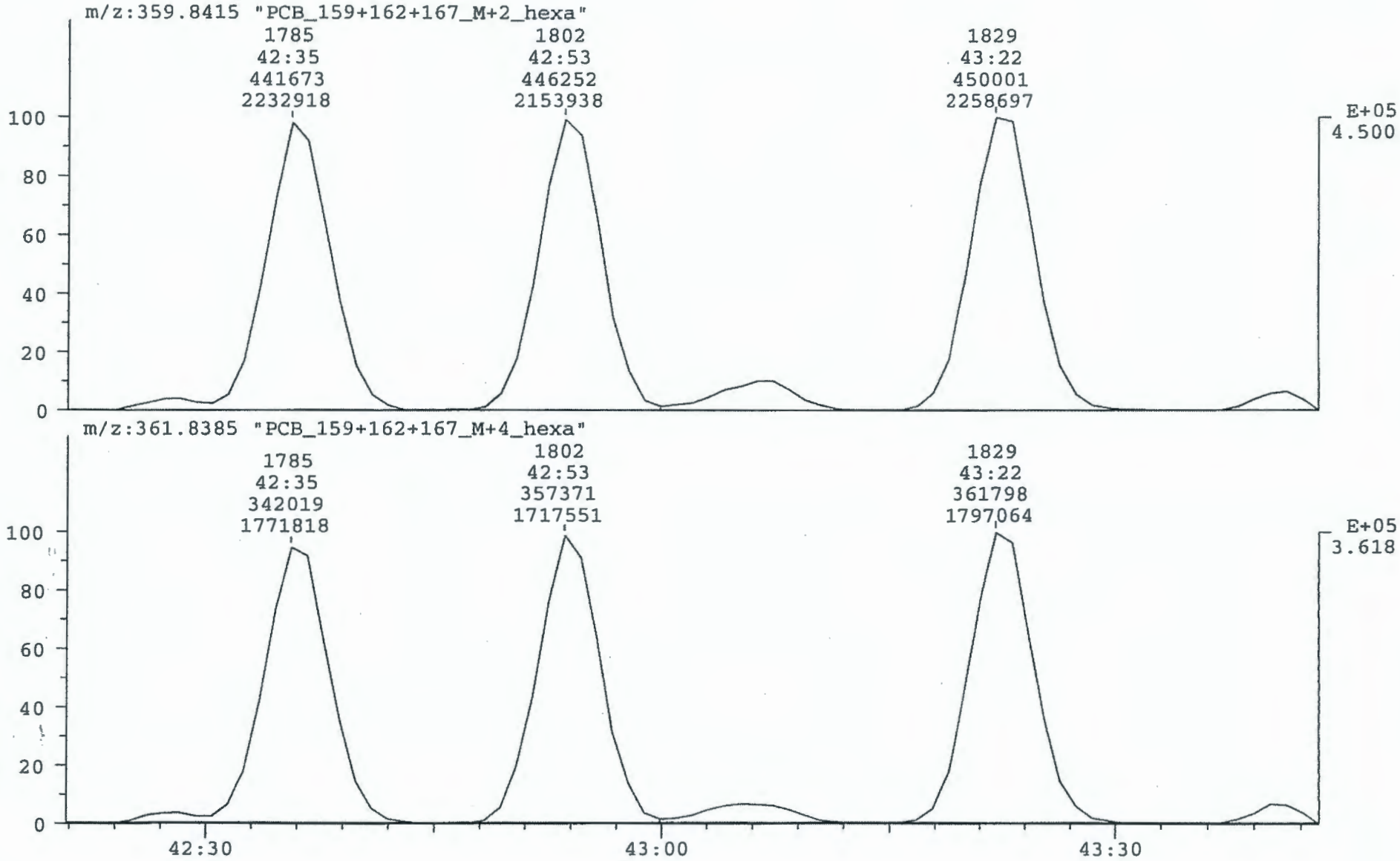
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  40:23      1660
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



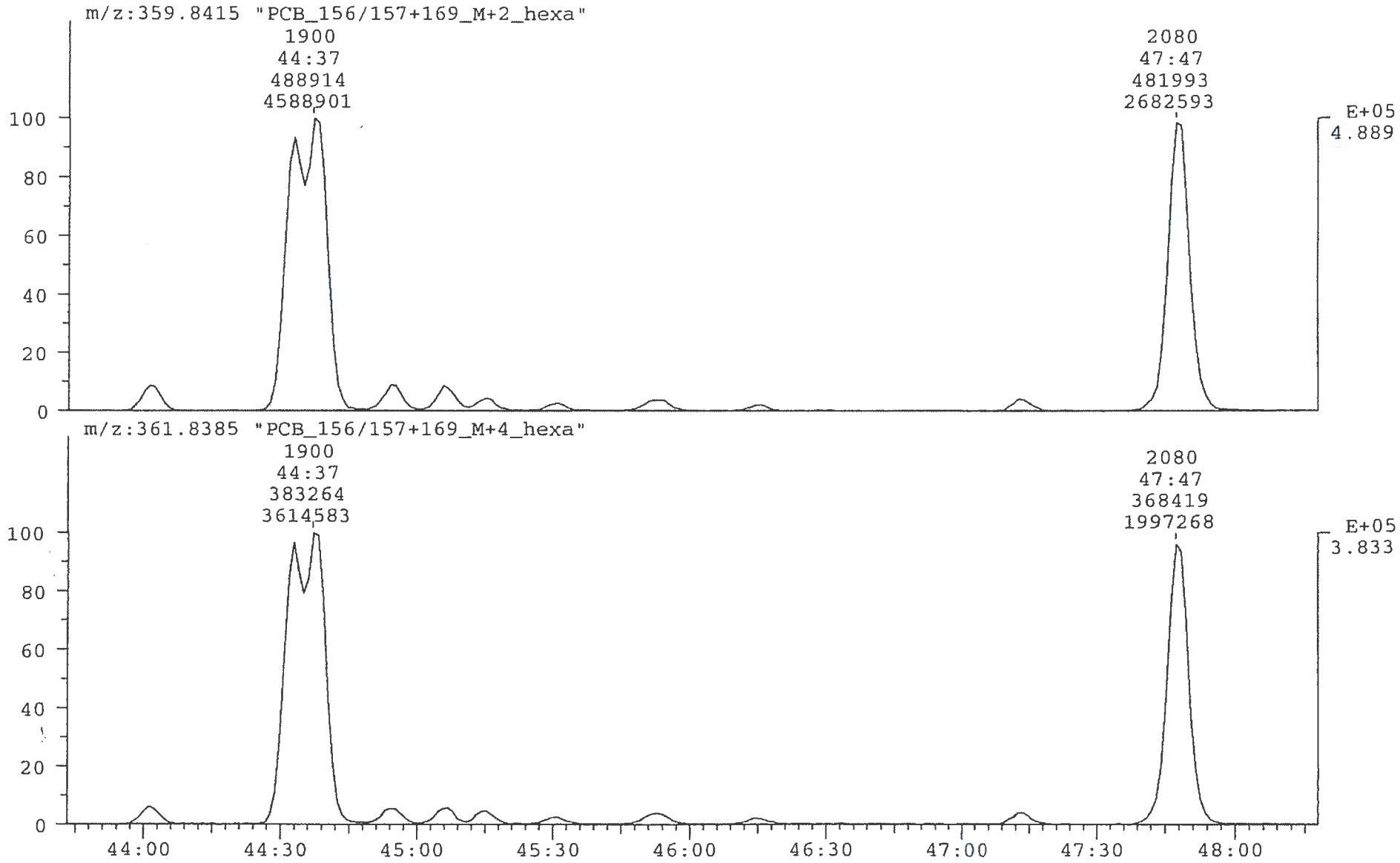
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  41:47      1739
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1719 > 1751           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



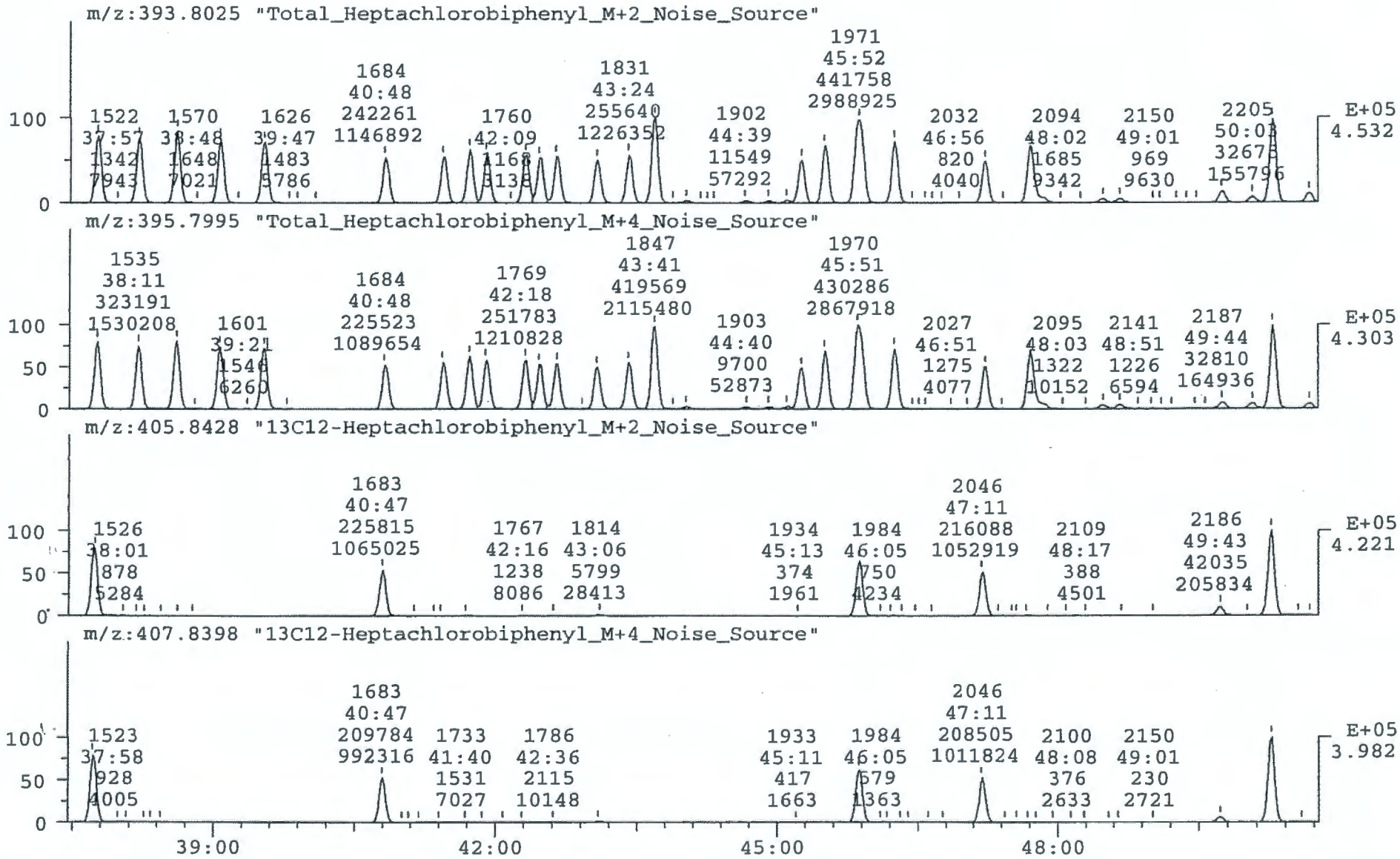
CHRO: a070313ss 14-Mar-07 Elapse: 43:06 1814
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1771 > 1849 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



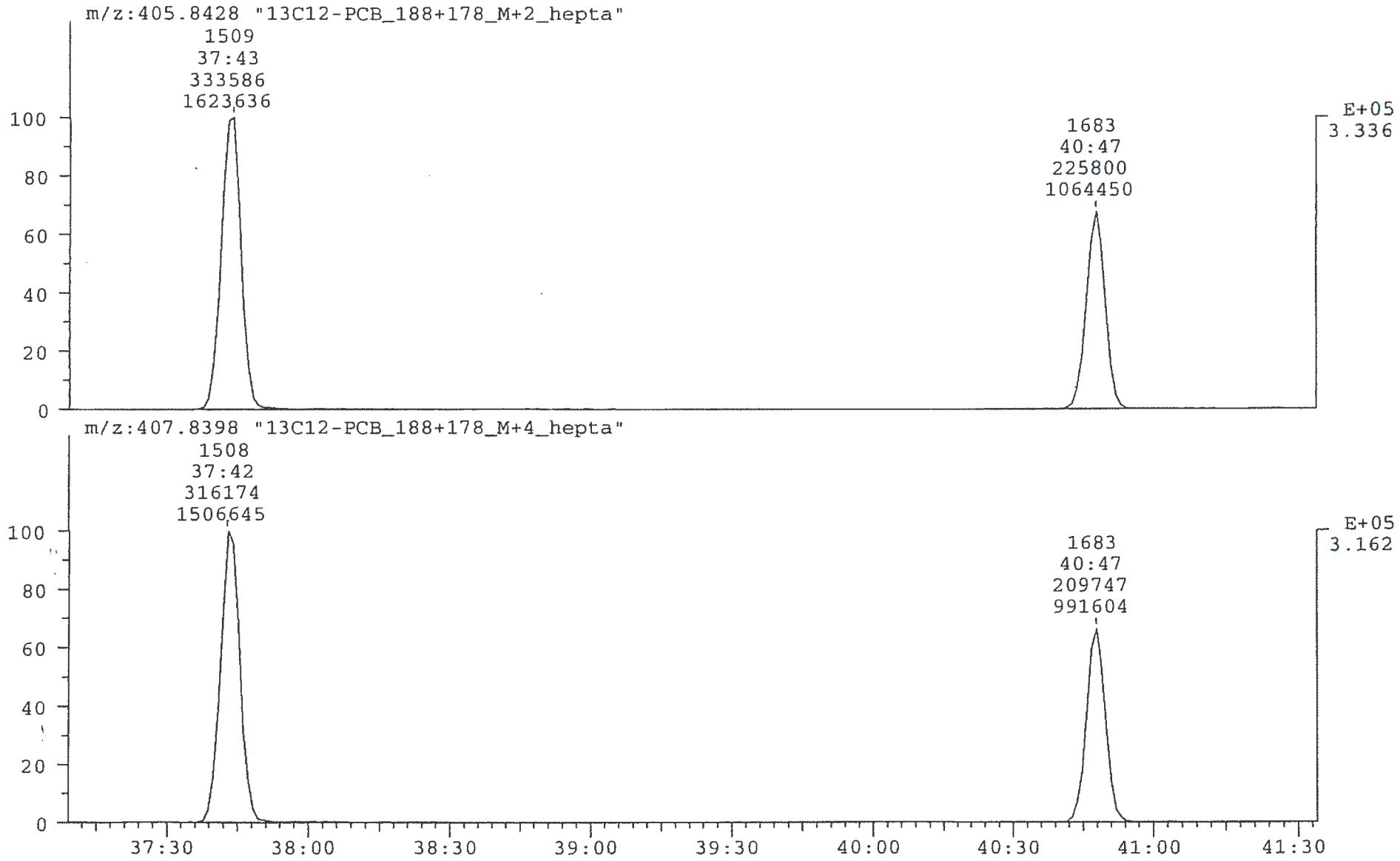
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  46:16      1994
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1849 > 2109           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



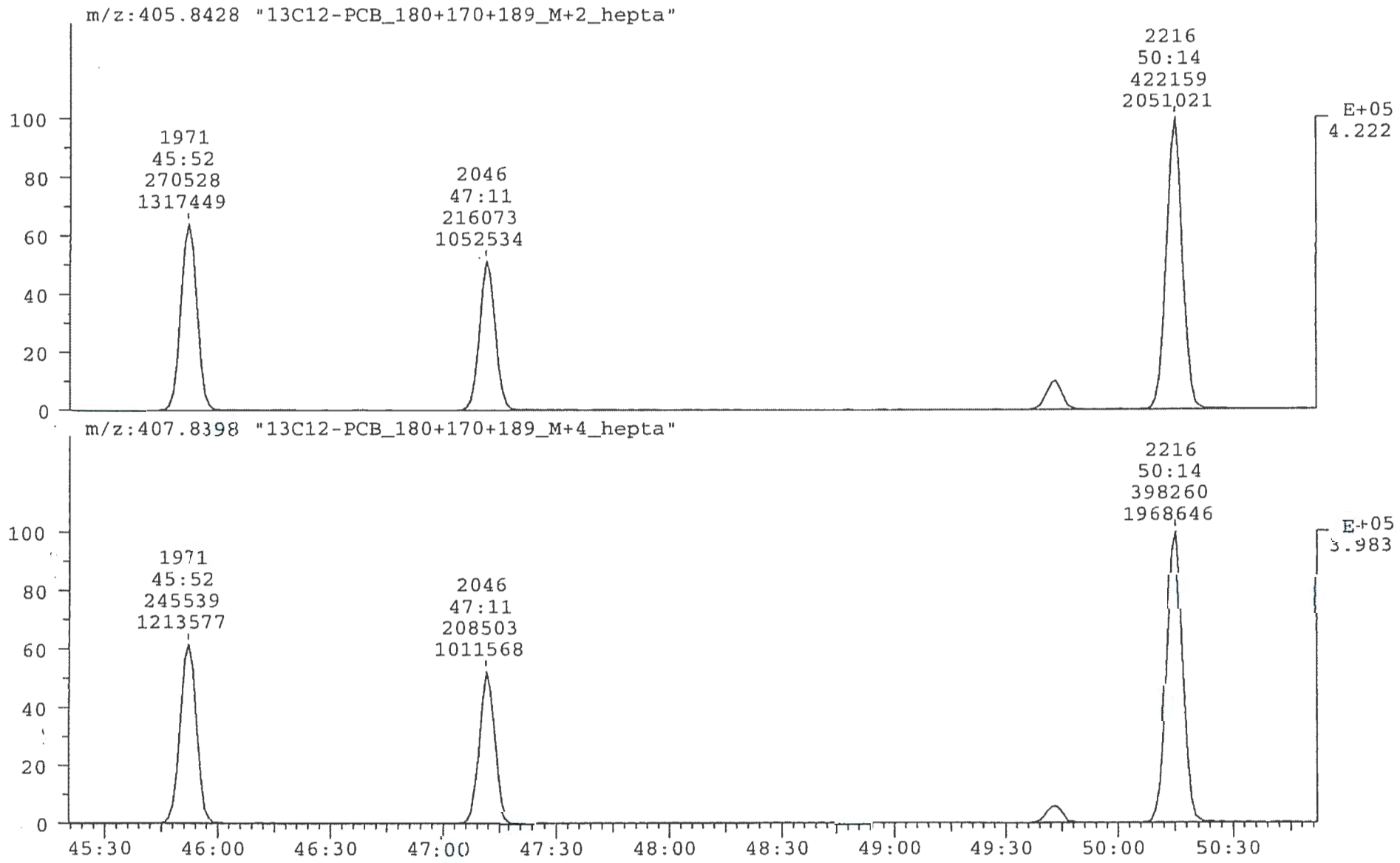
CHRO: a070313ss 14-Mar-07 Elapse: 44:06 1871
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1493 > 2244 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



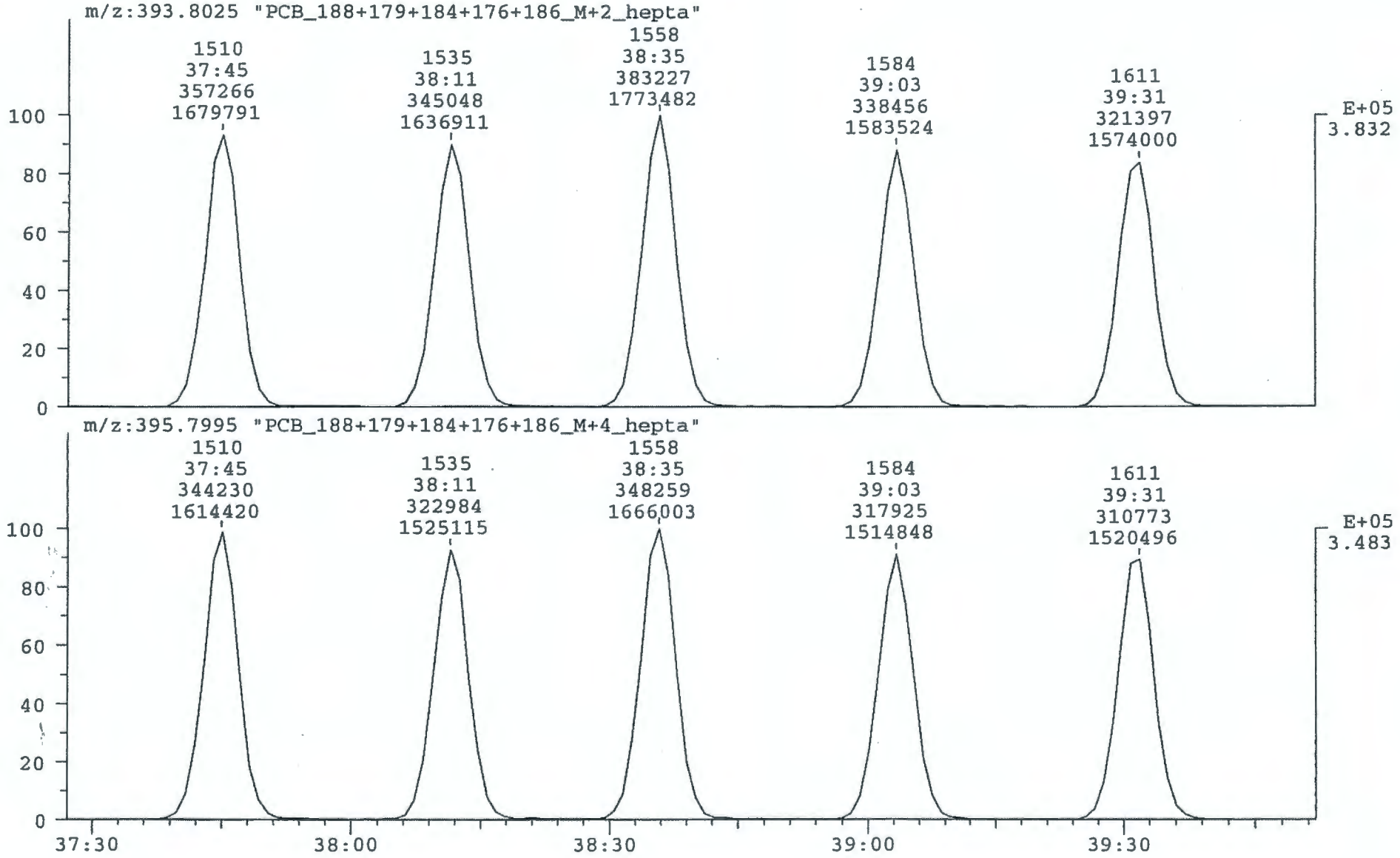
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  39:21      1601
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



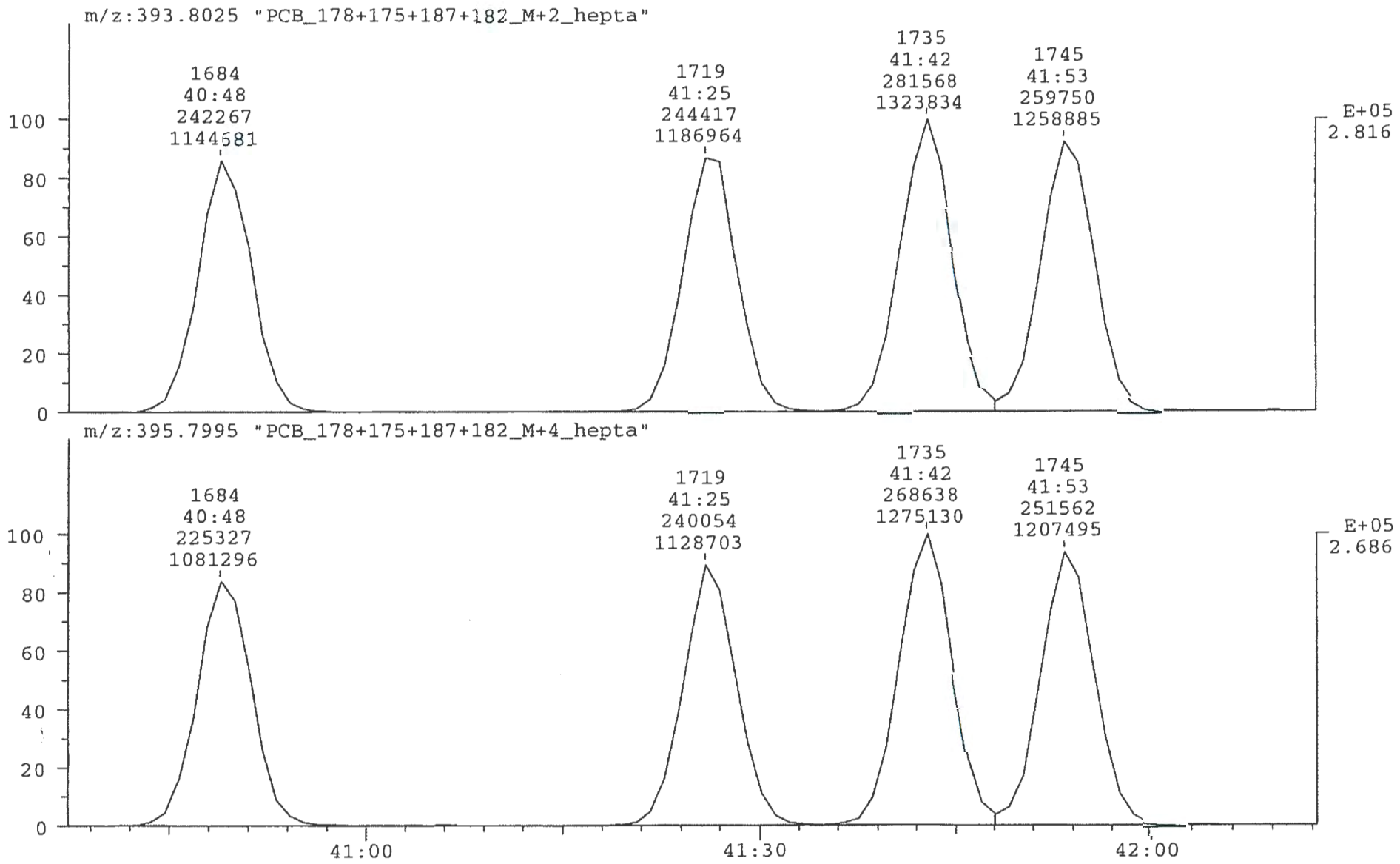
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  48:09      2101
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



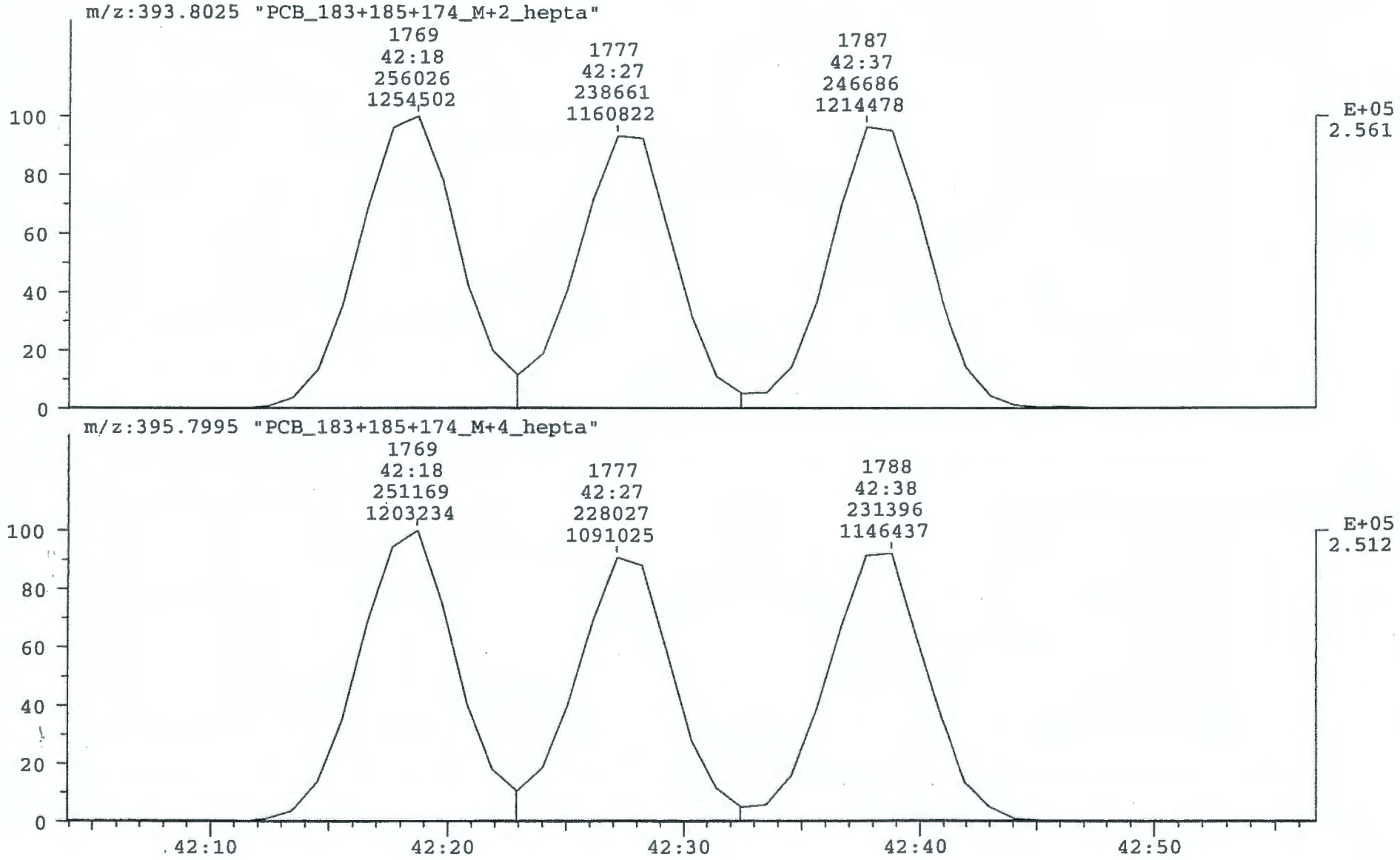
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  38:43      1565
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



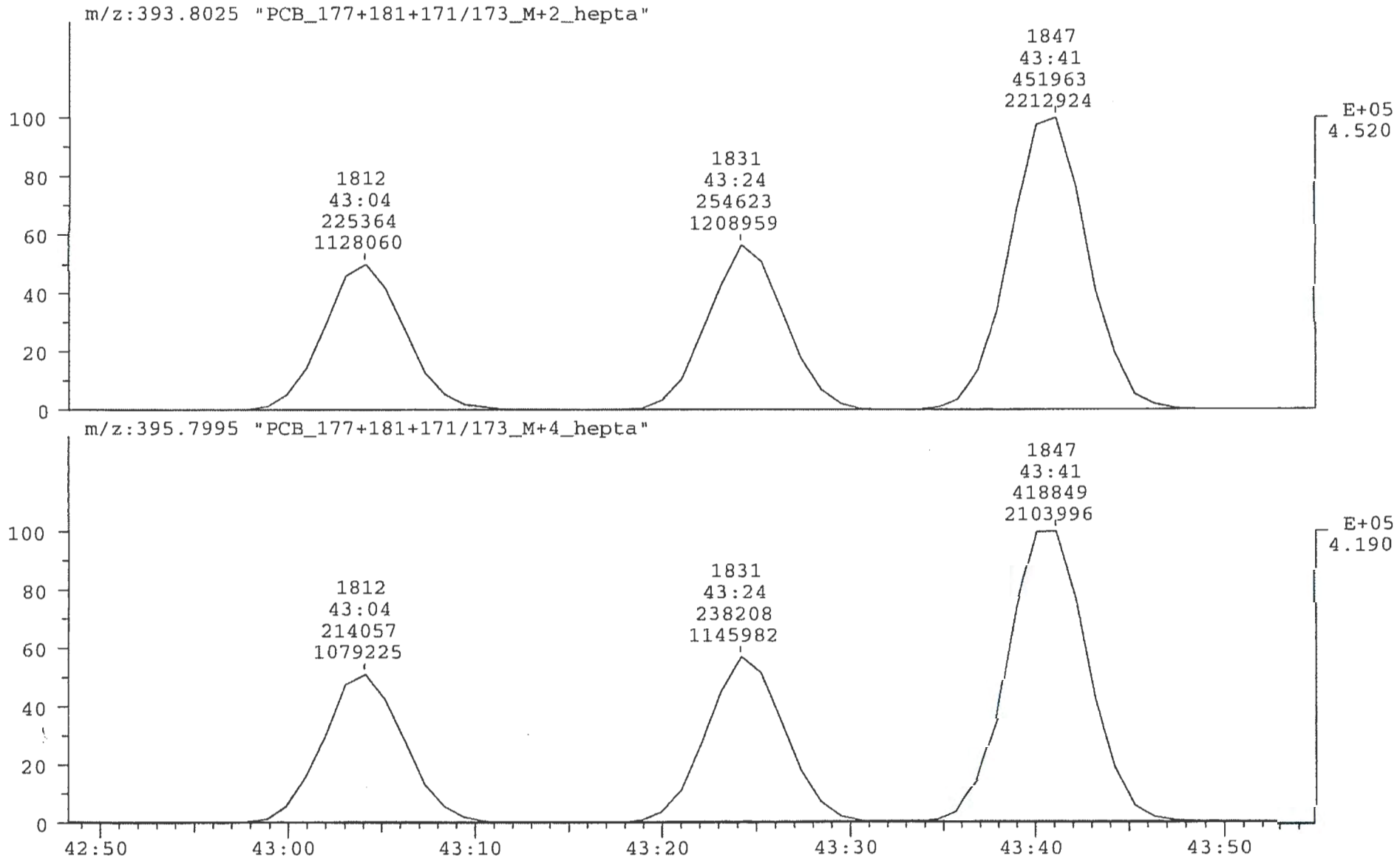
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  41:30      1723
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



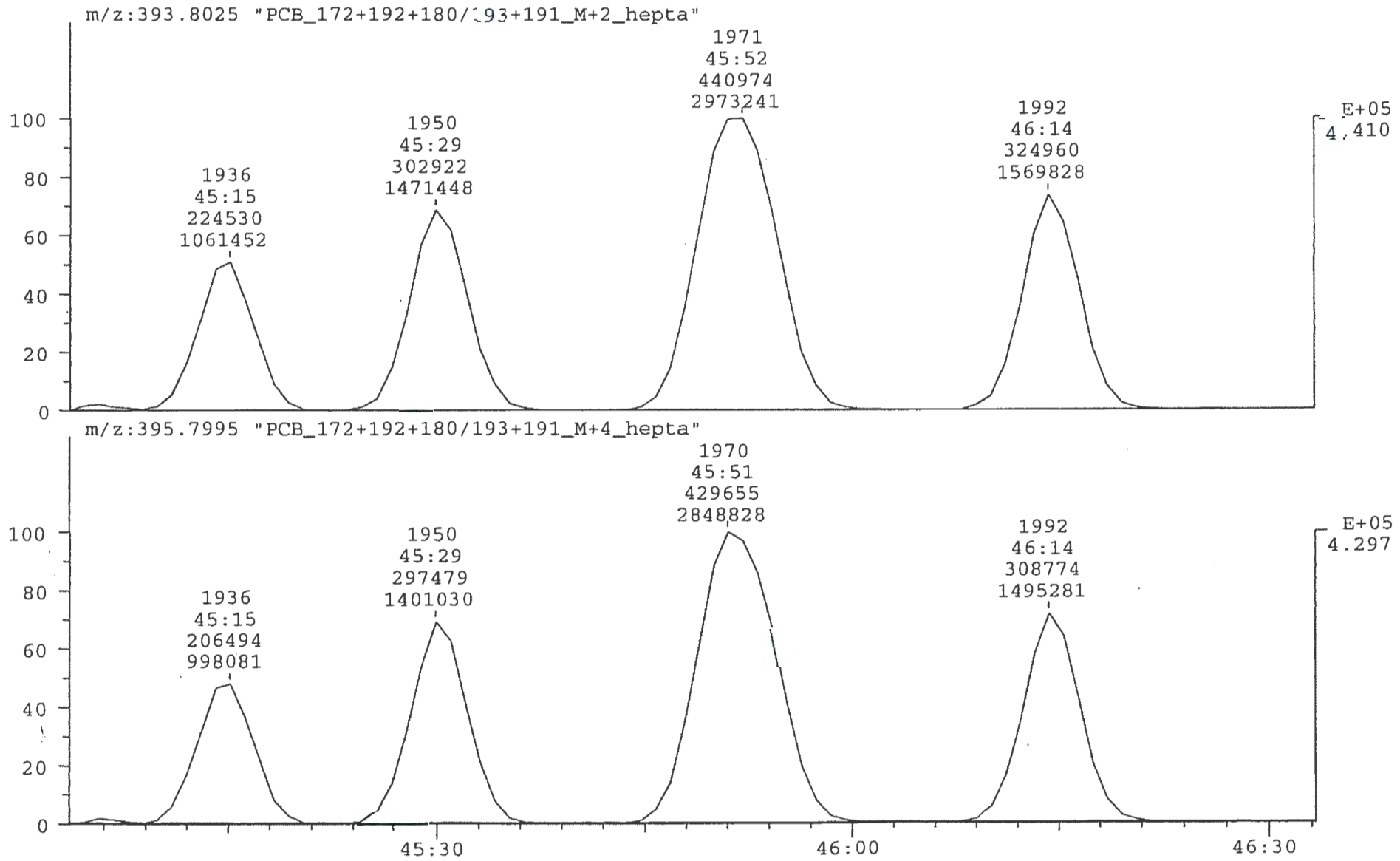
CHRO: a070313ss 14-Mar-07 Elapse: 42:40 1790
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1755 > 1805 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



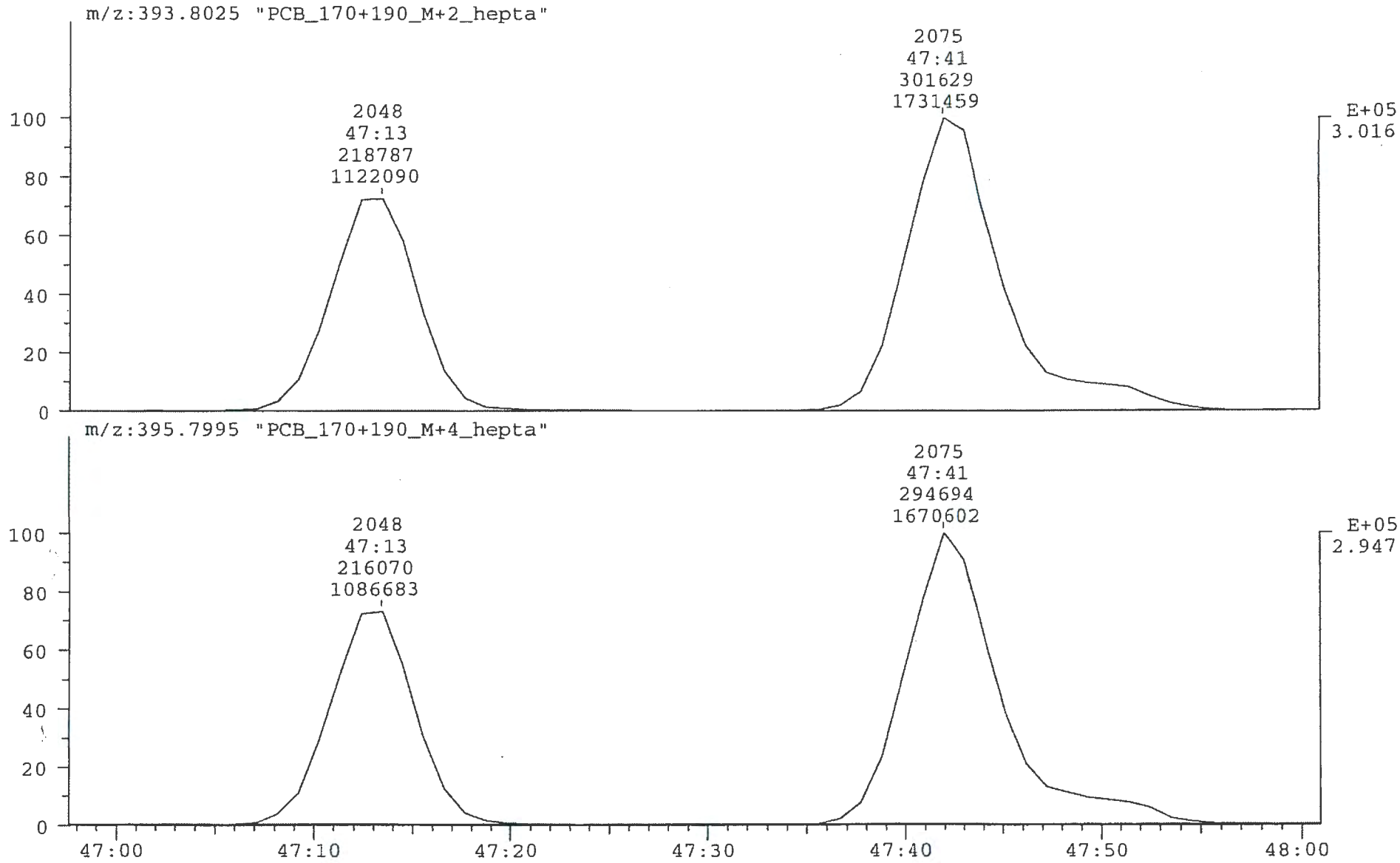
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  43:28      1835
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



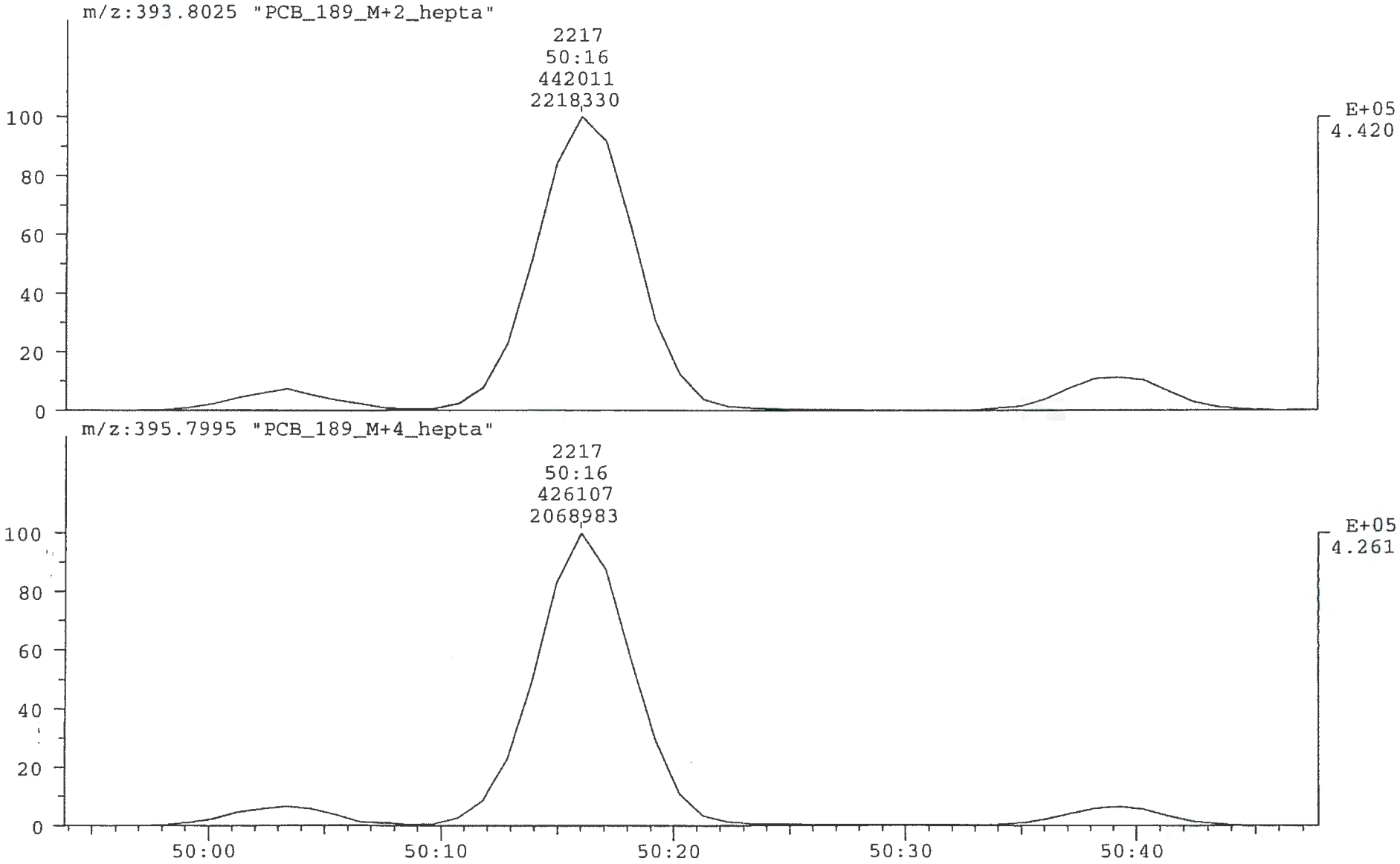
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  45:56      1975
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



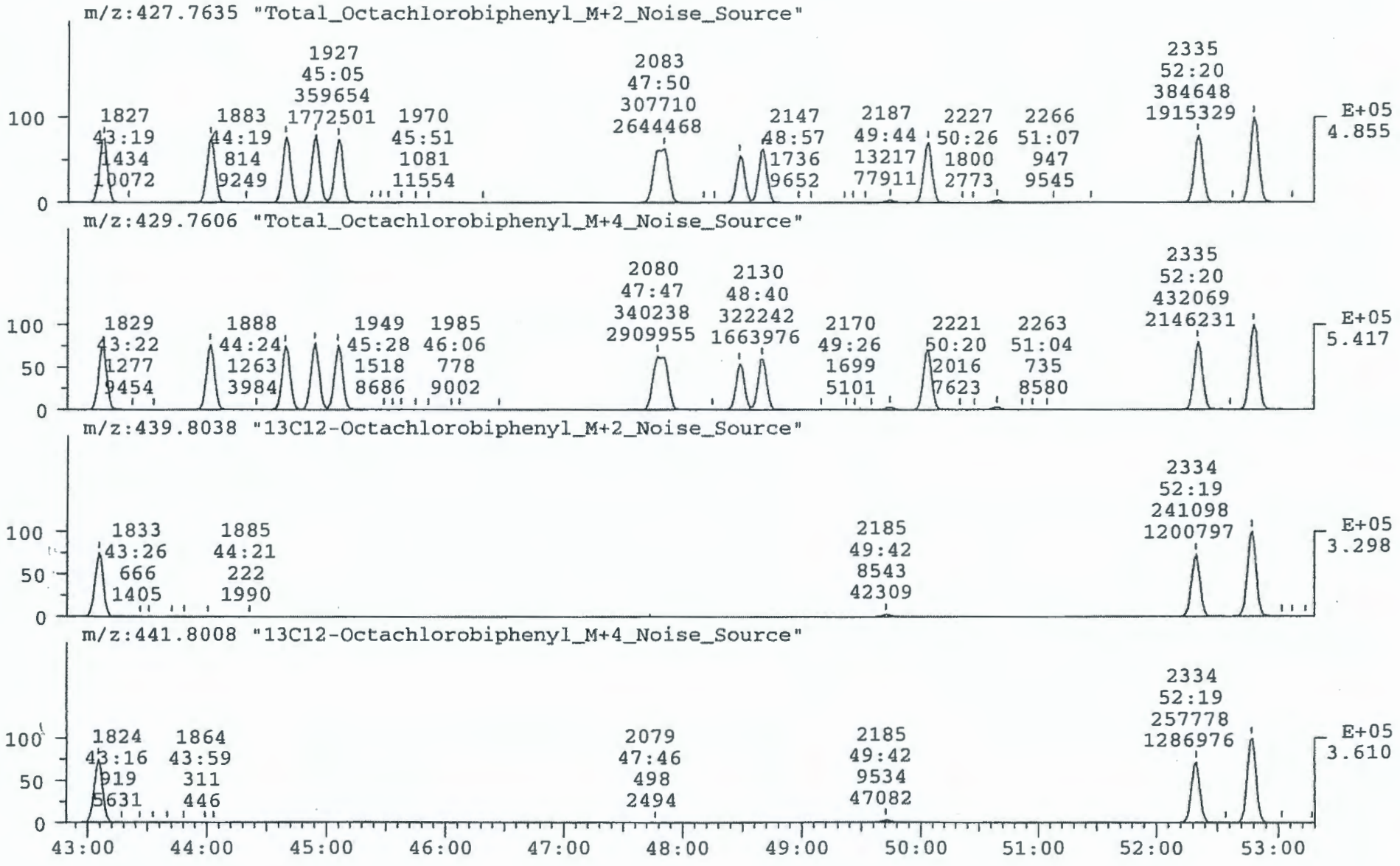
CHRO: a070313ss 14-Mar-07 Elapse: 47:34 2068
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 2033 > 2093 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



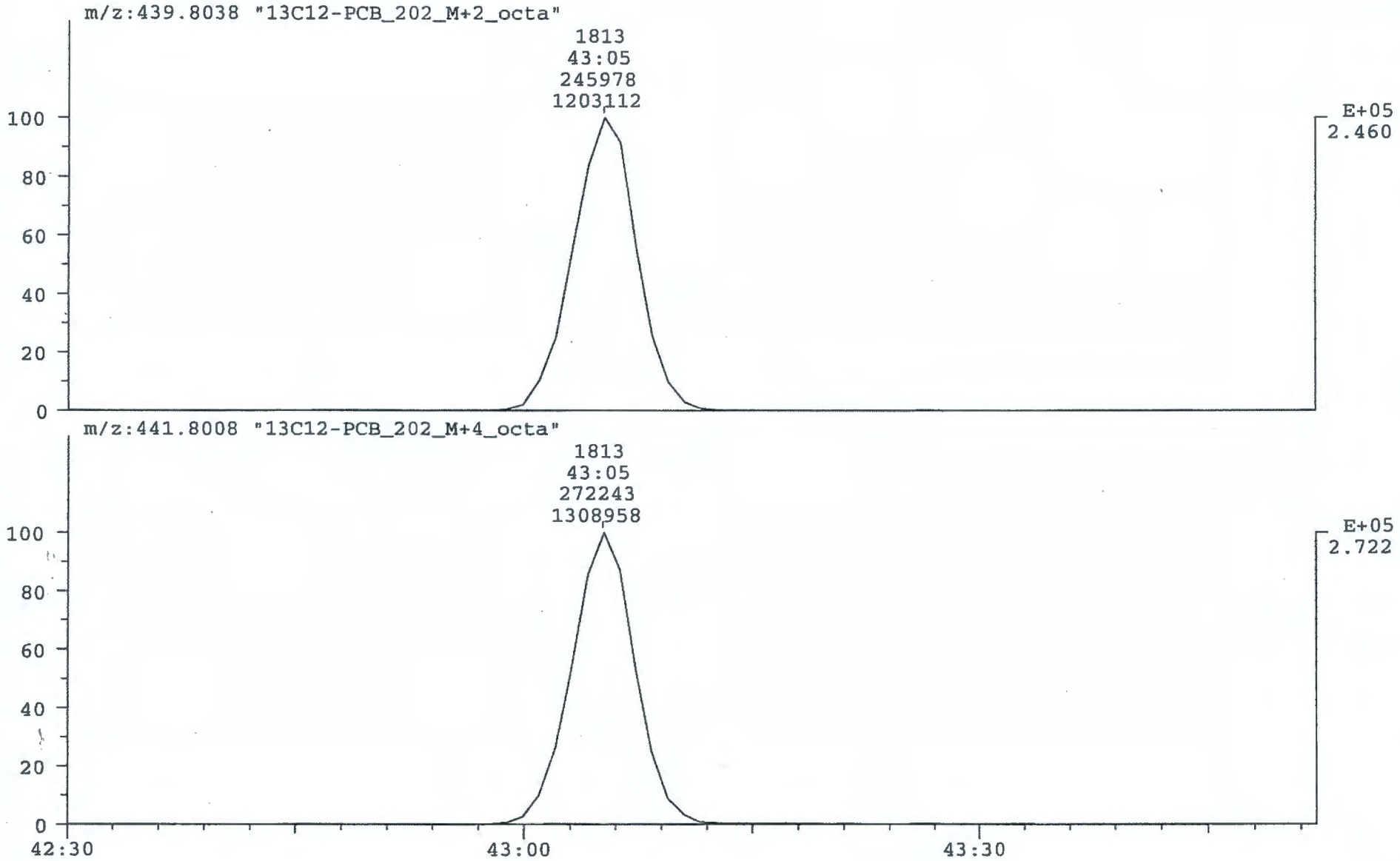
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  50:19      2220
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



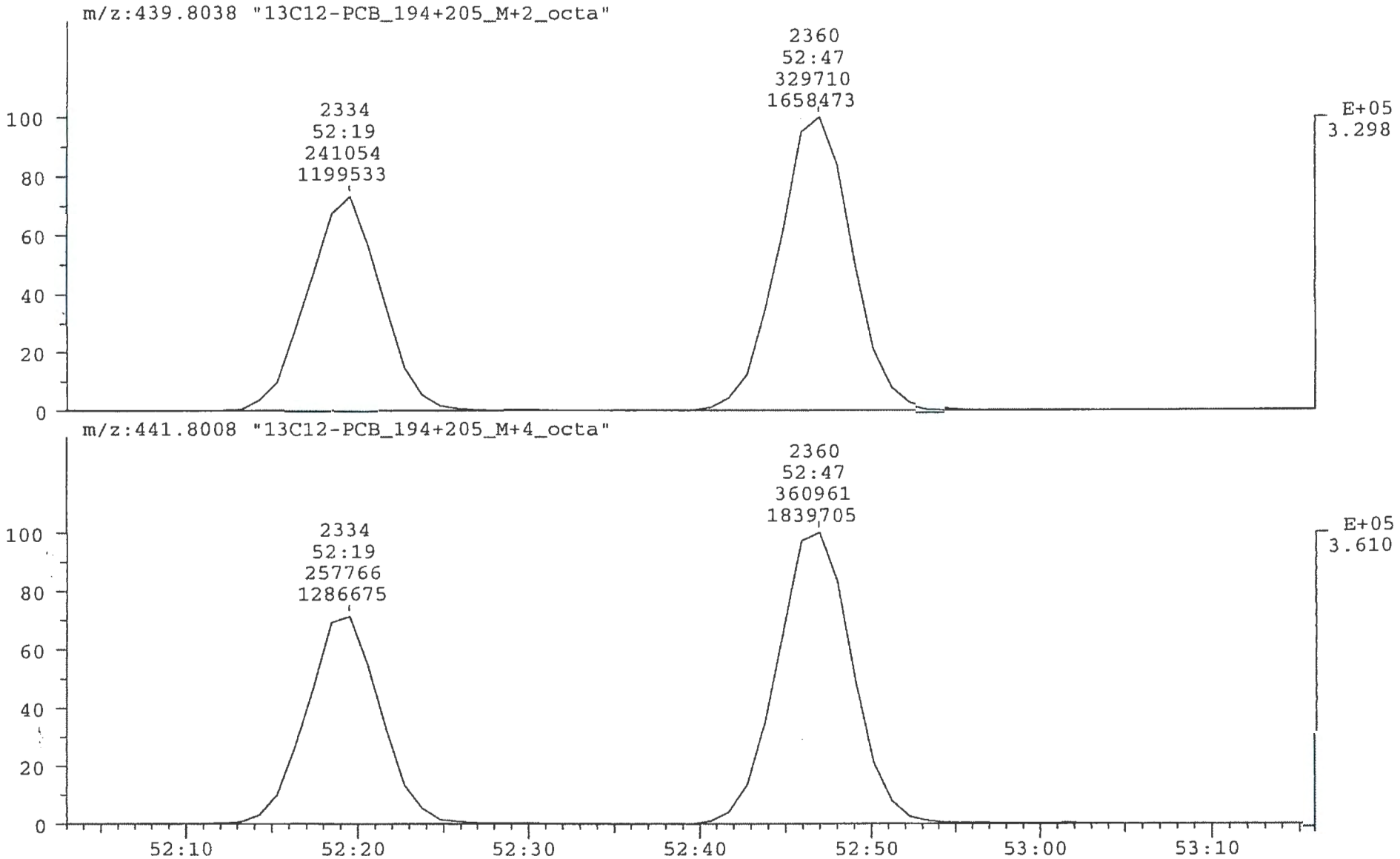
CHRO: a070313ss 14-Mar-07 Elapse: 48:03 2095
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 1798 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



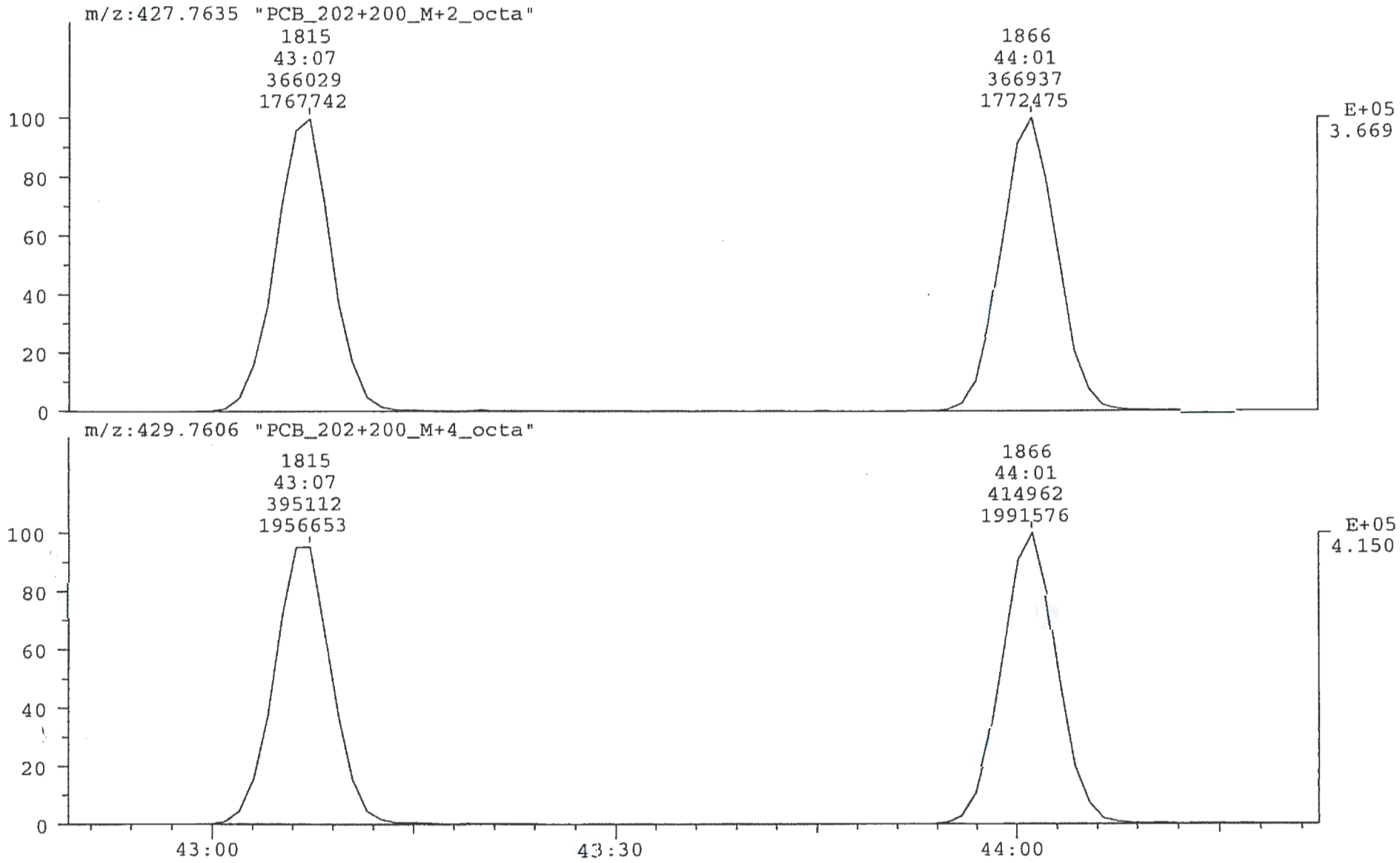
```
CHRO:  a070313ss                              14-Mar-07   Elapse:  43:08      1816
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                   Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   9
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
```



```
CHRO:  a070313ss                                14-Mar-07  Elapse:  52:38      2352
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   9
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
```

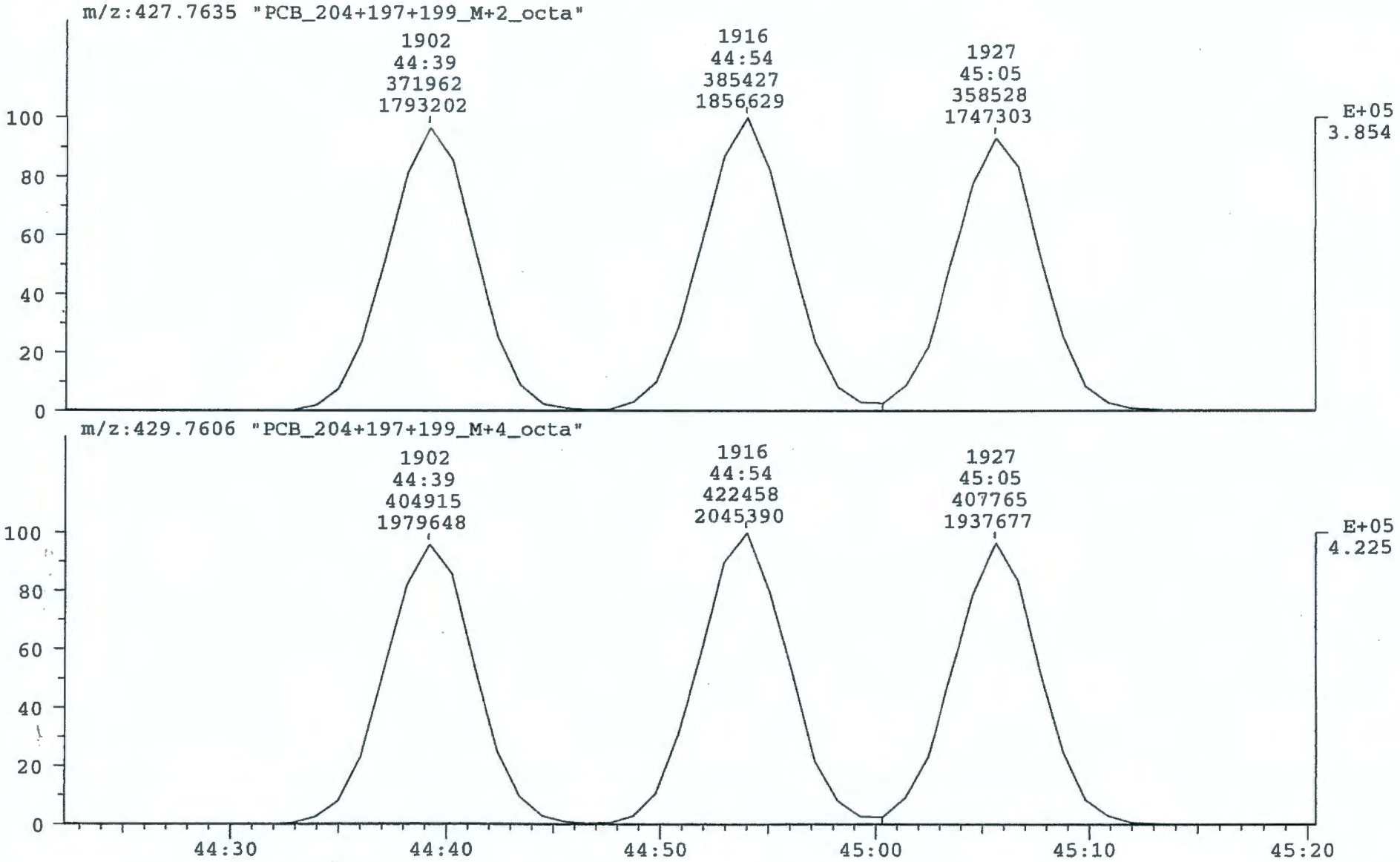


```
CHRO:  a070313ss                                14-Mar-07   Elapse:  43:40      1846
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```

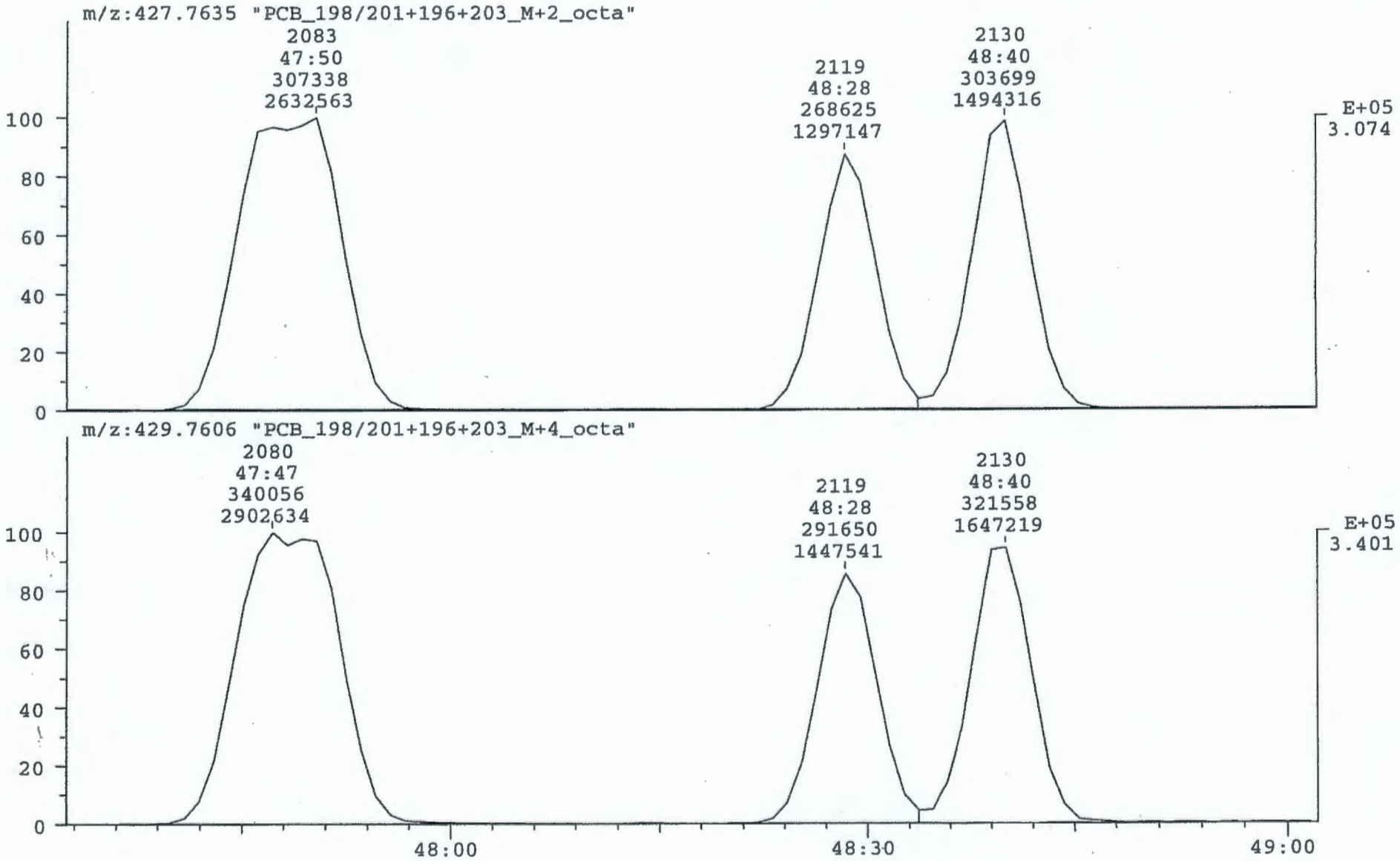


1834

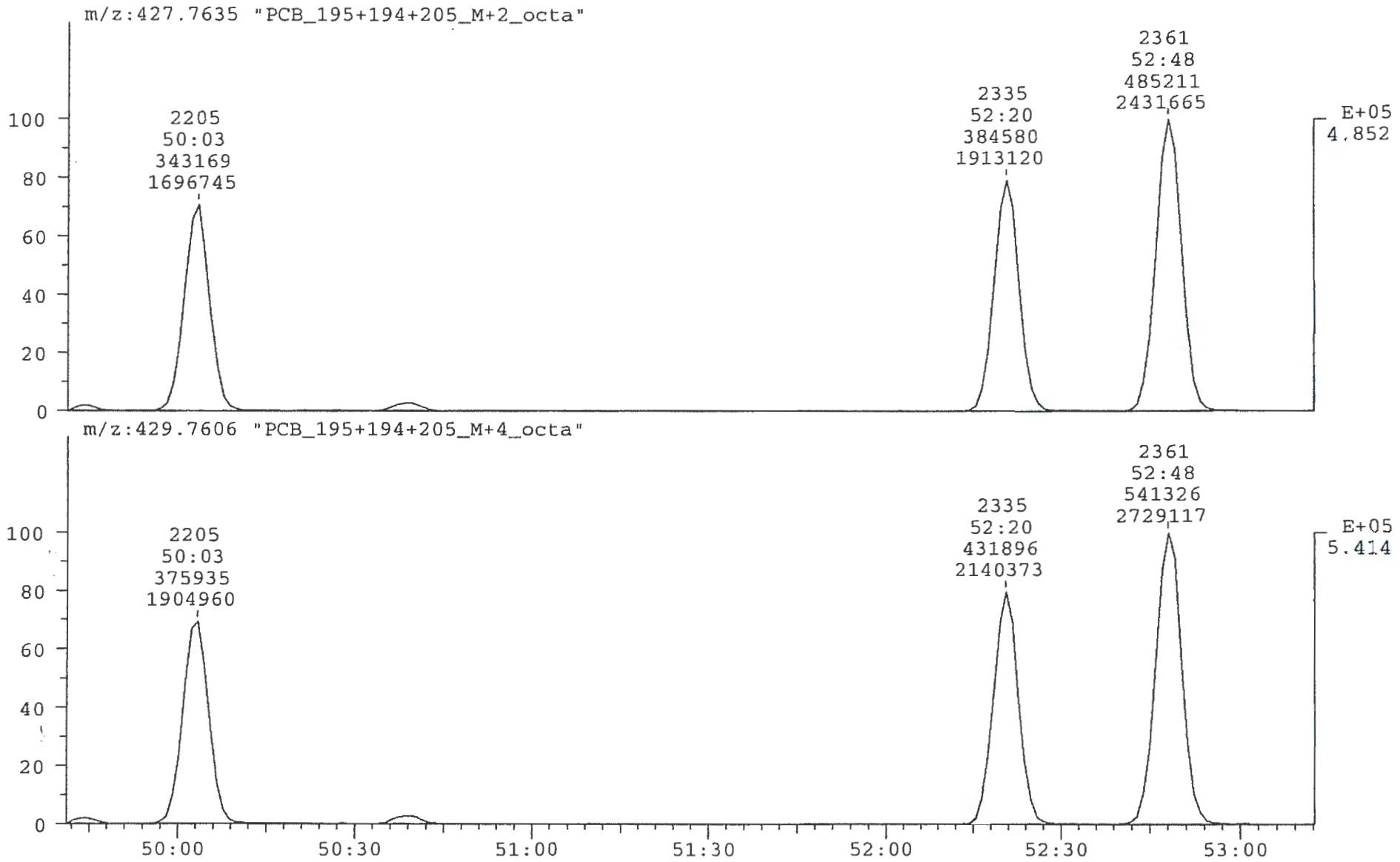
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  44:43      1906
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



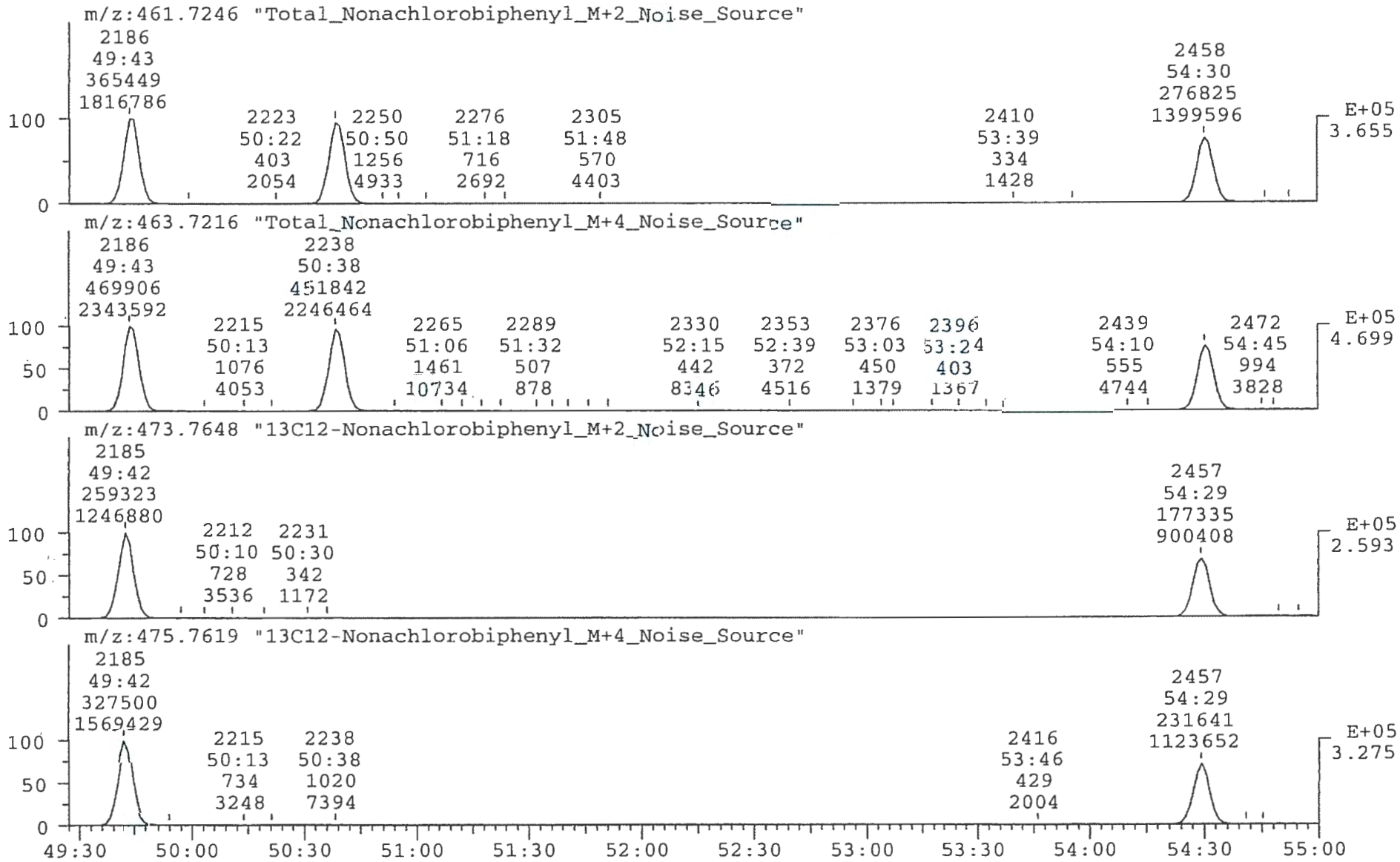
CHRO: a070313ss 14-Mar-07 Elapse: 48:32 2123
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 2066 > 2151 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



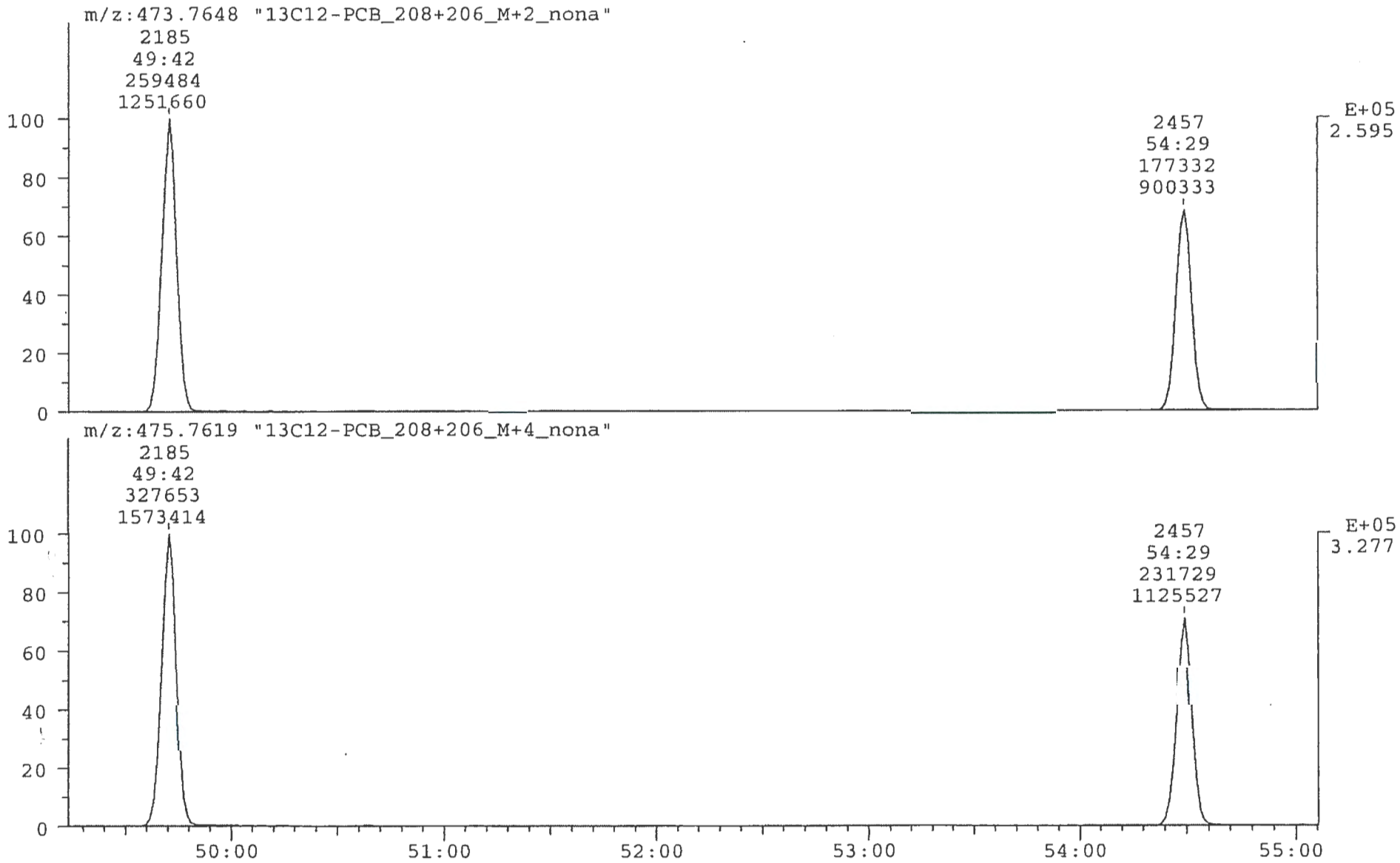
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  52:24      2339
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



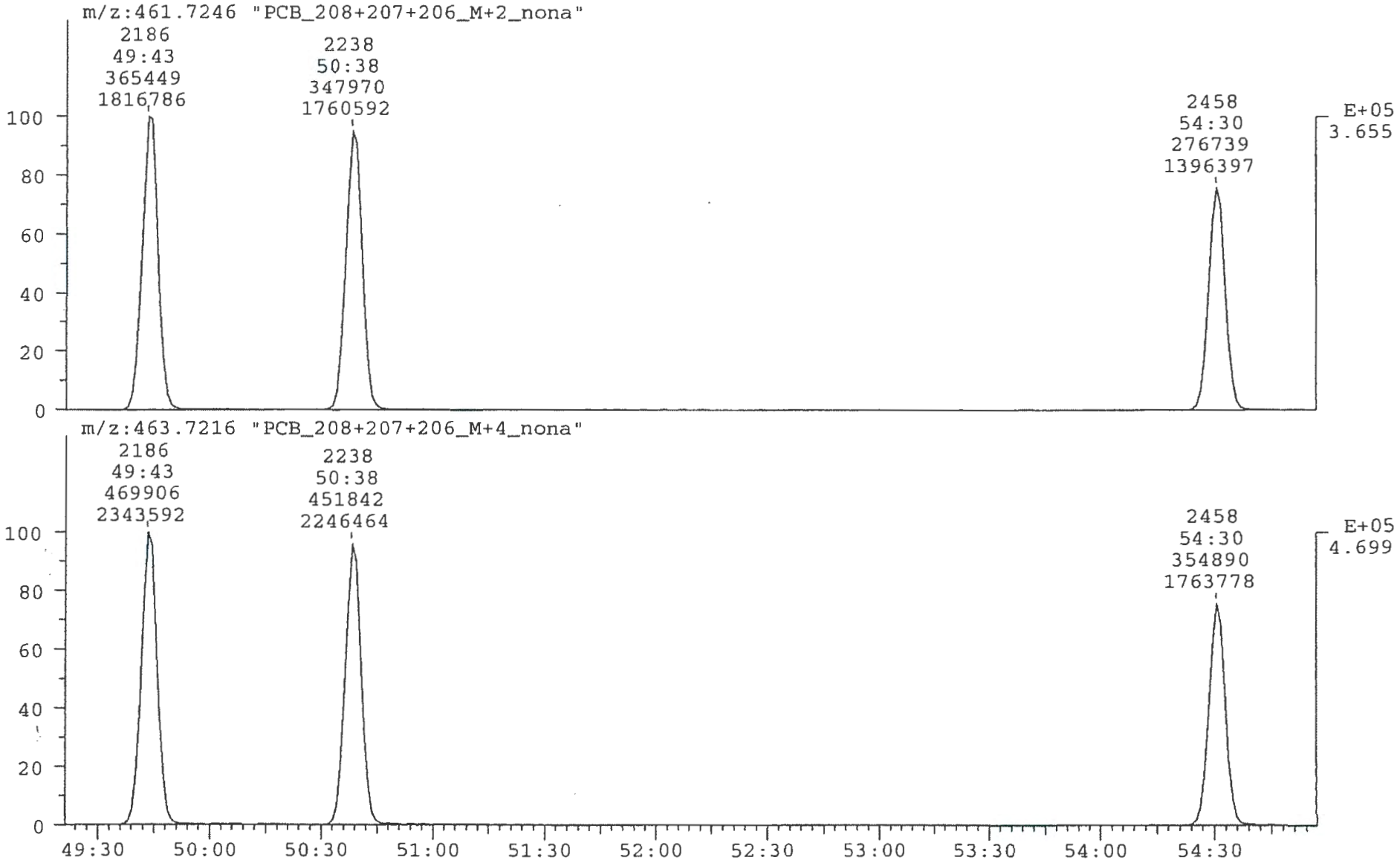
CHRO: a070313ss 14-Mar-07 Elapse: 52:13 2328
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 2171 > 2486 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



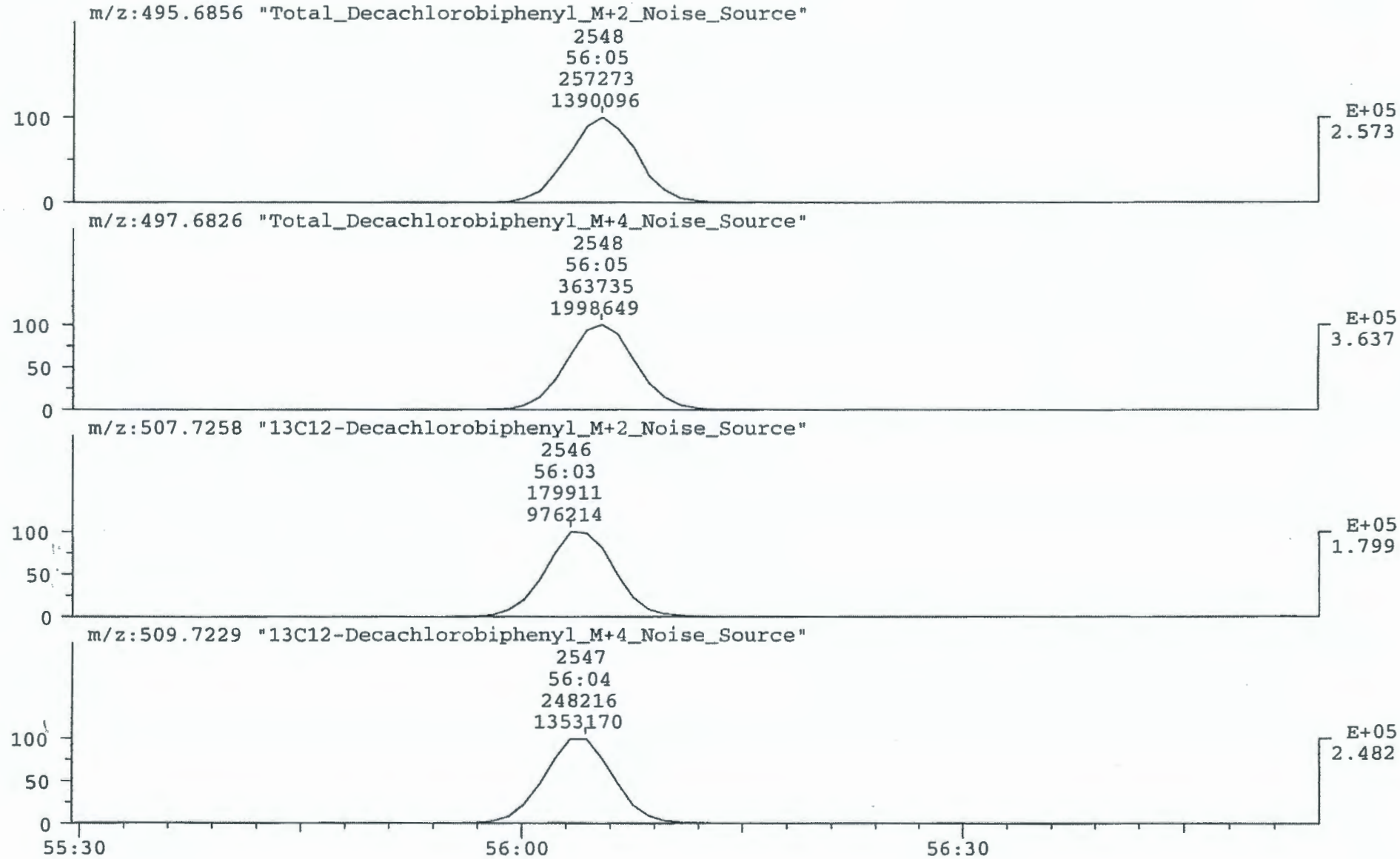
```
CHRO:  a070313ss                                14-Mar-07  Elapse:  52:12      2327
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   9
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
```



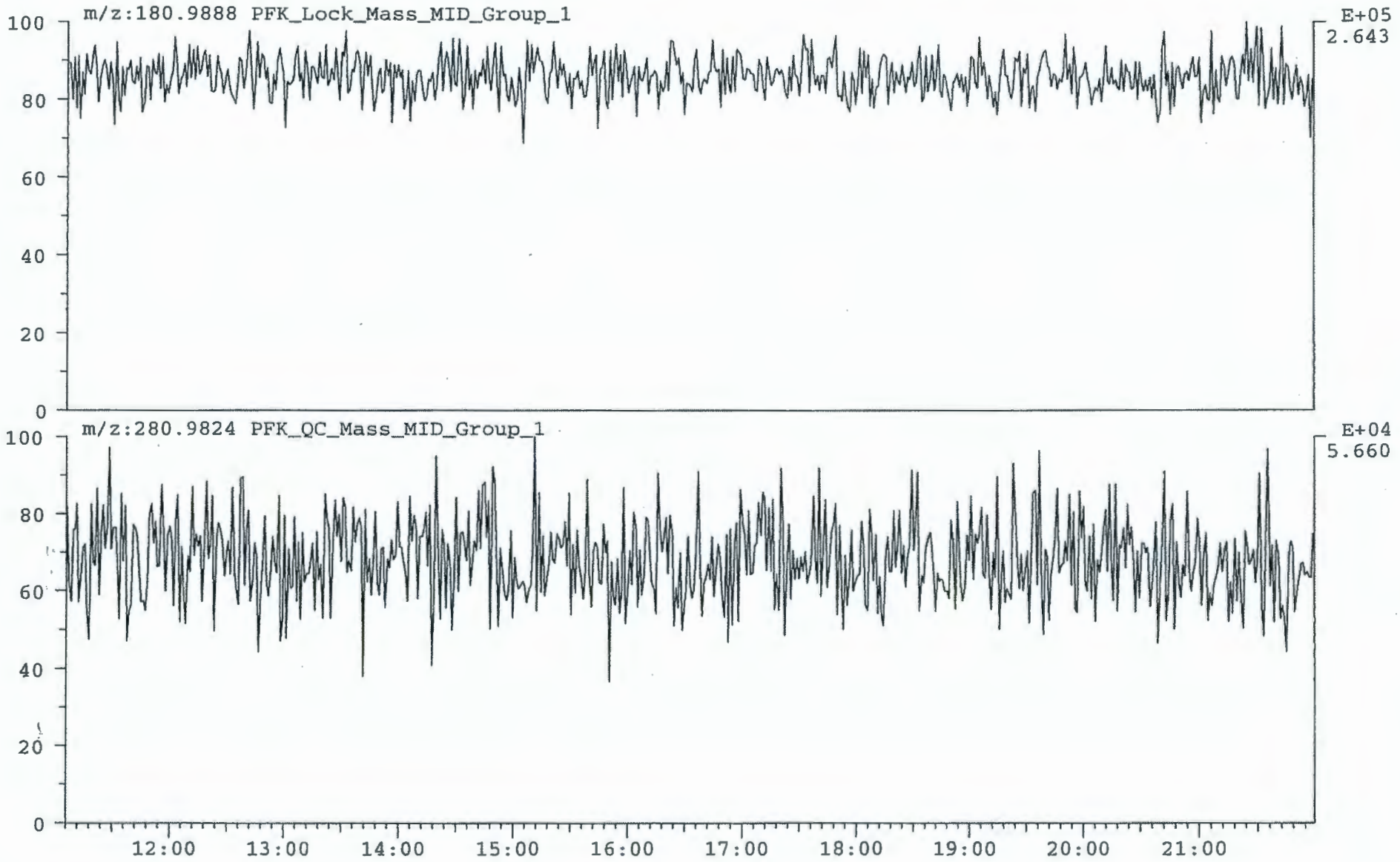
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  52:13      2328
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
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
```



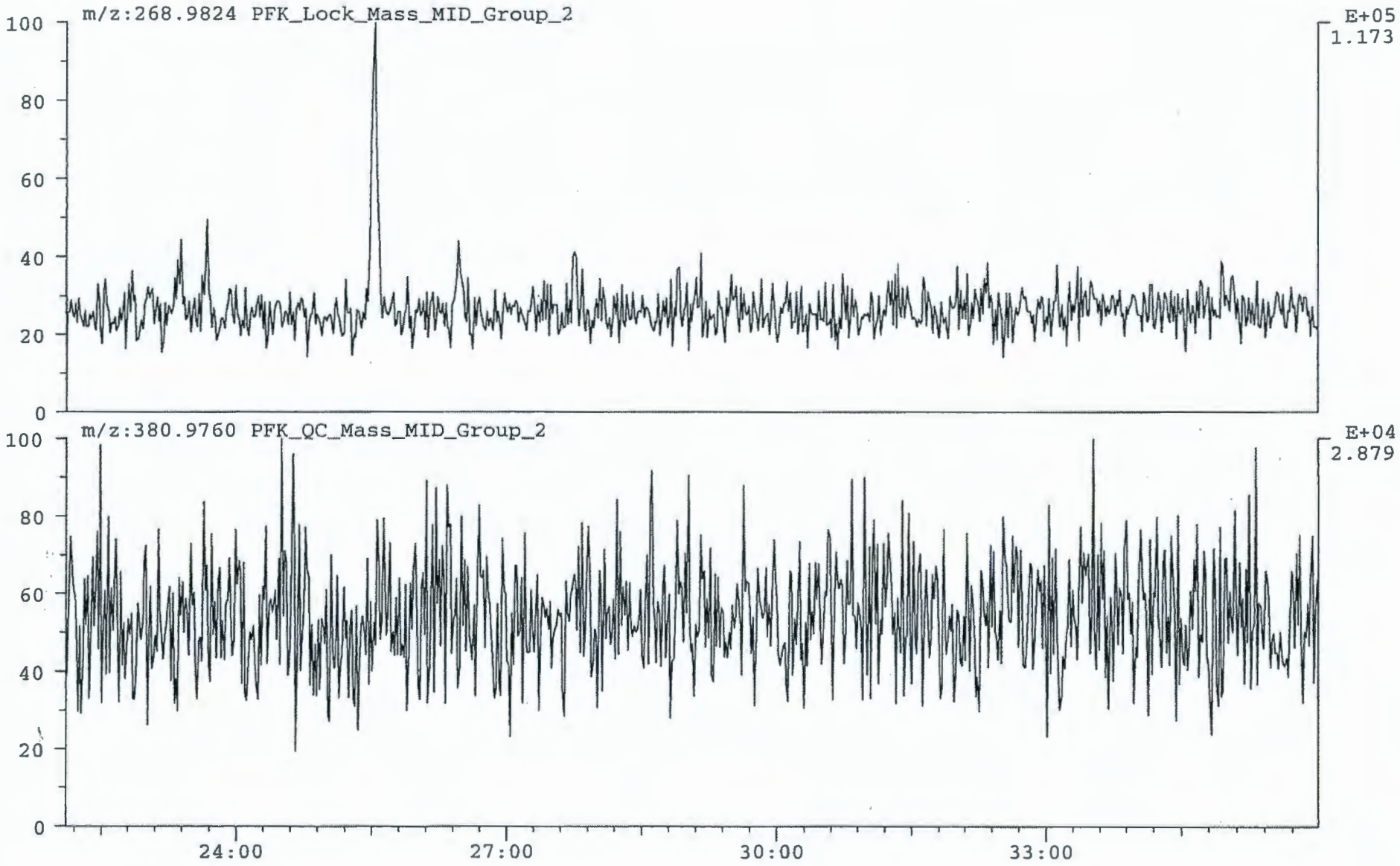
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  56:11      2554
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   2514 > 2594           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



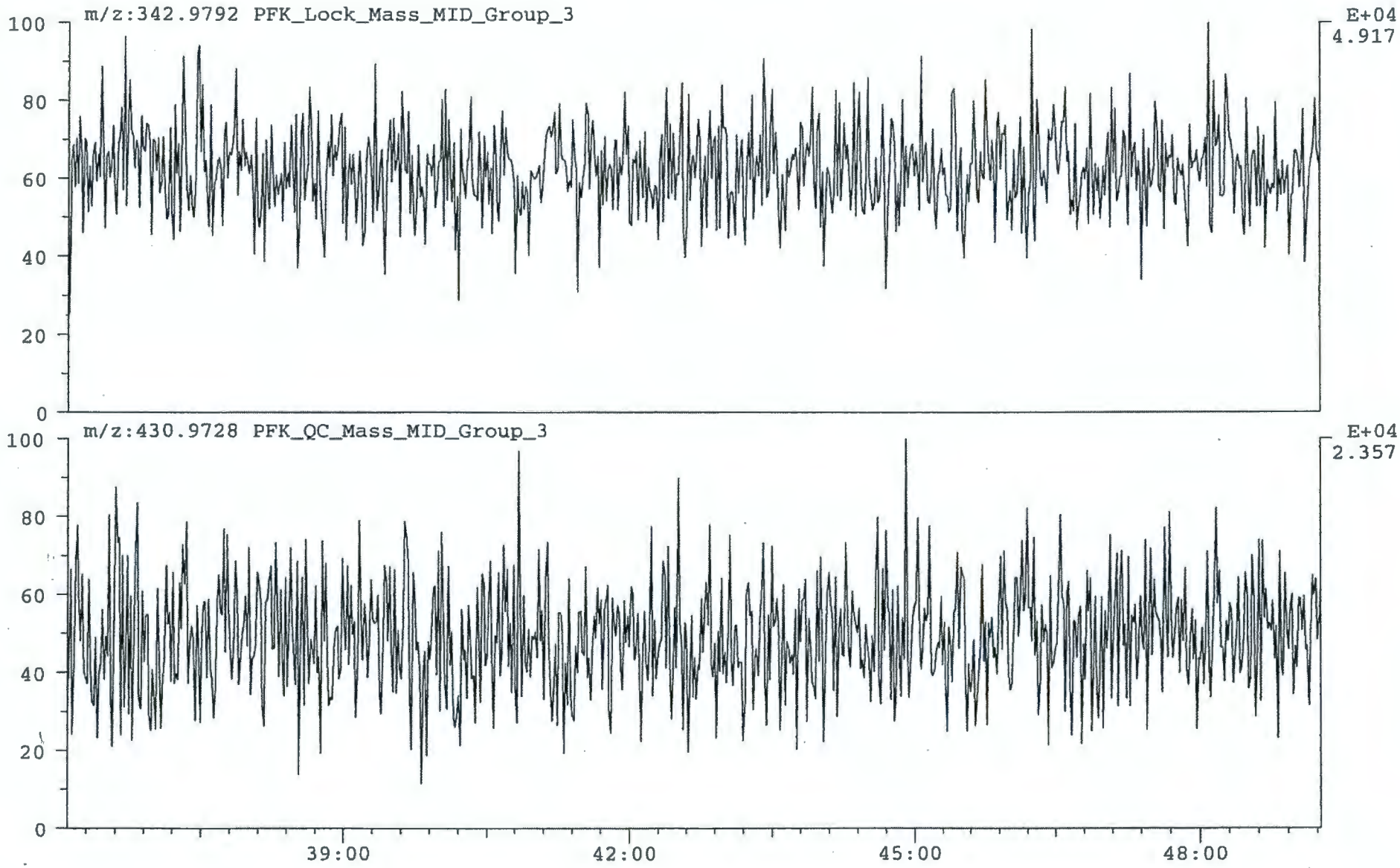
CHRO: a070313ss 14-Mar-07 Elapse: 56:11 2554
Samp: Vial 9 WO=2990:74 Meth=IE3 Dil=1 Start : 02:09:24 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL SS
Oper: DCG Client: STL Knoxville Inlet : GC Vial 9
Peak: 100.00 ppm Label wndw: 6 > 624 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



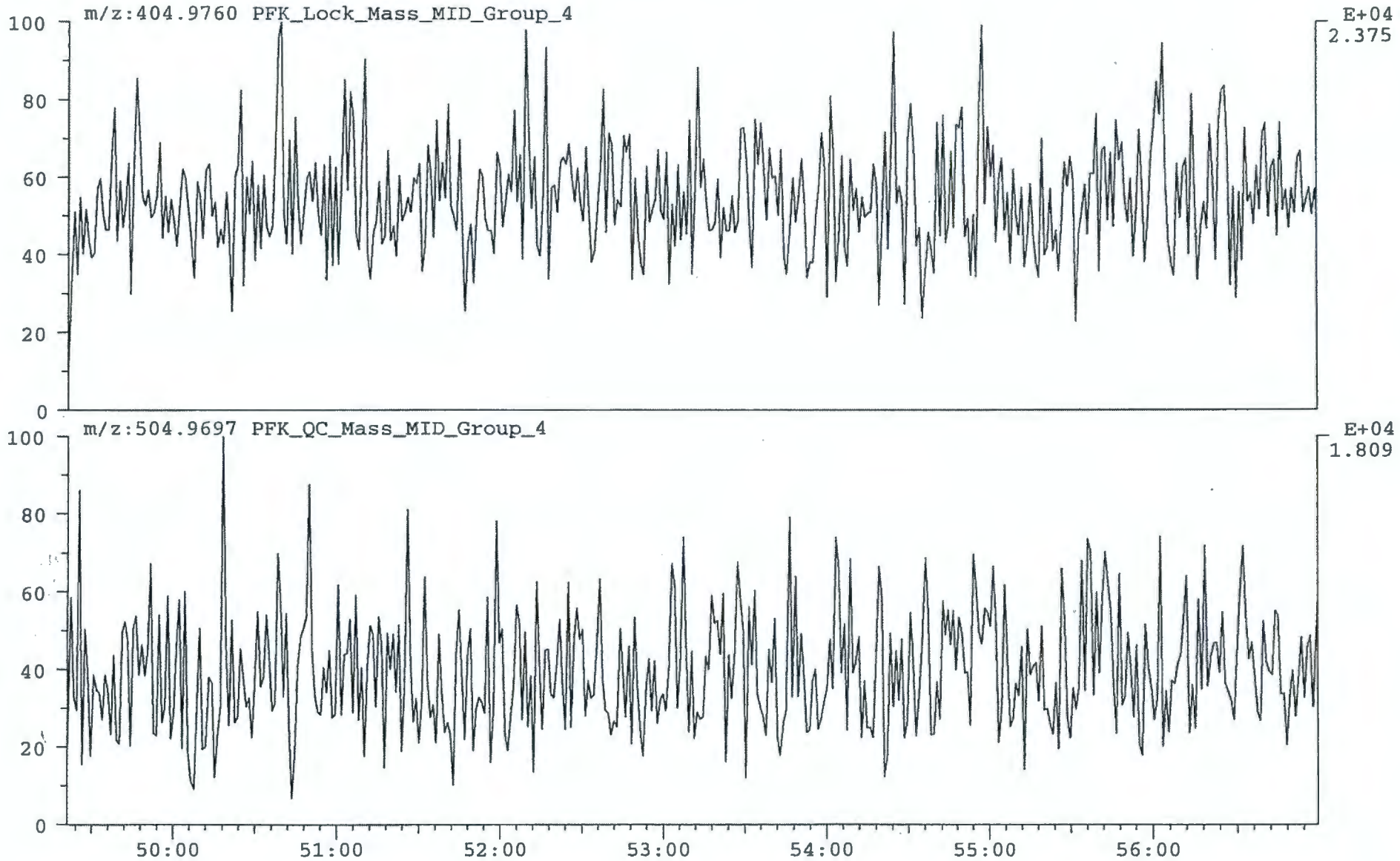
```
CHRO:  a070313ss                                14-Mar-07   Elapse:  56:11      2554
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   626 > 1414            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313ss                                14-Mar-07   Elapse:  56:11      2554
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                     Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL SS
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   9
Peak:  100.00  ppm      Label wndw:   1417 > 2162           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313ss                                14-Mar-07  Elapse:  56:11      2554
Samp:  Vial 9 WO=2990:74 Meth=IE3 Dil=1                    Start :  02:09:24   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL SS
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   9
Peak:  100.00  ppm     Label wndw:   2165 > 2599           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: a070313ss
Study: ICAL SS
Sample: WO=2990:74 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxville
Comments: Inst=m1d/35055-03a Batch=20070313i Ccal=METHOD
Injected volume: 2.00
Sample from Vial 9
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 8 of list 070313
ICL procedure: sleep7x
MID procedure: epa1668n

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	14:00 min	36:00 min	1.00 sec
# 3	36:00 min	13:15 min	49:15 min	1.00 sec
# 4	49:15 min	7:45 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 : epa1668n

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	1032.2528
BMASS	180.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9059
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.0000	DITSET	0.0000	DRAW	-21.8250
DRAWC	1.0000	DRAWS	0.0050	ECORR	1.0001
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9998
EDACR	23.0000	EDACZ	1219.0000	ELEN	75.3500
EMULT	1.6000	ENS	178.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	145.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	1002.6738	FSLOPE	54000000.0000	FVANAL	260.0000
FVINLET	267.0000	FVSRC	856.0000	FWIN	0.7000
GCTC	214.0000	GCTI	270.0000	GCTL	280.0000
HACCU	187.0000	HCURR	1.0686	HVANAL	1306.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	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	1291.0000	LENSS	83.6000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2352236.4350

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	2589.0000	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	10280.6324	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	1.0000	SCIDLE	1.0000	SHIELD	2592.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	5.0000
SW	0.0500	TANAL	420.7700	TCURR	0.7422
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	2.2000	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2000.0000
XLENSS	-28.8000	YLENS	2655.0000	YLENSS	-33.6000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 14-Mar-07 02:09:24.9

Autosampler has injected sample from vial 9
MID Time Window 1: Resolution is 6033
MID Time Window 2: Resolution is 7472
MID Time Window 3: Resolution is 9525
MID Time Window 4: Resolution is 8099
Analysis stopped at: 14-Mar-07 03:06:27.5 (run time 57.02 minutes)
Analysis stopped because MID run finished

Procedure change to KNOX-ID-0013, Rev. 4, Analysis of Polychlorinated Biphenyl (PCB) Isomers by Isotope Dilution HRGC/HRMS

Table 2

RT References, Quantitation References, Retention Times (RT) and Relative Retiontion Times (RRT) for the 209 CB Congeners on SPB-Octyl

CI No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
Monochlorobiphenyls							
1	1L	9L	9L	12:12	0.7323	0.7173 - 0.7473	30
1	3L	9L	9L	14:25	0.8653	0.8502 - 0.8802	30
1	1	1L	1L	12:13	1.0015	0.9946 - 1.0082	10
1	2	3L	1L/3L	14:16	0.9894	0.9858 - 0.9928	6
1	3	3L	3L	14:26	1.0009	0.9974 - 1.0043	6
Dichlorobiphenyls							
2	4L	9L	9L	14:42	0.8827	0.8676 - 0.8976	30
2	9L	9L	9L	16:39	1.0000	0.9874 - 1.0125	25
2	8L	4L	4L/15L	17:32	1.1927	1.1892 - 1.1960	6
2	15L	9L	9L	20:41	1.2412	1.2311 - 1.2511	20
2	4	4L	4L	14:43	1.0012	0.9955 - 1.0068	10
2	10	4L	4L/15L	14:54	1.0129	1.0095 - 1.0163	6
2	9	4L	4L/15L	16:41	1.1349	1.1315 - 1.1383	6
2	7	4L	4L/15L	16:50	1.1451	1.1417 - 1.1485	6
2	6	4L	4L/15L	17:07	1.1647	1.1613 - 1.1681	6
2	5	4L	4L/15L	17:26	1.1859	1.1824 - 1.1892	6
2	8	4L	4L/15L	17:34	1.1946	1.1911 - 1.1979	6
2	14	15L	4L/15L	19:09	0.9264	0.9239 - 0.9287	6
2	11	15L	4L/15L	20:04	0.9704	0.9679 - 0.9728	6
2	13	15L	4L/15L	20:20	0.9836	0.9811 - 0.9859	6
2	12	15L	4L/15L	20:23	0.9857	0.9832 - 0.9881	6
2	15	15L	15L	20:41	1.0007	0.9967 - 1.0047	10
Trichlorobiphenyls							
3	19L	32L	32L	17:53	0.8458	0.8339 - 0.8576	30
3	32L	32L	32L	21:09	1.0000	0.9976 - 1.0023	6
3	31L	31L	31L	23:24	1.0000	0.9978 - 1.0021	6
3	28L	31L	31L	23:41	1.0123	1.0052 - 1.0194	20
3	37L	31L	31L	27:46	1.1869	1.1761 - 1.1975	30
3	19	19L	19L	17:55	1.0014	0.9967 - 1.0060	10
3	30	19L	19L	19:38	1.0982	1.0954 - 1.1010	6
3	18	19L	19L	19:45	1.1048	1.1019 - 1.1075	6
3	17	19L	19L	20:10	1.1271	1.1243 - 1.1299	6
3	27	19L	19L	20:25	1.1414	1.1386 - 1.1441	6
3	24	19L	19L	20:31	1.1473	1.1445 - 1.1501	6
3	16	19L	19L	20:41	1.1560	1.1532 - 1.1587	6
3	32	19L	19L	21:11	1.1839	1.1811 - 1.1867	6
3	34	19L	37L	22:24	1.2523	1.2494 - 1.2550	6
3	23	19L	37L	22:31	1.2591	1.2562 - 1.2618	6
3	29	19L	37L	22:51	1.2771	1.2724 - 1.2817	10
3	26	19L	37L	22:52	1.2790	1.2743 - 1.2836	10
3	25	37L	37L	23:05	0.8313	0.8294 - 0.8330	6
3	31	37L	37L	23:26	0.8437	0.8418 - 0.8454	6
3	28	37L	37L	23:42	0.8537	0.8506 - 0.8566	10
3	20	37L	37L	23:47	0.8565	0.8534 - 0.8594	10
3	21	37L	37L	23:54	0.8607	0.8576 - 0.8636	10
3	33	37L	37L	24:00	0.8643	0.8612 - 0.8672	10
3	22	37L	37L	24:24	0.8787	0.8768 - 0.8804	6
3	36	37L	37L	25:55	0.9329	0.9310 - 0.9346	6
3	39	37L	37L	26:16	0.9459	0.9440 - 0.9476	6
3	38	37L	37L	26:52	0.9672	0.9654 - 0.9690	6

QC. DCG 3-22-07

BW 3/22/07

Procedure change to KNOX-ID-0013, Rev. 4, Analysis of Polychlorinated Biphenyl (PCB) Isomers by Isotope Dilution HRGC/HRMS

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Cl No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
3	35	37L	37L	27:23	0.9862	0.9844 - 0.9880	6
3	37	37L	37L	27:48	1.0006	0.9988 - 1.0024	6
Tetrachlorobiphenyls							
4	54L	52L	32L	21:02	0.8233	0.8167 - 0.8298	20
4	52L	52L	52L	25:33	1.0000	0.9918 - 1.0081	25
4	79L	81L	81L/77L	33:28	0.9699	0.9684 - 0.9713	6
4	81L	52L	52L	34:30	1.3506	1.3440 - 1.3570	20
4	77L	52L	52L	35:06	1.3737	1.3672 - 1.3802	20
4	54	54L	54L	21:03	1.0006	0.9966 - 1.0045	10
4	50	54L	81L/77L	23:10	1.1015	1.0975 - 1.1054	10
4	53	54L	81L/77L	23:11	1.1026	1.0986 - 1.1065	10
4	45	54L	81L/77L	23:53	1.1361	1.1321 - 1.1400	10
4	51	54L	81L/77L	23:56	1.1377	1.1337 - 1.1416	10
4	46	54L	81L/77L	24:14	1.1520	1.1495 - 1.1543	6
4	52	54L	81L/77L	25:34	1.2161	1.2137 - 1.2185	6
4	73	54L	81L/77L	25:41	1.2214	1.2190 - 1.2237	6
4	43	54L	81L/77L	25:47	1.2262	1.2237 - 1.2285	6
4	69	54L	81L/77L	25:56	1.2330	1.2290 - 1.2369	10
4	49	54L	81L/77L	26:03	1.2386	1.2346 - 1.2425	10
4	48	54L	81L/77L	26:19	1.2515	1.2491 - 1.2538	6
4	65	54L	81L/77L	26:32	1.2616	1.2575 - 1.2655	10
4	47	54L	81L/77L	26:34	1.2634	1.2594 - 1.2673	10
4	44	54L	81L/77L	26:36	1.2647	1.2607 - 1.2686	10
4	62	54L	81L/77L	26:48	1.2745	1.2705 - 1.2784	10
4	75	54L	81L/77L	26:52	1.2779	1.2739 - 1.2818	10
4	59	54L	81L/77L	26:55	1.2795	1.2755 - 1.2834	10
4	42	54L	81L/77L	27:07	1.2893	1.2869 - 1.2916	6
4	41	54L	81L/77L	27:32	1.3088	1.3048 - 1.3127	10
4	71	54L	81L/77L	27:37	1.3133	1.3093 - 1.3172	10
4	40	54L	81L/77L	27:40	1.3157	1.3117 - 1.3196	10
4	64	54L	81L/77L	27:49	1.3228	1.3204 - 1.3252	6
4	72	81L	81L/77L	28:37	0.8292	0.8277 - 0.8306	6
4	68	81L	81L/77L	28:52	0.8368	0.8353 - 0.8382	6
4	57	81L	81L/77L	29:19	0.8500	0.8485 - 0.8514	6
4	58	81L	81L/77L	29:35	0.8576	0.8561 - 0.8590	6
4	67	81L	81L/77L	29:42	0.8611	0.8596 - 0.8625	6
4	63	81L	81L/77L	30:00	0.8693	0.8678 - 0.8707	6
4	61	81L	81L/77L	30:13	0.8758	0.8728 - 0.8786	12
4	70	81L	81L/77L	30:21	0.8795	0.8765 - 0.8823	12
4	76	81L	81L/77L	30:21	0.8798	0.8768 - 0.8826	12
4	74	81L	81L/77L	30:23	0.8807	0.8783 - 0.8831	10
4	66	81L	81L/77L	30:41	0.8896	0.8881 - 0.8910	6
4	55	81L	81L/77L	30:53	0.8951	0.8936 - 0.8965	6
4	56	81L	81L/77L	31:24	0.9100	0.9085 - 0.9114	6
4	60	81L	81L/77L	31:36	0.9160	0.9145 - 0.9174	6
4	80	81L	81L/77L	31:52	0.9239	0.9224 - 0.9253	6
4	79	81L	81L/77L	33:30	0.9709	0.9694 - 0.9723	6
4	78	81L	81L/77L	34:05	0.9876	0.9861 - 0.9890	6
4	81	81L	81L	34:32	1.0008	0.9993 - 1.0022	6
4	77	77L	77L	35:07	1.0004	0.9989 - 1.0018	6
Pentachlorobiphenyls							

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Table 2

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Cl No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
5	104L	101L	101L	26:28	0.8182	0.8130 - 0.8233	20
5	95L	104L	104L	29:30	1.1143	1.1111 - 1.1173	10
5	101L	101L	101L	32:21	1.0000	0.9935 - 1.0064	25
5	111L	101L	101L	34:59	1.0813	1.0761 - 1.0864	20
5	123L	101L	127L	37:01	1.1438	1.1386 - 1.1489	20
5	118L	101L	127L	37:20	1.1537	1.1485 - 1.1588	20
5	114L	101L	127L	37:52	1.1705	1.1653 - 1.1756	20
5	105L	101L	127L	38:35	1.1923	1.1871 - 1.1974	20
5	127L	127L	127L	39:58	1.0000	0.9947 - 1.0052	25
5	126L	101L	127L	41:38	1.2868	1.2816 - 1.2919	20
5	104	104L	104L	26:30	1.0007	0.9975 - 1.0038	10
5	96	104L	104L	26:59	1.0189	1.0157 - 1.0220	10
5	103	104L	104L	28:47	1.0869	1.0850 - 1.0887	6
5	94	104L	104L	29:03	1.0974	1.0954 - 1.0992	6
5	95	104L	104L	29:33	1.1158	1.1126 - 1.1189	10
5	100	104L	104L	29:37	1.1186	1.1154 - 1.1217	10
5	93	104L	104L	29:42	1.1221	1.1189 - 1.1252	10
5	102	104L	104L	29:50	1.1268	1.1236 - 1.1298	10
5	98	104L	104L	29:54	1.1295	1.1263 - 1.1326	10
5	88	104L	104L	30:15	1.1427	1.1389 - 1.1464	12
5	91	104L	104L	30:22	1.1471	1.1439 - 1.1502	10
5	84	104L	104L	30:39	1.1576	1.1557 - 1.1594	6
5	89	104L	104L	31:07	1.1756	1.1737 - 1.1775	6
5	121	104L	104L	31:21	1.1840	1.1821 - 1.1859	6
5	92	123L	104L	31:49	0.8598	0.8584 - 0.8611	6
5	113	104L	104L	32:21	1.2218	1.2186 - 1.2249	10
5	90	104L	104L	32:22	1.2224	1.2192 - 1.2255	10
5	101	104L	104L	32:22	1.2226	1.2194 - 1.2257	10
5	83	104L	104L	32:55	1.2432	1.2394 - 1.2469	12
5	99	104L	104L	32:57	1.2444	1.2412 - 1.2475	10
5	112	104L	104L	33:05	1.2497	1.2478 - 1.2515	6
5	109/108	104L	104L	33:25	1.2621	1.2570 - 1.2670	16
5	86	104L	104L	33:29	1.2648	1.2597 - 1.2698	16
5	119	104L	104L	33:27	1.2633	1.2582 - 1.2683	16
5	97	104L	104L	33:30	1.2656	1.2605 - 1.2706	16
5	125	104L	104L	33:36	1.2688	1.2637 - 1.2738	16
5	87	104L	104L	33:39	1.2711	1.2679 - 1.2742	10
5	117	104L	104L	34:06	1.2881	1.2843 - 1.2918	12
5	116	104L	104L	34:10	1.2904	1.2866 - 1.2941	12
5	85	104L	104L	34:15	1.2940	1.2908 - 1.2970	10
5	110	104L	104L	34:25	1.3000	1.2968 - 1.3031	10
5	115	104L	104L	34:25	1.2998	1.2966 - 1.3029	10
5	82	104L	104L	34:47	1.3141	1.3122 - 1.3159	6
5	111	104L	104L	35:01	1.3225	1.3205 - 1.3243	6
5	120	104L	104L	35:29	1.3401	1.3382 - 1.3419	6
5	124	104L	123L/114L/118L/105L/126L	36:42	1.3858	1.3826 - 1.3889	10
5	108/107	104L	123L/114L/118L/105L/126L	36:41	1.3854	1.3822 - 1.3885	10
5	107/109	104L	123L/114L/118L/105L/126L	36:55	1.3942	1.3923 - 1.3961	6
5	123	123L	123L	37:01	1.0004	0.9990 - 1.0017	6
5	106	123L	123L/114L/118L/105L/126L	37:10	1.0042	1.0028 - 1.0055	6
5	118	118L	118L	37:22	1.0007	0.9993 - 1.0020	6

Procedure change to KNOX-ID-0013, Rev. 4, Analysis of Polychlorinated Biphenyl (PCB) Isomers by Isotope Dilution HRGC/HRMS

Table 2

RT References, Quantitation References, Retention Times (RT) and Relative Retiontion Times (RRT) for the 209 CB Congeners on SPB-Octyl

Cl No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
5	122	118L	123L/114L/118L/105L/126L	37:46	1.0117	1.0103 - 1.0130	6
5	114	114L	114L	37:54	1.0006	0.9992 - 1.0019	6
5	105	105L	105L	38:37	1.0010	0.9997 - 1.0023	6
5	127	105L	123L/114L/118L/105L/126L	40:00	1.0367	1.0354 - 1.0380	6
5	126	126L	126L	41:39	1.0005	0.9992 - 1.0016	6
Hexachlorobiphenyls							
6	155L	138L	101L	32:02	0.7919	0.7877 - 0.7959	20
6	153L	167L	156L/167L/169L	39:08	0.9018	0.8998 - 0.9037	10
6	138L	138L	138L	40:27	1.0000	0.9794 - 1.0205	100
6	167L	138L	138L	43:24	1.0729	1.0687 - 1.0769	20
6	156L	138L	138L	44:34	1.1018	1.1005 - 1.1030	6
6	157L	138L	138L	44:39	1.1037	1.0995 - 1.1078	20
6	169L	138L	138L	47:50	1.1822	1.1809 - 1.1834	6
6	155	155L	155L	32:03	1.0006	0.9980 - 1.0032	10
6	152	155L	155L	32:25	1.0121	1.0105 - 1.0136	6
6	150	155L	155L	32:31	1.0154	1.0137 - 1.0169	6
6	136	155L	155L	33:00	1.0303	1.0287 - 1.0318	6
6	145	155L	155L	33:13	1.0369	1.0352 - 1.0384	6
6	148	155L	155L	34:38	1.0812	1.0796 - 1.0828	6
6	151	155L	155L	35:17	1.1017	1.0991 - 1.1043	10
6	135	155L	155L	35:22	1.1041	1.1015 - 1.1067	10
6	154	155L	155L	35:27	1.1066	1.1039 - 1.1091	10
6	144	155L	155L	35:51	1.1192	1.1176 - 1.1207	6
6	147	155L	156L/167L/169L	36:12	1.1298	1.1271 - 1.1323	10
6	149	155L	156L/167L/169L	36:14	1.1310	1.1284 - 1.1336	10
6	134	155L	156L/167L/169L	36:27	1.1379	1.1353 - 1.1405	10
6	143	155L	156L/167L/169L	36:34	1.1412	1.1386 - 1.1438	10
6	139	155L	156L/167L/169L	36:46	1.1477	1.1450 - 1.1502	10
6	140	155L	156L/167L/169L	36:49	1.1490	1.1464 - 1.1516	10
6	131	155L	156L/167L/169L	37:02	1.1563	1.1547 - 1.1578	6
6	142	155L	156L/167L/169L	37:12	1.1610	1.1594 - 1.1625	6
6	132	155L	156L/167L/169L	37:34	1.1725	1.1698 - 1.1750	10
6	133	155L	156L/167L/169L	37:56	1.1841	1.1825 - 1.1856	6
6	165	167L	156L/167L/169L	38:19	0.8827	0.8815 - 0.8838	6
6	146	167L	156L/167L/169L	38:33	0.8883	0.8871 - 0.8894	6
6	161	167L	156L/167L/169L	38:42	0.8915	0.8903 - 0.8926	6
6	153	167L	156L/167L/169L	39:11	0.9028	0.9008 - 0.9046	10
6	168	167L	156L/167L/169L	39:13	0.9035	0.9016 - 0.9054	10
6	141	167L	156L/167L/169L	39:25	0.9081	0.9069 - 0.9092	6
6	130	167L	156L/167L/169L	39:51	0.9182	0.9170 - 0.9194	6
6	137	167L	156L/167L/169L	40:02	0.9225	0.9213 - 0.9236	6
6	164	167L	156L/167L/169L	40:11	0.9258	0.9246 - 0.9269	6
6	138	167L	156L/167L/169L	40:29	0.9327	0.9300 - 0.9353	14
6	163	167L	156L/167L/169L	40:29	0.9326	0.9298 - 0.9352	14
6	129	167L	156L/167L/169L	40:35	0.9351	0.9324 - 0.9378	14
6	160	167L	156L/167L/169L	40:38	0.9362	0.9342 - 0.9380	10
6	158	167L	156L/167L/169L	40:50	0.9409	0.9397 - 0.9420	6
6	166	167L	156L/167L/169L	41:41	0.9605	0.9585 - 0.9624	10
6	128	167L	156L/167L/169L	41:48	0.9632	0.9612 - 0.9650	10
6	159	167L	156L/167L/169L	42:40	0.9830	0.9818 - 0.9841	6
6	162	167L	156L/167L/169L	42:57	0.9895	0.9883 - 0.9906	6

Procedure change to KNOX-ID-0013, Rev. 4, Analysis of Polychlorinated Biphenyl (PCB) Isomers by Isotope Dilution HRGC/HRMS

Table 2

RT References, Quantitation References, Retention Times (RT) and Relative Retiontion Times (RRT) for the 209 CB Congeners on SPB-Octyl

Cl No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
6	167	167L	167L	43:27	1.0009	0.9997 - 1.0020	6
6	156	156L	156L	44:37	1.0008	0.9996 - 1.0018	6
6	157	157L	156L	44:41	1.0008	0.9989 - 1.0026	10
6	169	169L	169L	47:51	1.0003	0.9993 - 1.0013	6
Heptachlorobiphenyls							
7	188L	180L	180L	37:46	0.8226	0.8189 - 0.8262	20
7	178L	180L	180L	40:51	0.8896	0.8859 - 0.8931	20
7	180L	180L	180L	45:55	1.0000	0.9963 - 1.0036	20
7	170L	180L	180L	47:15	1.0288	1.0251 - 1.0324	20
7	189L	180L	194L	50:18	1.0954	1.0918 - 1.0990	20
7	188	188L	188L	37:47	1.0004	0.9990 - 1.0017	6
7	179	188L	188L/170L	38:15	1.0127	1.0114 - 1.0140	6
7	184	188L	188L/170L	38:39	1.0232	1.0218 - 1.0244	6
7	176	188L	188L/170L	39:07	1.0355	1.0342 - 1.0368	6
7	186	188L	188L/170L	39:34	1.0476	1.0462 - 1.0489	6
7	178	188L	188L/170L	40:53	1.0824	1.0811 - 1.0837	6
7	175	188L	188L/170L	41:30	1.0988	1.0974 - 1.1000	6
7	187	188L	188L/170L	41:46	1.1058	1.1044 - 1.1071	6
7	182	188L	188L/170L	41:57	1.1105	1.1091 - 1.1118	6
7	183	188L	188L/170L	42:22	1.1217	1.1203 - 1.1230	6
7	185	188L	188L/170L	42:31	1.1255	1.1241 - 1.1268	6
7	174	188L	188L/170L	42:41	1.1301	1.1287 - 1.1314	6
7	177	188L	188L/170L	43:08	1.1418	1.1405 - 1.1431	6
7	181	188L	188L/170L	43:28	1.1507	1.1493 - 1.1519	6
7	171	188L	188L/170L	43:45	1.1580	1.1558 - 1.1602	10
7	173	188L	188L/170L	43:44	1.1576	1.1562 - 1.1589	6
7	172	189L	188L/170L	45:19	0.9007	0.8997 - 0.9017	6
7	192	189L	188L/170L	45:34	0.9057	0.9047 - 0.9066	6
7	193	189L	188L/170L	45:53	0.9123	0.9113 - 0.9133	6
7	180	189L	188L/170L	45:56	0.9131	0.9121 - 0.9140	6
7	191	189L	188L/170L	46:19	0.9206	0.9196 - 0.9215	6
7	170	189L	170L	47:17	0.9400	0.9390 - 0.9410	6
7	190	189L	188L/170L	47:46	0.9498	0.9487 - 0.9507	6
7	189	189L	189L	50:20	1.0004	0.9994 - 1.0014	6
Octachlorobiphenyls							
8	202L	194L	180L	43:08	0.8236	0.8204 - 0.8267	20
8	194L	194L	194L	52:23	1.0000	0.9960 - 1.0039	25
8	205L	194L	194L	52:50	1.0088	1.0040 - 1.0135	30
8	202	202L	202L	43:09	1.0004	0.9984 - 1.0022	10
8	200/201	202L	202L	44:05	1.0219	1.0199 - 1.0237	10
8	204	202L	202L	44:43	1.0367	1.0355 - 1.0378	6
8	197	202L	202L	44:57	1.0421	1.0409 - 1.0432	6
8	199/200	202L	202L	45:09	1.0468	1.0456 - 1.0480	6
8	198	202L	202L	47:50	1.1088	1.1068 - 1.1107	10
8	201/199	202L	202L	47:54	1.1103	1.1091 - 1.1114	6
8	196	205L	202L	48:33	0.9188	0.9178 - 0.9197	6
8	203	205L	202L	48:43	0.9221	0.9211 - 0.9230	6
8	195	205L	205L	50:07	0.9485	0.9475 - 0.9494	6
8	194	205L	205L	52:24	0.9919	0.9909 - 0.9928	6
8	205	205L	205L	52:52	1.0004	0.9994 - 1.0013	6
Nonachlorobiphenyls							

Procedure change to KNOX-ID-0013, Rev. 4, Analysis of Polychlorinated Biphenyl (PCB) Isomers by Isotope Dilution HRGC/HRMS

Table 2

RT References, Quantitation References, Retention Times (RT) and Relative Retiontion Times (RRT) for the 209 CB Congeners on SPB-Octyl

Cl No[1]	BZ/IUPAC No[2,3]	RT Ref[4]	Quantitaion Reference[5]	RT[6]	RRT[7]	RRT Limit[8]	RT Win[9] (sec)
9	208L	194L	194L	49:46	0.9501	0.9468 - 0.9532	20
9	206L	194L	194L	54:33	1.0414	1.0366 - 1.0461	30
9	208	208L	208L	49:47	1.0004	0.9993 - 1.0013	6
9	207	208L	206L/208L	50:43	1.0190	1.0180 - 1.0200	6
9	206	206L	206L	54:34	1.0003	0.9994 - 1.0012	6
Decachlorobiphenyls							
10	209L	194L	194L	56:08	1.0716	1.0667 - 1.0763	30
10	209	209L	209L	56:09	1.0004	0.9994 - 1.0012	6

1 Number of chlorines on congener.
2 Suffix "L" indicated labeled compound.
3 IUPAC Number per Table 2 of Method 1668A.
4 Retention time reference that is used to locate target congener.
5 Quantitation reference that is used to calculate the concentration of the target congener or labeled standard.
6 Retention time of target congener.
7 RRT between the RT for the congener and the RT for the reference.
8 Nominal limits based on an ± 0.5% of the RRT, adjusted for the nearest eluted isomer.
9 RT window width for congener or group of two or more congeners.

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030711.	Prep Date		SDG No	
Analysis ID	96238	Prep Exp Date		Date Received	
Analysis Date	03/07/07 17:03	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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	135	200	54	80	0.68 *	/	
	PCB 2 (BZ)	14:17	00:00	0	1368154	424426	454919	135490	3.22	ABV/ABV	
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	215	263	86	105	0.82 *	/	
	13C12-PCB 1	12:13	00:00	0	2530778	799829	1036656	334996	3.16	AVV/AVV	
	13C12-PCB 3	14:27	00:00	0	2521044	786266	798476	247964	3.21	AVV/AVV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	215	335	86	134	0.64 *	/	
	PCB 10 (BZ)	14:55	00:00	0	930537	599537	291583	185115	1.55	AVV/AVV	
	PCB 9 (BZ)	16:43	00:00	0	1008791	639580	306494	201212	1.58	ABV/ABV	
	PCB 6 (BZ)	17:09	00:00	0	968526	610829	289404	182204	1.59	AVV/AVV	
	PCB 8 (BZ)	17:35	00:00	0	1051309	652567	306810	190734	1.61	AVV/AVV	
	PCB 14 (BZ)	19:10	00:00	0	986891	617675	254743	165952	1.60	AVV/AVV	M
	PCB 11 (BZ)	20:05	00:00	0	960741	612195	251332	163443	1.57	ABV/AVV	
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	340	213	136	85	1.60	/	
	13C12-PCB 4	14:44	00:00	0	1110963	694839	366923	232585	1.60	AVV/ABV	
	13C12-PCB 9	16:41	00:00	0	1894436	1172942	580184	362917	1.62	AVV/AVV	
	13C12-PCB 8	17:34	00:00	0	2120257	1313598	617107	385638	1.61	AVV/AVV	
	13C12-PCB 15	20:43	00:00	0	1985892	1249058	509355	314779	1.59	ABV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	193	190	77	76	1.01	/	
	PCB 30 (BZ)	19:40	00:00	0	637221	608006	173667	161168	1.05	ABV/ABV	M
	PCB 27 (BZ)	20:26	00:00	0	649084	607063	169825	160636	1.07	AVV/AVV	
	PCB 32 (BZ)	21:12	00:00	0	675783	663170	173525	170103	1.02	AVV/ABV	
	PCB 34 (BZ)	22:25	00:00	0	827497	805404	196446	196068	1.03	ABV/ABV	M
	PCB 26 (BZ)	22:54	00:00	0	851602	843318	215309	205929	1.01	AVV/AVV	M
	PCB 31 (BZ)	23:27	00:00	0	907566	881585	215987	207115	1.03	AVV/AVV	M
	PCB 33 (BZ)	24:02	00:00	0	920378	901439	194299	190353	1.02	AVV/AVV	M
	PCB 36 (BZ)	25:56	00:00	0	865144	826740	202187	192610	1.05	ABV/ABV	M
	PCB 38 (BZ)	26:53	00:00	0	846726	822427	186019	181436	1.03	ABV/ABV	M
	PCB 35 (BZ)	27:25	00:00	0	845703	815456	189606	178086	1.04	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	625	275	250	110	2.27 *	/	
	13C12-PCB 19	17:55	00:00	0	701355	643571	204416	187437	1.09	AVV/AVV	
	13C12-PCB 32	21:11	00:00	0	1271270	1210610	331707	311784	1.05	AVV/AVV	
	13C12-PCB 31	23:26	00:00	0	1728274	1686538	431079	417068	1.02	ABV/ABV	
	13C12-PCB 28	23:44	00:00	0	1665059	1609562	391229	375662	1.03	AVV/AVV	
	13C12-PCB 37	27:49	00:00	0	1580278	1490128	343662	327838	1.06	AVV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	178	240	71	96	0.74	/	
	PCB 50 (BZ)	23:11	00:00	0	894407	1128390	220278	278583	0.79	ABV/ABV	M
	PCB 45 (BZ)	23:55	00:00	0	792296	1025803	192019	248563	0.77	ABB/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 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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030711.	Prep Date		SDG No	
Analysis ID	96238	Prep Exp Date		Date Received	
Analysis Date	03/07/07 17:03	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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 52 (BZ)	25:36	00:00	0	933050	1199092	216568	279404	0.78	ABV/ABV	D
	PCB 49 (BZ)	26:04	00:00	0	946310	1218727	221674	282081	0.78	AVV/AVV	M
	PCB 75 (BZ)	26:54	00:00	0	1340067	1710063	303771	387253	0.78	AVV/AVV	M
	PCB 41 (BZ)	27:33	00:00	0	775185	993337	172819	225607	0.78	AVV/AVV	
	PCB 72 (BZ)	28:38	00:00	0	1330936	1645275	301636	362743	0.81	ABV/ABV	M
	PCB 57 (BZ)	29:21	00:00	0	1249059	1587370	289984	357921	0.79	ABV/AVV	M
	PCB 63 (BZ)	30:01	00:00	0	1275133	1628740	280243	358270	0.78	ABV/AVV	D
	PCB 66 (BZ)	30:43	00:00	0	1282560	1645157	289157	367433	0.78	ABV/ABV	D
	PCB 79 (BZ)	33:31	00:00	0	1350468	1722480	283458	365538	0.78	ABV/AVV	D
	PCB 78 (BZ)	34:06	00:00	0	1276140	1634292	279113	350806	0.78	AVV/AVV	
	PCB 81 (BZ)	34:33	00:00	0	1318125	1673033	282711	352984	0.79	AVV/AVV	
302					**301.9626**	**303.9597**	**301.9626**	**303.9597**	**0.65-0.89**		
	Noise	00:00	00:00	0	135	118	54	47	1.15 *	/	
	13C12-PCB 54	21:04	00:00	0	637899	811186	159173	207703	0.79	ABV/ABV	
	13C12-PCB 52	25:35	00:00	0	836236	1075373	192604	251820	0.78	ABV/ABV	
	13C12-PCB 79	33:30	00:00	0	1342122	1691321	294237	371713	0.79	ABV/ABV	
	13C12-PCB 81	34:32	00:00	0	1149061	1444059	247865	309463	0.80	ABV/ABV	D
	13C12-PCB 77	35:08	00:00	0	1179027	1450567	251290	296704	0.81	ABB/ABB	M
326					**325.8804**	**327.8775**	**325.8804**	**327.8775**	**1.32-1.78**		
	Noise	00:00	00:00	0	190	200	76	80	0.95 *	/	
	PCB 96 (BZ)	27:00	00:00	0	1400077	859218	322672	197312	1.63	ABV/ABV	D
	PCB 103 (BZ)	28:48	00:00	0	1116061	708540	251425	165627	1.58	ABV/ABV	M
	PCB 95 (BZ)	29:34	00:00	0	1078015	664308	246127	147300	1.62	AVV/AVV	D
	PCB 88 (BZ)	30:17	00:00	0	956423	593043	218231	133002	1.61	AVV/AVV	
	PCB 89 (BZ)	31:09	00:00	0	932537	587086	198144	125982	1.59	ABV/ABV	D
	PCB 92 (BZ)	31:51	00:00	0	1010771	621292	225003	136926	1.63	ABV/ABV	D
	PCB 113 (BZ)	32:22	00:00	0	1388570	869820	295732	181757	1.60	ABV/ABV	D
	PCB 83 (BZ)	32:56	00:00	0	871596	551876	181031	111747	1.58	ABV/AVV	D
	PCB 119 (BZ)	33:28	00:00	0	1516685	944120	330171	202550	1.61	ABV/ABV	DM
	PCB 87 (BZ)	33:41	00:00	0	1014056	638999	213484	130844	1.59	AVB/AVB	D
	PCB 85 (BZ)	34:17	00:00	0	1085204	686527	228990	145651	1.58	ABV/ABV	DM
	PCB 82 (BZ)	34:49	00:00	0	839421	522610	178265	111990	1.61	AVV/AVV	M
	PCB 120 (BZ)	35:30	00:00	0	1539120	960573	337928	209147	1.60	AVB/AVB	D
	PCB 124 (BZ)	36:42	00:00	0	1669764	1038520	334217	213354	1.61	AVV/AVV	D
	PCB 106 (BZ)	37:12	00:00	0	1638256	1054746	330516	214237	1.55	AVV/AVV	
	PCB 122 (BZ)	37:48	00:00	0	1517467	970543	319822	197912	1.56	AVV/AVV	M
	PCB 105 (BZ)	38:38	00:00	0	1665739	1080751	343346	223162	1.54	ABV/AVV	M
	PCB 127 (BZ)	40:01	00:00	0	1764963	1085040	357804	228090	1.63	AVV/AVV	
338					**337.9207**	**339.9178**	**337.9207**	**339.9178**	**1.32-1.78**		
	Noise	00:00	00:00	0	140	120	56	48	1.17 *	/	
	13C12-PCB 104	26:31	00:00	0	1350571	826496	314238	189852	1.63	ABV/ABV	D
	13C12-PCB 95	29:32	00:00	0	1098754	671101	249744	149716	1.64	ABV/ABV	D
	13C12-PCB 101	32:24	00:00	0	1069295	661766	235955	147095	1.62	ABV/ABV	
	13C12-PCB 111	35:02	00:00	0	1377478	846737	295711	181201	1.63	AVV/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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030711.	Prep Date		SDG No	
Analysis ID	96238	Prep Exp Date		Date Received	
Analysis Date	03/07/07 17:03	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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		
	13C12-PCB 123	37:02	00:00	0	1594089	1013156	334006	211558	1.57	ABV/ABV	D
	13C12-PCB 118	37:22	00:00	0	1654185	1041738	346313	213711	1.59	AVV/AVV	D
	13C12-PCB 114	37:54	00:00	0	1611074	1019699	332681	210368	1.58	AVV/AVV	D
	13C12-PCB 105	38:36	00:00	0	1610288	1014414	328293	204197	1.59	ABV/ABV	M
	13C12-PCB 127	40:00	00:00	0	1745202	1088890	369420	230083	1.60	ABV/ABV	
	13C12-PCB 126	41:40	00:00	0	1718216	1077883	344737	213541	1.59	ABV/AVV	M
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	335	270	134	108	1.24	/	
	PCB 152 (BZ)	32:27	00:00	0	1146819	885504	242597	185199	1.30	ABV/ABV	
	PCB 136 (BZ)	33:02	00:00	0	1109159	847876	244095	190783	1.31	ABV/AVV	M
	PCB 148 (BZ)	34:40	00:00	0	831384	656863	181332	145051	1.27	ABV/ABV	
	PCB 151 (BZ)	35:19	00:00	0	832459	665691	175931	138662	1.25	ABV/AVV	
	PCB 144 (BZ)	35:53	00:00	0	871345	671293	184062	143014	1.30	AVV/AVV	
	PCB 143 (BZ)	36:35	00:00	0	948977	748815	196296	160896	1.27	AVV/AVV	
	PCB 142 (BZ)	37:13	00:00	0	875875	706829	182299	148339	1.24	ABV/AVV	
	PCB 133 (BZ)	37:57	00:00	0	923375	734941	192441	157359	1.26	ABB/ABB	
	PCB 161 (BZ)	38:43	00:00	0	1394031	1099099	293883	225186	1.27	ABV/AVV	D
	PCB 153 (BZ)	39:12	00:00	0	1279831	1010592	264071	207595	1.27	AVV/AVV	D
	PCB 130 (BZ)	39:52	00:00	0	897692	704209	177437	142396	1.27	ABV/AVV	D
	PCB 129 (BZ)	40:37	00:00	0	857100	682488	177135	143513	1.26	ABV/AVB	M
	PCB 166 (BZ)	41:43	00:00	0	1395837	1121568	280604	231254	1.24	AVV/AVV	
	PCB 159 (BZ)	42:41	00:00	0	1404087	1112025	300250	232852	1.26	AVV/AVV	D
	PCB 167 (BZ)	43:28	00:00	0	1457747	1166981	300622	239461	1.25	AVV/AVV	
	PCB 156 (BZ)	44:38	00:00	0	1535196	1195689	296791	226826	1.28	ABV/ABB	M
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	80	228	32	91	0.35 *	/	
	13C12-PCB 155	32:04	00:00	0	1144752	896101	254947	196436	1.28	ABV/ABV	M
	13C12-PCB 153	39:10	00:00	0	1243272	957597	255160	202166	1.30	ABV/ABV	D
	13C12-PCB 138	40:29	00:00	0	1125286	868845	233389	179034	1.30	ABV/ABV	M
	13C12-PCB 167	43:26	00:00	0	1453645	1124992	289259	227292	1.29	AVV/AVV	
	13C12-PCB 156	44:37	00:00	0	1301098	1026624	295515	227144	1.27	ABV/ABV	M
	13C12-PCB 157	44:41	00:00	0	1526699	1209017	312520	247462	1.26	AVB/AVB	M
	13C12-PCB 169	47:52	00:00	0	1366535	1082668	279290	215174	1.26	ABV/ABV	M
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	220	250	88	100	0.88 *	/	
	PCB 179 (BZ)	38:16	00:00	0	1147797	1083874	241864	234607	1.06	ABV/ABV	D
	PCB 176 (BZ)	39:08	00:00	0	1172490	1116728	245247	232164	1.05	AVV/AVV	D
	PCB 178 (BZ)	40:55	00:00	0	828881	778755	167977	161733	1.06	ABV/AVV	D
	PCB 175 (BZ)	41:32	00:00	0	876697	823767	179712	174254	1.06	AVV/AVV	D
	PCB 183 (BZ)	42:23	00:00	0	938450	903008	195193	187942	1.04	ABV/AVV	D
	PCB 177 (BZ)	43:09	00:00	0	798934	761351	167730	157621	1.05	AVV/ABB	D
	PCB 171 (BZ)	43:46	00:00	0	833806	791328	170151	157301	1.05	ABB/ABB	D
	PCB 172 (BZ)	45:20	00:00	0	818506	769582	163108	159731	1.06	AVV/AVV	D
	PCB 191 (BZ)	46:20	00:00	0	1175817	1105198	240827	229021	1.06	ABV/ABV	D

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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030711.	Prep Date		SDG No	
Analysis ID	96238	Prep Exp Date		Date Received	
Analysis Date	03/07/07 17:03	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

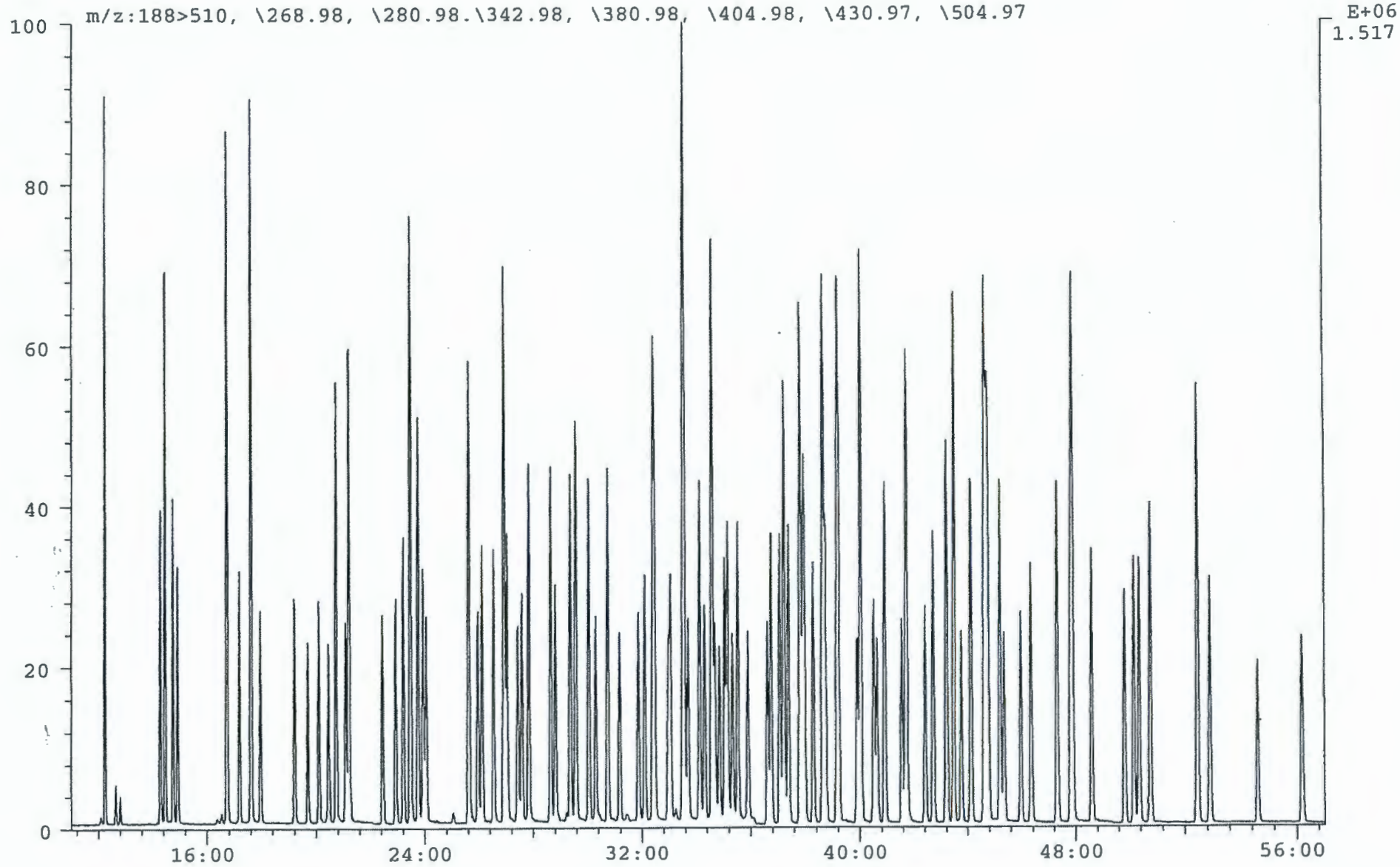
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	PCB 170 (BZ)	47:18	00:00	0	824594	781834	167823	160400	1.05	ABV/ABV	M
	PCB 190 (BZ)	47:48	00:00	0	1253509	1184852	232156	221333	1.06	ABV/AVV	D
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	195	148	78	59	1.32 *	/	
	13C12-PCB 188	37:49	00:00	0	1195918	1131010	252282	237959	1.06	ABV/ABV	D
	13C12-PCB 178	40:53	00:00	0	778633	735735	162780	153981	1.06	ABV/ABV	
	13C12-PCB 180	45:57	00:00	0	979672	918487	194703	184879	1.07	ABV/ABV	
	13C12-PCB 170	47:17	00:00	0	833446	771694	169388	151798	1.08	AVV/ABV	
	13C12-PCB 189	50:20	00:00	0	1259165	1193306	258473	237361	1.06	ABV/ABV	D
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	170	213	68	85	0.80	/	
	PCB 200 (BZ)/201 (IUPAC	44:06	00:00	0	1467228	1617596	293556	322312	0.91	ABV/ABV	
	PCB 204 (BZ)	44:45	00:00	0	1449138	1599508	302178	324045	0.91	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:10	00:00	0	1453992	1596148	289651	320285	0.91	AVV/AVV	D
	PCB 198 (BZ)	47:52	00:00	0	1023064	1126064	208880	224560	0.91	ABV/ABV	D
	PCB 196 (BZ)	48:34	00:00	0	1079402	1173550	220862	242026	0.92	ABV/AVV	D
	PCB 195 (BZ)	50:08	00:00	0	1100915	1223745	220156	241825	0.90	AVV/AVV	
	PCB 194 (BZ)	52:26	00:00	0	1171562	1299810	228811	263888	0.90	ABV/ABV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	103	108	41	43	0.95	/	
	13C12-PCB 202	43:11	00:00	0	932177	1029257	188293	206512	0.91	ABV/ABV	D
	13C12-PCB 194	52:25	00:00	0	746131	810608	150823	162525	0.92	ABB/ABB	
	13C12-PCB 205	52:52	00:00	0	1049467	1148482	215402	233091	0.91	ABB/ABV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	128	193	51	77	0.66	/	
	PCB 207 (BZ)	50:44	00:00	0	1246258	1591408	244917	316529	0.78	ABV/ABV	D
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	133	158	53	63	0.84	/	
	13C12-PCB 208	49:47	00:00	0	921029	1148900	180393	230930	0.80	AVV/AVV	
	13C12-PCB 206	54:35	00:00	0	604819	766825	118619	156922	0.79	ABV/AVV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	108	115	43	46	0.93 *	/	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	123	133	49	53	0.92 *	/	
	13C12-PCB 209	56:10	00:00	0	704235	986531	126014	179004	0.71	ABV/ABV	

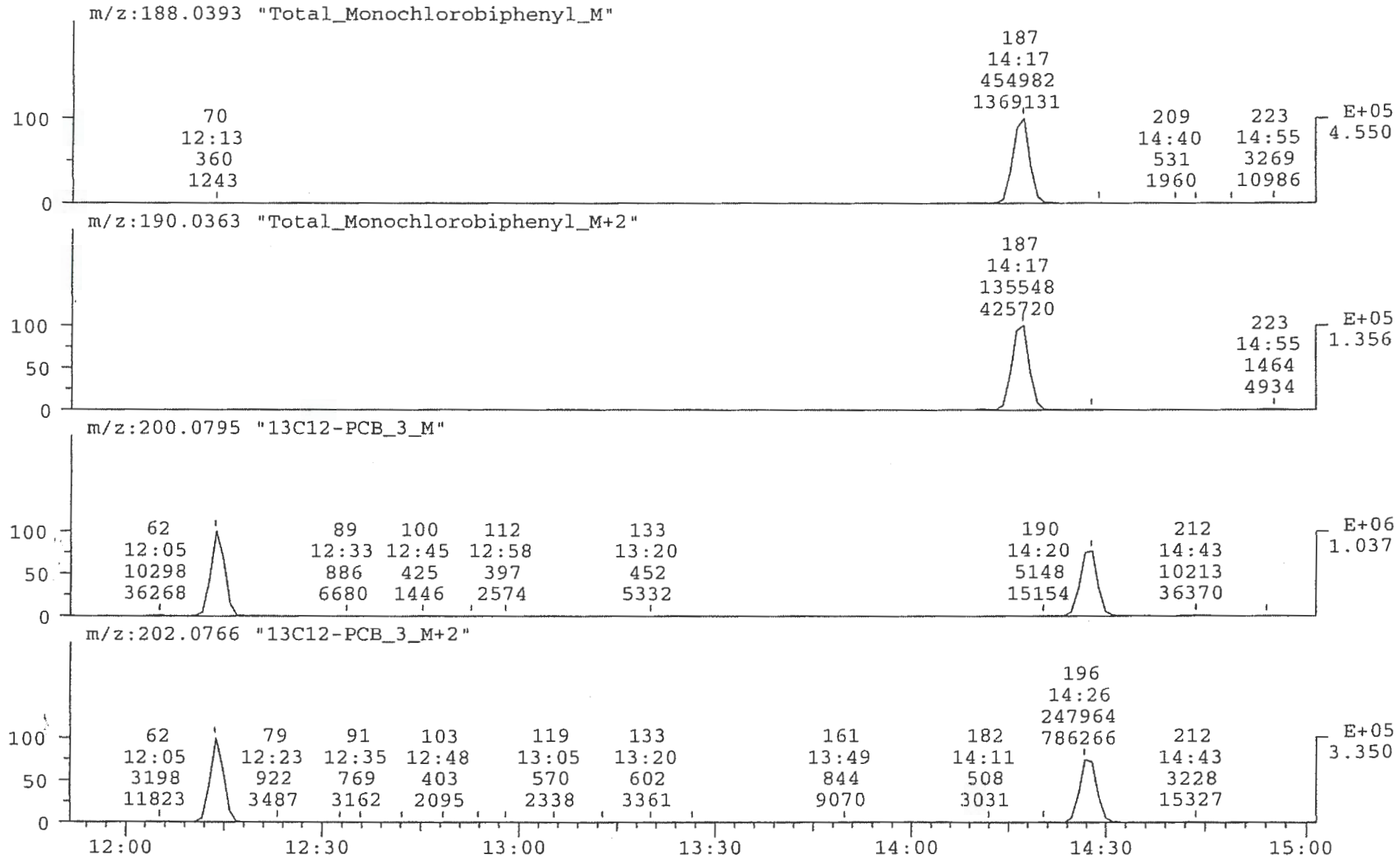
Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comam limit D = peak outside RT window W = peak outside first/last X = peak has dup match

Int DCG 3-17-07
Calc DCG 3-19-07
QC DFW 3/19/07

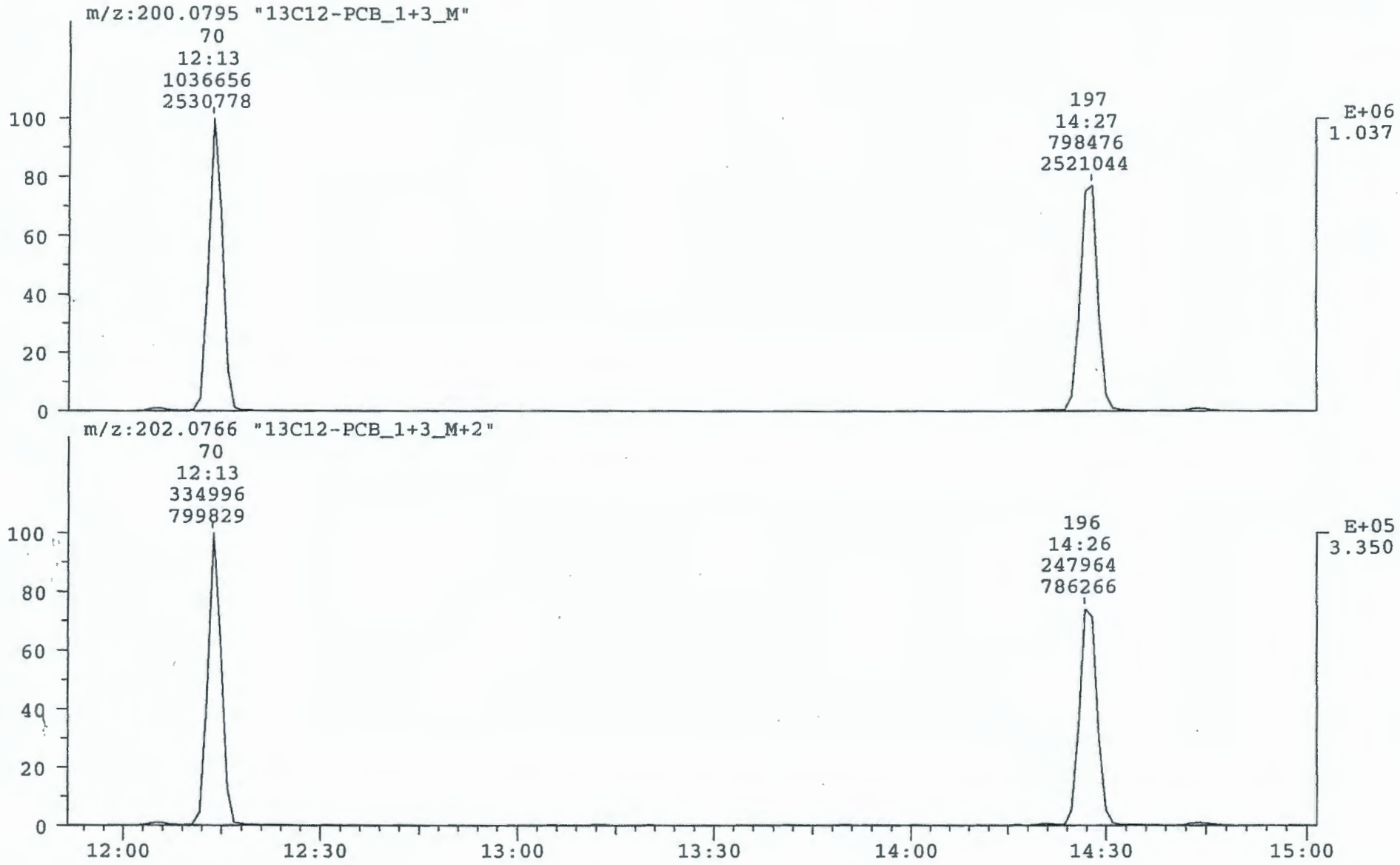
CHRO: a07030711 07-Mar-07 Elapse: 31:13 1145
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2 > 2602 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



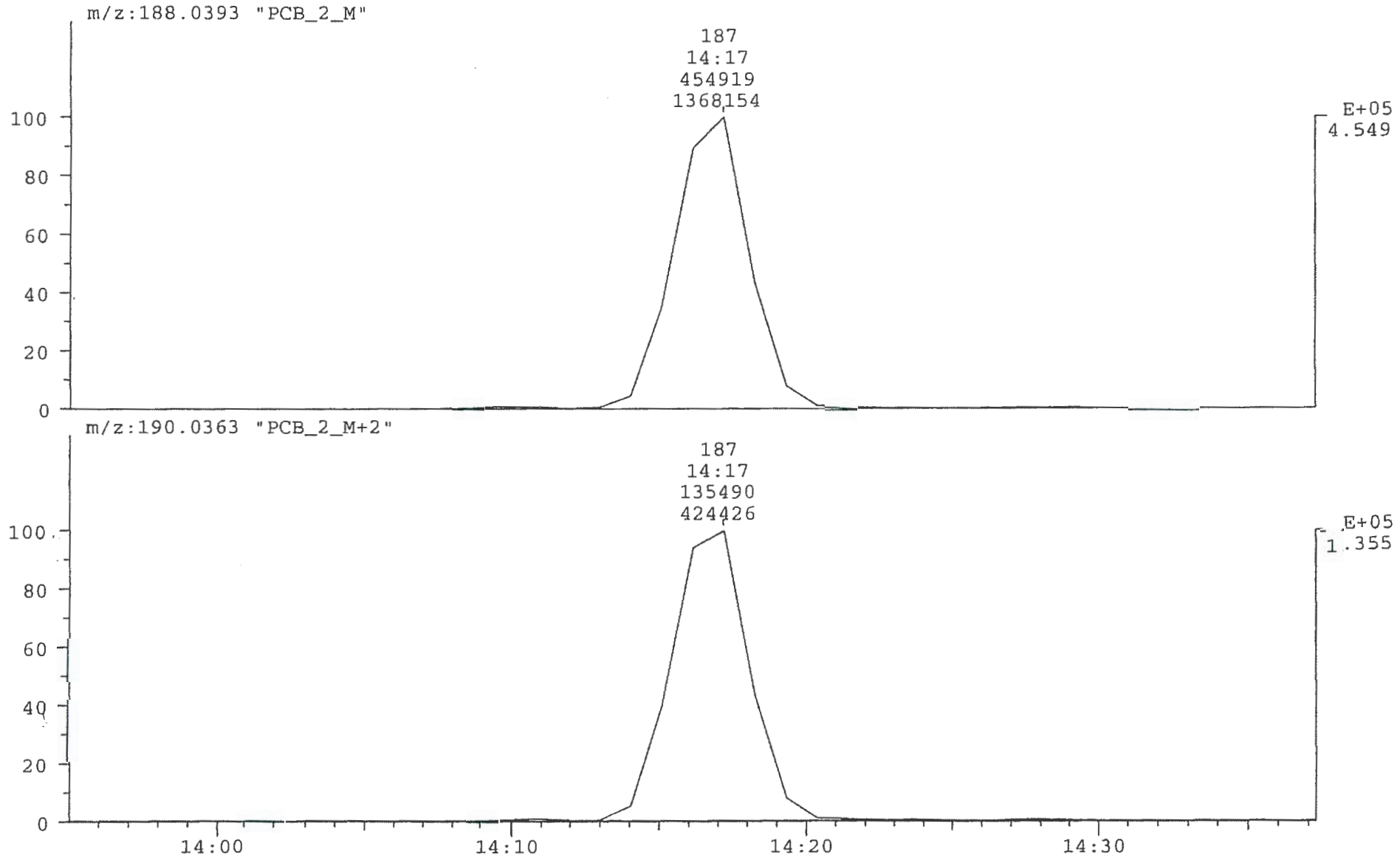
CHRO: a07030711 07-Mar-07 Elapse: 13:26.5 139
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



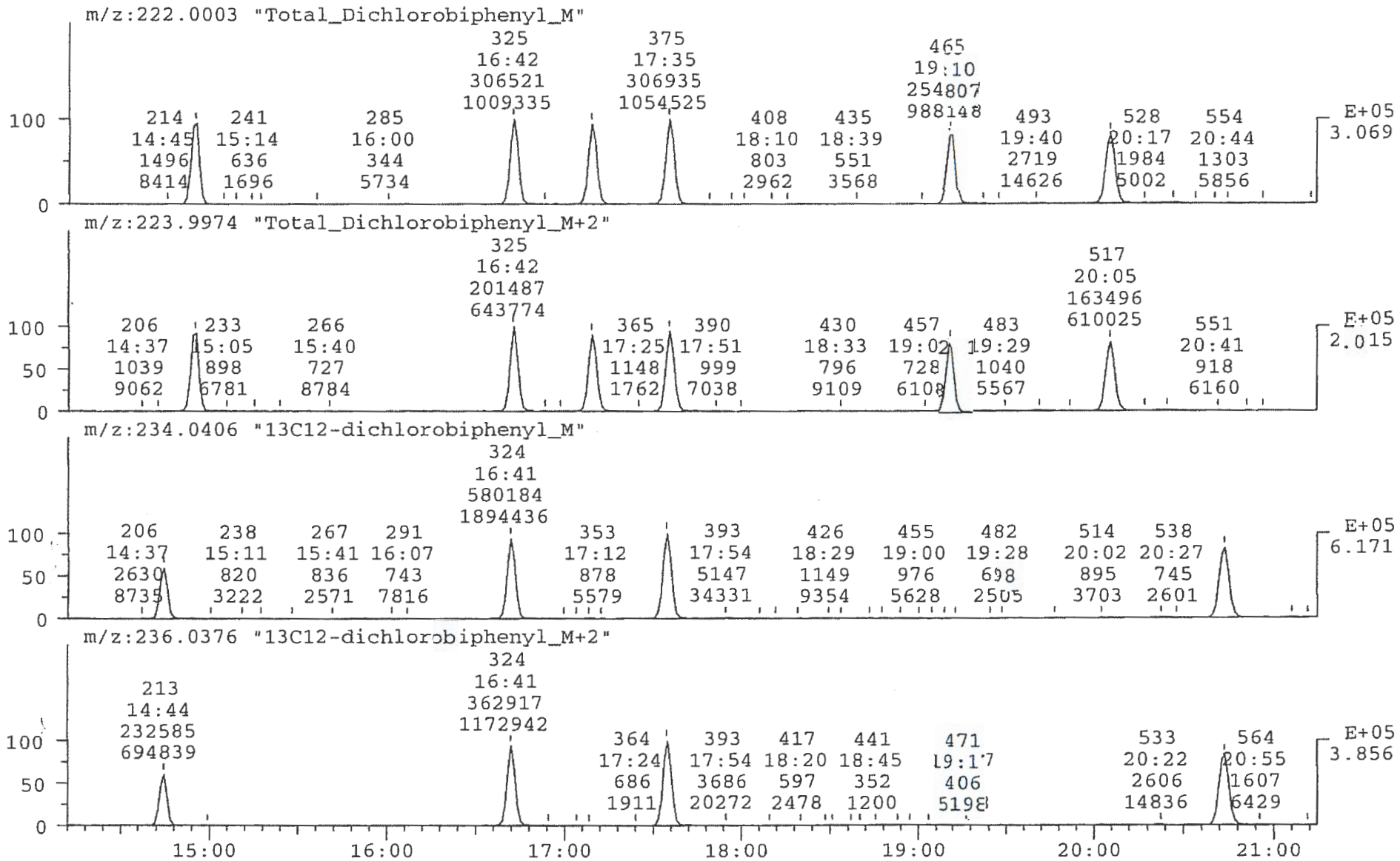
```
CHRO:  a07030711                                07-Mar-07   Elapse:  13:26.5      139
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



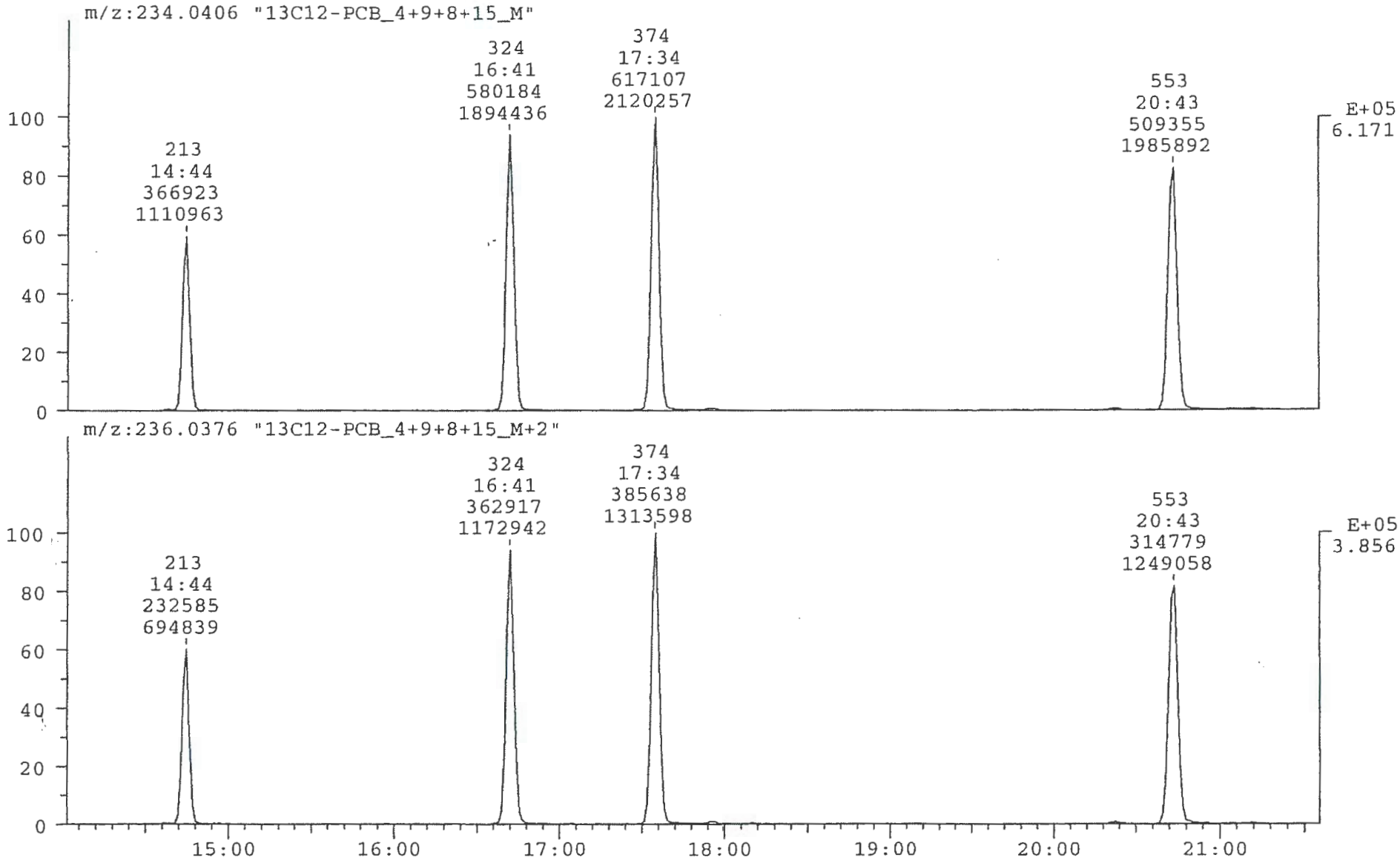
```
CHRO:  a07030711                                07-Mar-07   Elapse:  14:16.1      186
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   166 > 206             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



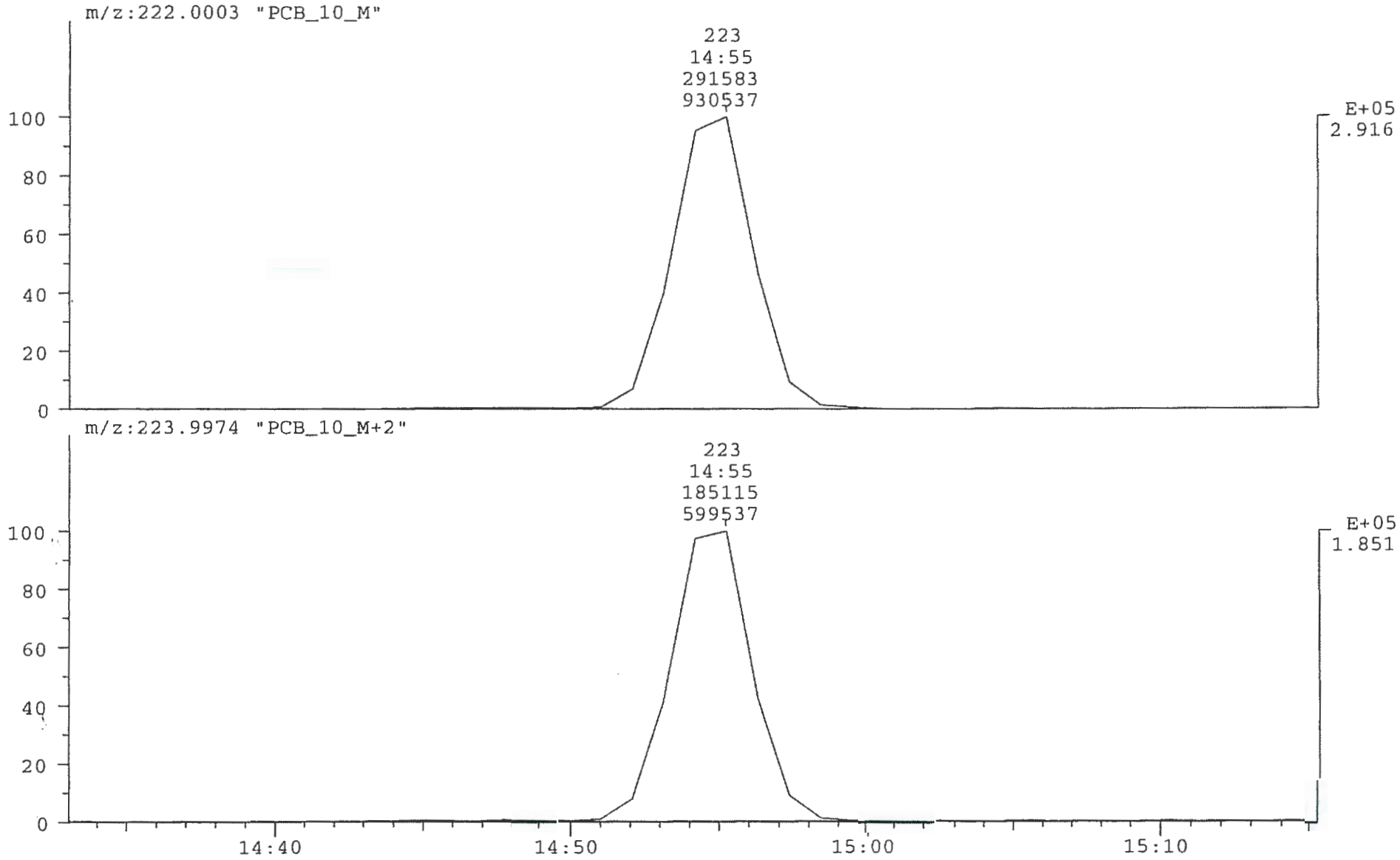
```
CHRO:  a07030711                                07-Mar-07   Elapse:  17:43.1      382
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



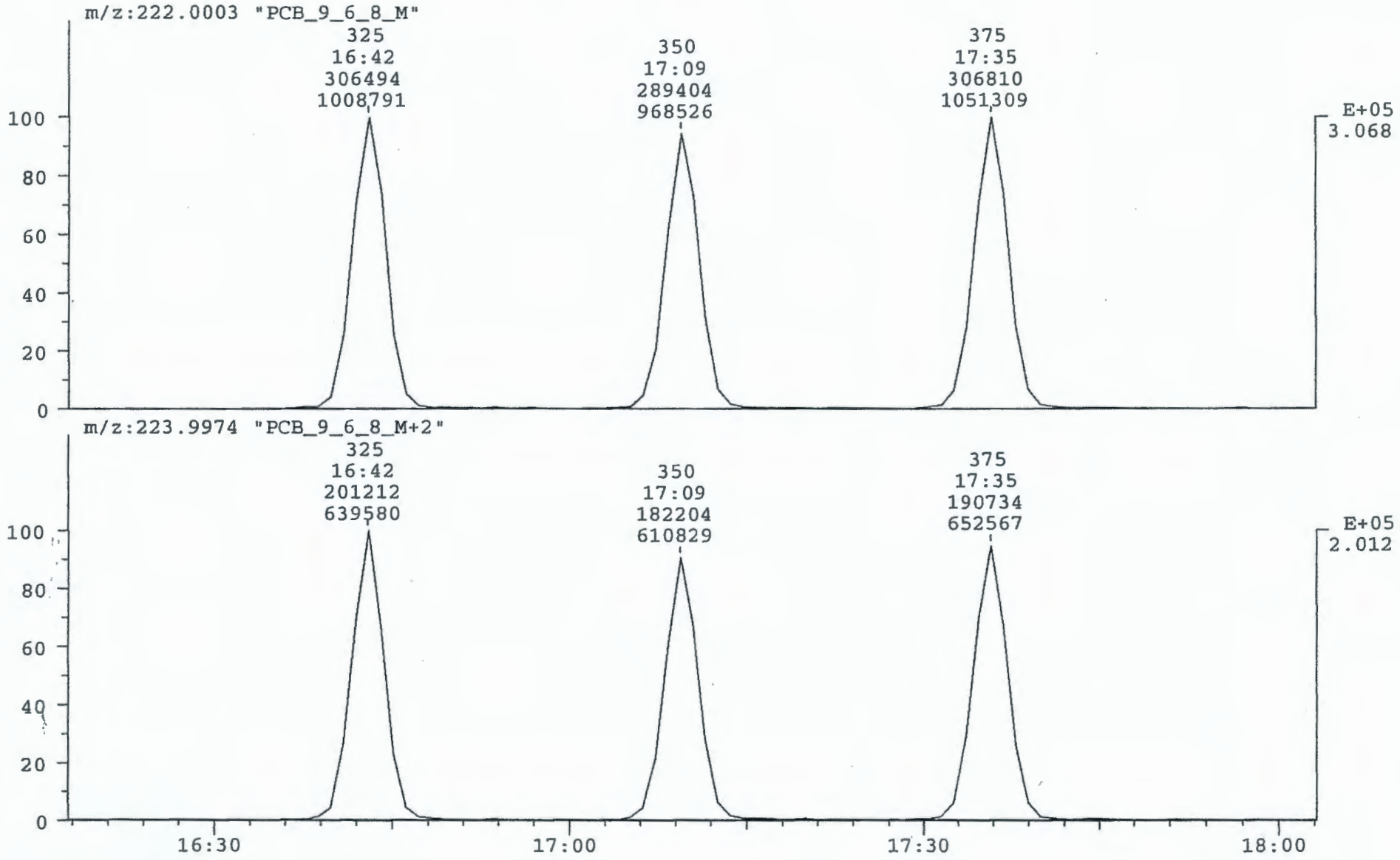
```
CHRO:  a07030711                                07-Mar-07   Elapse:  17:43.1      382
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



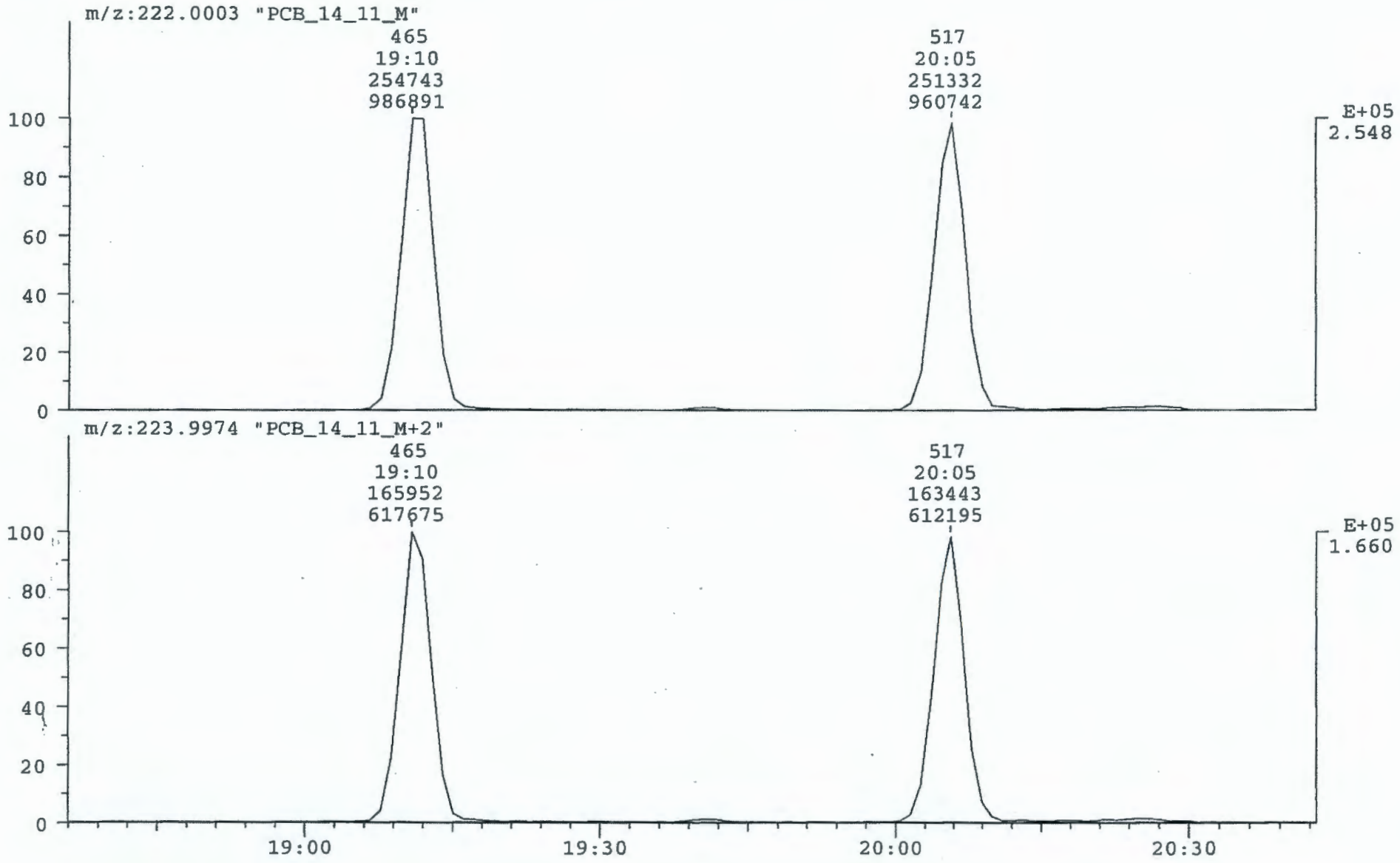
```
CHRO:  a07030711                                07-Mar-07   Elapse:  14:54.2      222
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   202 > 242             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



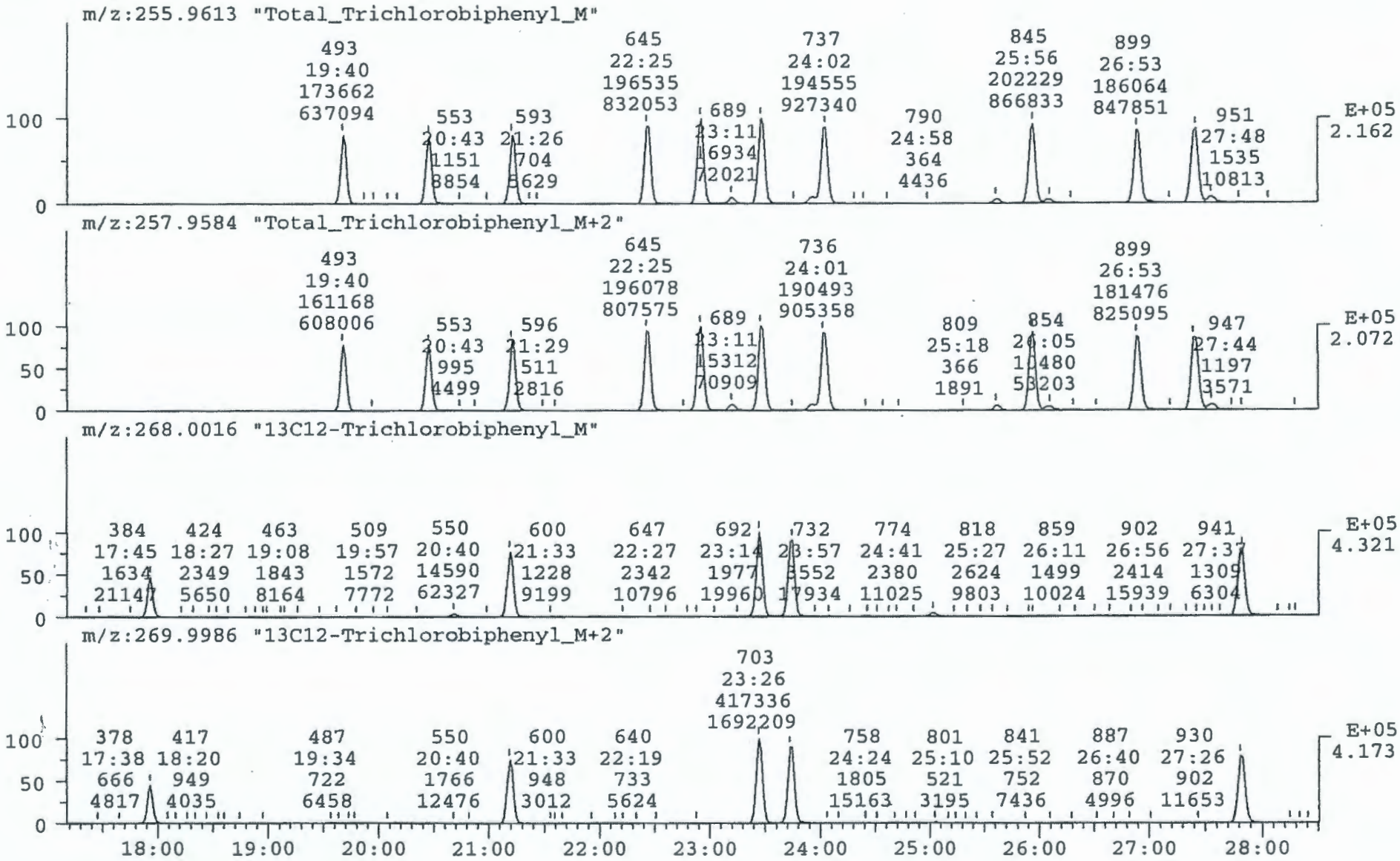
```
CHRO:  a07030711                                07-Mar-07   Elapse:  17:10.4      351
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   301 > 401             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



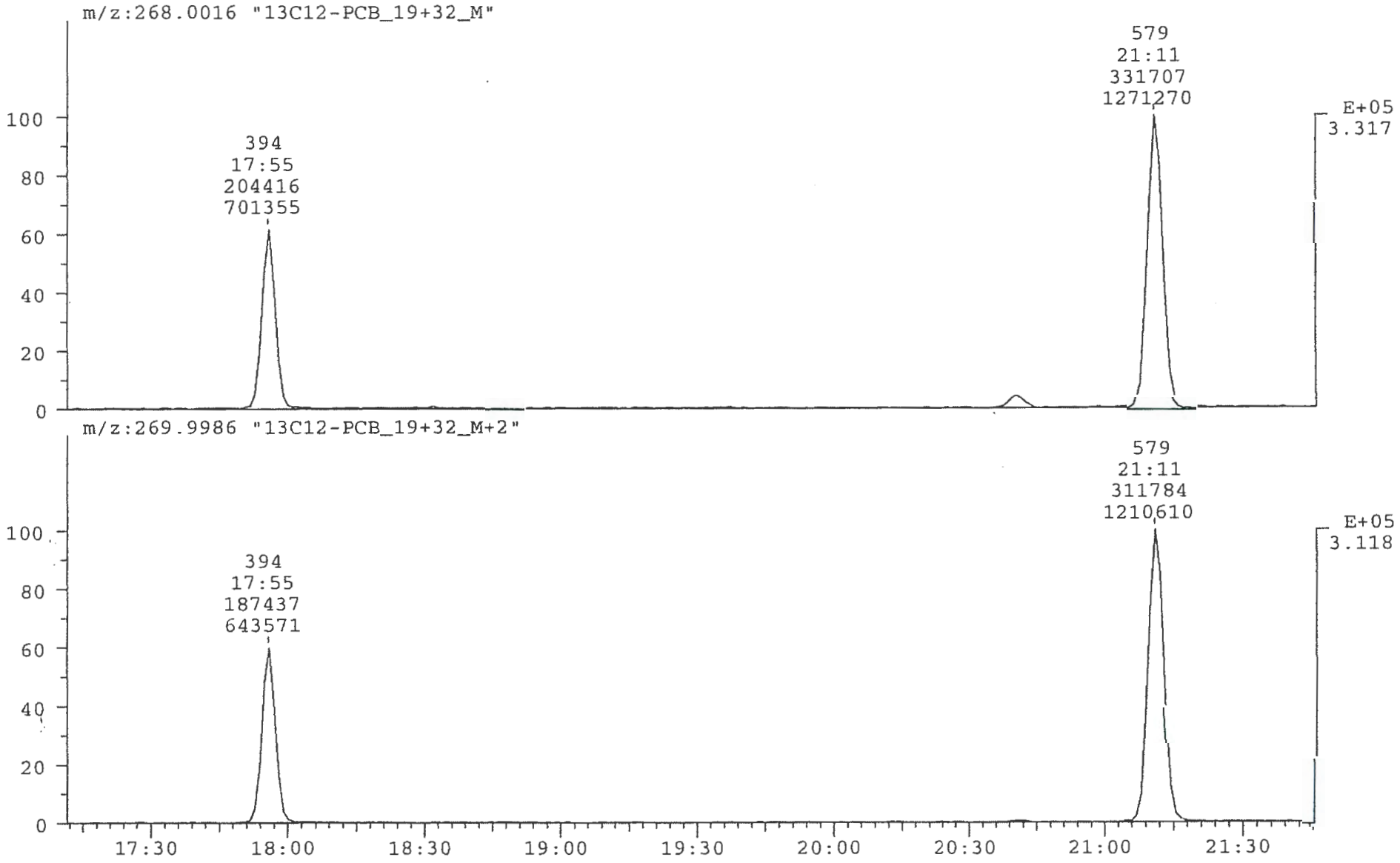
```
CHRO:  a07030711                                07-Mar-07   Elapse:  19:39.3     492
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   432 > 552             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



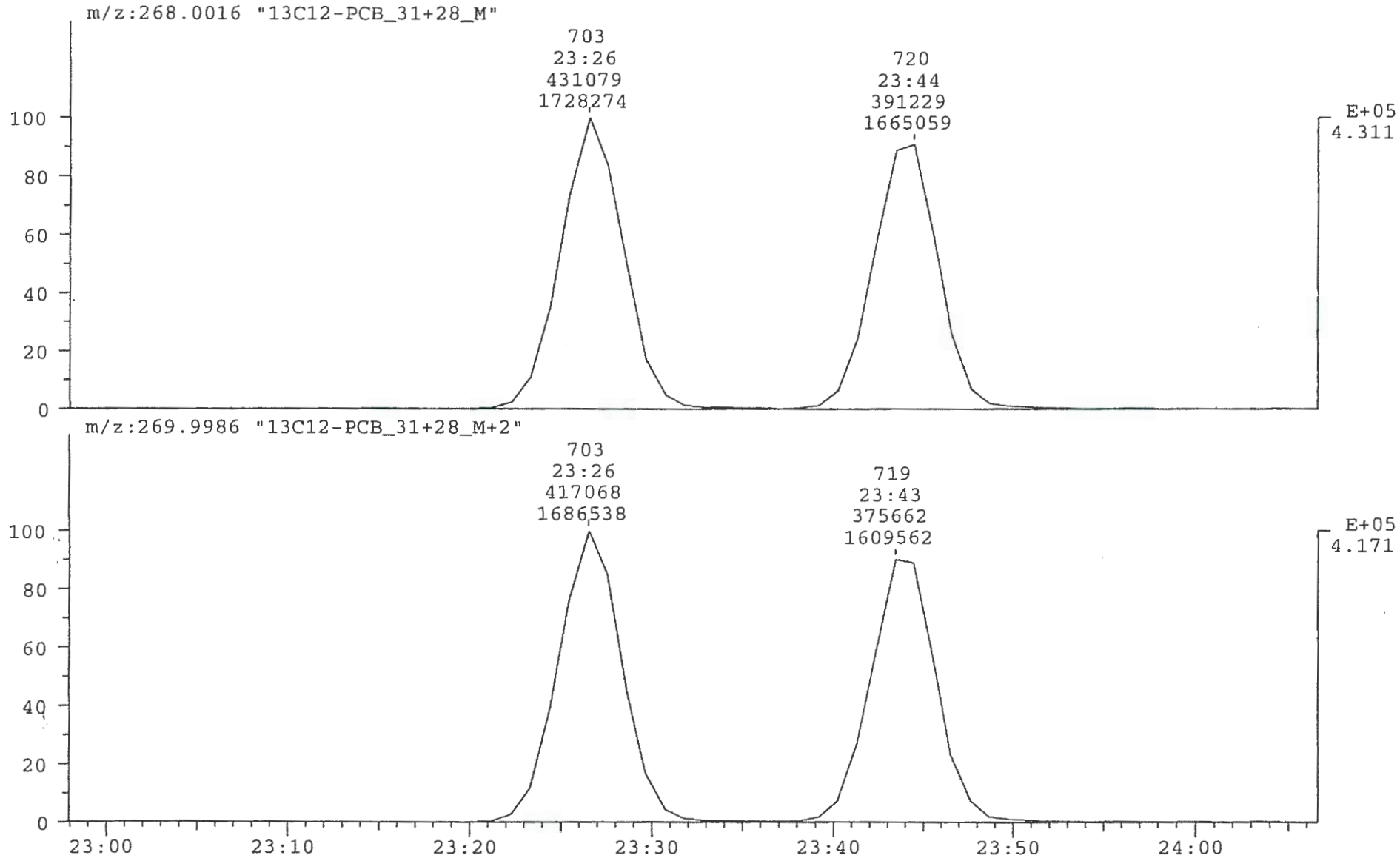
CHRO: a07030711 07-Mar-07 Elapse: 22:52.7 671
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 351 > 991 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



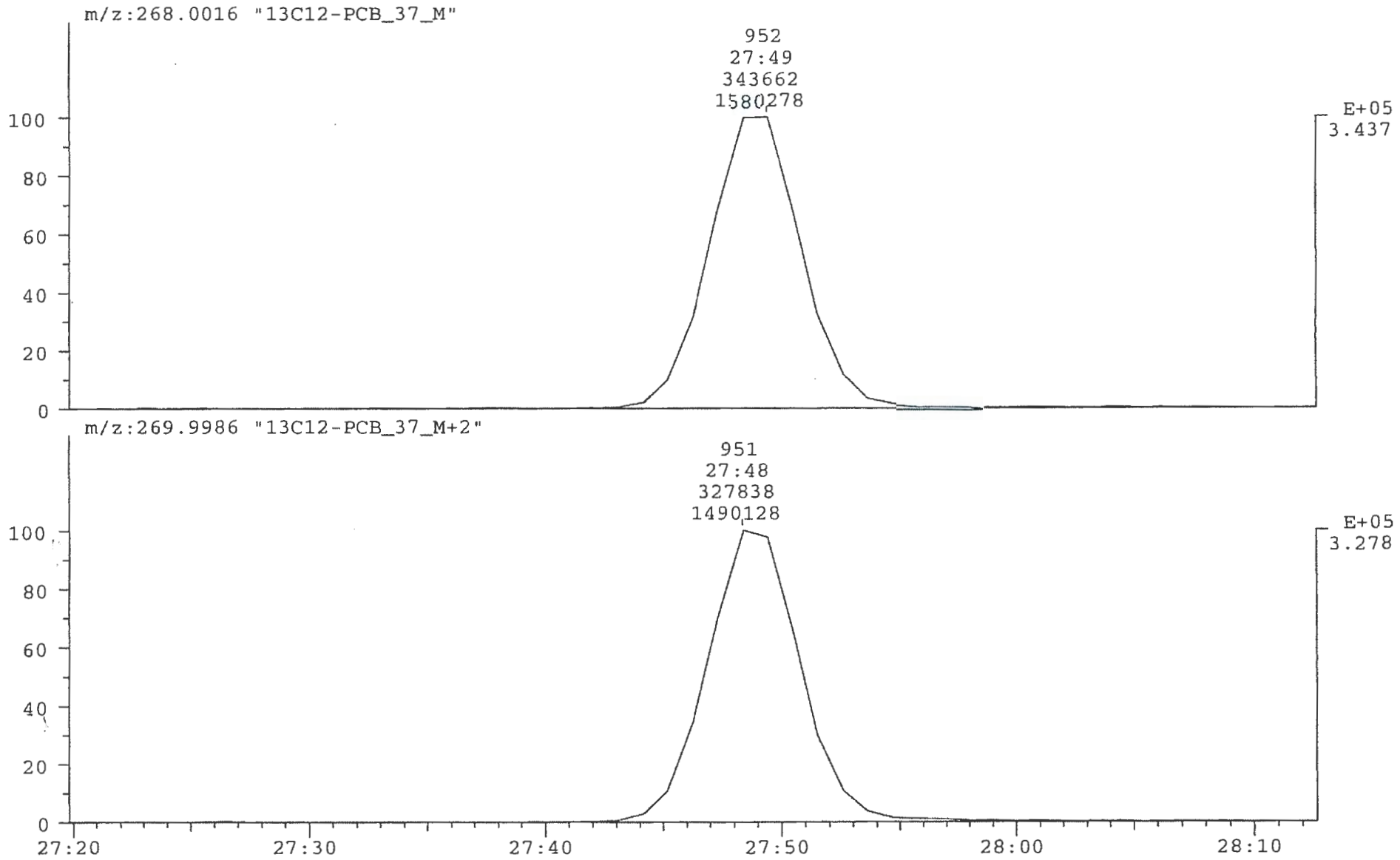
```
CHRO:  a07030711                                07-Mar-07   Elapse:  19:18.2      472
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



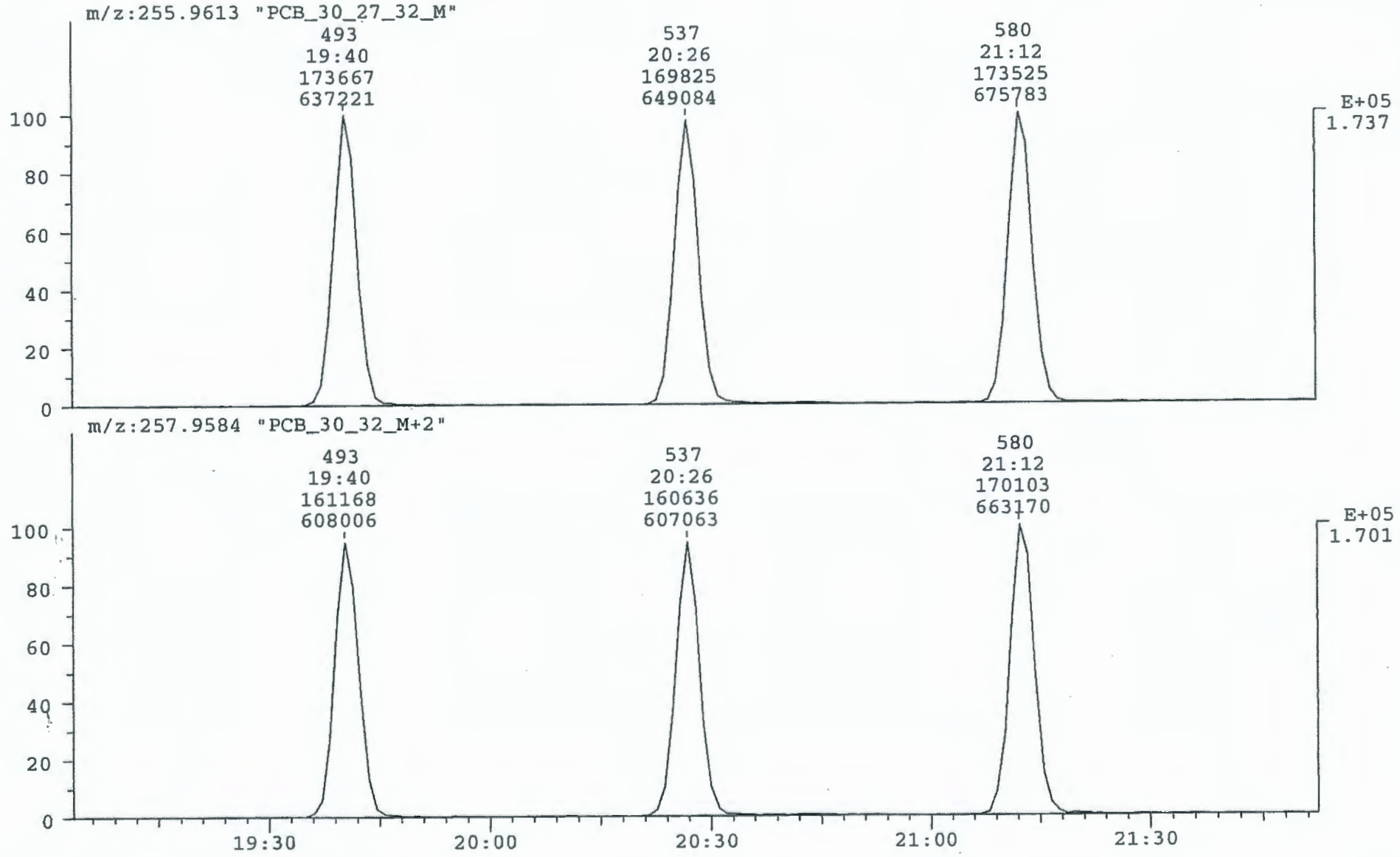
```
CHRO:  a07030711                                07-Mar-07   Elapse:  23:24.4      701
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   676 > 741             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



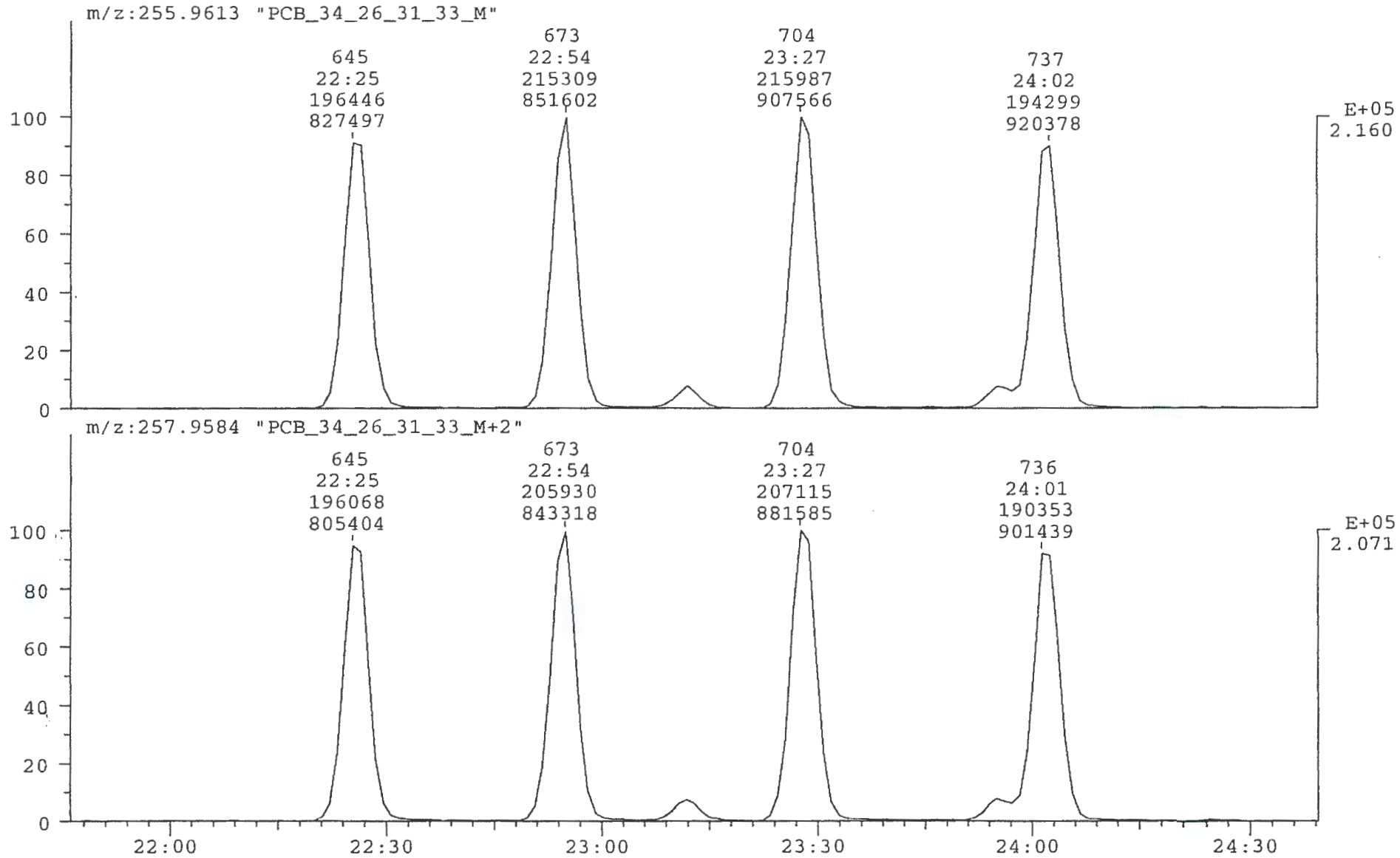
```
CHRO:  a07030711                              07-Mar-07   Elapse:  27:46.2      949
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   924 > 974           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



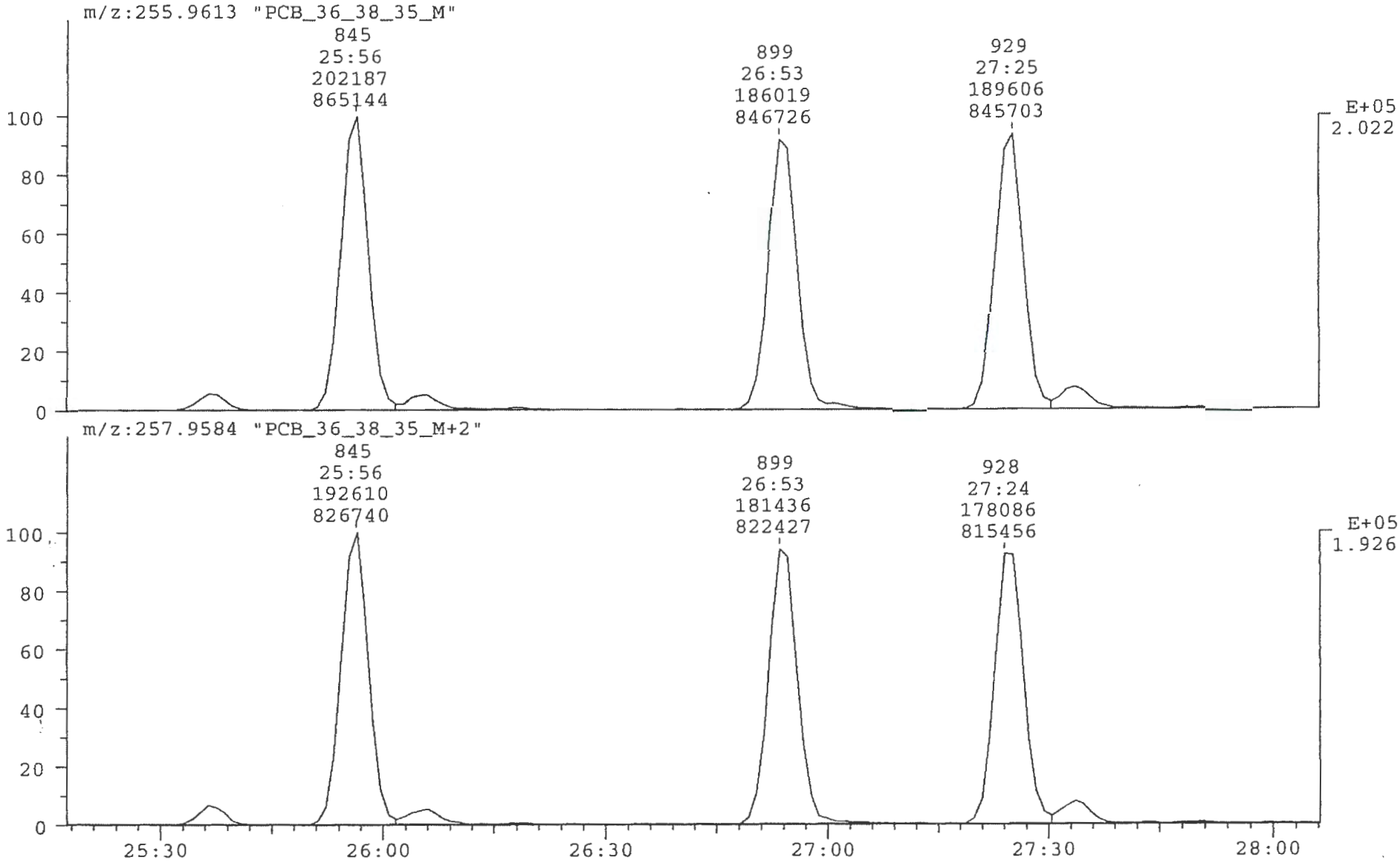
```
CHRO:  a07030711                                07-Mar-07   Elapse:  20:27.8      538
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   458 > 618             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



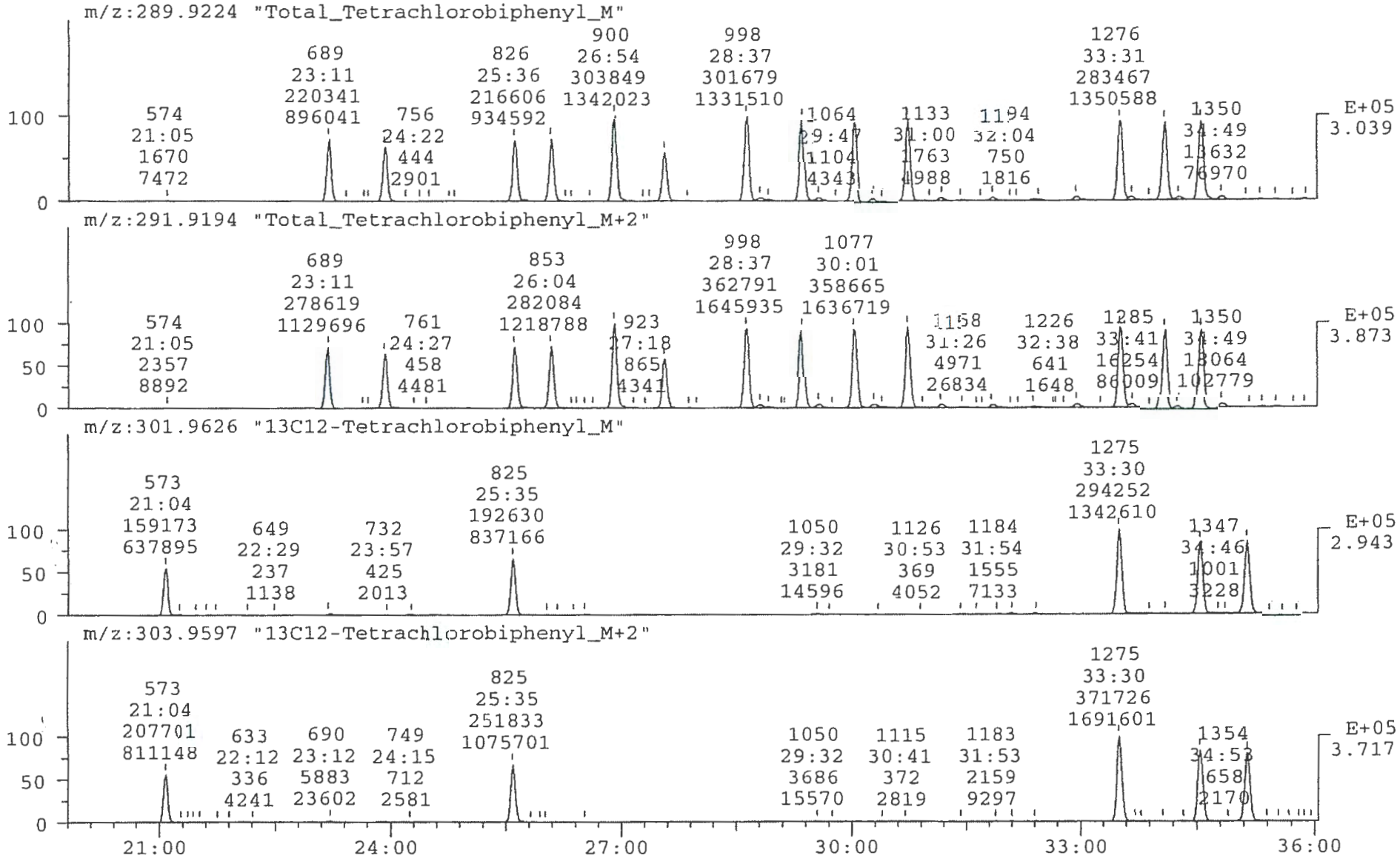
```
CHRO:  a07030711                                07-Mar-07   Elapse:  23:14.8      692
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   612 > 772             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



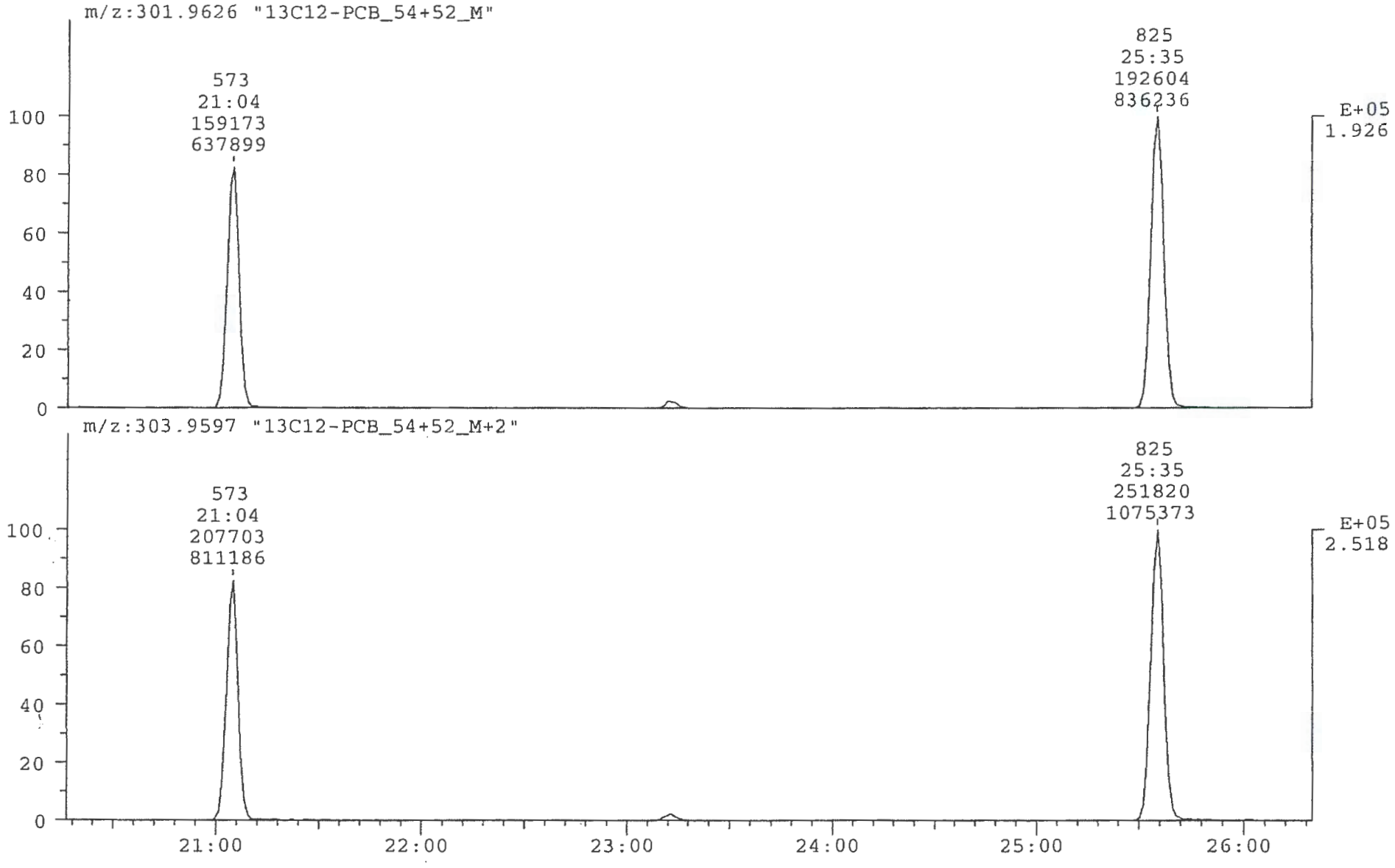
CHRO: a07030711 07-Mar-07 Elapse: 26:41.8 888
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 808 > 968 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



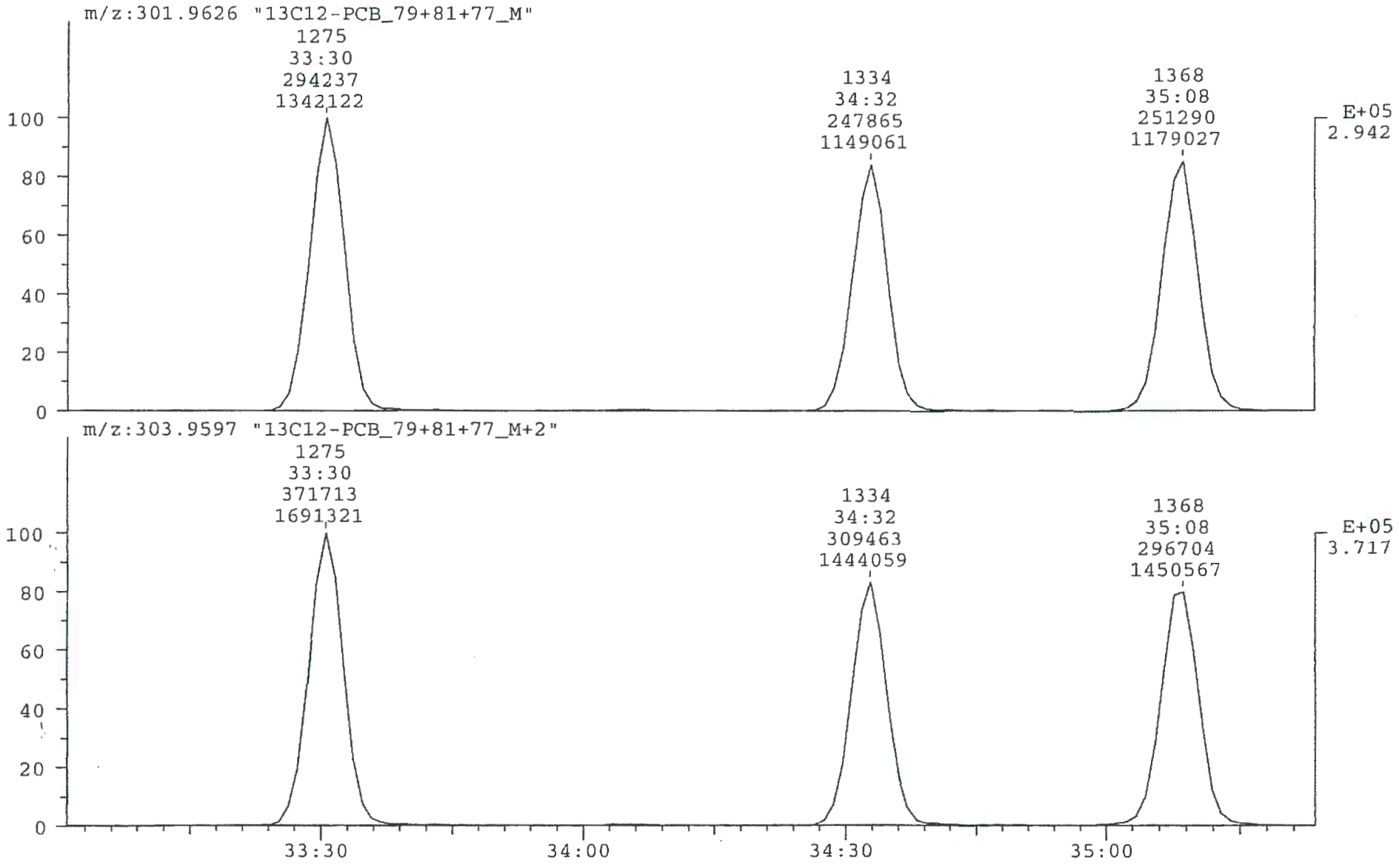
CHRO: a07030711 07-Mar-07 Elapse: 27:54.7 957
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 500 > 1419 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



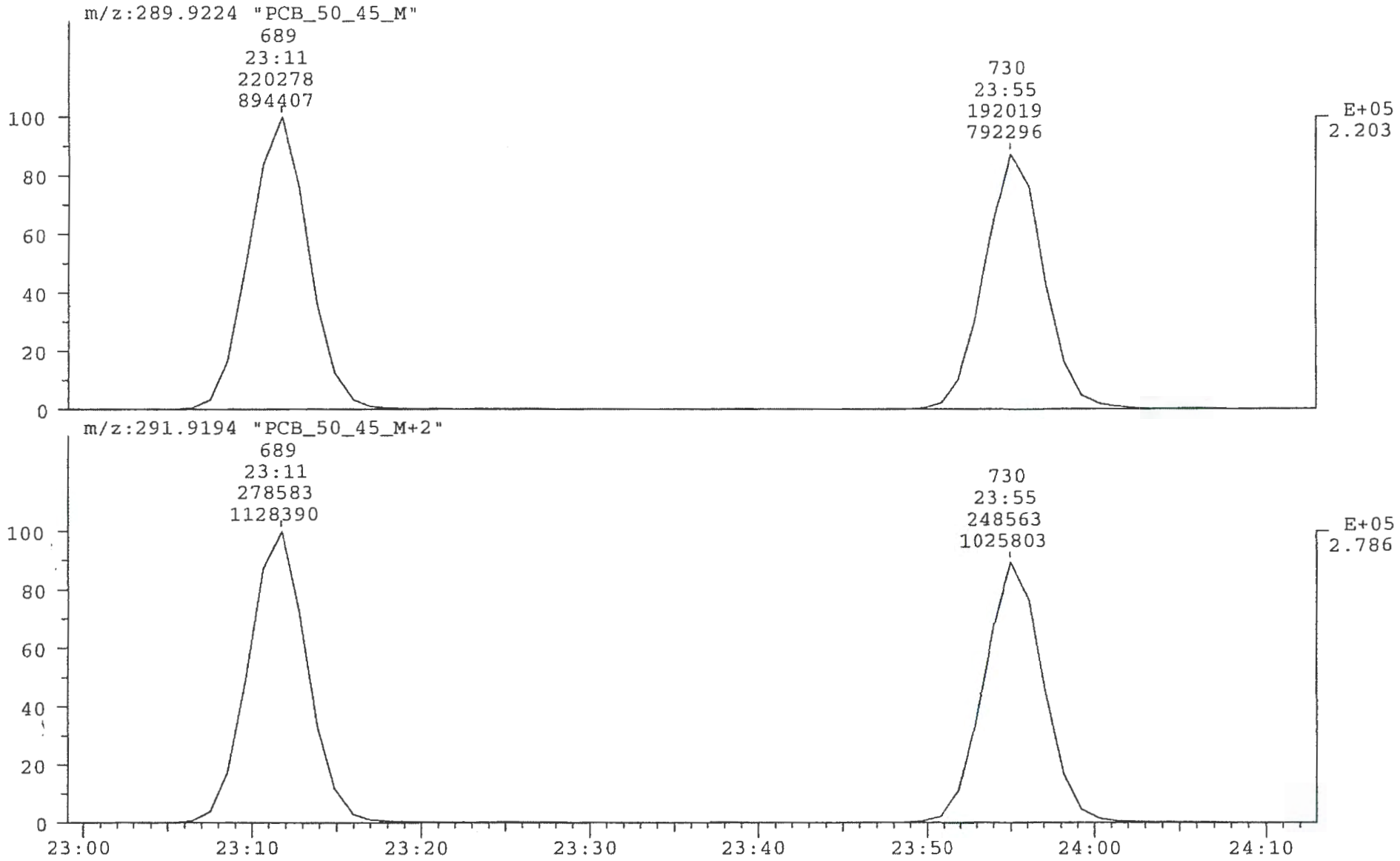
```
CHRO:  a07030711                                07-Mar-07   Elapse:  23:20.2      697
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



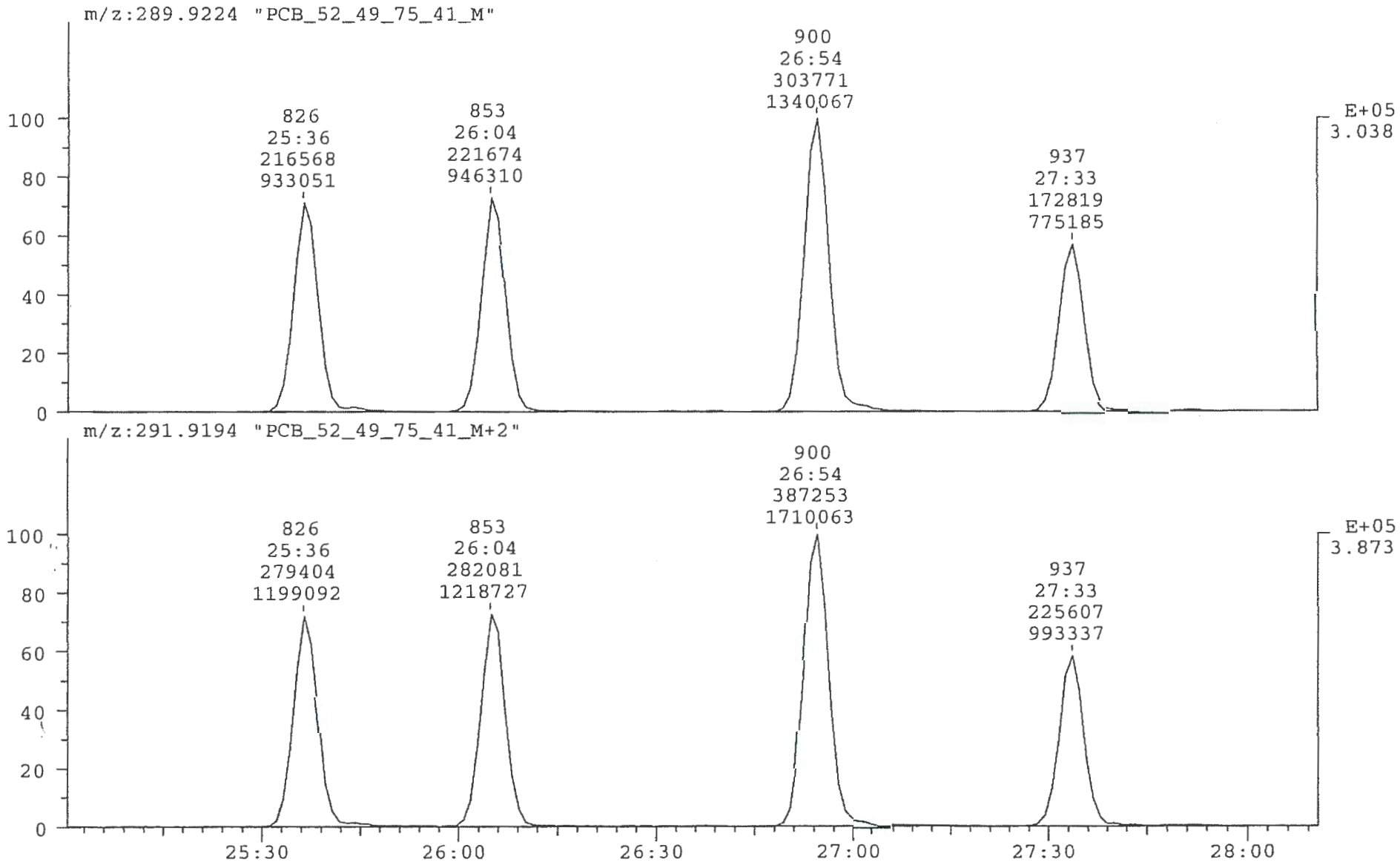
```
CHRO:  a07030711                                07-Mar-07   Elapse:  34:14      1317
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1247 > 1382           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



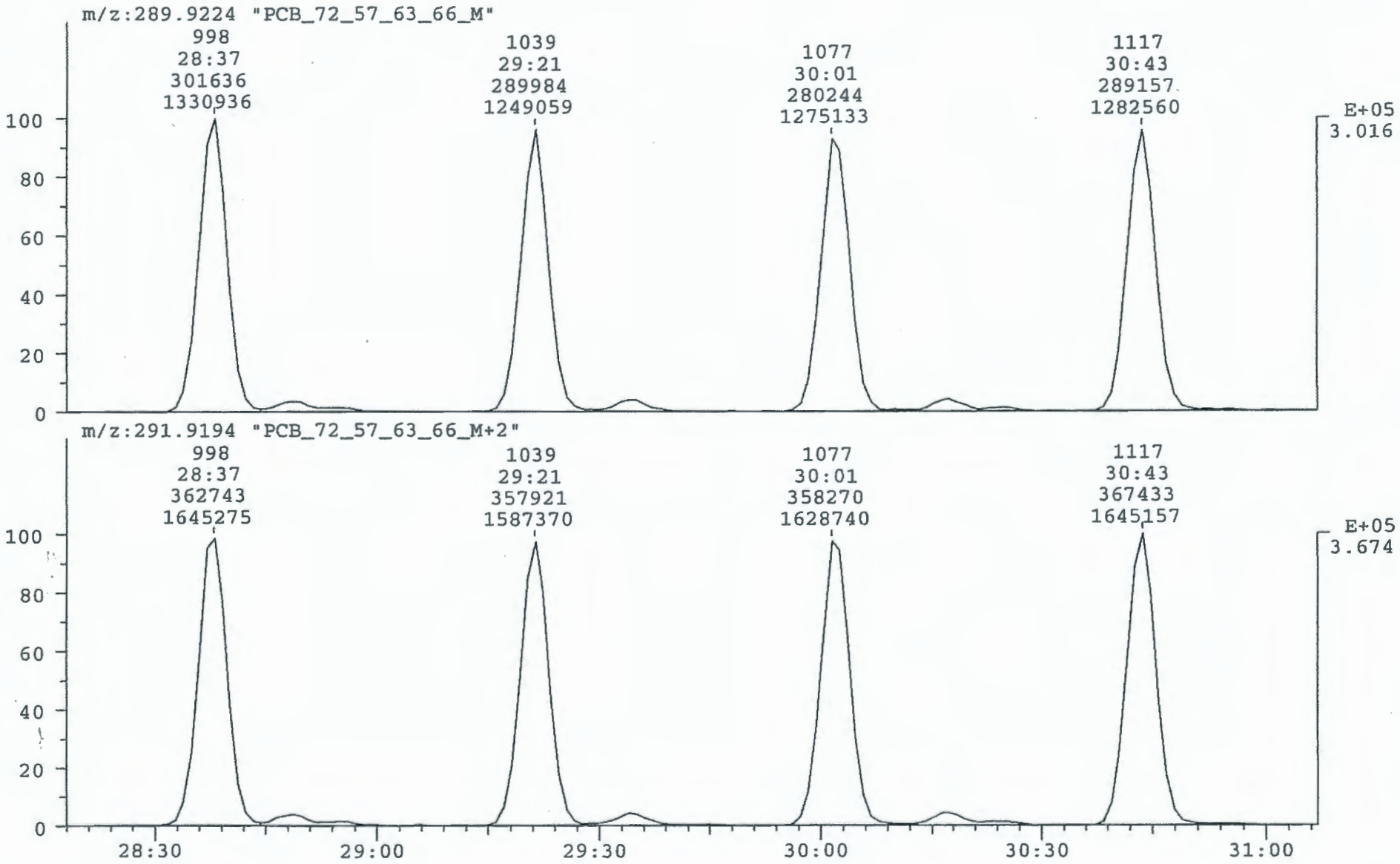
```
CHRO:  a07030711                                07-Mar-07   Elapse:  23:41.3      717
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   677 > 747             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



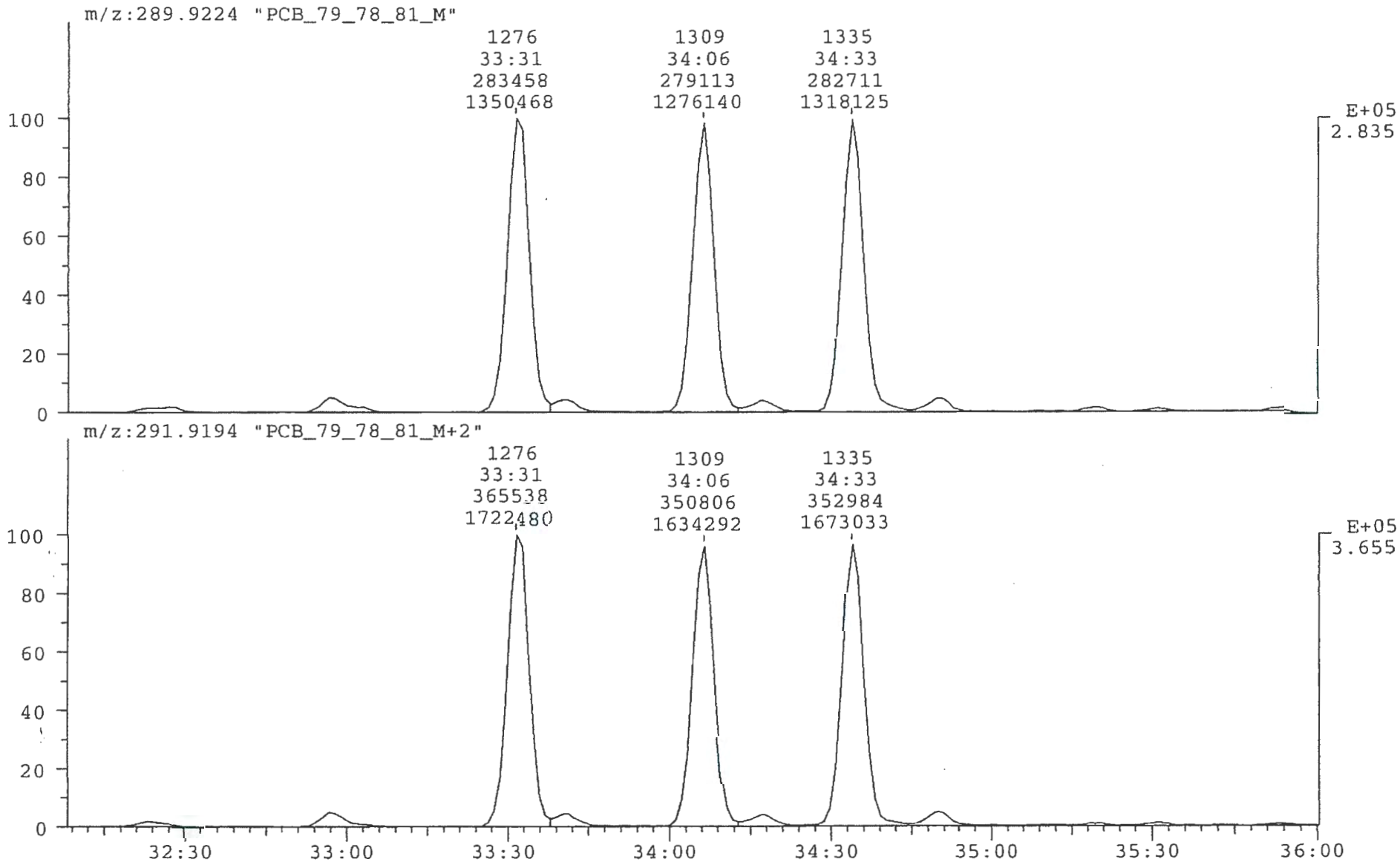
```
CHRO:  a07030711                                07-Mar-07   Elapse:  26:35.5      882
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   792 > 972             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



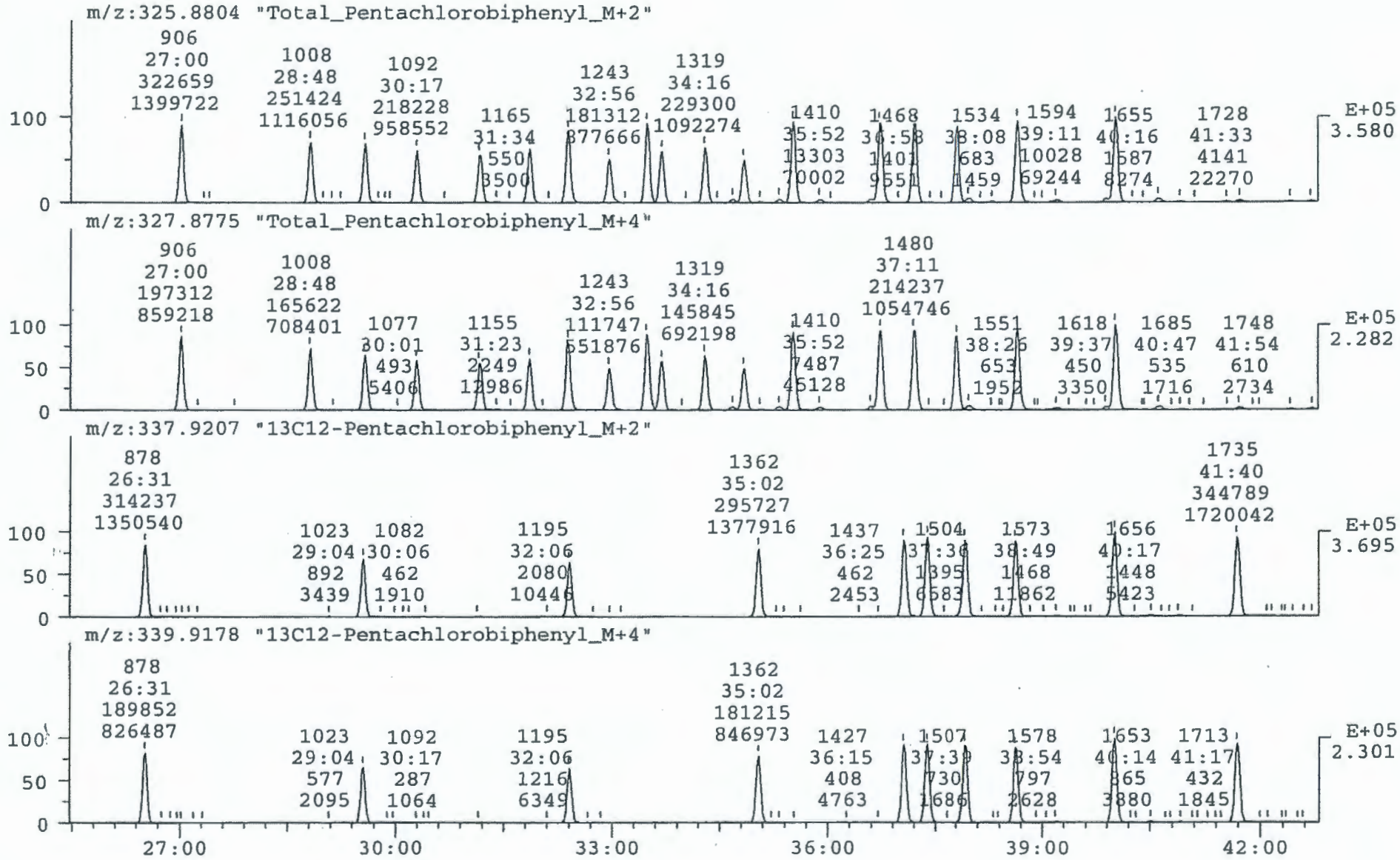
```
CHRO:  a07030711                                07-Mar-07   Elapse:  29:42      1059
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   979 > 1139            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



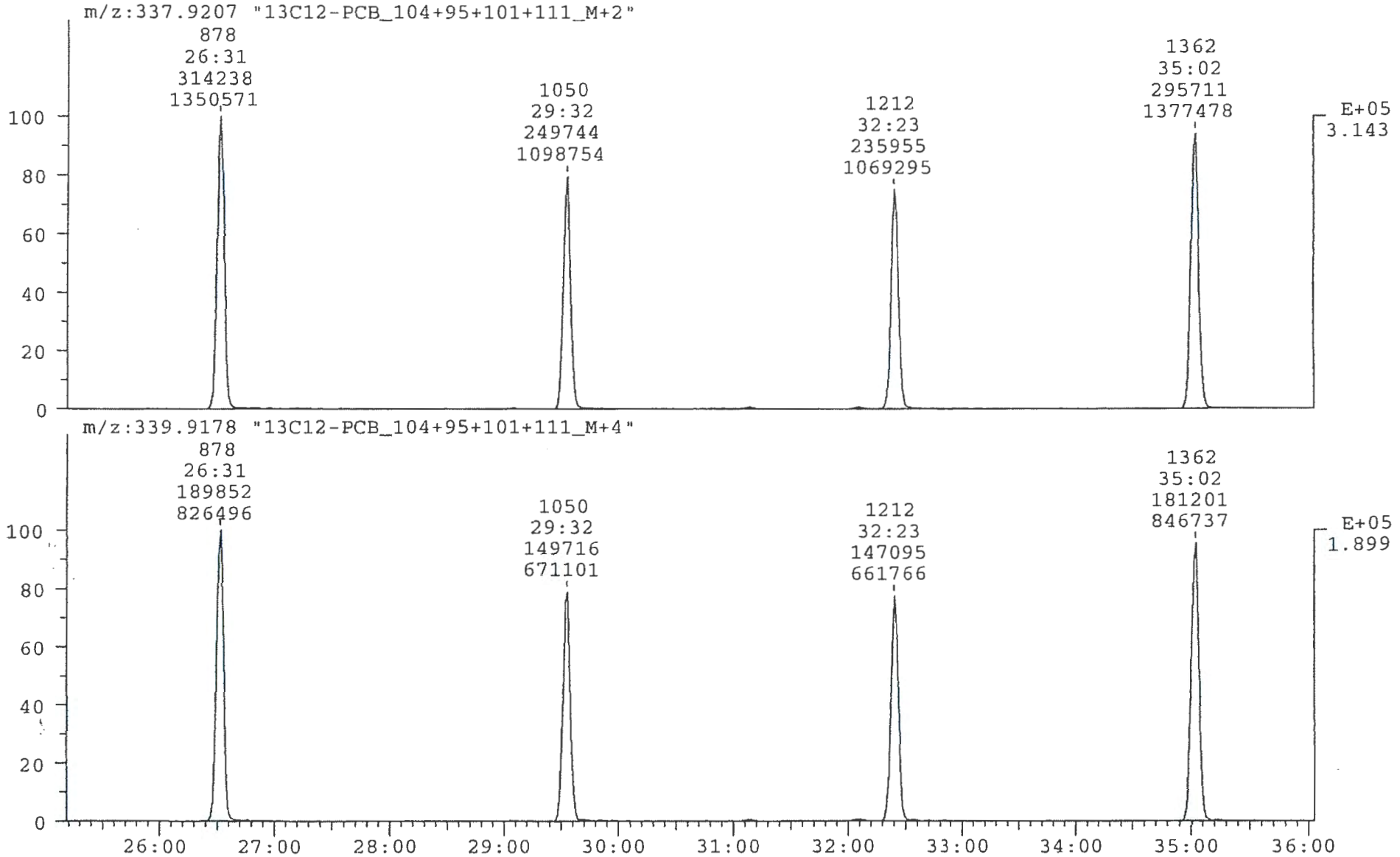
```
CHRO:  a07030711                              07-Mar-07   Elapse:  34:04      1307
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1197 > 1417         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



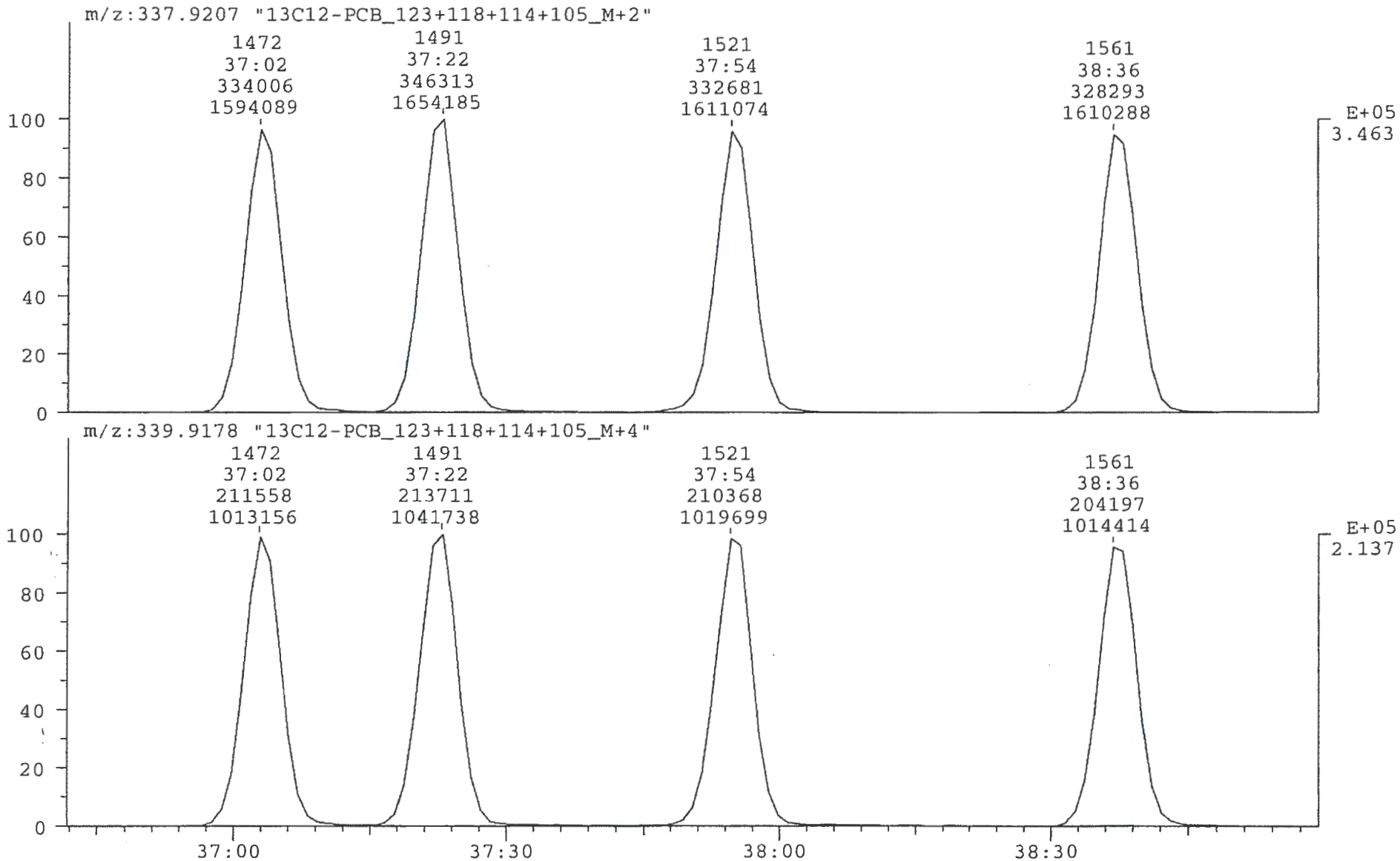
CHRO: a07030711 07-Mar-07 Elapse: 34:08 1311
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 818 > 1799 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



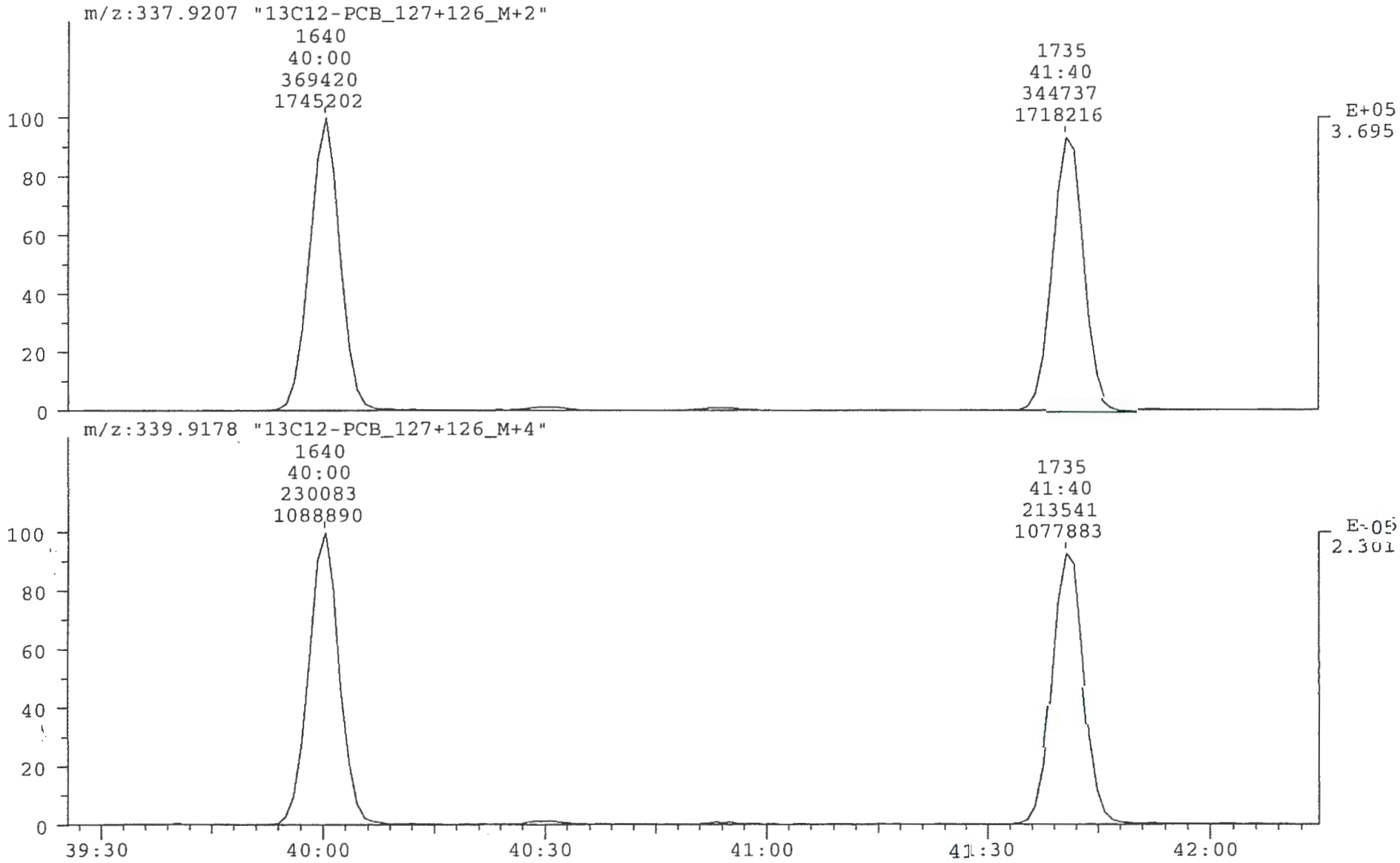
```
CHRO:  a07030711                                07-Mar-07   Elapse:  30:37      1111
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   802 > 1419            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



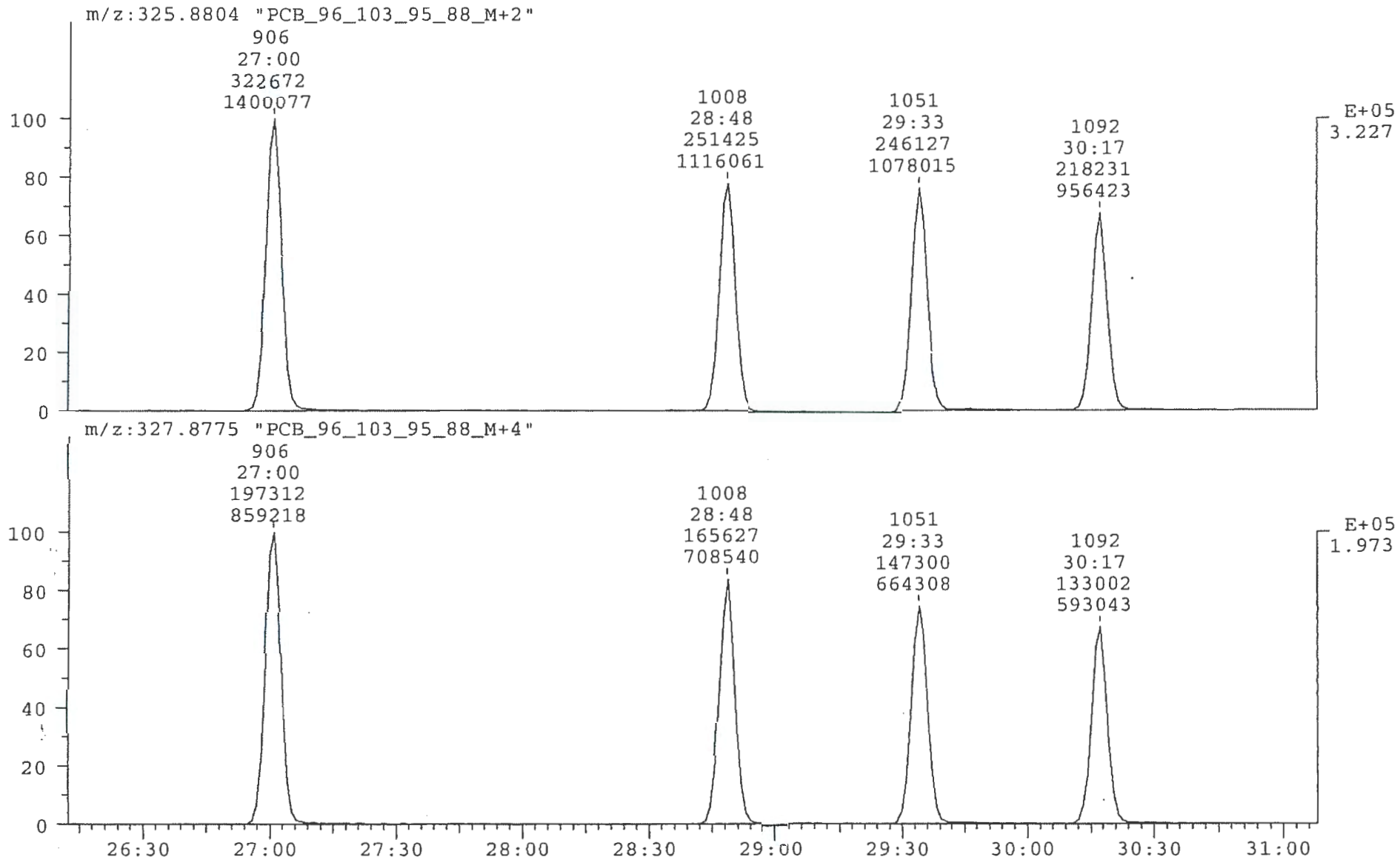
```
CHRO:  a07030711                          07-Mar-07   Elapse:  37:50      1517
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1           Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                      Study :  1668 RT Mix1/Run1
Oper:  DCG          Client:  STL Knoxville            Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1452 > 1582      Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3           Label :  -3, 3.0
Disp:  Height  Area
```



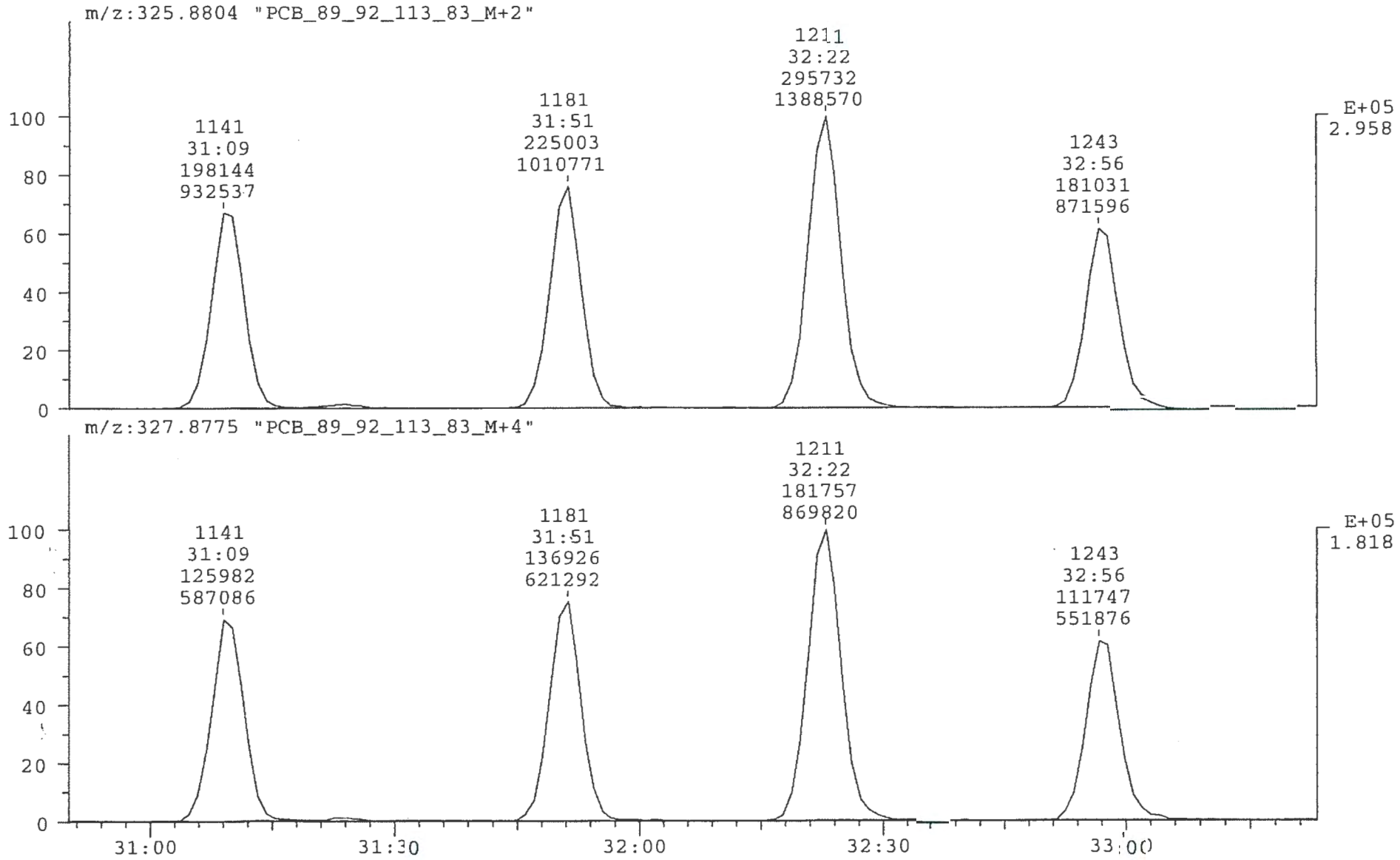
```
CHRO:  a07030711                                07-Mar-07   Elapse:  40:49       1687
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44    2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   3
Peak:  100.00  ppm      Label wndw:   1607 > 1767           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



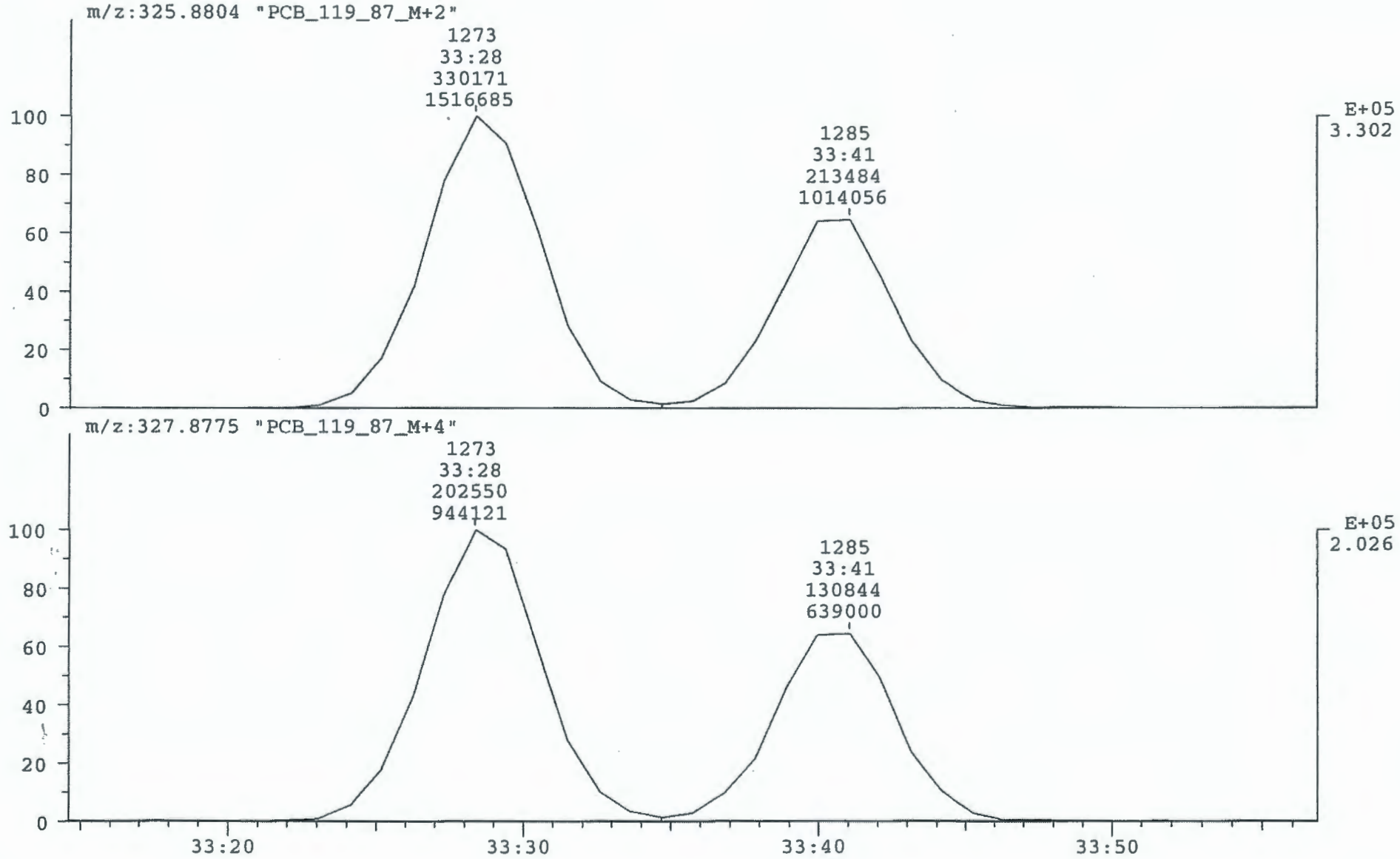
CHRO: a07030711 07-Mar-07 Elapse: 28:40 1000
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 860 > 1140 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



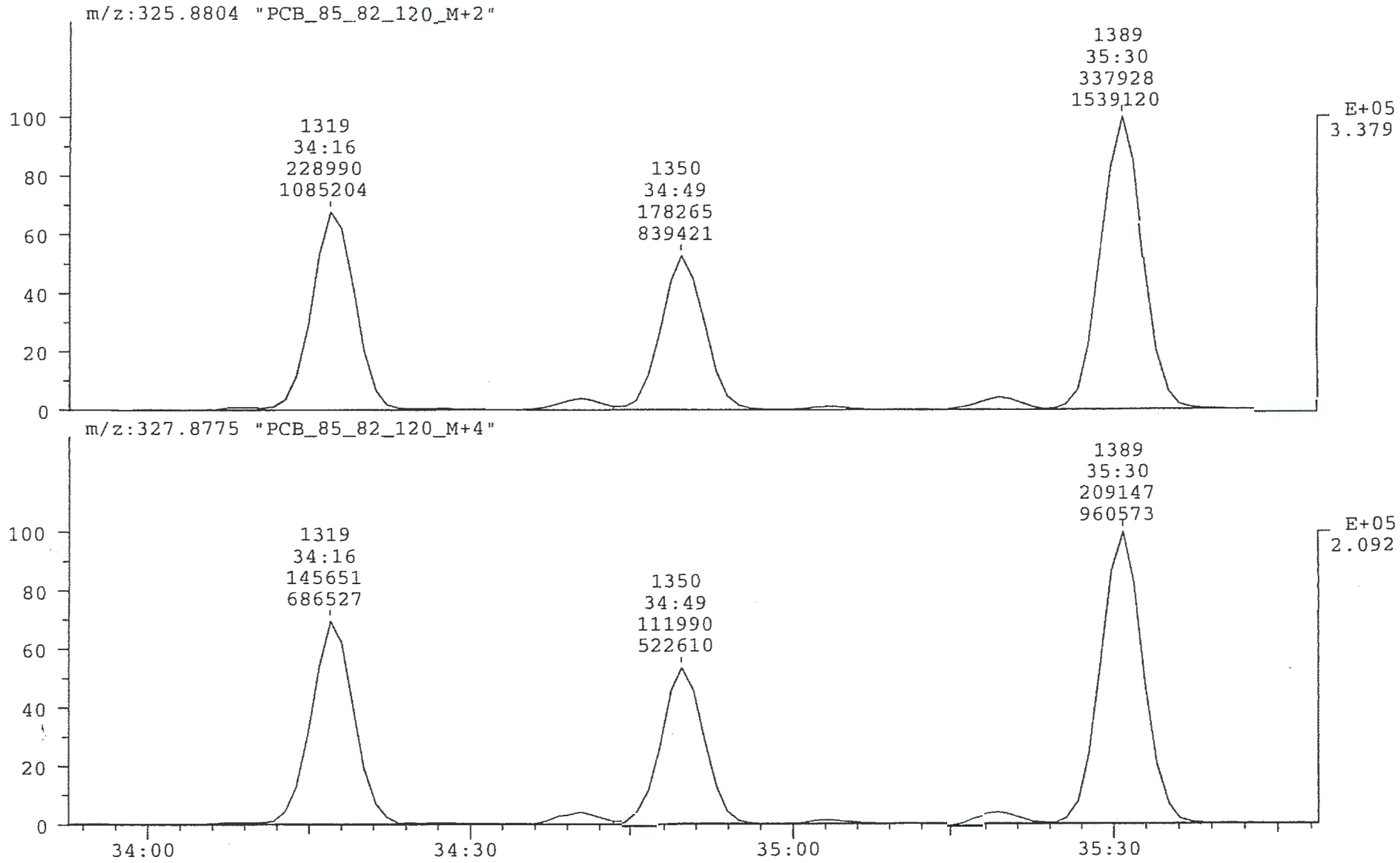
CHRO: a07030711 07-Mar-07 Elapse: 32:03 1193
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1123 > 1268 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



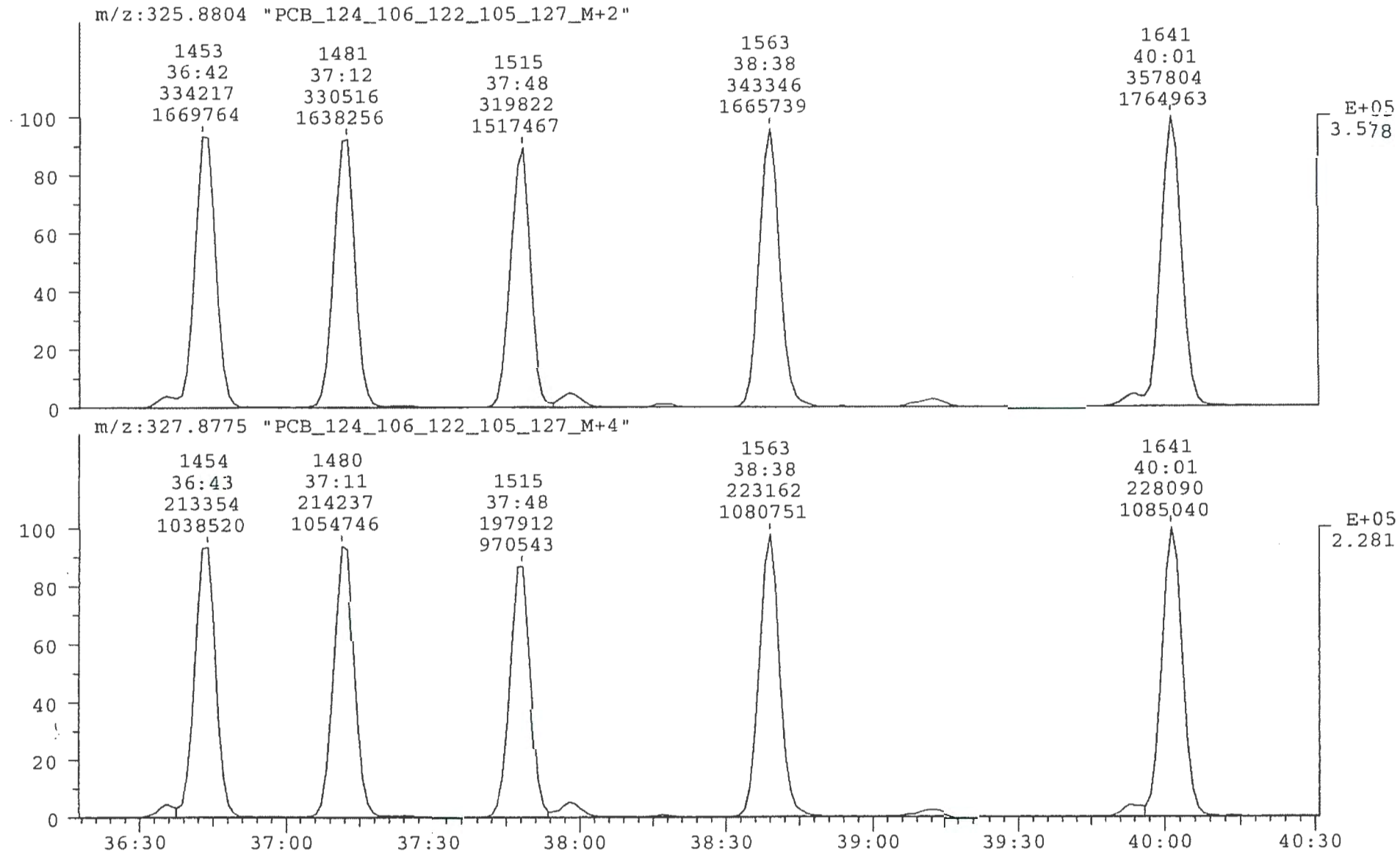
```
CHRO:  a07030711                                07-Mar-07   Elapse:  33:35      1280
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1260 > 1300            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



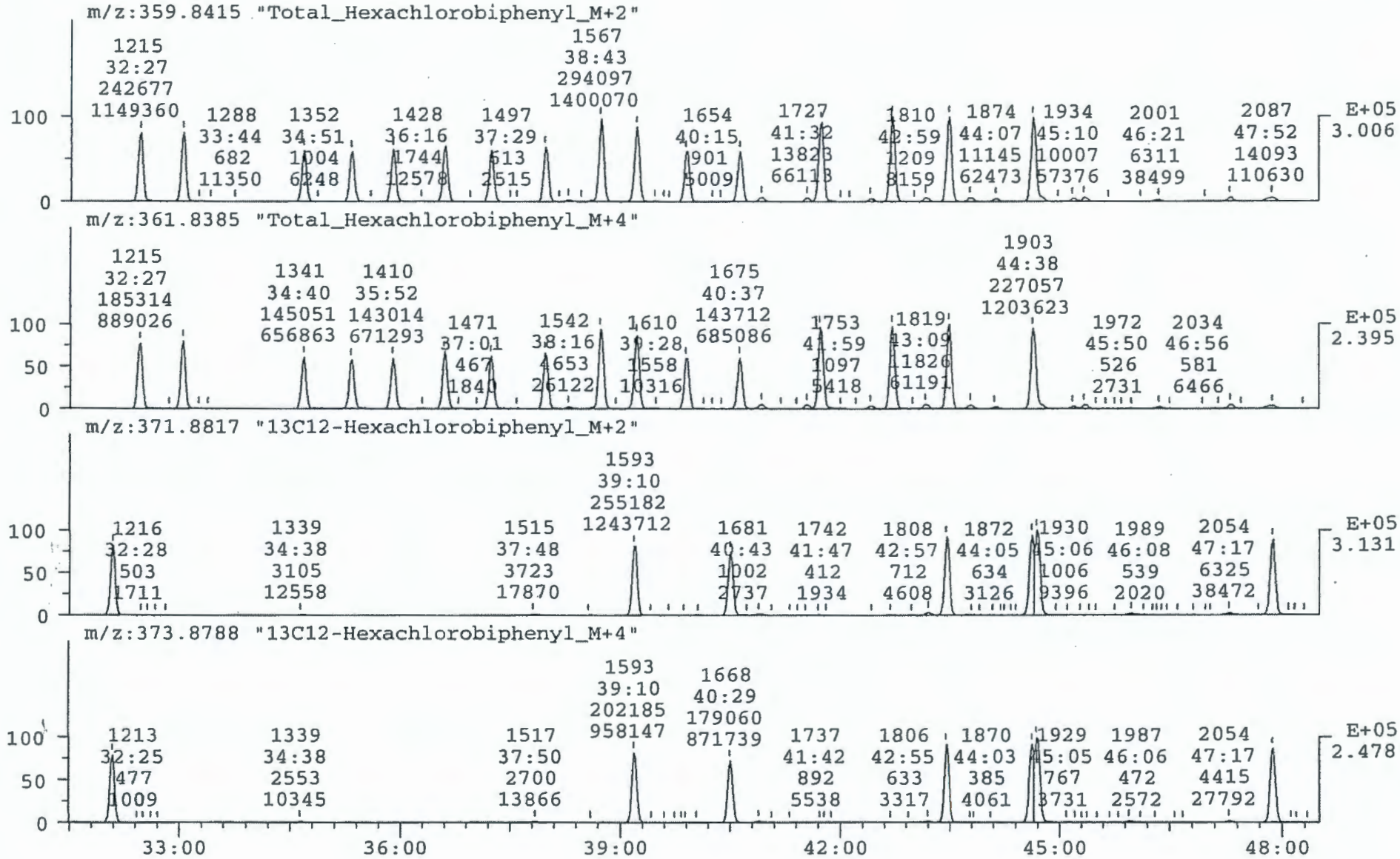
```
CHRO:  a07030711                                07-Mar-07   Elapse:  34:40      1341
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1296 > 1406           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



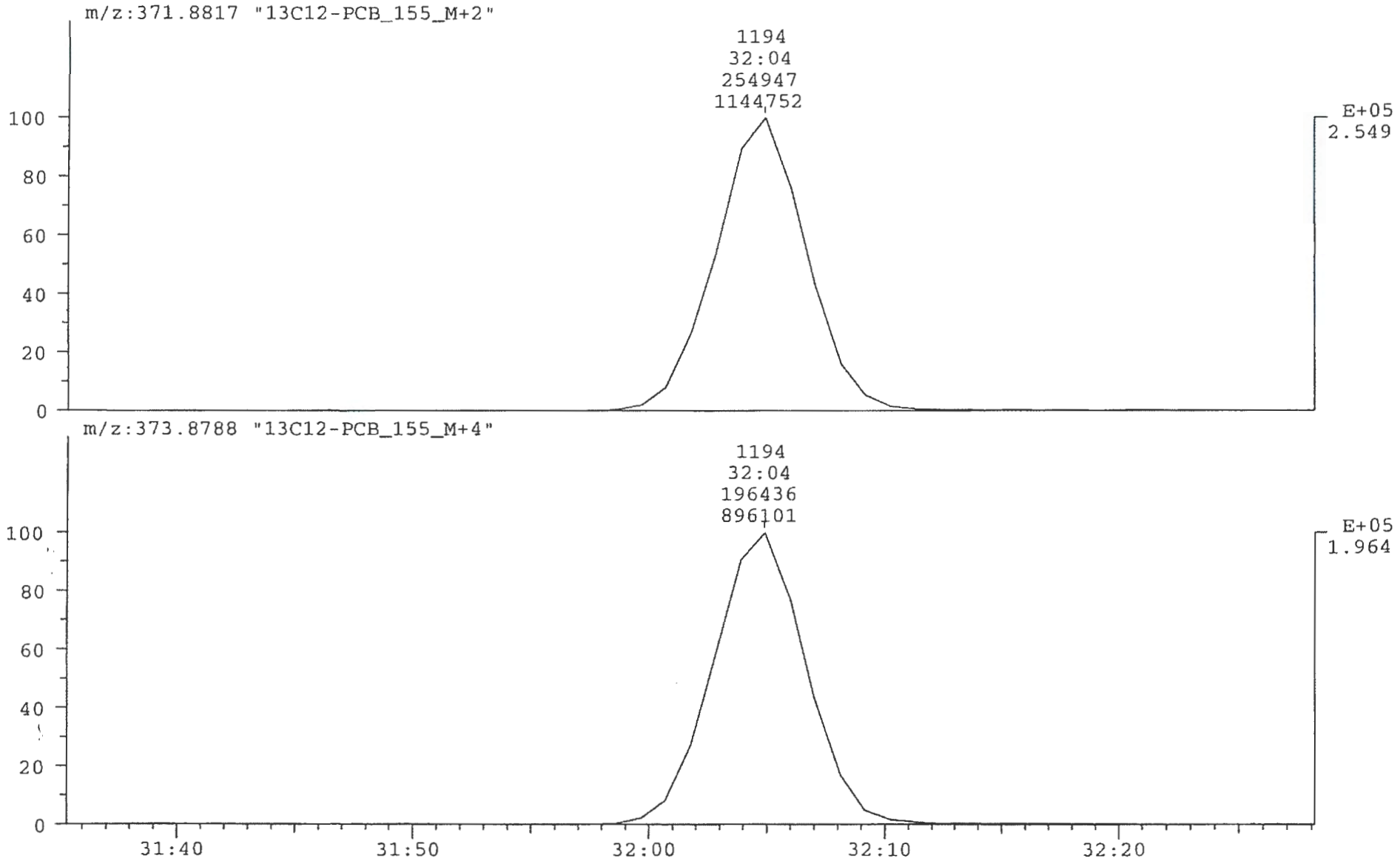
CHRO: a07030711 07-Mar-07 Elapse: 38:29 1554
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1429 > 1669 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



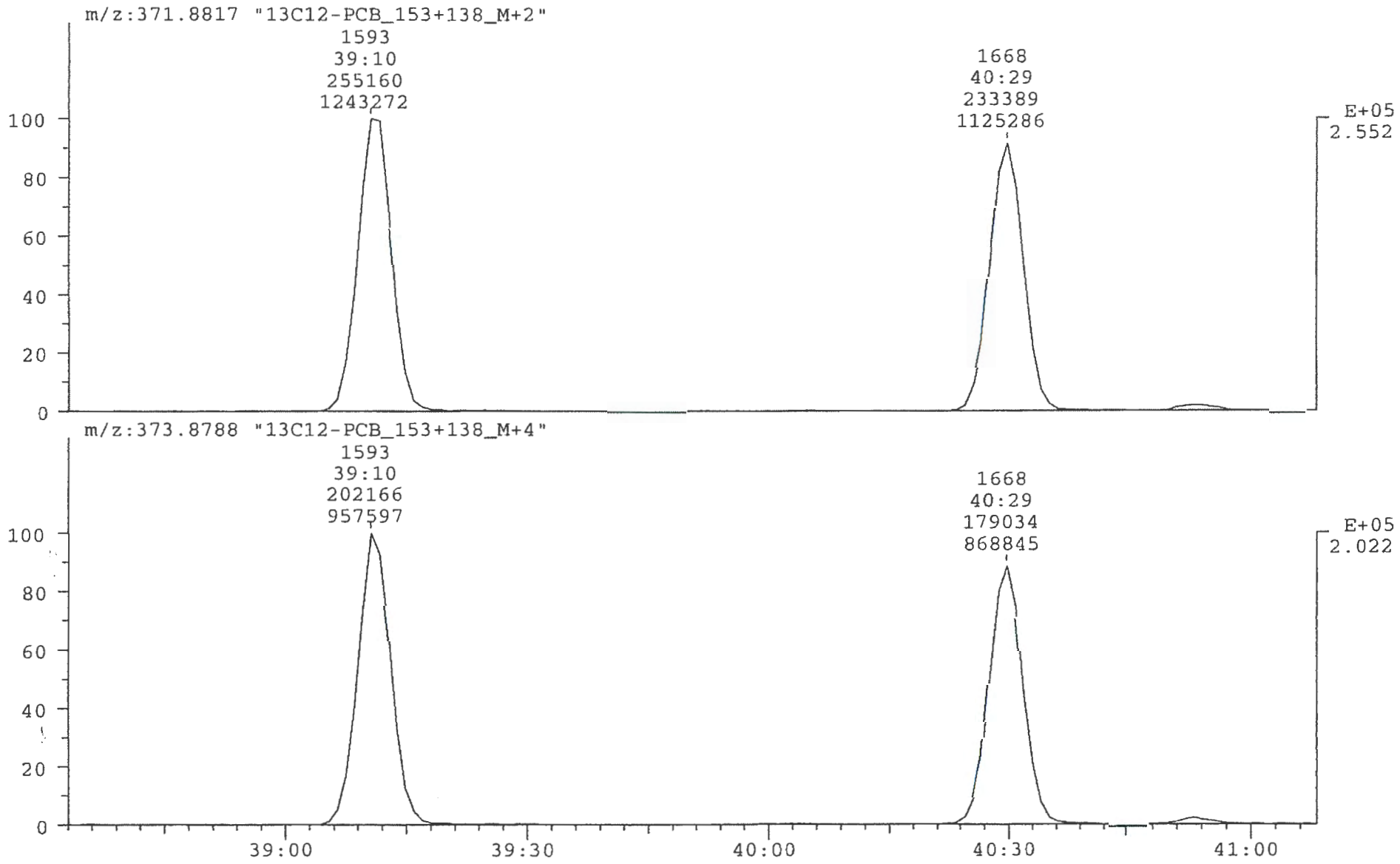
```
CHRO:  a07030711                                07-Mar-07   Elapse:  39:59      1639
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1160 > 2123            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



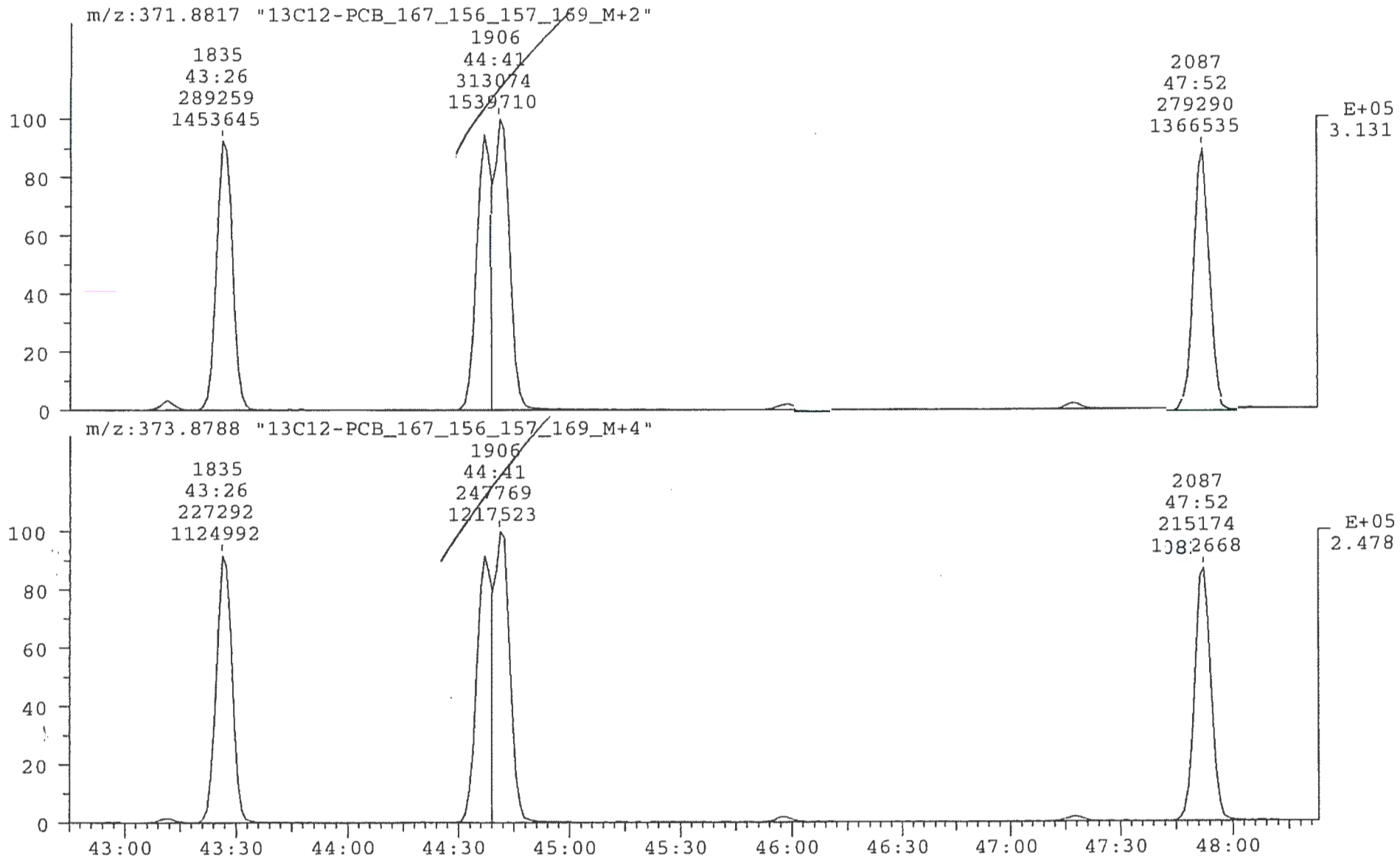
```
CHRO:  a07030711                                07-Mar-07  Elapse:  32:01      1191
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
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
```



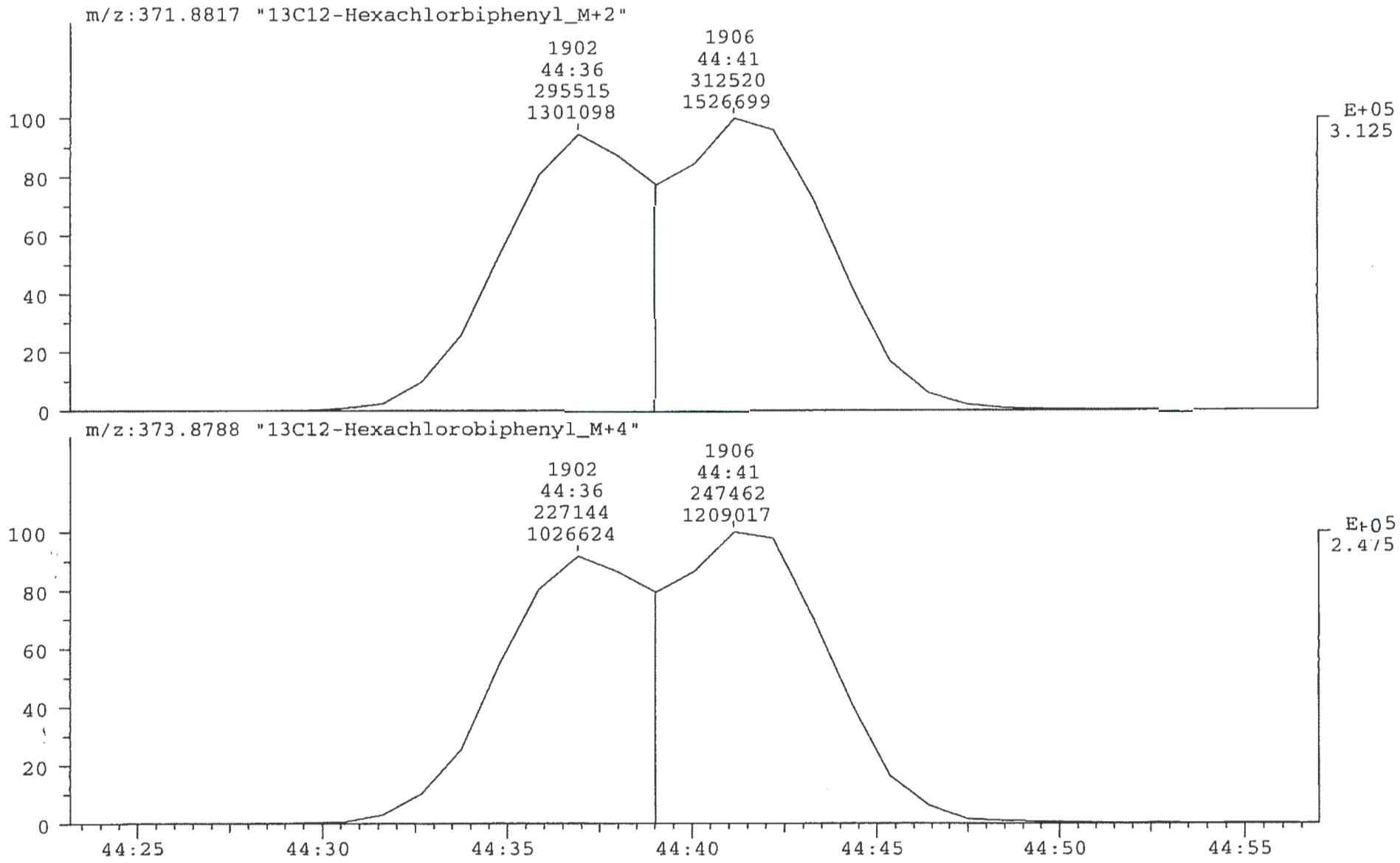
```
CHRO:  a07030711                                07-Mar-07   Elapse:  39:49      1630
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
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
```



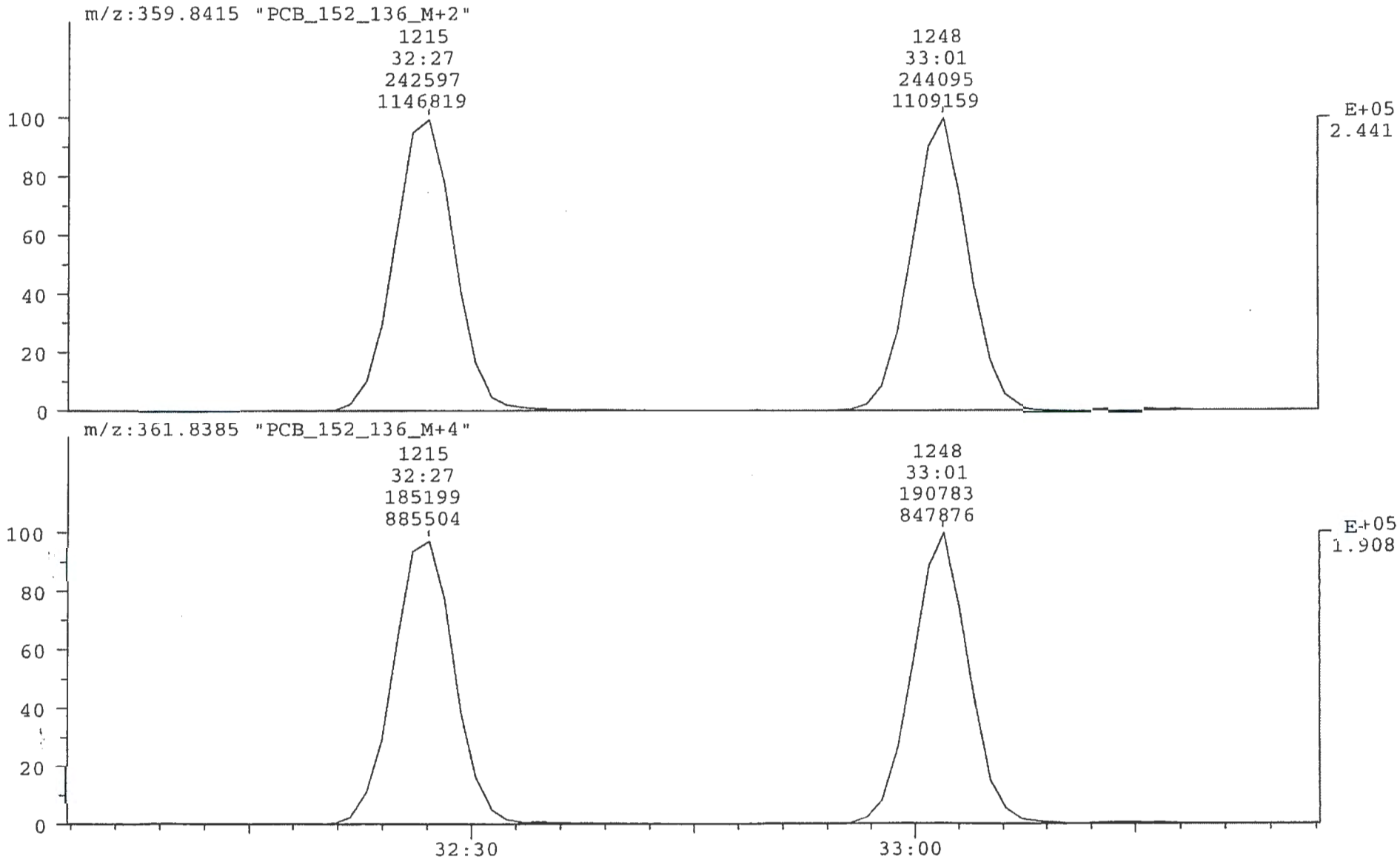
```
CHRO:  a07030711                                07-Mar-07   Elapse:  45:39      1961
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1796 > 2116           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



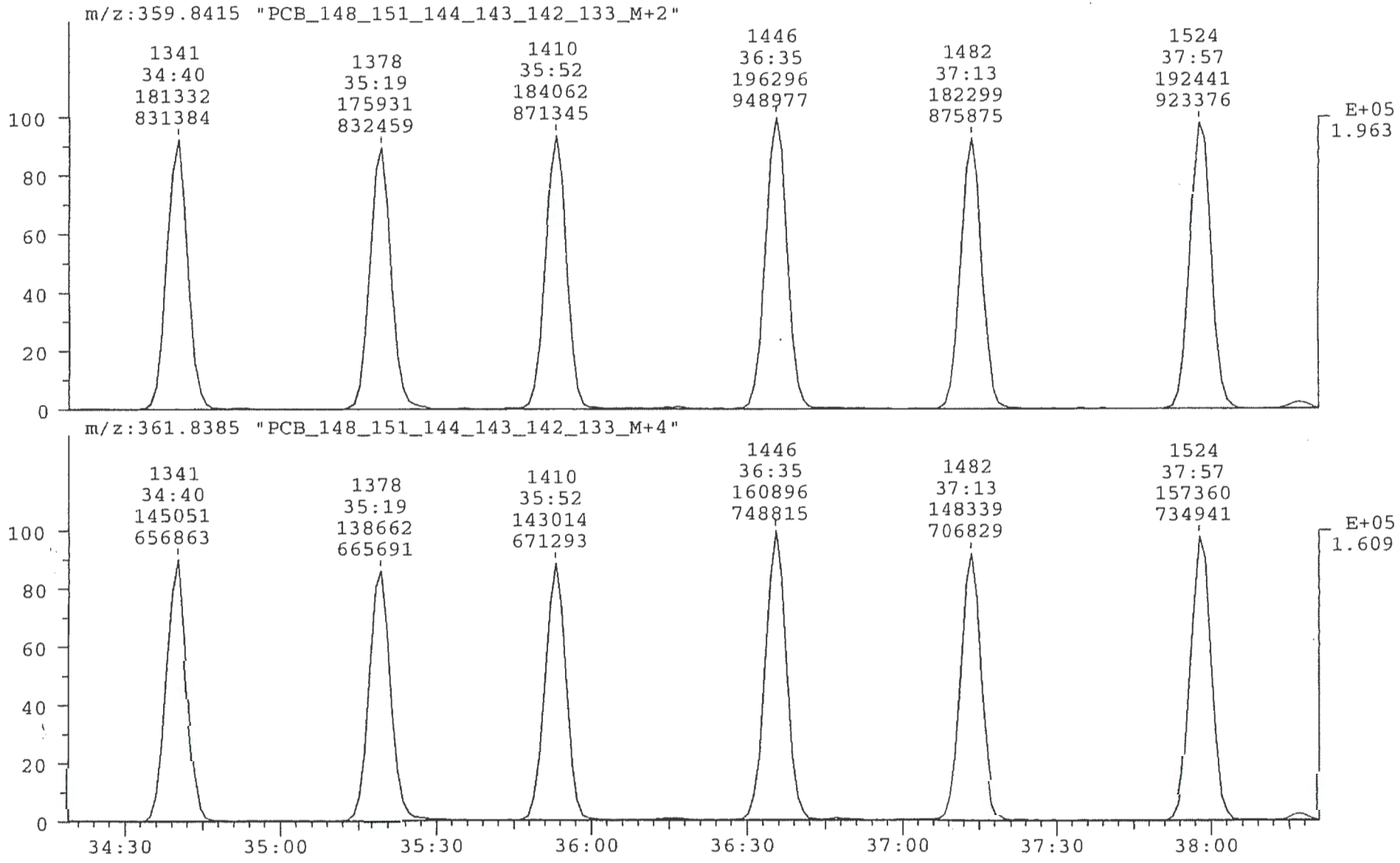
```
CHRO:  a07030711                                07-Mar-07   Elapse:  56:11      2555
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1889 > 1921           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



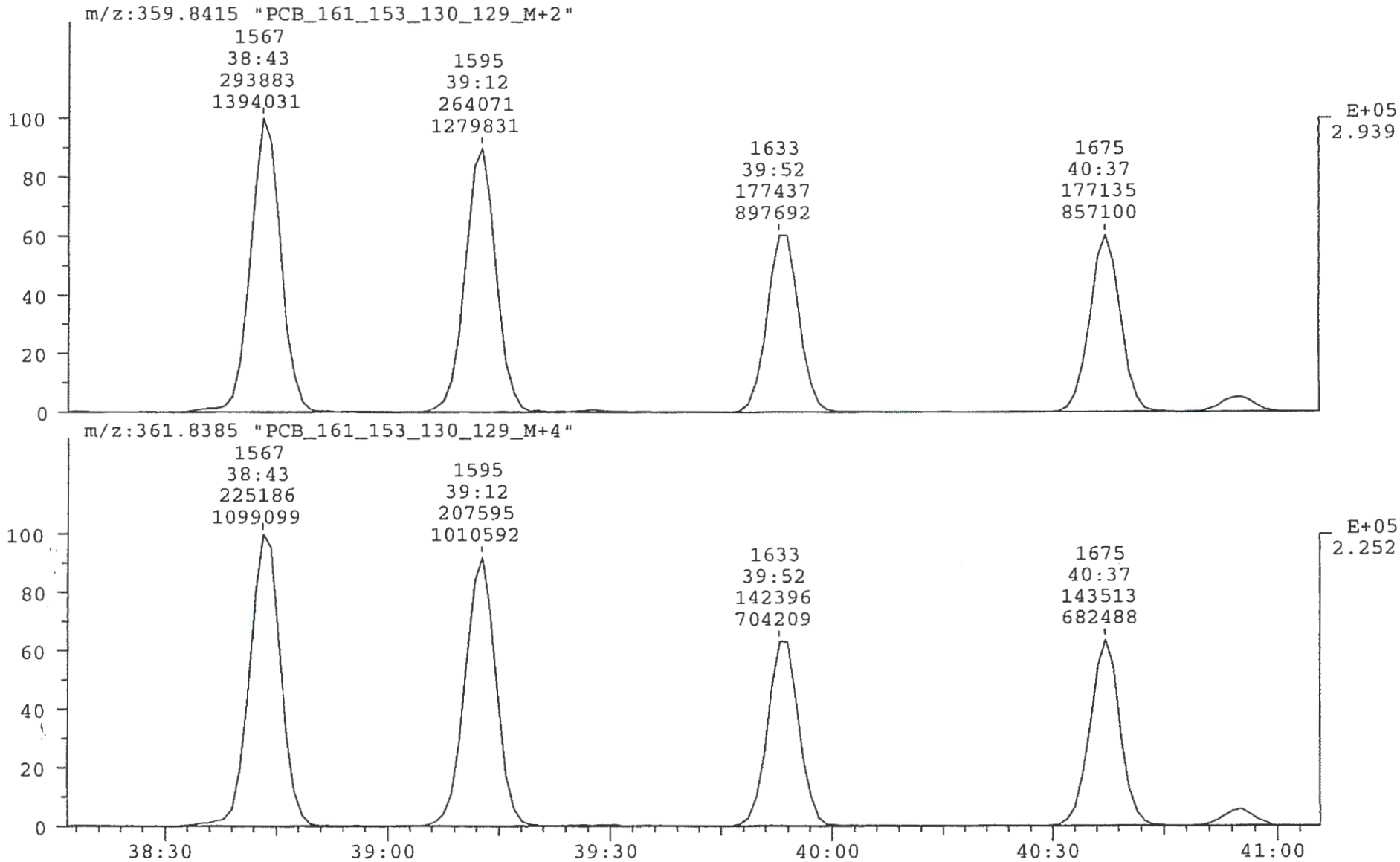
```
CHRO:  a07030711                                07-Mar-07   Elapse:  32:45      1232
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1192 > 1272           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



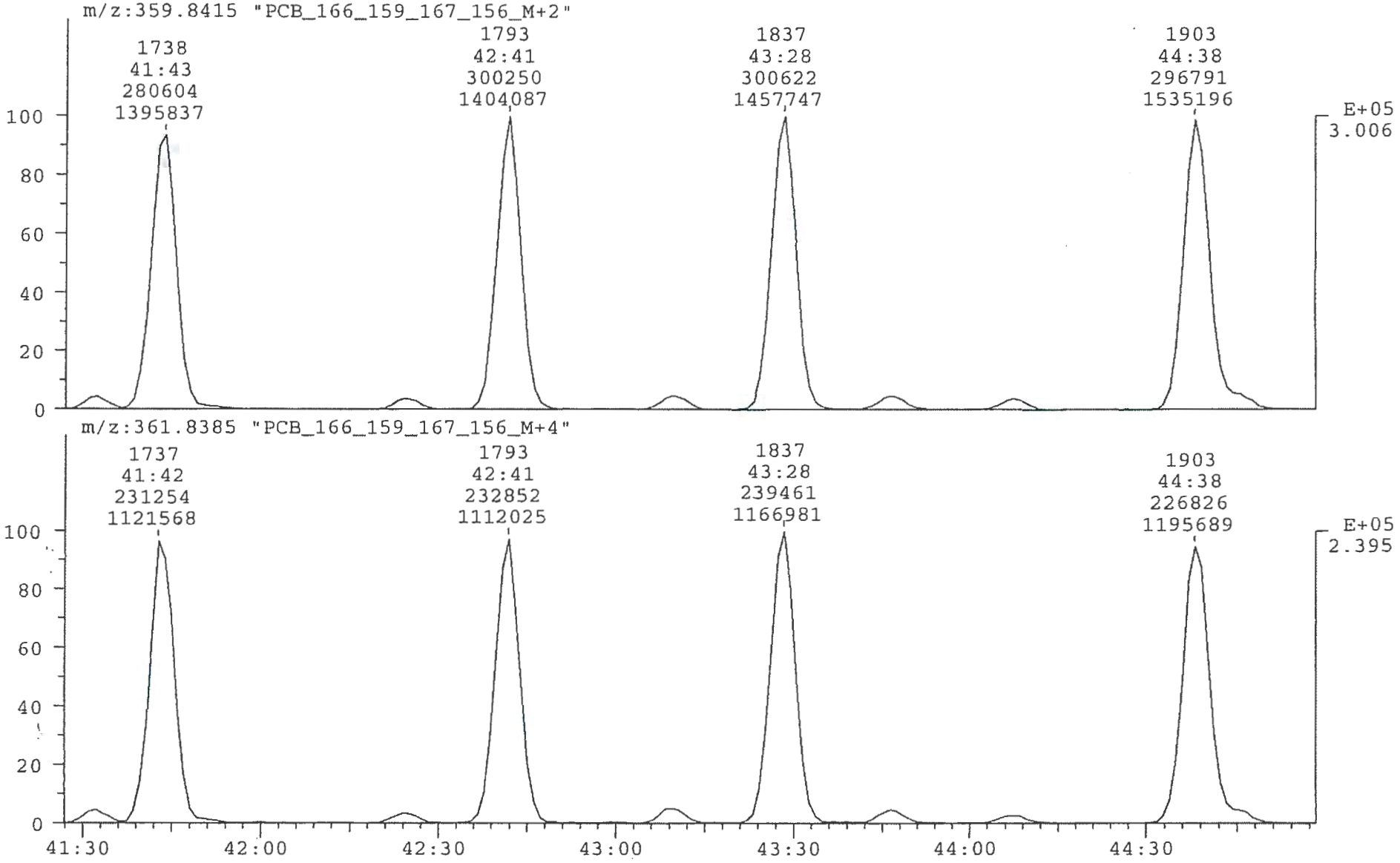
```
CHRO:  a07030711                                07-Mar-07   Elapse:  36:19      1431
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1321 > 1546           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a07030711                              07-Mar-07   Elapse:  39:41      1622
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1542 > 1702         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

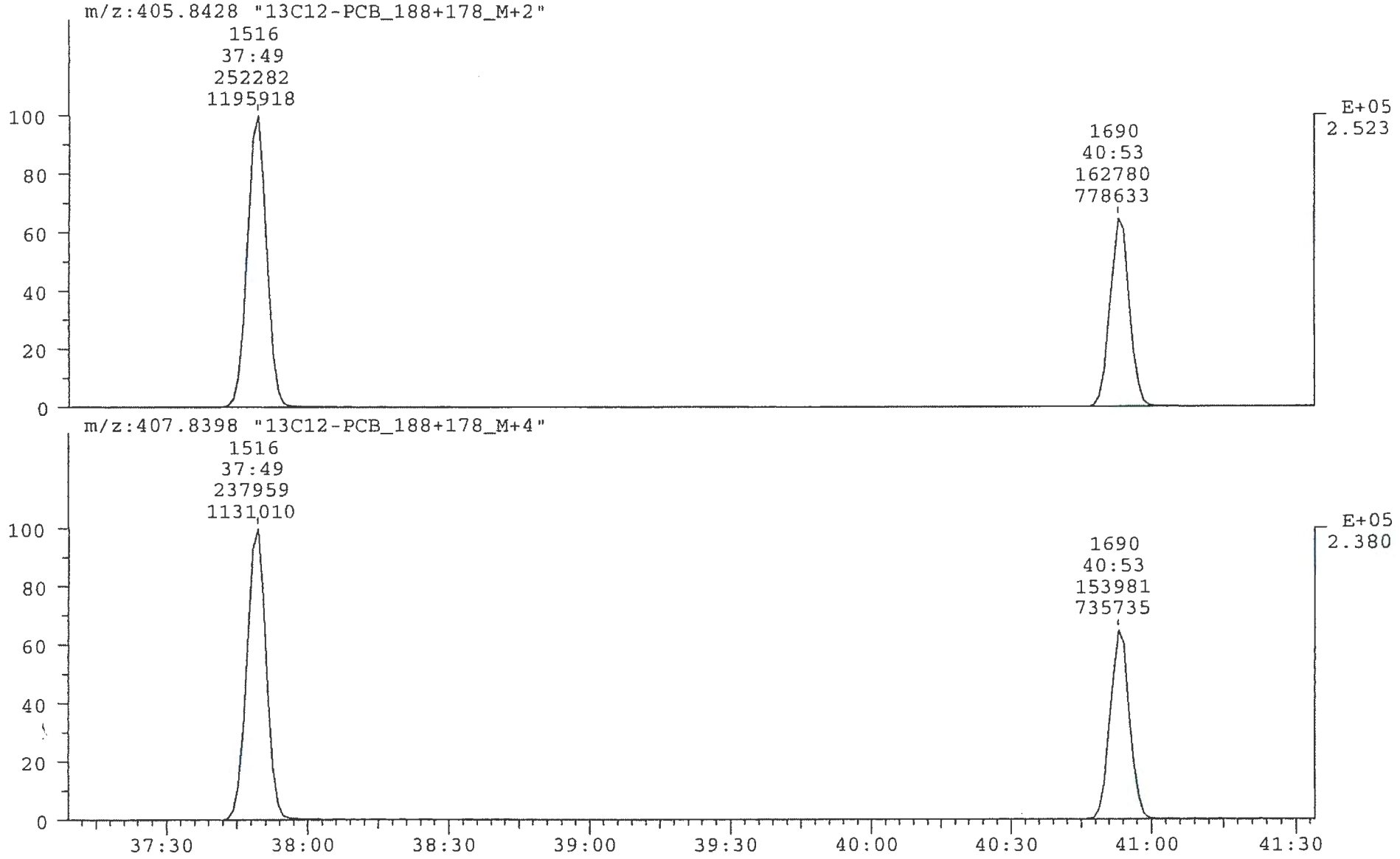


```
CHRO:  a07030711                                07-Mar-07   Elapse:  43:12      1822
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1722 > 1922           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

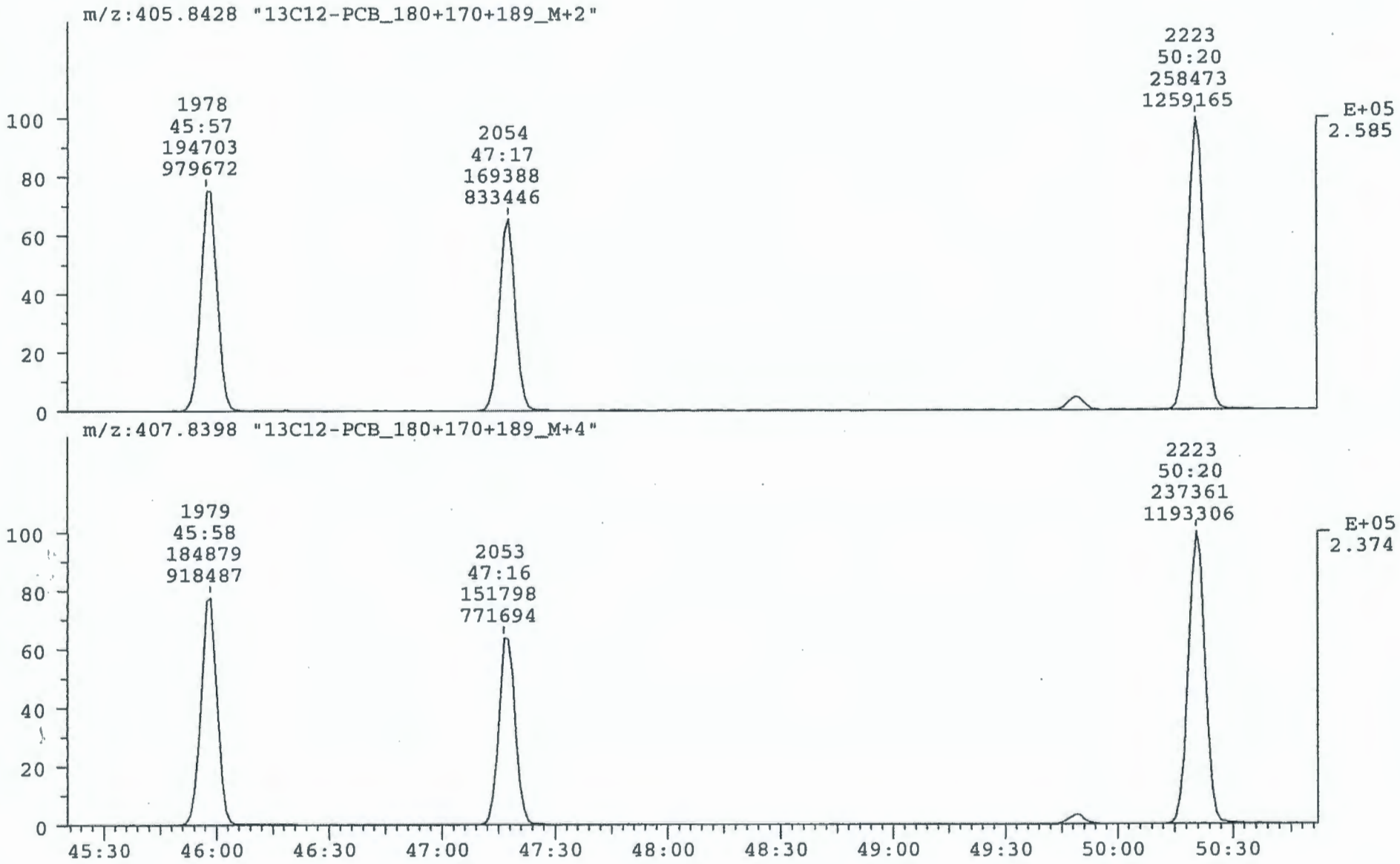


CHRO: a07030711 07-Mar-07 Elapse: 44:06 1873
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1495 > 2246 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

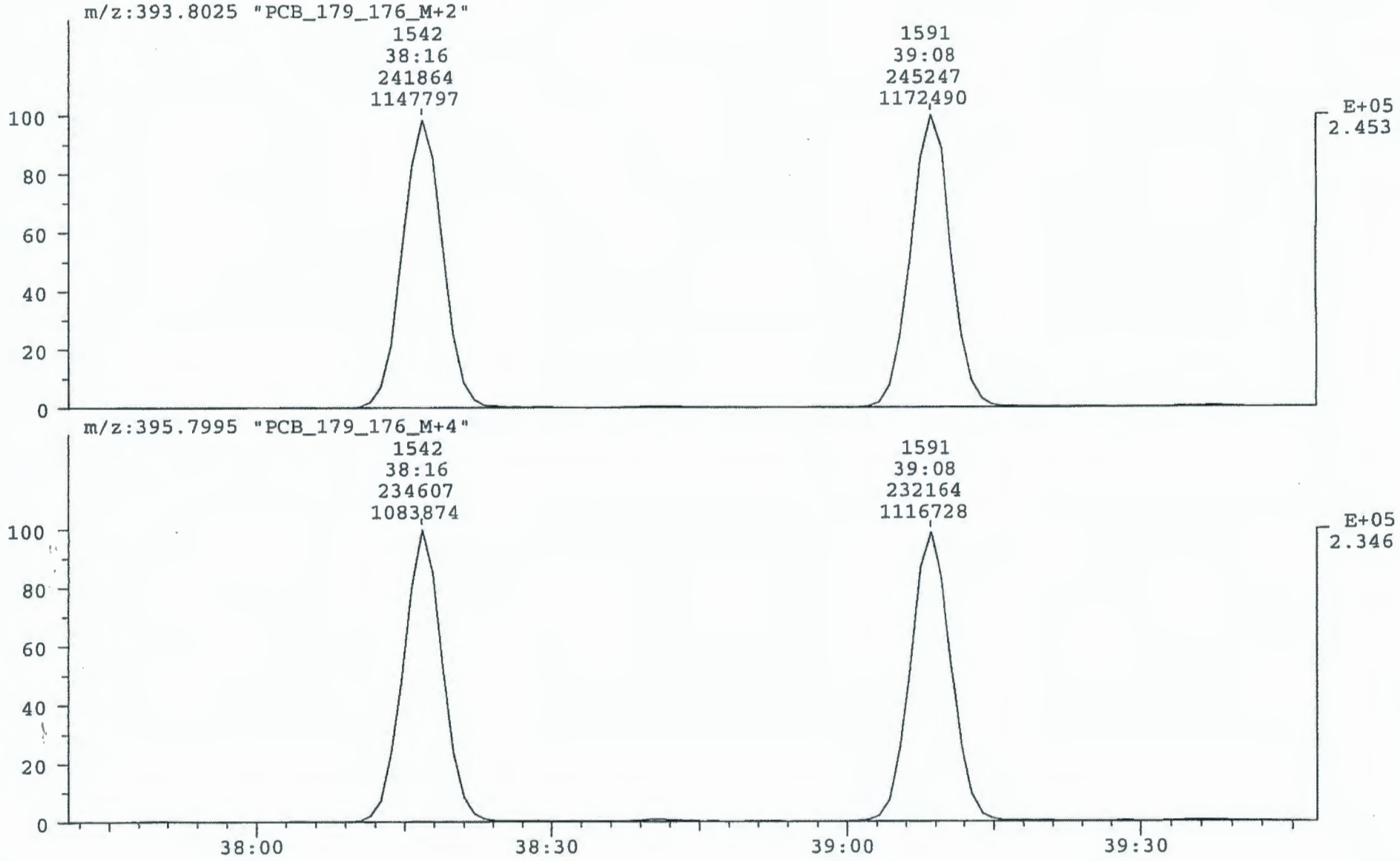
```
CHRO:  a07030711                              07-Mar-07   Elapse:  39:21      1603
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1478 > 1729         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



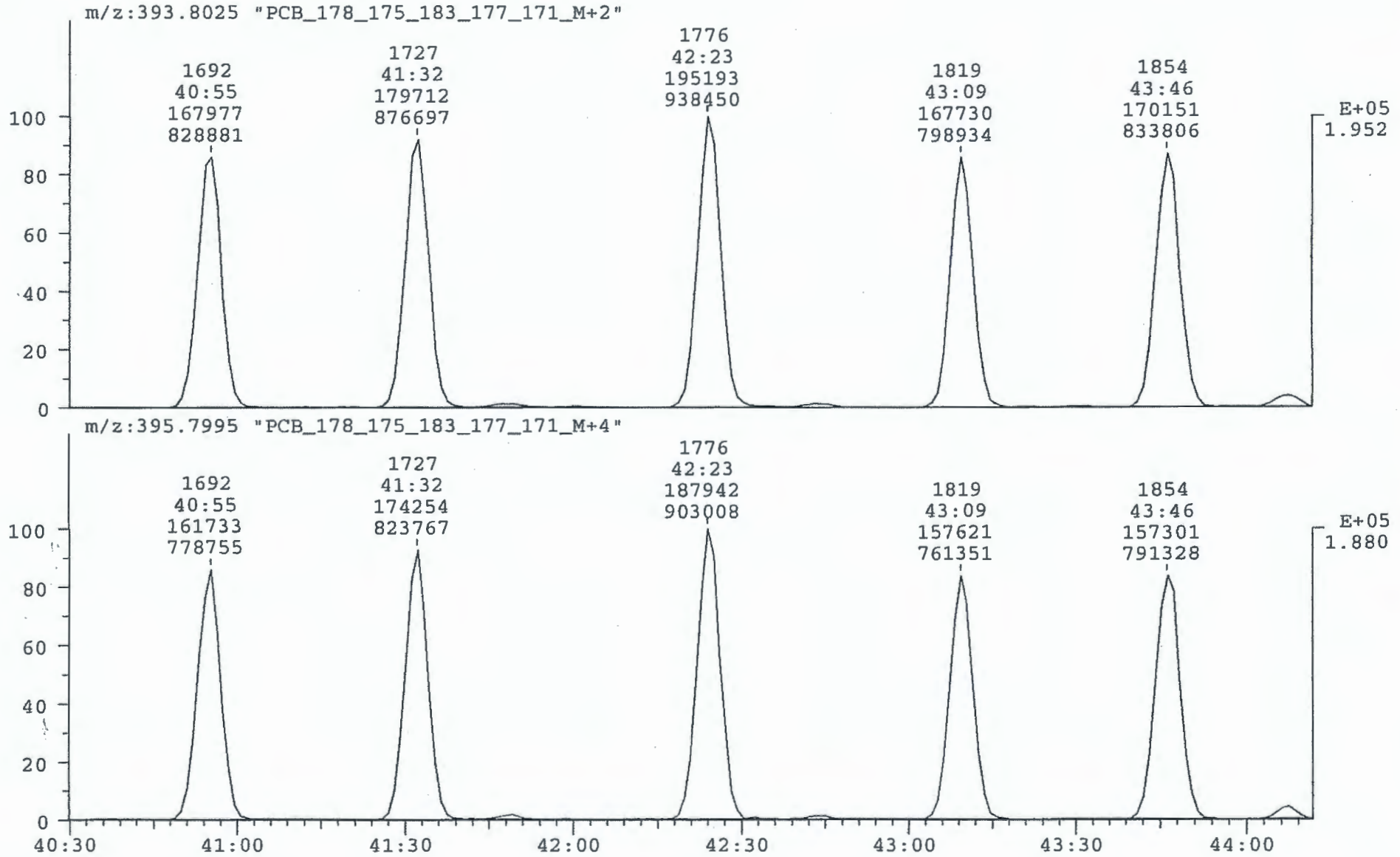
```
CHRO:  a07030711                                07-Mar-07   Elapse:  48:09      2103
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1943 > 2253           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



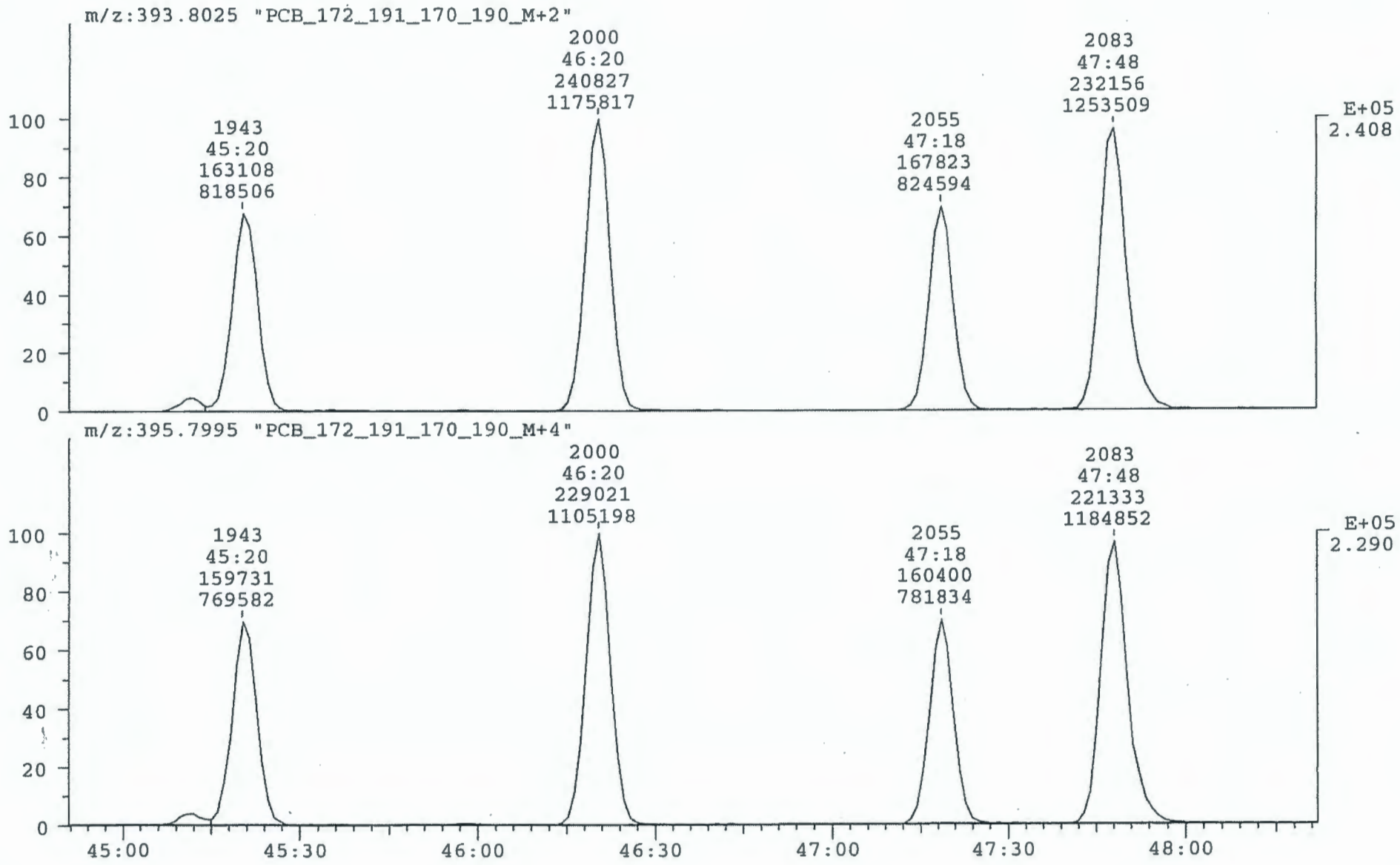
```
CHRO:  a07030711                                07-Mar-07   Elapse:  38:44      1568
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1508 > 1628           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



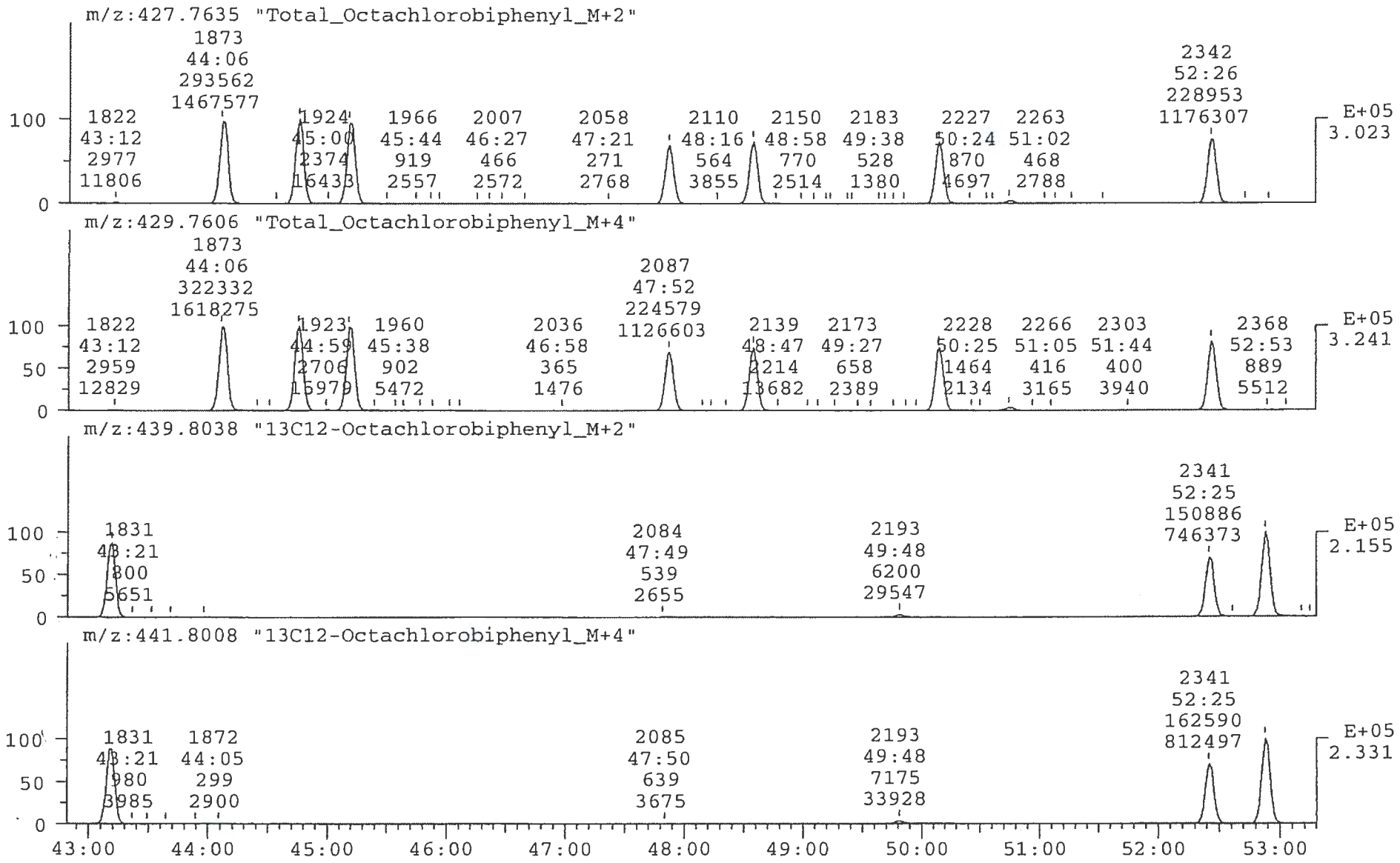
```
CHRO:  a07030711                                07-Mar-07   Elapse:  42:20      1773
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1668 > 1878           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



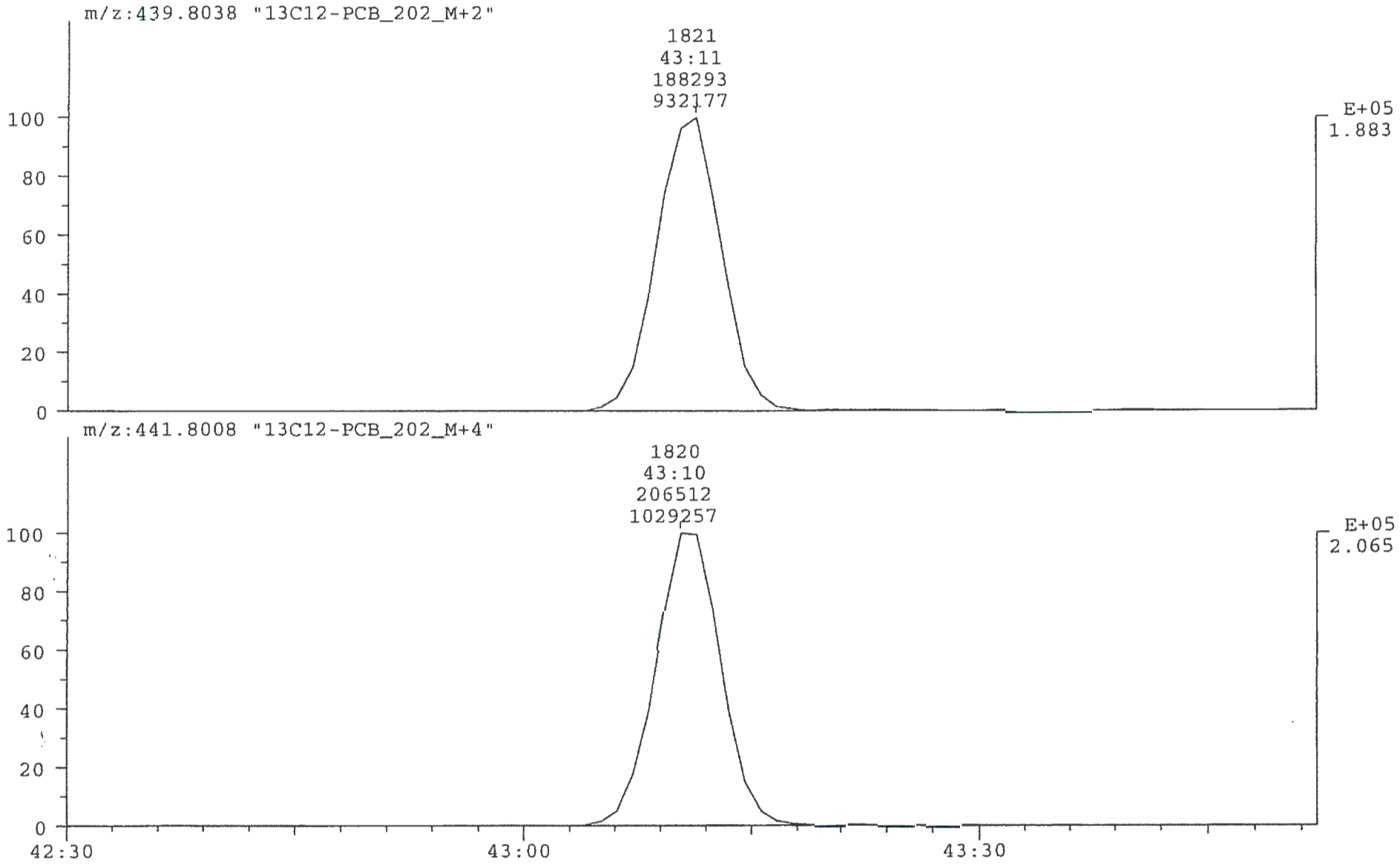
```
CHRO:  a07030711                                07-Mar-07   Elapse:  46:36      2015
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1915 > 2115           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



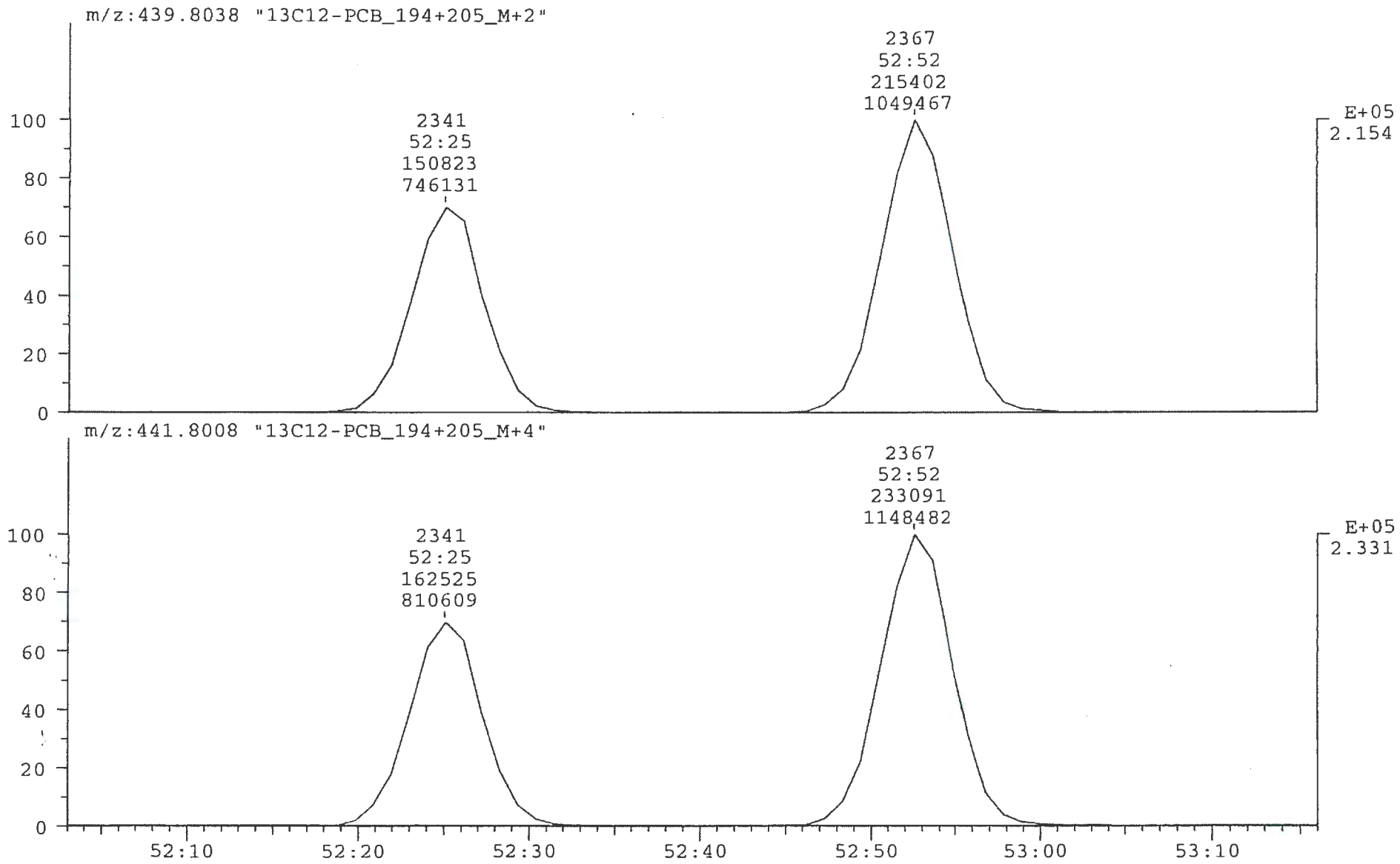
CHRO: a07030711 07-Mar-07 Elapse: 48:02 2097
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1800 > 2391 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



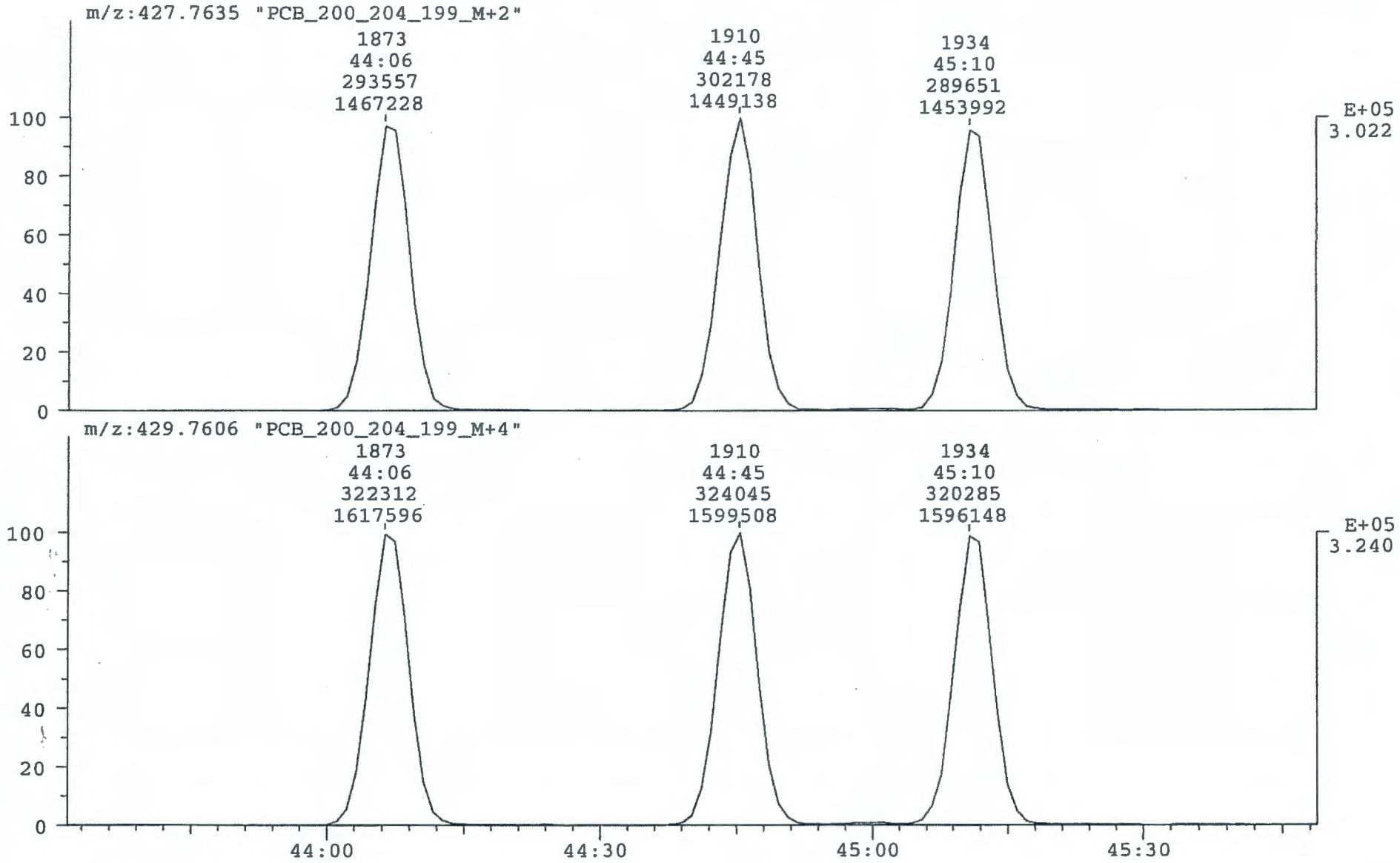
```
CHRO:  a07030711                              07-Mar-07   Elapse:  43:08      1818
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1782 > 1859         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



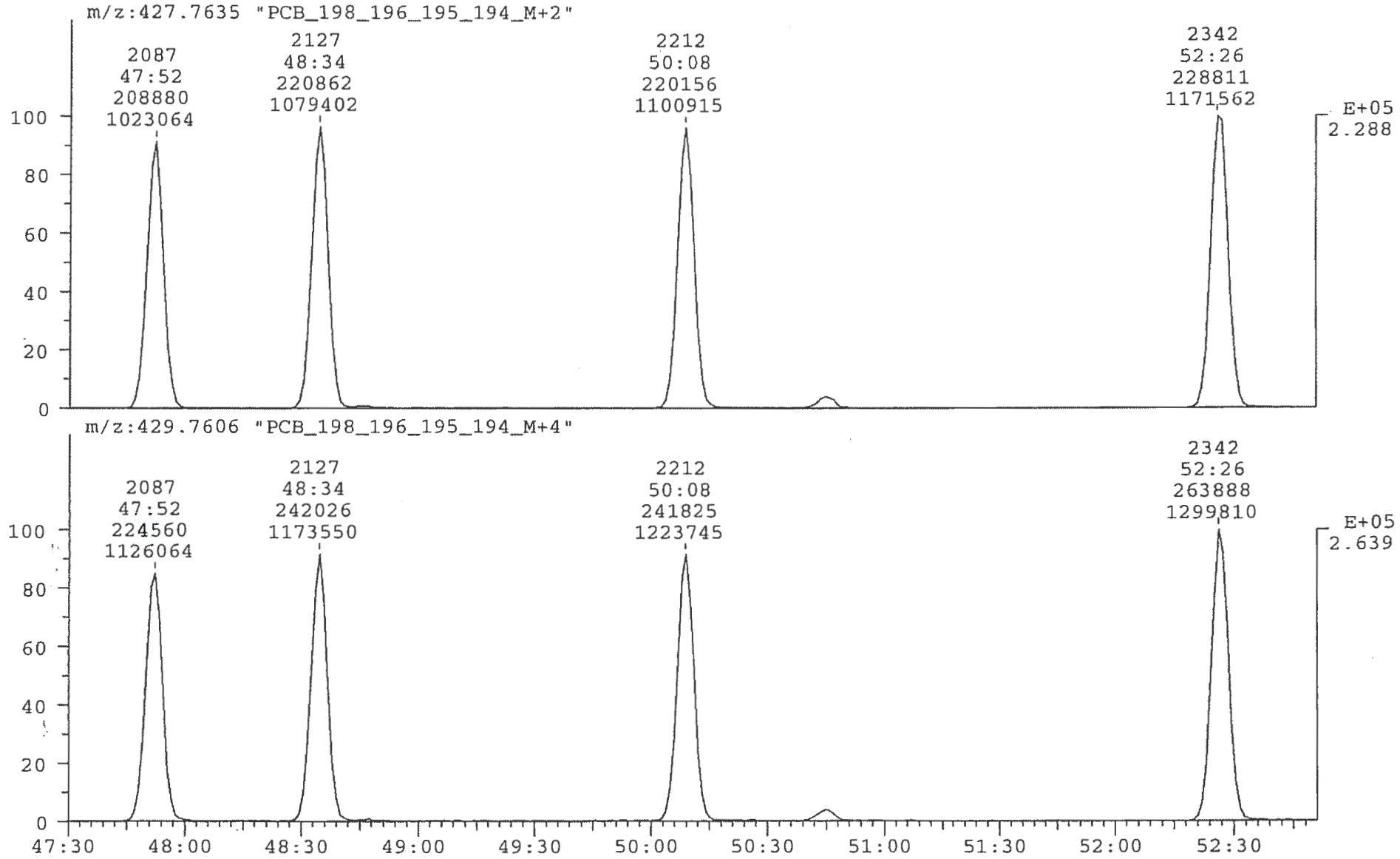
CHRO: a07030711 07-Mar-07 Elapse: 52:38 2354
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2320 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



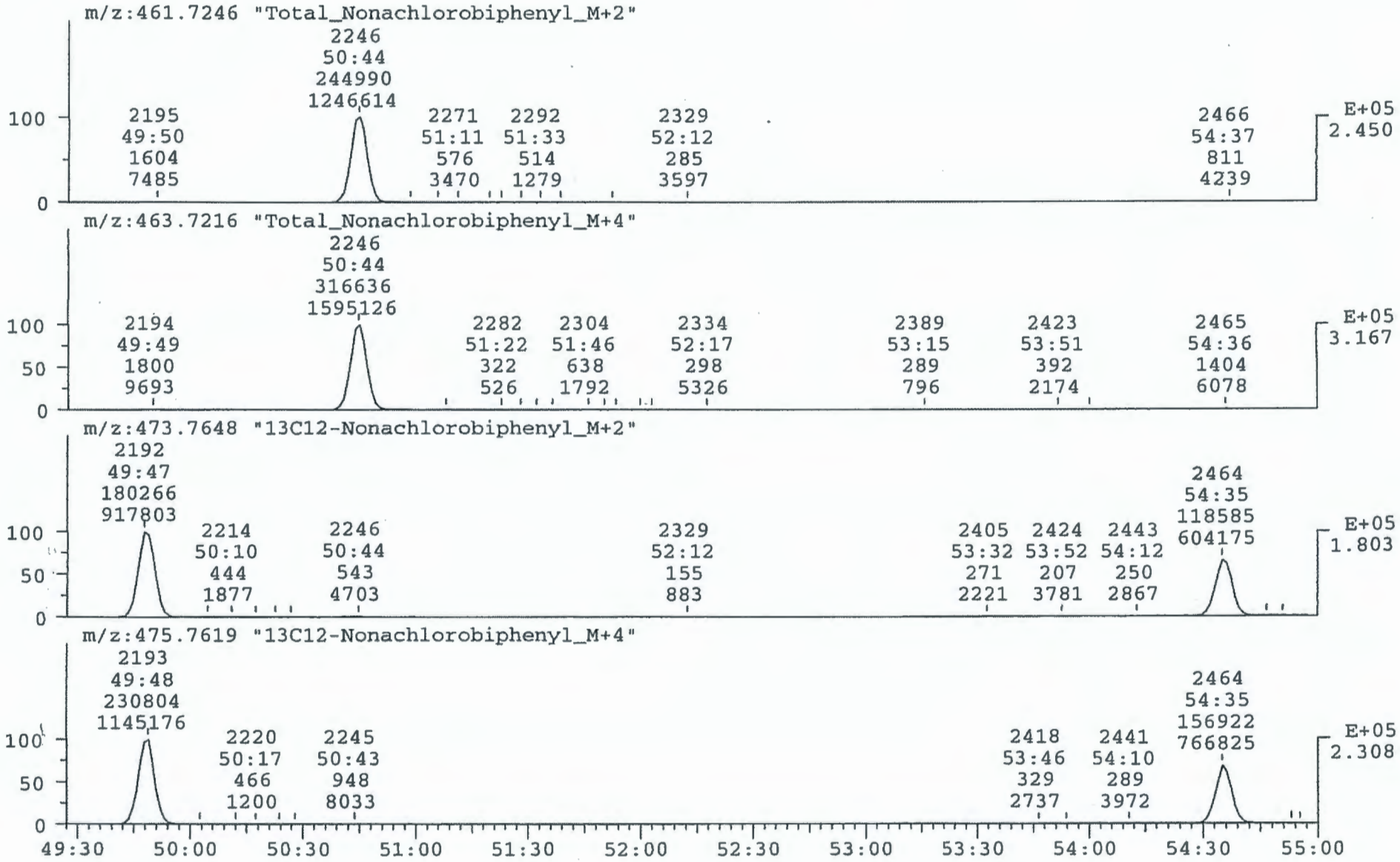
CHRO: a07030711 07-Mar-07 Elapse: 44:40 1905
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1840 > 1970 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



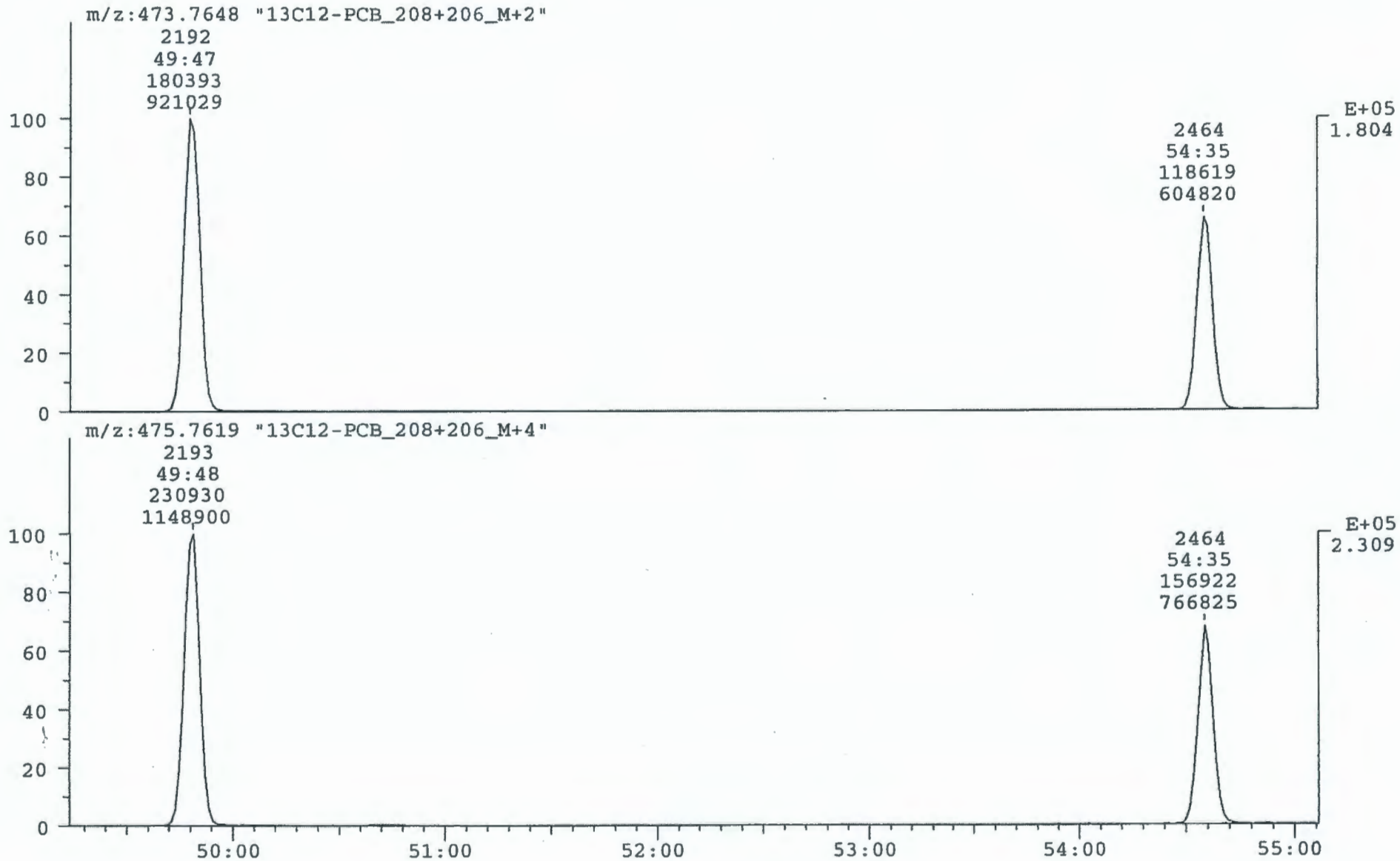
```
CHRO:  a07030711                                07-Mar-07   Elapse:  50:09      2213
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   2066 > 2366           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a07030711 07-Mar-07 Elapse: 52:13 2330
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 17:03:44 2602
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2172 > 2488 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a07030711                                07-Mar-07   Elapse:  52:12      2329
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   2164 > 2494           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a07030711                                07-Mar-07   Elapse:  50:42      2244
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   2214 > 2274           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
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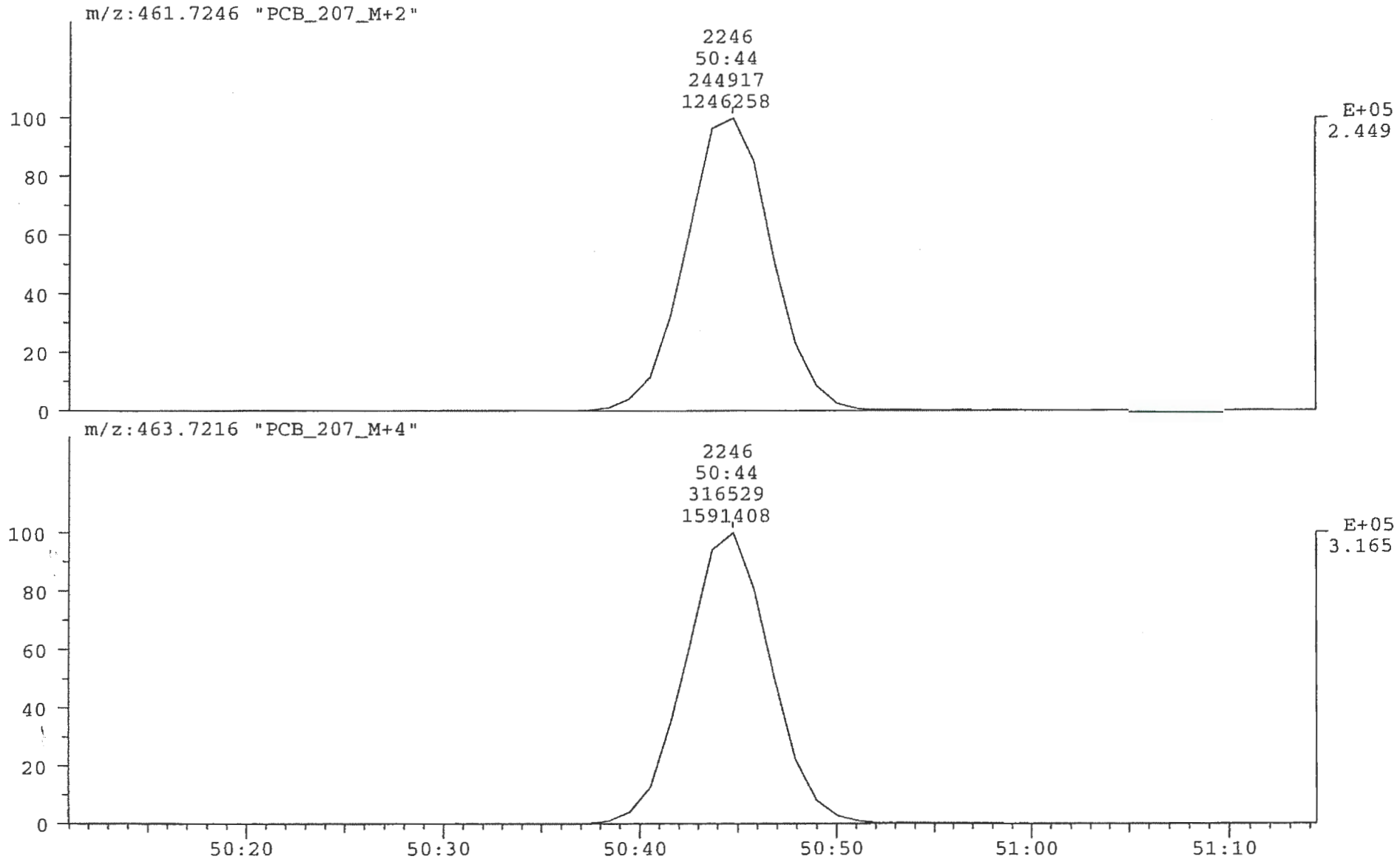

```
CHRO:  a07030711                              07-Mar-07   Elapse:  56:12      2556
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  17:03:44   2602
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   2516 > 2596         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
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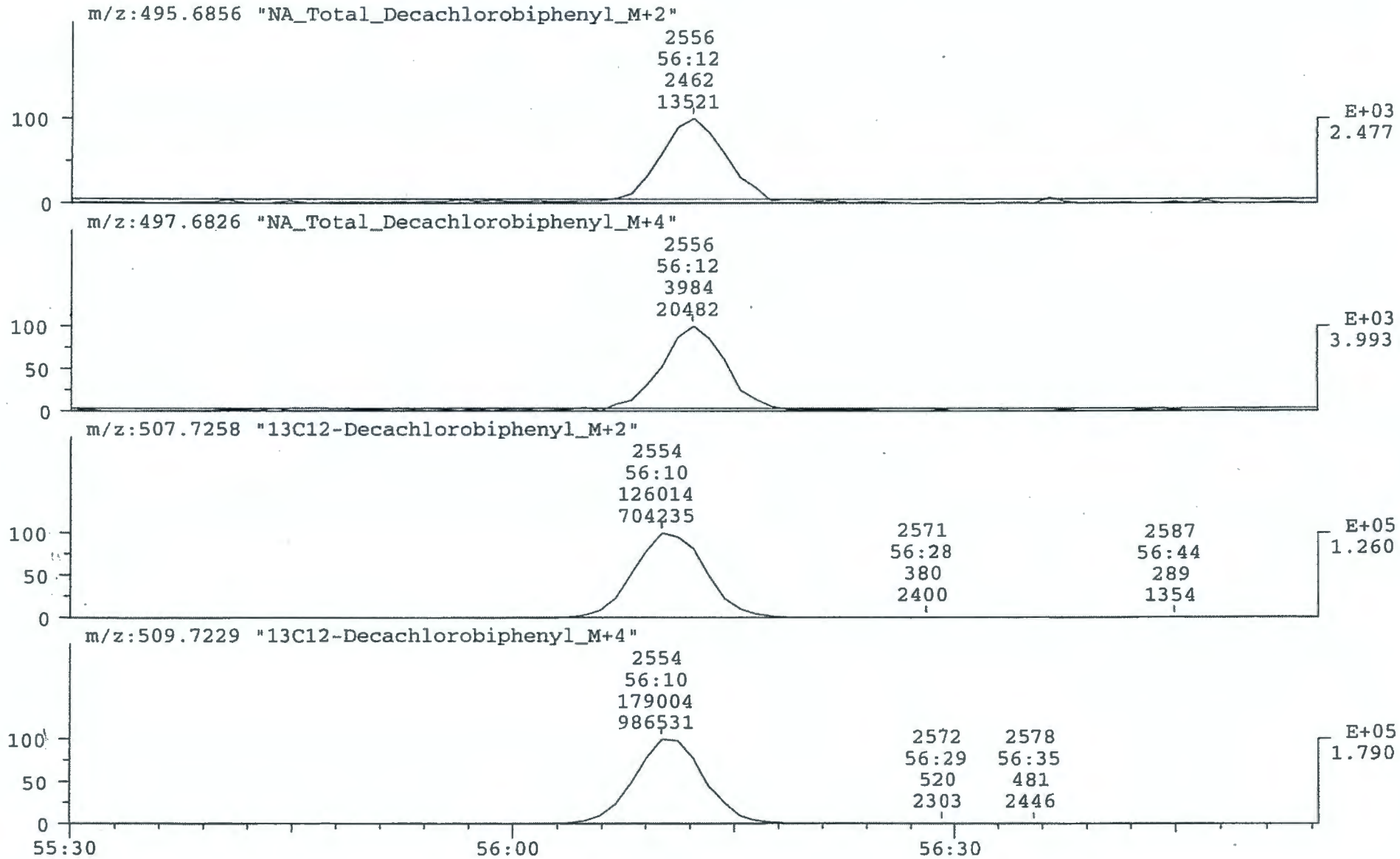


Instrument internet name - mat95
Instrument model - MAT 95
Instrument serial number - 000000
Workstation internet name - icis1ms
ICIS Version 8.2.1

ICL Version: 10.710
File name: a07030711
Study: 1668 RT Mix1/Run1
Sample: WO=2990:75Mix1 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxville
Comments: Inst=m1d/137819-2 Batch=20070307s1 Ccal=20050801i
Injected volume: 2.00
Sample from Vial 3
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 1 of list 070307
ICL procedure: sleep7x
MID procedure: epa1668n

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	22:01 min	14:03 min	36:04 min	1.00 sec
# 3	36:05 min	13:10 min	49:15 min	1.00 sec
# 4	49:16 min	7:44 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 : epa1668n

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	1032.2528
BMASS	180.9888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9294
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-18.7750
DRAWC	1.0000	DRAWS	0.0050	ECORR	0.9999
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9999
EDACR	23.0000	EDACZ	1160.0000	ELEN	67.4250
EMULT	1.5500	ENS	180.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	144.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	600.9615	FSLOPE	54000000.0000	FVANAL	261.0000
FVINLET	246.0000	FVSRC	860.0000	FWIN	0.7000
GCTC	49.0000	GCTI	270.0000	GCTL	280.0000
HACCU	156.0000	HCURR	1.1569	HVANAL	1328.0000
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	1800.0000	LENSS	21.0000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2352236.4350

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	7407.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-10.0000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10314.6723	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	2.0000	SCIDLE	0.0000	SHIELD	2918.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.1500	TCURR	0.7031
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	2.1750	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2000.0000
XLENSS	-34.8000	YLENS	2600.0000	YLENSS	-24.8000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 07-Mar-07 17:03:44.8

Autosampler has injected sample from vial 3
MID Time Window 1: Resolution is 9049
MID Time Window 2: Resolution is 8406
MID Time Window 3: Resolution is 10717
MID Time Window 4: Resolution is 10124
Analysis stopped at: 07-Mar-07 18:00:47.8 (run time 57.03 minutes)
Analysis stopped because MID run finished

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030712.	Prep Date		SDG No	
Analysis ID	96239	Prep Exp Date		Date Received	
Analysis Date	03/07/07 22:12	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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	160	123	64	49	1.31 *	/	
	PCB 2 (BZ)	14:16	00:00	0	1276981	398915	445098	145226	3.20	ABV/AVV	
200					**200.0795**	**202.0766**	**200.0795**	**202.0766**	**2.66-3.60**		
	Noise	00:00	00:00	0	178	360	71	144	0.49 *	/	
	13C12-PCB 1	12:13	00:00	0	2396888	758507	1035360	326832	3.16	AVV/AVV	
	13C12-PCB 3	14:26	00:00	0	2401828	741466	843223	257759	3.24	ABV/AVV	
222					**222.0003**	**223.9974**	**222.0003**	**223.9974**	**1.33-1.79**		
	Noise	00:00	00:00	0	238	543	95	217	0.44 *	/	
	PCB 10 (BZ)	14:54	00:00	0	855242	548252	286728	179744	1.56	AVB/AVV	
	PCB 9 (BZ)	16:41	00:00	0	927969	579937	280312	173586	1.60	ABV/ABV	D
	PCB 6 (BZ)	17:08	00:00	0	888008	557167	249701	157676	1.59	AVV/AVV	
	PCB 8 (BZ)	17:34	00:00	0	938295	589994	267730	169670	1.59	AVV/AVV	
	PCB 14 (BZ)	19:10	00:00	0	910588	572309	235644	146126	1.59	AVV/ABV	D
	PCB 11 (BZ)	20:04	00:00	0	859815	549034	233807	144766	1.57	ABV/ABV	
234					**234.0406**	**236.0376**	**234.0406**	**236.0376**	**1.33-1.79**		
	Noise	00:00	00:00	0	363	223	145	89	1.63	/	
	13C12-PCB 4	14:43	00:00	0	1049156	637803	358322	214742	1.64	AVV/ABV	
	13C12-PCB 9	16:40	00:00	0	1721097	1065370	517167	320796	1.62	ABV/ABV	
	13C12-PCB 8	17:33	00:00	0	1904562	1183054	554072	339399	1.61	AVV/AVV	
	13C12-PCB 15	20:42	00:00	0	1758723	1087633	463252	281145	1.62	AVV/AVV	
256					**255.9613**	**257.9584**	**255.9613**	**257.9584**	**0.88-1.20**		
	Noise	00:00	00:00	0	183	170	73	68	1.07	/	
	PCB 30 (BZ)	19:39	00:00	0	568027	535458	146406	142911	1.06	ABV/ABV	D
	PCB 27 (BZ)	20:25	00:00	0	553518	528463	142571	141872	1.05	ABV/AVV	
	PCB 32 (BZ)	21:11	00:00	0	601947	567483	154048	142130	1.06	AVV/AVV	
	PCB 34 (BZ)	22:25	00:00	0	792956	785415	191654	190016	1.01	ABV/ABV	
	PCB 26 (BZ)	22:53	00:00	0	813931	785342	196860	196440	1.04	AVV/AVV	M
	PCB 31 (BZ)	23:26	00:00	0	858244	825656	205089	198694	1.04	AVV/AVV	D
	PCB 33 (BZ)	24:01	00:00	0	873792	855745	190379	183428	1.02	AVV/AVV	
	PCB 36 (BZ)	25:55	00:00	0	825840	787587	186745	182060	1.05	AVV/ABV	D
	PCB 38 (BZ)	26:52	00:00	0	804363	768317	176699	168773	1.05	ABV/ABV	D
	PCB 35 (BZ)	27:24	00:00	0	779589	759484	174838	165476	1.03	AVV/AVV	
268					**268.0016**	**269.9986**	**268.0016**	**269.9986**	**0.88-1.20**		
	Noise	00:00	00:00	0	580	298	232	119	1.95 *	/	
	13C12-PCB 19	17:54	00:00	0	617225	582166	176389	166565	1.06	AVV/AVV	
	13C12-PCB 32	21:10	00:00	0	1113958	1033365	275695	266845	1.08	AVV/ABV	
	13C12-PCB 31	23:25	00:00	0	1636515	1581152	398444	388484	1.04	ABV/ABV	
	13C12-PCB 28	23:42	00:00	0	1550635	1502199	361723	354101	1.03	AVV/AVV	
	13C12-PCB 37	27:48	00:00	0	1487203	1401178	322916	302497	1.06	ABV/ABV	
290					**289.9224**	**291.9194**	**289.9224**	**291.9194**	**0.65-0.89**		
	Noise	00:00	00:00	0	228	185	91	74	1.23 *	/	
	PCB 50 (BZ)	23:10	00:00	0	815050	1030091	200420	248257	0.79	ABV/ABV	
	PCB 45 (BZ)	23:54	00:00	0	721810	929849	175642	225770	0.78	ABB/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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030712.	Prep Date		SDG No	
Analysis ID	96239	Prep Exp Date		Date Received	
Analysis Date	03/07/07 22:12	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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 52 (BZ)	25:35	00:00	0	874937	1109942	205300	259705	0.79	ABV/ABV	D
	PCB 49 (BZ)	26:03	00:00	0	882621	1108815	205128	256673	0.80	AVV/AVV	
	PCB 75 (BZ)	26:53	00:00	0	1228678	1551543	277965	353135	0.79	AVV/AVV	M
	PCB 41 (BZ)	27:32	00:00	0	710788	897779	157706	205693	0.79	AVV/AVV	
	PCB 72 (BZ)	28:37	00:00	0	1196808	1519177	278577	345137	0.79	ABV/ABV	D
	PCB 57 (BZ)	29:20	00:00	0	1133260	1464726	257394	328540	0.77	ABV/AVV	D
	PCB 63 (BZ)	30:00	00:00	0	1184147	1494778	260725	325390	0.79	ABV/AVV	D
	PCB 66 (BZ)	30:42	00:00	0	1162666	1484705	260662	331511	0.78	ABV/ABV	D
	PCB 79 (BZ)	33:30	00:00	0	1237997	1578236	261630	340186	0.78	AVV/AVV	D
	PCB 78 (BZ)	34:05	00:00	0	1146462	1482316	252559	315353	0.77	AVV/AVV	D
	PCB 81 (BZ)	34:33	00:00	0	1183597	1493492	243201	317602	0.79	AVV/AVV	
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	143	138	57	55	1.04 *	/	
	13C12-PCB 54	21:03	00:00	0	540592	669033	140055	173971	0.81	ABV/ABV	
	13C12-PCB 52	25:34	00:00	0	796555	998147	190109	238942	0.80	ABV/ABV	
	13C12-PCB 79	33:29	00:00	0	1237820	1551465	268145	330235	0.80	ABV/ABV	D
	13C12-PCB 81	34:32	00:00	0	1031251	1294239	217393	271450	0.80	ABV/ABV	D
	13C12-PCB 77	35:07	00:00	0	1065897	1342311	219625	272736	0.79	ABB/ABB	D
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	188	160	75	64	1.17 *	/	
	PCB 96 (BZ)	26:59	00:00	0	1250585	791905	287068	183319	1.58	ABV/ABV	D
	PCB 103 (BZ)	28:47	00:00	0	1036370	643848	239205	143738	1.61	ABV/ABV	D
	PCB 95 (BZ)	29:33	00:00	0	942464	599691	212931	139196	1.57	ABV/AVV	D
	PCB 88 (BZ)	30:16	00:00	0	858371	537427	184851	114180	1.60	ABV/ABV	
	PCB 89 (BZ)	31:08	00:00	0	836336	535400	177106	114683	1.56	ABV/AVV	D
	PCB 92 (BZ)	31:50	00:00	0	902235	575866	191158	123353	1.57	ABV/ABV	D
	PCB 113 (BZ)	32:22	00:00	0	1230072	772464	258629	167429	1.59	ABV/AVV	D
	PCB 83 (BZ)	32:55	00:00	0	778395	485533	161327	98742	1.60	ABV/AVV	D
	PCB 119 (BZ)	33:27	00:00	0	1347492	856830	295429	187811	1.57	ABV/ABV	DM
	PCB 87 (BZ)	33:40	00:00	0	888515	569373	190587	118629	1.56	AVB/AVV	DM
	PCB 85 (BZ)	34:16	00:00	0	970002	591799	207267	127907	1.64	ABV/AVV	D
	PCB 82 (BZ)	34:48	00:00	0	755820	468119	159463	102739	1.61	AVV/AVV	D
	PCB 120 (BZ)	35:30	00:00	0	1385471	872355	291210	185649	1.59	AVB/AVB	D
	PCB 124 (BZ)	36:42	00:00	0	1579630	1012077	319493	205141	1.56	ABV/ABV	D
	PCB 106 (BZ)	37:10	00:00	0	1536803	982452	309733	201711	1.56	AVV/AVV	
	PCB 122 (BZ)	37:46	00:00	0	1400041	894427	294171	185751	1.57	AVV/ABV	D
	PCB 105 (BZ)	38:38	00:00	0	1525401	983614	306973	195229	1.55	ABV/ABV	
	PCB 127 (BZ)	40:01	00:00	0	1564534	1007510	323782	204575	1.55	AVB/AVV	
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	160	148	64	59	1.08 *	/	
	13C12-PCB 104	26:30	00:00	0	1200177	751284	274435	172880	1.60	ABV/ABV	D
	13C12-PCB 95	29:32	00:00	0	984594	609377	212701	133426	1.62	ABV/ABV	D
	13C12-PCB 101	32:23	00:00	0	935853	589122	207709	127602	1.59	AVV/ABV	
	13C12-PCB 111	35:00	00:00	0	1205278	760931	253715	159638	1.58	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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030712.	Prep Date		SDG No	
Analysis ID	96239	Prep Exp Date		Date Received	
Analysis Date	03/07/07 22:12	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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		
	13C12-PCB 123	37:02	00:00	0	1446901	915285	310324	191744	1.58	ABV/ABV	D
	13C12-PCB 118	37:21	00:00	0	1530449	948609	312668	192809	1.61	AVV/AVV	D
	13C12-PCB 114	37:54	00:00	0	1492154	917547	309772	185535	1.63	AVV/AVV	D
	13C12-PCB 105	38:36	00:00	0	1458728	907772	314556	194077	1.61	ABV/ABB	D
	13C12-PCB 127	39:59	00:00	0	1582735	979440	321646	200803	1.62	AVV/ABV	
	13C12-PCB 126	41:40	00:00	0	1539915	966365	319849	200816	1.59	AVV/ABV	D
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	298	348	119	139	0.86 *	/	
	PCB 152 (BZ)	32:26	00:00	0	991958	779211	209464	171781	1.27	ABV/ABV	D
	PCB 136 (BZ)	33:01	00:00	0	977434	775048	213118	167264	1.26	ABV/ABV	D
	PCB 148 (BZ)	34:39	00:00	0	728484	570562	157576	122635	1.28	ABV/ABV	D
	PCB 151 (BZ)	35:18	00:00	0	737508	571961	154229	116757	1.29	AVV/AVV	D
	PCB 144 (BZ)	35:52	00:00	0	759154	596448	166872	127992	1.27	AVV/AVV	D
	PCB 143 (BZ)	36:34	00:00	0	850999	671818	181545	138990	1.27	AVV/AVV	D
	PCB 142 (BZ)	37:12	00:00	0	787802	630946	170040	138855	1.25	AVV/AVV	D
	PCB 133 (BZ)	37:57	00:00	0	836186	666055	180707	144034	1.26	ABB/ABB	D
	PCB 161 (BZ)	38:42	00:00	0	1246189	997414	265293	208414	1.25	ABV/AVV	D
	PCB 153 (BZ)	39:11	00:00	0	1145701	909021	232432	183513	1.26	AVV/AVV	D
	PCB 130 (BZ)	39:52	00:00	0	797962	639113	169579	131967	1.25	AVV/AVV	D
	PCB 129 (BZ)	40:35	00:00	0	751763	593770	150376	121384	1.27	ABV/AVV	M
	PCB 166 (BZ)	41:42	00:00	0	1236309	984259	258524	199676	1.26	AVB/AVB	
	PCB 159 (BZ)	42:40	00:00	0	1263126	1005517	260224	201524	1.26	ABV/AVV	D
	PCB 167 (BZ)	43:27	00:00	0	1283278	1047189	267101	217883	1.23	AVV/ABV	
	PCB 156 (BZ)	44:37	00:00	0	1372831	1091507	258090	204901	1.26	ABB/AVV	
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	303	125	121	50	2.42 *	/	
	13C12-PCB 155	32:04	00:00	0	1001594	789721	216773	172034	1.27	ABV/ABV	D
	13C12-PCB 153	39:10	00:00	0	1107578	865607	233765	185361	1.28	ABV/ABV	D
	13C12-PCB 138	40:28	00:00	0	998861	772267	204040	157596	1.29	ABV/ABV	
	13C12-PCB 167	43:26	00:00	0	1266114	1008024	268739	208385	1.26	AVV/ABV	
	13C12-PCB 156	44:36	00:00	0	1091826	867802	259766	202048	1.26	ABV/ABV	D
	13C12-PCB 157	44:41	00:00	0	1412857	1107095	280709	222163	1.28	AVB/AVB	M
	13C12-PCB 169	47:51	00:00	0	1238040	957944	246603	187981	1.29	AVV/ABV	D
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	243	170	97	68	1.43 *	/	
	PCB 179 (BZ)	38:16	00:00	0	1017080	958784	207108	204410	1.06	ABV/ABV	D
	PCB 176 (BZ)	39:08	00:00	0	1034769	979321	217804	201823	1.06	ABV/ABV	D
	PCB 178 (BZ)	40:53	00:00	0	722351	693886	150058	147033	1.04	ABV/ABV	D
	PCB 175 (BZ)	41:30	00:00	0	752126	710757	156351	145398	1.06	ABV/AVV	D
	PCB 183 (BZ)	42:23	00:00	0	825829	784538	171339	161289	1.05	ABV/ABV	D
	PCB 177 (BZ)	43:09	00:00	0	700175	665575	137512	136426	1.05	ABV/AVV	D
	PCB 171 (BZ)	43:45	00:00	0	745626	702336	156038	145062	1.06	ABB/ABV	D
	PCB 172 (BZ)	45:19	00:00	0	719480	688246	145316	139392	1.05	AVV/AVV	D
	PCB 191 (BZ)	46:19	00:00	0	1035347	981473	214454	200084	1.05	AVV/AVV	D

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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030712.	Prep Date		SDG No	
Analysis ID	96239	Prep Exp Date		Date Received	
Analysis Date	03/07/07 22:12	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

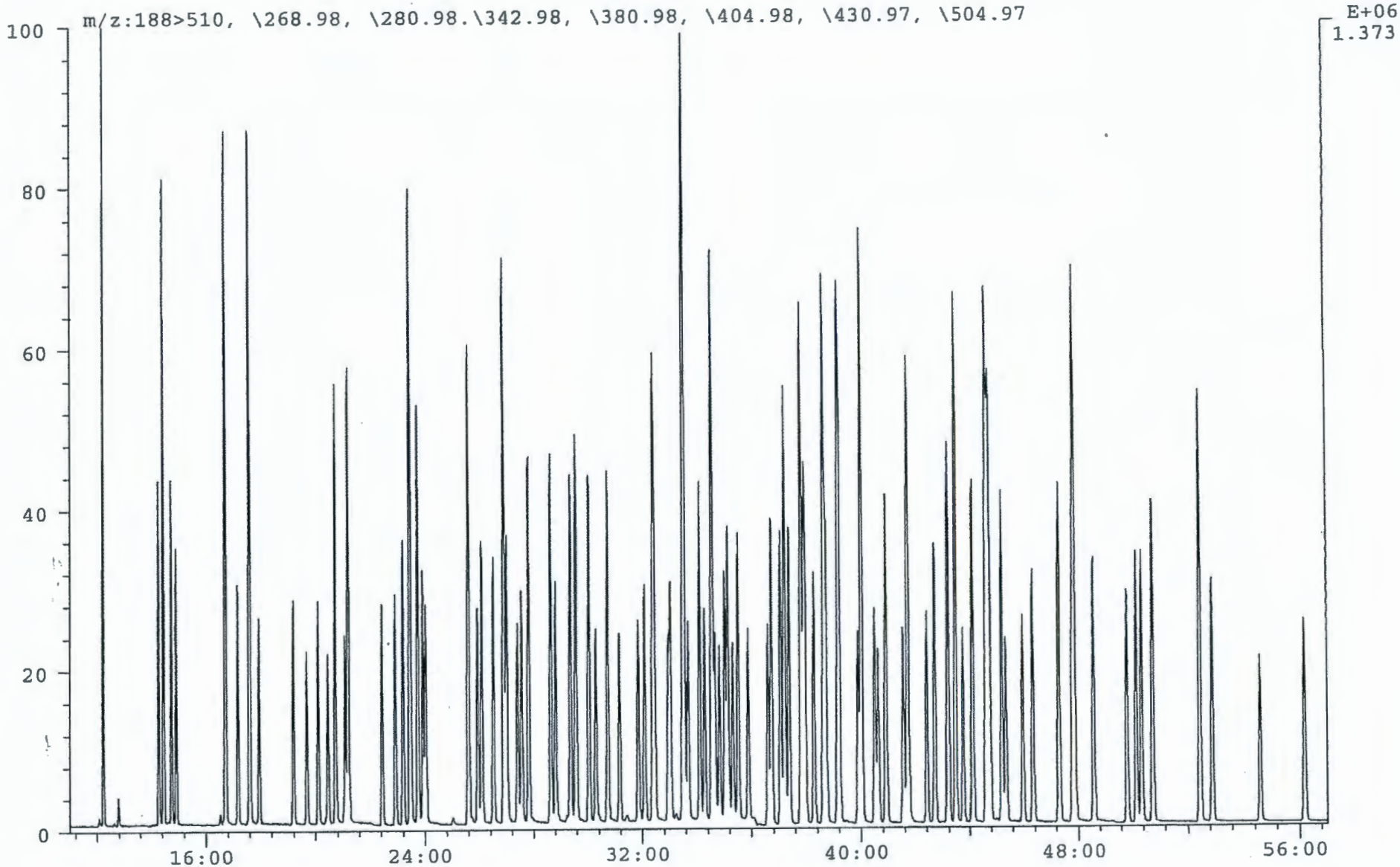
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	PCB 170 (BZ)	47:18	00:00	0	717426	696821	149048	143054	1.03	AVV/AVV	D
	PCB 190 (BZ)	47:47	00:00	0	1101155	1049876	200167	191157	1.05	ABV/AVV	D
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	180	123	72	49	1.47 *	/	
	13C12-PCB 188	37:47	00:00	0	1081058	1006036	219572	206803	1.07	ABV/ABV	D
	13C12-PCB 178	40:52	00:00	0	685053	642539	146064	134942	1.07	ABV/ABV	
	13C12-PCB 180	45:57	00:00	0	864143	808949	170765	164289	1.07	ABV/ABV	
	13C12-PCB 170	47:16	00:00	0	717287	692559	146518	137093	1.04	AVV/ABV	
	13C12-PCB 189	50:20	00:00	0	1158396	1098002	235936	227640	1.06	ABV/ABV	D
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	263	198	105	79	1.33 *	/	
	PCB 200 (BZ)/201 (IUPAC	44:06	00:00	0	1262771	1391502	257980	285678	0.91	ABV/ABV	
	PCB 204 (BZ)	44:44	00:00	0	1278189	1392323	267067	290411	0.92	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:11	00:00	0	1257389	1386181	248849	278430	0.91	AVV/AVV	D
	PCB 198 (BZ)	47:50	00:00	0	903431	990704	180538	197372	0.91	AVV/ABV	D
	PCB 196 (BZ)	48:34	00:00	0	933147	1029036	189016	207098	0.91	AVV/AVV	D
	PCB 195 (BZ)	50:08	00:00	0	984367	1106042	199800	225055	0.89	AVV/AVV	
	PCB 194 (BZ)	52:25	00:00	0	1068858	1184472	223276	242618	0.90	ABV/ABV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	100	123	40	49	0.82	/	
	13C12-PCB 202	43:10	00:00	0	823273	904443	170349	190385	0.91	ABV/ABV	D
	13C12-PCB 194	52:24	00:00	0	681917	736494	139294	146077	0.93	ABV/ABV	
	13C12-PCB 205	52:52	00:00	0	942261	1057413	186316	214408	0.89	AVV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	163	195	65	78	0.83	/	
	PCB 207 (BZ)	50:43	00:00	0	1084550	1401727	219322	280298	0.77	ABV/ABV	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	145	148	58	59	0.98 *	/	
	13C12-PCB 208	49:47	00:00	0	805124	1014271	161110	199069	0.79	AVV/AVV	
	13C12-PCB 206	54:34	00:00	0	545098	688133	110572	131433	0.79	ABV/ABV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	100	113	40	45	0.89 *	/	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	135	130	54	52	1.04 *	/	
	13C12-PCB 209	56:09	00:00	0	636658	894545	117575	166882	0.71	ABV/ABV	
	Unidentified	56:24	00:00	0	2035	2965	466	638	0.69	AVV/AVV	
	Unidentified	56:33	00:00	0	2017	2670	337	532	0.76	AVV/AVV	T
	Unidentified	56:39	00:00	0	2367	687	247	572	3.45 *	AVB/AVB	RT

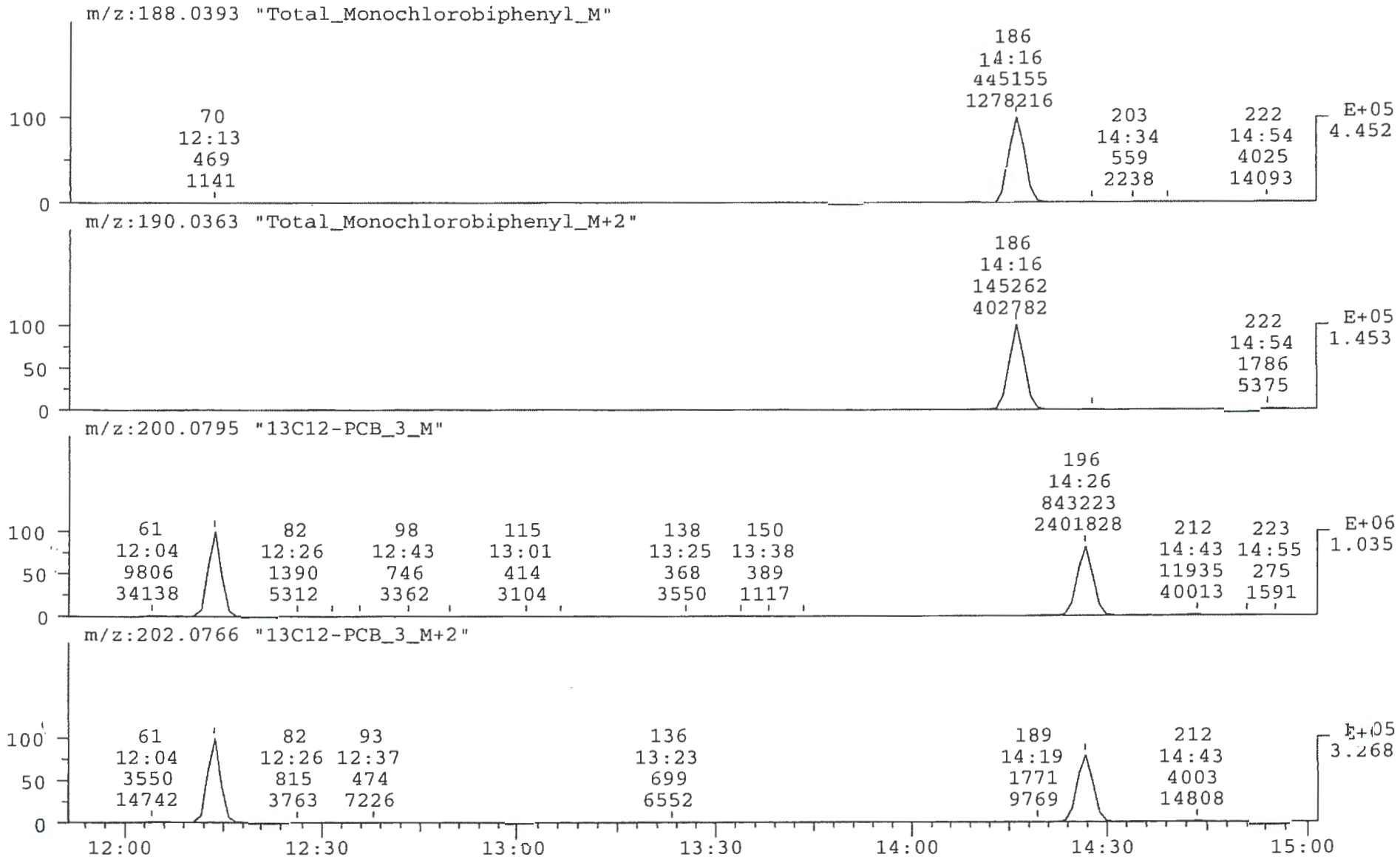
Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

Int DCG 3-1707
Calc DCG 3-1707
QC BWS 3/19/07

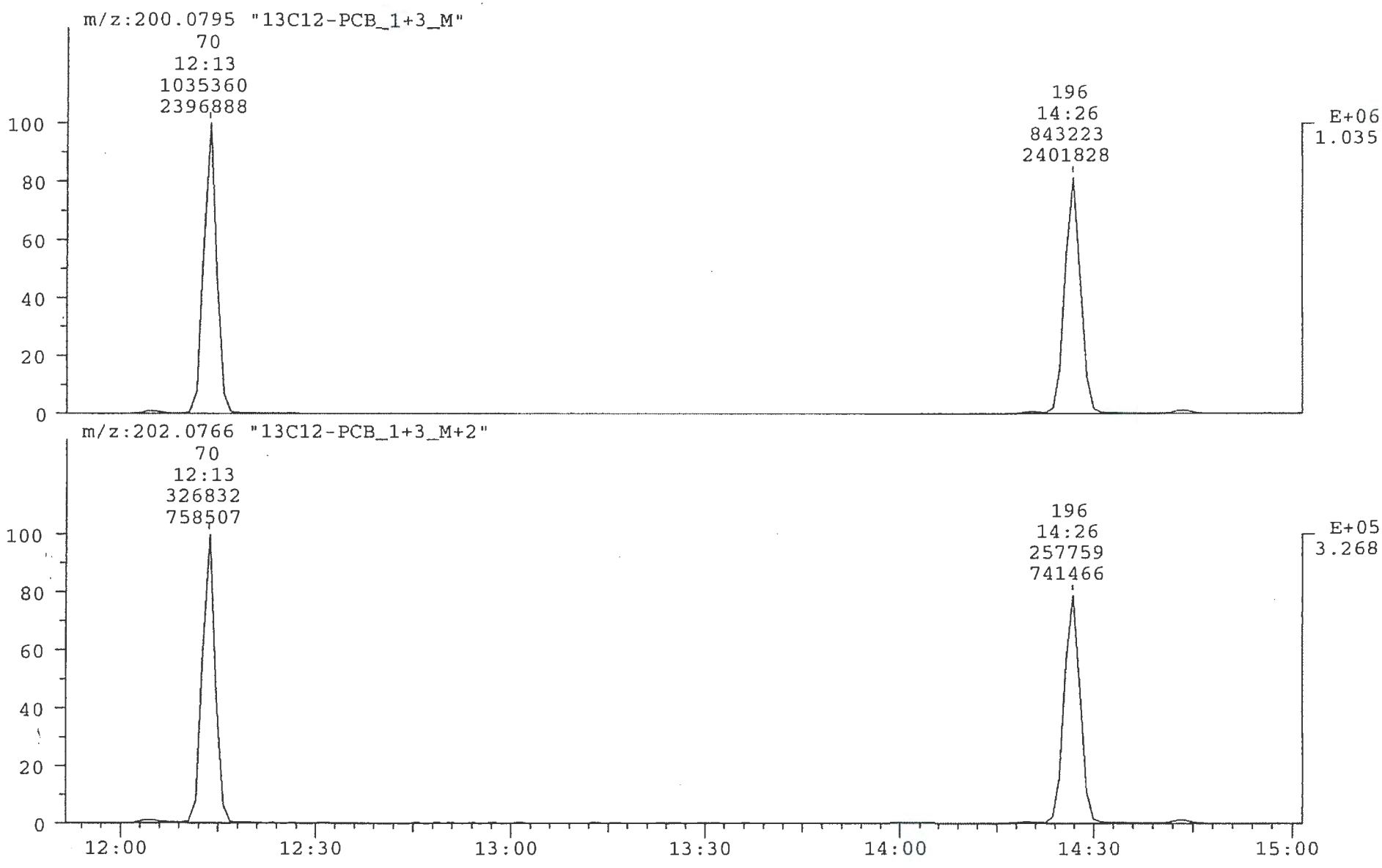
CHRO: a07030712 07-Mar-07 Elapse: 56:14 2556
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2 > 2600 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



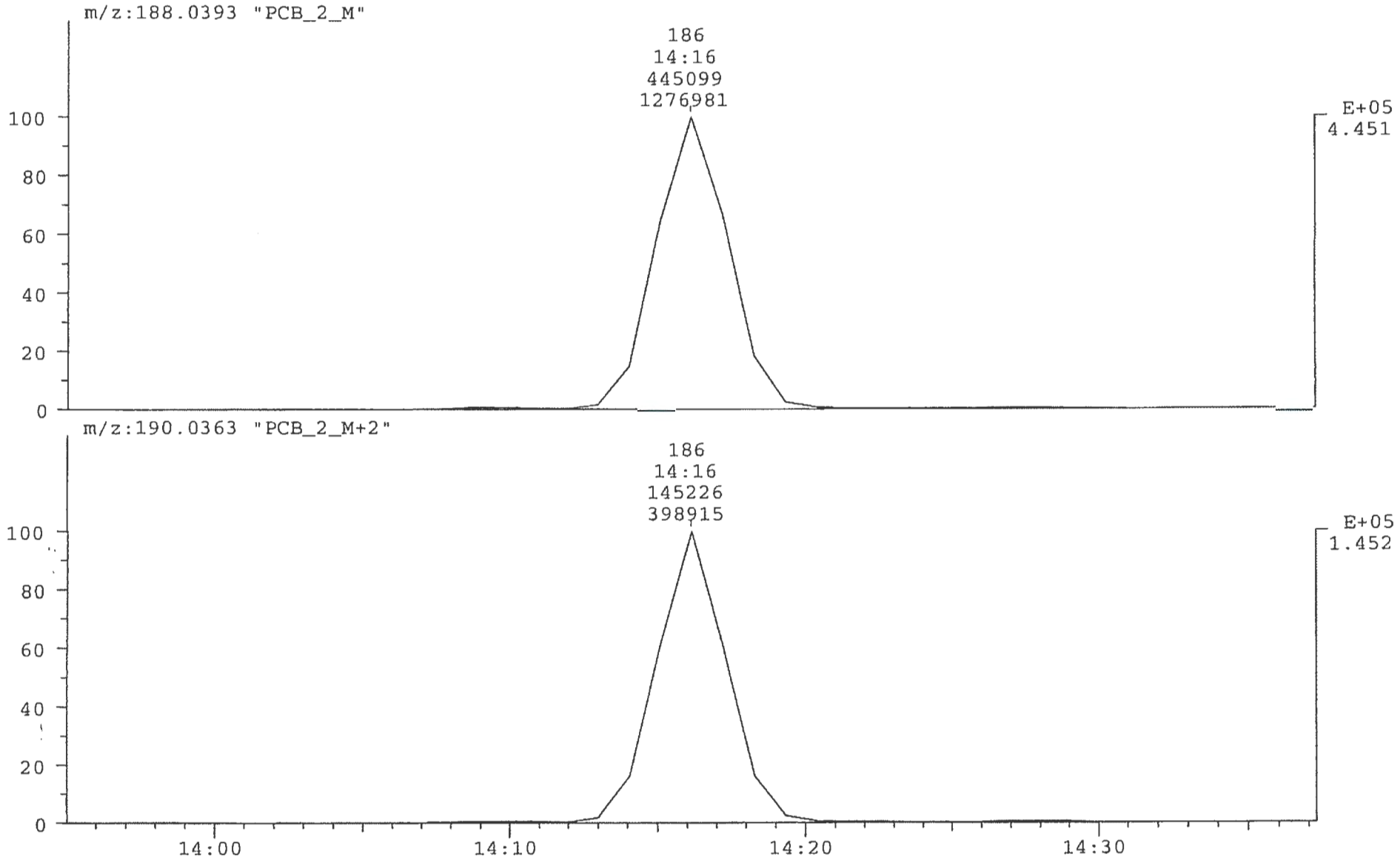
CHRO: a07030712 07-Mar-07 Elapse: 13:26.5 139
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



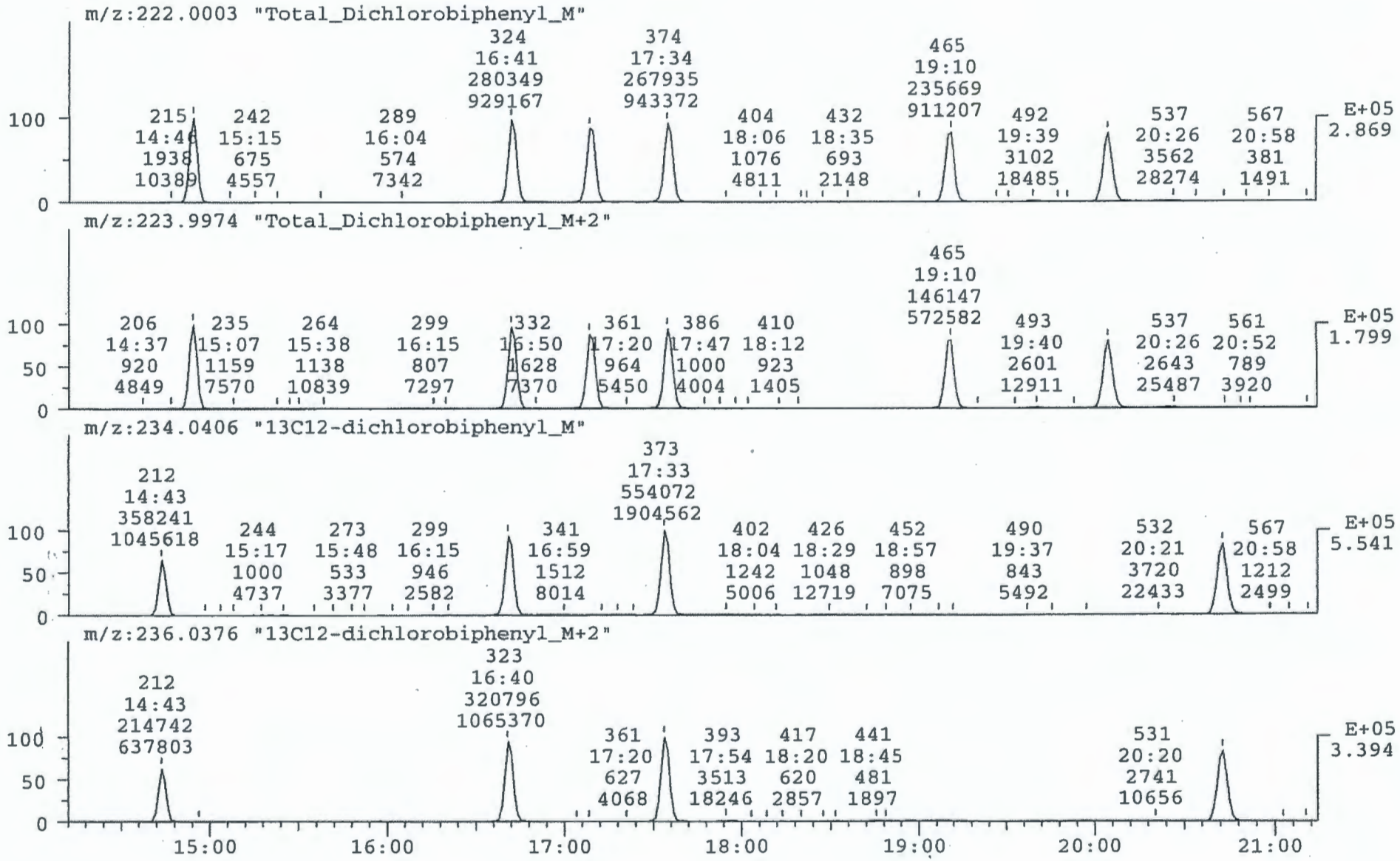
```
CHRO:  a07030712                                07-Mar-07  Elapse:  13:26.5      139
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
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
```



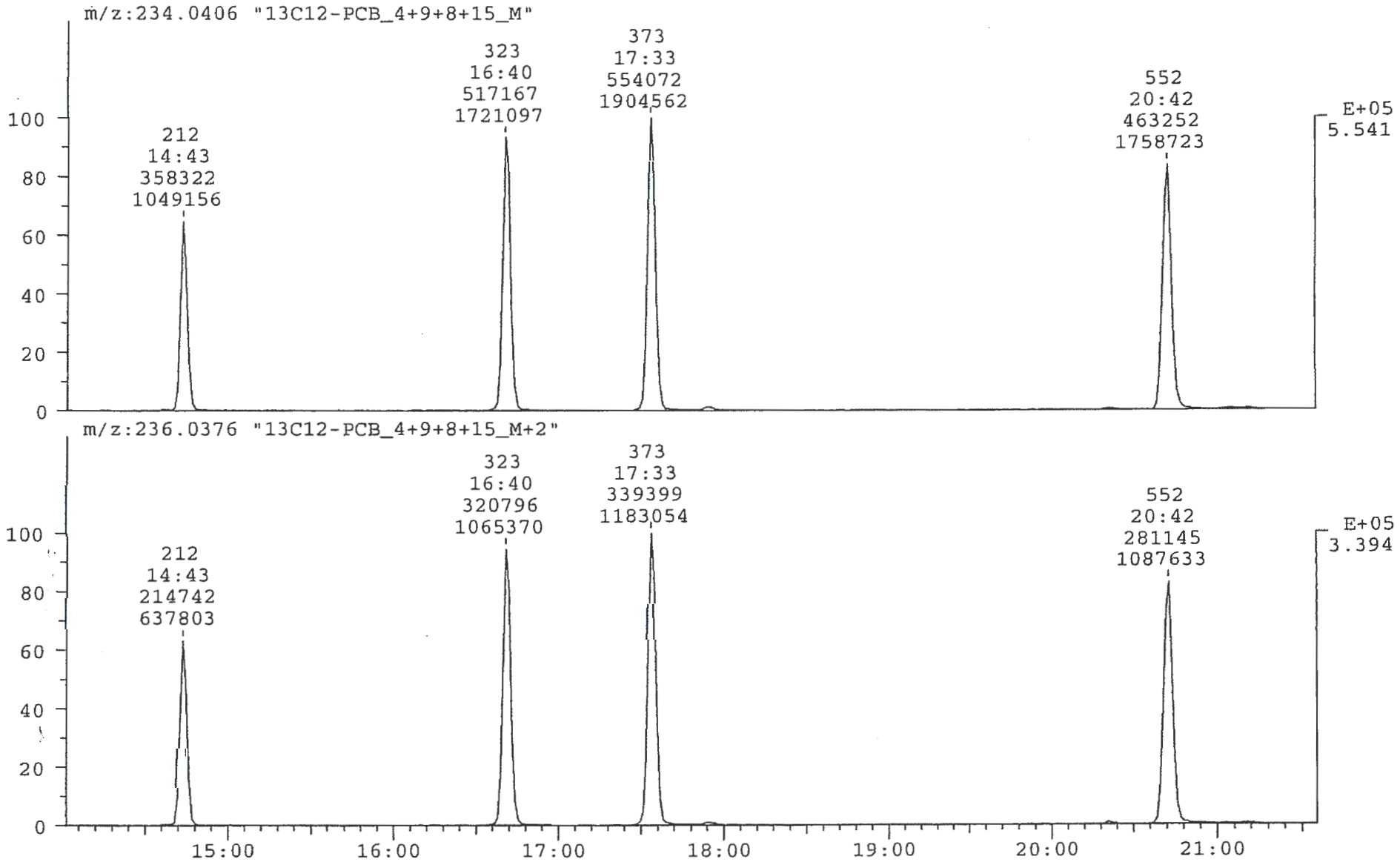
```
CHRO:  a07030712                              07-Mar-07   Elapse:  14:16.2      186
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   166 > 206           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



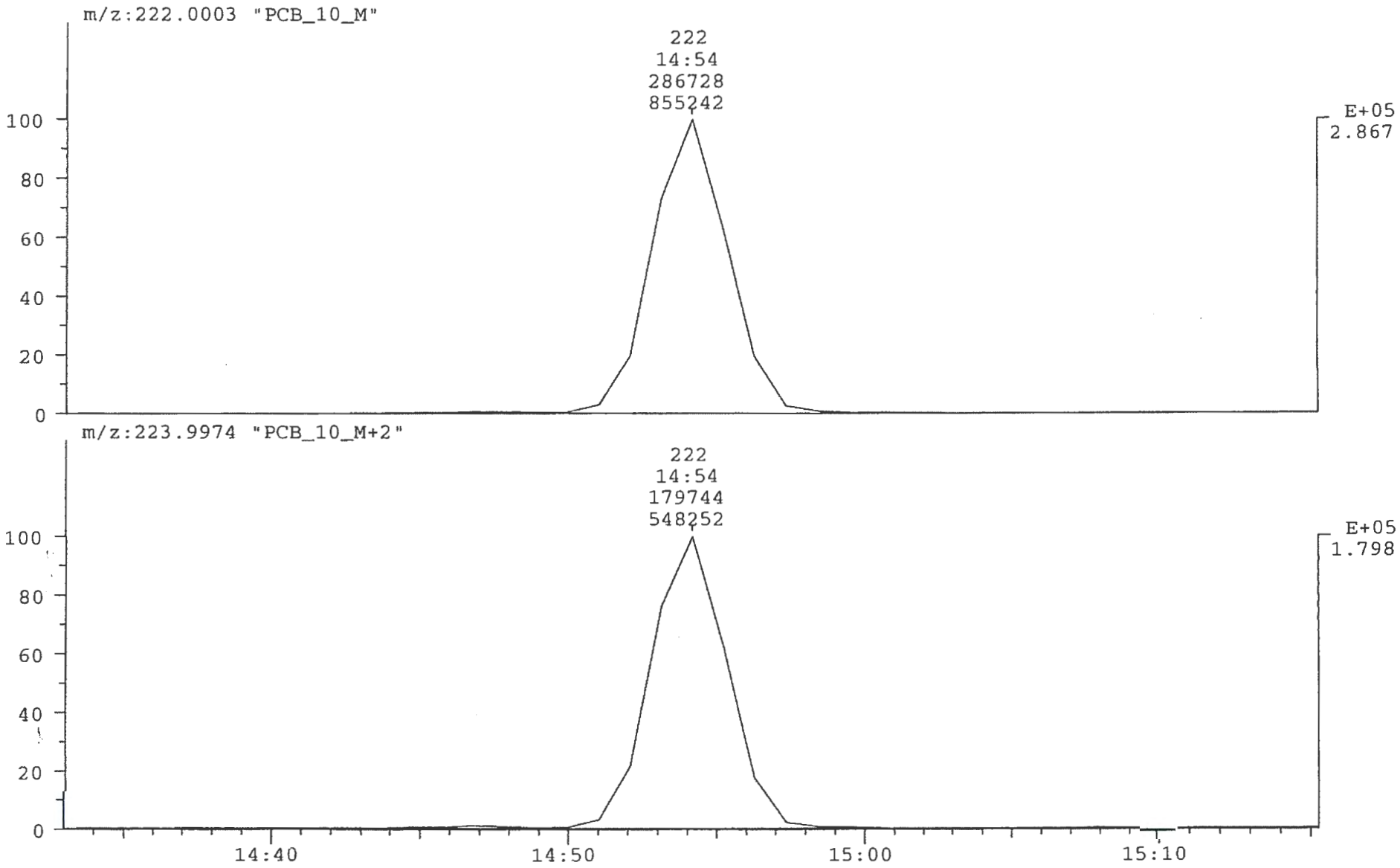
CHRO: a07030712 07-Mar-07 Elapse: 17:43.1 382
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



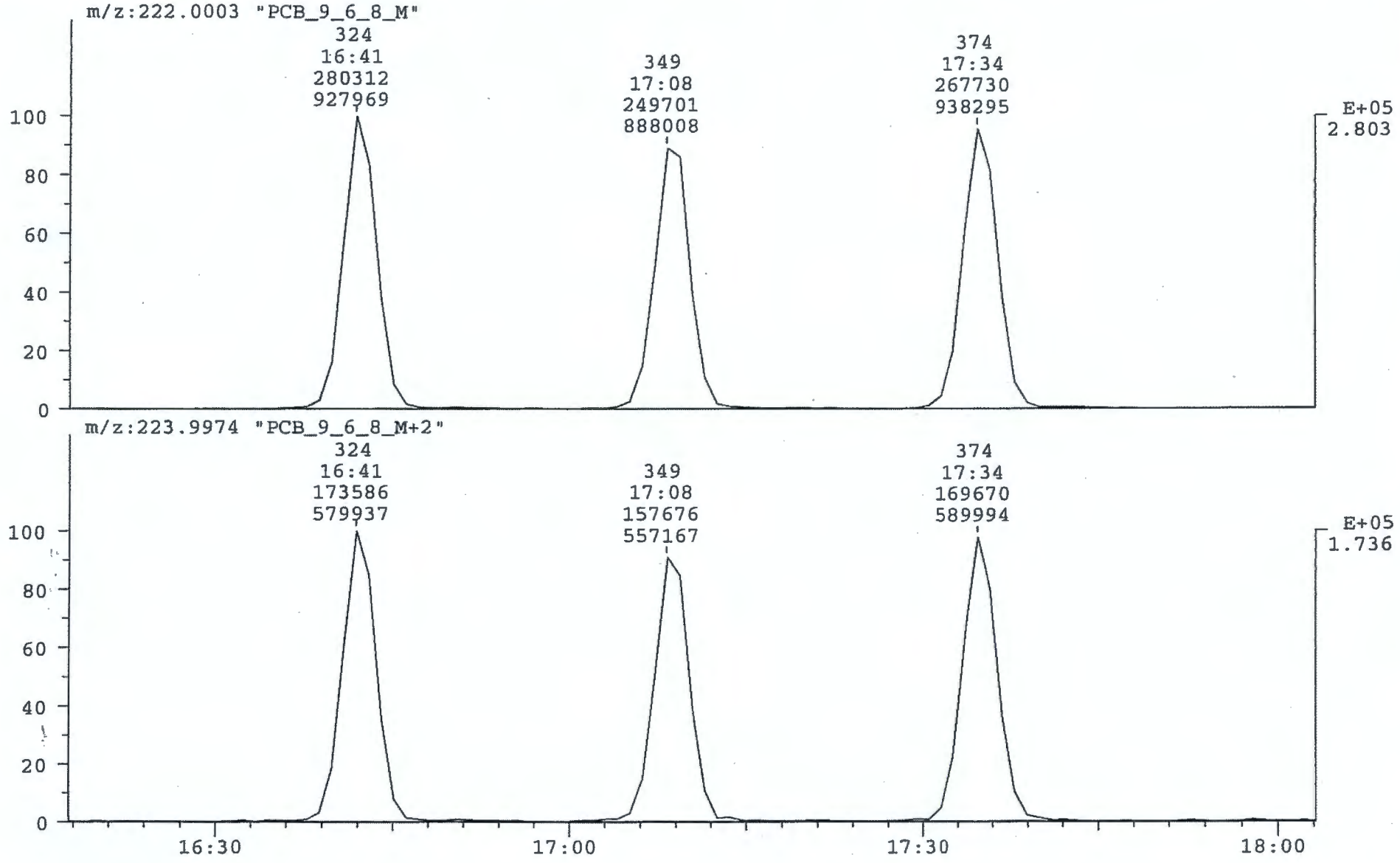
```
CHRO:  a07030712                                07-Mar-07   Elapse:  17:43.1      382
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   3
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
```



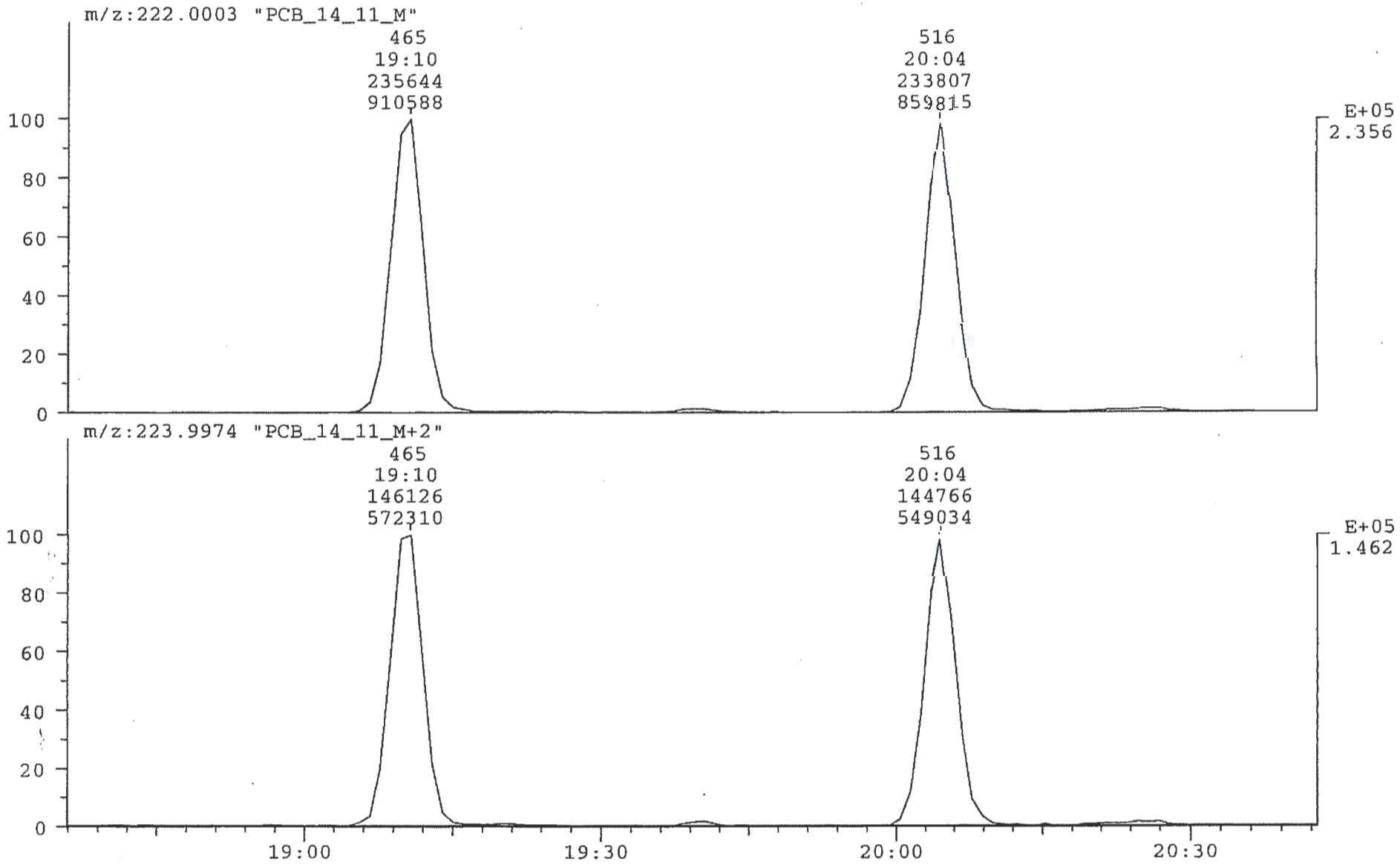
```
CHRO:  a07030712                                07-Mar-07   Elapse:  14:54.2      222
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   202 > 242             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



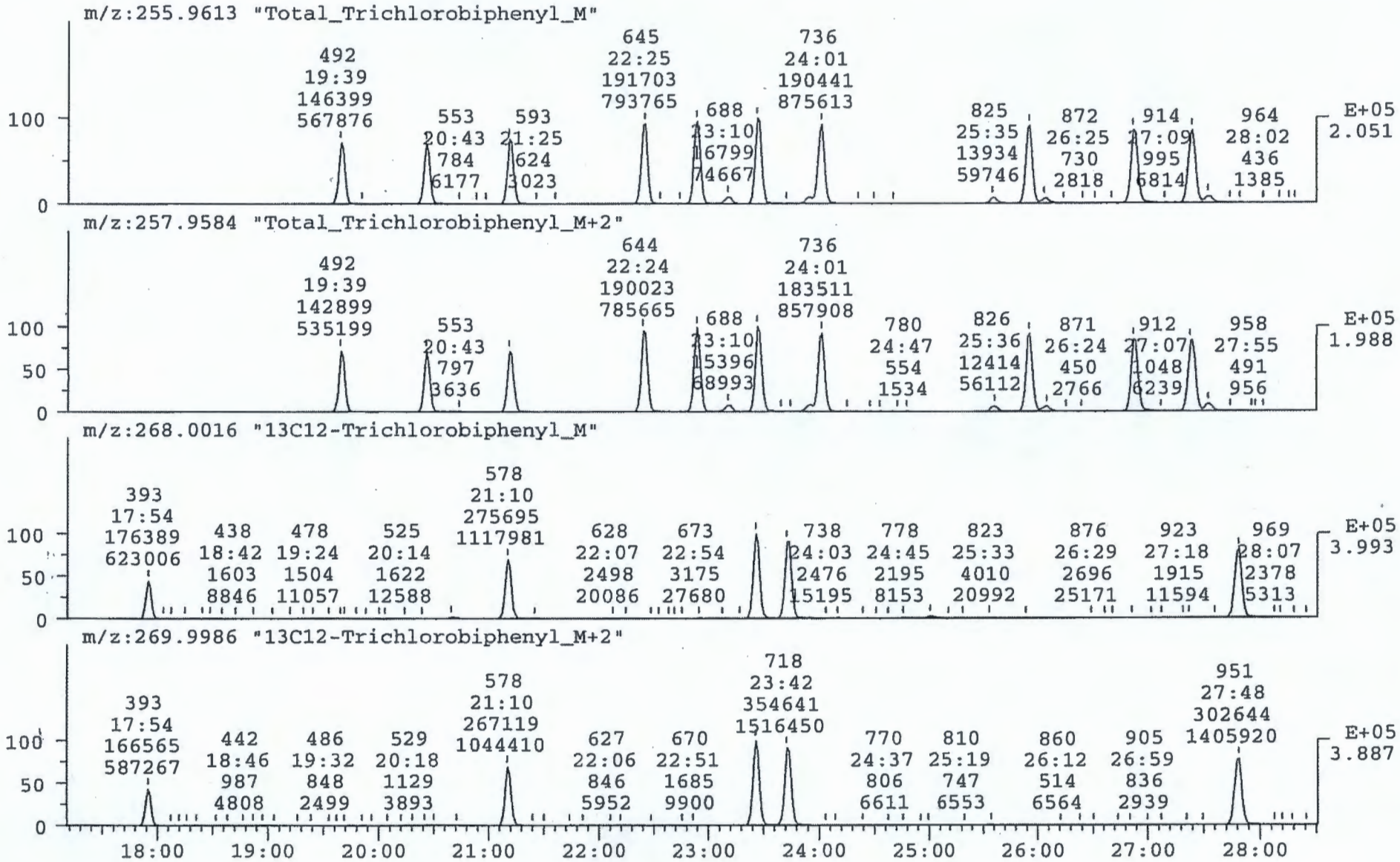
CHRO: a07030712 07-Mar-07 Elapse: 17:10.4 351
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 301 > 401 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



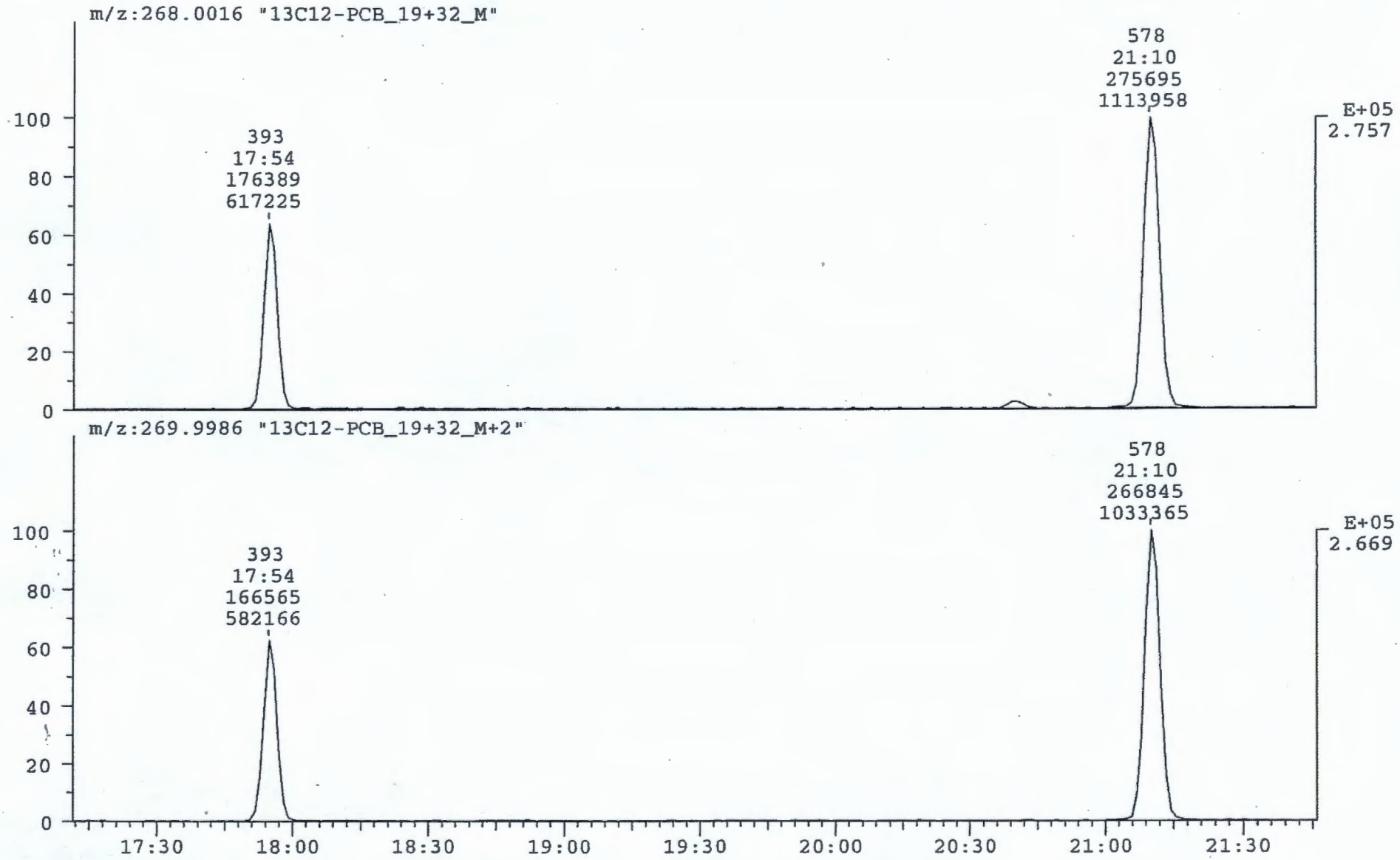
```
CHRO:  a07030712                                07-Mar-07   Elapse:  19:39.3      492
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   432 > 552             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



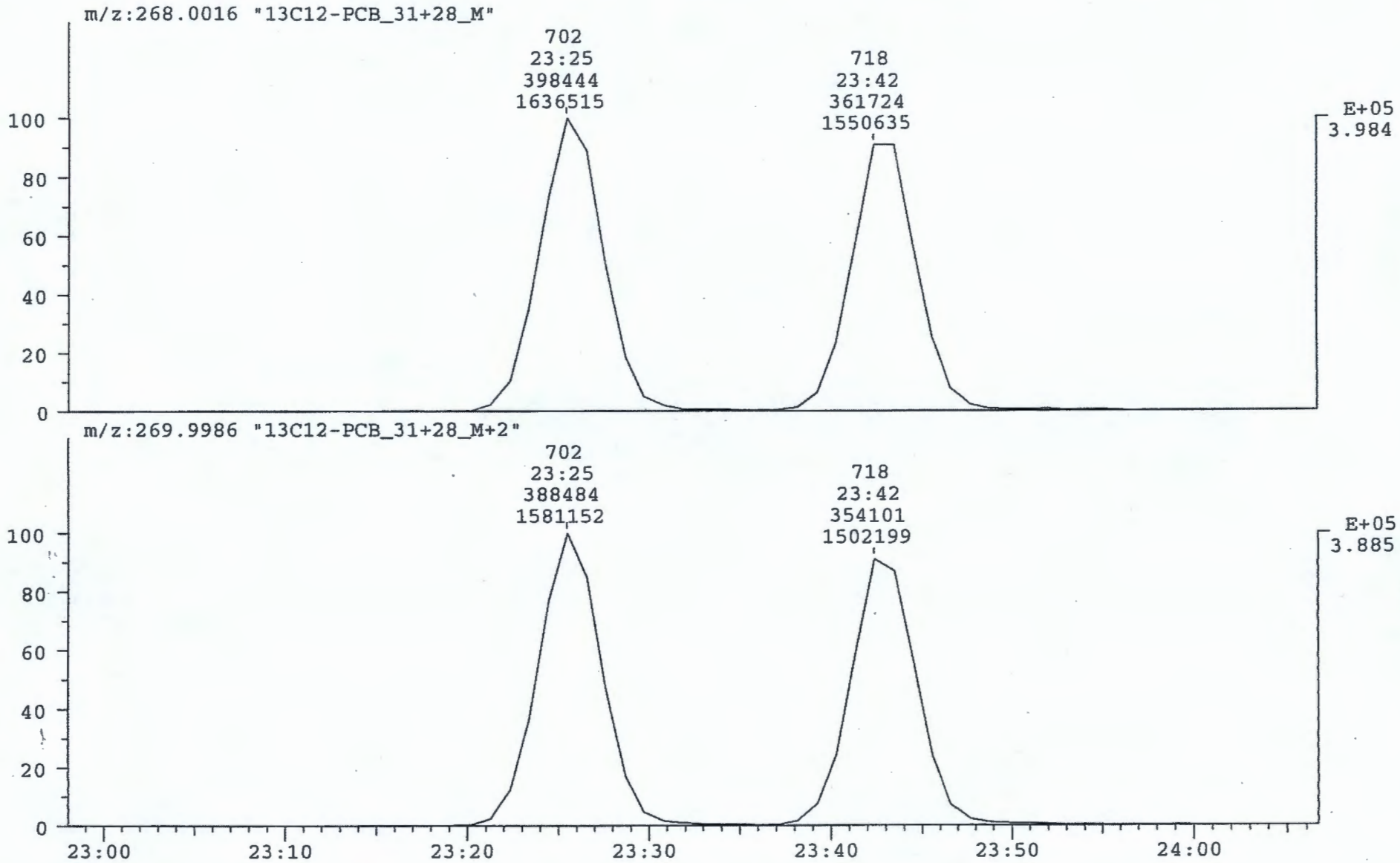
CHRO: a07030712 07-Mar-07 Elapse: 22:52.8 671
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 351 > 991 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



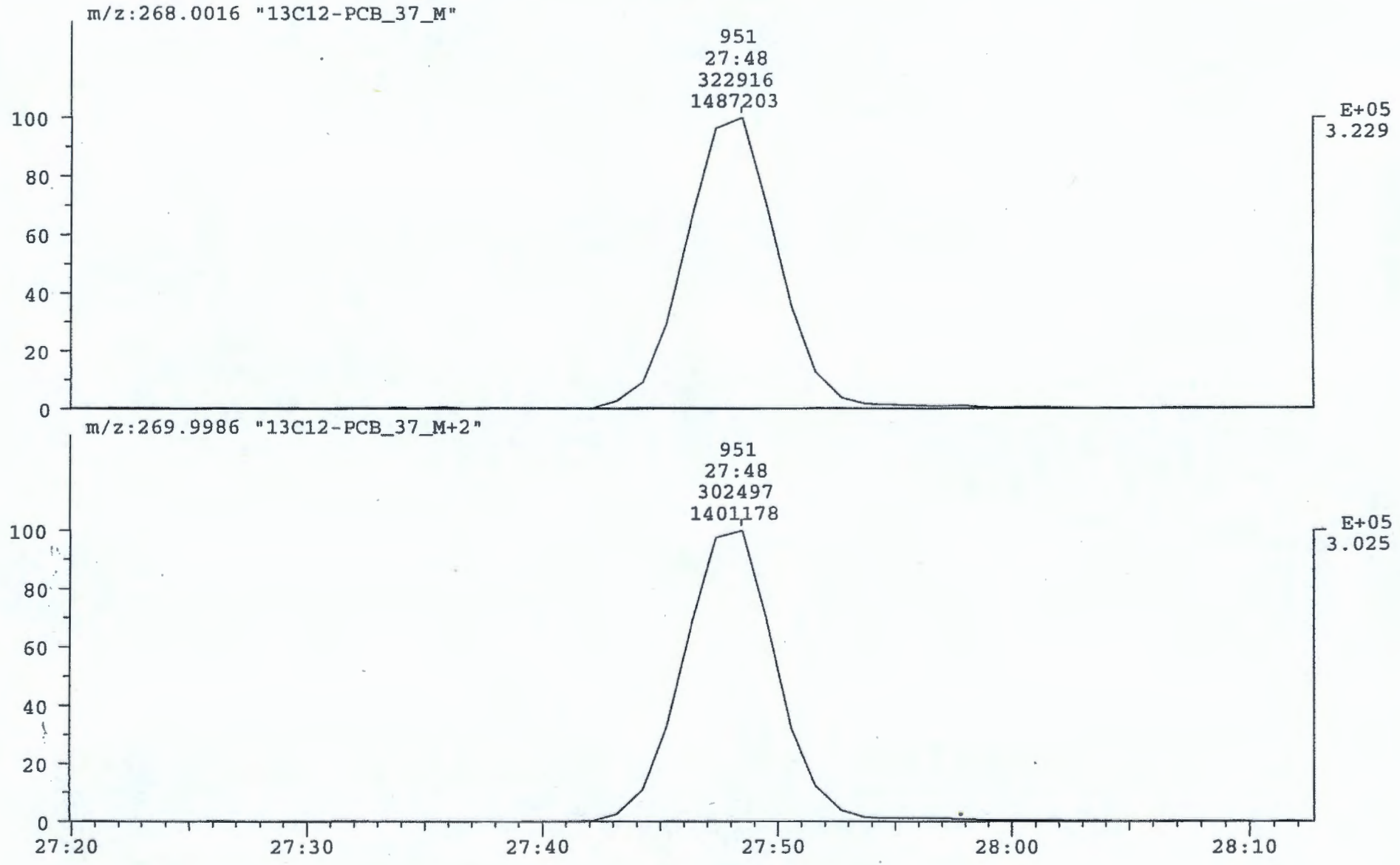
```
CHRO:  a07030712                              07-Mar-07   Elapse:  19:18.1      472
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
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
```



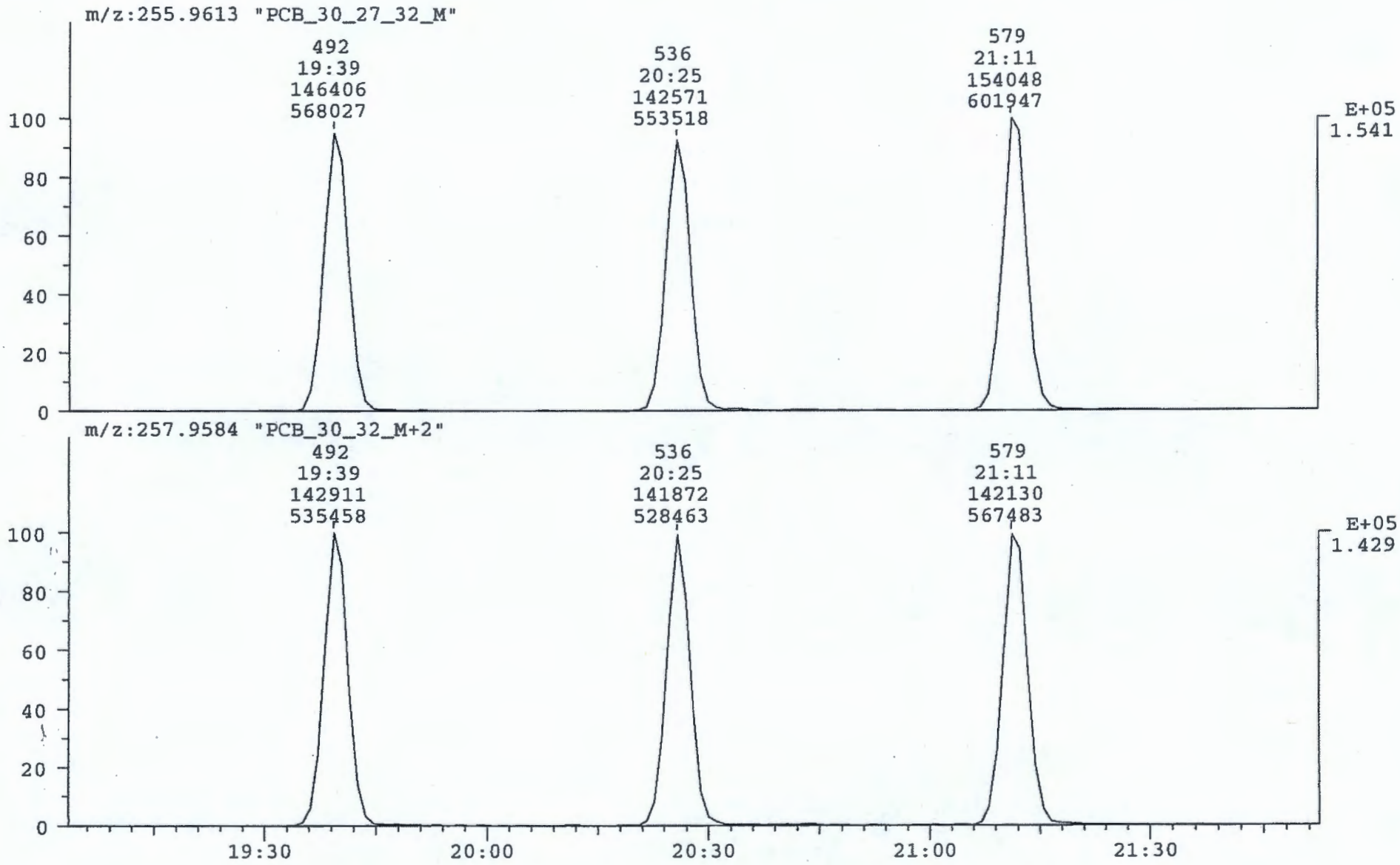
```
CHRO:  a07030712                                07-Mar-07  Elapse:  23:24.4      701
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   676 > 741           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



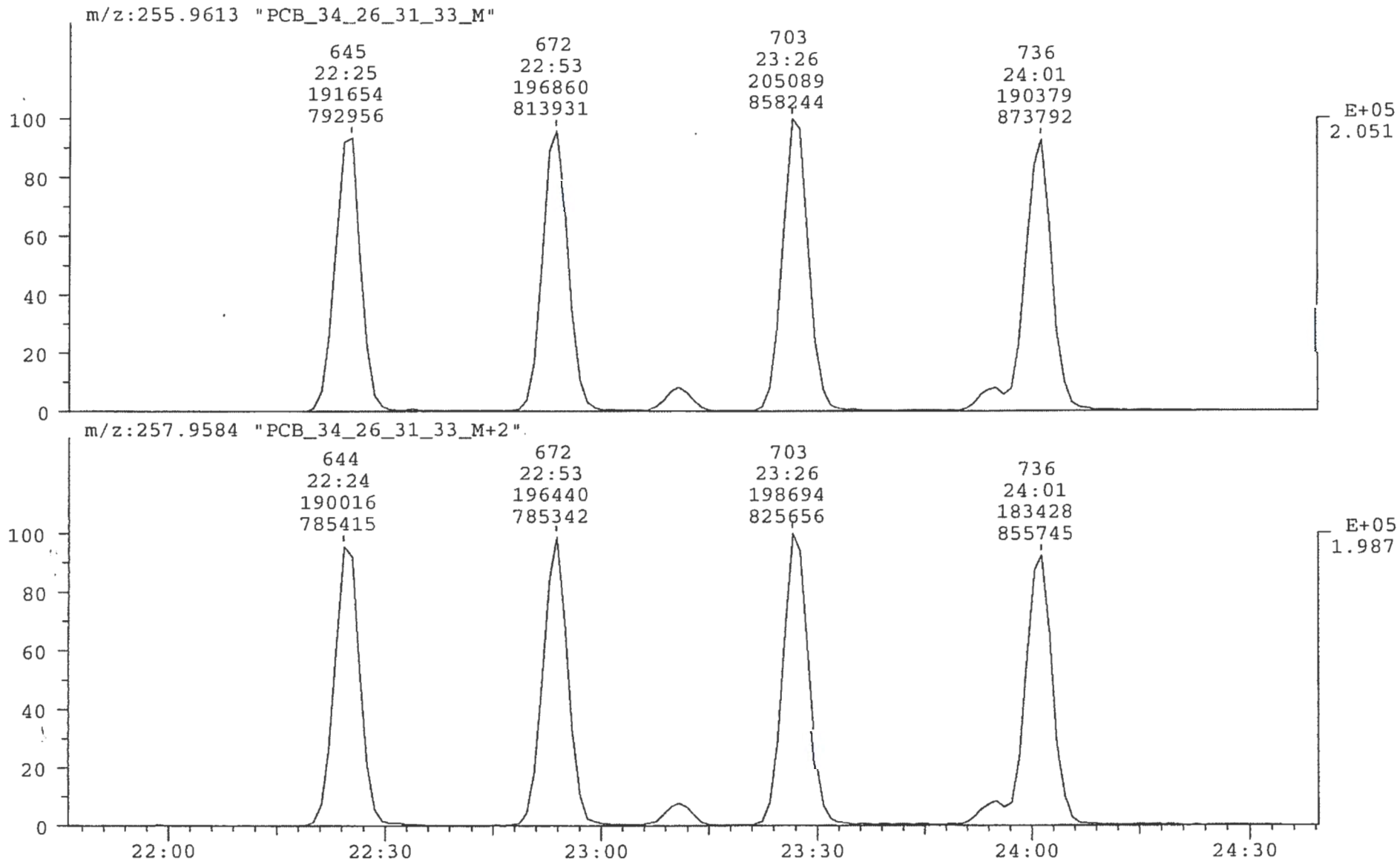
CHRO: a07030712 07-Mar-07 Elapse: 27:46.3 949
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 924 > 974 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



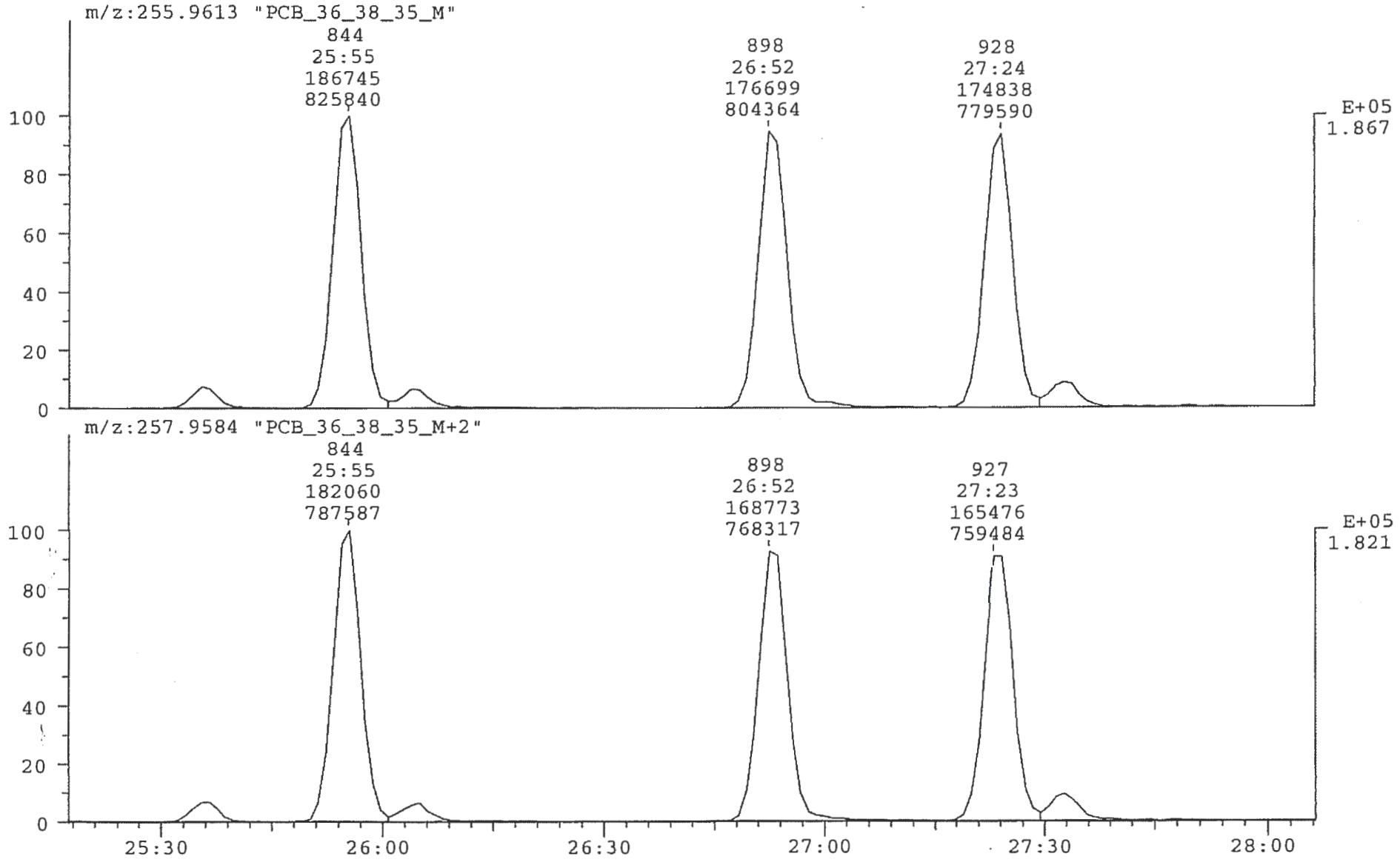
CHRO: a07030712 07-Mar-07 Elapse: 20:27.8 538
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 458 > 618 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



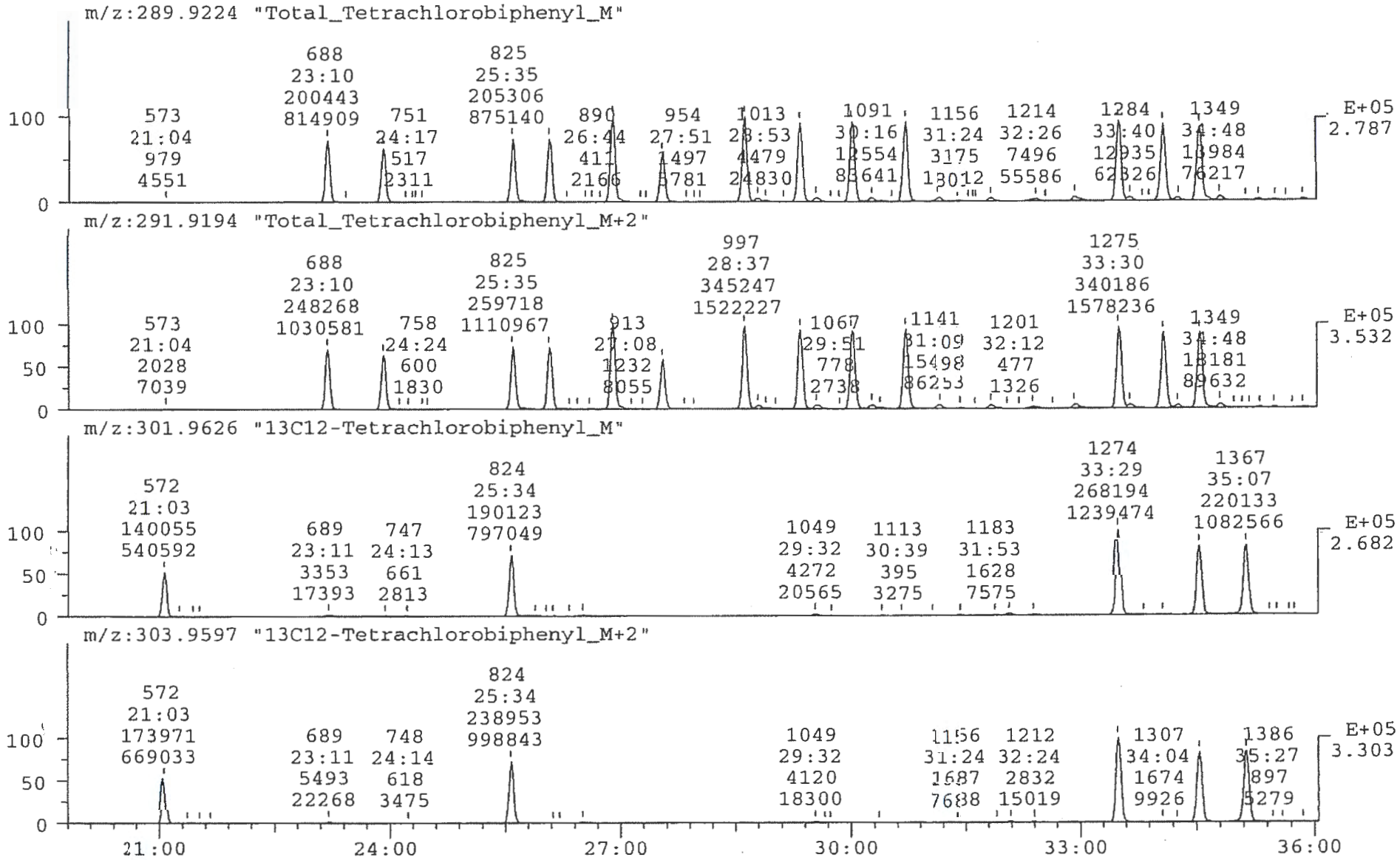
```
CHRO:  a07030712                              07-Mar-07   Elapse:  23:14.9      692
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   612 > 772           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



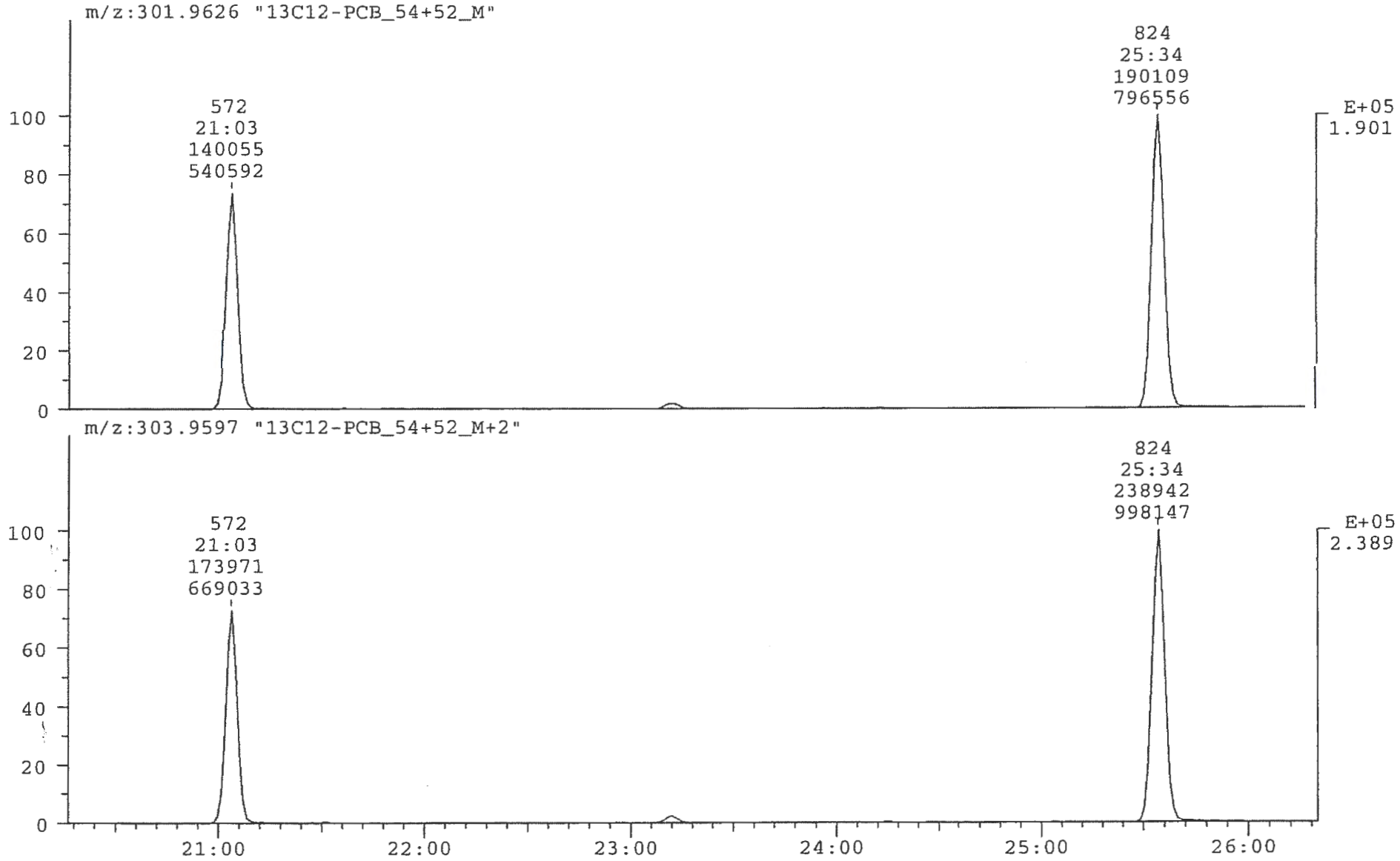
```
CHRO:  a07030712                                07-Mar-07  Elapse:  26:41.9      888
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   808 > 968           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



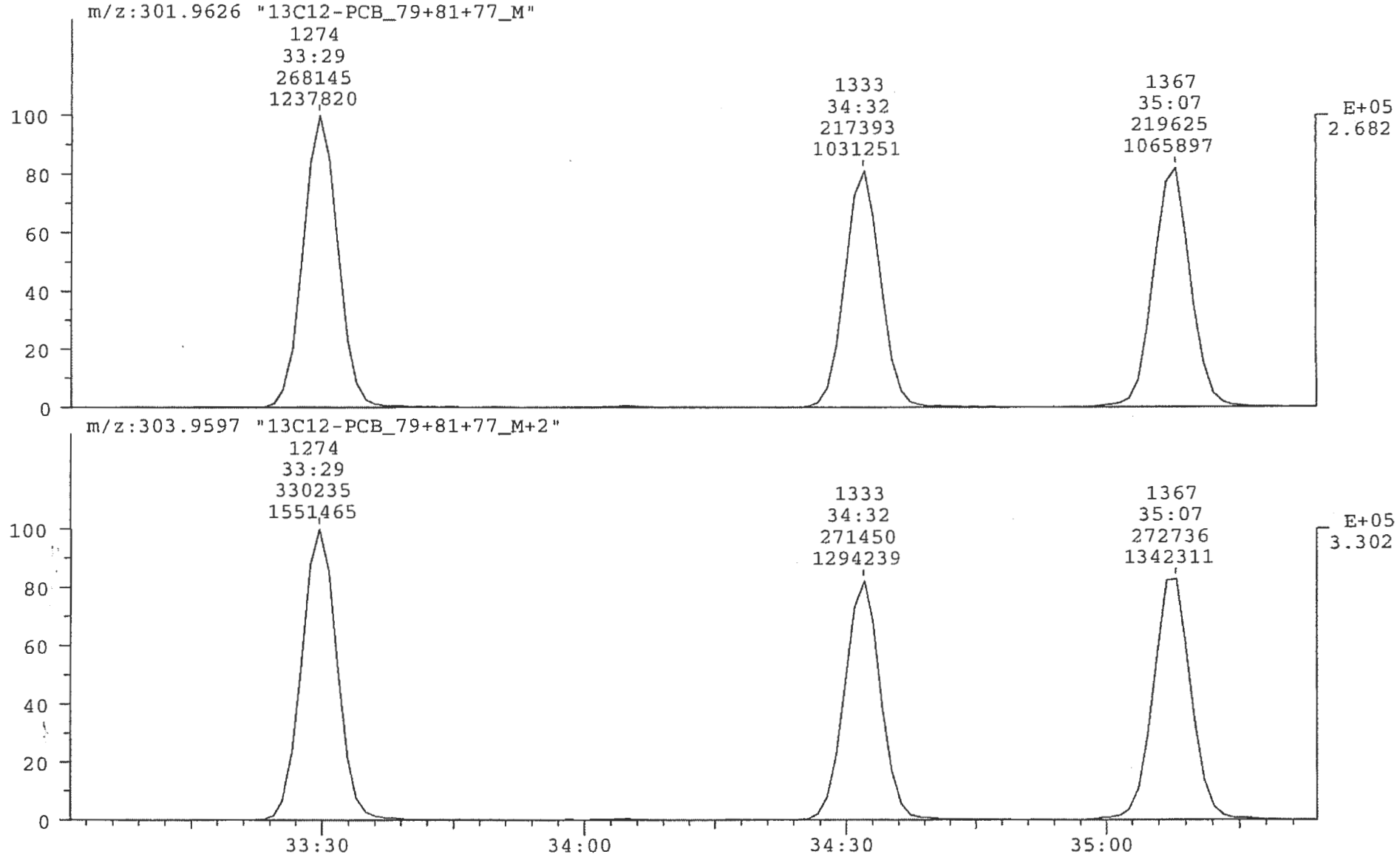
CHRO: a07030712 07-Mar-07 Elapse: 27:54.8 957
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 500 > 1419 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



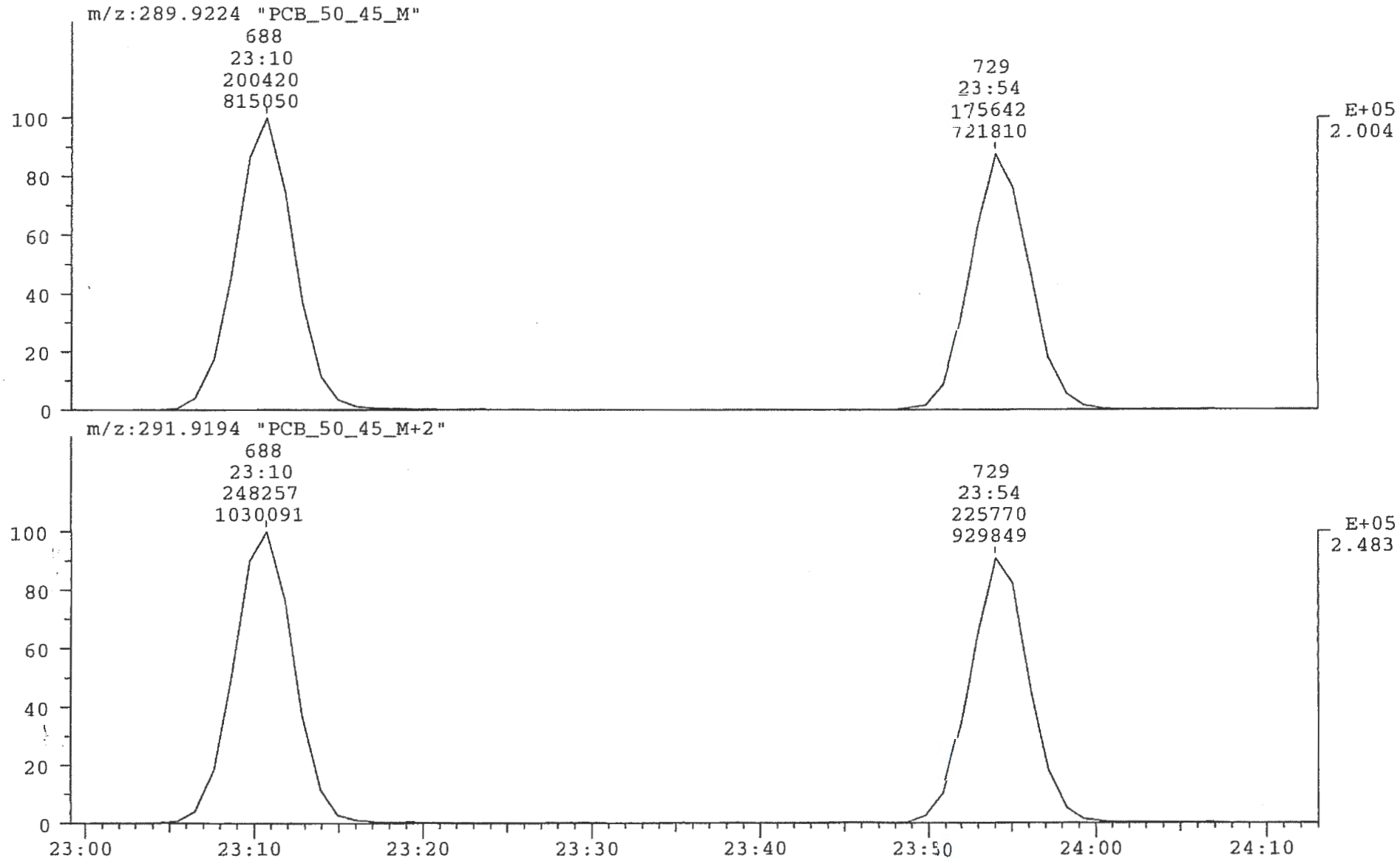
```
CHRO:  a07030712                                07-Mar-07   Elapse:  23:20.2      697
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



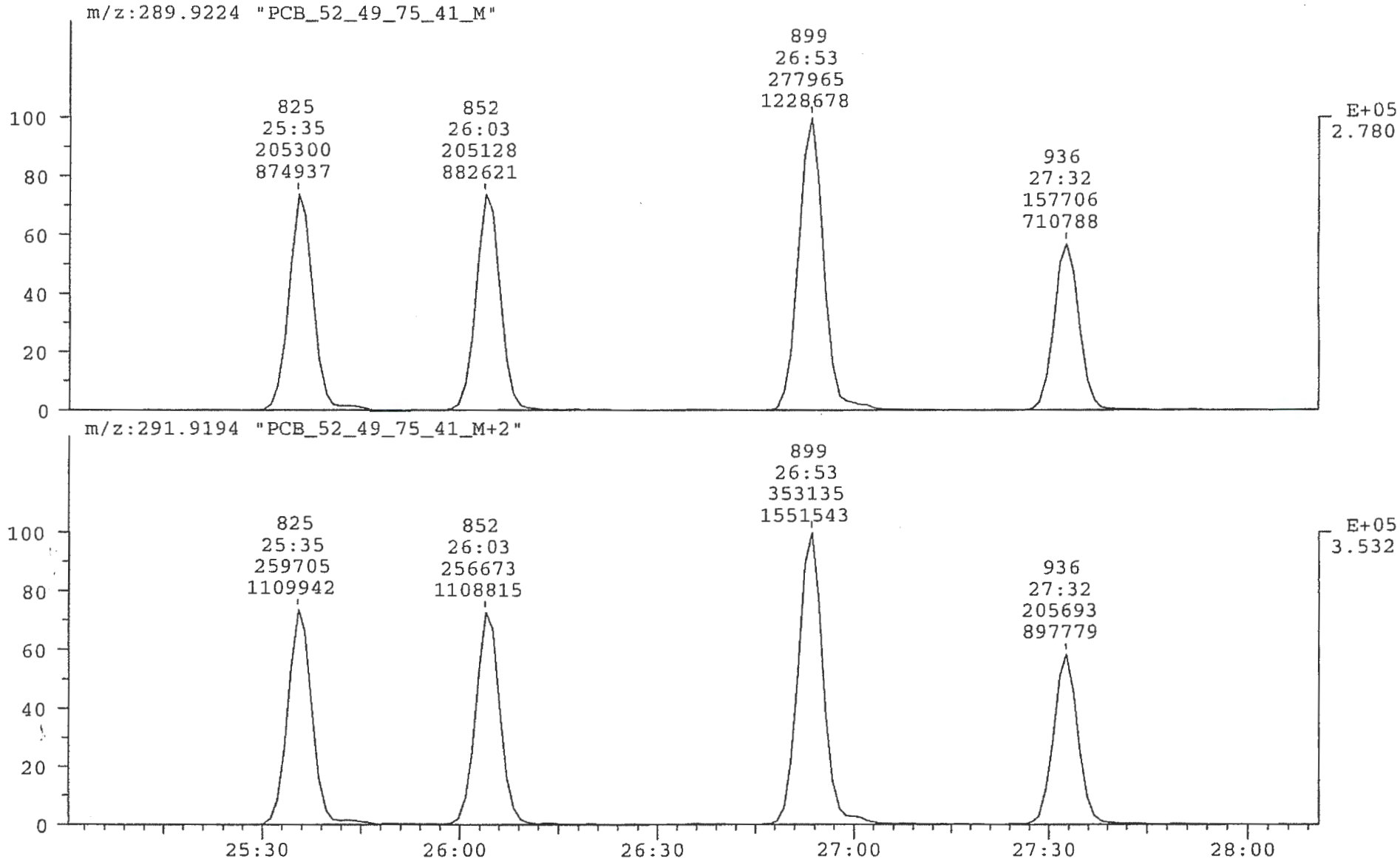
CHRO: a07030712 07-Mar-07 Elapse: 34:15 1317
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=mid/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1247 > 1382 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



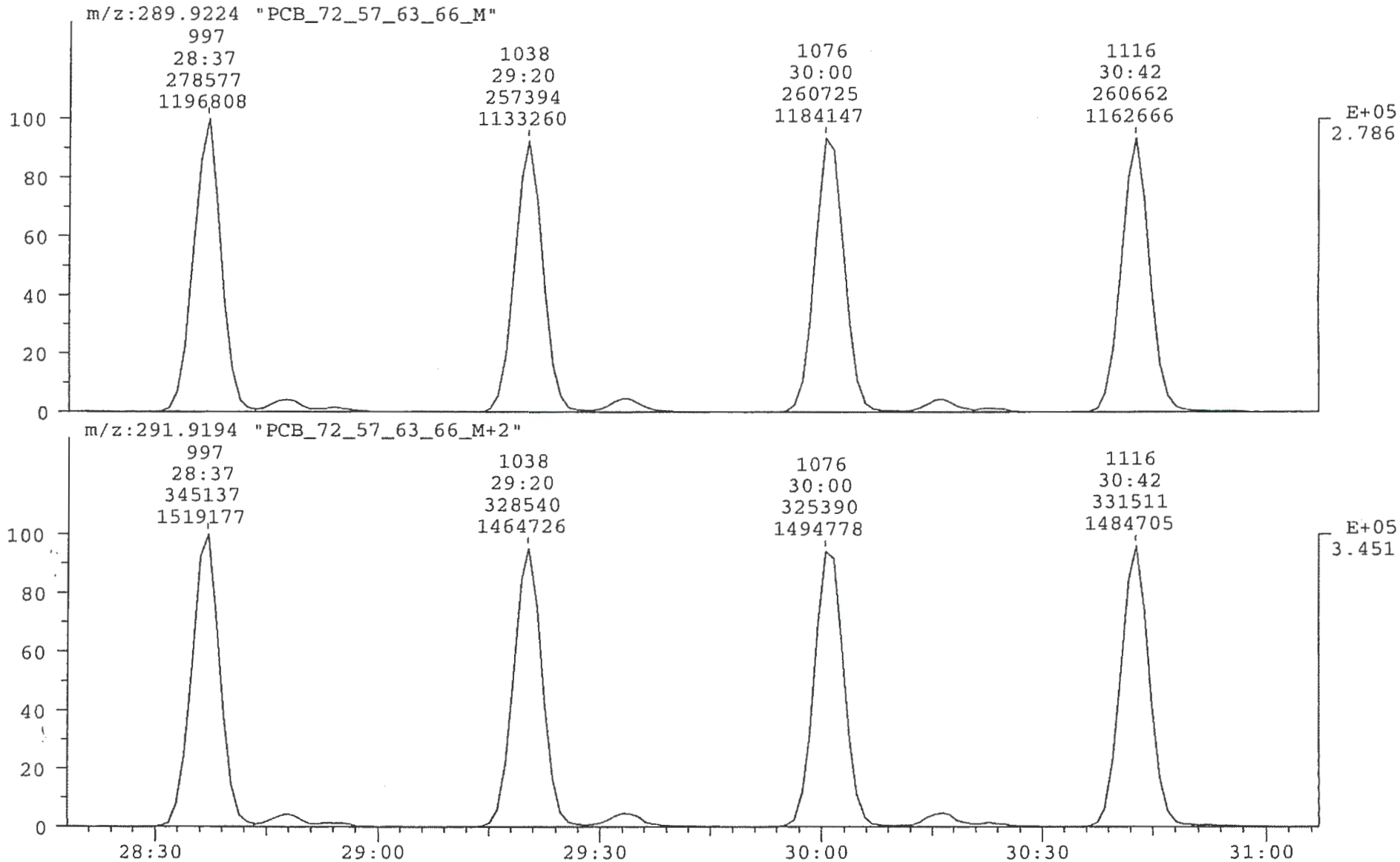
```
CHRO:  a07030712                                07-Mar-07   Elapse:  23:41.3      717
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   677 > 747             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



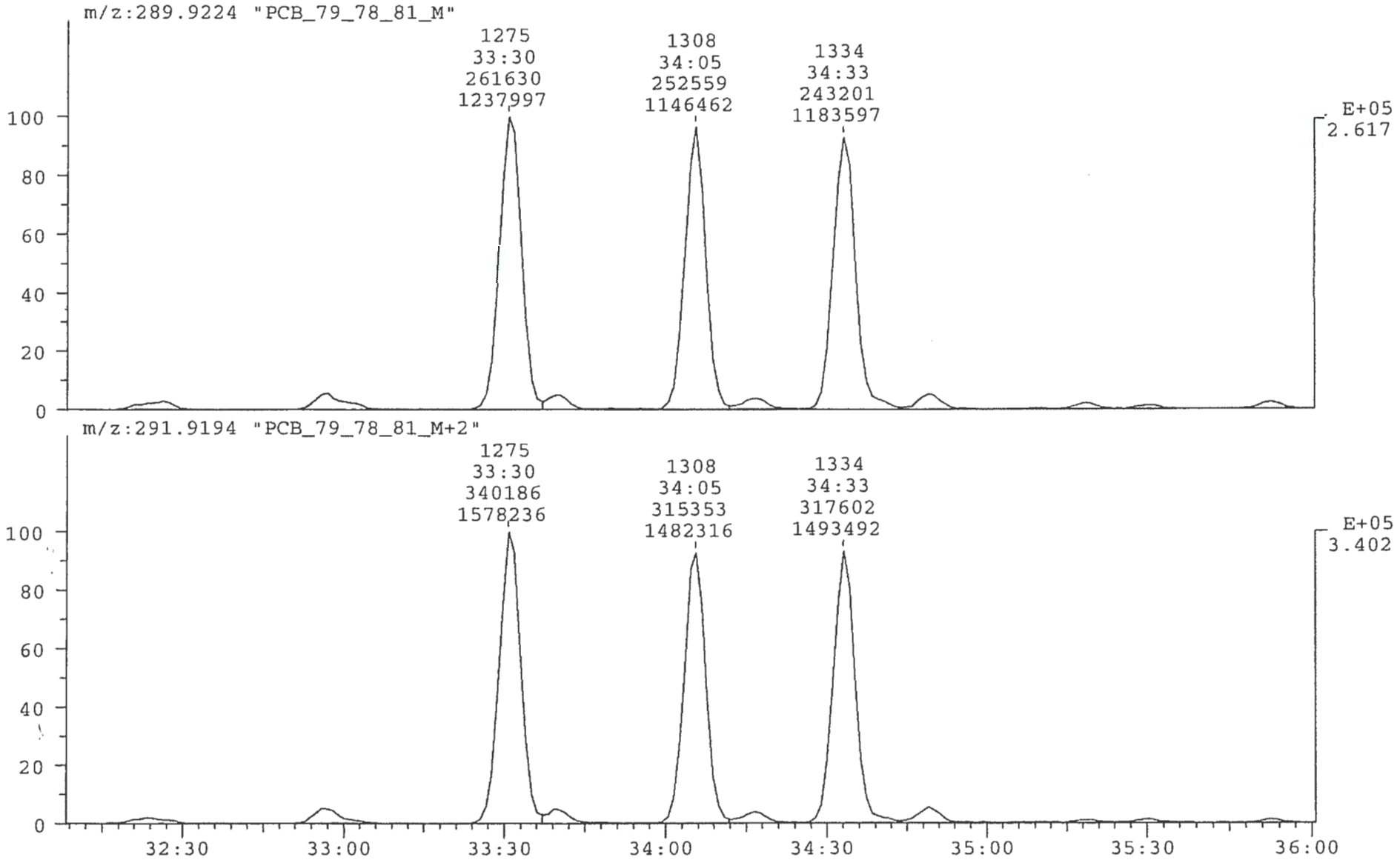
```
CHRO:  a07030712                                07-Mar-07   Elapse:  26:35.5      882
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05    2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   792 > 972             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



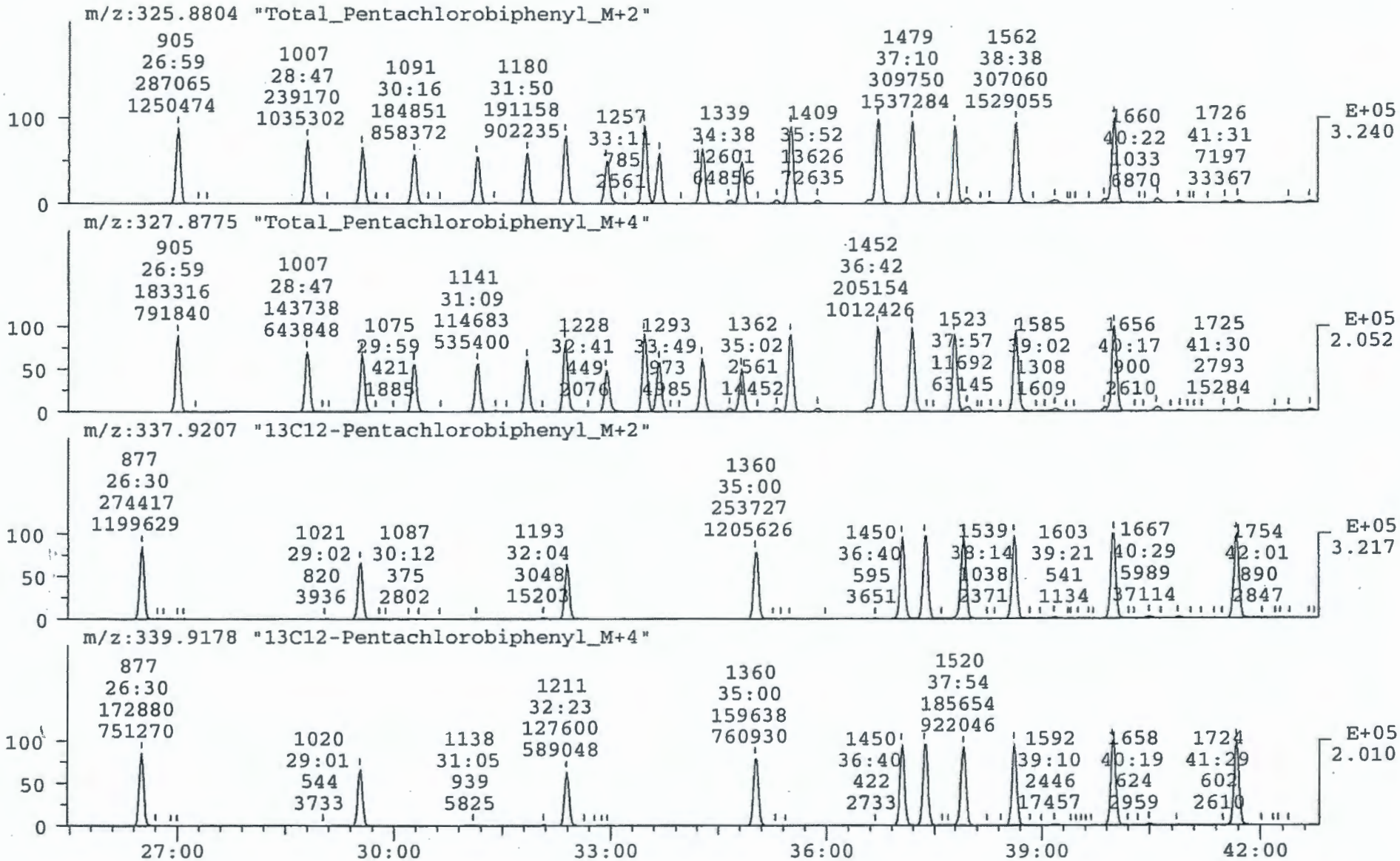
```
CHRO:  a07030712                          07-Mar-07   Elapse:  29:42      1059
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1           Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                      Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville            Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   979 > 1139       Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3           Label :  -3, 3.0
Disp:  Height  Area
```



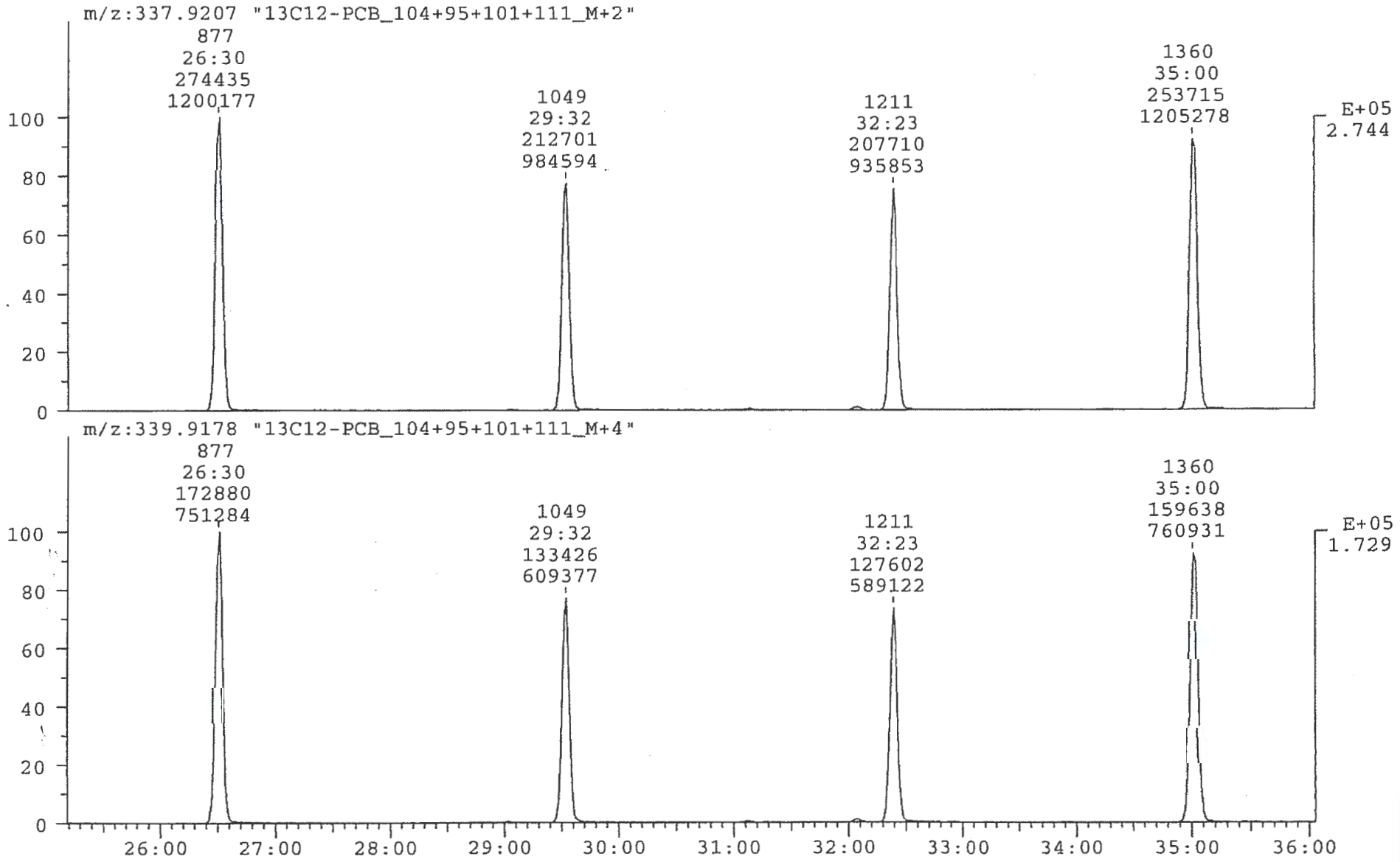
CHRO: a07030712 07-Mar-07 Elapse: 34:04 1307
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1197 > 1417 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



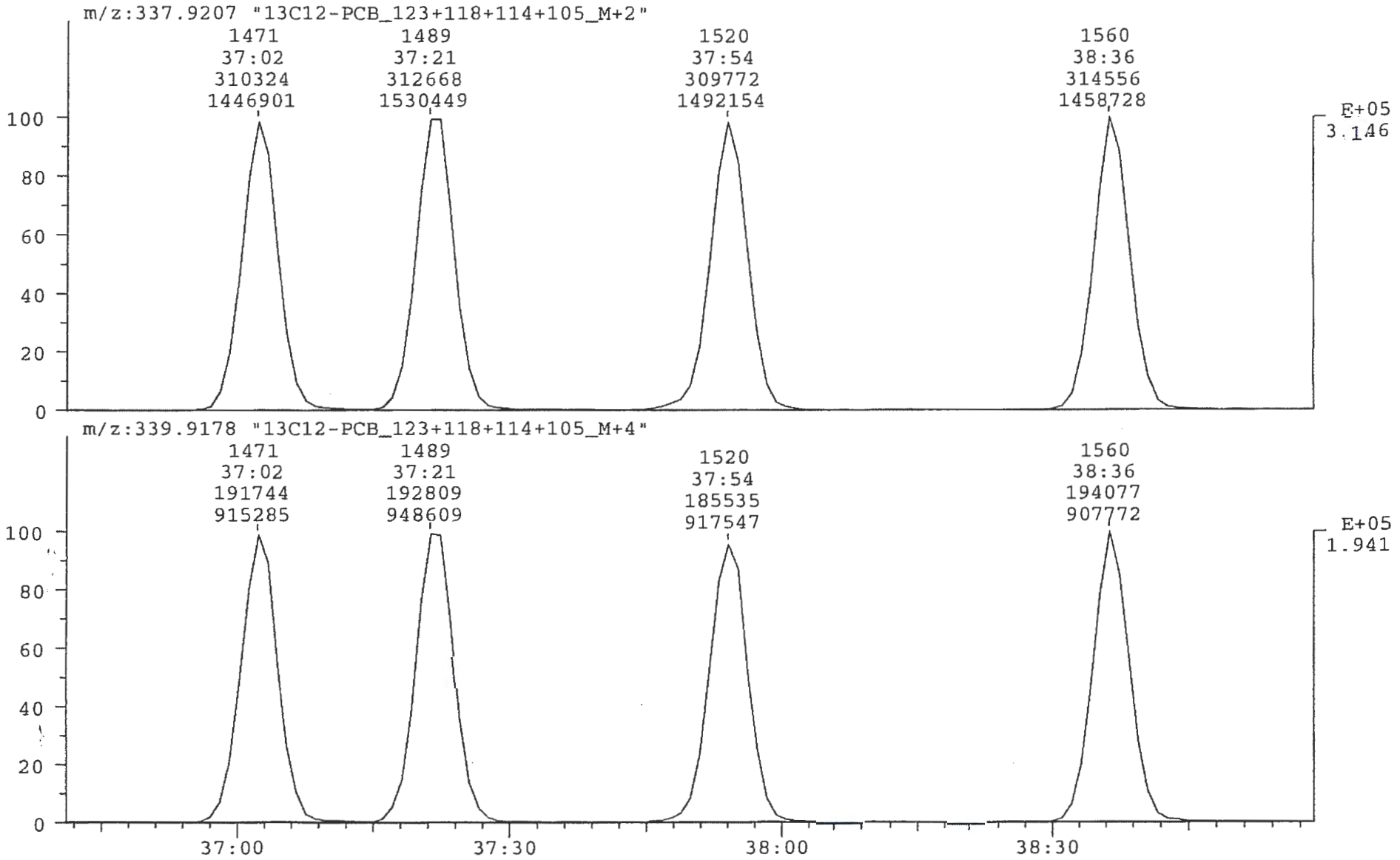
CHRO: a07030712 07-Mar-07 Elapse: 34:07 1310
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 818 > 1798 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



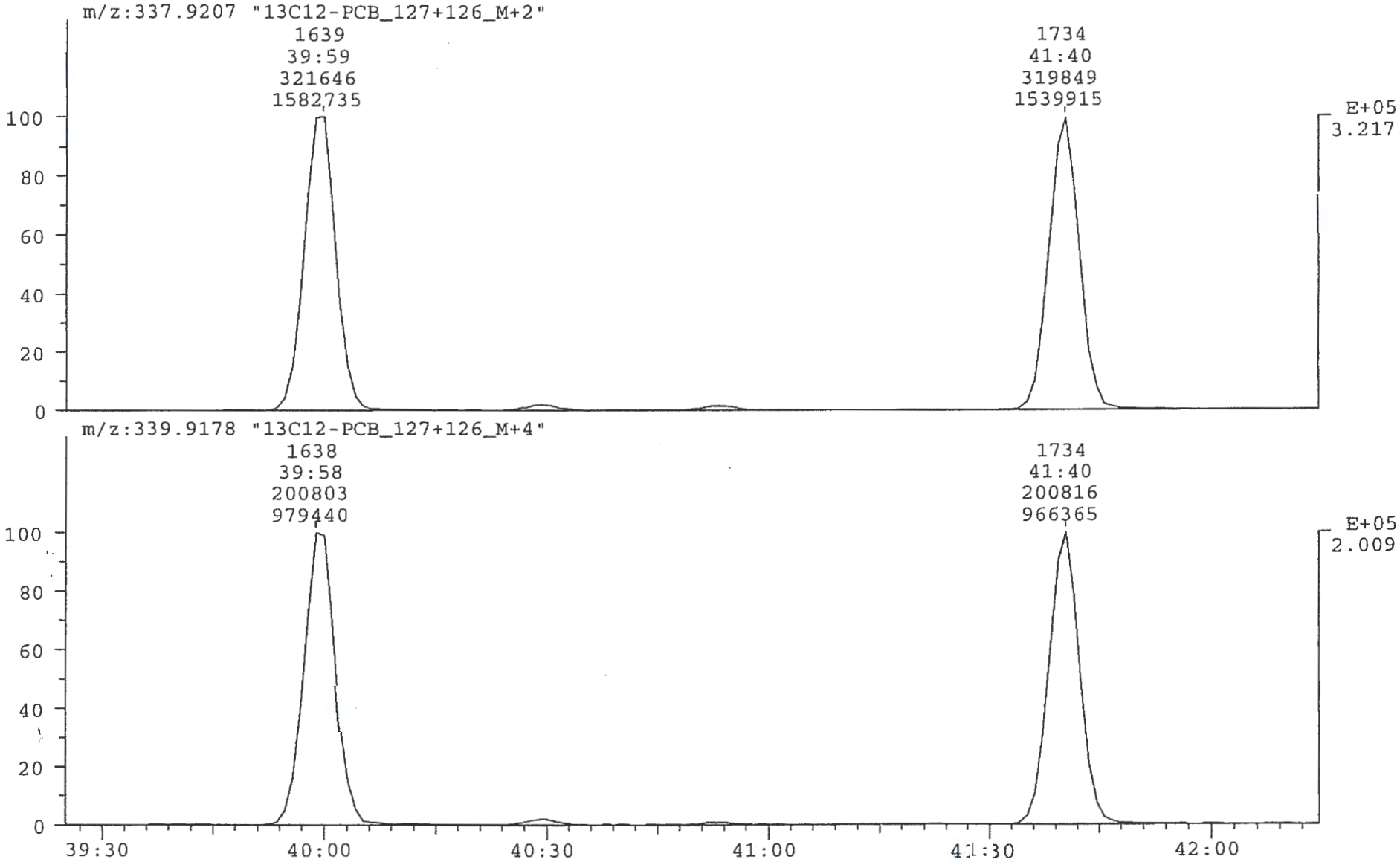
```
CHRO:  a07030712                                07-Mar-07   Elapse:  30:37      1111
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   802 > 1419            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



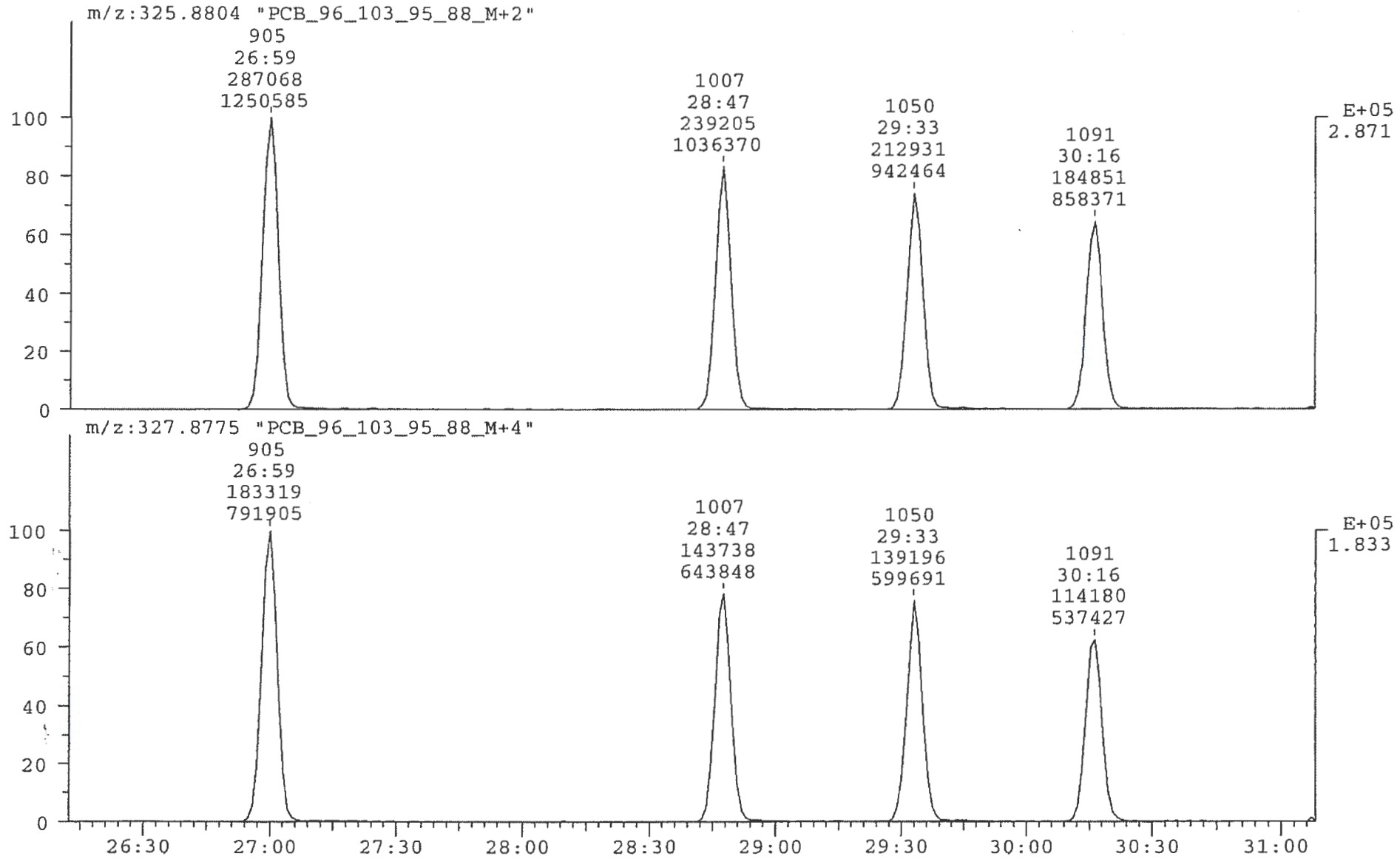
```
CHRO:  a07030712                                07-Mar-07   Elapse:  37:49      1516
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



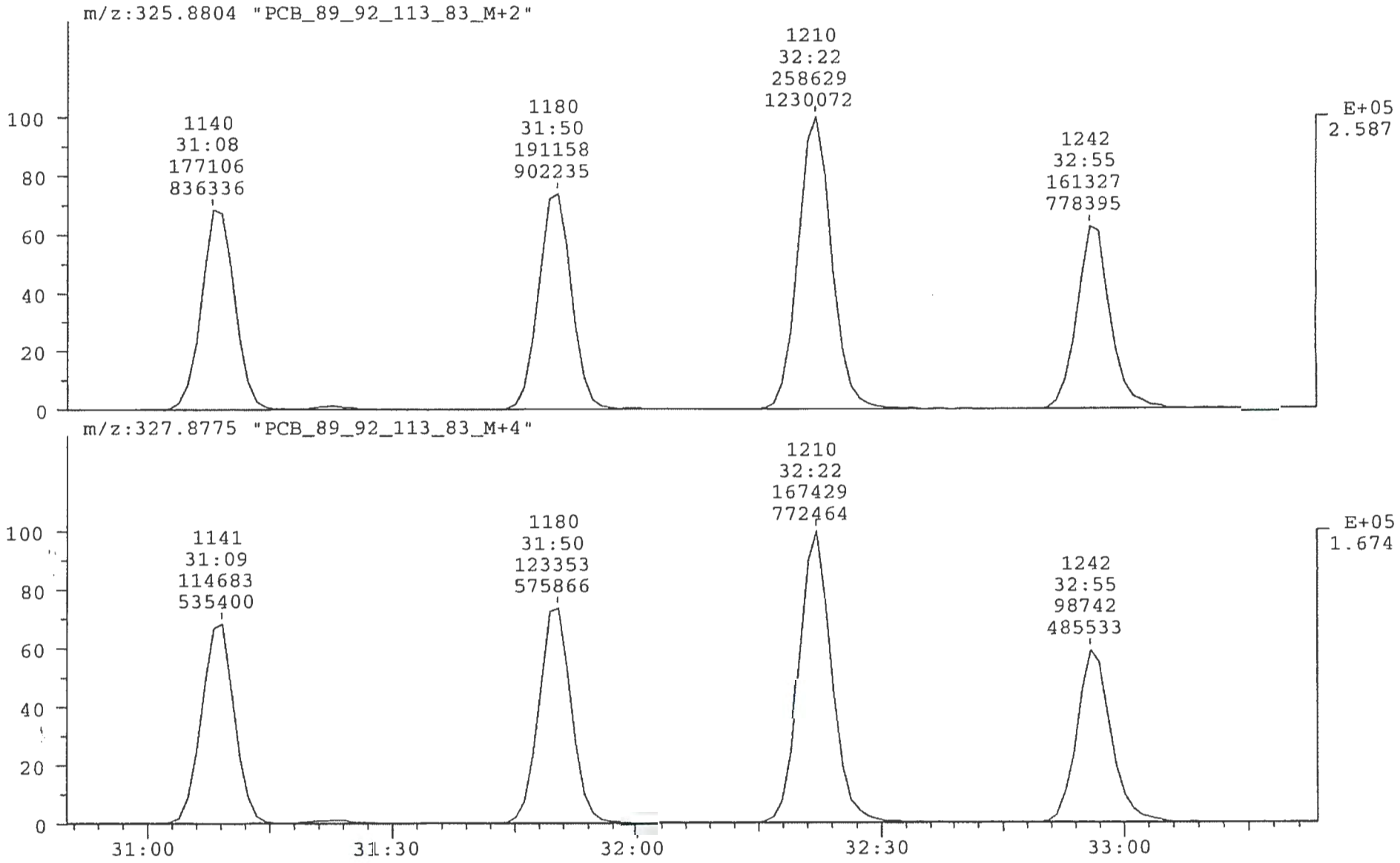
```
CHRO:  a07030712                                07-Mar-07   Elapse:  40:49      1686
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



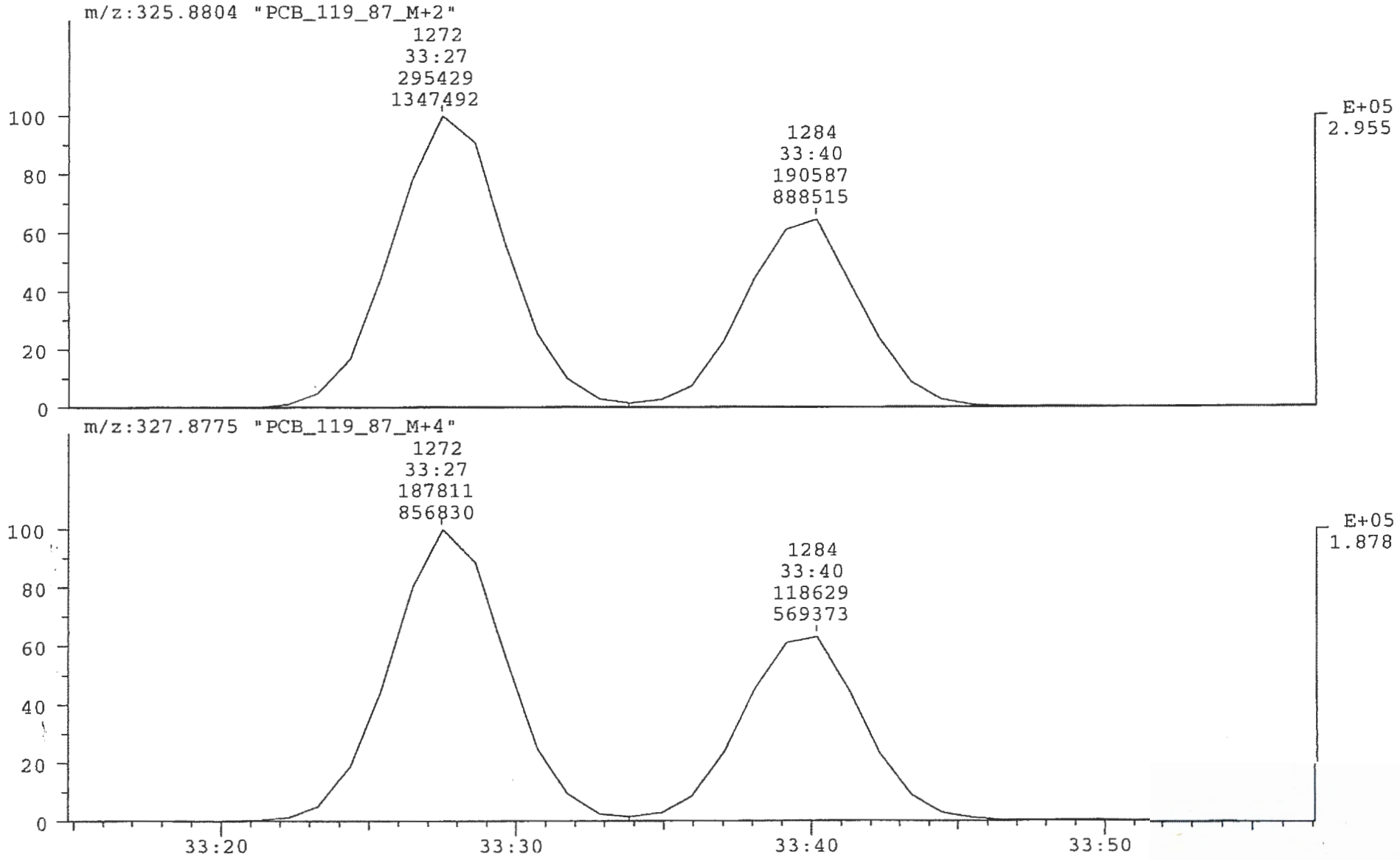
```
CHRO:  a07030712                                07-Mar-07   Elapse:  28:40      1000
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   860 > 1140             Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



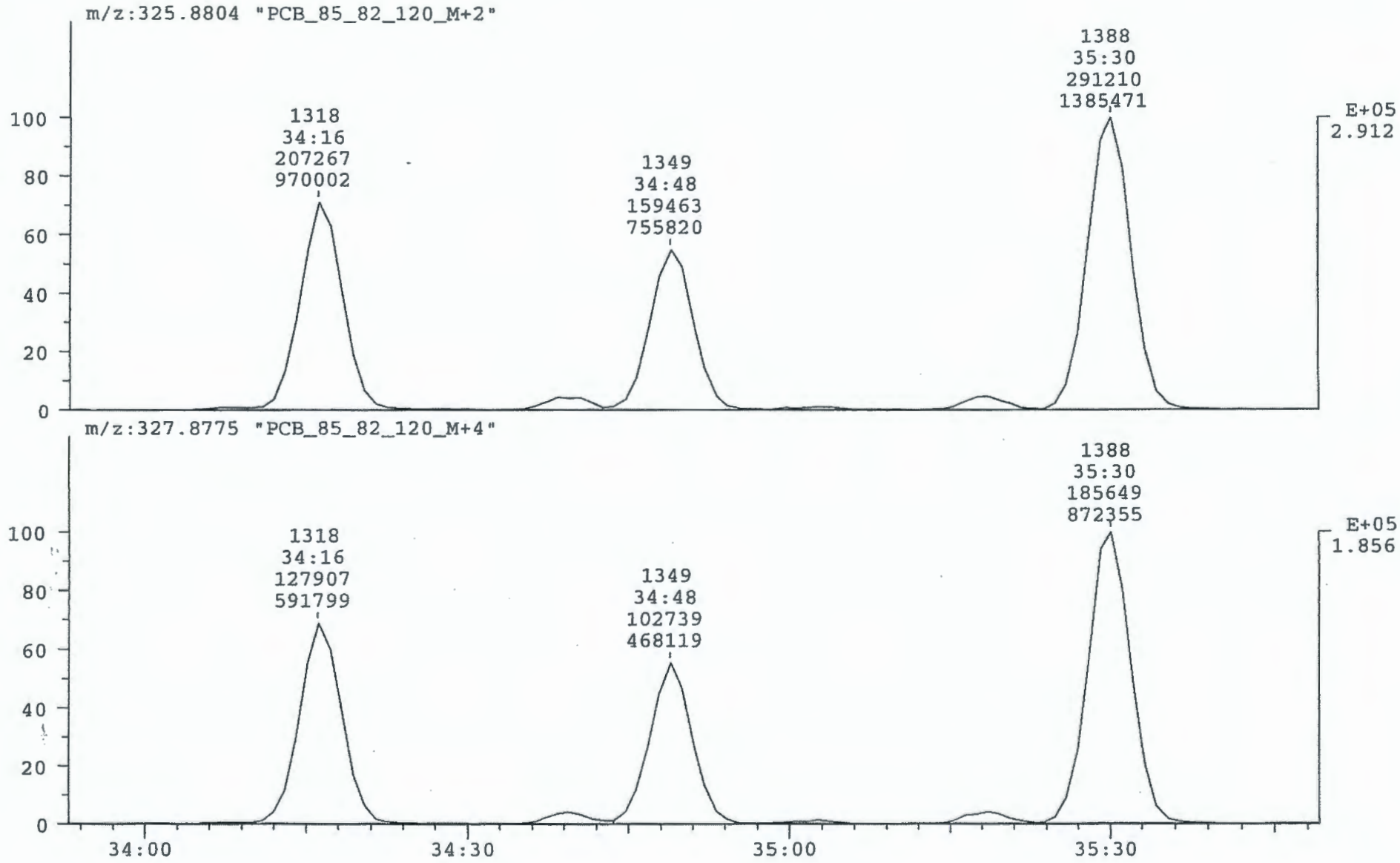
```
CHRO:  a07030712                                07-Mar-07   Elapse:  32:04      1193
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1123 > 1268           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



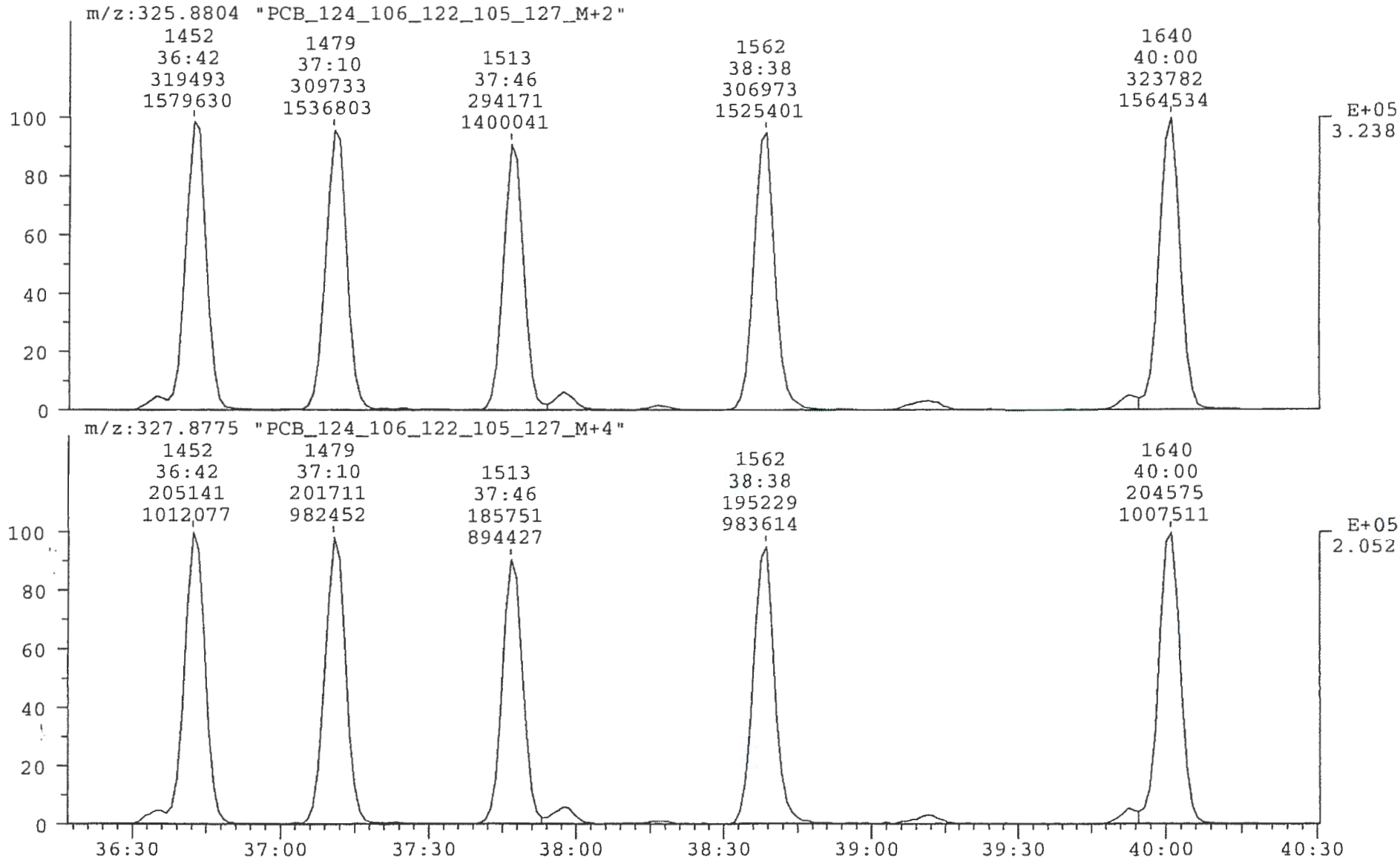
```
CHRO:  a07030712                                07-Mar-07   Elapse:  33:35      1280
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=mid/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1260 > 1300           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



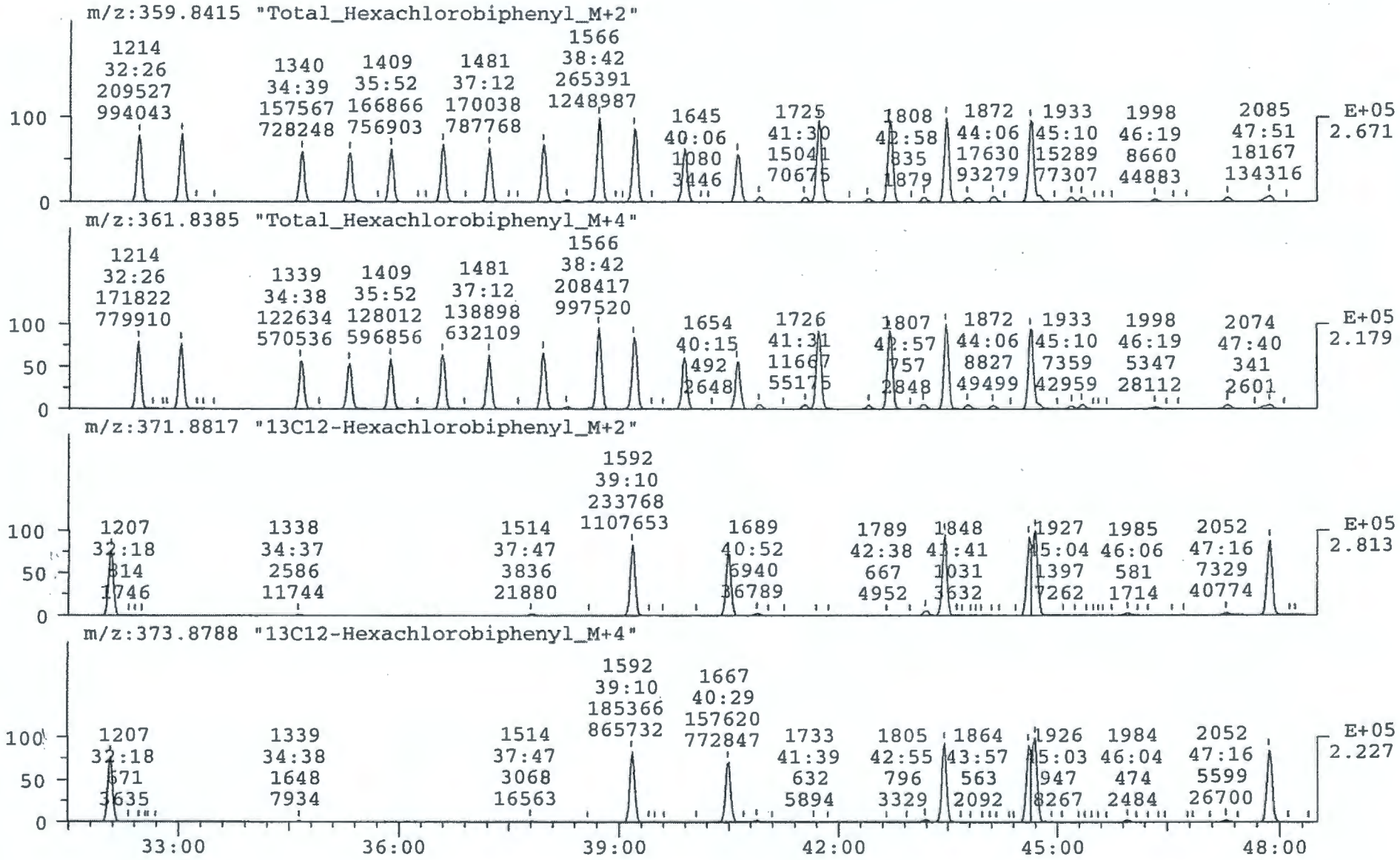
```
CHRO:  a07030712                                07-Mar-07  Elapse:  34:40      1341
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1296 > 1406           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



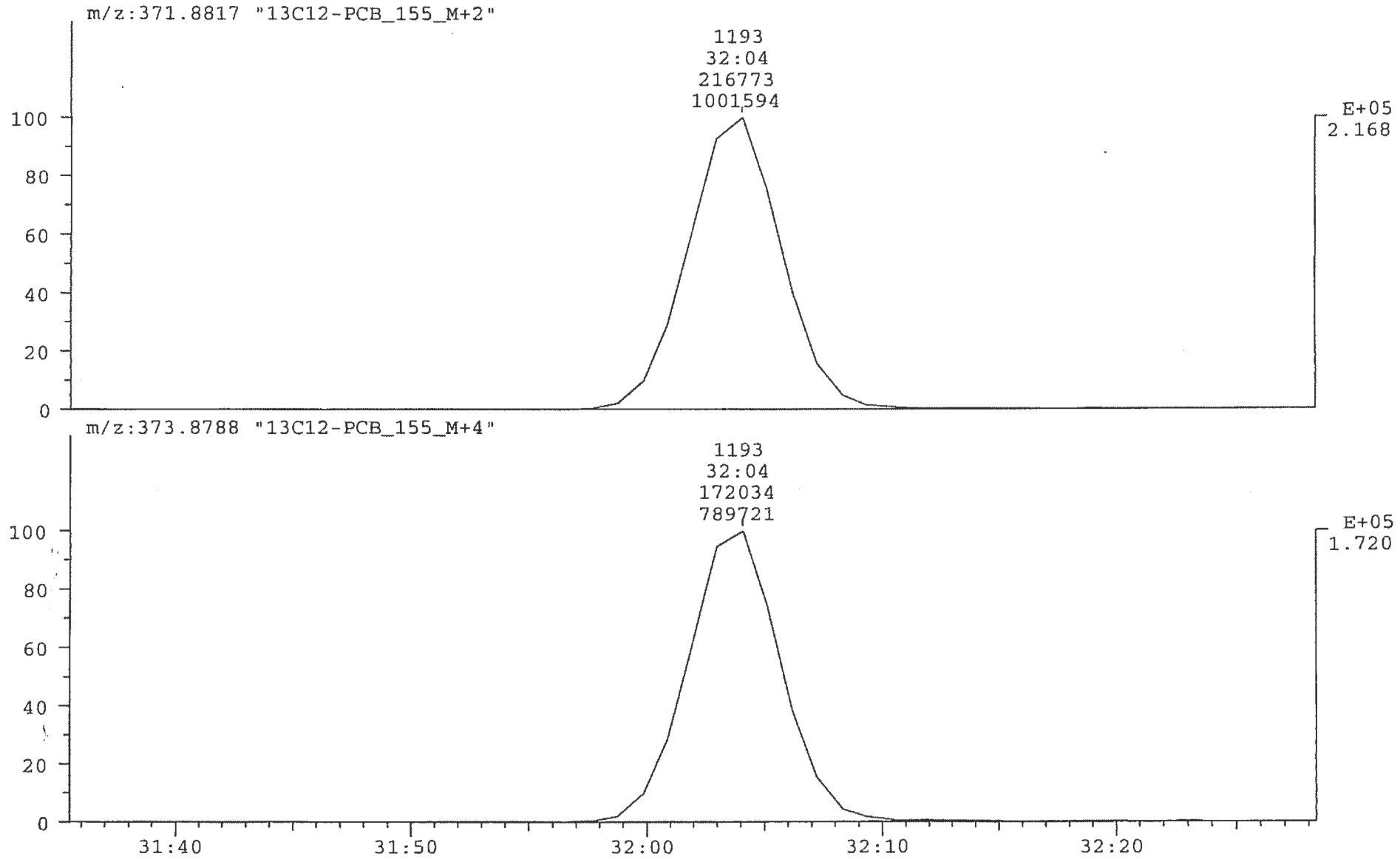
```
CHRO:  a07030712                                07-Mar-07  Elapse:  38:29      1553
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1428 > 1668         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



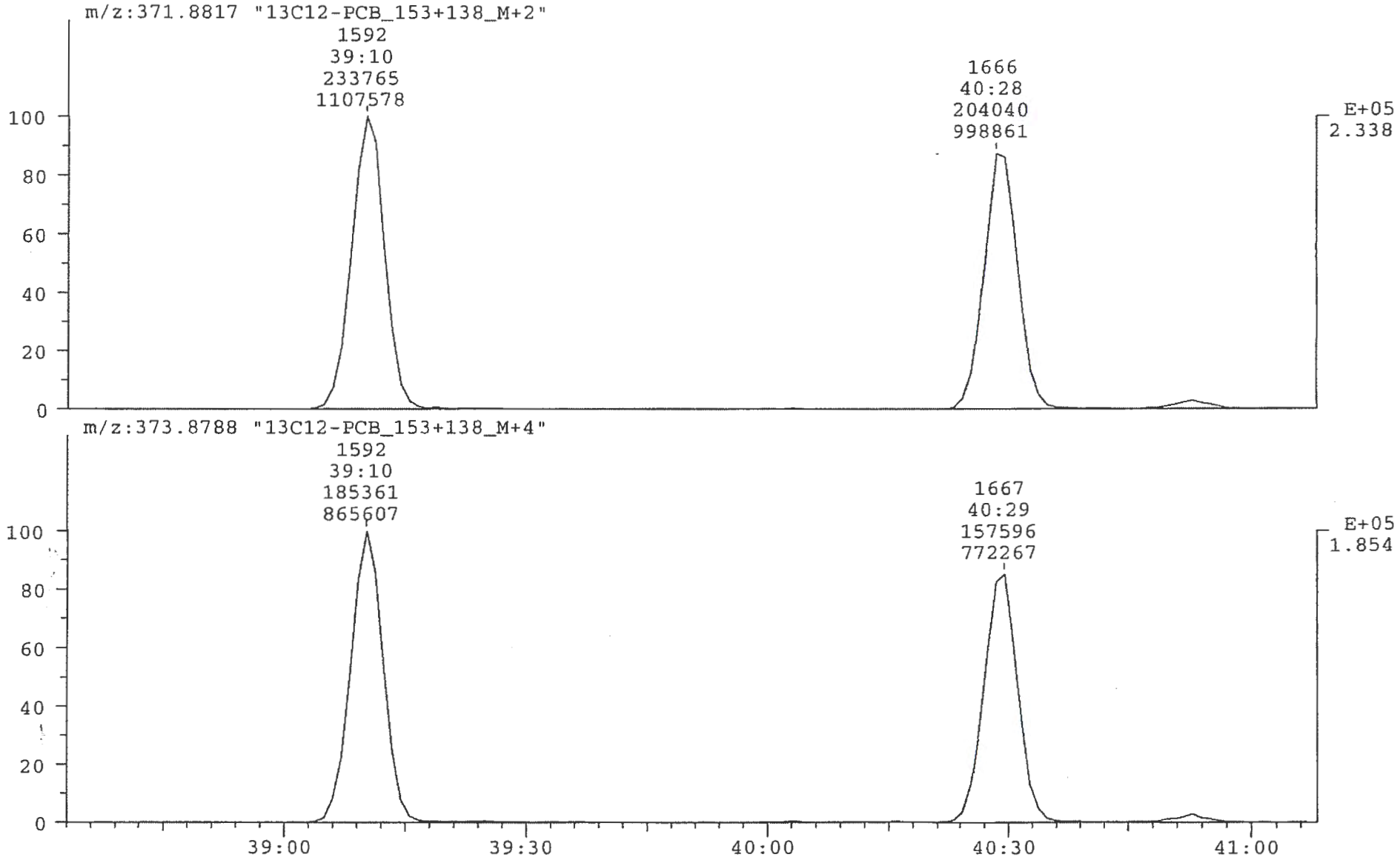
CHRO: a07030712 07-Mar-07 Elapse: 39:58 1638
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1160 > 2121 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



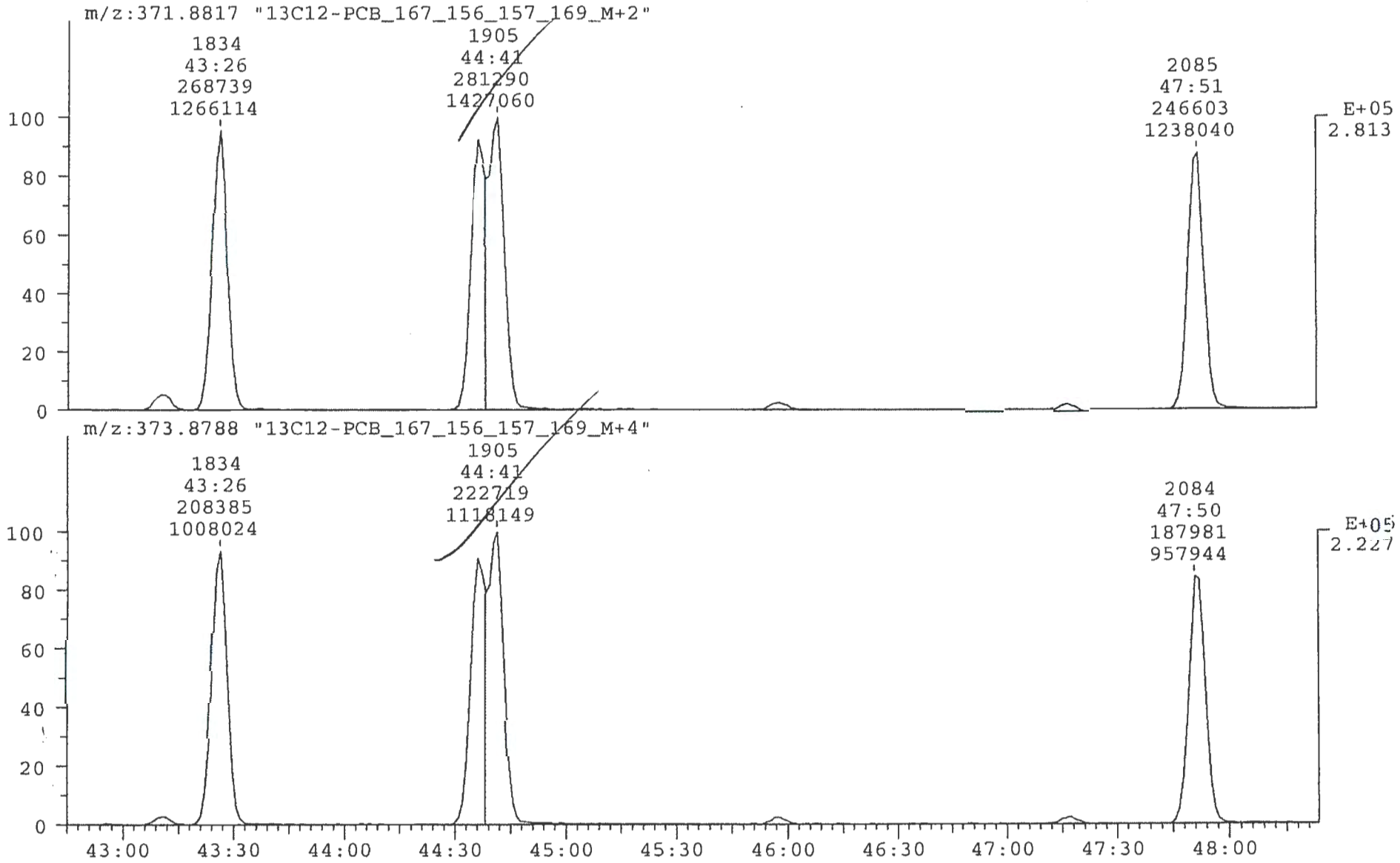
```
CHRO:  a07030712                                07-Mar-07   Elapse:  32:02      1191
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



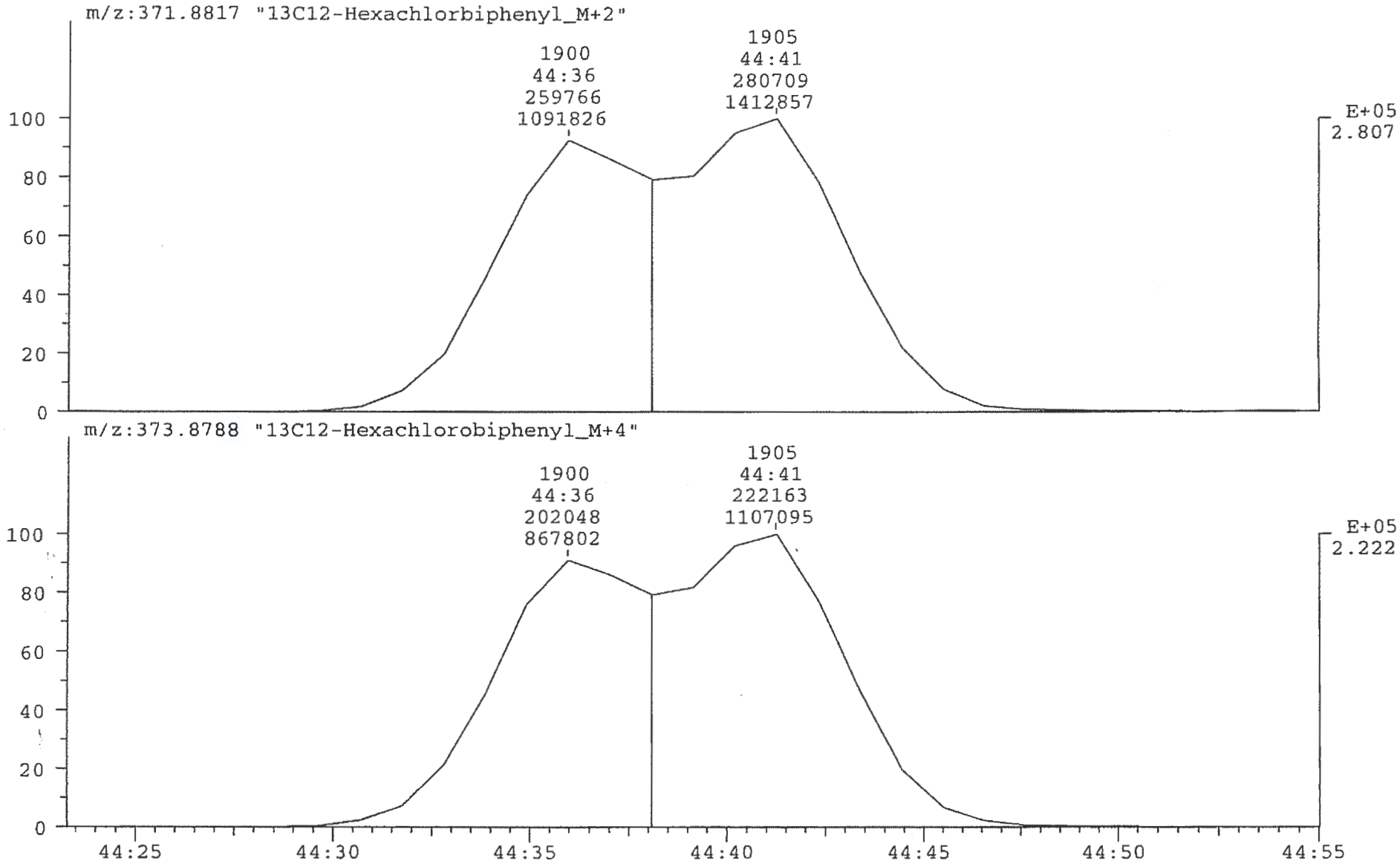
```
CHRO:  a07030712                                07-Mar-07   Elapse:  39:50      1630
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=mld/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1557 > 1703           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



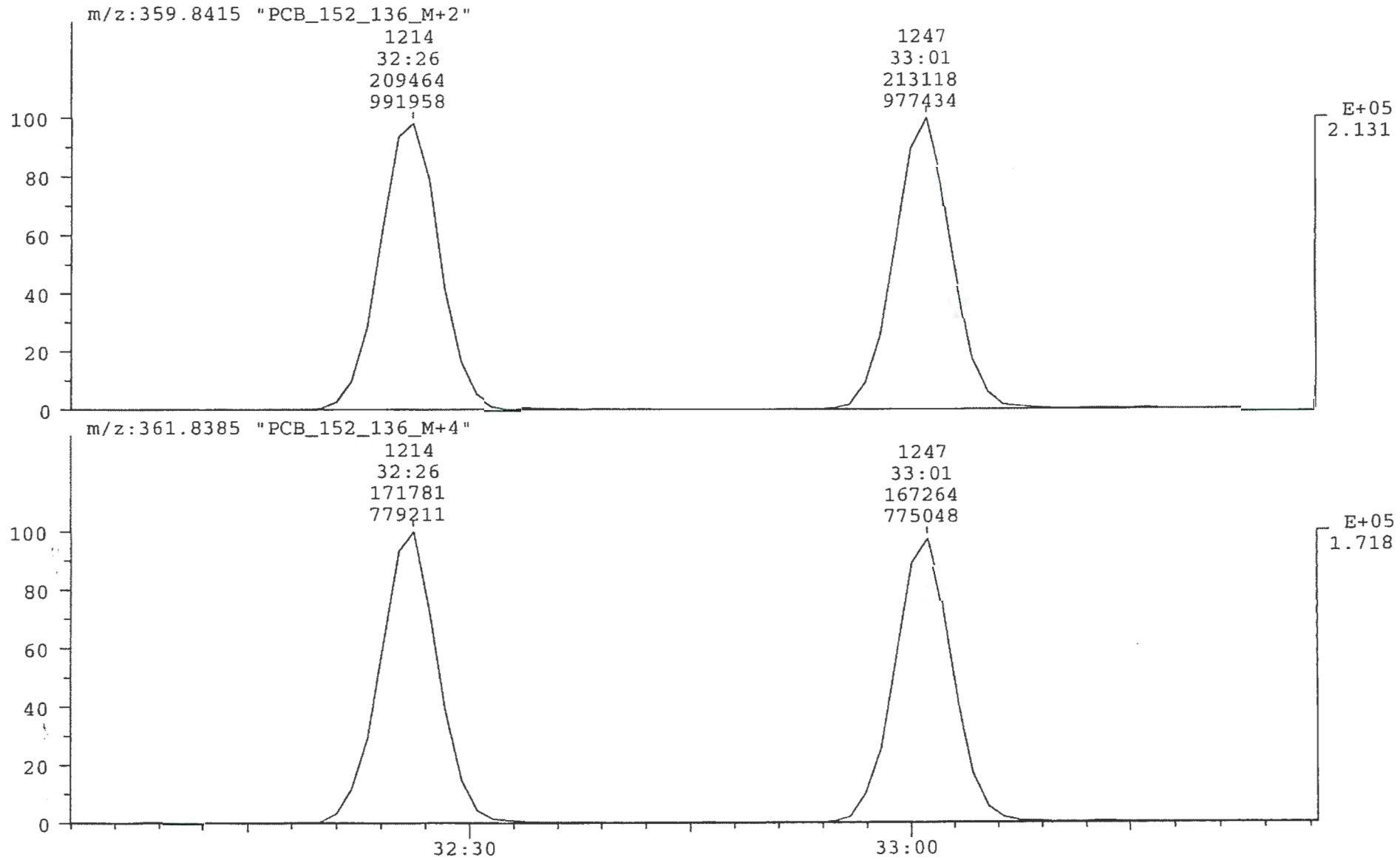
CHRO: a07030712 07-Mar-07 Elapse: 45:39 1960
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=mid/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1795 > 2115 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



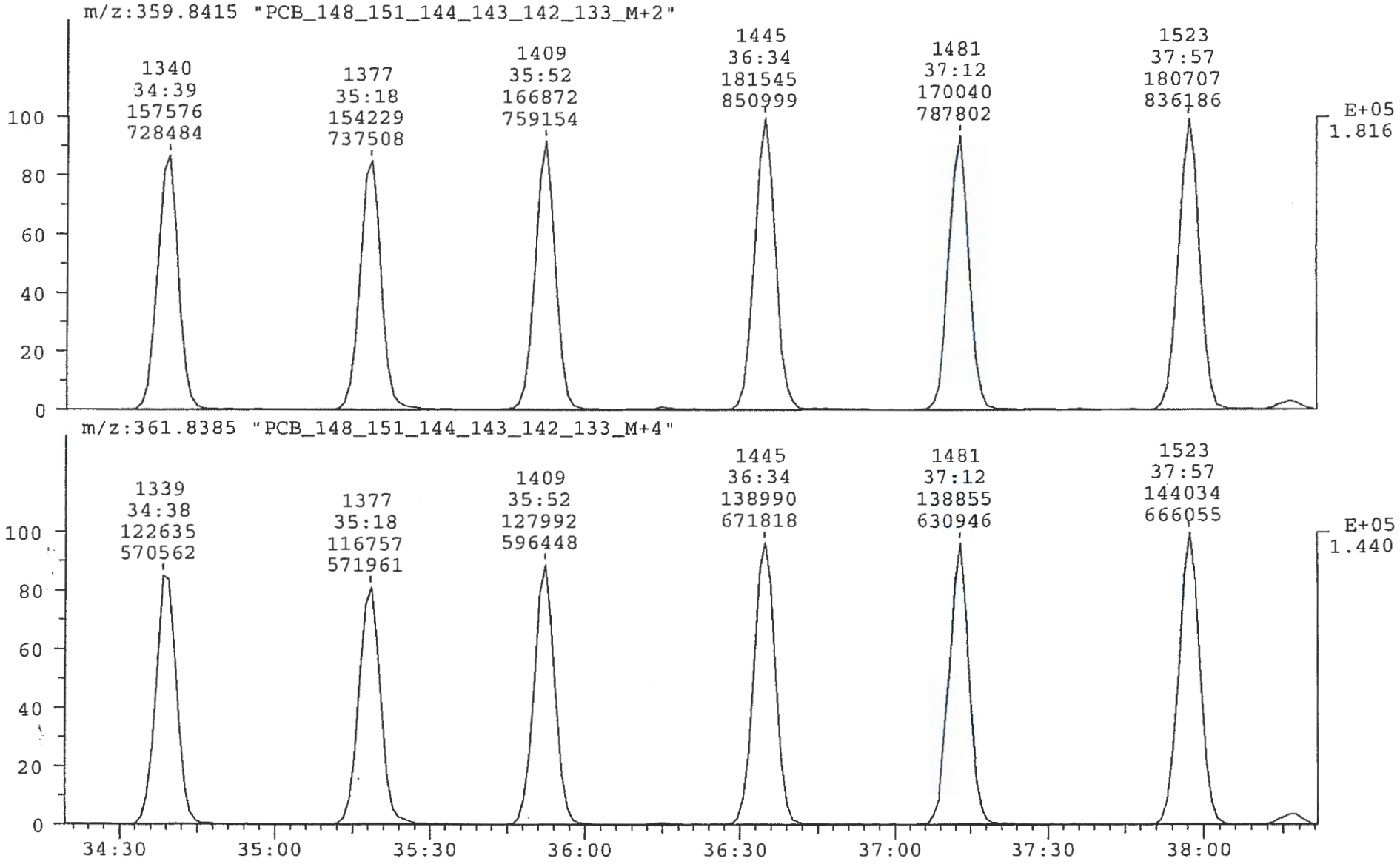
```
CHRO:  a07030712                                07-Mar-07   Elapse:  56:13      2555
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1888 > 1918           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



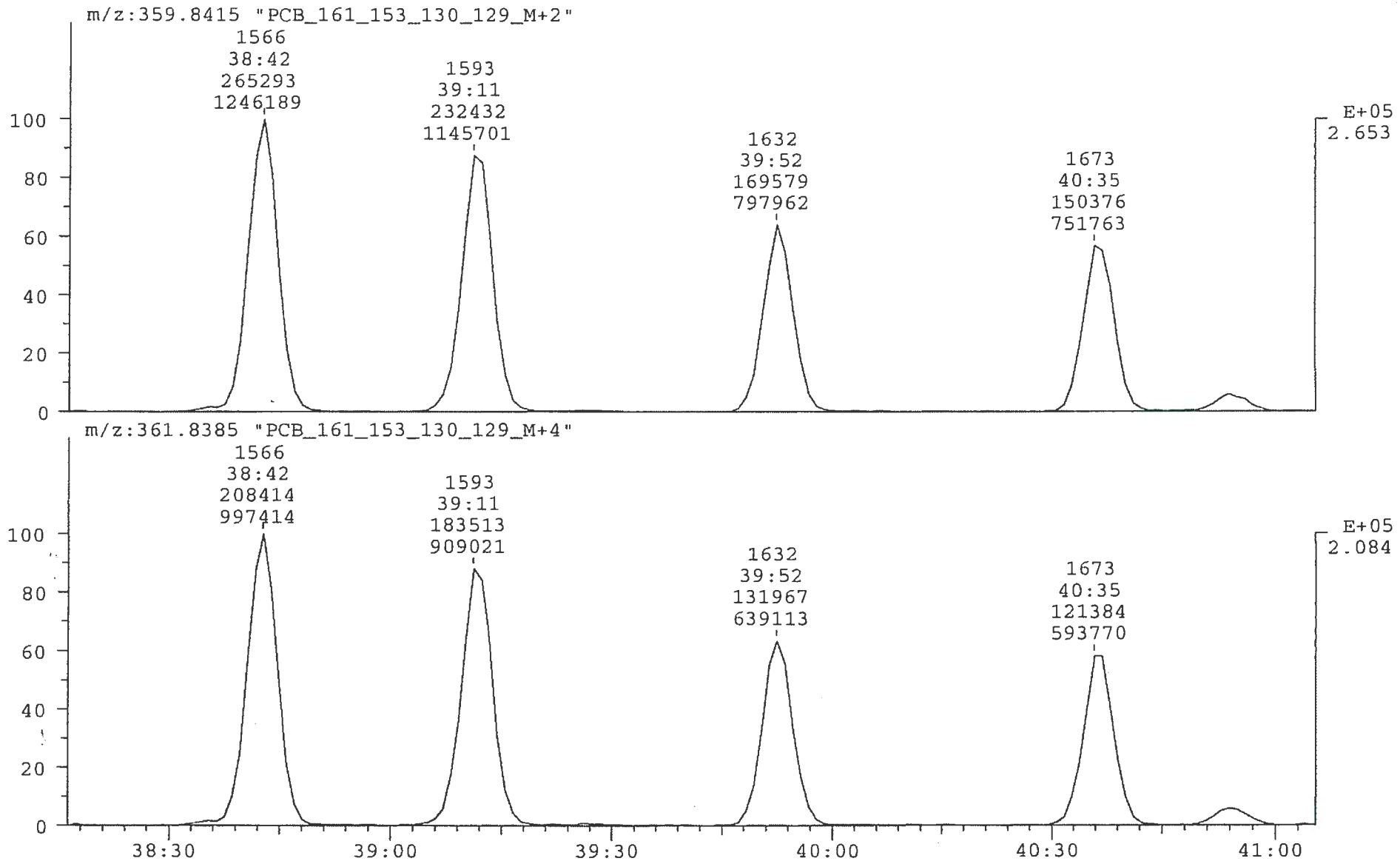
```
CHRO:  a07030712                                07-Mar-07  Elapse:  32:45      1232
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   1192 > 1272          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



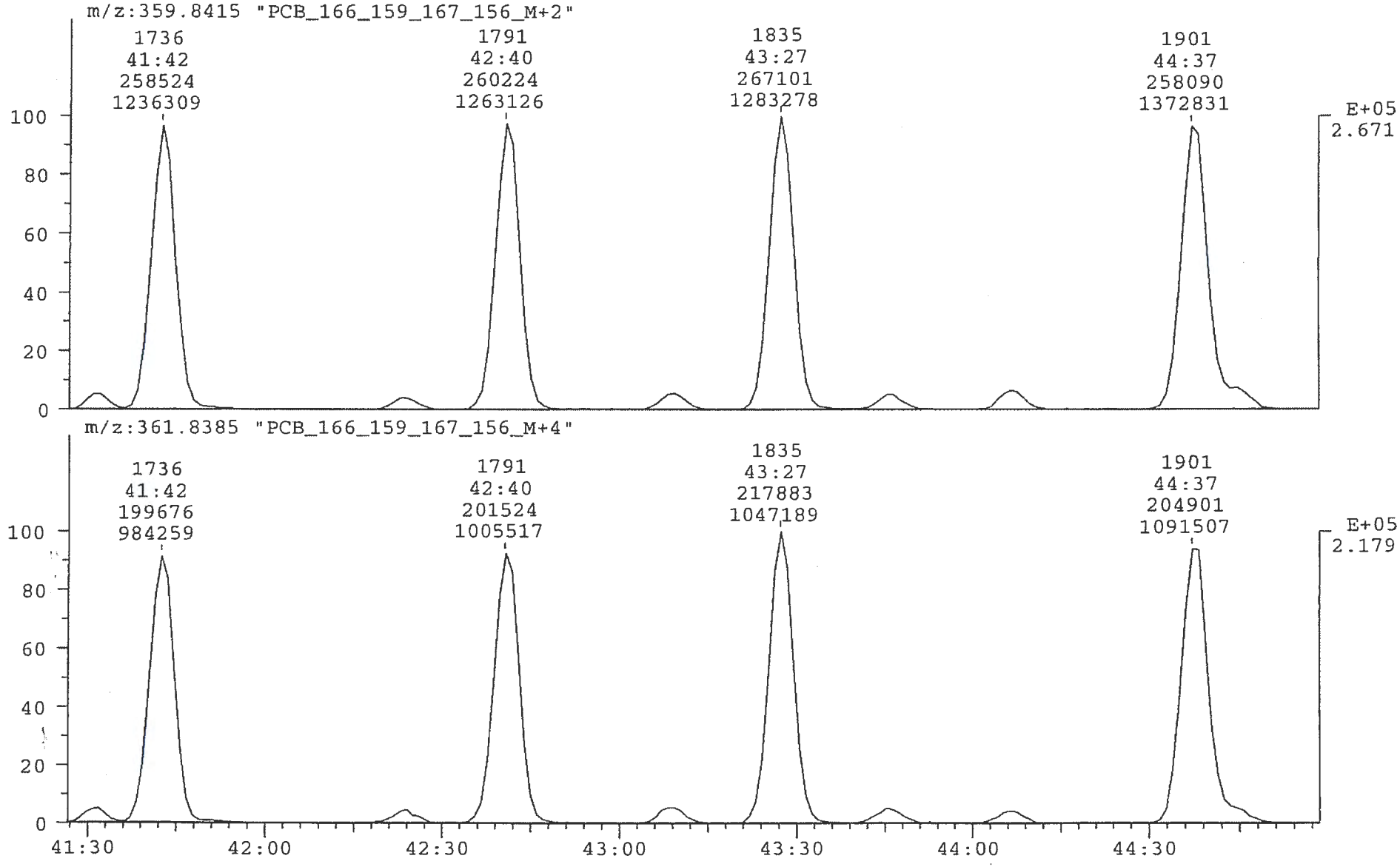
```
CHRO:  a07030712                                07-Mar-07   Elapse:  36:19      1431
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1321 > 1546           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



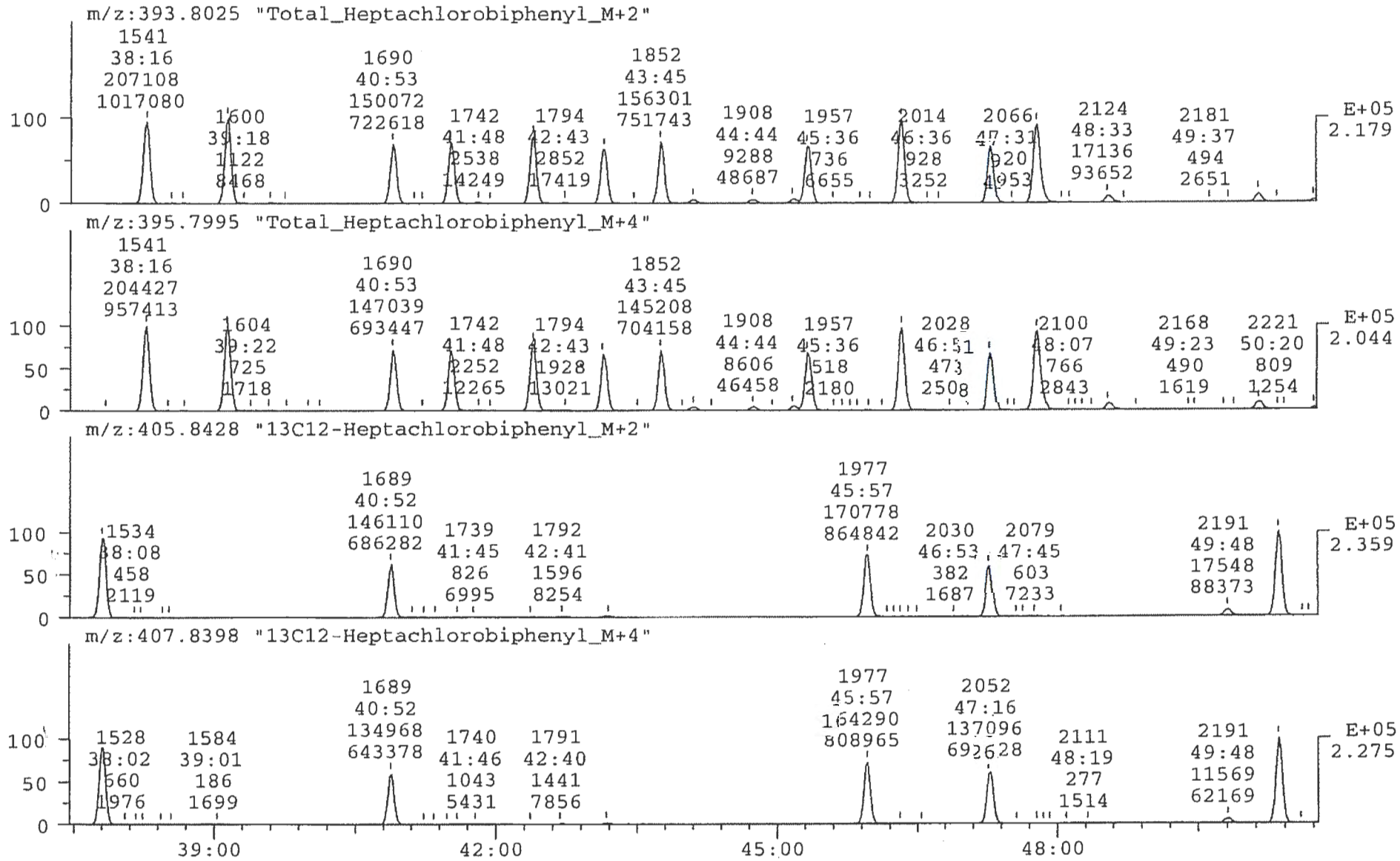
```
CHRO:  a07030712                                07-Mar-07  Elapse:  39:40      1621
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1541 > 1701          Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



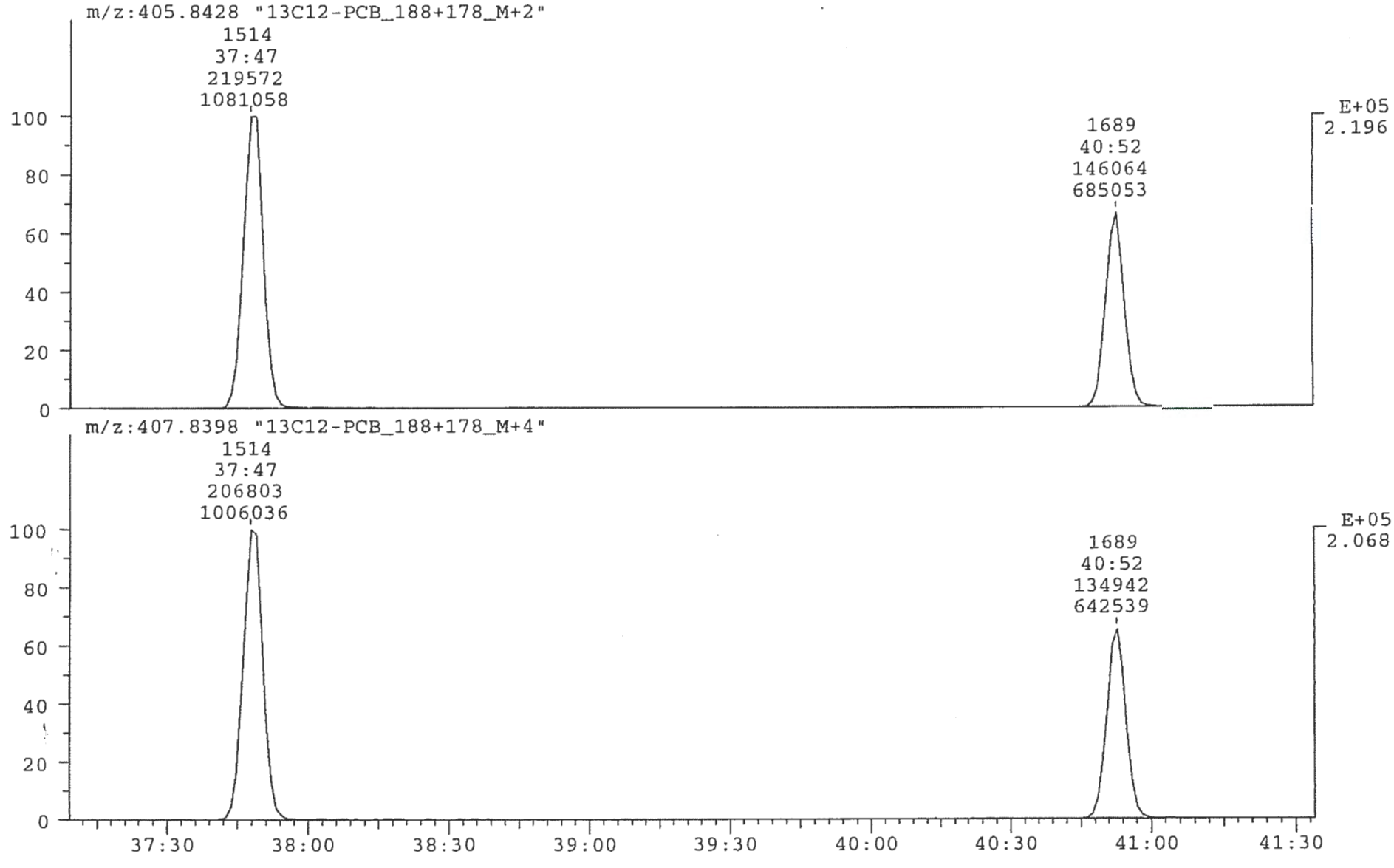
```
CHRO:  a07030712                          07-Mar-07   Elapse:  43:12      1821
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1           Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                      Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville          Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1721 > 1921     Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3          Label :  -3, 3.0
Disp:  Height  Area
```



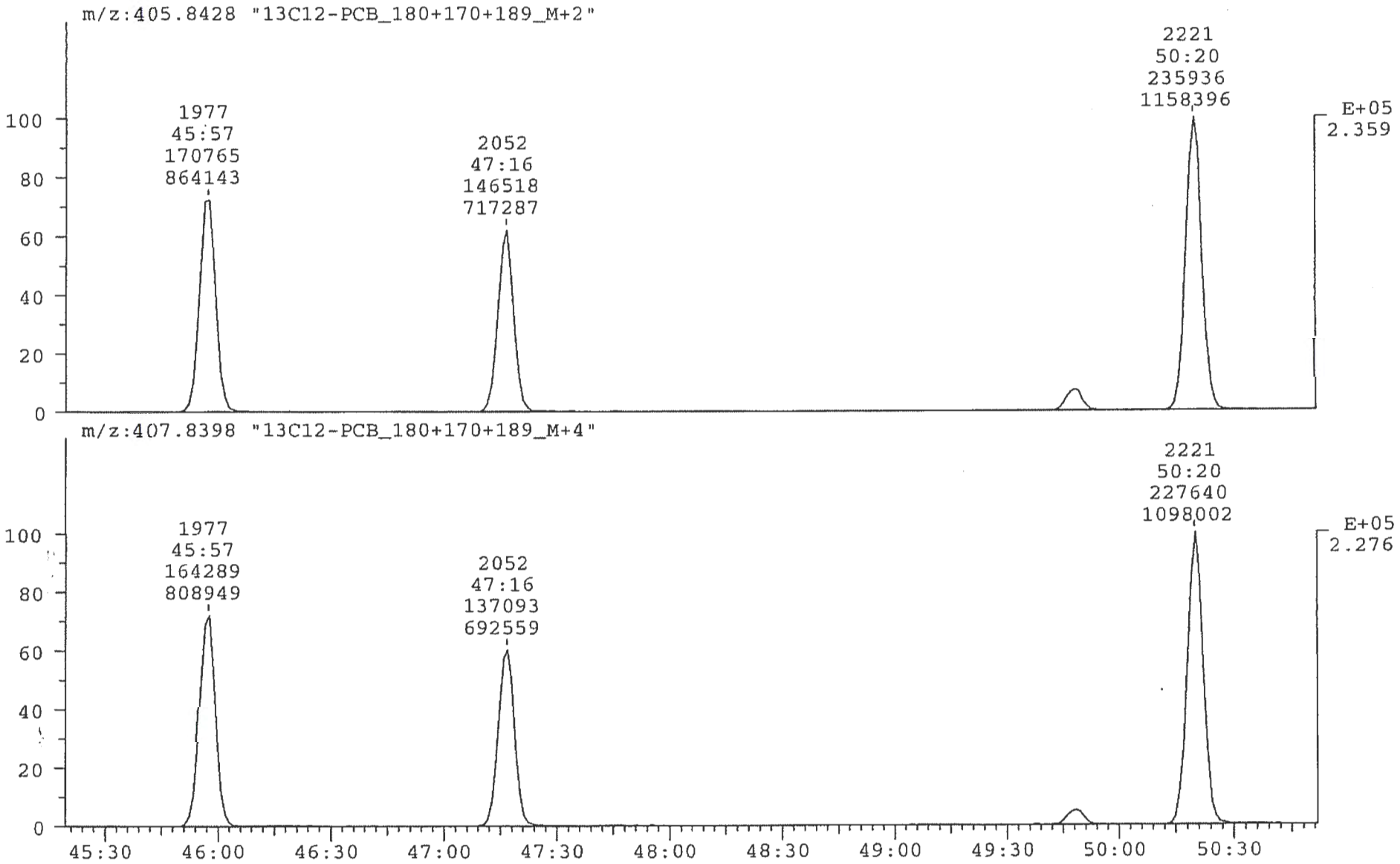
CHRO: a07030712 07-Mar-07 Elapse: 44:06 1872
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1494 > 2245 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



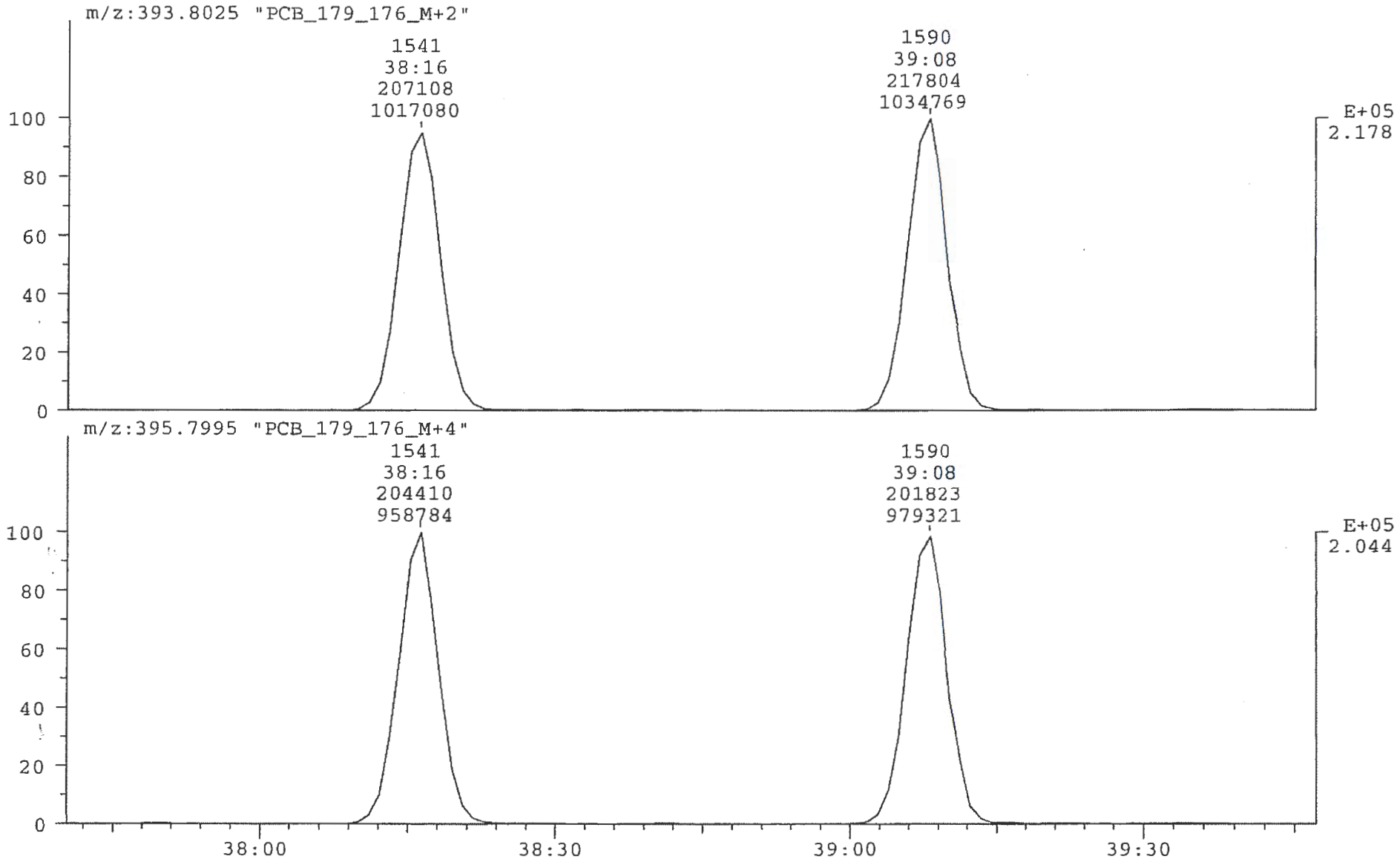
```
CHRO:  a07030712                                07-Mar-07  Elapse:  39:20      1602
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial  3
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
```



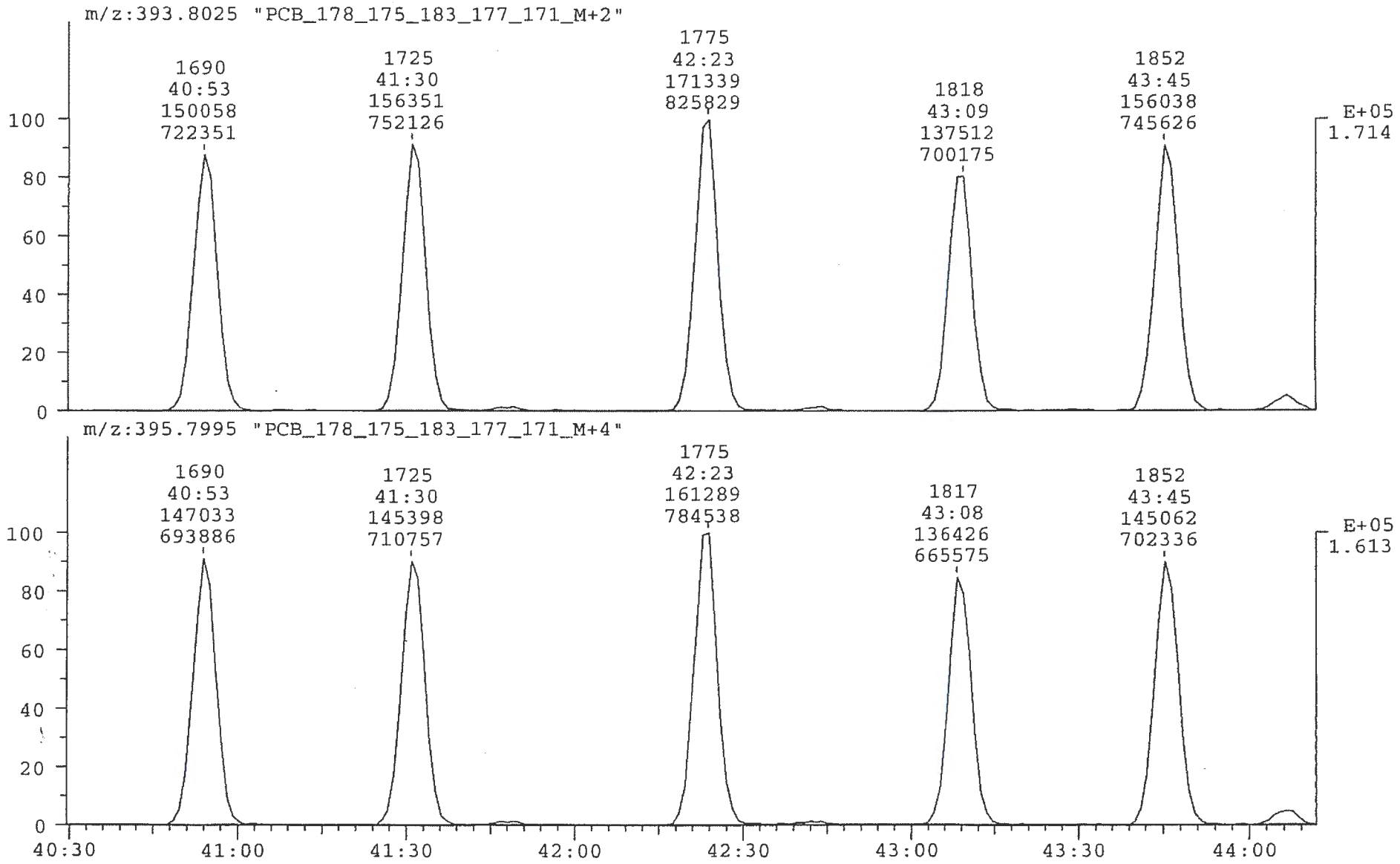
CHRO: a07030712 07-Mar-07 Elapse: 48:08 2101
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1941 > 2251 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



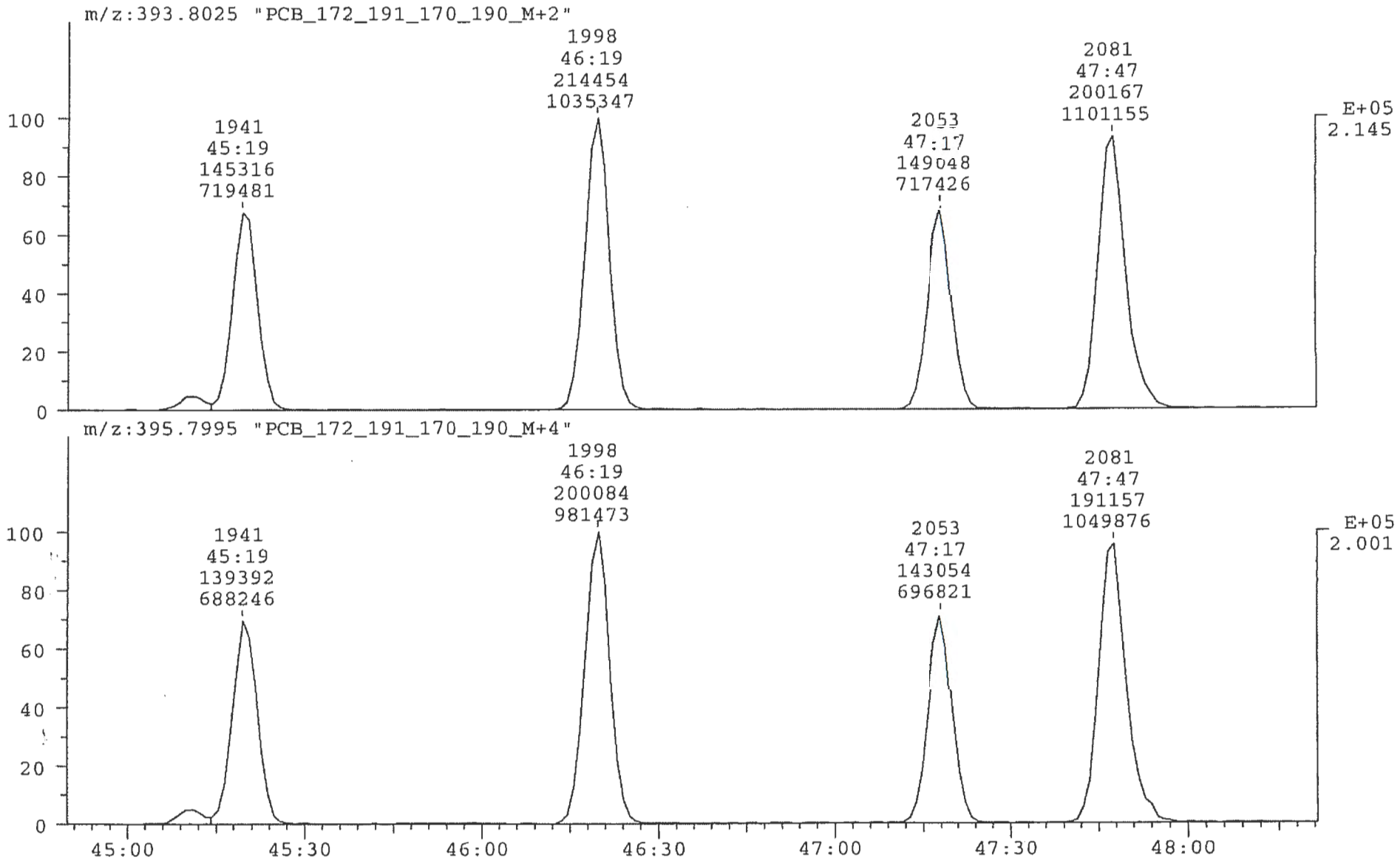
```
CHRO:  a07030712                                07-Mar-07   Elapse:  38:43      1567
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1507 > 1627           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



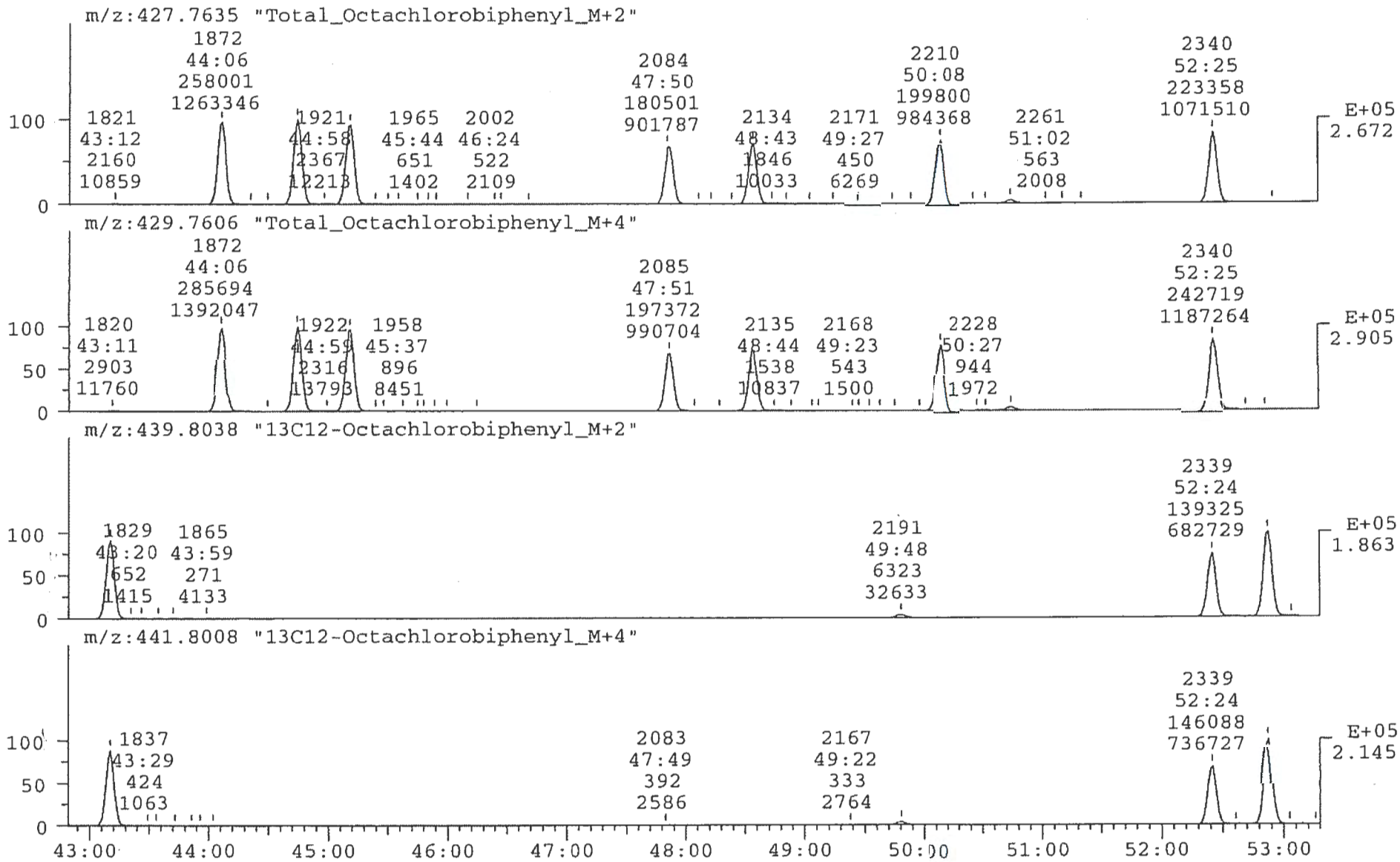
```
CHRO:  a07030712                                07-Mar-07   Elapse:  42:20      1772
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1667 > 1877           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



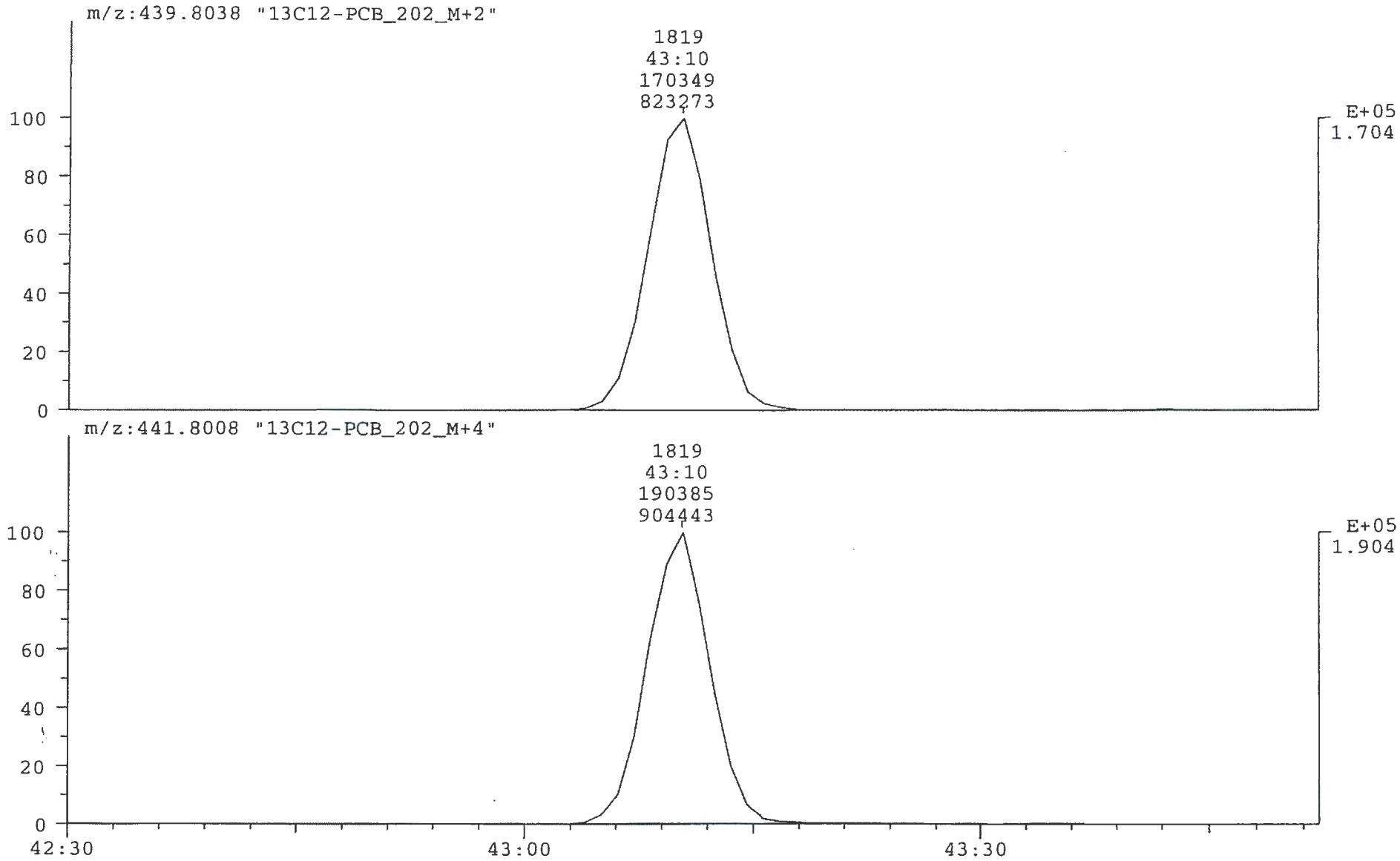
```
CHRO:  a07030712                                07-Mar-07   Elapse:  46:35      2013
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1913 > 2113           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



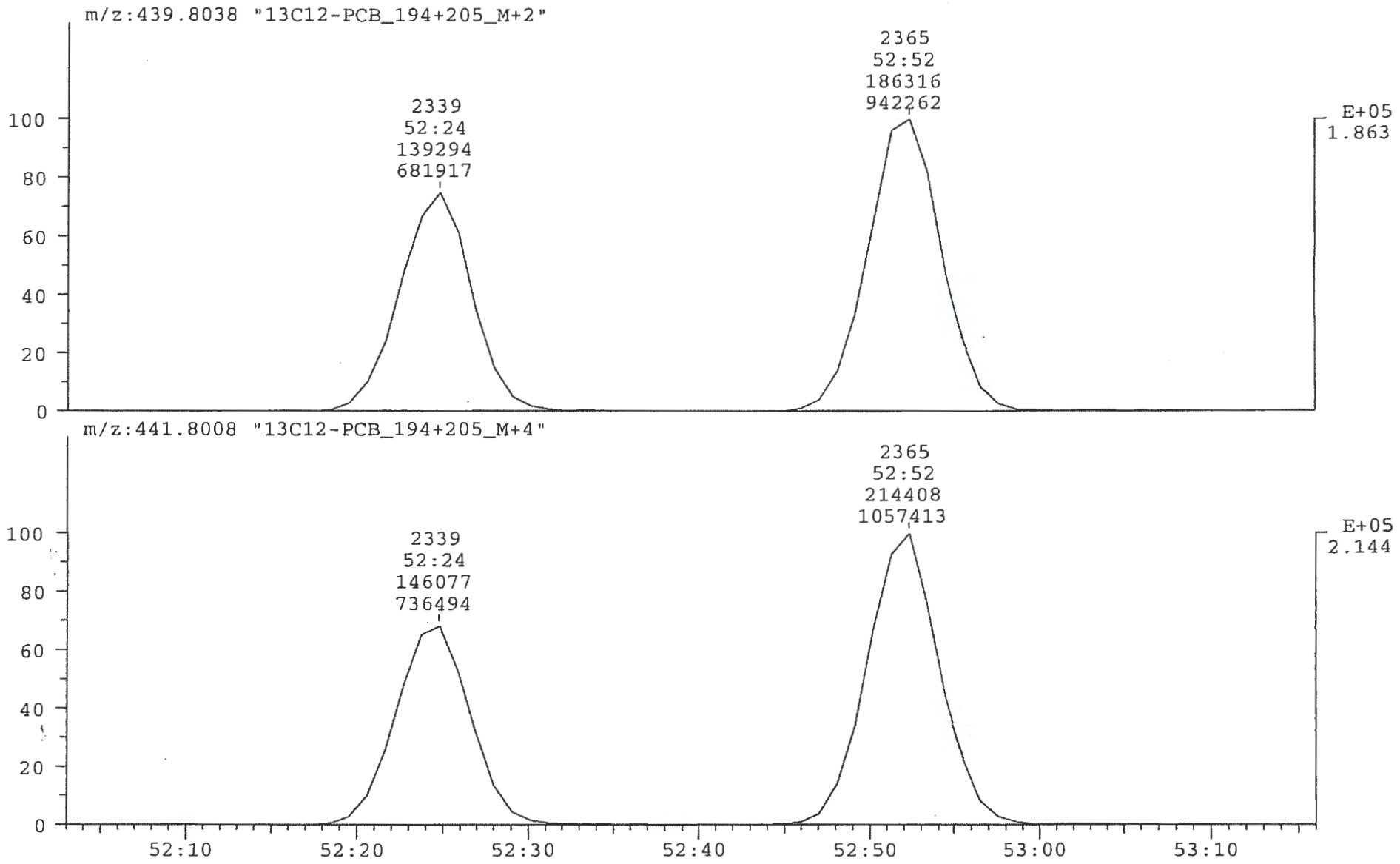
CHRO: a07030712 07-Mar-07 Elapse: 48:03 2096
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 22:12:05 2600
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1799 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



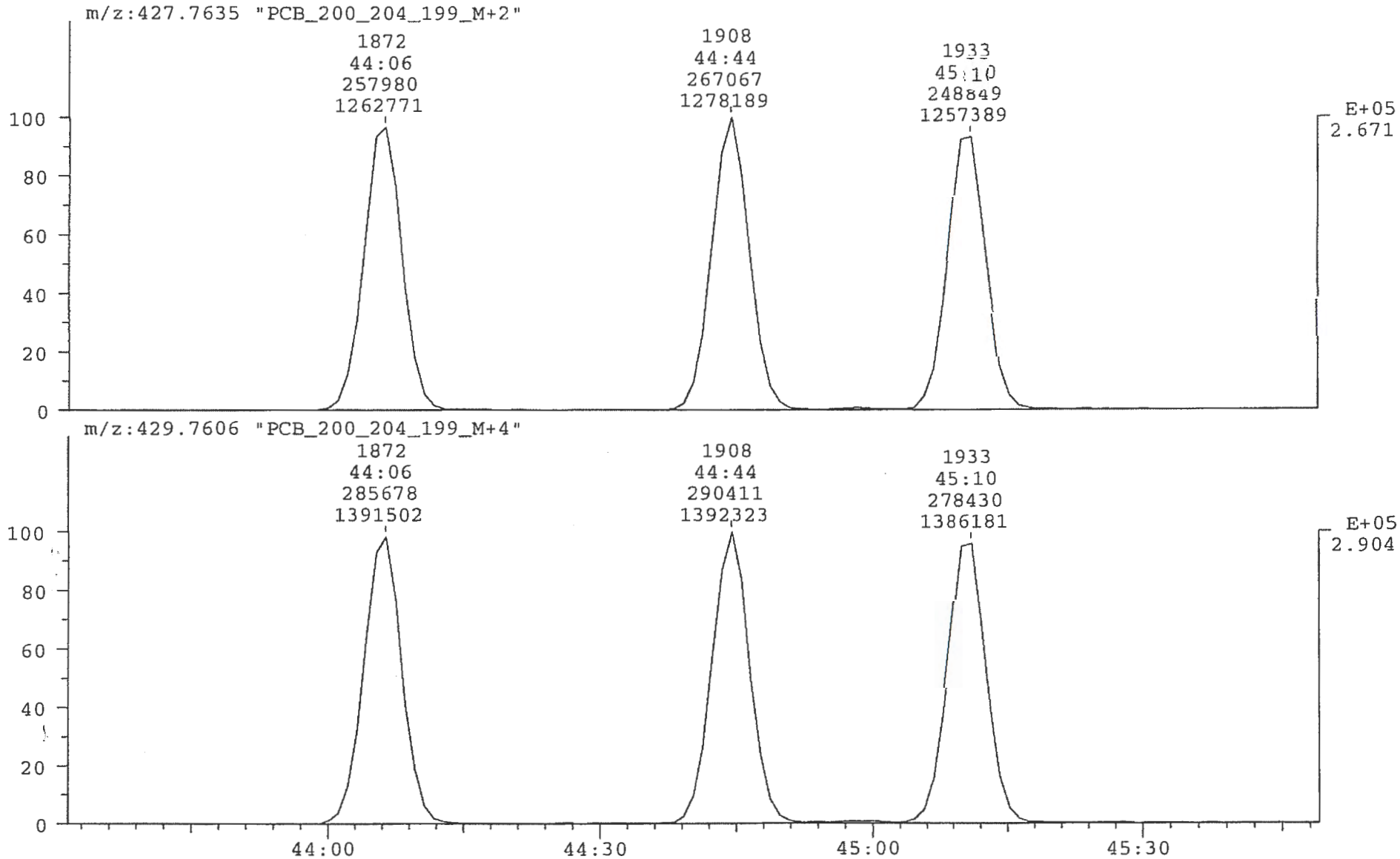
```
CHRO:  a07030712                              07-Mar-07   Elapse:  43:08      1817
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1781 > 1858         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



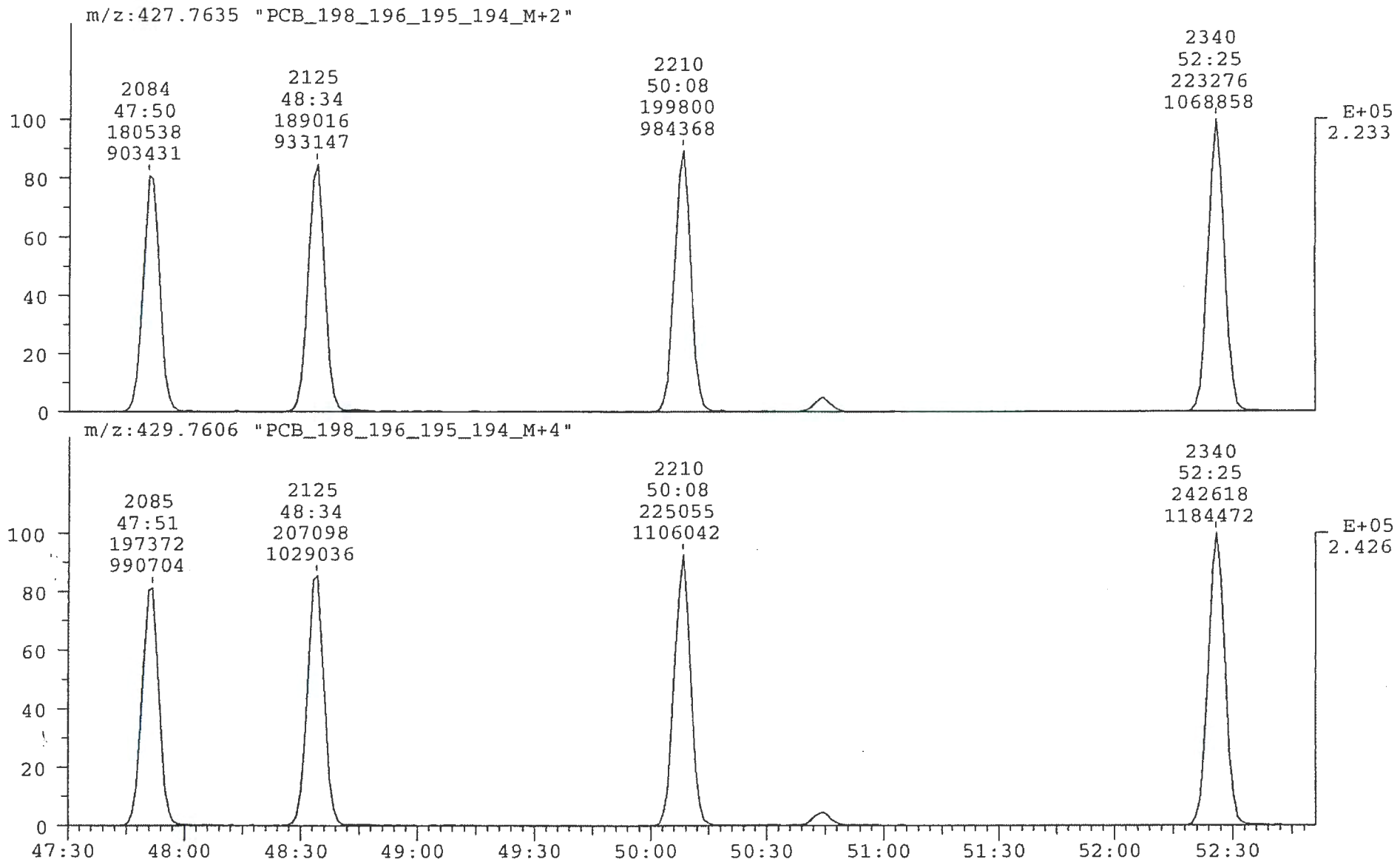
```
CHRO:  a07030712                                07-Mar-07   Elapse:  52:38      2352
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



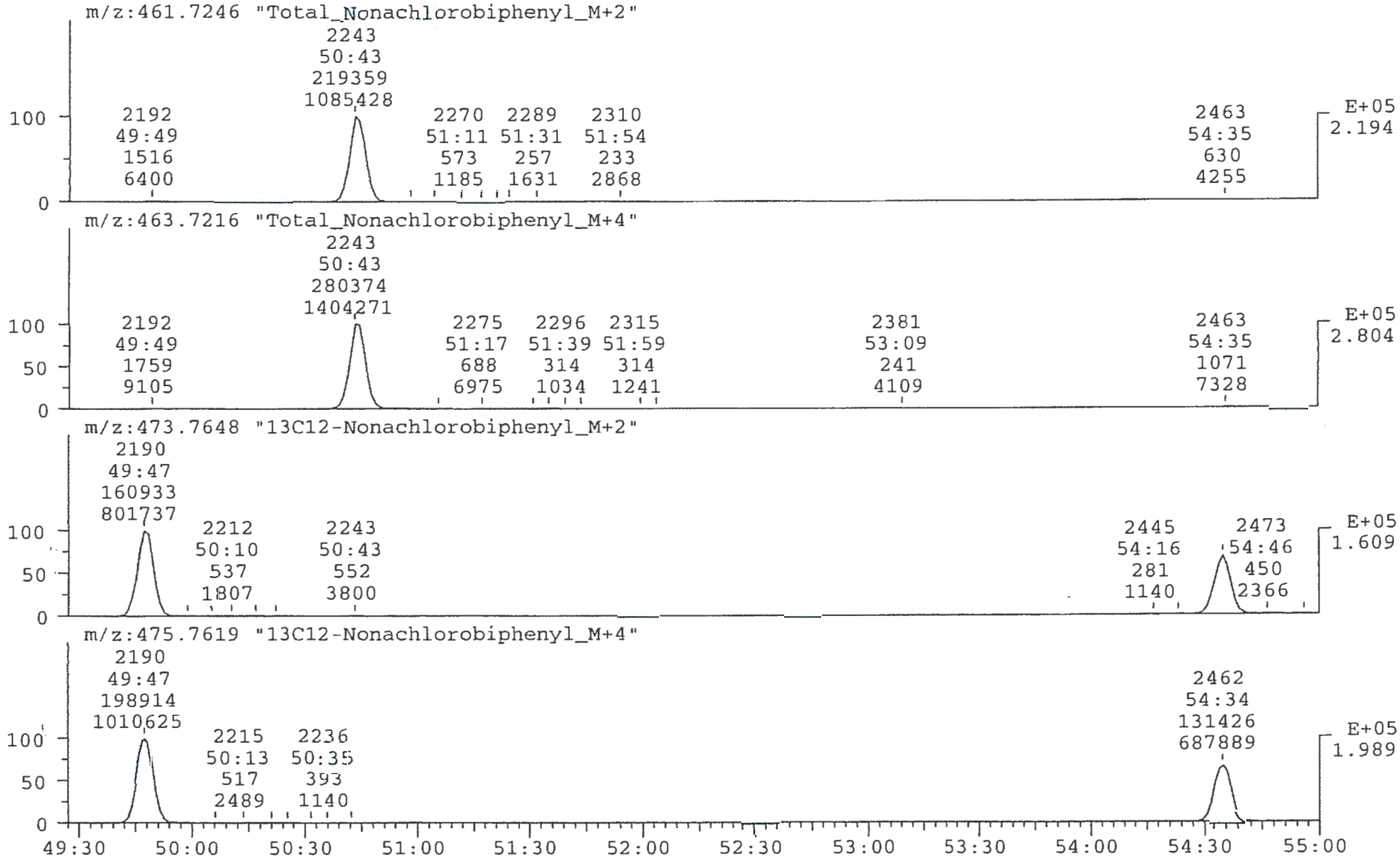
```
CHRO:  a07030712                                07-Mar-07   Elapse:  44:40      1904
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   1839 > 1969           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



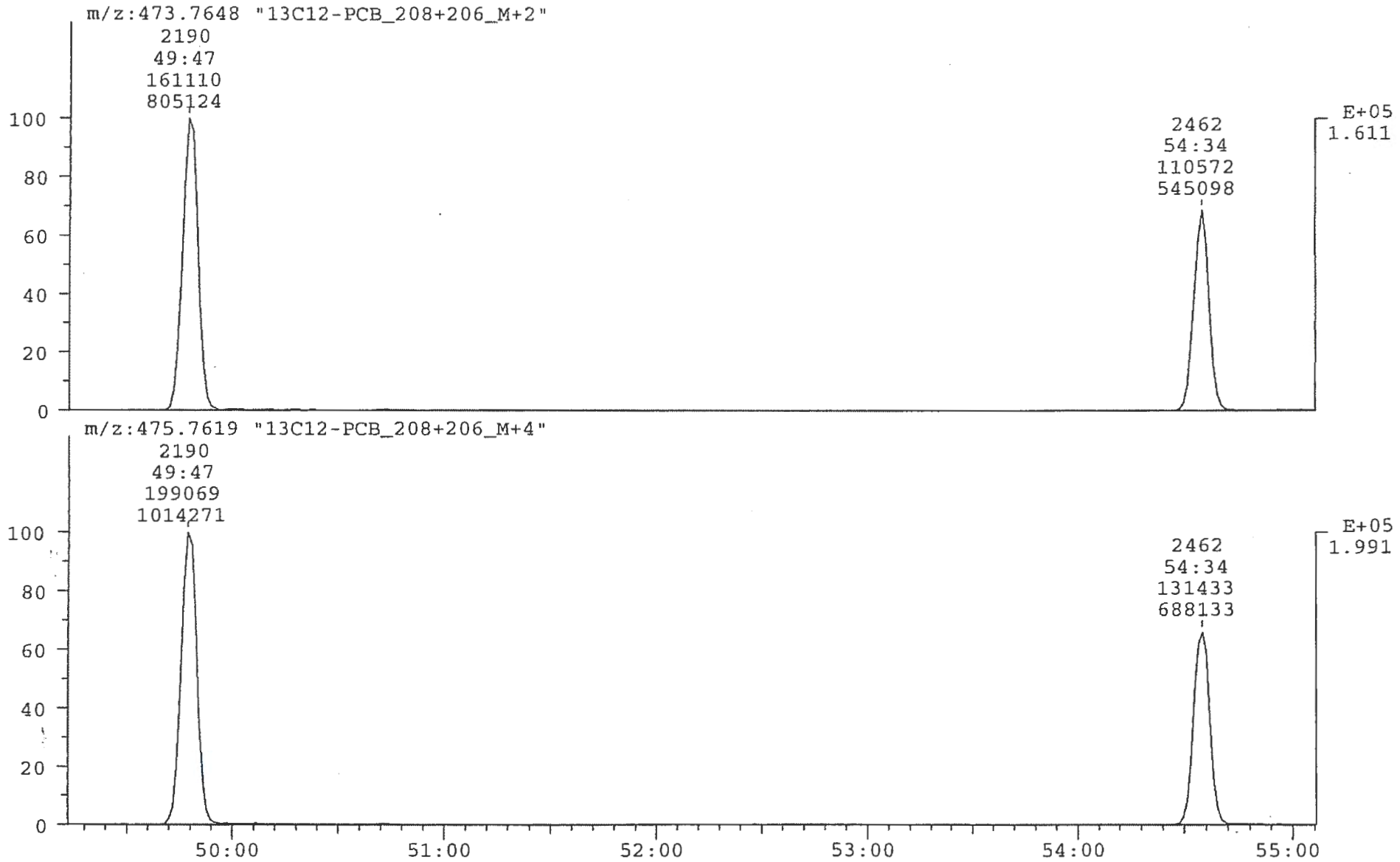
```
CHRO:  a07030712                                07-Mar-07   Elapse:  50:10      2212
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   2064 > 2364           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



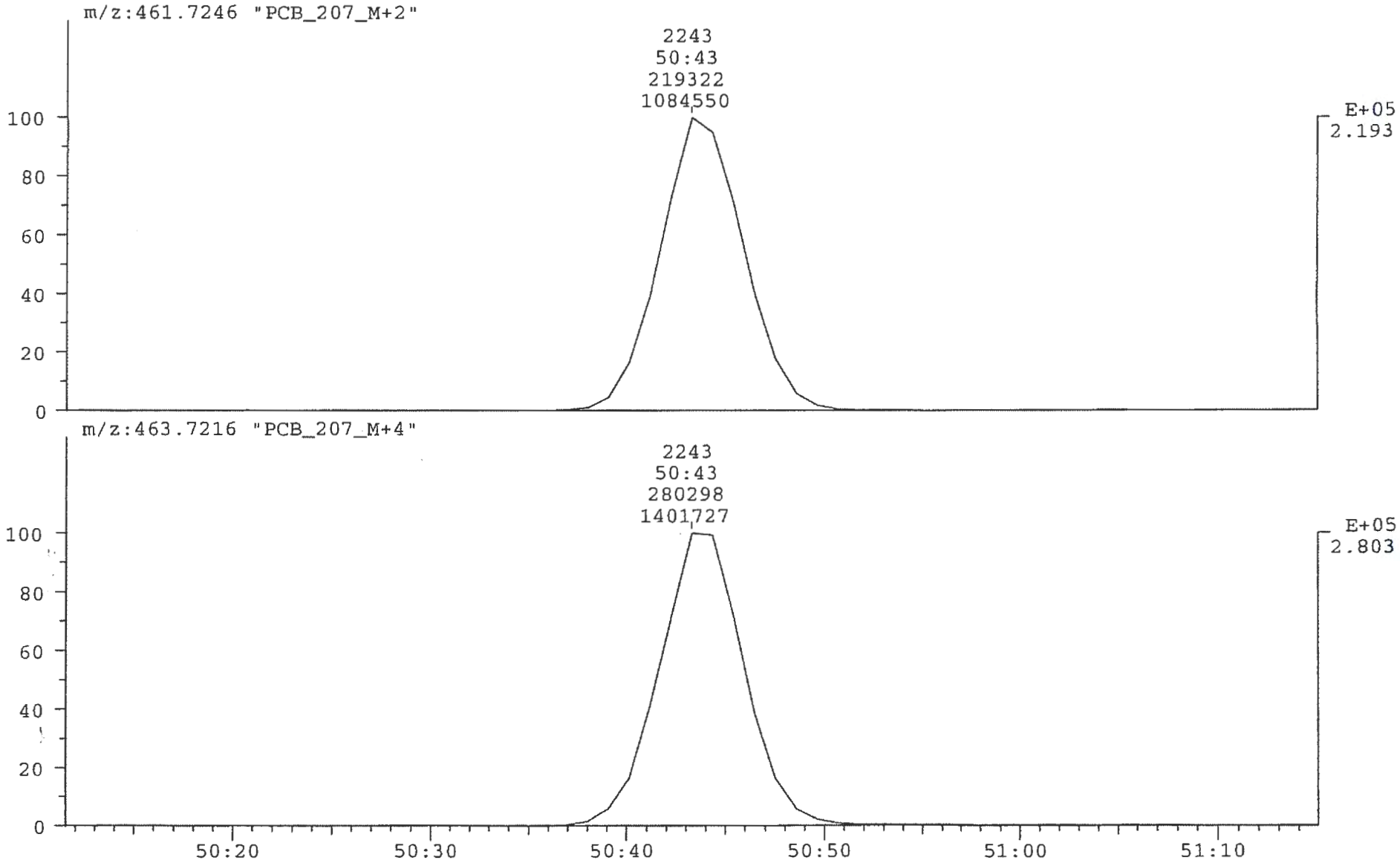
```
CHRO:  a07030712                                07-Mar-07   Elapse:  52:13      2328
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
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
```



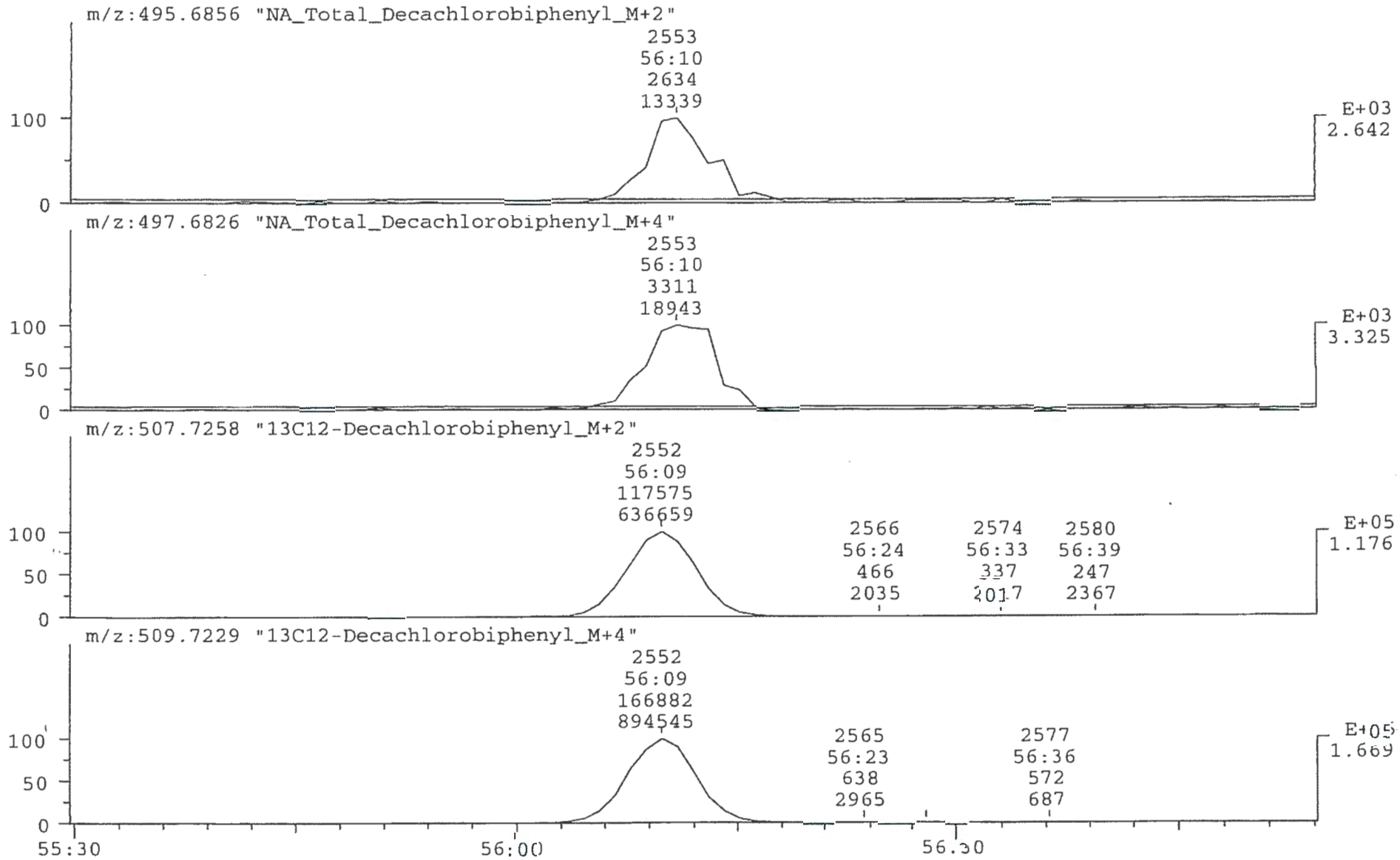
```
CHRO:  a07030712                                07-Mar-07   Elapse:  52:12      2327
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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:  a07030712                                07-Mar-07   Elapse:  50:43      2243
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   2213 > 2273           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a07030712                                07-Mar-07   Elapse:  56:11      2554
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  22:12:05   2600
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run2
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   2514 > 2594            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 3.0
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: a07030712
Study: 1668 RT Mix1/Run2
Sample: WO=2990:75Mix1 Meth=IE3 Dil=1
Amount: 0.00
Volume: 0.00
Operator: DCG
Client: STL Knoxville
Comments: Inst=m1d/137819-2 Batch=20070307s1 Ccal=20050801i
Injected volume: 2.00
Sample from Vial 3
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 6 of list 070307
ICL procedure: sleep7x
MID procedure: epa1668n

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	22:01 min	14:03 min	36:04 min	1.00 sec
# 3	36:05 min	13:10 min	49:15 min	1.00 sec
# 4	49:16 min	7:44 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 : epa1668n

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	1032.2528
BMASS	180.4888	BQUAD	0.0000	CAPIL	0.0000
CAPTEMP	359.9988	CAPTSET	200.0000	CCURR	3.9294
CORONA	0.0000	CYCLE	0.0000	DELAY	0.0000
DITEMP	0.1954	DITSET	0.0000	DRAW	-18.7750
DRAWC	1.0000	DRAWS	0.0050	ECORR	0.9999
ECURR	1.0000	EDAC	7969177.0000	EDACG	0.9999
EDACR	23.0000	EDACZ	1160.0000	ELEN	67.4250
EMULT	1.5500	ENS	180.0000	ERATIO	1.0000
ESA	763.8000	ESICUR	10.0011	ESIPAR	0.0000
EXS	144.0000	FDMA	18000000.0000	FLENS	1.0000
FM	20.0000	FMII	50.0000	FQUAD	0.0000
FREQ	300.4808	FSLOPE	54000000.0000	FVANAL	265.0000
FVINLET	247.0000	FVSRC	836.0000	FWIN	0.7000
GCTC	202.0000	GCTI	270.0000	GCTL	280.0000
HACCU	208.0000	HCURR	1.3137	HVANAL	1303.0000
HVSRC	0.0000	ICAL0	0.0011	ICAL1	0.4030
ICAL2	0.5865	IONEN	4771.6680	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	1800.0000	LENSS	21.0000
LKM	404.9760	LM	800.0000	LMASS	180.4888
LMII	500.0000	MASS	180.4888	MDAC	2346712.5794

MDACR	23.0000	MRANGE	1032.2528	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	-10.0000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10314.6723	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	3.0000	SCIDLE	1.0000	SHIELD	2918.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.7700	TCURR	0.7422
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	2.1750	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.4888	XLENS	2000.0000
XLENSS	-34.8000	YLENS	2600.0000	YLENSS	-24.8000

Scantype is electric
Sourcemode is EI POS

Analysis started at: 07-Mar-07 22:12:05.2

Autosampler has injected sample from vial 3
MID Time Window 1: Resolution is 8226
MID Time Window 2: Resolution is 8406
MID Time Window 3: Resolution is 9024
MID Time Window 4: Resolution is 9642
Analysis stopped at: 07-Mar-07 23:09:07.8 (run time 57.02 minutes)
Analysis stopped because MID run finished

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030713.	Prep Date		SDG No	
Analysis ID	96241	Prep Exp Date		Date Received	
Analysis Date	03/08/07 03:20	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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	143	193	57	77	0.74 *	/	
	PCB 2 (BZ)	14:15	00:00	0	1256749	399655	436074	140028	3.14	AVV/ABV	
200					**200.0795**	**202.0766**	**200.0795**	**202.0766**	**2.66-3.60**		
	Noise	00:00	00:00	0	213	298	85	119	0.71 *	/	
	13C12-PCB 1	12:12	00:00	0	2401746	758662	962229	311576	3.17	AVV/AVV	
	13C12-PCB 3	14:25	00:00	0	2399485	741180	821032	259615	3.24	ABV/ABV	
222					**222.0003**	**223.9974**	**222.0003**	**223.9974**	**1.33-1.79**		
	Noise	00:00	00:00	0	278	425	111	170	0.65 *	/	
	PCB 10 (BZ)	14:53	00:00	0	860331	551806	292529	183054	1.56	AVV/ABB	
	PCB 9 (BZ)	16:41	00:00	0	905663	569104	268843	169478	1.59	ABV/ABV	
	PCB 6 (BZ)	17:07	00:00	0	882208	548999	247904	154744	1.61	AVV/AVB	
	PCB 8 (BZ)	17:34	00:00	0	941290	591023	271870	173416	1.59	AVV/ABV	
	PCB 14 (BZ)	19:09	00:00	0	919714	587216	246741	151480	1.57	AVV/AVV	D
	PCB 11 (BZ)	20:04	00:00	0	865073	546830	225034	140813	1.58	ABV/ABV	
234					**234.0406**	**236.0376**	**234.0406**	**236.0376**	**1.33-1.79**		
	Noise	00:00	00:00	0	340	198	136	79	1.72	/	
	13C12-PCB 4	14:42	00:00	0	1022218	628687	323561	198895	1.63	AVV/AVV	
	13C12-PCB 9	16:40	00:00	0	1683591	1045126	486586	304314	1.61	ABV/ABV	
	13C12-PCB 8	17:32	00:00	0	1898134	1164604	537337	332569	1.63	AVV/AVV	
	13C12-PCB 15	20:41	00:00	0	1756170	1102196	430791	278176	1.59	AVV/ABV	
256					**255.9613**	**257.9584**	**255.9613**	**257.9584**	**0.88-1.20**		
	Noise	00:00	00:00	0	195	130	78	52	1.50 *	/	
	PCB 30 (BZ)	19:38	00:00	0	556338	531129	153999	143732	1.05	ABV/ABV	D
	PCB 27 (BZ)	20:25	00:00	0	559377	527236	149667	139338	1.06	AVV/AVV	
	PCB 32 (BZ)	21:10	00:00	0	604762	563228	162399	146058	1.07	ABV/AVV	
	PCB 34 (BZ)	22:23	00:00	0	799816	781398	199363	197991	1.02	ABV/ABV	
	PCB 26 (BZ)	22:52	00:00	0	831422	808216	195075	191933	1.03	AVV/AVV	M
	PCB 31 (BZ)	23:26	00:00	0	870660	847611	216612	210743	1.03	AVV/AVV	D
	PCB 33 (BZ)	23:59	00:00	0	886486	857524	196691	190293	1.03	AVV/AVV	
	PCB 36 (BZ)	25:54	00:00	0	825973	806748	200152	192259	1.02	AVV/ABV	D
	PCB 38 (BZ)	26:52	00:00	0	812735	793444	178630	175471	1.02	ABV/ABV	D
	PCB 35 (BZ)	27:23	00:00	0	793178	771585	173474	171647	1.03	AVV/AVV	
268					**268.0016**	**269.9986**	**268.0016**	**269.9986**	**0.88-1.20**		
	Noise	00:00	00:00	0	573	300	229	120	1.91 *	/	
	13C12-PCB 19	17:54	00:00	0	607804	577788	175164	166794	1.05	AVV/ABV	
	13C12-PCB 32	21:09	00:00	0	1103626	1022327	277793	259247	1.08	AVV/AVV	
	13C12-PCB 31	23:25	00:00	0	1683440	1578922	422656	390024	1.07	ABV/ABV	
	13C12-PCB 28	23:42	00:00	0	1590643	1531241	382405	369288	1.04	AVV/AVV	
	13C12-PCB 37	27:47	00:00	0	1500049	1411472	323374	307551	1.06	AVV/ABV	
290					**289.9224**	**291.9194**	**289.9224**	**291.9194**	**0.65-0.89**		
	Noise	00:00	00:00	0	150	225	60	90	0.67	/	
	PCB 50 (BZ)	23:10	00:00	0	822757	1032194	196904	247362	0.80	ABV/ABV	
	PCB 45 (BZ)	23:53	00:00	0	729429	932163	178295	224313	0.78	ABB/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

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030713.	Prep Date		SDG No	
Analysis ID	96241	Prep Exp Date		Date Received	
Analysis Date	03/08/07 03:20	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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 52 (BZ)	25:34	00:00	0	870550	1119822	197896	254734	0.78	ABV/ABV	
	PCB 49 (BZ)	26:03	00:00	0	889295	1134738	202464	258118	0.78	AVV/AVV	
	PCB 75 (BZ)	26:52	00:00	0	1248182	1588052	285972	360331	0.79	ABV/AVV	M
	PCB 41 (BZ)	27:31	00:00	0	712120	921662	158385	215145	0.77	AVV/AVV	
	PCB 72 (BZ)	28:36	00:00	0	1216160	1542314	273303	350458	0.79	ABV/ABV	D
	PCB 57 (BZ)	29:19	00:00	0	1155668	1473868	257536	323141	0.78	AVV/AVV	D
	PCB 63 (BZ)	29:59	00:00	0	1185437	1502186	266922	331337	0.79	ABV/AVV	D
	PCB 66 (BZ)	30:41	00:00	0	1165386	1493972	251125	321911	0.78	ABV/ABV	D
	PCB 79 (BZ)	33:30	00:00	0	1232863	1601151	264029	344300	0.77	ABV/ABV	
	PCB 78 (BZ)	34:04	00:00	0	1154280	1468327	240904	319341	0.79	AVV/AVV	
	PCB 81 (BZ)	34:31	00:00	0	1191916	1515627	241229	312982	0.79	AVV/AVV	
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	160	145	64	58	1.10 *	/	
	13C12-PCB 54	21:03	00:00	0	537917	653834	135444	160313	0.82	ABV/ABV	
	13C12-PCB 52	25:33	00:00	0	804024	993457	188744	237960	0.81	ABV/ABV	
	13C12-PCB 79	33:28	00:00	0	1230153	1560913	258338	328245	0.79	ABV/ABV	
	13C12-PCB 81	34:30	00:00	0	1050437	1303045	217996	274878	0.81	ABV/ABV	D
	13C12-PCB 77	35:06	00:00	0	1078186	1350966	229033	284253	0.80	ABV/ABB	D
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	188	195	75	78	0.96 *	/	
	PCB 96 (BZ)	26:58	00:00	0	1251678	774181	292649	177880	1.62	ABV/ABV	D
	PCB 103 (BZ)	28:46	00:00	0	1030245	647580	230447	144458	1.59	ABV/ABV	D
	PCB 95 (BZ)	29:32	00:00	0	982449	613118	217887	138785	1.60	ABV/AVV	D
	PCB 88 (BZ)	30:14	00:00	0	872095	541074	186662	113609	1.61	AVV/ABV	
	PCB 89 (BZ)	31:07	00:00	0	853427	521863	192570	113194	1.64	ABV/ABV	D
	PCB 92 (BZ)	31:48	00:00	0	901343	572516	197423	128845	1.57	ABV/ABV	D
	PCB 113 (BZ)	32:20	00:00	0	1244607	778464	271388	171359	1.60	AVV/ABV	D
	PCB 83 (BZ)	32:55	00:00	0	782394	491221	159988	104040	1.59	AVB/ABV	D
	PCB 119 (BZ)	33:27	00:00	0	1351072	858251	288498	180215	1.57	ABV/ABV	DM
	PCB 87 (BZ)	33:38	00:00	0	897597	571440	195466	123303	1.57	AVB/AVB	DM
	PCB 85 (BZ)	34:15	00:00	0	949273	592116	198645	124947	1.60	AVV/AVV	D
	PCB 82 (BZ)	34:47	00:00	0	754038	469314	152835	98629	1.61	AVV/AVV	D
	PCB 120 (BZ)	35:28	00:00	0	1363748	878526	293306	189876	1.55	AVV/AVB	D
	PCB 124 (BZ)	36:42	00:00	0	1586568	1029357	314754	202252	1.54	AVV/AVV	D
	PCB 106 (BZ)	37:09	00:00	0	1531615	987358	304622	199797	1.55	AVV/AVV	
	PCB 122 (BZ)	37:46	00:00	0	1409039	919753	287701	188087	1.53	AVV/AVV	D
	PCB 105 (BZ)	38:37	00:00	0	1539362	986309	314725	205936	1.56	ABV/AVV	
	PCB 127 (BZ)	39:59	00:00	0	1599771	999541	331109	209748	1.60	AVV/AVV	
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	170	143	68	57	1.19 *	/	
	13C12-PCB 104	26:29	00:00	0	1220882	751773	285931	176269	1.62	ABV/ABV	D
	13C12-PCB 95	29:31	00:00	0	972425	603376	209328	130202	1.61	ABV/ABV	D
	13C12-PCB 101	32:22	00:00	0	954513	593295	202553	127206	1.61	ABV/AVV	
	13C12-PCB 111	35:00	00:00	0	1218841	763829	260674	162030	1.60	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 cemax 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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030713.	Prep Date		SDG No	
Analysis ID	96241	Prep Exp Date		Date Received	
Analysis Date	03/08/07 03:20	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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		
	13C12-PCB 123	37:01	00:00	0	1453726	917352	311605	192277	1.58	ABV/ABV	D
	13C12-PCB 118	37:21	00:00	0	1531500	979968	320519	199453	1.56	AVV/AVV	D
	13C12-PCB 114	37:52	00:00	0	1503952	932247	310141	188554	1.61	AVV/AVV	D
	13C12-PCB 105	38:35	00:00	0	1464115	904694	301245	185710	1.62	ABV/ABV	D
	13C12-PCB 127	39:58	00:00	0	1608071	992867	325514	208732	1.62	ABV/ABV	
	13C12-PCB 126	41:38	00:00	0	1557087	966794	327419	200057	1.61	ABV/AVV	D
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	188	153	75	61	1.23	/	
	PCB 152 (BZ)	32:24	00:00	0	1011094	788620	219366	172072	1.28	ABV/ABV	D
	PCB 136 (BZ)	32:59	00:00	0	984547	775994	216541	166820	1.27	ABV/ABV	D
	PCB 148 (BZ)	34:37	00:00	0	736983	577445	161111	123117	1.28	ABV/ABV	D
	PCB 151 (BZ)	35:17	00:00	0	736918	568243	153582	117238	1.30	ABV/ABV	D
	PCB 144 (BZ)	35:50	00:00	0	758399	599912	161221	126312	1.26	AVV/ABV	D
	PCB 143 (BZ)	36:33	00:00	0	843130	679512	176397	143006	1.24	AVV/AVV	D
	PCB 142 (BZ)	37:11	00:00	0	782945	621664	167554	134453	1.26	AVB/AVV	D
	PCB 133 (BZ)	37:55	00:00	0	840480	668268	177603	151768	1.26	ABB/ABV	D
	PCB 161 (BZ)	38:41	00:00	0	1244037	983563	261343	209306	1.26	ABV/ABV	D
	PCB 153 (BZ)	39:11	00:00	0	1156811	905869	231418	185539	1.28	AVV/AVV	D
	PCB 130 (BZ)	39:51	00:00	0	810198	642880	163693	131157	1.26	ABV/AVV	
	PCB 129 (BZ)	40:35	00:00	0	757016	607294	160753	123518	1.25	ABV/ABV	
	PCB 166 (BZ)	41:40	00:00	0	1239925	974991	249843	195590	1.27	AVB/AVB	
	PCB 159 (BZ)	42:40	00:00	0	1235692	980906	247847	199832	1.26	AVV/ABV	
	PCB 167 (BZ)	43:26	00:00	0	1306653	1056488	269819	219900	1.24	AVV/AVV	
	PCB 156 (BZ)	44:36	00:00	0	1446397	1105742	269149	214902	1.31	ABV/ABV	
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	75	173	30	69	0.43 *	/	
	13C12-PCB 155	32:02	00:00	0	1013365	777970	228579	167124	1.30	ABV/ABV	D
	13C12-PCB 153	39:08	00:00	0	1111082	860152	234202	185909	1.29	ABV/AVV	D
	13C12-PCB 138	40:28	00:00	0	1011958	794661	206504	160670	1.27	AVV/ABV	
	13C12-PCB 167	43:24	00:00	0	1285153	1002496	269275	208005	1.28	AVV/AVV	
	13C12-PCB 156	44:35	00:00	0	1203673	942771	257012	201036	1.28	ABV/ABV	D
	13C12-PCB 157	44:39	00:00	0	1305575	1031665	276746	223082	1.27	AVB/AVB	M
	13C12-PCB 169	47:49	00:00	0	1232942	967976	250377	191649	1.27	ABV/ABV	D
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	205	160	82	64	1.28 *	/	
	PCB 179 (BZ)	38:15	00:00	0	1014599	964083	211415	204735	1.05	ABV/ABV	D
	PCB 176 (BZ)	39:06	00:00	0	1019742	971764	214032	203349	1.05	ABV/ABV	D
	PCB 178 (BZ)	40:53	00:00	0	719797	687868	147423	140453	1.05	ABV/ABV	D
	PCB 175 (BZ)	41:30	00:00	0	761383	721661	153771	146052	1.06	AVV/AVV	D
	PCB 183 (BZ)	42:22	00:00	0	830241	793393	170075	164963	1.05	ABV/ABV	D
	PCB 177 (BZ)	43:07	00:00	0	697309	658925	144550	135448	1.06	AVV/ABV	D
	PCB 171 (BZ)	43:44	00:00	0	727668	696092	150439	146282	1.05	ABV/ABV	D
	PCB 172 (BZ)	45:18	00:00	0	723889	697177	149660	142167	1.04	AVV/AVV	D
	PCB 191 (BZ)	46:18	00:00	0	1041084	981611	211220	192297	1.06	AVV/AVV	D

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

IsoCalc

Workorder	2990:75MIX1	Prep Batch		Lot No	
Data File	/20070307rt/a07030713.	Prep Date		SDG No	
Analysis ID	96241	Prep Exp Date		Date Received	
Analysis Date	03/08/07 03:20	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

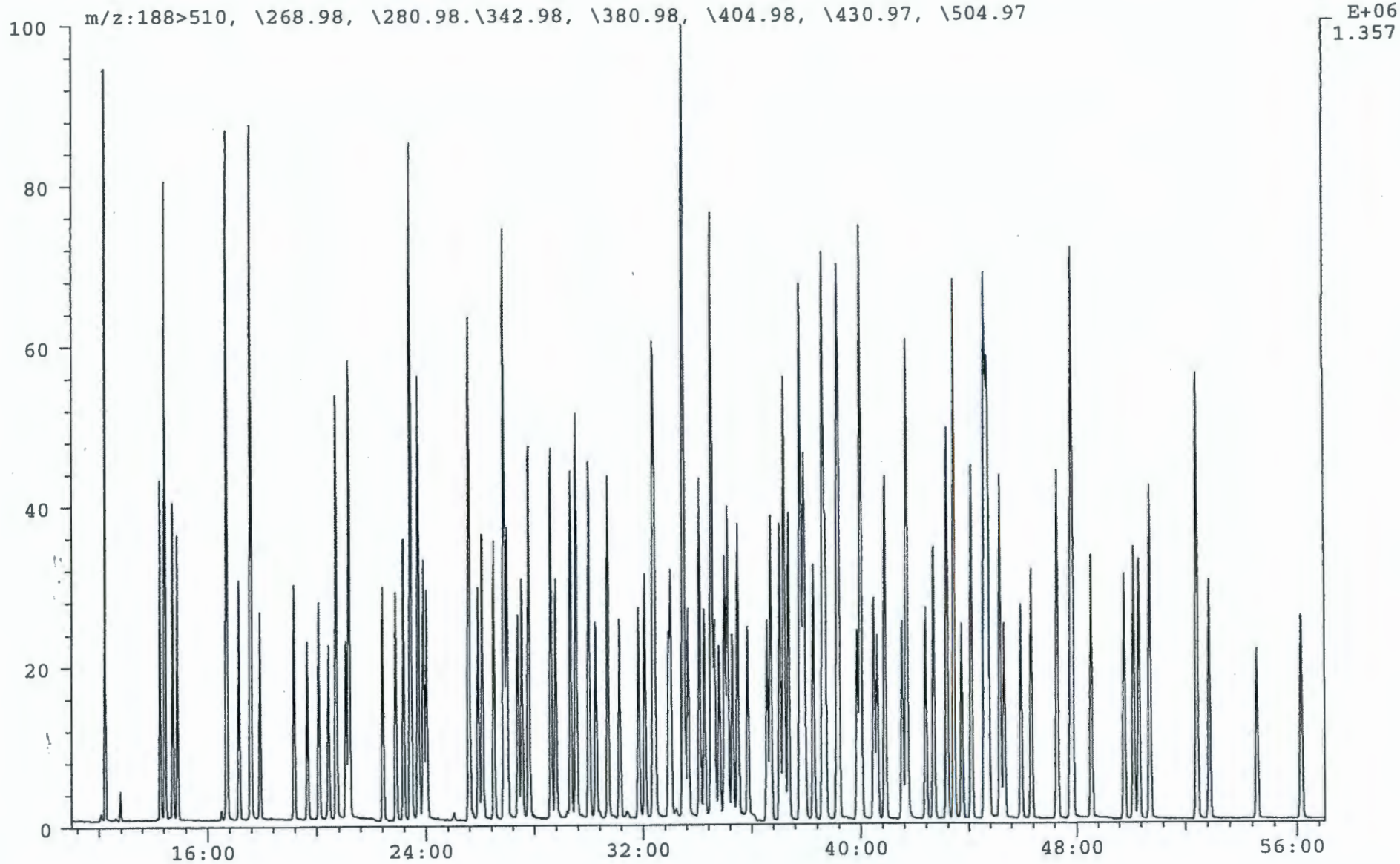
View Small Peaks? False View deleted peaks? False

Mass	Peak Name	RT	Pred RT	Δ	Area 1	Area 2	Height1	Height2	Ratio	Integration	Flags
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	PCB 170 (BZ)	47:17	00:00	0	730493	693026	145324	136249	1.05	AVV/AVV	D
	PCB 190 (BZ)	47:46	00:00	0	1115886	1068082	203906	194429	1.04	AVV/ABV	D
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	150	148	60	59	1.02	/	
	13C12-PCB 188	37:47	00:00	0	1073043	998166	224848	205754	1.08	ABV/ABV	D
	13C12-PCB 178	40:51	00:00	0	686821	646690	150316	136095	1.06	ABV/ABV	
	13C12-PCB 180	45:55	00:00	0	869803	809904	175671	164412	1.07	ABV/ABV	
	13C12-PCB 170	47:14	00:00	0	720962	683642	144437	139447	1.05	ABV/AVV	
	13C12-PCB 189	50:19	00:00	0	1177518	1116800	226092	213442	1.05	ABV/ABV	D
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	178	233	71	93	0.76	/	
	PCB 200 (BZ)/201 (IUPAC	44:04	00:00	0	1274649	1413299	265732	291480	0.90	ABV/ABV	
	PCB 204 (BZ)	44:42	00:00	0	1246856	1384379	249217	281310	0.90	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:09	00:00	0	1249373	1398392	255707	275965	0.89	AVV/AVV	D
	PCB 198 (BZ)	47:49	00:00	0	896508	989279	187986	202553	0.91	ABV/ABV	D
	PCB 196 (BZ)	48:32	00:00	0	936347	1025255	189824	202639	0.91	AVV/AVV	D
	PCB 195 (BZ)	50:06	00:00	0	989439	1122478	196263	224609	0.88	AVV/AVV	
	PCB 194 (BZ)	52:24	00:00	0	1080851	1203782	220487	242290	0.90	ABV/ABV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	145	125	58	50	1.16 *	/	
	13C12-PCB 202	43:08	00:00	0	826638	915803	164481	193947	0.90	ABV/ABV	D
	13C12-PCB 194	52:23	00:00	0	682737	751923	135299	148872	0.91	ABV/ABV	
	13C12-PCB 205	52:50	00:00	0	957957	1063110	185213	208706	0.90	ABV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	165	350	66	140	0.47 *	/	
	PCB 207 (BZ)	50:42	00:00	0	1122057	1415480	221997	284098	0.79	ABV/ABV	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	148	160	59	64	0.92 *	/	
	13C12-PCB 208	49:46	00:00	0	817414	1016047	165537	204495	0.80	AVV/AVV	
	13C12-PCB 206	54:33	00:00	0	552809	706071	111554	135399	0.78	AVV/ABV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	75	108	30	43	0.70	/	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	203	208	81	83	0.98 *	/	
	13C12-PCB 209	56:07	00:00	0	633877	890925	116317	163822	0.71	ABV/ABV	

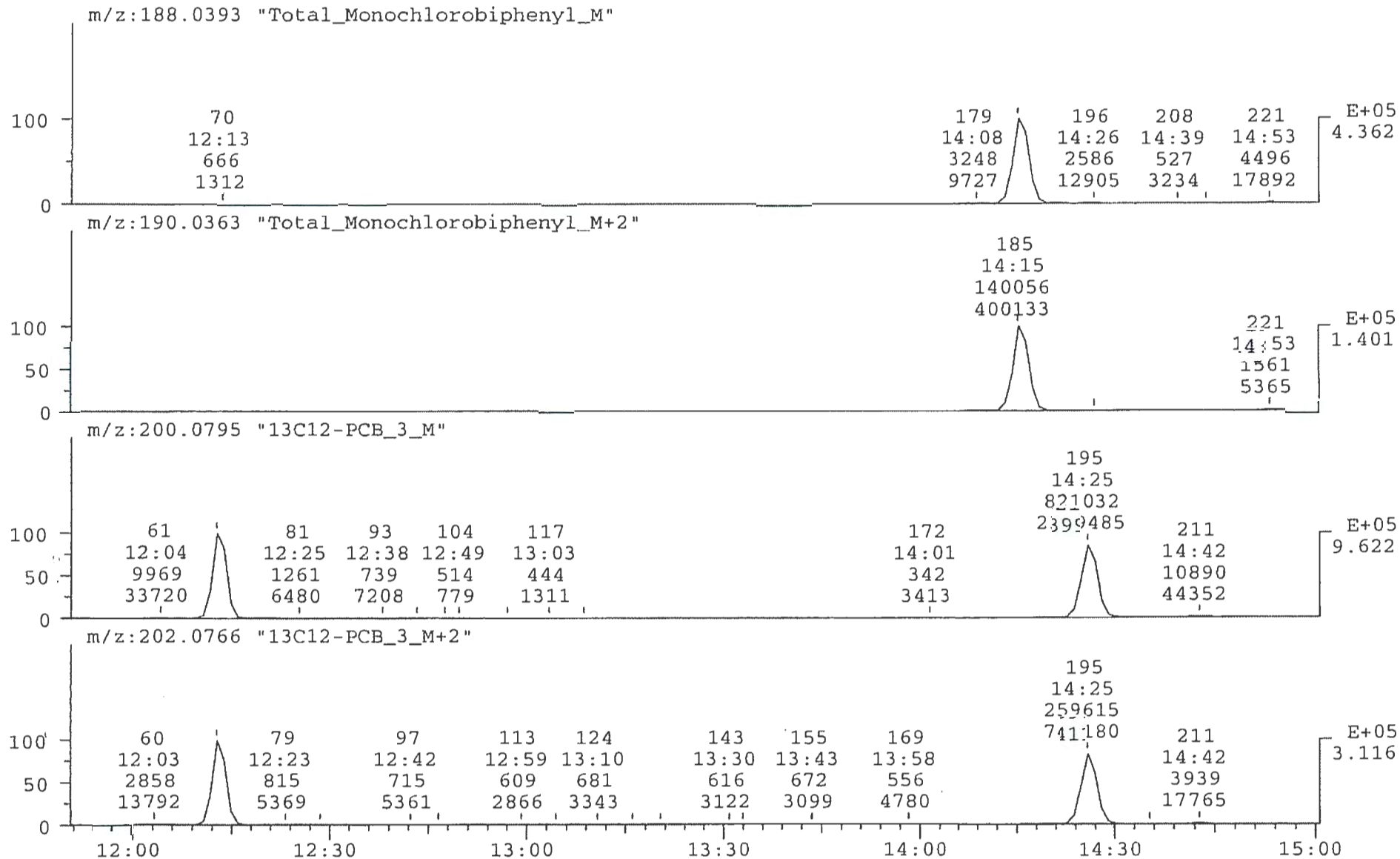
Notes:
R = ratio is outside limits M = data changed manually N = Peak not reported S = peak less than 2.5x S/N
T = peaks outside comax limit D = peak outside RT window W = peak outside first/last X = peak has dup match

Int DCS 3-17-07
Calc DCS 3-19-07
QC KSW 3/19/07

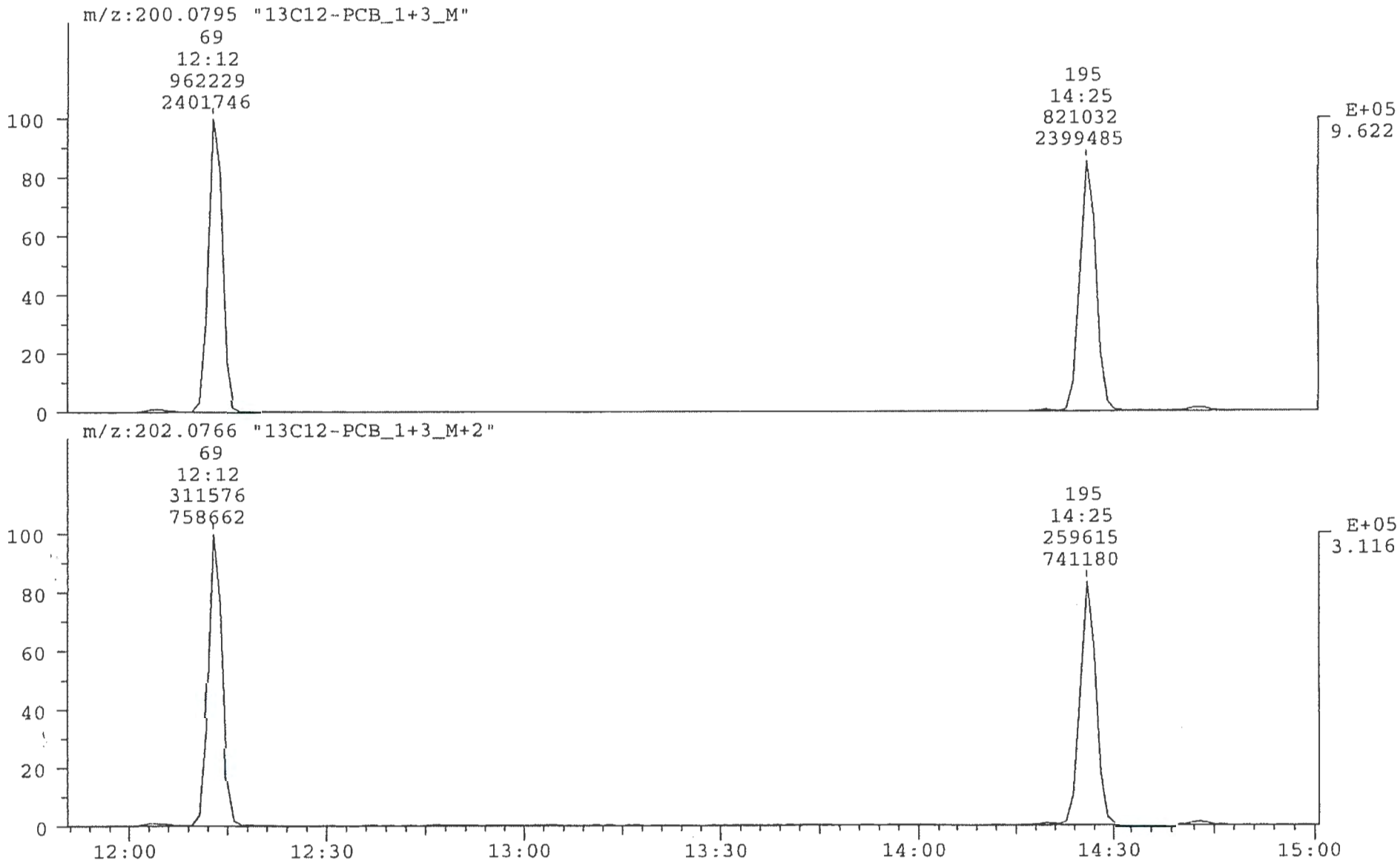
CHRO: a07030713 08-Mar-07 Elapse: 56:13 2554
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 03:20:29 2599
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2 > 2599 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



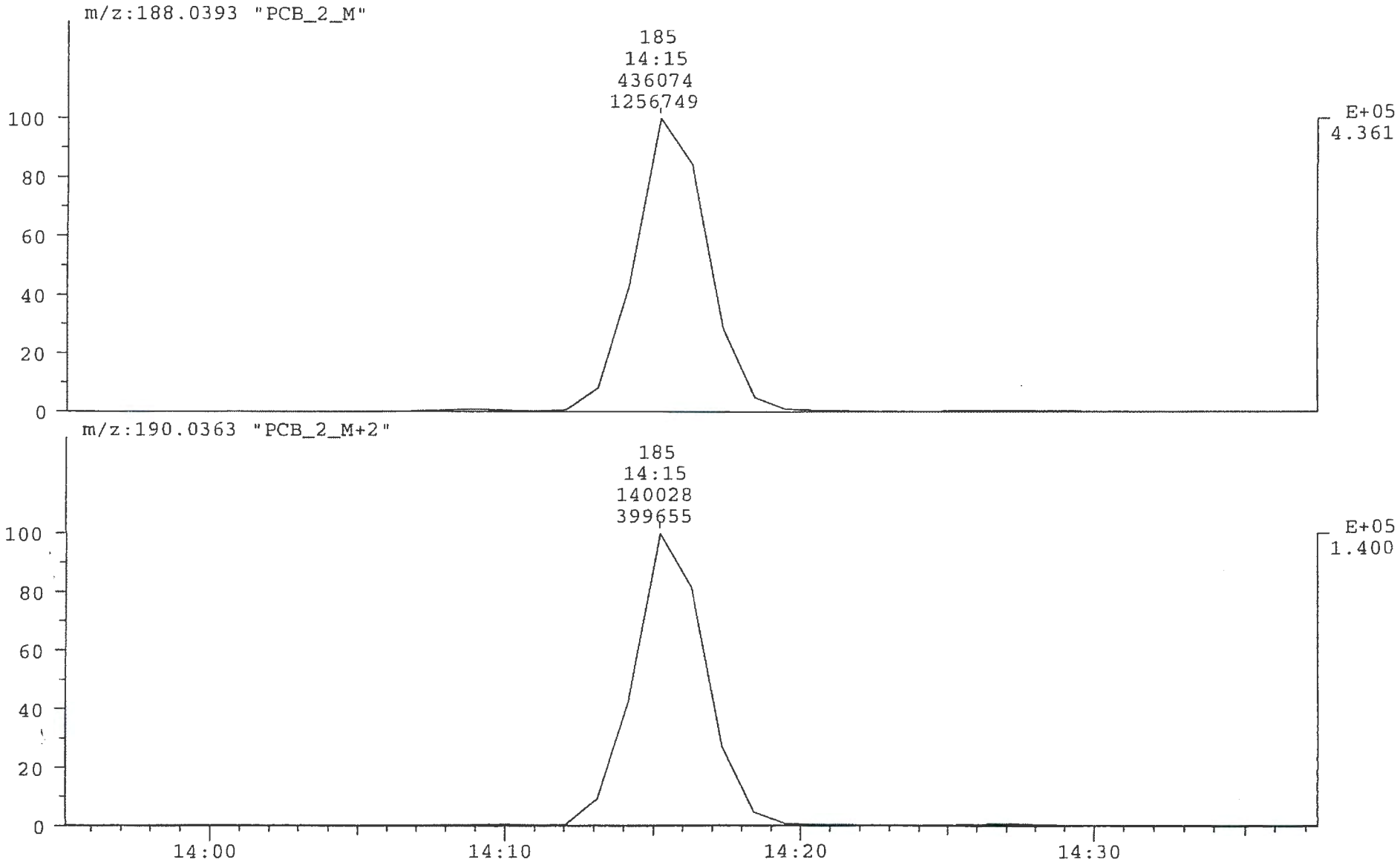
```
CHRO:  a07030713                                08-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



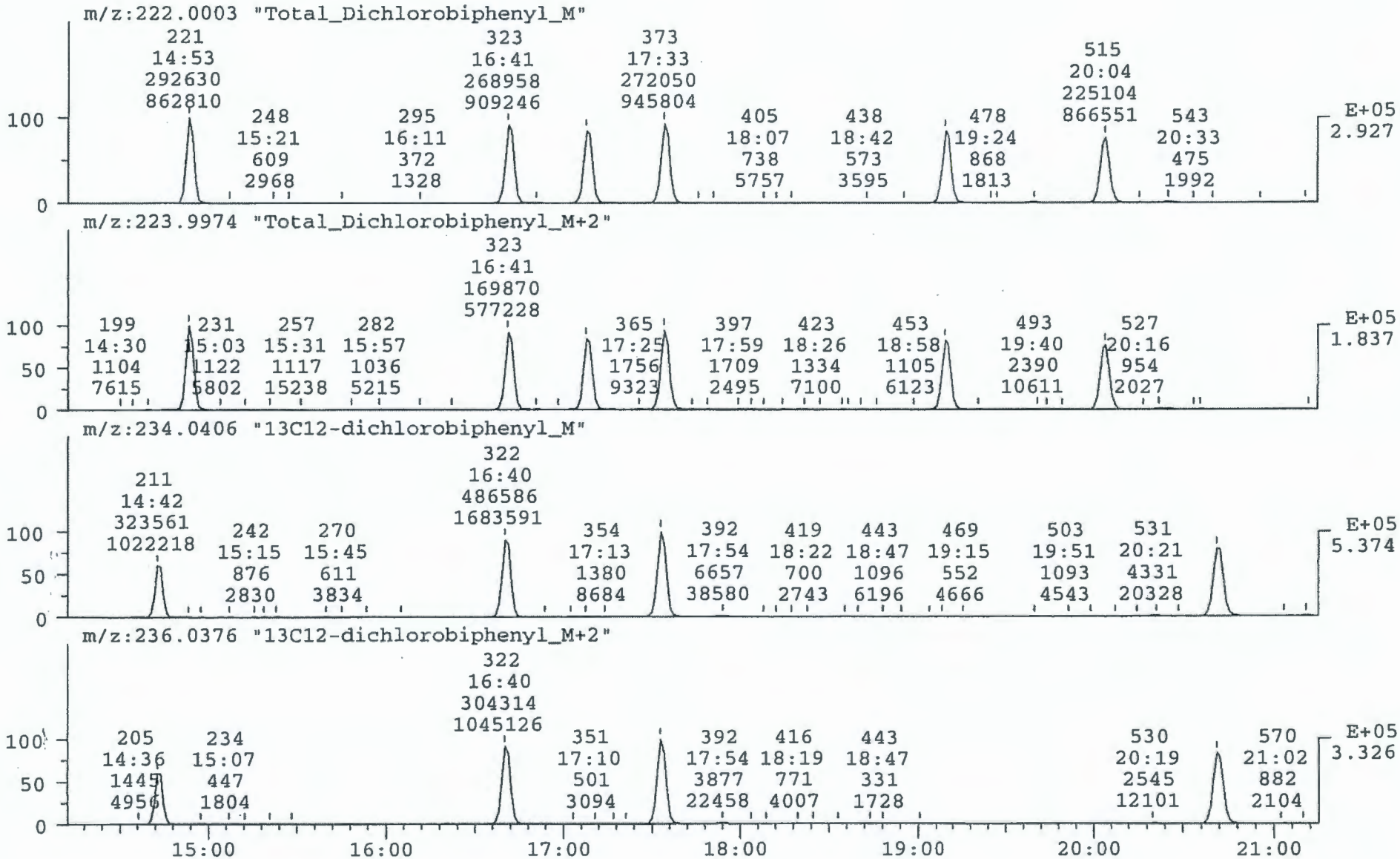
```
CHRO:  a07030713                                08-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



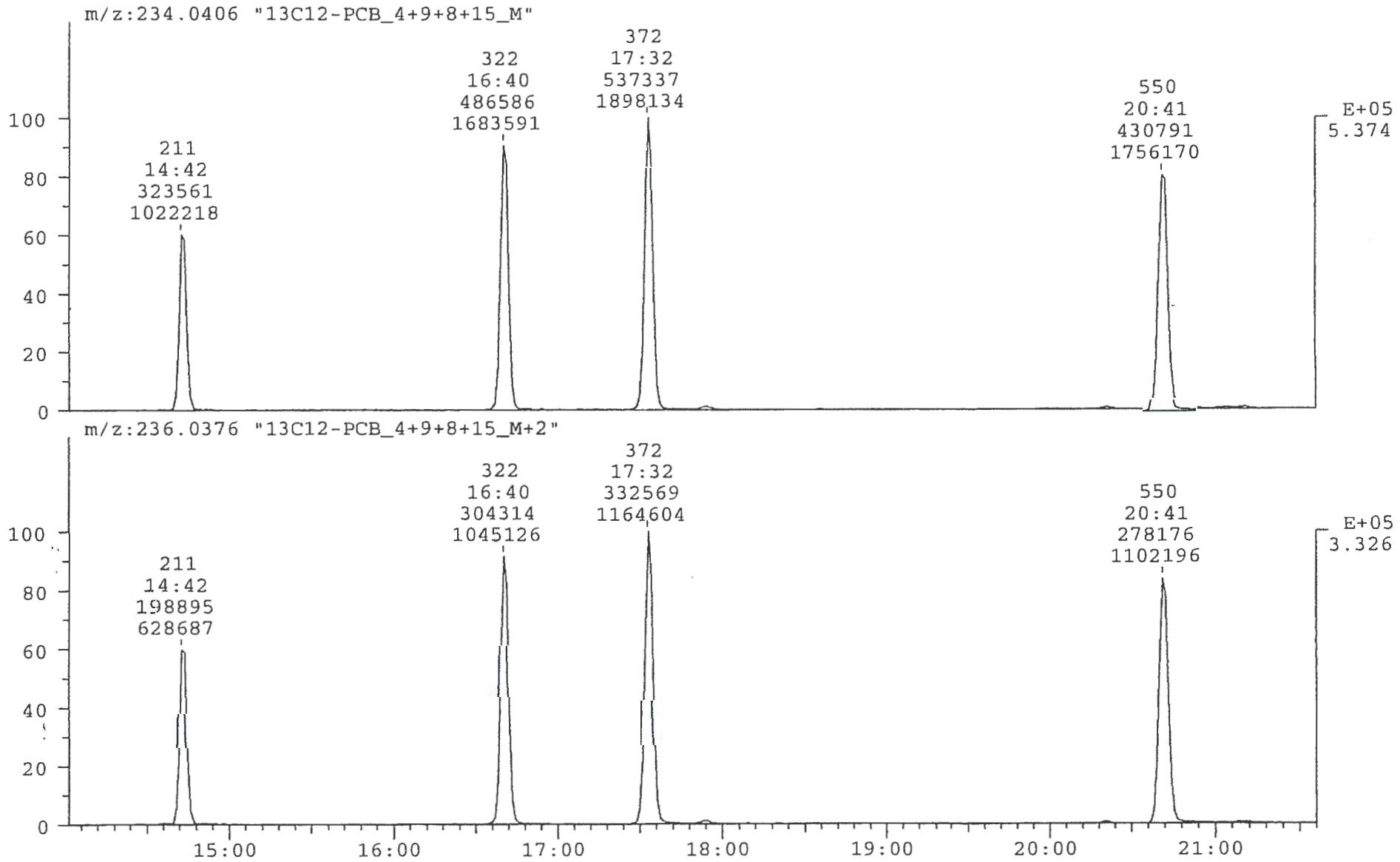
```
CHRO:  a07030713                                08-Mar-07   Elapse:  14:16.3      186
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   166 > 206             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a07030713                                08-Mar-07   Elapse:  17:43.5      382
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```

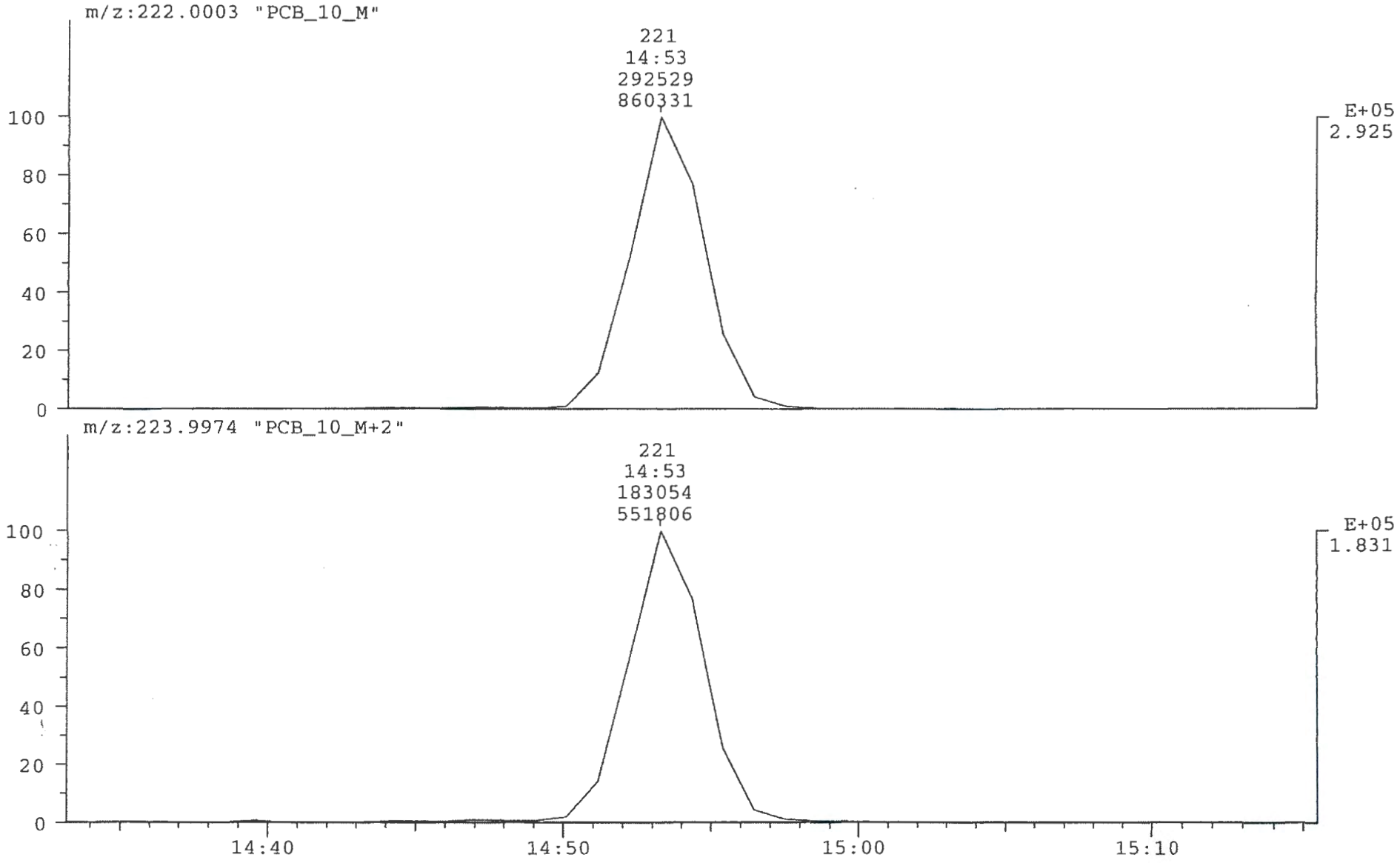


```
CHRO:  a07030713                                08-Mar-07   Elapse:  17:43.5      382
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



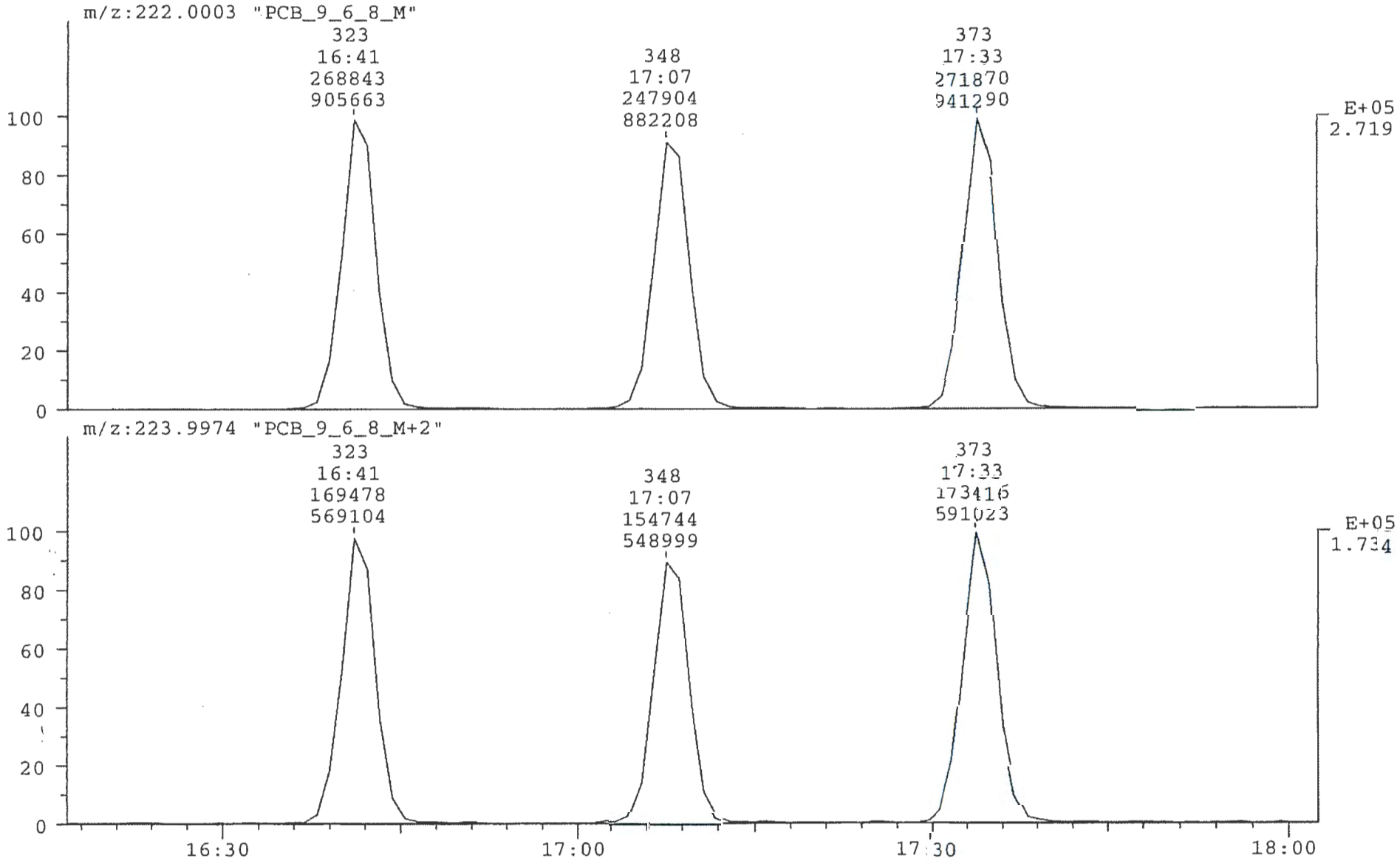
1993

```
CHRO:  a07030713                                08-Mar-07   Elapse:  14:54.3      222
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   202 > 242             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



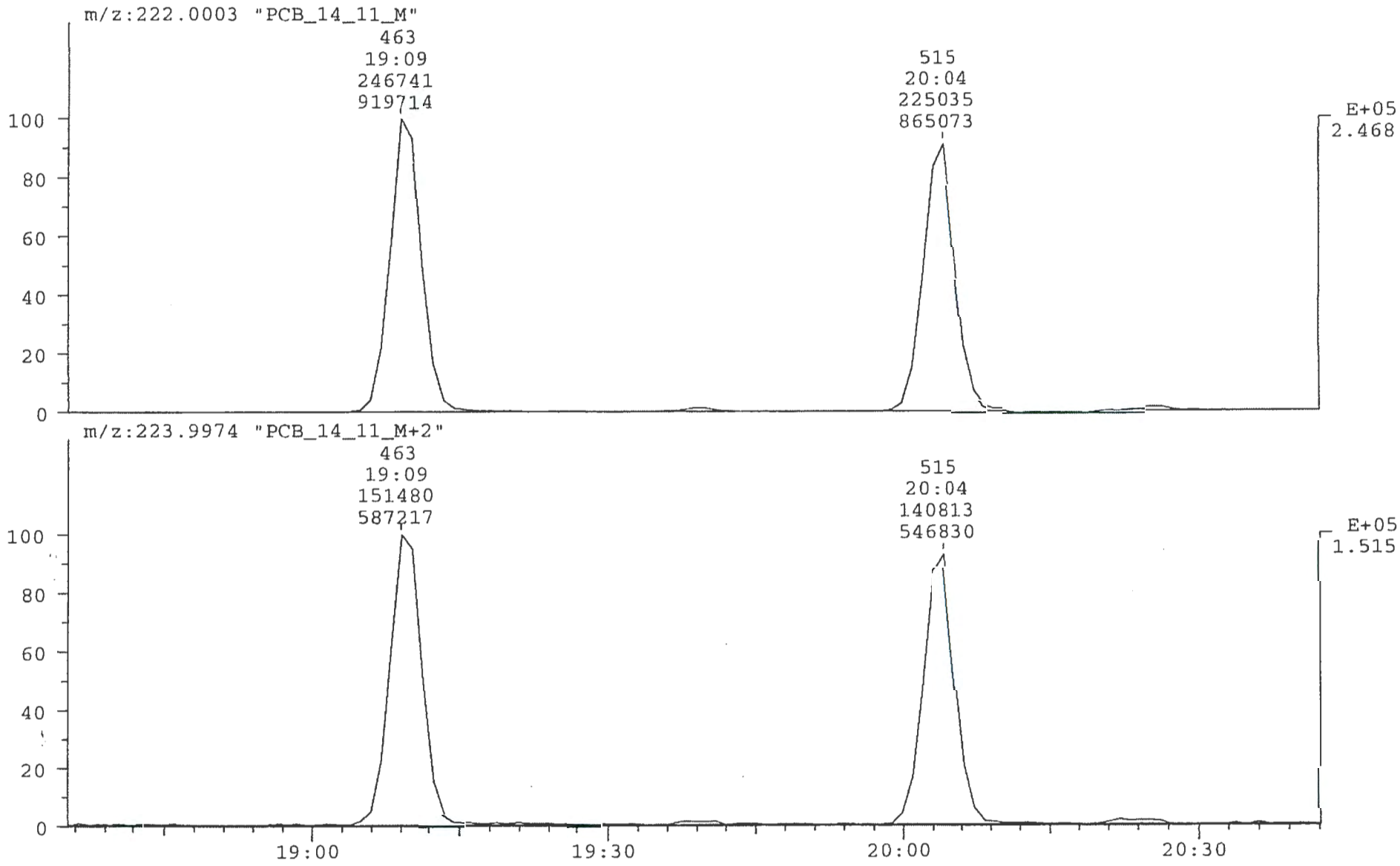
1994

CHRO: a07030713 08-Mar-07 Elapse: 17:09.6 350
Samp: Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1 Start : 03:20:29 2599
Comm: Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : 1668 RT Mix1/Run3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 300 > 400 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



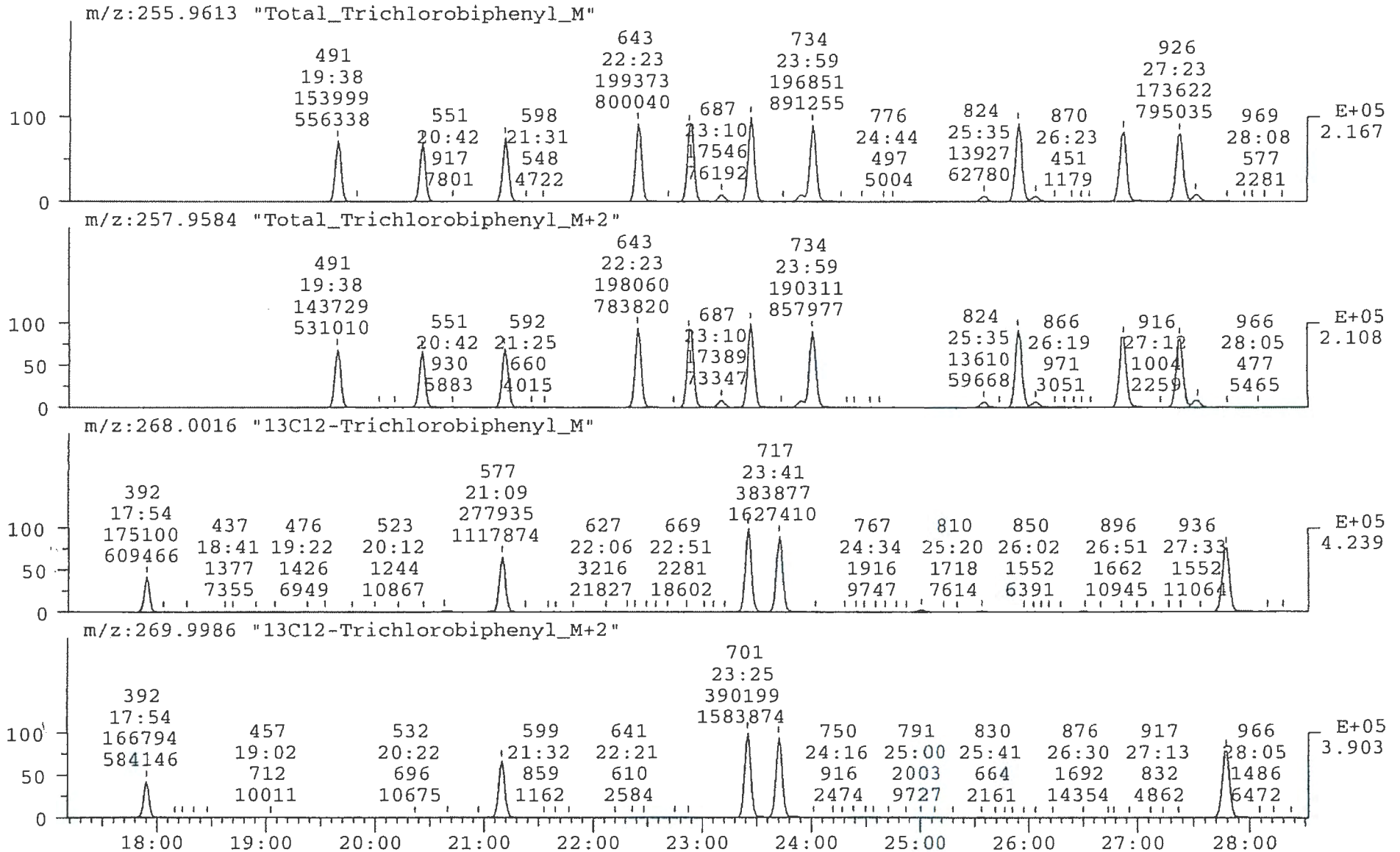
1995

```
CHRO:  a07030713                                08-Mar-07   Elapse:  19:38.7      491
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   431 > 551             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



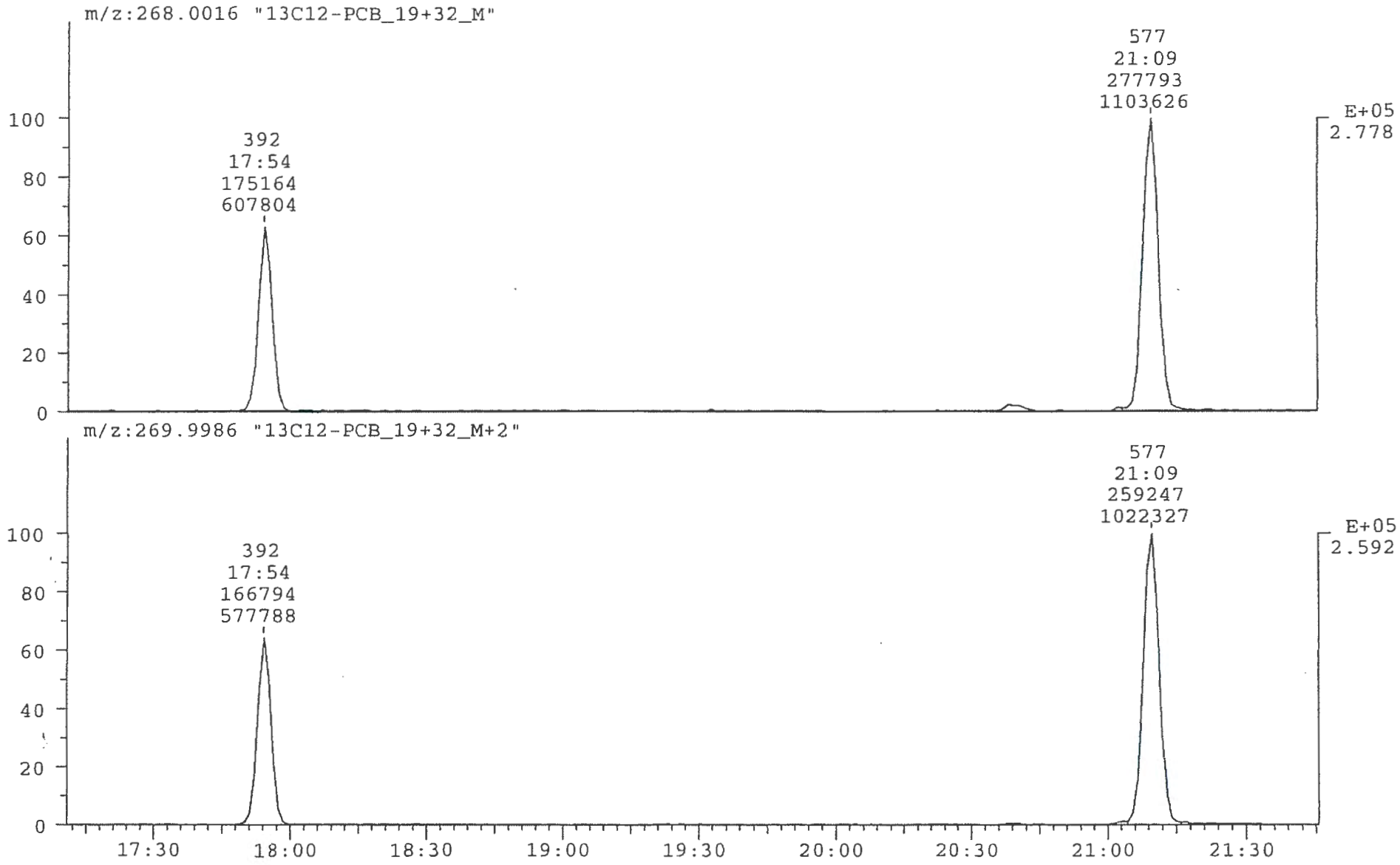
1996

```
CHRO:  a07030713                                08-Mar-07   Elapse:  22:53.2      671
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```

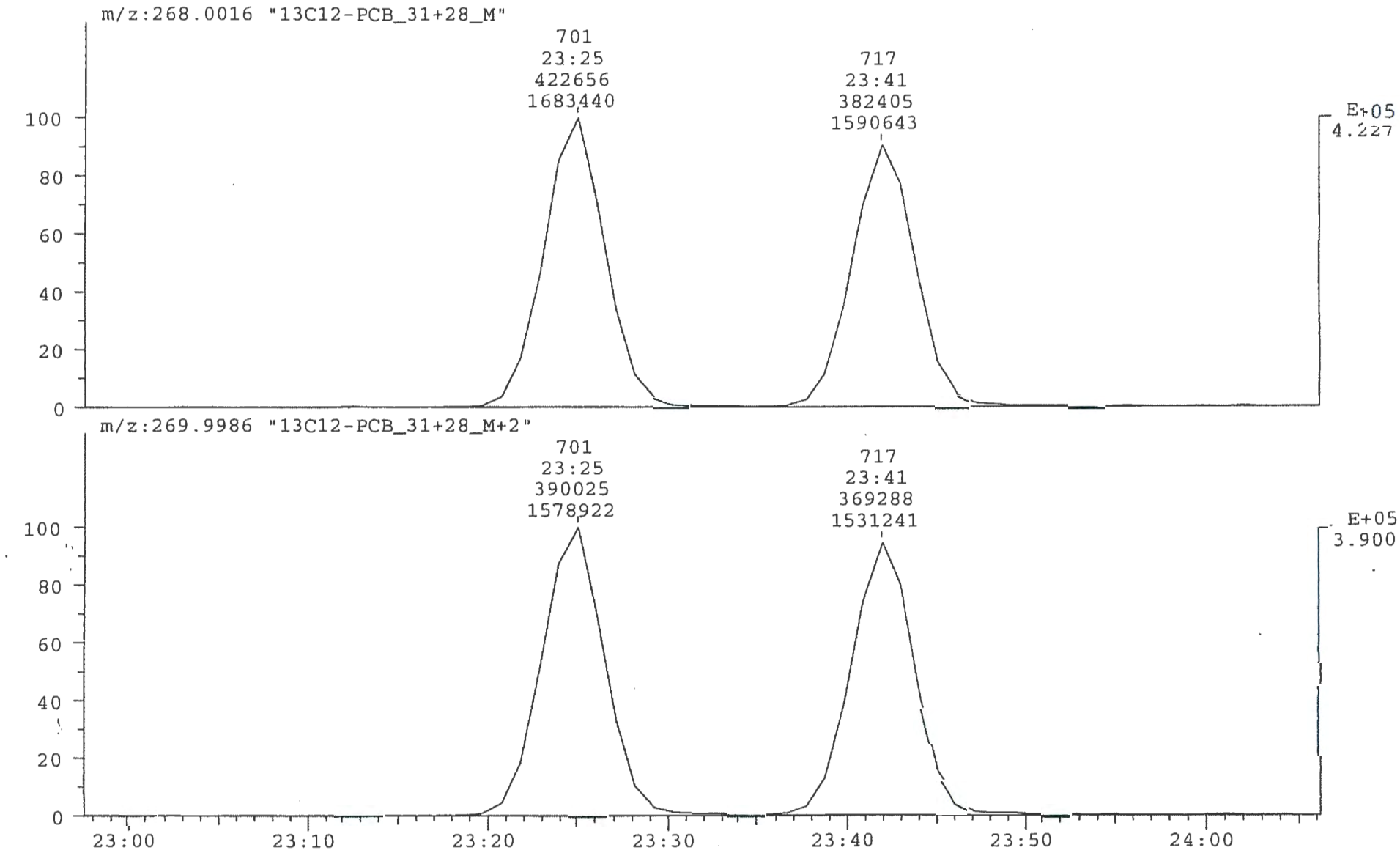
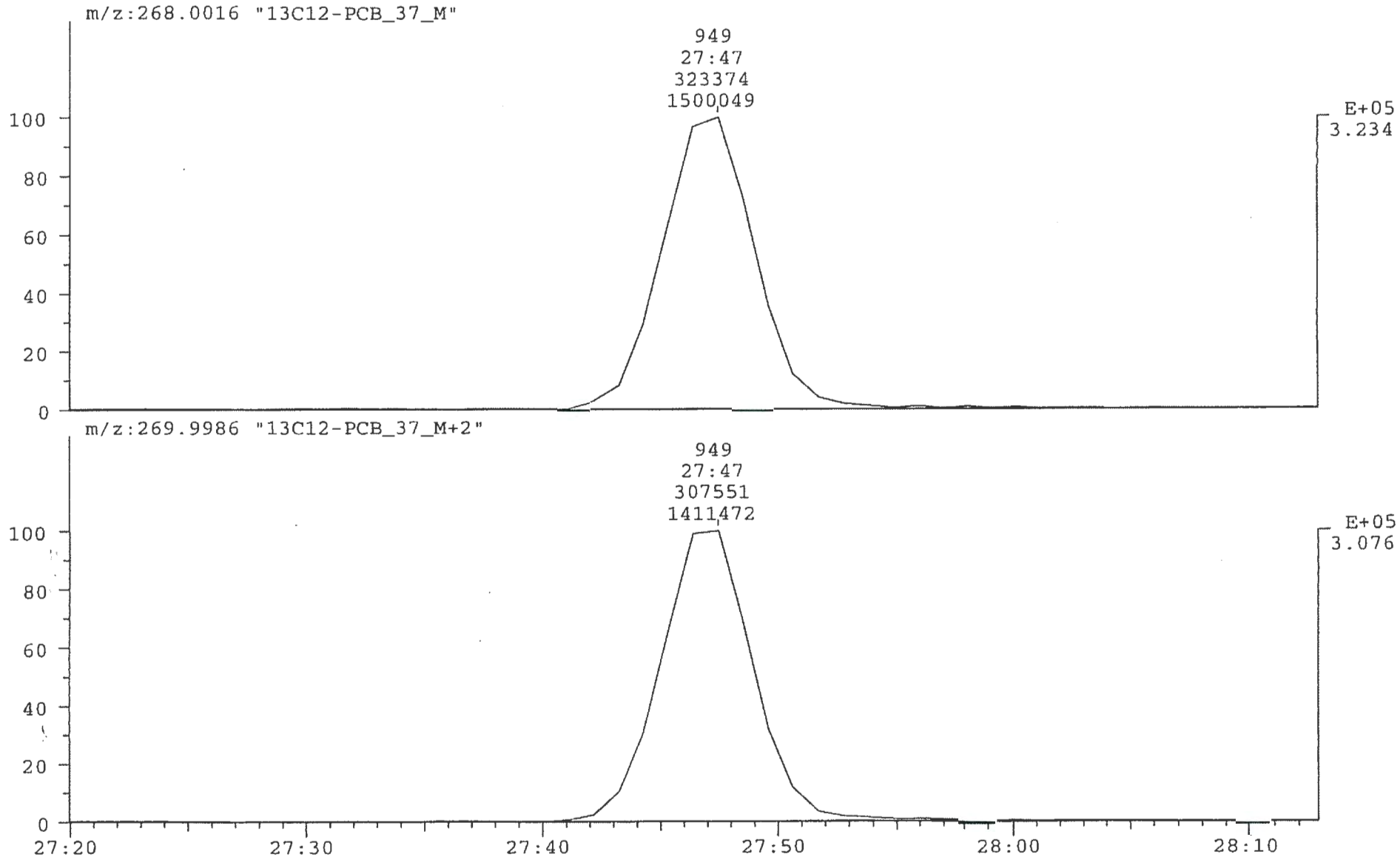


1997

```
CHRO:  a07030713                                08-Mar-07  Elapse:  19:17.5      471
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
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
```



```
CHRO:  a07030713                                08-Mar-07   Elapse:  23:23.9      700
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1                 Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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:  a07030713                                08-Mar-07  Elapse:  27:46.3      948
Samp:  Vial 3 WO=2990:75Mix1 Meth=IE3 Dil=1               Start :  03:20:29    2599
Comm:  Inst=m1d/35055-03a Batch=20070307rt Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  1668 RT Mix1/Run3
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
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
```