AR TARGET SHEET

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

EDMC#: 0074263
SECTION: 3 OF 6

DOCUMENT #: J00140

TITLE: Administrative Record Index

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS2	Prep Batch		Lot No	
Data File	/20070313i/a070313i2.d	Prep Date		SDG No	
Analysis ID	96220	Prep Exp Date		Date Received	
Analysis Date	03/13/07 21:18	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 31 (BZ)	23:25	00:00	0	212177	204874	52442	51139	1.04	AVV/AVB	D
	PCB 28 (BZ)	23:42	00:00	0	404833	380913	49204	49214	1.06	AVV/ABV	D
	PCB 20 (BZ)	23:47	00:00	0	0	0	0	0	0.00 *	/	
	PCB 21 (BZ)	23:54	00:00	0	399834	399948	48125	51108	1.00	AVV/AVV	D
	PCB 33 (BZ)	24:01	00:00	0	0	0	0	0	0.00 *	/	
	PCB 22 (BZ)	24:24	00:00	0	197284	183787	47270	40933	1.07	AVB/AVV	D
	PCB 36 (BZ)	25:53	00:00	0	207196	196856	49147	43689	1.05	AVV/AVV	M
	PCB 39 (BZ)	26:16	00:00	0	216913	197522	48706	44119	1.10	ABV/AVV	D
	PCB 38 (BZ)	26:51	00:00	0	197244	194462	43032	42394	1.01	AVV/AVV	D
	PCB 35 (BZ)	27:21	00:00	0	193594	186546	44929	41931	1.04	AVV/AVV	
	PCB 37 (BZ)	27:47	00:00	0	199303	186165	43903	40751	1.07	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	620	330	248	132	1.88 *	/	
	13C12-PCB 19	17:53	00:00	0	1340088	1257550	379865	357799	1.07	AVV/AVV	
	13C12-PCB 32	21:09	00:00	0	2402369	2231999	615342	562817	1.08	AVV/AVV	
	13C12-PCB 31	23:24	00:00	0	3898522	3684570	954583	899179	1.06	ABV/ABV	
	13C12-PCB 28	23:41	00:00	0	220965	187090	43955	41771	1.18	AVB/AVV	M
	13C12-PCB 37	27:46	00:00	0	3410375	3224962	753396	711648	1.06	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	235	218	94	87	1.08 *	/	
	PCB 54 (BZ)	21:03	00:00	0	74061	92396	19730	25503	0.80	ABV/ABV	
	PCB 53 (BZ)	23:10	00:00	0	186873	238341	32965	41899	0.78	ABV/ABV	
	PCB 50 (BZ)	23:15	00:00	0	0	0	0	0	0.00 *	/	
	PCB 45 (BZ)	23:54	00:00	0	172102	218825	30421	38711	0.79	ABB/ABV	
	PCB 51 (BZ)	23:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 46 (BZ)	24:13	00:00	0	73651	99102	17829	22276	0.74	ABV/AVV	D
	PCB 52 (BZ)	25:34	00:00	0	95930	118815	22783	28175	0.81	ABV/ABV	D
	PCB 43 (BZ)	25:41	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 73 (BZ)	25:41	00:00	0	199562	248870	28658	36824	0.80	AVV/AVV	M
	PCB 69 (BZ)	25:56	00:00	0	122076	154116	26808	34033	0.79	MVB/AVV	M
	PCB 49 (BZ)	26:01	00:00	0	98118	126793	22186	29575	0.77	MVV/AVB	M
	PCB 48 (BZ)	26:18	00:00	0	91043	115207	20824	25454	0.79	ABV/ABV	
	PCB 44 (BZ)	26:33	00:00	0	297664	382438	45278	58836	0.78	AVV/AVV	
	PCB 65 (BZ)	26:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 47 (BZ)	26:37	00:00	0	0	0	0	0	0.00 *	/	
	PCB 62 (BZ)	26:51	00:00	0	380983	482050	41384	52378	0.79	AVV/AVV	
	PCB 59 (BZ)	26:54	00:00	0	0	0	0	0	0.00 *	/	
	PCB 75 (BZ)	26:57	00:00	0	0	0	0	0	0.00 *	/	
	PCB 42 (BZ)	27:07	00:00	0	86844	115200	19594	26605	0.75	AVB/AVB	D
	PCB 41 (BZ)	27:30	00:00	0	70979	90986	17321	21845	0.78	ABV/ABV	
	PCB 71 (BZ)	27:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 40 (BZ)	27:37	00:00	0	193551	246230	33998	41875	0.79	AVV/AVV	D
	PCB 64 (BZ)	27:49	00:00	0	137908	168867	31317	38642	0.82	AVV/AVB	D
	PCB 72 (BZ)	28:34	00:00	0	127803	164633	29694	37169	0.78	ABV/ABV	M

Notes:
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Analysis ID	96220	Prep Exp Date		Date Received	
Analysis Date	03/13/07 21:18	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 68 (BZ)	28:51	00:00	0	135620	166432	29153	37905	0.81	AVV/AVV	M
	PCB 57 (BZ)	29:18	00:00	0	124064	157364	29182	34272	0.79	ABV/ABV	
	PCB 58 (BZ)	29:34	00:00	0	128678	157684	27467	34144	0.82	AVV/AVV	
	PCB 67 (BZ)	29:41	00:00	0	129889	166765	27122	35709	0.78	AVV/AVV	
	PCB 63 (BZ)	29:58	00:00	0	137452	170964	28089	35039	0.80	AVV/AVB	
	PCB 61 (BZ)	30:11	00:00	0	119744	153828	27546	34063	0.78	AVV/ABV	M
	PCB 76 (BZ)	30:20	00:00	0	0	0	0	0	0.00 *	/	
	PCB 70 (BZ)	30:21	00:00	0	383661	484327	73207	95367	0.79	AVB/AVB	
	PCB 74 (BZ)	30:24	00:00	0	0	0	0	0	0.00 *	/	
	PCB 66 (BZ)	30:40	00:00	0	131695	159929	30120	33806	0.82	ABV/ABV	
	PCB 55 (BZ)	30:52	00:00	0	120995	146996	27332	30605	0.82	AVB/AVB	
	PCB 56 (BZ)	31:23	00:00	0	120299	158997	28121	35671	0.76	ABV/ABV	
	PCB 60 (BZ)	31:35	00:00	0	120657	151669	26633	31695	0.80	AVV/AVV	
	PCB 80 (BZ)	31:52	00:00	0	142948	183228	28046	40213	0.78	AVV/AVV	
	PCB 79 (BZ)	33:28	00:00	0	136195	165479	26889	34878	0.82	ABV/ABV	
	PCB 78 (BZ)	34:03	00:00	0	122662	151086	25410	30015	0.81	ABV/ABV	
	PCB 81 (BZ)	34:30	00:00	0	131862	167403	26084	35606	0.79	ABV/AVV	
	PCB 77 (BZ)	35:06	00:00	0	126916	159809	26452	34916	0.79	ABB/ABB	M
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	190	185	76	74	1.03 *	/	
	13C12-PCB 54	21:02	00:00	0	1242091	1544025	311018	385155	0.80	ABV/ABV	
	13C12-PCB 52	25:32	00:00	0	1701638	2147378	399464	508863	0.79	ABV/ABV	
	13C12-PCB 79	33:27	00:00	0	118097	140378	23424	29661	0.84	ABV/ABV	
	13C12-PCB 81	34:29	00:00	0	2114579	2653896	438272	550682	0.80	ABV/ABV	M
	13C12-PCB 77	35:04	00:00	0	2125945	2680625	437560	578031	0.79	ABB/ABB	M
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	300	223	120	89	1.35	/	
	PCB 104 (BZ)	26:30	00:00	0	127468	78992	29718	18813	1.61	ABV/ABB	
	PCB 96 (BZ)	26:57	00:00	0	111927	76494	25689	17402	1.46	ABB/AVB	D
	PCB 103 (BZ)	28:45	00:00	0	98342	59543	22915	13107	1.65	ABV/ABV	M
	PCB 94 (BZ)	29:02	00:00	0	82428	50941	17402	11574	1.62	AVB/AVB	D
	PCB 100 (BZ)	29:36	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 95 (BZ)	29:36	00:00	0	195018	113848	23508	14851	1.71	ABV/MVV	M
	PCB 93 (BZ)	29:43	00:00	0	76469	53279	18372	12053	1.44	AVV/MVV	DM
	PCB 102 (BZ)	29:50	00:00	0	175401	110595	23842	14996	1.59	AVB/AVB	
	PCB 98 (BZ)	29:54	00:00	0	0	0	0	0	0.00 *	/	
	PCB 88 (BZ)	30:14	00:00	0	78342	49659	17975	11755	1.58	ABV/ABV	
	PCB 91 (BZ)	30:21	00:00	0	94368	63087	22481	13413	1.50	AVB/AVV	D
	PCB 84 (BZ)	30:38	00:00	0	71808	52367	15802	11451	1.37	ABB/AVB	M
	PCB 89 (BZ)	31:06	00:00	0	77168	54890	18500	11733	1.41	ABV/ABV	M
	PCB 121 (BZ)	31:19	00:00	0	132108	81592	29516	17755	1.62	AVV/AVV	M
	PCB 92 (BZ)	31:48	00:00	0	85730	55631	17213	11823	1.54	ABB/ABB	D
	PCB 113 (BZ)	32:20	00:00	0	319402	196833	55050	37085	1.62	ABV/ABV	D
	PCB 90 (BZ)	32:22	00:00	0	0	0	0	0	0.00 *	/	

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326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	PCB 101 (BZ)	32:22	00:00	0	0	0	0	0	0.00 *	/	
	PCB 83 (BZ)	32:54	00:00	0	181140	111958	32128	22360	1.62	ABV/ABV	D
	PCB 99 (BZ)	32:58	00:00	0	0	0	0	0	0.00 *	/	
	PCB 112 (BZ)	33:04	00:00	0	117591	75054	24484	16147	1.57	AVB/AVB	D
	PCB 109 (BZ)/108 (IUPAC	33:24	00:00	0	622813	387327	51490	30187	1.61	ABB/ABB	
	PCB 86 (BZ)	33:26	00:00	0	0	0	0	0	0.00 *	/	
	PCB 97 (BZ)	33:27	00:00	0	0	0	0	0	0.00 *	/	
	PCB 119 (BZ)	33:27	00:00	0	0	0	0	0	0.00 *	/	
	PCB 125 (BZ)	33:31	00:00	0	0	0	0	0	0.00 *	/	
	PCB 87 (BZ)	33:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 117 (BZ)	34:05	00:00	0	315696	208001	27463	18448	1.52	ABV/ABV	D
	PCB 116 (BZ)	34:10	00:00	0	0	0	0	0	0.00 *	/	
	PCB 85 (BZ)	34:10	00:00	0	0	0	0	0	0.00 *	/	
	PCB 110 (BZ)	34:18	00:00	0	0	0	0	0	0.00 *	/	
	PCB 115 (BZ)	34:24	00:00	0	240541	156379	50845	33389	1.54	AVV/AVV	D
	PCB 82 (BZ)	34:46	00:00	0	67716	44848	14135	9025	1.51	ABB/ABV	M
	PCB 111 (BZ)	34:59	00:00	0	123640	80275	26736	17166	1.54	ABB/AVB	D
	PCB 120 (BZ)	35:26	00:00	0	135097	84933	28310	16186	1.59	AVB/AVB	D
	PCB 108 (BZ)/107 (IUPAC	36:37	00:00	0	0	0	0	0	0.00 *	/	
	PCB 124 (BZ)	36:40	00:00	0	362901	225763	74306	44579	1.61	AVV/AVV	D
	PCB 107 (BZ)/109 (IUPAC	36:53	00:00	0	169256	105605	37105	23182	1.60	AVV/AVV	D
	PCB 123 (BZ)	37:01	00:00	0	178951	114386	35369	23666	1.56	AVV/AVV	
	PCB 106 (BZ)	37:08	00:00	0	181420	109526	38218	22734	1.66	AVV/AVV	
	PCB 118 (BZ)	37:20	00:00	0	186628	114663	37313	23881	1.63	AVB/AVV	
	PCB 122 (BZ)	37:44	00:00	0	180526	109527	36803	22610	1.65	AVV/ABV	M
	PCB 114 (BZ)	37:51	00:00	0	188033	118344	38648	23543	1.59	AVV/AVB	
	PCB 105 (BZ)	38:35	00:00	0	196803	123245	42140	23834	1.60	ABB/ABB	M
	PCB 127 (BZ)	39:57	00:00	0	197433	117892	38417	24514	1.67	AVV/AVV	
	PCB 126 (BZ)	41:38	00:00	0	179190	117901	35688	25213	1.52	AVV/AVV	M
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	268	208	107	83	1.29 *	/	
	13C12-PCB 104	26:28	00:00	0	2346310	1458378	548769	331986	1.61	ABV/ABV	D
	13C12-PCB 95	29:29	00:00	0	85994	53640	18066	11990	1.60	ABV/ABV	D
	13C12-PCB 101	32:20	00:00	0	1833281	1146699	395493	247907	1.60	AVV/AVV	
	13C12-PCB 111	34:58	00:00	0	112266	73722	24669	15018	1.52	ABV/AVV	
	13C12-PCB 123	36:59	00:00	0	3369731	2095999	688766	448563	1.61	ABV/ABV	D
	13C12-PCB 118	37:18	00:00	0	3556977	2189108	731141	454437	1.62	AVV/AVV	D
	13C12-PCB 114	37:50	00:00	0	3447007	2131563	693696	435241	1.62	AVV/AVV	D
	13C12-PCB 105	38:33	00:00	0	3378518	2126828	696796	427221	1.59	ABV/AVV	M
	13C12-PCB 127	39:55	00:00	0	3576456	2227233	749189	461738	1.61	ABV/ABV	
	13C12-PCB 126	41:37	00:00	0	3521544	2214406	713772	444602	1.59	ABV/AVV	M
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	250	240	100	96	1.04 *	/	
	PCB 155 (BZ)	32:02	00:00	0	105694	82844	21676	17509	1.28	ABV/ABB	M

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Analyst	DCG	Diluton Factor	1.00	Code	IE3

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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 152 (BZ)	32:22	00:00	0	97775	77107	20540	16187	1.27	AVV/ABV	
	PCB 150 (BZ)	32:30	00:00	0	97670	77655	21095	16443	1.26	AVB/AVB	
	PCB 136 (BZ)	32:58	00:00	0	89943	72862	19440	14423	1.23	ABV/ABV	M
	PCB 145 (BZ)	33:12	00:00	0	94426	74954	21270	15635	1.26	AVB/AVB	
	PCB 148 (BZ)	34:37	00:00	0	71549	56260	14218	12029	1.27	ABB/ABB	
	PCB 151 (BZ)	35:13	00:00	0	0	0	0	0	0.00 *	/	
	PCB 135 (BZ)	35:17	00:00	0	0	0	0	0	0.00 *	/	
	PCB 154 (BZ)	35:25	00:00	0	219858	170660	17864	14492	1.29	AVB/AVB	
	PCB 144 (BZ)	35:48	00:00	0	75105	60747	15351	13055	1.24	ABB/ABB	
	PCB 149 (BZ)	36:10	00:00	0	0	0	0	0	0.00 *	/	
	PCB 147 (BZ)	36:11	00:00	0	210143	165419	38725	29113	1.27	ABV/ABV	
	PCB 134 (BZ)	36:20	00:00	0	0	0	0	0	0.00 *	/	
	PCB 143 (BZ)	36:31	00:00	0	182302	143895	20800	16556	1.27	AVV/AVB	
	PCB 140 (BZ)	36:45	00:00	0	0	0	0	0	0.00 *	/	
	PCB 139 (BZ)	36:45	00:00	0	210896	172619	33877	26812	1.22	AVV/ABV	
	PCB 131 (BZ)	37:02	00:00	0	87359	68348	19295	14296	1.28	AVV/AVV	M
	PCB 142 (BZ)	37:09	00:00	0	94978	69302	18687	14827	1.37	AVB/AVB	
	PCB 132 (BZ)	37:32	00:00	0	90732	72620	18790	14302	1.25	ABB/ABB	M
	PCB 133 (BZ)	37:54	00:00	0	100688	78292	20992	16649	1.29	ABB/AVV	
	PCB 165 (BZ)	38:17	00:00	0	131314	107476	27263	20848	1.22	ABV/AVV	D
	PCB 146 (BZ)	38:32	00:00	0	107836	91624	23215	16957	1.18	AVV/AVV	D
	PCB 161 (BZ)	38:38	00:00	0	141846	100291	26647	21497	1.41	AVB/AVB	D
	PCB 153 (BZ)	39:09	00:00	0	261267	214952	40953	36006	1.22	ABV/ABV	D
	PCB 168 (BZ)	39:11	00:00	0	0	0	0	0	0.00 *	/	
	PCB 141 (BZ)	39:24	00:00	0	100719	80185	20047	17428	1.26	AVV/AVB	M
	PCB 130 (BZ)	39:49	00:00	0	88582	71081	17678	15034	1.25	ABV/ABV	M
	PCB 137 (BZ)	40:01	00:00	0	107596	84470	21019	17409	1.27	AVV/AVV	D
	PCB 164 (BZ)	40:09	00:00	0	131815	104157	27066	20541	1.27	AVB/AVB	M
	PCB 138 (BZ)	40:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 163 (BZ)	40:22	00:00	0	0	0	0	0	0.00 *	/	
	PCB 129 (BZ)	40:27	00:00	0	454497	364005	51176	40311	1.25	ABV/ABV	
	PCB 160 (BZ)	40:33	00:00	0	0	0	0	0	0.00 *	/	
	PCB 158 (BZ)	40:48	00:00	0	149993	121675	30751	25434	1.23	AVB/AVB	D
	PCB 166 (BZ)	41:39	00:00	0	138072	108335	29287	21613	1.27	ABV/ABV	
	PCB 128 (BZ)	41:46	00:00	0	97884	77444	21510	17407	1.26	AVV/AVV	M
	PCB 159 (BZ)	42:37	00:00	0	141740	112694	27722	22365	1.26	AVB/AVV	D
	PCB 162 (BZ)	42:55	00:00	0	137442	113502	27729	21827	1.21	ABV/AVV	
	PCB 167 (BZ)	43:24	00:00	0	150364	119140	29992	24749	1.26	AVB/AVB	
	PCB 156 (BZ)	44:29	00:00	0	0	0	0	0	0.00 *	/	
	PCB 157 (BZ)	44:34	00:00	0	295005	234343	32650	26235	1.26	ABV/ABV	
	PCB 169 (BZ)	47:48	00:00	0	167649	125099	31241	25493	1.34	AVV/ABB	M
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	238	223	95	89	1.07	/	
	13C12-PCB 155	32:00	00:00	0	2003899	1564154	438191	342794	1.28	ABV/ABV	M

Notes:
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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS2	Prep Batch		Lot No	
Data File	/20070313i/a070313i2.d	Prep Date		SDG No	
Analysis ID	96220	Prep Exp Date		Date Received	
Analysis Date	03/13/07 21:18	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
372					**371.8817**	**373.8788**	**371.8817**	**373.8788**	**1.05-1.43**		
	13C12-PCB 153	39:07	00:00	0	113091	89225	24816	19899	1.27	ABV/AVV	D
	13C12-PCB 138	40:25	00:00	0	2197233	1709846	456894	351894	1.29	ABV/ABV	M
	13C12-PCB 167	43:22	00:00	0	2741135	2114865	563255	441842	1.30	AVV/AVV	
	13C12-PCB 157	44:29	00:00	0	0	0	0	0	0.00 *	/	
	13C12-PCB 156	44:37	00:00	0	5389065	4251500	608112	475422	1.27	AVV/ABV	M
	13C12-PCB 169	47:47	00:00	0	2609192	2031604	531039	410001	1.28	ABV/AVV	M
394					**393.8025**	**395.7995**	**393.8025**	**395.7995**	**0.89-1.21**		
	Noise	00:00	00:00	0	190	210	76	84	0.90	/	
	PCB 188 (BZ)	37:46	00:00	0	107362	104867	22204	21328	1.02	ABB/ABB	
	PCB 179 (BZ)	38:13	00:00	0	102589	97971	20681	20458	1.05	ABB/ABB	M
	PCB 184 (BZ)	38:37	00:00	0	96365	97351	20146	20986	0.99	ABB/ABB	
	PCB 176 (BZ)	39:04	00:00	0	113005	102169	24119	21122	1.11	ABV/ABB	D
	PCB 186 (BZ)	39:32	00:00	0	101094	92543	19922	18814	1.09	ABB/ABB	D
	PCB 178 (BZ)	40:50	00:00	0	72650	70340	15418	14593	1.03	ABB/ABB	D
	PCB 175 (BZ)	41:27	00:00	0	81340	74391	17877	16597	1.09	ABV/ABV	D
	PCB 187 (BZ)	41:43	00:00	0	81937	80091	16819	17467	1.02	AVV/AVV	D
	PCB 182 (BZ)	41:55	00:00	0	83806	77879	16372	15261	1.08	AVB/AVB	D
	PCB 183 (BZ)	42:19	00:00	0	81839	73507	17103	15303	1.11	ABV/ABV	D
	PCB 185 (BZ)	42:28	00:00	0	79470	74295	17163	15069	1.07	AVV/AVV	D
	PCB 174 (BZ)	42:39	00:00	0	78462	72983	15715	13574	1.08	AVB/AVB	M
	PCB 177 (BZ)	43:05	00:00	0	76359	73699	14606	15494	1.04	ABB/ABB	M
	PCB 181 (BZ)	43:25	00:00	0	82473	76161	16919	15647	1.08	ABB/ABB	D
	PCB 173 (BZ)	43:35	00:00	0	0	0	0	0	0.00 *	/	
	PCB 171 (BZ)	43:42	00:00	0	140881	130674	28675	28086	1.08	ABB/ABB	M
	PCB 172 (BZ)	45:16	00:00	0	75112	68978	15205	13973	1.09	ABB/AVB	D
	PCB 192 (BZ)	45:31	00:00	0	97162	93060	18832	19196	1.04	ABB/ABV	D
	PCB 180 (BZ)	45:51	00:00	0	0	0	0	0	0.00 *	/	
	PCB 193 (BZ)	45:52	00:00	0	183590	177890	27565	26633	1.03	ABV/AVB	D
	PCB 191 (BZ)	46:15	00:00	0	108959	101842	22587	20444	1.07	AVB/ABB	D
	PCB 170 (BZ)	47:13	00:00	0	75522	67453	16322	14570	1.12	ABB/ABV	M
	PCB 190 (BZ)	47:43	00:00	0	108909	107624	22502	20021	1.01	ABV/ABV	D
	PCB 189 (BZ)	50:16	00:00	0	141198	136849	27515	27113	1.03	AVV/AVB	
406					**405.8428**	**407.8398**	**405.8428**	**407.8398**	**0.89-1.21**		
	Noise	00:00	00:00	0	190	193	76	77	0.99	/	
	13C12-PCB 188	37:44	00:00	0	2087999	2018728	425288	421403	1.03	ABV/ABV	D
	13C12-PCB 178	40:48	00:00	0	81550	77982	17620	16560	1.05	ABV/ABB	
	13C12-PCB 180	45:53	00:00	0	1701838	1587643	348298	329375	1.07	ABV/ABV	
	13C12-PCB 170	47:12	00:00	0	1417272	1334110	282245	270581	1.06	AVV/AVV	
	13C12-PCB 189	50:15	00:00	0	2650958	2542537	519666	509556	1.04	ABV/ABV	D
428					**427.7635**	**429.7606**	**427.7635**	**429.7606**	**0.76-1.02**		
	Noise	00:00	00:00	0	153	155	61	62	0.98	/	
	PCB 202 (BZ)	43:07	00:00	0	70972	83606	14781	17423	0.85	ABB/ABB	
	PCB 200 (BZ)/201 (IUPAC	44:02	00:00	0	80209	91632	16927	19062	0.88	ABB/ABB	
	PCB 204 (BZ)	44:40	00:00	0	76212	86108	16649	18347	0.89	ABV/ABV	

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS2	Prep Batch		Lot No	
Data File	/20070313i/a070313i2.d	Prep Date		SDG No	
Analysis ID	96220	Prep Exp Date		Date Received	
Analysis Date	03/13/07 21:18	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		
	PCB 197 (BZ)	44:55	00:00	0	83463	88756	17494	18029	0.94	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:07	00:00	0	79791	89695	17518	17749	0.89	AVB/AVB	D
	PCB 201 (BZ)/199 (IUPAC	47:49	00:00	0	0	0	0	0	0.00 *	/	
	PCB 198 (BZ)	47:49	00:00	0	110498	126564	13562	15628	0.87	ABB/ABB	D
	PCB 196 (BZ)	48:29	00:00	0	54452	64606	10730	12900	0.84	ABV/ABV	D
	PCB 203 (BZ)	48:41	00:00	0	64981	69549	13089	13330	0.93	AVB/AVV	D
	PCB 195 (BZ)	50:05	00:00	0	74521	83514	14687	16661	0.89	ABB/ABB	M
	PCB 194 (BZ)	52:22	00:00	0	85687	93847	16416	18640	0.91	ABV/ABV	
	PCB 205 (BZ)	52:48	00:00	0	103989	121039	20538	24206	0.86	AVV/ABB	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	180	185	72	74	0.97	/	
	13C12-PCB 202	43:06	00:00	0	1582214	1752236	323042	353386	0.90	ABV/ABV	D
	13C12-PCB 194	52:20	00:00	0	1586388	1689441	320209	338750	0.94	ABV/ABV	
	13C12-PCB 205	52:47	00:00	0	2179267	2424626	437417	487854	0.90	AVV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	133	178	53	71	0.75	/	
	PCB 208 (BZ)	49:45	00:00	0	84270	105815	15390	19520	0.80	AVV/AVV	
	PCB 207 (BZ)	50:40	00:00	0	92413	114038	18244	21824	0.81	AVV/AVV	D
	PCB 206 (BZ)	54:31	00:00	0	64496	82766	12785	16133	0.78	ABB/ABB	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	165	200	66	80	0.83	/	
	13C12-PCB 208	49:43	00:00	0	1636064	2068606	321790	409588	0.79	AVV/AVV	
	13C12-PCB 206	54:30	00:00	0	1176169	1500021	239712	303807	0.78	ABV/AVV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	150	125	60	50	1.20 *	/	
	PCB 209 (BZ)	56:07	00:00	0	59560	85807	10829	14841	0.69	ABB/ABB	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	170	298	68	119	0.57 *	/	
	13C12-PCB 209	56:05	00:00	0	1234508	1737619	232982	316999	0.71	ABV/ABV	

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STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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)
Total Monochlorobiphenyl		12293535	4585651	1.000		179.236928		179.236928		0.0487
13C12-PCB 1	12:11	6801729	2527099	1.000	100.0	132.234298	132.23	132.234298		0.0449
13C12-PCB 3	14:24	6917149	2431182	1.000	100.0	134.478211	134.48	134.478211		0.0449
PCB 1 (BZ)	12:12	4156028	1749938	1.000	50.00	61.102523	122.21	61.102523		0.0159
PCB 2 (BZ)	14:13	4044327	1430347	1.000	50.00	58.960026	117.92	58.960026		0.0162
PCB 3 (BZ)	14:25	4093180	1405366	1.000	50.00	59.174380	118.35	59.174380		0.0166
Total Dichlorobiphenyl		34972272	9785037	1.000		810.780618		810.780618		0.791
13C12-PCB 4	14:41	3179252	1038191	1.000	100.0	61.808719	61.81	61.808719		0.0428
13C12-PCB 9	16:38	5143695	1581137	1.000	100.0	100.000000	100.00	100.000000		0.0428
13C12-PCB 8	17:31	2702301	784825	1.000	50.00	62.657359	125.31	62.657359		0.0547
13C12-PCB 15	20:39	5446394	1438274	1.000	100.0	105.884855	105.88	105.884855		0.0428
PCB 4 (BZ)	14:42	1868294	624532	1.000	50.00	58.765206	117.53	58.765206		0.0783
PCB 10 (BZ)	14:51	2789604	959086	1.000	50.00	64.681625	129.36	64.681625		0.0656
PCB 9 (BZ)	16:39	2991180	943885	1.000	50.00	69.355501	138.71	69.355501		0.0656
PCB 7 (BZ)	16:49	2981373	908651	1.000	50.00	69.128109	138.26	69.128109		0.0656
PCB 6 (BZ)	17:06	2995450	895078	1.000	50.00	69.454508	138.91	69.454508		0.0656
PCB 5 (BZ)	17:25	2761199	832697	1.000	50.00	64.023008	128.05	64.023008		0.0656
PCB 8 (BZ)	17:32	3126719	907564	1.000	50.00	72.498199	145.00	72.498199		0.0656
PCB 14 (BZ)	19:07	3485637	959583	1.000	50.00	80.820312	161.64	80.820312		0.0656
PCB 11 (BZ)	20:01	2870235	775611	1.000	50.00	66.551189	133.10	66.551189		0.0656
PCB 13 (BZ)	20:20	5879227	1122128	1.000	50.00	136.319691	272.64	136.319691	C12	0.0656
PCB 12 (BZ)	20:25			1.000	50.00			ND	C12	0.0656
PCB 15 (BZ)	20:40	3223354	856222	1.000	50.00	59.183269	118.37	59.183269		0.0565
Total Trichlorobiphenyl		75327437	16219759	1.000		1592.41654		1592.41654		1.84
13C12-PCB 19	17:52	2257323	658307	1.000	100.0	56.186920	56.19	56.186920		0.0868
13C12-PCB 32	21:06	4017524	1030565	1.000	100.0	100.000000	100.00	100.000000		0.0868
13C12-PCB 31	23:22	7123489	1736318	1.000	100.0	100.000000	100.00	100.000000		0.0515
13C12-PCB 28	23:38	3204512	735241	1.000	50.00	44.985147	89.97	44.985147		0.0515
13C12-PCB 37	27:43	6270793	1362508	1.000	100.0	88.029798	88.03	88.029798		0.0515
PCB 19 (BZ)	17:53	1327373	379774	1.000	50.00	58.802971	117.61	58.802971		0.117
PCB 30 (BZ)	19:36	2034606	532615	1.000	50.00	90.133579	180.27	90.133579		0.117
PCB 18 (BZ)	19:44	1418210	373088	1.000	50.00	62.827074	125.65	62.827074		0.117
PCB 17 (BZ)	20:08	1458025	373749	1.000	50.00	64.590889	129.18	64.590889		0.117
PCB 27 (BZ)	20:22	2178272	564281	1.000	50.00	96.498020	193.00	96.498020		0.117
PCB 24 (BZ)	20:29	1906789	511458	1.000	50.00	84.471252	168.94	84.471252		0.117
PCB 16 (BZ)	20:39	1258967	329861	1.000	50.00	55.772568	111.55	55.772568		0.117
PCB 32 (BZ)	21:09	2214167	536769	1.000	50.00	98.088178	196.18	98.088178		0.117
PCB 34 (BZ)	22:21	3747912	948669	1.000	50.00	59.767752	119.54	59.767752		0.0565
PCB 23 (BZ)	22:29	3784139	944074	1.000	50.00	60.345462	120.69	60.345462		0.0565
PCB 29 (BZ)	22:55			1.000	50.00			ND	C26	0.0565
PCB 26 (BZ)	22:49	7702240	1768085	1.000	50.00	122.827209	245.65	122.827209	C26	0.0565
PCB 25 (BZ)	23:04	4277954	987344	1.000	50.00	68.220303	136.44	68.220303		0.0565
PCB 31 (BZ)	23:24	3949495	942999	1.000	50.00	62.982385	125.96	62.982385		0.0565
PCB 28 (BZ)	23:41	7344655	933717	1.000	50.00	117.124820	234.25	117.124820	C20	0.0565
PCB 20 (BZ)	23:45			1.000	50.00			ND	C20	0.0565
PCB 21 (BZ)	23:57	7800898	934023	1.000	50.00	124.400502	248.80	124.400502	C21	0.0565
PCB 33 (BZ)	23:59			1.000	50.00			ND	C21	0.0565
PCB 22 (BZ)	24:22	3754557	894388	1.000	50.00	59.873719	119.75	59.873719		0.0565
PCB 36 (BZ)	25:51	4001317	883237	1.000	50.00	63.808788	127.62	63.808788		0.0565

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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	4030608	917657	1.000	50.00	64.275890	128.55	64.275890		0.0565
PCB 38 (BZ)	26:48	3800843	829085	1.000	50.00	60.611840	121.22	60.611840		0.0565
PCB 35 (BZ)	27:20	3639588	819699	1.000	50.00	58.040315	116.08	58.040315		0.0565
PCB 37 (BZ)	27:46	3696822	815187	1.000	50.00	58.953022	117.91	58.953022		0.0565
Total Tetrachlorobiphenyl		104027070	20558496	1.000		2279.15229		2279.15229		4.20
13C12-PCB 54	21:00	2409510	611034	1.000	100.0	59.975000	59.97	59.975000		0.0359
13C12-PCB 52	25:30	3590763	855248	1.000	100.0	100.000000	100.00	100.000000		0.0433
13C12-PCB 79	33:26	2469652	516437	1.000	50.00	53.435633	106.87	53.435633		0.0386
13C12-PCB 81	34:28	4592417	951374	1.000	100.0	127.895297	127.90	127.895297		0.0433
13C12-PCB 77	35:03	4651048	964401	1.000	100.0	129.528125	129.53	129.528125		0.0433
PCB 54 (BZ)	21:01	1424134	352715	1.000	50.00	59.104714	118.21	59.104714		0.155
PCB 50 (BZ)	23:13			1.000	50.00			ND	C50	0.0987
PCB 53 (BZ)	23:08	4166710	711674	1.000	50.00	90.154720	180.31	90.154720	C50	0.0987
PCB 45 (BZ)	23:52	3847900	676825	1.000	50.00	83.256658	166.51	83.256658	C45	0.0987
PCB 51 (BZ)	23:55			1.000	50.00			ND	C45	0.0987
PCB 46 (BZ)	24:11	1635739	377901	1.000	50.00	35.392334	70.78	35.392334		0.0987
PCB 52 (BZ)	25:31	2110691	504182	1.000	50.00	45.668827	91.34	45.668827		0.0987
PCB 73 (BZ)	25:39	4312159	630678	1.000	50.00	93.301787	186.60	93.301787	C43	0.0987
PCB 43 (BZ)	25:47			1.000	50.00			ND	C43	0.0987
PCB 69 (BZ)	25:54	2519225	622253	1.000	50.00	54.508239	109.02	54.508239		0.0987
PCB 49 (BZ)	26:00	2305311	541863	1.000	50.00	49.879802	99.76	49.879802		0.0987
PCB 48 (BZ)	26:17	1964641	467495	1.000	50.00	42.508756	85.02	42.508756		0.0987
PCB 65 (BZ)	26:34			1.000	50.00			ND	C44	0.0987
PCB 47 (BZ)	26:35			1.000	50.00			ND	C44	0.0987
PCB 44 (BZ)	26:32	6684618	1062401	1.000	50.00	144.634463	289.27	144.634463	C44	0.0987
PCB 62 (BZ)	26:49	8573750	925328	1.000	50.00	185.509438	371.02	185.509438	C59	0.0987
PCB 75 (BZ)	26:56			1.000	50.00			ND	C59	0.0987
PCB 59 (BZ)	26:52			1.000	50.00			ND	C59	0.0987
PCB 42 (BZ)	27:05	1929243	437275	1.000	50.00	41.742853	83.49	41.742853		0.0987
PCB 41 (BZ)	27:29	1669073	387016	1.000	50.00	36.113579	72.23	36.113579		0.0987
PCB 71 (BZ)	27:34			1.000	50.00			ND	C40	0.0987
PCB 40 (BZ)	27:36	4287955	780223	1.000	50.00	92.778087	185.56	92.778087	C40	0.0987
PCB 64 (BZ)	27:48	2952268	662850	1.000	50.00	63.877951	127.76	63.877951		0.0987
PCB 72 (BZ)	28:32	2763740	626407	1.000	50.00	59.798788	119.60	59.798788		0.0987
PCB 68 (BZ)	28:50	2941238	641080	1.000	50.00	63.639295	127.28	63.639295		0.0987
PCB 57 (BZ)	29:16	2662886	586076	1.000	50.00	57.616619	115.23	57.616619		0.0987
PCB 58 (BZ)	29:32	2832237	605077	1.000	50.00	61.280851	122.56	61.280851		0.0987
PCB 67 (BZ)	29:41	2874251	634226	1.000	50.00	62.189904	124.38	62.189904		0.0987
PCB 63 (BZ)	29:56	2994331	639796	1.000	50.00	64.788064	129.58	64.788064		0.0987
PCB 61 (BZ)	30:10	2635929	583229	1.000	50.00	57.033353	114.07	57.033353		0.0987
PCB 70 (BZ)	30:20	8554343	1686173	1.000	50.00	185.089531	370.18	185.089531	C70	0.0987
PCB 76 (BZ)	30:19			1.000	50.00			ND	C70	0.0987
PCB 74 (BZ)	30:22			1.000	50.00			ND	C70	0.0987
PCB 66 (BZ)	30:39	2849131	618817	1.000	50.00	61.646385	123.29	61.646385		0.0987
PCB 55 (BZ)	30:50	2571584	572863	1.000	50.00	55.641126	111.28	55.641126		0.0987
PCB 56 (BZ)	31:22	2714975	588649	1.000	50.00	58.743664	117.49	58.743664		0.0987
PCB 60 (BZ)	31:34	2630390	584264	1.000	50.00	56.913506	113.83	56.913506		0.0987
PCB 80 (BZ)	31:50	3195248	697812	1.000	50.00	69.135286	138.27	69.135286		0.0987
PCB 79 (BZ)	33:27	3120685	656382	1.000	50.00	67.521974	135.04	67.521974		0.0987

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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	2644541	540706	1.000	50.00	57.219690	114.44	57.219690		0.0987
PCB 81 (BZ)	34:29	2947053	586659	1.000	50.00	64.172156	128.34	64.172156		0.0993
PCB 77 (BZ)	35:05	2711091	569601	1.000	50.00	58.289895	116.58	58.289895		0.0980
Total Pentachlorobiphenyl		87331656	16028897	1.000		2147.65472		2147.65472		4.95
13C12-PCB 104	26:26	3596577	811334	1.000	100.0	127.958868	127.96	127.958868		0.0761
13C12-PCB 95	29:27	1291019	283598	1.000	50.00	35.895770	71.79	35.895770		0.0573
13C12-PCB 101	32:19	2810729	611370	1.000	100.0	100.000000	100.00	100.000000		0.0761
13C12-PCB 111	34:56	1697654	361856	1.000	50.00	60.399064	120.80	60.399064		0.0761
13C12-PCB 123	36:58	5252518	1098918	1.000	100.0	96.023709	96.02	96.023709		0.0405
13C12-PCB 118	37:17	5434056	1146549	1.000	100.0	99.342489	99.34	99.342489		0.0405
13C12-PCB 114	37:50	5311369	1078831	1.000	100.0	97.099591	97.10	97.099591		0.0405
13C12-PCB 105	38:32	5141187	1060630	1.000	100.0	93.988415	93.99	93.988415		0.0405
13C12-PCB 127	39:54	5470022	1148263	1.000	100.0	100.000000	100.00	100.000000		0.0405
13C12-PCB 126	41:36	5359493	1074448	1.000	100.0	97.979368	97.98	97.979368		0.0405
PCB 104 (BZ)	26:27	1990697	469261	1.000	50.00	55.349767	110.70	55.349767		0.115
PCB 96 (BZ)	26:56	1793646	408932	1.000	50.00	49.870919	99.74	49.870919		0.115
PCB 103 (BZ)	28:43	1483188	328876	1.000	50.00	41.238878	82.48	41.238878		0.115
PCB 94 (BZ)	29:00	1266188	291069	1.000	50.00	35.205363	70.41	35.205363		0.115
PCB 95 (BZ)	29:34	2978132	364427	1.000	50.00	82.804622	165.61	82.804622	C95	0.115
PCB 100 (BZ)	29:34			1.000	50.00			ND	C95	0.115
PCB 93 (BZ)	29:41	1228772	291326	1.000	50.00	34.165041	68.33	34.165041		0.115
PCB 102 (BZ)	29:48	2889516	377782	1.000	50.00	80.340724	160.68	80.340724	C98	0.115
PCB 98 (BZ)	29:53			1.000	50.00			ND	C98	0.115
PCB 88 (BZ)	30:12	1259355	274754	1.000	50.00	35.015377	70.03	35.015377		0.115
PCB 91 (BZ)	30:20	1509265	325201	1.000	50.00	41.963928	83.93	41.963928		0.115
PCB 84 (BZ)	30:37	1159849	252987	1.000	50.00	32.248691	64.50	32.248691		0.115
PCB 89 (BZ)	31:04	1275066	278695	1.000	50.00	35.452209	70.90	35.452209		0.115
PCB 121 (BZ)	31:18	1964878	435789	1.000	50.00	54.631890	109.26	54.631890		0.115
PCB 92 (BZ)	31:45	1383732	307592	1.000	50.00	38.473582	76.95	38.473582		0.115
PCB 113 (BZ)	32:19	5026426	900320	1.000	50.00	139.755829	279.51	139.755829	C90	0.115
PCB 90 (BZ)	32:20			1.000	50.00			ND	C90	0.115
PCB 101 (BZ)	32:20			1.000	50.00			ND	C90	0.115
PCB 83 (BZ)	32:53	2767486	510668	1.000	50.00	76.947776	153.90	76.947776	C83	0.115
PCB 99 (BZ)	32:56			1.000	50.00			ND	C83	0.115
PCB 112 (BZ)	33:02	1876839	392973	1.000	50.00	52.184035	104.37	52.184035		0.115
PCB 109 (BZ)/108 (IUPAC)	33:22	9956377	821285	1.000	50.00	276.829246	553.66	276.829246	C86	0.115
PCB 86 (BZ)	33:24			1.000	50.00			ND	C86	0.115
PCB 119 (BZ)	33:25			1.000	50.00			ND	C86	0.115
PCB 97 (BZ)	33:25			1.000	50.00			ND	C86	0.115
PCB 125 (BZ)	33:29			1.000	50.00			ND	C86	0.115
PCB 87 (BZ)	33:32			1.000	50.00			ND	C86	0.115
PCB 117 (BZ)	34:04	5085423	452094	1.000	50.00	141.396194	282.79	141.396194	C85	0.115
PCB 116 (BZ)	34:09			1.000	50.00			ND	C85	0.115
PCB 85 (BZ)	34:09			1.000	50.00			ND	C85	0.115
PCB 110 (BZ)	34:16			1.000	50.00			ND	C110	0.115
PCB 115 (BZ)	34:23	3906550	849616	1.000	50.00	108.618556	217.24	108.618556	C110	0.115
PCB 82 (BZ)	34:45	1078496	240102	1.000	50.00	29.986735	59.97	29.986735		0.115
PCB 111 (BZ)	34:57	1945642	426594	1.000	50.00	54.097048	108.19	54.097048		0.115
PCB 120 (BZ)	35:25	2091310	436809	1.000	50.00	58.147233	116.29	58.147233		0.115

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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)	36:38	5570994	1174625	1.000	50.00	105.118557	210.24	105.118557	C108	0.0852
PCB 108 (BZ)/107 (IUPAC)	36:35			1.000	50.00			ND	C108	0.0852
PCB 107 (BZ)/109 (IUPAC)	36:52	2761136	577512	1.000	50.00	52.099613	104.20	52.099613		0.0852
PCB 123 (BZ)	36:59	2801961	633496	1.000	50.00	53.345100	106.69	53.345100		0.0846
PCB 106 (BZ)	37:06	2799678	565854	1.000	50.00	52.826858	105.65	52.826858		0.0852
PCB 118 (BZ)	37:18	2912807	639175	1.000	50.00	53.602815	107.21	53.602815		0.0811
PCB 122 (BZ)	37:42	2688398	566540	1.000	50.00	50.727126	101.45	50.727126		0.0852
PCB 114 (BZ)	37:51	3015041	628608	1.000	50.00	56.765798	113.53	56.765798		0.0862
PCB 105 (BZ)	38:33	3065311	618832	1.000	50.00	59.622632	119.25	59.622632		0.0877
PCB 127 (BZ)	39:55	2912094	594112	1.000	50.00	54.948025	109.90	54.948025		0.0852
PCB 126 (BZ)	41:37	2887403	592991	1.000	50.00	53.874555	107.75	53.874555		0.0866
Total Hexachlorobiphenyl		79753753	14034255	1.000		1885.04295		1885.04295		5.74
13C12-PCB 155	31:59	3321153	731802	1.000	100.0	118.159844	118.16	118.159844		0.0699
13C12-PCB 153	39:05	1827310	382420	1.000	50.00	40.538860	81.08	40.538860		0.0607
13C12-PCB 138	40:24	3634661	758789	1.000	100.0	100.000000	100.00	100.000000		0.0563
13C12-PCB 167	43:21	4576035	916740	1.000	100.0	125.899912	125.90	125.899912		0.0563
13C12-PCB 156	44:36	9077386	1008578	1.000	200.0	249.745052	124.87	249.745052		0.0563
13C12-PCB 157								ND		0.000000
13C12-PCB 169	47:46	4376785	889572	1.000	100.0	120.417970	120.42	120.417970		0.0563
PCB 155 (BZ)	32:00	1807047	392995	1.000	50.00	54.410230	108.82	54.410230		0.132
PCB 152 (BZ)	32:21	1701799	358960	1.000	50.00	51.241211	102.48	51.241211		0.132
PCB 150 (BZ)	32:29	1658339	363712	1.000	50.00	49.932629	99.87	49.932629		0.132
PCB 136 (BZ)	32:56	1595280	340915	1.000	50.00	48.033921	96.07	48.033921		0.132
PCB 145 (BZ)	33:10	1632088	352448	1.000	50.00	49.142211	98.28	49.142211		0.132
PCB 148 (BZ)	34:34	1214645	273154	1.000	50.00	36.572991	73.15	36.572991		0.132
PCB 151 (BZ)	35:12			1.000	50.00			ND	C135	0.132
PCB 135 (BZ)	35:16			1.000	50.00			ND	C135	0.132
PCB 154 (BZ)	35:24	3731584	310312	1.000	50.00	112.358088	224.72	112.358088	C135	0.132
PCB 144 (BZ)	35:47	1230106	267868	1.000	50.00	37.038522	74.08	37.038522		0.132
PCB 147 (BZ)	36:09	3859584	680982	1.000	50.00	85.624845	171.25	85.624845	C147	0.137
PCB 149 (BZ)	36:08			1.000	50.00			ND	C147	0.137
PCB 134 (BZ)	36:19			1.000	50.00			ND	C134	0.137
PCB 143 (BZ)	36:29	3112099	355883	1.000	50.00	69.041896	138.08	69.041896	C134	0.137
PCB 139 (BZ)	36:44	3668673	585200	1.000	50.00	81.389486	162.78	81.389486	C139	0.137
PCB 140 (BZ)	36:43			1.000	50.00			ND	C139	0.137
PCB 131 (BZ)	37:00	1474947	317385	1.000	50.00	32.721689	65.44	32.721689		0.137
PCB 142 (BZ)	37:08	1592221	311243	1.000	50.00	35.323412	70.65	35.323412		0.137
PCB 132 (BZ)	37:31	1540085	320080	1.000	50.00	34.166775	68.33	34.166775		0.137
PCB 133 (BZ)	37:52	1728226	358861	1.000	50.00	38.340682	76.68	38.340682		0.137
PCB 165 (BZ)	38:15	2189341	455514	1.000	50.00	48.570516	97.14	48.570516		0.137
PCB 146 (BZ)	38:30	1928956	402240	1.000	50.00	42.793876	85.59	42.793876		0.137
PCB 161 (BZ)	38:37	2383471	505228	1.000	50.00	52.877288	105.75	52.877288		0.137
PCB 153 (BZ)	39:08	4650953	763593	1.000	50.00	103.181361	206.36	103.181361	C153	0.137
PCB 168 (BZ)	39:09			1.000	50.00			ND	C153	0.137
PCB 141 (BZ)	39:23	1700395	351989	1.000	50.00	37.723252	75.45	37.723252		0.137
PCB 130 (BZ)	39:48	1547838	316194	1.000	50.00	34.338776	68.68	34.338776		0.137
PCB 137 (BZ)	39:58	1858523	397012	1.000	50.00	41.231320	82.46	41.231320		0.137
PCB 164 (BZ)	40:08	2218285	466928	1.000	50.00	49.212638	98.43	49.212638		0.137
PCB 138 (BZ)	40:20			1.000	50.00			ND	C129	0.137

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PCB's by EPA Method 1668A

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Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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)	40:21			1.000	50.00			ND	C129	0.137
PCB 129 (BZ)	40:26	7926276	871530	1.000	50.00	175.844380	351.69	175.844380	C129	0.137
PCB 160 (BZ)	40:31			1.000	50.00			ND	C129	0.137
PCB 158 (BZ)	40:48	2583072	518354	1.000	50.00	57.305435	114.61	57.305435		0.137
PCB 166 (BZ)	41:38	2357041	476783	1.000	50.00	52.290939	104.58	52.290939		0.137
PCB 128 (BZ)	41:45	1643776	341759	1.000	50.00	36.467160	72.93	36.467160		0.137
PCB 159 (BZ)	42:36	2394026	487884	1.000	50.00	53.111451	106.22	53.111451		0.137
PCB 162 (BZ)	42:54	2357637	489719	1.000	50.00	52.304161	104.61	52.304161		0.137
PCB 167 (BZ)	43:22	2538462	513617	1.000	50.00	55.472959	110.95	55.472959		0.105
PCB 156 (BZ)	44:37	5129790	551283	1.000	100.0	113.023507	113.02	113.023507	C156	0.191
PCB 157 (BZ)	44:29			1.000				ND	C156	0.191
PCB 169 (BZ)	47:47	2799188	534630	1.000	50.00	63.955346	127.91	63.955346		0.108
Total Heptachlorobiphenyl		40168871	8080380	1.000		1220.53192		1220.53192		2.62
13C12-PCB 188	37:43	3836741	816375	1.000	100.0	124.845145	124.85	124.845145		0.0630
13C12-PCB 178	40:48	1230335	249178	1.000	50.00	40.034329	80.07	40.034329		0.0630
13C12-PCB 180	45:52	3073200	614739	1.000	100.0	100.000000	100.00	100.000000		0.0630
13C12-PCB 170	47:11	2586694	528236	1.000	100.0	84.169400	84.17	84.169400		0.0630
13C12-PCB 189	50:14	4940301	1004779	1.000	100.0	162.263144	162.26	162.263144		0.0632
PCB 188 (BZ)	37:44	2002041	430425	1.000	50.00	52.180770	104.36	52.180770		0.0910
PCB 179 (BZ)	38:11	1876175	390279	1.000	50.00	58.416564	116.83	58.416564		0.110
PCB 184 (BZ)	38:35	1826690	378432	1.000	50.00	56.875799	113.75	56.875799		0.110
PCB 176 (BZ)	39:02	1968394	397625	1.000	50.00	61.287893	122.58	61.287893		0.110
PCB 186 (BZ)	39:31	1910597	398555	1.000	50.00	59.488327	118.98	59.488327		0.110
PCB 178 (BZ)	40:49	1357739	279272	1.000	50.00	42.274546	84.55	42.274546		0.110
PCB 175 (BZ)	41:26	1450260	297658	1.000	50.00	45.155279	90.31	45.155279		0.110
PCB 187 (BZ)	41:42	1566654	325974	1.000	50.00	48.779321	97.56	48.779321		0.110
PCB 182 (BZ)	41:54	1542134	324141	1.000	50.00	48.015867	96.03	48.015867		0.110
PCB 183 (BZ)	42:18	1537115	323377	1.000	50.00	47.859595	95.72	47.859595		0.110
PCB 185 (BZ)	42:27	1443686	297865	1.000	50.00	44.950591	89.90	44.950591		0.110
PCB 174 (BZ)	42:38	1445996	301382	1.000	50.00	45.022515	90.05	45.022515		0.110
PCB 177 (BZ)	43:03	1420101	282125	1.000	50.00	44.216249	88.43	44.216249		0.110
PCB 181 (BZ)	43:24	1517022	310029	1.000	50.00	47.233980	94.47	47.233980		0.110
PCB 171 (BZ)	43:40	2663043	556003	1.000	50.00	82.916477	165.83	82.916477	C171	0.110
PCB 173 (BZ)	43:33			1.000	50.00			ND	C171	0.110
PCB 172 (BZ)	45:14	1312051	274599	1.000	50.00	40.852005	81.70	40.852005		0.110
PCB 192 (BZ)	45:30	1780108	369151	1.000	50.00	55.425423	110.85	55.425423		0.110
PCB 193 (BZ)	45:51	3534034	533647	1.000	50.00	110.035643	220.07	110.035643	C180	0.110
PCB 180 (BZ)	45:50			1.000	50.00			ND	C180	0.110
PCB 191 (BZ)	46:14	1973553	398448	1.000	50.00	61.448524	122.90	61.448524		0.110
PCB 170 (BZ)	47:12	1296086	259678	1.000	50.00	50.105888	100.21	50.105888		0.141
PCB 190 (BZ)	47:42	2013524	392784	1.000	50.00	62.693061	125.39	62.693061		0.110
PCB 189 (BZ)	50:16	2731868	558931	1.000	50.00	55.297602	110.60	55.297602		0.0739
Total Octachlorobiphenyl		17807261	3378981	1.000		524.897780		524.897780		0.900
13C12-PCB 202	43:05	3118399	620488	1.000	100.0	101.470747	101.47	101.470747		0.0512
13C12-PCB 194	52:19	3044623	612675	1.000	100.0	100.000000	100.00	100.000000		0.0514
13C12-PCB 205	52:46	4290034	857562	1.000	100.0	140.905262	140.91	140.905262		0.0514
PCB 202 (BZ)	43:06	1499575	312030	1.000	50.00	48.087977	96.18	48.087977		0.0806
PCB 200 (BZ)/201 (IUPAC)	44:00	1651372	324360	1.000	50.00	52.955764	105.91	52.955764		0.0806
PCB 204 (BZ)	44:38	1539149	305990	1.000	50.00	49.357026	98.71	49.357026		0.0806

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	22:19	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)	44:53	1593280	322545	1.000	50.00	51.092885	102.19	51.092885		0.0806
PCB 199 (BZ)/200 (IUPAC)	45:06	1577591	315866	1.000	50.00	50.589774	101.18	50.589774		0.0806
PCB 198 (BZ)	47:49			1.000	50.00			ND	C198	0.0806
PCB 201 (BZ)/199 (IUPAC)	47:49	2252808	261694	1.000	50.00	72.242455	144.48	72.242455	C198	0.0806
PCB 196 (BZ)	48:28	1162009	233621	1.000	50.00	37.262999	74.53	37.262999		0.0806
PCB 203 (BZ)	48:39	1263000	253477	1.000	50.00	40.501552	81.00	40.501552		0.0806
PCB 195 (BZ)	50:03	1550952	310597	1.000	50.00	36.152441	72.30	36.152441		0.0583
PCB 194 (BZ)	52:20	1659448	335260	1.000	50.00	38.681465	77.36	38.681465		0.0583
PCB 205 (BZ)	52:48	2058077	403541	1.000	50.00	47.973443	95.95	47.973443		0.0583
Total Nonachlorobiphenyl		4938167	969415	1.000		162.892440		162.892440		0.188
13C12-PCB 208	49:42	3565251	705783	1.000	100.0	117.099917	117.10	117.099917		0.0604
13C12-PCB 206	54:29	2521286	492671	1.000	100.0	82.811107	82.81	82.811107		0.0604
PCB 208 (BZ)	49:44	1756248	348463	1.000	50.00	49.260150	98.52	49.260150		0.0521
PCB 207 (BZ)	50:38	1847734	359170	1.000	50.00	60.715445	121.43	60.715445		0.0613
PCB 206 (BZ)	54:30	1334185	261782	1.000	50.00	52.916845	105.83	52.916845		0.0746
13C12-PCB 209	56:04	2872594	530716	1.000	100.0	94.349744	94.35	94.349744		0.0567
PCB 209 (BZ)	56:05	1435677	264980	1.000	50.00	49.978417	99.96	49.978417		0.0485

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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	238	165	95	66	1.44 *	/	
	PCB 1 (BZ)	12:12	00:00	0	3172478	983550	1328646	421292	3.23	AVV/AVV	M
	PCB 2 (BZ)	14:13	00:00	0	3091086	953241	1093316	337031	3.24	ABV/ABV	
	PCB 3 (BZ)	14:25	00:00	0	3115413	977767	1071238	334128	3.19	AVB/AVB	
200					**200.0795**	**202.0766**	**200.0795**	**202.0766**	**2.66-3.60**		
	Noise	00:00	00:00	0	340	370	136	148	0.92 *	/	
	13C12-PCB 1	12:11	00:00	0	5173637	1628092	1898513	628586	3.18	AVV/AVV	
	13C12-PCB 3	14:24	00:00	0	5292526	1624623	1857724	573458	3.26	ABV/AVV	
222					**222.0003**	**223.9974**	**222.0003**	**223.9974**	**1.33-1.79**		
	Noise	00:00	00:00	0	385	428	154	171	0.90 *	/	
	PCB 4 (BZ)	14:42	00:00	0	1141144	727150	379380	245152	1.57	ABV/ABV	
	PCB 10 (BZ)	14:51	00:00	0	1709857	1079747	585590	373496	1.58	AVV/AVV	
	PCB 9 (BZ)	16:39	00:00	0	1835367	1155813	574568	369317	1.59	ABV/ABV	
	PCB 7 (BZ)	16:49	00:00	0	1827519	1153854	553597	355054	1.58	AVV/AVV	D
	PCB 6 (BZ)	17:06	00:00	0	1845090	1150360	554917	340161	1.60	AVV/AVV	
	PCB 5 (BZ)	17:25	00:00	0	1706064	1055135	517024	315673	1.62	AVV/AVV	
	PCB 8 (BZ)	17:32	00:00	0	1911416	1215303	555835	351729	1.57	AVB/AVB	
	PCB 14 (BZ)	19:07	00:00	0	2141035	1344602	593207	366376	1.59	ABV/ABV	M
	PCB 11 (BZ)	20:01	00:00	0	1759681	1110554	477463	298148	1.58	MBV/MVV	
	PCB 13 (BZ)	20:20	00:00	0	3600549	2278678	689202	432926	1.58	AVV/AVV	
	PCB 12 (BZ)	20:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 15 (BZ)	20:40	00:00	0	1967388	1255966	522695	333527	1.57	AVV/AVV	
234					**234.0406**	**236.0376**	**234.0406**	**236.0376**	**1.33-1.79**		
	Noise	00:00	00:00	0	418	260	167	104	1.61	/	
	13C12-PCB 4	14:41	00:00	0	1957033	1222219	634894	403297	1.60	ABV/ABV	
	13C12-PCB 9	16:38	00:00	0	3181709	1961986	975740	605397	1.62	AVV/ABV	
	13C12-PCB 8	17:31	00:00	0	1666033	1036268	484835	299990	1.61	AVV/AVV	
	13C12-PCB 15	20:39	00:00	0	3359389	2087005	890936	547338	1.61	AVV/ABV	
256					**255.9613**	**257.9584**	**255.9613**	**257.9584**	**0.88-1.20**		
	Noise	00:00	00:00	0	350	420	140	168	0.83 *	/	
	PCB 19 (BZ)	17:53	00:00	0	680765	646608	194185	185589	1.05	ABV/ABV	
	PCB 30 (BZ)	19:36	00:00	0	1043761	990845	275487	257128	1.05	ABV/ABV	M
	PCB 18 (BZ)	19:44	00:00	0	729470	688740	191496	181592	1.06	AVB/AVB	M
	PCB 17 (BZ)	20:08	00:00	0	755244	702781	193859	179890	1.07	ABV/ABV	
	PCB 27 (BZ)	20:22	00:00	0	1132218	1046054	291727	272554	1.08	AVV/AVV	
	PCB 24 (BZ)	20:29	00:00	0	976621	930168	262898	248560	1.05	AVV/AVV	
	PCB 16 (BZ)	20:39	00:00	0	651680	607287	165682	164179	1.07	AVB/AVB	
	PCB 32 (BZ)	21:09	00:00	0	1137804	1076363	271646	265123	1.06	ABV/ABV	
	PCB 34 (BZ)	22:21	00:00	0	1942265	1805647	494610	454059	1.08	ABV/ABV	M
	PCB 23 (BZ)	22:29	00:00	0	1947588	1836551	486863	457211	1.06	AVB/AVB	DM
	PCB 26 (BZ)	22:49	00:00	0	3991284	3710956	914378	853707	1.08	ABV/ABV	M
	PCB 29 (BZ)	22:55	00:00	0	0	0	0	0	0.00 *	/	
	PCB 25 (BZ)	23:04	00:00	0	2210532	2067422	511781	475563	1.07	AVV/AVV	D

Notes:
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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	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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 31 (BZ)	23:24	00:00	0	2052467	1897028	488935	454064	1.08	AVV/AVV	D
	PCB 28 (BZ)	23:41	00:00	0	3800228	3544427	479938	453779	1.07	AVV/AVV	D
	PCB 20 (BZ)	23:45	00:00	0	0	0	0	0	0.00 *	/	
	PCB 21 (BZ)	23:57	00:00	0	4029331	3771567	488332	445691	1.07	AVV/AVV	
	PCB 33 (BZ)	23:59	00:00	0	0	0	0	0	0.00 *	/	
	PCB 22 (BZ)	24:22	00:00	0	1931311	1823246	463173	431215	1.06	AVV/AVV	D
	PCB 36 (BZ)	25:51	00:00	0	2056591	1944726	458925	424312	1.06	AVV/AVV	M
	PCB 39 (BZ)	26:14	00:00	0	2085548	1945060	480062	437595	1.07	AVV/AVV	D
	PCB 38 (BZ)	26:48	00:00	0	1971860	1828983	429789	399296	1.08	AVV/AVV	M
	PCB 35 (BZ)	27:20	00:00	0	1880362	1759226	428972	390727	1.07	AVV/AVV	
	PCB 37 (BZ)	27:46	00:00	0	1911614	1785208	420747	394440	1.07	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	553	343	221	137	1.61 *	/	
	13C12-PCB 19	17:52	00:00	0	1170485	1086838	343533	314774	1.08	AVV/AVV	
	13C12-PCB 32	21:06	00:00	0	2084402	1933122	531553	499012	1.08	ABV/ABV	
	13C12-PCB 31	23:22	00:00	0	3642626	3480863	881620	854698	1.05	ABV/ABV	
	13C12-PCB 28	23:38	00:00	0	1636060	1568452	373935	361306	1.04	AVV/AVV	
	13C12-PCB 37	27:43	00:00	0	3217645	3053148	695816	666692	1.05	AVV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	480	465	192	186	1.03 *	/	
	PCB 54 (BZ)	21:01	00:00	0	624748	799386	154784	197931	0.78	ABV/ABV	
	PCB 53 (BZ)	23:08	00:00	0	1846664	2320046	315967	395707	0.80	ABV/ABV	
	PCB 50 (BZ)	23:13	00:00	0	0	0	0	0	0.00 *	/	
	PCB 45 (BZ)	23:52	00:00	0	1692678	2155222	293758	383067	0.79	AVV/AVV	
	PCB 51 (BZ)	23:55	00:00	0	0	0	0	0	0.00 *	/	
	PCB 46 (BZ)	24:11	00:00	0	722781	912958	167854	210047	0.79	AVV/AVV	D
	PCB 52 (BZ)	25:31	00:00	0	935959	1174732	227714	276468	0.80	ABV/ABV	D
	PCB 73 (BZ)	25:39	00:00	0	1885096	2427063	272829	357849	0.78	AVV/AVV	
	PCB 43 (BZ)	25:47	00:00	0	0	0	0	0	0.00 *	/	
	PCB 69 (BZ)	25:54	00:00	0	1110934	1408291	271069	351184	0.79	MVB/AVV	M
	PCB 49 (BZ)	26:00	00:00	0	1008023	1297288	236337	305526	0.78	MVV/AVB	M
	PCB 48 (BZ)	26:17	00:00	0	855478	1109163	203546	263949	0.77	ABV/ABB	
	PCB 44 (BZ)	26:32	00:00	0	2941818	3742800	468189	594212	0.79	AVV/ABV	
	PCB 65 (BZ)	26:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 47 (BZ)	26:35	00:00	0	0	0	0	0	0.00 *	/	
	PCB 62 (BZ)	26:49	00:00	0	3764090	4809660	404275	521053	0.78	AVV/AVV	
	PCB 59 (BZ)	26:52	00:00	0	0	0	0	0	0.00 *	/	
	PCB 75 (BZ)	26:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 42 (BZ)	27:05	00:00	0	837464	1091779	192405	244870	0.77	AVB/AVV	D
	PCB 41 (BZ)	27:29	00:00	0	730130	938943	169722	217294	0.78	ABV/ABV	
	PCB 71 (BZ)	27:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 40 (BZ)	27:36	00:00	0	1894618	2393337	344590	435633	0.79	AVV/AVV	D
	PCB 64 (BZ)	27:48	00:00	0	1311423	1640845	294269	368581	0.80	AVV/AVV	D
	PCB 72 (BZ)	28:32	00:00	0	1230413	1533327	276983	349424	0.80	ABV/ABV	M

Notes:
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Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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 68 (BZ)	28:50	00:00	0	1285786	1655452	284707	356373	0.78	AVV/AVV	
	PCB 57 (BZ)	29:16	00:00	0	1173348	1489538	255402	330674	0.79	ABV/ABB	
	PCB 58 (BZ)	29:32	00:00	0	1253764	1578473	267587	337490	0.79	AVV/ABV	
	PCB 67 (BZ)	29:41	00:00	0	1248629	1625622	275386	358840	0.77	AVV/AVV	
	PCB 63 (BZ)	29:56	00:00	0	1321770	1672561	280783	359013	0.79	AVB/AVB	
	PCB 61 (BZ)	30:10	00:00	0	1154257	1481672	251711	331518	0.78	ABV/ABV	
	PCB 76 (BZ)	30:19	00:00	0	0	0	0	0	0.00 *	/	
	PCB 70 (BZ)	30:20	00:00	0	3772333	4782010	741166	945007	0.79	AVB/AVB	
	PCB 74 (BZ)	30:22	00:00	0	0	0	0	0	0.00 *	/	
	PCB 66 (BZ)	30:39	00:00	0	1246347	1602784	272666	346151	0.78	ABV/ABV	
	PCB 55 (BZ)	30:50	00:00	0	1119846	1451738	244641	328222	0.77	AVB/AVB	
	PCB 56 (BZ)	31:22	00:00	0	1196037	1518938	258849	329800	0.79	ABV/ABV	M
	PCB 60 (BZ)	31:34	00:00	0	1160385	1470005	255253	329011	0.79	AVV/AVV	
	PCB 80 (BZ)	31:50	00:00	0	1426052	1769196	313887	383925	0.81	AVV/AVV	
	PCB 79 (BZ)	33:27	00:00	0	1376758	1743927	289659	366723	0.79	ABV/ABV	
	PCB 78 (BZ)	34:00	00:00	0	1180168	1464373	241660	299046	0.81	ABV/ABV	
	PCB 81 (BZ)	34:29	00:00	0	1305510	1641543	263823	322836	0.80	AVV/AVV	
	PCB 77 (BZ)	35:05	00:00	0	1171602	1539489	251626	317975	0.76	AVV/AVV	M
302					301.9626	303.9597	301.9626	303.9597	0.65-0.89		
	Noise	00:00	00:00	0	208	163	83	65	1.28 *	/	
	13C12-PCB 54	21:00	00:00	0	1079526	1329984	271658	339376	0.81	ABV/ABV	
	13C12-PCB 52	25:30	00:00	0	1588251	2002512	381373	473875	0.79	ABV/ABV	
	13C12-PCB 79	33:26	00:00	0	1096915	1372737	228125	288312	0.80	ABV/ABV	
	13C12-PCB 81	34:28	00:00	0	2027225	2565192	415745	535629	0.79	ABV/ABV	M
	13C12-PCB 77	35:03	00:00	0	2062922	2588126	420938	543463	0.80	AVV/ABV	M
326					325.8804	327.8775	325.8804	327.8775	1.32-1.78		
	Noise	00:00	00:00	0	510	420	204	168	1.21 *	/	
	PCB 104 (BZ)	26:27	00:00	0	1225703	764994	292063	177198	1.60	ABV/ABV	
	PCB 96 (BZ)	26:56	00:00	0	1097138	696508	253055	155877	1.58	AVV/AVV	D
	PCB 103 (BZ)	28:43	00:00	0	914630	568558	202896	125980	1.61	ABV/ABV	M
	PCB 94 (BZ)	29:00	00:00	0	772590	493598	176904	114165	1.57	AVB/AVV	D
	PCB 100 (BZ)	29:34	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 95 (BZ)	29:34	00:00	0	1835178	1142954	226372	138055	1.61	ABV/ABV	M
	PCB 93 (BZ)	29:41	00:00	0	760038	468734	180993	110333	1.62	AVV/AVV	DM
	PCB 102 (BZ)	29:48	00:00	0	1774238	1115278	233599	144183	1.59	AVB/AVB	
	PCB 98 (BZ)	29:53	00:00	0	0	0	0	0	0.00 *	/	
	PCB 88 (BZ)	30:12	00:00	0	770629	488726	167645	107109	1.58	ABV/ABV	
	PCB 91 (BZ)	30:20	00:00	0	925292	583973	197367	127834	1.58	AVB/AVV	D
	PCB 84 (BZ)	30:37	00:00	0	706362	453487	155176	97811	1.56	ABB/AVB	M
	PCB 89 (BZ)	31:04	00:00	0	781659	493407	171554	107141	1.58	ABV/ABV	D
	PCB 121 (BZ)	31:18	00:00	0	1201267	763611	264428	171361	1.57	AVB/AVV	M
	PCB 92 (BZ)	31:45	00:00	0	845123	538609	185880	121712	1.57	ABB/ABB	D
	PCB 113 (BZ)	32:19	00:00	0	3092046	1934380	552585	347735	1.60	ABV/ABB	D
	PCB 90 (BZ)	32:20	00:00	0	0	0	0	0	0.00 *	/	

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	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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 101 (BZ)	32:20	00:00	0	0	0	0	0	0.00 *	/	
	PCB 83 (BZ)	32:53	00:00	0	1681664	1085822	310353	200315	1.55	ABV/ABV	D
	PCB 99 (BZ)	32:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 112 (BZ)	33:02	00:00	0	1152976	723863	241114	151859	1.59	AVB/AVB	D
	PCB 109 (BZ)/108 (IUPAC	33:22	00:00	0	6103940	3852437	506483	314802	1.58	ABB/ABB	D
	PCB 86 (BZ)	33:24	00:00	0	0	0	0	0	0.00 *	/	
	PCB 97 (BZ)	33:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 119 (BZ)	33:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 125 (BZ)	33:29	00:00	0	0	0	0	0	0.00 *	/	
	PCB 87 (BZ)	33:32	00:00	0	0	0	0	0	0.00 *	/	
	PCB 117 (BZ)	34:04	00:00	0	3122681	1962742	276316	175778	1.59	ABV/ABV	D
	PCB 116 (BZ)	34:09	00:00	0	0	0	0	0	0.00 *	/	
	PCB 85 (BZ)	34:09	00:00	0	0	0	0	0	0.00 *	/	
	PCB 110 (BZ)	34:16	00:00	0	0	0	0	0	0.00 *	/	
	PCB 115 (BZ)	34:23	00:00	0	2414823	1491727	524457	325159	1.62	AVB/AVV	D
	PCB 82 (BZ)	34:45	00:00	0	662191	416305	147943	92159	1.59	ABV/ABB	M
	PCB 111 (BZ)	34:57	00:00	0	1193217	752425	261802	164792	1.59	AVB/ABB	D
	PCB 120 (BZ)	35:25	00:00	0	1279319	811991	266570	170239	1.58	AVB/AVV	D
	PCB 108 (BZ)/107 (IUPAC	36:35	00:00	0	0	0	0	0	0.00 *	/	
	PCB 124 (BZ)	36:38	00:00	0	3425223	2145771	726023	448602	1.60	AVV/AVV	D
	PCB 107 (BZ)/109 (IUPAC	36:52	00:00	0	1754342	1006794	356610	220902	1.74	AVV/AVV	D
	PCB 123 (BZ)	36:59	00:00	0	1676114	1125847	389298	244198	1.49	AVV/AVV	
	PCB 106 (BZ)	37:06	00:00	0	1732061	1067617	349720	216134	1.62	AVV/AVV	
	PCB 118 (BZ)	37:18	00:00	0	1794078	1118729	391933	247242	1.60	AVV/AVV	
	PCB 122 (BZ)	37:42	00:00	0	1656207	1032191	343204	223336	1.60	ABV/ABV	M
	PCB 114 (BZ)	37:51	00:00	0	1849161	1165880	388174	240434	1.59	AVB/AVV	
	PCB 105 (BZ)	38:33	00:00	0	1892614	1172697	382971	235861	1.61	ABB/ABB	M
	PCB 127 (BZ)	39:55	00:00	0	1804777	1107317	368483	225629	1.63	AVV/AVV	
	PCB 126 (BZ)	41:37	00:00	0	1793132	1094271	366635	226356	1.64	AVV/AVV	M
338					**337.9207**	**339.9178**	**337.9207**	**339.9178**	**1.32-1.78**		
	Noise	00:00	00:00	0	253	213	101	85	1.19 *	/	
	13C12-PCB 104	26:26	00:00	0	2224639	1371938	503867	307467	1.62	ABV/ABV	D
	13C12-PCB 95	29:27	00:00	0	796098	494921	172403	111195	1.61	ABV/ABV	D
	13C12-PCB 101	32:19	00:00	0	1722689	1088040	372664	238706	1.58	AVV/ABV	
	13C12-PCB 111	34:56	00:00	0	1047114	650540	222326	139530	1.61	ABV/ABV	
	13C12-PCB 123	36:58	00:00	0	3238961	2013557	674851	424067	1.61	ABV/ABV	D
	13C12-PCB 118	37:17	00:00	0	3350174	2083882	714042	432507	1.61	AVV/AVV	D
	13C12-PCB 114	37:50	00:00	0	3277941	2033428	666106	412725	1.61	AVV/AVV	D
	13C12-PCB 105	38:32	00:00	0	3185314	1955873	656108	404522	1.63	ABV/ABV	M
	13C12-PCB 127	39:54	00:00	0	3363000	2107022	710641	437622	1.60	AVV/AVV	
	13C12-PCB 126	41:36	00:00	0	3289410	2070083	661590	412858	1.59	ABV/ABV	M
360					**359.8415**	**361.8385**	**359.8415**	**361.8385**	**1.05-1.43**		
	Noise	00:00	00:00	0	520	443	208	177	1.18	/	
	PCB 155 (BZ)	32:00	00:00	0	1003592	803455	217156	175839	1.25	ABV/ABV	M

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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 152 (BZ)	32:21	00:00	0	946833	754966	199405	159555	1.25	AVV/AVV	
	PCB 150 (BZ)	32:29	00:00	0	932586	725753	206487	157225	1.28	AVB/AVB	
	PCB 136 (BZ)	32:56	00:00	0	895635	699645	187887	153028	1.28	ABV/ABV	M
	PCB 145 (BZ)	33:10	00:00	0	908929	723159	195934	156514	1.26	AVV/AVB	
	PCB 148 (BZ)	34:34	00:00	0	682075	532570	151697	121457	1.28	ABV/ABV	
	PCB 151 (BZ)	35:12	00:00	0	0	0	0	0	0.00 *	/	
	PCB 135 (BZ)	35:16	00:00	0	0	0	0	0	0.00 *	/	
	PCB 154 (BZ)	35:24	00:00	0	2094235	1637349	172324	137988	1.28	AVB/AVV	
	PCB 144 (BZ)	35:47	00:00	0	691050	539056	152751	115117	1.28	ABB/AVB	
	PCB 149 (BZ)	36:08	00:00	0	0	0	0	0	0.00 *	/	
	PCB 147 (BZ)	36:09	00:00	0	2129078	1730506	372381	308601	1.23	ABV/ABV	
	PCB 134 (BZ)	36:19	00:00	0	0	0	0	0	0.00 *	/	
	PCB 143 (BZ)	36:29	00:00	0	1750868	1361231	199201	156682	1.29	AVV/AVV	
	PCB 140 (BZ)	36:43	00:00	0	0	0	0	0	0.00 *	/	
	PCB 139 (BZ)	36:44	00:00	0	2035171	1633502	331941	253259	1.25	AVV/AVV	
	PCB 131 (BZ)	37:00	00:00	0	817779	657168	177495	139890	1.24	AVV/AVV	M
	PCB 142 (BZ)	37:08	00:00	0	887162	705059	174112	137131	1.26	AVB/AVV	
	PCB 132 (BZ)	37:31	00:00	0	855652	684433	182766	137314	1.25	ABB/AVB	M
	PCB 133 (BZ)	37:52	00:00	0	962009	766217	199907	158954	1.26	ABB/ABB	
	PCB 165 (BZ)	38:15	00:00	0	1218909	970432	257442	198072	1.26	ABV/ABV	D
	PCB 146 (BZ)	38:30	00:00	0	1077136	851820	224916	177324	1.26	AVV/AVV	D
	PCB 161 (BZ)	38:37	00:00	0	1327308	1056163	277109	228119	1.26	AVB/AVB	D
	PCB 153 (BZ)	39:08	00:00	0	2585766	2065187	425346	338247	1.25	ABV/ABV	D
	PCB 168 (BZ)	39:09	00:00	0	0	0	0	0	0.00 *	/	
	PCB 141 (BZ)	39:23	00:00	0	939332	761063	195478	156511	1.23	AVV/AVV	M
	PCB 130 (BZ)	39:48	00:00	0	863575	684263	173711	142483	1.26	ABV/ABV	M
	PCB 137 (BZ)	39:58	00:00	0	1037113	821410	221748	175264	1.26	AVV/AVV	DM
	PCB 164 (BZ)	40:08	00:00	0	1238791	979494	260244	206684	1.26	AVV/AVB	M
	PCB 138 (BZ)	40:20	00:00	0	0	0	0	0	0.00 *	/	
	PCB 163 (BZ)	40:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 129 (BZ)	40:26	00:00	0	4415944	3510332	492656	378874	1.26	AVV/ABV	
	PCB 160 (BZ)	40:31	00:00	0	0	0	0	0	0.00 *	/	
	PCB 158 (BZ)	40:48	00:00	0	1437470	1145602	289360	228994	1.25	AVB/AVB	M
	PCB 166 (BZ)	41:38	00:00	0	1304378	1052663	262618	214165	1.24	ABV/ABV	M
	PCB 128 (BZ)	41:45	00:00	0	919913	723863	192789	148970	1.27	AVV/AVV	M
	PCB 159 (BZ)	42:36	00:00	0	1328928	1065098	272755	215129	1.25	AVB/AVB	D
	PCB 162 (BZ)	42:54	00:00	0	1313925	1043712	276147	213572	1.26	ABV/ABV	
	PCB 167 (BZ)	43:22	00:00	0	1414328	1124134	286965	226652	1.26	ABB/ABB	
	PCB 157 (BZ)	44:29	00:00	0	0	0	0	0	0.00 *	/	
	PCB 156 (BZ)	44:37	00:00	0	2877197	2252593	309362	241921	1.28	AVV/ABV	M
	PCB 169 (BZ)	47:47	00:00	0	1590669	1208519	300317	234313	1.32	ABV/ABV	M
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	220	208	88	83	1.06	/	
	13C12-PCB 155	31:59	00:00	0	1865320	1455833	411428	320374	1.28	ABV/ABV	M

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	13C12-PCB 153	39:05	00:00	0	1021009	806301	210049	172371	1.27	ABV/ABV	D
	13C12-PCB 138	40:24	00:00	0	2035957	1598704	423124	335665	1.27	ABV/ABV	M
	13C12-PCB 167	43:21	00:00	0	2562983	2013052	512024	404716	1.27	AVV/AVV	
	13C12-PCB 156	44:36	00:00	0	5082921	3994465	563192	445386	1.27	AVV/AVV	M
	13C12-PCB 169	47:46	00:00	0	2451745	1925040	495495	394077	1.27	ABV/ABV	M
394					393.8025	395.7995	393.8025	395.7995	0.89-1.21		
	Noise	00:00	00:00	0	395	348	158	139	1.14	/	
	PCB 188 (BZ)	37:44	00:00	0	1042441	959600	222360	208065	1.09	ABV/ABV	
	PCB 179 (BZ)	38:11	00:00	0	957292	918883	198021	192258	1.04	AVV/AVV	M
	PCB 184 (BZ)	38:35	00:00	0	927948	898742	192574	185858	1.03	ABV/AVV	
	PCB 176 (BZ)	39:02	00:00	0	1015761	952633	206616	191009	1.07	AVV/AVB	D
	PCB 186 (BZ)	39:31	00:00	0	985843	924754	204968	193587	1.07	AVV/ABV	M
	PCB 178 (BZ)	40:49	00:00	0	693750	663989	141234	138038	1.04	ABV/ABV	D
	PCB 175 (BZ)	41:26	00:00	0	747729	702531	152784	144874	1.06	ABV/ABV	D
	PCB 187 (BZ)	41:42	00:00	0	796698	769956	162444	163530	1.03	AVV/AVV	D
	PCB 182 (BZ)	41:54	00:00	0	786708	755426	164047	160094	1.04	AVB/AVB	D
	PCB 183 (BZ)	42:18	00:00	0	800757	736358	164980	158397	1.09	ABV/ABV	D
	PCB 185 (BZ)	42:27	00:00	0	731889	711797	155124	142741	1.03	AVV/AVV	D
	PCB 174 (BZ)	42:38	00:00	0	745039	700957	153844	147538	1.06	AVB/AVB	M
	PCB 177 (BZ)	43:03	00:00	0	728644	691457	144538	137587	1.05	ABB/ABV	D
	PCB 181 (BZ)	43:24	00:00	0	778488	738534	160892	149137	1.05	ABV/AVV	D
	PCB 173 (BZ)	43:33	00:00	0	0	0	0	0	0.00 *	/	
	PCB 171 (BZ)	43:40	00:00	0	1359002	1304041	283652	272351	1.04	AVB/AVB	D
	PCB 172 (BZ)	45:14	00:00	0	668128	643923	139396	135203	1.04	AVB/AVB	D
	PCB 192 (BZ)	45:30	00:00	0	909747	870361	187214	181937	1.05	ABV/ABV	D
	PCB 180 (BZ)	45:50	00:00	0	0	0	0	0	0.00 *	/	
	PCB 193 (BZ)	45:51	00:00	0	1802411	1731623	270065	263582	1.04	AVV/AVV	D
	PCB 191 (BZ)	46:14	00:00	0	1011658	961895	203429	195019	1.05	AVV/AVB	D
	PCB 170 (BZ)	47:12	00:00	0	667633	628453	134822	124856	1.06	AVV/AVV	M
	PCB 190 (BZ)	47:42	00:00	0	1014752	998772	203806	188978	1.02	MBV/ABV	D
	PCB 189 (BZ)	50:16	00:00	0	1405997	1325871	286232	272699	1.06	AVV/AVV	
406					405.8428	407.8398	405.8428	407.8398	0.89-1.21		
	Noise	00:00	00:00	0	193	195	77	78	0.99	/	
	13C12-PCB 188	37:43	00:00	0	1978855	1857886	423940	392435	1.07	ABV/ABV	D
	13C12-PCB 178	40:48	00:00	0	630747	599588	129001	120177	1.05	ABV/AVV	
	13C12-PCB 180	45:52	00:00	0	1604705	1468495	321388	293351	1.09	ABV/ABV	
	13C12-PCB 170	47:11	00:00	0	1325261	1261433	269746	258490	1.05	AVV/ABV	
	13C12-PCB 189	50:14	00:00	0	2547782	2392519	515463	489316	1.06	ABV/AVV	D
428					427.7635	429.7606	427.7635	429.7606	0.76-1.02		
	Noise	00:00	00:00	0	290	210	116	84	1.38 *	/	
	PCB 202 (BZ)	43:06	00:00	0	710841	788734	146440	165590	0.90	ABV/ABV	
	PCB 200 (BZ)/201 (IUPAC	44:00	00:00	0	779878	871494	155940	168420	0.89	ABV/ABV	
	PCB 204 (BZ)	44:38	00:00	0	728153	810996	145454	160536	0.90	ABV/ABV	
	PCB 197 (BZ)	44:53	00:00	0	753406	839874	151369	171176	0.90	AVV/AVV	

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IsoCalc

Workorder	2990:71CS3	Prep Batch		Lot No	
Data File	/20070313i/a070313i3.d	Prep Date		SDG No	
Analysis ID	96221	Prep Exp Date		Date Received	
Analysis Date	03/13/07 22:19	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		
	PCB 199 (BZ)/200 (IUPAC	45:06	00:00	0	748353	829238	154649	161217	0.90	AVB/AVB	M
	PCB 198 (BZ)	47:49	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 201 (BZ)/199 (IUPAC	47:49	00:00	0	1075834	1176974	125276	136418	0.91	ABV/ABV	DM
	PCB 196 (BZ)	48:28	00:00	0	547799	614210	111154	122467	0.89	ABV/AVV	D
	PCB 203 (BZ)	48:39	00:00	0	601993	661007	122183	131294	0.91	AVV/AVV	D
	PCB 195 (BZ)	50:03	00:00	0	730195	820757	145084	165513	0.89	ABV/ABV	
	PCB 194 (BZ)	52:20	00:00	0	775930	883518	155384	179876	0.88	ABV/ABV	
	PCB 205 (BZ)	52:48	00:00	0	975048	1083029	192039	211502	0.90	AVB/AVV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	155	160	62	64	0.97	/	
	13C12-PCB 202	43:05	00:00	0	1490983	1627416	293564	326924	0.92	ABV/ABV	D
	13C12-PCB 194	52:19	00:00	0	1441808	1602815	284985	327690	0.90	ABV/ABV	
	13C12-PCB 205	52:46	00:00	0	2021667	2268367	403607	453955	0.89	AVV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	175	193	70	77	0.91 *	/	
	PCB 208 (BZ)	49:44	00:00	0	764173	992075	152862	195601	0.77	AVV/AVV	
	PCB 207 (BZ)	50:38	00:00	0	809272	1038462	154494	204676	0.78	AVV/AVV	
	PCB 206 (BZ)	54:30	00:00	0	586961	747224	114101	147681	0.79	AVV/ABV	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	165	205	66	82	0.80	/	
	13C12-PCB 208	49:42	00:00	0	1589212	1976039	314752	391031	0.80	AVV/AVV	
	13C12-PCB 206	54:29	00:00	0	1113446	1407840	217663	275008	0.79	ABV/AVV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	113	145	45	58	0.78	/	
	PCB 209 (BZ)	56:05	00:00	0	591472	844205	107084	157896	0.70	ABV/ABV	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	185	163	74	65	1.14 *	/	
	13C12-PCB 209	56:04	00:00	0	1184942	1687652	219637	311079	0.70	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

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	23:21	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)
Total Monochlorobiphenyl		105089468	37964127	1.000		1455.44080		1455.44080		0.135
13C12-PCB 1	12:11	7214959	2906747	1.000	100.0	135.077443	135.08	135.077443		0.0420
13C12-PCB 3	14:23	7226055	2327320	1.000	100.0	135.285181	135.29	135.285181		0.0420
PCB 1 (BZ)	12:11	35795270	14144616	1.000	400.0	496.125758	124.03	496.125758		0.0403
PCB 2 (BZ)	14:14	34404021	11506624	1.000	400.0	476.476527	119.12	476.476527		0.0447
PCB 3 (BZ)	14:24	34890177	12312887	1.000	400.0	482.838520	120.71	482.838520		0.0503
Total Dichlorobiphenyl		299360026	81535791	1.000		6549.10748		6549.10748		1.66
13C12-PCB 4	14:41	3323795	1102516	1.000	100.0	62.227620	62.23	62.227620		0.0533
13C12-PCB 9	16:38	5341350	1549197	1.000	100.0	100.000000	100.00	100.000000		0.0533
13C12-PCB 8	17:31	22722559	6270840	1.000	400.0	497.065065	124.27	497.065065		0.0630
13C12-PCB 15	20:39	5818895	1517627	1.000	100.0	108.940530	108.94	108.940530		0.0533
PCB 4 (BZ)	14:42	15737818	5090363	1.000	400.0	473.489430	118.37	473.489430		0.164
PCB 10 (BZ)	14:51	23689035	7446438	1.000	400.0	518.207114	129.55	518.207114		0.138
PCB 9 (BZ)	16:39	25202089	7399725	1.000	400.0	551.305775	137.83	551.305775		0.138
PCB 7 (BZ)	16:49	25186008	7329863	1.000	400.0	550.953997	137.74	550.953997		0.138
PCB 6 (BZ)	17:06	25228159	7416050	1.000	400.0	551.876067	137.97	551.876067		0.138
PCB 5 (BZ)	17:25	23788921	6988766	1.000	400.0	520.392160	130.10	520.392160		0.138
PCB 8 (BZ)	17:32	26544641	7486735	1.000	400.0	580.674637	145.17	580.674637		0.138
PCB 14 (BZ)	19:07	30017198	8126327	1.000	400.0	656.638210	164.16	656.638210		0.138
PCB 11 (BZ)	20:01	25088544	6928701	1.000	400.0	548.821933	137.21	548.821933		0.138
PCB 13 (BZ)	20:20	51429640	10018827	1.000	400.0	1125.04394	281.26	1125.04394	C12	0.138
PCB 12 (BZ)	20:25			1.000	400.0			ND	C12	0.138
PCB 15 (BZ)	20:40	27447973	7303996	1.000	400.0	471.704215	117.93	471.704215		0.119
Total Trichlorobiphenyl		649104241	141210973	1.000		12701.2139		12701.2139		4.05
13C12-PCB 19	17:52	2366738	638721	1.000	100.0	55.415971	55.42	55.415971		0.0981
13C12-PCB 32	21:06	4270859	1085792	1.000	100.0	100.000000	100.00	100.000000		0.0981
13C12-PCB 31	23:22	7583221	1845158	1.000	100.0	100.000000	100.00	100.000000		0.0577
13C12-PCB 28	23:39	28138281	6597932	1.000	400.0	371.059752	92.76	371.059752		0.0577
13C12-PCB 37	27:44	6884917	1526059	1.000	100.0	90.791459	90.79	90.791459		0.0577
PCB 19 (BZ)	17:53	11201580	3108426	1.000	400.0	473.291932	118.32	473.291932		0.276
PCB 30 (BZ)	19:36	17331675	4753034	1.000	400.0	732.302224	183.08	732.302224		0.276
PCB 18 (BZ)	19:44	12005076	3103837	1.000	400.0	507.241444	126.81	507.241444		0.276
PCB 17 (BZ)	20:07	12567693	3286863	1.000	400.0	531.013277	132.75	531.013277		0.276
PCB 27 (BZ)	20:22	18009078	4916068	1.000	400.0	760.924023	190.23	760.924023		0.276
PCB 24 (BZ)	20:29	17253906	4352908	1.000	400.0	729.016309	182.25	729.016309		0.276
PCB 16 (BZ)	20:39	10996836	2889329	1.000	400.0	464.641038	116.16	464.641038		0.276
PCB 32 (BZ)	21:07	18685489	4625935	1.000	400.0	789.503908	197.38	789.503908		0.276
PCB 34 (BZ)	22:21	31734160	7803258	1.000	400.0	460.922913	115.23	460.922913		0.115
PCB 23 (BZ)	22:29	32181021	8147668	1.000	400.0	467.413347	116.85	467.413347		0.115
PCB 29 (BZ)	22:50	67442714	15898184	1.000	400.0	979.571925	244.89	979.571925	C26	0.115
PCB 26 (BZ)	22:55			1.000	400.0			ND	C26	0.115
PCB 25 (BZ)	23:04	36380748	8543817	1.000	400.0	528.412296	132.10	528.412296		0.115
PCB 31 (BZ)	23:24	33552911	7958953	1.000	400.0	487.339368	121.83	487.339368		0.115
PCB 28 (BZ)	23:41	64032880	8202898	1.000	400.0	930.045780	232.51	930.045780	C20	0.115
PCB 20 (BZ)	23:45			1.000	400.0			ND	C20	0.115
PCB 21 (BZ)	23:57	65402208	8084700	1.000	400.0	949.934589	237.48	949.934589	C21	0.115
PCB 33 (BZ)	24:00			1.000	400.0			ND	C21	0.115
PCB 22 (BZ)	24:22	32606587	7859771	1.000	400.0	473.594482	118.40	473.594482		0.115
PCB 36 (BZ)	25:52	34795344	7720051	1.000	400.0	505.385090	126.35	505.385090		0.115

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Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	23:21	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	35153056	8085830	1.000	400.0	510.580679	127.65	510.580679		0.115
PCB 38 (BZ)	26:49	33589450	7390265	1.000	400.0	487.870079	121.97	487.870079		0.115
PCB 35 (BZ)	27:20	31759236	7078353	1.000	400.0	461.287130	115.32	461.287130		0.115
PCB 37 (BZ)	27:46	32422593	7400825	1.000	400.0	470.922060	117.73	470.922060		0.115
Total Tetrachlorobiphenyl		911021277	182370343	1.000		18123.7227		18123.7227		5.82
13C12-PCB 54	21:00	2515377	660926	1.000	100.0	58.896278	58.90	58.896278		0.0368
13C12-PCB 52	25:30	3761763	909352	1.000	100.0	100.000000	100.00	100.000000		0.0440
13C12-PCB 79	33:25	22772201	4955028	1.000	400.0	446.899656	111.72	446.899656		0.0371
13C12-PCB 81	34:28	5028610	1088301	1.000	100.0	133.676949	133.68	133.676949		0.0440
13C12-PCB 77	35:04	5162582	1065484	1.000	100.0	137.238364	137.24	137.238364		0.0440
PCB 54 (BZ)	21:01	12139762	3070166	1.000	400.0	482.621969	120.66	482.621969		0.222
PCB 50 (BZ)	23:14			1.000	400.0			ND	C50	0.137
PCB 53 (BZ)	23:08	35989528	6254941	1.000	400.0	706.286919	176.57	706.286919	C50	0.137
PCB 45 (BZ)	23:52	32754988	5940996	1.000	400.0	642.809752	160.70	642.809752	C45	0.137
PCB 51 (BZ)	23:55			1.000	400.0			ND	C45	0.137
PCB 46 (BZ)	24:11	13883423	3254706	1.000	400.0	272.459257	68.11	272.459257		0.137
PCB 52 (BZ)	25:31	17845182	4196232	1.000	400.0	350.207944	87.55	350.207944		0.137
PCB 73 (BZ)	25:39	36919753	5376948	1.000	400.0	724.542389	181.14	724.542389	C43	0.137
PCB 43 (BZ)	25:48			1.000	400.0			ND	C43	0.137
PCB 69 (BZ)	25:54	22095621	5440815	1.000	400.0	433.621916	108.41	433.621916		0.137
PCB 49 (BZ)	26:00	19773740	4648321	1.000	400.0	388.055489	97.01	388.055489		0.137
PCB 48 (BZ)	26:17	17284814	4181748	1.000	400.0	339.210840	84.80	339.210840		0.137
PCB 65 (BZ)	26:35			1.000	400.0			ND	C44	0.137
PCB 47 (BZ)	26:36			1.000	400.0			ND	C44	0.137
PCB 44 (BZ)	26:32	58610200	9380699	1.000	400.0	1150.21285	287.55	1150.21285	C44	0.137
PCB 62 (BZ)	26:50	75437948	8354118	1.000	400.0	1480.45387	370.11	1480.45387	C59	0.137
PCB 75 (BZ)	26:56			1.000	400.0			ND	C59	0.137
PCB 59 (BZ)	26:52			1.000	400.0			ND	C59	0.137
PCB 42 (BZ)	27:05	16740652	3730600	1.000	400.0	328.531775	82.13	328.531775		0.137
PCB 41 (BZ)	27:29	14577994	3330091	1.000	400.0	286.090067	71.52	286.090067		0.137
PCB 71 (BZ)	27:34			1.000	400.0			ND	C40	0.137
PCB 40 (BZ)	27:36	37126160	6620202	1.000	400.0	728.593083	182.15	728.593083	C40	0.137
PCB 64 (BZ)	27:48	25849949	5818957	1.000	400.0	507.299813	126.82	507.299813		0.137
PCB 72 (BZ)	28:32	23967254	5452970	1.000	400.0	470.352320	117.59	470.352320		0.137
PCB 68 (BZ)	28:50	25939078	5700082	1.000	400.0	509.048951	127.26	509.048951		0.137
PCB 57 (BZ)	29:16	23417762	5287016	1.000	400.0	459.568655	114.89	459.568655		0.137
PCB 58 (BZ)	29:32	24931582	5405871	1.000	400.0	489.277054	122.32	489.277054		0.137
PCB 67 (BZ)	29:41	25393146	5700283	1.000	400.0	498.335151	124.58	498.335151		0.137
PCB 63 (BZ)	29:56	26697780	5598566	1.000	400.0	523.938319	130.98	523.938319		0.137
PCB 61 (BZ)	30:10	23125598	5045769	1.000	400.0	453.834998	113.46	453.834998		0.137
PCB 70 (BZ)	30:20	78143540	16047878	1.000	400.0	1533.55054	383.39	1533.55054	C70	0.137
PCB 76 (BZ)	30:19			1.000	400.0			ND	C70	0.137
PCB 74 (BZ)	30:23			1.000	400.0			ND	C70	0.137
PCB 66 (BZ)	30:39	24915943	5504750	1.000	400.0	488.970142	122.24	488.970142		0.137
PCB 55 (BZ)	30:50	22614872	5115942	1.000	400.0	443.812108	110.95	443.812108		0.137
PCB 56 (BZ)	31:22	23993423	5331347	1.000	400.0	470.865881	117.72	470.865881		0.137
PCB 60 (BZ)	31:34	22995450	5195296	1.000	400.0	451.280871	112.82	451.280871		0.137
PCB 80 (BZ)	31:50	27601177	5938530	1.000	400.0	541.667295	135.42	541.667295		0.137
PCB 79 (BZ)	33:26	27897448	5913262	1.000	400.0	547.481551	136.87	547.481551		0.137

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Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	23:21	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)	34:01	23102405	4944270	1.000	400.0	453.379840	113.34	453.379840		0.137
PCB 81 (BZ)	34:29	25737714	5415234	1.000	400.0	511.825614	127.96	511.825614		0.135
PCB 77 (BZ)	35:05	23517391	5173737	1.000	400.0	455.535447	113.88	455.535447		0.138
Total Pentachlorobiphenyl		766329484	139307408	1.000		17637.2648		17637.2648		9.13
13C12-PCB 104	26:26	3831037	863630	1.000	100.0	122.384719	122.38	122.384719		0.0753
13C12-PCB 95	29:28	11802564	2584717	1.000	400.0	308.077526	77.02	308.077526		0.0608
13C12-PCB 101	32:19	3130323	697083	1.000	100.0	100.000000	100.00	100.000000		0.0753
13C12-PCB 111	34:56	15411137	3351429	1.000	400.0	492.317790	123.08	492.317790		0.0753
13C12-PCB 123	36:58	5662899	1188422	1.000	100.0	96.150107	96.15	96.150107		0.0433
13C12-PCB 118	37:17	5938840	1247238	1.000	100.0	100.835297	100.84	100.835297		0.0433
13C12-PCB 114	37:49	5725358	1220845	1.000	100.0	97.210595	97.21	97.210595		0.0433
13C12-PCB 105	38:32	5588330	1134083	1.000	100.0	94.884003	94.88	94.884003		0.0433
13C12-PCB 127	39:54	5889644	1213245	1.000	100.0	100.000000	100.00	100.000000		0.0433
13C12-PCB 126	41:35	5734811	1170870	1.000	100.0	97.371097	97.37	97.371097		0.0433
PCB 104 (BZ)	26:27	17292927	3996899	1.000	400.0	451.390237	112.85	451.390237		0.212
PCB 96 (BZ)	26:56	15557296	3614015	1.000	400.0	406.085767	101.52	406.085767		0.212
PCB 103 (BZ)	28:44	12910875	2853086	1.000	400.0	337.007317	84.25	337.007317		0.212
PCB 94 (BZ)	29:00	11127290	2499645	1.000	400.0	290.451123	72.61	290.451123		0.212
PCB 95 (BZ)	29:34	26407983	3335176	1.000	400.0	689.316835	172.33	689.316835	C95	0.212
PCB 100 (BZ)	29:34			1.000	400.0			ND	C95	0.212
PCB 93 (BZ)	29:41	11403113	2562772	1.000	400.0	297.650819	74.41	297.650819		0.212
PCB 102 (BZ)	29:49	25044402	3336940	1.000	400.0	653.723835	163.43	653.723835	C98	0.212
PCB 98 (BZ)	29:53			1.000	400.0			ND	C98	0.212
PCB 88 (BZ)	30:12	11151551	2550024	1.000	400.0	291.084398	72.77	291.084398		0.212
PCB 91 (BZ)	30:20	13600181	3050530	1.000	400.0	354.999991	88.75	354.999991		0.212
PCB 84 (BZ)	30:37	10227192	2228052	1.000	400.0	266.956231	66.74	266.956231		0.212
PCB 89 (BZ)	31:05	10852680	2338665	1.000	400.0	283.283090	70.82	283.283090		0.212
PCB 121 (BZ)	31:18	17064528	3781318	1.000	400.0	445.428431	111.36	445.428431		0.212
PCB 92 (BZ)	31:45	12073388	2647984	1.000	400.0	315.146734	78.79	315.146734		0.212
PCB 113 (BZ)	32:19	43973608	7973949	1.000	400.0	1147.82520	286.96	1147.82520	C90	0.212
PCB 90 (BZ)	32:21			1.000	400.0			ND	C90	0.212
PCB 101 (BZ)	32:21			1.000	400.0			ND	C90	0.212
PCB 83 (BZ)	32:50			1.000	400.0			ND	C83	0.212
PCB 99 (BZ)	32:54	24023681	4366946	1.000	400.0	627.080370	156.77	627.080370	C83	0.212
PCB 112 (BZ)	33:02	16538466	3484315	1.000	400.0	431.696849	107.92	431.696849		0.212
PCB 109 (BZ)/108 (IUPAC)	33:23	88799920	7231415	1.000	400.0	2317.90818	579.48	2317.90818	C86	0.212
PCB 86 (BZ)	33:25			1.000	400.0			ND	C86	0.212
PCB 119 (BZ)	33:25			1.000	400.0			ND	C86	0.212
PCB 97 (BZ)	33:25			1.000	400.0			ND	C86	0.212
PCB 125 (BZ)	33:29			1.000	400.0			ND	C86	0.212
PCB 87 (BZ)	33:32			1.000	400.0			ND	C86	0.212
PCB 117 (BZ)	34:03	44779640	4028930	1.000	400.0	1168.86472	292.22	1168.86472	C85	0.212
PCB 116 (BZ)	34:09			1.000	400.0			ND	C85	0.212
PCB 85 (BZ)	34:09			1.000	400.0			ND	C85	0.212
PCB 110 (BZ)	34:17			1.000	400.0			ND	C110	0.212
PCB 115 (BZ)	34:22	34332578	7359697	1.000	400.0	896.169314	224.04	896.169314	C110	0.212
PCB 82 (BZ)	34:45	9392909	2076623	1.000	400.0	245.179282	61.29	245.179282		0.212
PCB 111 (BZ)	34:57	17414339	3698798	1.000	400.0	454.559405	113.64	454.559405		0.212
PCB 120 (BZ)	35:25	18684408	3784124	1.000	400.0	487.711500	121.93	487.711500		0.212

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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)	36:38	49573838	10378969	1.000	400.0	865.155780	216.29	865.155780	C108	0.154
PCB 108 (BZ)/107 (IUPAC)	36:36			1.000	400.0			ND	C108	0.154
PCB 107 (BZ)/109 (IUPAC)	36:52	23961491	5046271	1.000	400.0	418.172634	104.54	418.172634		0.154
PCB 123 (BZ)	36:59	25525777	5279982	1.000	400.0	450.754587	112.69	450.754587		0.154
PCB 106 (BZ)	37:06	23424454	4942343	1.000	400.0	408.800339	102.20	408.800339		0.154
PCB 118 (BZ)	37:19	25192110	5312235	1.000	400.0	424.192435	106.05	424.192435		0.147
PCB 122 (BZ)	37:43	22607272	4695761	1.000	400.0	394.538991	98.63	394.538991		0.154
PCB 114 (BZ)	37:52	26647381	5374212	1.000	400.0	465.427332	116.36	465.427332		0.150
PCB 105 (BZ)	38:34	26508110	5234451	1.000	400.0	474.347614	118.59	474.347614		0.162
PCB 127 (BZ)	39:56	25539366	5190509	1.000	400.0	445.709491	111.43	445.709491		0.154
PCB 126 (BZ)	41:37	24696730	5052772	1.000	400.0	430.645927	107.66	430.645927		0.157
Total Hexachlorobiphenyl		694750246	123207062	1.000		15275.3644		15275.3644		8.93
13C12-PCB 155	31:59	3566519	797743	1.000	100.0	113.934536	113.93	113.934536		0.0667
13C12-PCB 153	39:06	16365800	3416733	1.000	400.0	337.503370	84.38	337.503370		0.0598
13C12-PCB 138	40:25	3937880	812204	1.000	100.0	100.000000	100.00	100.000000		0.0573
13C12-PCB 167	43:21	4924406	1054868	1.000	100.0	125.052211	125.05	125.052211		0.0573
13C12-PCB 156	44:36	9732091	1082542	1.000	200.0	247.140365	123.57	247.140365		0.0573
13C12-PCB 157	44:28			1.000				ND		0.0573
13C12-PCB 169	47:46	4739813	972395	1.000	100.0	120.364587	120.36	120.364587		0.0573
PCB 155 (BZ)	32:01	15447648	3349325	1.000	400.0	433.129559	108.28	433.129559		0.207
PCB 152 (BZ)	32:22	14781692	3179216	1.000	400.0	414.457122	103.61	414.457122		0.207
PCB 150 (BZ)	32:28	14815038	3239072	1.000	400.0	415.392095	103.85	415.392095		0.207
PCB 136 (BZ)	32:57	13985996	3049247	1.000	400.0	392.146965	98.04	392.146965		0.207
PCB 145 (BZ)	33:11	14116523	2997549	1.000	400.0	395.806752	98.95	395.806752		0.207
PCB 148 (BZ)	34:34	10633094	2272028	1.000	400.0	298.136474	74.53	298.136474		0.207
PCB 151 (BZ)	35:12			1.000	400.0			ND	C135	0.207
PCB 135 (BZ)	35:16			1.000	400.0			ND	C135	0.207
PCB 154 (BZ)	35:25	33099116	2722994	1.000	400.0	928.051021	232.01	928.051021	C135	0.207
PCB 144 (BZ)	35:48	10769303	2265866	1.000	400.0	301.955576	75.49	301.955576		0.207
PCB 147 (BZ)	36:10	32567421	5992028	1.000	400.0	671.620963	167.91	671.620963	C147	0.212
PCB 149 (BZ)	36:08			1.000	400.0			ND	C147	0.212
PCB 134 (BZ)	36:19			1.000	400.0			ND	C134	0.212
PCB 143 (BZ)	36:30	27063081	3143043	1.000	400.0	558.107826	139.53	558.107826	C134	0.212
PCB 139 (BZ)	36:44	32166129	5107425	1.000	400.0	663.345327	165.84	663.345327	C139	0.212
PCB 140 (BZ)	36:43			1.000	400.0			ND	C139	0.212
PCB 131 (BZ)	37:00	13423002	2855677	1.000	400.0	276.815580	69.20	276.815580		0.212
PCB 142 (BZ)	37:08	13633121	2910971	1.000	400.0	281.148755	70.29	281.148755		0.212
PCB 132 (BZ)	37:30	13436822	2874823	1.000	400.0	277.100583	69.28	277.100583		0.212
PCB 133 (BZ)	37:53	14893089	3123062	1.000	400.0	307.132418	76.78	307.132418		0.212
PCB 165 (BZ)	38:16	19042344	3932893	1.000	400.0	392.700344	98.18	392.700344		0.212
PCB 146 (BZ)	38:31	16262131	3555696	1.000	400.0	335.365459	83.84	335.365459		0.212
PCB 161 (BZ)	38:38	21474170	4544149	1.000	400.0	442.850625	110.71	442.850625		0.212
PCB 153 (BZ)	39:09	41013834	6760655	1.000	400.0	845.806940	211.45	845.806940	C153	0.212
PCB 168 (BZ)	39:10			1.000	400.0			ND	C153	0.212
PCB 141 (BZ)	39:22	14498387	3068292	1.000	400.0	298.992685	74.75	298.992685		0.212
PCB 130 (BZ)	39:48	13328749	2809763	1.000	400.0	274.871849	68.72	274.871849		0.212
PCB 137 (BZ)	39:59	16173355	3408355	1.000	400.0	333.534677	83.38	333.534677		0.212
PCB 164 (BZ)	40:09	19505655	4030056	1.000	400.0	402.254965	100.56	402.254965		0.212
PCB 138 (BZ)	40:20			1.000	400.0			ND	C129	0.212

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	23:21	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)	40:21			1.000	400.0			ND	C129	0.212
PCB 129 (BZ)	40:26	69551136	7890335	1.000	400.0	1434.31686	358.58	1434.31686	C129	0.212
PCB 160 (BZ)	40:32			1.000	400.0			ND	C129	0.212
PCB 158 (BZ)	40:48	22752596	4706395	1.000	400.0	469.214938	117.30	469.214938		0.212
PCB 166 (BZ)	41:38	20477406	4260748	1.000	400.0	422.294880	105.57	422.294880		0.212
PCB 128 (BZ)	41:46	14686682	2970645	1.000	400.0	302.875794	75.72	302.875794		0.212
PCB 159 (BZ)	42:36	20682278	4109929	1.000	400.0	426.519848	106.63	426.519848		0.212
PCB 162 (BZ)	42:54	20538125	4310368	1.000	400.0	423.547056	105.89	423.547056		0.212
PCB 167 (BZ)	43:22	22189476	4506645	1.000	400.0	450.602083	112.65	450.602083		0.156
PCB 156 (BZ)	44:37	43781368	4633841	1.000	800.0	899.731990	112.47	899.731990	C156	0.304
PCB 157 (BZ)	44:30			1.000				ND	C156	0.304
PCB 169 (BZ)	47:47	23961479	4625971	1.000	400.0	505.536379	126.38	505.536379		0.169
Total Heptachlorobiphenyl		347300004	69593342	1.000		9873.61161		9873.61161		4.97
13C12-PCB 188	37:43	4191210	884449	1.000	100.0	125.113099	125.11	125.113099		0.0658
13C12-PCB 178	40:48	10969536	2343269	1.000	400.0	327.454994	81.86	327.454994		0.0658
13C12-PCB 180	45:52	3349937	702668	1.000	100.0	100.000000	100.00	100.000000		0.0658
13C12-PCB 170	47:11	2684338	550638	1.000	100.0	80.130999	80.13	80.130999		0.0658
13C12-PCB 189	50:15	5237856	1056902	1.000	100.0	168.275231	168.28	168.275231		0.0721
PCB 188 (BZ)	37:45	17593862	3667393	1.000	400.0	419.780016	104.95	419.780016		0.170
PCB 179 (BZ)	38:12	16410337	3380126	1.000	400.0	477.353572	119.34	477.353572		0.209
PCB 184 (BZ)	38:36	16266684	3424051	1.000	400.0	473.174909	118.29	473.174909		0.209
PCB 176 (BZ)	39:03	17399488	3571325	1.000	400.0	506.126581	126.53	506.126581		0.209
PCB 186 (BZ)	39:31	16225526	3378644	1.000	400.0	471.977681	117.99	471.977681		0.209
PCB 178 (BZ)	40:49	12144042	2629830	1.000	400.0	353.253064	88.31	353.253064		0.209
PCB 175 (BZ)	41:26	12529633	2594287	1.000	400.0	364.469363	91.12	364.469363		0.209
PCB 187 (BZ)	41:43	13757479	2882905	1.000	400.0	400.185672	100.05	400.185672		0.209
PCB 182 (BZ)	41:53	13452983	2792812	1.000	400.0	391.328313	97.83	391.328313		0.209
PCB 183 (BZ)	42:19	13165740	2687087	1.000	400.0	382.972819	95.74	382.972819		0.209
PCB 185 (BZ)	42:27	12348448	2583838	1.000	400.0	359.198947	89.80	359.198947		0.209
PCB 174 (BZ)	42:38	12591667	2583688	1.000	400.0	366.273845	91.57	366.273845		0.209
PCB 177 (BZ)	43:04	12006219	2434606	1.000	400.0	349.243988	87.31	349.243988		0.209
PCB 181 (BZ)	43:24	13258491	2794128	1.000	400.0	385.670815	96.42	385.670815		0.209
PCB 171 (BZ)	43:40	22779049	4630507	1.000	400.0	662.610428	165.65	662.610428	C171	0.209
PCB 173 (BZ)	43:34			1.000	400.0			ND	C171	0.209
PCB 172 (BZ)	45:15	11341987	2336751	1.000	400.0	329.922415	82.48	329.922415		0.209
PCB 192 (BZ)	45:30	15252060	3151673	1.000	400.0	443.660927	110.92	443.660927		0.209
PCB 193 (BZ)	45:48			1.000	400.0			ND	C180	0.209
PCB 180 (BZ)	45:52	30215632	4520896	1.000	400.0	878.930145	219.73	878.930145	C180	0.209
PCB 191 (BZ)	46:14	16839836	3453283	1.000	400.0	489.847093	122.46	489.847093		0.209
PCB 170 (BZ)	47:13	11372856	2261414	1.000	400.0	423.674515	105.92	423.674515		0.272
PCB 190 (BZ)	47:42	17369703	3300874	1.000	400.0	505.260177	126.32	505.260177		0.209
PCB 189 (BZ)	50:17	22978282	4533224	1.000	400.0	438.696329	109.67	438.696329		0.142
Total Octachlorobiphenyl		151738345	29157488	1.000		4242.79698		4242.79698		1.81
13C12-PCB 202	43:05	3315253	700494	1.000	100.0	98.964637	98.96	98.964637		0.0463
13C12-PCB 194	52:19	3112672	641442	1.000	100.0	100.000000	100.00	100.000000		0.0507
13C12-PCB 205	52:47	4436273	889421	1.000	100.0	142.522983	142.52	142.522983		0.0507
PCB 202 (BZ)	43:06	12836000	2617547	1.000	400.0	387.180104	96.80	387.180104		0.160
PCB 200 (BZ)/201 (IUPAC)	44:01	14049191	2897457	1.000	400.0	423.774324	105.94	423.774324		0.160
PCB 204 (BZ)	44:39	13245443	2778635	1.000	400.0	399.530383	99.88	399.530383		0.160

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	3/13/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	23:21	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	13768596	2861149	1.000	400.0	415.310566	103.83	415.310566		0.160
PCB 199 (BZ)/200 (IUPAC)	45:06	13551825	2771171	1.000	400.0	408.771970	102.19	408.771970		0.160
PCB 198 (BZ)	47:49	19825626	2304497	1.000	400.0	598.012459	149.50	598.012459	C198	0.160
PCB 201 (BZ)/199 (IUPAC)	47:49			1.000	400.0			ND	C198	0.160
PCB 196 (BZ)	48:28	9756079	2015414	1.000	400.0	294.278566	73.57	294.278566		0.160
PCB 203 (BZ)	48:40	10862492	2181577	1.000	400.0	327.651977	81.91	327.651977		0.160
PCB 195 (BZ)	50:03	13080723	2612528	1.000	400.0	294.858387	73.71	294.858387		0.126
PCB 194 (BZ)	52:20	13621998	2705955	1.000	400.0	307.059507	76.76	307.059507		0.126
PCB 205 (BZ)	52:48	17140372	3411558	1.000	400.0	386.368738	96.59	386.368738		0.126
Total Nonachlorobiphenyl		41618650	8386486	1.000		1327.52098		1327.52098		0.373
13C12-PCB 208	49:43	3714413	735022	1.000	100.0	119.331976	119.33	119.331976		0.0569
13C12-PCB 206	54:29	2577691	503798	1.000	100.0	82.812805	82.81	82.812805		0.0569
PCB 208 (BZ)	49:44	14985316	3082218	1.000	400.0	403.436990	100.86	403.436990		0.102
PCB 207 (BZ)	50:39	15572499	3128595	1.000	400.0	494.985429	123.75	494.985429		0.121
PCB 206 (BZ)	54:31	11060835	2175673	1.000	400.0	429.098561	107.27	429.098561		0.149
13C12-PCB 209	56:04	2960829	552852	1.000	100.0	95.121780	95.12	95.121780		0.0631
PCB 209 (BZ)	56:05	11896406	2163057	1.000	400.0	401.793079	100.45	401.793079		0.0719

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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	750	420	300	168	1.79 *	/	
	PCB 1 (BZ)	12:11	00:00	0	27382506	8412764	10788686	3355930	3.25	AVV/AVV	
	PCB 2 (BZ)	14:14	00:00	0	26325492	8078529	8844165	2662459	3.26	ABV/AVV	
	PCB 3 (BZ)	14:24	00:00	0	26758512	8131665	9454054	2858833	3.29	AVB/AVB	
200					**200.0795**	**202.0766**	**200.0795**	**202.0766**	**2.66-3.60**		
	Noise	00:00	00:00	0	273	378	109	151	0.72 *	/	
	13C12-PCB 1	12:11	00:00	0	5493207	1721752	2220115	686632	3.19	AVV/AVV	
	13C12-PCB 3	14:23	00:00	0	5502547	1723508	1772096	555224	3.19	AVV/AVV	
222					**222.0003**	**223.9974**	**222.0003**	**223.9974**	**1.33-1.79**		
	Noise	00:00	00:00	0	1020	788	408	315	1.30 *	/	
	PCB 4 (BZ)	14:42	00:00	0	9679414	6058404	3163989	1926374	1.60	ABV/ABV	
	PCB 10 (BZ)	14:51	00:00	0	14534037	9154998	4539067	2907371	1.59	AVV/AVV	
	PCB 9 (BZ)	16:39	00:00	0	15475122	9726967	4560927	2838798	1.59	ABV/ABV	
	PCB 7 (BZ)	16:49	00:00	0	15489018	9696990	4539010	2790853	1.60	AVV/AVV	D
	PCB 6 (BZ)	17:06	00:00	0	15445040	9783119	4571459	2844591	1.58	AVV/AVV	
	PCB 5 (BZ)	17:25	00:00	0	14593680	9195241	4305288	2683478	1.59	AVV/AVV	
	PCB 8 (BZ)	17:32	00:00	0	16296242	10248399	4623278	2863457	1.59	AVB/AVB	
	PCB 14 (BZ)	19:07	00:00	0	18425098	11592100	5015870	3110457	1.59	ABV/ABV	M
	PCB 11 (BZ)	20:01	00:00	0	15415627	9672917	4274519	2654182	1.59	MBV/MVV	
	PCB 13 (BZ)	20:20	00:00	0	31488296	19941344	6160916	3857911	1.58	AVV/AVV	
	PCB 12 (BZ)	20:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 15 (BZ)	20:40	00:00	0	16845940	10602033	4503672	2800324	1.59	AVV/AVV	
234					**234.0406**	**236.0376**	**234.0406**	**236.0376**	**1.33-1.79**		
	Noise	00:00	00:00	0	520	305	208	122	1.70	/	
	13C12-PCB 4	14:41	00:00	0	2053364	1270431	682858	419658	1.62	AVV/AVV	
	13C12-PCB 9	16:38	00:00	0	3299902	2041448	953827	595370	1.62	AVV/ABV	
	13C12-PCB 8	17:31	00:00	0	13991151	8731408	3873727	2397113	1.60	AVV/AVV	
	13C12-PCB 15	20:39	00:00	0	3592001	2226894	935868	581759	1.61	ABV/ABV	
256					**255.9613**	**257.9584**	**255.9613**	**257.9584**	**0.88-1.20**		
	Noise	00:00	00:00	0	1008	753	403	301	1.34 *	/	
	PCB 19 (BZ)	17:53	00:00	0	5730856	5470724	1592534	1515892	1.05	ABV/ABV	
	PCB 30 (BZ)	19:36	00:00	0	8904539	8427136	2448916	2304118	1.06	ABV/ABV	M
	PCB 18 (BZ)	19:44	00:00	0	6191986	5813090	1614449	1489388	1.07	AVB/AVB	M
	PCB 17 (BZ)	20:07	00:00	0	6443861	6123832	1679800	1607063	1.05	ABV/ABV	
	PCB 27 (BZ)	20:22	00:00	0	9249884	8759194	2507202	2408866	1.06	AVV/AVV	
	PCB 24 (BZ)	20:29	00:00	0	8901636	8352270	2240757	2112151	1.07	AVV/AVV	
	PCB 16 (BZ)	20:39	00:00	0	5684401	5312435	1493478	1395851	1.07	AVB/AVB	
	PCB 32 (BZ)	21:07	00:00	0	9617495	9067994	2359490	2266445	1.06	ABV/ABV	M
	PCB 34 (BZ)	22:21	00:00	0	16444956	15289204	4053109	3750149	1.08	ABV/ABV	M
	PCB 23 (BZ)	22:29	00:00	0	16557539	15623482	4216620	3931048	1.06	AVB/AVB	DM
	PCB 29 (BZ)	22:50	00:00	0	34655800	32786914	8142183	7756001	1.06	ABV/ABV	M
	PCB 26 (BZ)	22:55	00:00	0	0	0	0	0	0.00 *	/	
	PCB 25 (BZ)	23:04	00:00	0	18719320	17661428	4391353	4152464	1.06	AVV/AVV	D

Notes:
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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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 31 (BZ)	23:24	00:00	0	17328868	16224043	4109648	3849305	1.07	AVV/AVV	D
	PCB 28 (BZ)	23:41	00:00	0	33208164	30824716	4237510	3965388	1.08	AVV/AVV	D
	PCB 20 (BZ)	23:45	00:00	0	0	0	0	0	0.00 *	/	
	PCB 21 (BZ)	23:57	00:00	0	33537974	31864234	4177793	3906907	1.05	AVV/AVV	
	PCB 33 (BZ)	24:00	00:00	0	0	0	0	0	0.00 *	/	
	PCB 22 (BZ)	24:22	00:00	0	17178602	15427985	4025015	3834756	1.11	AVV/AVV	D
	PCB 36 (BZ)	25:52	00:00	0	18008554	16786790	3989888	3730163	1.07	AVV/AVV	M
	PCB 39 (BZ)	26:14	00:00	0	18124528	17028528	4170338	3915492	1.06	AVV/AVV	D
	PCB 38 (BZ)	26:49	00:00	0	17406920	16182530	3818522	3571743	1.08	AVV/AVV	D
	PCB 35 (BZ)	27:20	00:00	0	16382589	15376647	3672170	3406183	1.07	AVV/AVV	
	PCB 37 (BZ)	27:46	00:00	0	16711267	15711326	3837542	3563283	1.06	AVV/AVV	
268					**268.0016**	**269.9986**	**268.0016**	**269.9986**	**0.88-1.20**		
	Noise	00:00	00:00	0	638	428	255	171	1.49 *	/	
	13C12-PCB 19	17:52	00:00	0	1230311	1136427	329592	309129	1.08	AVV/AVV	
	13C12-PCB 32	21:06	00:00	0	2212856	2058003	558528	527264	1.08	AVV/AVV	
	13C12-PCB 31	23:22	00:00	0	3915284	3667937	949920	895238	1.07	ABV/ABV	
	13C12-PCB 28	23:39	00:00	0	14403470	13734811	3361701	3236231	1.05	AVV/AVV	
	13C12-PCB 37	27:44	00:00	0	3559083	3325834	793633	732426	1.07	AVV/ABV	
290					**289.9224**	**291.9194**	**289.9224**	**291.9194**	**0.65-0.89**		
	Noise	00:00	00:00	0	800	670	320	268	1.19 *	/	
	PCB 54 (BZ)	21:01	00:00	0	5394541	6745221	1350975	1719191	0.80	ABV/ABV	
	PCB 53 (BZ)	23:08	00:00	0	15833424	20156104	2728430	3526511	0.79	ABV/ABV	
	PCB 50 (BZ)	23:14	00:00	0	0	0	0	0	0.00 *	/	
	PCB 45 (BZ)	23:52	00:00	0	14461566	18293422	2632460	3308536	0.79	AVV/AVV	
	PCB 51 (BZ)	23:55	00:00	0	0	0	0	0	0.00 *	/	
	PCB 46 (BZ)	24:11	00:00	0	6122393	7761030	1427879	1826827	0.79	AVV/AVV	D
	PCB 52 (BZ)	25:31	00:00	0	7868023	9977159	1849164	2347068	0.79	ABV/ABV	D
	PCB 73 (BZ)	25:39	00:00	0	16298569	20621184	2389187	2987761	0.79	AVV/AVV	
	PCB 43 (BZ)	25:48	00:00	0	0	0	0	0	0.00 *	/	
	PCB 69 (BZ)	25:54	00:00	0	9793907	12301714	2411235	3029580	0.80	MVB/MVV	M
	PCB 49 (BZ)	26:00	00:00	0	8787994	10985746	2047480	2600841	0.80	MVV/MVV	M
	PCB 48 (BZ)	26:17	00:00	0	7620656	9664158	1830580	2351168	0.79	ABV/ABV	
	PCB 44 (BZ)	26:32	00:00	0	25670894	32939306	4085025	5295674	0.78	AVV/AVV	
	PCB 65 (BZ)	26:35	00:00	0	0	0	0	0	0.00 *	/	
	PCB 47 (BZ)	26:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 62 (BZ)	26:50	00:00	0	33137300	42300648	3666480	4687638	0.78	AVV/AVV	
	PCB 59 (BZ)	26:52	00:00	0	0	0	0	0	0.00 *	/	
	PCB 75 (BZ)	26:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 42 (BZ)	27:05	00:00	0	7416333	9324319	1667862	2062738	0.80	AVB/AVB	D
	PCB 41 (BZ)	27:29	00:00	0	6398254	8179740	1468019	1862072	0.78	ABV/ABV	
	PCB 71 (BZ)	27:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 40 (BZ)	27:36	00:00	0	16355992	20770168	2911734	3708468	0.79	AVV/AVV	D
	PCB 64 (BZ)	27:48	00:00	0	11323418	14526531	2561705	3257252	0.78	AVV/AVV	D
	PCB 72 (BZ)	28:32	00:00	0	10524974	13442280	2405653	3047317	0.78	ABV/ABV	M

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STL - Knoxville

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
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Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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 68 (BZ)	28:50	00:00	0	11424627	14514451	2507854	3192228	0.79	AVV/AVV	M
	PCB 57 (BZ)	29:16	00:00	0	10214083	13203679	2298726	2988290	0.77	ABV/ABV	M
	PCB 58 (BZ)	29:32	00:00	0	11001928	13929654	2385110	3020761	0.79	AVV/AVV	
	PCB 67 (BZ)	29:41	00:00	0	11155648	14237498	2497523	3202760	0.78	AVV/AVV	
	PCB 63 (BZ)	29:56	00:00	0	11743079	14954701	2454777	3143789	0.79	AVV/AVB	
	PCB 61 (BZ)	30:10	00:00	0	10149048	12976550	2202404	2843365	0.78	AVV/ABV	M
	PCB 76 (BZ)	30:19	00:00	0	0	0	0	0	0.00 *	/	
	PCB 70 (BZ)	30:20	00:00	0	34239964	43903576	7059086	8988792	0.78	AVB/AVB	
	PCB 74 (BZ)	30:23	00:00	0	0	0	0	0	0.00 *	/	
	PCB 66 (BZ)	30:39	00:00	0	10968496	13947447	2436469	3068281	0.79	ABV/ABV	
	PCB 55 (BZ)	30:50	00:00	0	9950005	12664867	2230832	2885110	0.79	AVB/AVB	
	PCB 56 (BZ)	31:22	00:00	0	10656284	13337139	2365704	2965643	0.80	ABV/ABV	M
	PCB 60 (BZ)	31:34	00:00	0	10072856	12922594	2260821	2934475	0.78	AVV/AVV	
	PCB 80 (BZ)	31:50	00:00	0	12162598	15438579	2613842	3324688	0.79	AVV/AVV	
	PCB 79 (BZ)	33:26	00:00	0	12281396	15616052	2577375	3335887	0.79	ABV/ABV	
	PCB 78 (BZ)	34:01	00:00	0	10145968	12956437	2170176	2774094	0.78	ABV/ABV	
	PCB 81 (BZ)	34:29	00:00	0	11442900	14294814	2369607	3045627	0.80	AVV/AVV	
	PCB 77 (BZ)	35:05	00:00	0	10285198	13232193	2283884	2889853	0.78	ABV/ABV	M
302					**301.9626**	**303.9597**	**301.9626**	**303.9597**	**0.65-0.89**		
	Noise	00:00	00:00	0	215	185	86	74	1.16 *	/	
	13C12-PCB 54	21:00	00:00	0	1139918	1375459	298521	362405	0.83	ABV/ABV	
	13C12-PCB 52	25:30	00:00	0	1663806	2097957	401001	508351	0.79	ABV/ABV	
	13C12-PCB 79	33:25	00:00	0	10064381	12707820	2204416	2750612	0.79	ABV/ABV	
	13C12-PCB 81	34:28	00:00	0	2221100	2807510	481159	607142	0.79	AVB/ABV	M
	13C12-PCB 77	35:04	00:00	0	2305802	2856780	476754	588730	0.81	AVV/ABV	M
326					**325.8804**	**327.8775**	**325.8804**	**327.8775**	**1.32-1.78**		
	Noise	00:00	00:00	0	1088	748	435	299	1.45	/	
	PCB 104 (BZ)	26:27	00:00	0	10577318	6715609	2440915	1555984	1.58	ABV/ABV	
	PCB 96 (BZ)	26:56	00:00	0	9539236	6018060	2215037	1398978	1.59	AVV/AVV	D
	PCB 103 (BZ)	28:44	00:00	0	7875900	5034975	1731133	1121953	1.56	ABV/ABV	M
	PCB 94 (BZ)	29:00	00:00	0	6818727	4308563	1523882	975763	1.58	AVV/AVV	D
	PCB 100 (BZ)	29:34	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 95 (BZ)	29:34	00:00	0	16136318	10271665	2045876	1289300	1.57	ABV/ABV	M
	PCB 93 (BZ)	29:41	00:00	0	7168988	4234125	1572398	990374	1.69	AVV/AVV	DM
	PCB 102 (BZ)	29:49	00:00	0	15106598	9937804	2031481	1305459	1.52	AVB/AVB	
	PCB 98 (BZ)	29:53	00:00	0	0	0	0	0	0.00 *	/	
	PCB 88 (BZ)	30:12	00:00	0	6821449	4330102	1567598	982426	1.58	ABV/ABV	
	PCB 91 (BZ)	30:20	00:00	0	8331587	5268594	1861684	1188846	1.58	AVV/AVV	D
	PCB 84 (BZ)	30:37	00:00	0	6274242	3952950	1362075	865977	1.59	AVB/AVB	M
	PCB 89 (BZ)	31:05	00:00	0	6642534	4210146	1428075	910590	1.58	ABV/ABV	M
	PCB 121 (BZ)	31:18	00:00	0	10443250	6621278	2309437	1471881	1.58	AVV/AVV	M
	PCB 92 (BZ)	31:45	00:00	0	7395894	4677494	1611533	1036451	1.58	ABB/ABB	D
	PCB 113 (BZ)	32:19	00:00	0	26912476	17061132	4861496	3112453	1.58	ABV/ABV	D
	PCB 90 (BZ)	32:21	00:00	0	0	0	0	0	0.00 *	/	

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Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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 101 (BZ)	32:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 83 (BZ)	32:50	00:00	0	0	0	0	0	0.00 *	/	
	PCB 99 (BZ)	32:54	00:00	0	14729952	9293729	2680192	1686754	1.58	ABV/ABV	D
	PCB 112 (BZ)	33:02	00:00	0	10142145	6396321	2140468	1343847	1.59	AVB/AVB	D
	PCB 109 (BZ)/108 (IUPAC	33:23	00:00	0	54506208	34293712	4443725	2787690	1.59	ABB/ABB	D
	PCB 97 (BZ)	33:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 86 (BZ)	33:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 119 (BZ)	33:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 125 (BZ)	33:29	00:00	0	0	0	0	0	0.00 *	/	
	PCB 87 (BZ)	33:32	00:00	0	0	0	0	0	0.00 *	/	
	PCB 117 (BZ)	34:03	00:00	0	27432844	17346796	2479090	1549840	1.58	ABV/ABV	D
	PCB 116 (BZ)	34:09	00:00	0	0	0	0	0	0.00 *	/	
	PCB 85 (BZ)	34:09	00:00	0	0	0	0	0	0.00 *	/	
	PCB 110 (BZ)	34:17	00:00	0	0	0	0	0	0.00 *	/	
	PCB 115 (BZ)	34:22	00:00	0	21066690	13265888	4513693	2846004	1.59	AVB/AVB	D
	PCB 82 (BZ)	34:45	00:00	0	5743972	3648937	1267492	809131	1.57	ABB/ABV	M
	PCB 111 (BZ)	34:57	00:00	0	10625879	6788460	2253031	1445767	1.57	ABB/AVB	D
	PCB 120 (BZ)	35:25	00:00	0	11467844	7216564	2327488	1456636	1.59	AVB/AVB	D
	PCB 108 (BZ)/107 (IUPAC	36:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 124 (BZ)	36:38	00:00	0	30534600	19039238	6409355	3969614	1.60	AVV/AVV	D
	PCB 107 (BZ)/109 (IUPAC	36:52	00:00	0	14736473	9225018	3116821	1929450	1.60	AVV/AVV	D
	PCB 123 (BZ)	36:59	00:00	0	15708046	9817731	3240499	2039483	1.60	AVV/AVV	
	PCB 106 (BZ)	37:06	00:00	0	14452031	8972423	3056162	1886181	1.61	AVV/AVV	
	PCB 118 (BZ)	37:19	00:00	0	15474238	9717872	3273099	2039136	1.59	AVB/AVV	
	PCB 122 (BZ)	37:43	00:00	0	13988046	8619226	2913962	1781799	1.62	ABV/ABV	M
	PCB 114 (BZ)	37:52	00:00	0	16453113	10194268	3312732	2061480	1.61	AVB/AVV	
	PCB 105 (BZ)	38:34	00:00	0	16405728	10102382	3243035	1991416	1.62	ABB/ABB	M
	PCB 127 (BZ)	39:56	00:00	0	15711395	9827971	3205291	1985218	1.60	AVV/AVV	
	PCB 126 (BZ)	41:37	00:00	0	15208674	9488056	3104293	1948479	1.60	AVV/AVV	M
338					337.9207	339.9178	337.9207	339.9178	1.32-1.78		
	Noise	00:00	00:00	0	298	228	119	91	1.31 *	/	
	13C12-PCB 104	26:26	00:00	0	2352987	1478050	529947	333683	1.59	ABV/ABV	D
	13C12-PCB 95	29:28	00:00	0	7250832	4551732	1583809	1000908	1.59	ABV/ABV	D
	13C12-PCB 101	32:19	00:00	0	1943375	1186948	429768	267315	1.64	AVV/ABV	
	13C12-PCB 111	34:56	00:00	0	9477399	5933738	2054861	1296568	1.60	ABV/ABV	
	13C12-PCB 123	36:58	00:00	0	3475171	2187728	727701	460721	1.59	ABV/ABV	D
	13C12-PCB 118	37:17	00:00	0	3663931	2274909	774372	472866	1.61	AVV/AVV	D
	13C12-PCB 114	37:49	00:00	0	3538429	2186929	749557	471288	1.62	AVV/AVV	D
	13C12-PCB 105	38:32	00:00	0	3439893	2148437	705361	428722	1.60	ABV/AVV	M
	13C12-PCB 127	39:54	00:00	0	3644568	2245076	745101	468144	1.62	AVV/AVV	
	13C12-PCB 126	41:35	00:00	0	3530838	2203973	720788	450082	1.60	ABV/ABV	M
360					359.8415	361.8385	359.8415	361.8385	1.05-1.43		
	Noise	00:00	00:00	0	918	730	367	292	1.26	/	
	PCB 155 (BZ)	32:01	00:00	0	8611965	6835683	1878713	1470612	1.26	ABV/ABV	M

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Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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 152 (BZ)	32:22	00:00	0	8230936	6550756	1764262	1414954	1.26	AVV/AVV	
	PCB 150 (BZ)	32:28	00:00	0	8265556	6549482	1806046	1433026	1.26	AVB/AVB	
	PCB 136 (BZ)	32:57	00:00	0	7842538	6143458	1725952	1323295	1.28	ABV/ABV	M
	PCB 145 (BZ)	33:11	00:00	0	7897345	6219178	1680241	1317308	1.27	AVV/AVB	
	PCB 148 (BZ)	34:34	00:00	0	5917532	4715562	1260504	1011524	1.25	ABV/ABV	M
	PCB 151 (BZ)	35:12	00:00	0	0	0	0	0	0.00 *	/	
	PCB 135 (BZ)	35:16	00:00	0	0	0	0	0	0.00 *	/	
	PCB 154 (BZ)	35:25	00:00	0	18484460	14614656	1517417	1205577	1.26	AVV/AVV	
	PCB 144 (BZ)	35:48	00:00	0	6002725	4766578	1262438	1003428	1.26	AVB/AVB	
	PCB 149 (BZ)	36:08	00:00	0	0	0	0	0	0.00 *	/	
	PCB 147 (BZ)	36:10	00:00	0	18097080	14470341	3342018	2650010	1.25	ABV/ABV	
	PCB 134 (BZ)	36:19	00:00	0	0	0	0	0	0.00 *	/	
	PCB 143 (BZ)	36:30	00:00	0	15089777	11973304	1753951	1389092	1.26	AVV/AVV	M
	PCB 140 (BZ)	36:43	00:00	0	0	0	0	0	0.00 *	/	
	PCB 139 (BZ)	36:44	00:00	0	17900918	14265211	2830043	2277382	1.25	AVV/AVV	
	PCB 131 (BZ)	37:00	00:00	0	7488445	5934557	1598190	1257487	1.26	AVV/AVV	M
	PCB 142 (BZ)	37:08	00:00	0	7571336	6061785	1615664	1295307	1.25	AVV/AVB	
	PCB 132 (BZ)	37:30	00:00	0	7479535	5957287	1594200	1280623	1.26	AVB/ABB	M
	PCB 133 (BZ)	37:53	00:00	0	8280518	6612571	1720184	1402878	1.25	ABB/ABB	
	PCB 165 (BZ)	38:16	00:00	0	10622693	8419651	2188532	1744361	1.26	ABV/ABV	D
	PCB 146 (BZ)	38:31	00:00	0	9026104	7236027	1995266	1560430	1.25	AVV/AVV	D
	PCB 161 (BZ)	38:38	00:00	0	11950581	9523589	2534209	2009940	1.25	AVB/AVB	D
	PCB 153 (BZ)	39:09	00:00	0	22810110	18203724	3748509	3012146	1.25	ABV/ABV	D
	PCB 168 (BZ)	39:10	00:00	0	0	0	0	0	0.00 *	/	
	PCB 141 (BZ)	39:22	00:00	0	8041493	6456894	1689687	1378605	1.25	AVV/AVV	D
	PCB 130 (BZ)	39:48	00:00	0	7399893	5928856	1563130	1246633	1.25	ABV/ABV	M
	PCB 137 (BZ)	39:59	00:00	0	8984160	7189195	1903517	1504838	1.25	AVV/AVV	DM
	PCB 164 (BZ)	40:09	00:00	0	10837156	8668499	2236002	1794054	1.25	AVV/AVV	M
	PCB 138 (BZ)	40:20	00:00	0	0	0	0	0	0.00 *	/	
	PCB 163 (BZ)	40:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 129 (BZ)	40:26	00:00	0	38658196	30892940	4380804	3509531	1.25	AVV/AVV	
	PCB 160 (BZ)	40:32	00:00	0	0	0	0	0	0.00 *	/	
	PCB 158 (BZ)	40:48	00:00	0	12676921	10075675	2621441	2084954	1.26	AVB/AVB	M
	PCB 166 (BZ)	41:38	00:00	0	11361276	9116130	2340899	1919849	1.25	ABV/ABV	
	PCB 128 (BZ)	41:46	00:00	0	8144625	6542057	1655636	1315009	1.24	AVV/AVV	M
	PCB 159 (BZ)	42:36	00:00	0	11451675	9230603	2272439	1837490	1.24	AVB/AVB	D
	PCB 162 (BZ)	42:54	00:00	0	11383131	9154994	2374629	1935739	1.24	ABV/ABV	
	PCB 167 (BZ)	43:22	00:00	0	12370507	9818969	2506174	2000471	1.26	ABB/ABB	
	PCB 157 (BZ)	44:30	00:00	0	0	0	0	0	0.00 *	/	
	PCB 156 (BZ)	44:37	00:00	0	24416552	19364816	2591389	2042452	1.26	ABV/AVV	M
	PCB 169 (BZ)	47:47	00:00	0	13493779	10467700	2585576	2040395	1.29	ABV/ABV	M
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	248	218	99	87	1.14	/	
	13C12-PCB 155	31:59	00:00	0	2010317	1556202	450334	347409	1.29	ABV/ABV	M

Notes:
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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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
372					**371.8817**	**373.8788**	**371.8817**	**373.8788**	**1.05-1.43**		
	13C12-PCB 153	39:06	00:00	0	9169867	7195933	1906079	1510654	1.27	ABV/ABV	D
	13C12-PCB 138	40:25	00:00	0	2212822	1725058	458711	353493	1.28	AVV/AVV	M
	13C12-PCB 167	43:21	00:00	0	2764780	2159626	593897	460971	1.28	AVV/AVV	
	13C12-PCB 157	44:28	00:00	0	0	0	0	0	0.00 *	/	
	13C12-PCB 156	44:36	00:00	0	5447211	4284880	602336	480206	1.27	ABV/AVV	M
	13C12-PCB 169	47:46	00:00	0	2662439	2077374	543605	428790	1.28	ABV/ABV	M
394					**393.8025**	**395.7995**	**393.8025**	**395.7995**	**0.89-1.21**		
	Noise	00:00	00:00	0	750	750	300	300	1.00	/	
	PCB 188 (BZ)	37:45	00:00	0	8954544	8639318	1871230	1796163	1.04	ABV/ABV	
	PCB 179 (BZ)	38:12	00:00	0	8439368	7970969	1741535	1638591	1.06	AVV/AVV	M
	PCB 184 (BZ)	38:36	00:00	0	8304228	7962456	1751539	1672512	1.04	AVV/AVV	
	PCB 176 (BZ)	39:03	00:00	0	8883674	8515814	1817519	1753806	1.04	AVV/AVV	D
	PCB 186 (BZ)	39:31	00:00	0	8283452	7942074	1714651	1663993	1.04	AVV/AVV	D
	PCB 178 (BZ)	40:49	00:00	0	6206232	5937810	1342019	1287811	1.05	ABV/ABV	D
	PCB 175 (BZ)	41:26	00:00	0	6434666	6094967	1319524	1274763	1.06	ABV/ABV	D
	PCB 187 (BZ)	41:43	00:00	0	7075699	6681780	1489711	1393194	1.06	AVV/AVV	D
	PCB 182 (BZ)	41:53	00:00	0	6922639	6530344	1432626	1360186	1.06	AVB/AVB	D
	PCB 183 (BZ)	42:19	00:00	0	6765816	6399924	1377076	1310011	1.06	ABV/ABV	D
	PCB 185 (BZ)	42:27	00:00	0	6347888	6000560	1316585	1267253	1.06	AVV/AVV	D
	PCB 174 (BZ)	42:38	00:00	0	6480106	6111561	1330902	1252786	1.06	AVV/AVV	M
	PCB 177 (BZ)	43:04	00:00	0	6126694	5879525	1235015	1199591	1.04	ABB/ABV	M
	PCB 181 (BZ)	43:24	00:00	0	6774245	6484246	1429011	1365117	1.04	ABV/AVV	D
	PCB 173 (BZ)	43:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 171 (BZ)	43:40	00:00	0	11633161	11145888	2383247	2247260	1.04	AVB/AVB	D
	PCB 172 (BZ)	45:15	00:00	0	5797354	5544633	1201007	1135744	1.05	AVB/AVB	D
	PCB 192 (BZ)	45:30	00:00	0	7819309	7432751	1612589	1539084	1.05	ABB/ABB	D
	PCB 193 (BZ)	45:48	00:00	0	0	0	0	0	0.00 *	/	
	PCB 180 (BZ)	45:52	00:00	0	15496899	14718733	2326360	2194536	1.05	ABV/ABV	D
	PCB 191 (BZ)	46:14	00:00	0	8651925	8187911	1784471	1668812	1.06	AVV/AVB	D
	PCB 170 (BZ)	47:13	00:00	0	5824743	5548113	1157039	1104375	1.05	ABV/ABV	M
	PCB 190 (BZ)	47:42	00:00	0	8910232	8459471	1668836	1632038	1.05	MBV/MBV	D
	PCB 189 (BZ)	50:17	00:00	0	11823501	11154781	2320512	2212712	1.06	AVV/AVV	
406					**405.8428**	**407.8398**	**405.8428**	**407.8398**	**0.89-1.21**		
	Noise	00:00	00:00	0	253	210	101	84	1.20	/	
	13C12-PCB 188	37:43	00:00	0	2163117	2028093	454662	429787	1.07	ABV/ABV	D
	13C12-PCB 178	40:48	00:00	0	5664920	5304616	1212146	1131123	1.07	ABV/ABV	
	13C12-PCB 180	45:52	00:00	0	1731782	1618155	360299	342369	1.07	ABV/AVV	
	13C12-PCB 170	47:11	00:00	0	1379841	1304497	281006	269632	1.06	AVV/AVV	
	13C12-PCB 189	50:15	00:00	0	2684563	2553293	543951	512951	1.05	ABV/ABV	D
428					**427.7635**	**429.7606**	**427.7635**	**429.7606**	**0.76-1.02**		
	Noise	00:00	00:00	0	515	603	206	241	0.85	/	
	PCB 202 (BZ)	43:06	00:00	0	6083739	6752261	1237380	1380167	0.90	ABV/ABV	
	PCB 200 (BZ)/201 (IUPAC	44:01	00:00	0	6686146	7363045	1380162	1517295	0.91	ABV/ABV	
	PCB 204 (BZ)	44:39	00:00	0	6276799	6968644	1306779	1471856	0.90	ABV/ABV	

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS4	Prep Batch		Lot No	
Data File	/20070313i/a070313i4.d	Prep Date		SDG No	
Analysis ID	96222	Prep Exp Date		Date Received	
Analysis Date	03/13/07 23:21	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		
	PCB 197 (BZ)	44:54	00:00	0	6543211	7225385	1343735	1517414	0.91	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:06	00:00	0	6433201	7118624	1303146	1468025	0.90	AVB/AVB	D
	PCB 201 (BZ)/199 (IUPAC	47:49	00:00	0	0	0	0	0	0.00 *	/	
	PCB 198 (BZ)	47:49	00:00	0	9410587	10415039	1094158	1210339	0.90	ABV/ABV	D
	PCB 196 (BZ)	48:28	00:00	0	4614130	5141949	942378	1073036	0.90	ABV/AVV	D
	PCB 203 (BZ)	48:40	00:00	0	5150163	5712329	1038729	1142848	0.90	AVV/AVV	D
	PCB 195 (BZ)	50:03	00:00	0	6196740	6883983	1244636	1367892	0.90	ABV/ABV	
	PCB 194 (BZ)	52:20	00:00	0	6403107	7218891	1262556	1443399	0.89	ABV/ABV	
	PCB 205 (BZ)	52:48	00:00	0	8118189	9022183	1614246	1797312	0.90	AVV/AVV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	163	163	65	65	1.00	/	
	13C12-PCB 202	43:05	00:00	0	1601864	1713389	334530	365964	0.93	ABV/ABV	D
	13C12-PCB 194	52:19	00:00	0	1485494	1627178	305323	336119	0.91	ABV/ABV	
	13C12-PCB 205	52:47	00:00	0	2106401	2329872	424586	464835	0.90	AVV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	318	435	127	174	0.73	/	
	PCB 208 (BZ)	49:44	00:00	0	6609042	8376274	1349083	1733135	0.79	AVV/ABV	
	PCB 207 (BZ)	50:39	00:00	0	6833242	8739257	1361040	1767555	0.78	AVV/AVV	
	PCB 206 (BZ)	54:31	00:00	0	4865793	6195042	957552	1218121	0.79	ABV/ABV	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	188	178	75	71	1.06 *	/	
	13C12-PCB 208	49:43	00:00	0	1658765	2055648	332926	402096	0.81	AVV/AVV	
	13C12-PCB 206	54:29	00:00	0	1126442	1451249	220416	283382	0.78	ABV/ABV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	180	218	72	87	0.83 *	/	
	PCB 209 (BZ)	56:05	00:00	0	4934937	6961469	895774	1267283	0.71	ABV/ABV	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	120	285	48	114	0.42 *	/	
	13C12-PCB 209	56:04	00:00	0	1219123	1741706	223473	329379	0.70	ABV/ABV	

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STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)
Total Monochlorobiphenyl		878993288	305885962	1.000		8848.01930		8848.01930		0.171
13C12-PCB 1	12:10	9593784	3990450	1.000	100.0	123.177164	123.18	123.177164		0.0306
13C12-PCB 3	14:23	10268927	3310146	1.000	100.0	131.845506	131.85	131.845506		0.0306
PCB 1 (BZ)	12:10	277554760	103003772	1.000	2000	2893.06868	144.65	2893.06868		0.0518
PCB 2 (BZ)	14:13	296289012	100700478	1.000	2000	2983.36931	149.17	2983.36931		0.0566
PCB 3 (BZ)	14:24	305149516	102181712	1.000	2000	2971.58132	148.58	2971.58132		0.0625
Total Dichlorobiphenyl		2663409532	780583086	1.000		39641.5367		39641.5367		2.25
13C12-PCB 4	14:41	4675927	1547049	1.000	100.0	60.035480	60.04	60.035480		0.0290
13C12-PCB 9	16:38	7788606	2356072	1.000	100.0	100.000000	100.00	100.000000		0.0290
13C12-PCB 8				1.000				ND		0.0362
13C12-PCB 15	20:40	8745660	2218593	1.000	100.0	112.287873	112.29	112.287873		0.0290
PCB 4 (BZ)	14:42	123537772	42012982	1.000	2000	2641.99531	132.10	2641.99531		0.227
PCB 10 (BZ)	14:51	201743968	66293540	1.000	2000	3006.26100	150.31	3006.26100		0.187
PCB 9 (BZ)	16:39	220629400	74163416	1.000	2000	3287.67977	164.38	3287.67977		0.187
PCB 7 (BZ)	16:49	224488416	75240650	1.000	2000	3345.18438	167.26	3345.18438		0.187
PCB 6 (BZ)	17:05	222695928	72322418	1.000	2000	3318.47386	165.92	3318.47386		0.187
PCB 5 (BZ)	17:24	207363768	63289444	1.000	2000	3090.00371	154.50	3090.00371		0.187
PCB 8 (BZ)	17:32	227109720	74274806	1.000	2000	3384.24540	169.21	3384.24540		0.187
PCB 14 (BZ)	19:07	270606592	77303182	1.000	2000	4032.40827	201.62	4032.40827		0.187
PCB 11 (BZ)	20:02	218076720	63245038	1.000	2000	3249.64134	162.48	3249.64134		0.187
PCB 13 (BZ)	20:21	502568096	102382832	1.000	2000	7488.95188	374.45	7488.95188	C12	0.187
PCB 12 (BZ)	20:26			1.000	2000			ND	C12	0.187
PCB 15 (BZ)	20:41	244589152	70054778	1.000	2000	2796.69175	139.83	2796.69175		0.158
Total Trichlorobiphenyl		6032106464	374992401	1.000		74940.5030		74940.5030		4.99
13C12-PCB 19	17:52	3516714	1008600	1.000	100.0	53.501393	53.50	53.501393		0.0555
13C12-PCB 32	21:07	6573126	1698038	1.000	100.0	100.000000	100.00	100.000000		0.0555
13C12-PCB 31	23:24	11454058	2699113	1.000	100.0	100.000000	100.00	100.000000		0.0349
13C12-PCB 28				1.000				ND		0.0349
13C12-PCB 37	27:46	10782409	2362380	1.000	100.0	94.136148	94.14	94.136148		0.0349
PCB 19 (BZ)	17:53	88222152	26206503	1.000	2000	2508.65302	125.43	2508.65302		0.337
PCB 30 (BZ)	19:36	147627976	42365208	1.000	2000	4197.89542	209.89	4197.89542		0.337
PCB 18 (BZ)	19:44	97705768	26048715	1.000	2000	2778.32568	138.92	2778.32568		0.337
PCB 17 (BZ)	20:08	103563520	27989993	1.000	2000	2944.89458	147.24	2944.89458		0.337
PCB 27 (BZ)	20:24	163514024	44039014	1.000	2000	4649.62530	232.48	4649.62530		0.337
PCB 24 (BZ)	20:30	141656688	40511728	1.000	2000	4028.09805	201.40	4028.09805		0.337
PCB 16 (BZ)	20:41	89405640	22500714	1.000	2000	2542.30626	127.12	2542.30626		0.337
PCB 32 (BZ)	21:08	159707368	42227926	1.000	2000	4541.38062	227.07	4541.38062		0.337
PCB 34 (BZ)	22:22	285323200	77140872	1.000	2000	2646.19159	132.31	2646.19159		0.144
PCB 23 (BZ)	22:30	294305680	81525664	1.000	2000	2729.49839	136.47	2729.49839		0.144
PCB 29 (BZ)	22:50	682951520	156832624	1.000	2000	6333.94189	316.70	6333.94189	C26	0.144
PCB 26 (BZ)	22:56			1.000	2000			ND	C26	0.144
PCB 25 (BZ)	23:05	335467504	80065948	1.000	2000	3111.24818	155.56	3111.24818		0.144
PCB 31 (BZ)	23:25	305517456	82878060	1.000	2000	2833.48050	141.67	2833.48050		0.144
PCB 28 (BZ)	23:41	616550464	79497228	1.000	2000	5718.11424	285.91	5718.11424	C20	0.144
PCB 20 (BZ)	23:47			1.000	2000			ND	C20	0.144
PCB 21 (BZ)	23:58	654608480	93992104	1.000	2000	6071.07818	303.55	6071.07818	C21	0.144
PCB 33 (BZ)	24:01			1.000	2000			ND	C21	0.144
PCB 22 (BZ)	24:23	314934832	78939740	1.000	2000	2920.82068	146.04	2920.82068		0.144
PCB 36 (BZ)	25:52	322912800	75989076	1.000	2000	2994.81127	149.74	2994.81127		0.144

STL - Knoxville

IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)	26:16	328881392	80529128	1.000	2000	3050.16617	152.51	3050.16617		0.144
PCB 38 (BZ)	26:52	306188576	71245104	1.000	2000	2839.70471	141.99	2839.70471		0.144
PCB 35 (BZ)	27:21	294455536	71658016	1.000	2000	2730.88821	136.54	2730.88821		0.144
PCB 37 (BZ)	27:48	298605888	72809036	1.000	2000	2769.38009	138.47	2769.38009		0.144
Total Tetrachlorobiphenyl		8467129324	759051721	1.000		104426.679		104426.679		6.49
13C12-PCB 54	21:01	3821191	962310	1.000	100.0	58.133543	58.13	58.133543		0.0215
13C12-PCB 52	25:31	5799151	1327367	1.000	100.0	100.000000	100.00	100.000000		0.0275
13C12-PCB 79				1.000				ND		0.0207
13C12-PCB 81	34:30	8262818	1833775	1.000	100.0	142.483236	142.48	142.483236		0.0275
13C12-PCB 77	35:06	8172610	1689379	1.000	100.0	140.927698	140.93	140.927698		0.0275
PCB 54 (BZ)	21:02	99489008	25633354	1.000	2000	2603.61254	130.18	2603.61254		0.277
PCB 50 (BZ)	23:15			1.000	2000			ND	C50	0.151
PCB 53 (BZ)	23:10	326818912	59757258	1.000	2000	3977.00519	198.85	3977.00519	C50	0.151
PCB 45 (BZ)	23:54	313245704	62745808	1.000	2000	3811.83507	190.59	3811.83507	C45	0.151
PCB 51 (BZ)	23:56			1.000	2000			ND	C45	0.151
PCB 46 (BZ)	24:13	116565776	27911537	1.000	2000	1418.46961	70.92	1418.46961		0.151
PCB 52 (BZ)	25:33	147955800	35621758	1.000	2000	1800.44961	90.02	1800.44961		0.151
PCB 73 (BZ)	25:41	321415232	47720640	1.000	2000	3911.24870	195.56	3911.24870	C43	0.151
PCB 43 (BZ)	25:49			1.000	2000			ND	C43	0.151
PCB 69 (BZ)	25:56	209609808	52379474	1.000	2000	2550.70702	127.54	2550.70702		0.151
PCB 49 (BZ)	26:02	167888096	42550060	1.000	2000	2043.00242	102.15	2043.00242		0.151
PCB 48 (BZ)	26:19	150598596	36073989	1.000	2000	1832.60936	91.63	1832.60936		0.151
PCB 65 (BZ)	26:36			1.000	2000			ND	C44	0.151
PCB 47 (BZ)	26:37			1.000	2000			ND	C44	0.151
PCB 44 (BZ)	26:34	588582304	100134756	1.000	2000	7162.36053	358.12	7162.36053	C44	0.151
PCB 62 (BZ)	26:52	734248032	85494580	1.000	2000	8934.94264	446.75	8934.94264	C59	0.151
PCB 75 (BZ)	26:58			1.000	2000			ND	C59	0.151
PCB 59 (BZ)	26:54			1.000	2000			ND	C59	0.151
PCB 42 (BZ)	27:06	141865528	34294766	1.000	2000	1726.33810	86.32	1726.33810		0.151
PCB 41 (BZ)	27:31	116837272	28229145	1.000	2000	1421.77340	71.09	1421.77340		0.151
PCB 71 (BZ)	27:36			1.000	2000			ND	C40	0.151
PCB 40 (BZ)	27:38	352105648	63306844	1.000	2000	4284.71529	214.24	4284.71529	C40	0.151
PCB 64 (BZ)	27:50	236718760	58325290	1.000	2000	2880.59137	144.03	2880.59137		0.151
PCB 72 (BZ)	28:34	216134440	52085454	1.000	2000	2630.10419	131.51	2630.10419		0.151
PCB 68 (BZ)	28:51	234811144	54952300	1.000	2000	2857.37790	142.87	2857.37790		0.151
PCB 57 (BZ)	29:17	207339016	48551412	1.000	2000	2523.07413	126.15	2523.07413		0.151
PCB 58 (BZ)	29:35	223202112	47790846	1.000	2000	2716.10952	135.81	2716.10952		0.151
PCB 67 (BZ)	29:43	236848448	58273408	1.000	2000	2882.16952	144.11	2882.16952		0.151
PCB 63 (BZ)	29:59	245802752	56574808	1.000	2000	2991.13296	149.56	2991.13296		0.151
PCB 61 (BZ)	30:12	212477976	48041184	1.000	2000	2585.60928	129.28	2585.60928		0.151
PCB 70 (BZ)	30:22	815170240	155327472	1.000	2000	9919.67158	495.98	9919.67158	C70	0.151
PCB 76 (BZ)	30:21			1.000	2000			ND	C70	0.151
PCB 74 (BZ)	30:25			1.000	2000			ND	C70	0.151
PCB 66 (BZ)	30:41	239338560	57838032	1.000	2000	2912.47128	145.62	2912.47128		0.151
PCB 55 (BZ)	30:52	210429424	50951544	1.000	2000	2560.68079	128.03	2560.68079		0.151
PCB 56 (BZ)	31:24	220838080	51448476	1.000	2000	2687.34200	134.37	2687.34200		0.151
PCB 60 (BZ)	31:36	207822720	49520254	1.000	2000	2528.96024	126.45	2528.96024		0.151
PCB 80 (BZ)	31:53	257213704	58874568	1.000	2000	3129.99094	156.50	3129.99094		0.151
PCB 79 (BZ)	33:30	254780400	58719028	1.000	2000	3100.38047	155.02	3100.38047		0.151

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)	34:04	208149720	45552404	1.000	2000	2532.93945	126.65	2532.93945		0.151
PCB 81 (BZ)	34:31	237851760	54917404	1.000	2000	2878.57920	143.93	2878.57920		0.145
PCB 77 (BZ)	35:07	214974352	49453868	1.000	2000	2630.42470	131.52	2630.42470		0.158
Total Pentachlorobiphenyl		7166042524	361222085	1.000		103234.885		103234.885		11.8
13C12-PCB 104	26:27	6131699	1343262	1.000	100.0	117.246929	117.25	117.246929		0.0401
13C12-PCB 95				1.000				ND		0.0346
13C12-PCB 101	32:21	5229731	1158934	1.000	100.0	100.000000	100.00	100.000000		0.0401
13C12-PCB 111				1.000				ND		0.0401
13C12-PCB 123	37:00	9111963	1876420	1.000	100.0	97.644656	97.64	97.644656		0.0246
13C12-PCB 118	37:19	8999409	1912624	1.000	100.0	96.438517	96.44	96.438517		0.0246
13C12-PCB 114	37:52	9252634	1950035	1.000	100.0	99.152100	99.15	99.152100		0.0246
13C12-PCB 105	38:34	8840870	1767507	1.000	100.0	94.739598	94.74	94.739598		0.0246
13C12-PCB 127	39:57	9331758	1890896	1.000	100.0	100.000000	100.00	100.000000		0.0246
13C12-PCB 126	41:38	9185771	1866926	1.000	100.0	98.435590	98.44	98.435590		0.0246
PCB 104 (BZ)	26:29	152995772	35179639	1.000	2000	2495.16116	124.76	2495.16116		0.276
PCB 96 (BZ)	26:58	135693528	33781322	1.000	2000	2212.98417	110.65	2212.98417		0.276
PCB 103 (BZ)	28:45	111437160	26199212	1.000	2000	1817.39449	90.87	1817.39449		0.276
PCB 94 (BZ)	29:03	94250836	21261813	1.000	2000	1537.10800	76.86	1537.10800		0.276
PCB 95 (BZ)	29:36	233311840	30545228	1.000	2000	3805.01130	190.25	3805.01130	C95	0.276
PCB 100 (BZ)	29:36			1.000	2000			ND	C95	0.276
PCB 93 (BZ)	29:43	98290676	23442083	1.000	2000	1602.99251	80.15	1602.99251		0.276
PCB 102 (BZ)	29:51	227809192	30362280	1.000	2000	3715.27030	185.76	3715.27030	C98	0.276
PCB 98 (BZ)	29:55			1.000	2000			ND	C98	0.276
PCB 88 (BZ)	30:13	99162652	22497229	1.000	2000	1617.21330	80.86	1617.21330		0.276
PCB 91 (BZ)	30:22	122687544	27376139	1.000	2000	2000.87356	100.04	2000.87356		0.276
PCB 84 (BZ)	30:39	90698572	19992078	1.000	2000	1479.17522	73.96	1479.17522		0.276
PCB 89 (BZ)	31:06	93305512	21353150	1.000	2000	1521.69100	76.08	1521.69100		0.276
PCB 121 (BZ)	31:20	155533984	35448950	1.000	2000	2536.55608	126.83	2536.55608		0.276
PCB 92 (BZ)	31:47	104537336	23159111	1.000	2000	1704.86738	85.24	1704.86738		0.276
PCB 113 (BZ)	32:21	454084528	87731338	1.000	2000	7405.52542	370.28	7405.52542	C90	0.276
PCB 90 (BZ)	32:23			1.000	2000			ND	C90	0.276
PCB 101 (BZ)	32:23			1.000	2000			ND	C90	0.276
PCB 83 (BZ)	32:52			1.000	2000			ND	C83	0.276
PCB 99 (BZ)	32:56	221377208	41879527	1.000	2000	3610.37305	180.52	3610.37305	C83	0.276
PCB 112 (BZ)	33:05	147551792	33524717	1.000	2000	2406.37696	120.32	2406.37696		0.276
PCB 109 (BZ)/108 (IUPAC)	33:26	877041888	72019802	1.000	2000	14303.4074	715.17	14303.4074	C86	0.276
PCB 86 (BZ)	33:27			1.000	2000			ND	C86	0.276
PCB 119 (BZ)	33:28			1.000	2000			ND	C86	0.276
PCB 97 (BZ)	33:28			1.000	2000			ND	C86	0.276
PCB 125 (BZ)	33:31			1.000	2000			ND	C86	0.276
PCB 87 (BZ)	33:34			1.000	2000			ND	C86	0.276
PCB 117 (BZ)	34:06	417387024	40668282	1.000	2000	6807.03707	340.35	6807.03707	C85	0.276
PCB 116 (BZ)	34:11			1.000	2000			ND	C85	0.276
PCB 85 (BZ)	34:11			1.000	2000			ND	C85	0.276
PCB 110 (BZ)	34:19			1.000	2000			ND	C110	0.276
PCB 115 (BZ)	34:25	351146944	81607278	1.000	2000	5726.74790	286.34	5726.74790	C110	0.276
PCB 82 (BZ)	34:47	80153684	18448391	1.000	2000	1307.20187	65.36	1307.20187		0.276
PCB 111 (BZ)	35:00	151673388	33508566	1.000	2000	2473.59481	123.68	2473.59481		0.276
PCB 120 (BZ)	35:27	169814296	39215018	1.000	2000	2769.44932	138.47	2769.44932		0.276

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Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)	36:41	523647712	113961464	1.000	2000	5768.23362	288.41	5768.23362	C108	0.198
PCB 108 (BZ)/107 (IUPAC)	36:38			1.000	2000			ND	C108	0.198
PCB 107 (BZ)/109 (IUPAC)	36:55	220716928	48868754	1.000	2000	2431.30405	121.57	2431.30405		0.198
PCB 123 (BZ)	37:02	235101584	52881736	1.000	2000	2580.14200	129.01	2580.14200		0.197
PCB 106 (BZ)	37:09	217676232	50210610	1.000	2000	2397.80931	119.89	2397.80931		0.198
PCB 118 (BZ)	37:20	225924480	50163244	1.000	2000	2510.43685	125.52	2510.43685		0.194
PCB 122 (BZ)	37:45	211630408	45623482	1.000	2000	2331.21163	116.56	2331.21163		0.198
PCB 114 (BZ)	37:53	246238536	54742322	1.000	2000	2661.28041	133.06	2661.28041		0.190
PCB 105 (BZ)	38:36	238005016	47162394	1.000	2000	2692.09949	134.60	2692.09949		0.210
PCB 127 (BZ)	39:58	229064440	46931424	1.000	2000	2523.25595	126.16	2523.25595		0.198
PCB 126 (BZ)	41:40	228091832	51475502	1.000	2000	2483.09948	124.15	2483.09948		0.198
Total Hexachlorobiphenyl		6193969460	149497005	1.000		85226.1015		85226.1015		11.6
13C12-PCB 155	32:01	5798844	1280438	1.000	100.0	110.882261	110.88	110.882261		0.0408
13C12-PCB 153				1.000				ND		0.0395
13C12-PCB 138	40:27	6363166	1275675	1.000	100.0	100.000000	100.00	100.000000		0.0370
13C12-PCB 167	43:23	7741251	1582801	1.000	100.0	121.657222	121.66	121.657222		0.0370
13C12-PCB 156	44:38	15490724	1708141	1.000	200.0	243.443657	121.72	243.443657		0.0370
13C12-PCB 157	44:30			1.000				ND		0.0370
13C12-PCB 169	47:49	7574798	1495027	1.000	100.0	119.041339	119.04	119.041339		0.0370
PCB 155 (BZ)	32:02	136728680	31696538	1.000	2000	2357.86098	117.89	2357.86098		0.259
PCB 152 (BZ)	32:24	134084252	28862926	1.000	2000	2312.25831	115.61	2312.25831		0.259
PCB 150 (BZ)	32:31	129154620	31351969	1.000	2000	2227.24771	111.36	2227.24771		0.259
PCB 136 (BZ)	32:59	125333392	27859022	1.000	2000	2161.35133	108.07	2161.35133		0.259
PCB 145 (BZ)	33:12	124473896	28398970	1.000	2000	2146.52948	107.33	2146.52948		0.259
PCB 148 (BZ)	34:36	92621760	20428883	1.000	2000	1597.24524	79.86	1597.24524		0.259
PCB 151 (BZ)	35:14			1.000	2000			ND	C135	0.259
PCB 135 (BZ)	35:18			1.000	2000			ND	C135	0.259
PCB 154 (BZ)	35:26	291073672	25242541	1.000	2000	5019.51203	250.98	5019.51203	C135	0.259
PCB 144 (BZ)	35:49	92810588	20861977	1.000	2000	1600.50155	80.03	1600.50155		0.259
PCB 147 (BZ)	36:13	289677464	55799564	1.000	2000	3761.21789	188.06	3761.21789	C147	0.278
PCB 149 (BZ)	36:11			1.000	2000			ND	C147	0.278
PCB 134 (BZ)	36:21			1.000	2000			ND	C134	0.278
PCB 143 (BZ)	36:32	232391864	26937372	1.000	2000	3017.41262	150.87	3017.41262	C134	0.278
PCB 139 (BZ)	36:46	294511264	50638636	1.000	2000	3823.98071	191.20	3823.98071	C139	0.278
PCB 140 (BZ)	36:46			1.000	2000			ND	C139	0.278
PCB 131 (BZ)	37:02	116350012	24864085	1.000	2000	1510.70691	75.54	1510.70691		0.278
PCB 142 (BZ)	37:11	118434360	27066201	1.000	2000	1537.77041	76.89	1537.77041		0.278
PCB 132 (BZ)	37:33	113131856	24462902	1.000	2000	1468.92186	73.45	1468.92186		0.278
PCB 133 (BZ)	37:54	131694304	30140866	1.000	2000	1709.93962	85.50	1709.93962		0.278
PCB 165 (BZ)	38:17	170007552	37399327	1.000	2000	2207.40487	110.37	2207.40487		0.278
PCB 146 (BZ)	38:33	146076812	31290241	1.000	2000	1896.68437	94.83	1896.68437		0.278
PCB 161 (BZ)	38:40	190925504	45060778	1.000	2000	2479.00686	123.95	2479.00686		0.278
PCB 153 (BZ)	39:10	382973504	67721988	1.000	2000	4972.58839	248.63	4972.58839	C153	0.278
PCB 168 (BZ)	39:12			1.000	2000			ND	C153	0.278
PCB 141 (BZ)	39:24	124108892	26940961	1.000	2000	1611.44943	80.57	1611.44943		0.278
PCB 130 (BZ)	39:50	113586356	24204217	1.000	2000	1474.82316	73.74	1474.82316		0.278
PCB 137 (BZ)	40:01	141928176	32138897	1.000	2000	1842.81782	92.14	1842.81782		0.278
PCB 164 (BZ)	40:11	170146152	38096020	1.000	2000	2209.20448	110.46	2209.20448		0.278
PCB 138 (BZ)	40:22			1.000	2000			ND	C129	0.278

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Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)	40:23			1.000	2000			ND	C129	0.278
PCB 129 (BZ)	40:29	662995552	78344108	1.000	2000	8608.43883	430.42	8608.43883	C129	0.278
PCB 160 (BZ)	40:34			1.000	2000			ND	C129	0.278
PCB 158 (BZ)	40:50	197773632	42350976	1.000	2000	2567.92403	128.40	2567.92403		0.278
PCB 166 (BZ)	41:41	184234552	38972000	1.000	2000	2392.13048	119.61	2392.13048		0.278
PCB 128 (BZ)	41:48	128278048	27241050	1.000	2000	1665.58241	83.28	1665.58241		0.278
PCB 159 (BZ)	42:38	184565984	38391274	1.000	2000	2396.43385	119.82	2396.43385		0.278
PCB 162 (BZ)	42:56	179821032	39110352	1.000	2000	2334.82464	116.74	2334.82464		0.278
PCB 167 (BZ)	43:24	194418096	42108486	1.000	2000	2511.45578	125.57	2511.45578		0.210
PCB 156 (BZ)	44:39	390781696	42842646	1.000	4000	5045.36387	126.13	5045.36387	C156	0.389
PCB 157 (BZ)	44:32			1.000				ND	C156	0.389
PCB 169 (BZ)	47:50	208875936	42671232	1.000	2000	2757.51163	137.88	2757.51163		0.222
Total Heptachlorobiphenyl		3017850868	632528430	1.000		53279.1939		53279.1939		6.16
13C12-PCB 188	37:46	6906447	1466370	1.000	100.0	124.658020	124.66	124.658020		0.0347
13C12-PCB 178				1.000				ND		0.0347
13C12-PCB 180	45:54	5540315	1138718	1.000	100.0	100.000000	100.00	100.000000		0.0347
13C12-PCB 170	47:13	4209952	837801	1.000	100.0	75.987593	75.99	75.987593		0.0347
13C12-PCB 189	50:16	7827793	1575063	1.000	100.0	165.041606	165.04	165.041606		0.0428
PCB 188 (BZ)	37:47	155851328	34235346	1.000	2000	2256.60644	112.83	2256.60644		0.203
PCB 179 (BZ)	38:13	144515888	31056489	1.000	2000	2600.04859	130.00	2600.04859		0.258
PCB 184 (BZ)	38:38	145680640	31616200	1.000	2000	2621.00416	131.05	2621.00416		0.258
PCB 176 (BZ)	39:05	150637216	31844864	1.000	2000	2710.18009	135.51	2710.18009		0.258
PCB 186 (BZ)	39:34	141551200	31877530	1.000	2000	2546.70960	127.34	2546.70960		0.258
PCB 178 (BZ)	40:51	104699200	23835609	1.000	2000	1883.68913	94.18	1883.68913		0.258
PCB 175 (BZ)	41:28	105391328	21659526	1.000	2000	1896.14151	94.81	1896.14151		0.258
PCB 187 (BZ)	41:45	121236372	26527859	1.000	2000	2181.21663	109.06	2181.21663		0.258
PCB 182 (BZ)	41:55	115044404	25299205	1.000	2000	2069.81423	103.49	2069.81423		0.258
PCB 183 (BZ)	42:20	111933580	23776531	1.000	2000	2013.84603	100.69	2013.84603		0.258
PCB 185 (BZ)	42:29	104466200	22960880	1.000	2000	1879.49713	93.97	1879.49713		0.258
PCB 174 (BZ)	42:40	109678160	23997922	1.000	2000	1973.26778	98.66	1973.26778		0.258
PCB 177 (BZ)	43:06	101741212	20768407	1.000	2000	1830.47068	91.52	1830.47068		0.258
PCB 181 (BZ)	43:26	116290284	25268920	1.000	2000	2092.22940	104.61	2092.22940		0.258
PCB 171 (BZ)	43:42	209298640	46611304	1.000	2000	3765.58344	188.28	3765.58344	C171	0.258
PCB 173 (BZ)	43:36			1.000	2000			ND	C171	0.258
PCB 172 (BZ)	45:16	98102448	20832934	1.000	2000	1765.00408	88.25	1765.00408		0.258
PCB 192 (BZ)	45:32	132307356	28057546	1.000	2000	2380.39955	119.02	2380.39955		0.258
PCB 193 (BZ)	45:53	271077760	42582672	1.000	2000	4877.07863	243.85	4877.07863	C180	0.258
PCB 180 (BZ)	45:52			1.000	2000			ND	C180	0.258
PCB 191 (BZ)	46:16	145154336	30548782	1.000	2000	2611.53519	130.58	2611.53519		0.258
PCB 170 (BZ)	47:15	93091540	19757566	1.000	2000	2211.22569	110.56	2211.22569		0.355
PCB 190 (BZ)	47:43	147389296	28194378	1.000	2000	2651.74534	132.59	2651.74534		0.258
PCB 189 (BZ)	50:17	192712480	41217960	1.000	2000	2461.90056	123.10	2461.90056		0.189
Total Octachlorobiphenyl		1286266252	260255414	1.000		22276.0477		22276.0477		2.16
13C12-PCB 202	43:07	5475544	1166601	1.000	100.0	98.830915	98.83	98.830915		0.0318
13C12-PCB 194	52:20	4742921	922818	1.000	100.0	100.000000	100.00	100.000000		0.0393
13C12-PCB 205	52:47	6733085	1336362	1.000	100.0	141.960724	141.96	141.960724		0.0393
PCB 202 (BZ)	43:08	112551560	25156231	1.000	2000	2055.53202	102.78	2055.53202		0.186
PCB 200 (BZ)/201 (IUPAC)	44:02	121418384	26368993	1.000	2000	2217.46705	110.87	2217.46705		0.186
PCB 204 (BZ)	44:42	116595632	25877369	1.000	2000	2129.38901	106.47	2129.38901		0.186

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IsoCalc Preliminary Sample Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	3/14/2007	Matrix	UNKNOWN	Date Sampled	
Analysis Time	00:23	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)	44:55	118409592	25458112	1.000	2000	2162.51740	108.13	2162.51740		0.186
PCB 199 (BZ)/200 (IUPAC)	45:07	116585748	24756242	1.000	2000	2129.20850	106.46	2129.20850		0.186
PCB 198 (BZ)	47:51	174302624	22114729	1.000	2000	3183.29328	159.16	3183.29328	C198	0.186
PCB 201 (BZ)/199 (IUPAC)	47:50			1.000	2000			ND	C198	0.186
PCB 196 (BZ)	48:30	80059300	16903993	1.000	2000	1462.12504	73.11	1462.12504		0.186
PCB 203 (BZ)	48:41	90122840	18864758	1.000	2000	1645.91573	82.30	1645.91573		0.186
PCB 195 (BZ)	50:05	105908832	22214884	1.000	2000	1572.96146	78.65	1572.96146		0.163
PCB 194 (BZ)	52:22	109780828	22971994	1.000	2000	1630.46847	81.52	1630.46847		0.163
PCB 205 (BZ)	52:50	140530912	29568109	1.000	2000	2087.16973	104.36	2087.16973		0.163
Total Nonachlorobiphenyl		341535684	72117261	1.000		7130.20429		7130.20429		0.409
13C12-PCB 208	49:44	5602633	1144140	1.000	100.0	118.126214	118.13	118.126214		0.0368
13C12-PCB 206	54:31	3986771	782325	1.000	100.0	84.057293	84.06	84.057293		0.0368
PCB 208 (BZ)	49:45	122813444	25411819	1.000	2000	2192.06655	109.60	2192.06655		0.112
PCB 207 (BZ)	50:40	129669764	27661809	1.000	2000	2704.43844	135.22	2704.43844		0.133
PCB 206 (BZ)	54:32	89052476	19043633	1.000	2000	2233.69930	111.68	2233.69930		0.164
13C12-PCB 209	56:05	4573959	840156	1.000	100.0	96.437596	96.44	96.437596		0.0328
PCB 209 (BZ)	56:07	97743148	18550912	1.000	2000	2136.94849	106.85	2136.94849		0.101

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IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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	1200	868	480	347	1.38 *	/	
	PCB 1 (BZ)	12:10	00:00	0	210471872	67082888	77641040	25362732	3.14	ABV/ABV	
	PCB 2 (BZ)	14:13	00:00	0	231296912	64992100	77957240	22743238	3.56	ABV/ABV	
	PCB 3 (BZ)	14:24	00:00	0	238555008	66594508	77259672	24922040	3.58	AVV/AVV	
200					200.0795	202.0766	200.0795	202.0766	2.66-3.60		
	Noise	00:00	00:00	0	360	360	144	144	1.00 *	/	
	13C12-PCB 1	12:10	00:00	0	7334944	2258840	3058298	932152	3.25	AVV/AVV	
	13C12-PCB 3	14:23	00:00	0	7851382	2417545	2524679	785467	3.25	ABV/AVV	
222					222.0003	223.9974	222.0003	223.9974	1.33-1.79		
	Noise	00:00	00:00	0	1443	2070	577	828	0.70 *	/	
	PCB 4 (BZ)	14:42	00:00	0	76697192	46840580	26408386	15604596	1.64	ABV/ABV	
	PCB 10 (BZ)	14:51	00:00	0	126522640	75221328	41703784	24589756	1.68	AVV/AVV	
	PCB 9 (BZ)	16:39	00:00	0	138651632	81977768	47217172	26946244	1.69	ABV/ABV	
	PCB 7 (BZ)	16:49	00:00	0	141111376	83377040	47890448	27350202	1.69	AVV/AVV	D
	PCB 6 (BZ)	17:05	00:00	0	139494224	83201704	45642192	26680226	1.68	AVV/AVV	
	PCB 5 (BZ)	17:24	00:00	0	129654296	77709472	39838416	23451028	1.67	AVV/AVV	
	PCB 8 (BZ)	17:32	00:00	0	142398576	84711144	47105408	27169398	1.68	AVB/AVB	
	PCB 14 (BZ)	19:07	00:00	0	169875488	100731104	48828120	28475062	1.69	ABV/ABV	M
	PCB 11 (BZ)	20:02	00:00	0	136455440	81621280	39838156	23406882	1.67	MBV/MVV	
	PCB 13 (BZ)	20:21	00:00	0	319345152	183222944	65744260	36638572	1.74	AVV/AVV	
	PCB 12 (BZ)	20:26	00:00	0	0	0	0	0	0.00 *	/	
	PCB 15 (BZ)	20:41	00:00	0	153150752	91438400	44330740	25724038	1.67	AVV/AVV	
234					234.0406	236.0376	234.0406	236.0376	1.33-1.79		
	Noise	00:00	00:00	0	428	255	171	102	1.68	/	
	13C12-PCB 4	14:41	00:00	0	2877878	1798049	945225	601824	1.60	AVV/ABV	
	13C12-PCB 9	16:38	00:00	0	4808112	2980494	1446322	909750	1.61	ABV/ABV	
	13C12-PCB 15	20:40	00:00	0	5390541	3355119	1361973	856620	1.61	AVV/ABV	
256					255.9613	257.9584	255.9613	257.9584	0.88-1.20		
	Noise	00:00	00:00	0	1795	1600	718	640	1.12	/	
	PCB 19 (BZ)	17:53	00:00	0	45118912	43103240	13339009	12867494	1.05	ABV/ABV	
	PCB 30 (BZ)	19:36	00:00	0	75554112	72073864	21672138	20693070	1.05	ABV/ABV	M
	PCB 18 (BZ)	19:44	00:00	0	49775256	47930512	13179415	12869300	1.04	AVV/AVV	M
	PCB 17 (BZ)	20:08	00:00	0	53020612	50542908	14241924	13748069	1.05	ABV/ABV	
	PCB 27 (BZ)	20:24	00:00	0	84184544	79329480	22825506	21213508	1.06	AVV/AVV	
	PCB 24 (BZ)	20:30	00:00	0	72363200	69293488	20751112	19760616	1.04	AVV/AVV	
	PCB 16 (BZ)	20:41	00:00	0	45862088	43543552	11523598	10977116	1.05	AVB/AVB	D
	PCB 32 (BZ)	21:08	00:00	0	81715312	77992056	21527156	20700770	1.05	ABV/ABV	M
	PCB 34 (BZ)	22:22	00:00	0	147408224	137914976	39966308	37174564	1.07	ABV/ABV	M
	PCB 23 (BZ)	22:30	00:00	0	151699456	142606224	41889928	39635736	1.06	AVB/AVB	DM
	PCB 29 (BZ)	22:50	00:00	0	347366688	335584832	78351352	78481272	1.04	ABV/ABV	M
	PCB 26 (BZ)	22:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 25 (BZ)	23:05	00:00	0	173356096	162111408	41138940	38927008	1.07	AVV/AVV	D
	PCB 31 (BZ)	23:25	00:00	0	158198208	147319248	43137436	39740624	1.07	AVV/AVV	D

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

STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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 28 (BZ)	23:41	00:00	0	318988576	297561888	41050896	38446332	1.07	AVV/AVV	M
	PCB 20 (BZ)	23:47	00:00	0	0	0	0	0	0.00 *	/	
	PCB 21 (BZ)	23:58	00:00	0	339438016	315170464	48776324	45215780	1.08	AVV/AVV	
	PCB 33 (BZ)	24:01	00:00	0	0	0	0	0	0.00 *	/	
	PCB 22 (BZ)	24:23	00:00	0	163078464	151856368	40516856	38422884	1.07	AVV/AVV	D
	PCB 36 (BZ)	25:52	00:00	0	167614272	155298528	39397744	36591332	1.08	AVV/AVV	M
	PCB 39 (BZ)	26:16	00:00	0	169936336	158945056	41337088	39192040	1.07	AVV/AVV	D
	PCB 38 (BZ)	26:52	00:00	0	159416432	146772144	37013964	34231140	1.09	AVV/AVV	D
	PCB 35 (BZ)	27:21	00:00	0	152703744	141751792	36985852	34672164	1.08	AVV/AVV	
	PCB 37 (BZ)	27:48	00:00	0	154800752	143805136	37683920	35125116	1.08	AVV/AVV	
268					268.0016	269.9986	268.0016	269.9986	0.88-1.20		
	Noise	00:00	00:00	0	613	330	245	132	1.86 *	/	
	13C12-PCB 19	17:52	00:00	0	1833619	1683095	530337	478263	1.09	AVV/ABV	
	13C12-PCB 32	21:07	00:00	0	3407109	3166017	872501	825537	1.08	AVV/ABV	
	13C12-PCB 31	23:24	00:00	0	5909714	5544344	1399428	1299685	1.07	ABV/AVV	
	13C12-PCB 37	27:46	00:00	0	5615060	5167349	1229573	1132807	1.09	ABV/ABV	
290					289.9224	291.9194	289.9224	291.9194	0.65-0.89		
	Noise	00:00	00:00	0	1030	1638	412	655	0.63 *	/	
	PCB 54 (BZ)	21:02	00:00	0	43314232	56174776	11058869	14574485	0.77	ABV/ABV	
	PCB 53 (BZ)	23:10	00:00	0	139620240	187198672	25142554	34614704	0.75	ABV/ABV	
	PCB 50 (BZ)	23:15	00:00	0	0	0	0	0	0.00 *	/	
	PCB 45 (BZ)	23:54	00:00	0	133763928	179481776	26473472	36272336	0.75	AVV/AVV	
	PCB 51 (BZ)	23:56	00:00	0	0	0	0	0	0.00 *	/	
	PCB 46 (BZ)	24:13	00:00	0	50604100	65961676	12118807	15792730	0.77	AVV/AVV	D
	PCB 52 (BZ)	25:33	00:00	0	63770552	84185248	15412816	20208942	0.76	ABV/ABV	D
	PCB 73 (BZ)	25:41	00:00	0	139547504	181867728	20460384	27260256	0.77	AVV/AVV	
	PCB 43 (BZ)	25:49	00:00	0	0	0	0	0	0.00 *	/	
	PCB 69 (BZ)	25:56	00:00	0	88798048	120811760	22295988	30083486	0.74	AVV/AVV	M
	PCB 49 (BZ)	26:02	00:00	0	72479000	95409096	18262312	24287748	0.76	AVB/AVB	M
	PCB 48 (BZ)	26:19	00:00	0	65153596	85445000	15508839	20565150	0.76	ABV/ABV	D
	PCB 44 (BZ)	26:34	00:00	0	245588704	342993600	40709296	59425460	0.72	AVV/AVV	
	PCB 65 (BZ)	26:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 47 (BZ)	26:37	00:00	0	0	0	0	0	0.00 *	/	
	PCB 62 (BZ)	26:52	00:00	0	308318848	425929184	35466780	50027800	0.72	AVV/AVV	
	PCB 59 (BZ)	26:54	00:00	0	0	0	0	0	0.00 *	/	
	PCB 75 (BZ)	26:58	00:00	0	0	0	0	0	0.00 *	/	
	PCB 42 (BZ)	27:06	00:00	0	61114912	80750616	14578870	19715896	0.76	AVB/AVV	D
	PCB 41 (BZ)	27:31	00:00	0	50396216	66441056	12246700	15982445	0.76	ABV/ABV	
	PCB 71 (BZ)	27:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 40 (BZ)	27:38	00:00	0	149734768	202370880	26662620	36644224	0.74	AVV/AVV	D
	PCB 64 (BZ)	27:50	00:00	0	101169096	135549664	24676406	33648884	0.75	AVV/AVV	D
	PCB 72 (BZ)	28:34	00:00	0	92364800	123769640	21946780	30138674	0.75	ABV/ABV	M
	PCB 68 (BZ)	28:51	00:00	0	100376840	134434304	23200886	31751414	0.75	AVV/AVV	M
	PCB 57 (BZ)	29:17	00:00	0	89114840	118224176	20573264	27978148	0.75	ABV/ABV	M

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Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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 58 (BZ)	29:35	00:00	0	96048176	127153936	20524634	27266212	0.76	AVV/AVV	
	PCB 67 (BZ)	29:43	00:00	0	100929408	135919040	24487232	33786176	0.74	AVV/AVV	
	PCB 63 (BZ)	29:59	00:00	0	105092016	140710736	23836780	32738028	0.75	AVV/AVV	
	PCB 61 (BZ)	30:12	00:00	0	90771808	121706168	20280604	27760580	0.75	AVV/AVV	M
	PCB 76 (BZ)	30:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 70 (BZ)	30:22	00:00	0	369823104	445347136	77312904	78014568	0.83	AVB/AVB	
	PCB 74 (BZ)	30:25	00:00	0	0	0	0	0	0.00 *	/	
	PCB 66 (BZ)	30:41	00:00	0	102220864	137117696	24492846	33345186	0.75	ABV/ABV	
	PCB 55 (BZ)	30:52	00:00	0	90033688	120395736	21622380	29329164	0.75	AVB/AVB	
	PCB 56 (BZ)	31:24	00:00	0	94400928	126437152	21684524	29763952	0.75	ABV/ABV	M
	PCB 60 (BZ)	31:36	00:00	0	88907360	118915360	20933912	28586342	0.75	AVV/AVV	
	PCB 80 (BZ)	31:53	00:00	0	110046040	147167664	24942716	33931852	0.75	AVV/AVV	
	PCB 79 (BZ)	33:30	00:00	0	109027328	145753072	24779444	33939584	0.75	ABV/ABV	
	PCB 78 (BZ)	34:04	00:00	0	89318632	118831088	19326966	26225438	0.75	ABV/ABV	
	PCB 81 (BZ)	34:31	00:00	0	103177264	134674496	23319114	31598290	0.77	AVV/AVV	
	PCB 77 (BZ)	35:07	00:00	0	91695448	123278904	21038706	28415162	0.74	ABB/ABB	M
302					**301.9626**	**303.9597**	**301.9626**	**303.9597**	**0.65-0.89**		
	Noise	00:00	00:00	0	190	175	76	70	1.09 *	/	
	13C12-PCB 54	21:01	00:00	0	1705118	2116073	426769	535541	0.81	ABV/ABV	
	13C12-PCB 52	25:31	00:00	0	2576148	3223003	594621	732746	0.80	AVV/ABV	
	13C12-PCB 81	34:30	00:00	0	3706924	4555894	824176	1009599	0.81	ABV/ABV	M
	13C12-PCB 77	35:06	00:00	0	3644319	4528291	740826	948553	0.80	ABB/ABB	M
326					**325.8804**	**327.8775**	**325.8804**	**327.8775**	**1.32-1.78**		
	Noise	00:00	00:00	0	1925	1780	770	712	1.08 *	/	
	PCB 104 (BZ)	26:29	00:00	0	94398728	58597044	21847800	13331839	1.61	ABV/ABV	
	PCB 96 (BZ)	26:58	00:00	0	84030240	51663288	21020722	12760600	1.63	AVV/AVV	D
	PCB 103 (BZ)	28:45	00:00	0	68683656	42753504	16249490	9949722	1.61	ABV/ABV	M
	PCB 94 (BZ)	29:03	00:00	0	58173676	36077160	13156662	8105151	1.61	AVV/AVV	D
	PCB 100 (BZ)	29:36	00:00	0	0	0	0	0	0.00 *	/	M
	PCB 95 (BZ)	29:36	00:00	0	144107648	89204192	18933594	11611634	1.62	ABV/ABV	M
	PCB 93 (BZ)	29:43	00:00	0	60830096	37460580	14498516	8943567	1.62	AVV/AVV	DM
	PCB 102 (BZ)	29:51	00:00	0	140717840	87091352	18735236	11627044	1.62	AVB/AVB	D
	PCB 98 (BZ)	29:55	00:00	0	0	0	0	0	0.00 *	/	
	PCB 88 (BZ)	30:13	00:00	0	61398004	37764648	13967318	8529911	1.63	ABV/ABV	
	PCB 91 (BZ)	30:22	00:00	0	76154296	46533248	17060066	10316073	1.64	AVV/AVV	D
	PCB 84 (BZ)	30:39	00:00	0	56117336	34581236	12436765	7555313	1.62	AVB/AVB	M
	PCB 89 (BZ)	31:06	00:00	0	57419452	35886060	13150069	8203081	1.60	ABV/ABV	D
	PCB 121 (BZ)	31:20	00:00	0	96245904	59288080	22069756	13379194	1.62	AVV/AVV	M
	PCB 92 (BZ)	31:47	00:00	0	64420460	40116876	14299207	8859904	1.61	ABB/ABB	D
	PCB 113 (BZ)	32:21	00:00	0	286746336	167338192	56080428	31650910	1.71	ABV/ABV	D
	PCB 90 (BZ)	32:23	00:00	0	0	0	0	0	0.00 *	/	
	PCB 101 (BZ)	32:23	00:00	0	0	0	0	0	0.00 *	/	
	PCB 83 (BZ)	32:52	00:00	0	0	0	0	0	0.00 *	/	
	PCB 99 (BZ)	32:56	00:00	0	137454224	83922984	26231558	15647969	1.64	ABV/ABV	D

Notes:
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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	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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 112 (BZ)	33:05	00:00	0	91230936	56320856	20755620	12769097	1.62	AVB/AVB	D
	PCB 109 (BZ)/108 (IUPAC	33:26	00:00	0	549054656	327987232	45655344	26364458	1.67	ABB/ABB	D
	PCB 86 (BZ)	33:27	00:00	0	0	0	0	0	0.00 *	/	
	PCB 97 (BZ)	33:28	00:00	0	0	0	0	0	0.00 *	/	
	PCB 119 (BZ)	33:28	00:00	0	0	0	0	0	0.00 *	/	
	PCB 125 (BZ)	33:31	00:00	0	0	0	0	0	0.00 *	/	
	PCB 87 (BZ)	33:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 117 (BZ)	34:06	00:00	0	257786848	159600176	25165980	15502302	1.62	ABV/ABV	D
	PCB 116 (BZ)	34:11	00:00	0	0	0	0	0	0.00 *	/	
	PCB 85 (BZ)	34:11	00:00	0	0	0	0	0	0.00 *	/	
	PCB 110 (BZ)	34:19	00:00	0	0	0	0	0	0.00 *	/	
	PCB 115 (BZ)	34:25	00:00	0	220204752	130942192	51826460	29780818	1.68	AVB/AVB	D
	PCB 82 (BZ)	34:47	00:00	0	49010200	31143484	11273930	7174461	1.57	ABV/ABV	M
	PCB 111 (BZ)	35:00	00:00	0	93650136	58023252	20781904	12726662	1.61	AVB/AVB	D
	PCB 120 (BZ)	35:27	00:00	0	104751848	65062448	24266430	14948588	1.61	AVB/AVB	D
	PCB 108 (BZ)/107 (IUPAC	36:38	00:00	0	0	0	0	0	0.00 *	/	
	PCB 124 (BZ)	36:41	00:00	0	334985696	188662016	73664936	40296528	1.78 *	AVV/AVV	D
	PCB 107 (BZ)/109 (IUPAC	36:55	00:00	0	138545888	82171040	31064494	17804260	1.69	AVV/AVV	D
	PCB 123 (BZ)	37:02	00:00	0	147520672	87580912	33297840	19583896	1.68	AVV/AVV	
	PCB 106 (BZ)	37:09	00:00	0	137160608	80515624	31844790	18365820	1.70	AVV/AVV	
	PCB 118 (BZ)	37:20	00:00	0	141727648	84196832	31682490	18480754	1.68	AVV/AVV	
	PCB 122 (BZ)	37:45	00:00	0	132846800	78783608	28676986	16946496	1.69	ABV/ABV	M
	PCB 114 (BZ)	37:53	00:00	0	155126960	91111576	34709796	20032526	1.70	AVB/AVB	
	PCB 105 (BZ)	38:36	00:00	0	149819264	88185752	29837270	17325124	1.70	ABB/ABB	M
	PCB 127 (BZ)	39:58	00:00	0	143620624	85443816	29611570	17319854	1.68	AVV/AVV	
	PCB 126 (BZ)	41:40	00:00	0	143472944	84618888	32809846	18665656	1.70	AVV/AVV	M
338					**337.9207**	**339.9178**	**337.9207**	**339.9178**	**1.32-1.78**		
	Noise	00:00	00:00	0	260	205	104	82	1.27 *	/	
	13C12-PCB 104	26:27	00:00	0	3789773	2341926	823510	519752	1.62	ABV/ABV	D
	13C12-PCB 101	32:21	00:00	0	3229177	2000554	716383	442551	1.61	AVV/ABV	
	13C12-PCB 123	37:00	00:00	0	5592385	3519578	1154301	722119	1.59	ABV/ABV	D
	13C12-PCB 118	37:19	00:00	0	5543662	3455747	1183692	728932	1.60	AVV/AVV	D
	13C12-PCB 114	37:52	00:00	0	5726251	3526383	1202264	747771	1.62	AVV/AVV	D
	13C12-PCB 105	38:34	00:00	0	5465549	3375321	1091683	675824	1.62	ABV/ABV	M
	13C12-PCB 127	39:57	00:00	0	5765924	3565834	1168307	722589	1.62	AVV/ABV	
	13C12-PCB 126	41:38	00:00	0	5663393	3522378	1146731	720195	1.61	ABV/ABV	M
360					**359.8415**	**361.8385**	**359.8415**	**361.8385**	**1.05-1.43**		
	Noise	00:00	00:00	0	1715	1608	686	643	1.07	/	
	PCB 155 (BZ)	32:02	00:00	0	76788728	59939952	17797896	13898642	1.28	ABV/ABV	M
	PCB 152 (BZ)	32:24	00:00	0	75310800	58773452	16299396	12563530	1.28	AVV/AVV	
	PCB 150 (BZ)	32:31	00:00	0	72484984	56669636	17610462	13741507	1.28	AVB/AVB	
	PCB 136 (BZ)	32:59	00:00	0	70585688	54747704	15791201	12067821	1.29	ABV/ABV	M
	PCB 145 (BZ)	33:12	00:00	0	69606984	54866912	15866168	12532802	1.27	AVB/AVB	
	PCB 148 (BZ)	34:36	00:00	0	51701084	40920676	11412097	9016786	1.26	ABV/ABV	M

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STL - Knoxville

IsoCalc Preliminary Peak Report

PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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 151 (BZ)	35:14	00:00	0	0	0	0	0	0.00 *	/	
	PCB 135 (BZ)	35:18	00:00	0	0	0	0	0	0.00 *	/	
	PCB 154 (BZ)	35:26	00:00	0	162651600	128422072	14156677	11085864	1.27	AVV/AVV	
	PCB 144 (BZ)	35:49	00:00	0	51835692	40974896	11657345	9204632	1.27	AVB/AVB	
	PCB 149 (BZ)	36:11	00:00	0	0	0	0	0	0.00 *	/	
	PCB 147 (BZ)	36:13	00:00	0	162394928	127282536	31377012	24422552	1.28	ABV/ABV	
	PCB 134 (BZ)	36:21	00:00	0	0	0	0	0	0.00 *	/	
	PCB 143 (BZ)	36:32	00:00	0	129504144	102887720	14995313	11942059	1.26	AVV/AVV	
	PCB 140 (BZ)	36:46	00:00	0	0	0	0	0	0.00 *	/	
	PCB 139 (BZ)	36:46	00:00	0	164686496	129824768	28316500	22322136	1.27	AVV/AVV	
	PCB 131 (BZ)	37:02	00:00	0	64624132	51725880	13823411	11040674	1.25	AVV/AVV	M
	PCB 142 (BZ)	37:11	00:00	0	65906512	52527848	15129612	11936589	1.25	AVB/AVB	
	PCB 132 (BZ)	37:33	00:00	0	62879636	50252220	13644389	10818513	1.25	ABB/ABB	M
	PCB 133 (BZ)	37:54	00:00	0	73370120	58324184	16762314	13378552	1.26	ABB/ABB	
	PCB 165 (BZ)	38:17	00:00	0	94742008	75265544	20830548	16568779	1.26	ABV/ABV	D
	PCB 146 (BZ)	38:33	00:00	0	81313192	64763620	17451004	13839237	1.26	AVV/AVV	D
	PCB 161 (BZ)	38:40	00:00	0	106959576	83965928	25216312	19844466	1.27	AVB/AVB	D
	PCB 153 (BZ)	39:10	00:00	0	213908128	169065376	37952256	29769732	1.27	ABV/ABV	D
	PCB 168 (BZ)	39:12	00:00	0	0	0	0	0	0.00 *	/	
	PCB 141 (BZ)	39:24	00:00	0	69111200	54997692	14976171	11964790	1.26	AVV/AVV	D
	PCB 130 (BZ)	39:50	00:00	0	63138844	50447512	13420204	10784013	1.25	ABV/ABV	M
	PCB 137 (BZ)	40:01	00:00	0	79124632	62803544	17908000	14230897	1.26	AVV/AVV	D
	PCB 164 (BZ)	40:11	00:00	0	94528904	75617248	21179038	16916982	1.25	AVV/AVV	M
	PCB 138 (BZ)	40:22	00:00	0	0	0	0	0	0.00 *	/	
	PCB 163 (BZ)	40:23	00:00	0	0	0	0	0	0.00 *	/	
	PCB 129 (BZ)	40:29	00:00	0	370460256	292535296	44198388	34145720	1.27	AVV/AVV	
	PCB 160 (BZ)	40:34	00:00	0	0	0	0	0	0.00 *	/	
	PCB 158 (BZ)	40:50	00:00	0	110344552	87429080	23689842	18661134	1.26	AVB/AVB	M
	PCB 166 (BZ)	41:41	00:00	0	102621176	81613376	21796744	17175256	1.26	ABV/ABV	
	PCB 128 (BZ)	41:48	00:00	0	71065488	57212560	15132883	12108167	1.24	AVV/AVV	M
	PCB 159 (BZ)	42:38	00:00	0	102525488	82040496	21317988	17073286	1.25	AVB/AVB	D
	PCB 162 (BZ)	42:56	00:00	0	99774360	80046672	21722064	17388288	1.25	ABV/ABV	
	PCB 167 (BZ)	43:24	00:00	0	108166528	86251568	23446170	18662316	1.25	ABB/ABB	
	PCB 157 (BZ)	44:32	00:00	0	0	0	0	0	0.00 *	/	
	PCB 156 (BZ)	44:39	00:00	0	218930096	171851600	23929354	18913292	1.27	ABV/AVV	M
	PCB 169 (BZ)	47:50	00:00	0	117904272	90971664	23969500	18701732	1.30	ABV/AVV	M
372					371.8817	373.8788	371.8817	373.8788	1.05-1.43		
	Noise	00:00	00:00	0	240	233	96	93	1.03 *	/	
	13C12-PCB 155	32:01	00:00	0	3262042	2536802	711296	569142	1.29	ABV/ABV	M
	13C12-PCB 138	40:27	00:00	0	3577775	2785391	718108	557567	1.28	ABV/AVV	M
	13C12-PCB 167	43:23	00:00	0	4364936	3376315	887624	695177	1.29	AVV/AVV	
	13C12-PCB 157	44:30	00:00	0	0	0	0	0	0.00 *	/	
	13C12-PCB 156	44:38	00:00	0	8681503	6809221	959134	749007	1.27	AVV/ABV	M
	13C12-PCB 169	47:49	00:00	0	4242504	3332294	835097	659930	1.27	ABV/ABV	M

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STL - Knoxville

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PCB's by EPA Method 1668A

IsoCalc

Workorder	2990:71CS5	Prep Batch		Lot No	
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	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**		
	Noise	00:00	00:00	0	1480	1493	592	597	0.99	/	
	PCB 188 (BZ)	37:47	00:00	0	79627408	76223920	17456088	16779258	1.04	ABV/ABV	
	PCB 179 (BZ)	38:13	00:00	0	73629064	70886824	15836503	15219986	1.04	AVV/AVV	D
	PCB 184 (BZ)	38:38	00:00	0	74468056	71212584	16052958	15563242	1.05	AVV/AVV	
	PCB 176 (BZ)	39:05	00:00	0	76933792	73703424	16213942	15630922	1.04	AVV/AVV	D
	PCB 186 (BZ)	39:34	00:00	0	72200048	69351152	16274898	15602632	1.04	AVV/AVV	M
	PCB 178 (BZ)	40:51	00:00	0	53463472	51235728	12139313	11696296	1.04	ABV/ABV	D
	PCB 175 (BZ)	41:28	00:00	0	53630292	51761036	10935673	10723853	1.04	ABV/ABV	D
	PCB 187 (BZ)	41:45	00:00	0	61977792	59258580	13493585	13034274	1.05	AVV/AVV	D
	PCB 182 (BZ)	41:55	00:00	0	58702912	56341492	12895321	12403884	1.04	AVB/AVB	D
	PCB 183 (BZ)	42:20	00:00	0	56979920	54953660	12007304	11769227	1.04	ABV/ABV	D
	PCB 185 (BZ)	42:29	00:00	0	53302060	51164140	11679425	11281455	1.04	AVV/AVV	D
	PCB 174 (BZ)	42:40	00:00	0	56192604	53485556	12251224	11746698	1.05	AVV/AVV	M
	PCB 177 (BZ)	43:06	00:00	0	51848732	49892480	10546144	10222263	1.04	ABB/ABB	M
	PCB 181 (BZ)	43:26	00:00	0	59517100	56773184	12927016	12341904	1.05	ABV/ABV	D
	PCB 173 (BZ)	43:36	00:00	0	0	0	0	0	0.00 *	/	
	PCB 171 (BZ)	43:42	00:00	0	106307368	102991272	23547720	23063584	1.03	AVB/AVB	D
	PCB 172 (BZ)	45:16	00:00	0	50073716	48028732	10608530	10224404	1.04	ABV/ABV	D
	PCB 192 (BZ)	45:32	00:00	0	67579000	64728356	14344818	13712728	1.04	AVV/AVV	D
	PCB 180 (BZ)	45:52	00:00	0	0	0	0	0	0.00 *	/	
	PCB 193 (BZ)	45:53	00:00	0	137781680	133296080	21596054	20986618	1.03	AVV/AVV	D
	PCB 191 (BZ)	46:16	00:00	0	74125040	71029296	15583788	14964994	1.04	AVB/AVV	D
	PCB 170 (BZ)	47:15	00:00	0	47415076	45676464	10065827	9691739	1.04	ABV/ABV	M
	PCB 190 (BZ)	47:43	00:00	0	75211688	72177608	14351277	13843101	1.04	MBV/MBV	D
	PCB 189 (BZ)	50:17	00:00	0	99300904	93411576	21131674	20086286	1.06	AVV/AVV	
406					**405.8428**	**407.8398**	**405.8428**	**407.8398**	**0.89-1.21**		
	Noise	00:00	00:00	0	198	198	79	79	1.00	/	
	13C12-PCB 188	37:46	00:00	0	3560677	3345770	753290	713080	1.06	ABV/ABV	D
	13C12-PCB 180	45:54	00:00	0	2854455	2685860	585536	553182	1.06	ABV/ABV	
	13C12-PCB 170	47:13	00:00	0	2184725	2025227	427854	409947	1.08	AVV/ABV	
	13C12-PCB 189	50:16	00:00	0	3993354	3834439	799957	775106	1.04	ABV/AVV	D
428					**427.7635**	**429.7606**	**427.7635**	**429.7606**	**0.76-1.02**		
	Noise	00:00	00:00	0	1180	993	472	397	1.19 *	/	
	PCB 202 (BZ)	43:08	00:00	0	53157044	59394516	11807575	13348656	0.89	ABV/ABV	
	PCB 200 (BZ)/201 (IUPAC	44:02	00:00	0	57028052	64390332	12307730	14061263	0.89	ABV/ABV	
	PCB 204 (BZ)	44:42	00:00	0	54909864	61685768	12229425	13647944	0.89	ABV/ABV	
	PCB 197 (BZ)	44:55	00:00	0	55482436	62927156	11882506	13575606	0.88	AVV/AVV	
	PCB 199 (BZ)/200 (IUPAC	45:07	00:00	0	54576792	62008956	11520332	13235910	0.88	AVB/AVB	D
	PCB 201 (BZ)/199 (IUPAC	47:50	00:00	0	0	0	0	0	0.00 *	/	
	PCB 198 (BZ)	47:51	00:00	0	82090440	92212184	10352450	11762279	0.89	ABV/ABV	D
	PCB 196 (BZ)	48:30	00:00	0	37715116	42344184	7939904	8964089	0.89	AVV/AVV	D
	PCB 203 (BZ)	48:41	00:00	0	42458708	47664132	8912870	9951888	0.89	AVV/AVV	D
	PCB 195 (BZ)	50:05	00:00	0	49556564	56352268	10393064	11821820	0.88	ABV/ABV	
	PCB 194 (BZ)	52:22	00:00	0	51393328	58387500	10697721	12274273	0.88	ABV/ABV	

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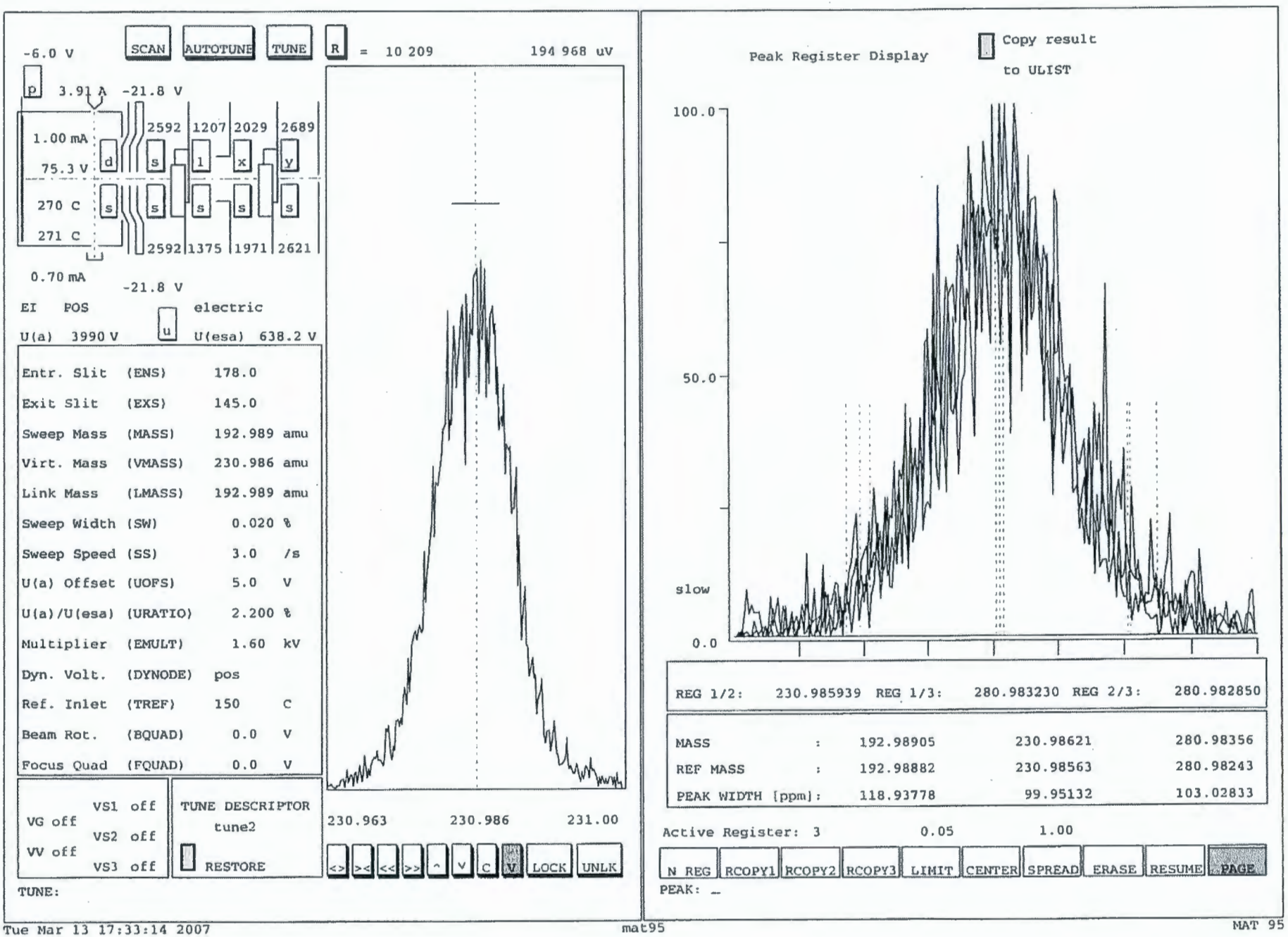
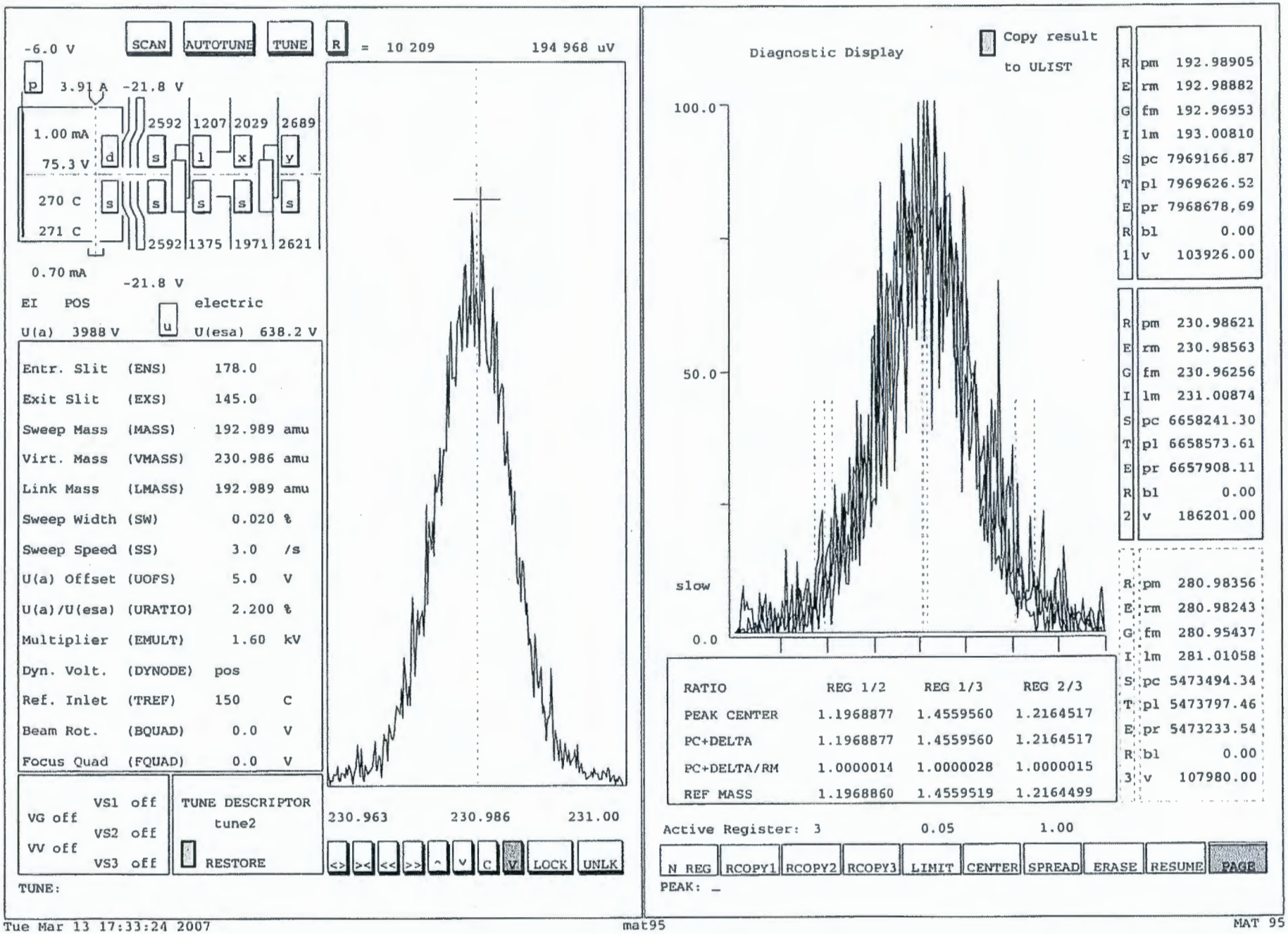
Data File	/20070313i/a070313i5.d	Prep Date		SDG No	
Analysis ID	96223	Prep Exp Date		Date Received	
Analysis Date	03/14/07 00:23	Matrix	UNKNOWN	Date Sampled	
Anal Exp Date		Initial Wt/Vol		Lims Test Code	
Instrument	M1D	Extract Vol		Method	IE3
Analyst	DCG	Diluton Factor	1.00	Code	IE3

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		
	PCB 205 (BZ)	52:50	00:00	0	65662224	74868688	13836496	15731613	0.88	AVV/AVV	
440					439.8038	441.8008	439.8038	441.8008	0.76-1.02		
	Noise	00:00	00:00	0	155	208	62	83	0.75 *	/	
	13C12-PCB 202	43:07	00:00	0	2621595	2853949	562150	604451	0.92	ABV/ABV	D
	13C12-PCB 194	52:20	00:00	0	2257332	2485589	438104	484714	0.91	ABV/ABV	
	13C12-PCB 205	52:47	00:00	0	3200704	3532381	637059	699303	0.91	AVV/AVV	
462					461.7246	463.7216	461.7246	463.7216	0.65-0.89		
	Noise	00:00	00:00	0	553	730	221	292	0.76	/	
	PCB 208 (BZ)	49:45	00:00	0	53298564	69514880	10935371	14476448	0.77	ABV/ABV	
	PCB 207 (BZ)	50:40	00:00	0	56155156	73514608	11895975	15765834	0.76	AVV/AVV	
	PCB 206 (BZ)	54:32	00:00	0	38663684	50388792	8234668	10808965	0.77	ABV/ABV	
474					473.7648	475.7619	473.7648	475.7619	0.65-0.89		
	Noise	00:00	00:00	0	175	165	70	66	1.06 *	/	
	13C12-PCB 208	49:44	00:00	0	2491827	3110806	512264	631876	0.80	AVV/AVV	
	13C12-PCB 206	54:31	00:00	0	1746583	2240188	338122	444203	0.78	AVV/AVV	
496					495.6856	497.6826	495.6856	497.6826	0.59-0.79		
	Noise	00:00	00:00	0	355	490	142	196	0.72	/	
	PCB 209 (BZ)	56:07	00:00	0	39844312	57898836	7560655	10990257	0.69	ABV/ABV	
508					507.7258	509.7229	507.7258	509.7229	0.59-0.79		
	Noise	00:00	00:00	0	150	153	60	61	0.98 *	/	
	13C12-PCB 209	56:05	00:00	0	1911566	2662393	351211	488945	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


-6.0 V
SCAN
AUTOTUNE
TUNE
R
= 10 209
194 968 uV
p
3.91 A
-21.8 V
1.00 mA
75.3 V
270 C
271 C
2592
1207
2029
2689
2592
1375
1971
2621
0.70 mA
-21.8 V
EI POS
electric
U(a) 3990 V
U(esa) 638.2 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 192.989 amu
Virt. Mass (VMASS) 230.986 amu
Link Mass (LMASS) 192.989 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VS1 off
VS2 off
VV off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
TUNE:
230.963
230.986
231.00
LOCK
UNLK
Peak Register Display
Copy result
to ULIST
100.0
50.0
slow
0.0
REG 1/2: 230.985939 REG 1/3: 280.983230 REG 2/3: 280.982850
MASS : 192.98905 230.98621 280.98356
REF MASS : 192.98882 230.98563 280.98243
PEAK WIDTH [ppm]: 118.93778 99.95132 103.02833
Active Register: 3 0.05 1.00
N REG
RCOPY1
RCOPY2
RCOPY3
LIMIT
CENTER
SPREAD
ERASE
RESUME
PAGE
PEAK: _
Tue Mar 13 17:33:14 2007
mat95
MAT 95


-6.0 V
SCAN
AUTOTUNE
TUNE
R
= 10 209
194 968 uV
p
3.91 A
-21.8 V
1.00 mA
75.3 V
270 C
271 C
2592
1207
2029
2689
2592
1375
1971
2621
0.70 mA
-21.8 V
EI POS
electric
U(a) 3988 V
U(esa) 638.2 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 192.989 amu
Virt. Mass (VMASS) 230.986 amu
Link Mass (LMASS) 192.989 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VV off
VS1 off
VS2 off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
230.963
230.986
231.00
LOCK
UNLK
TUNE:
Diagnostic Display
Copy result to ULIST
100.0
50.0
slow
0.0
R pm 192.98905
E rm 192.98882
G fm 192.96953
I lm 193.00810
S pc 7969166.87
T pl 7969626.52
E pr 7968678,69
R bl 0.00
1 v 103926.00
R pm 230.98621
E rm 230.98563
G fm 230.96256
I lm 231.00874
S pc 6658241.30
T pl 6658573.61
E pr 6657908.11
R bl 0.00
2 v 186201.00
R pm 280.98356
E rm 280.98243
G fm 280.95437
I lm 281.01058
S pc 5473494.34
T pl 5473797.46
E pr 5473233.54
R bl 0.00
3 v 107980.00
RATIO REG 1/2 REG 1/3 REG 2/3
PEAK CENTER 1.1968877 1.4559560 1.2164517
PC+DELTA 1.1968877 1.4559560 1.2164517
PC+DELTA/RM 1.0000014 1.0000028 1.0000015
REF MASS 1.1968860 1.4559519 1.2164499
Active Register: 3
0.05
1.00
N REG
RCOPY1
RCOPY2
RCOPY3
LIMIT
CENTER
SPREAD
ERASE
RESUME
PAGE
PEAK: _
Tue Mar 13 17:33:24 2007
mat95
MAT 95

-6.0 V SCAN AUTOTUNE TUNE R = 10 209 159 375 uV

p 3.91 A -21.8 V

1.00 mA 75.3 V d s 2592 1 1207 x 2029 y 2689

270 C s s s s s

271 C 2592 1375 1971 2621

0.70 mA -21.8 V

EI POS u electric

U(a) 4381 V U(esa) 701.2 V

Entr. Slit	(ENS)	178.0	
Exit Slit	(EXS)	145.0	
Sweep Mass	(MASS)	268.982	amu
Virt. Mass	(VMASS)	292.982	amu
Link Mass	(LMASS)	268.982	amu
Sweep Width	(SW)	0.020	%
Sweep Speed	(SS)	3.0	/s
U(a) Offset	(UOFS)	5.0	V
U(a)/U(esa)	(URATIO)	2.200	%
Multiplier	(EMULT)	1.60	kV
Dyn. Volt.	(DYNODE)	pos	
Ref. Inlet	(TREF)	150	C
Beam Rot.	(BQUAD)	0.0	V
Focus Quad	(FQUAD)	0.0	V

VG off VS1 off VS2 off VV off VS3 off

TUNE DESCRIPTOR tune2 RESTORE

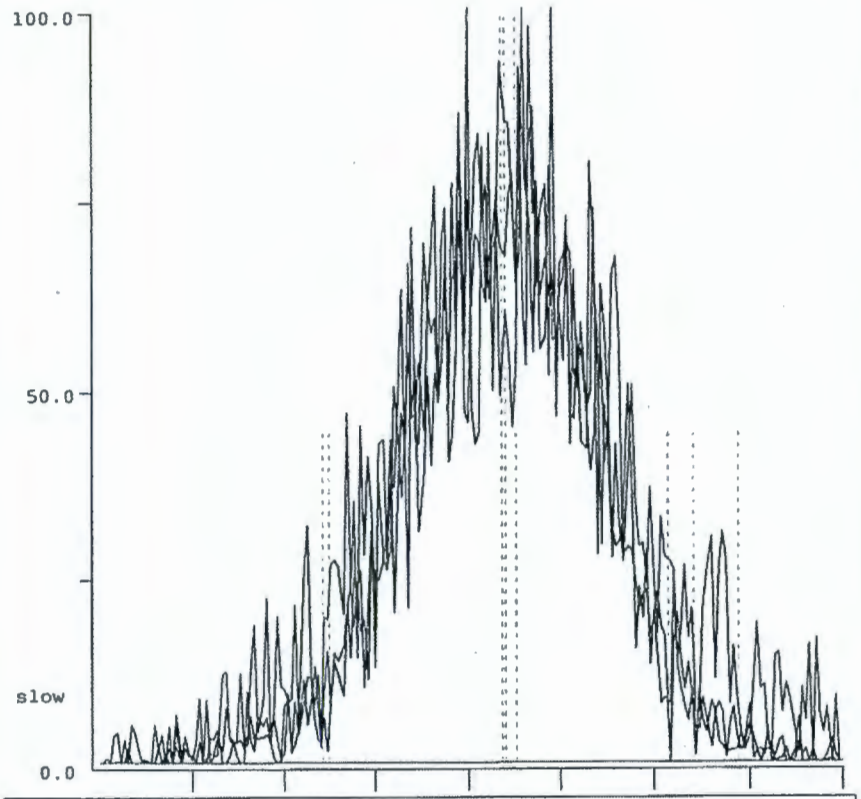
TUNE:

292.953 292.982 293.01

<> >< << >> ^ v C V LOCK UNLK

Peak Register Display

Copy result to ULIST



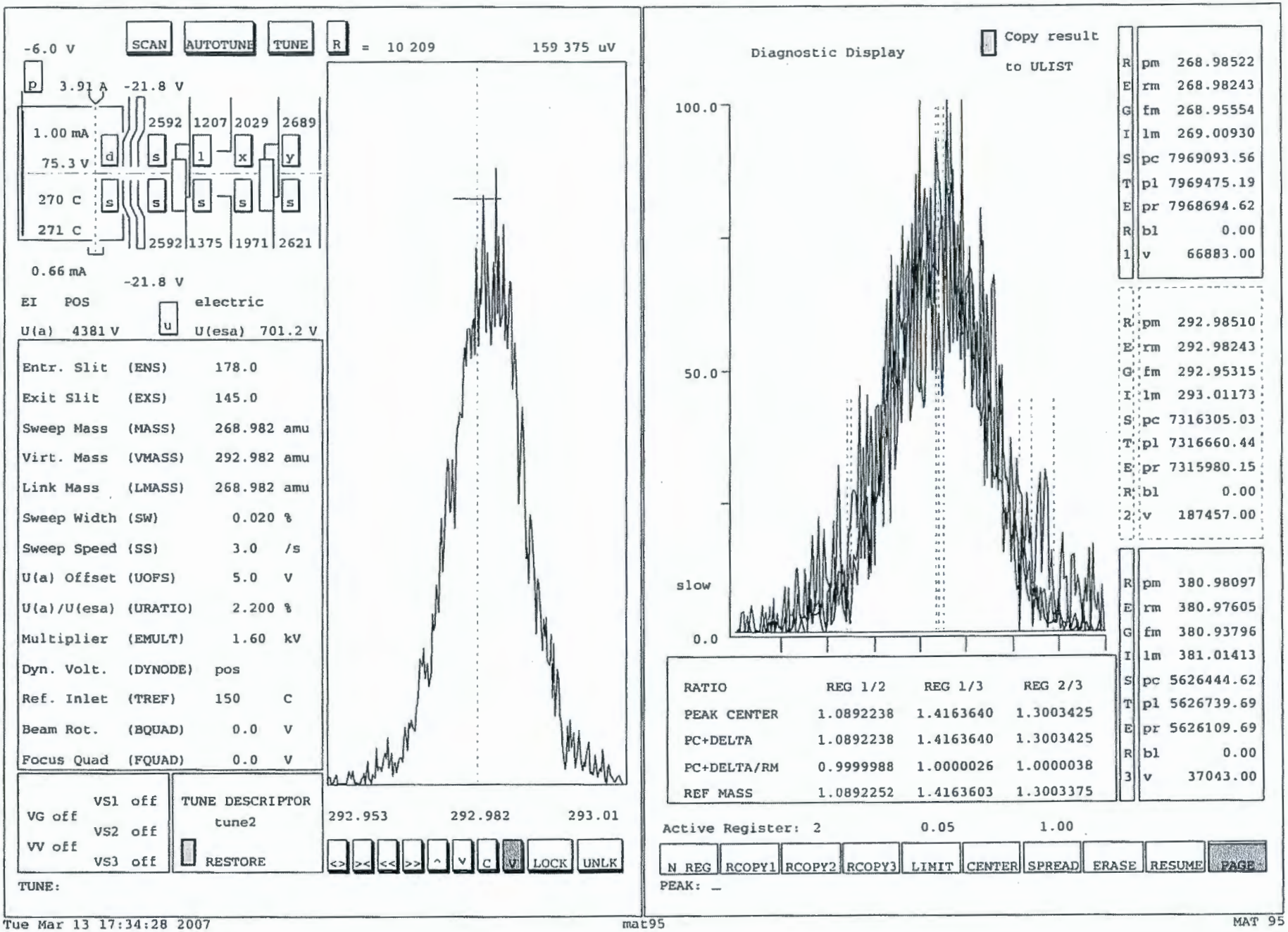
REG 1/2: 292.982067 REG 1/3: 380.977032 REG 2/3: 380.977508

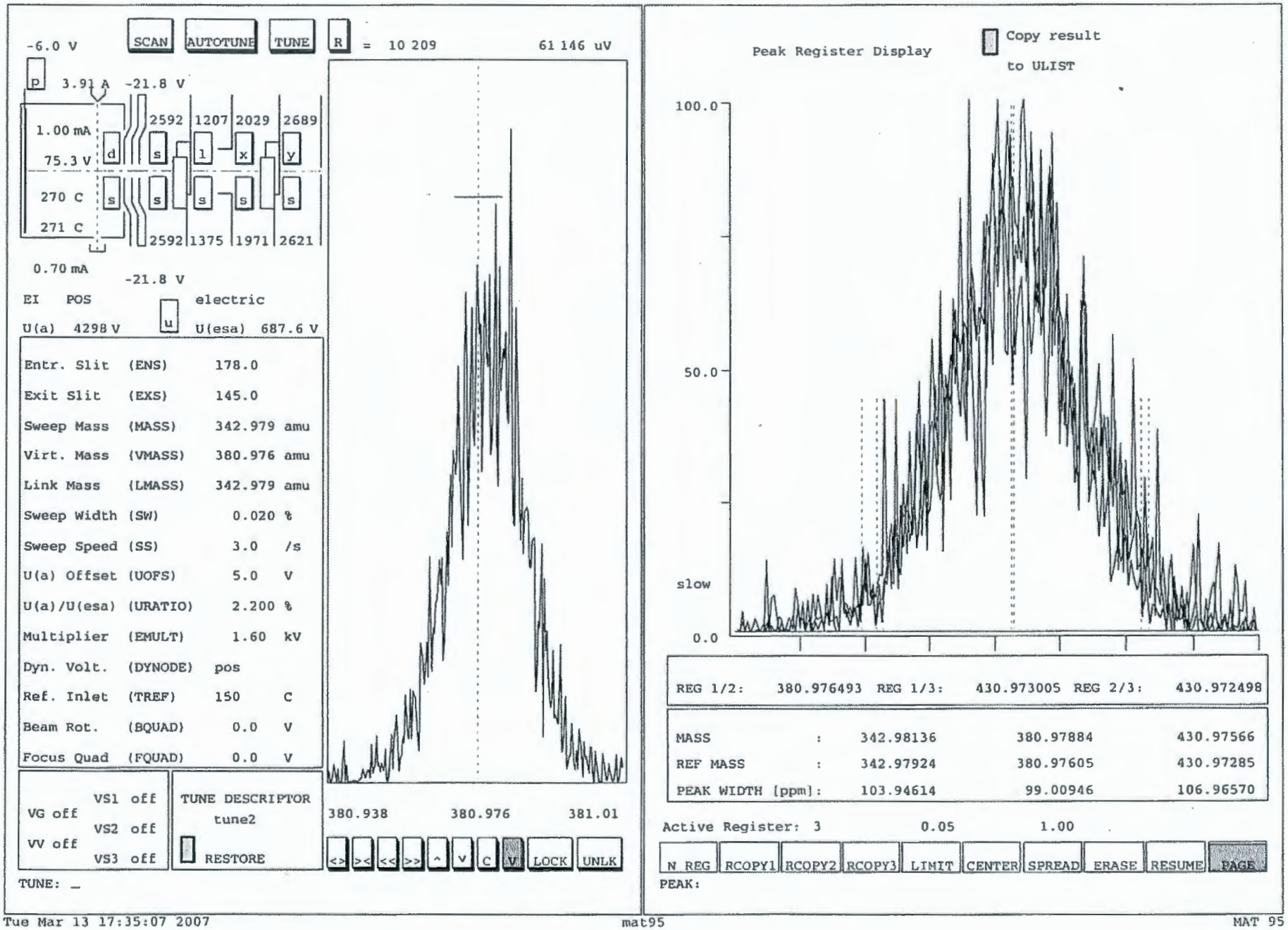
MASS	:	268.98522	292.98510	380.98097
REF MASS	:	268.98243	292.98243	380.97605
PEAK WIDTH [ppm]:		97.94966	92.98341	111.97124

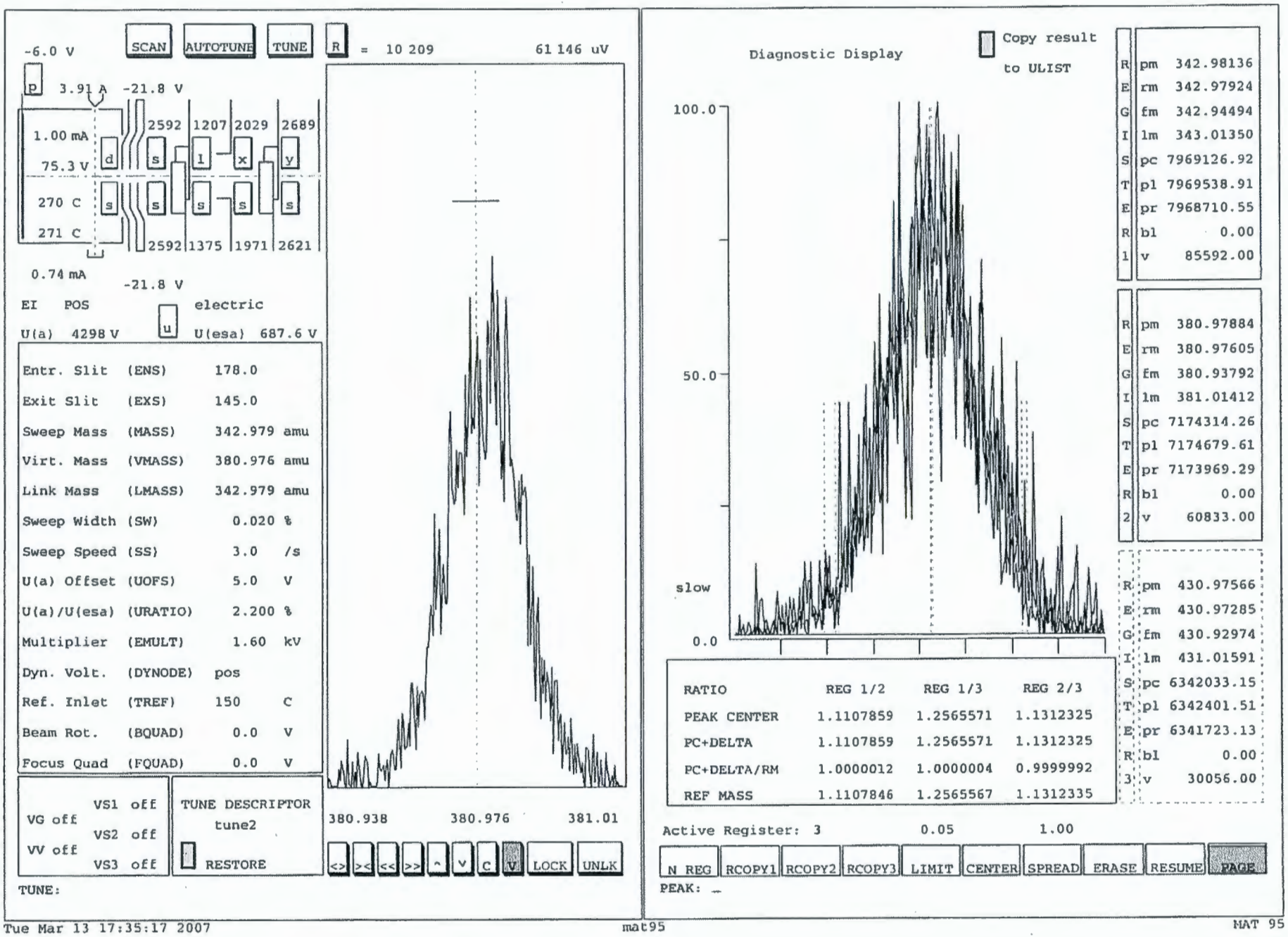
Active Register: 2 0.05 1.00

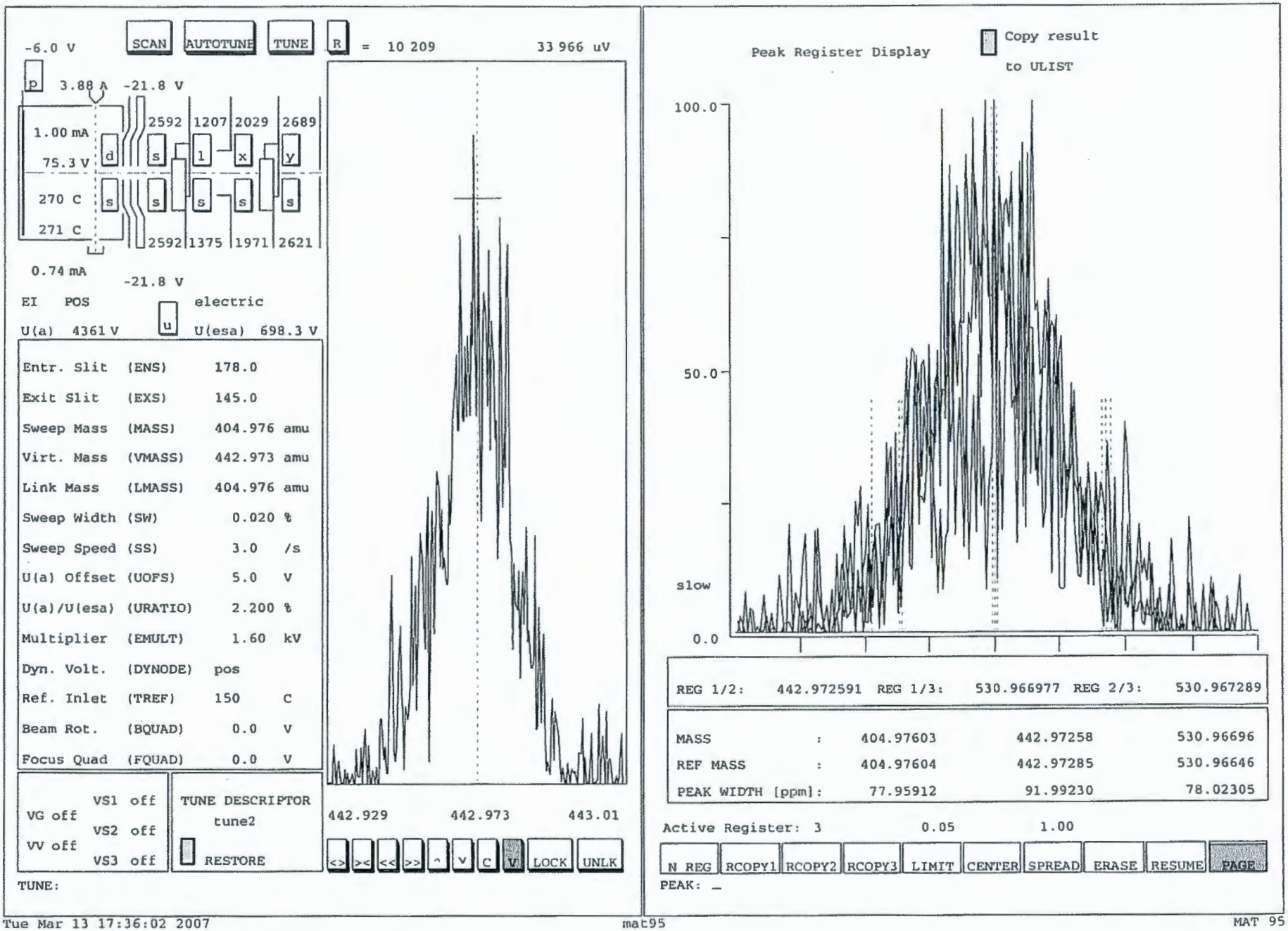
N REG RCOPY1 RCOPY2 RCOPY3 LIMIT CENTER SPREAD ERASE RESUME PAGE

PEAK: _


-6.0 V
SCAN
AUTOTUNE
TUNE
R
= 10 209
159 375 uV
p
3.91 A
-21.8 V
1.00 mA
75.3 V
270 C
271 C
2592 1207 2029 2689
2592 1375 1971 2621
0.66 mA
-21.8 V
EI POS
electric
U(a) 4381 V
U(esa) 701.2 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 268.982 amu
Virt. Mass (VMASS) 292.982 amu
Link Mass (LMASS) 268.982 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VV off
VS1 off
VS2 off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
TUNE:
292.953
292.982
293.01
LOCK
UNLK
Diagnostic Display
Copy result to ULIST
100.0
50.0
slow
0.0
RATIO REG 1/2 REG 1/3 REG 2/3
PEAK CENTER 1.0892238 1.4163640 1.3003425
PC+DELTA 1.0892238 1.4163640 1.3003425
PC+DELTA/RM 0.9999988 1.0000026 1.0000038
REF MASS 1.0892252 1.4163603 1.3003375
REGIST 1 pm 268.98522 rm 268.98243 fm 268.95554 lm 269.00930 pc 7969093.56 pl 7969475.19 pr 7968694.62 bl 0.00 v 66883.00
REGIST 2 pm 292.98510 rm 292.98243 fm 292.95315 lm 293.01173 pc 7316305.03 pl 7316660.44 pr 7315980.15 bl 0.00 v 187457.00
REGIST 3 pm 380.98097 rm 380.97605 fm 380.93796 lm 381.01413 pc 5626444.62 pl 5626739.69 pr 5626109.69 bl 0.00 v 37043.00
Active Register: 2
0.05
1.00
N REG
RCOPY1
RCOPY2
RCOPY3
LIMIT
CENTER
SPREAD
ERASE
RESUME
PAGE
PEAK: _
Tue Mar 13 17:34:28 2007
mat95
MAT 95

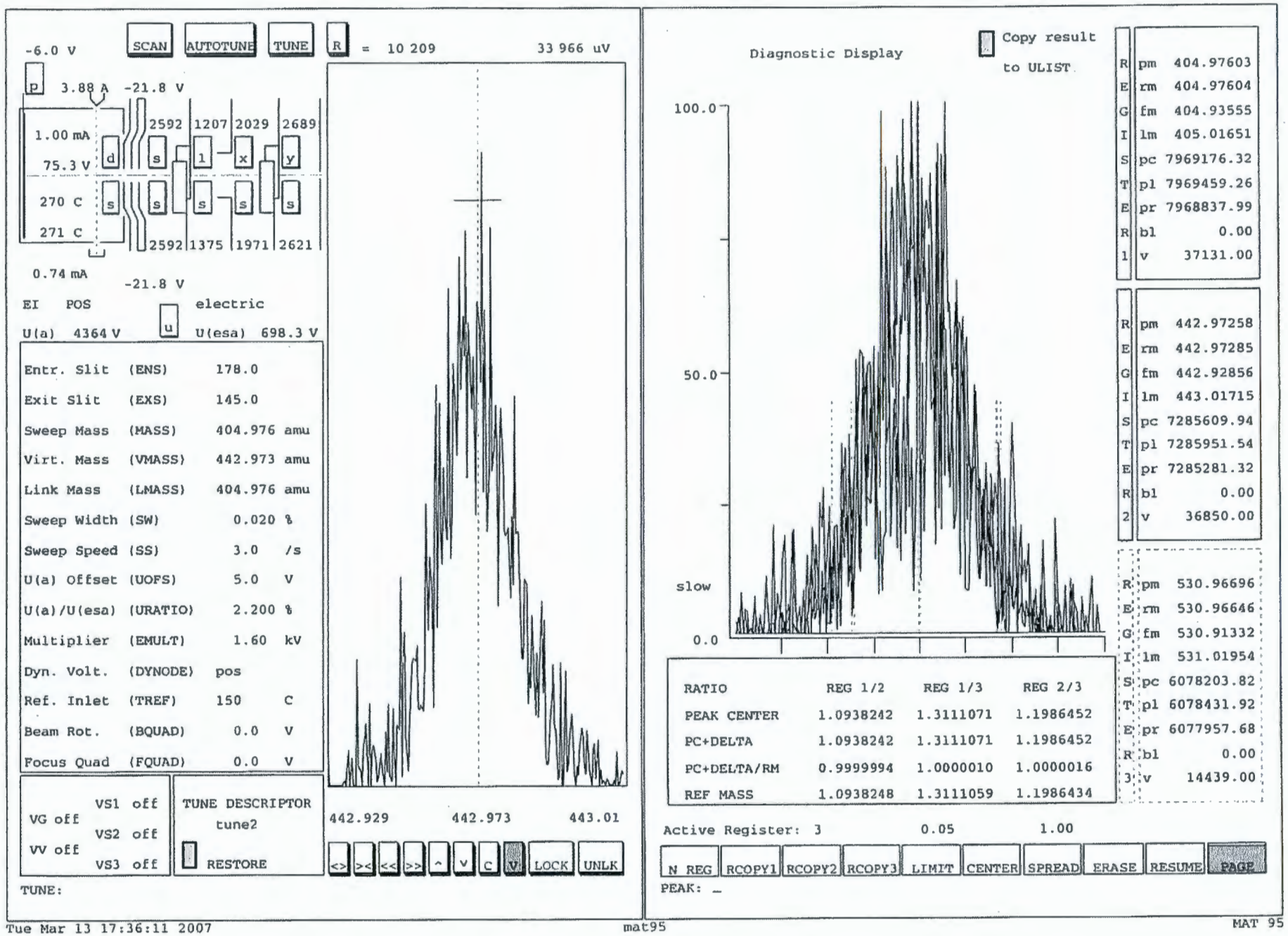

-6.0 V
SCAN
AUTOTUNE
TUNE
R
= 10 209
61 146 uV
p
3.91 A
-21.8 V
1.00 mA
75.3 V
270 C
271 C
2592 1207 2029 2689
2592 1375 1971 2621
0.70 mA
-21.8 V
EI POS
electric
U(a) 4298 V
U(esa) 687.6 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 342.979 amu
Virt. Mass (VMASS) 380.976 amu
Link Mass (LMASS) 342.979 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VV off
VS1 off
VS2 off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
380.938
380.976
381.01
LOCK
UNLK
TUNE: _
Peak Register Display
Copy result
to ULIST
100.0
50.0
slow
0.0
REG 1/2: 380.976493 REG 1/3: 430.973005 REG 2/3: 430.972498
MASS : 342.98136 380.97884 430.97566
REF MASS : 342.97924 380.97605 430.97285
PEAK WIDTH [ppm]: 103.94614 99.00946 106.96570
Active Register: 3 0.05 1.00
N REG
RCOPY1
RCOPY2
RCOPY3
LIMIT
CENTER
SPREAD
ERASE
RESUME
PAGE
PEAK:
Tue Mar 13 17:35:07 2007
mat95
MAT 95


SCAN
AUTOTUNE
TUNE
R = 10 209
61 146 uV
-6.0 V
p
3.91 A
-21.8 V
1.00 mA
75.3 V
270 C
271 C
2592 1207 2029 2689
2592 1375 1971 2621
0.74 mA
-21.8 V
EI POS
u
electric
U(a) 4298 V
U(esa) 687.6 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 342.979 amu
Virt. Mass (VMASS) 380.976 amu
Link Mass (LMASS) 342.979 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VS1 off
VS2 off
VV off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
380.938 380.976 381.01
<> >< << >> ^ v C V LOCK UNLK
TUNE:
Diagnostic Display
Copy result to ULIST
100.0
50.0
slow
0.0
R1 pm 342.98136
rm 342.97924
fm 342.94494
lm 343.01350
pc 7969126.92
pl 7969538.91
pr 7968710.55
bl 0.00
v 85592.00
R2 pm 380.97884
rm 380.97605
fm 380.93792
lm 381.01412
pc 7174314.26
pl 7174679.61
pr 7173969.29
bl 0.00
v 60833.00
R3 pm 430.97566
rm 430.97285
fm 430.92974
lm 431.01591
pc 6342033.15
pl 6342401.51
pr 6341723.13
bl 0.00
v 30056.00
RATIO REG 1/2 REG 1/3 REG 2/3
PEAK CENTER 1.1107859 1.2565571 1.1312325
PC+DELTA 1.1107859 1.2565571 1.1312325
PC+DELTA/RM 1.0000012 1.0000004 0.9999992
REF MASS 1.1107846 1.2565567 1.1312335
Active Register: 3 0.05 1.00
N REG RCOPY1 RCOPY2 RCOPY3 LIMIT CENTER SPREAD ERASE RESUME PAGE
PEAK:
Tue Mar 13 17:35:17 2007
mat95
MAT 95



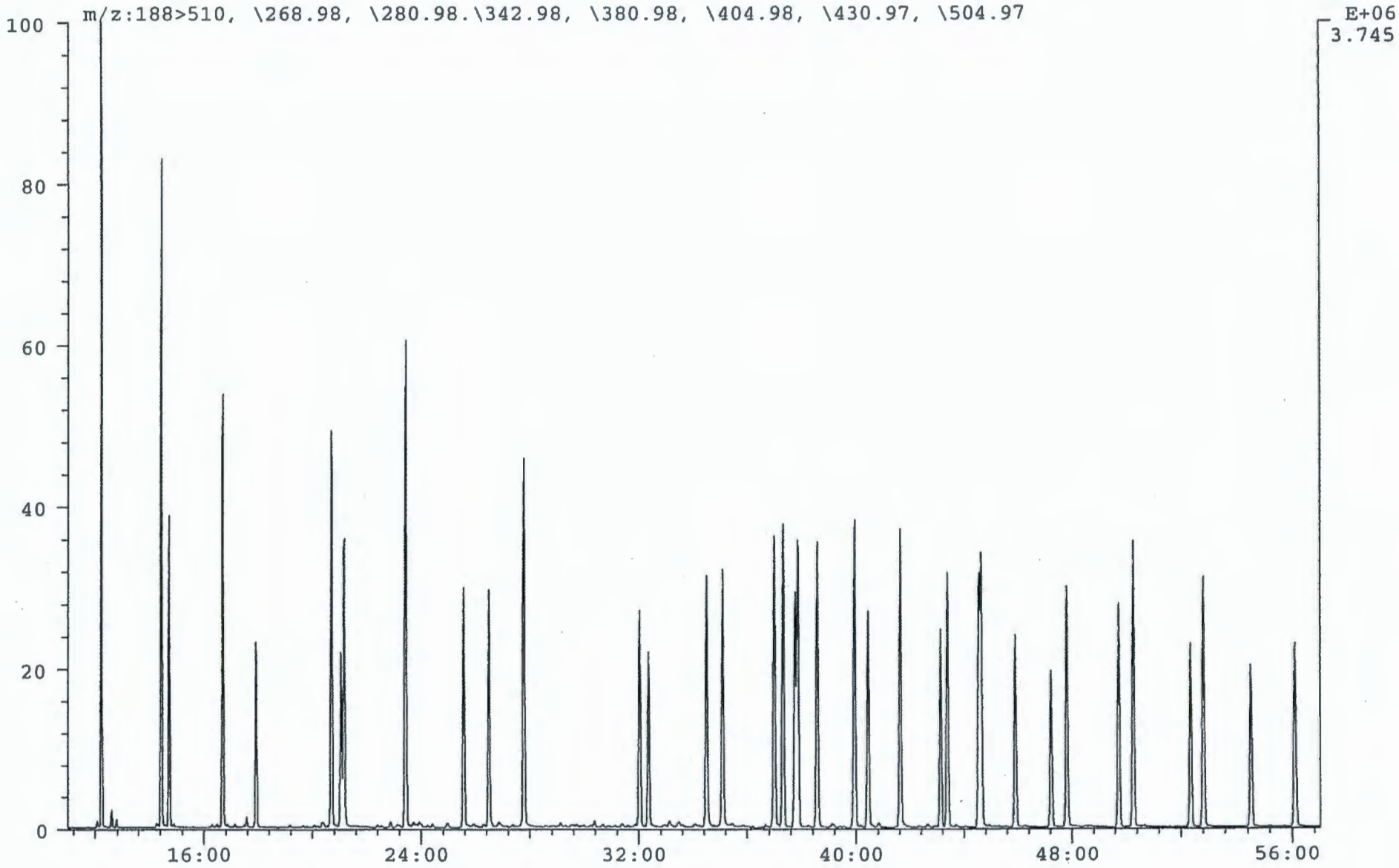
Tue Mar 13 17:36:02 2007 mat95 MAT 95

1052


-6.0 V
SCAN
AUTOTUNE
TUNE
R
= 10 209
33 966 uV
p
3.88 A
-21.8 V
1.00 mA
75.3 V
2592
1207
2029
2689
d
s
l
x
y
270 C
271 C
2592
1375
1971
2621
0.74 mA
-21.8 V
EI POS
electric
U(a) 4364 V
u
U(esa) 698.3 V
Entr. Slit (ENS) 178.0
Exit Slit (EXS) 145.0
Sweep Mass (MASS) 404.976 amu
Virt. Mass (VMASS) 442.973 amu
Link Mass (LMASS) 404.976 amu
Sweep Width (SW) 0.020 %
Sweep Speed (SS) 3.0 /s
U(a) Offset (UOFS) 5.0 V
U(a)/U(esa) (URATIO) 2.200 %
Multiplier (EMULT) 1.60 kV
Dyn. Volt. (DYNODE) pos
Ref. Inlet (TREF) 150 C
Beam Rot. (BQUAD) 0.0 V
Focus Quad (FQUAD) 0.0 V
VG off
VS1 off
VS2 off
VV off
VS3 off
TUNE DESCRIPTOR
tune2
RESTORE
442.929
442.973
443.01
<>
><
<<
>>
^
v
C
V
LOCK
UNLK
TUNE:
Diagnostic Display
Copy result to ULIST
100.0
50.0
slow
0.0
REGISTER 1
pm 404.97603
rm 404.97604
fm 404.93555
lm 405.01651
pc 7969176.32
pl 7969459.26
pr 7968837.99
bl 0.00
v 37131.00
REGISTER 2
pm 442.97258
rm 442.97285
fm 442.92856
lm 443.01715
pc 7285609.94
pl 7285951.54
pr 7285281.32
bl 0.00
v 36850.00
REGISTER 3
pm 530.96696
rm 530.96646
fm 530.91332
lm 531.01954
pc 6078203.82
pl 6078431.92
pr 6077957.68
bl 0.00
v 14439.00
RATIO REG 1/2 REG 1/3 REG 2/3
PEAK CENTER 1.0938242 1.3111071 1.1986452
PC+DELTA 1.0938242 1.3111071 1.1986452
PC+DELTA/RM 0.9999994 1.0000010 1.0000016
REF MASS 1.0938248 1.3111059 1.1986434
Active Register: 3 0.05 1.00
N REG
RCOPY1
RCOPY2
RCOPY3
LIMIT
CENTER
SPREAD
ERASE
RESUME
PAGE
PEAK: _
Tue Mar 13 17:36:11 2007
mat95
MAT 95

CHRO: a070313i6 13-Mar-07 Elapse: 56:13 2555
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
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

Int DCG 3-14-07
Calc BPW 3/15/07
QC DCS 3/15/07



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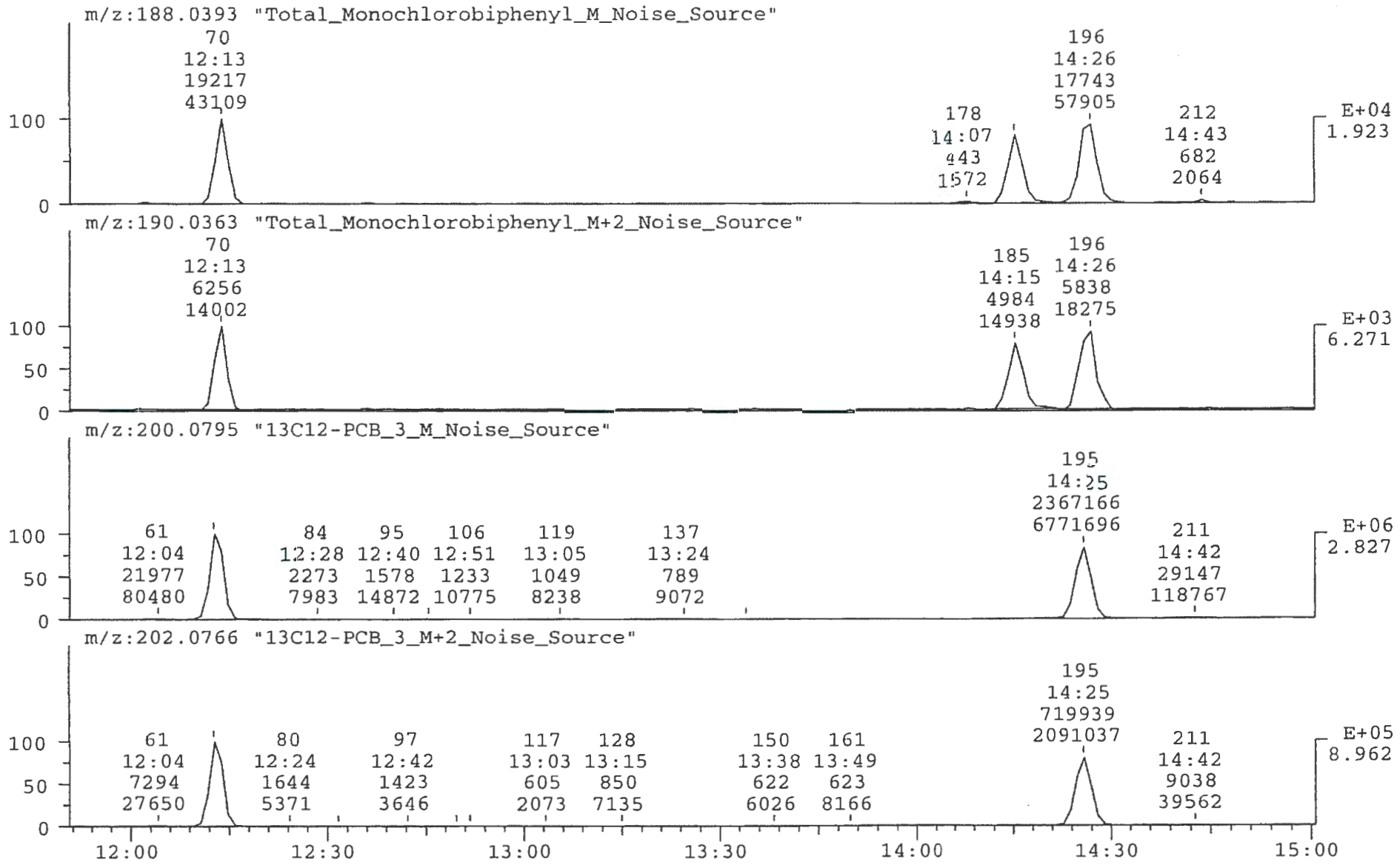
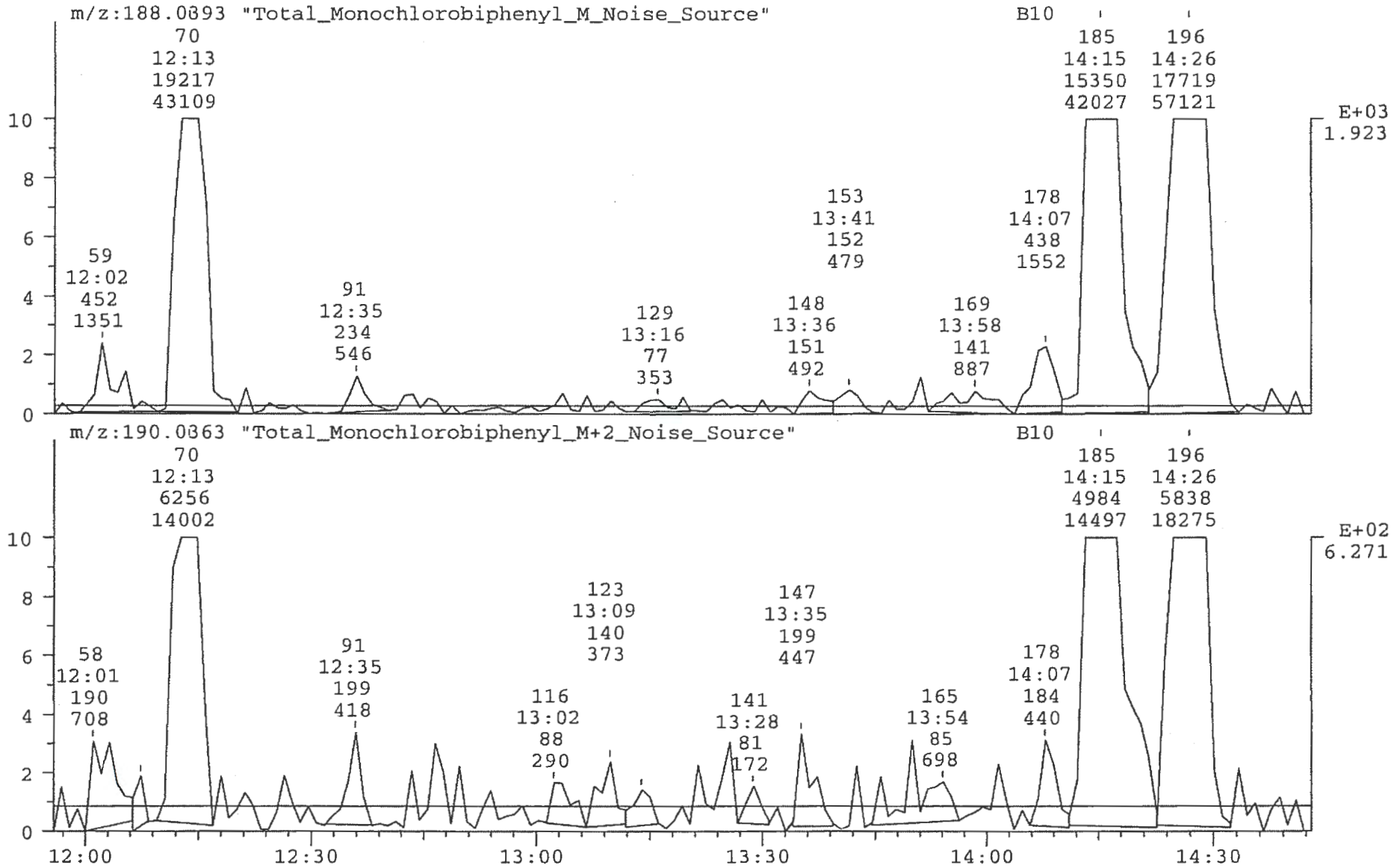
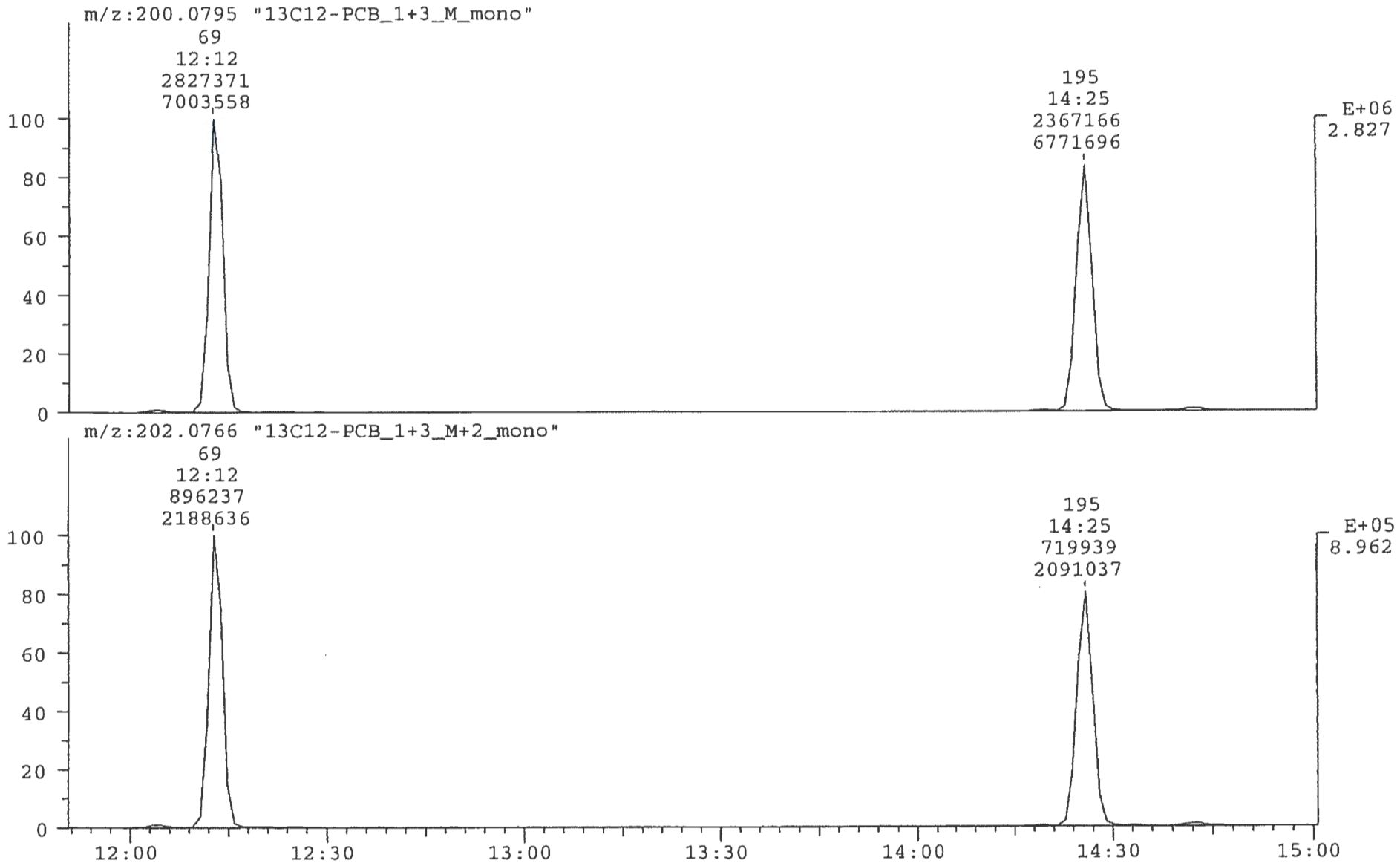
CHRO:  a070313i6                                13-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
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
```



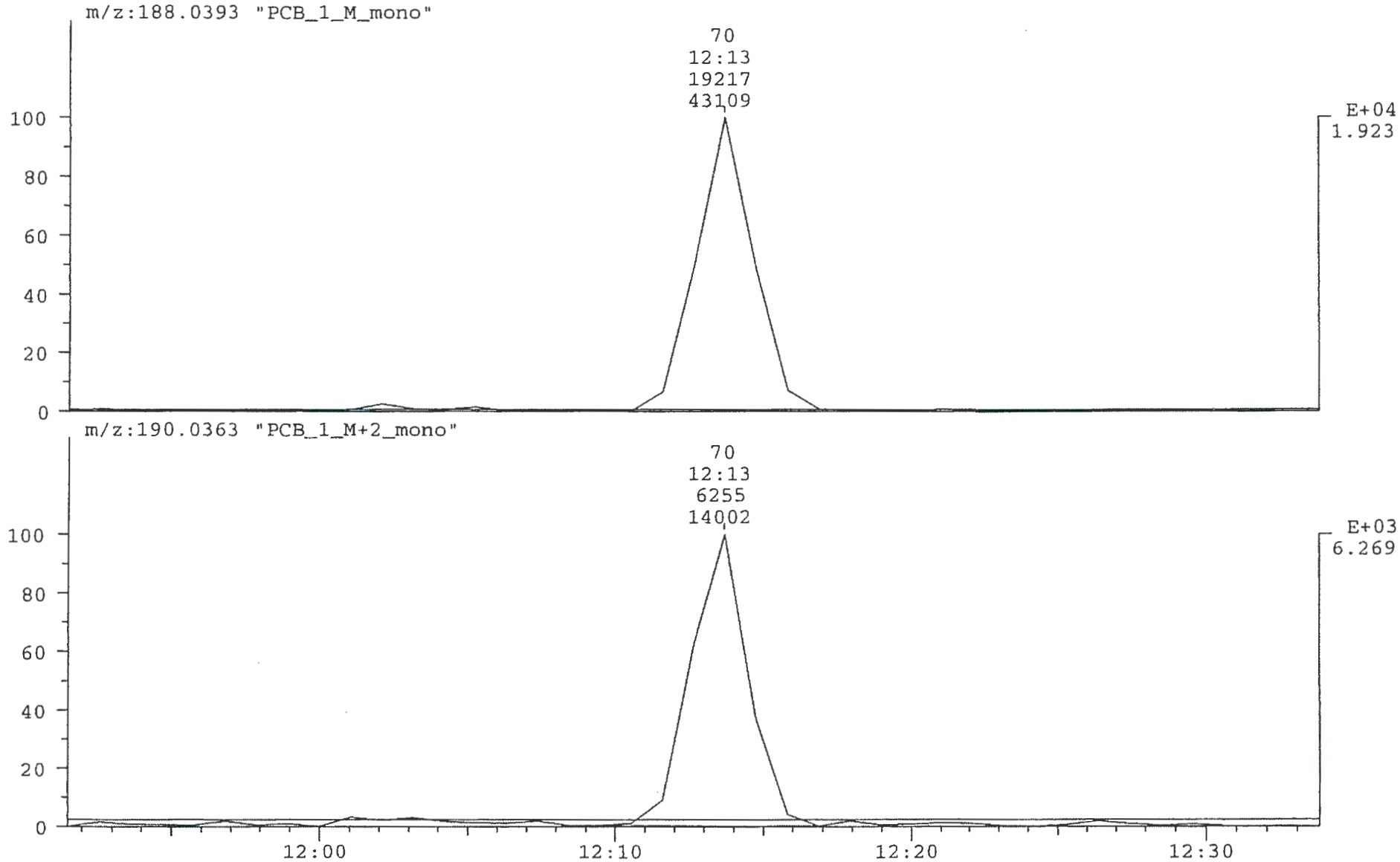
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 53 > 211 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 1.0
Disp: Height Area



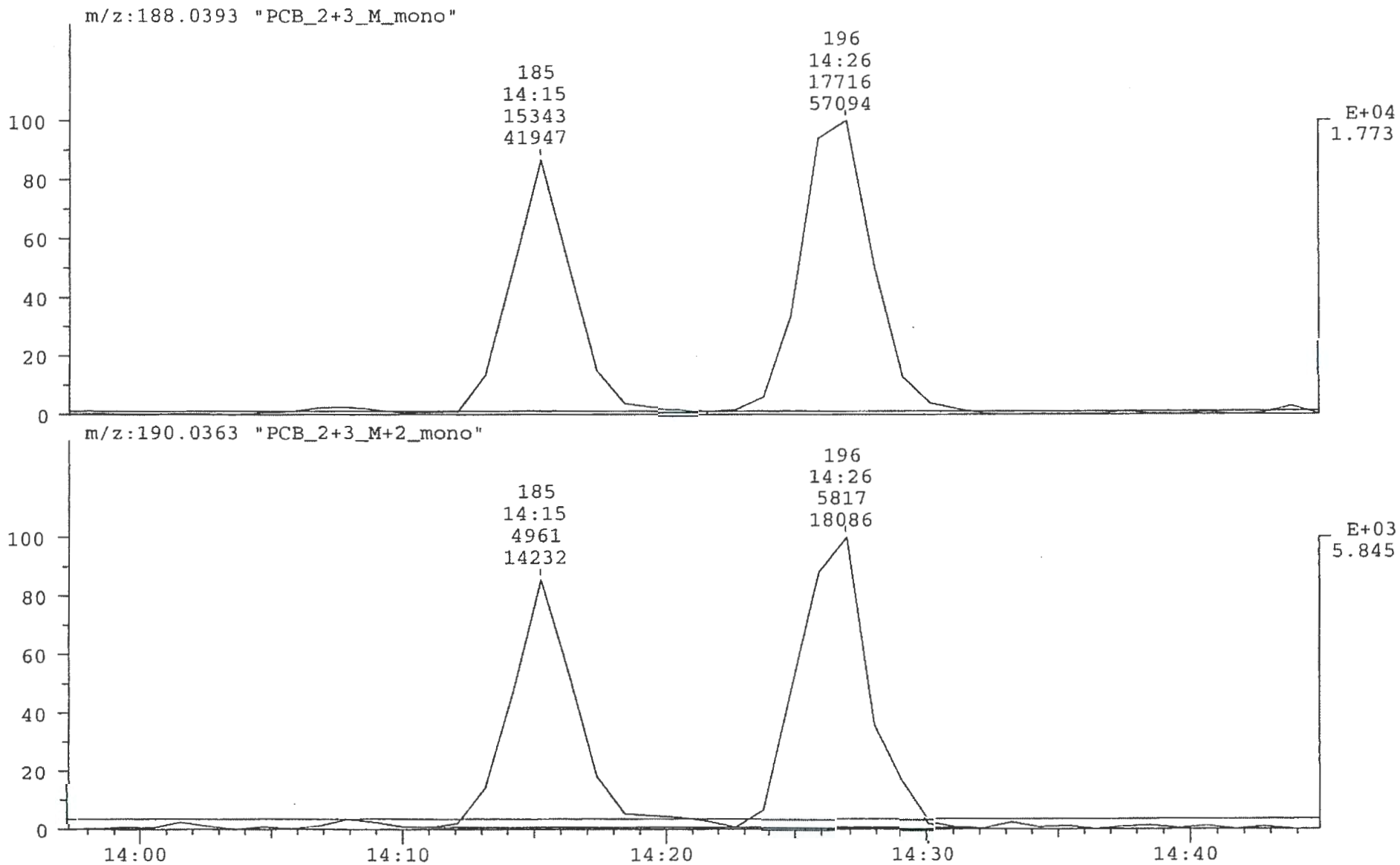
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
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
```



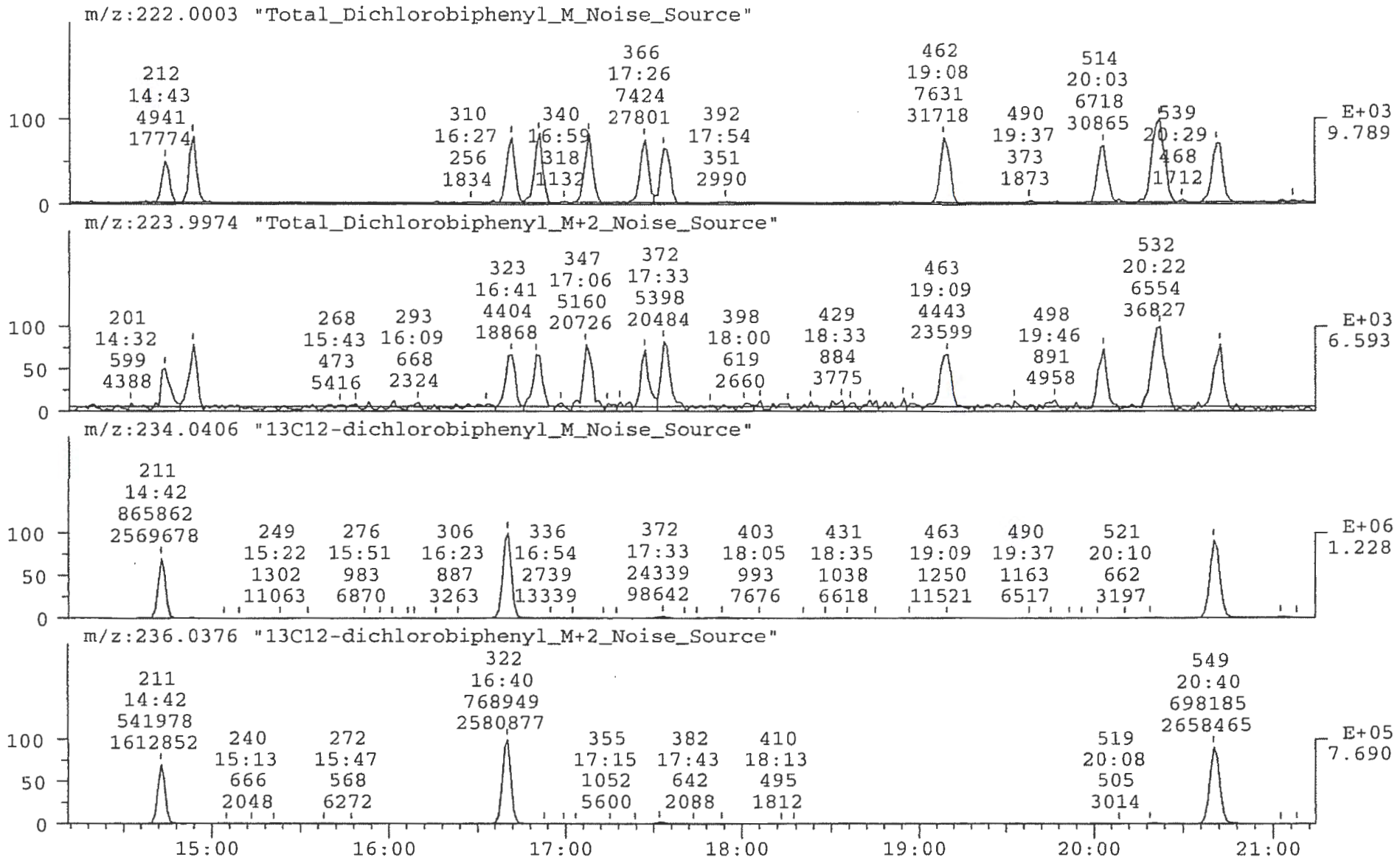
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  12:12.6      69
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



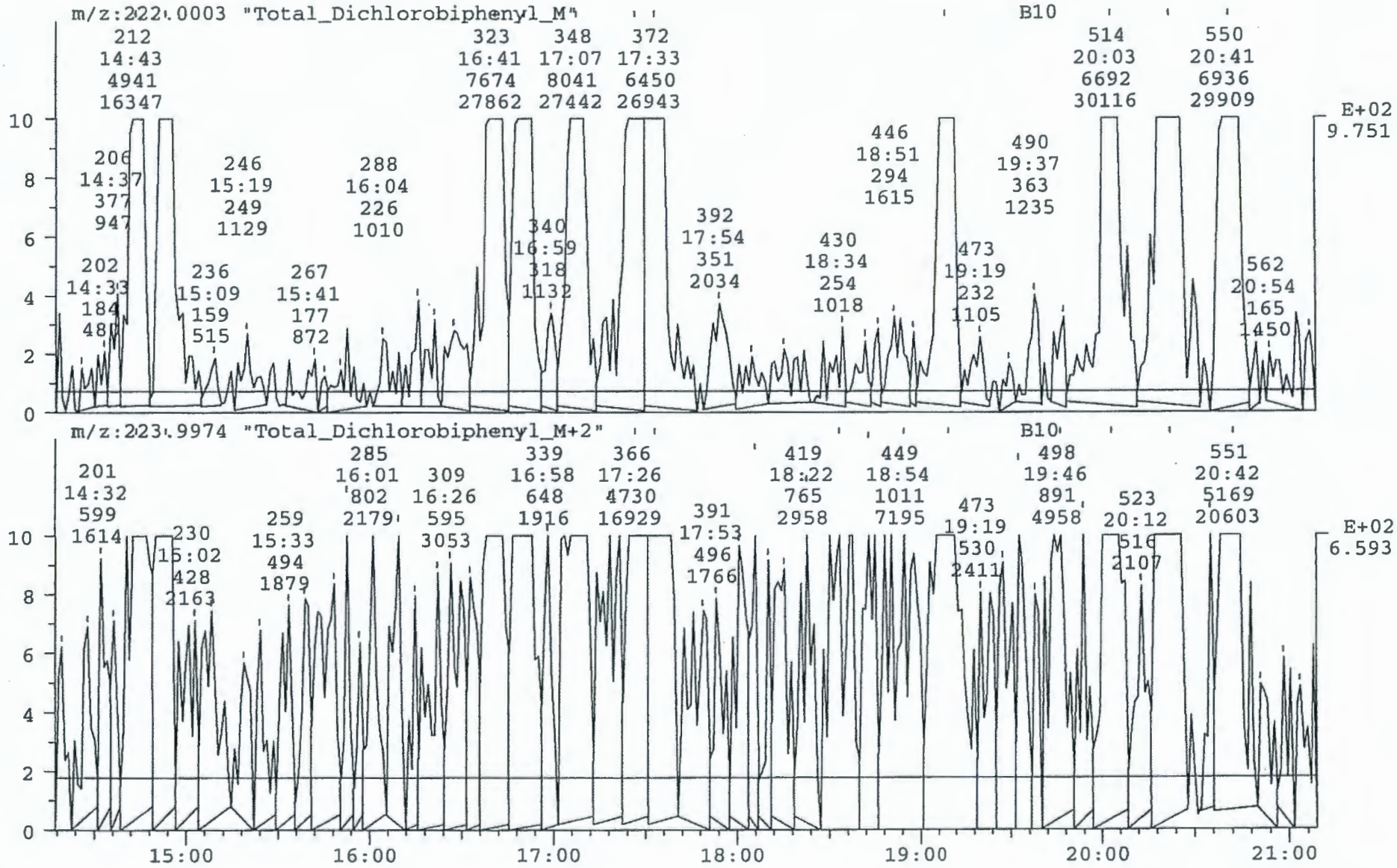
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  14:23.7      193
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   3
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
```



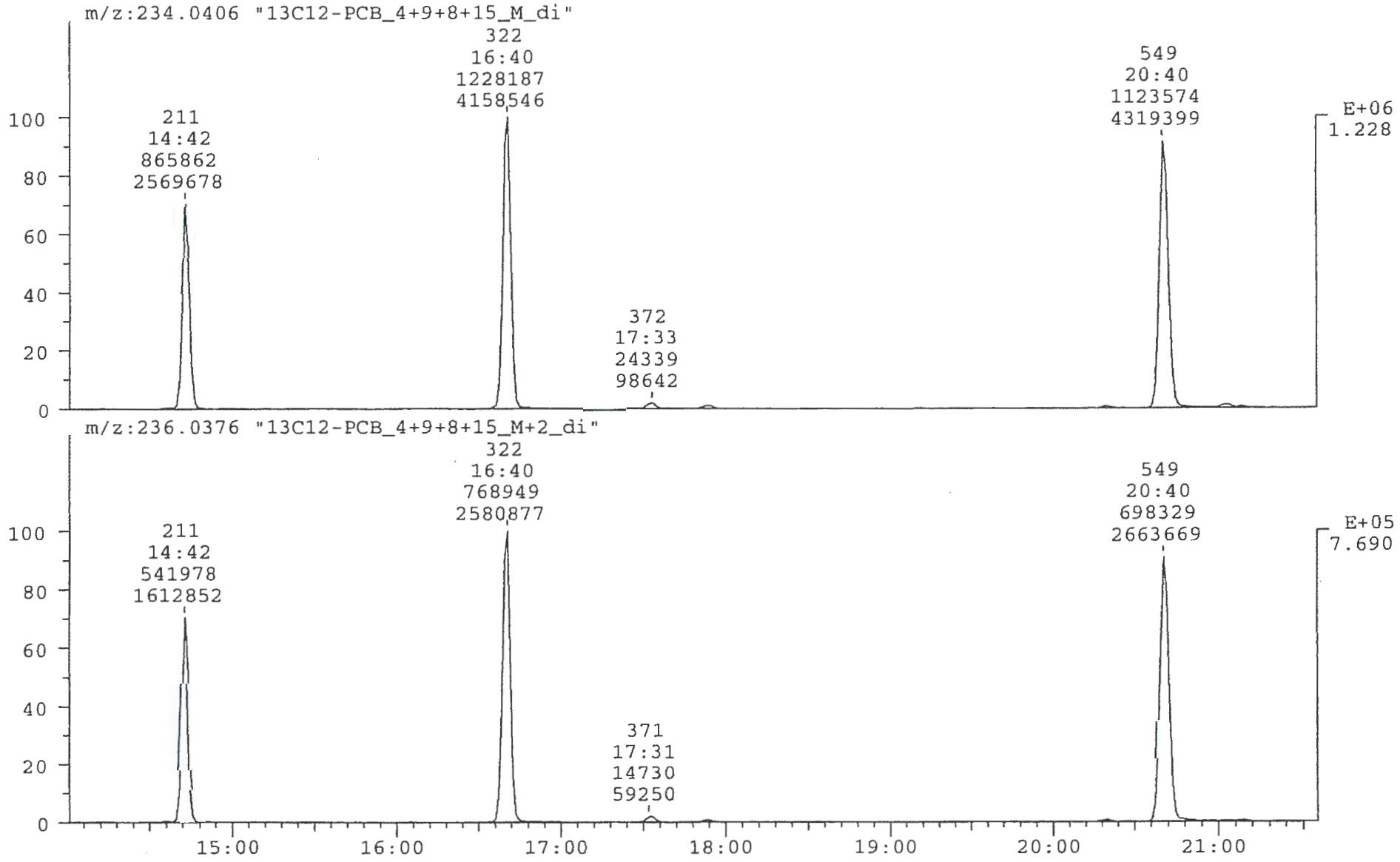
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  17:42.5      381
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   181 > 581             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



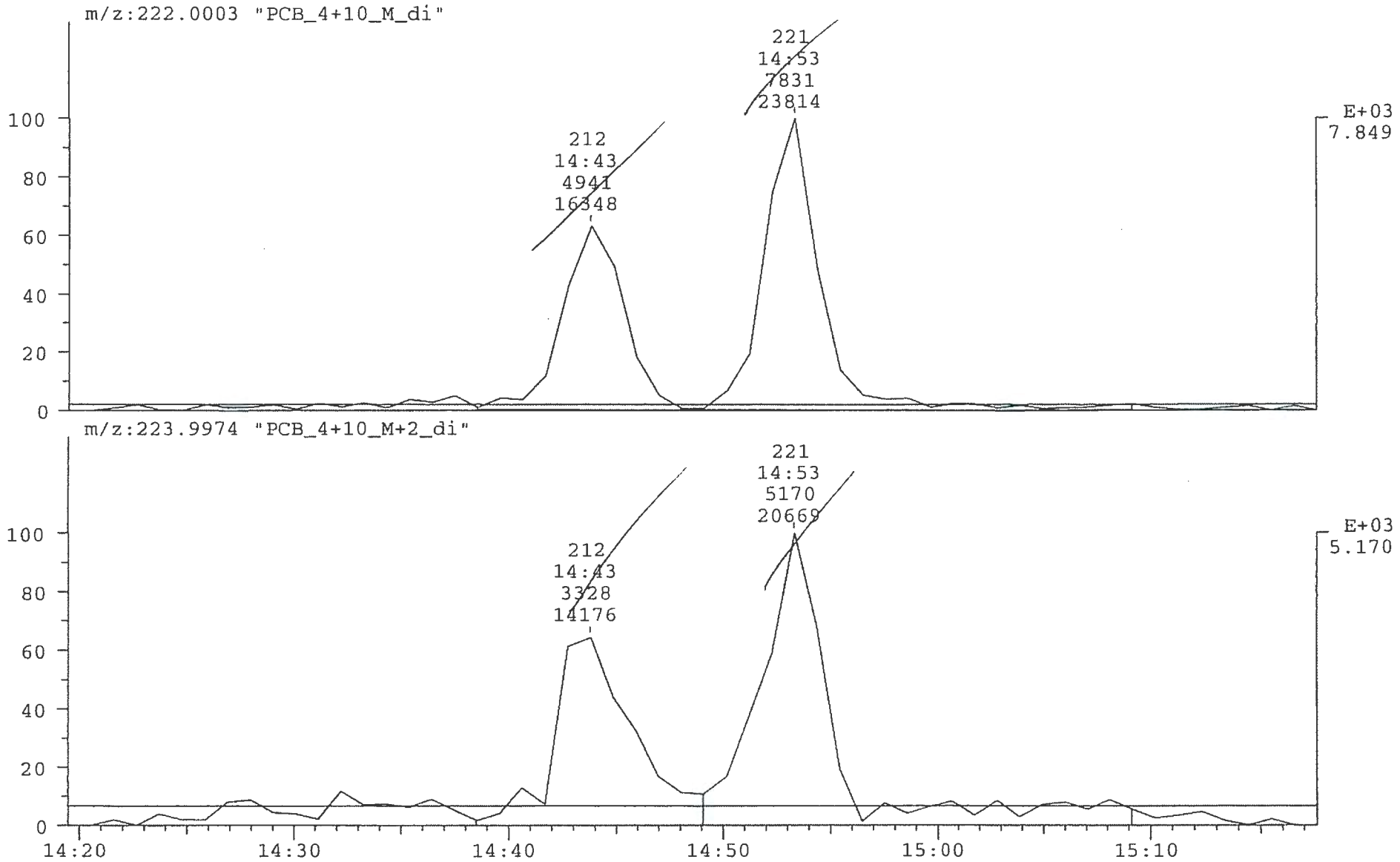
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   187 > 576            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 1.0
Disp:  Height  Area
```



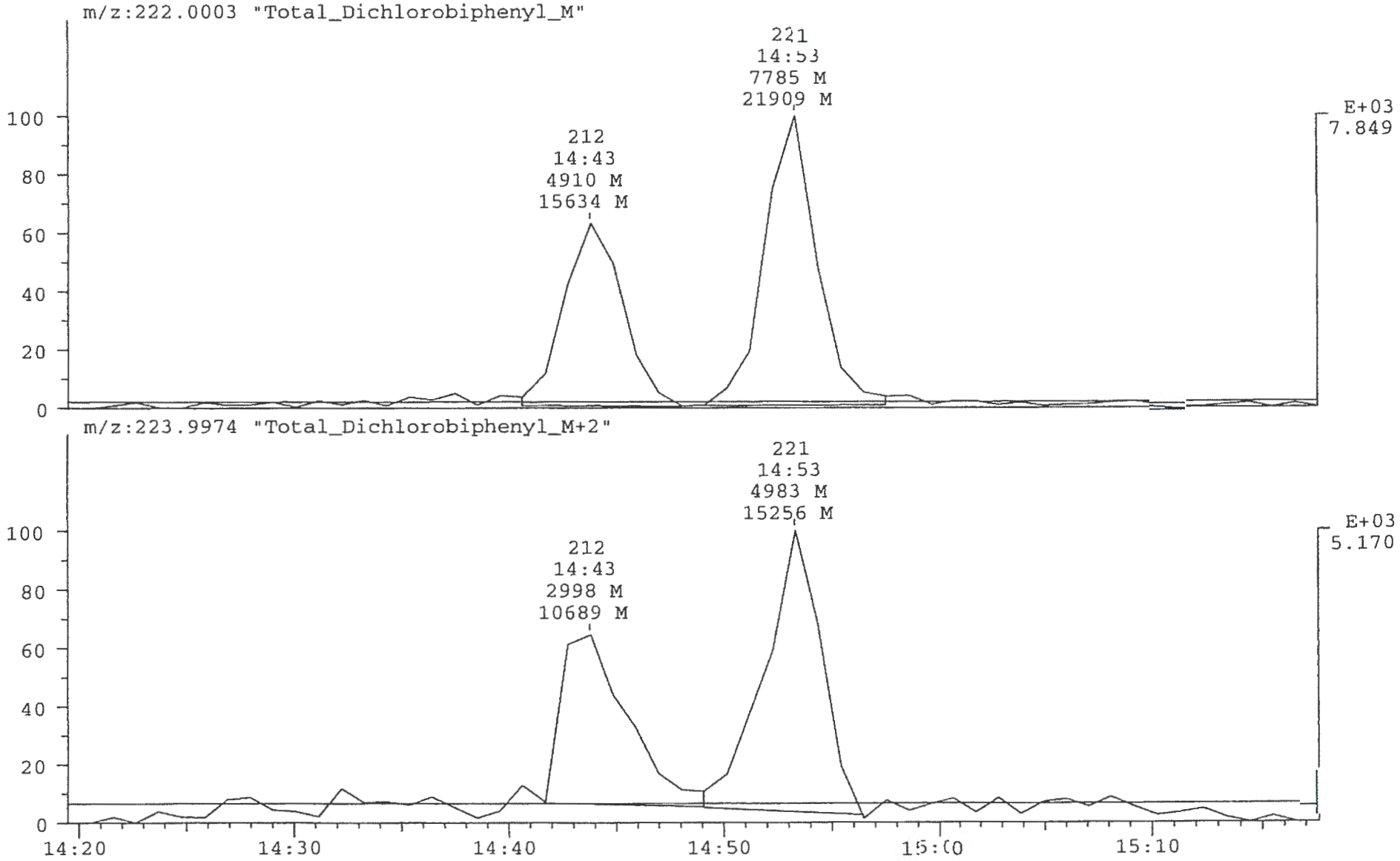
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  17:42.5      381
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   171 > 601            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



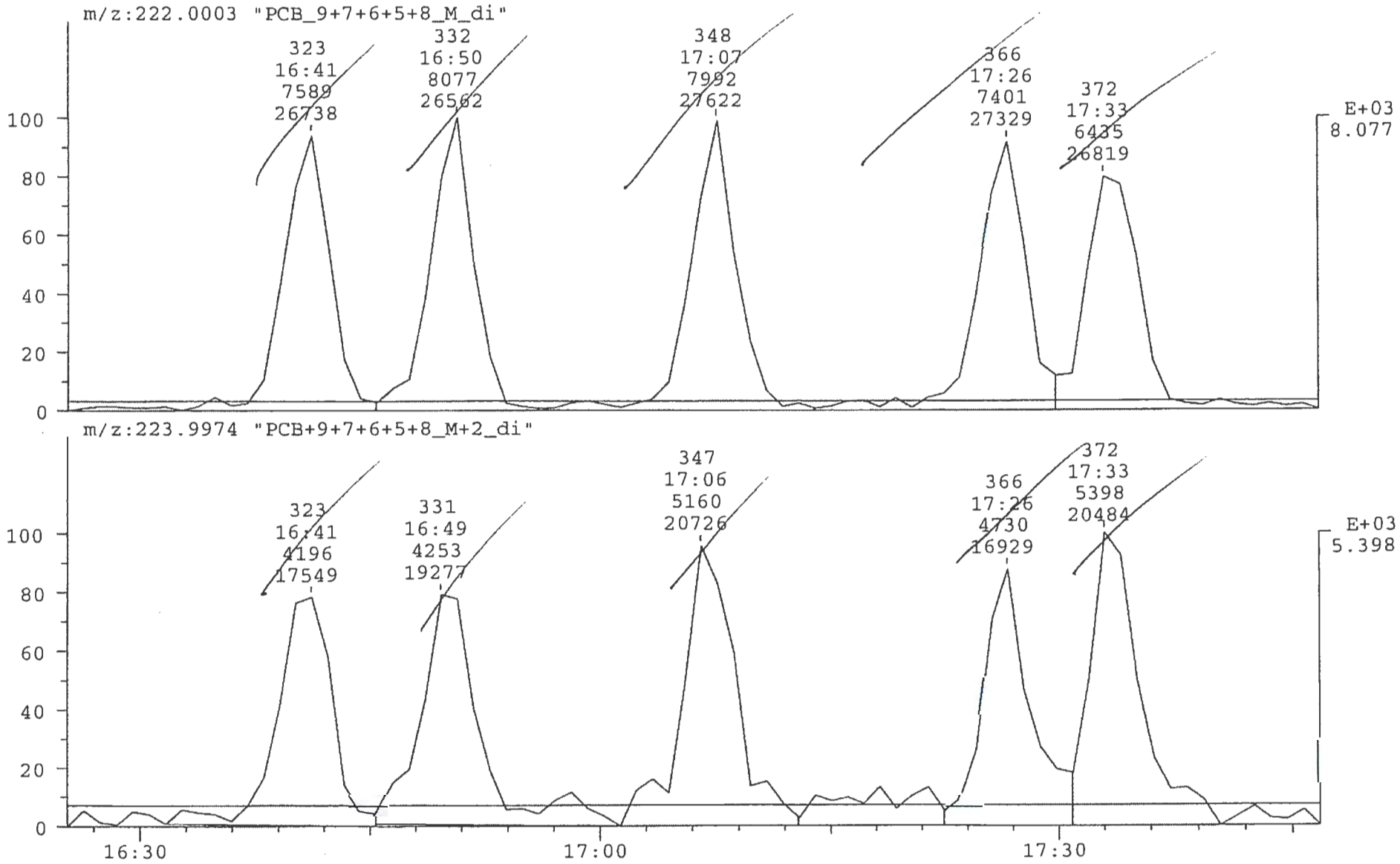
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  14:51.2      219
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



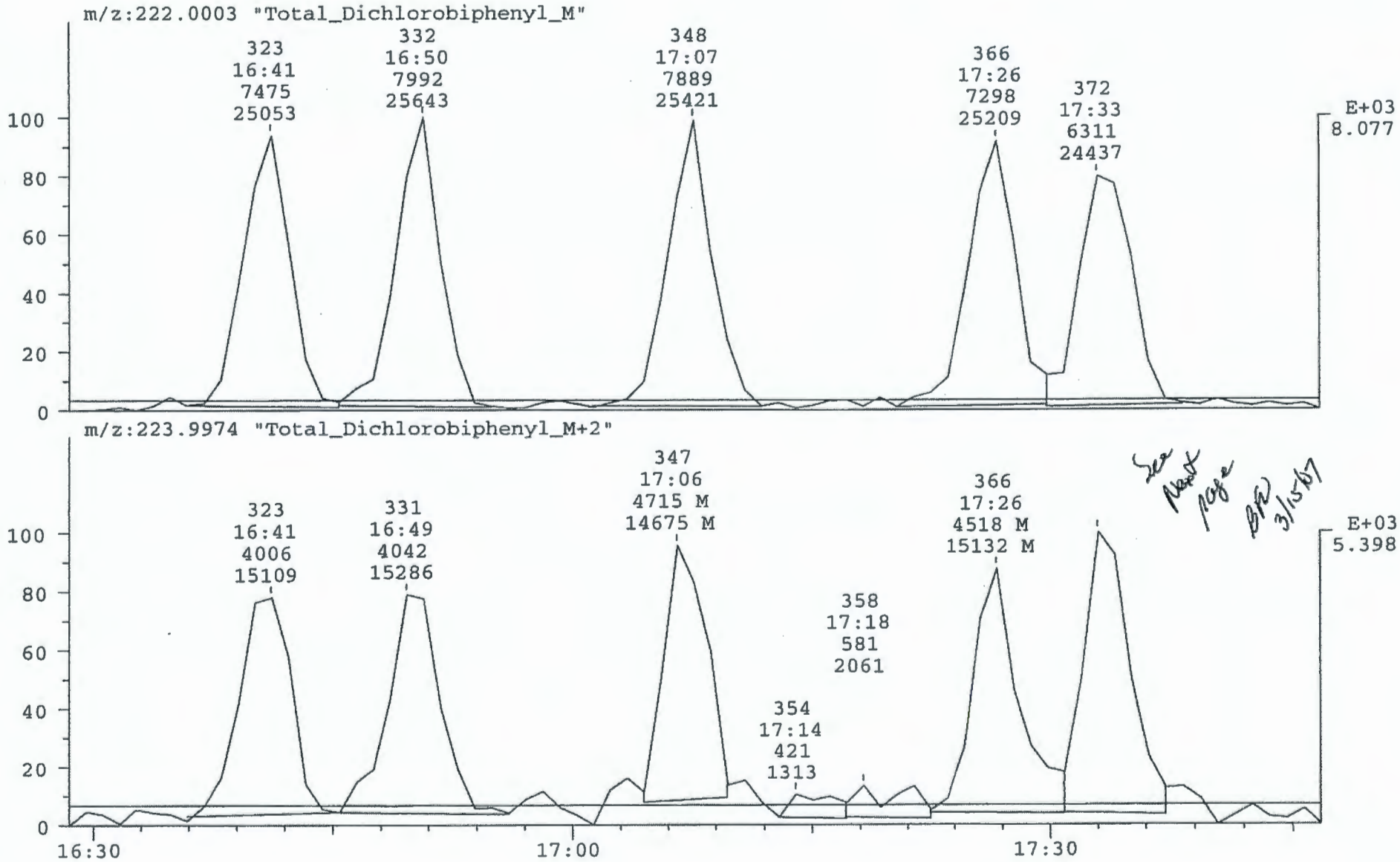
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 189 > 244 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i6 13-Mar-07 Elapse: 17:09.7 350
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
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

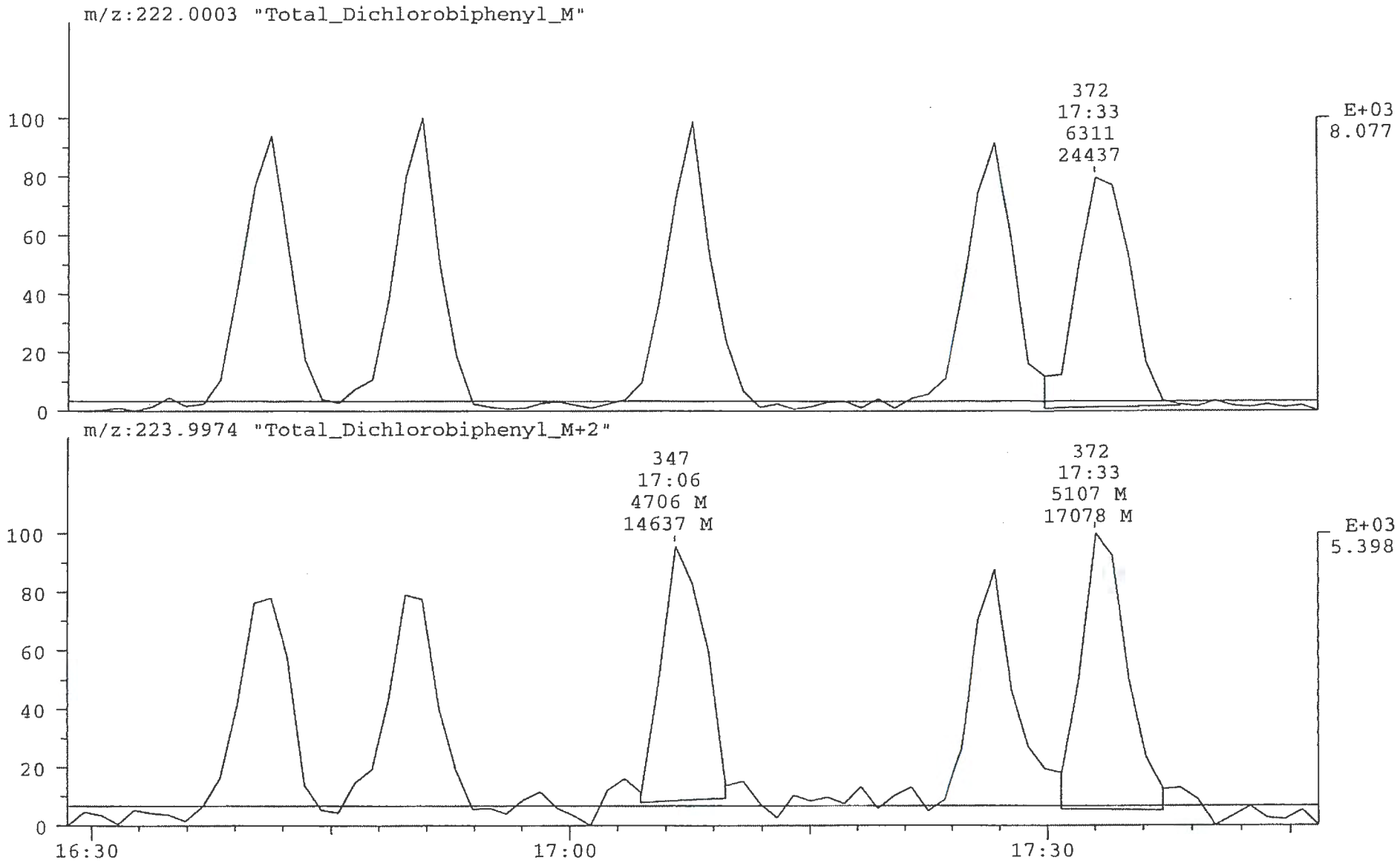


CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 311 > 385 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

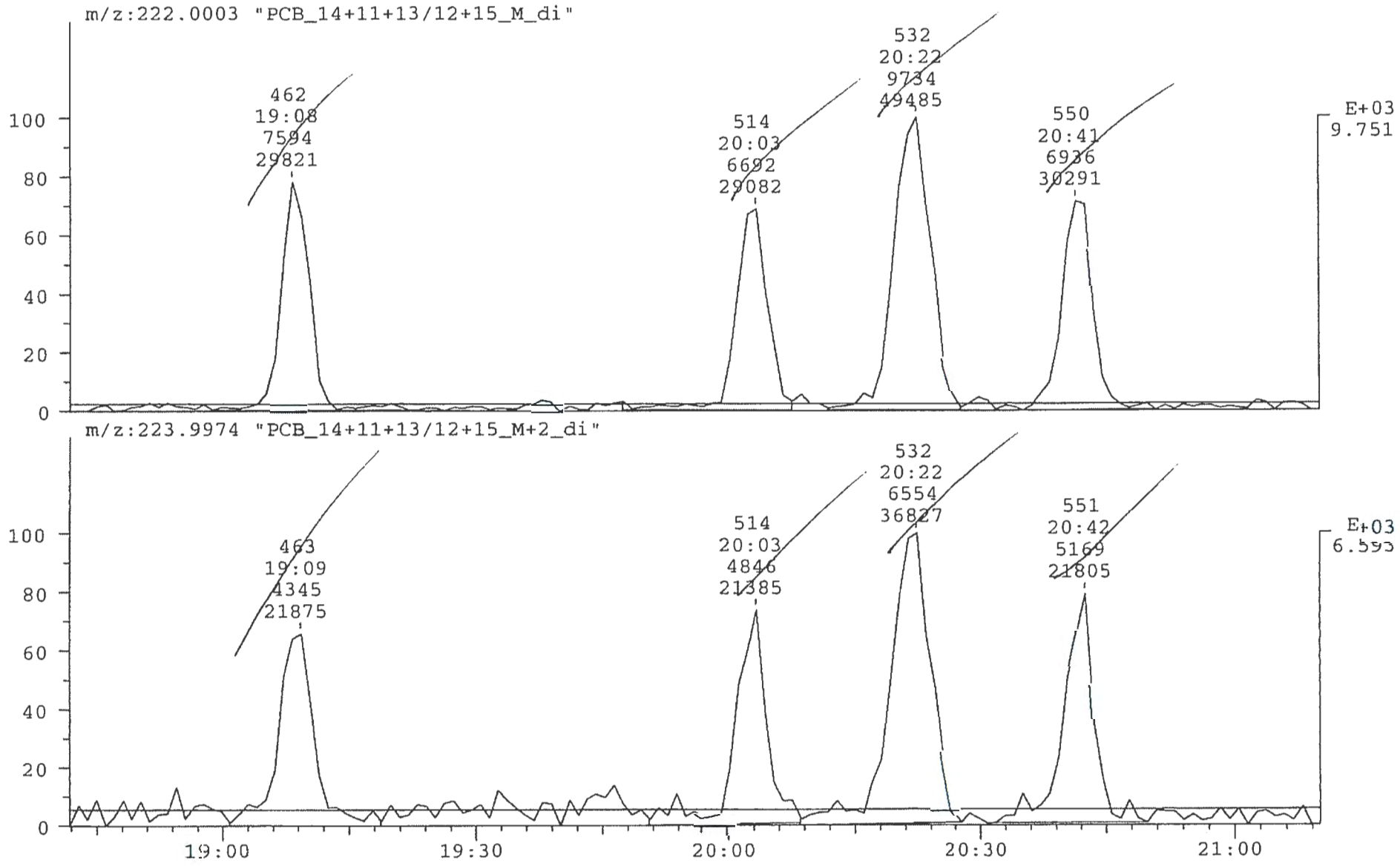


See next page BR 3/15/07

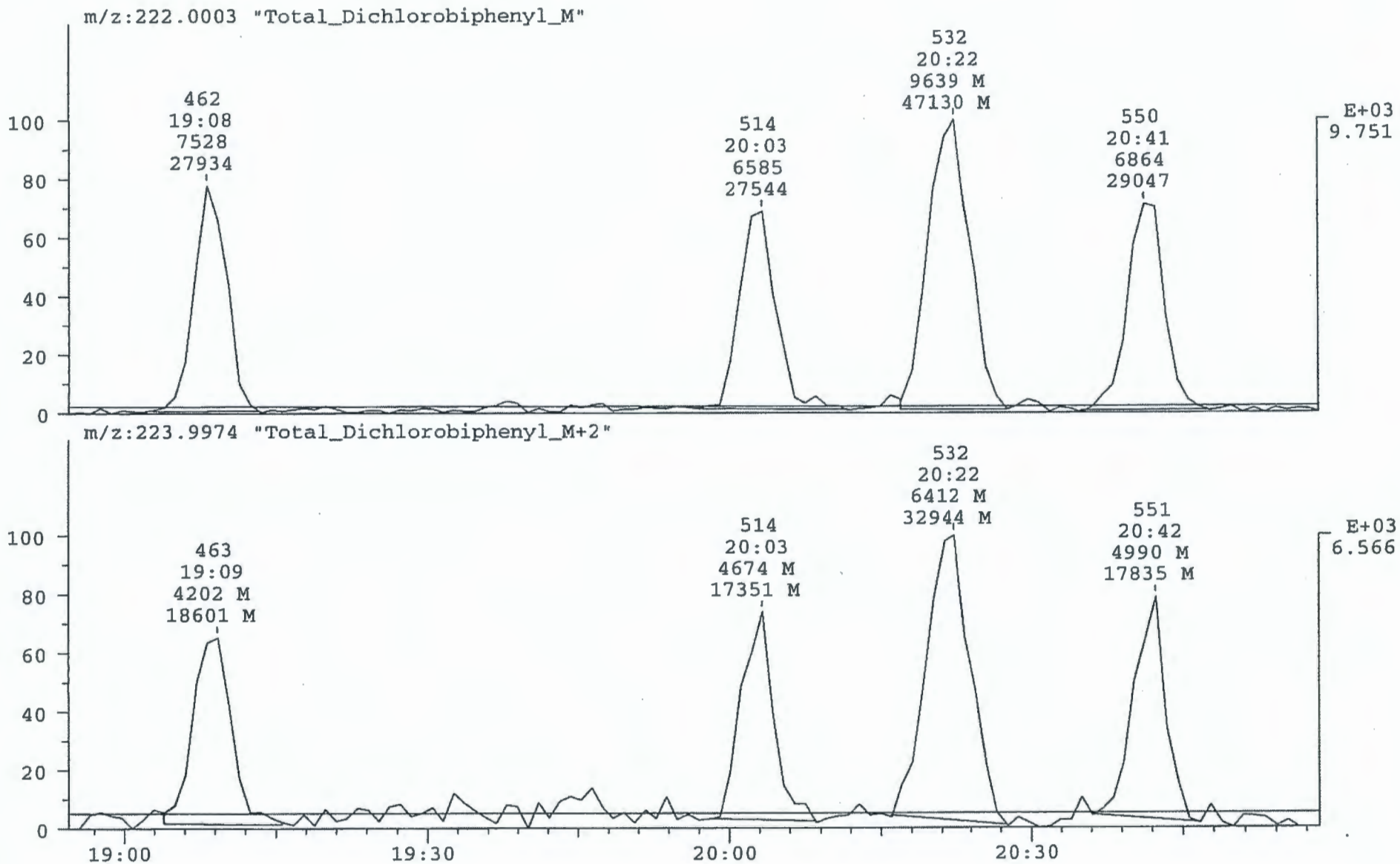
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  17:33.0      372
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   369 > 375             Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



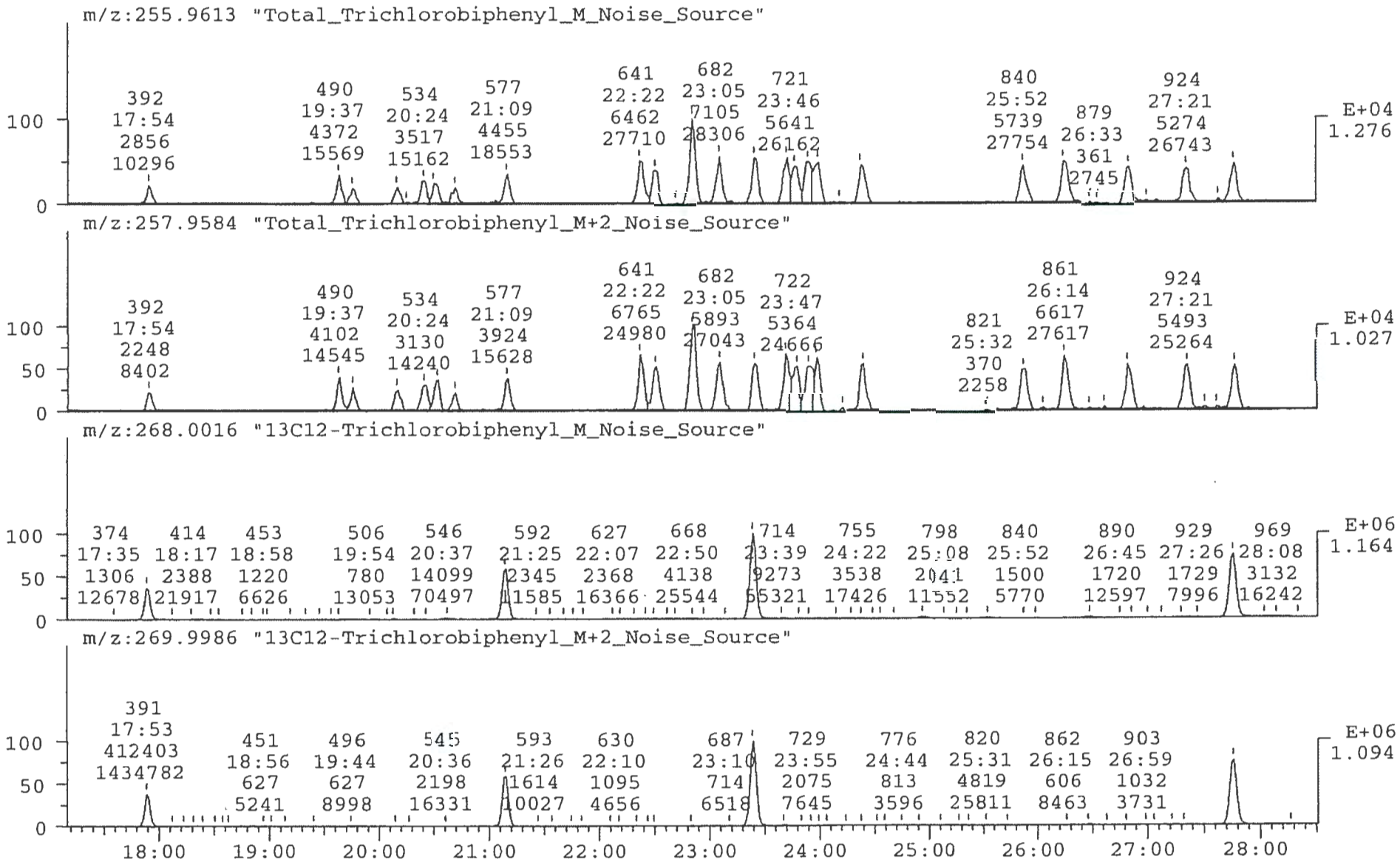
CHRO: a070313i6 13-Mar-07 Elapse: 19:55.8 507
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 437 > 577 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



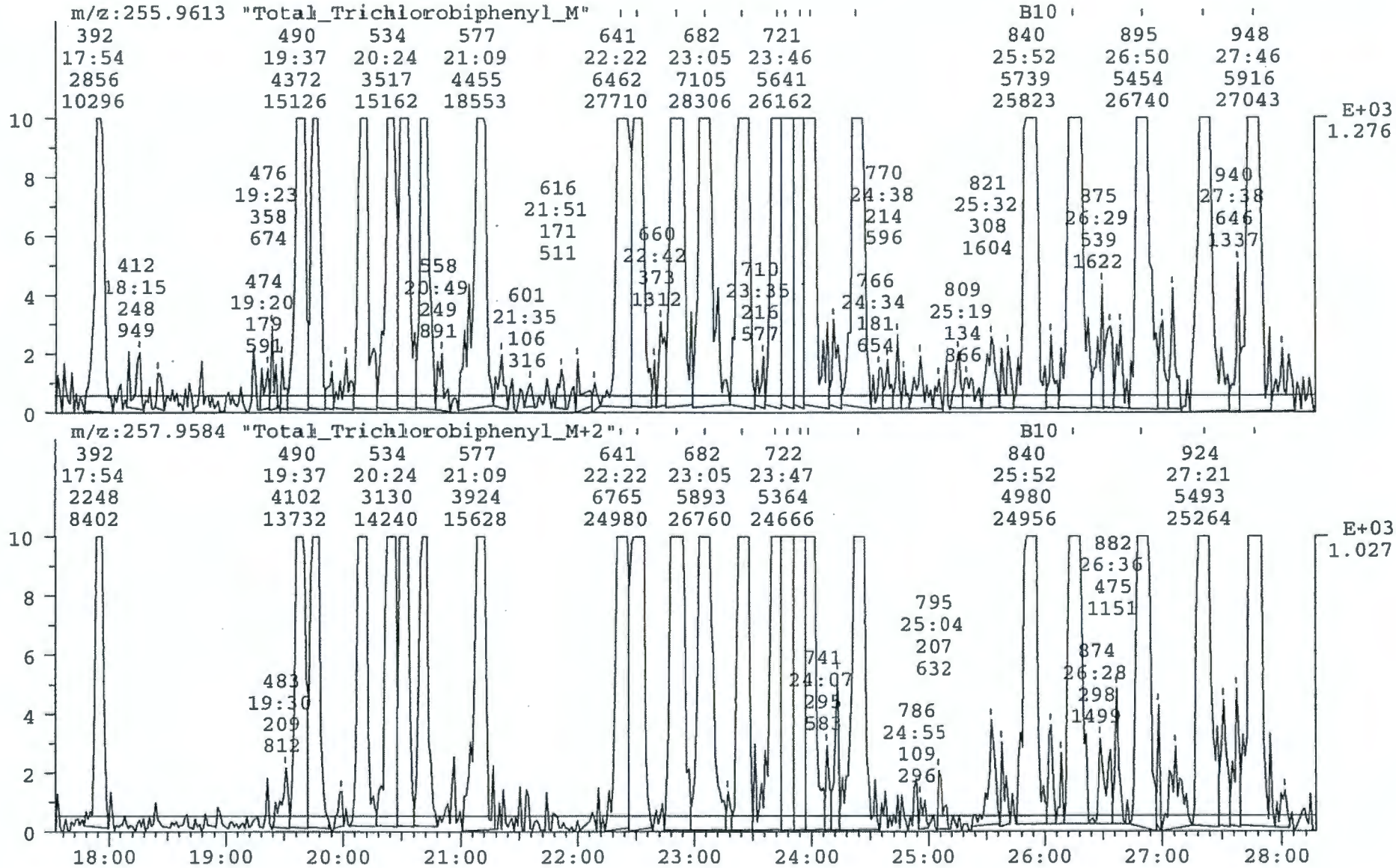
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 449 > 566 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



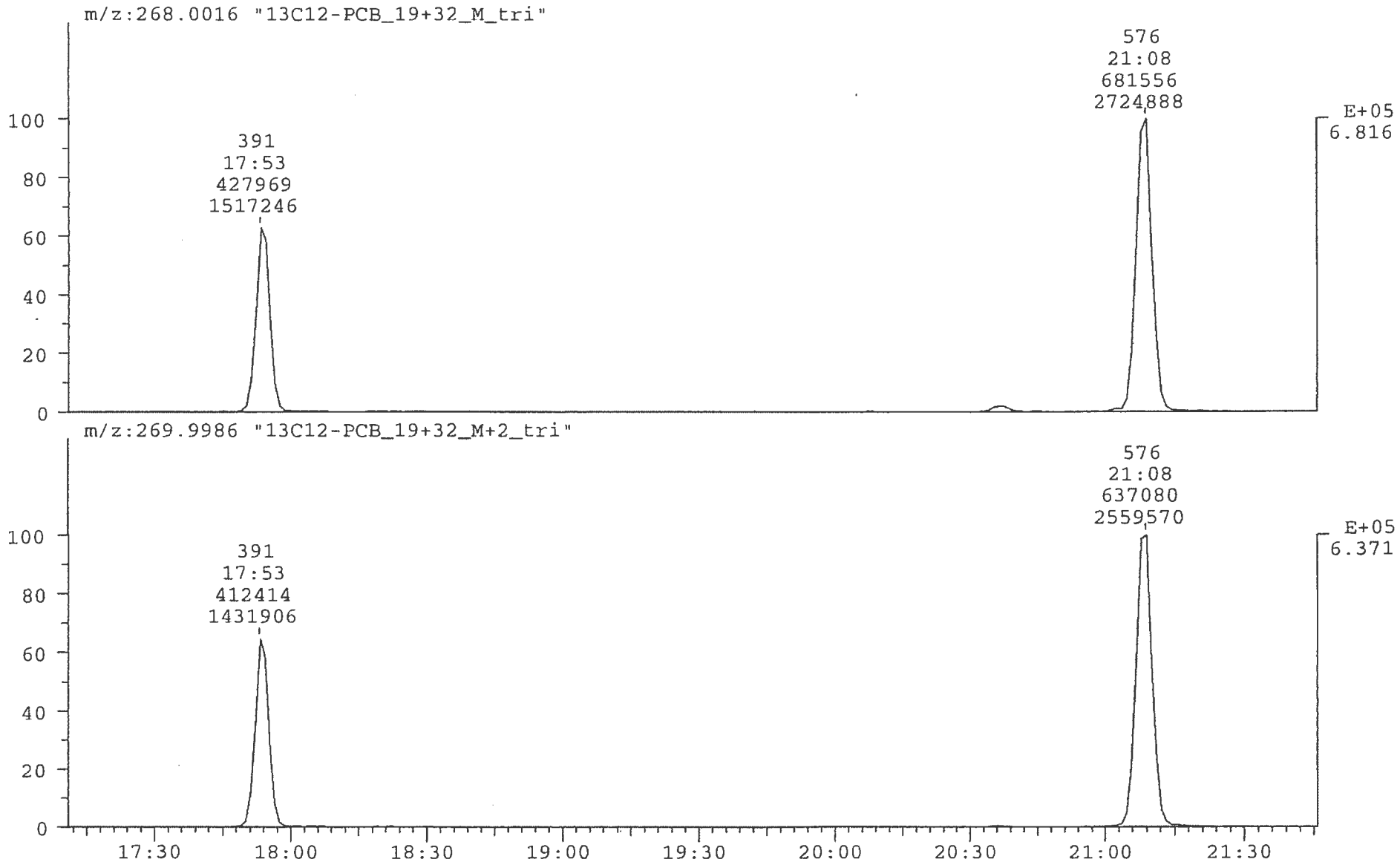
CHRO: a070313i6 13-Mar-07 Elapse: 22:52.8 670
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 350 > 990 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



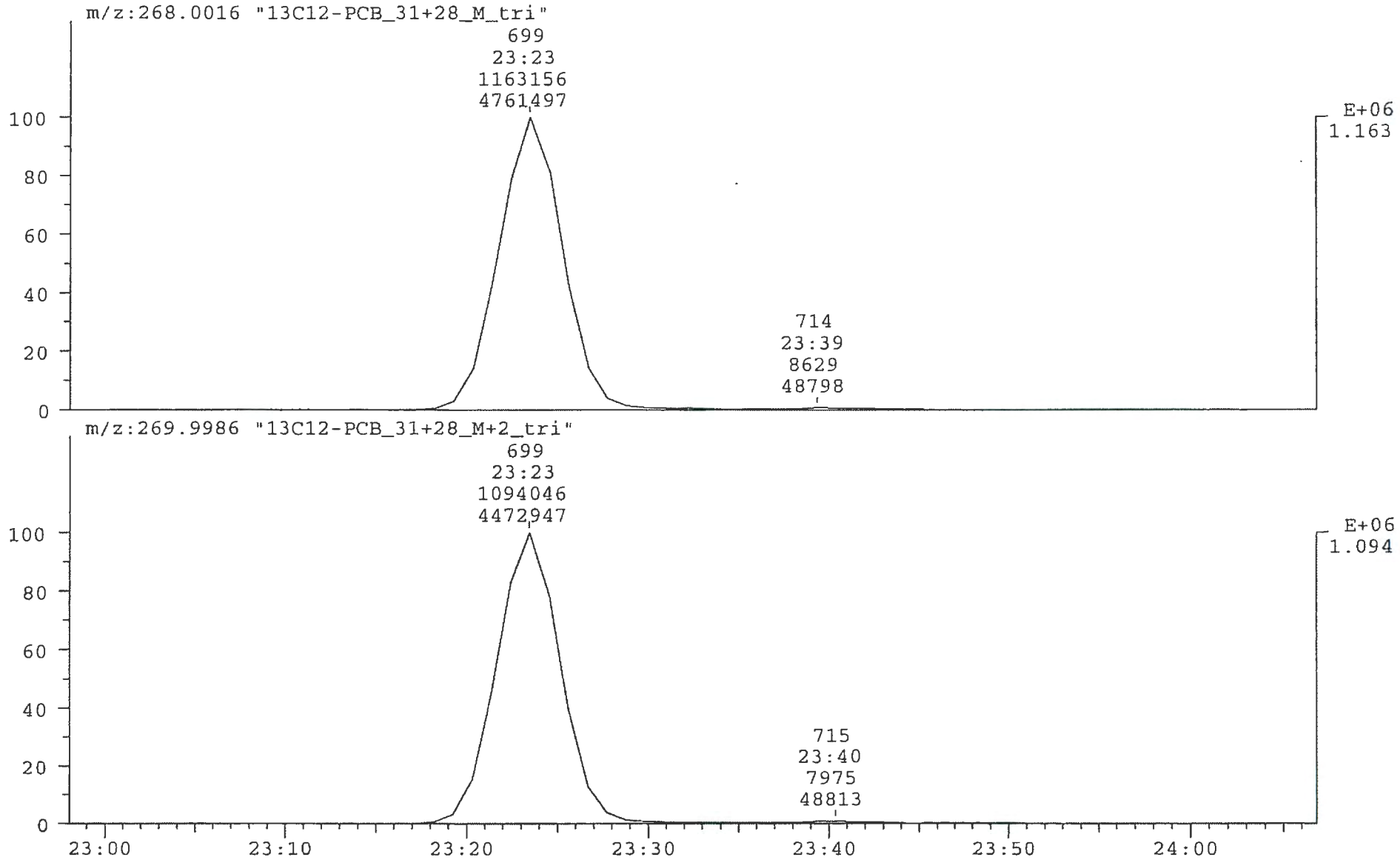
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 371 > 977 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 1.0
Disp: Height Area



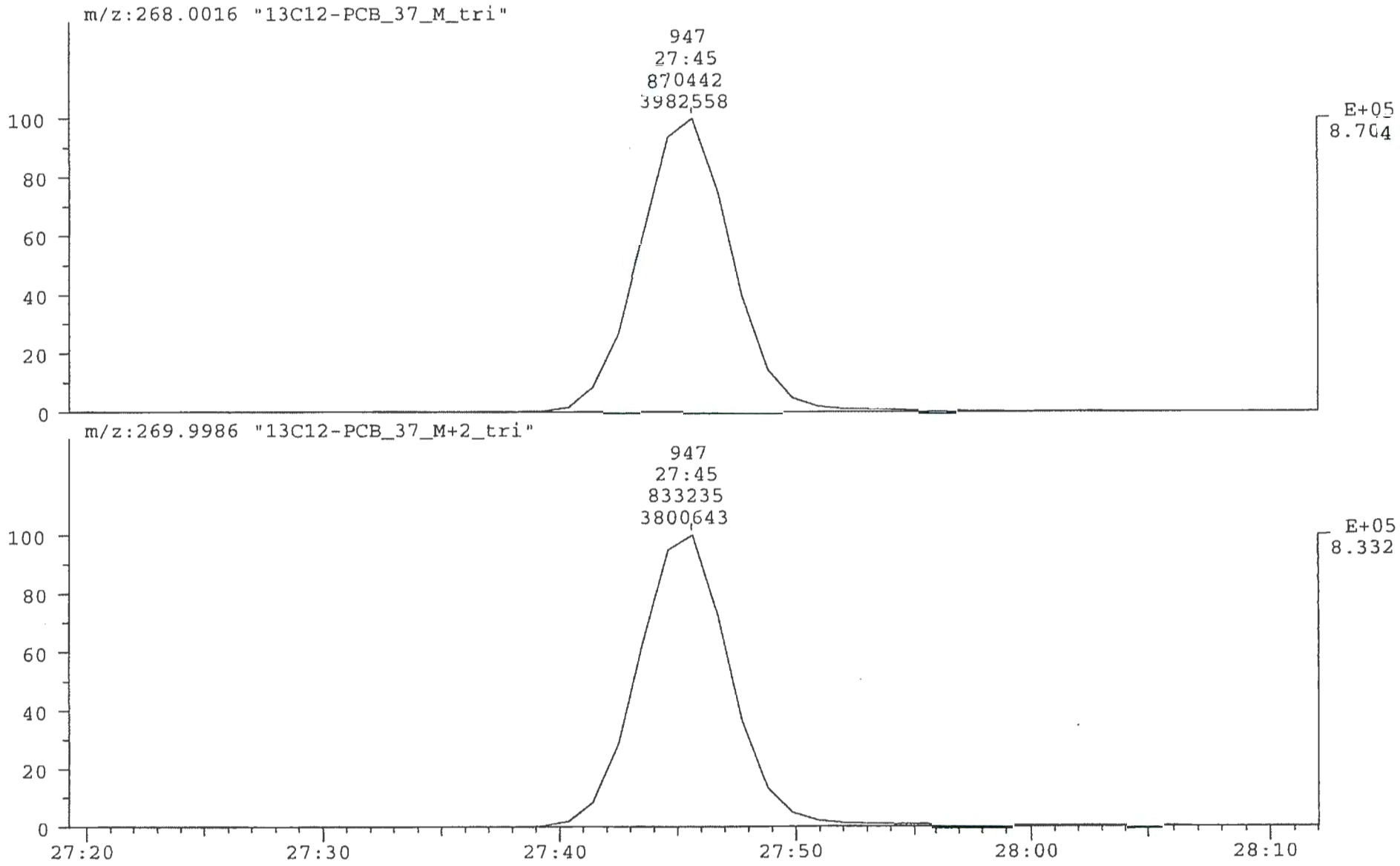
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  19:17.7      471
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
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
```



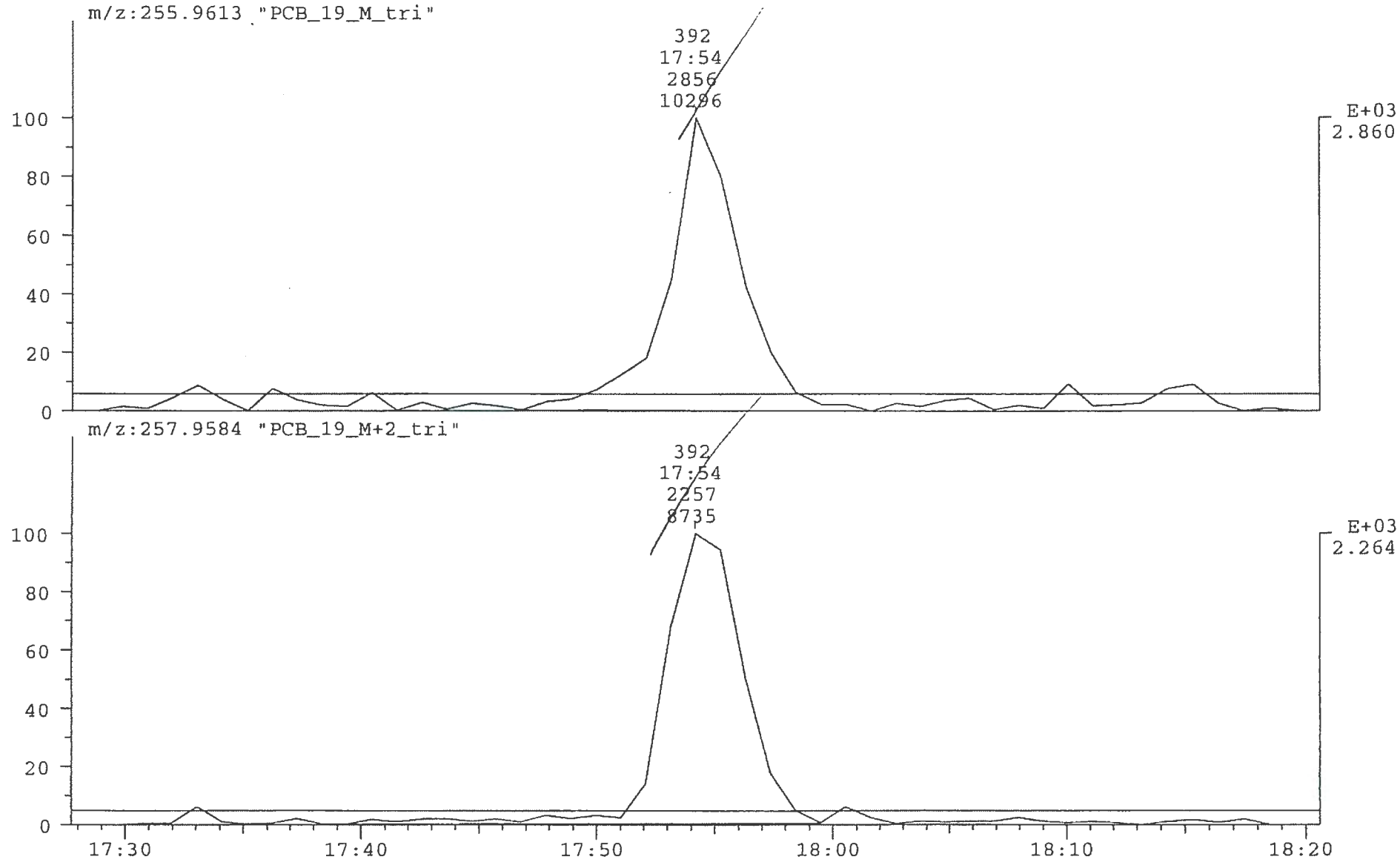
```
CHRO:  a07031316                                13-Mar-07   Elapse:  23:24.5      700
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
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
```



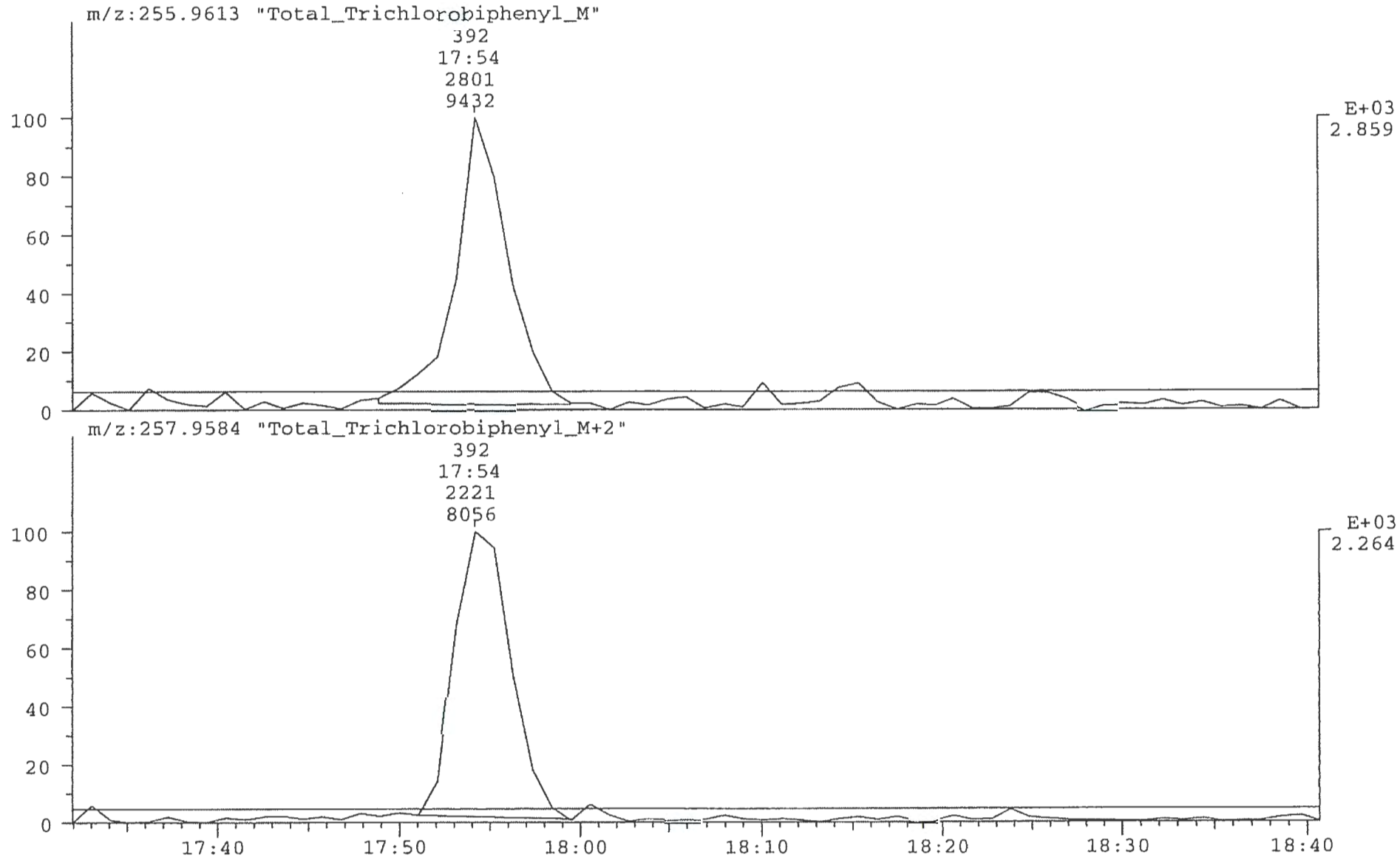
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  27:45.6      947
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   922 > 972            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



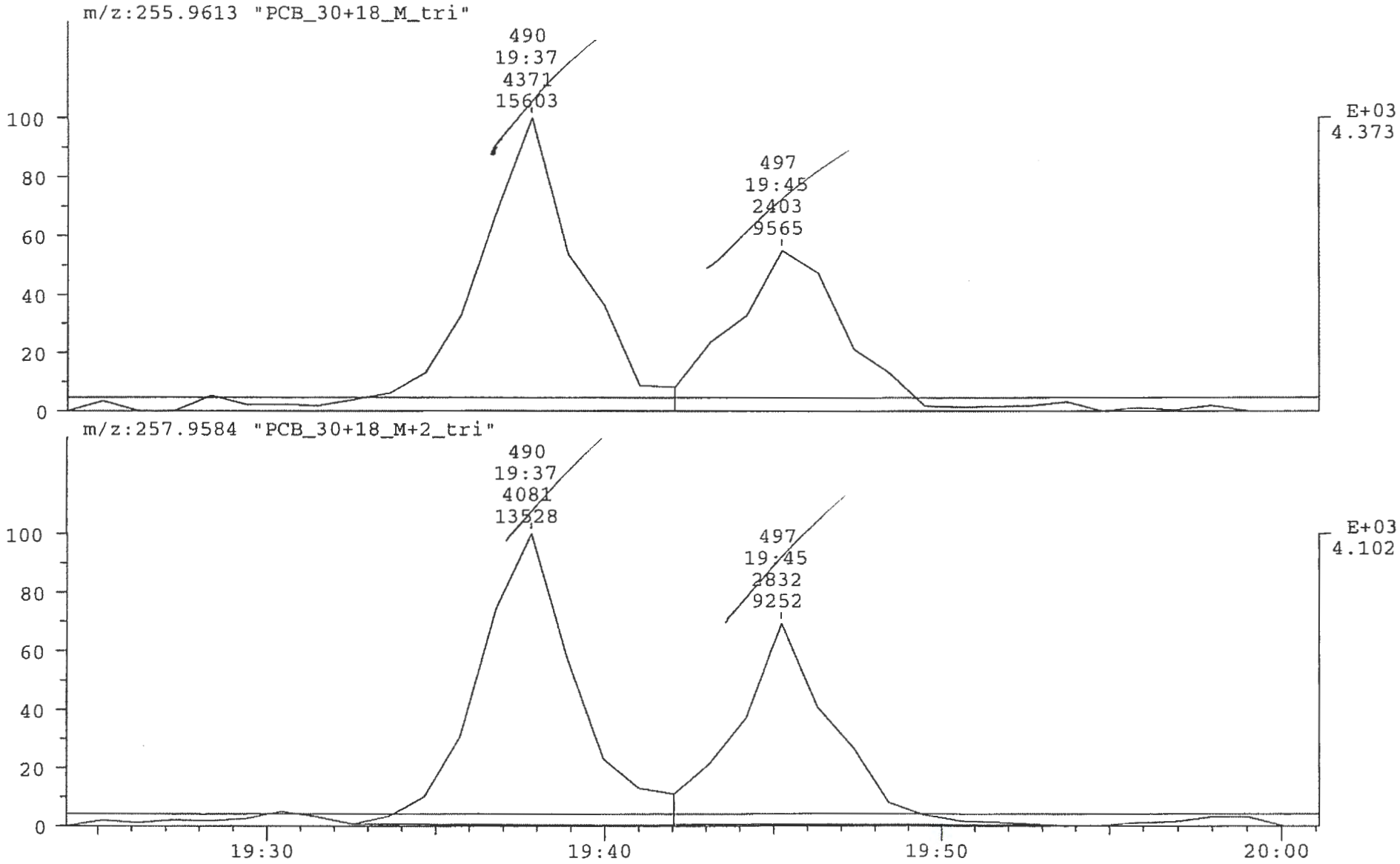
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  17:54.2      392
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



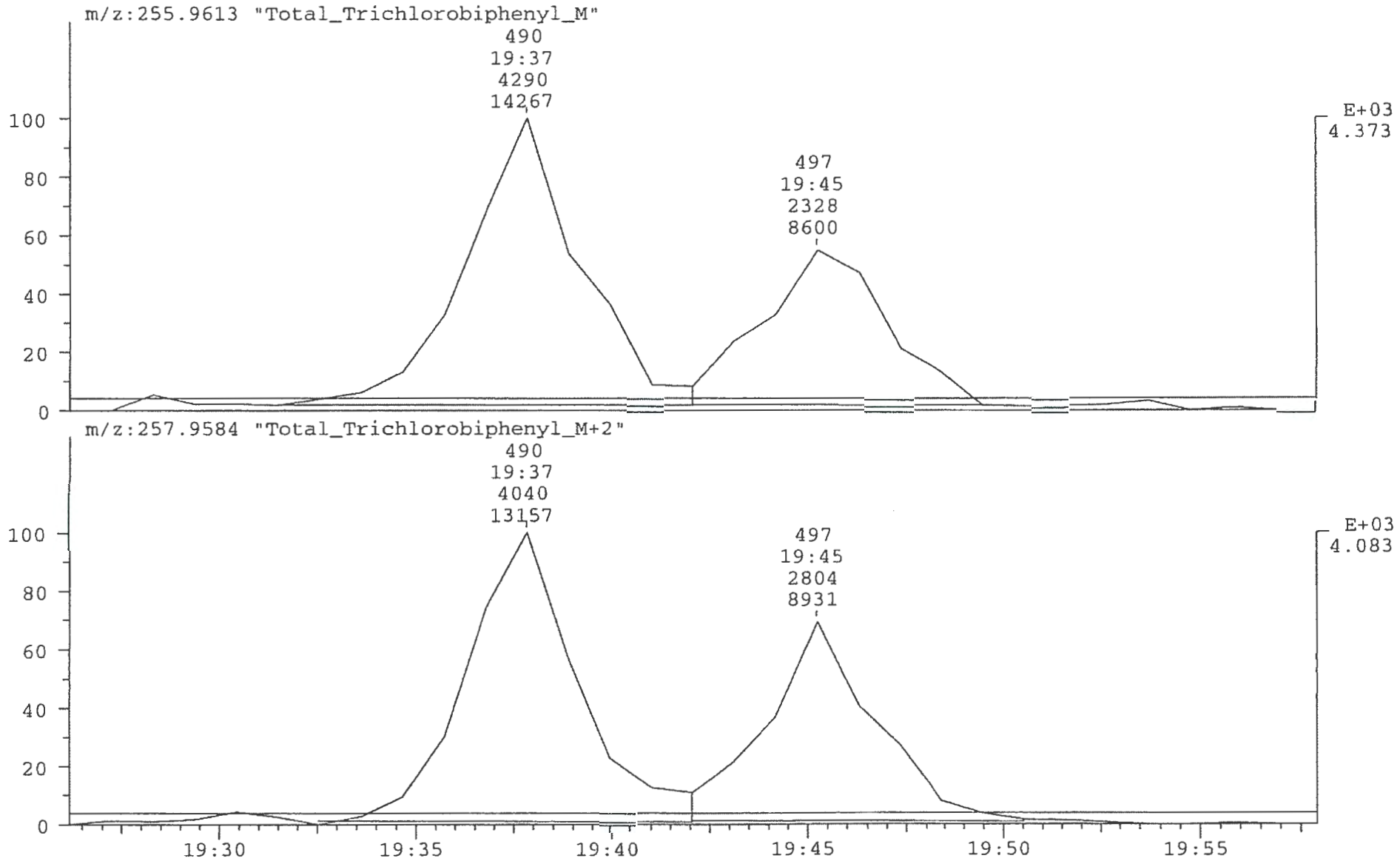
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   371 > 436            Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



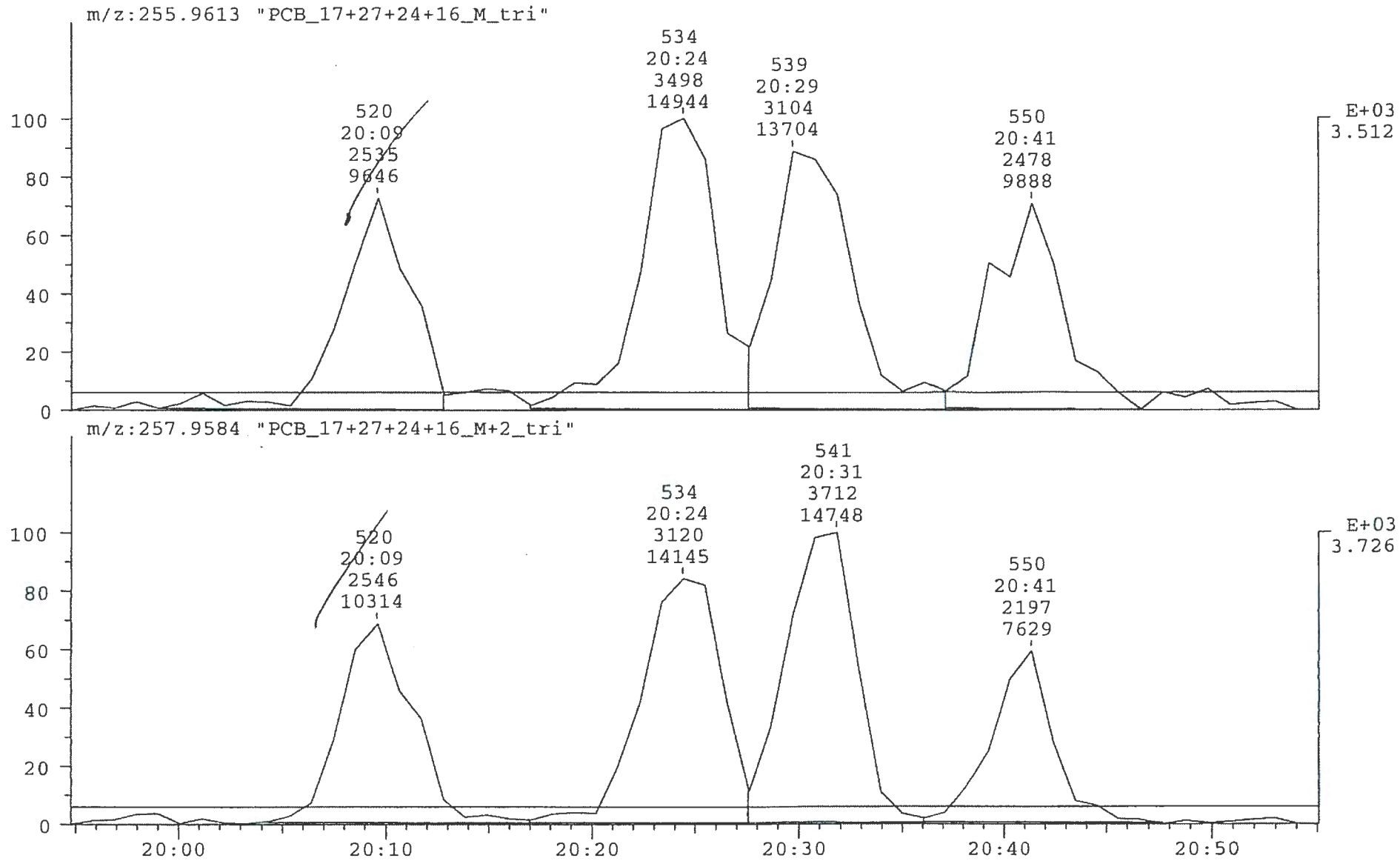
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  19:45.2      497
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



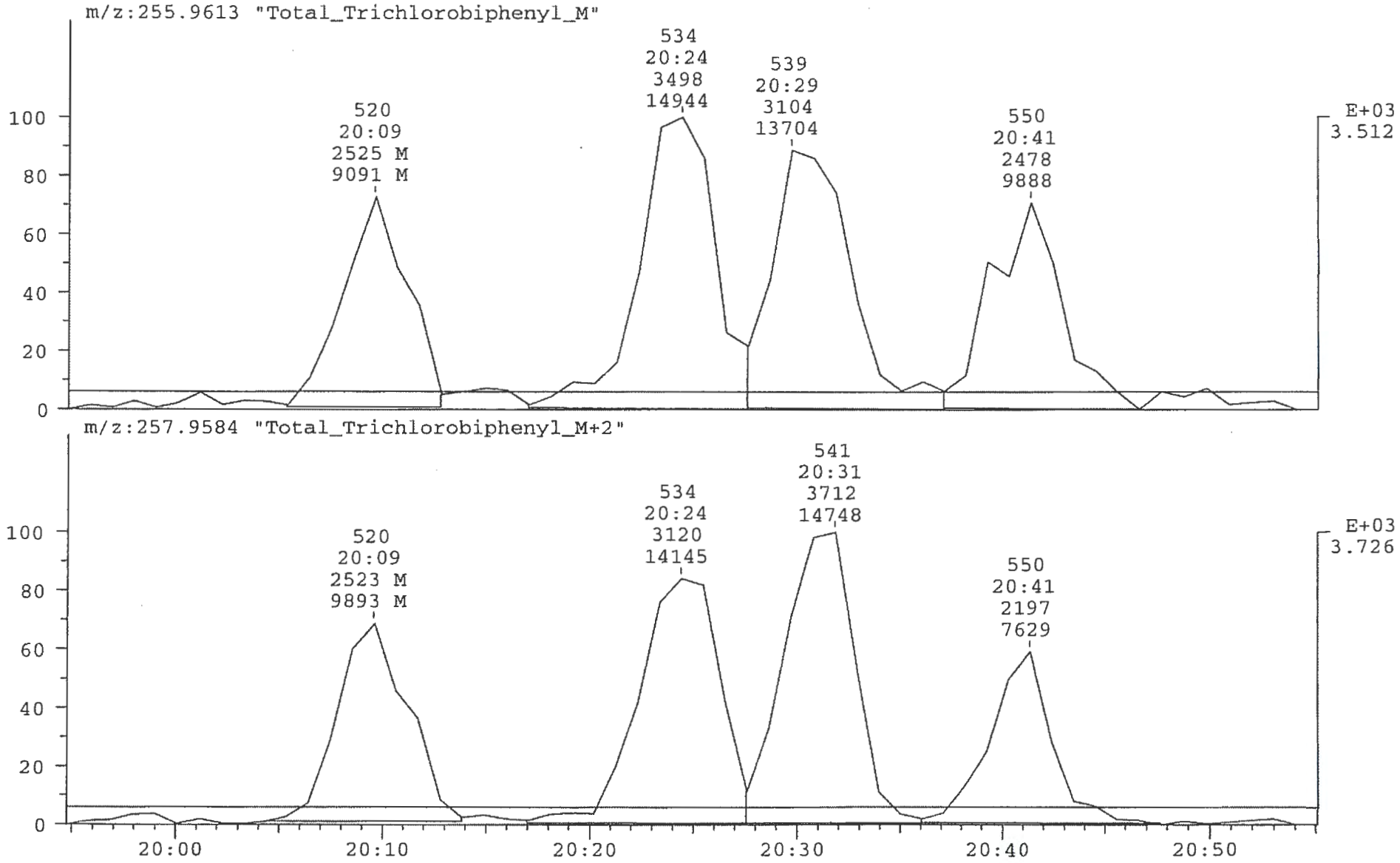
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   479 > 509            Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



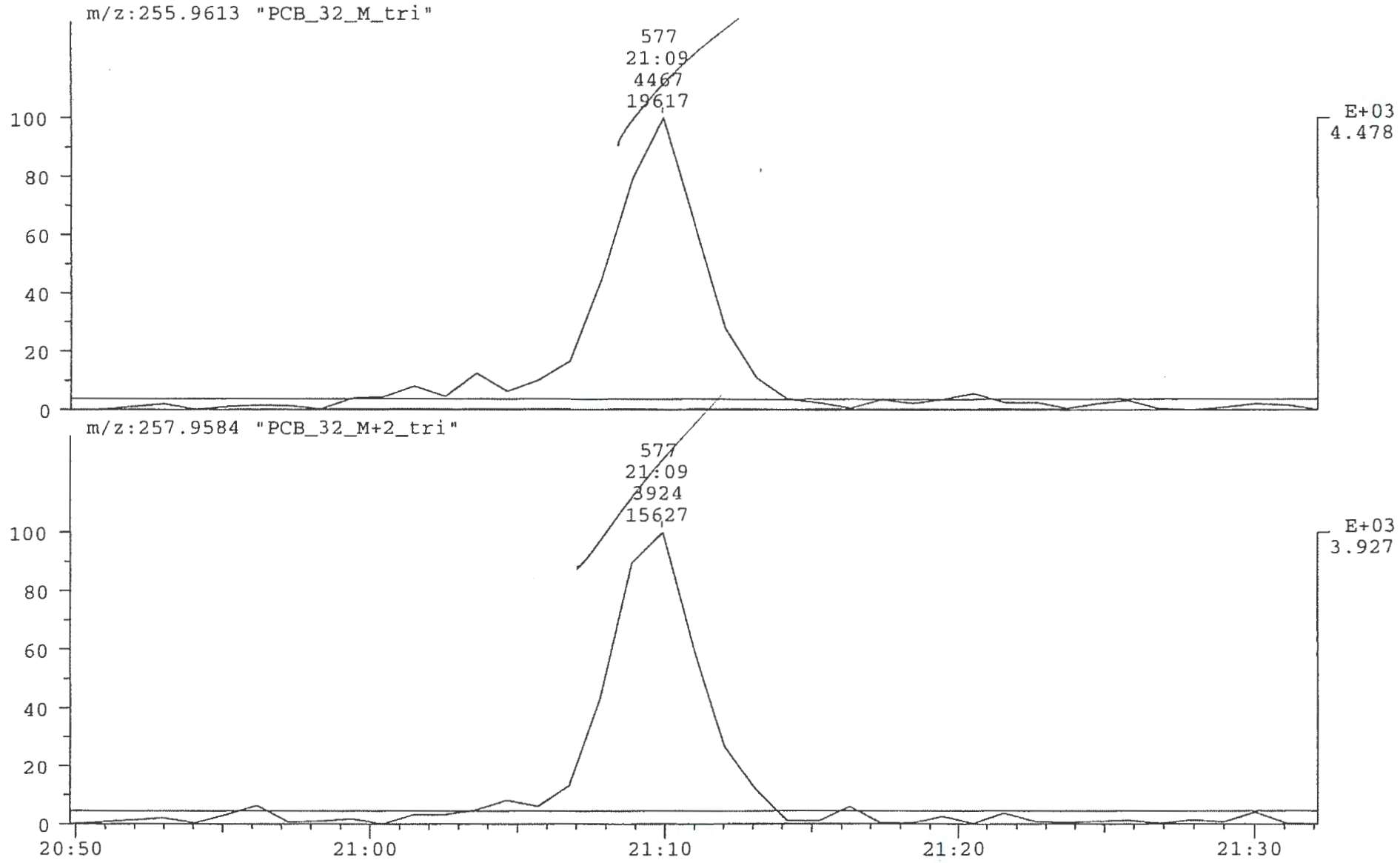
CHRO: a070313i6 13-Mar-07 Elapse: 20:26.5 536
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 506 > 563 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



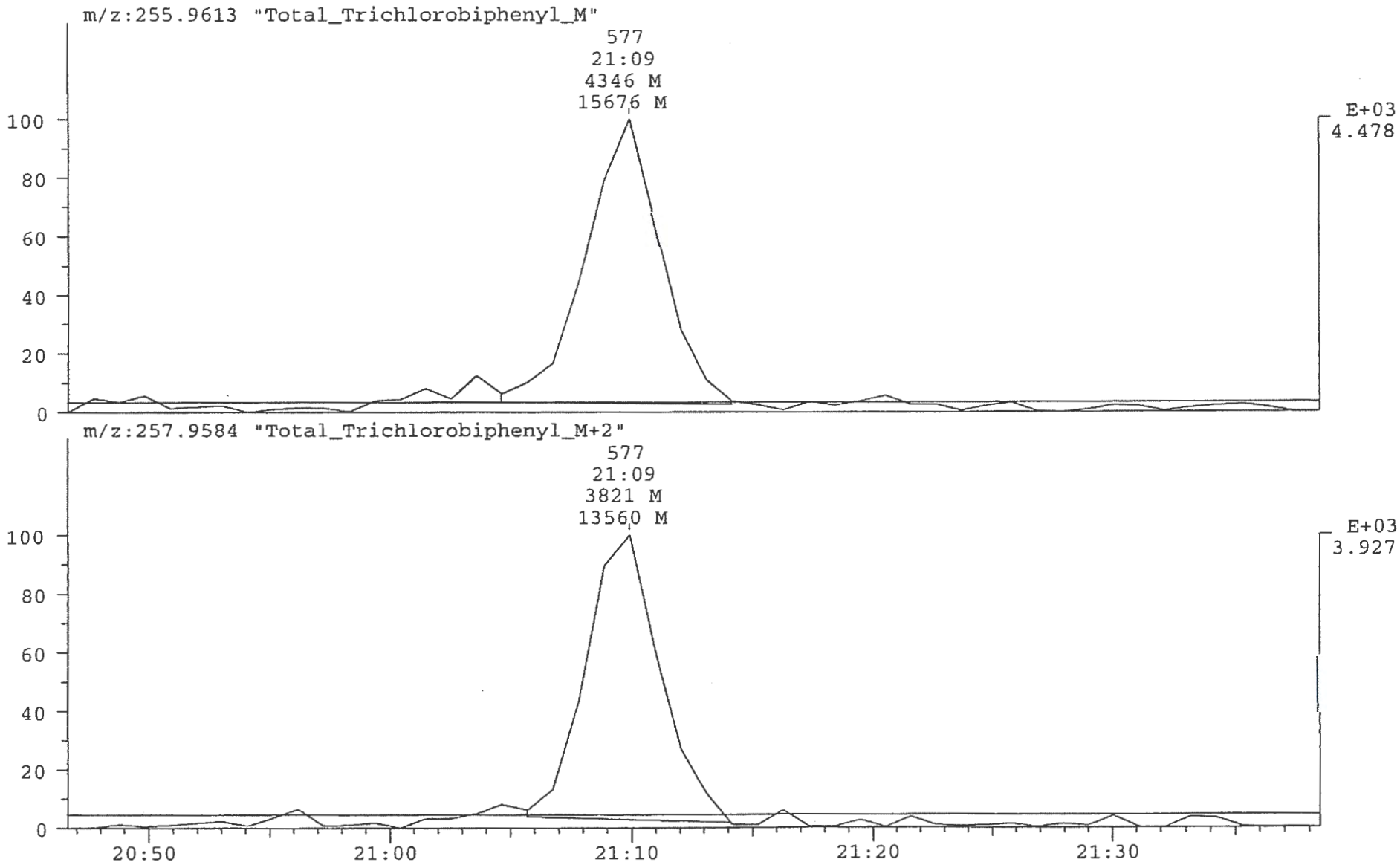
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   506 > 563             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



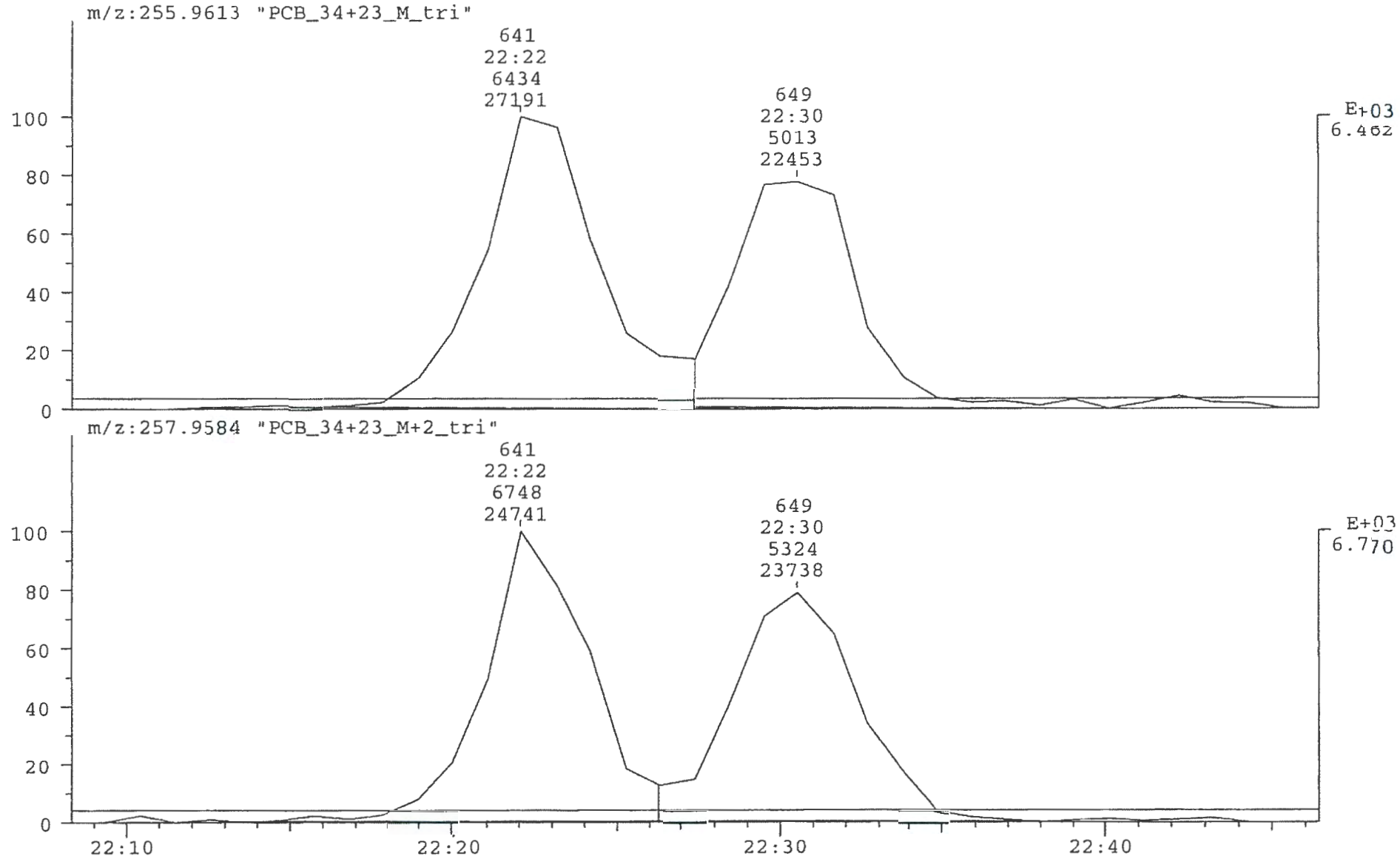
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  21:11.9      578
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



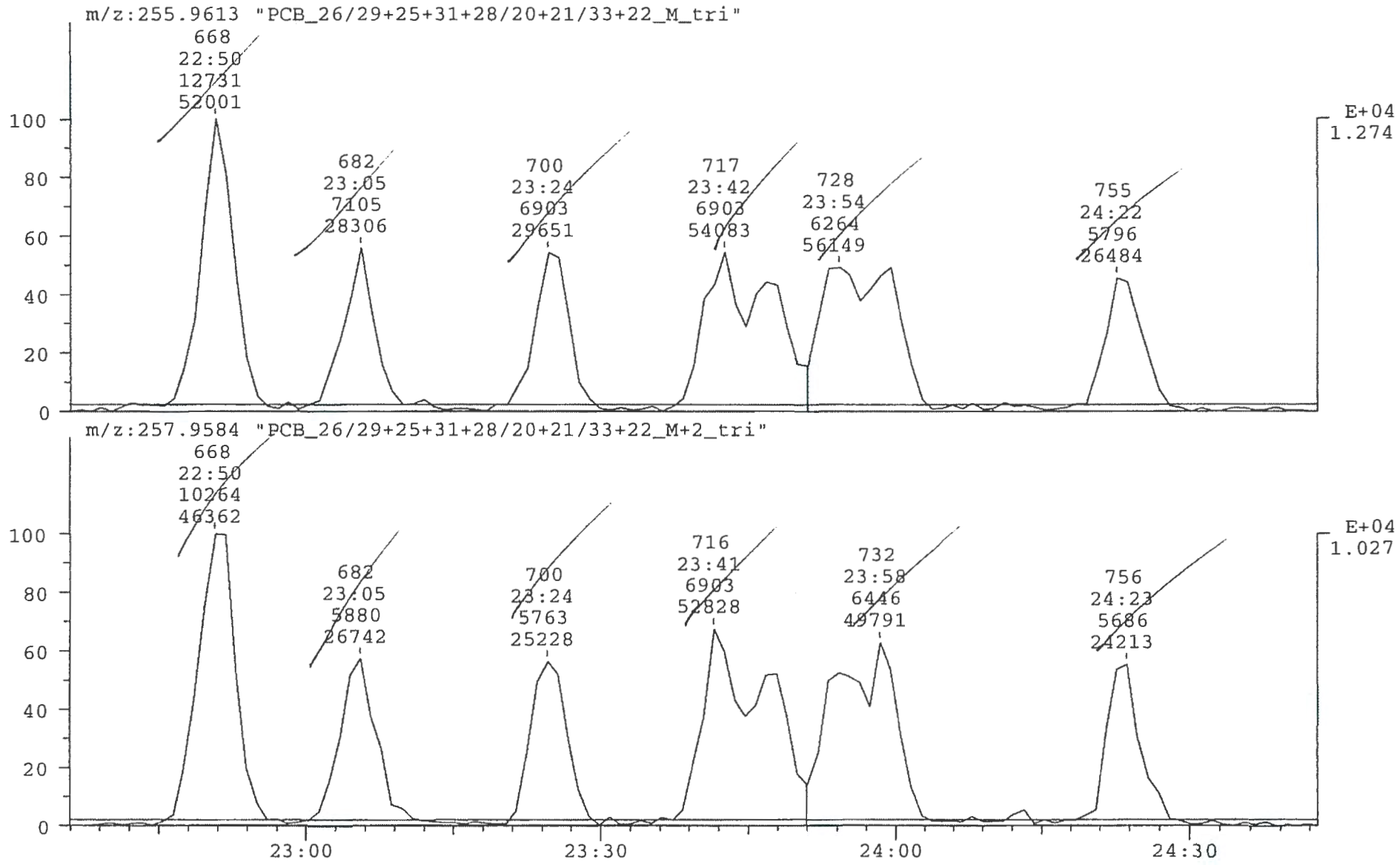
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   555 > 604             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



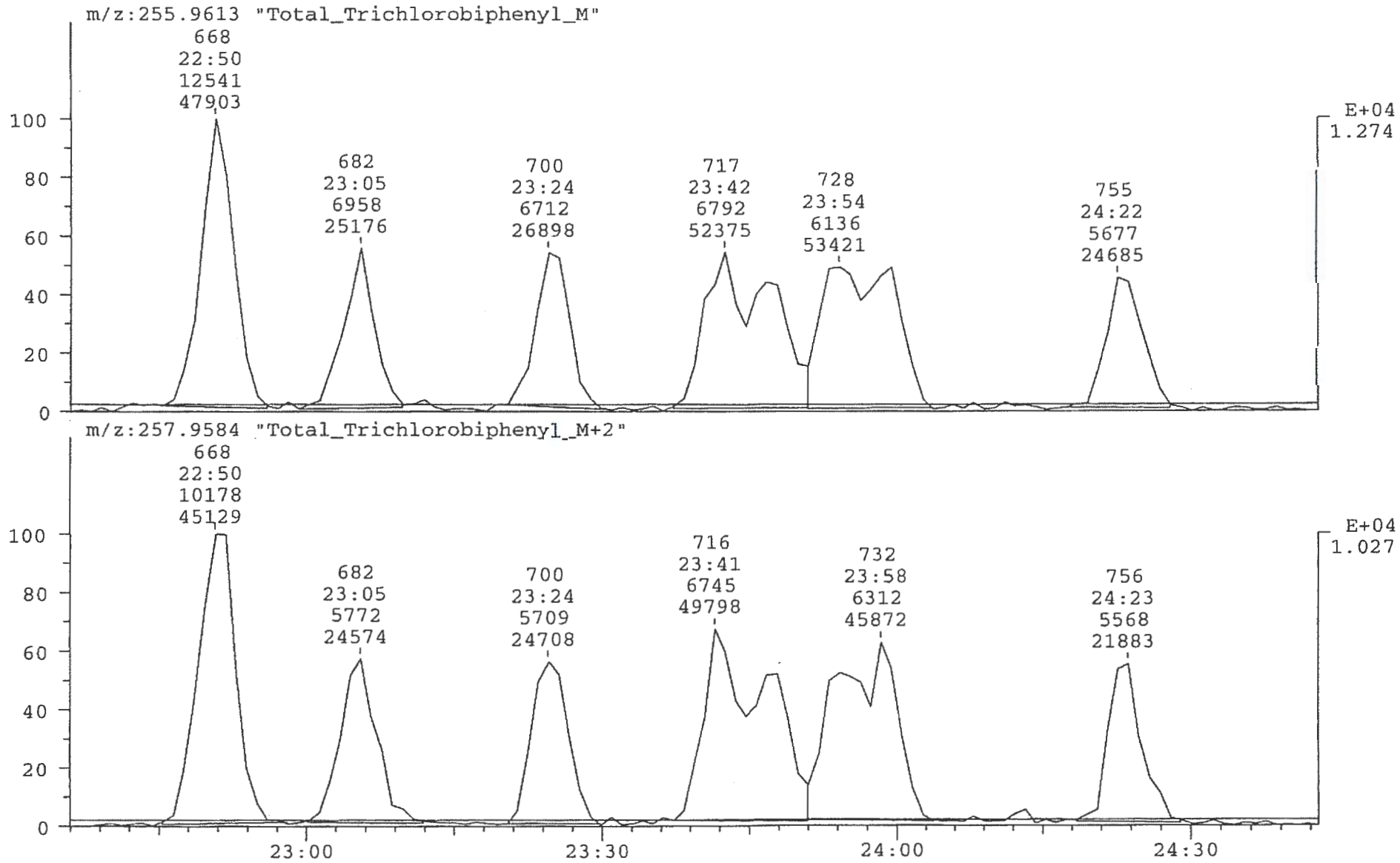
CHRO: a070313i6 13-Mar-07 Elapse: 22:24.2 643
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 628 > 664 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



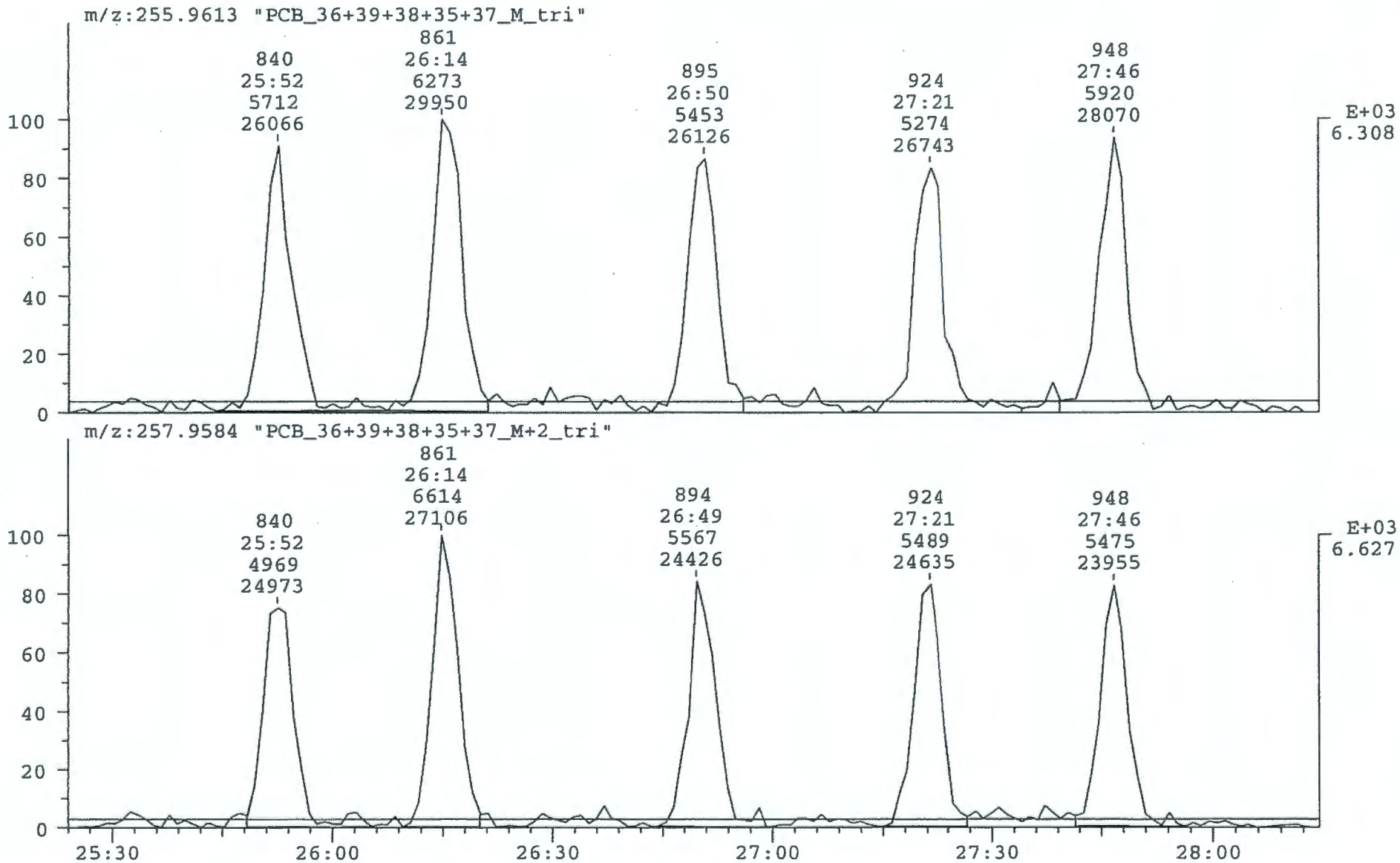
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  23:55.2      729
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



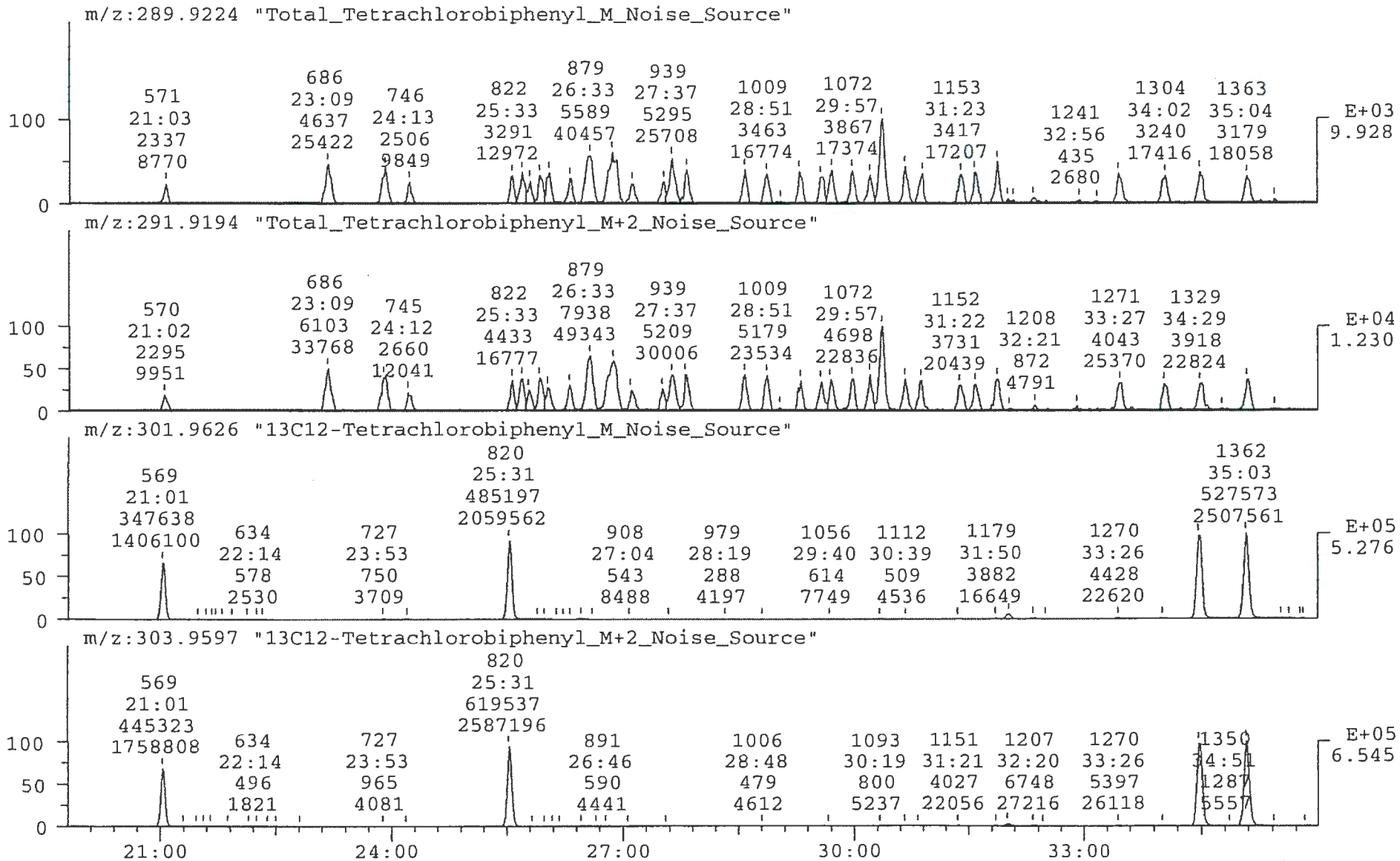
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   654 > 774             Masses:  181 > 510
Area:  5, 3.00, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



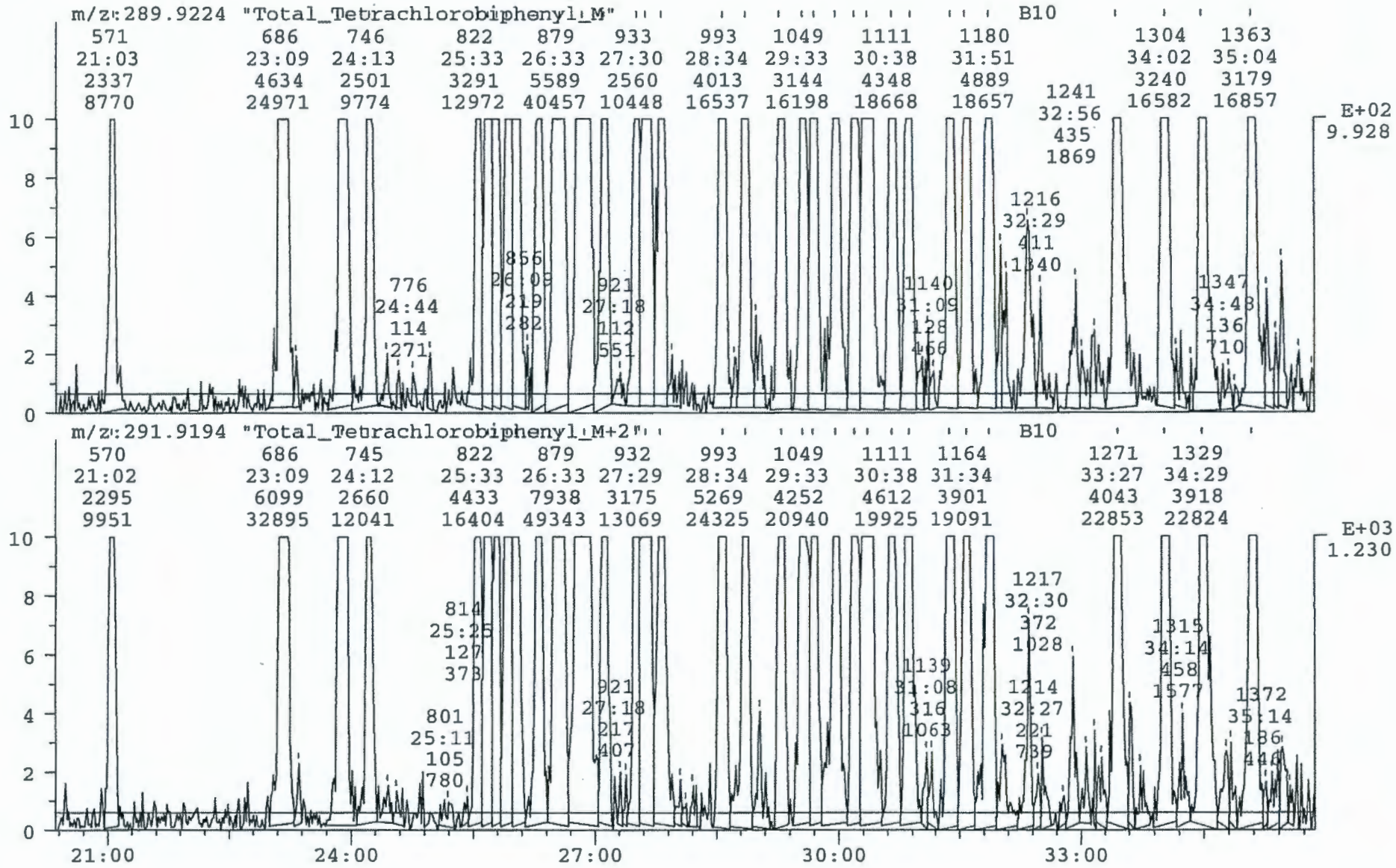
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  26:53.9      898
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG           Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   813 > 974             Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



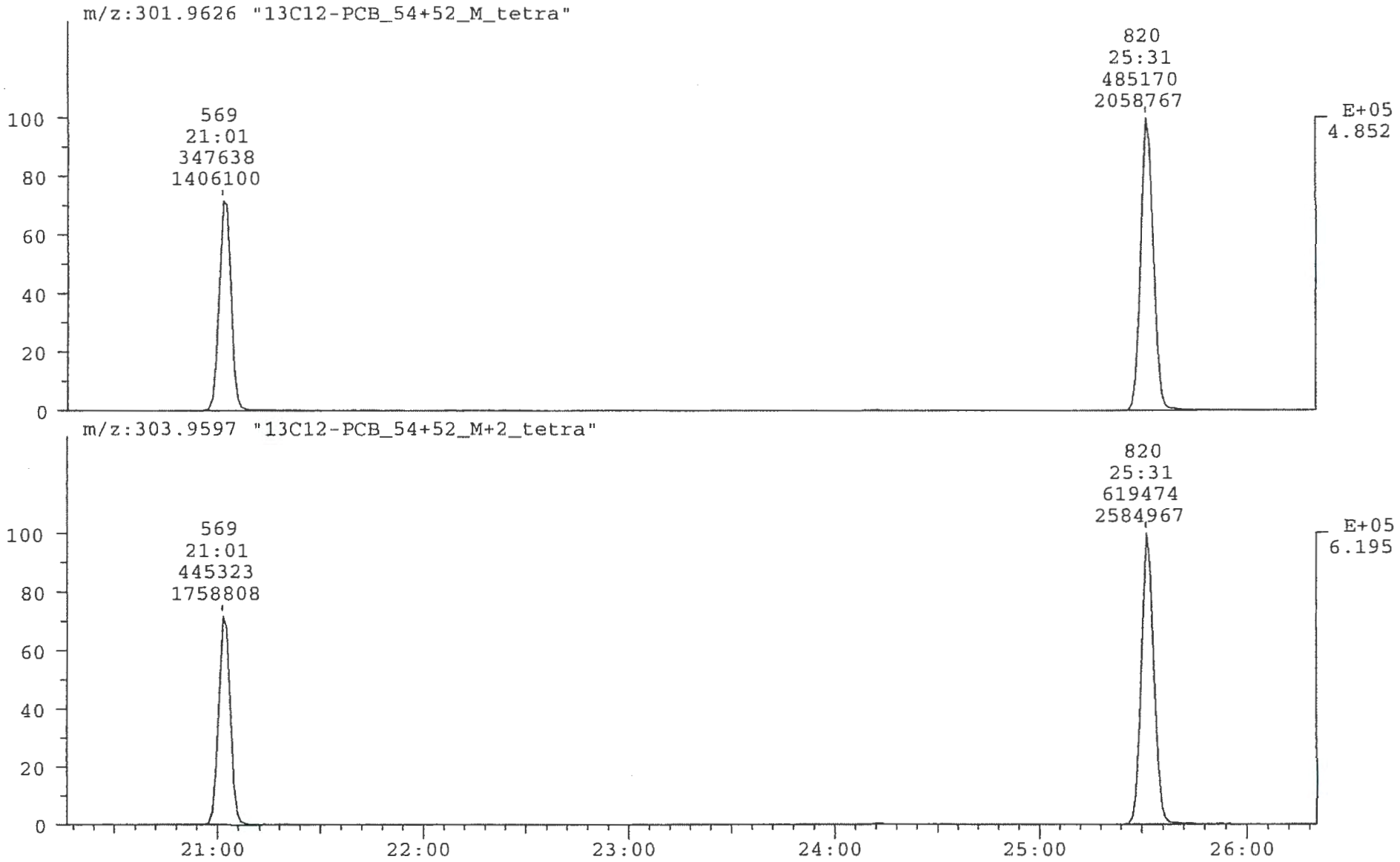
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  27:53.0      954
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



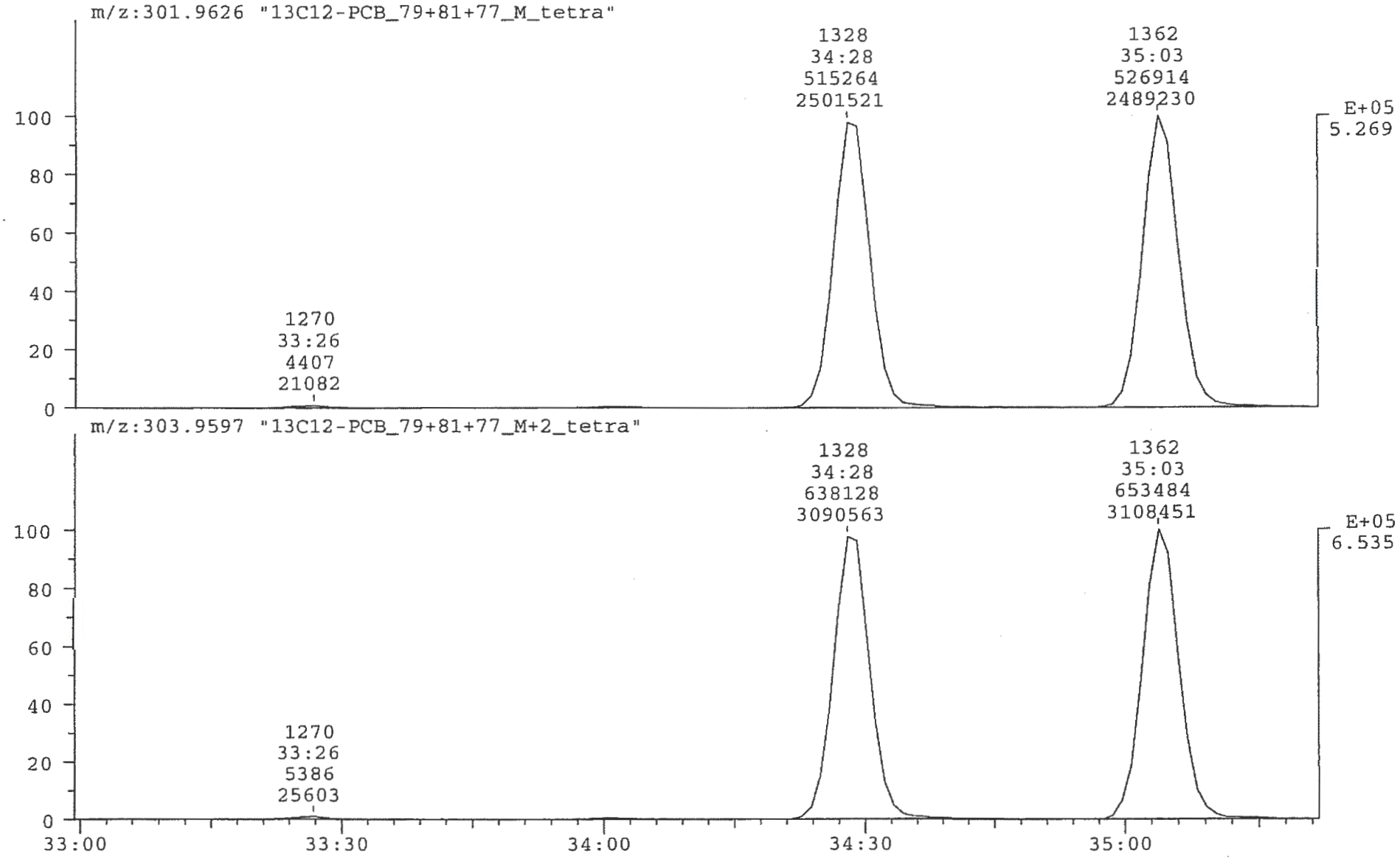
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   531 > 1406            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 1.0
Disp:  Height  Area
```



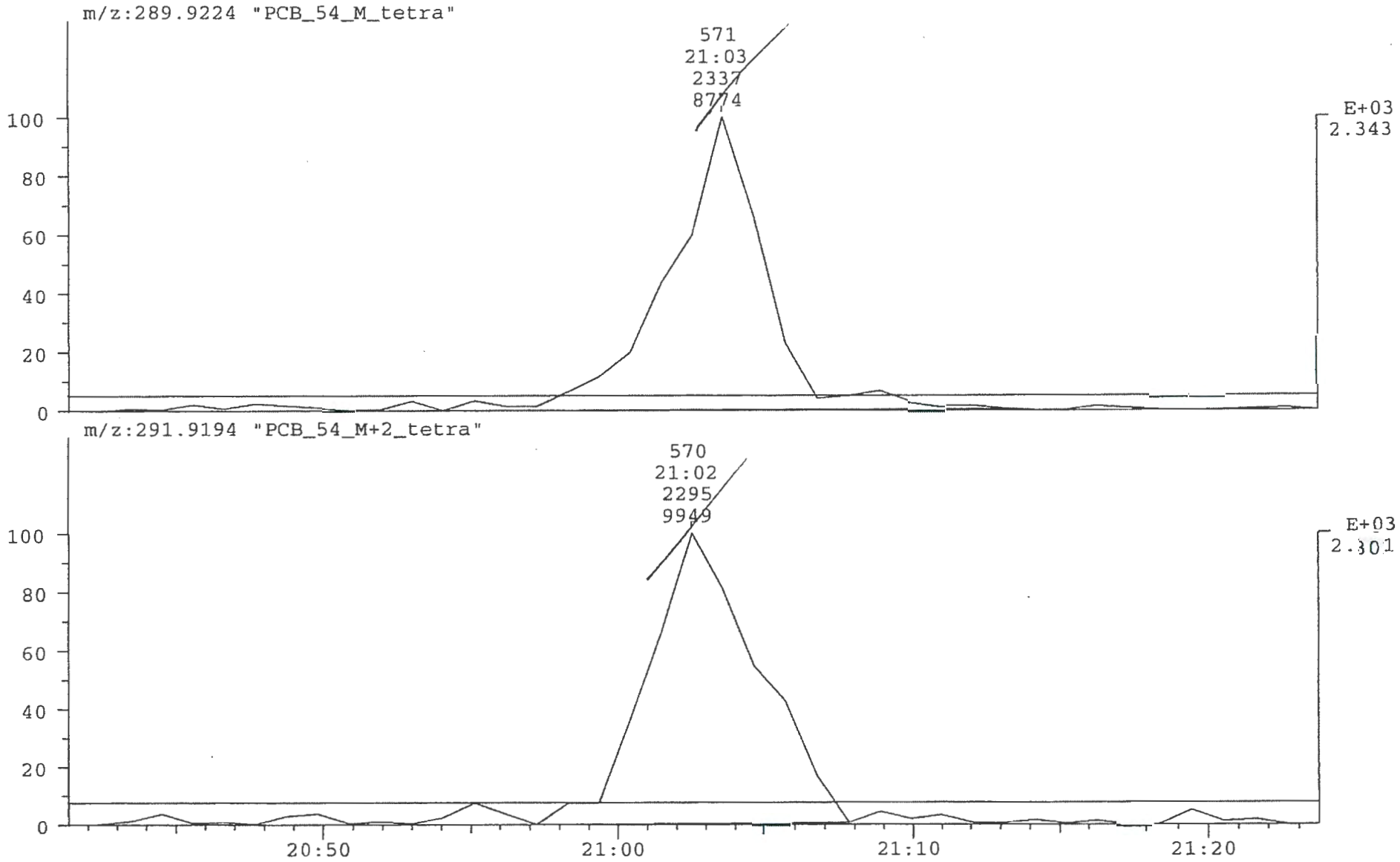
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  23:20.3      696
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



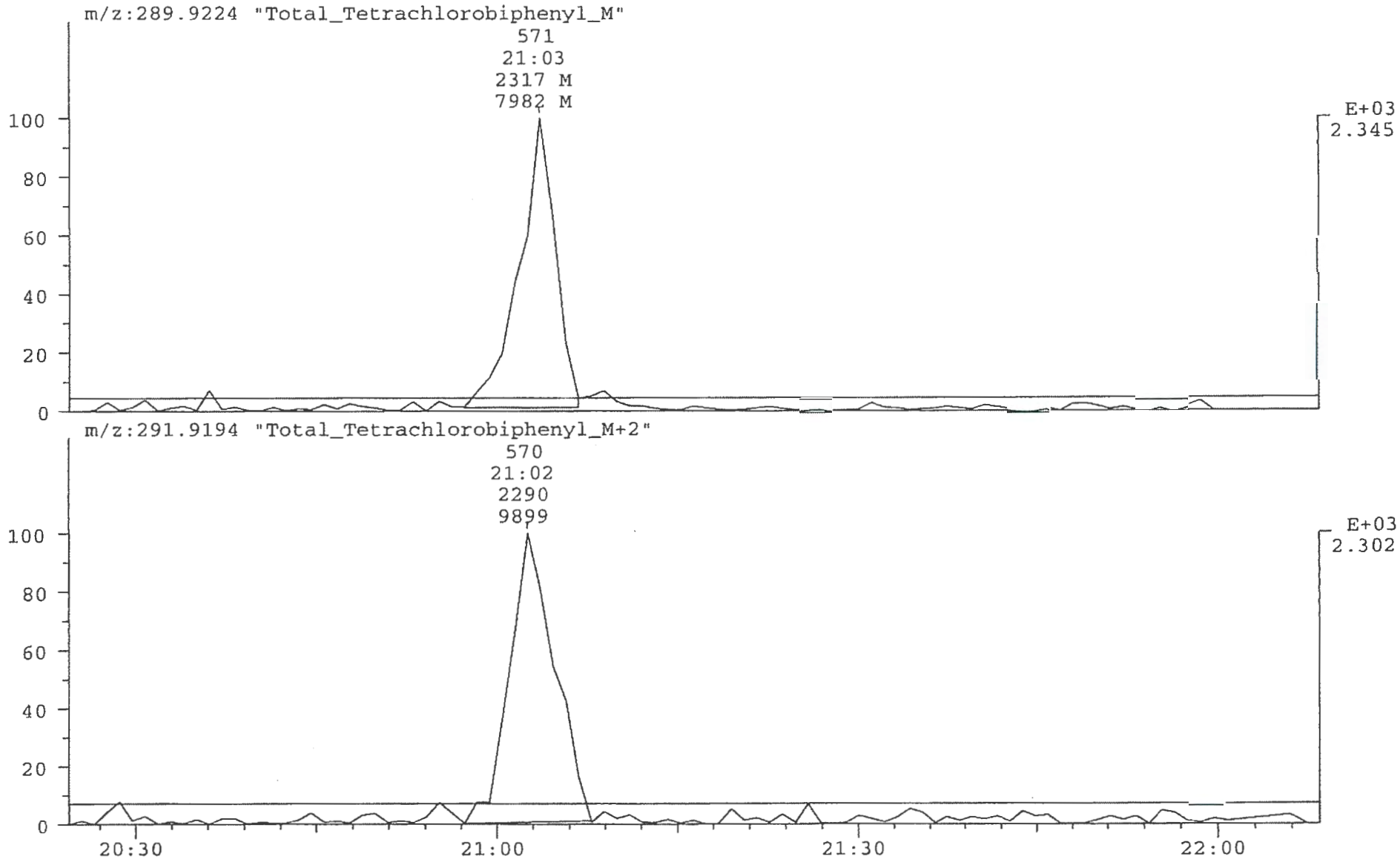
CHRO: a070313i6 13-Mar-07 Elapse: 34:13 1314
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1244 > 1379 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



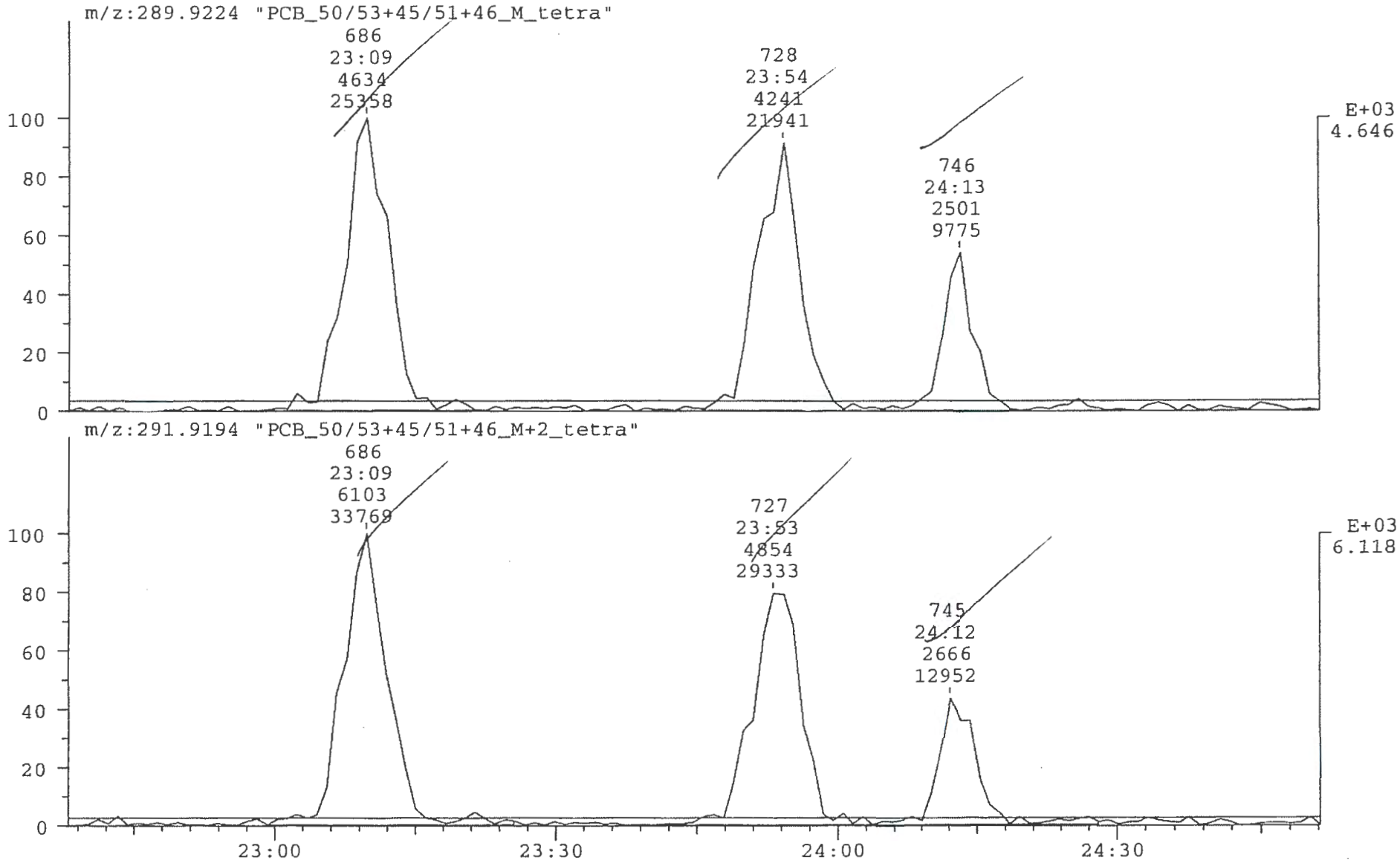
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  21:02.5      570
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   550 > 590            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



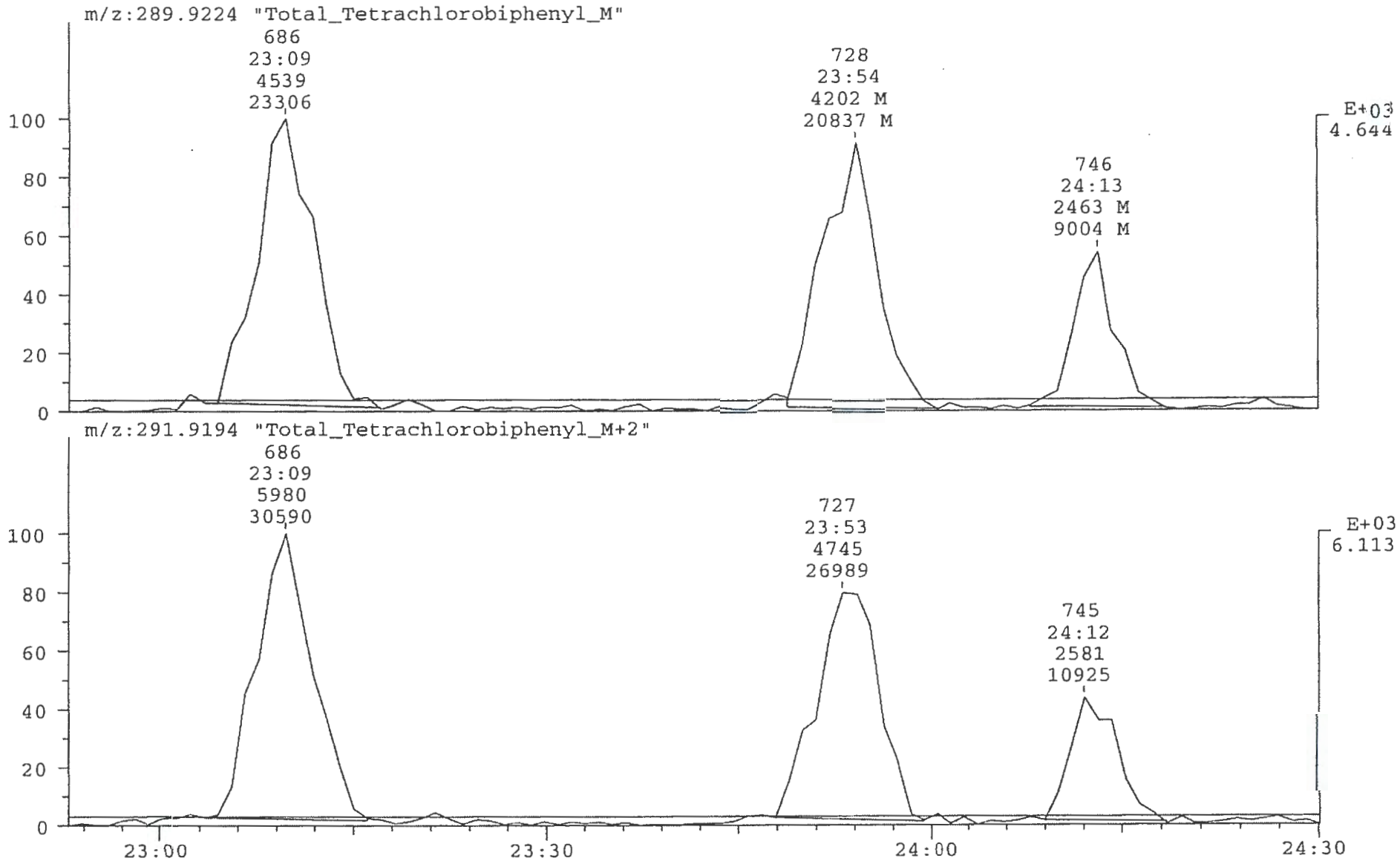
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   534 > 628            Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



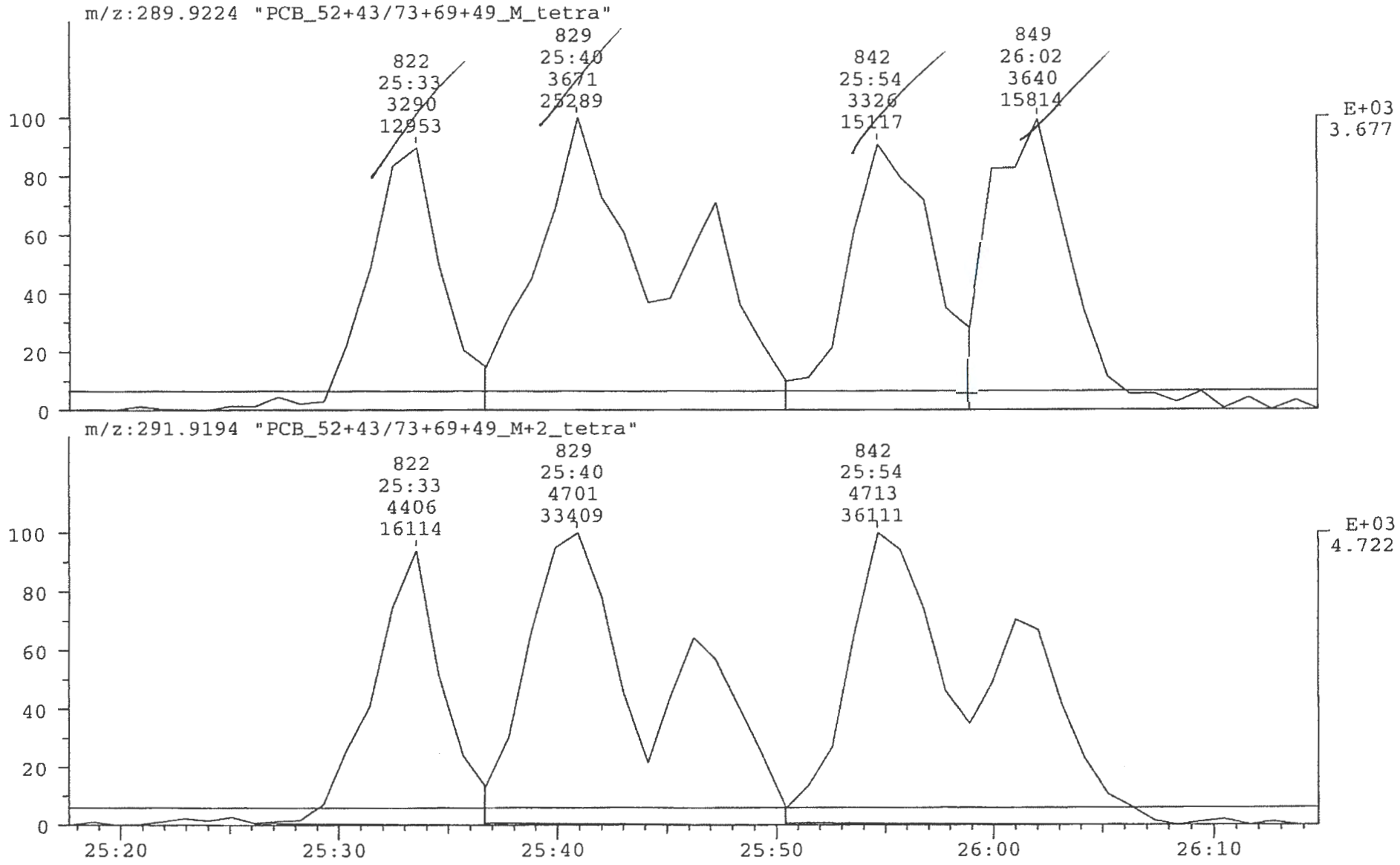
CHRO: a070313i6 13-Mar-07 Elapse: 23:49.9 724
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 656 > 782 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 9 Label : -3, 3.0
Disp: Height Area



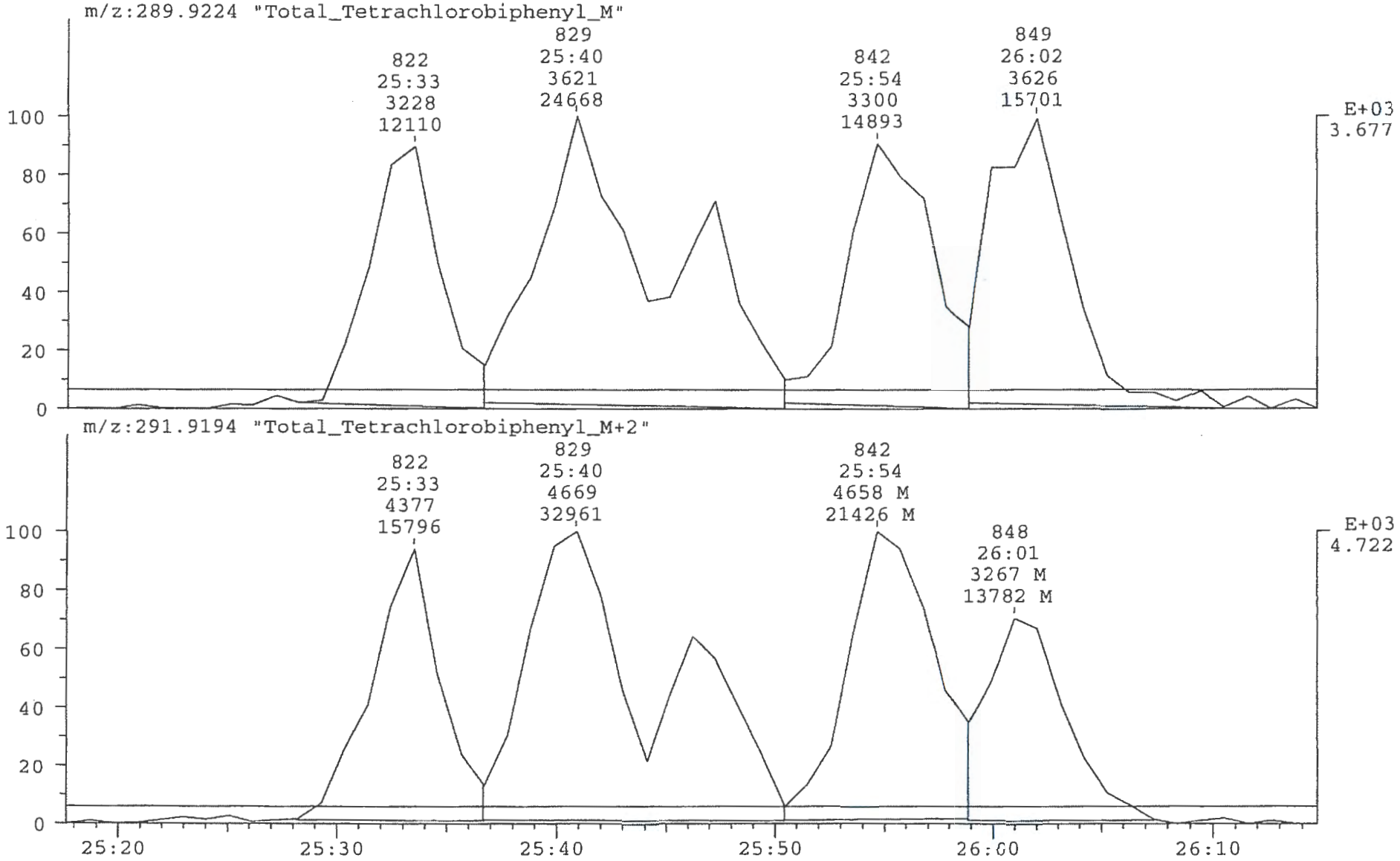
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   670 > 762            Masses:  181 > 510
Area:  5, 3.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



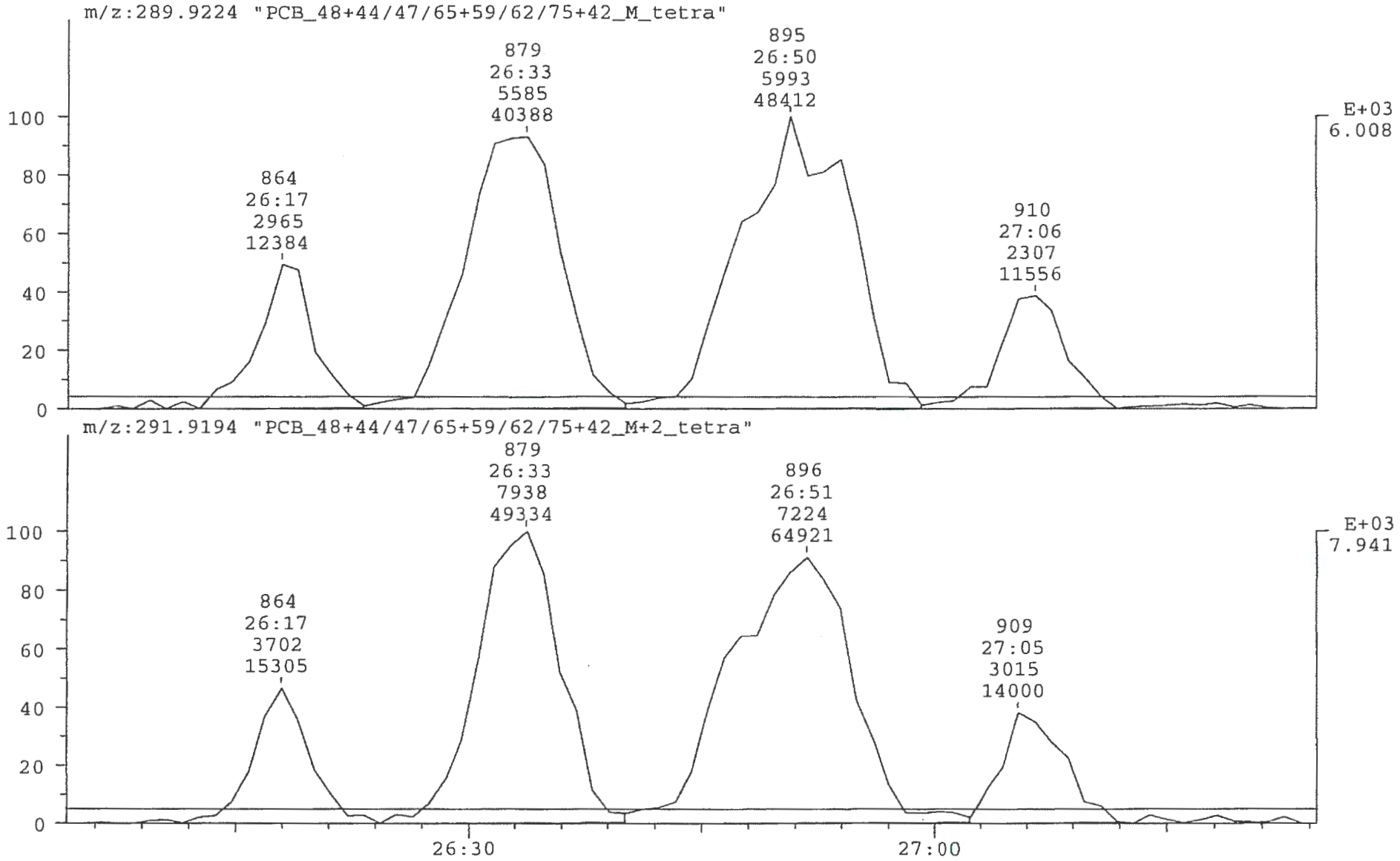
CHRO: a070313i6 13-Mar-07 Elapse: 25:52.5 840
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 807 > 861 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   807 > 861             Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```

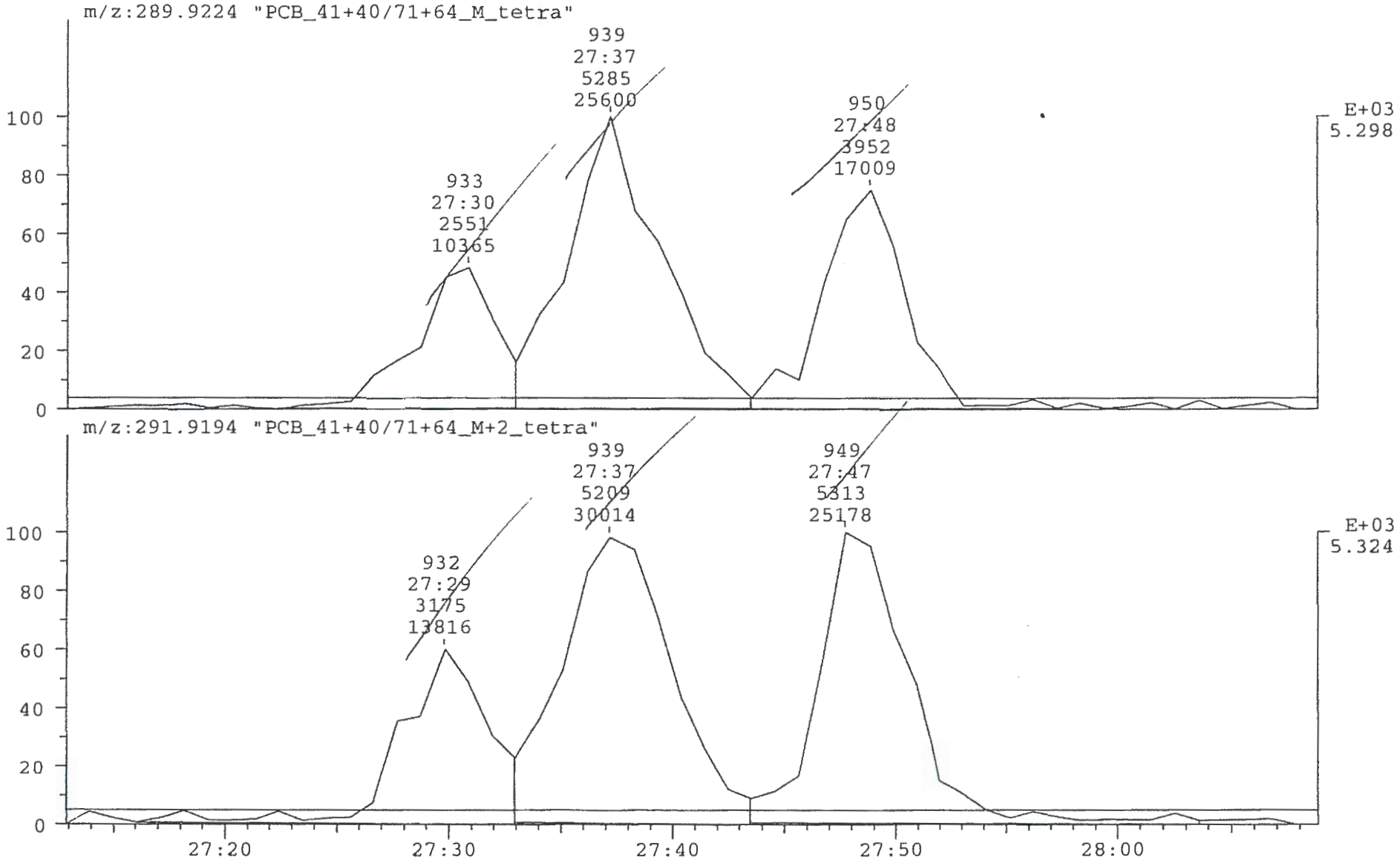


```
CHRO:  a070313i6                                13-Mar-07   Elapse:  26:46.4      891
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```

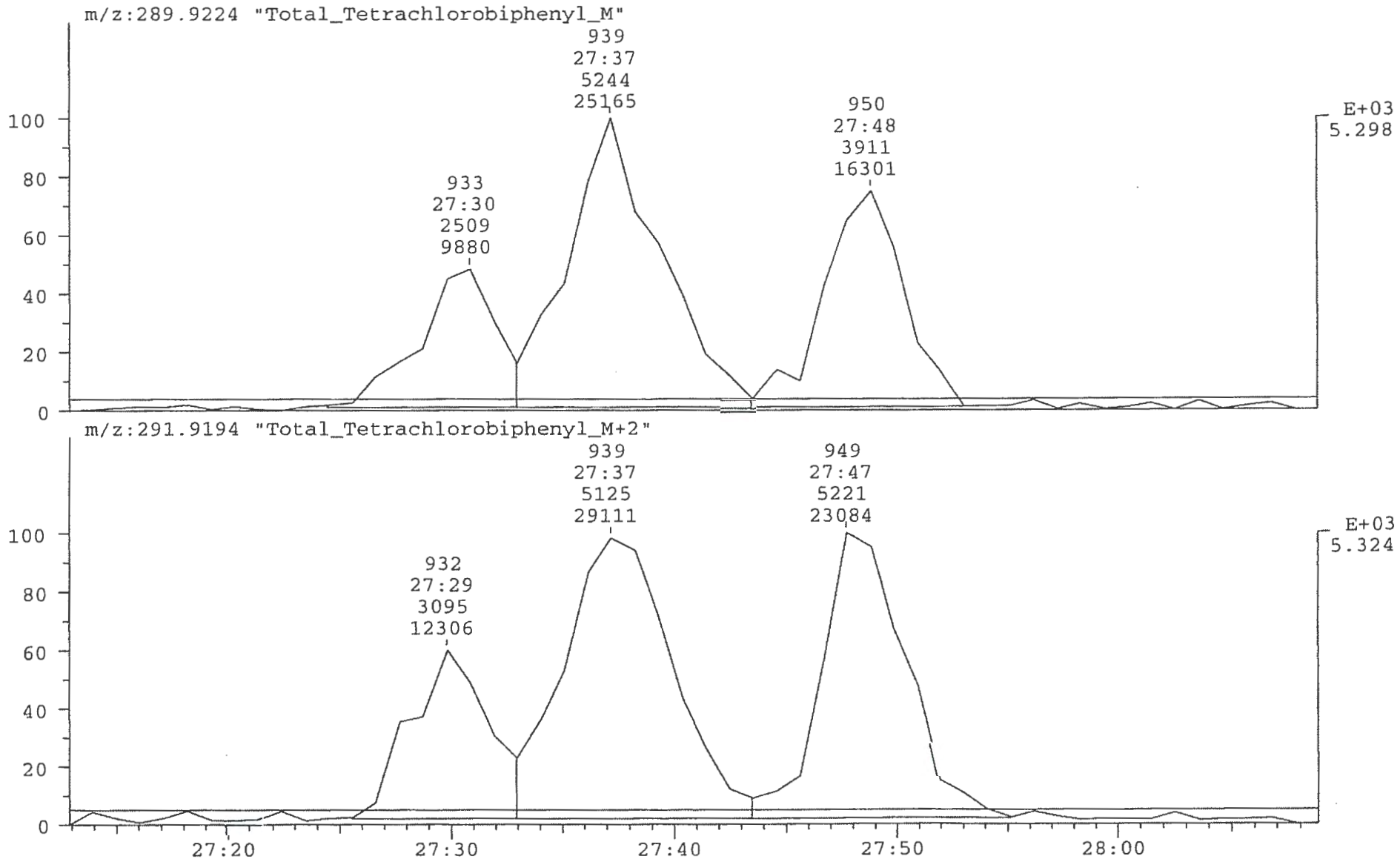


1097

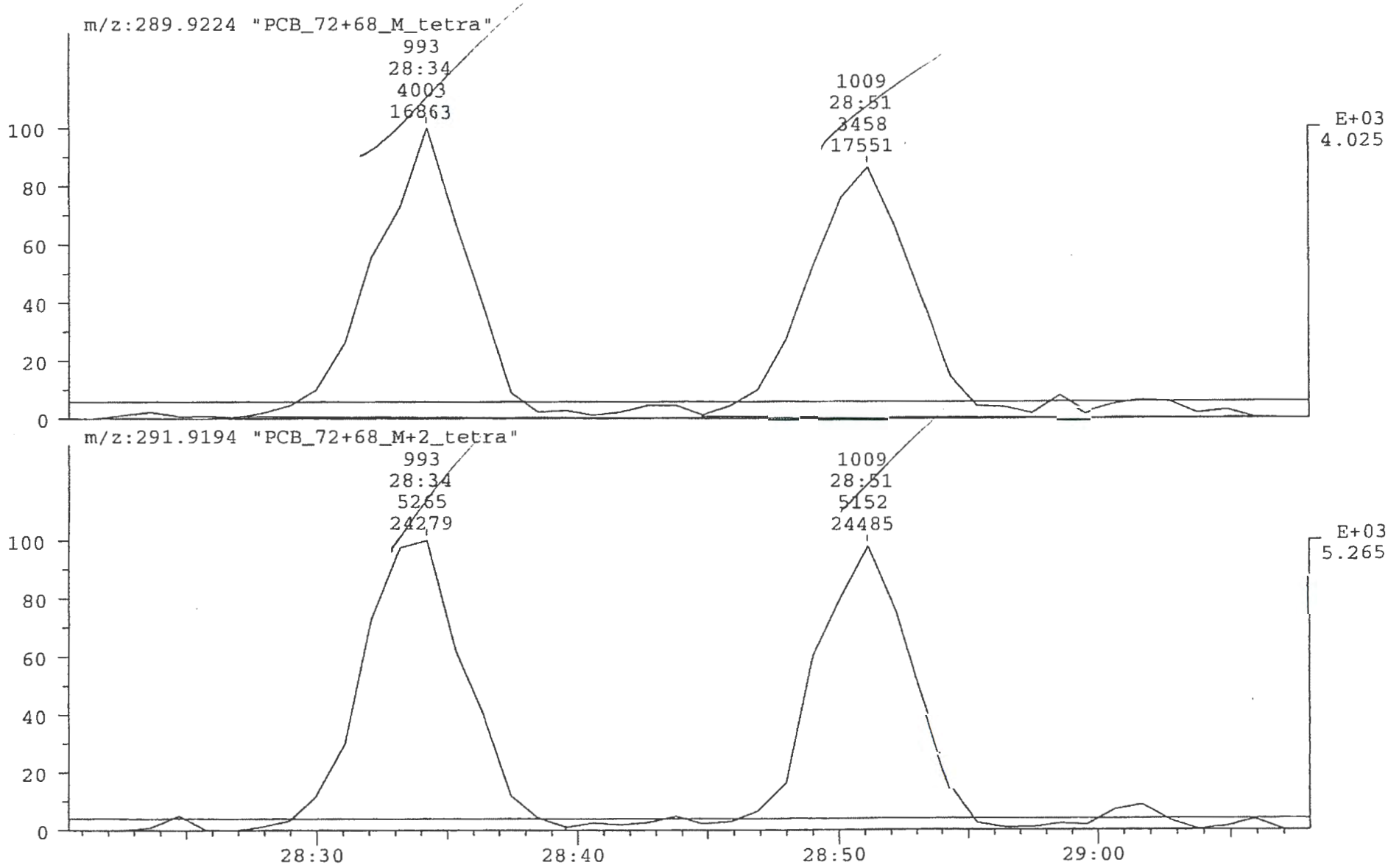
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  27:46.7      948
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37    2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   916 > 969             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   916 > 969             Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

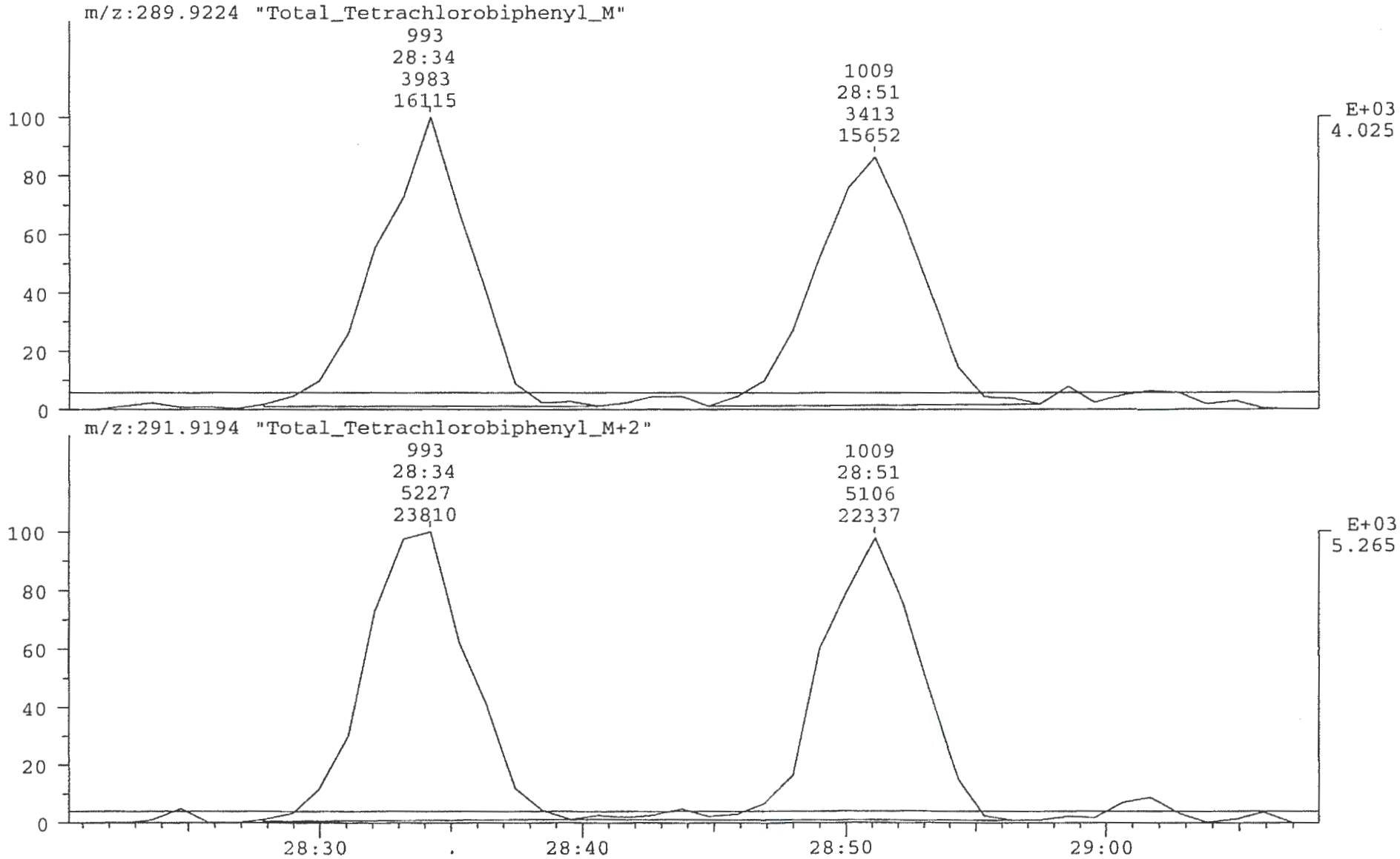


CHRO: a070313i6 13-Mar-07 Elapse: 28:46 1005
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 980 > 1025 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area

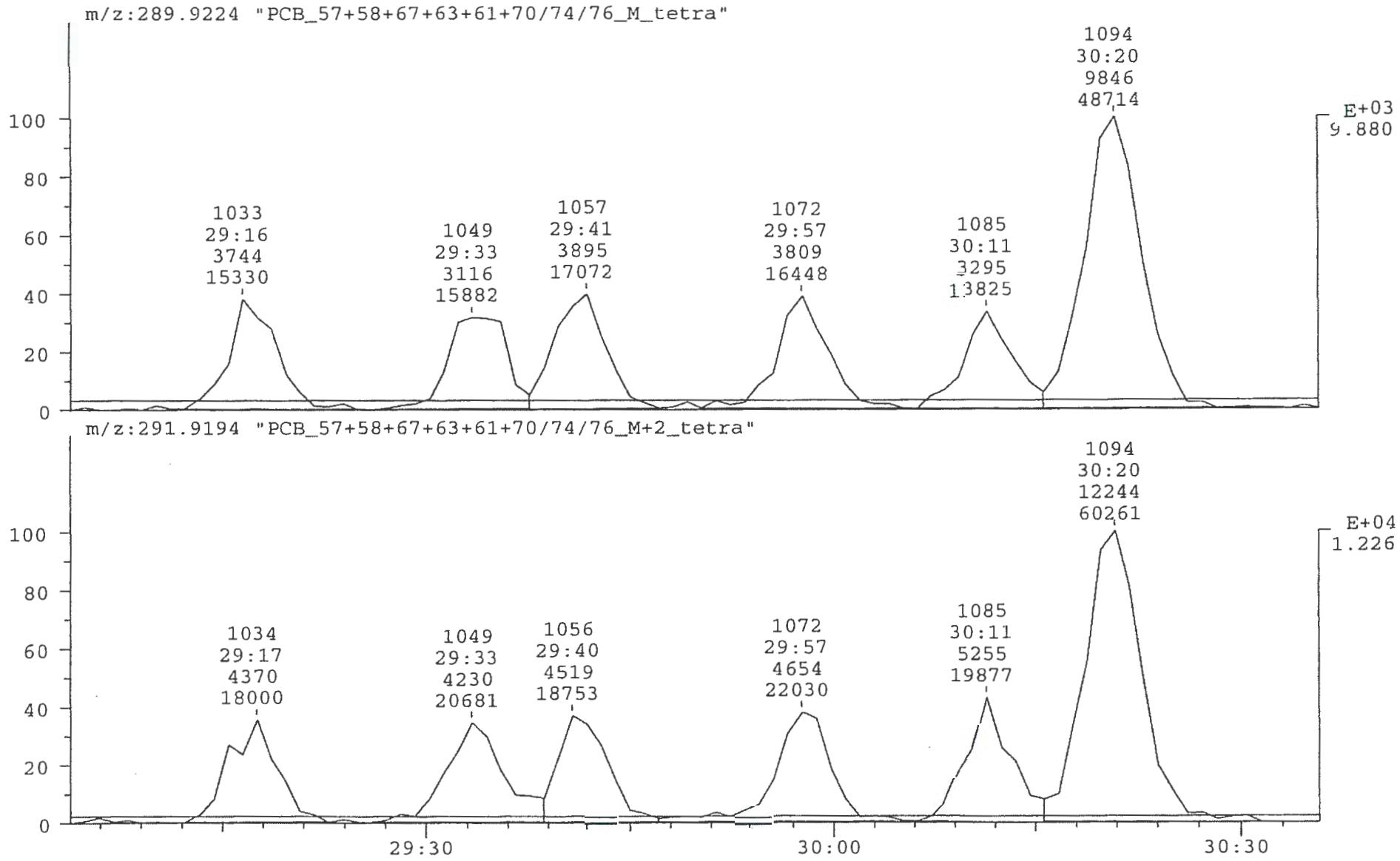


1100

```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   980 > 1025            Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

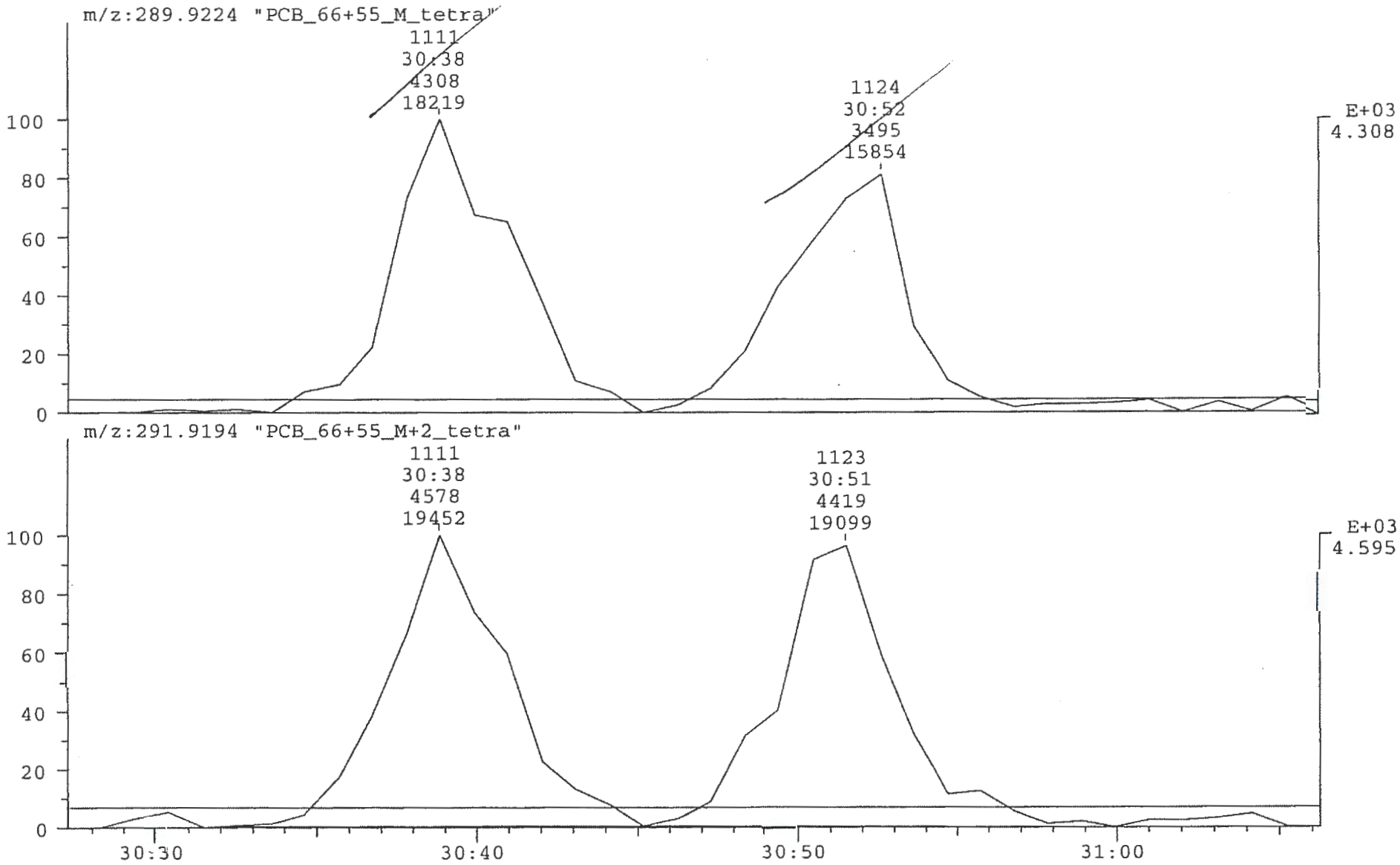


CHRO: a070313i6 13-Mar-07 Elapse: 29:53 1068
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1021 > 1108 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

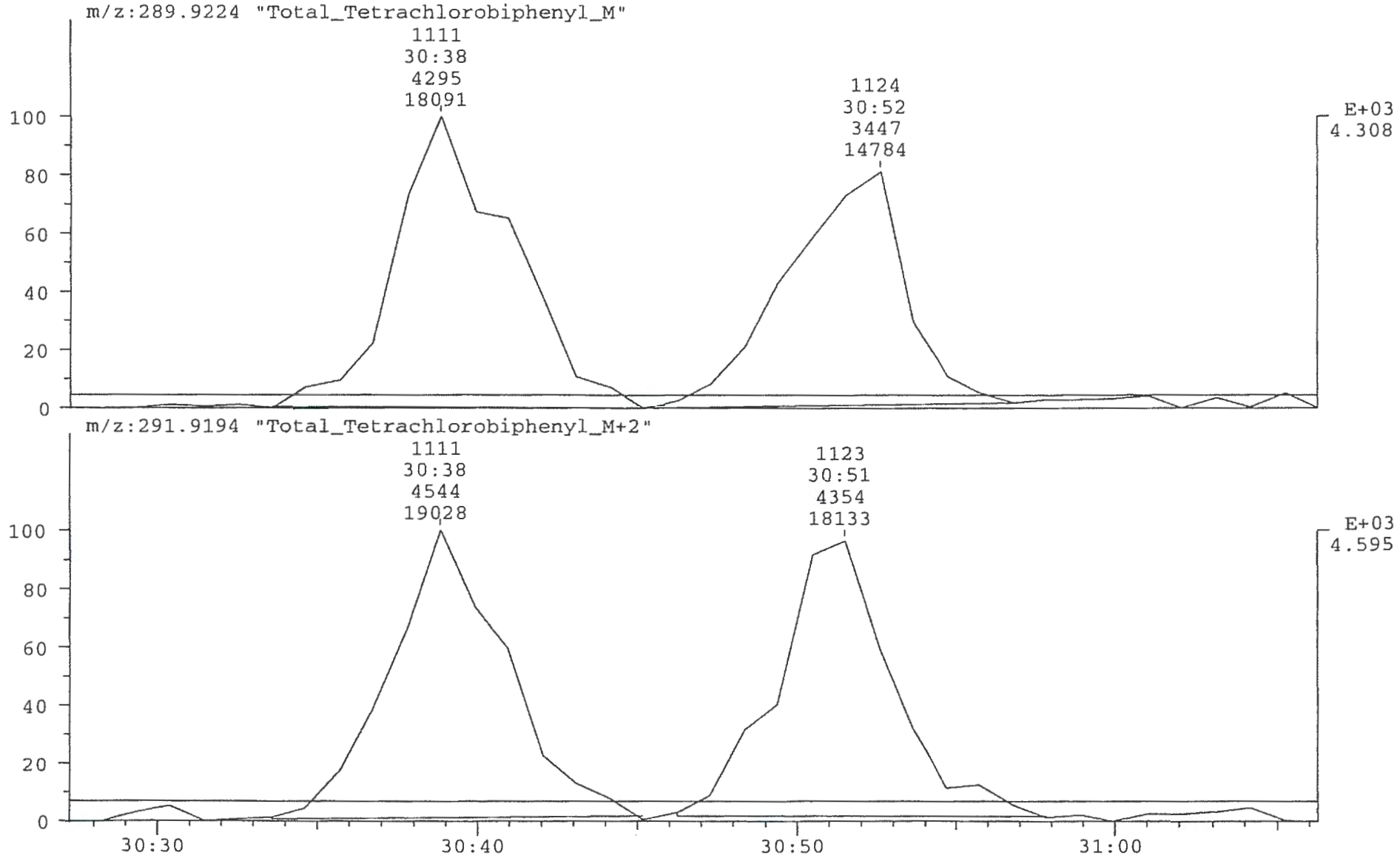


1102

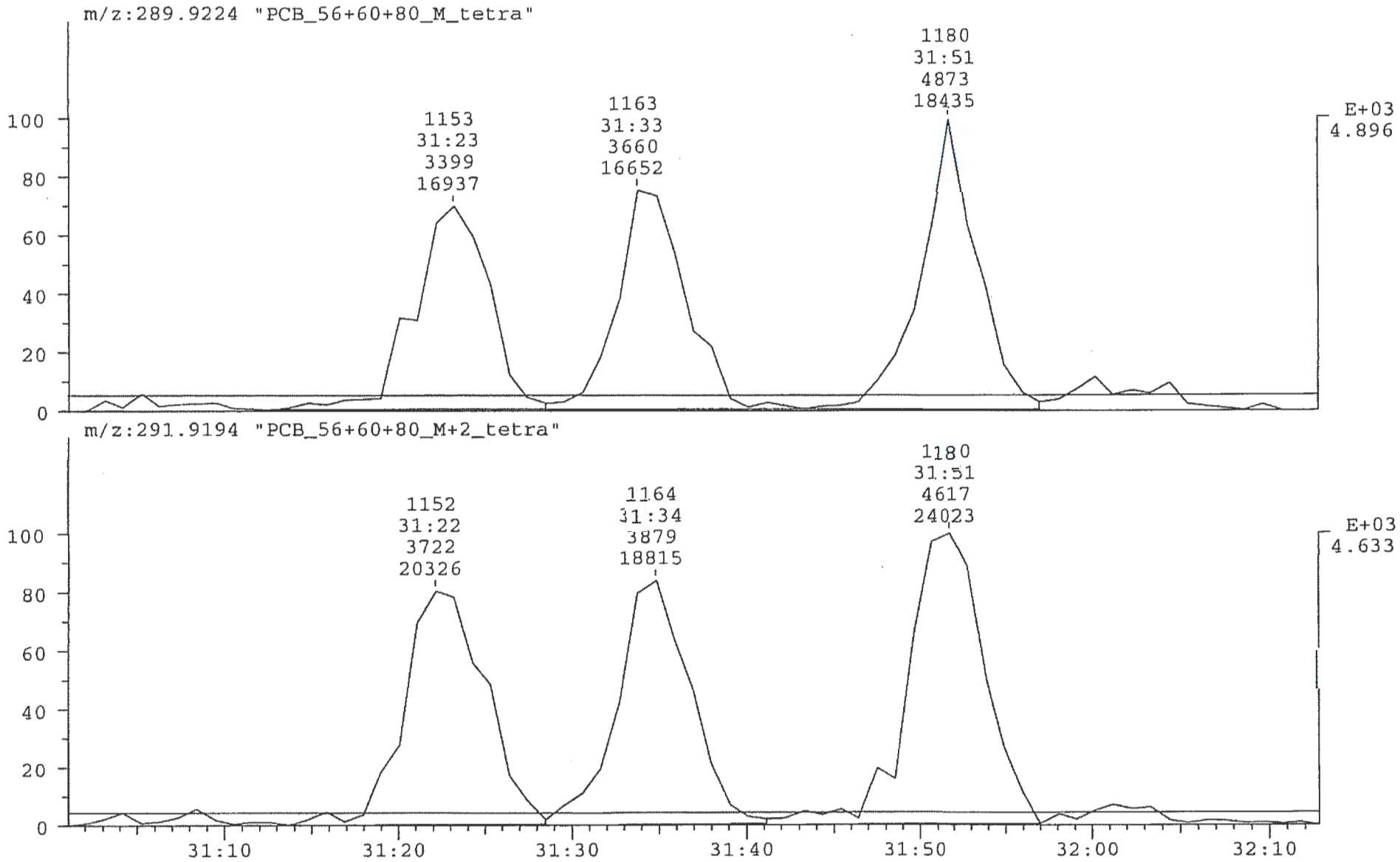
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  30:50      1122
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC'    Vial   3
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
```



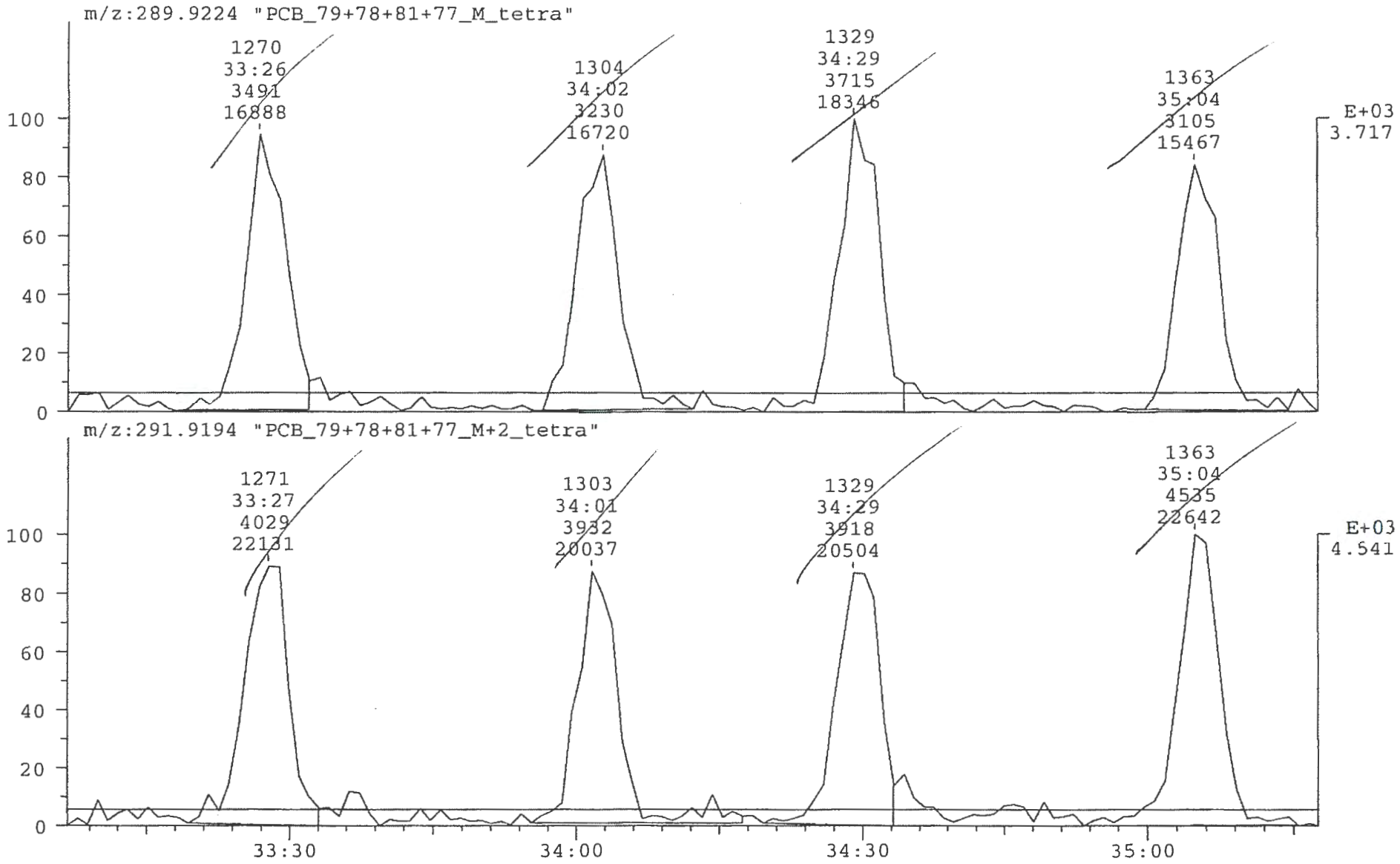
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1100 > 1137           Masses:  181 > 510
Area:  5, 1.40, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



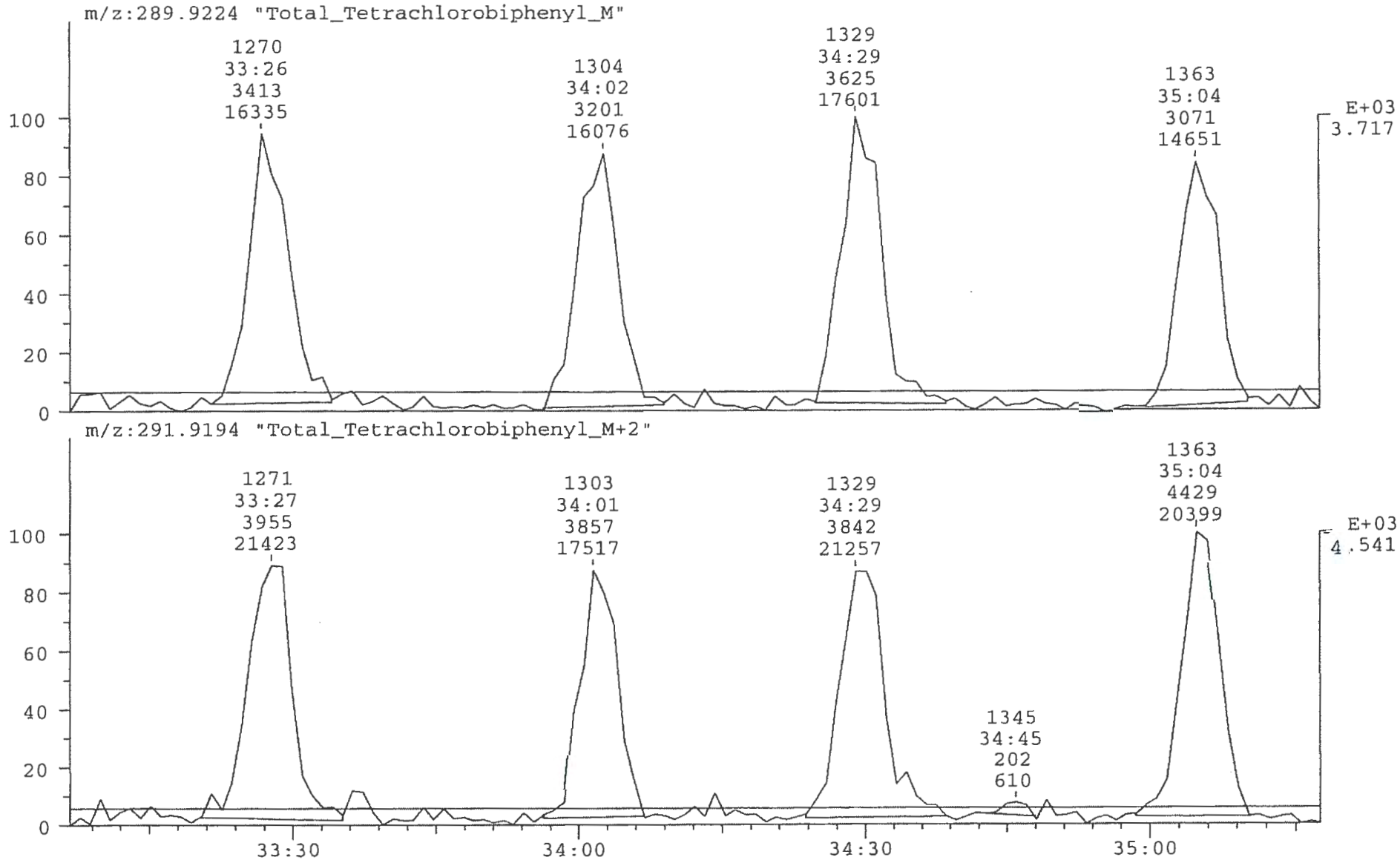
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  31:41      1170
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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:  a070313i6                                13-Mar-07   Elapse:  34:14      1315
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```

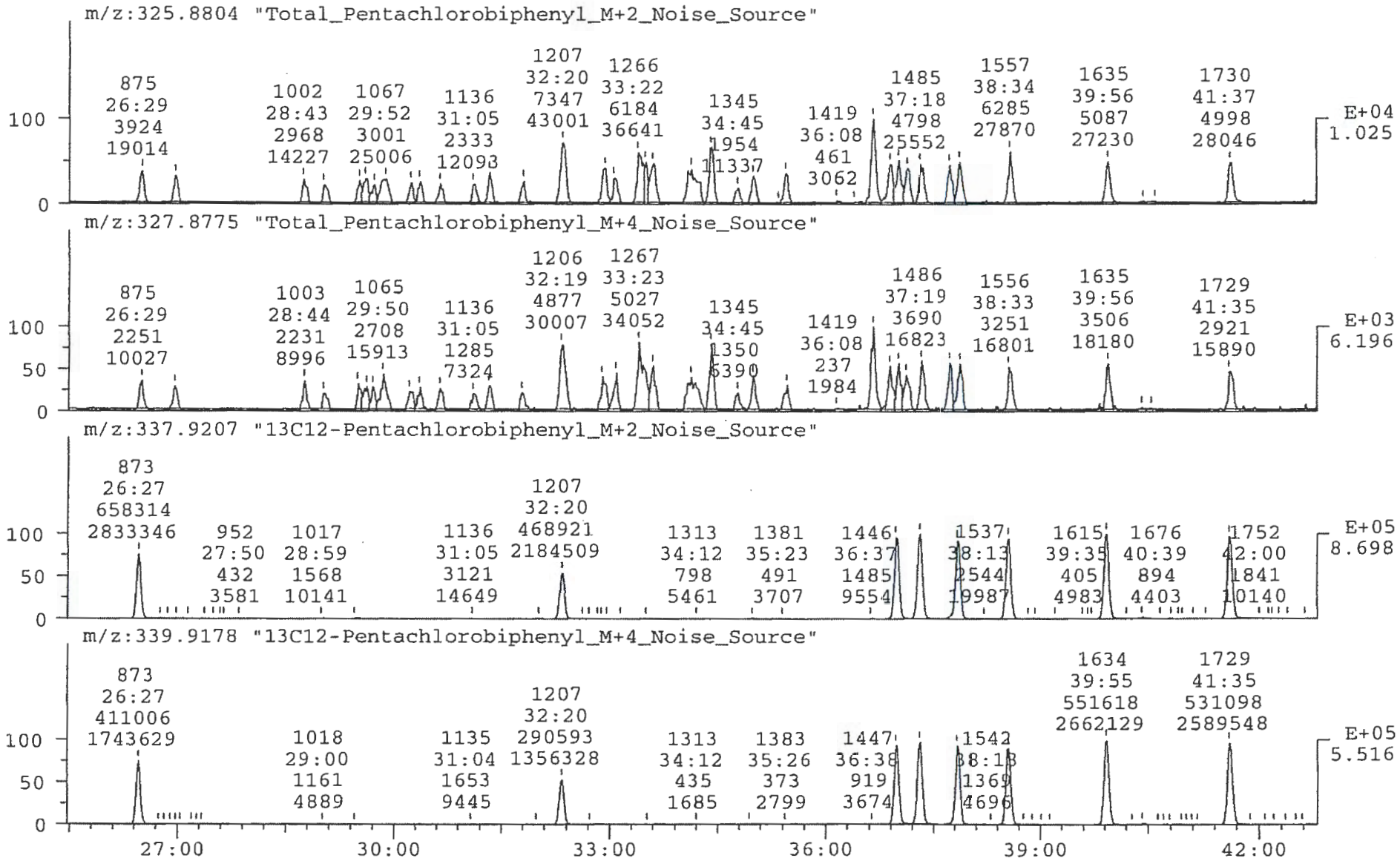


```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1251 > 1375           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

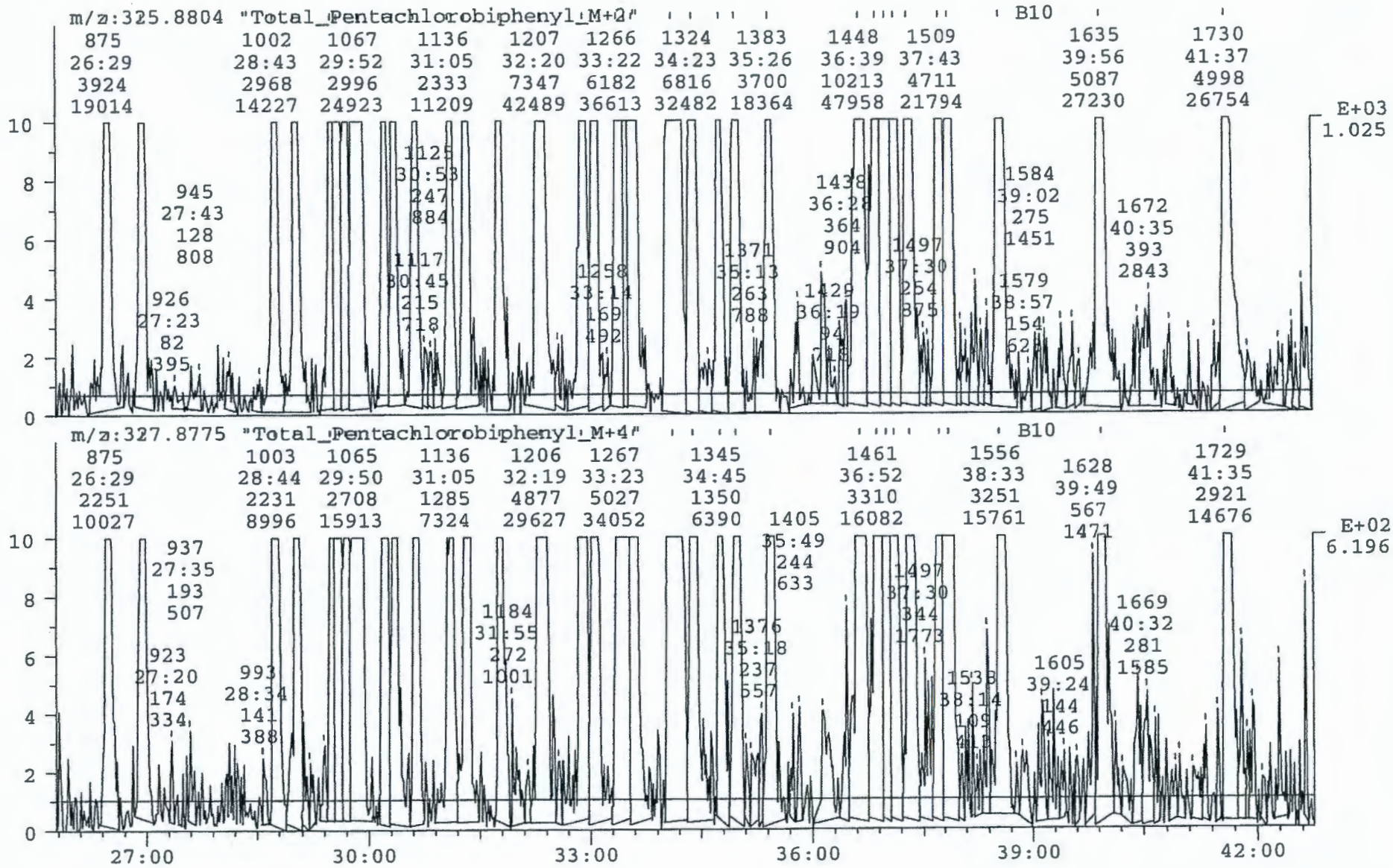


1107

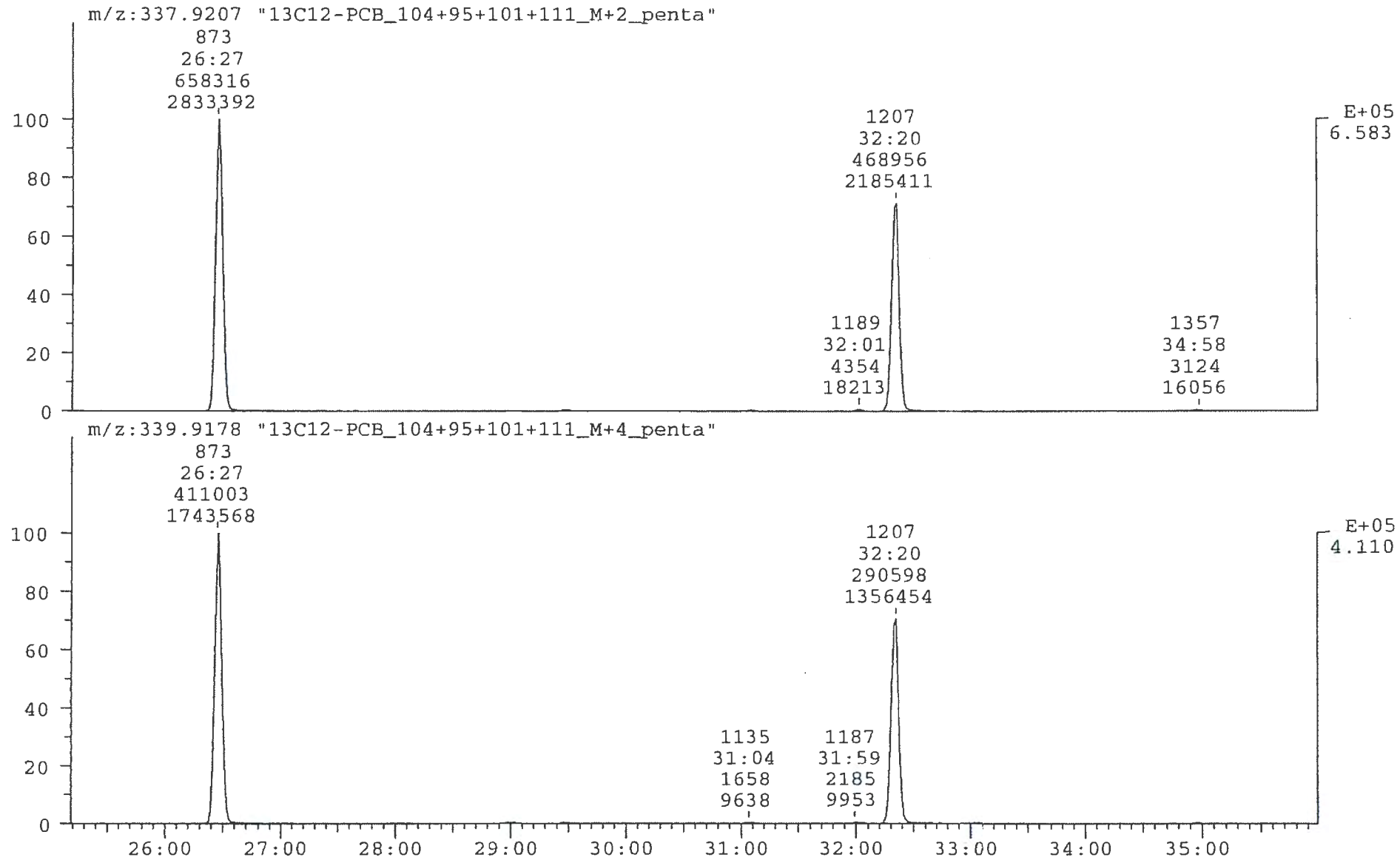
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  34:07      1309
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



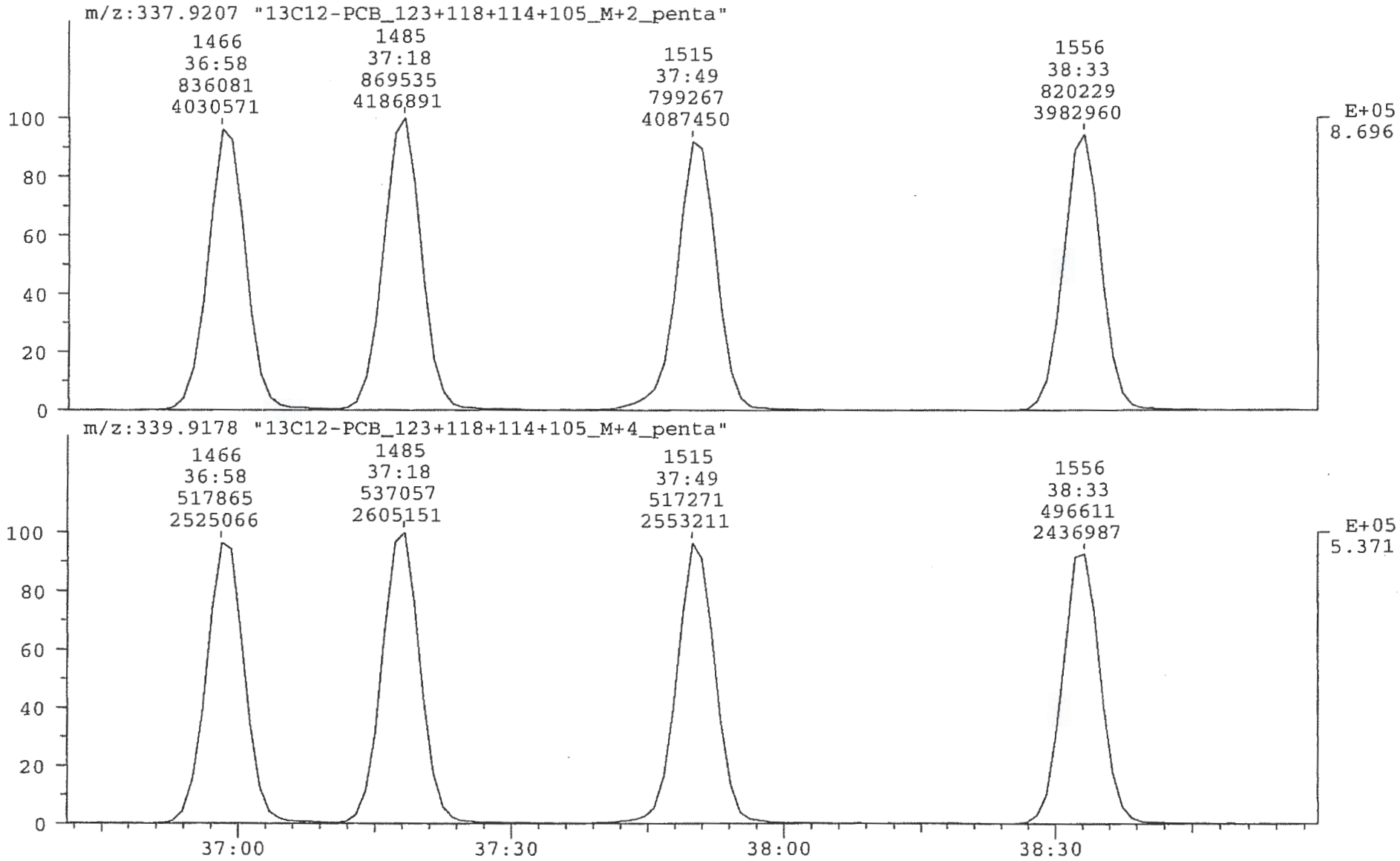
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 834 > 1795 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 1.0
Disp: Height Area



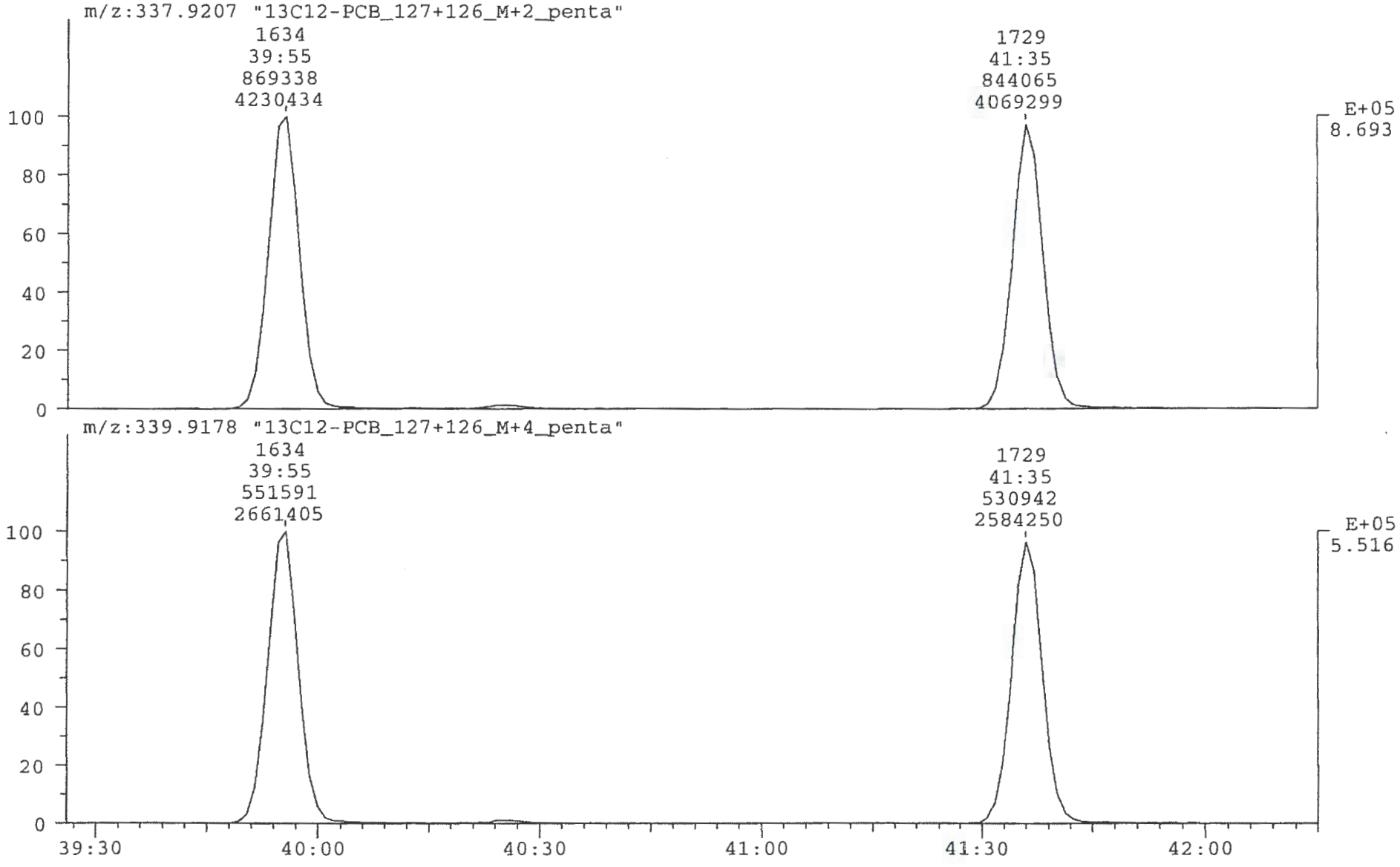
CHRO: a070313i6 13-Mar-07 Elapse: 30:34 1107
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 801 > 1414 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



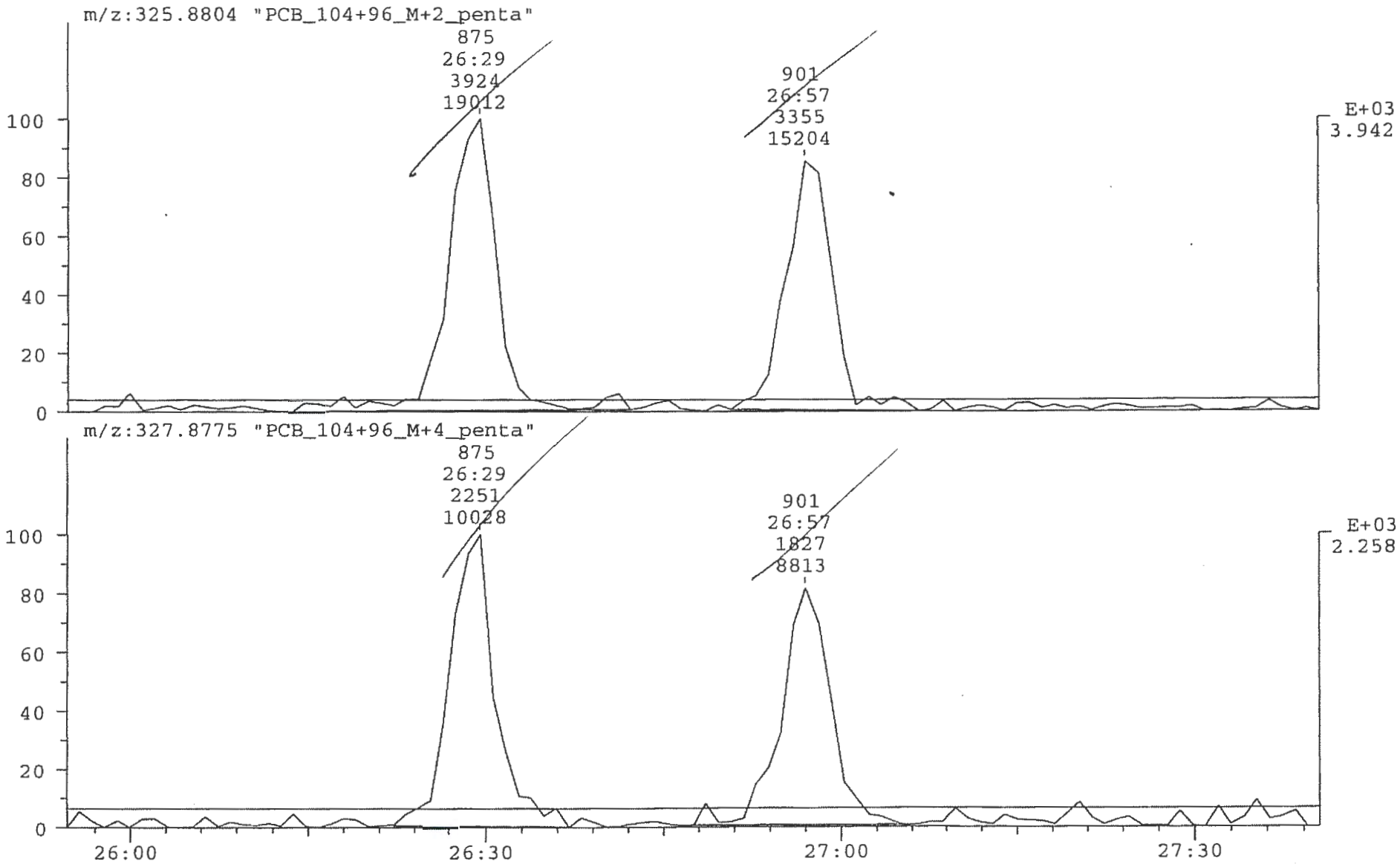
CHRO: a070313i6 13-Mar-07 Elapse: 37:49 1515
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1450 > 1580 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



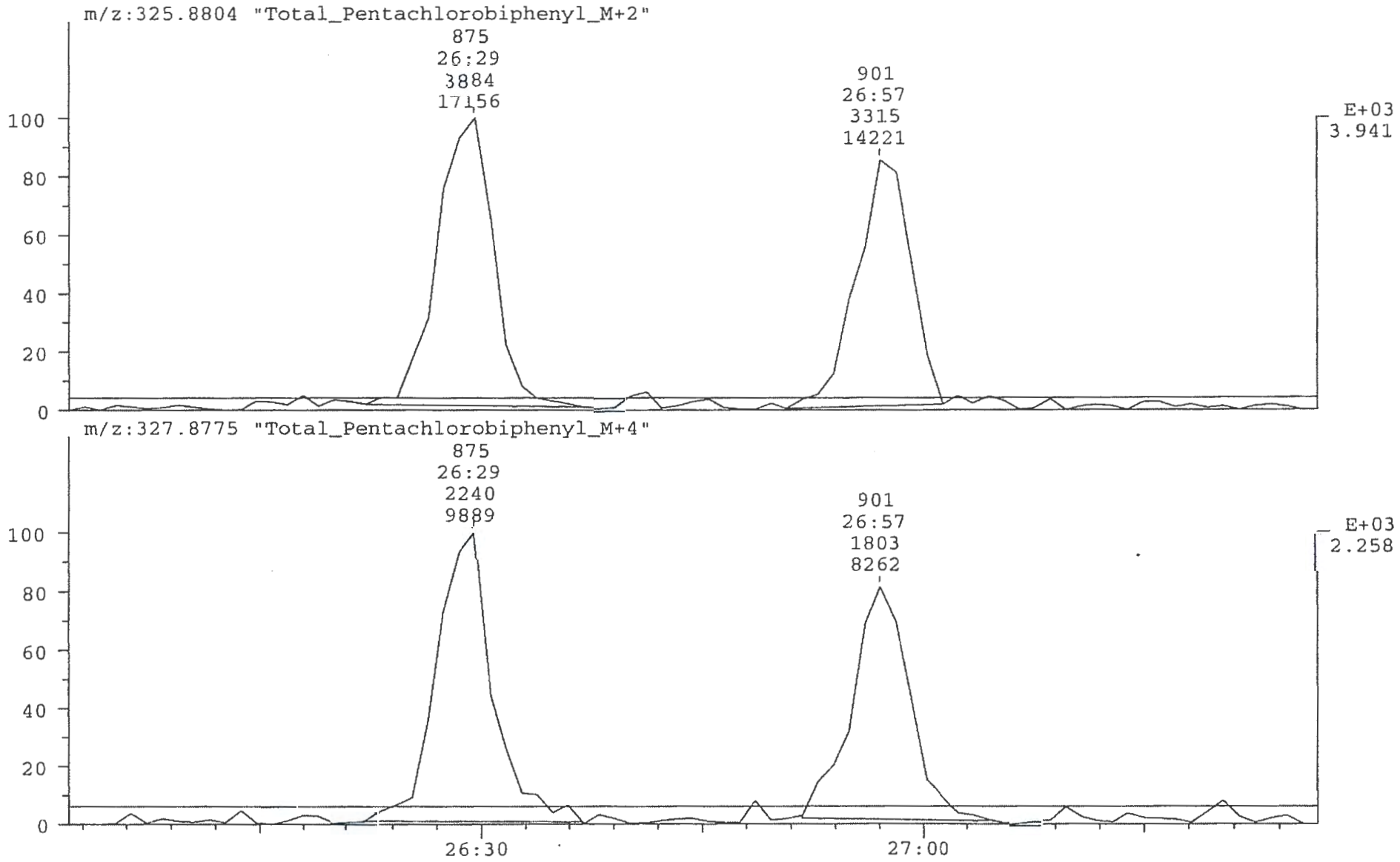
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  40:50      1686
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
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
```



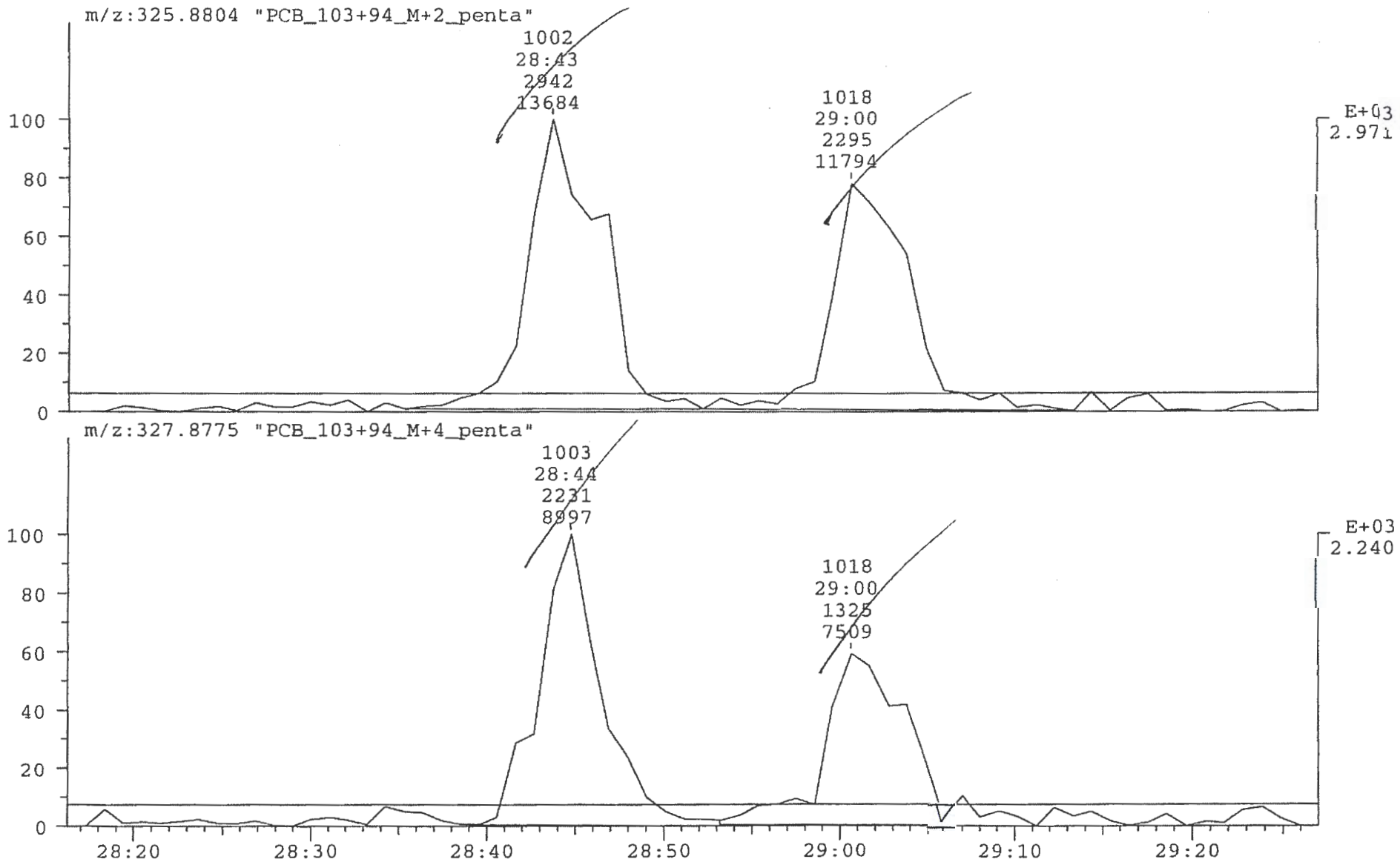
CHRO: a070313i6 13-Mar-07 Elapse: 26:47.5 892
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 842 > 942 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



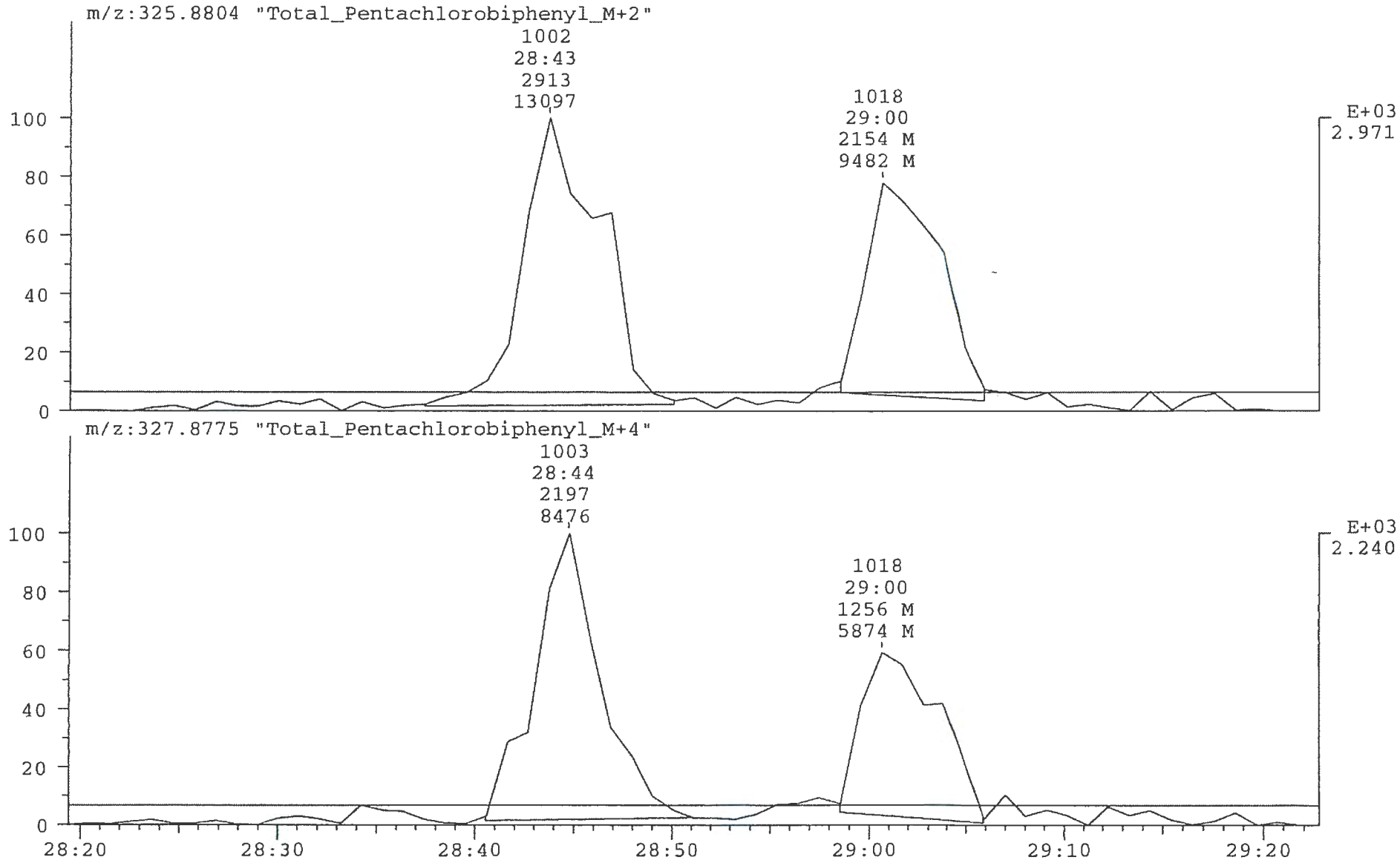
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   849 > 929             Masses:  181 > 510
Area:  5, 1.40, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



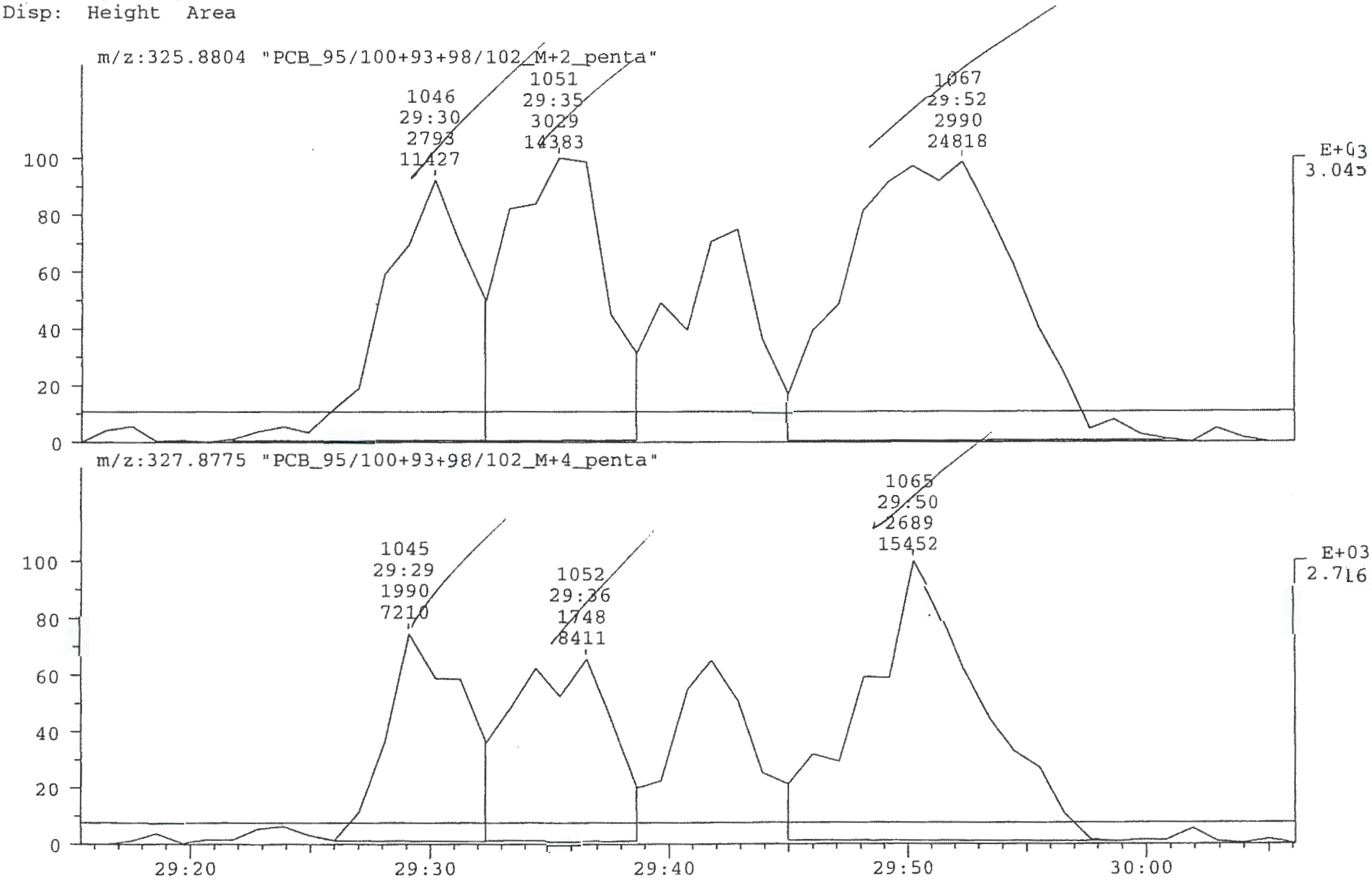
CHRO: a070313i6 13-Mar-07 Elapse: 28:58 1016
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 976 > 1043 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



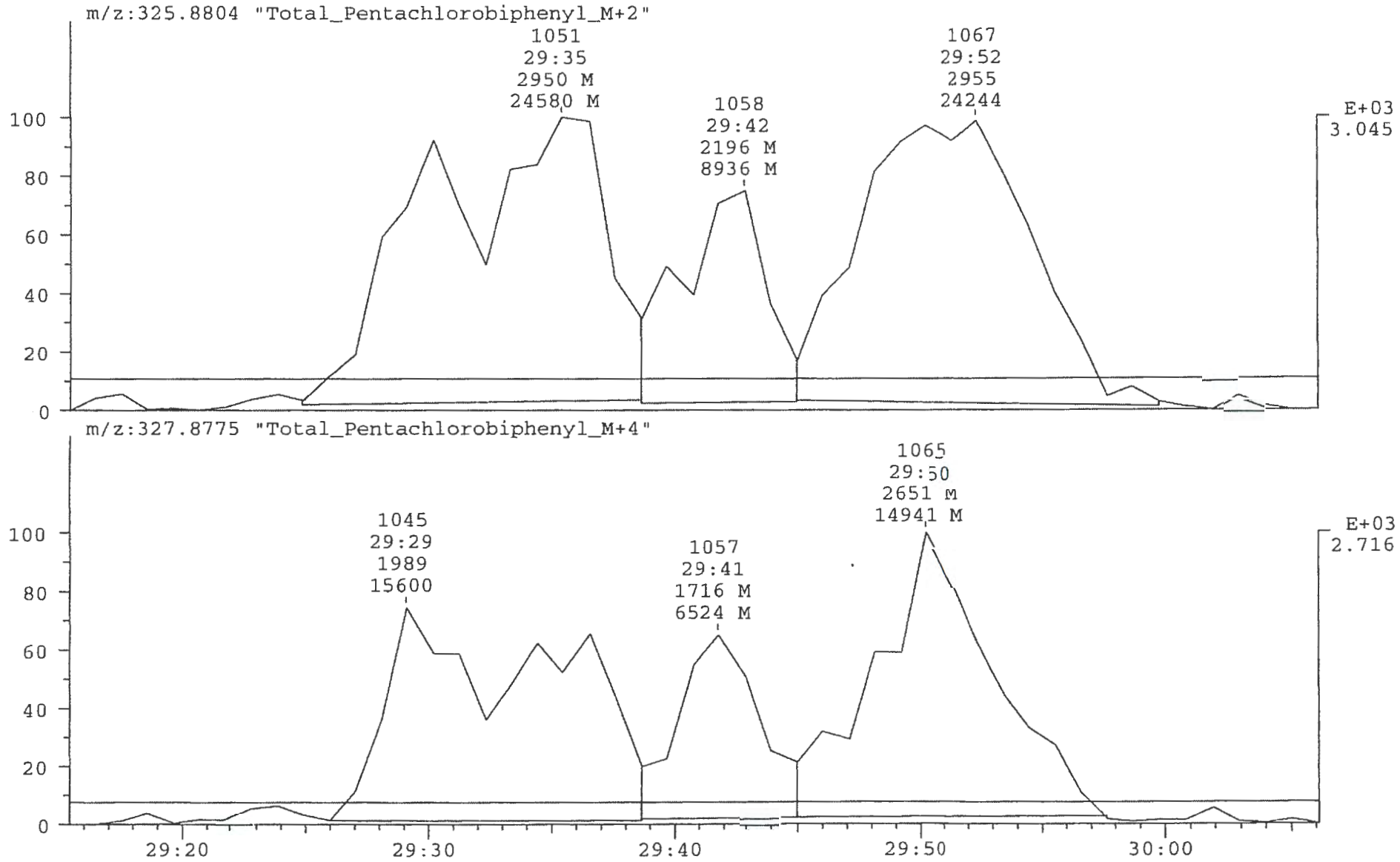
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   979 > 1039           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



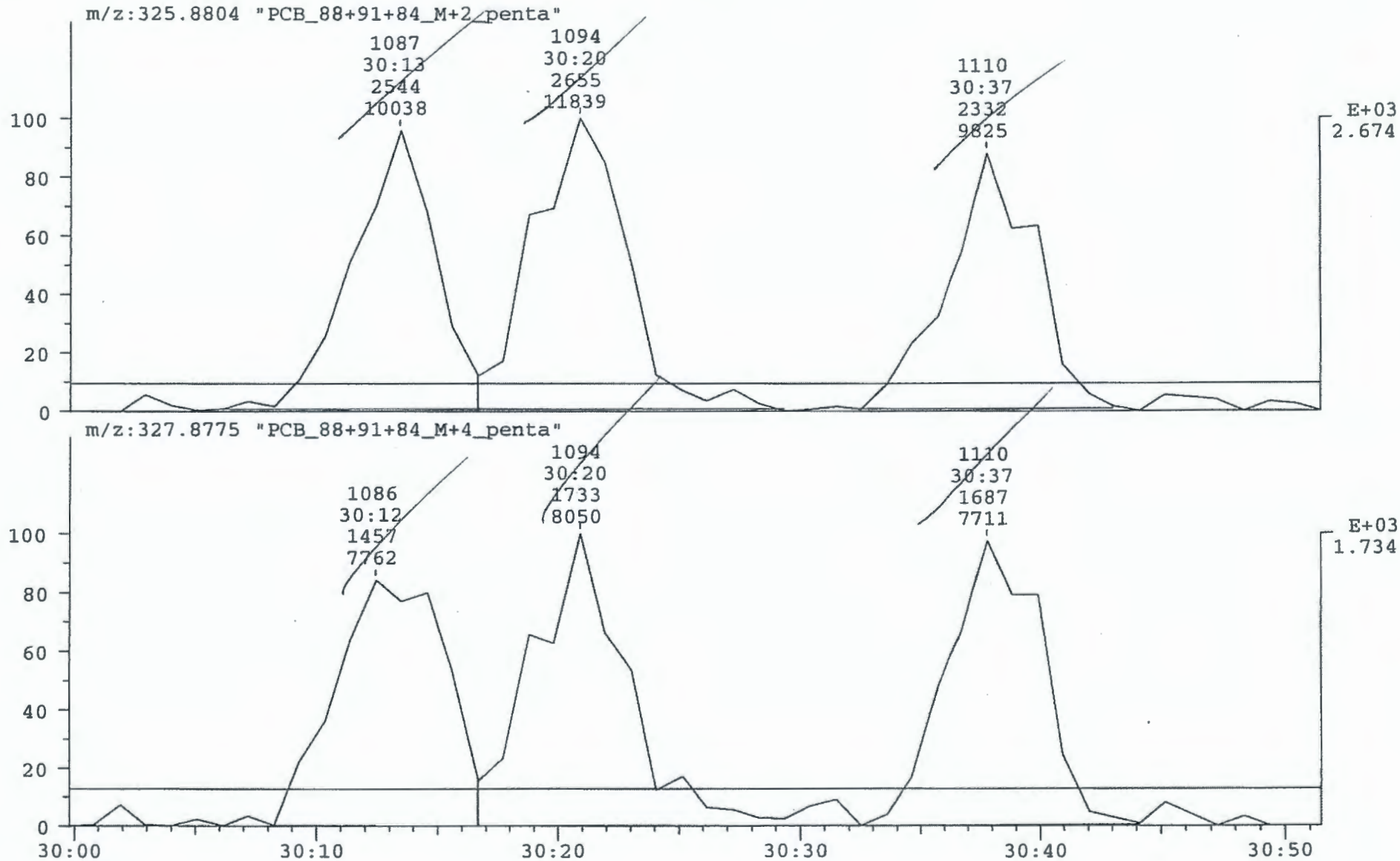
CHRO: a070313i6 13-Mar-07 Elapse: 29:43 1059
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1032 > 1080 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 4 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1032 > 1080 Masses: 181 > 510
Area: 5, 1.00, 15 Baseline : 100, 7 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i6 13-Mar-07 Elapse: 30:30 1103
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
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



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CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   1074 > 1123           Masses:  181 > 510
Area:  5, 1.20, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```
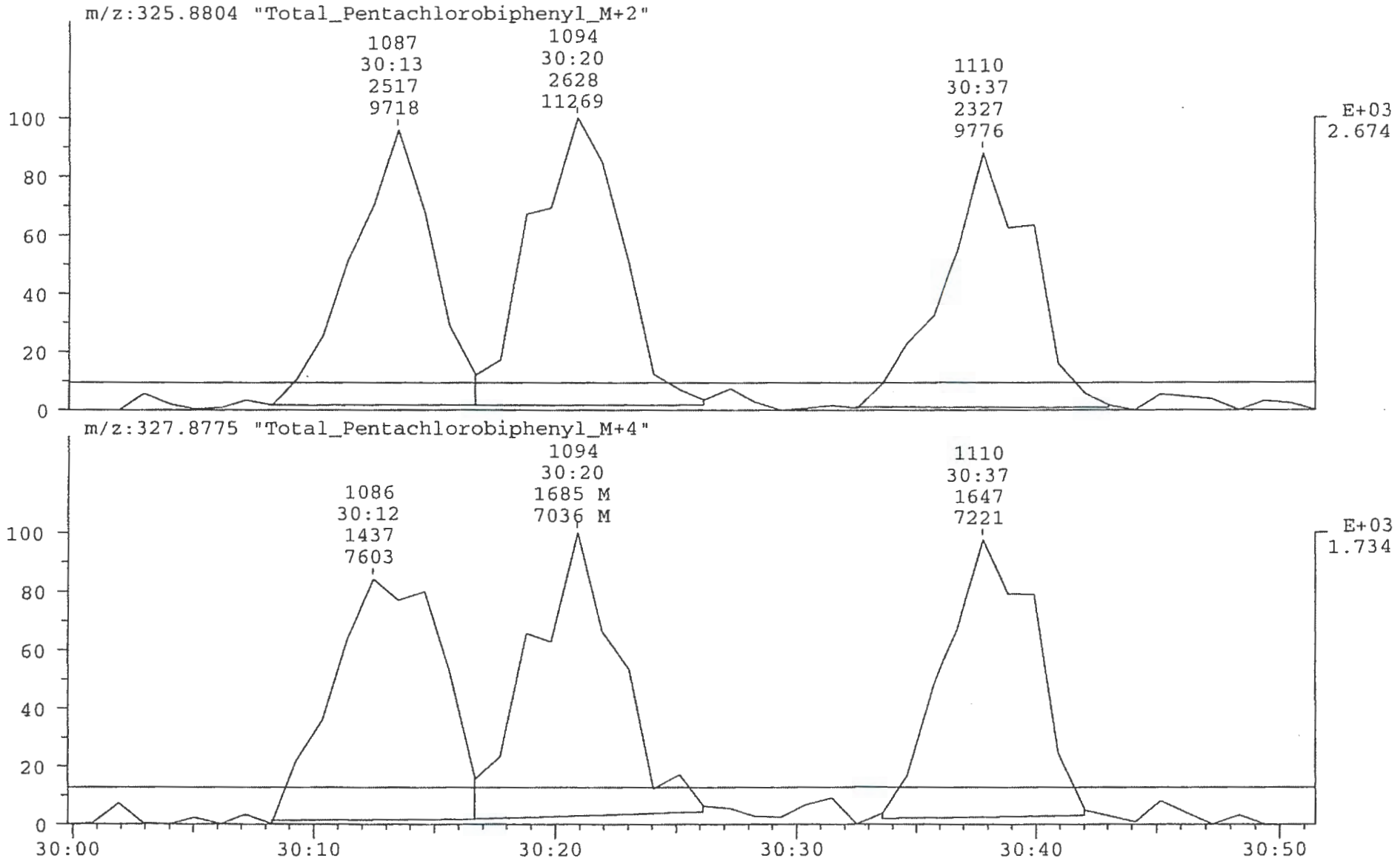
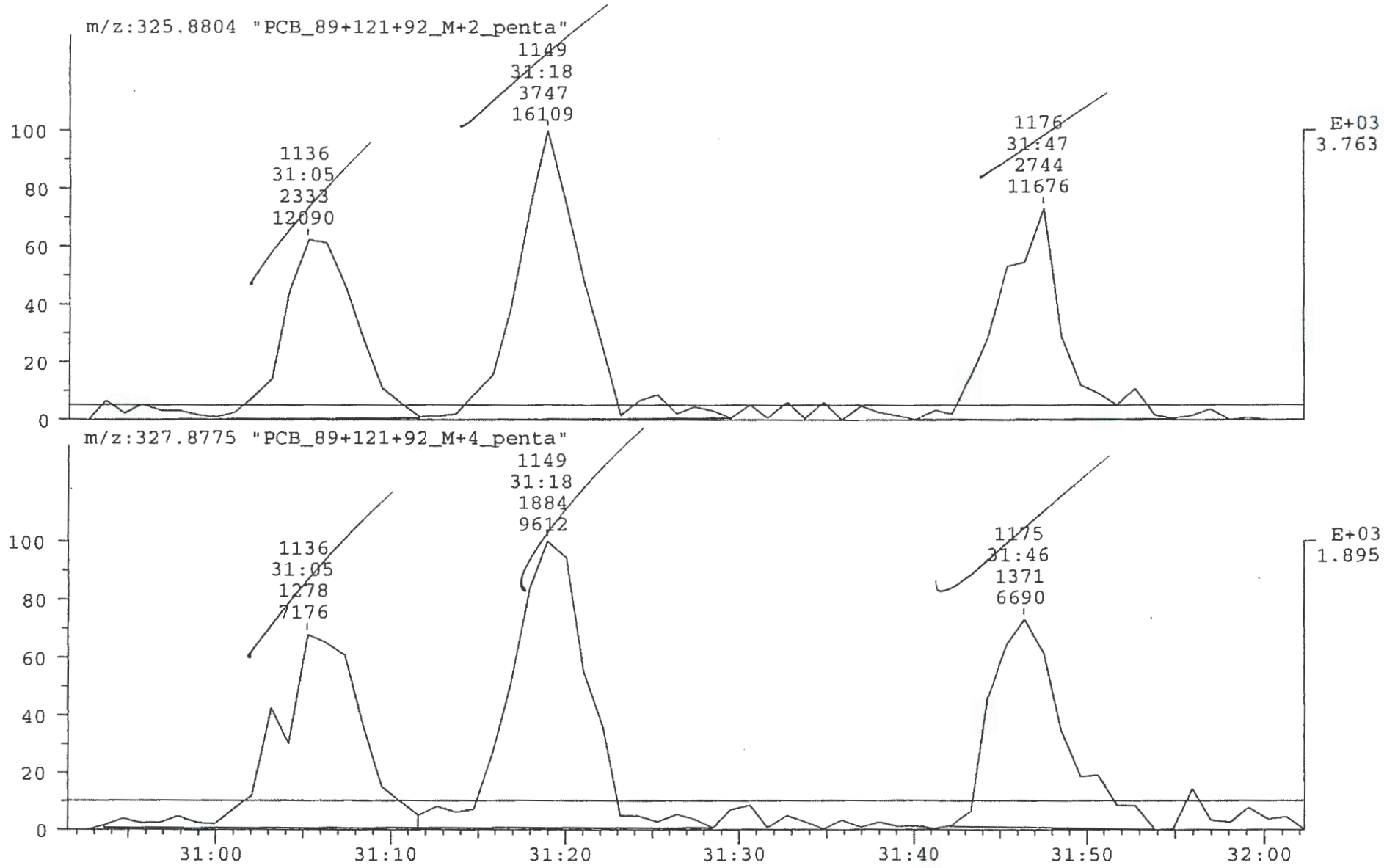
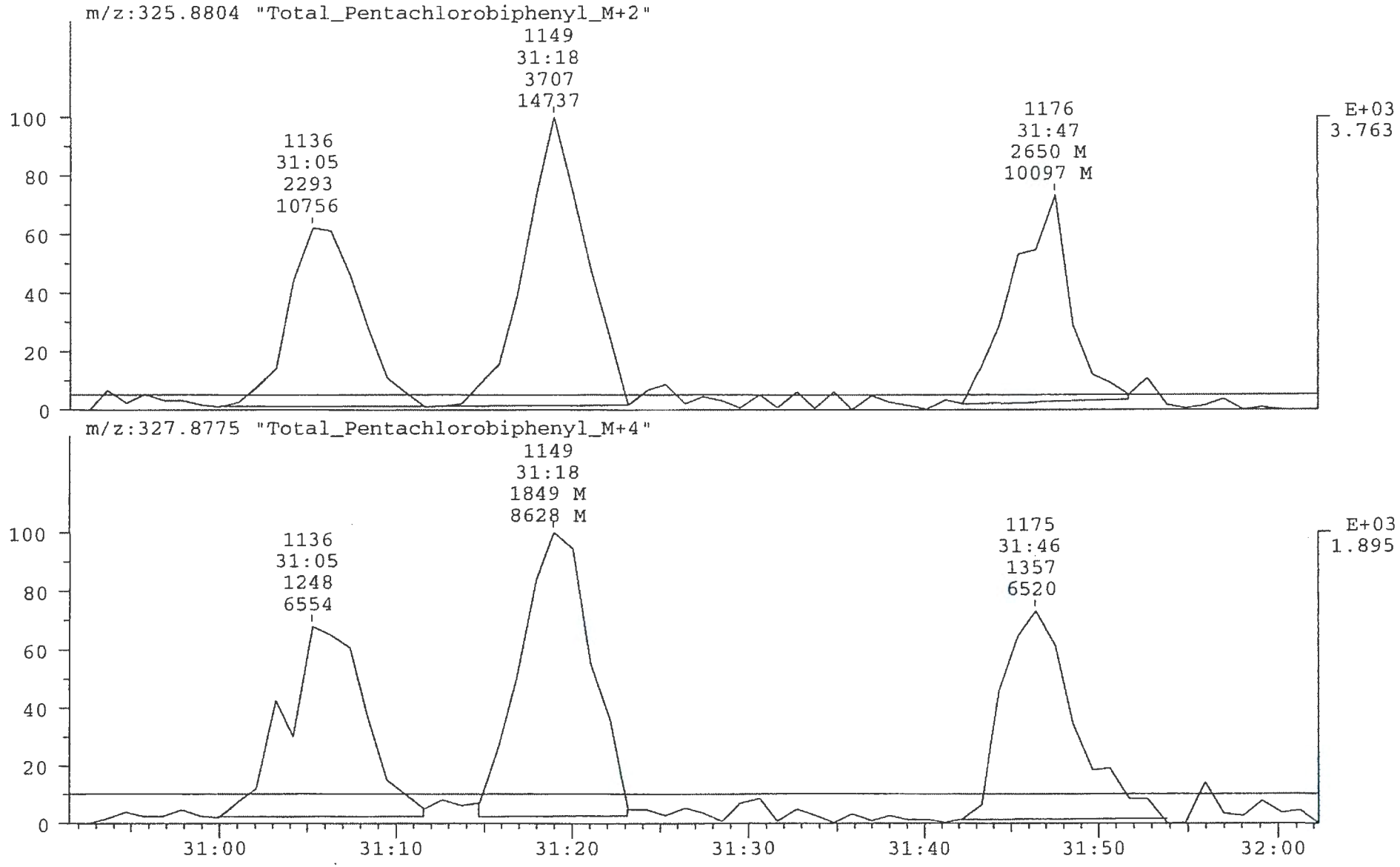



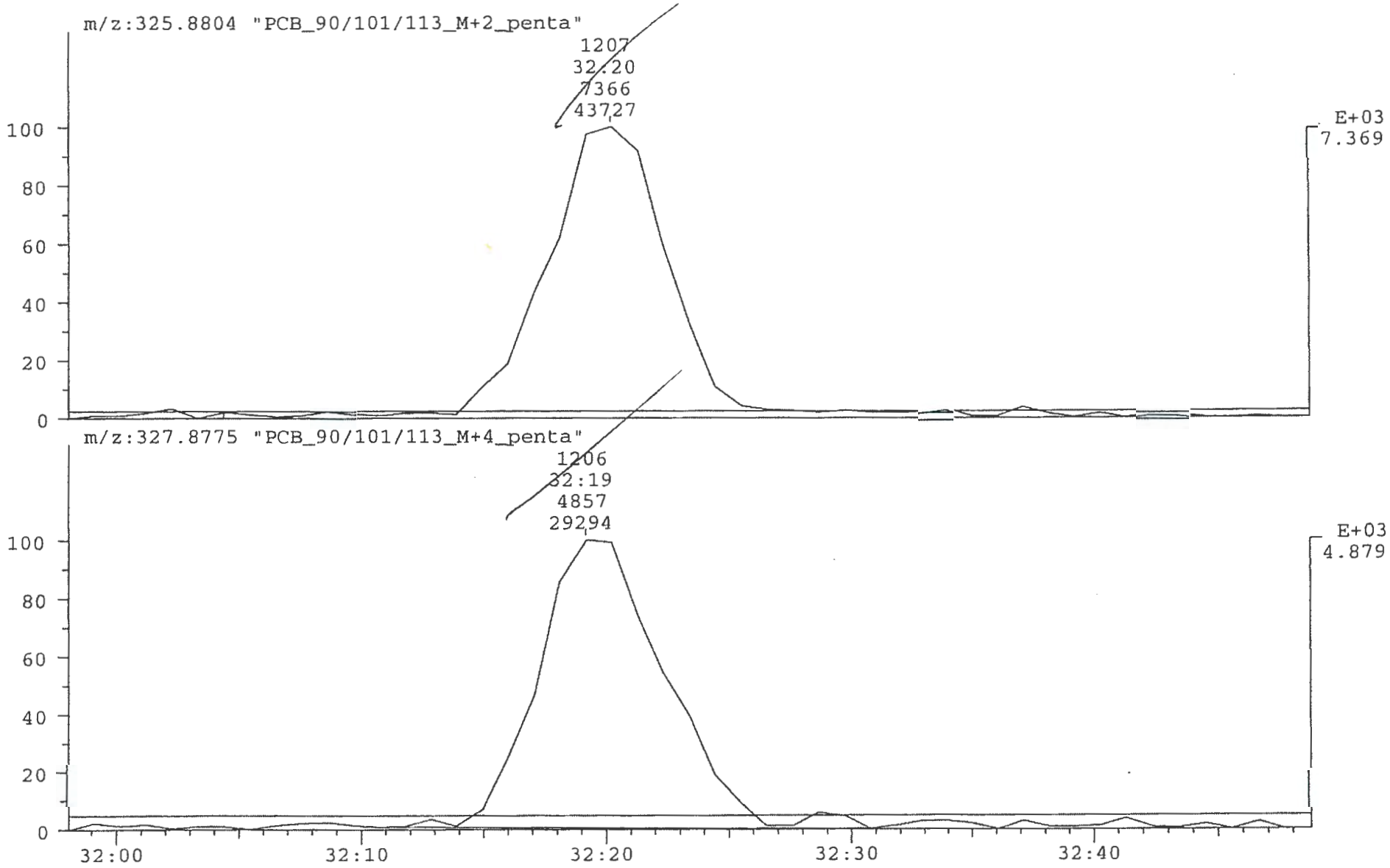
CHRO: a070313i6 13-Mar-07 Elapse: 31:30 1160
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1123 > 1190 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i6                              13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1              Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1123 > 1190         Masses:  181 > 510
Area:  5, 1.20, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```

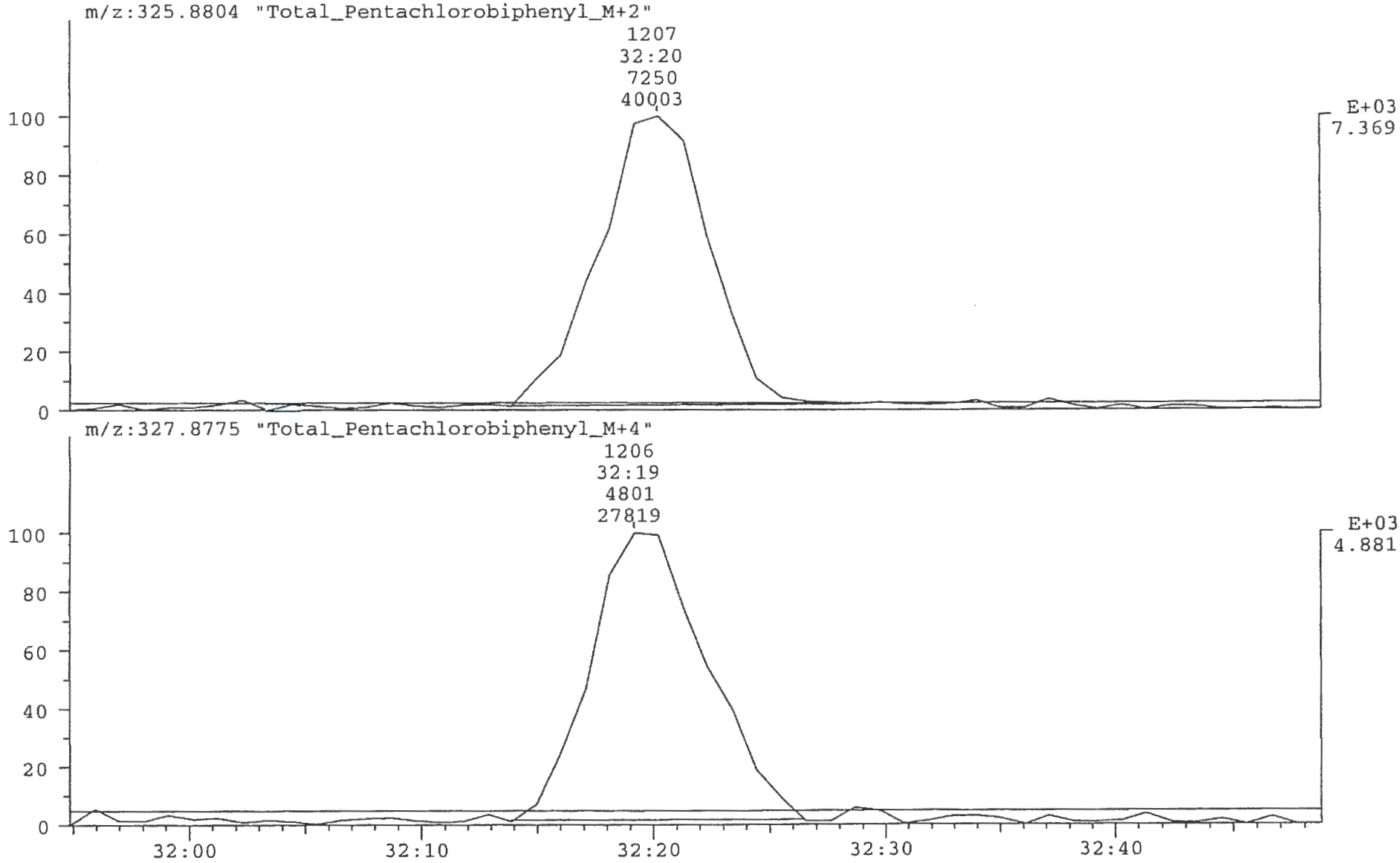


```
CHRO:  a070313i6                                13-Mar-07   Elapse:  32:22      1209
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
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
```

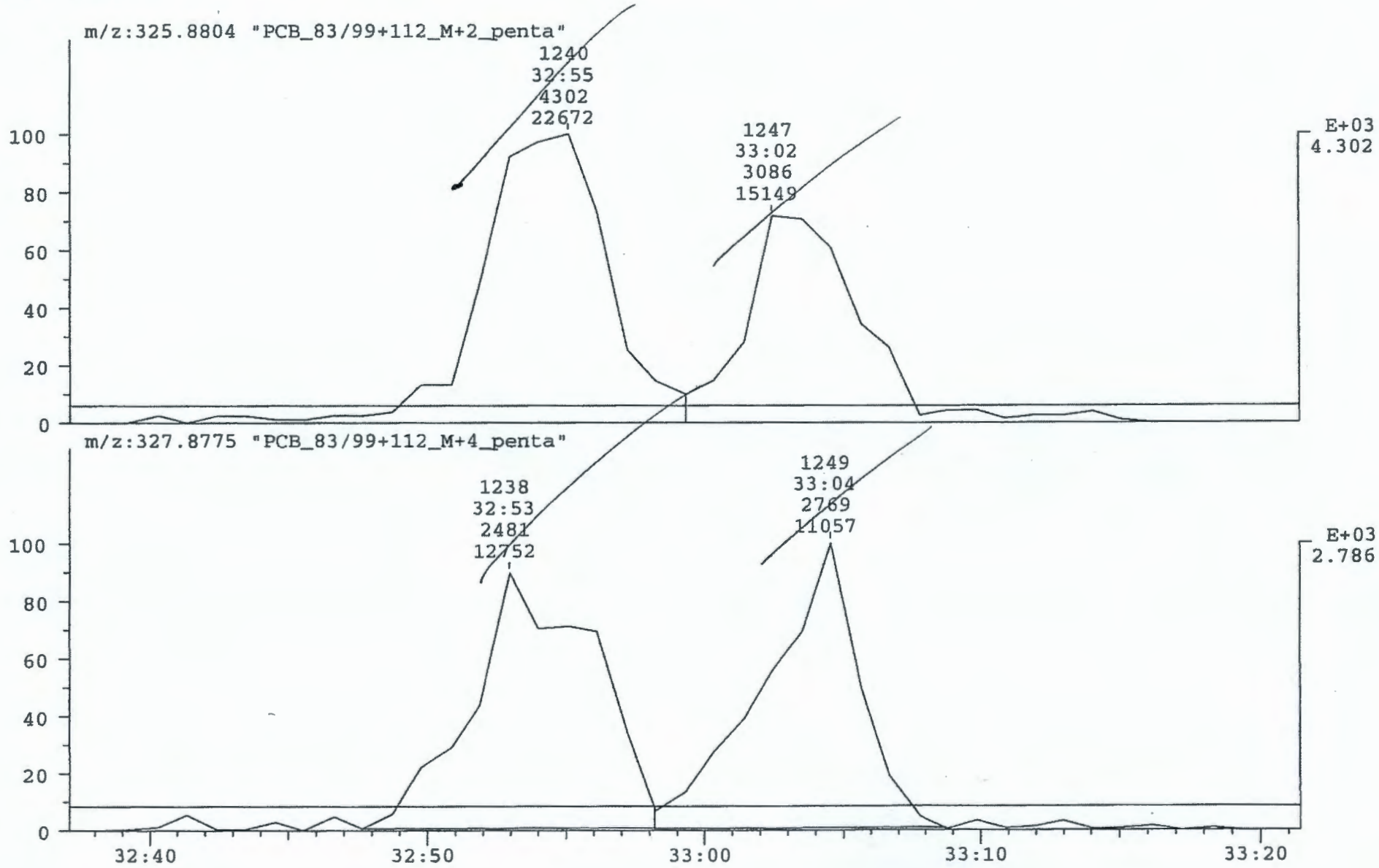


1123

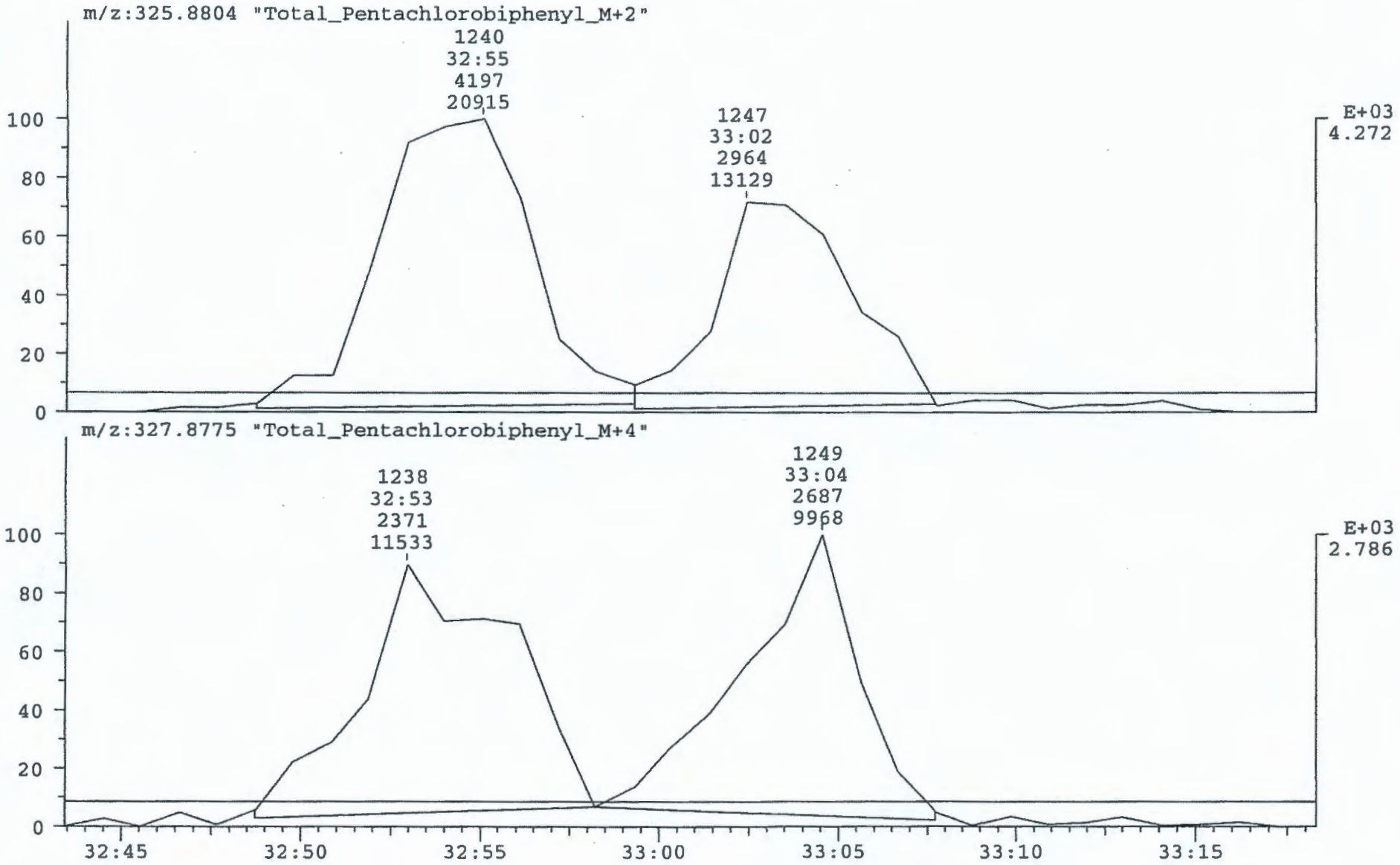
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1183 > 1234          Masses:  181 > 510
Area:  5, 3.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



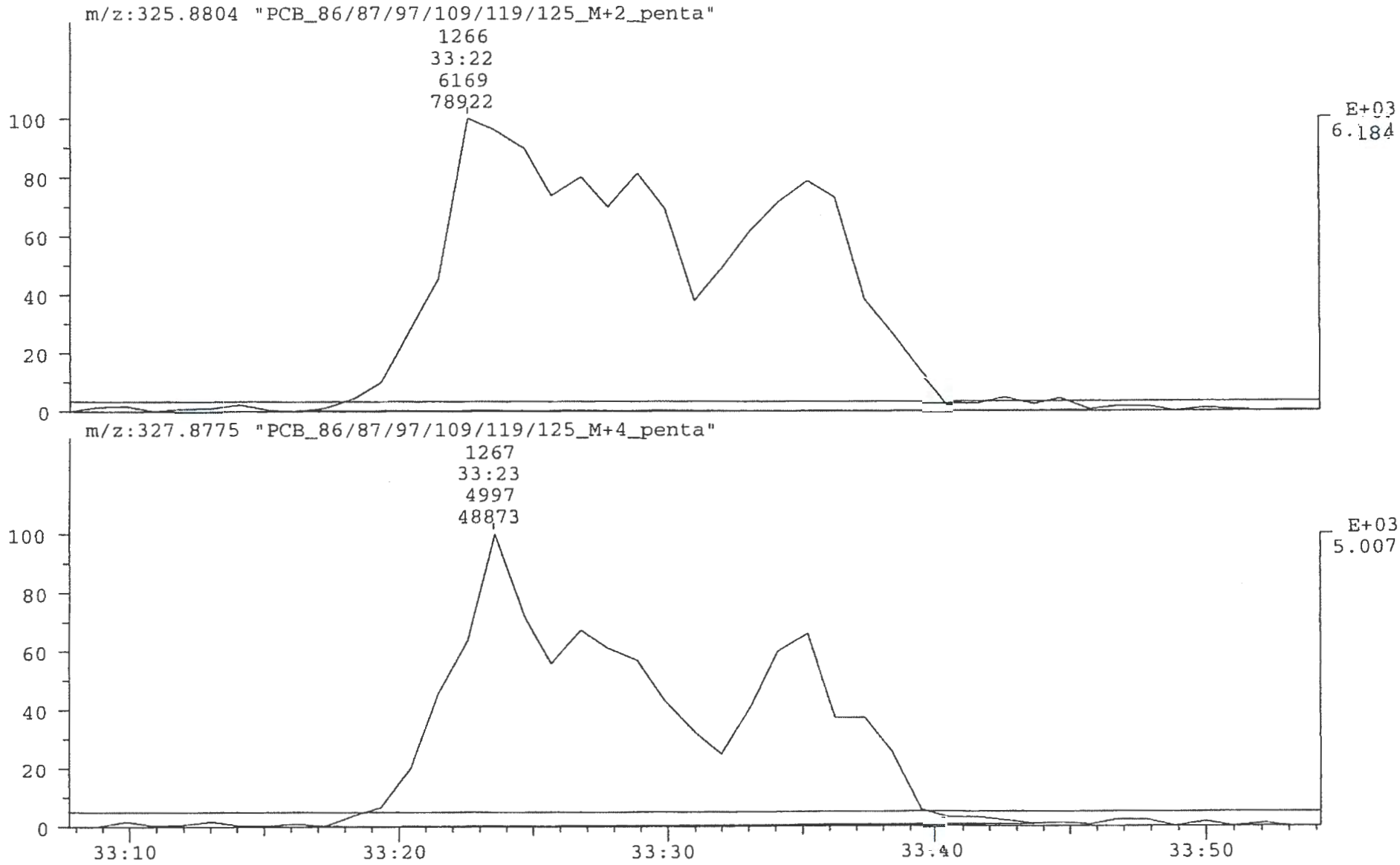
CHRO: a070313i6 13-Mar-07 Elapse: 33:03 1248
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1223 > 1265 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1229 > 1262 Masses: 181 > 510
Area: 5, 3.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

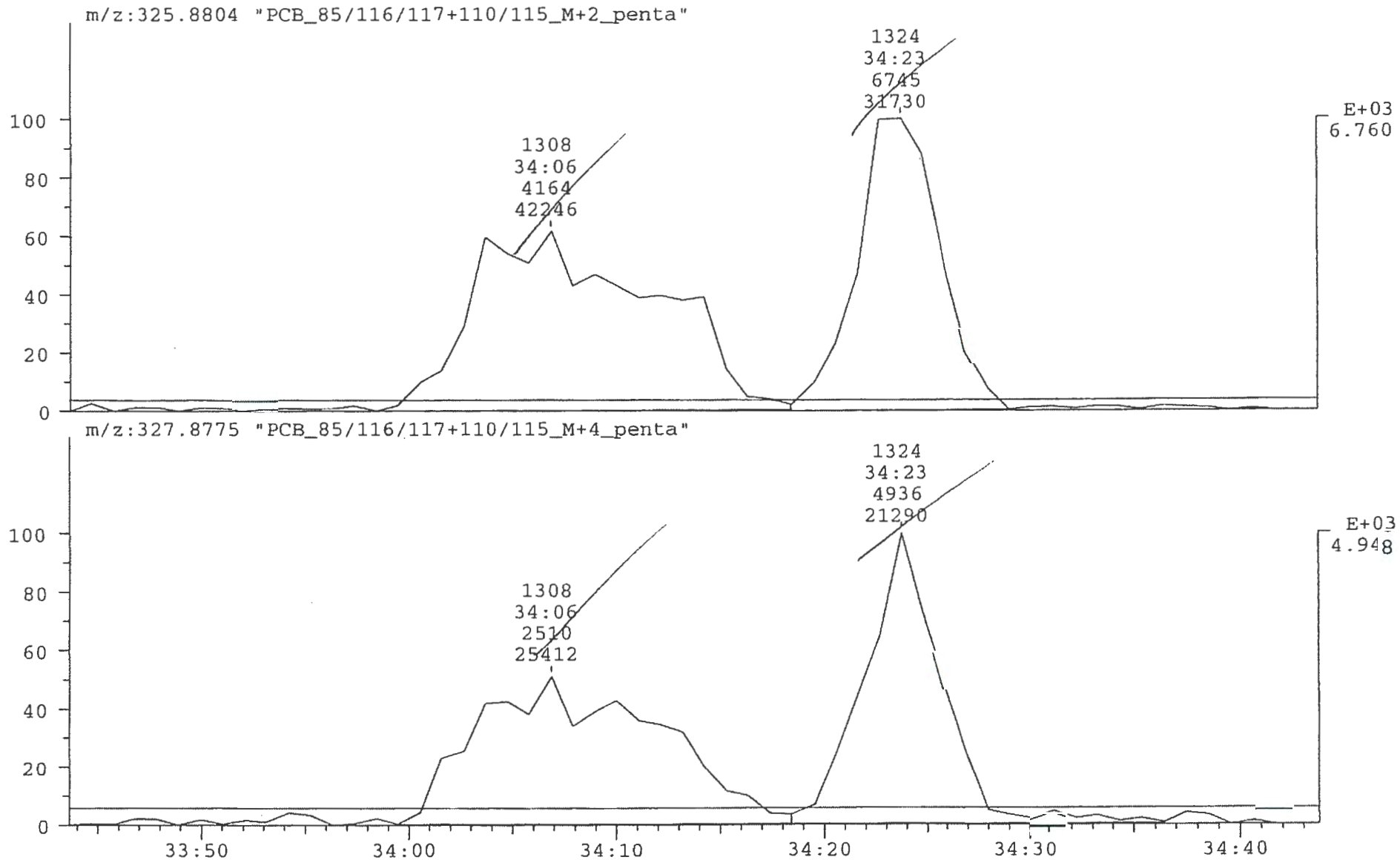


```
CHRO:  a070313i6                                13-Mar-07   Elapse:  33:36      1279
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```

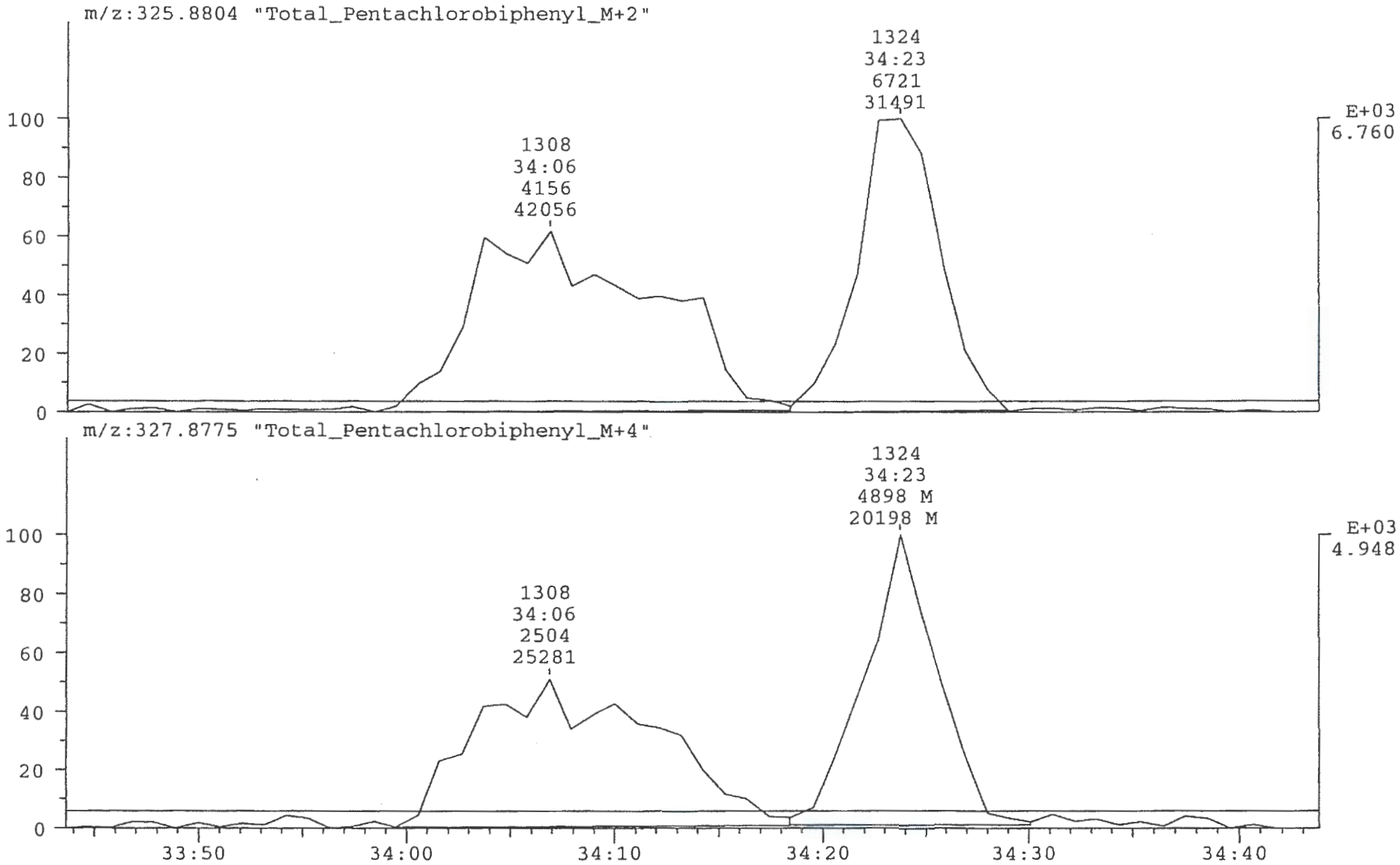


1127

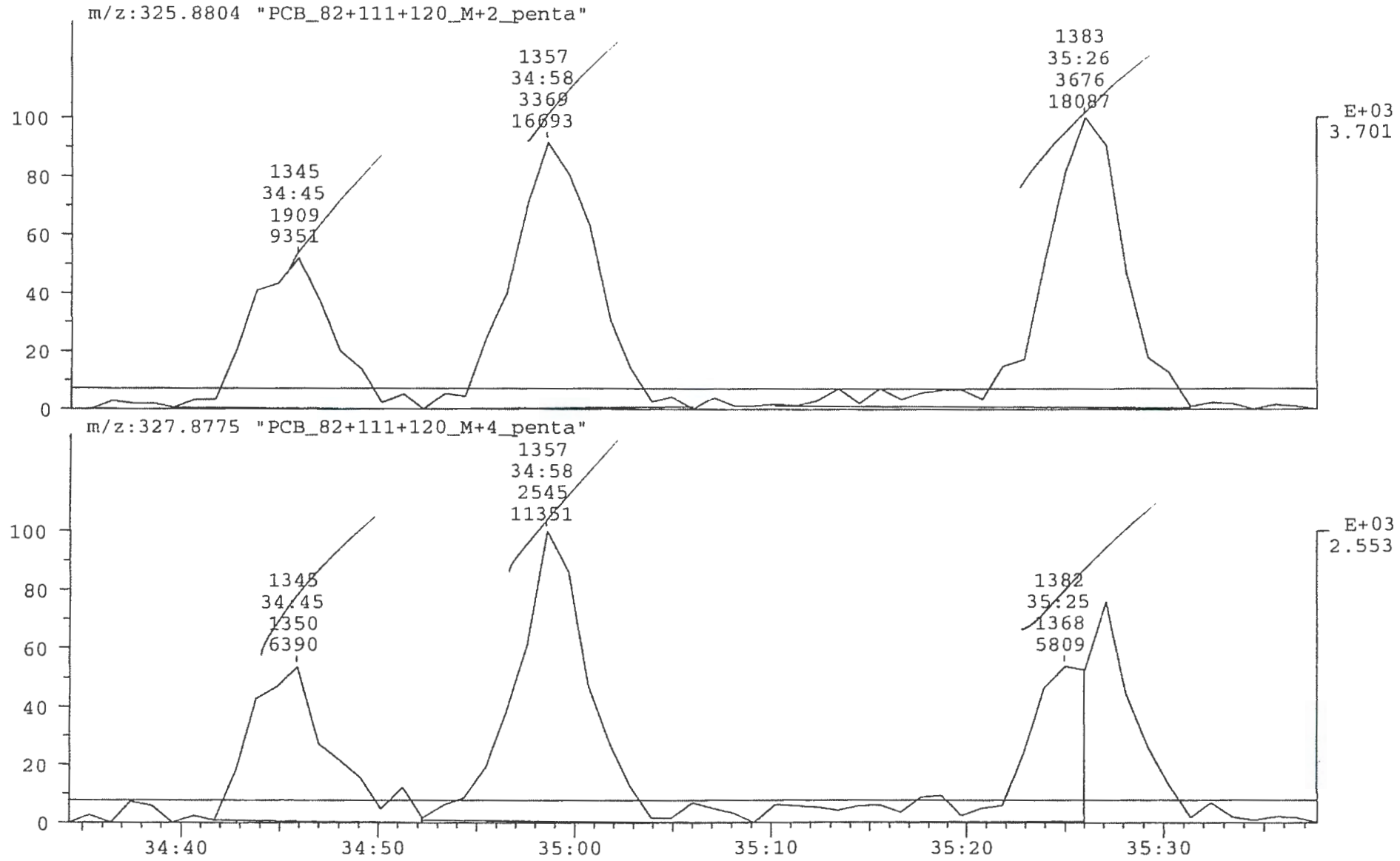
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  34:22      1323
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



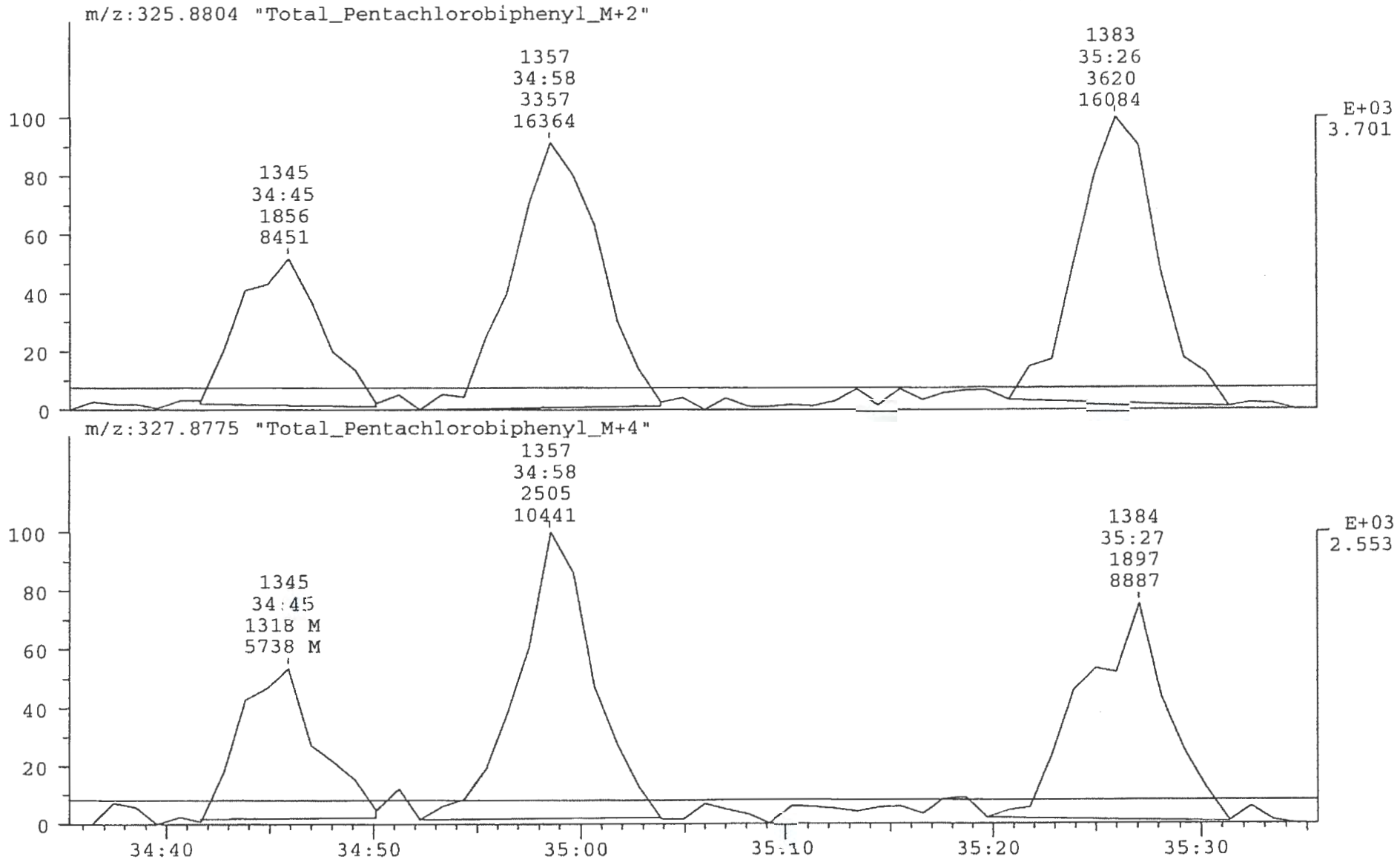
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1286 > 1343           Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 6                 Label :  -3, 3.0
Disp:  Height  Area
```



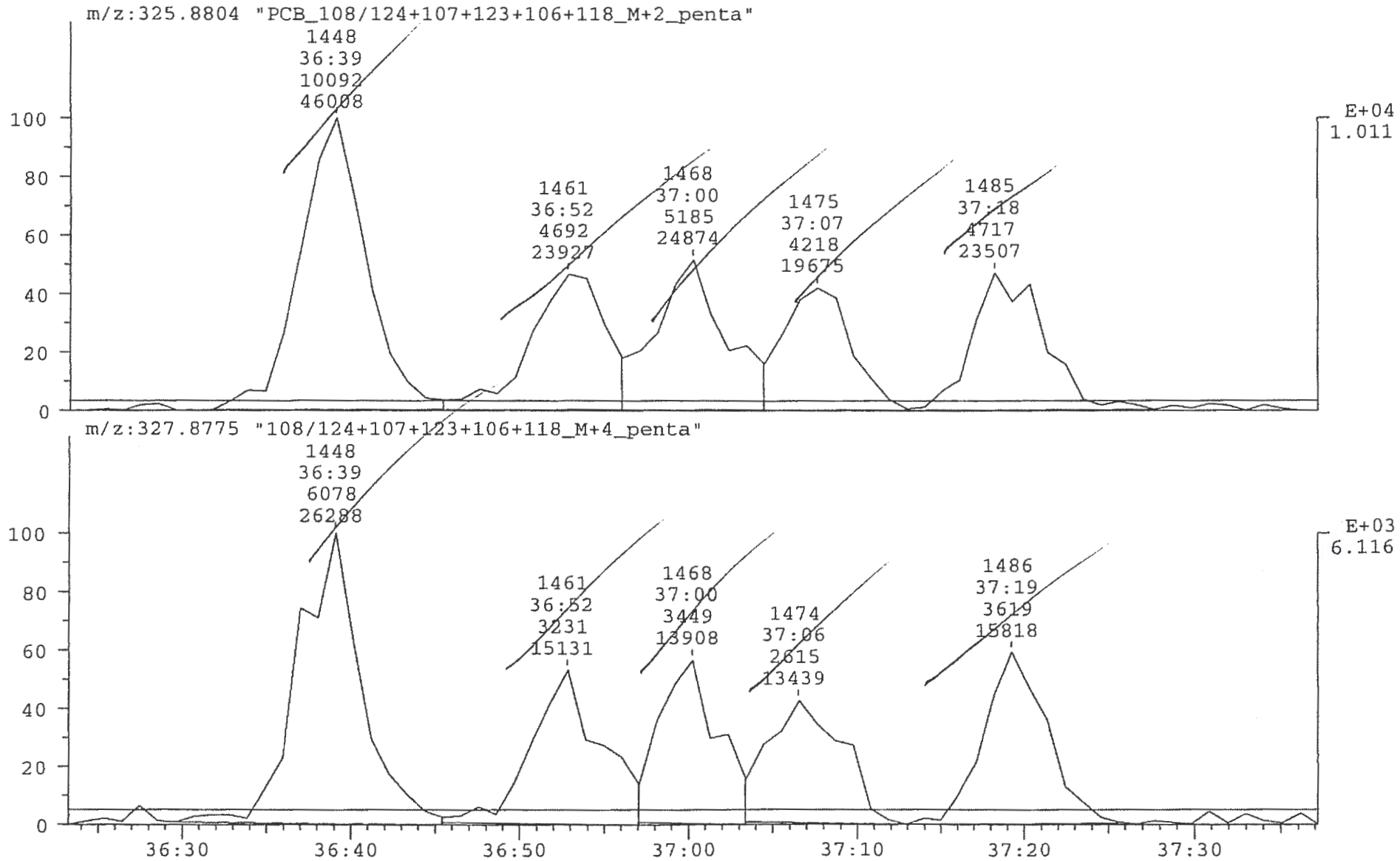
CHRO: a070313i6 13-Mar-07 Elapse: 34:55 1354
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1334 > 1394 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



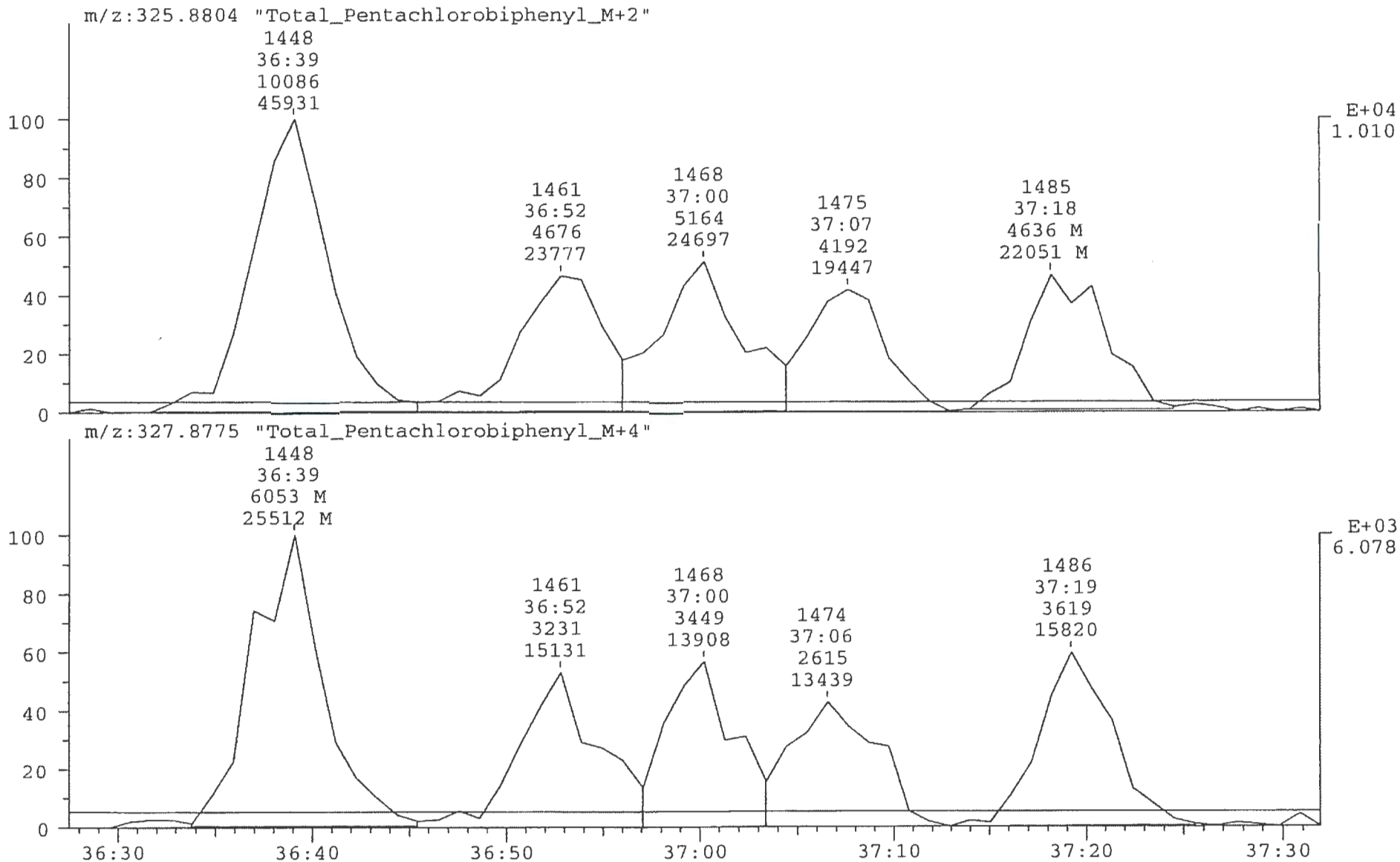
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   1335 > 1392           Masses:  181 > 510
Area:  5, 1.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



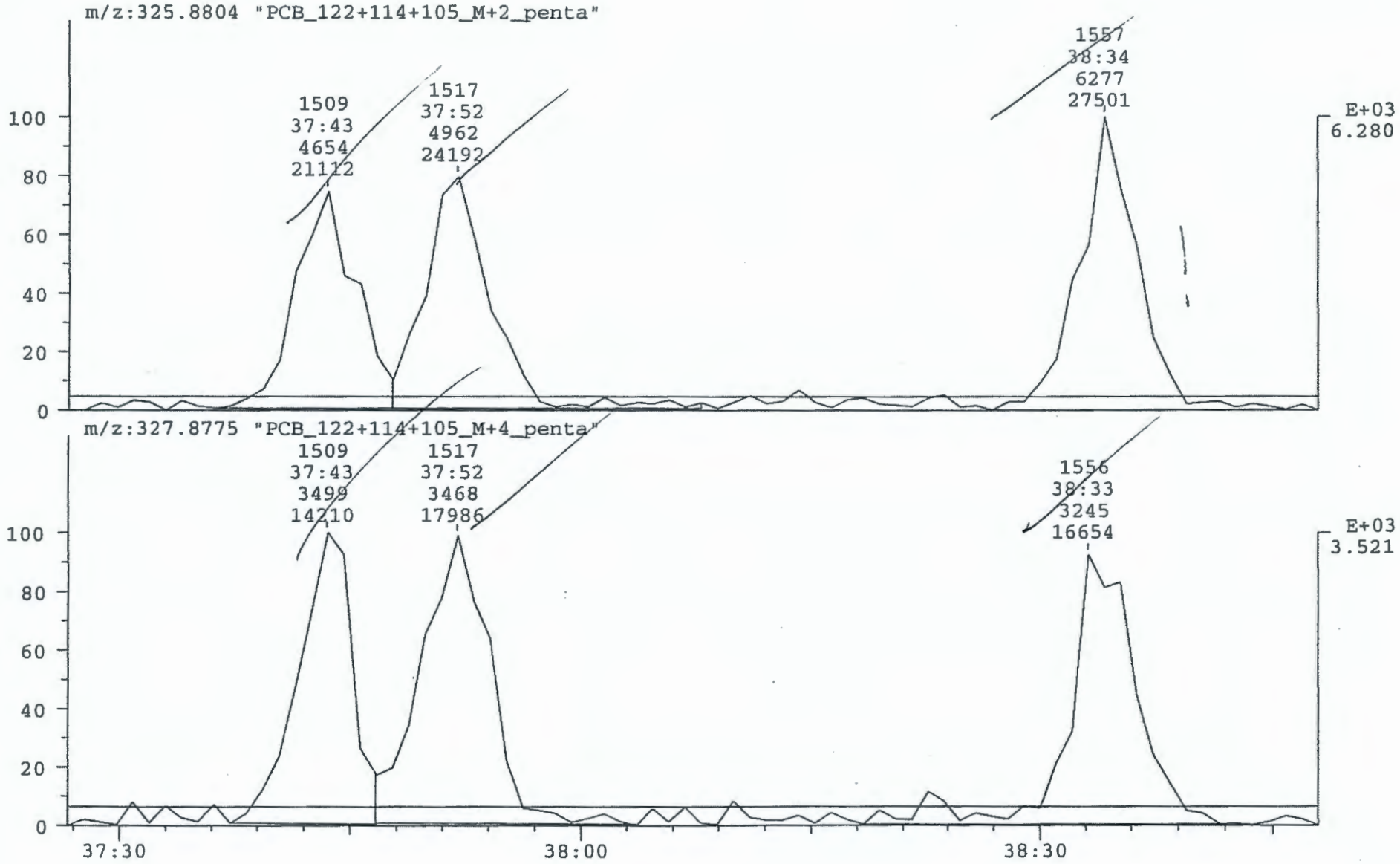
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  37:10      1478
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



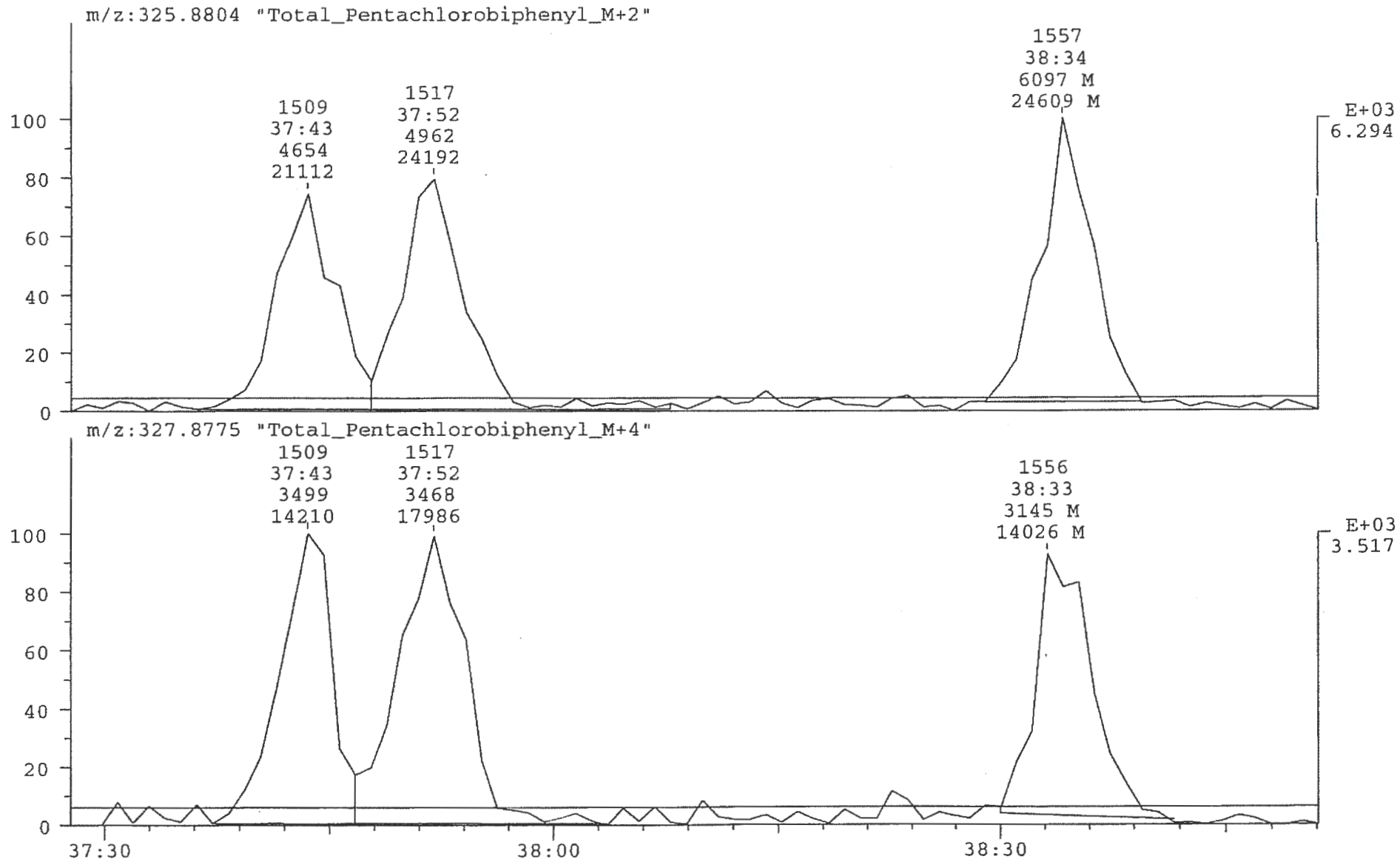
```
CHRO:  a07031316                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1437 > 1498           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



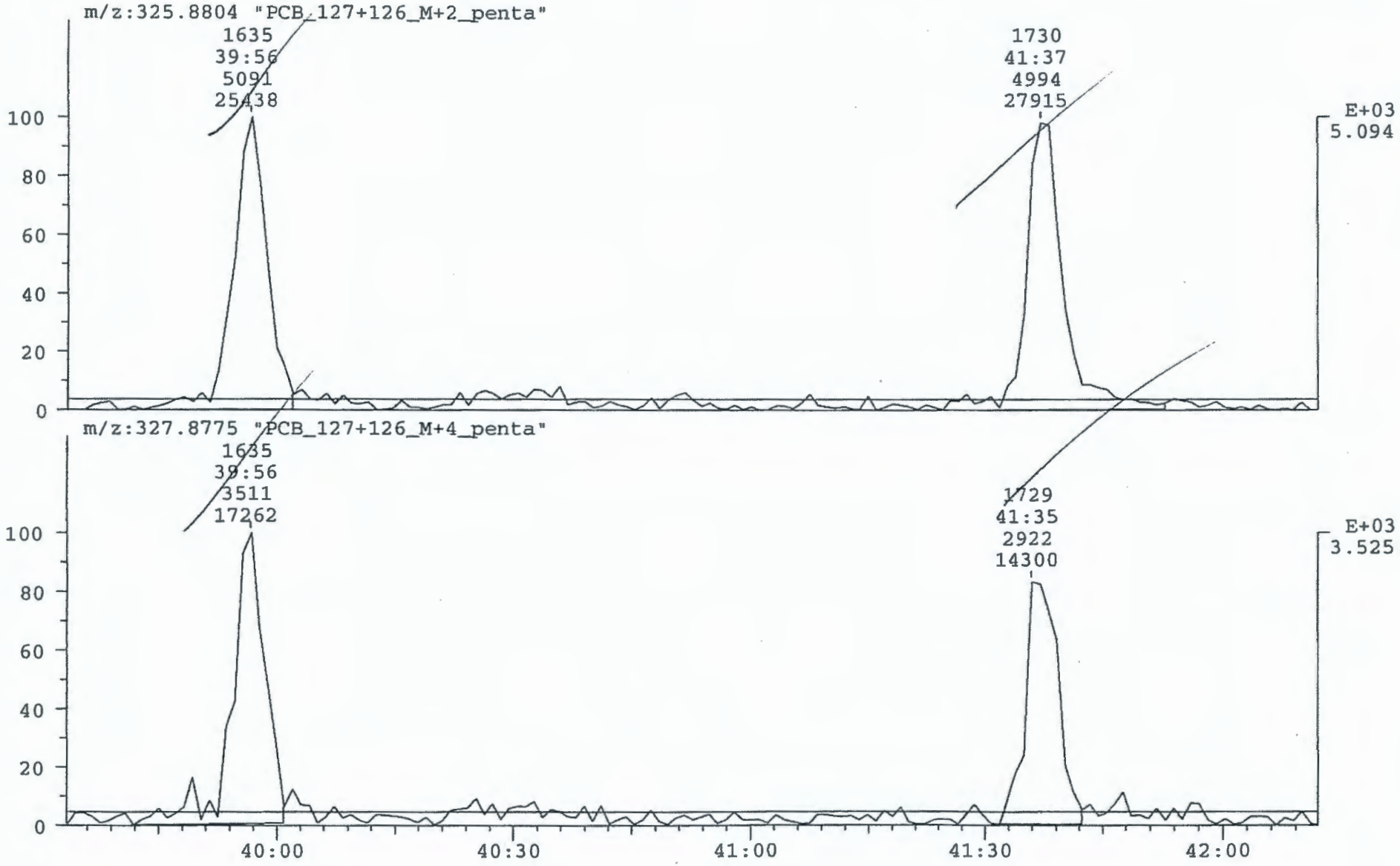
CHRO: a070313i6 13-Mar-07 Elapse: 38:14 1538
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1493 > 1570 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



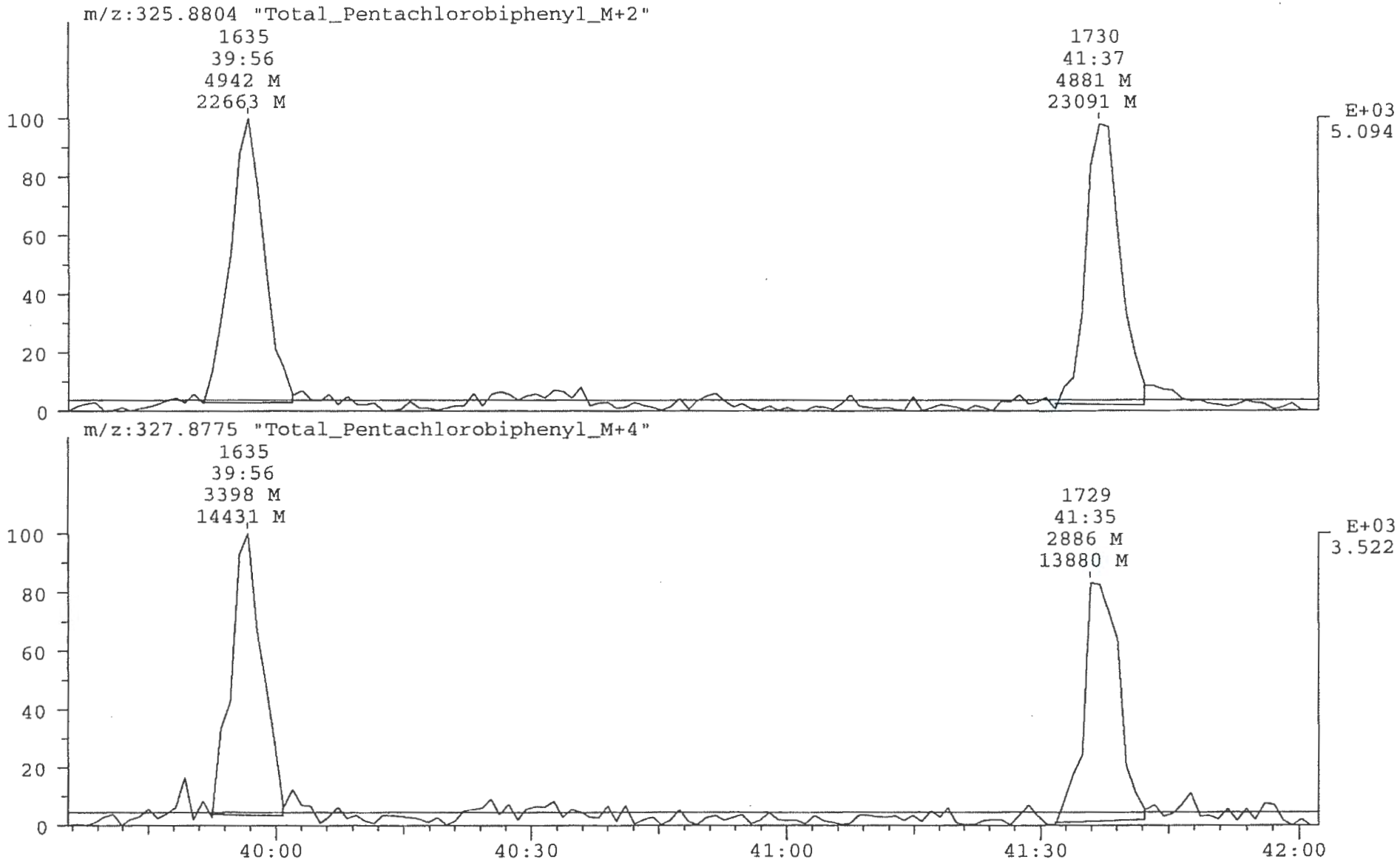
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1494 > 1573          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



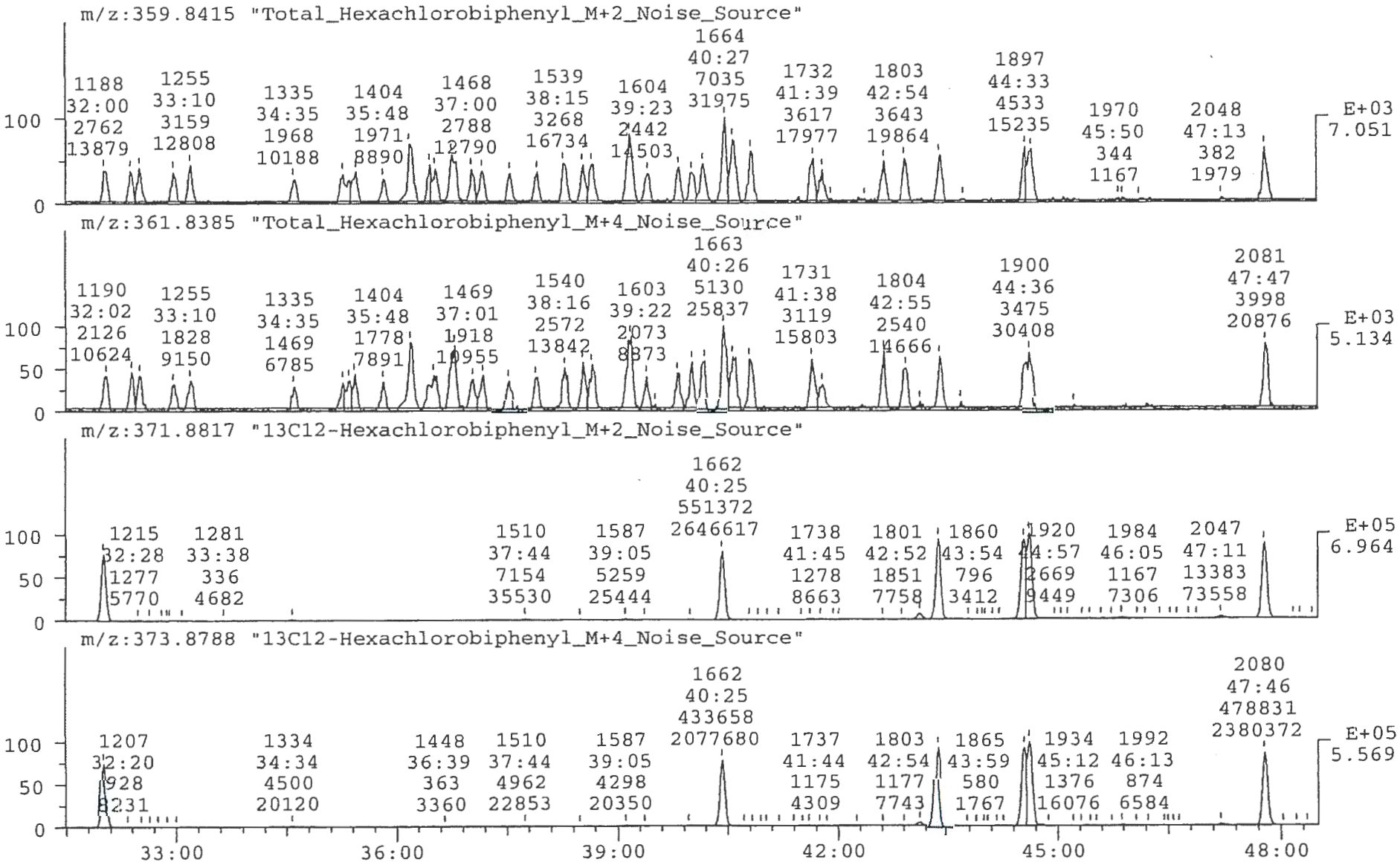
CHRO: a070313i6 13-Mar-07 Elapse: 40:52 1688
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1613 > 1763 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



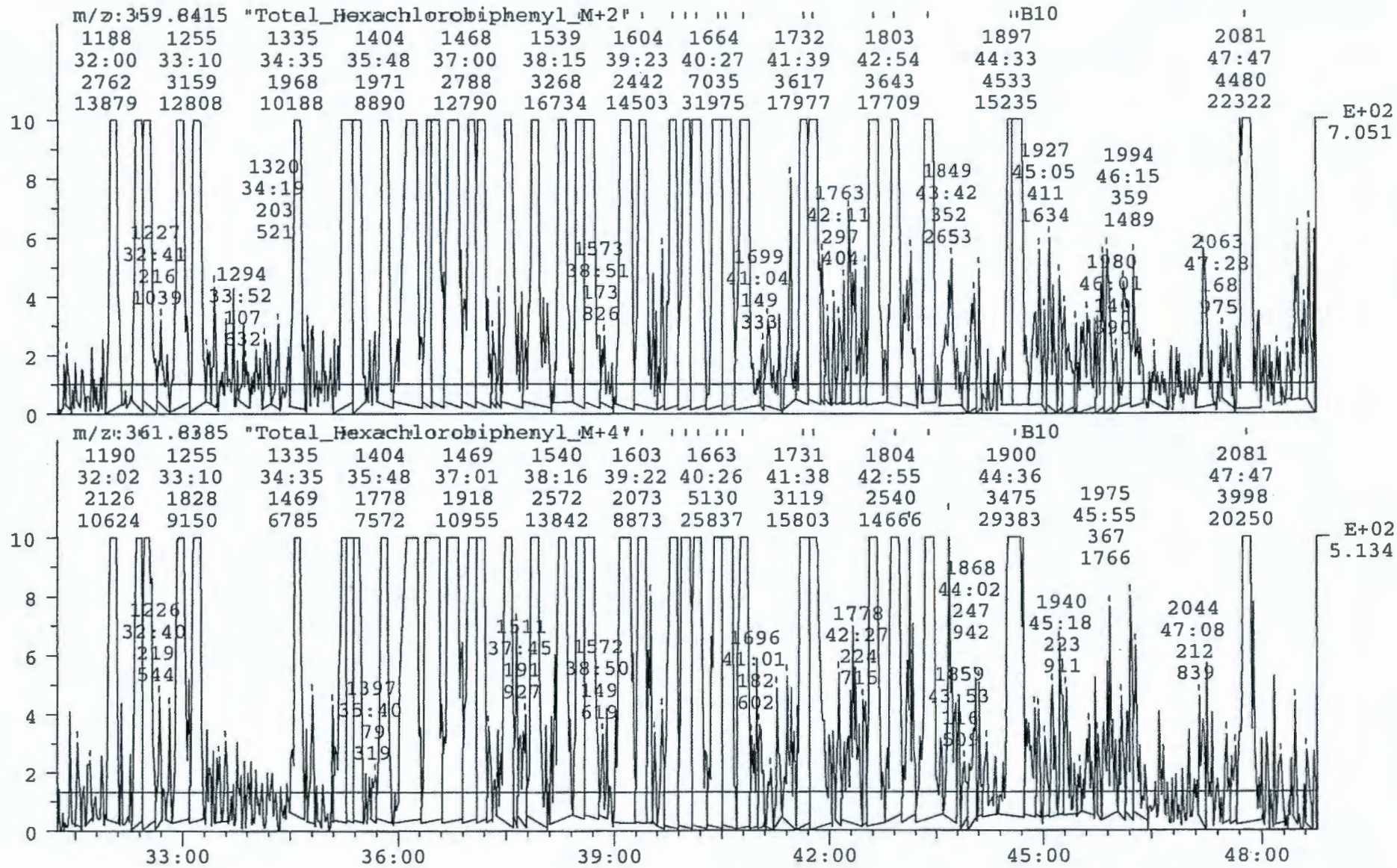
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1615 > 1754          Masses:  181 > 510
Area:  5, 3.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



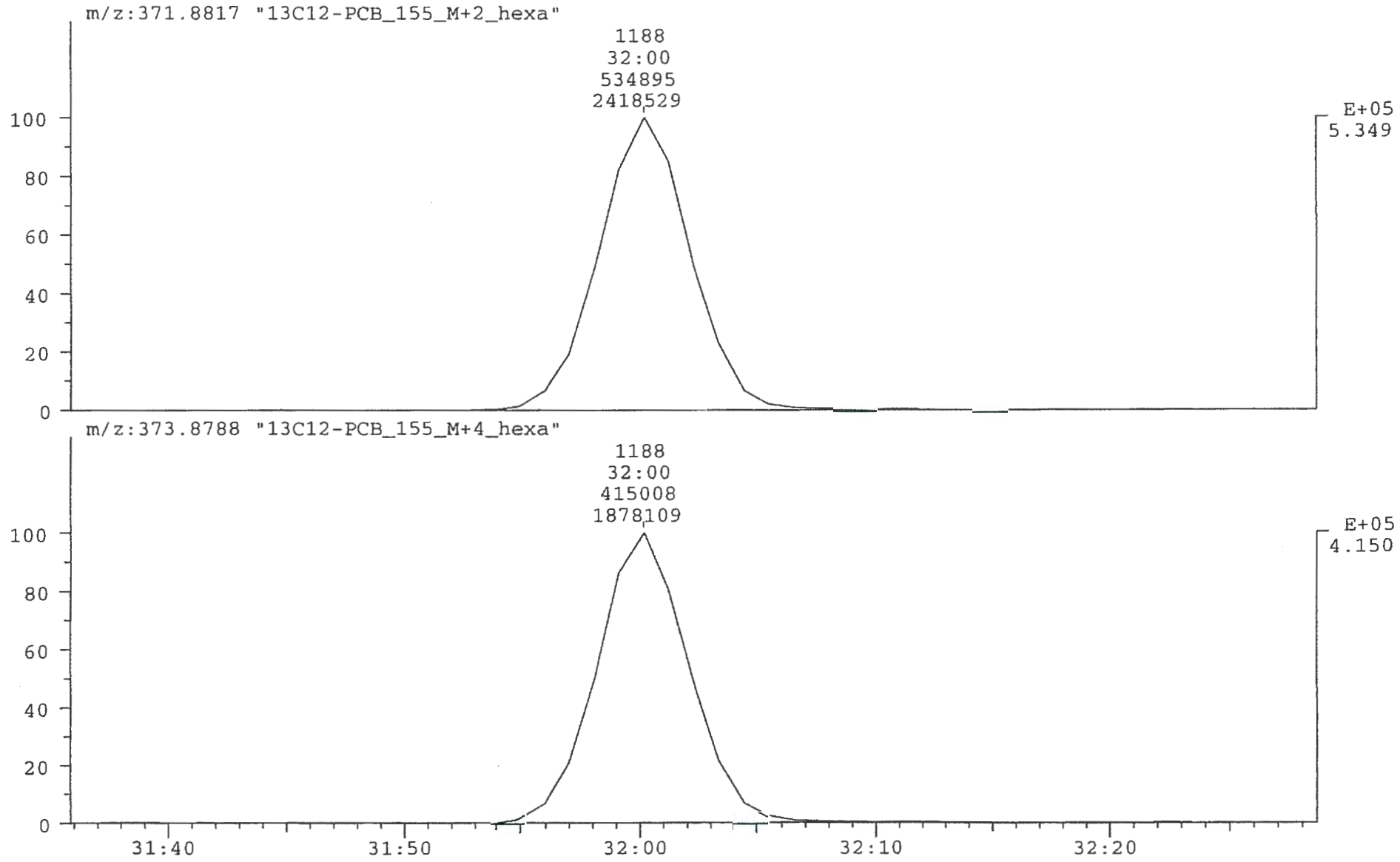
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  39:58      1637
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1159 > 2121           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



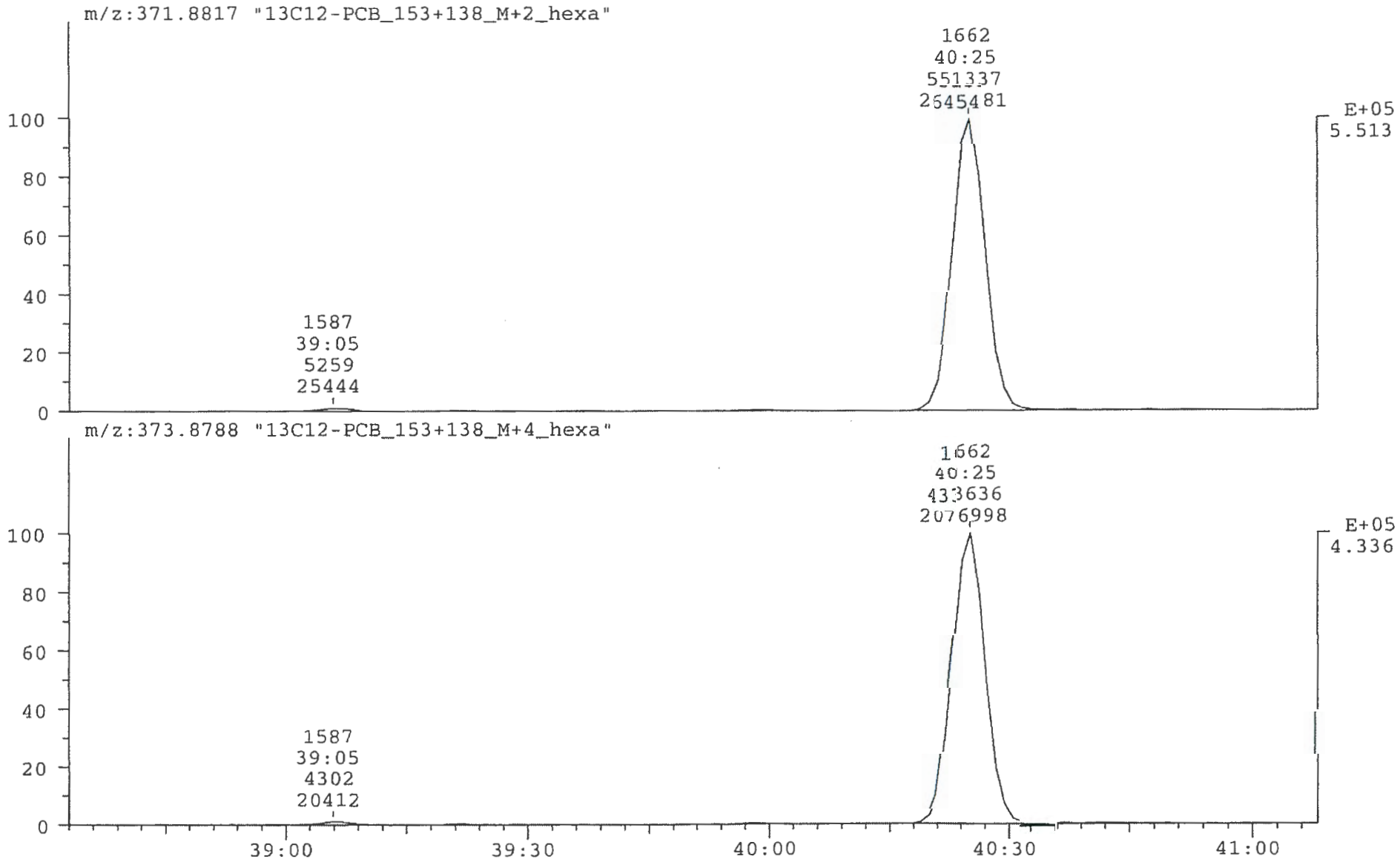
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1145 > 2136 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 1.0
Disp: Height Area



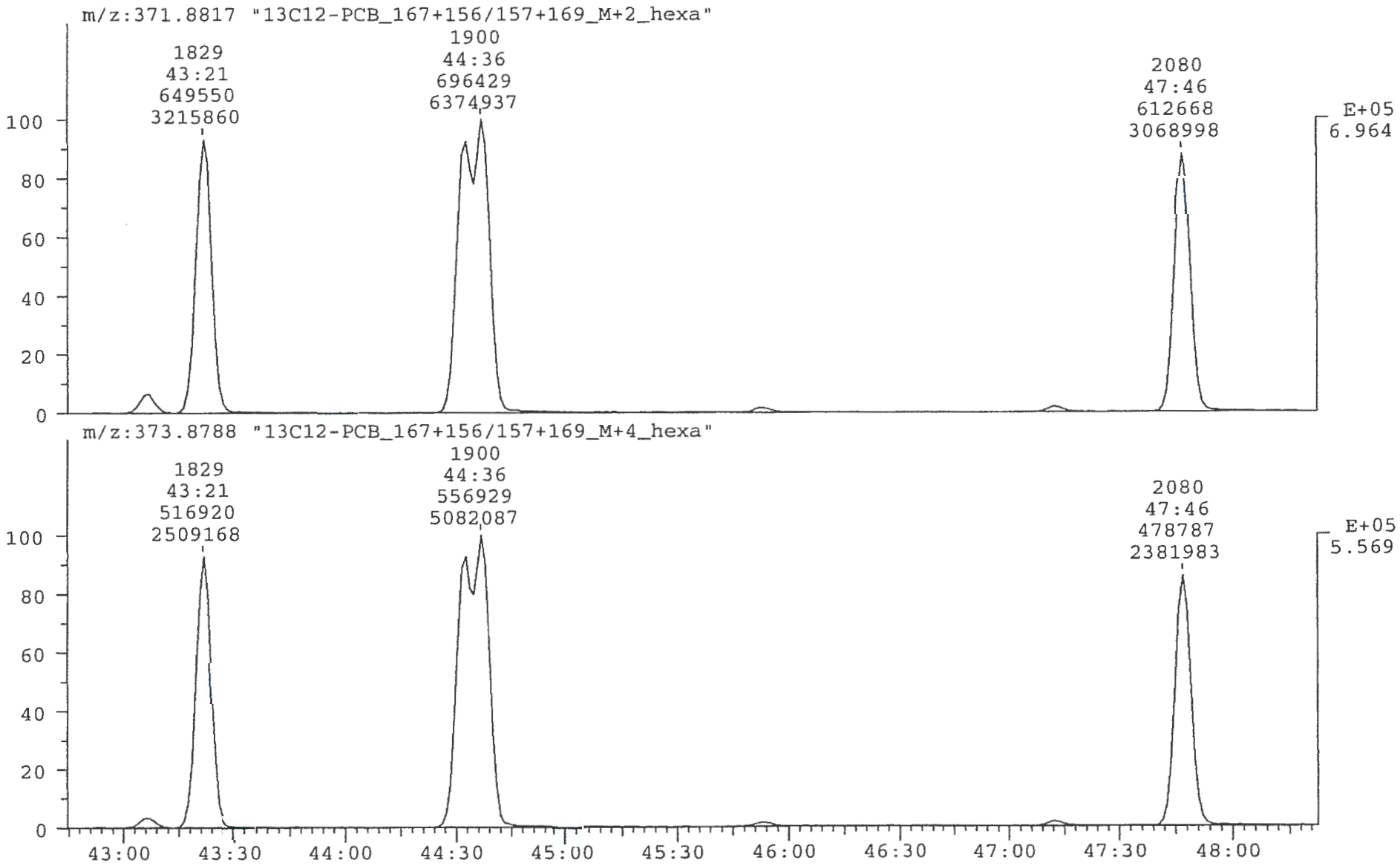
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  32:02      1190
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



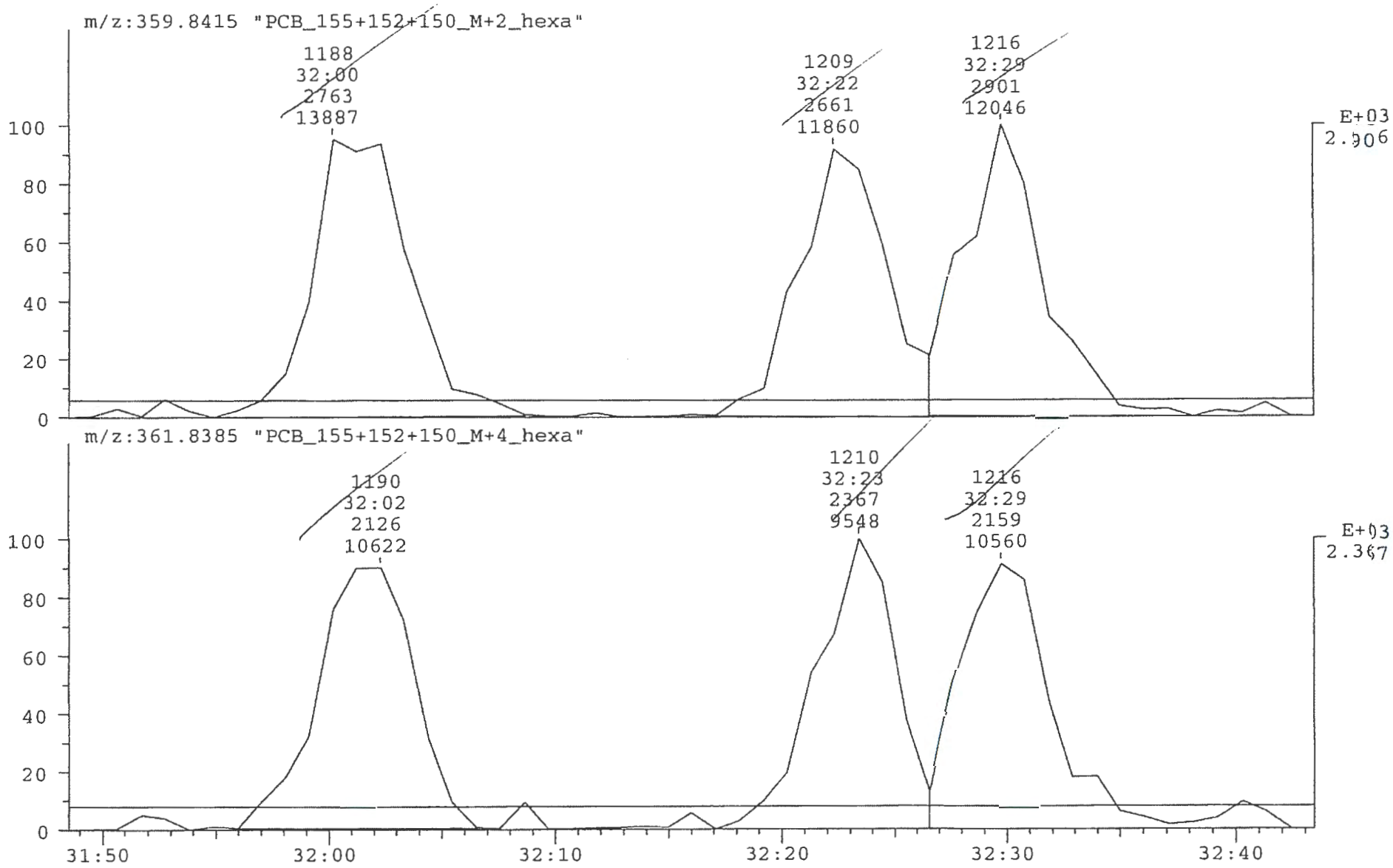
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  39:50      1629
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1556 > 1703           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



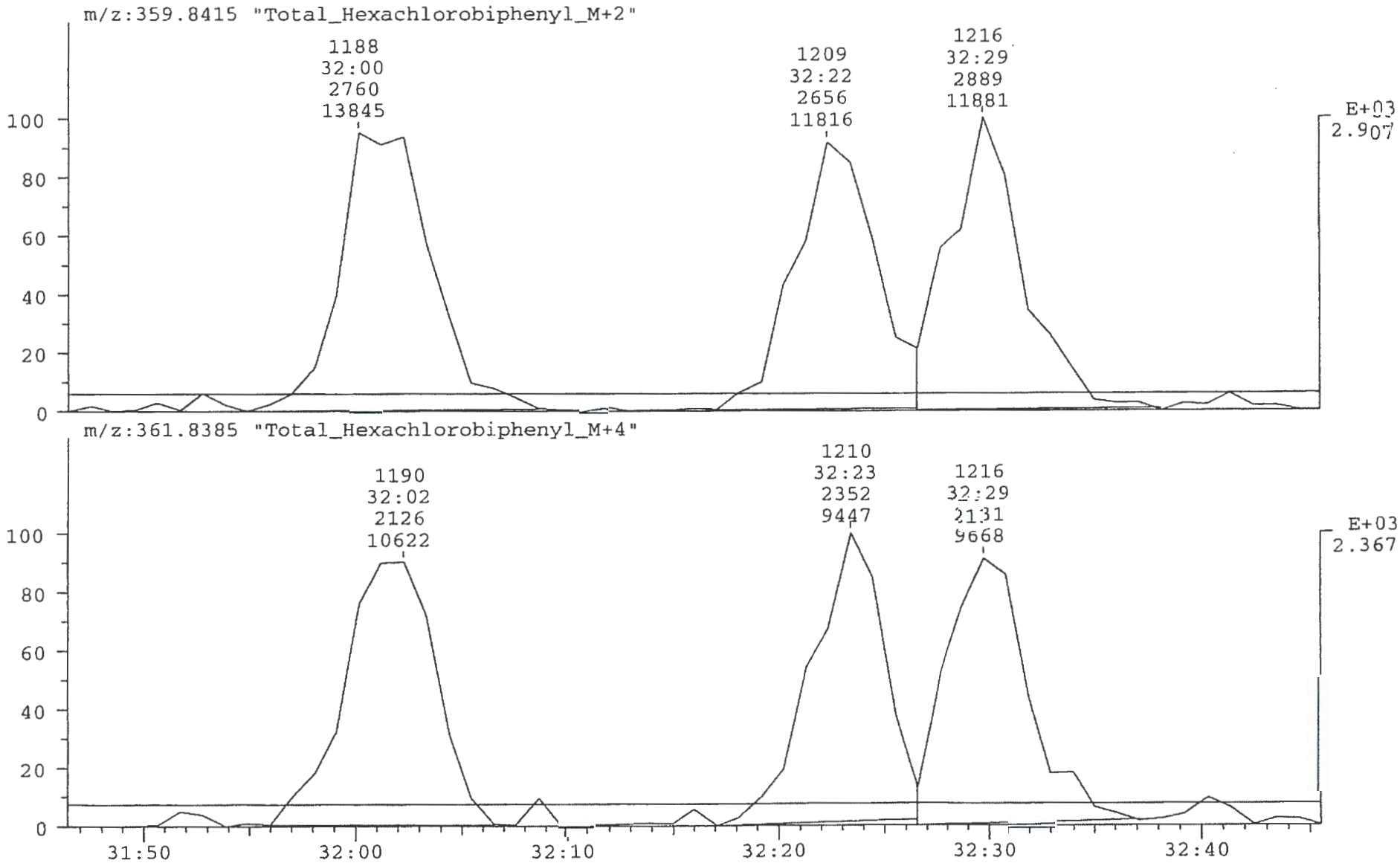
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  45:38      1959
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



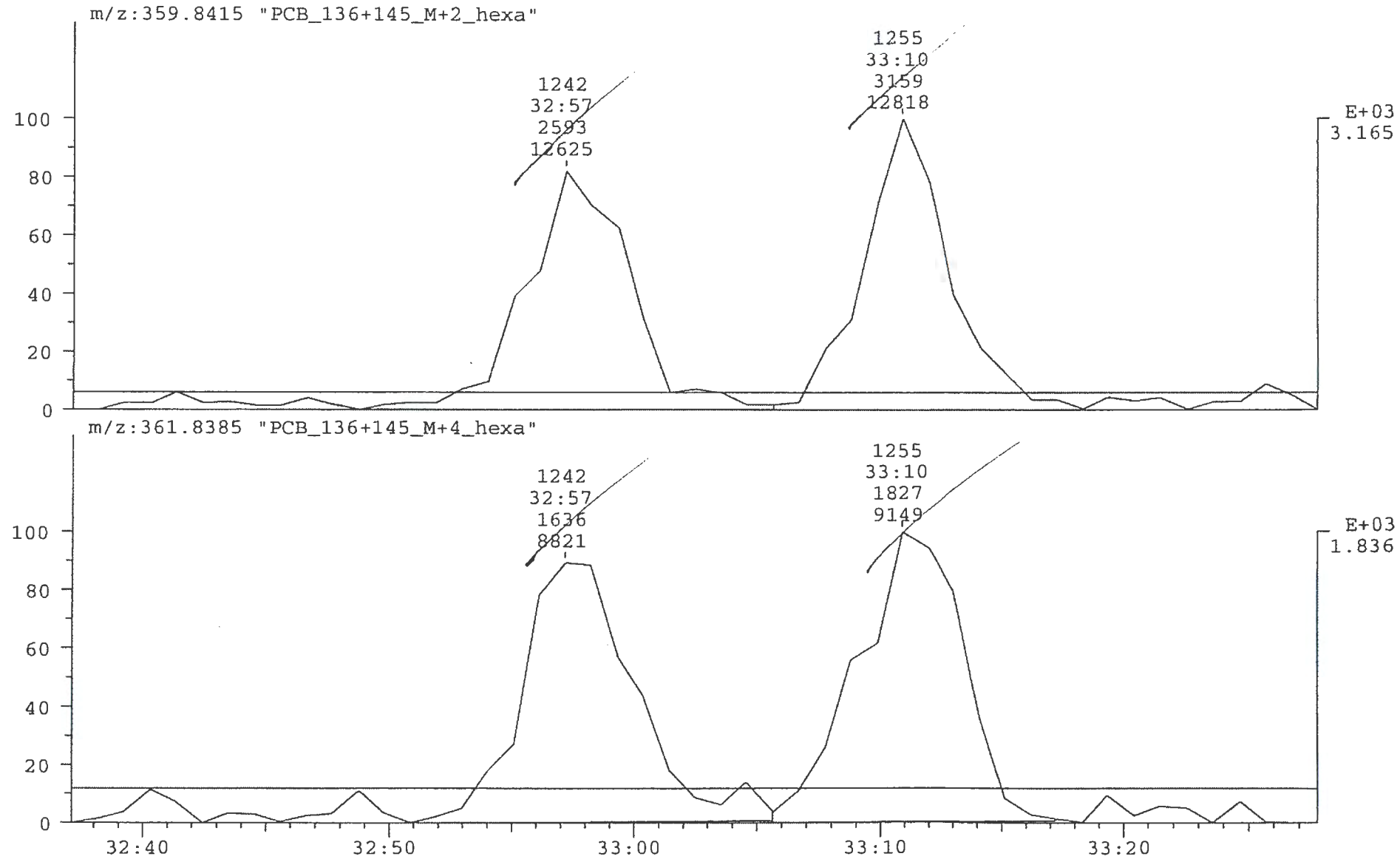
CHRO: a070313i6 13-Mar-07 Elapse: 32:20 1207
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1177 > 1229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1175 > 1231           Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i6                                13-Mar-07  Elapse:  33:08      1253
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
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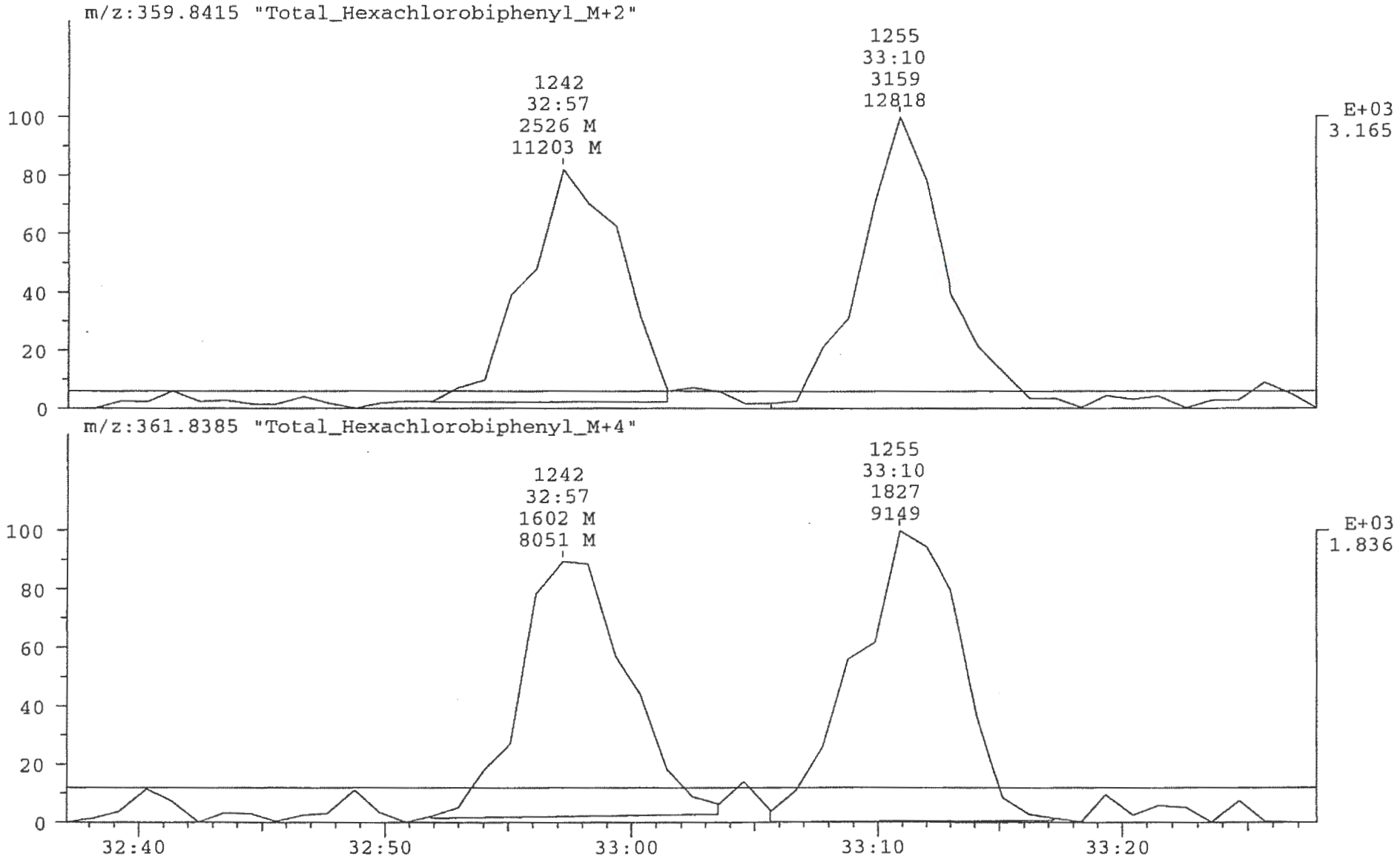
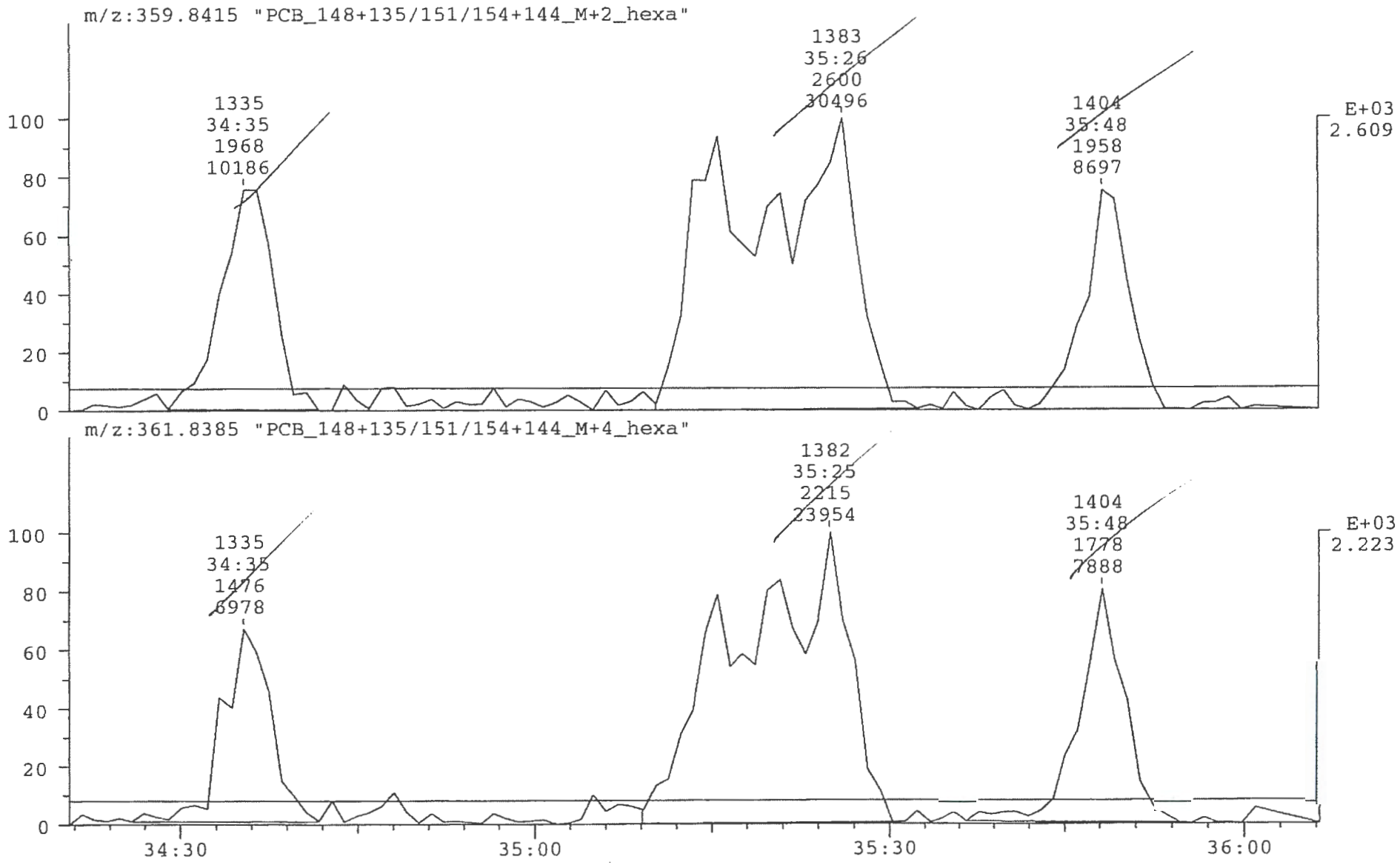
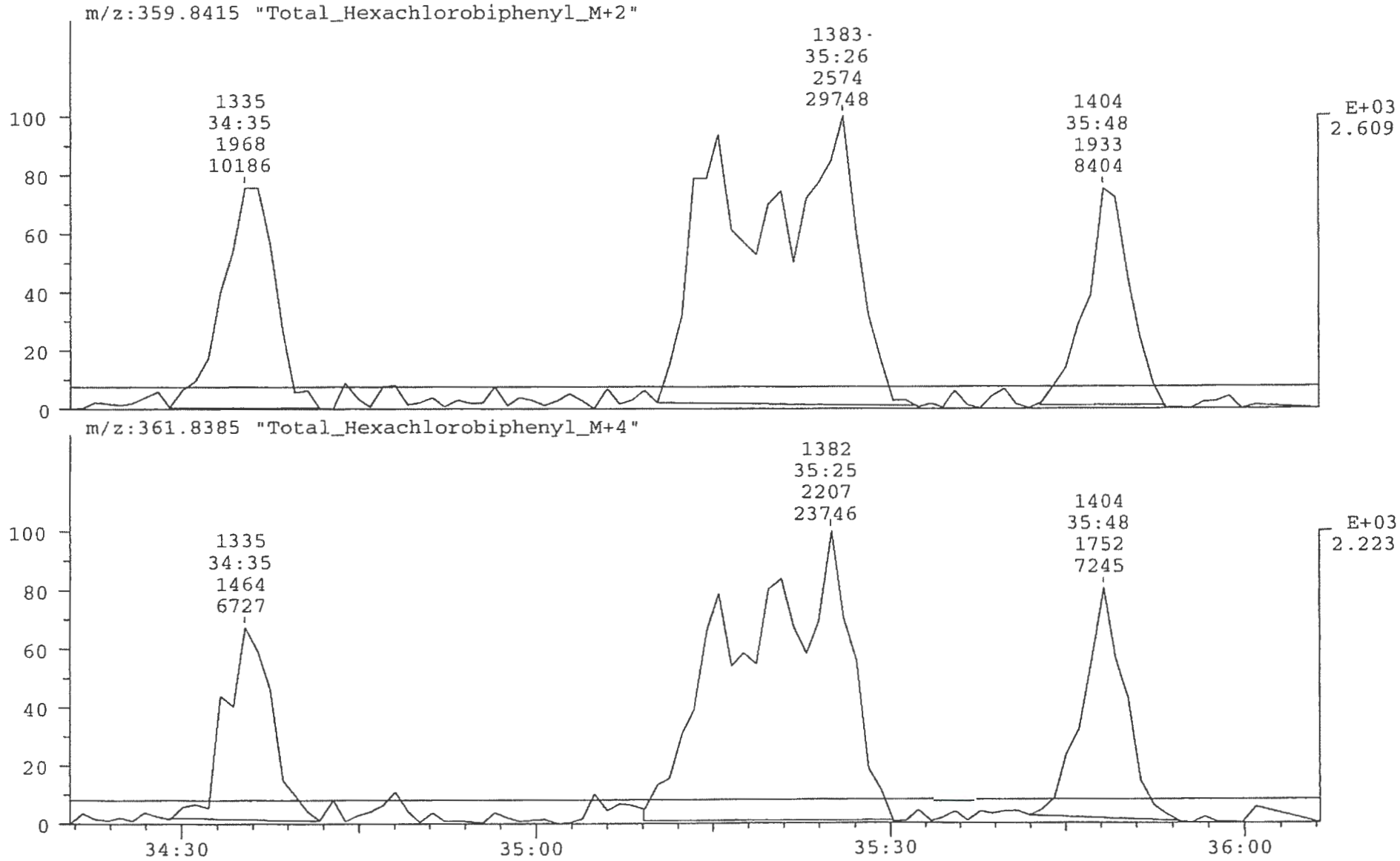


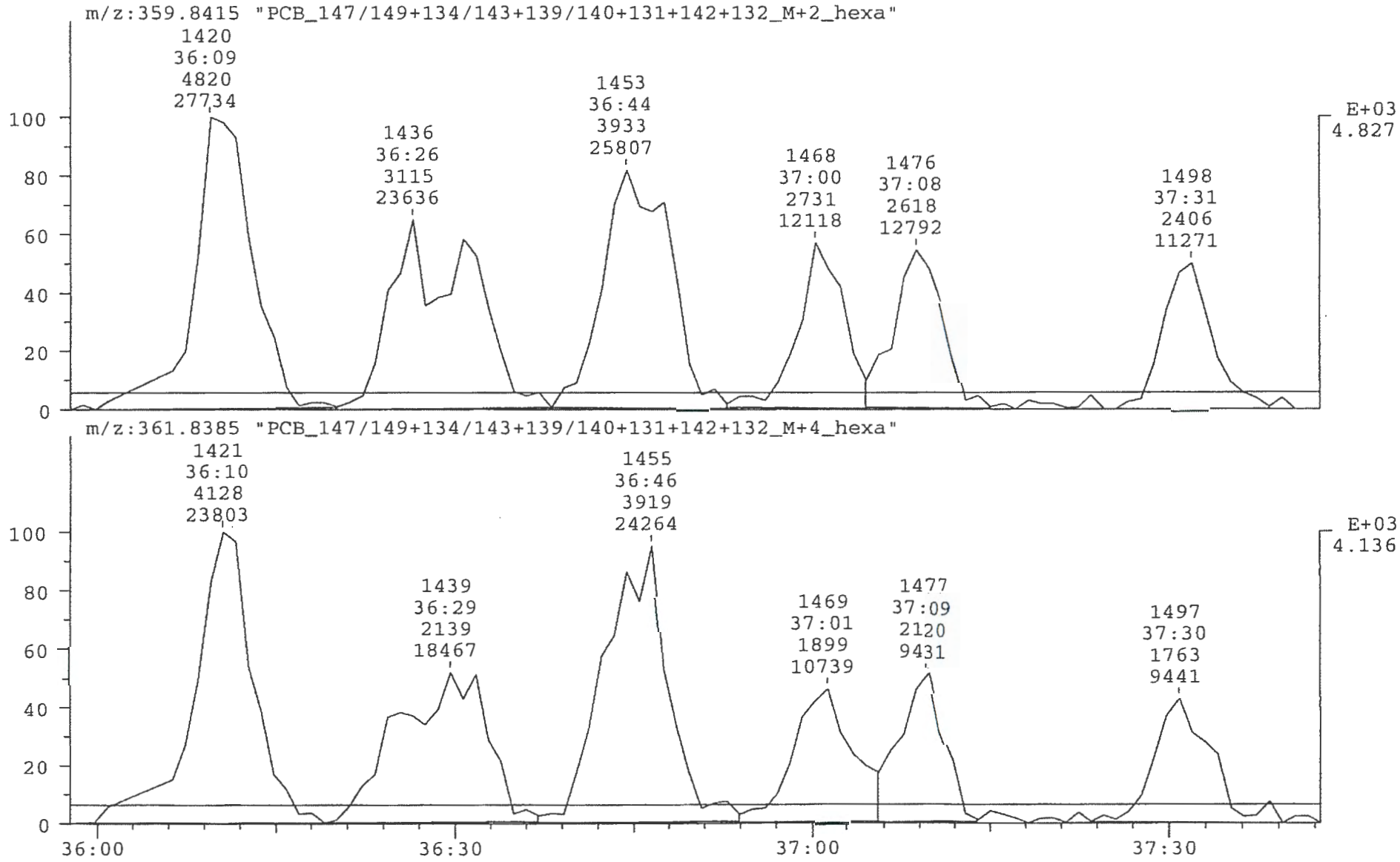
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  35:21      1379
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



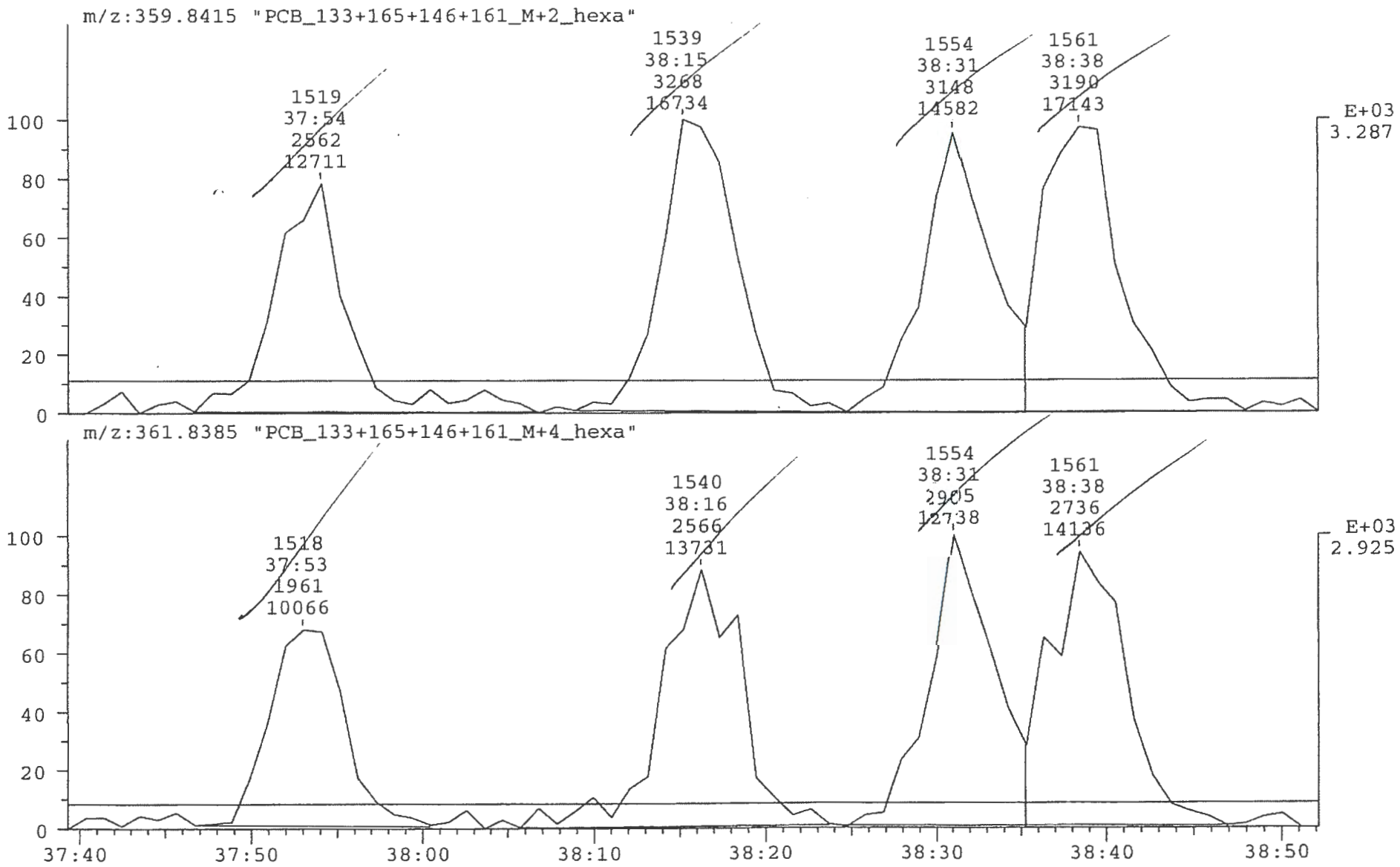
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1321 > 1417           Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



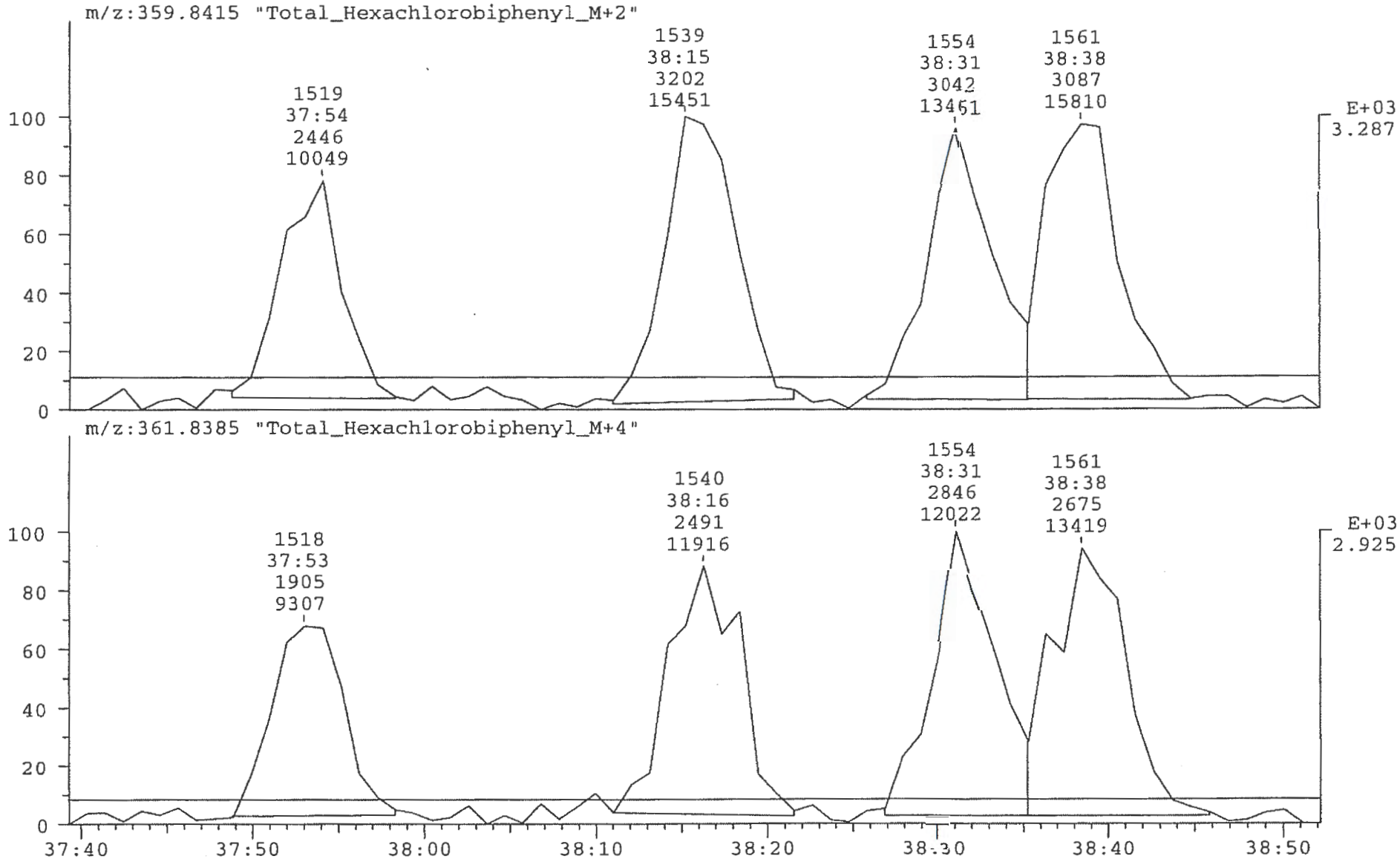
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  36:46      1455
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1413 > 1508           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



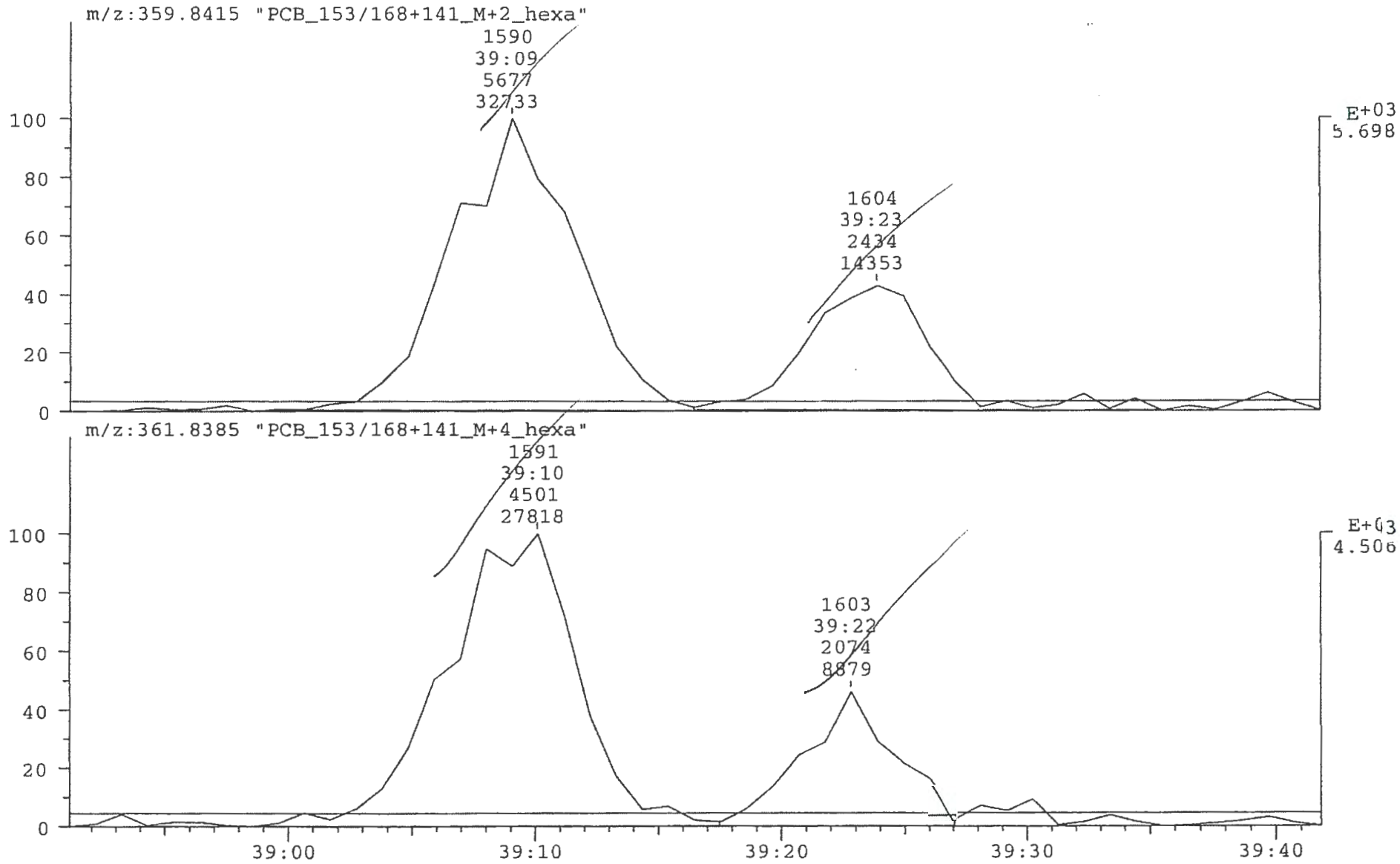
CHRO: a070313i6 13-Mar-07 Elapse: 38:21 1545
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1505 > 1574 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



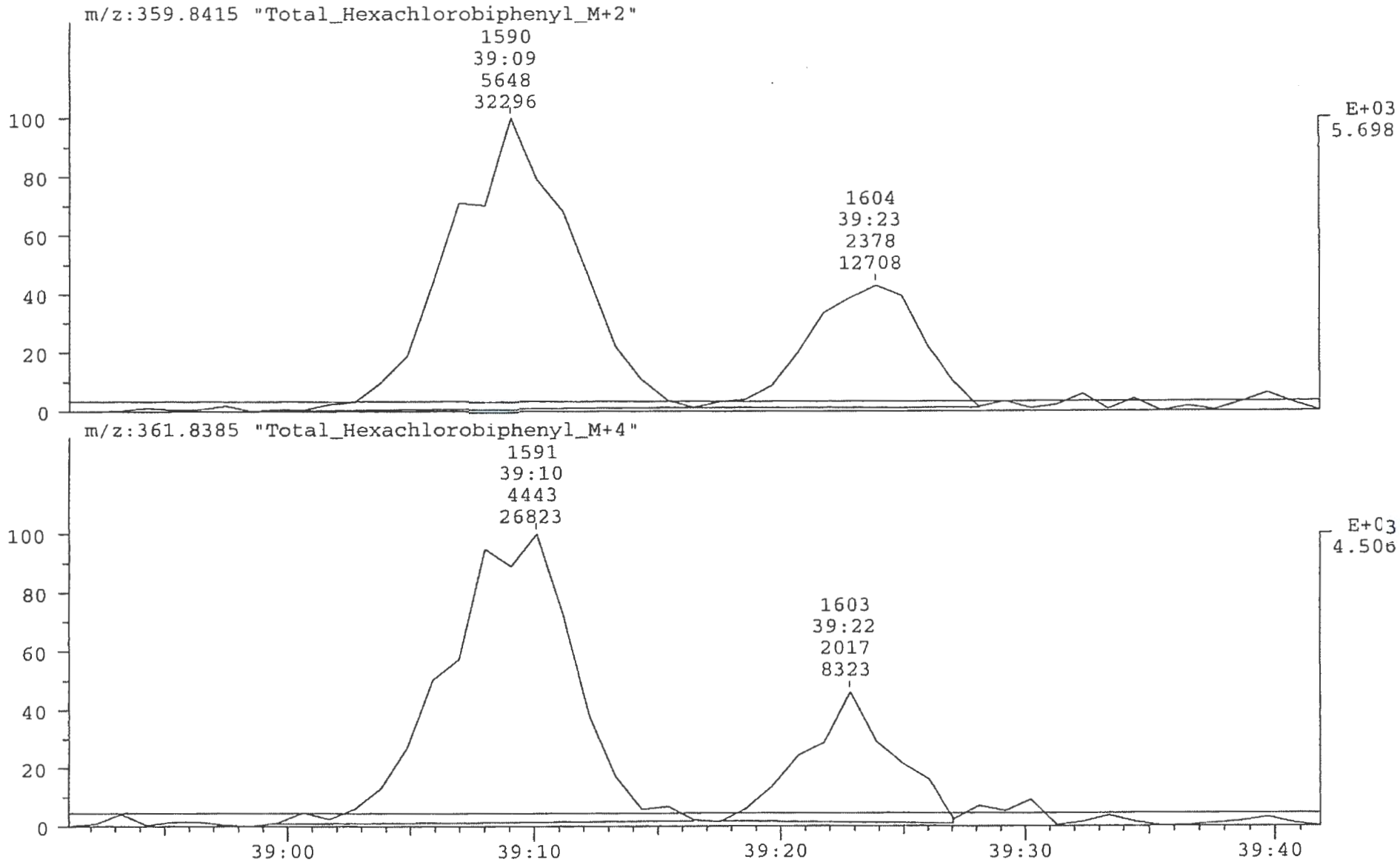
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1505 > 1574 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



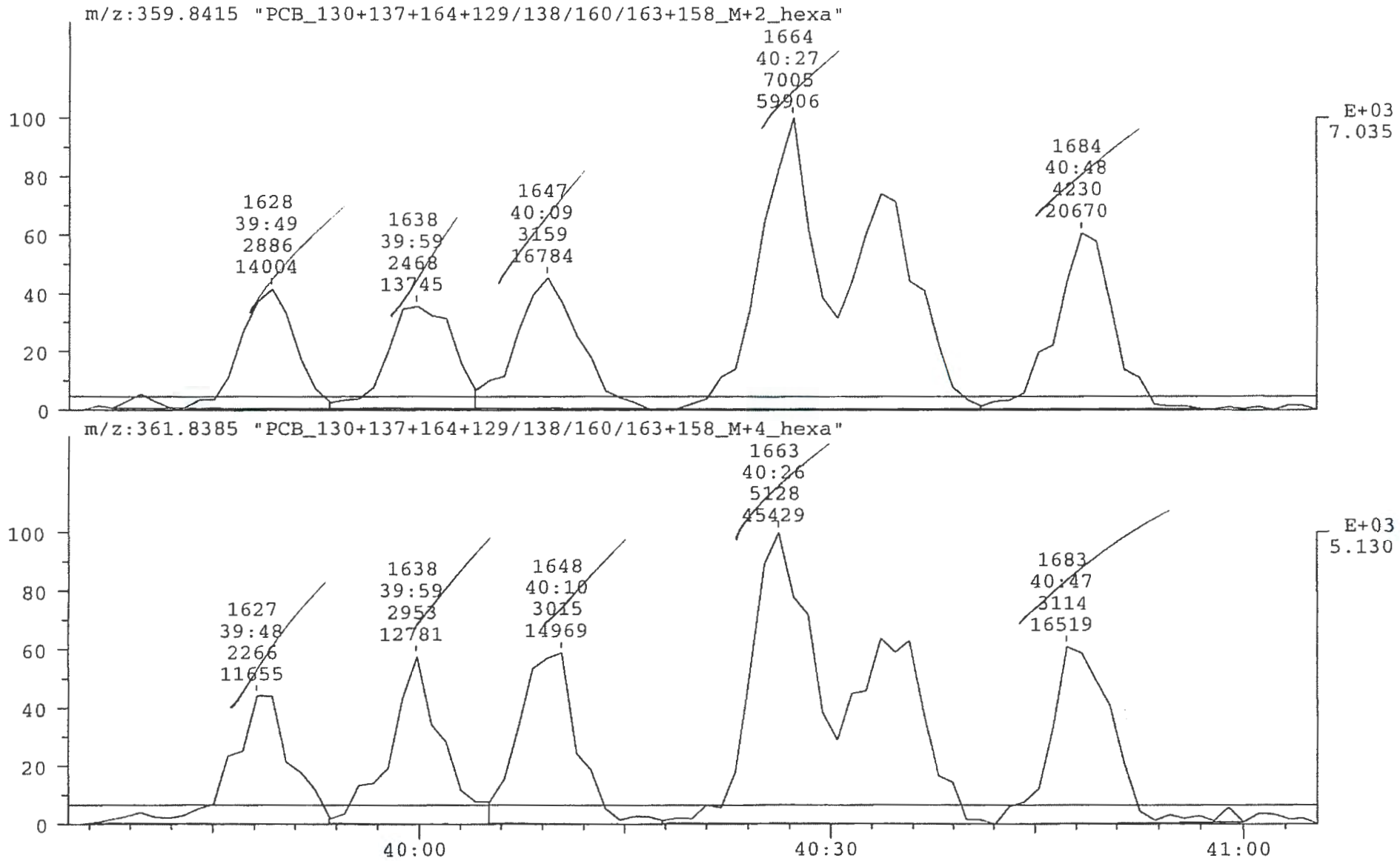
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  39:20      1601
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   3
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
```



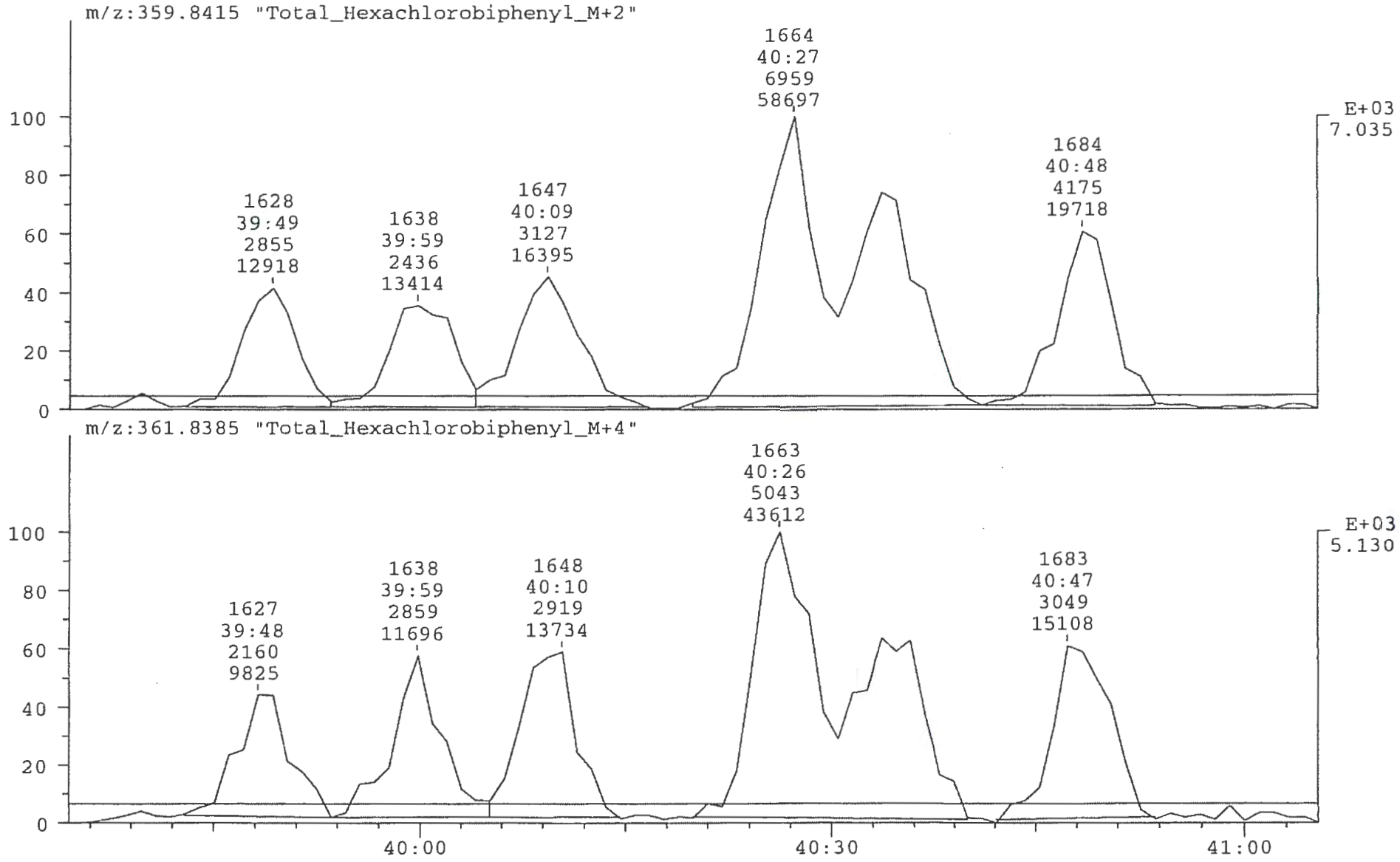
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1573 > 1621           Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



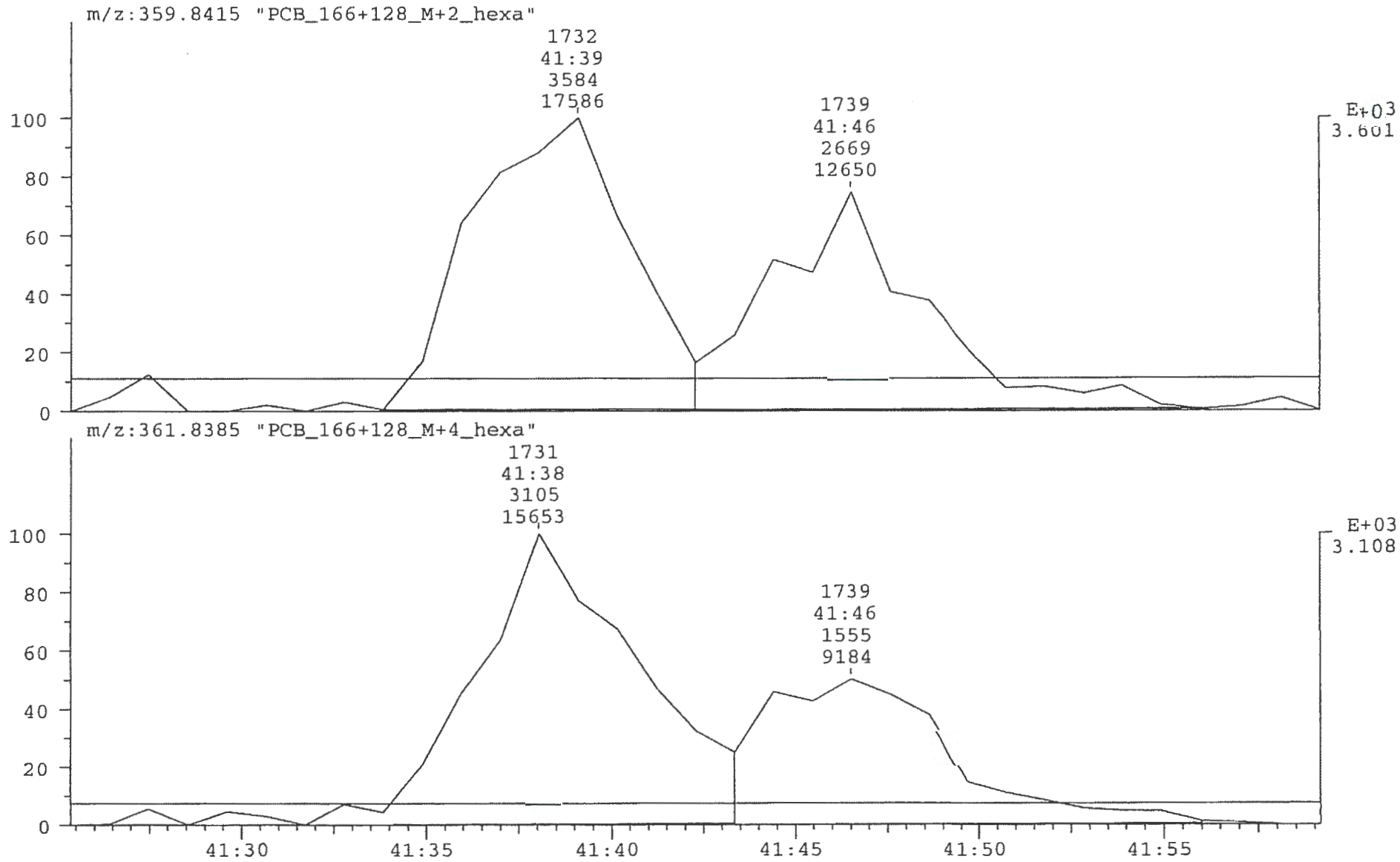
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  40:23      1660
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



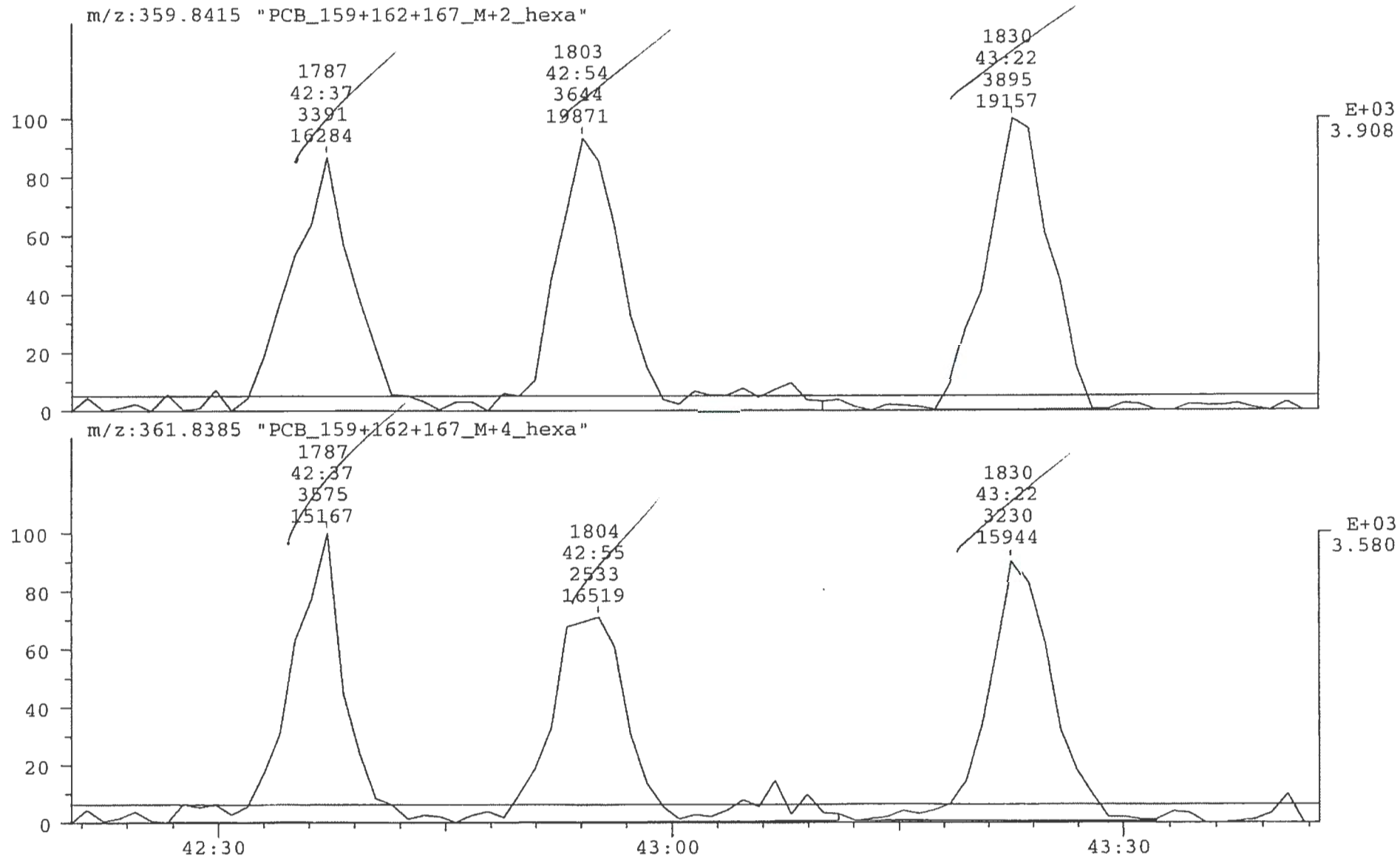
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1614 > 1700          Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 7               Label :  -3, 3.0
Disp:  Height  Area
```



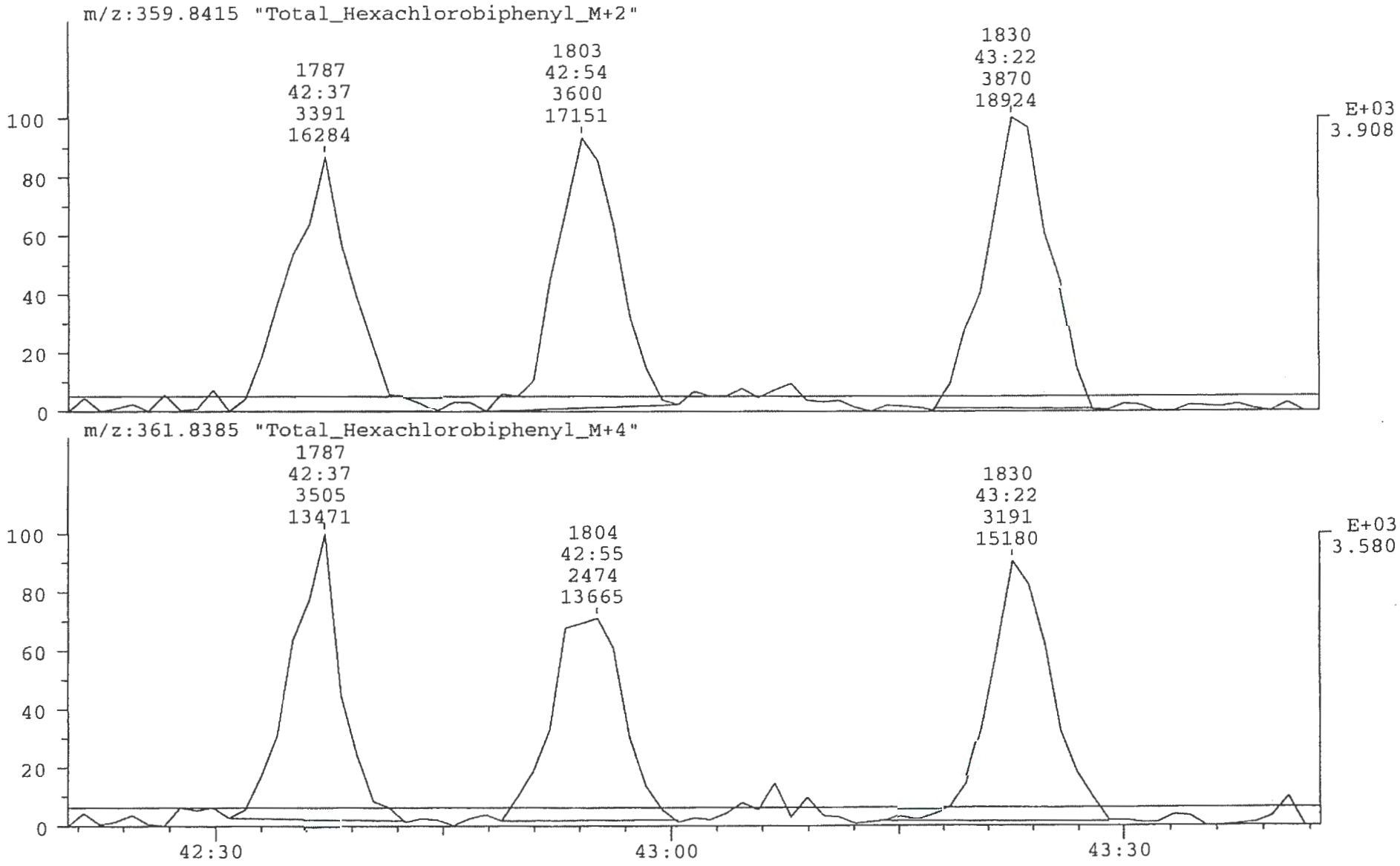
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  41:46      1739
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



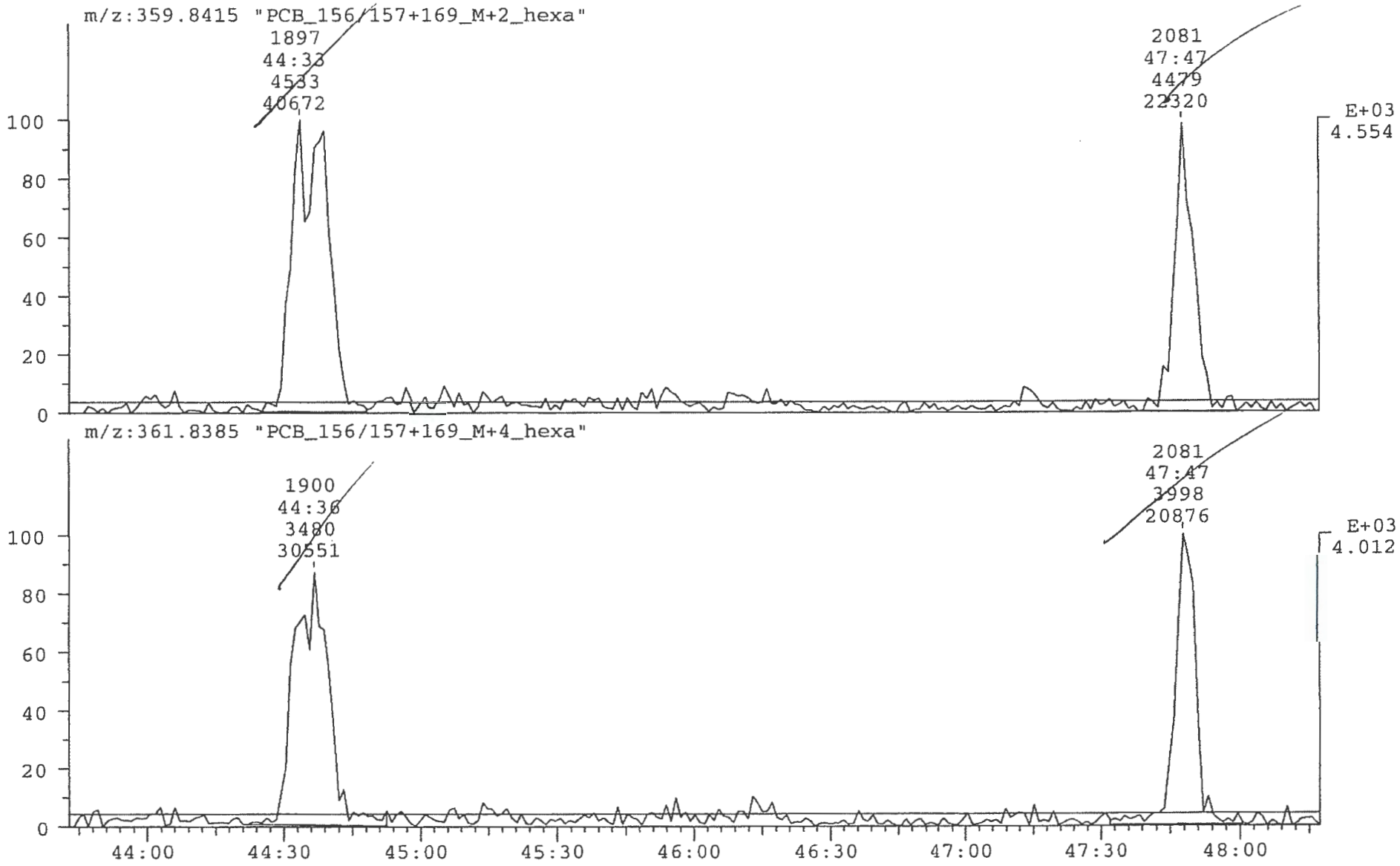
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  43:05      1814
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
```



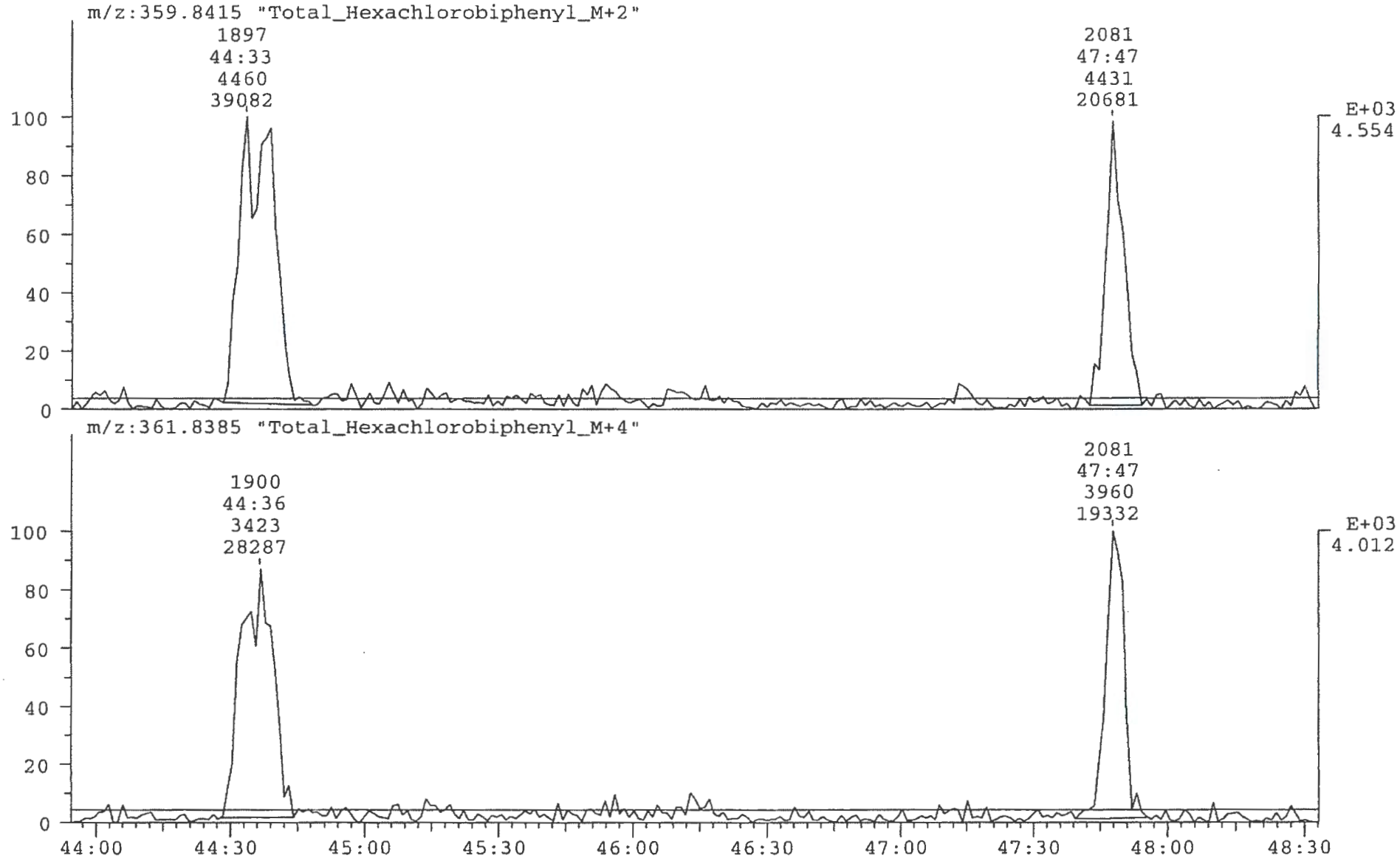
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1771 > 1849          Masses:  181 > 510
Area:  5, 1.40, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



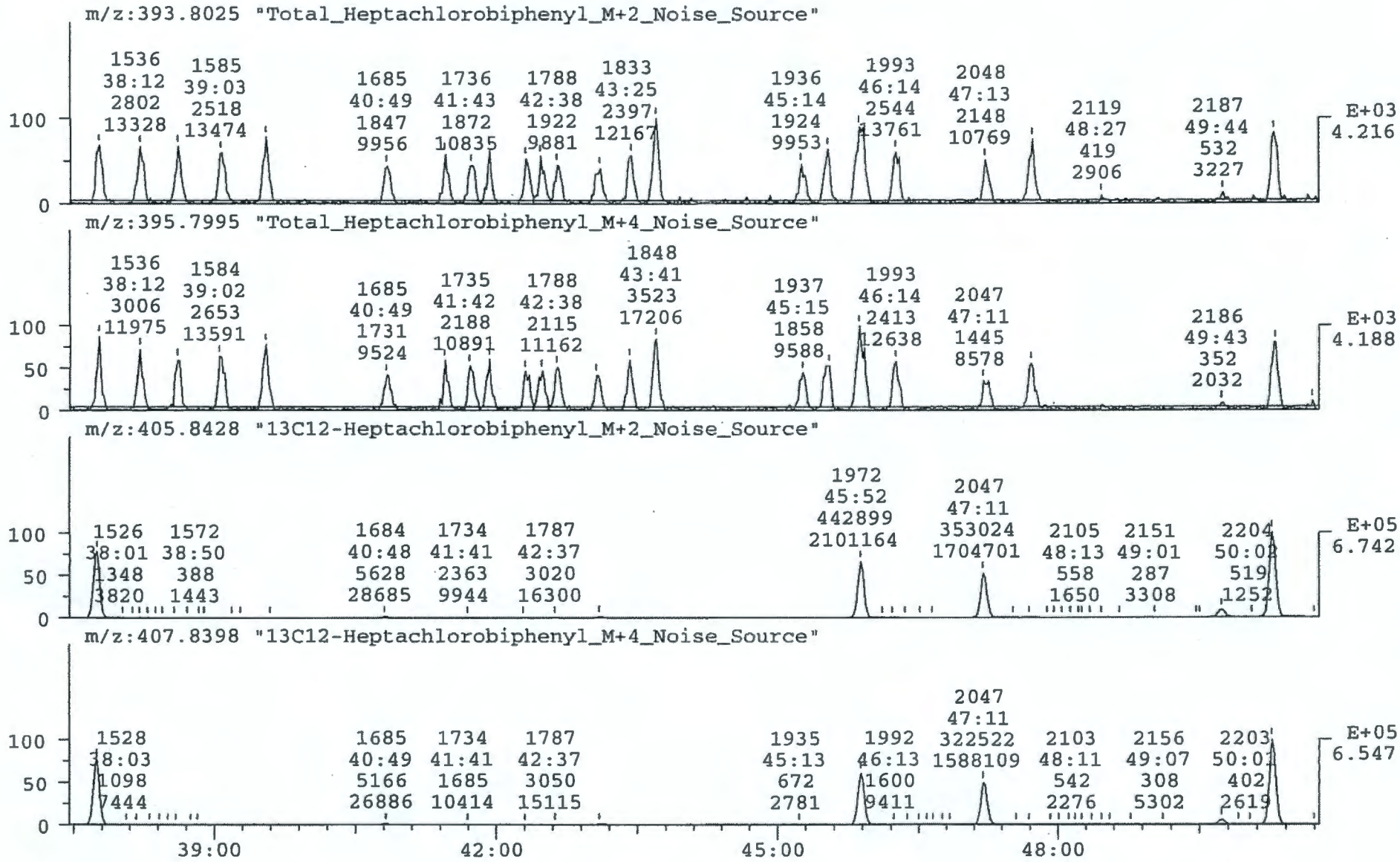
CHRO: a070313i6 13-Mar-07 Elapse: 46:15 1994
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1849 > 2109 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 8 Label : -3, 3.0
Disp: Height Area



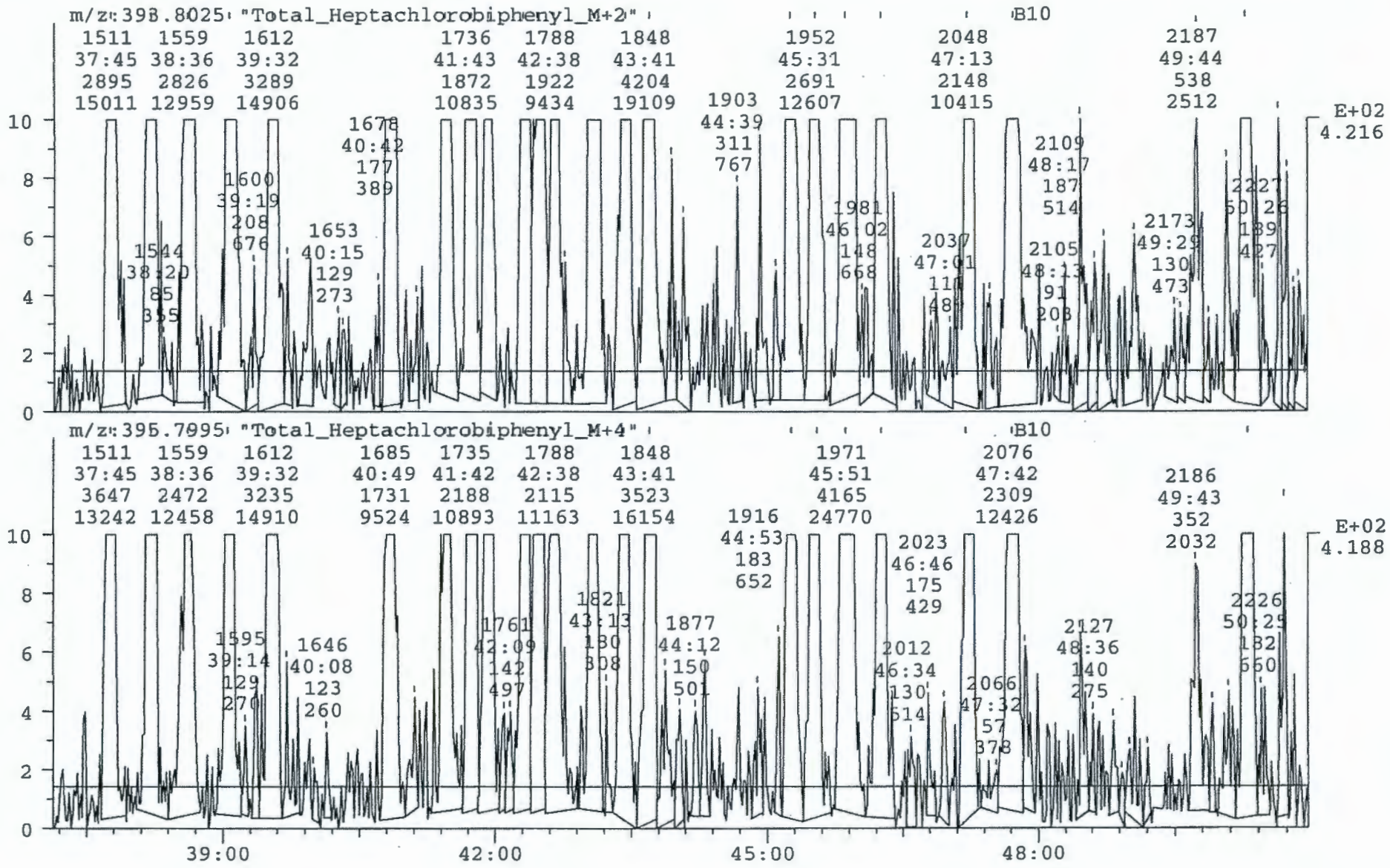
```
CHRO:  a07031316                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1860 > 2124           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



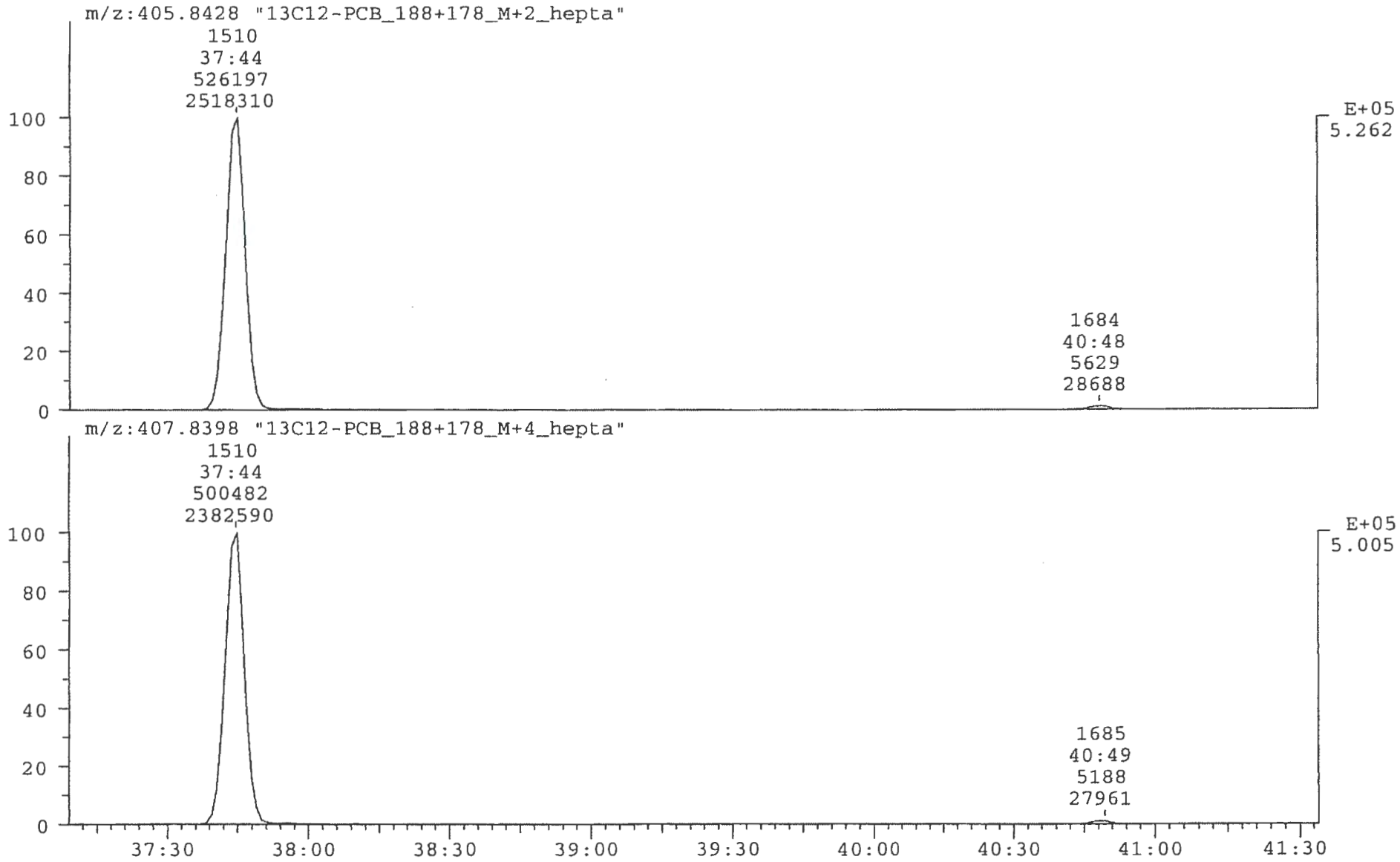
CHRO: a070313i6 13-Mar-07 Elapse: 44:05 1871
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1493 > 2244 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



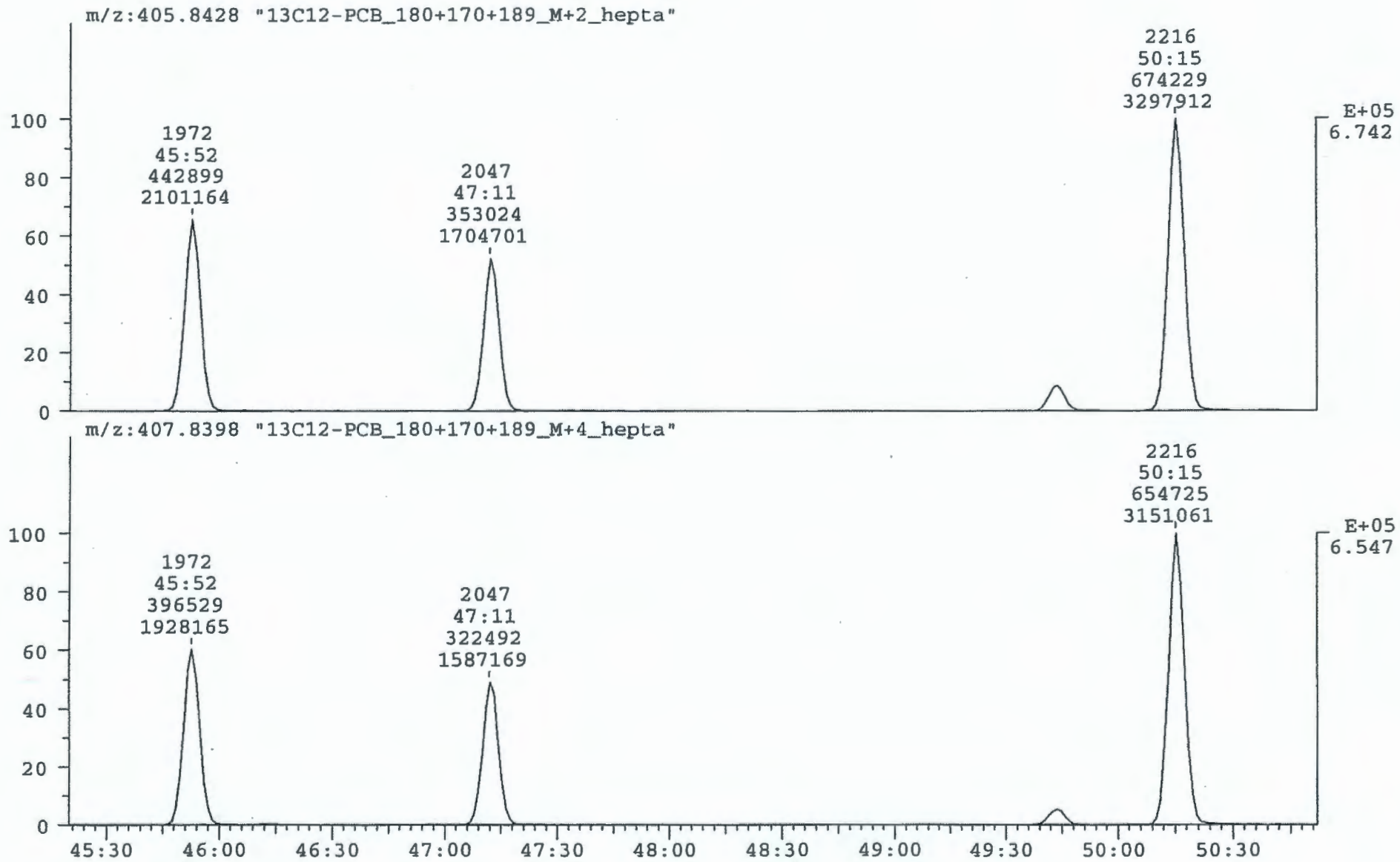
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1475 > 2255           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 1.0
Disp:  Height  Area
```



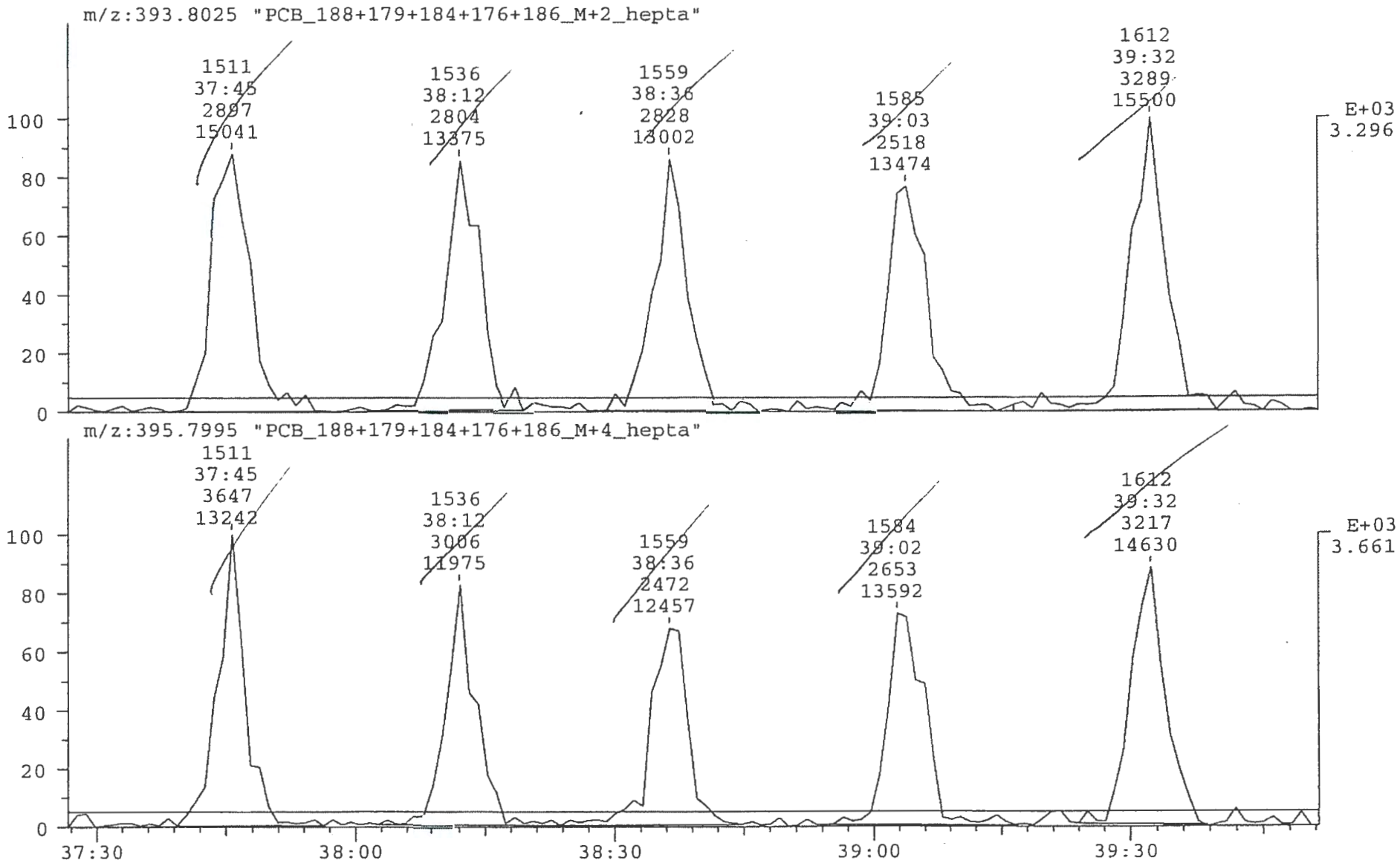
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  39:20      1601
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   3
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
```



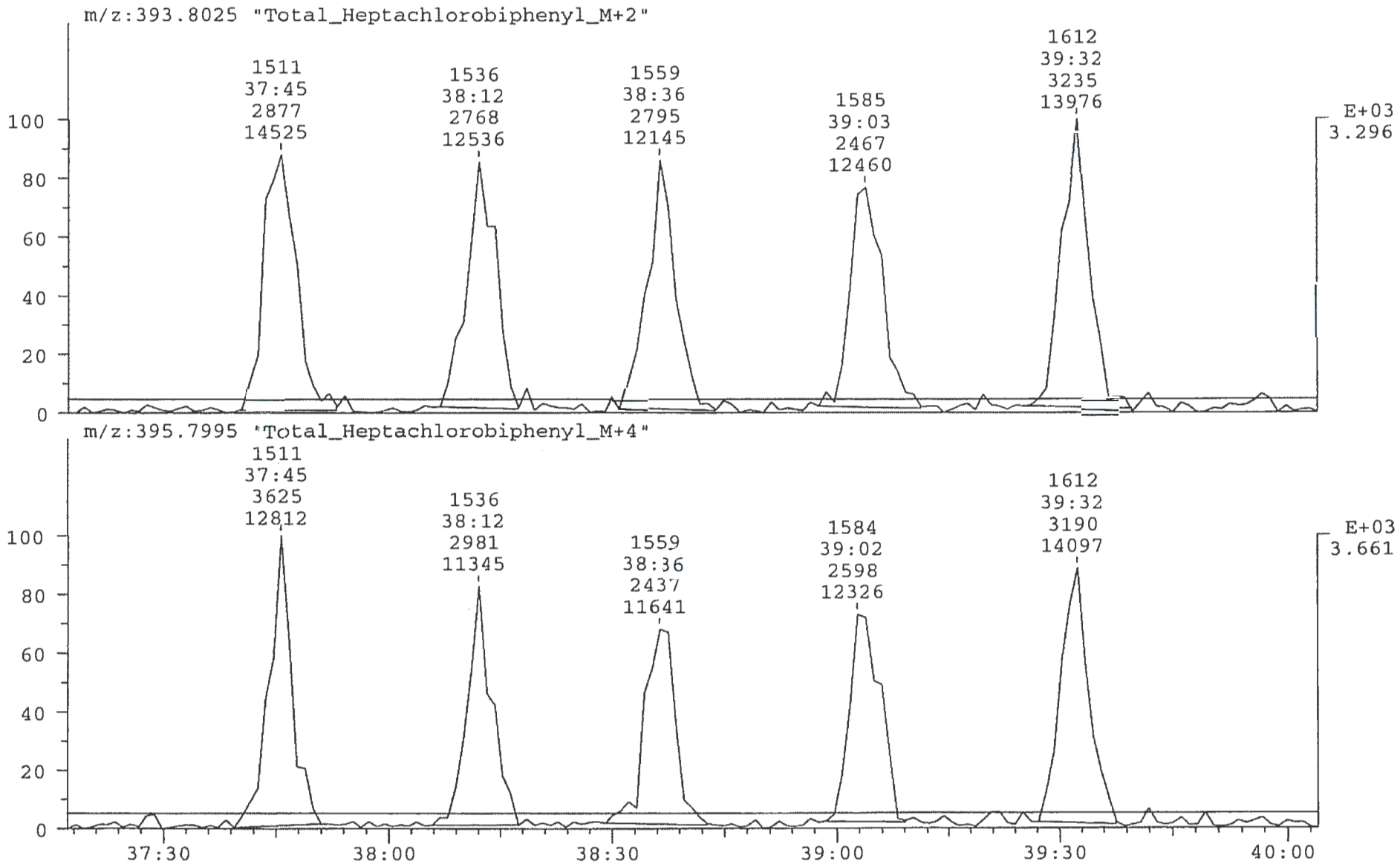
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  48:08      2101
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
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
```



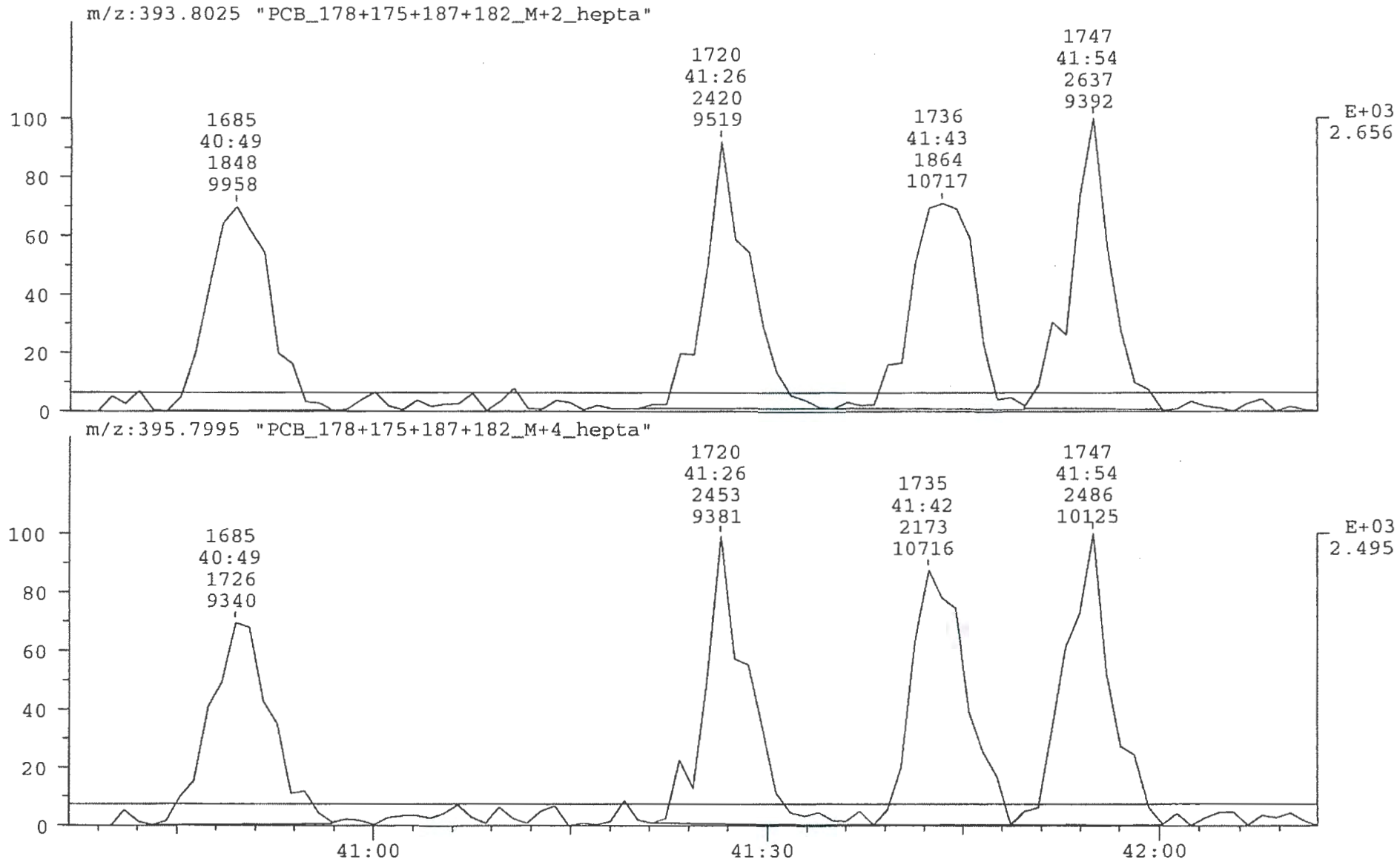
CHRO: a070313i6 13-Mar-07 Elapse: 38:42 1565
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1493 > 1630 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



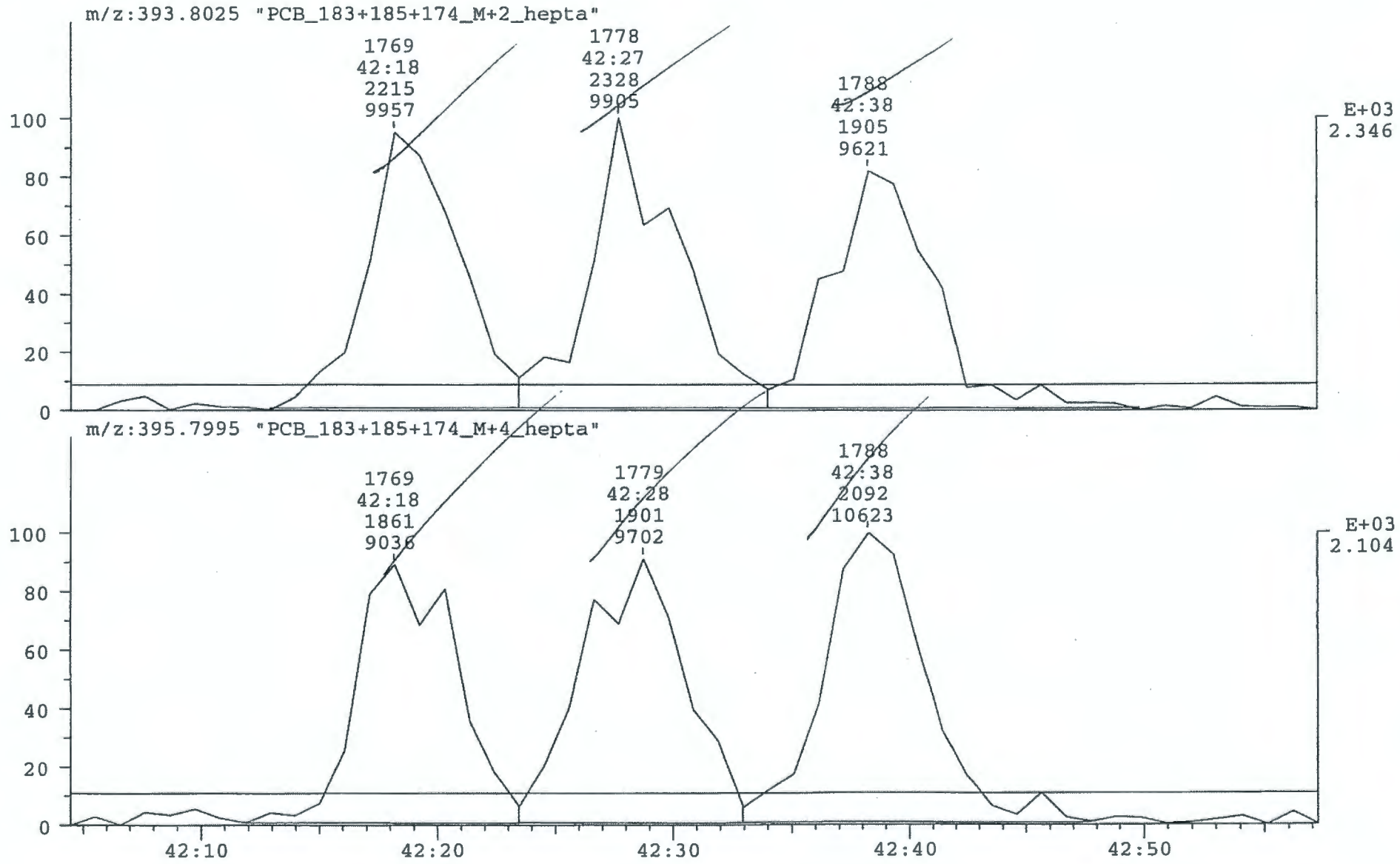
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1484 > 1642           Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



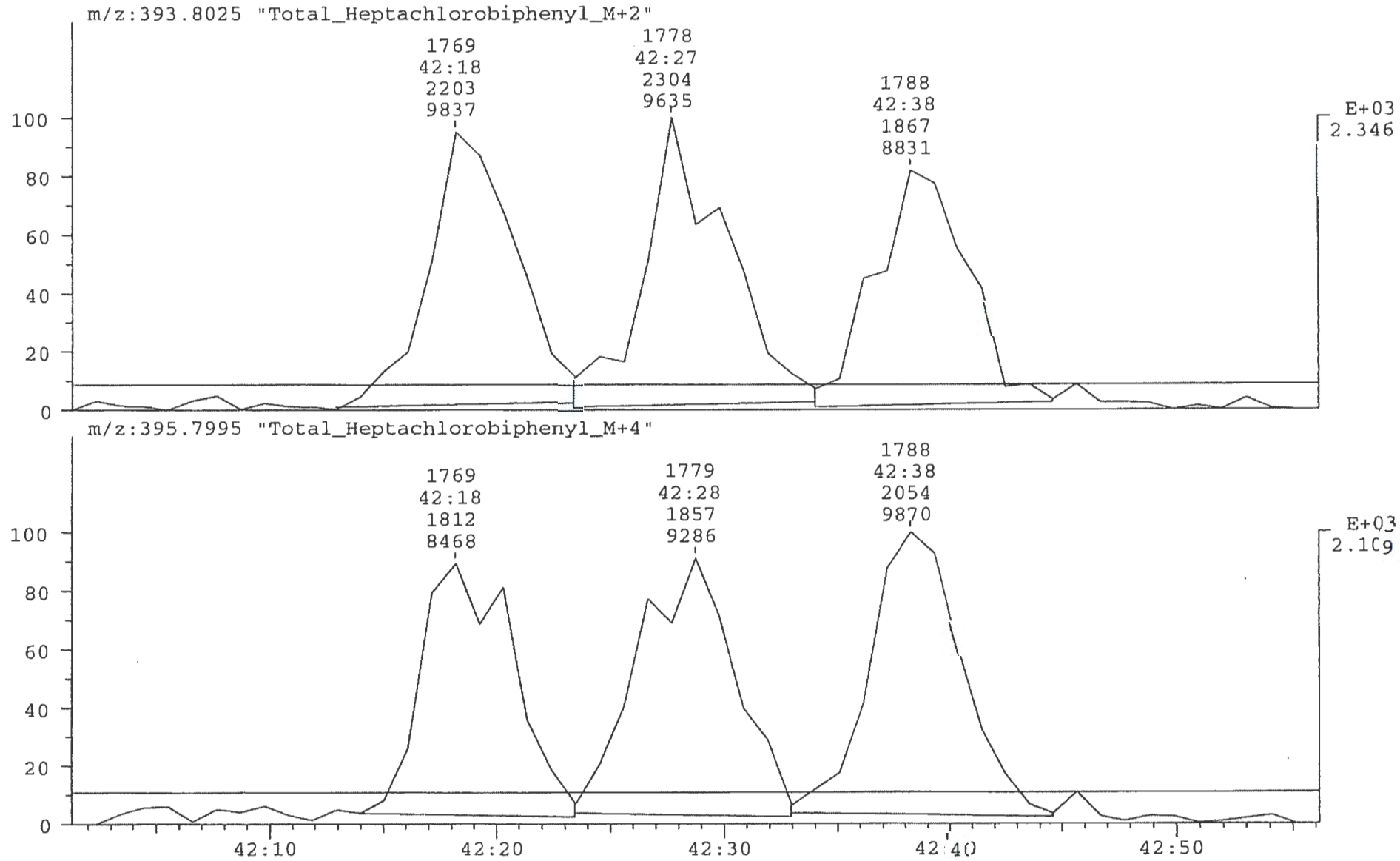
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  41:29      1723
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
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
```



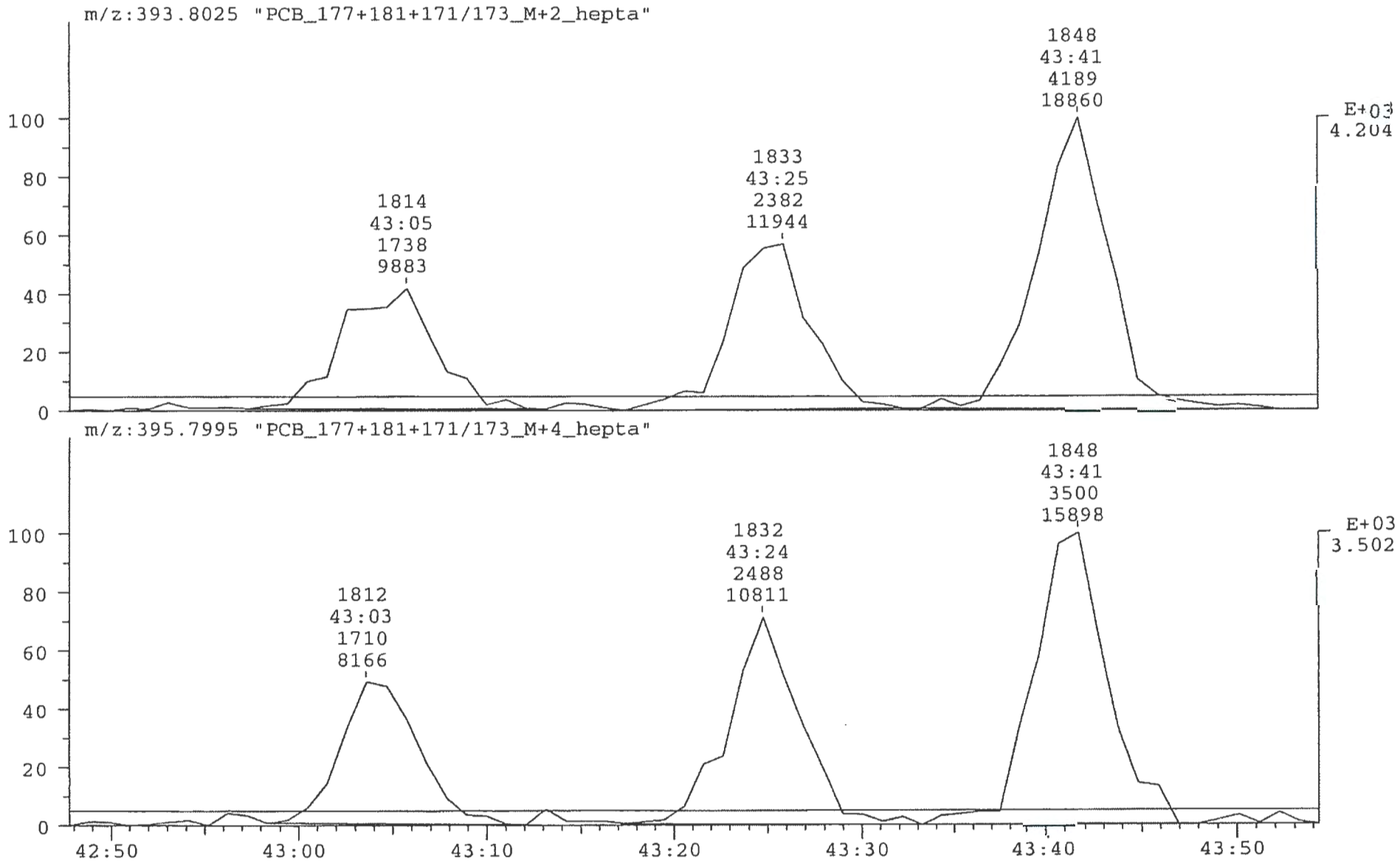
CHRO: a070313i6 13-Mar-07 Elapse: 42:41 1791
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1756 > 1806 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



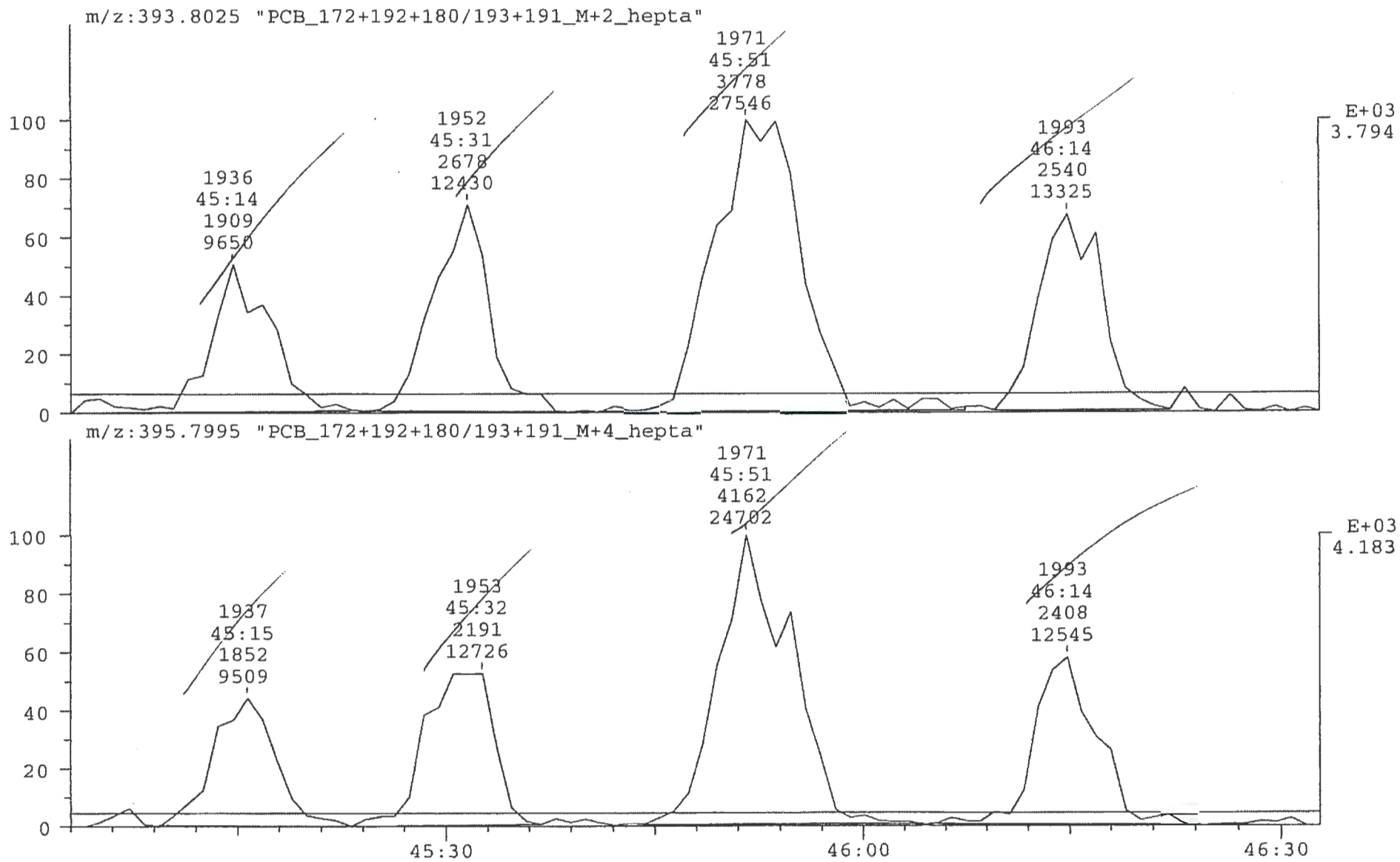
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1753 > 1805 Masses: 181 > 510
Area: 5, 1.20, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



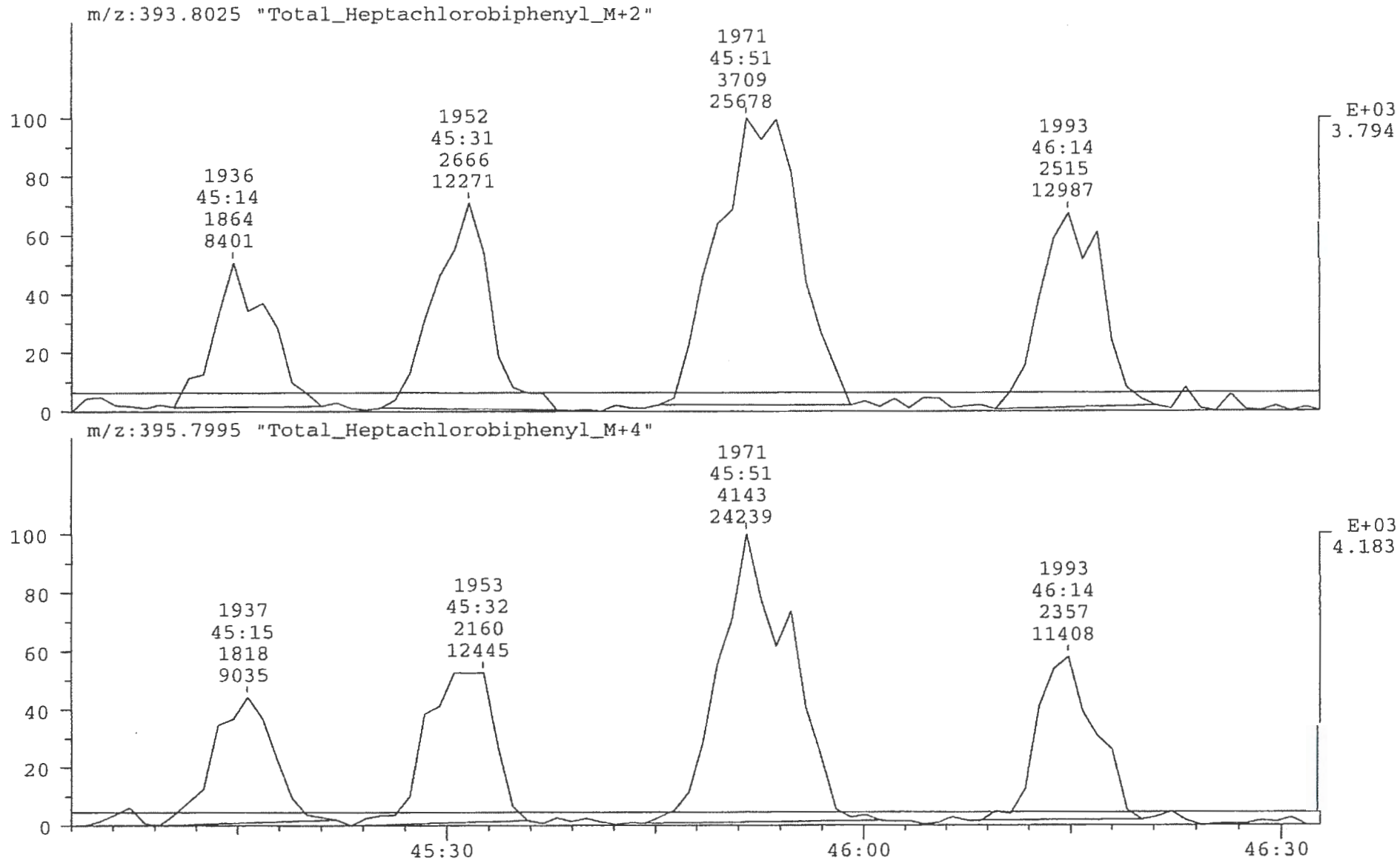
CHRO: a070313i6 13-Mar-07 Elapse: 43:27 1835
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1797 > 1860 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



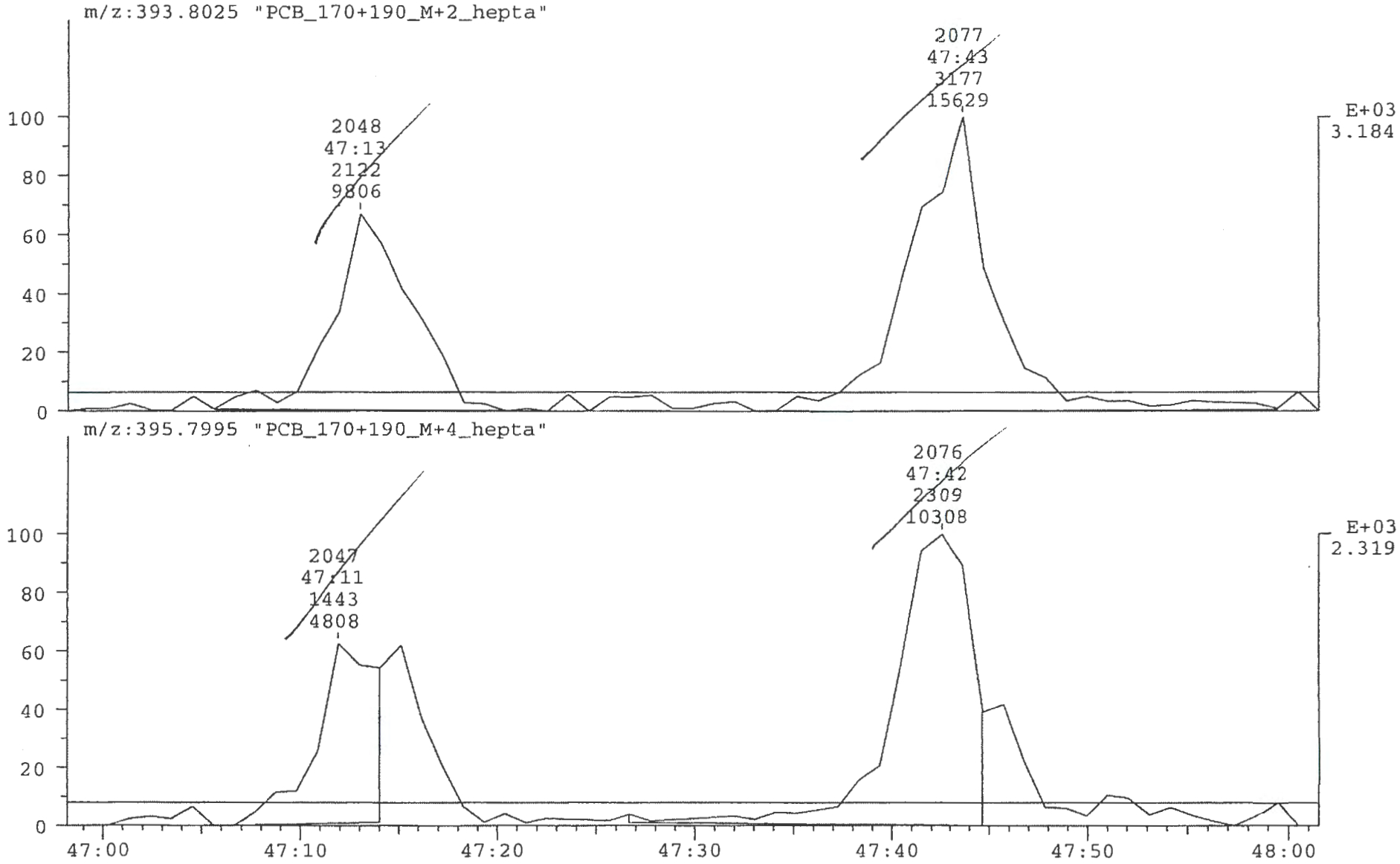
CHRO: a070313i6 13-Mar-07 Elapse: 45:55 1975
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1925 > 2010 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



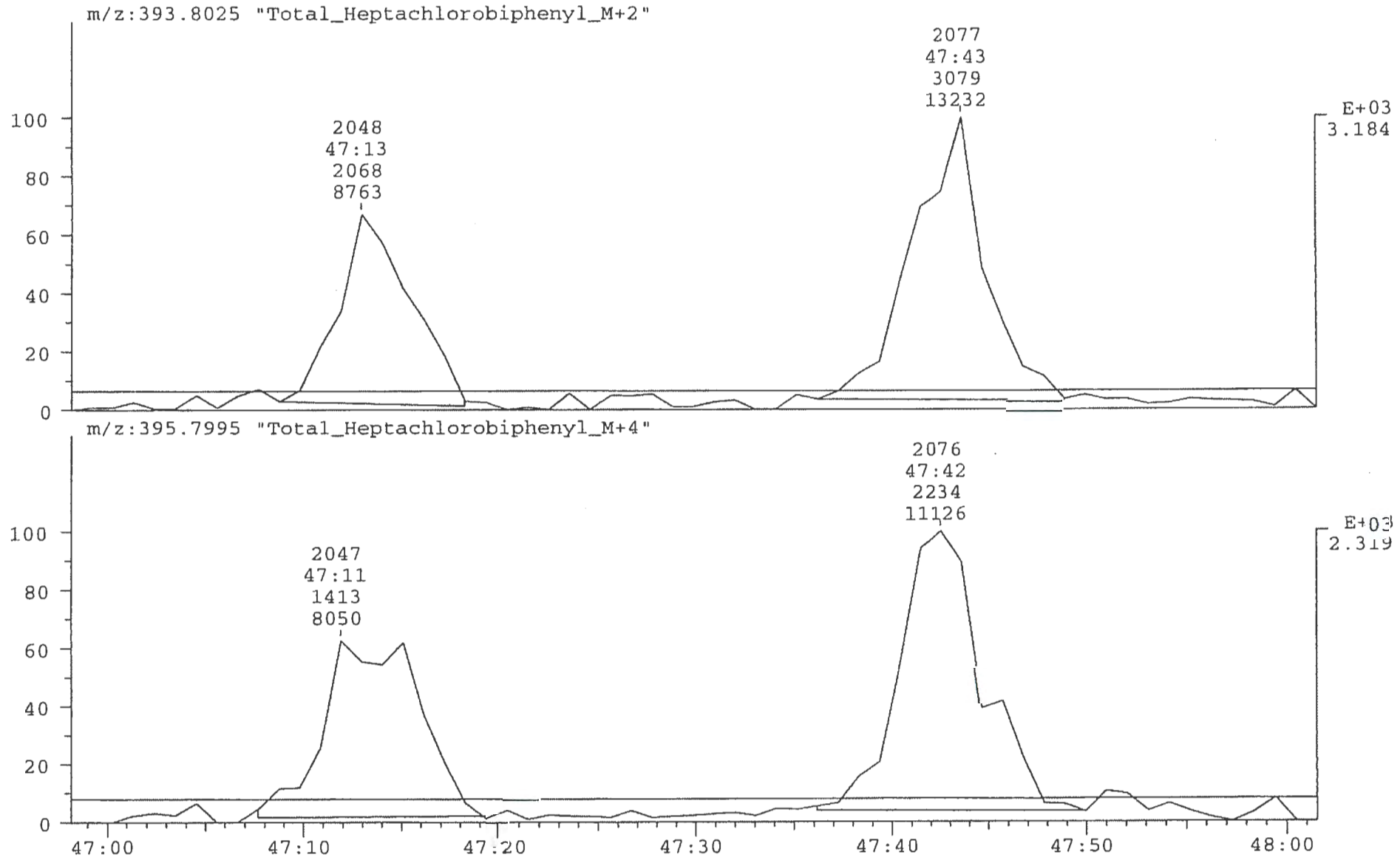
```
CHRO:  a07031316                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1925 > 2010          Masses:  181 > 510
Area:  1, 1.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



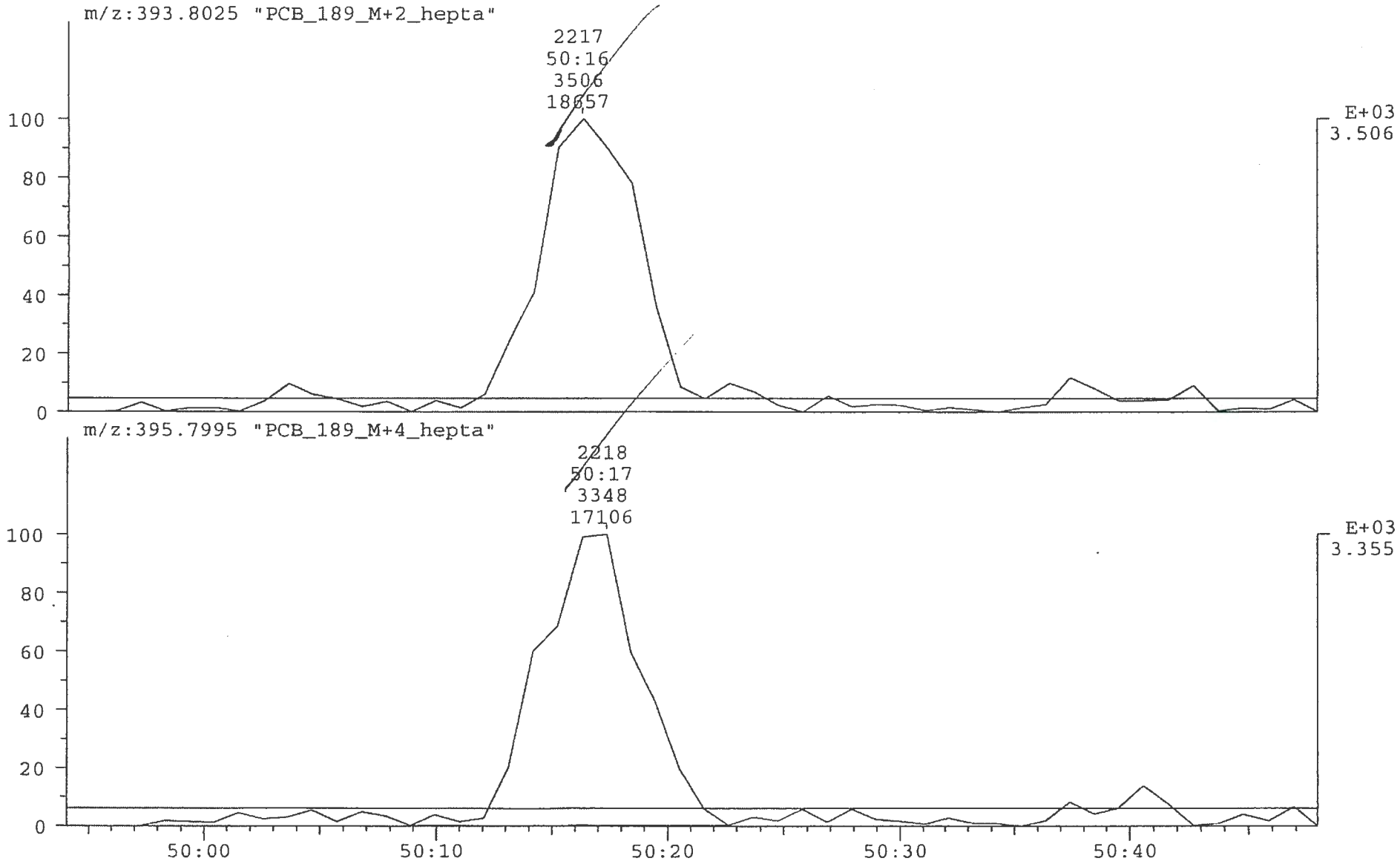
CHRO: a070313i6 13-Mar-07 Elapse: 47:35 2069
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2034 > 2094 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



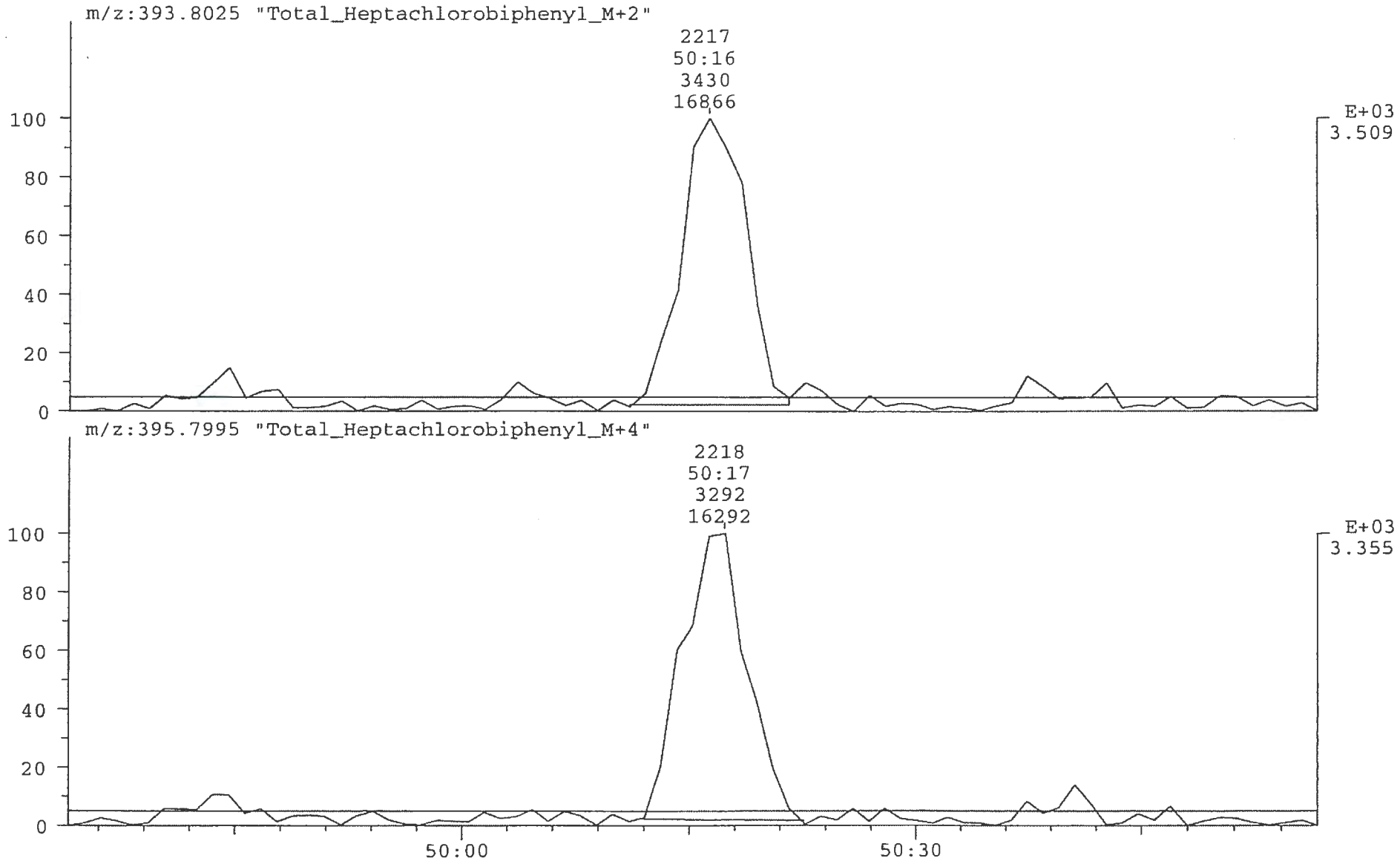
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2034 > 2094 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



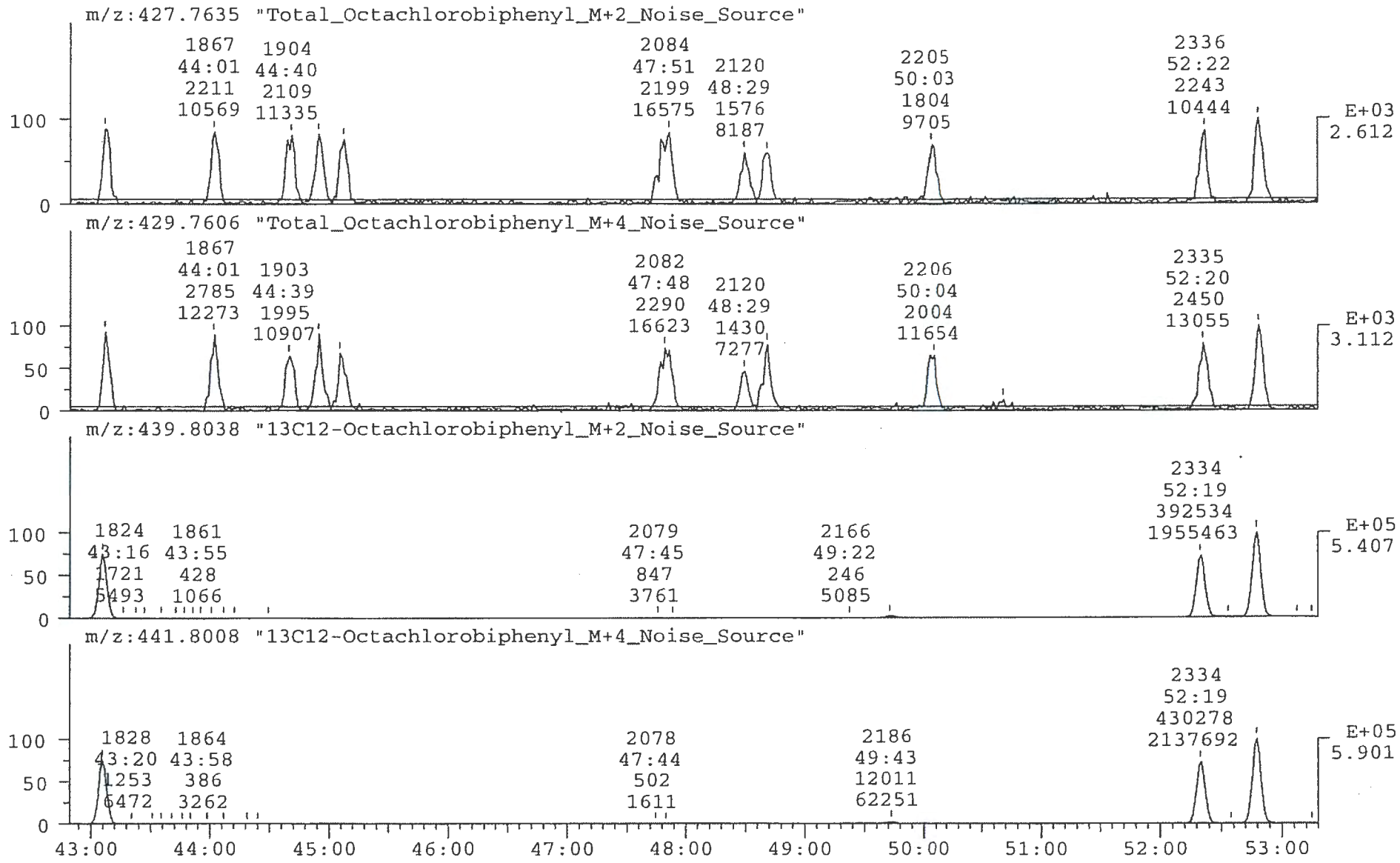
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  50:19      2220
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial  3
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
```



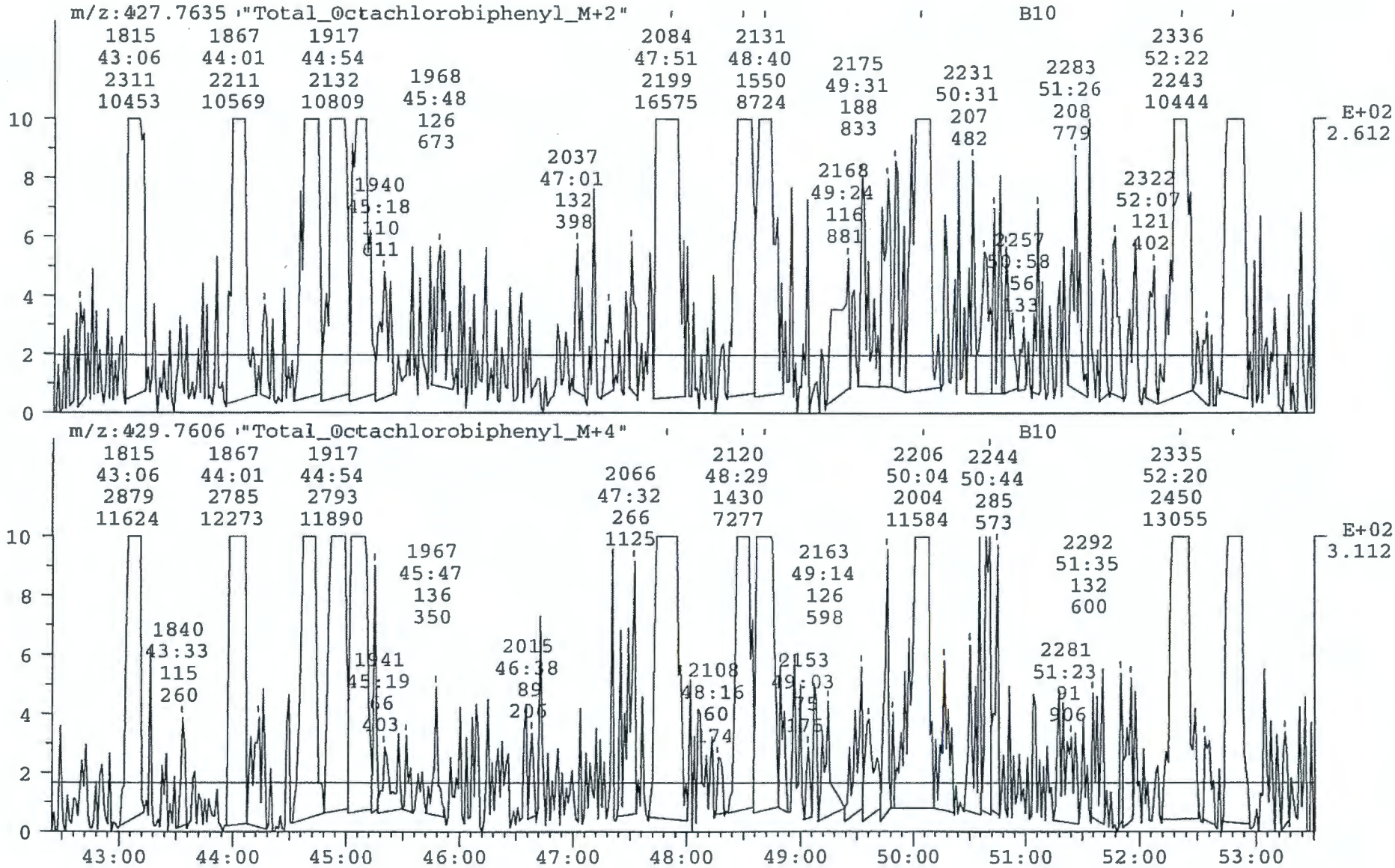
```
CHRO:  a070313i6                                13-Mar-07  Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   2177 > 2255          Masses:  181 > 510
Area:  5, 3.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



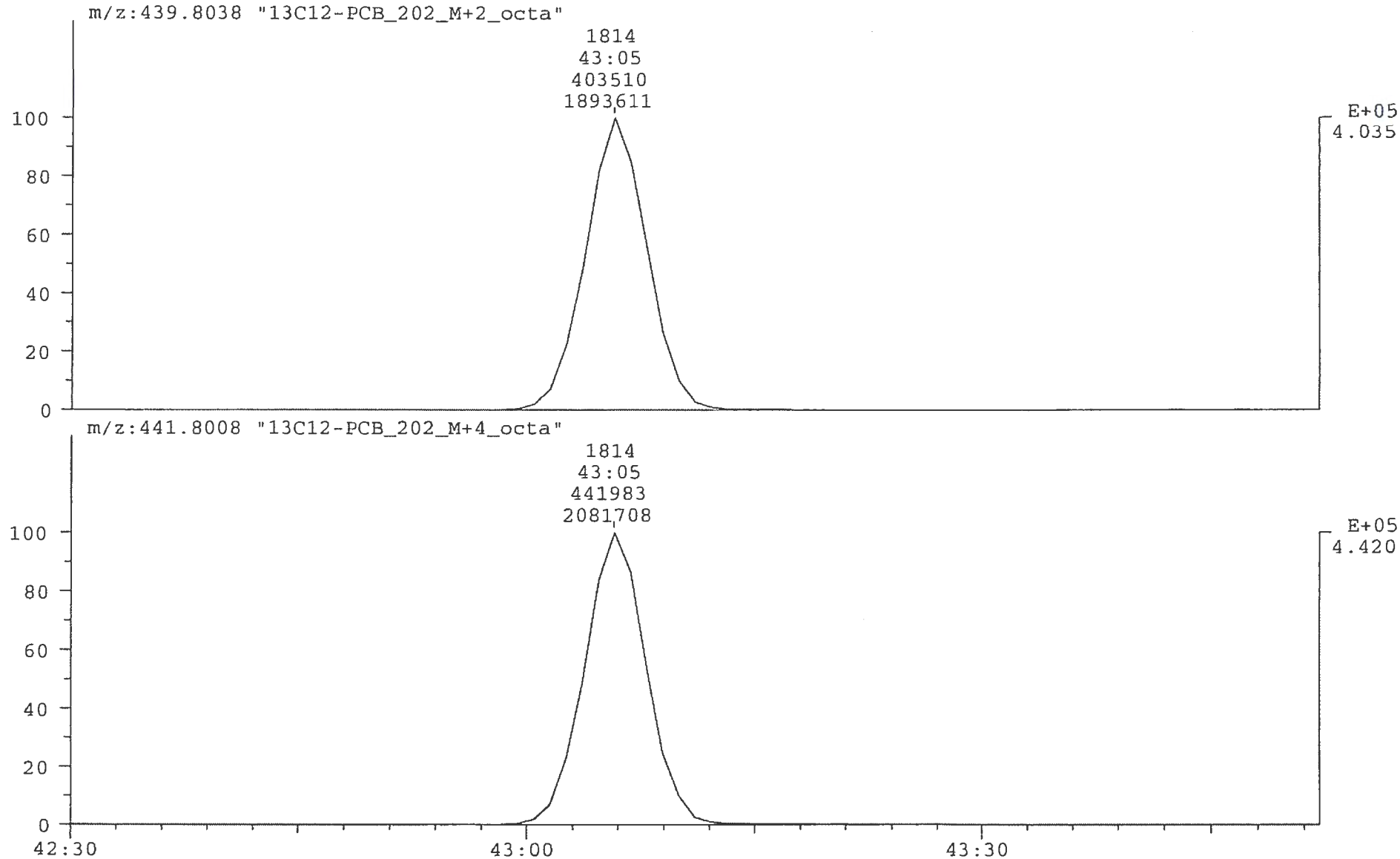
CHRO: a070313i6 13-Mar-07 Elapse: 48:02 2095
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1798 > 2389 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



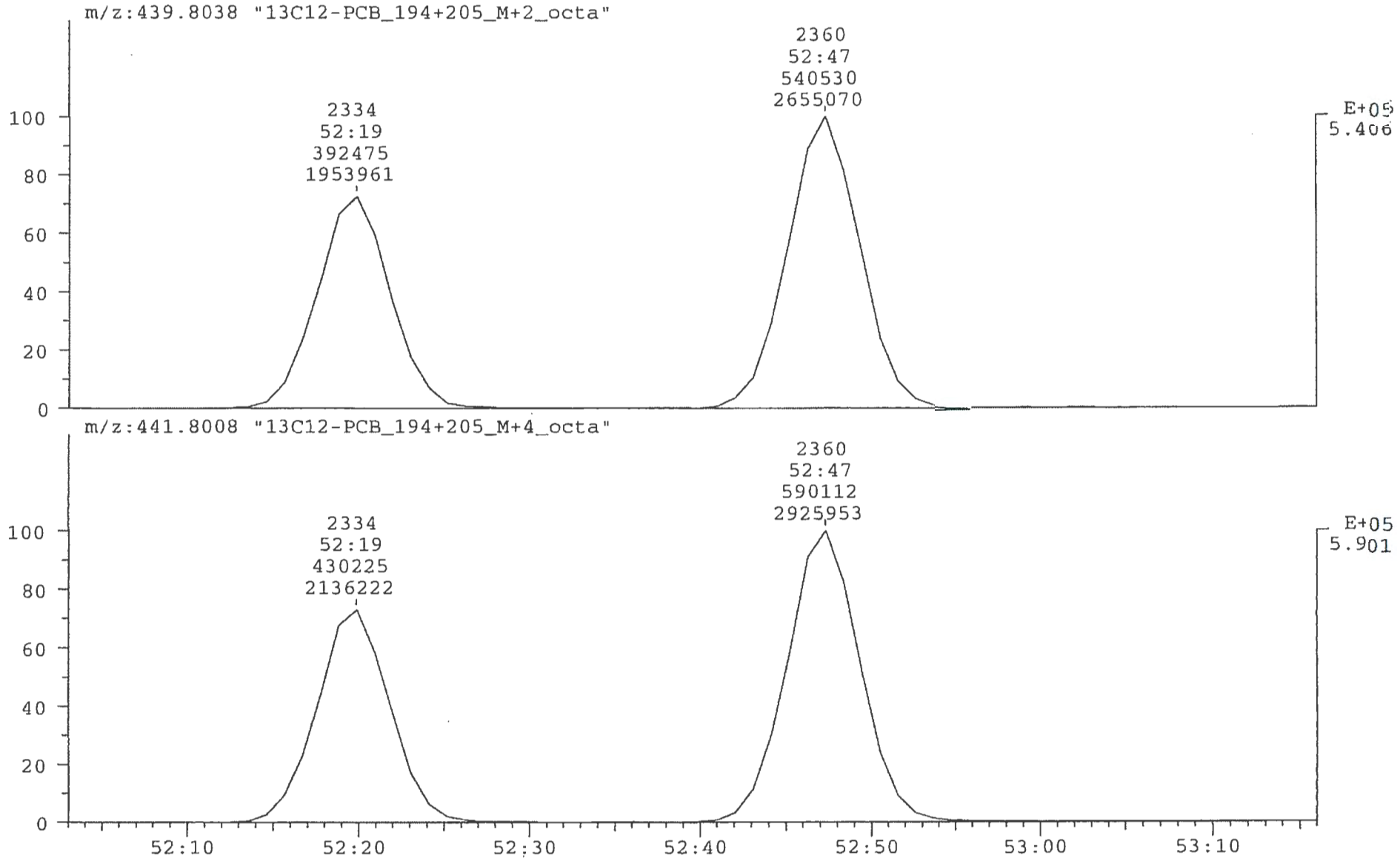
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1775 > 2401 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 1.0
Disp: Height Area



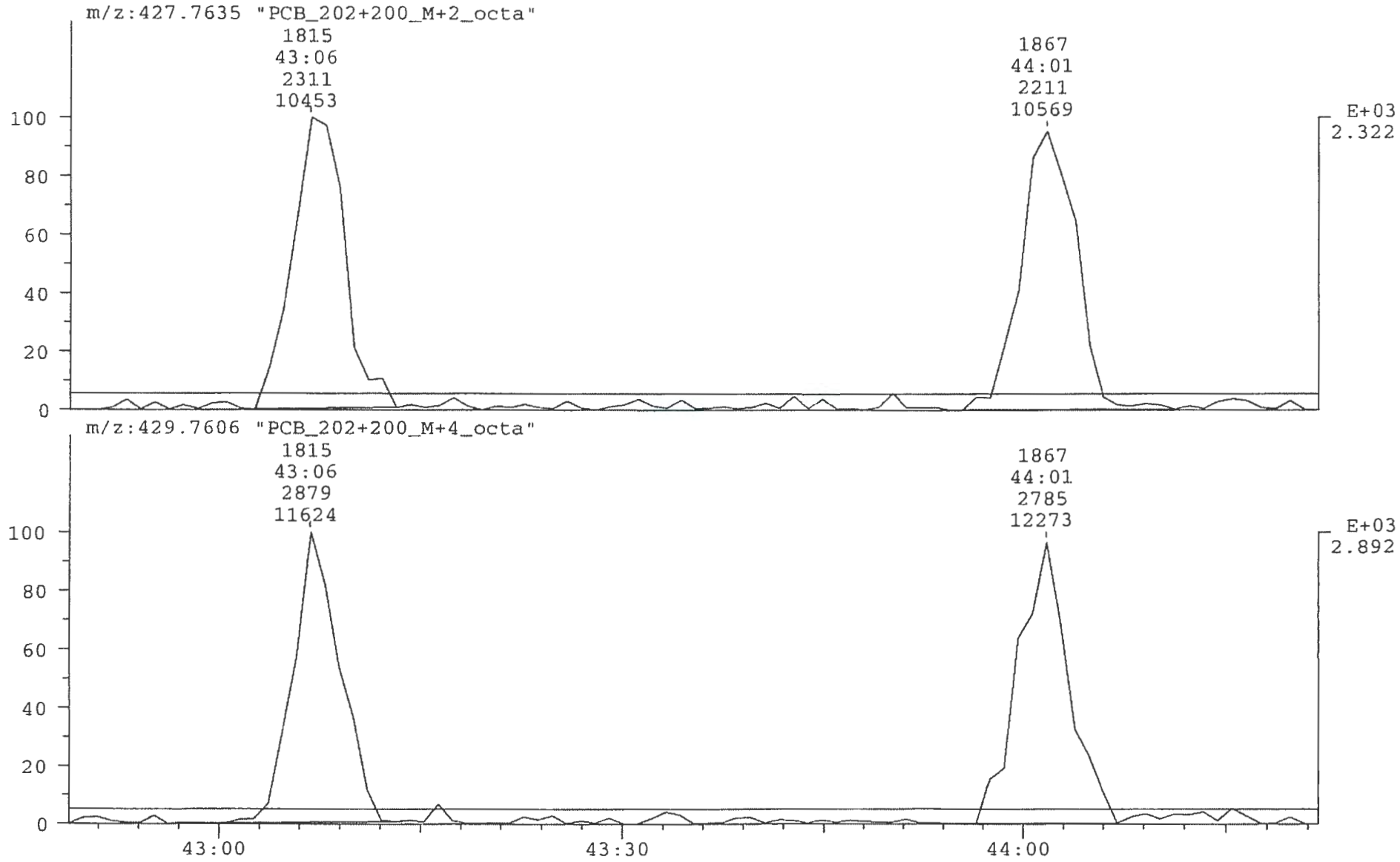
```
CHRO:  a070313i6                              13-Mar-07   Elapse:  43:07      1816
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1              Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1780 > 1858         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



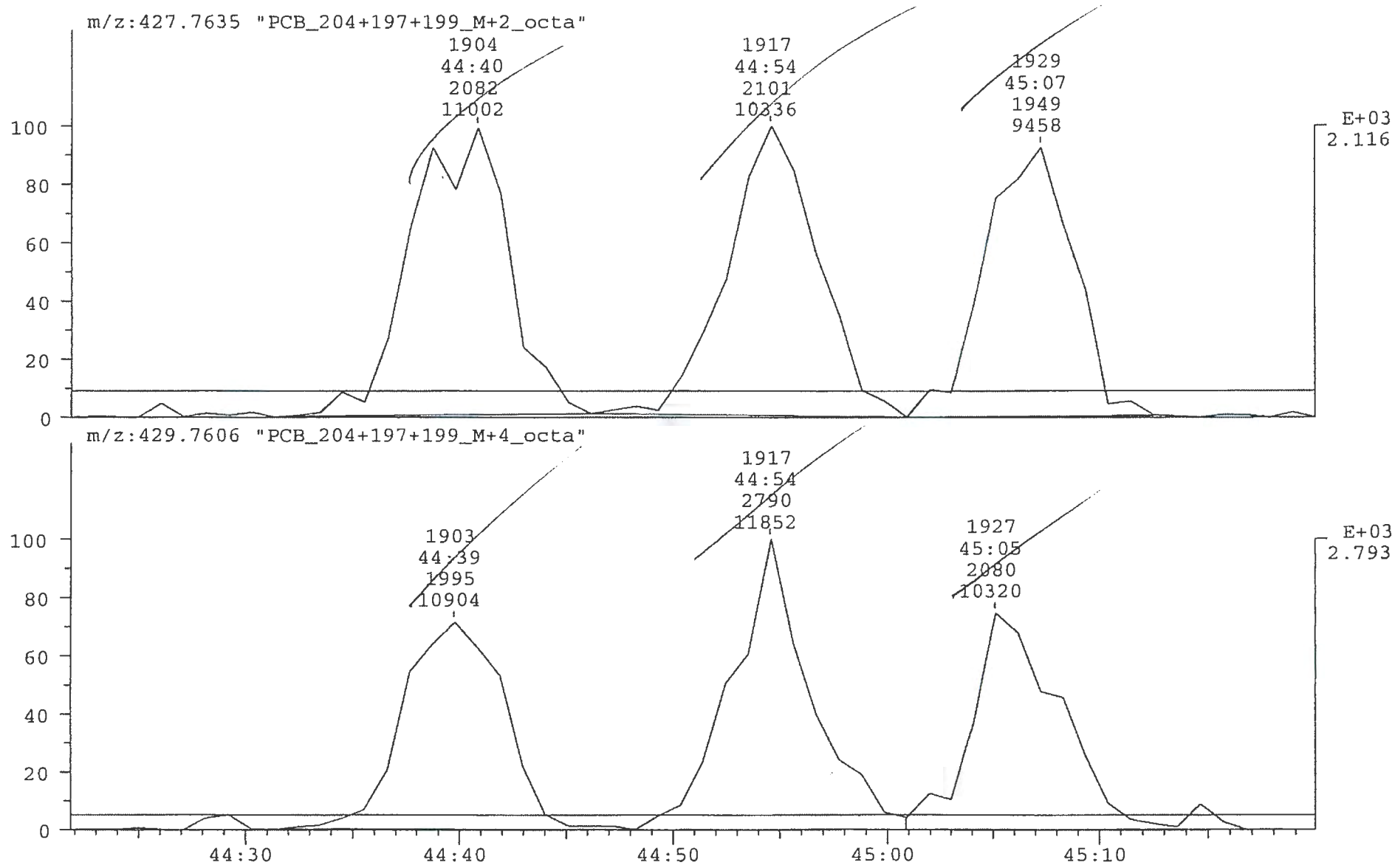
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  52:38      2352
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
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
```



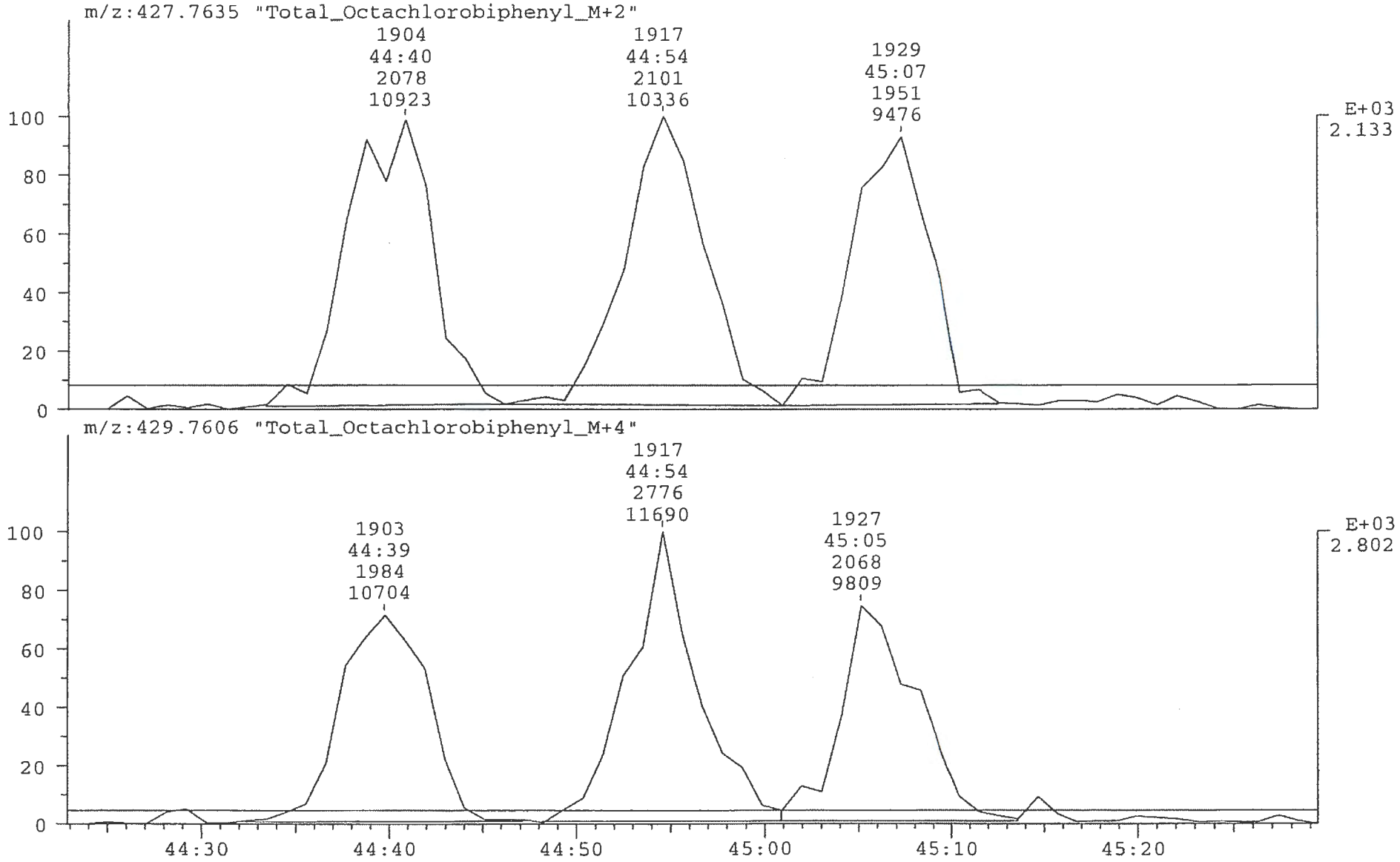
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  43:39      1846
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   1798 > 1886           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



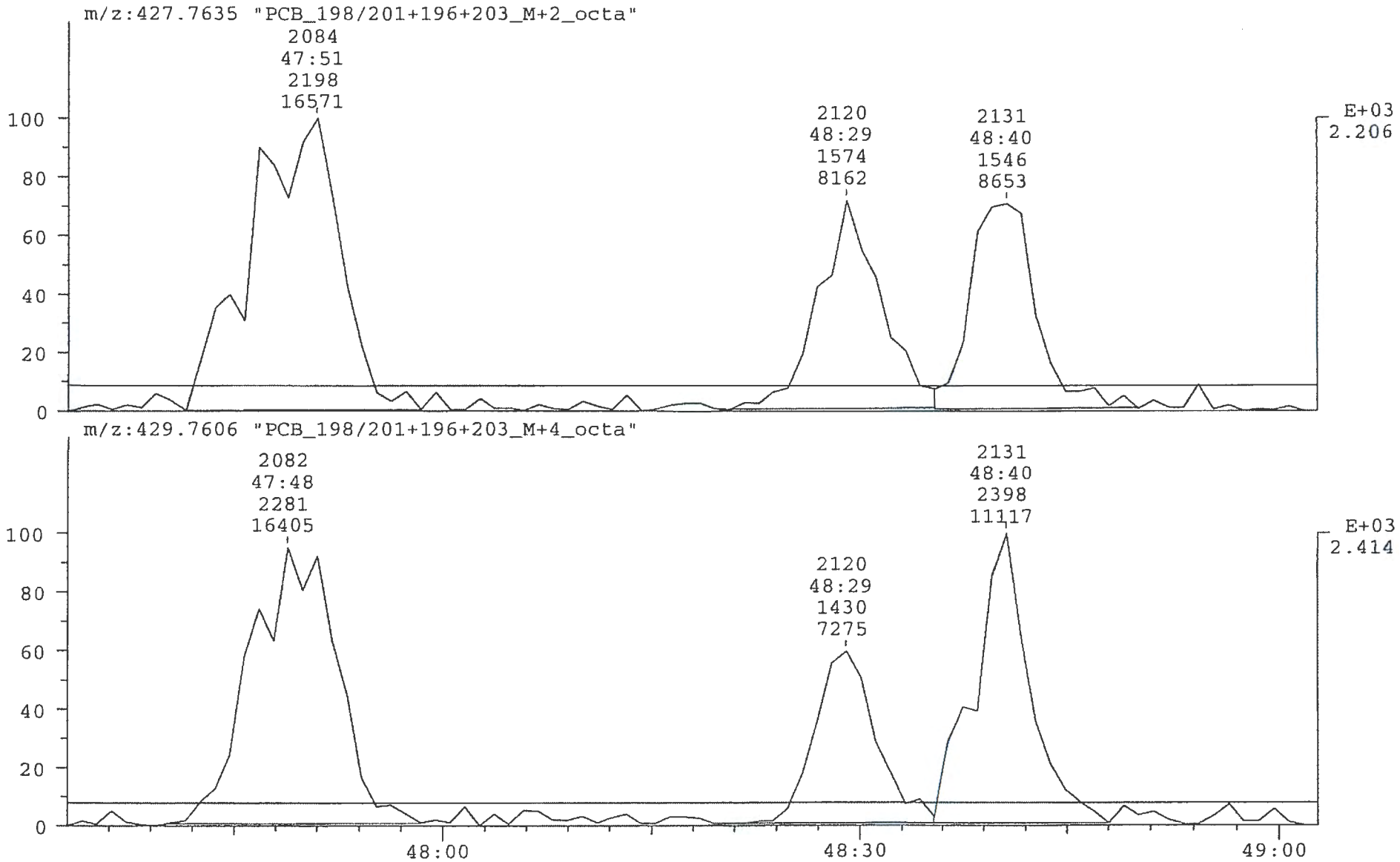
CHRO: a070313i6 13-Mar-07 Elapse: 44:42 1906
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1886 > 1941 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



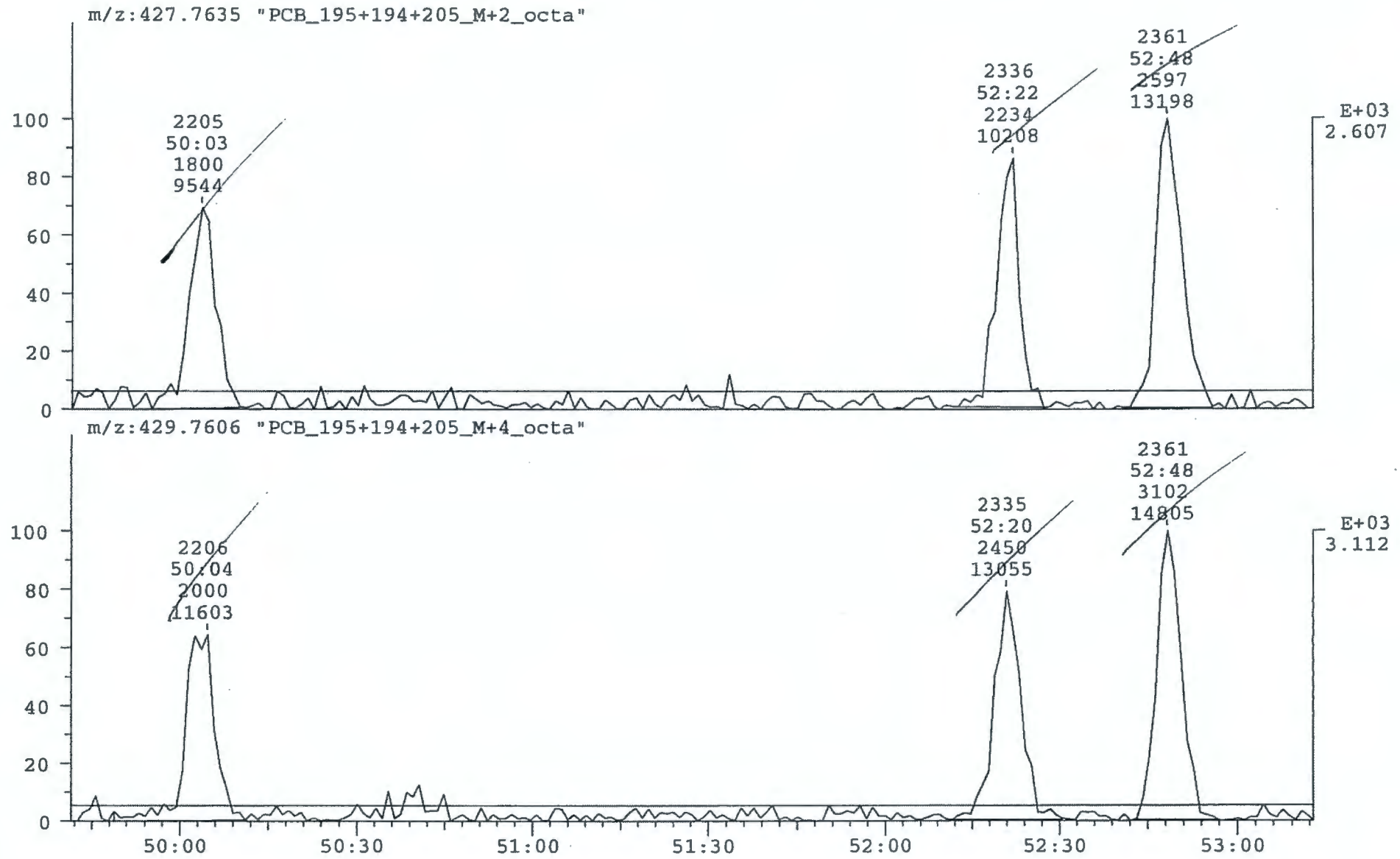
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 1887 > 1950 Masses: 181 > 510
Area: 5, 1.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



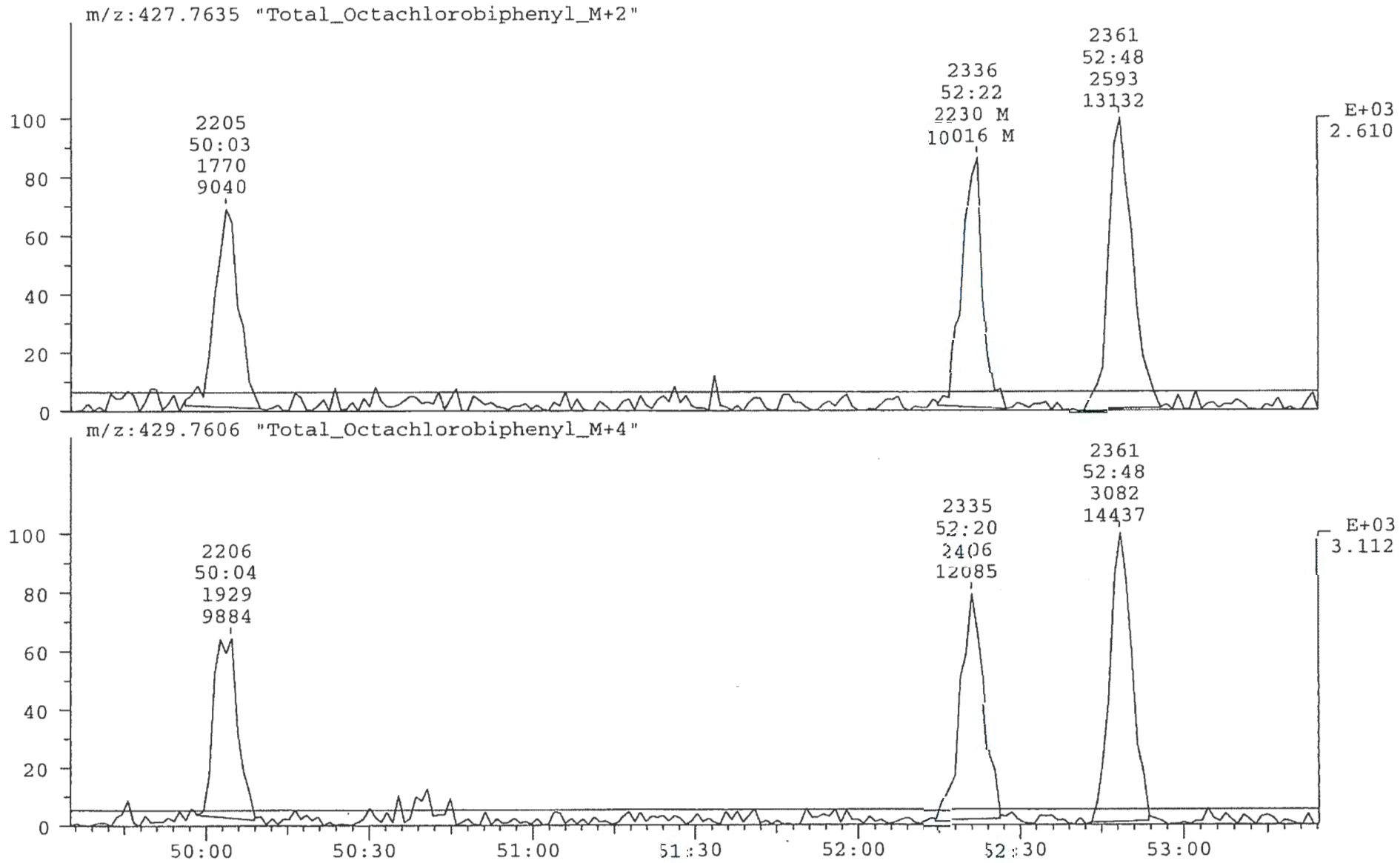
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  48:33      2124
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial  3
Peak:  100.00  ppm     Label wndw:   2067 > 2152           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



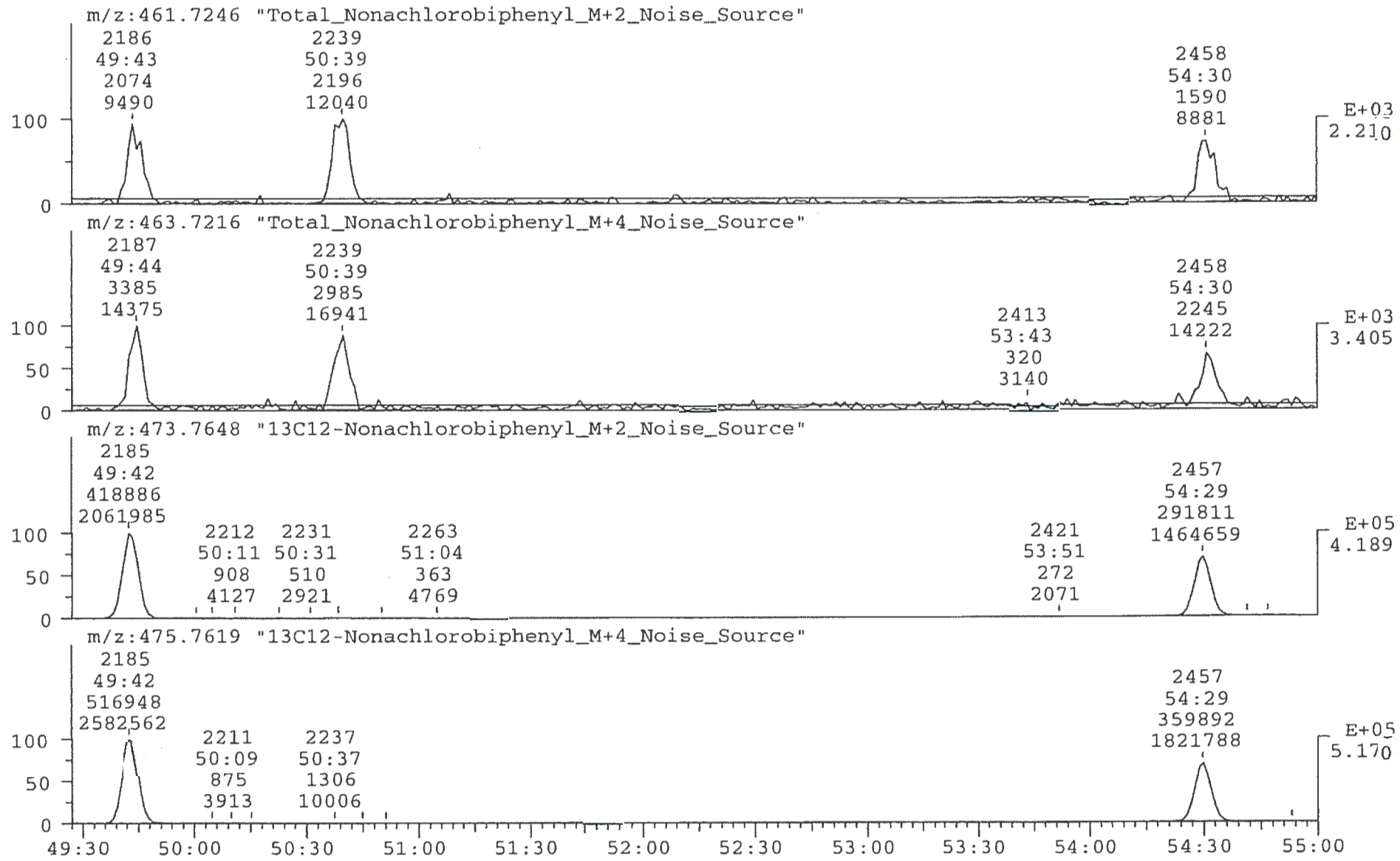
CHRO: a070313i6 13-Mar-07 Elapse: 52:25 2339
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2184 > 2384 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



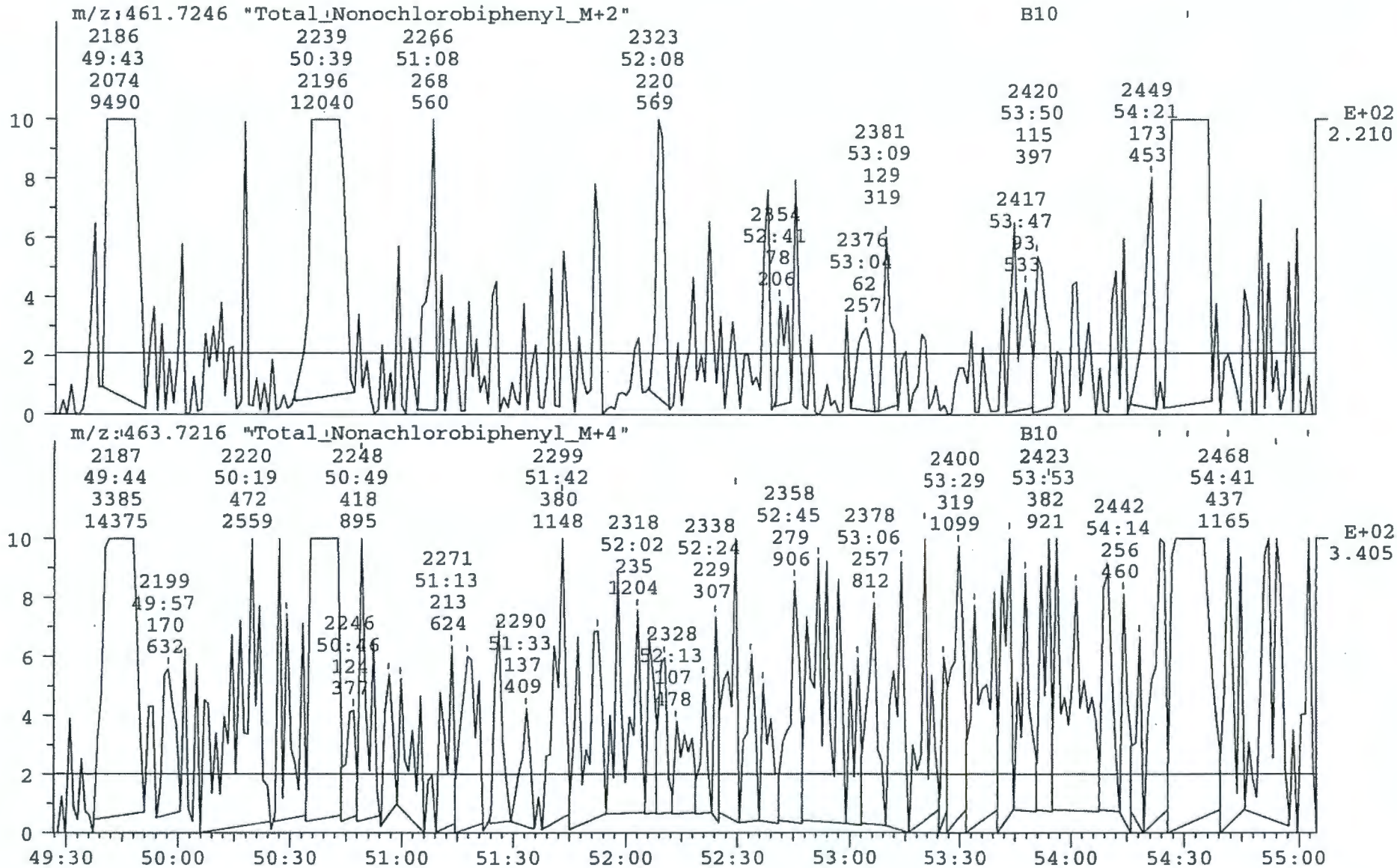
CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2178 > 2395 Masses: 181 > 510
Area: 5, 2.30, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



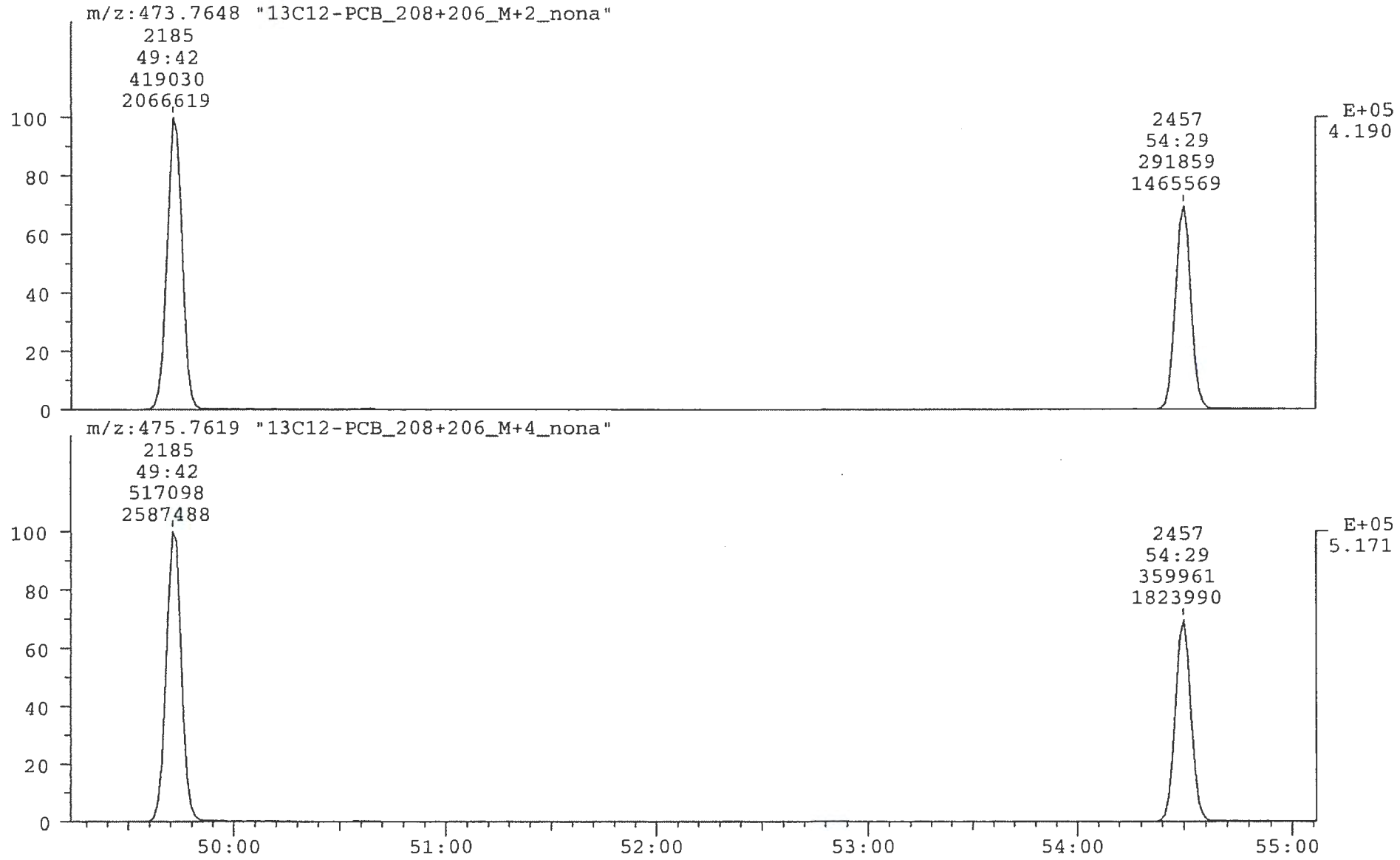
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  52:13      2328
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   2170 > 2486           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



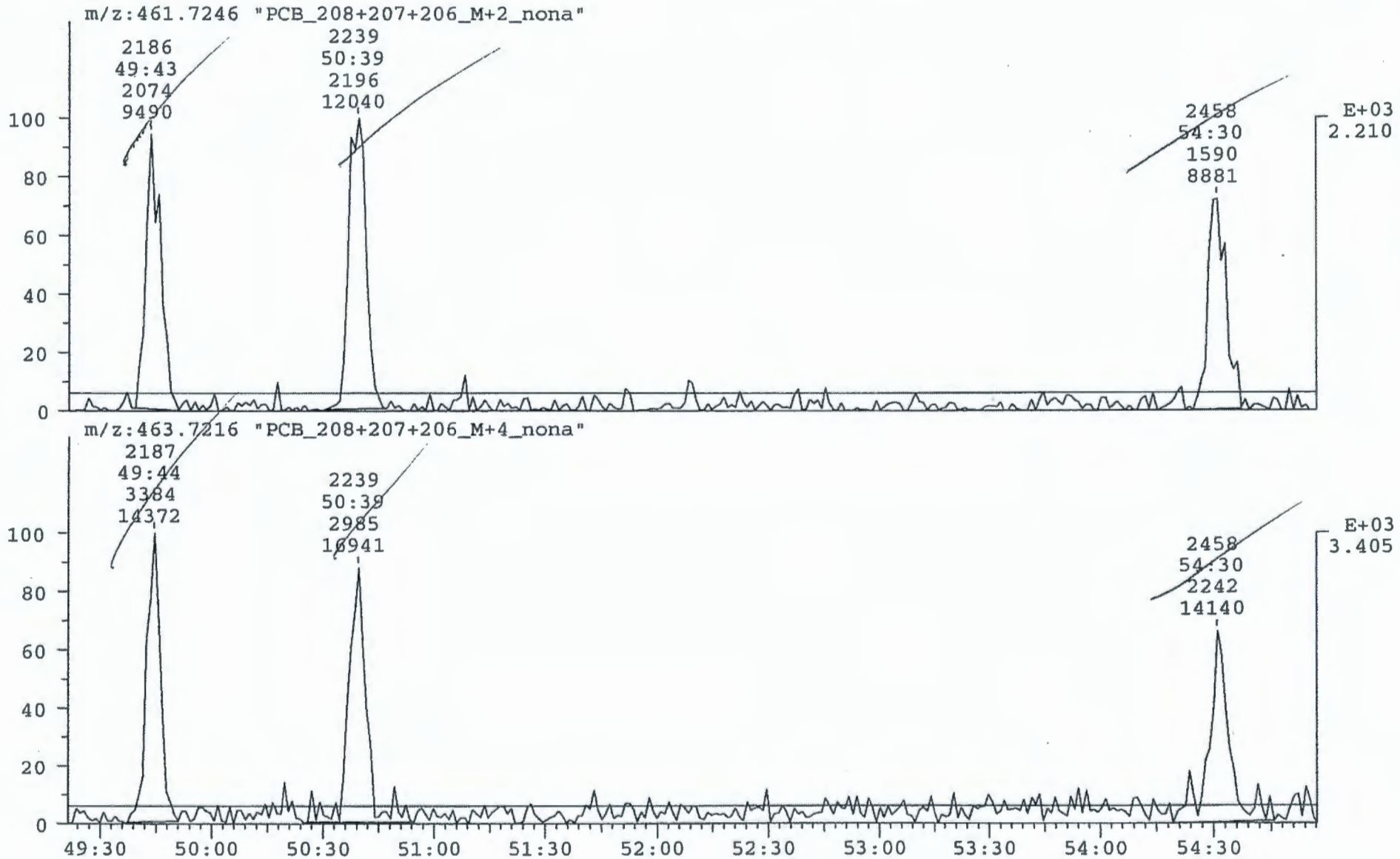
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  3
Peak:  100.00  ppm      Label wndw:   2170 > 2490           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 1.0
Disp:  Height  Area
```



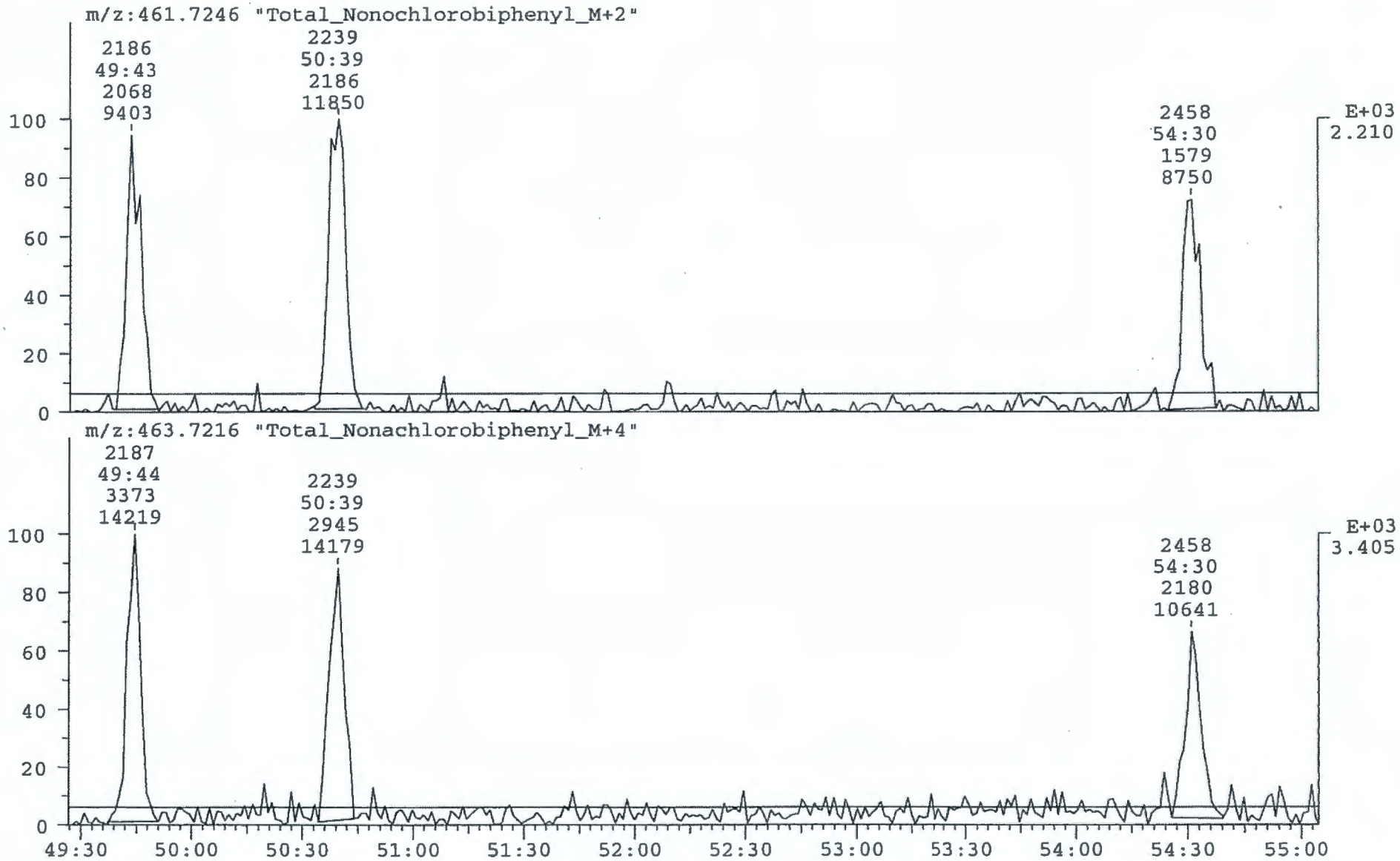
```
CHRO:  a070313i6                                13-Mar-07   Elapse:  52:12      2327
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
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: a070313i6 13-Mar-07 Elapse: 52:13 2328
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
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: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2170 > 2490 Masses: 181 > 510
Area: 5, 1.40, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



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CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
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
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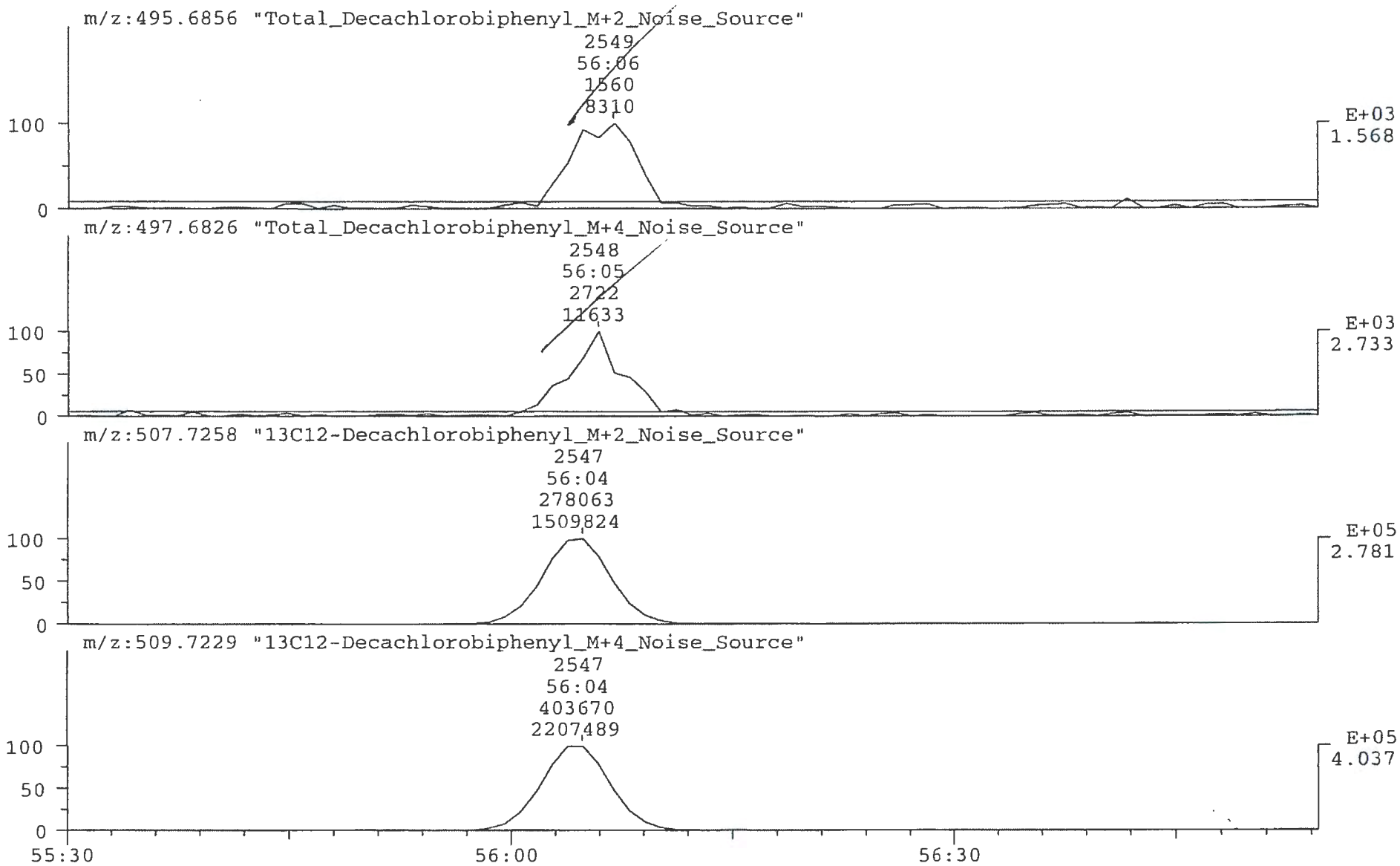

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CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
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
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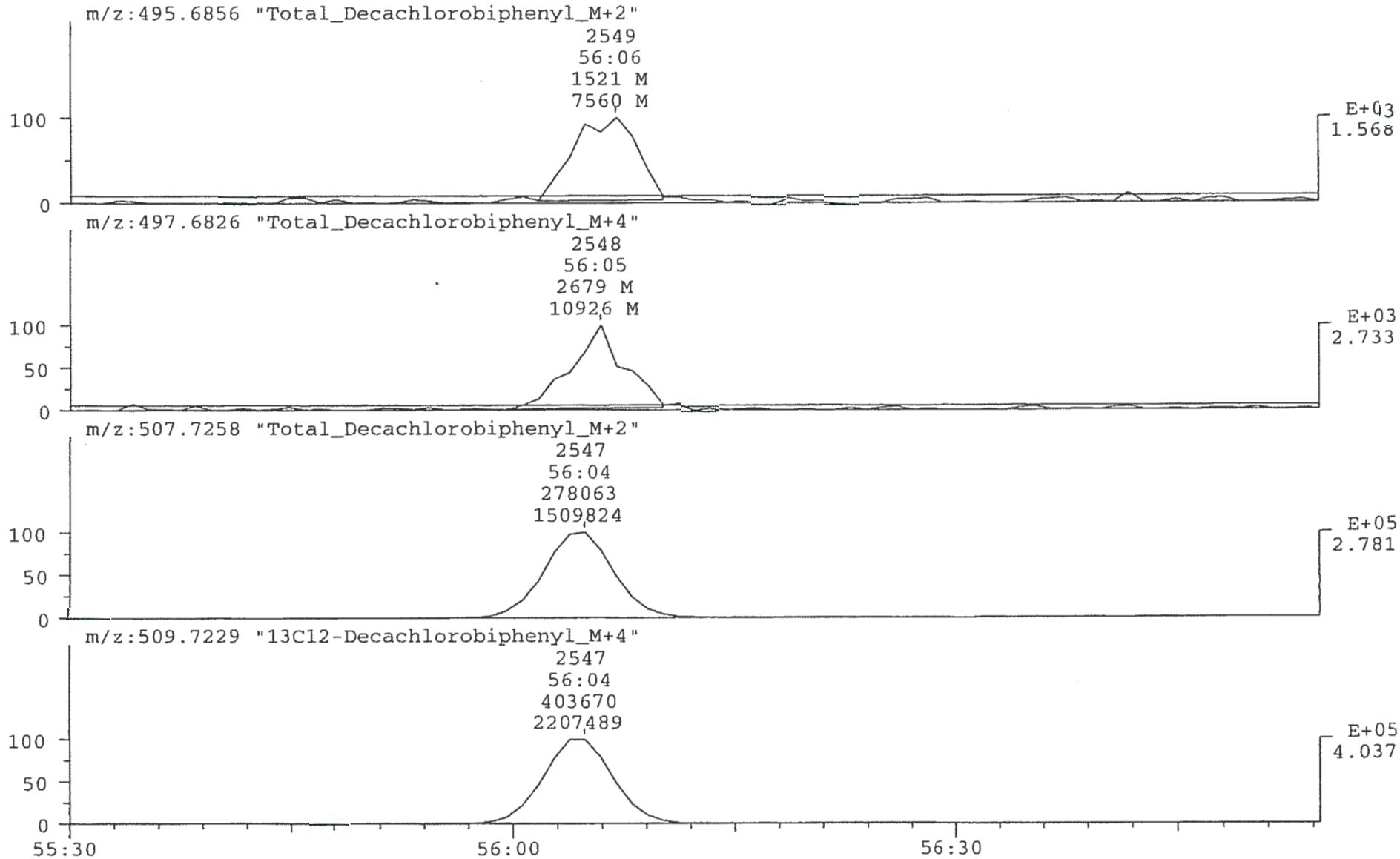

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CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   3
Peak:  100.00  ppm     Label wndw:   2506 > 2594            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  -3, 1.0
Disp:  Height  Area
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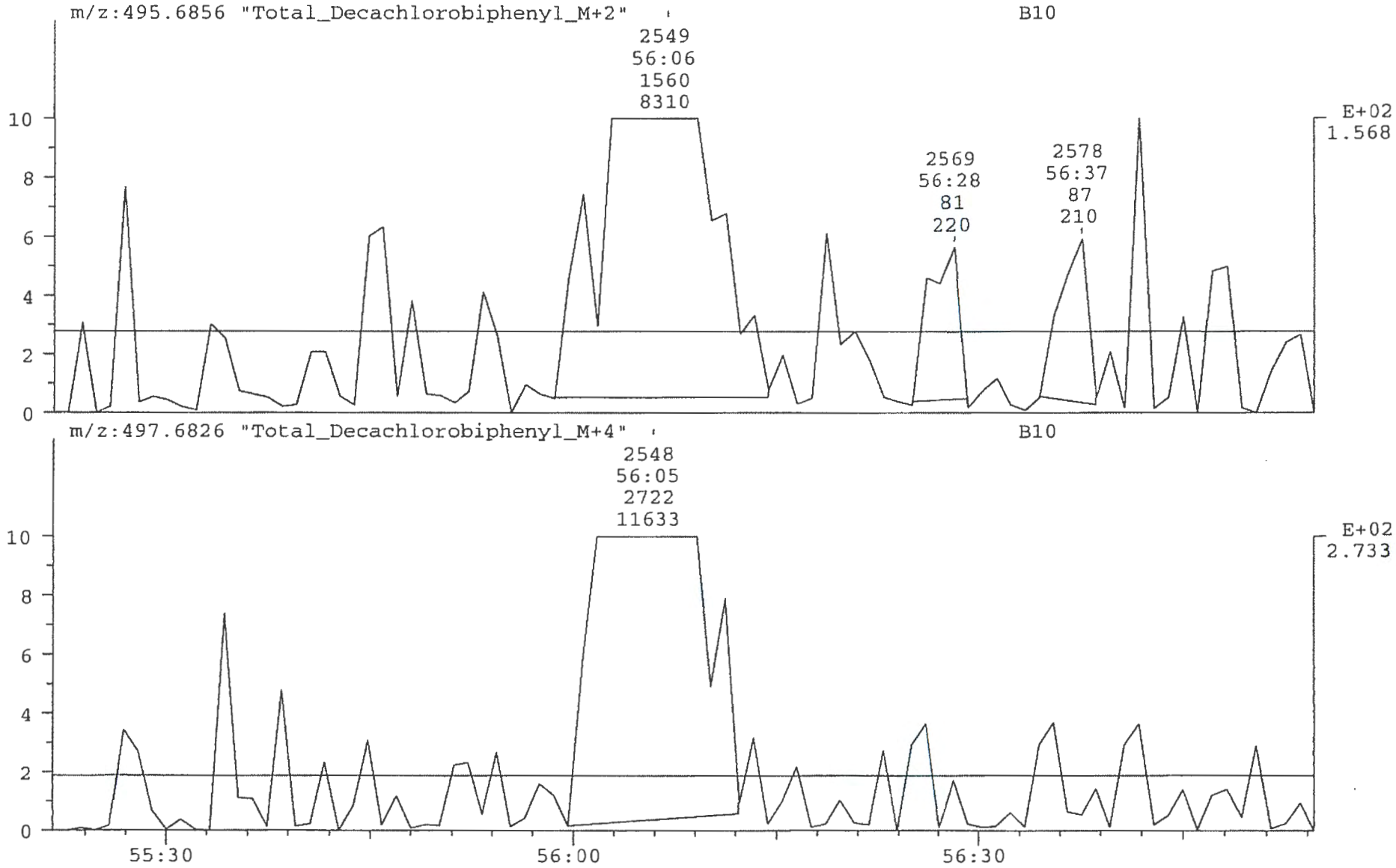
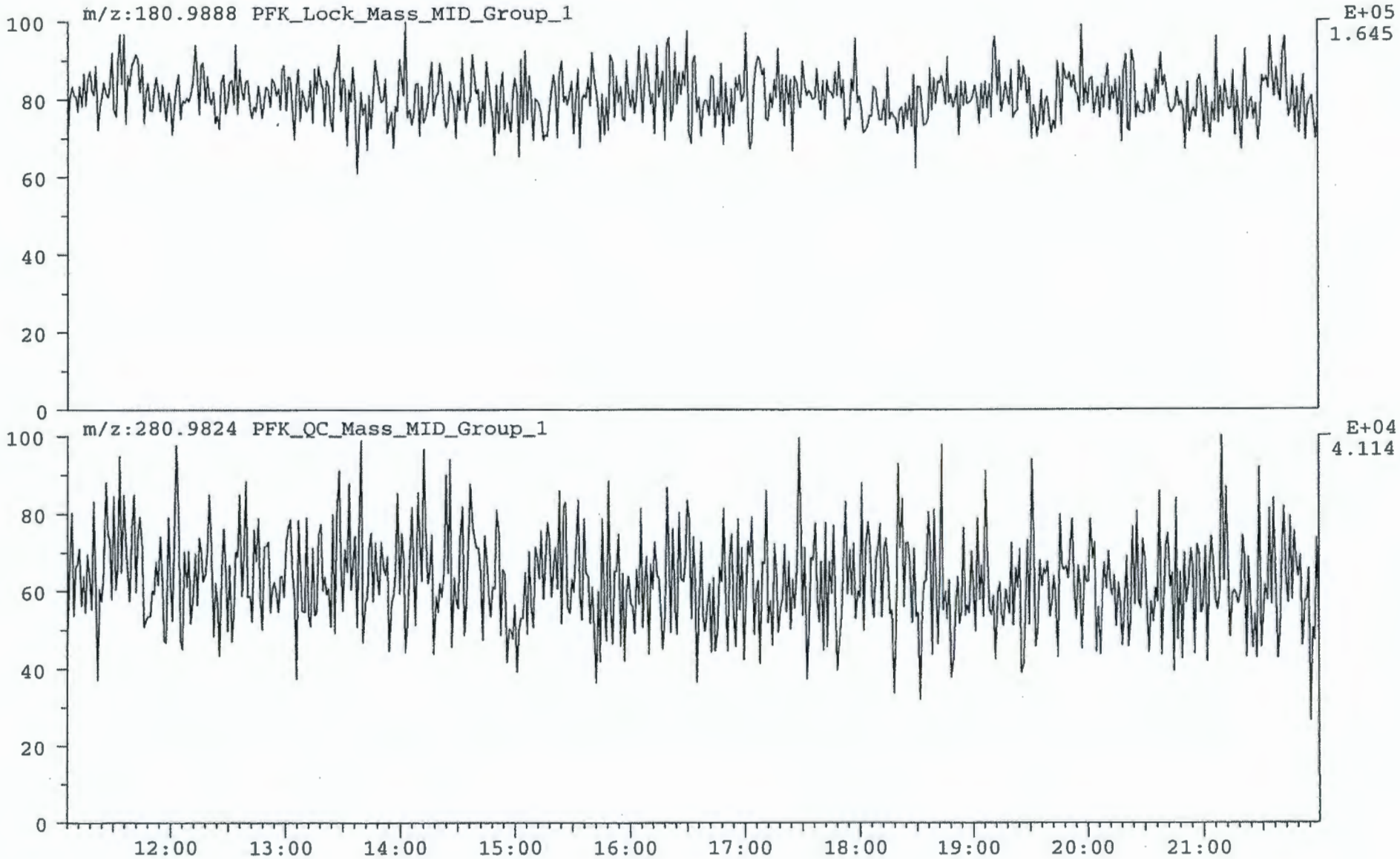


CHRO: a070313i6 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 6 > 623 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



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CHRO:  a070313i6                                13-Mar-07  Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1               Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   3
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
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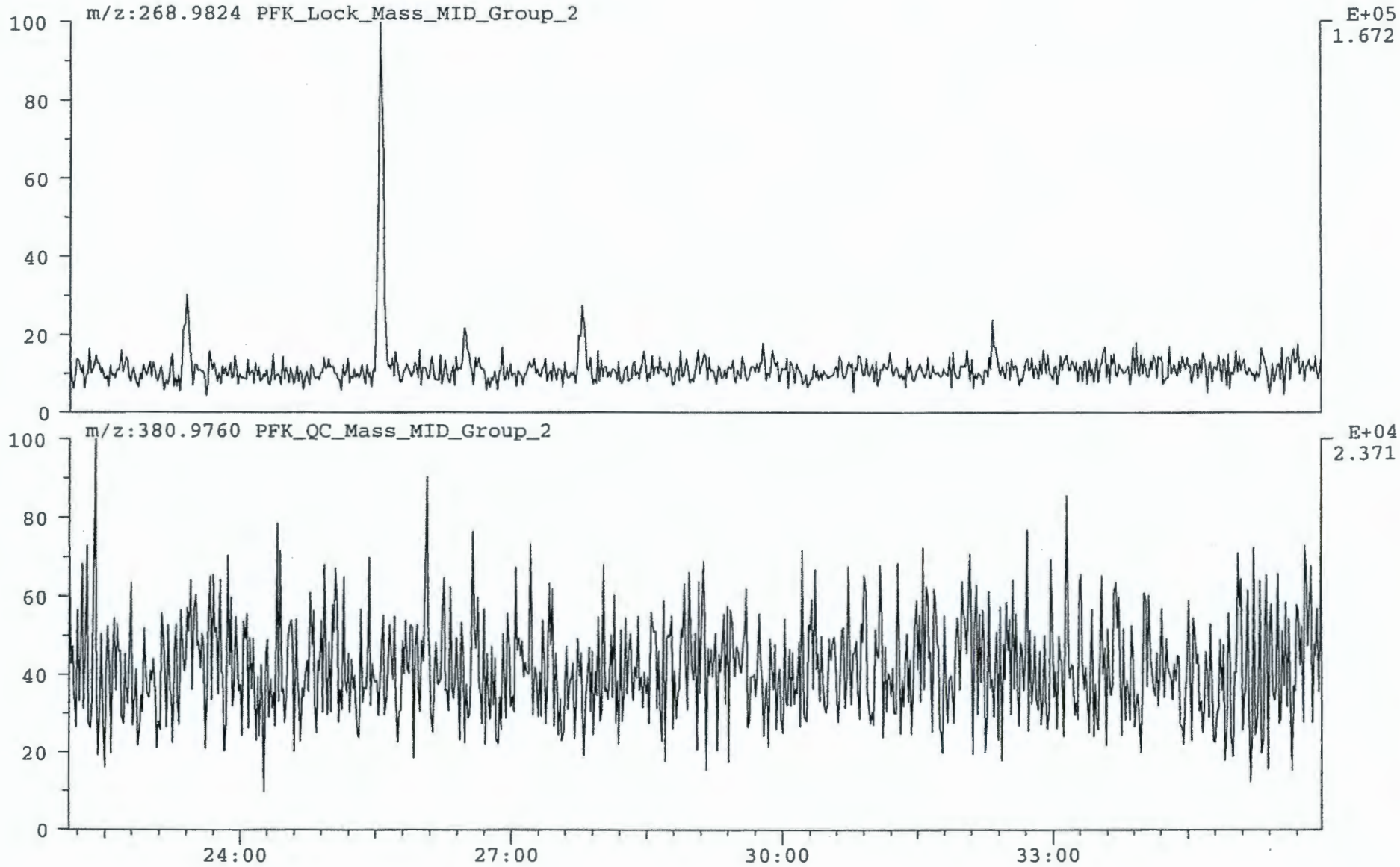
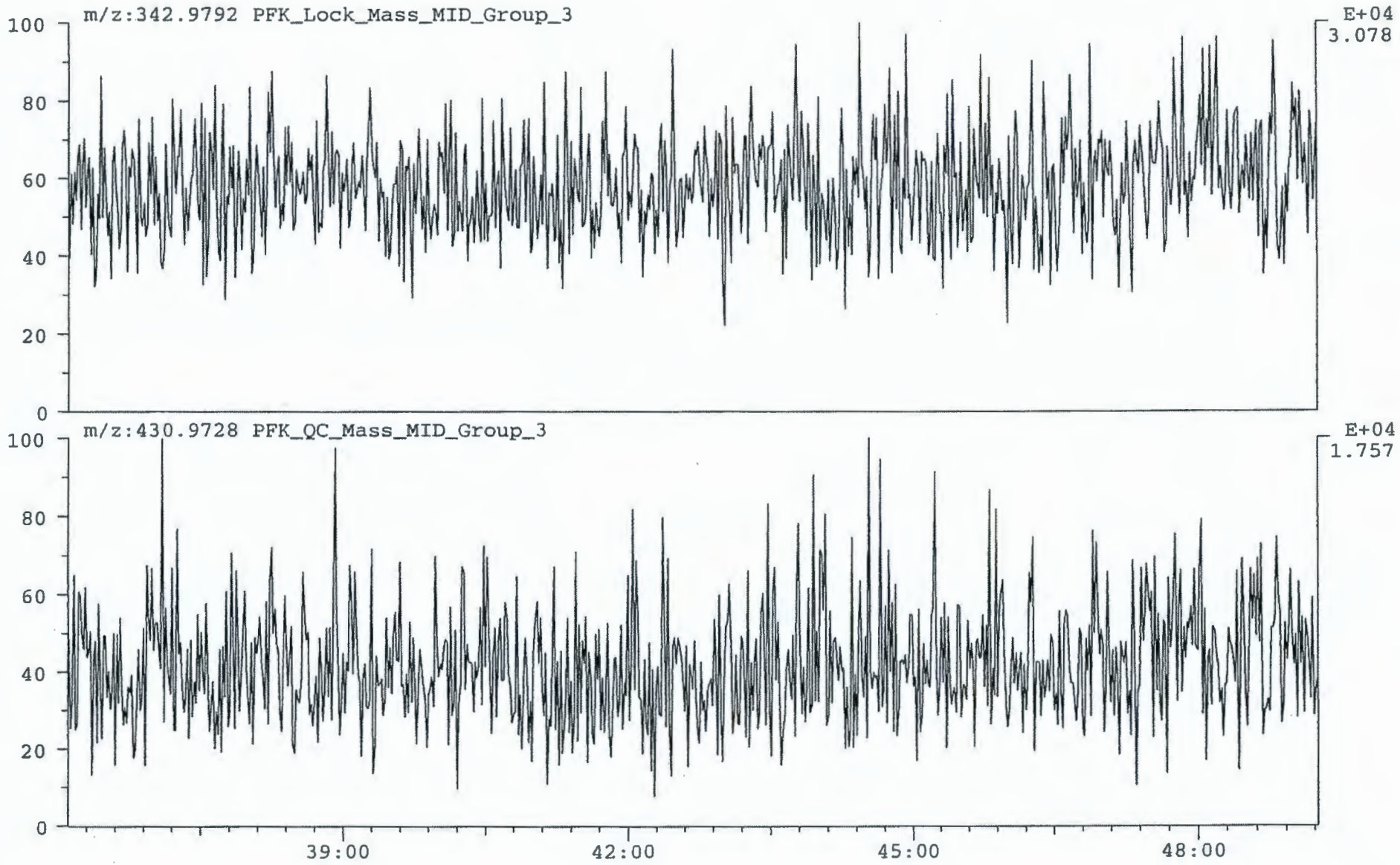
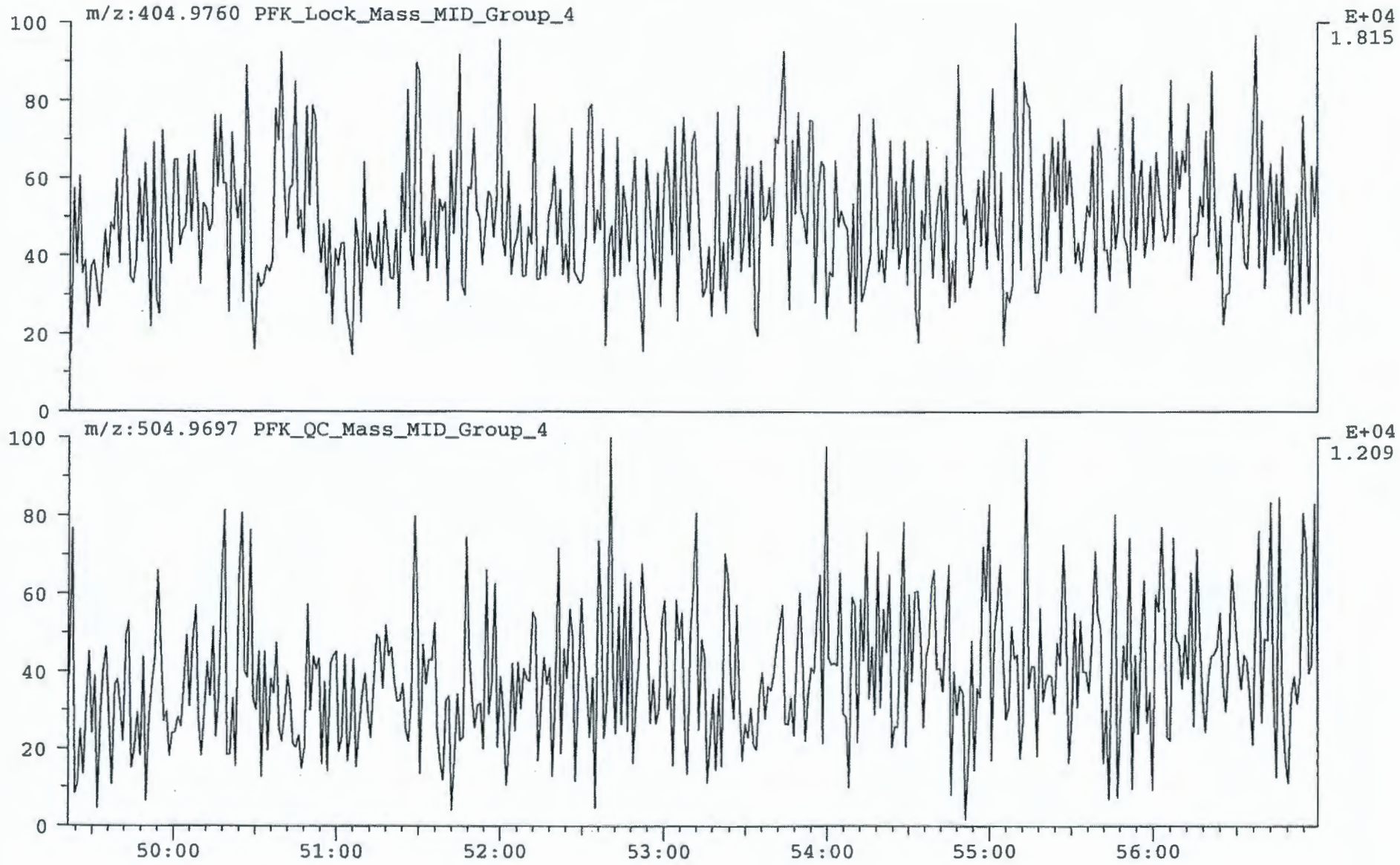


```
CHRO:  a070313i6                                13-Mar-07   Elapse:  56:12      2554
Samp:  Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1                Start :  17:42:37   2600
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS0.5
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   3
Peak:  100.00  ppm      Label wndw:   1417 > 2163           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



CHRO: a07031316 13-Mar-07 Elapse: 56:12 2554
Samp: Vial 3 WO=2990:71CS0.5 Meth=IE3 Dil=1 Start : 17:42:37 2600
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS0.5
Oper: DCG Client: STL Knoxville Inlet : GC Vial 3
Peak: 100.00 ppm Label wndw: 2165 > 2598 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



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

ICL Version: 10.710
File name: a070313i6
Study: ICAL CS0.5
Sample: WO=2990:71CS0.5 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 3
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 1 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	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	3.8824
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	1312.0000	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	600.9615	FSLOPE	54000000.0000	FVANAL	258.0000
FVINLET	256.0000	FVSRC	858.0000	FWIN	0.7000
GCTC	48.0000	GCTI	270.0000	GCTL	280.0000
HACCU	156.0000	HCURR	1.6373	HVANAL	1334.0000
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	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	3157.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-6.0000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10005.2600	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	3.0000
SW	0.0500	TANAL	0.0000	TCURR	0.6641
TD	1.0000	THRESH	5.0000	TIS	0.2000
TREF	150.0000	TS	1.6021	TSAM	200.0000
TSET	0.0000	TUBEL	0.0000	UQFS	5.0000
URATIO	2.2000	USERVAR	0.0000	VAPTEMP	599.9997
VAPTSET	400.0000	VMASS	180.9888	XLENS	2000.0000
XLENSS	-29.0000	YLENS	2655.0000	YLENSS	-34.0000

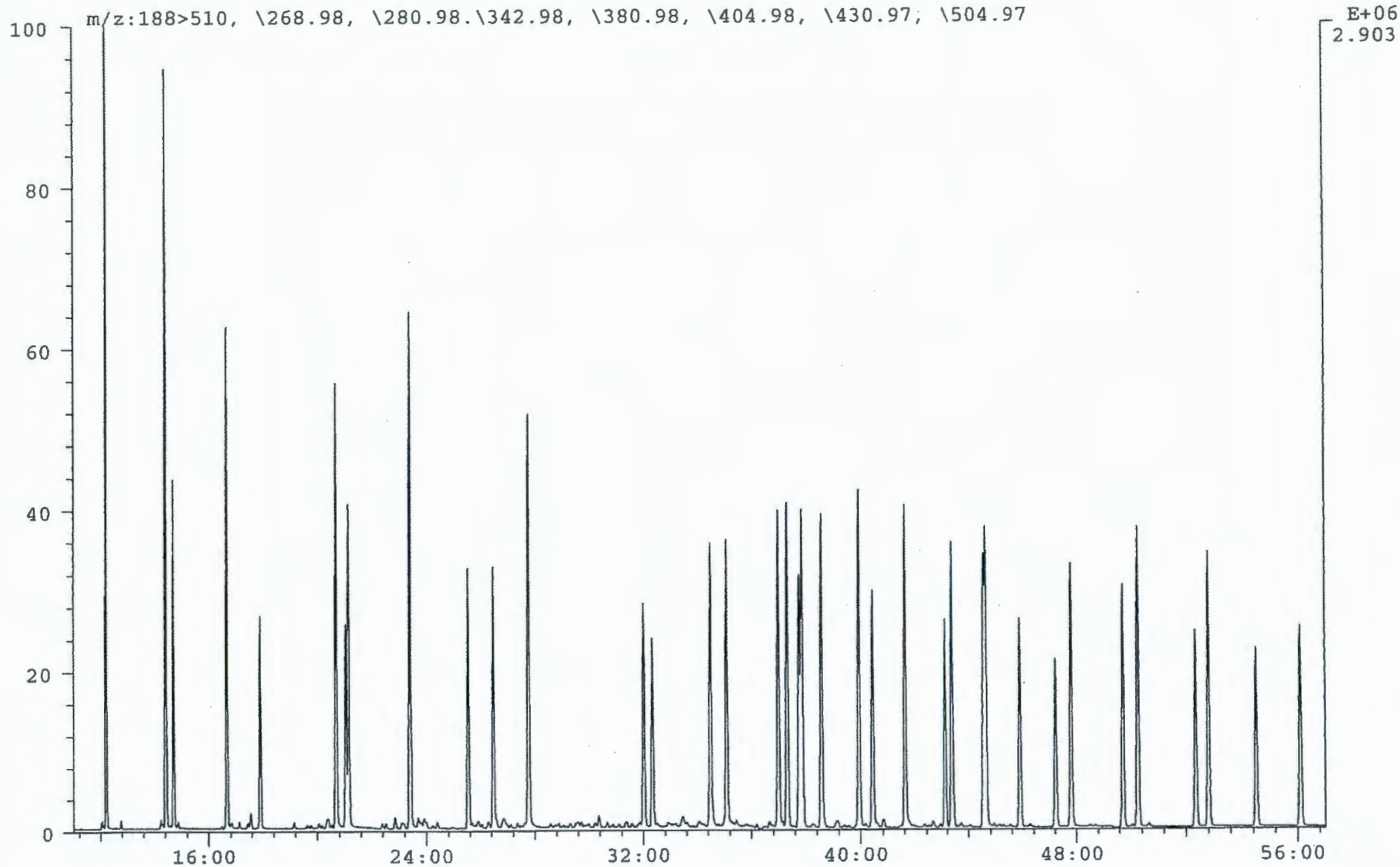
Scantype is electric
Sourcemode is EI POS

Analysis started at: 13-Mar-07 17:42:37.4

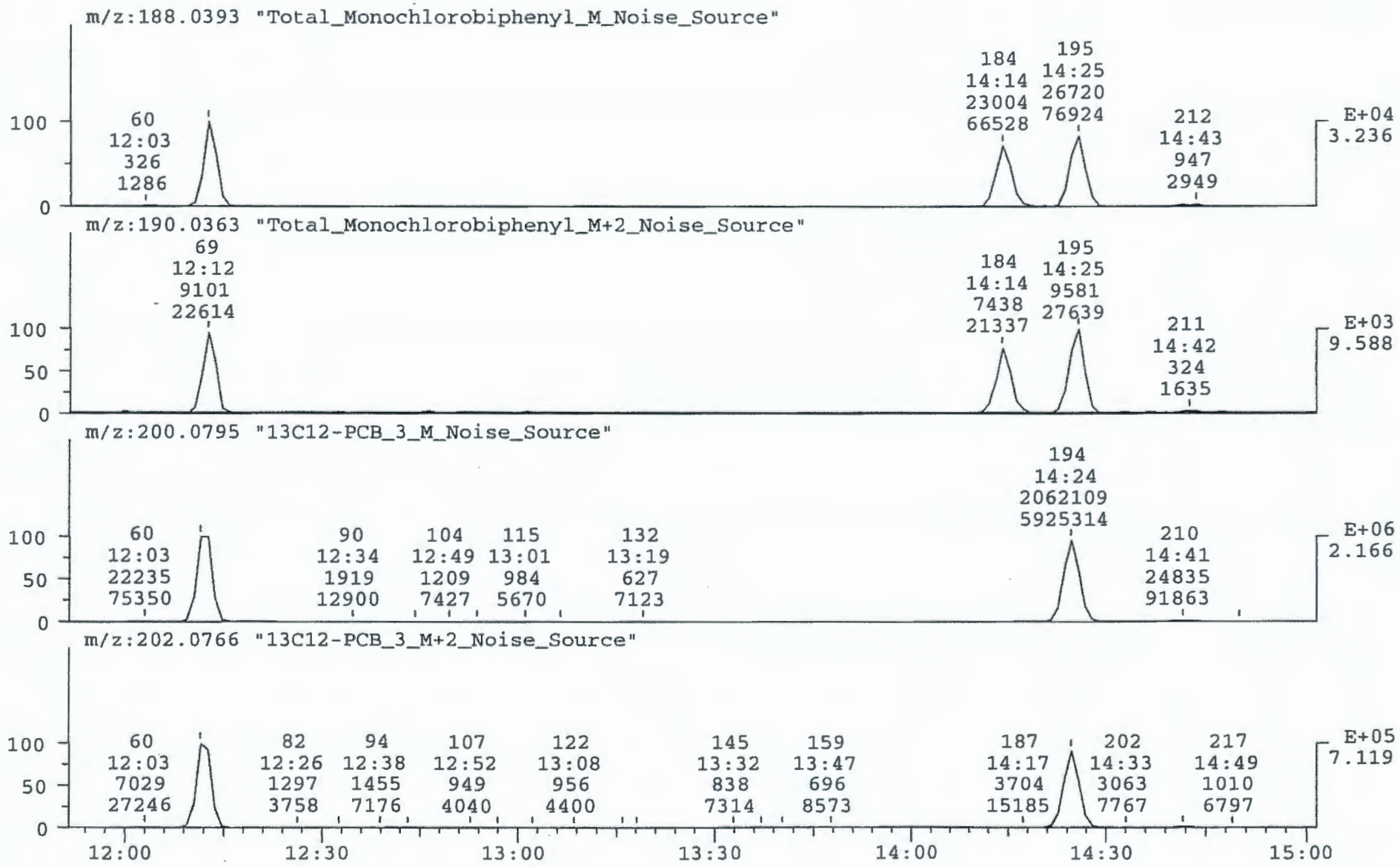
Autosampler has injected sample from vial 3
MID Time Window 1: Resolution is 6463
MID Time Window 2: Resolution is 6113
MID Time Window 3: Resolution is 4512
MID Time Window 4: Resolution is 7499
Analysis stopped at: 13-Mar-07 18:39:40.4 (run time 57.03 minutes)
Analysis stopped because MID run finished

CHRO: a070313i1 13-Mar-07 Elapse: 37:05 1475
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 2 > 2601 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

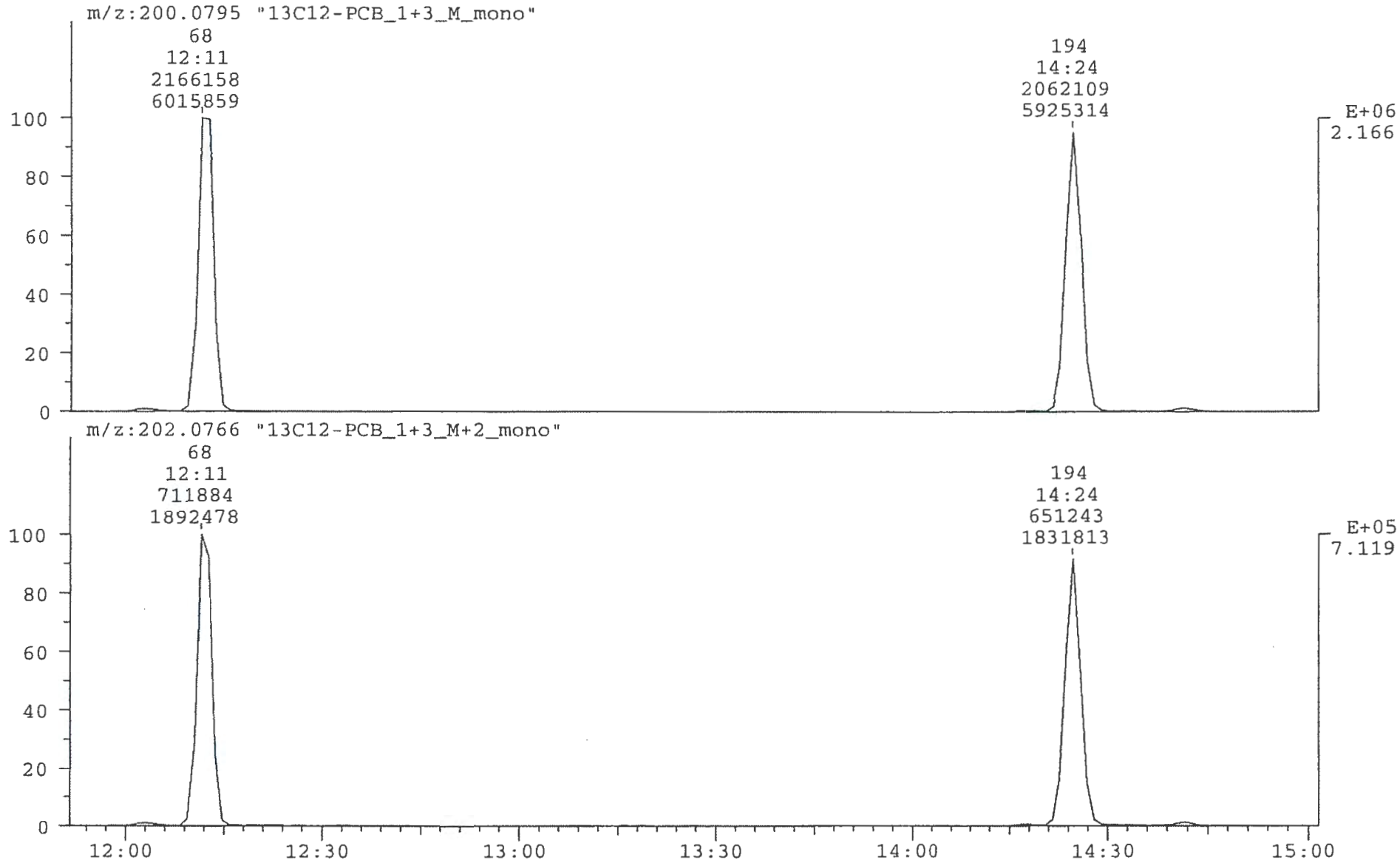
Int DCS 3-14-07
Cal DCS 3-15-07
QC BFN 3/15/07



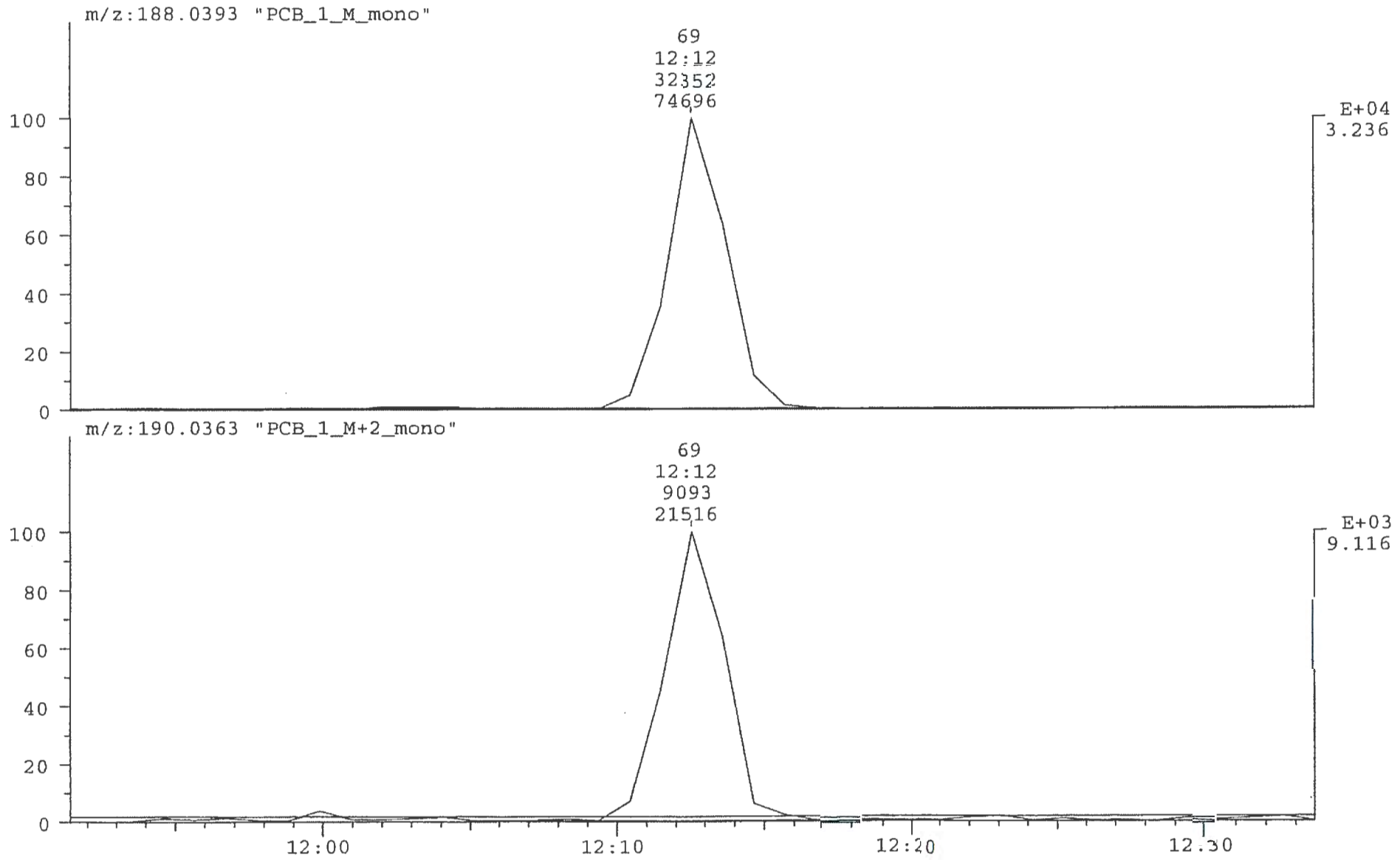
CHRO: a070313i1 13-Mar-07 Elapse: 13:26.5 139
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 49 > 229 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i1                                13-Mar-07   Elapse:  13:26.5      139
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```

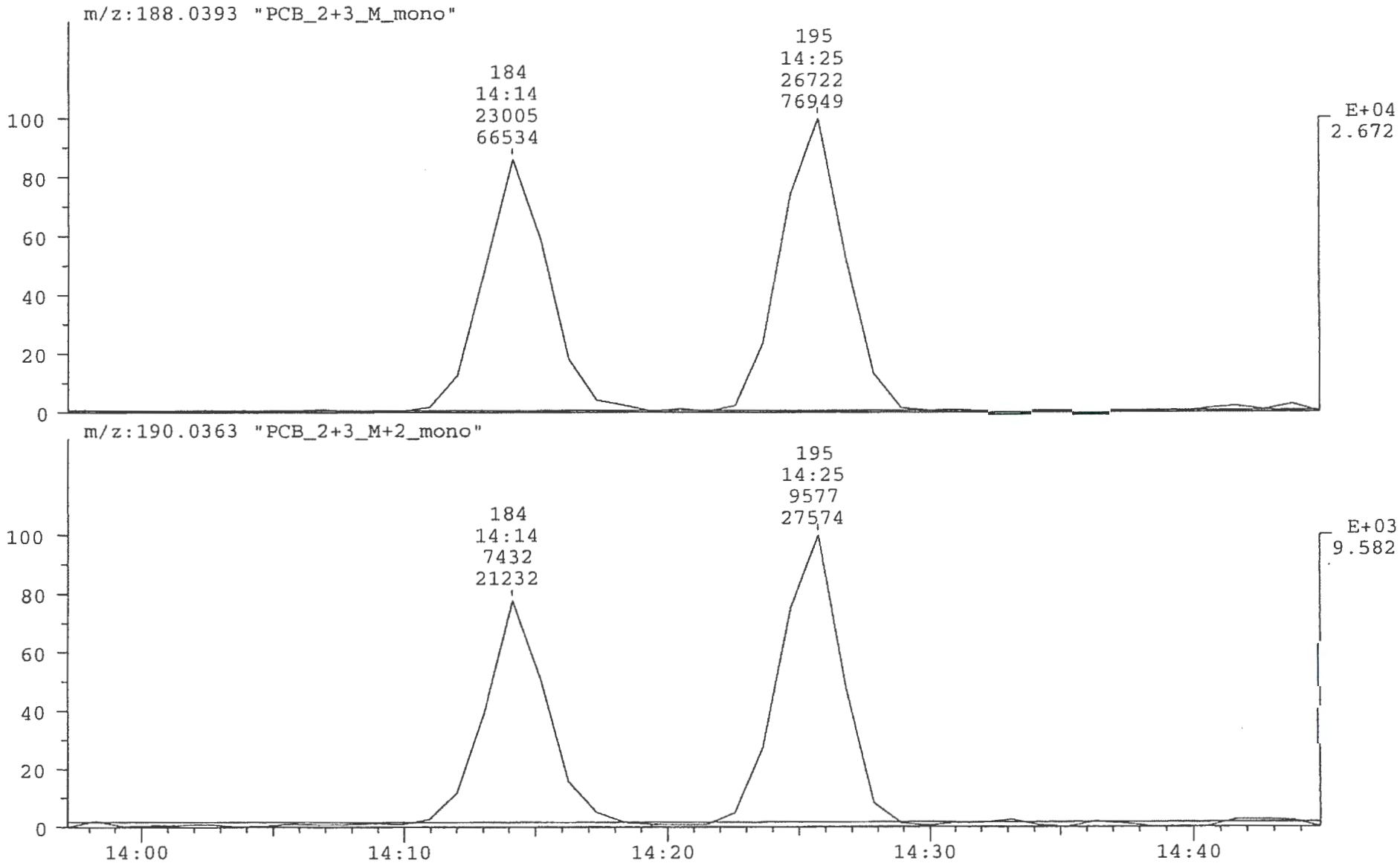


```
CHRO:  a070313i1                                13-Mar-07   Elapse:  12:12.5      69
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



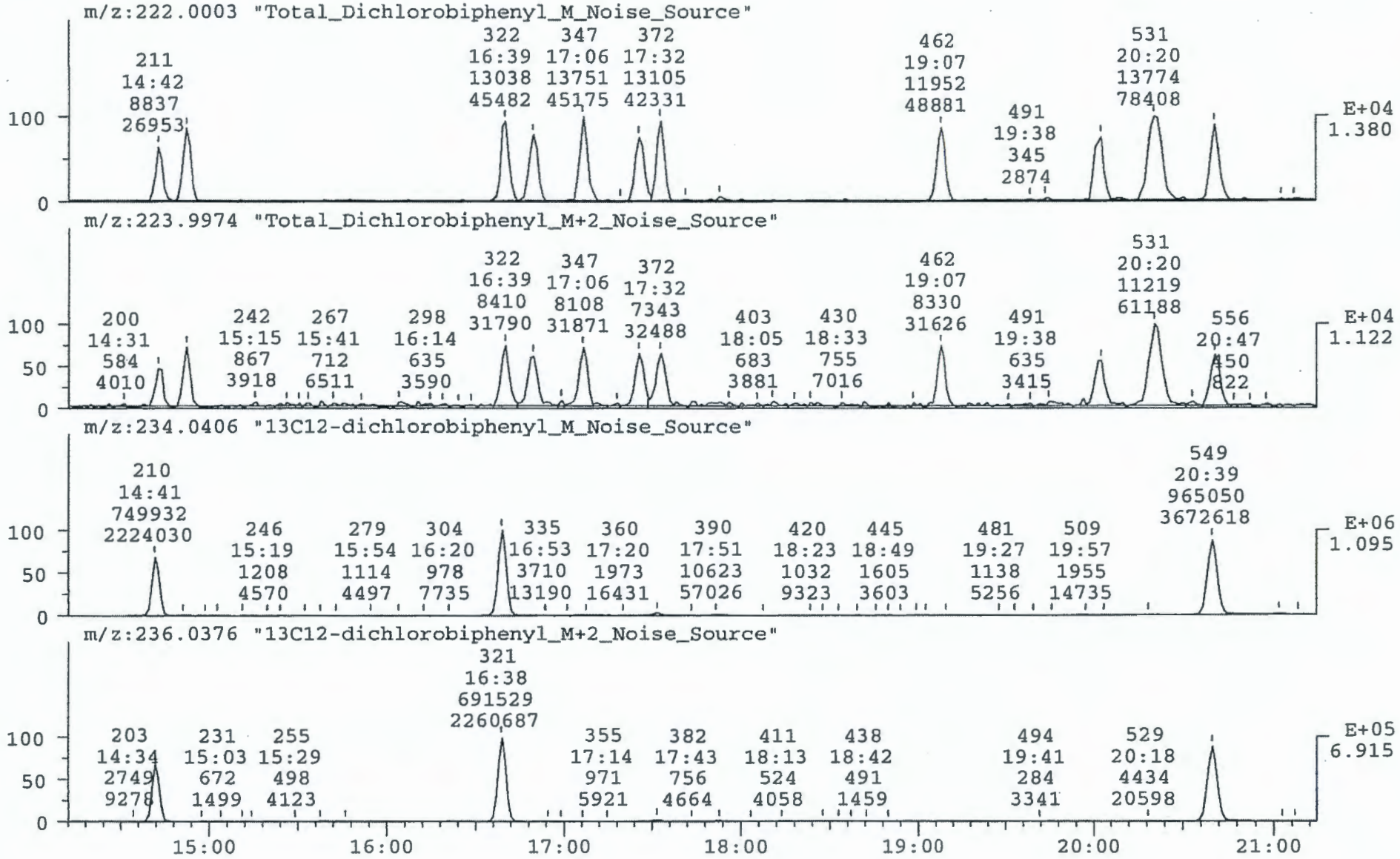
1206

```
CHRO:  a070313i1                                13-Mar-07   Elapse:  14:23.6      193
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```

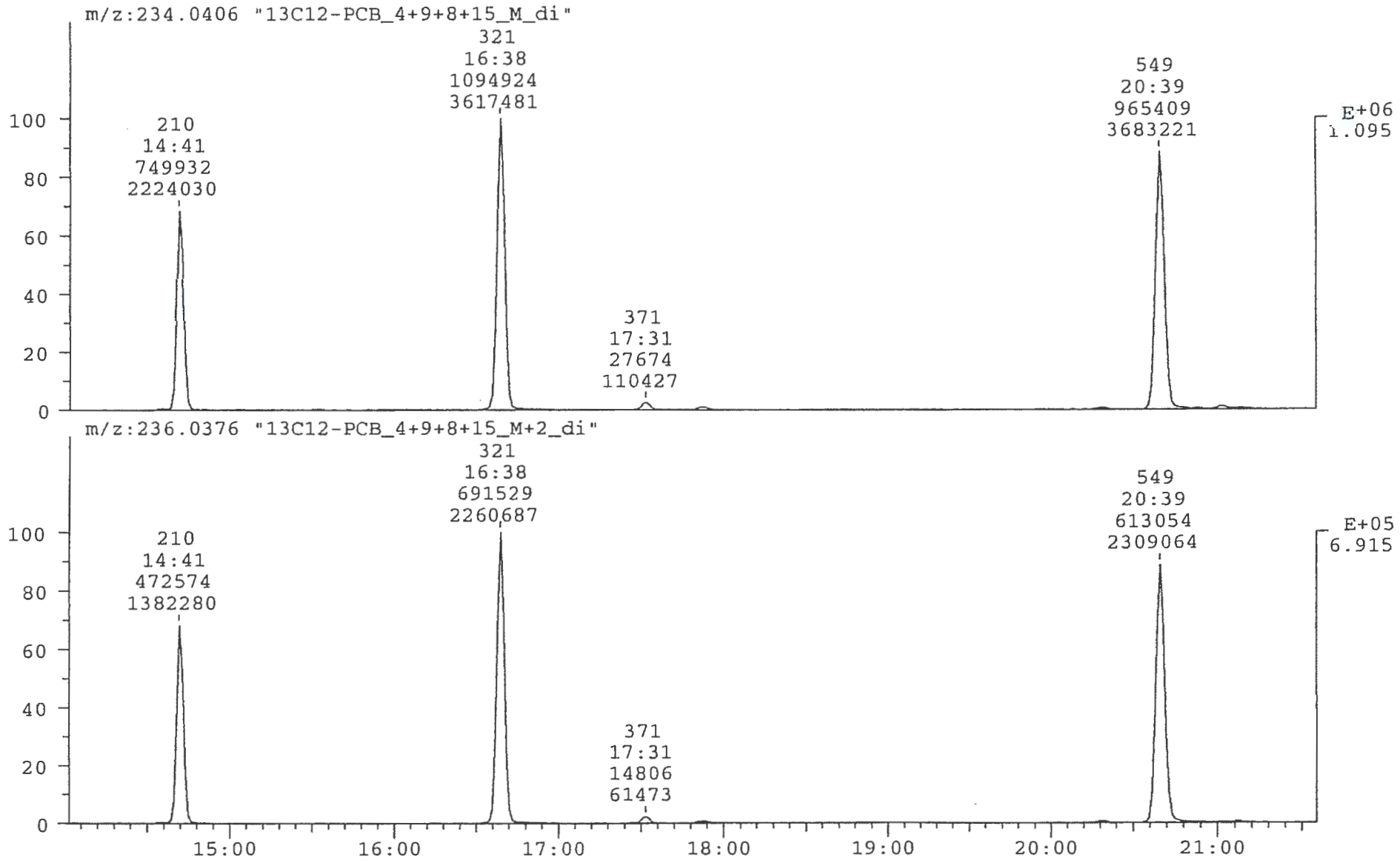


1207

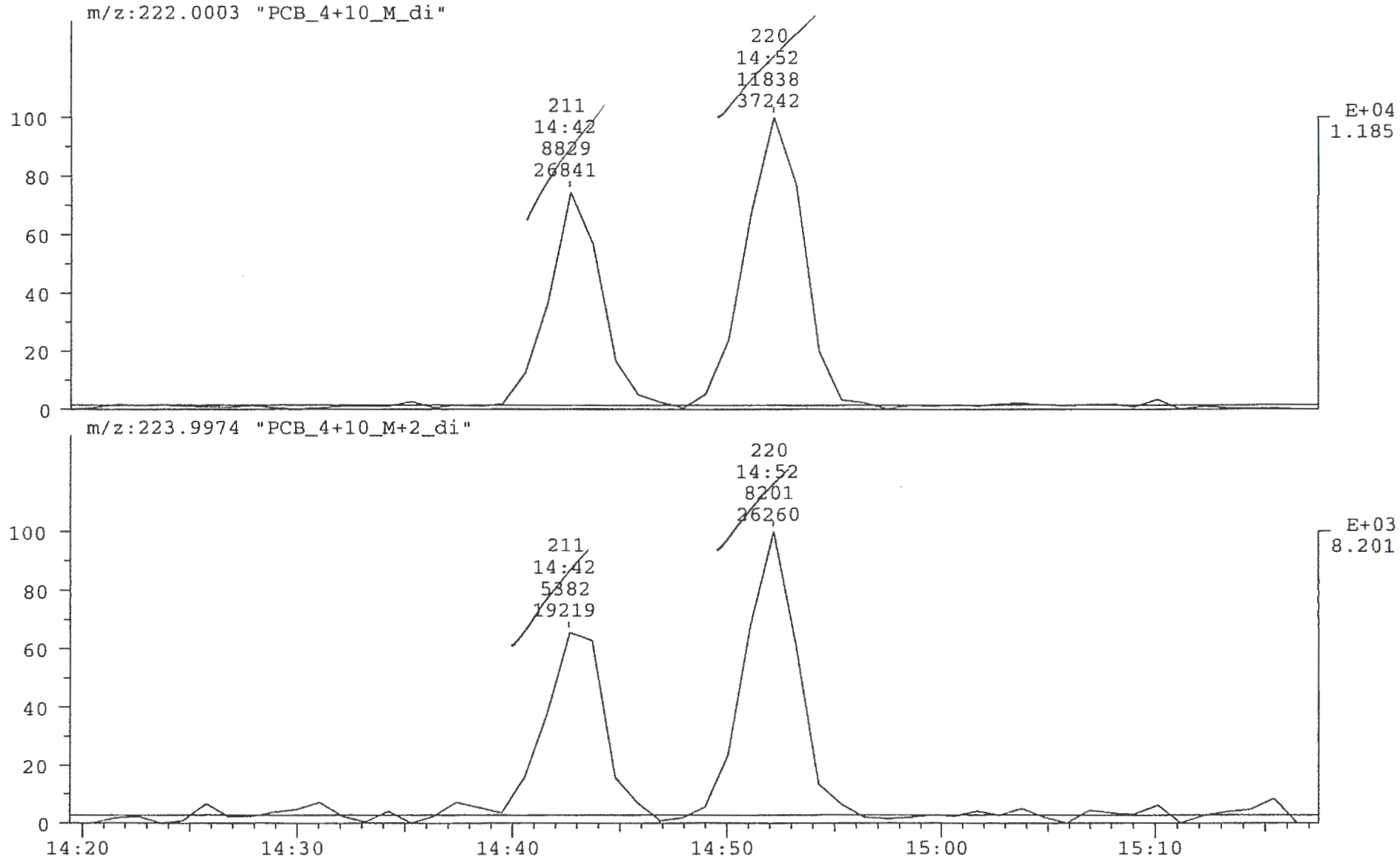
CHRO: a070313i1 13-Mar-07 Elapse: 17:43.2 382
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



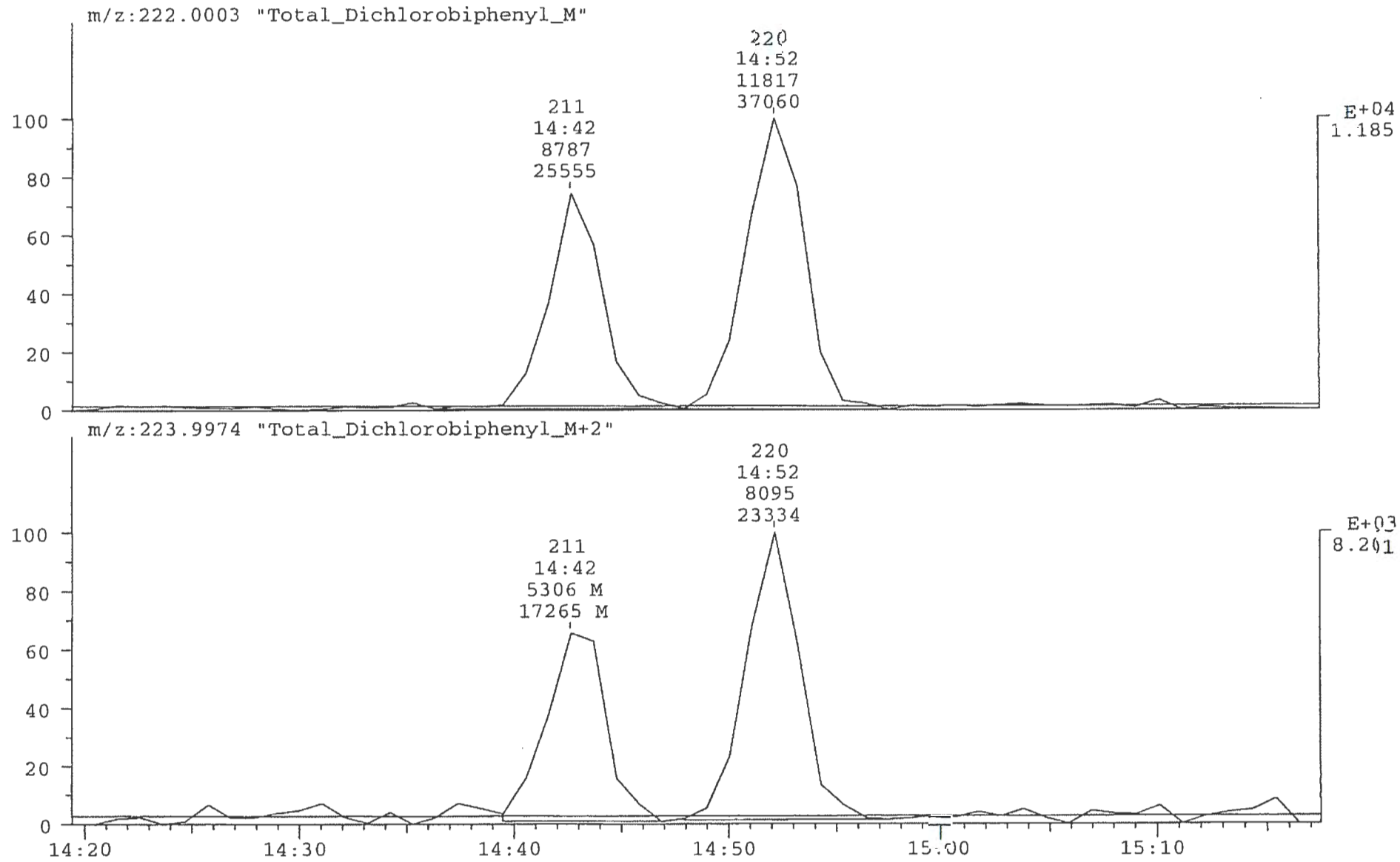
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  17:43.2      382
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



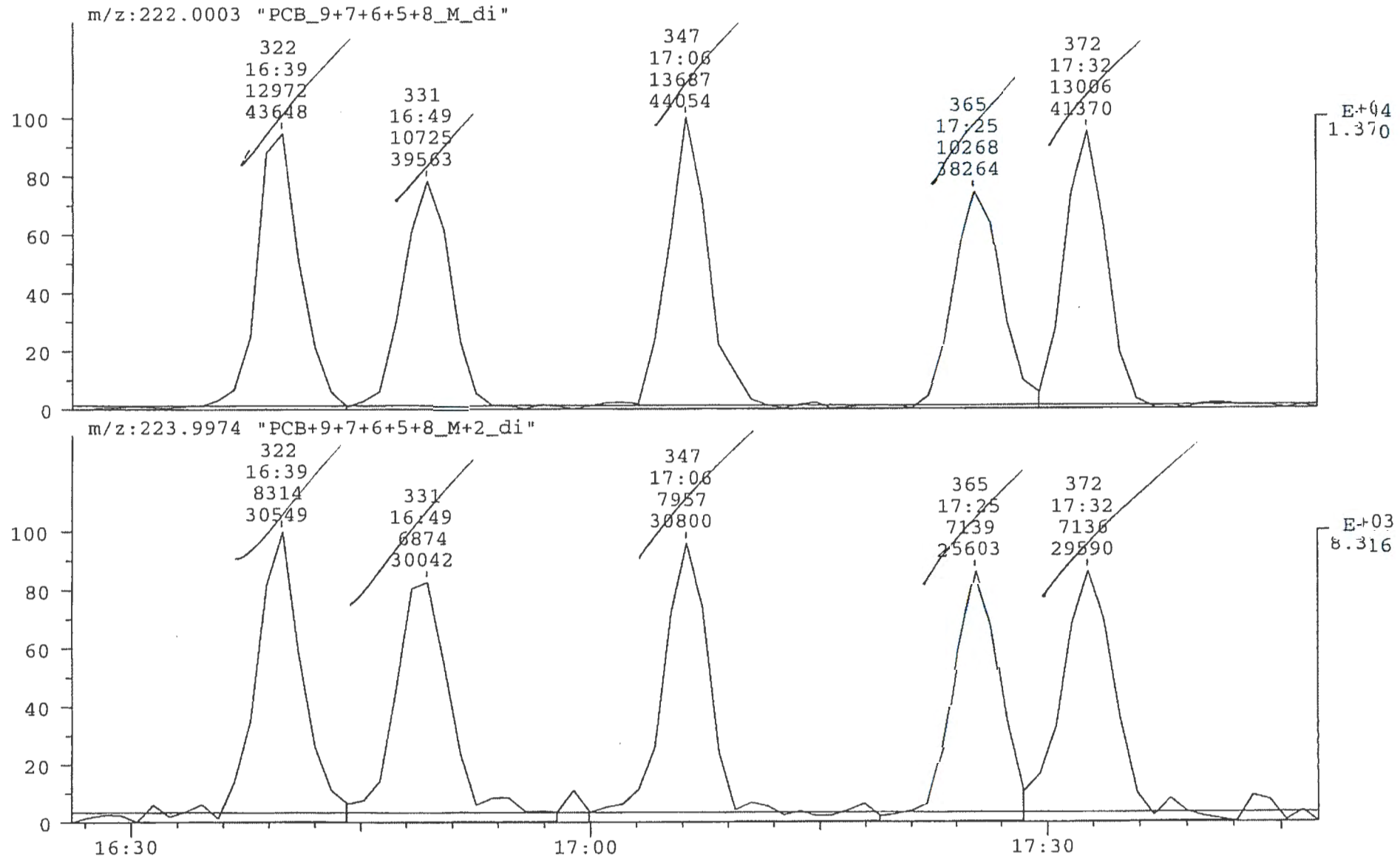
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  14:51.1      219
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



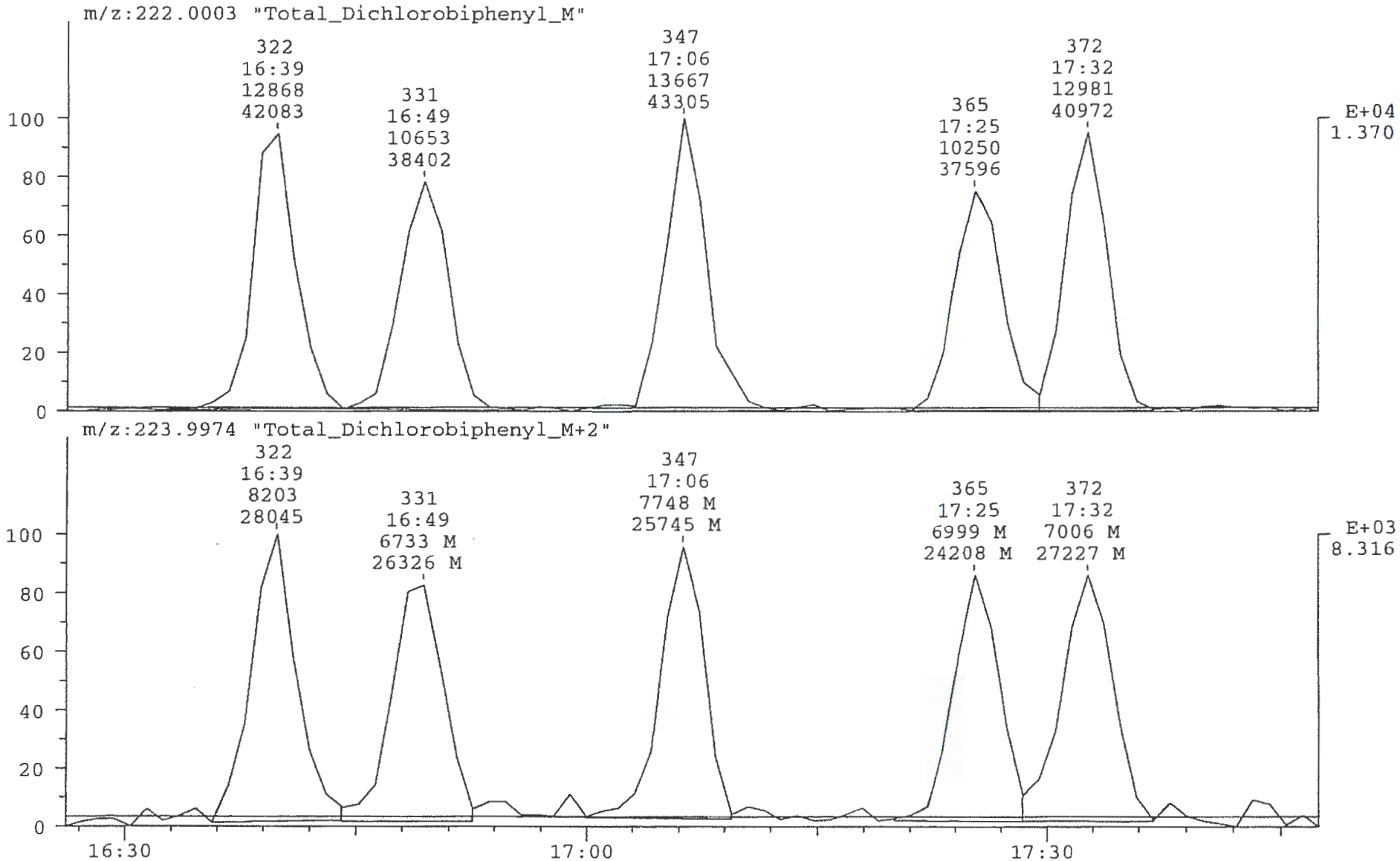
CHRO: a070313i1 13-Mar-07 Elapse: 56:12 2555
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 189 > 244 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



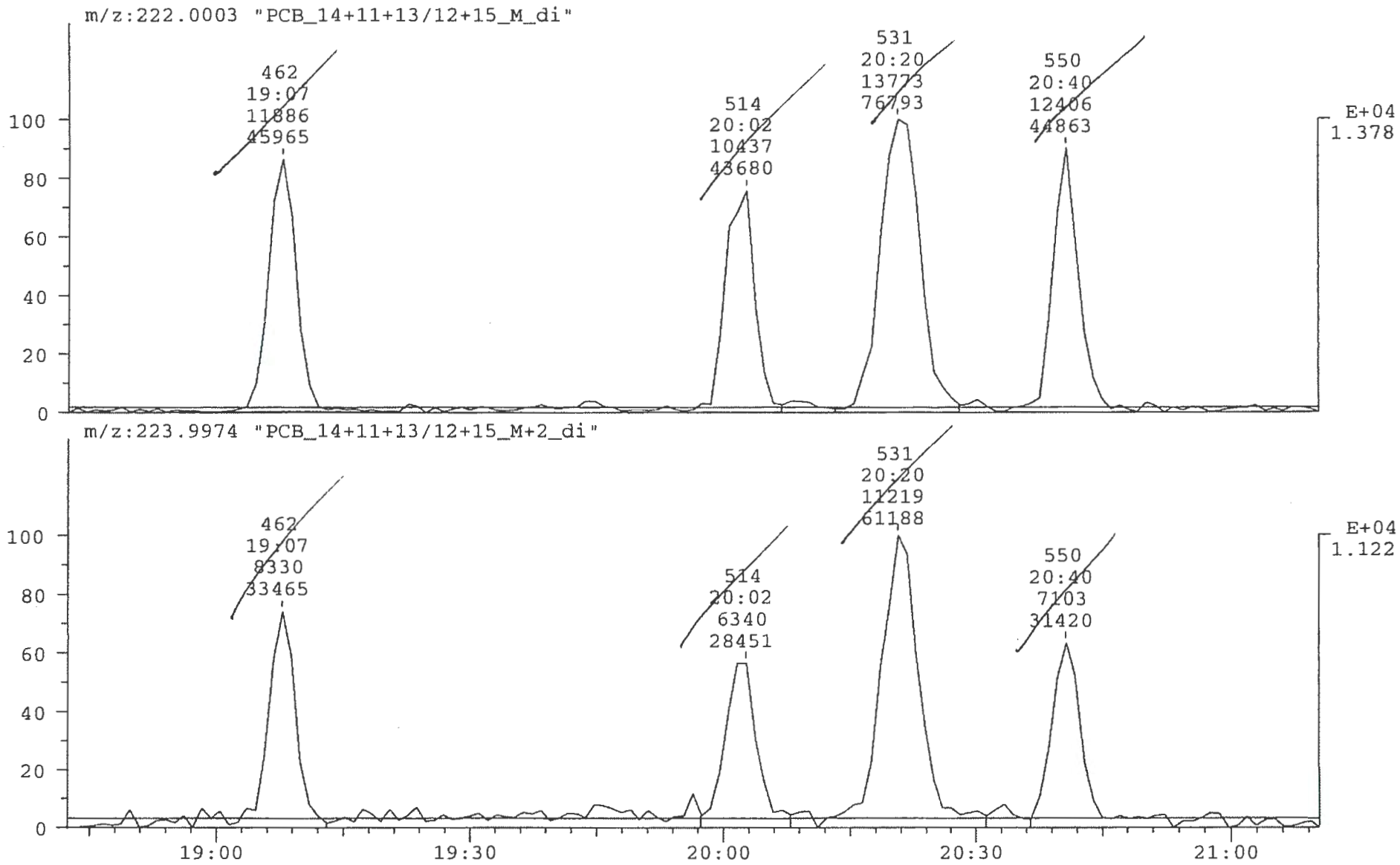
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  17:10.5      351
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   309 > 386             Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

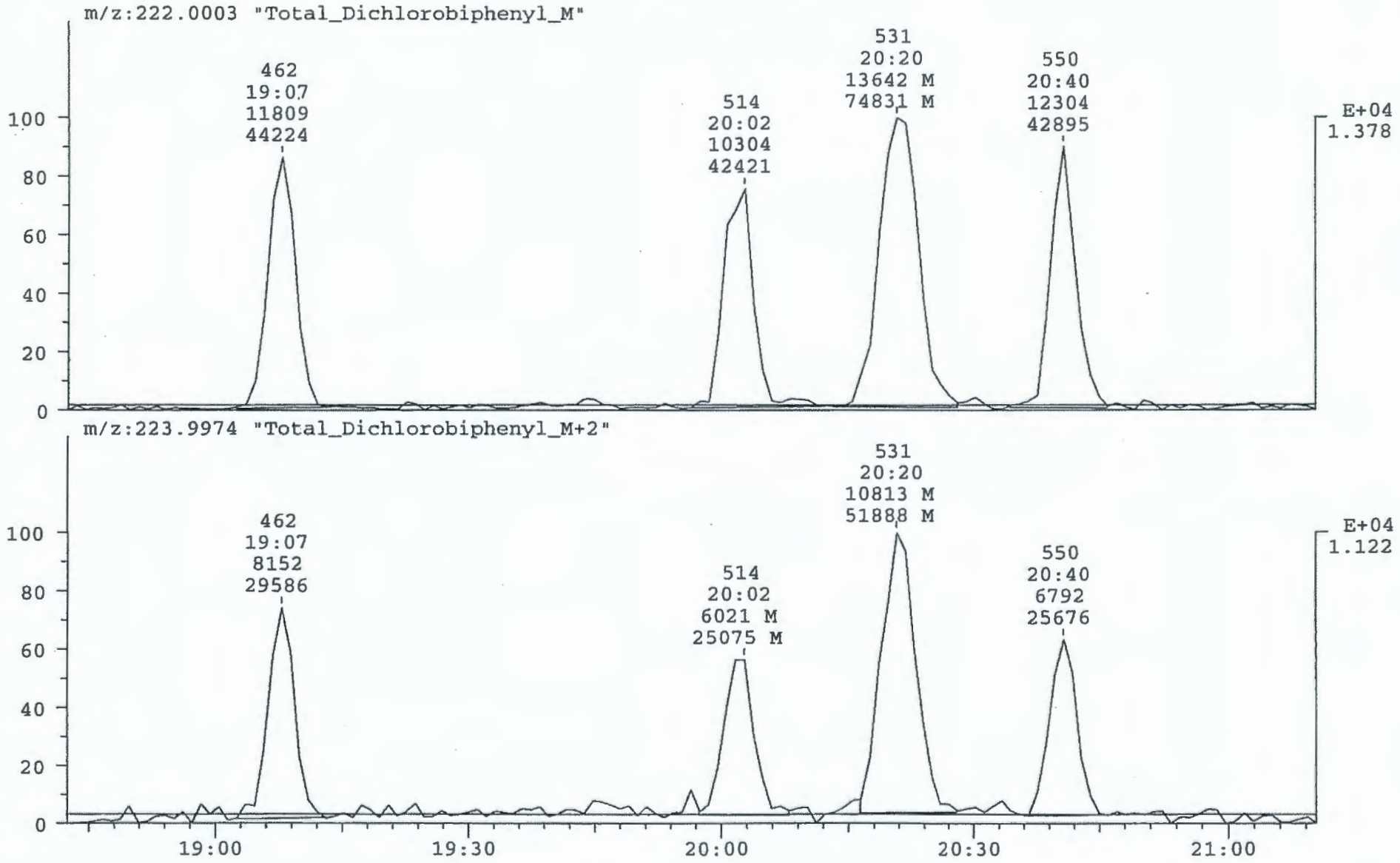


CHRO: a070313i1 13-Mar-07 Elapse: 19:56.3 508
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 438 > 578 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area

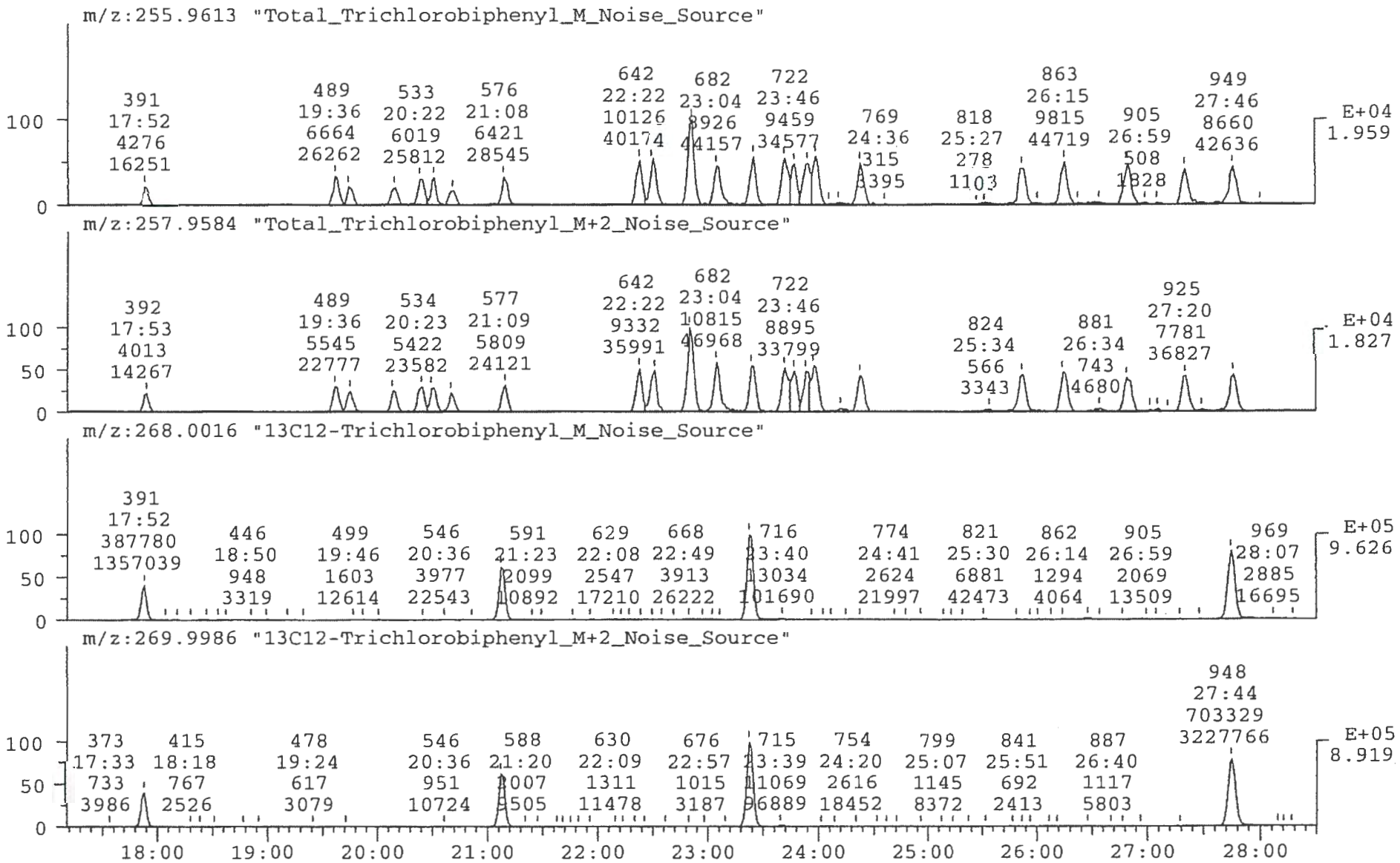


1214

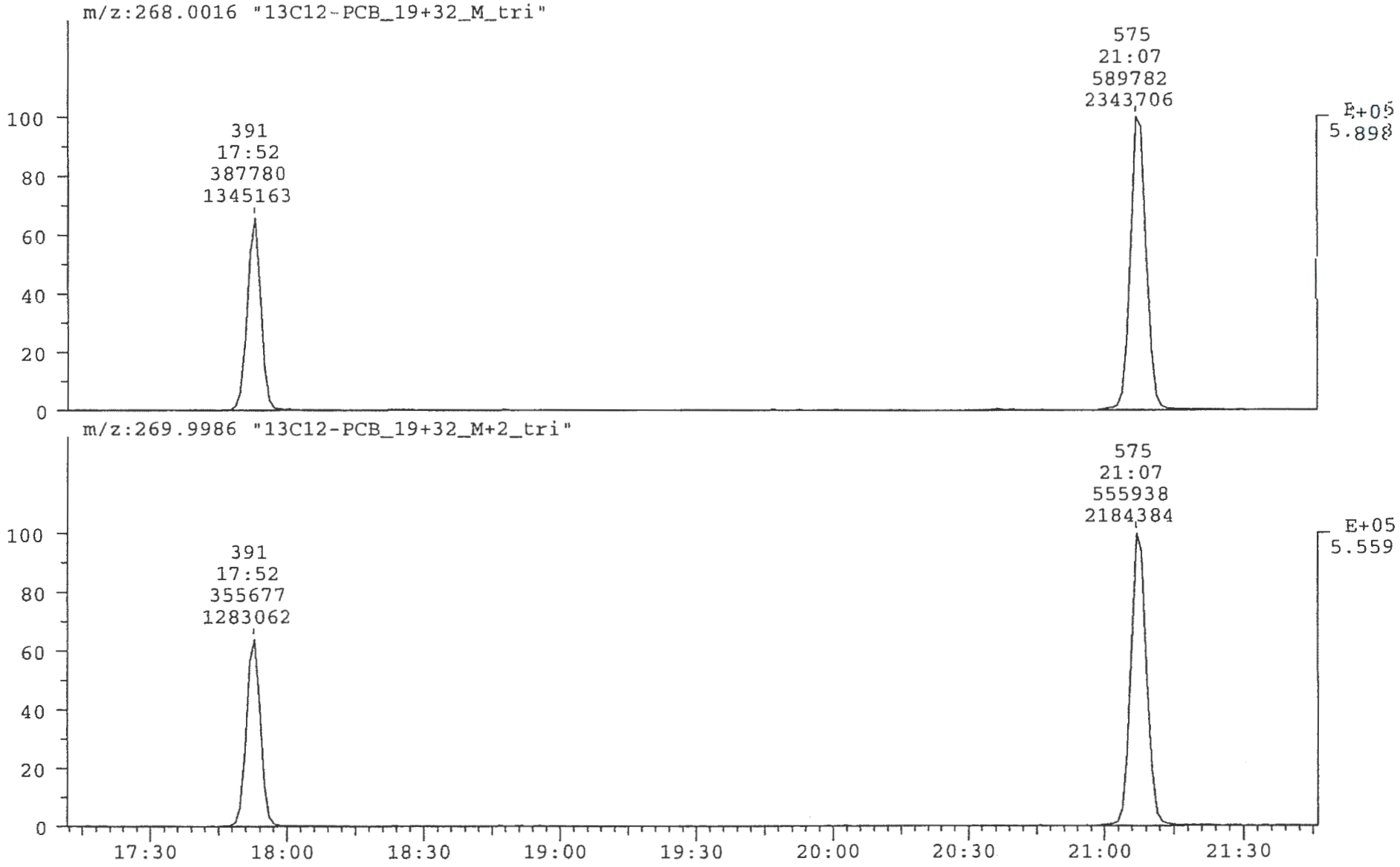
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   4
Peak:  100.00  ppm     Label wndw:   438 > 578              Masses:  181 > 510
Area:  5, 3.00, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



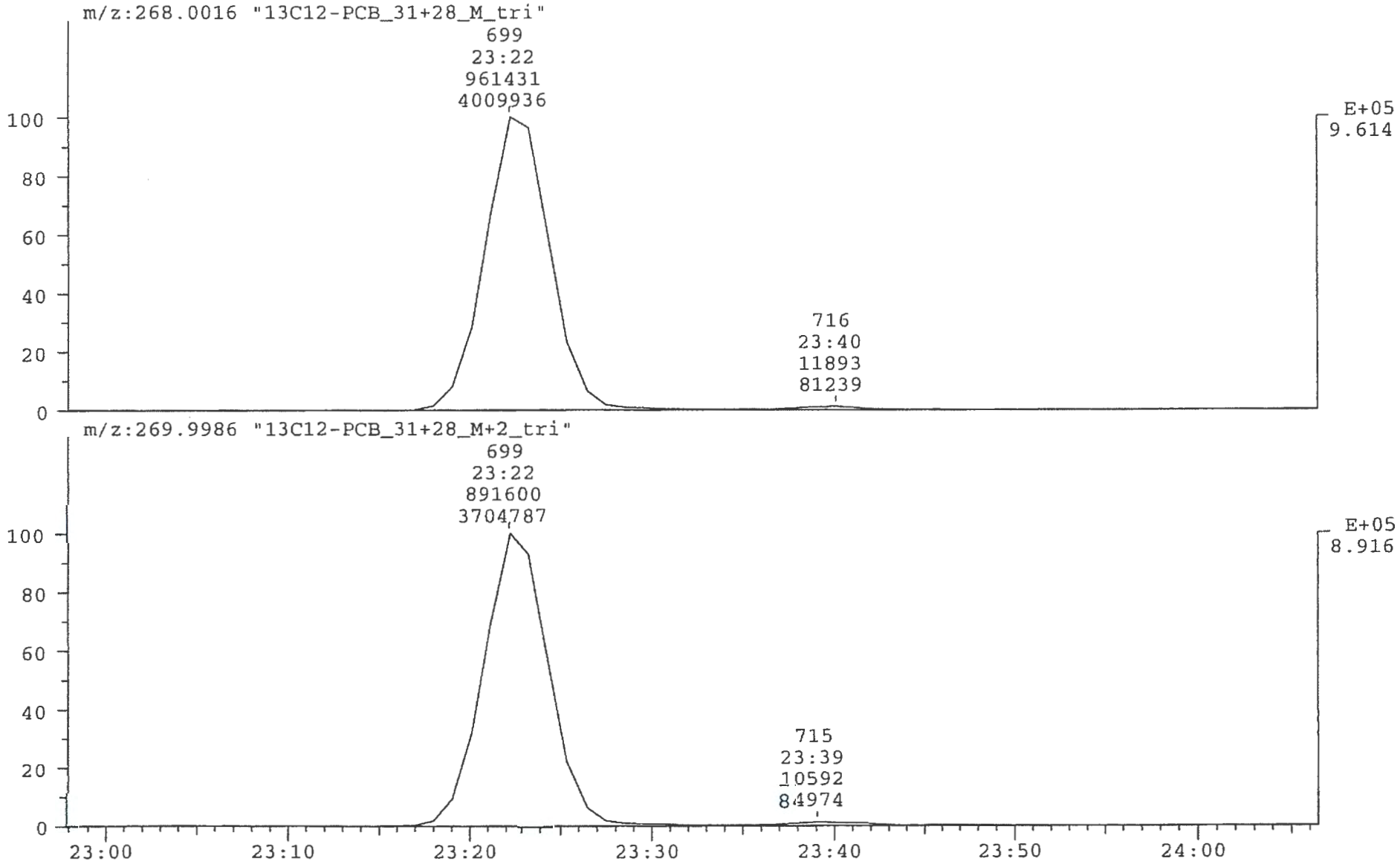
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  22:52.7      671
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



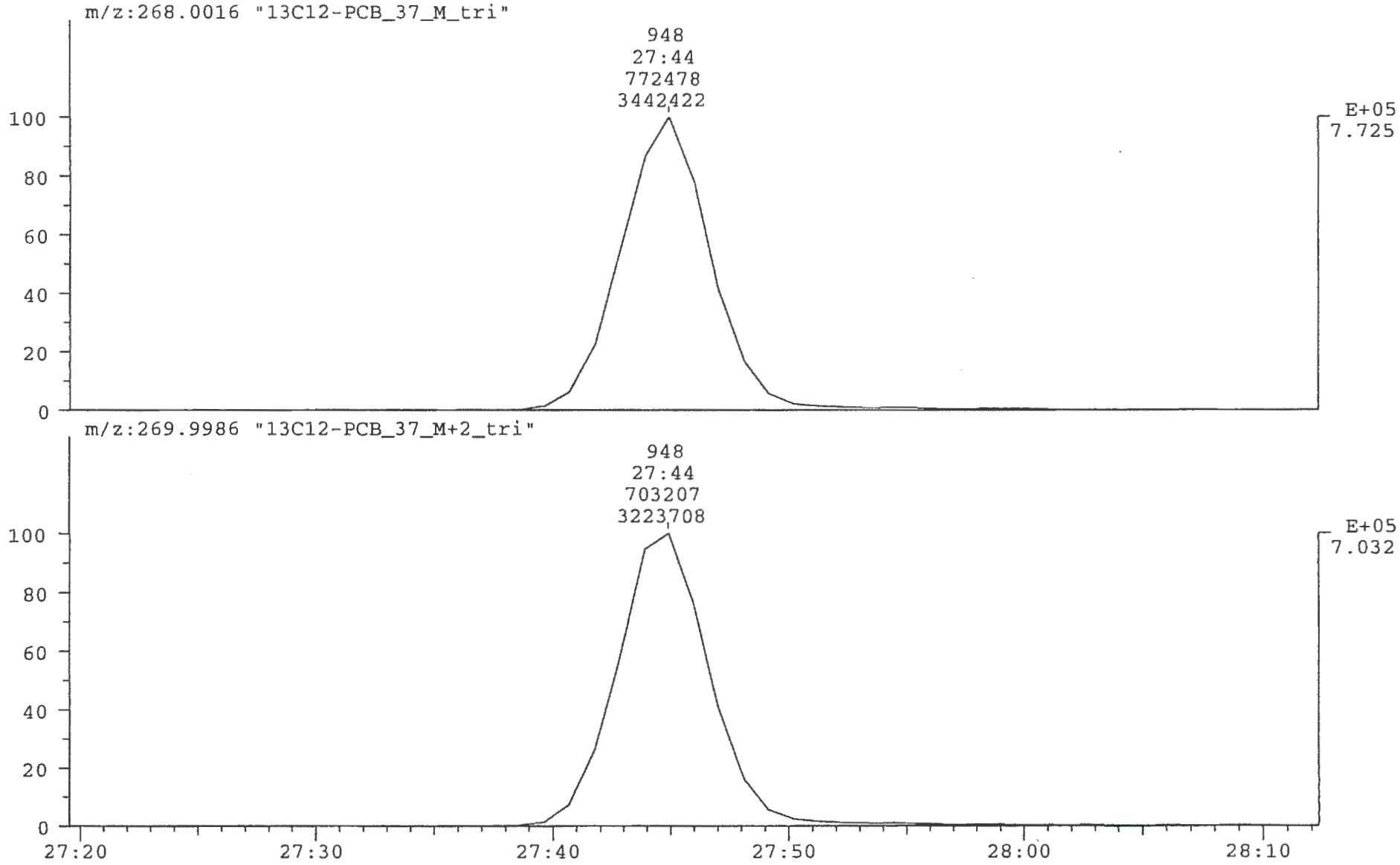
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  19:18.3      472
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



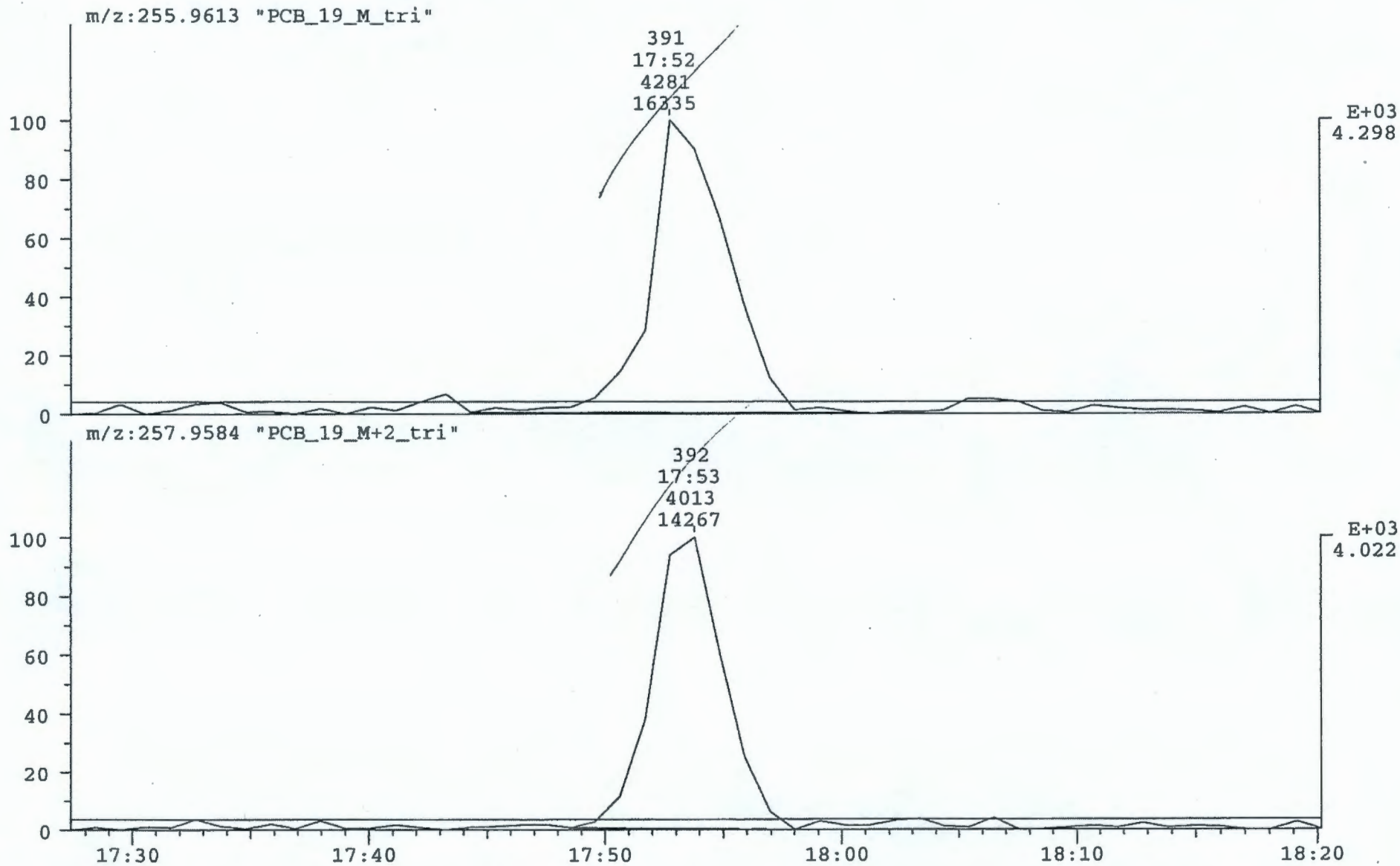
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  23:24.3      701
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



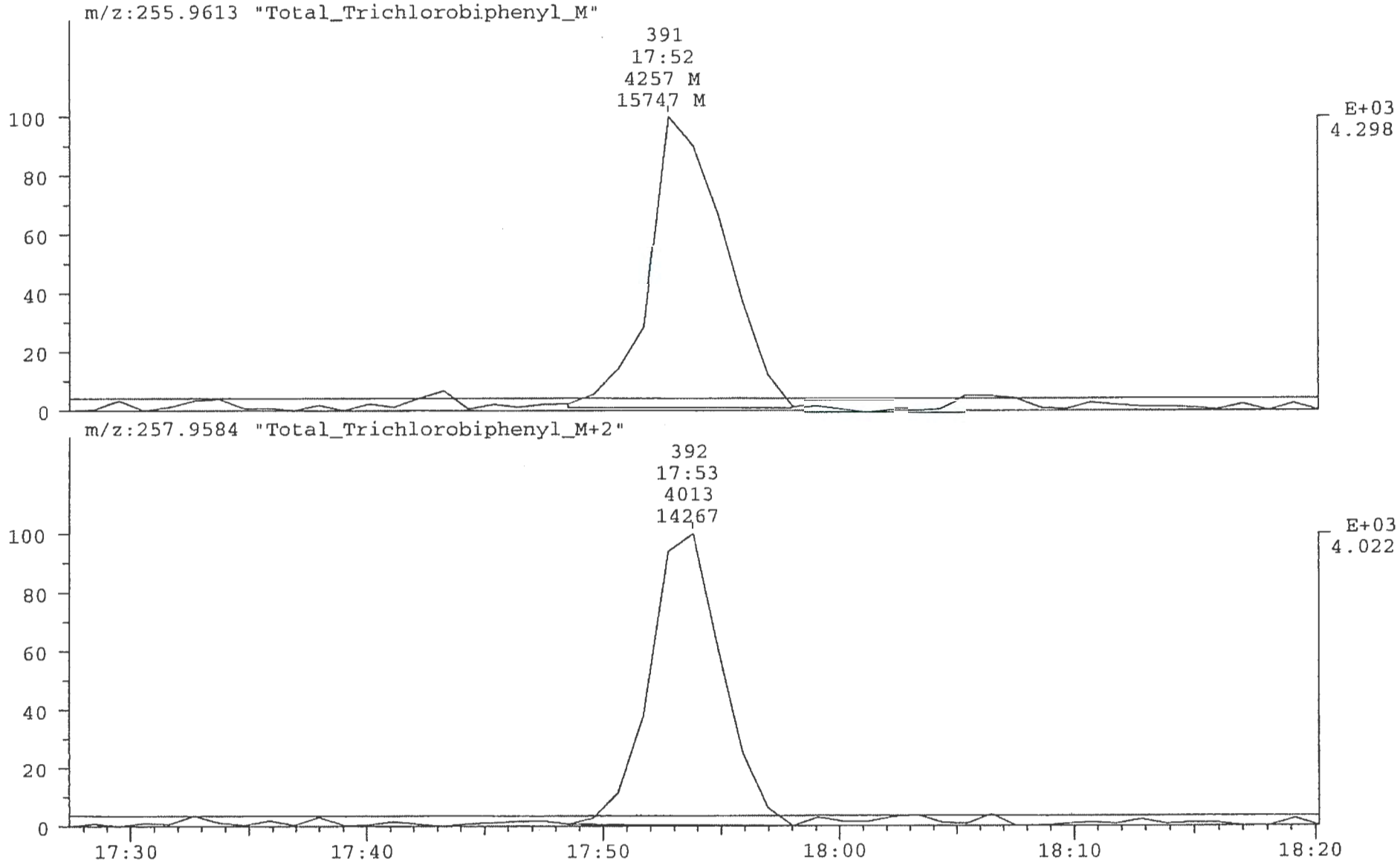
CHRO: a070313i1 13-Mar-07 Elapse: 27:46.9 949
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 924 > 974 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



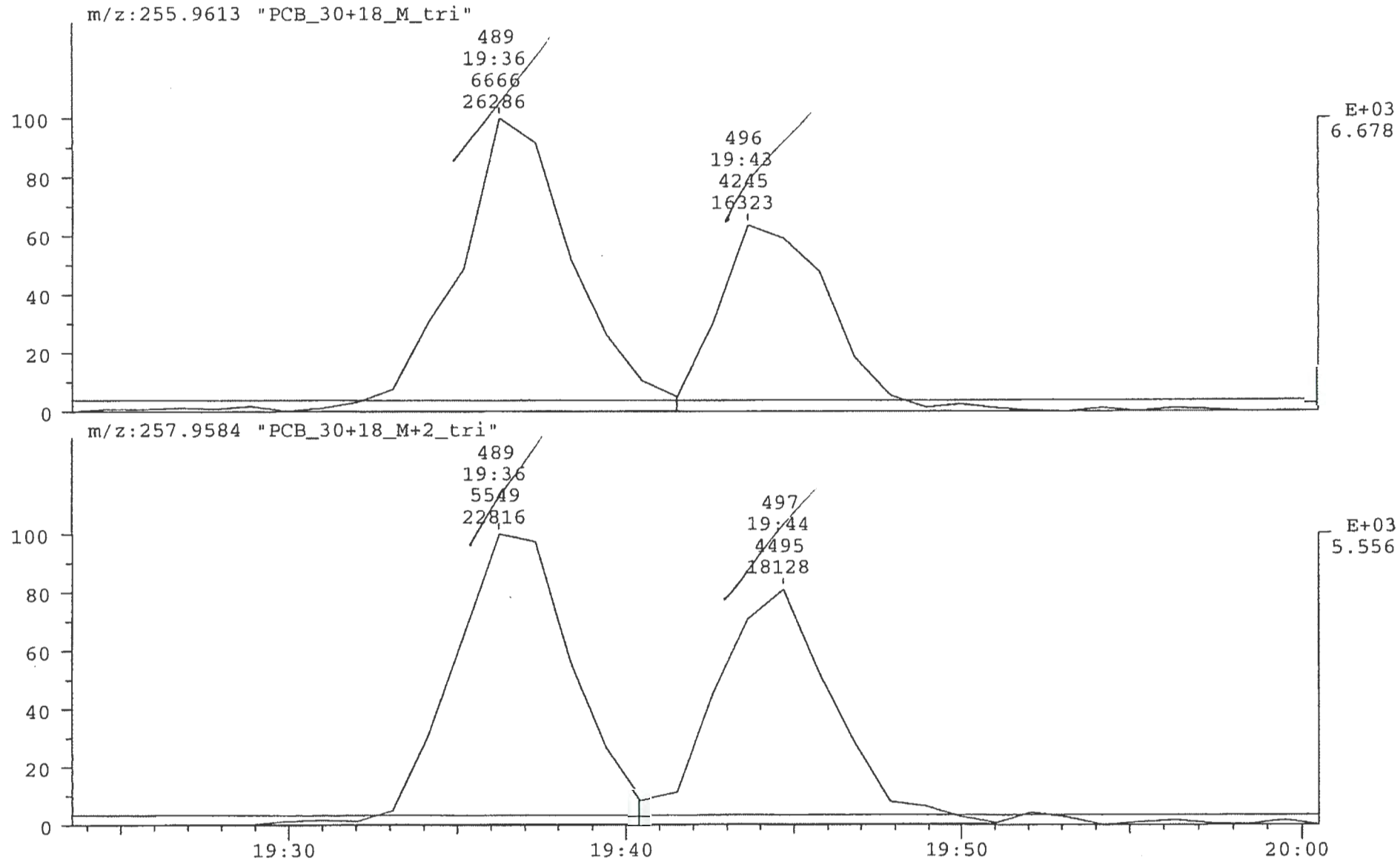
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  17:53.8      392
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC   Vial   4
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
```



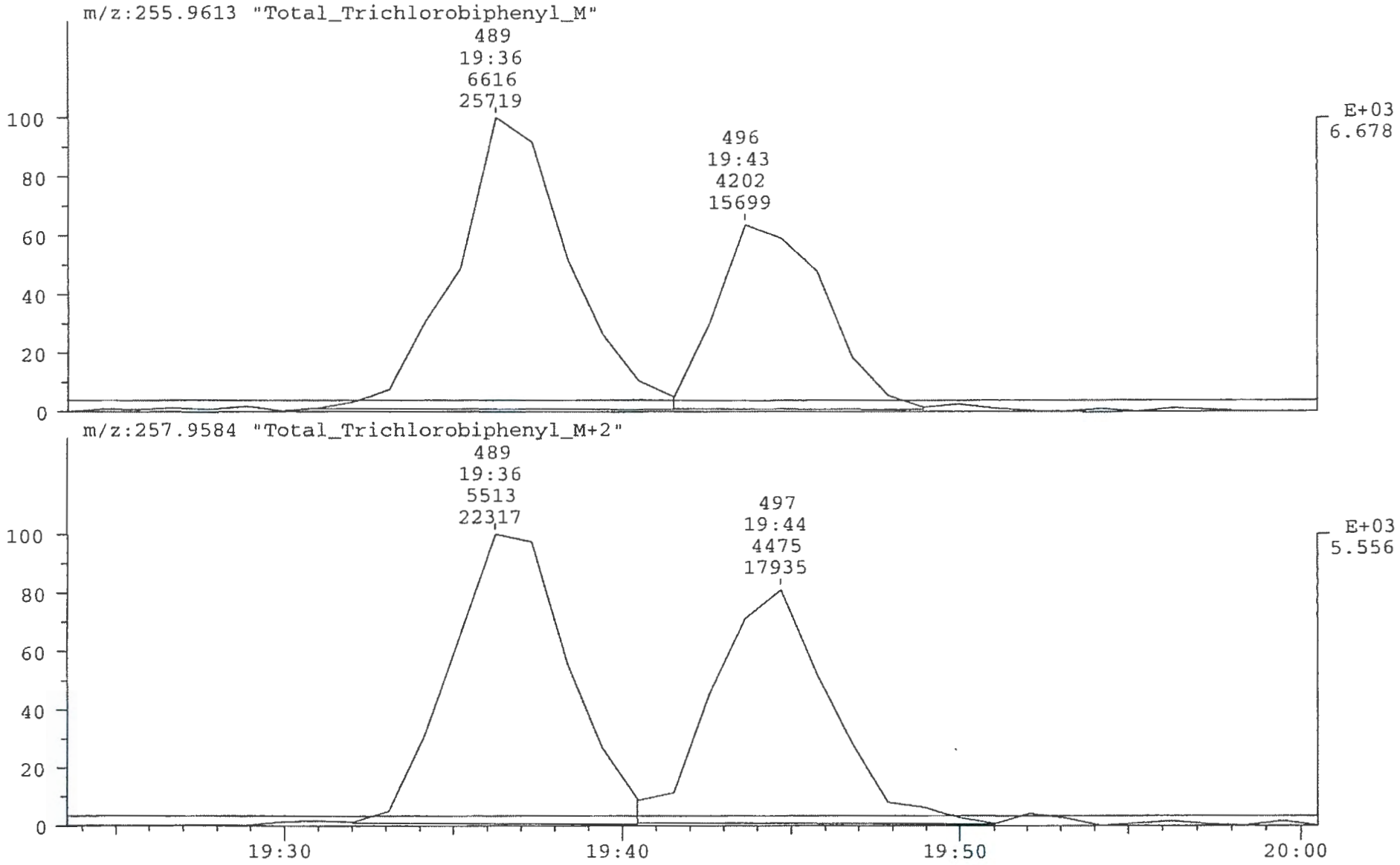
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   367 > 417             Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



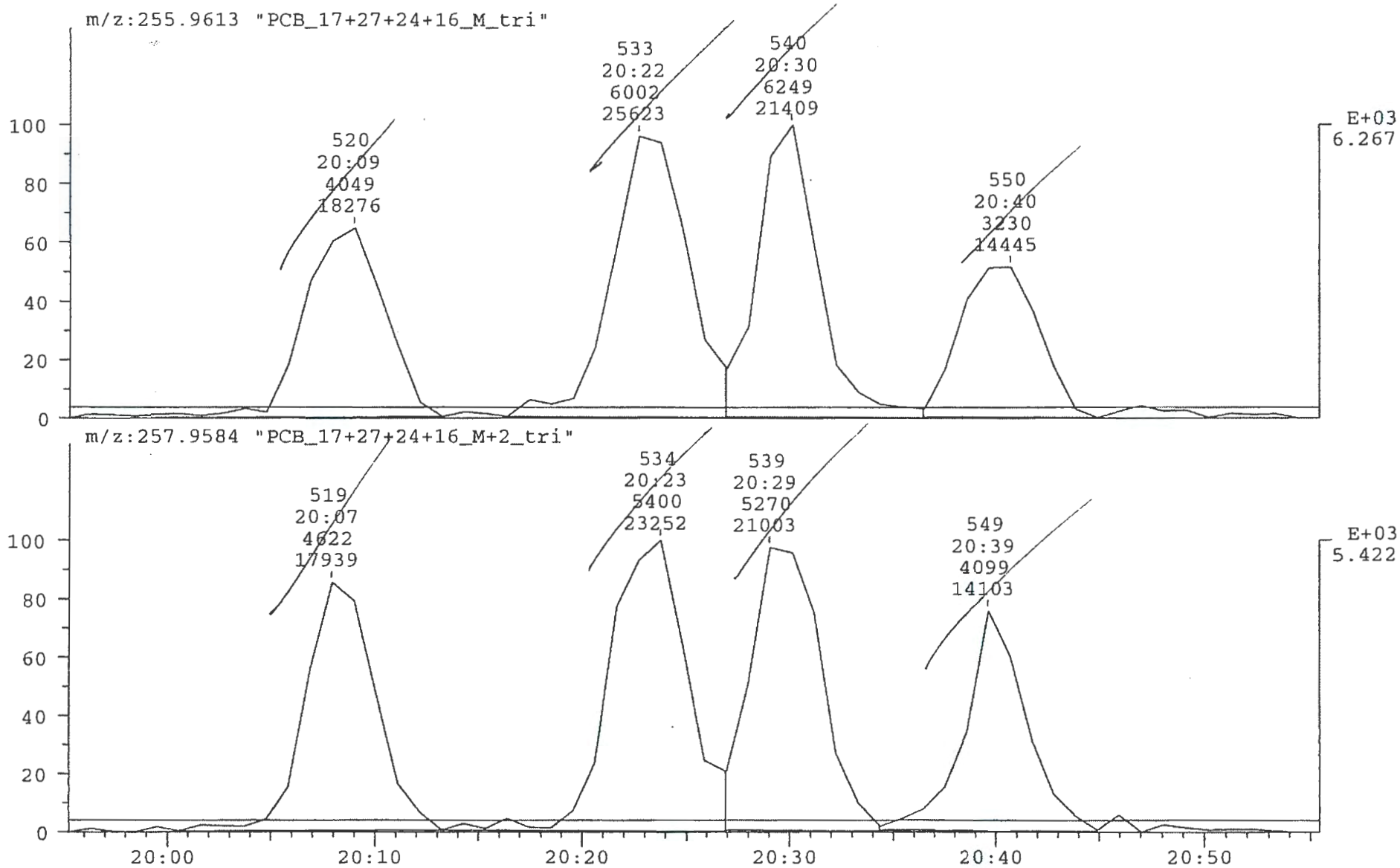
CHRO: a070313i1 13-Mar-07 Elapse: 19:44.7 497
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 477 > 512 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



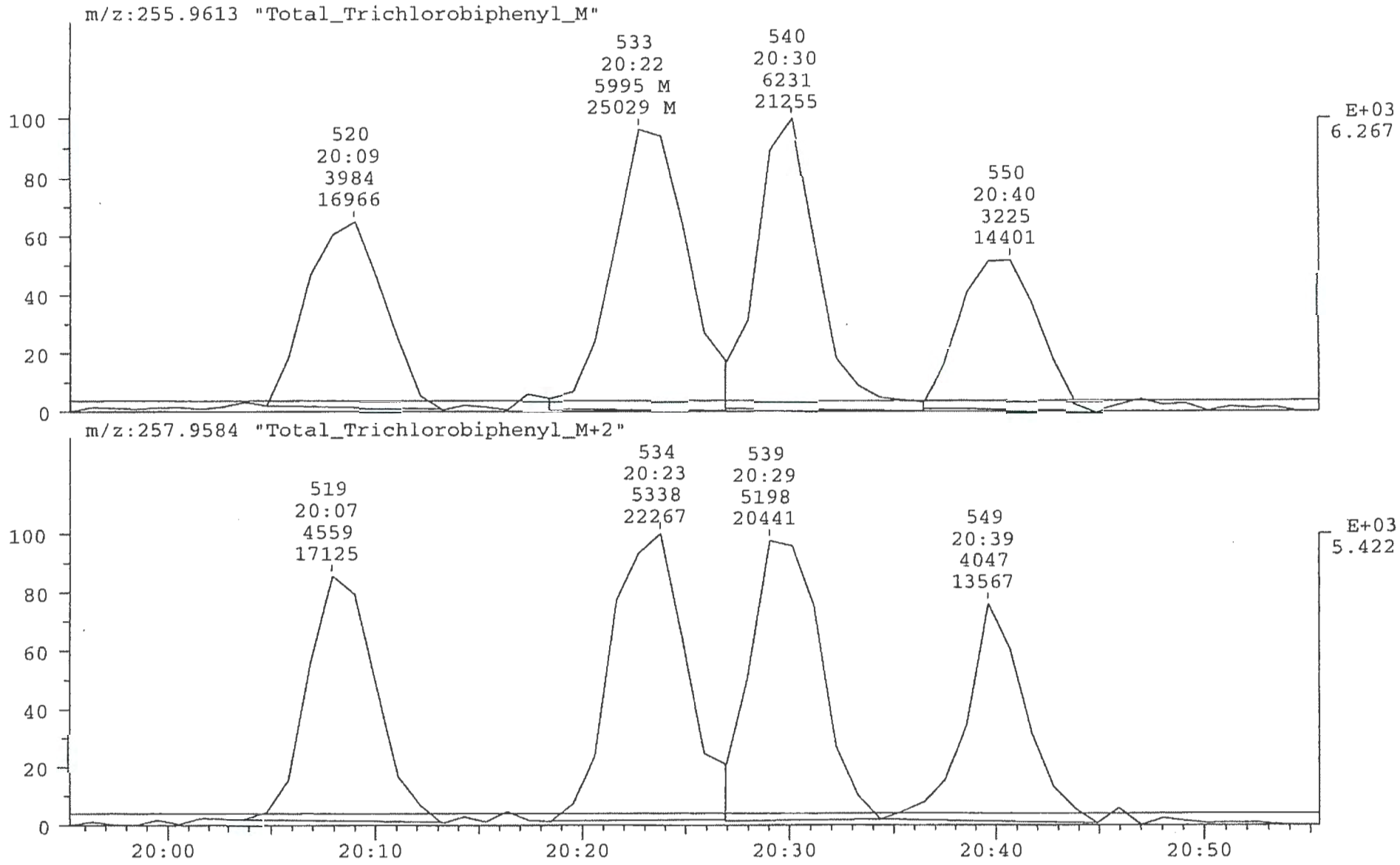
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   477 > 512             Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



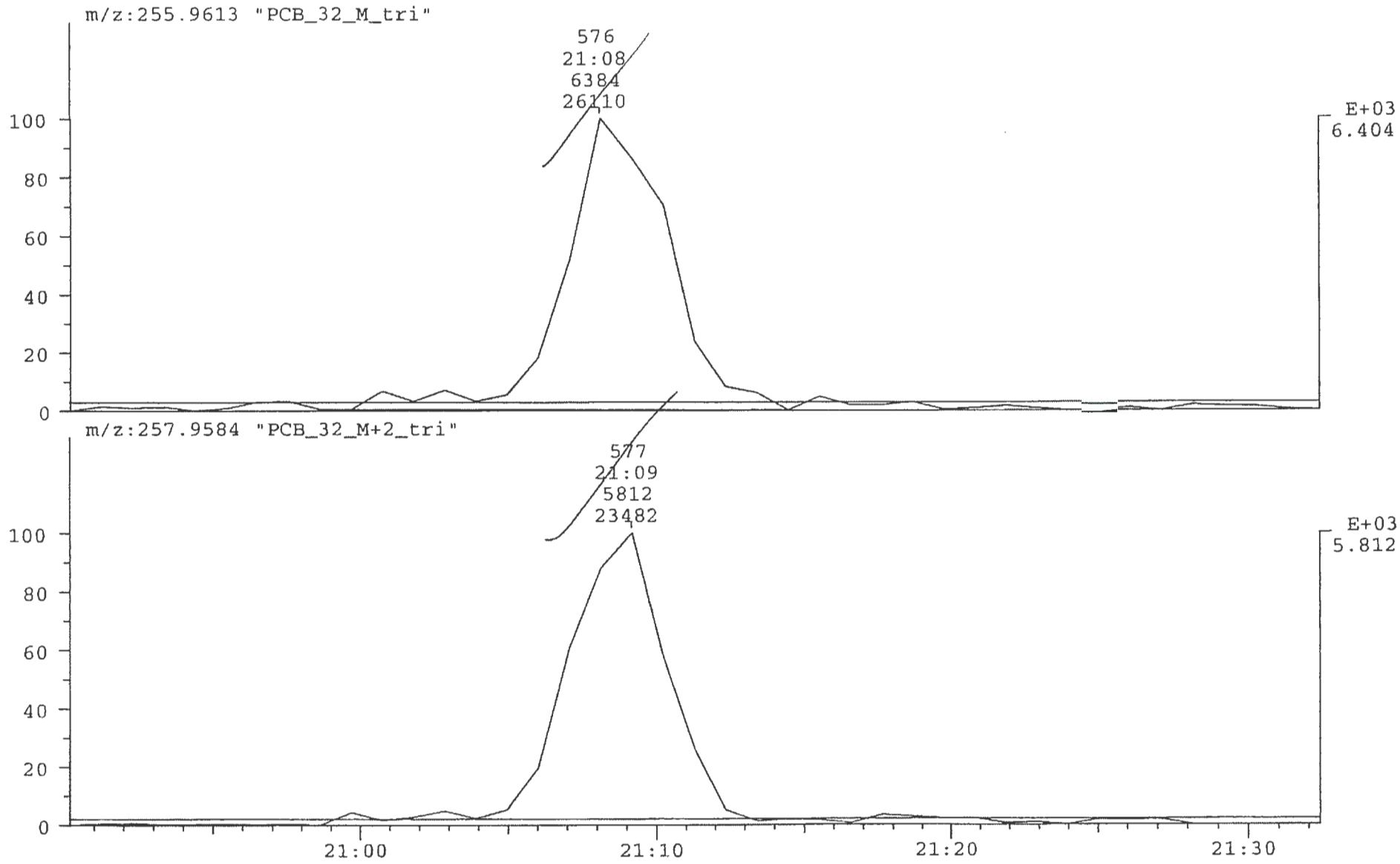
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  20:26.9      537
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



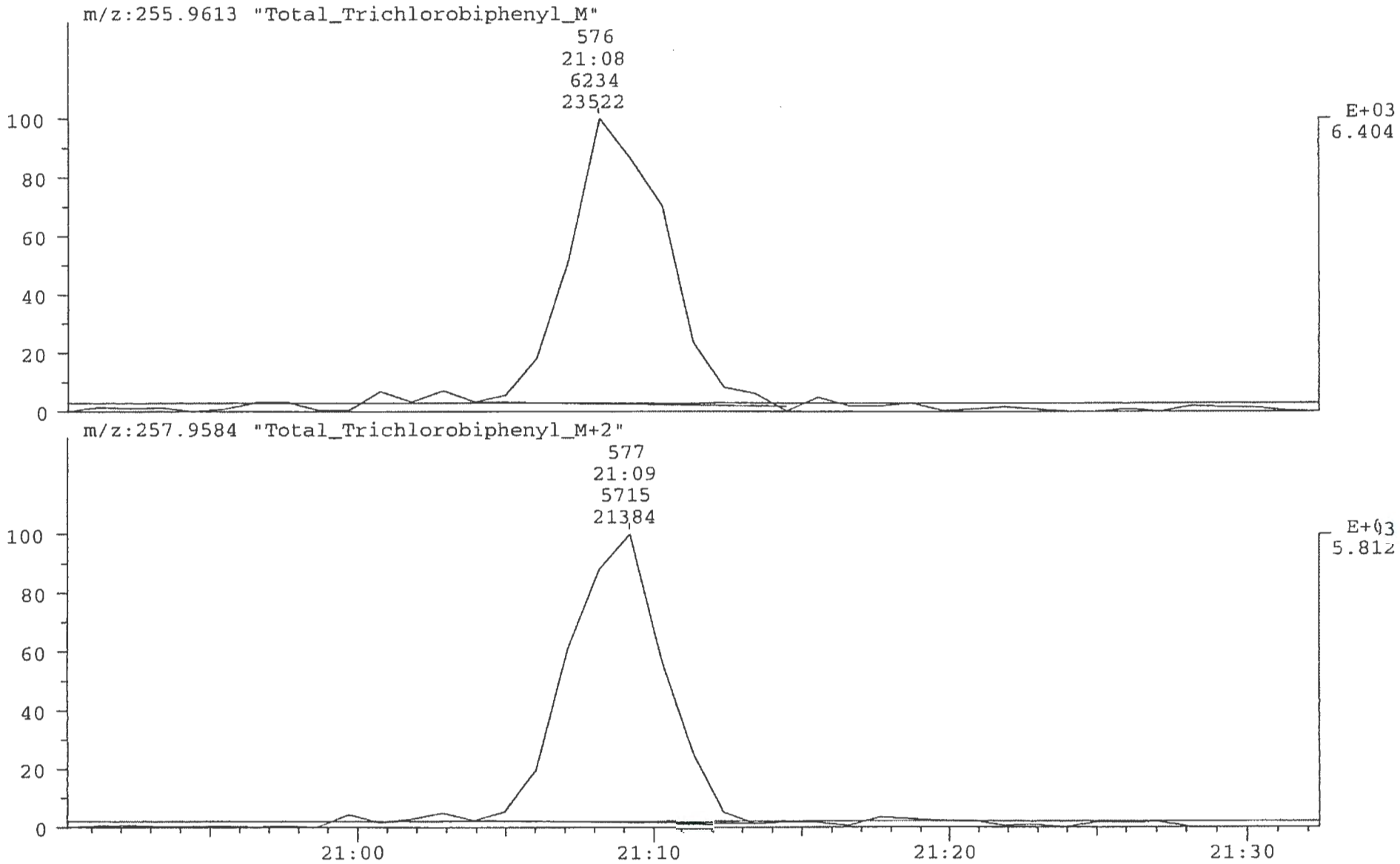
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   507 > 564             Masses:  181 > 510
Area:  5, 1.60, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



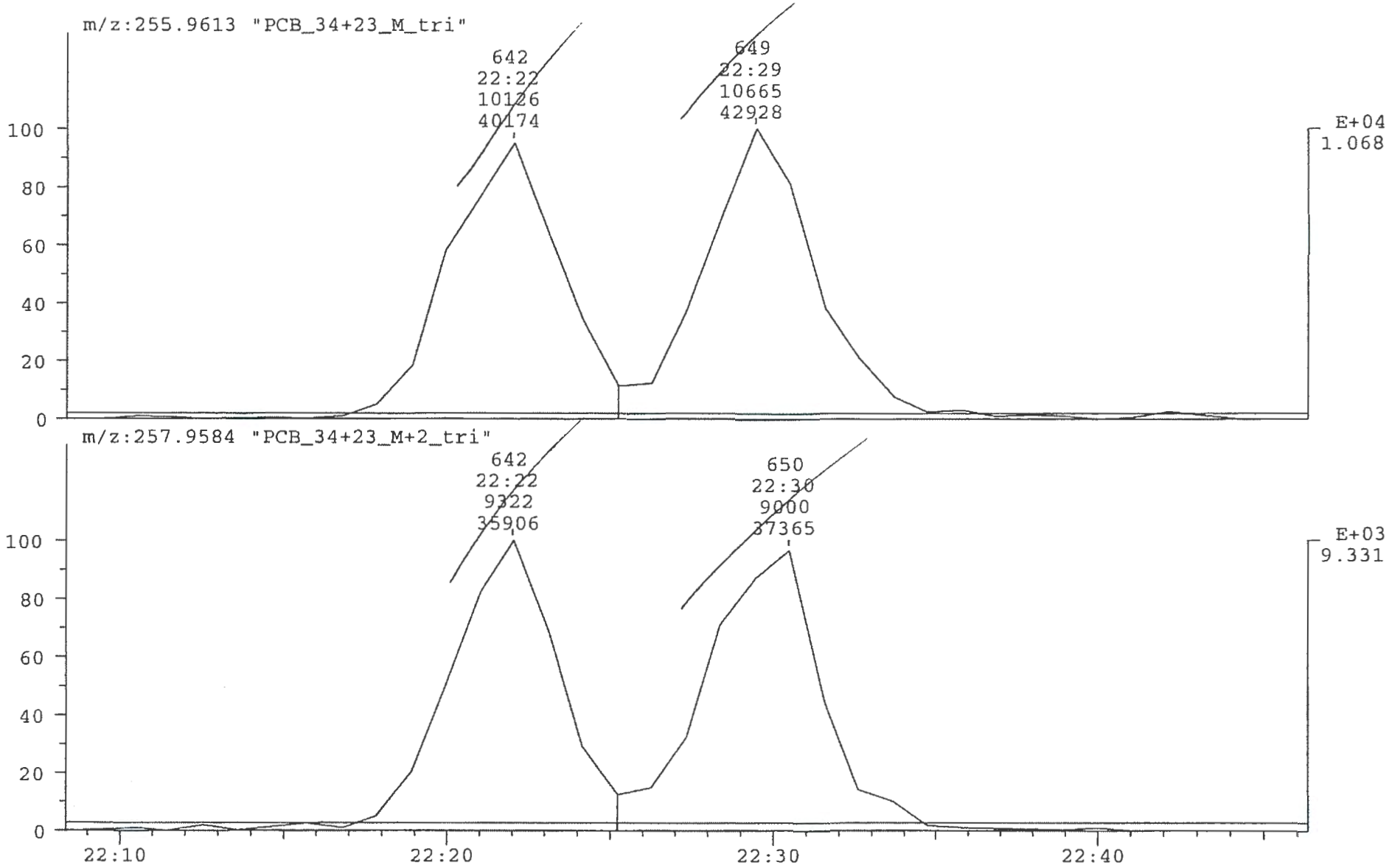
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  21:11.3      579
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



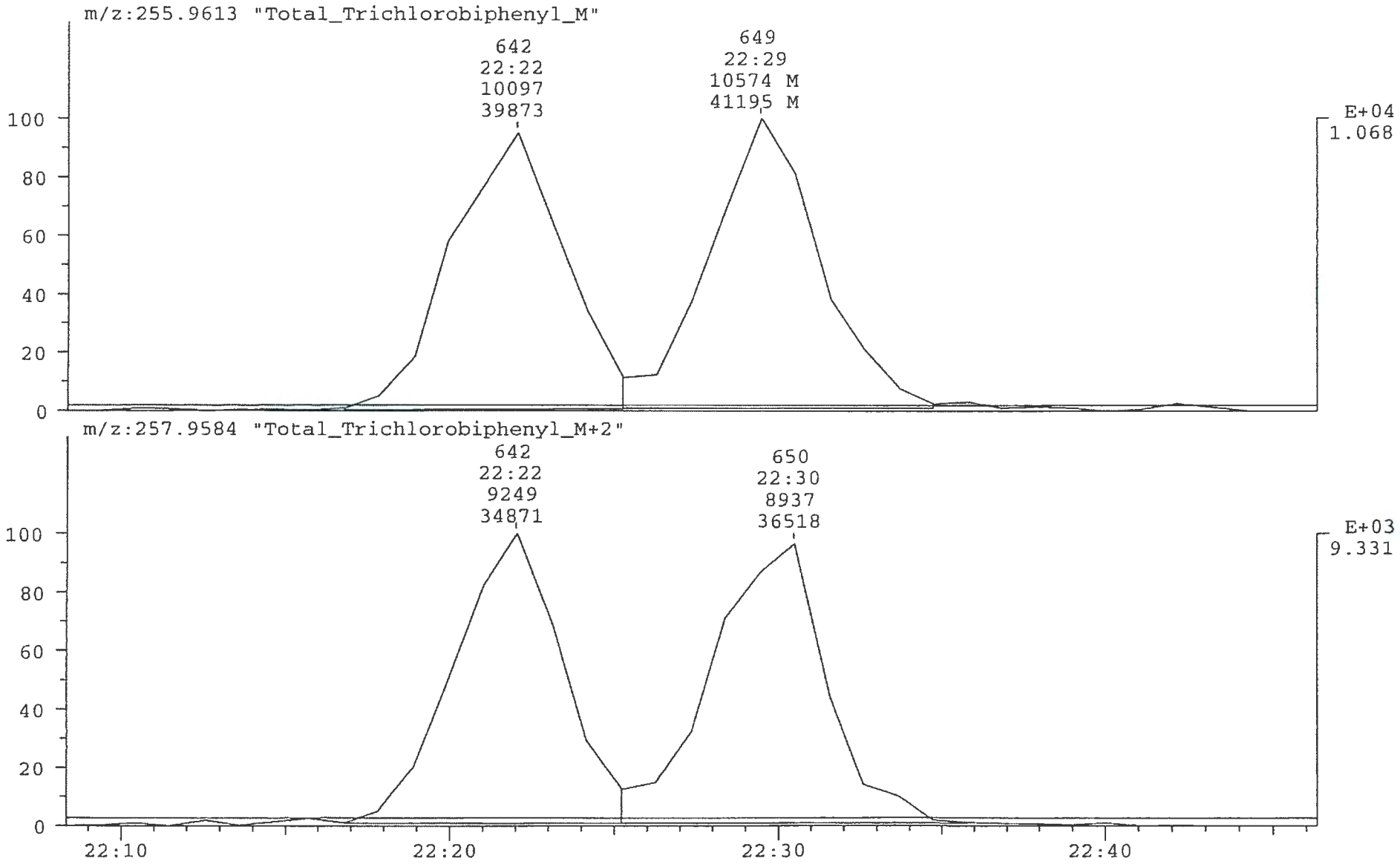
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   559 > 599             Masses:  181 > 510
Area:  5, 4.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



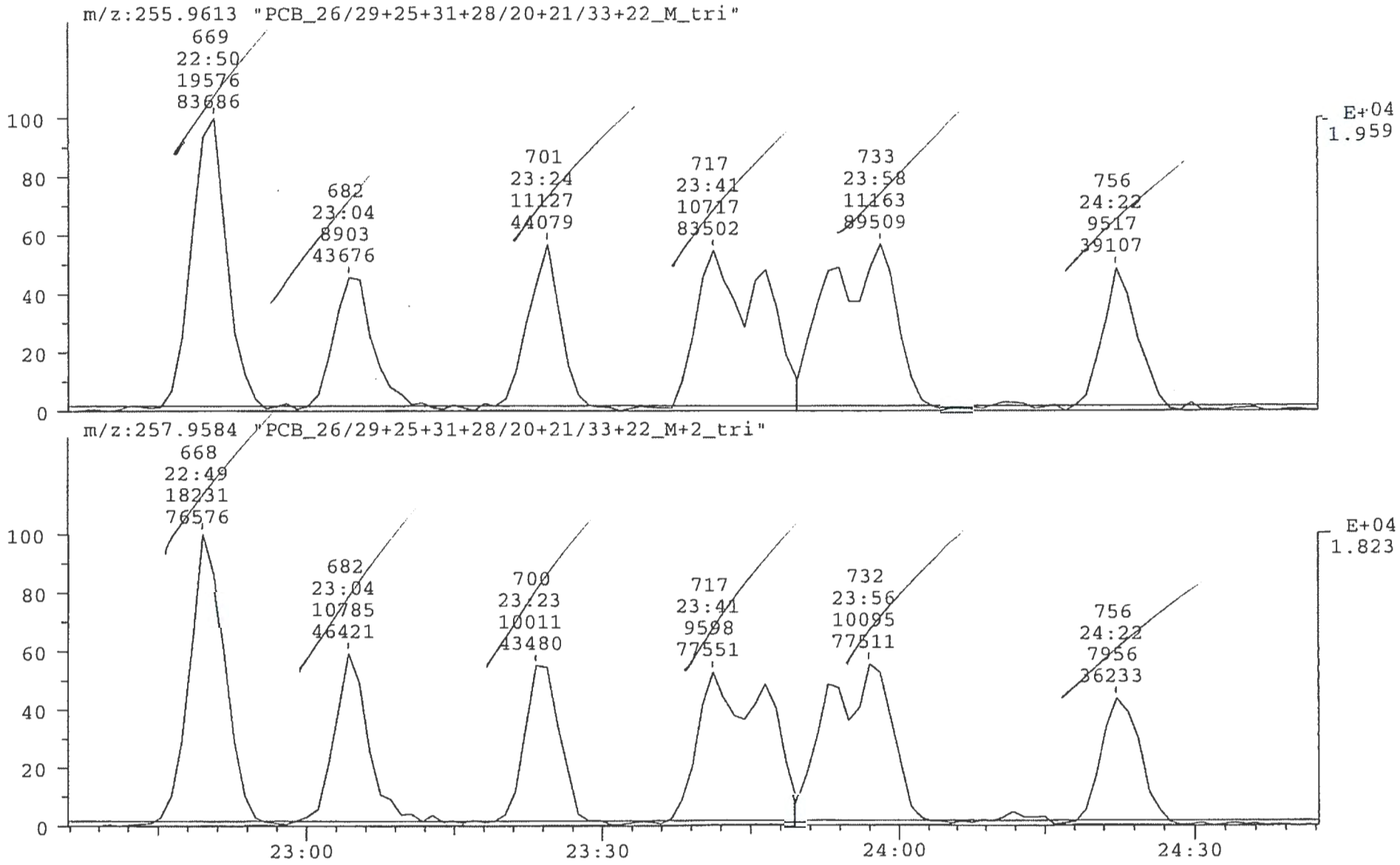
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  22:24.1      644
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   629 > 665             Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```

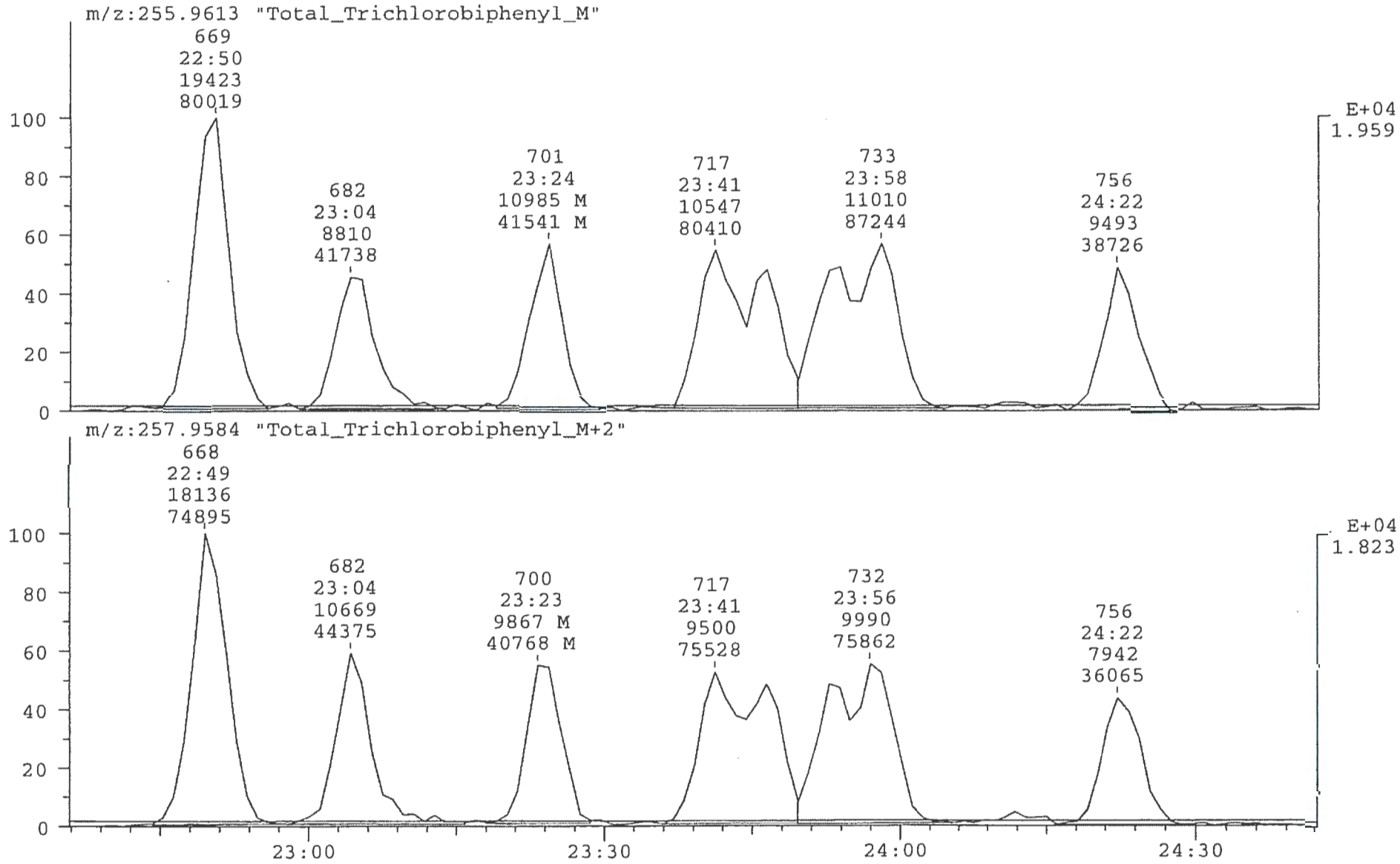


```
CHRO:  a070313i1                                13-Mar-07   Elapse:  23:54.8      730
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```

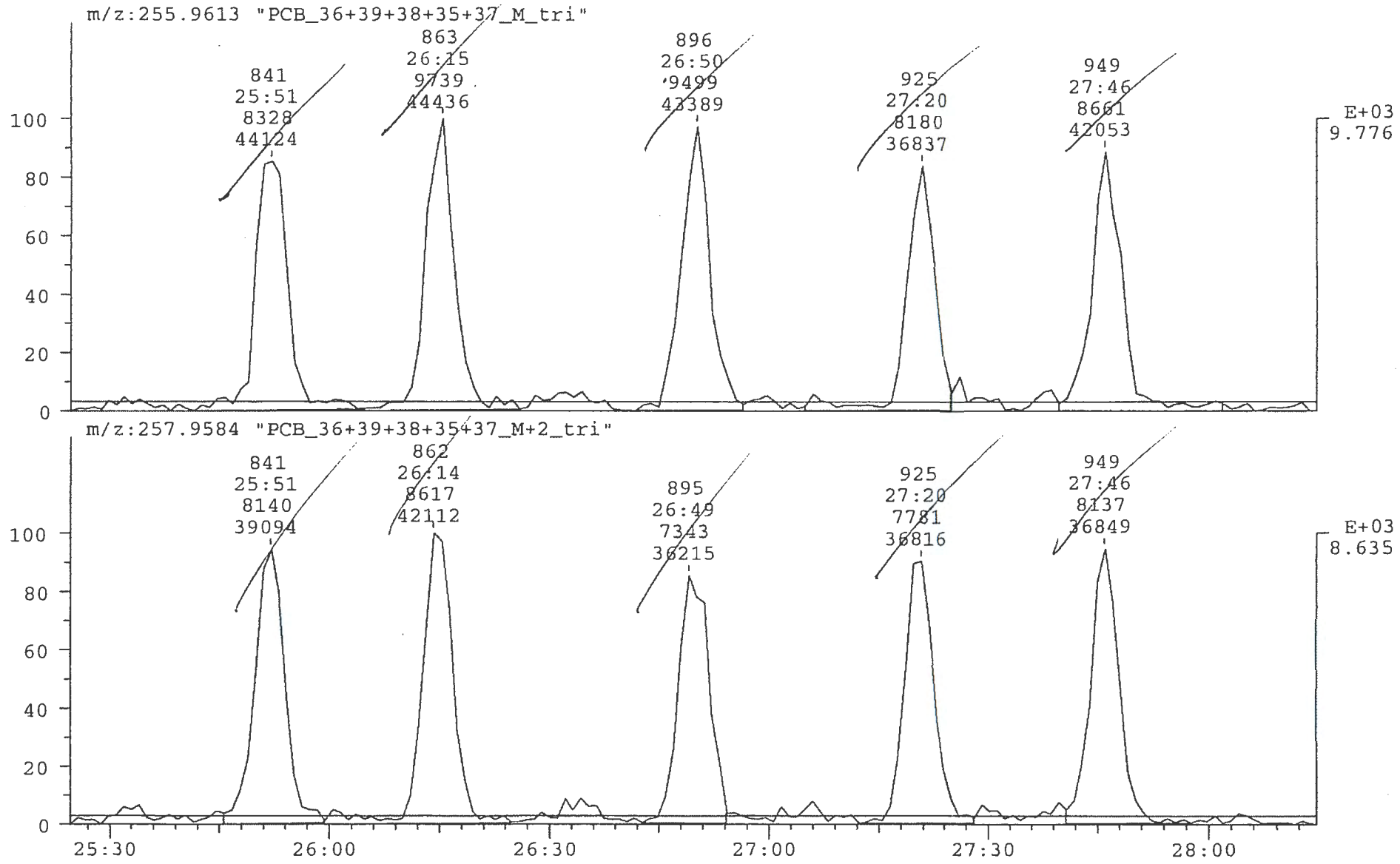


1230

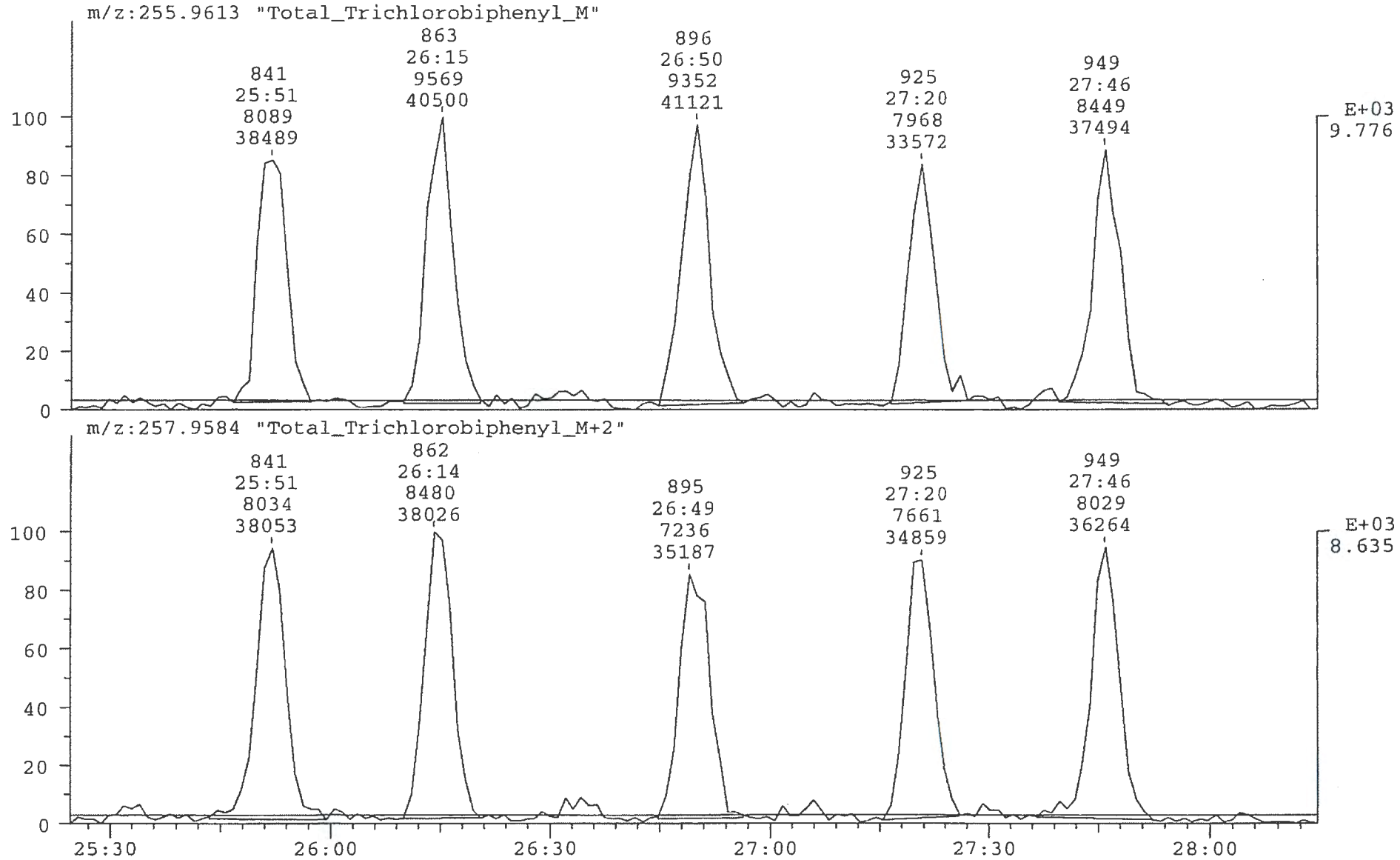
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   655 > 775             Masses:  181 > 510
Area:  5, 1.60, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



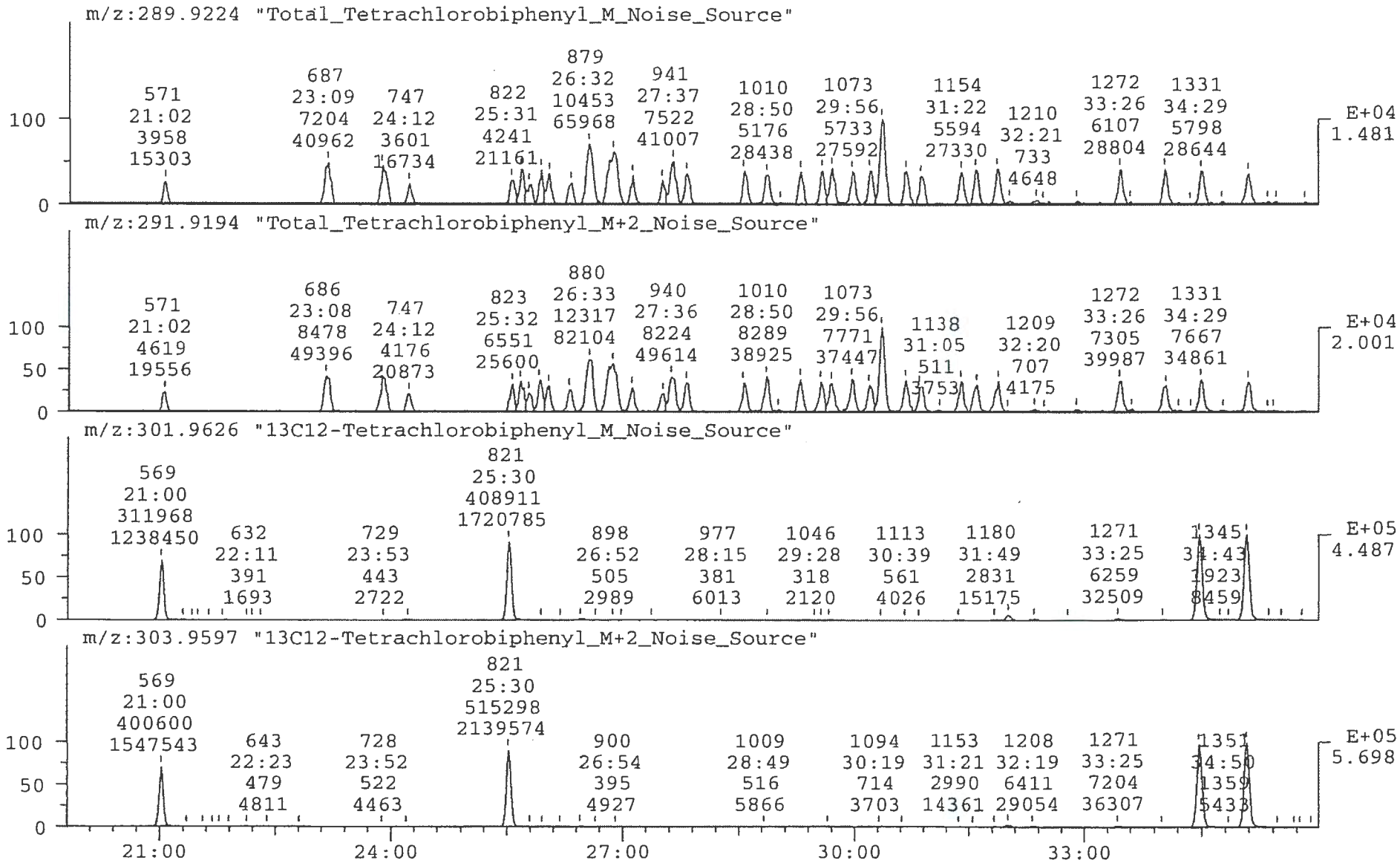
CHRO: a070313i1 13-Mar-07 Elapse: 26:54.2 900
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 815 > 976 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



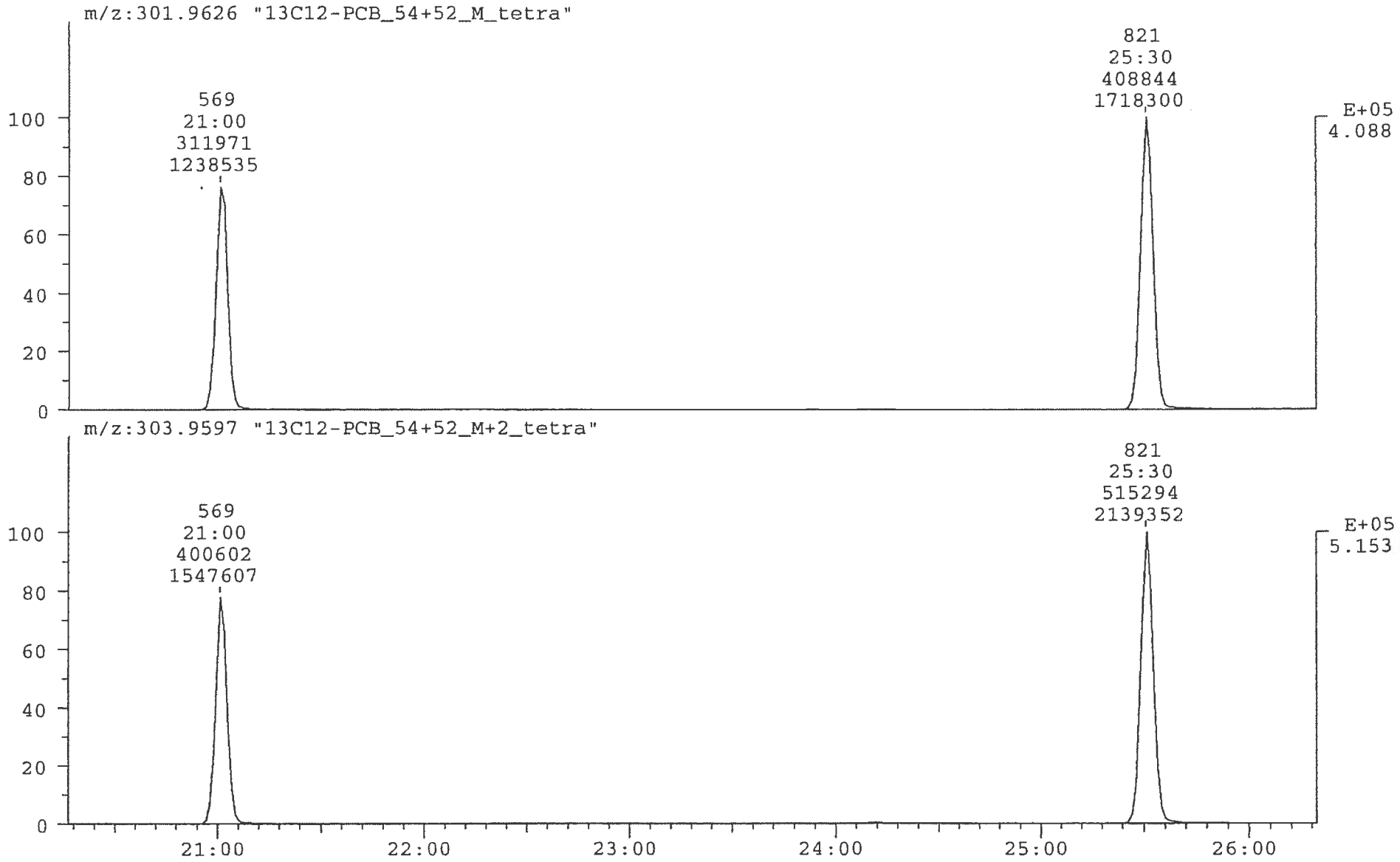
CHRO: a070313i1 13-Mar-07 Elapse: 56:12 2555
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 815 > 976 Masses: 181 > 510
Area: 5, 3.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i1 13-Mar-07 Elapse: 27:53.3 956
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
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:  a070313i1                                13-Mar-07   Elapse:  23:20.1      697
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



1235

```
CHRO:  a070313i1                                13-Mar-07   Elapse:  34:13      1316
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
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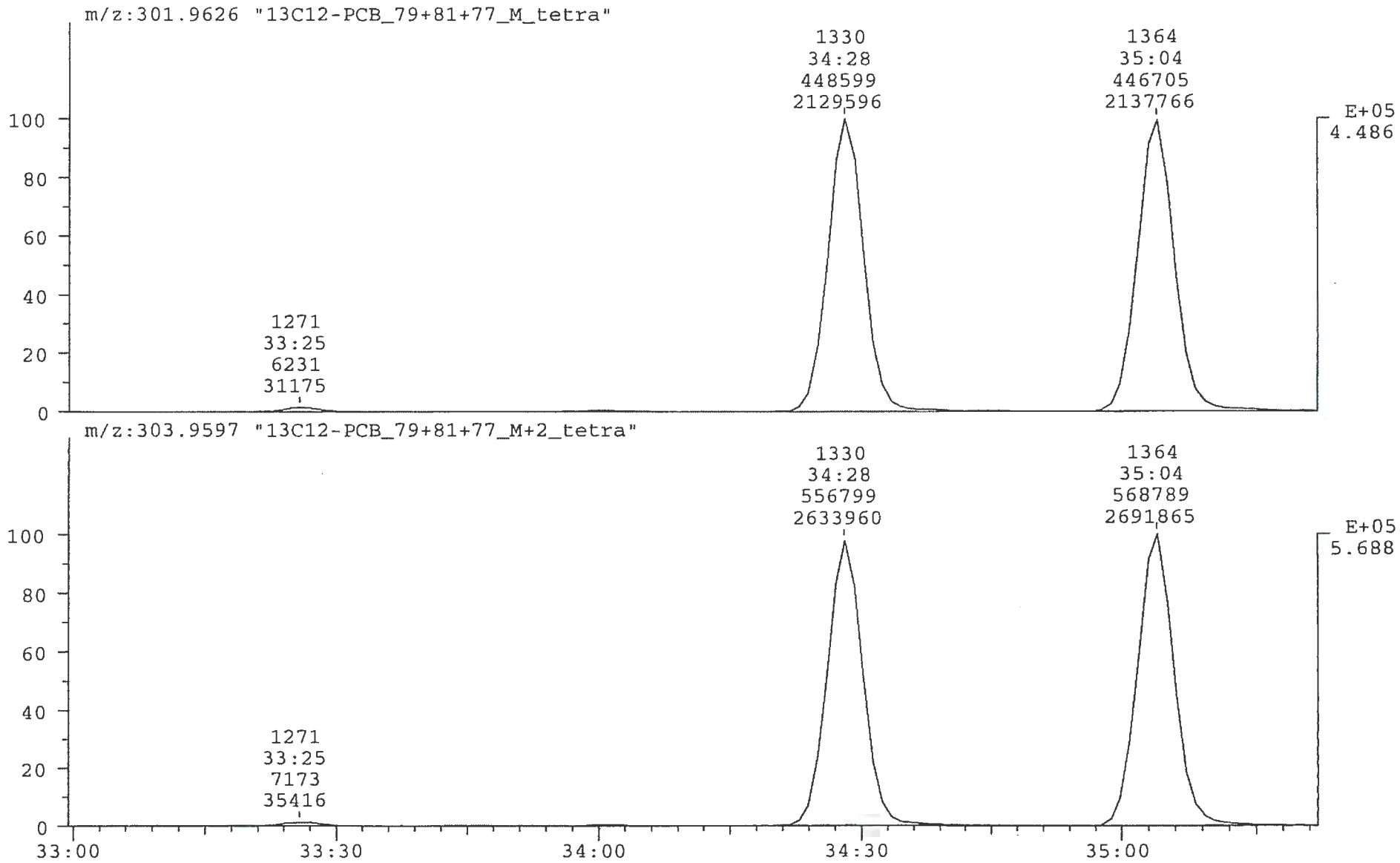
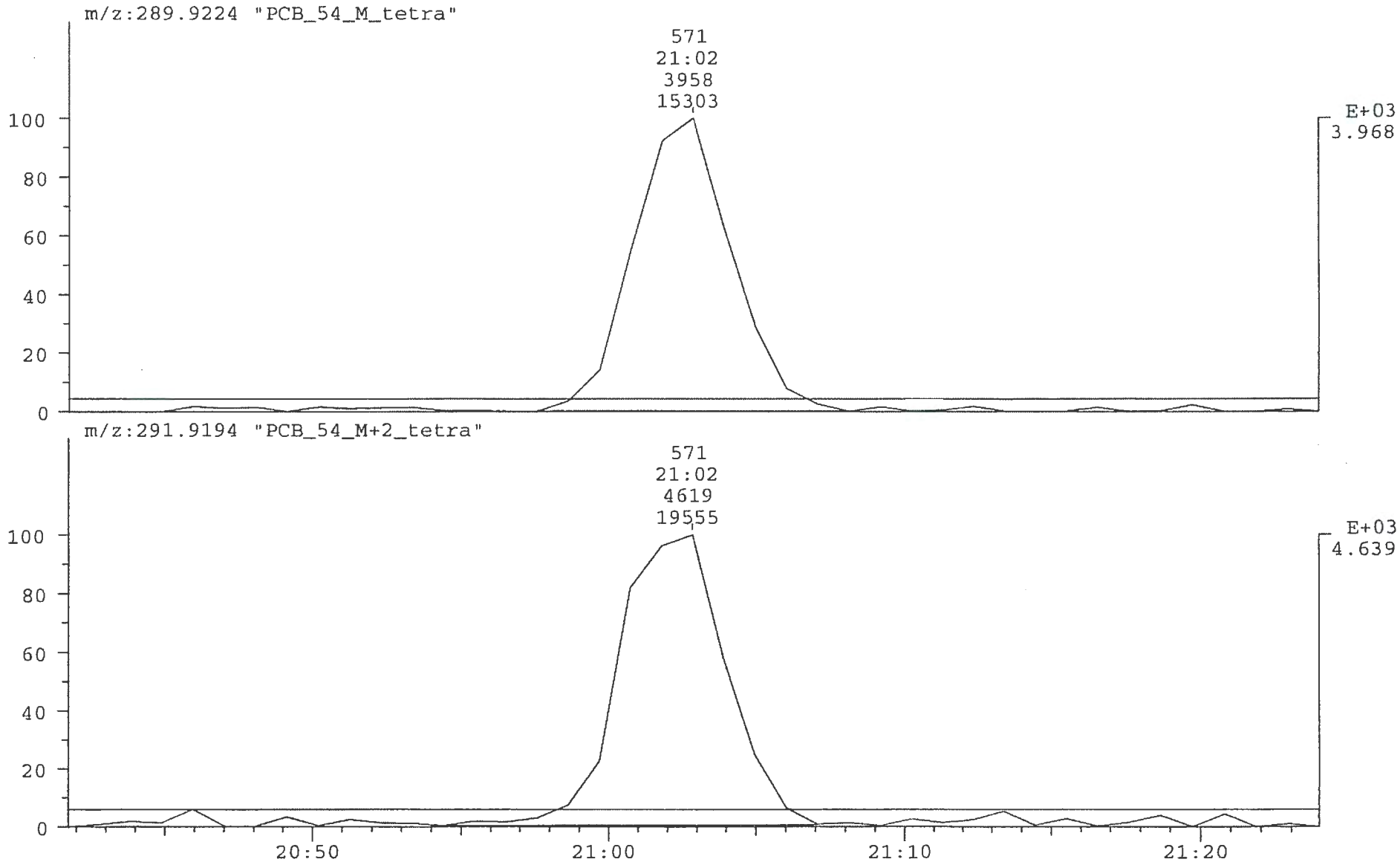
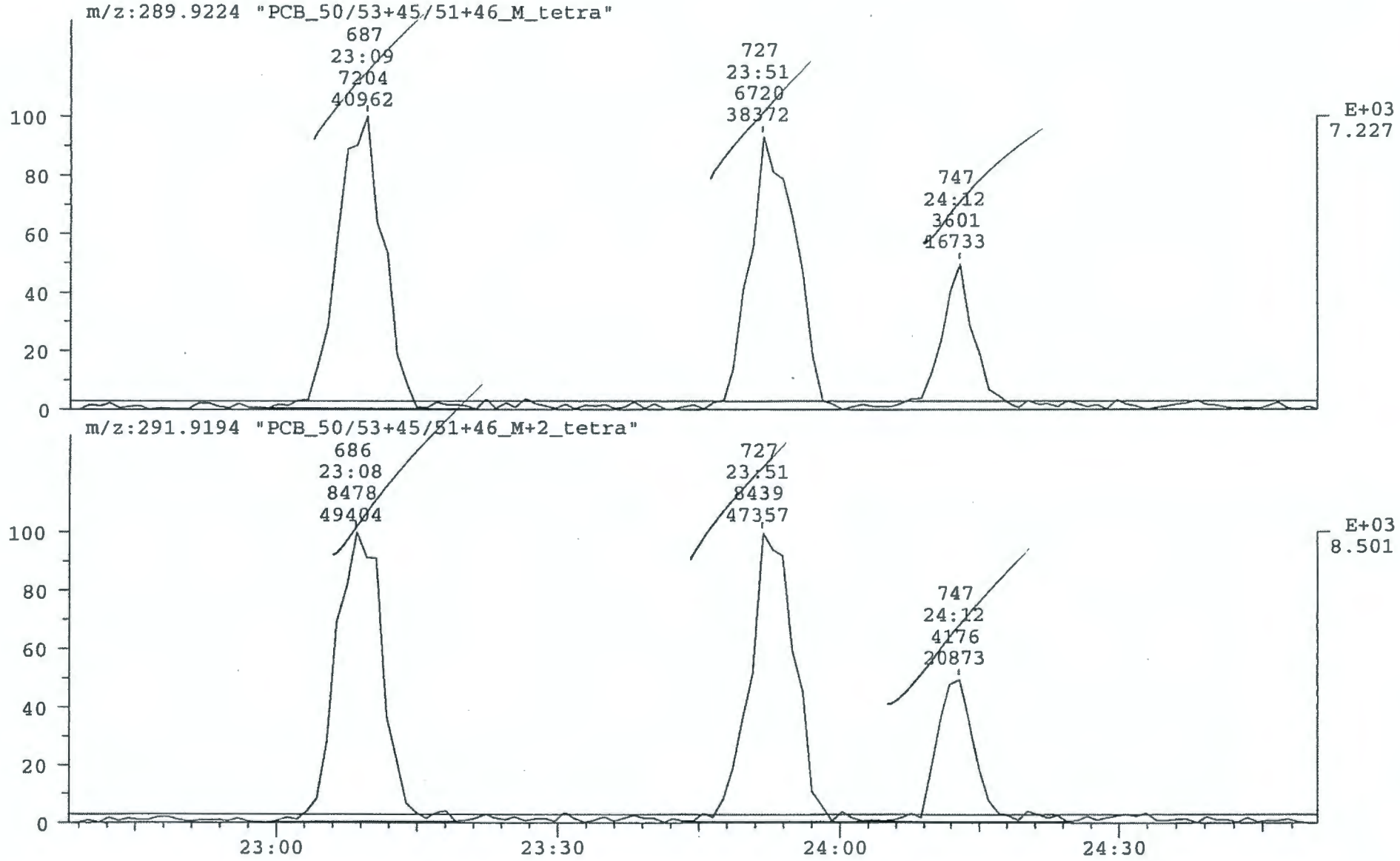


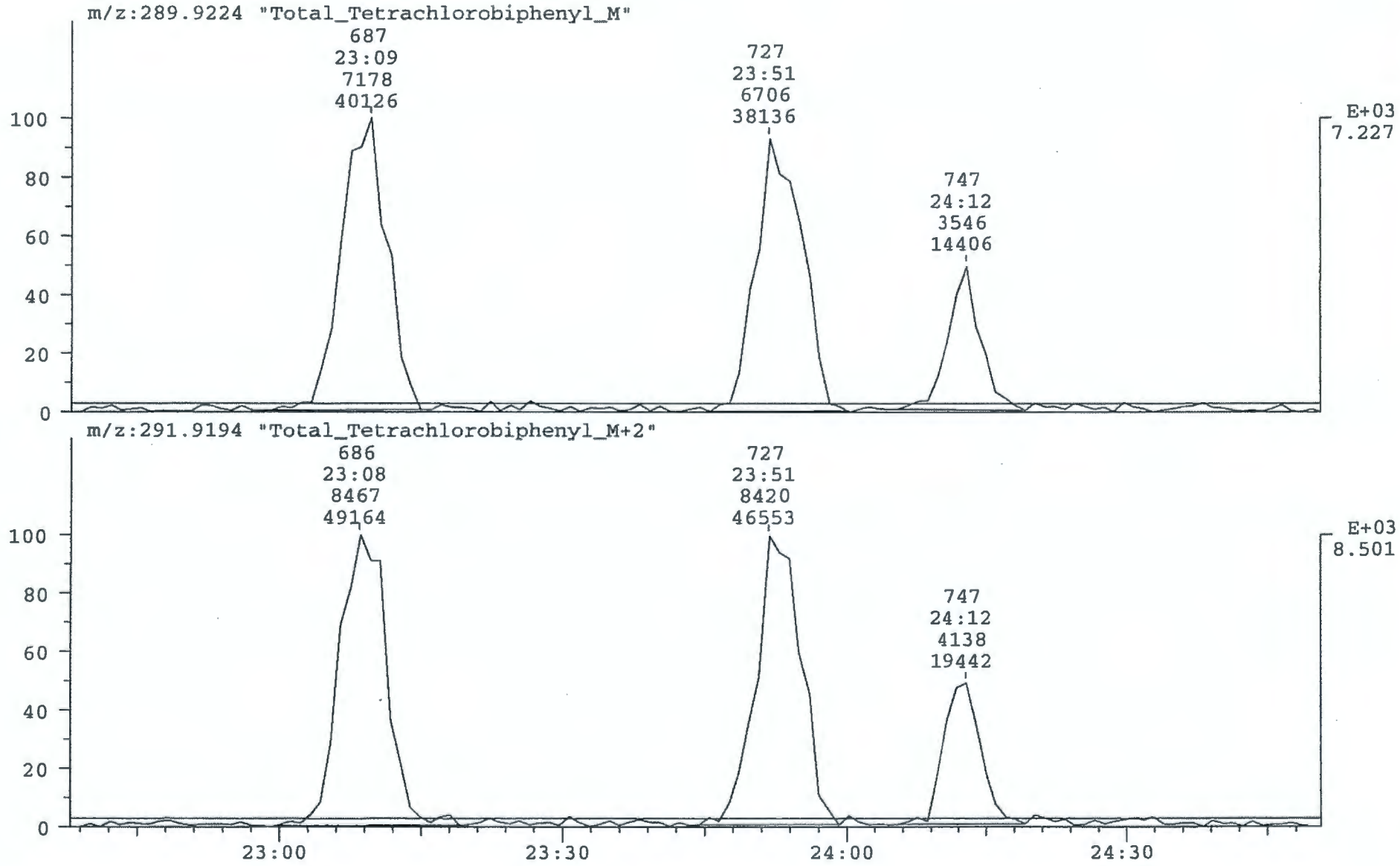
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  21:02.8      571
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
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
```



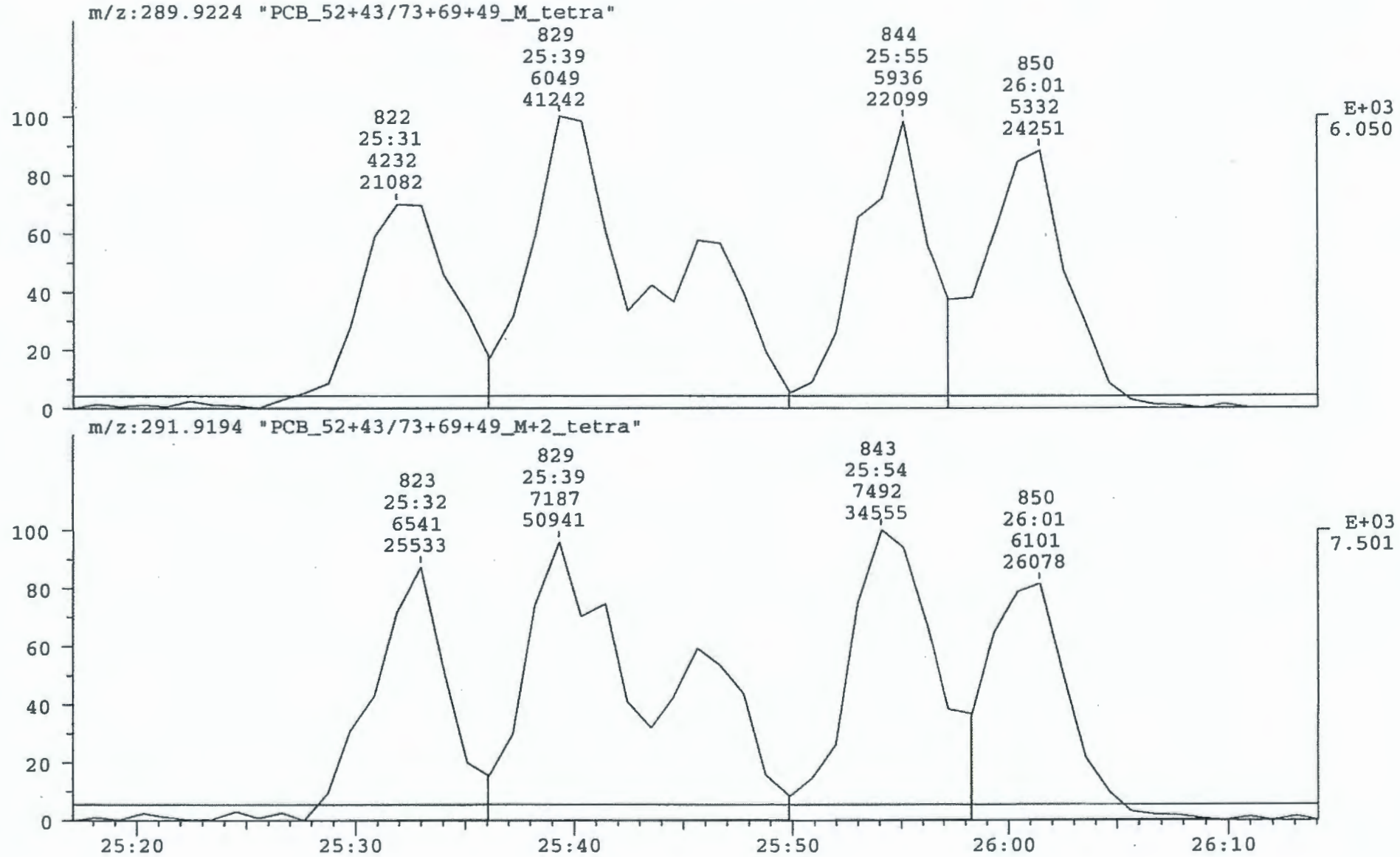
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  23:49.6      725
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



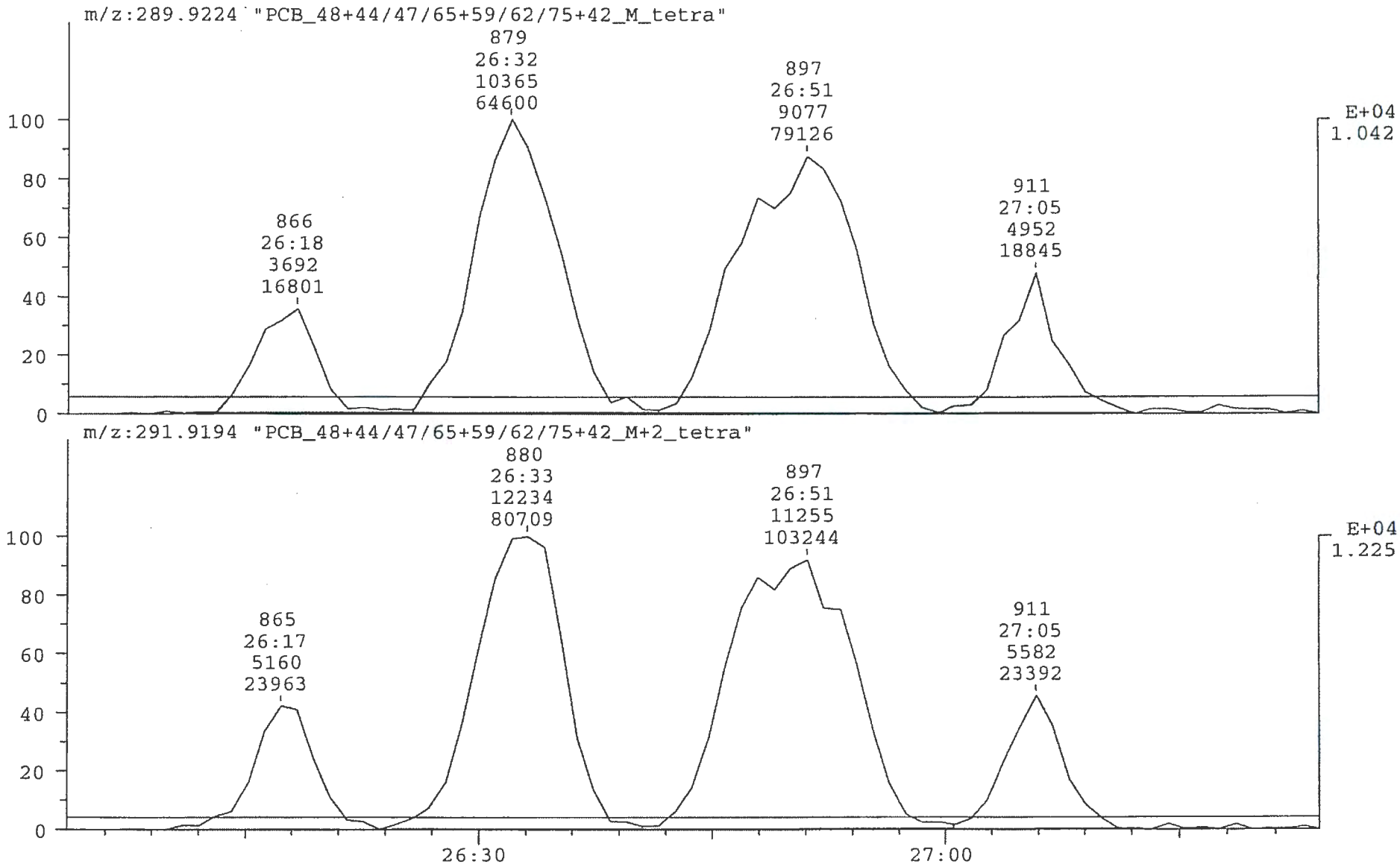
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial  4
Peak:  100.00  ppm     Label wndw:   657 > 783              Masses:  181 > 510
Area:  5, 1.00, 15     Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



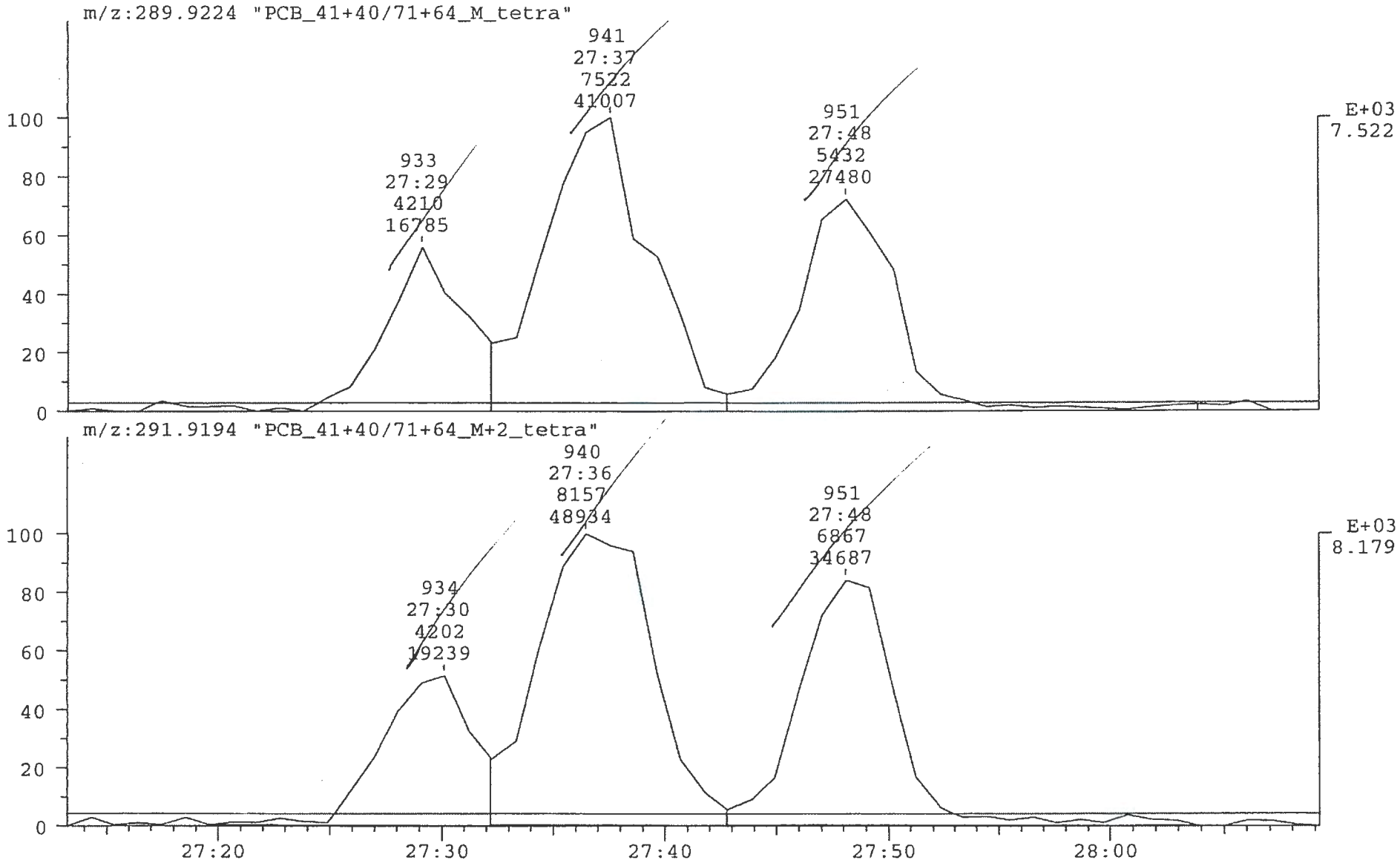
CHRO: a070313i1 13-Mar-07 Elapse: 25:51.9 841
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 808 > 862 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



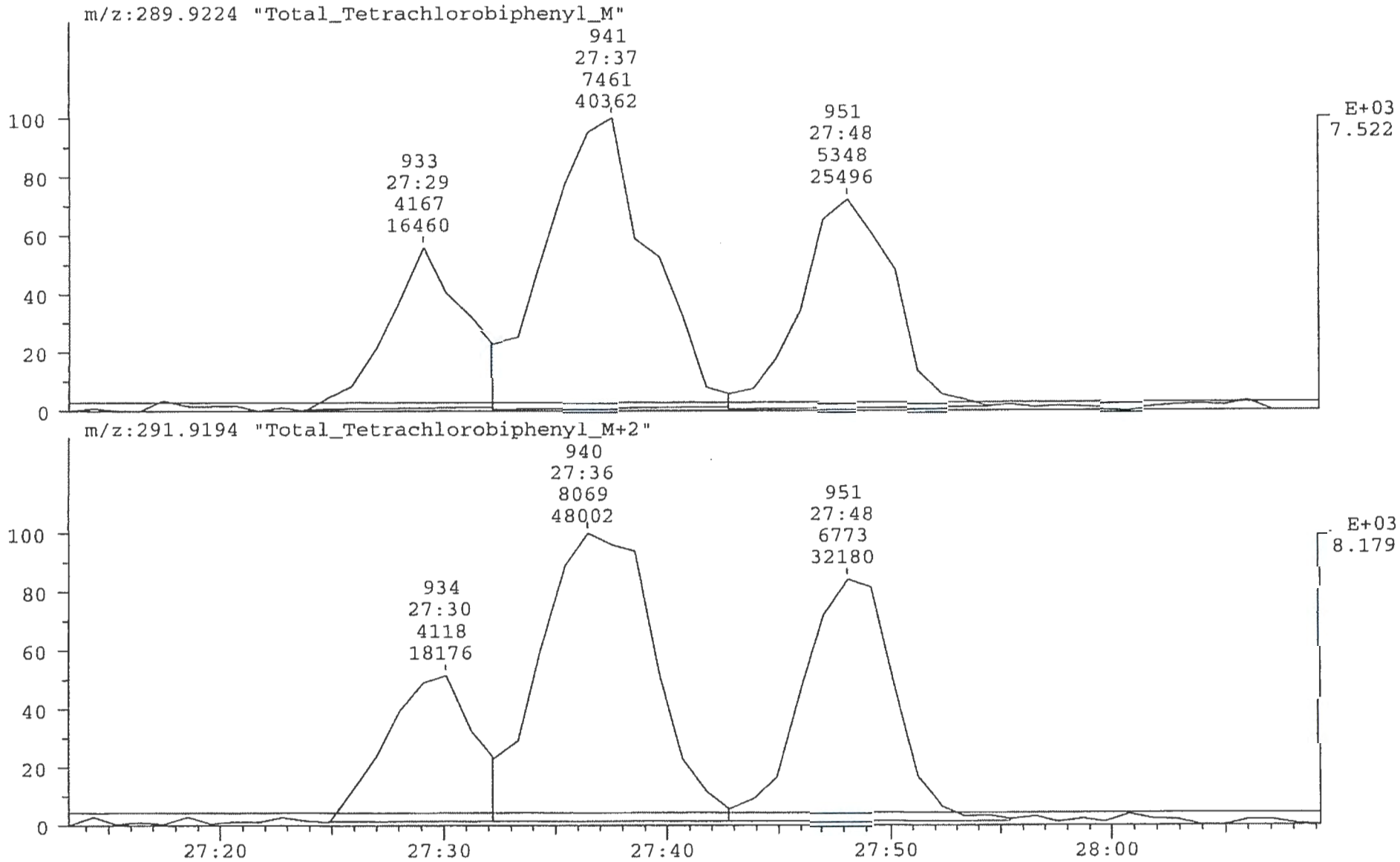
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  26:45.7      892
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



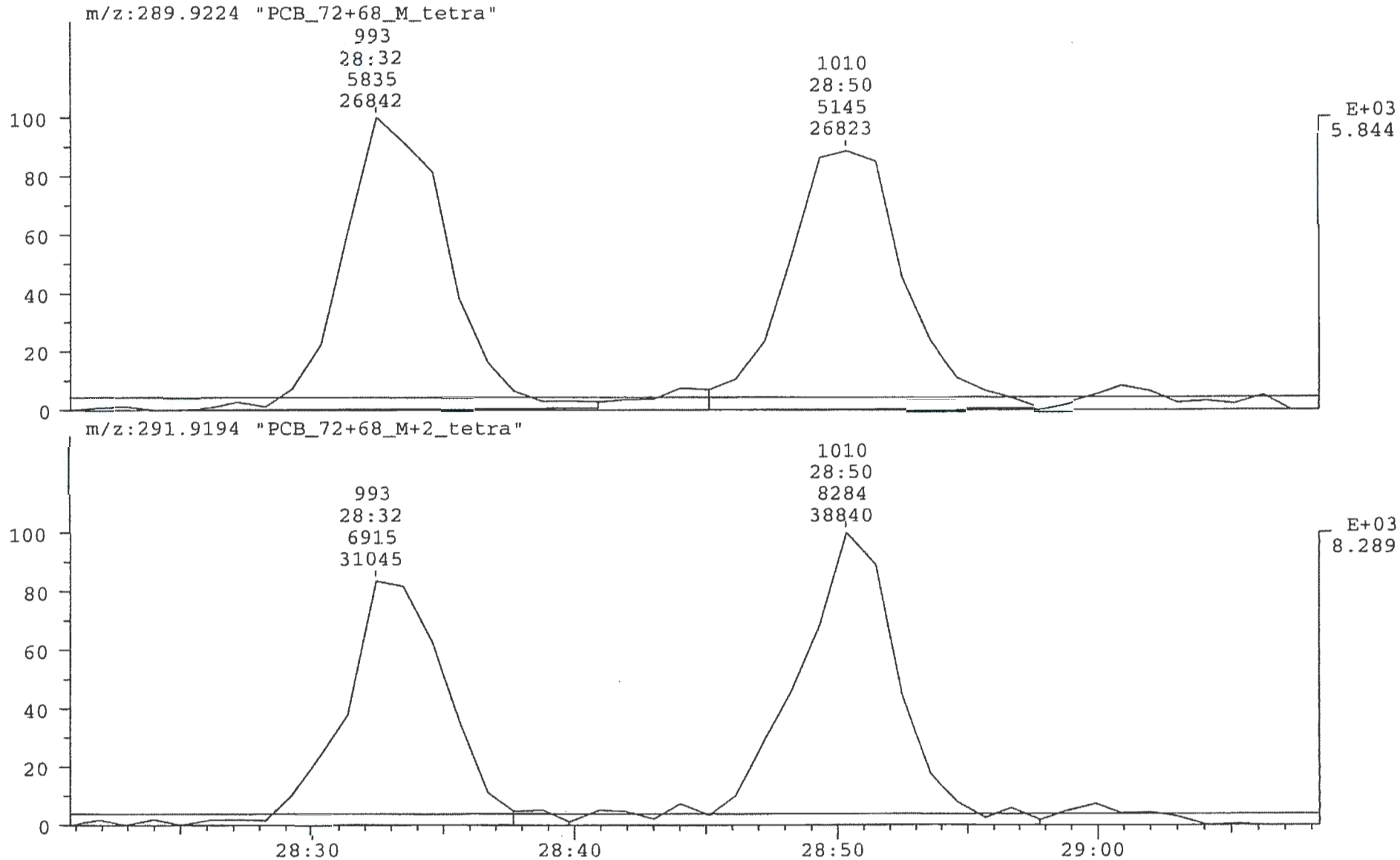
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  27:47.9      950
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



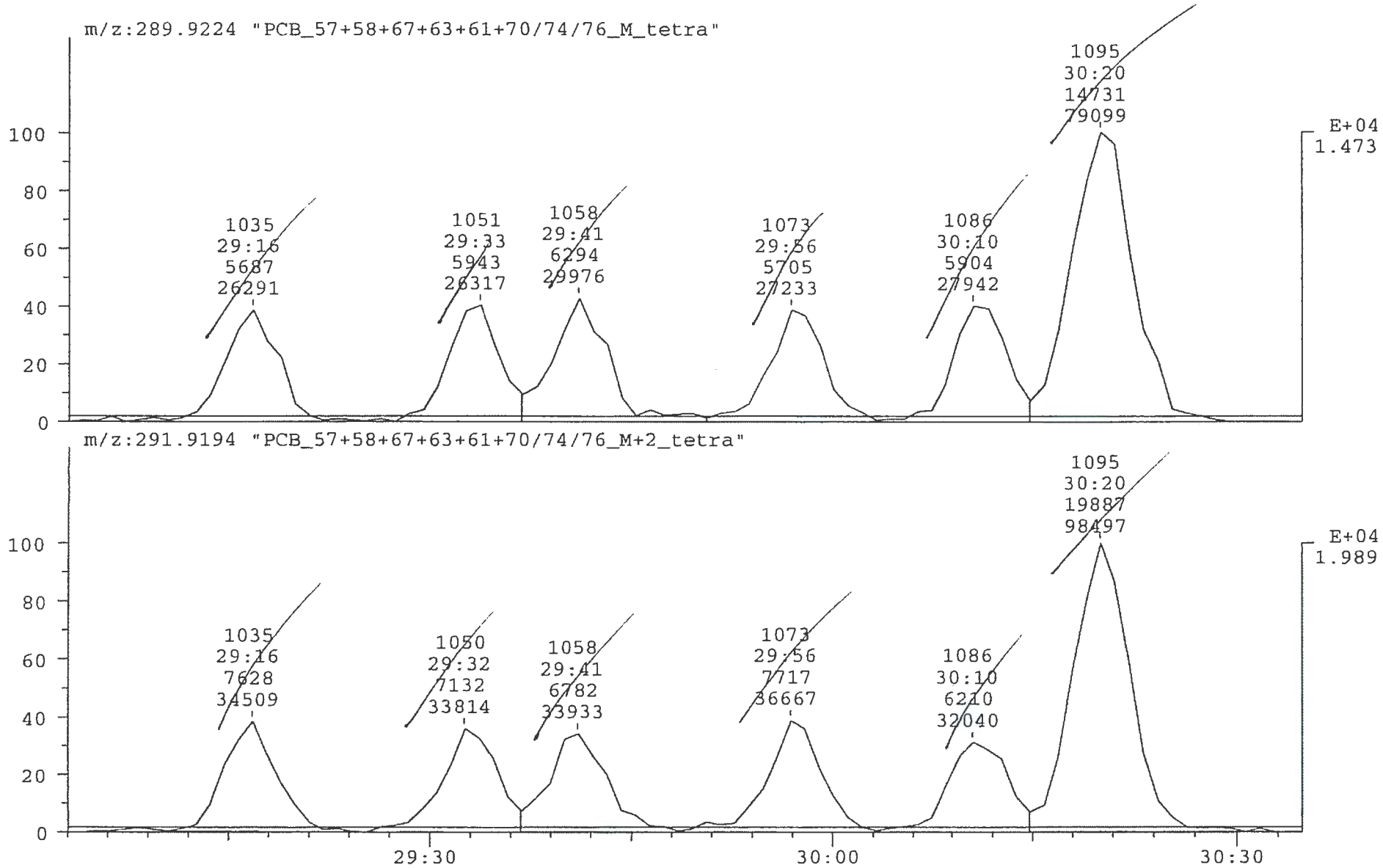
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   918 > 971             Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



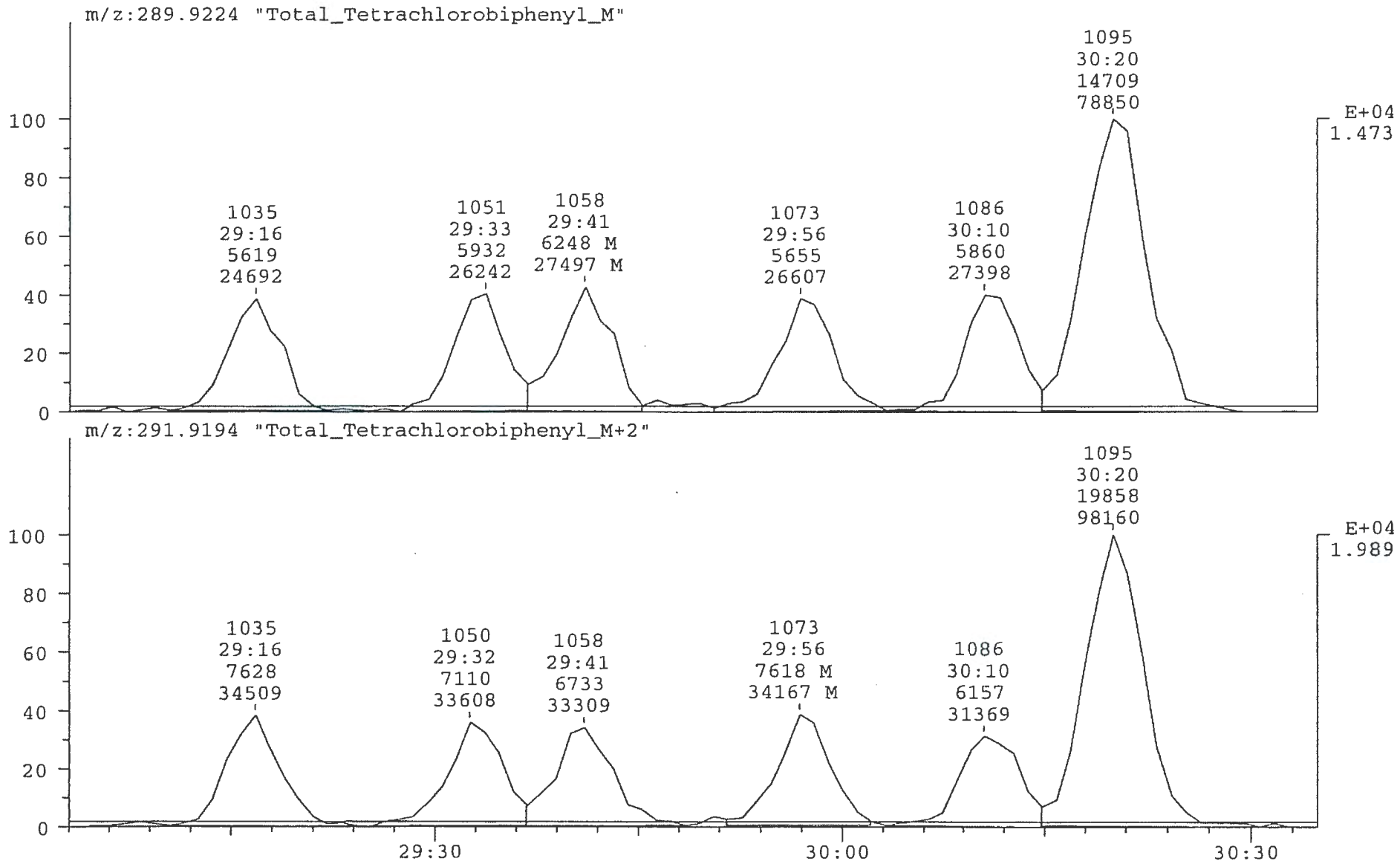
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  28:47      1007
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



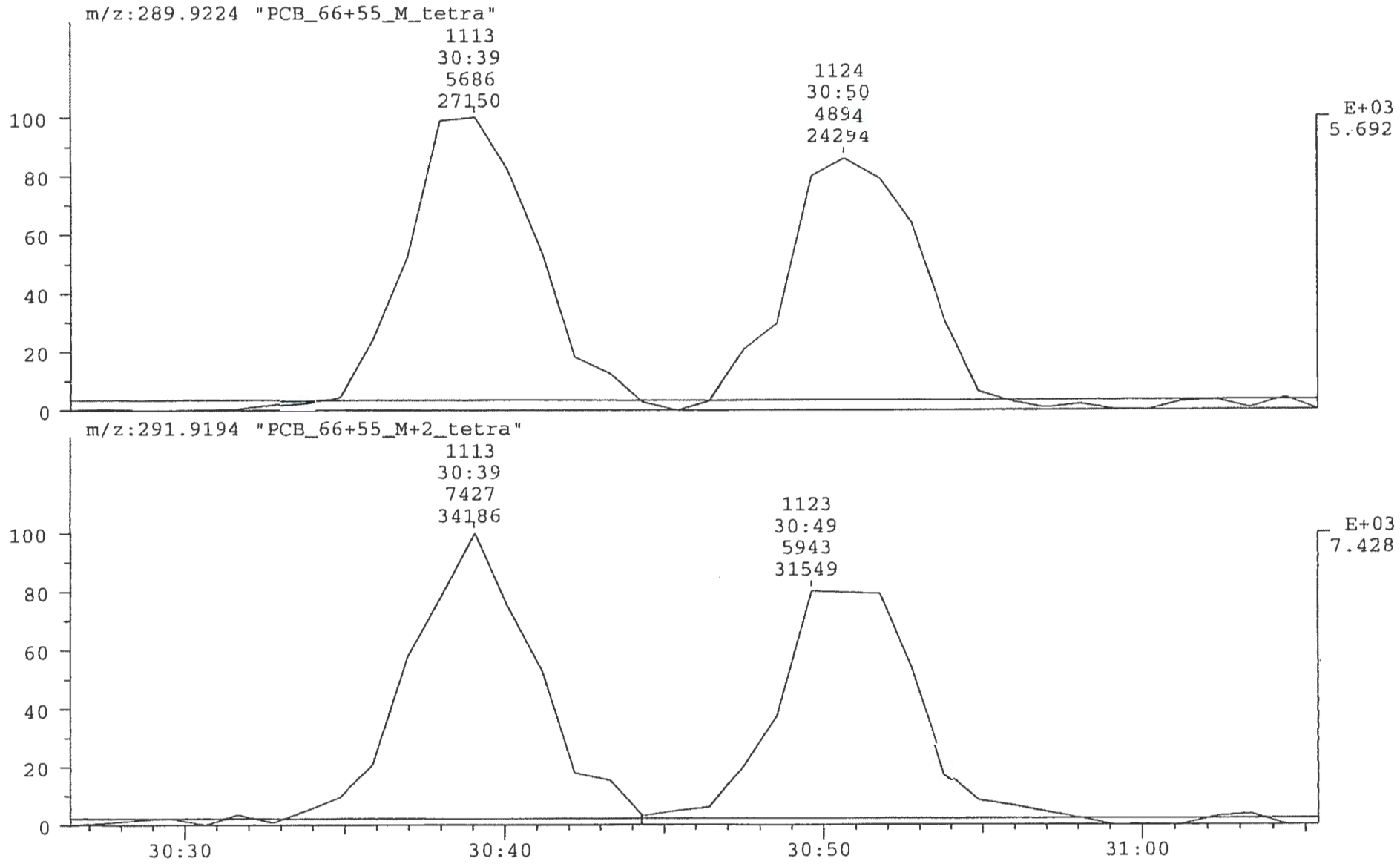
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  29:52      1069
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



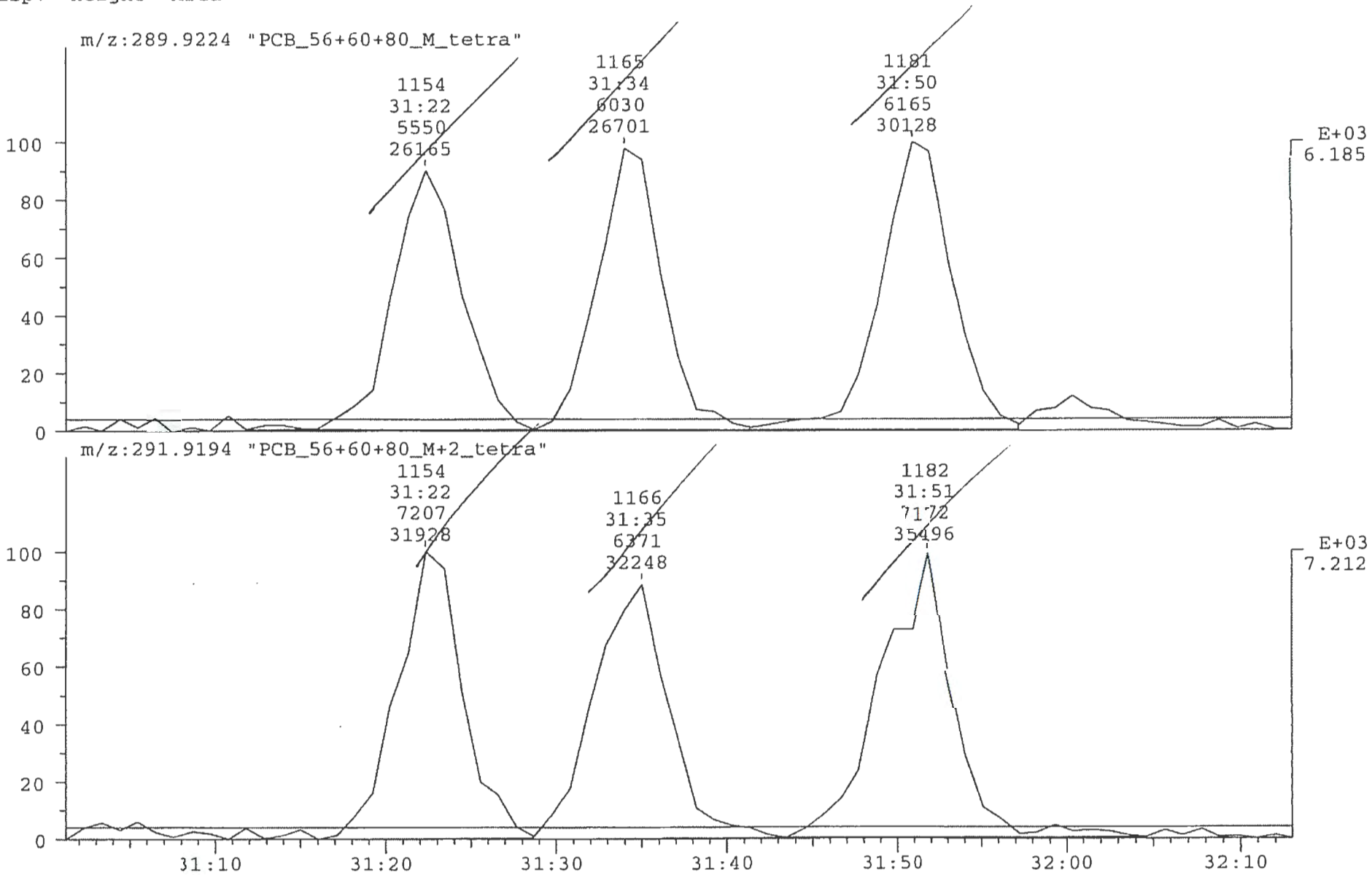
```
CHRO:  a070313i1                              13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1022 > 1109         Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



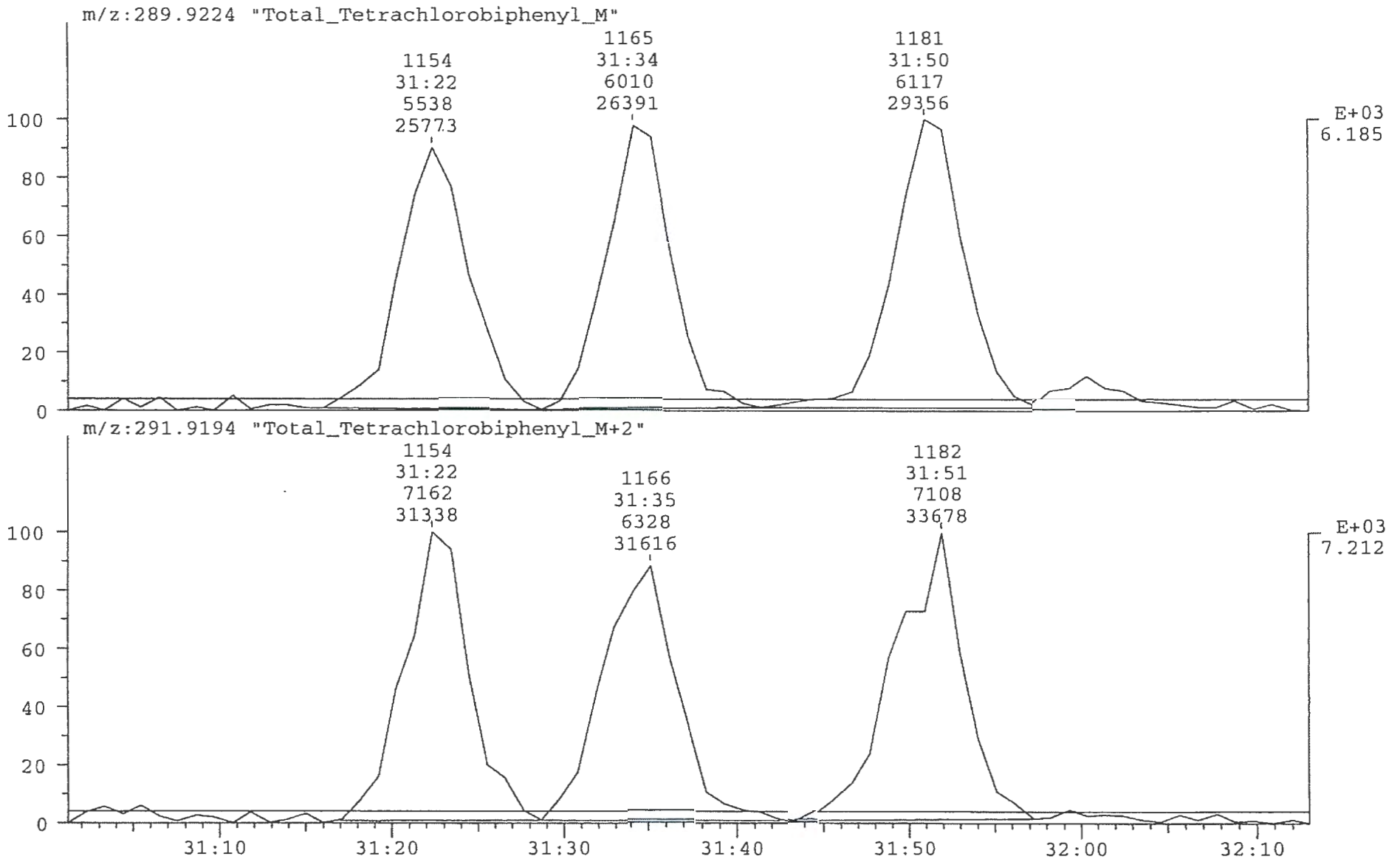
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  30:49      1123
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
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
```



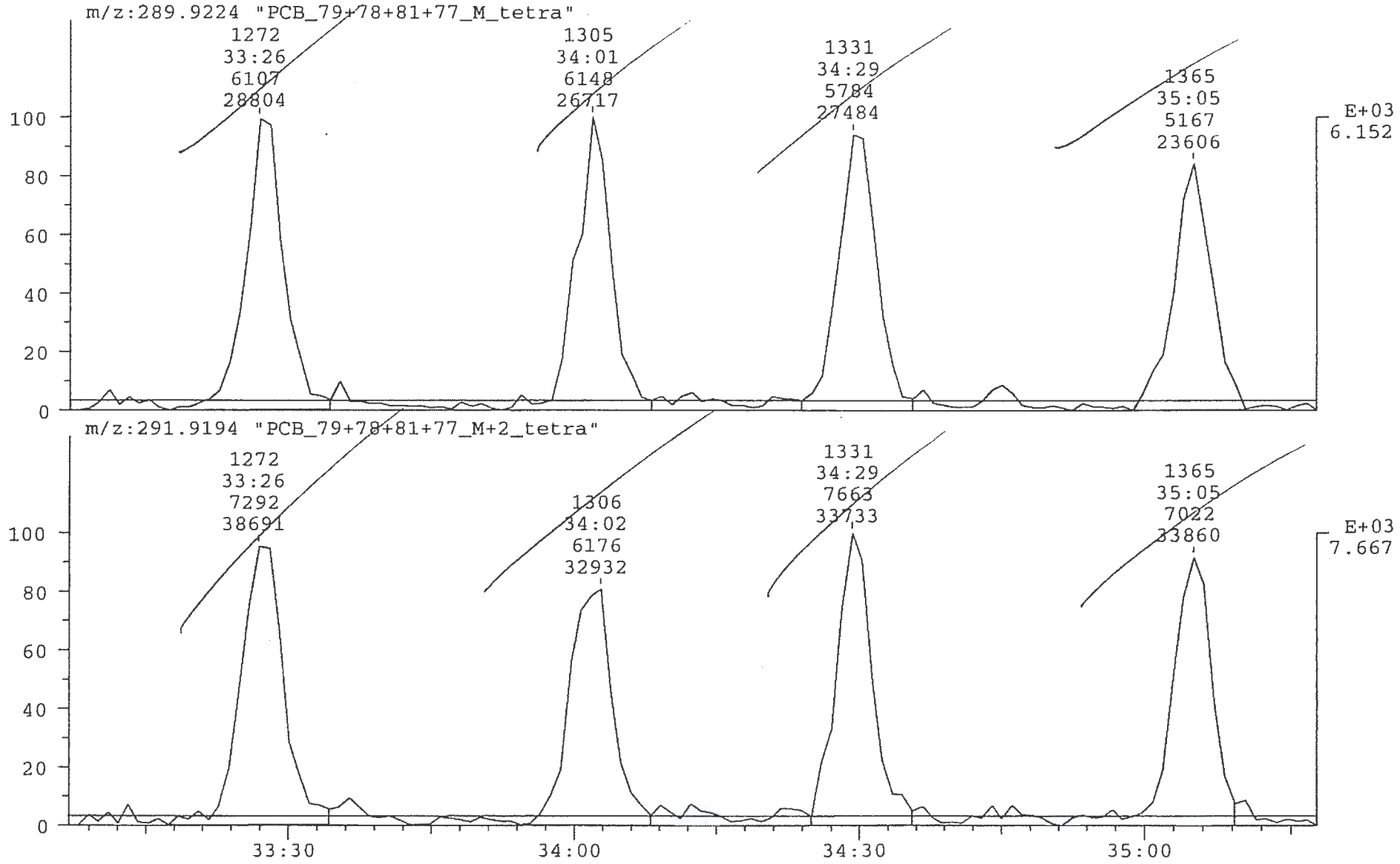
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  31:41      1172
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



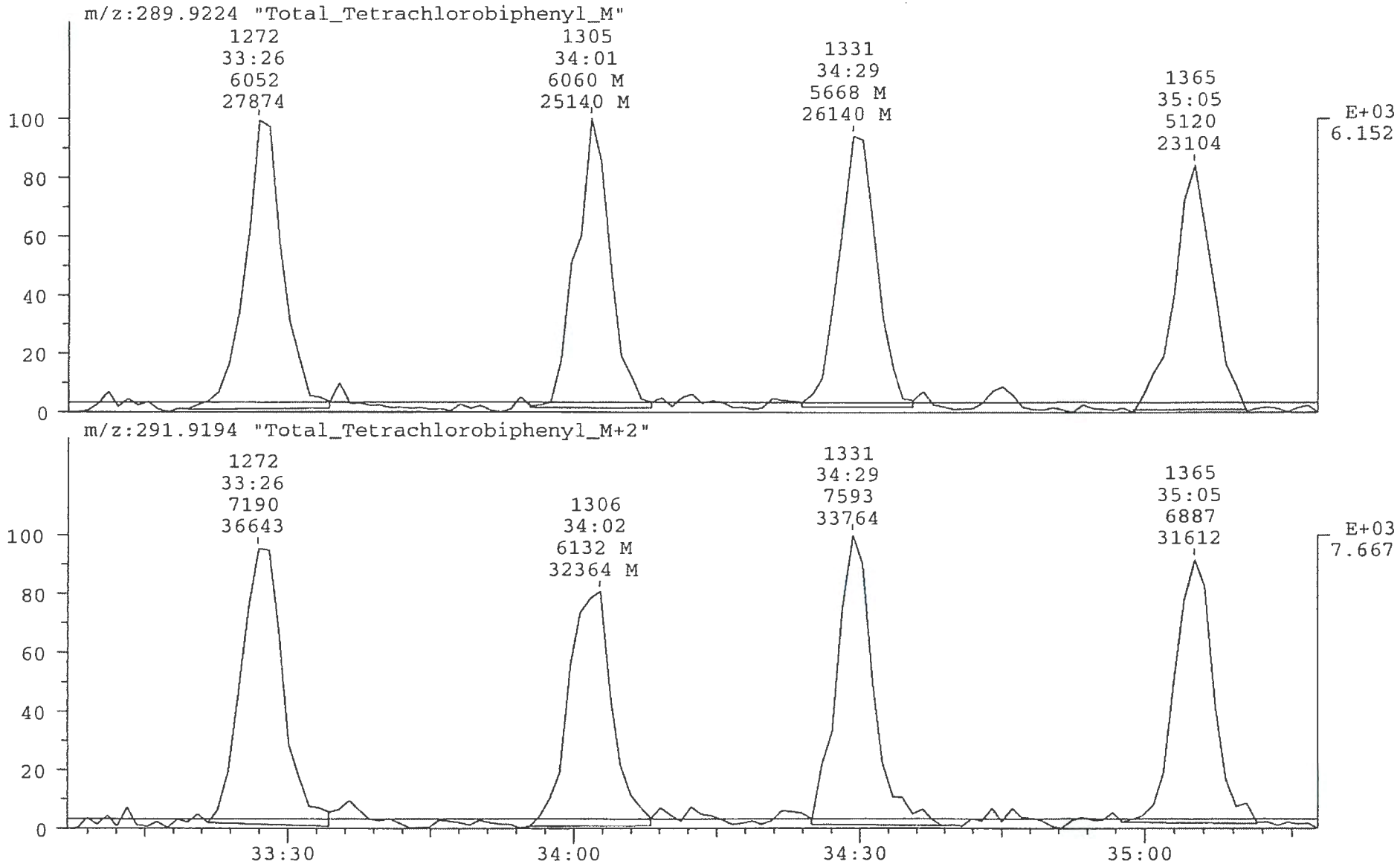
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1134 > 1202           Masses:  181 > 510
Area:  5, 1.20, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



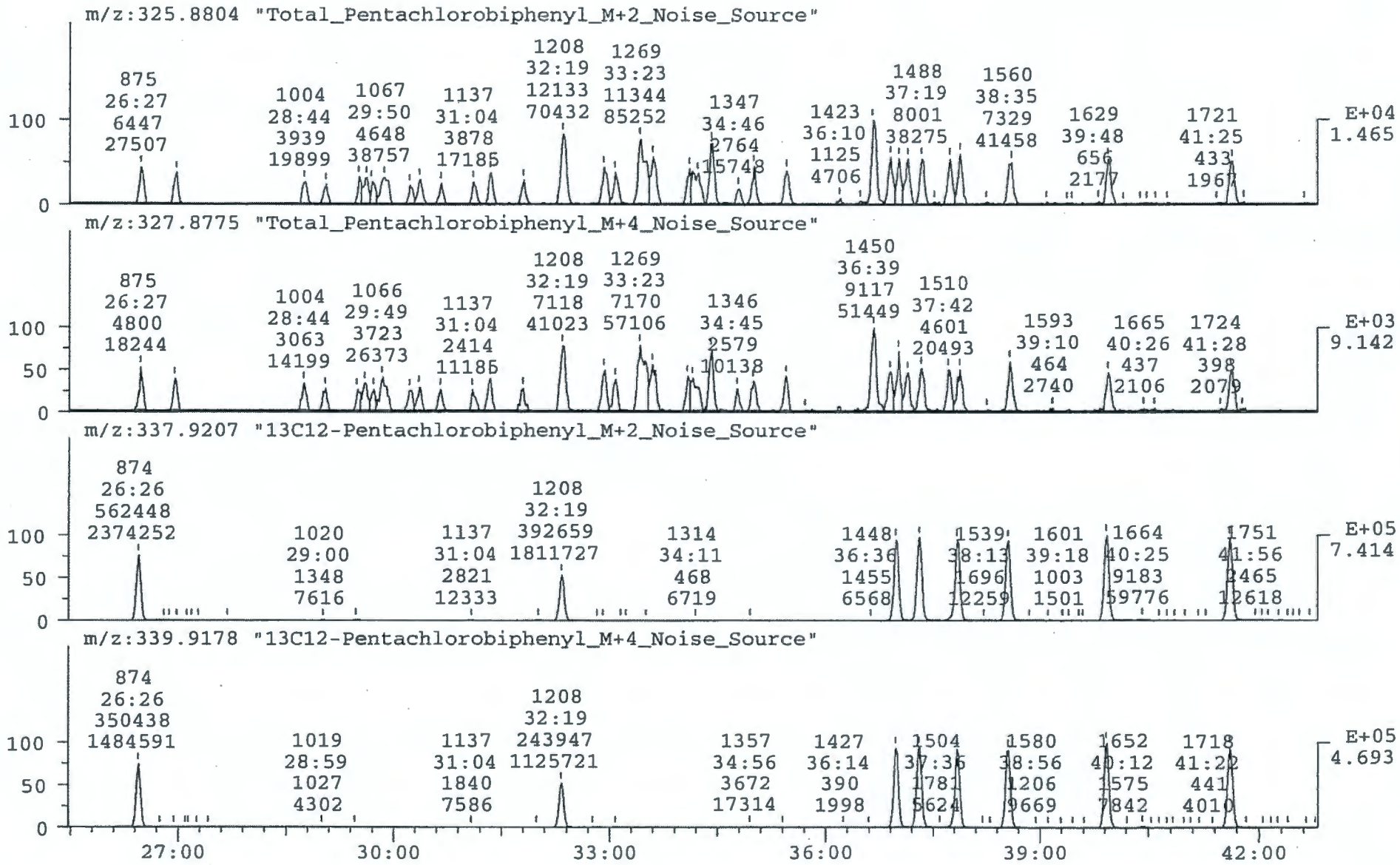
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  34:14      1317
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
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
```



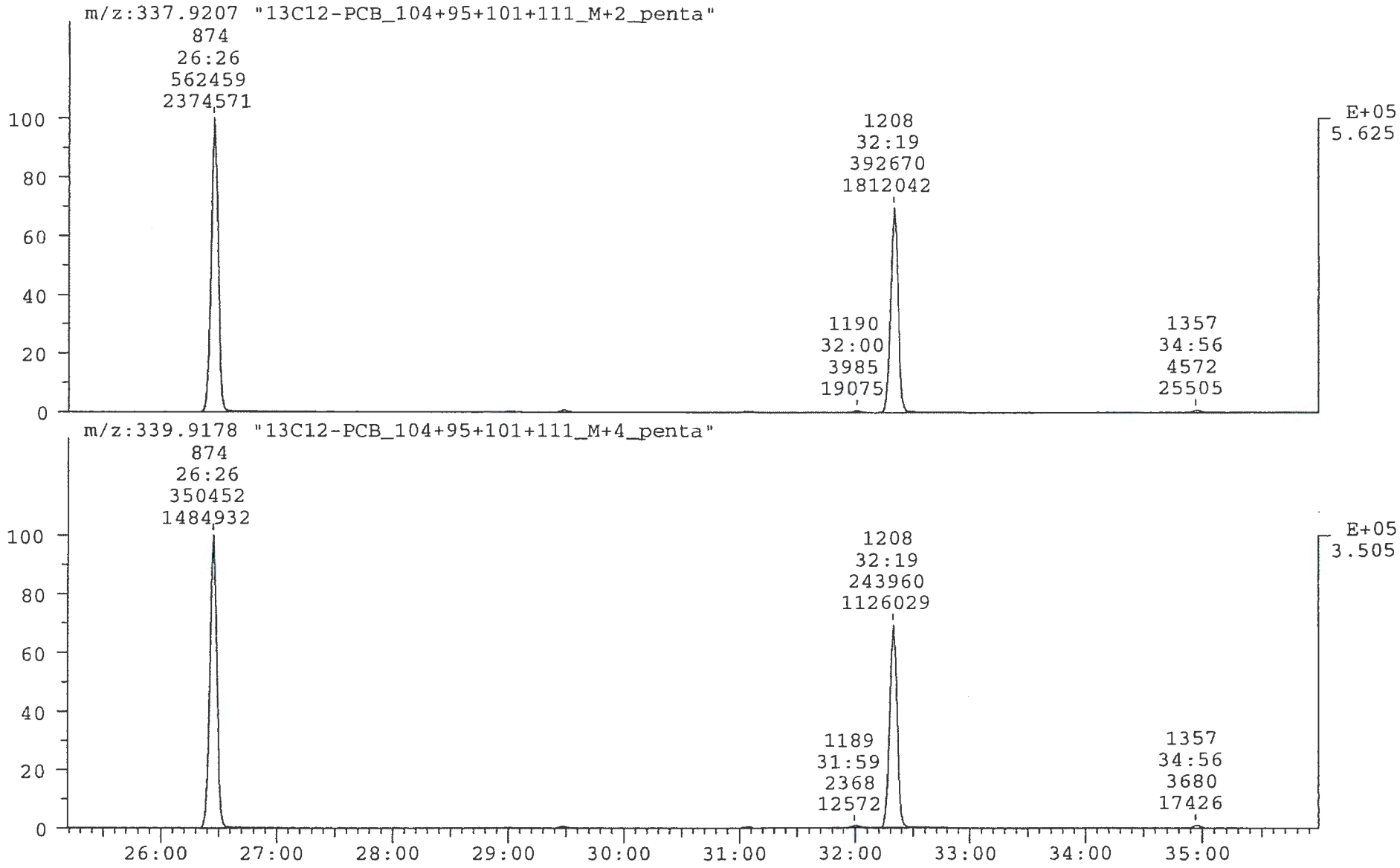
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1253 > 1377          Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



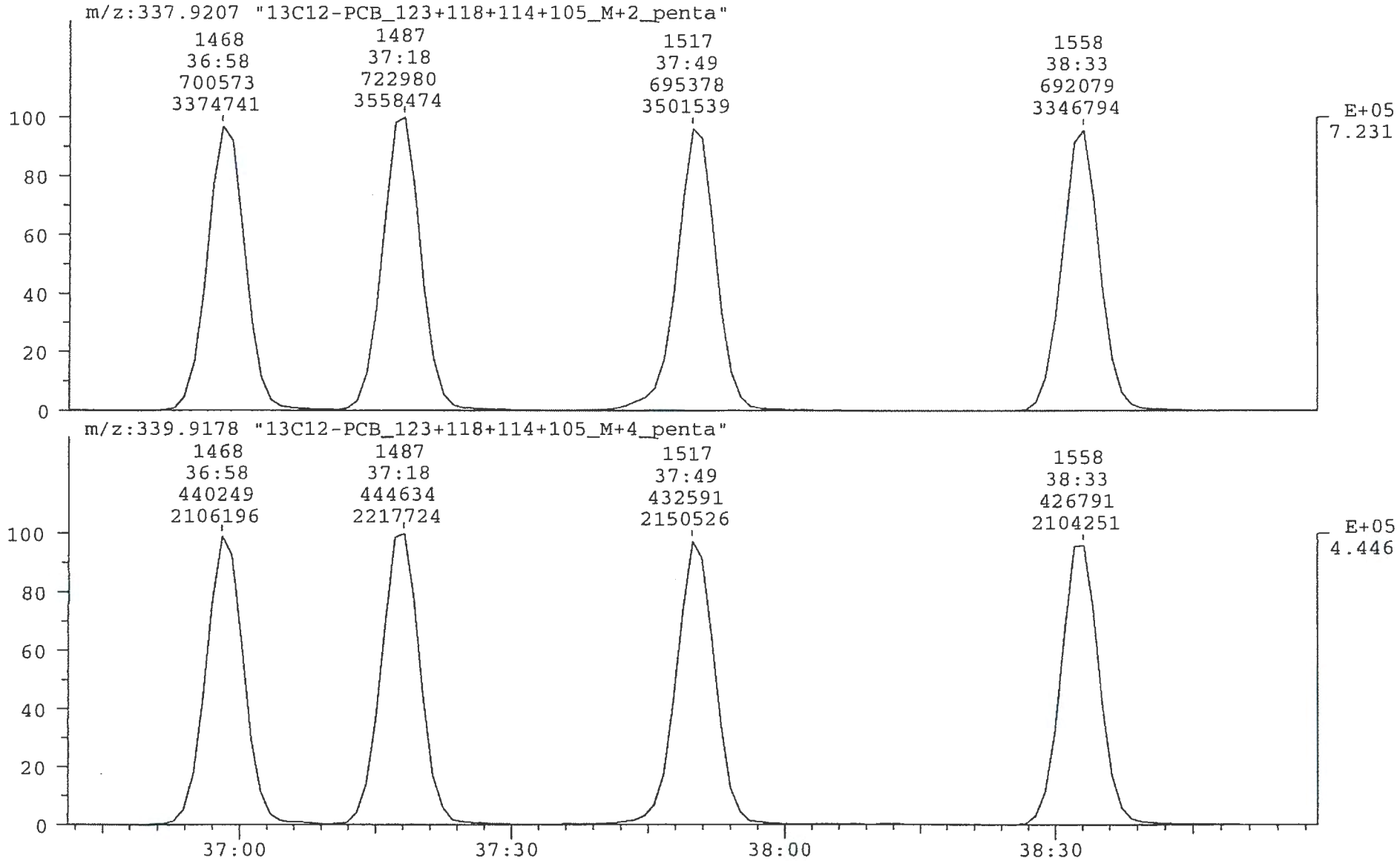
CHRO: a070313i1 13-Mar-07 Elapse: 34:08 1311
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 818 > 1799 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



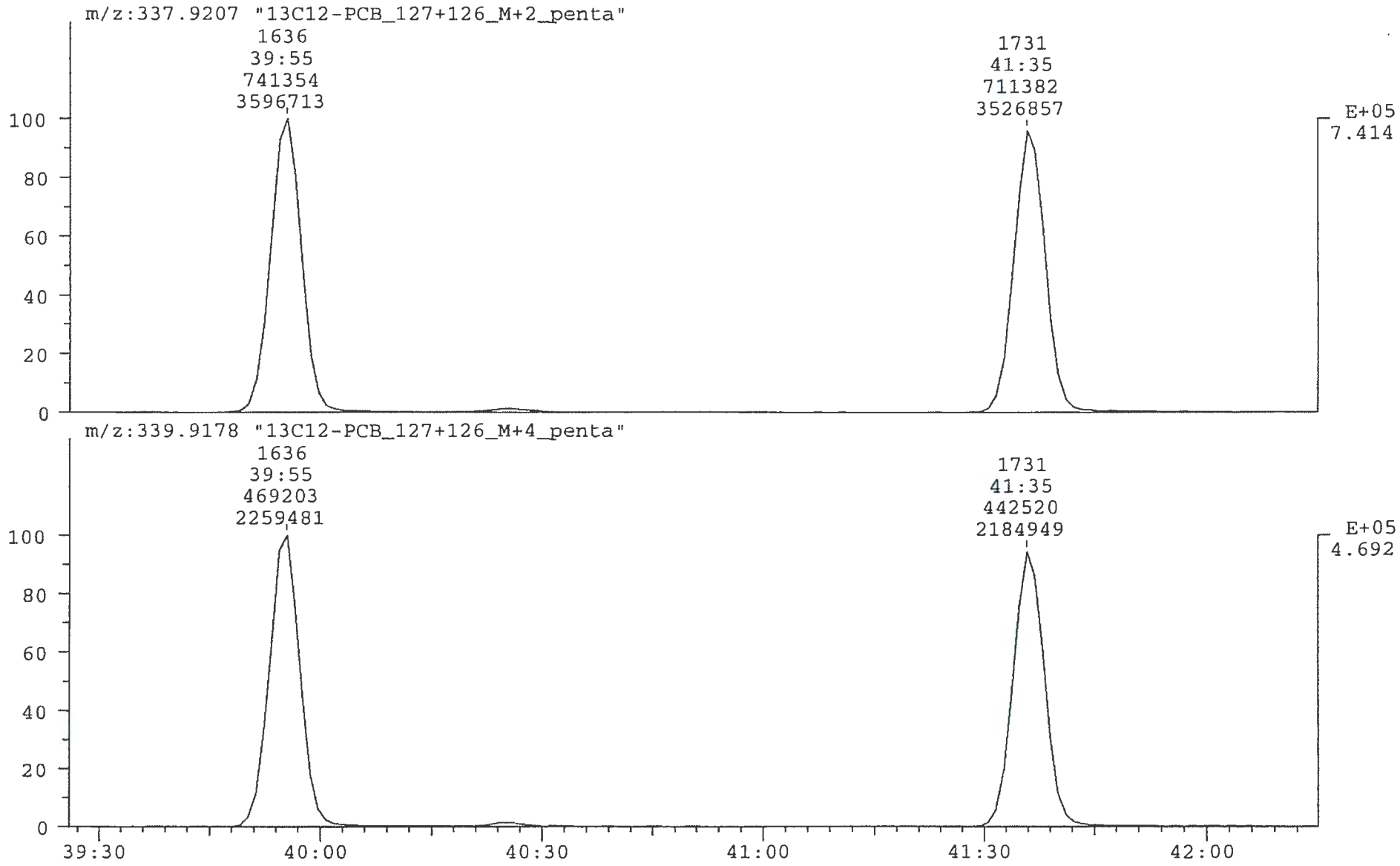
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  30:34      1109
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



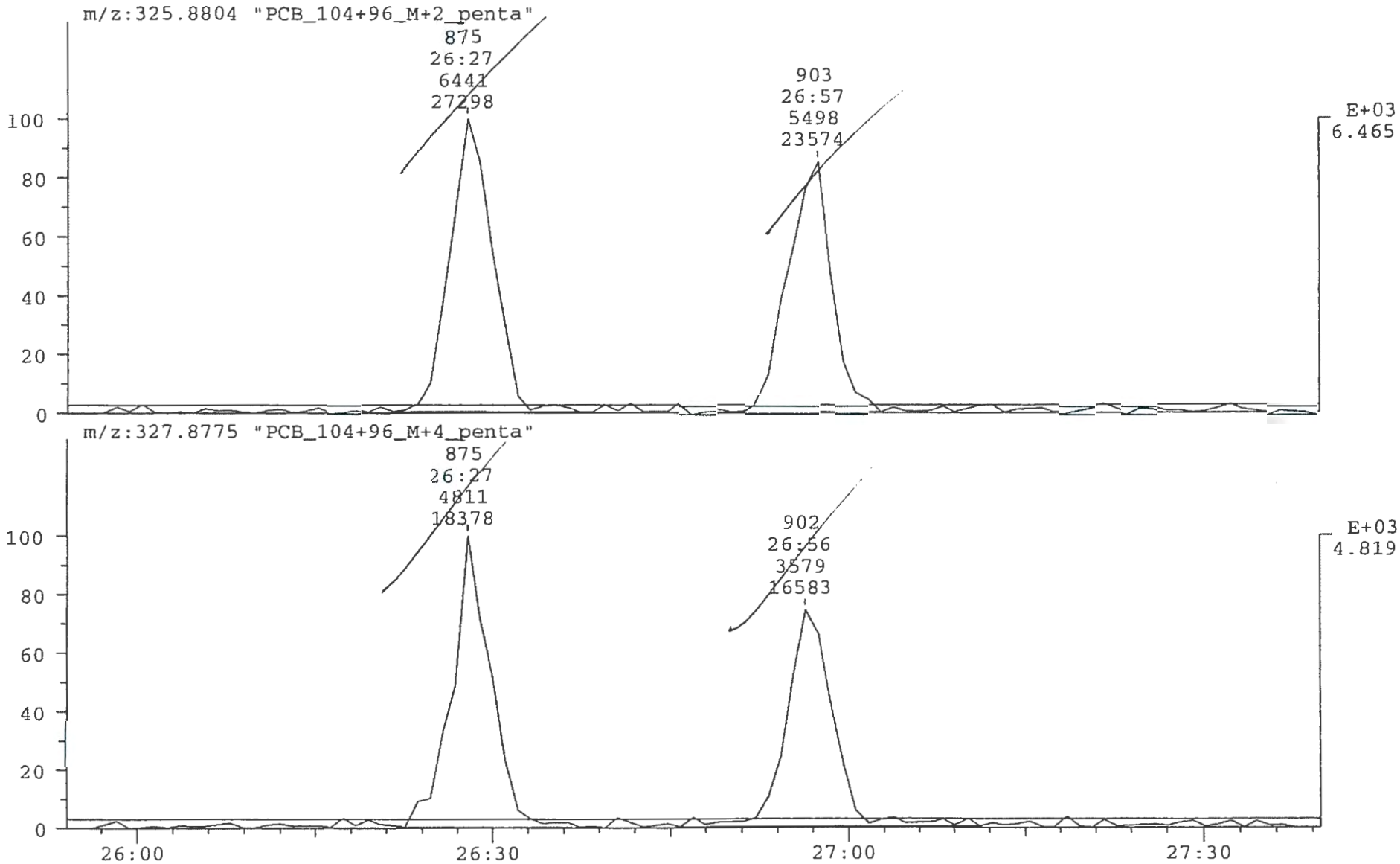
CHRO: a070313i1 13-Mar-07 Elapse: 37:49 1517
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1452 > 1582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



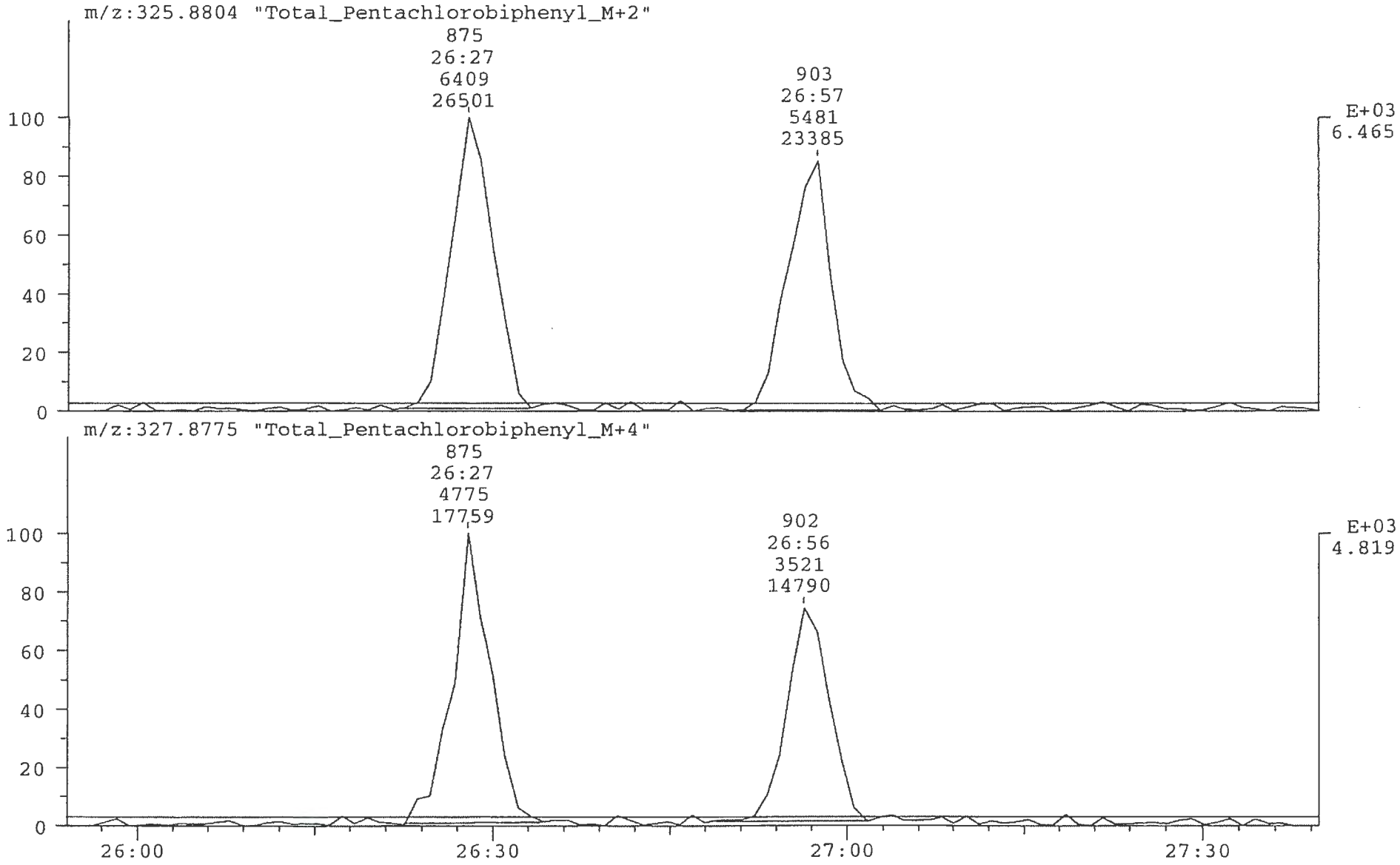
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  40:50      1688
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
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
```



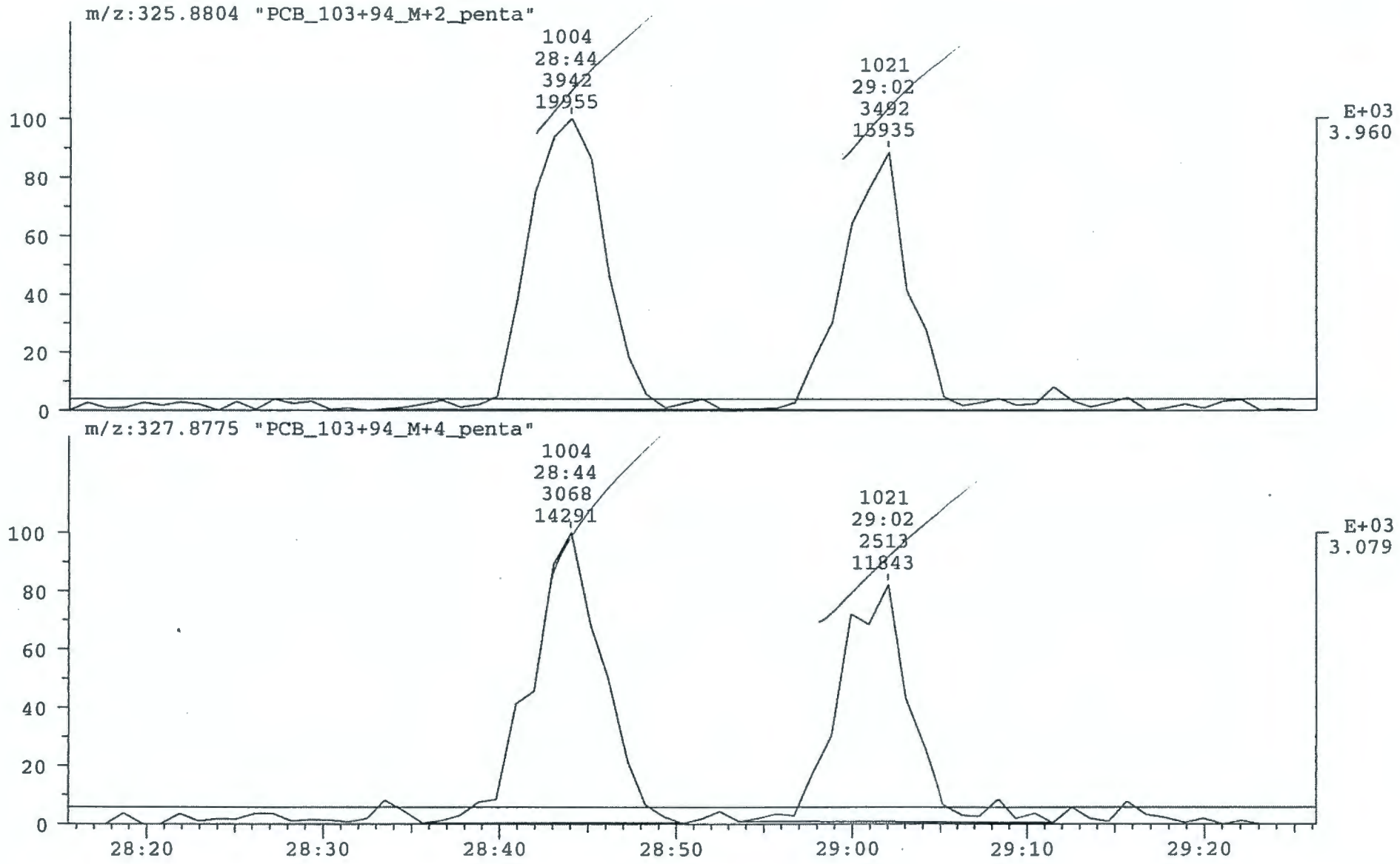
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  26:46.8      893
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



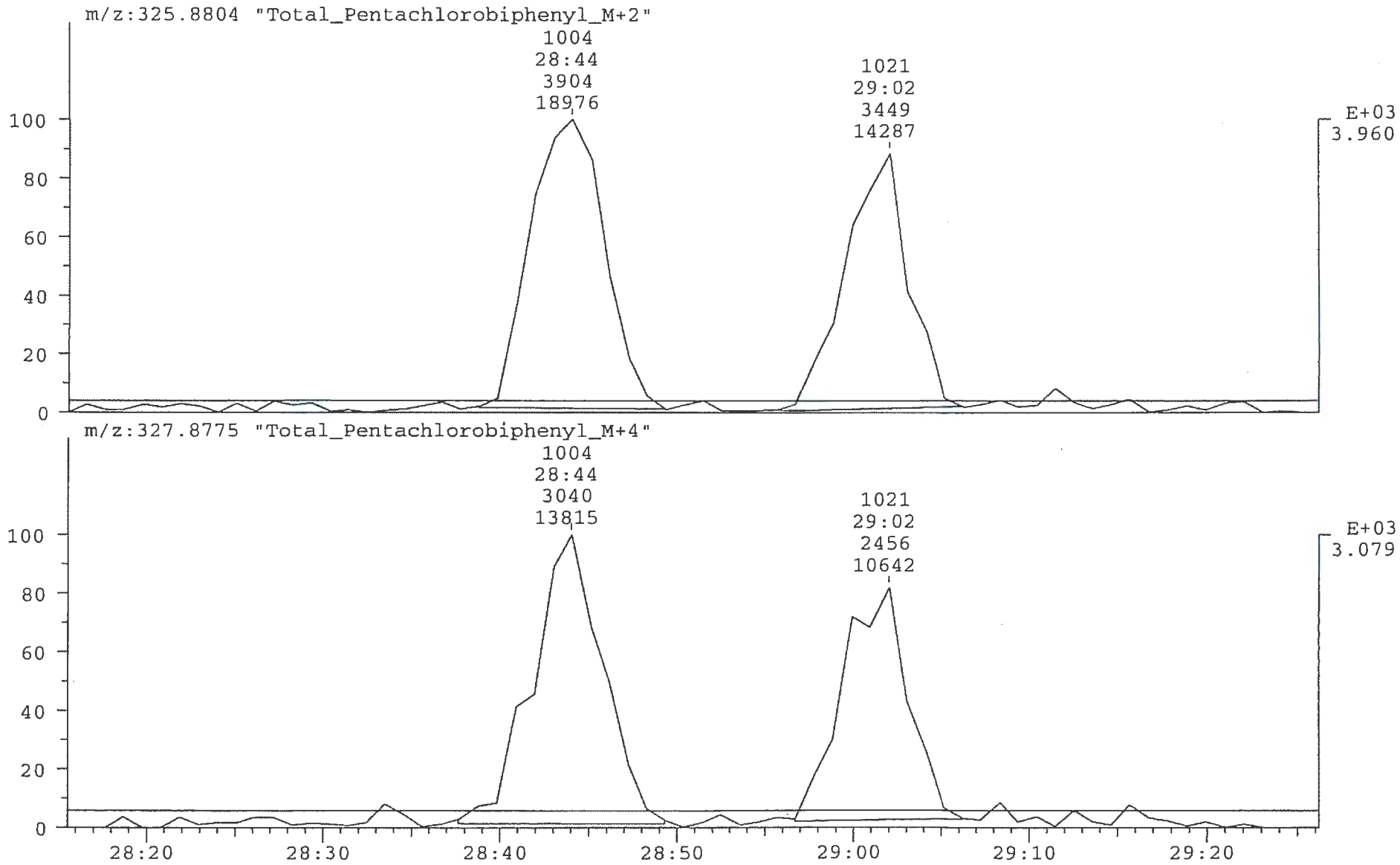
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   843 > 943             Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



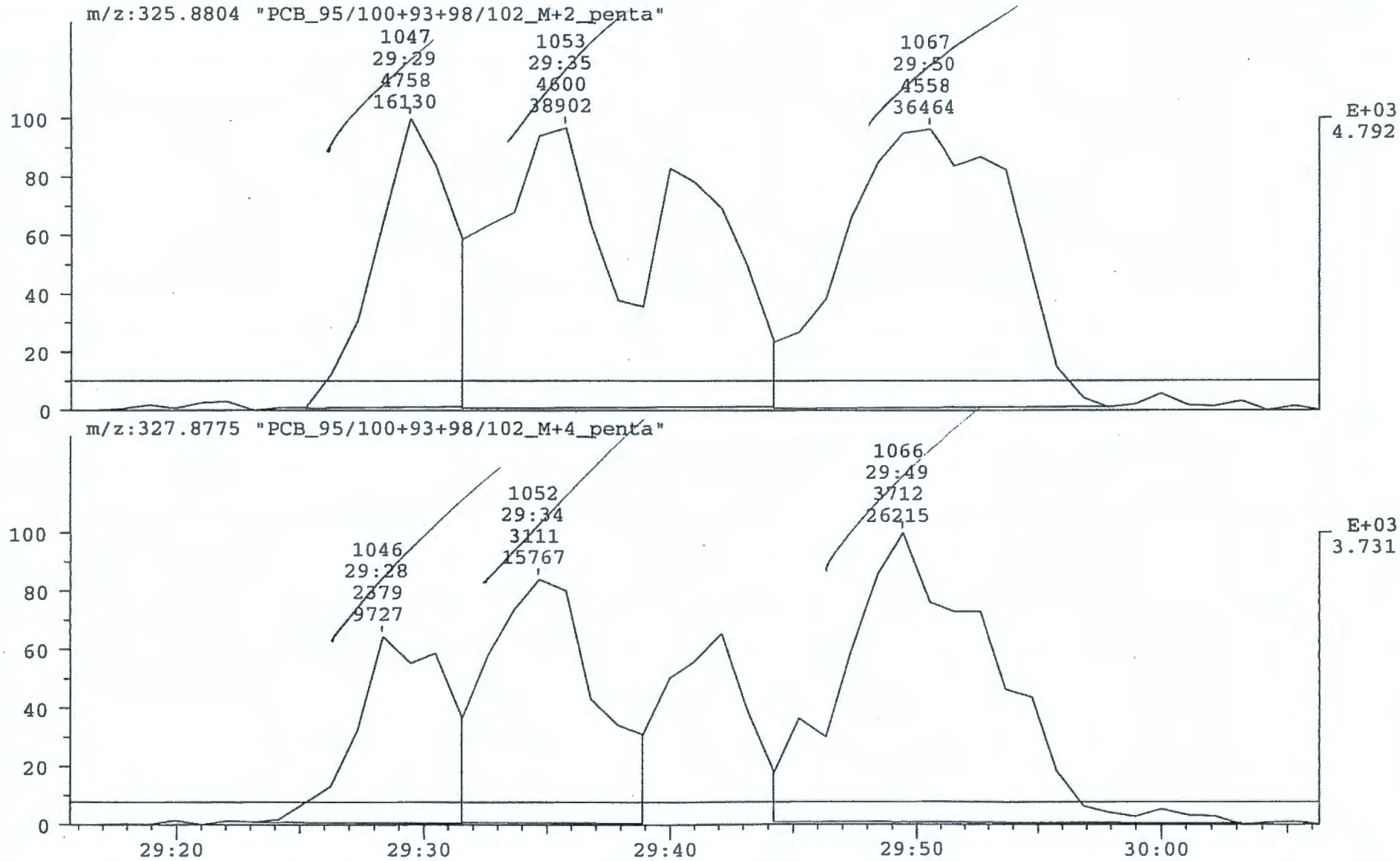
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  28:57      1017
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   4
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
```



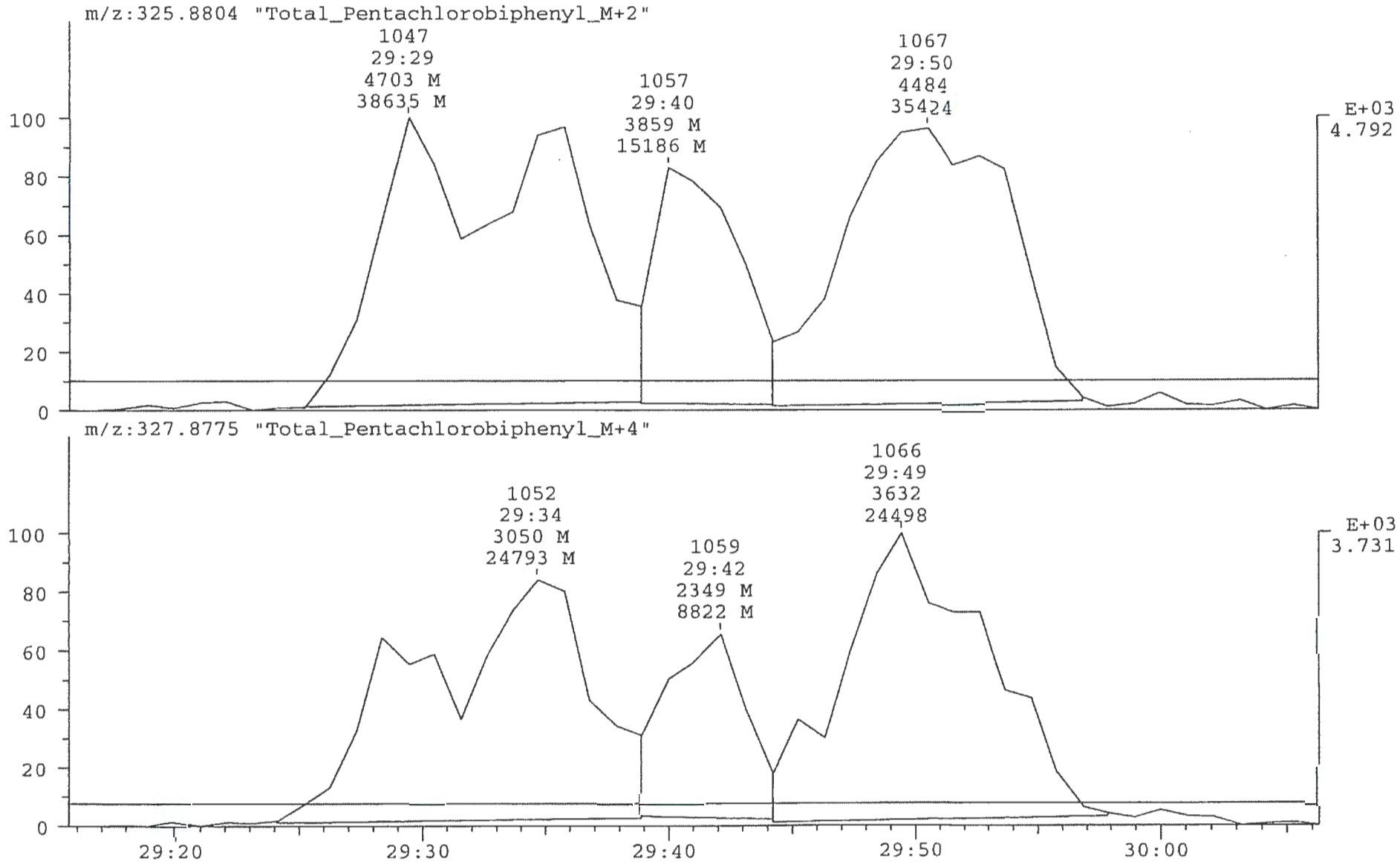
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   977 > 1044            Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



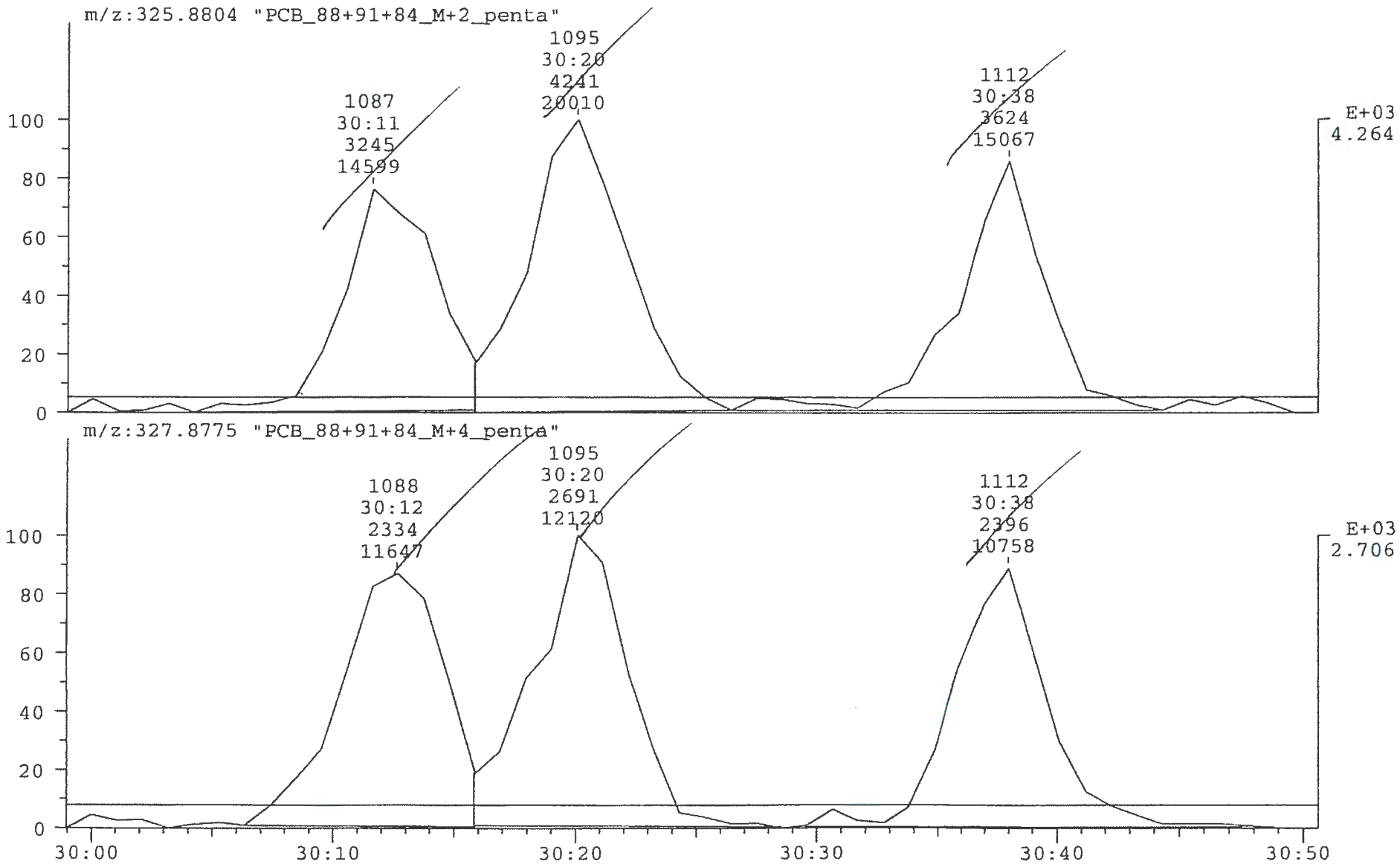
CHRO: a070313i1 13-Mar-07 Elapse: 29:44 1061
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1034 > 1082 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 4 Label : -3, 3.0
Disp: Height Area



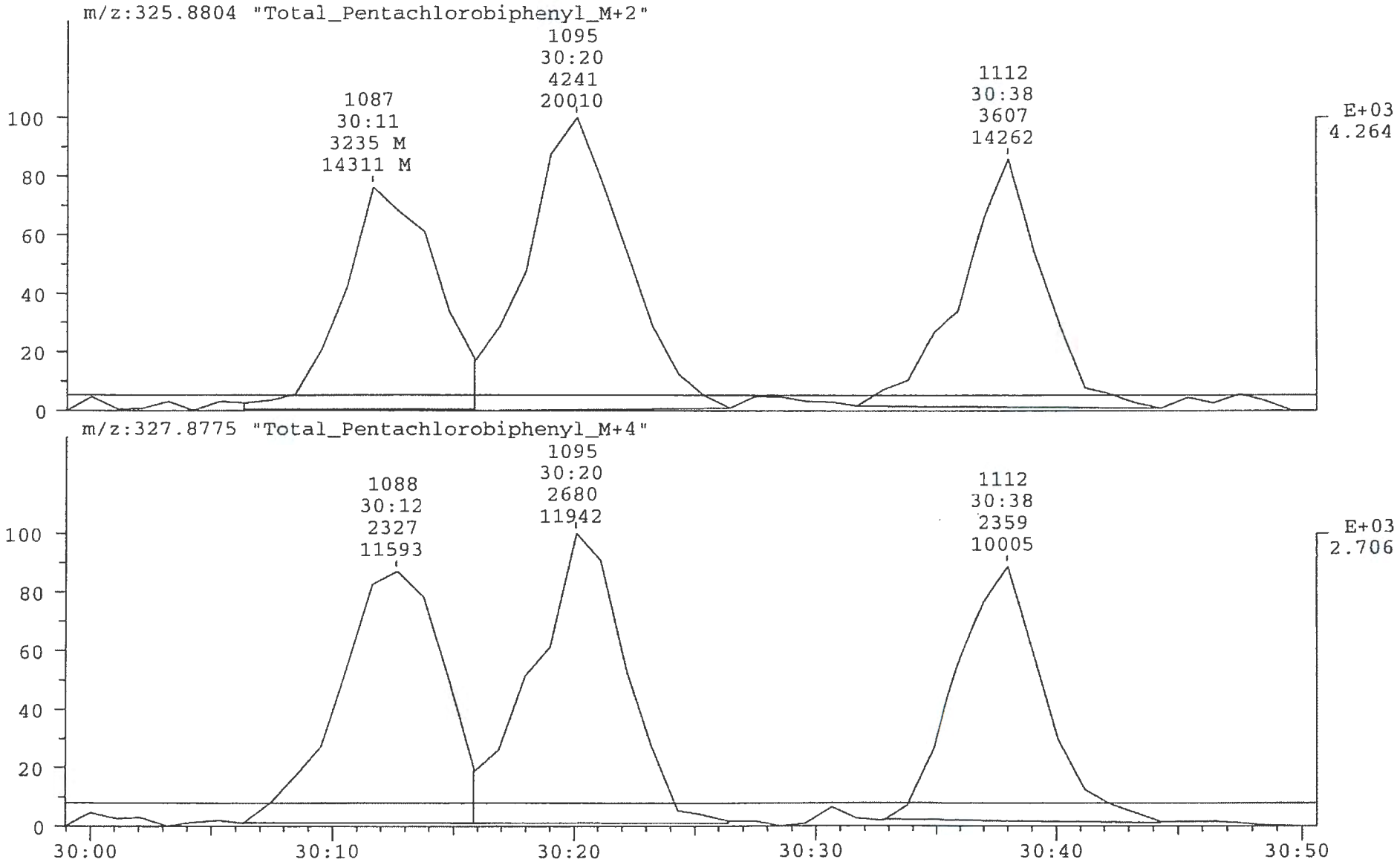
CHRO: a070313i1 13-Mar-07 Elapse: 56:12 2555
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1034 > 1082 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 6 Label : -3, 3.0
Disp: Height Area



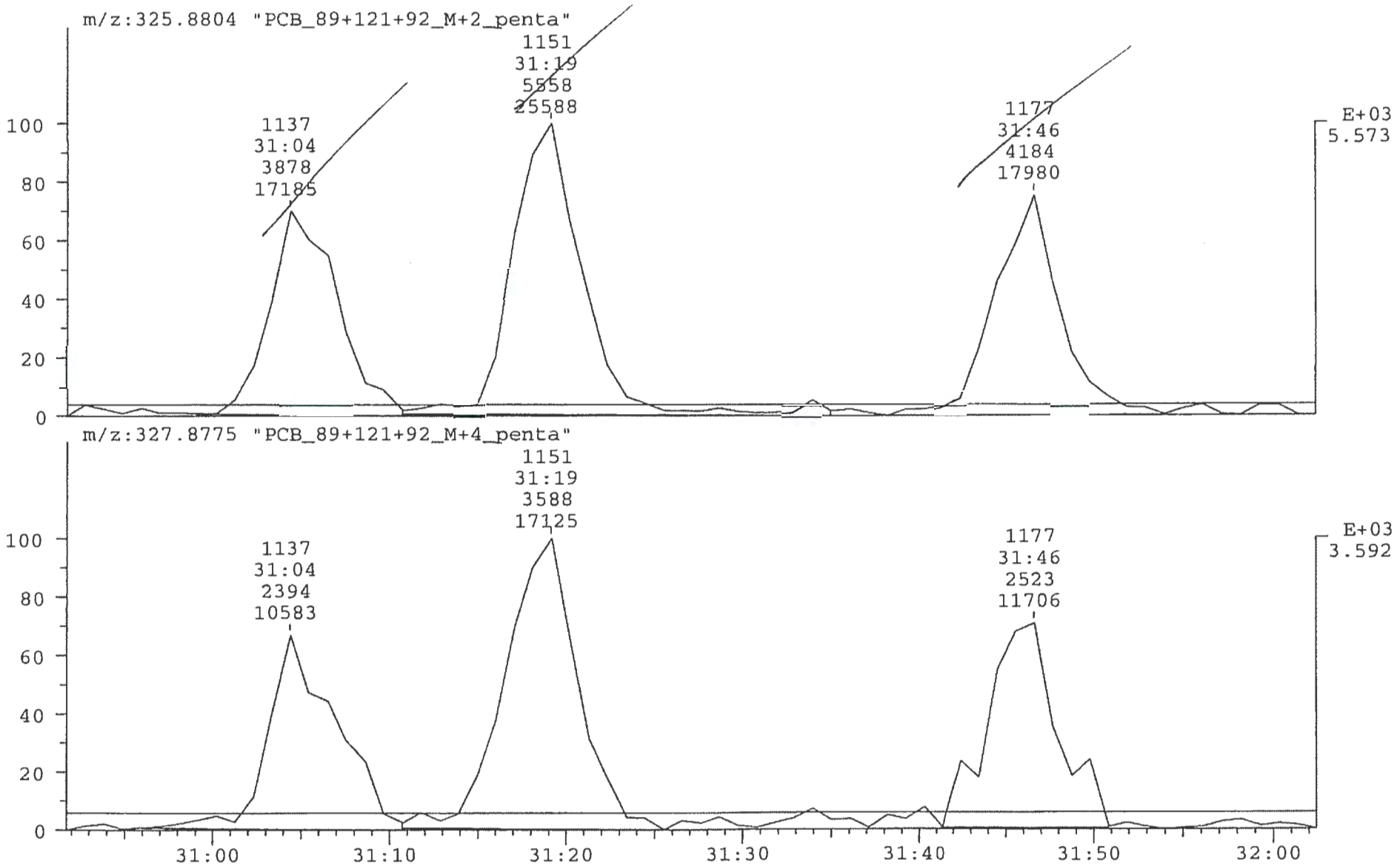
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  30:29      1104
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



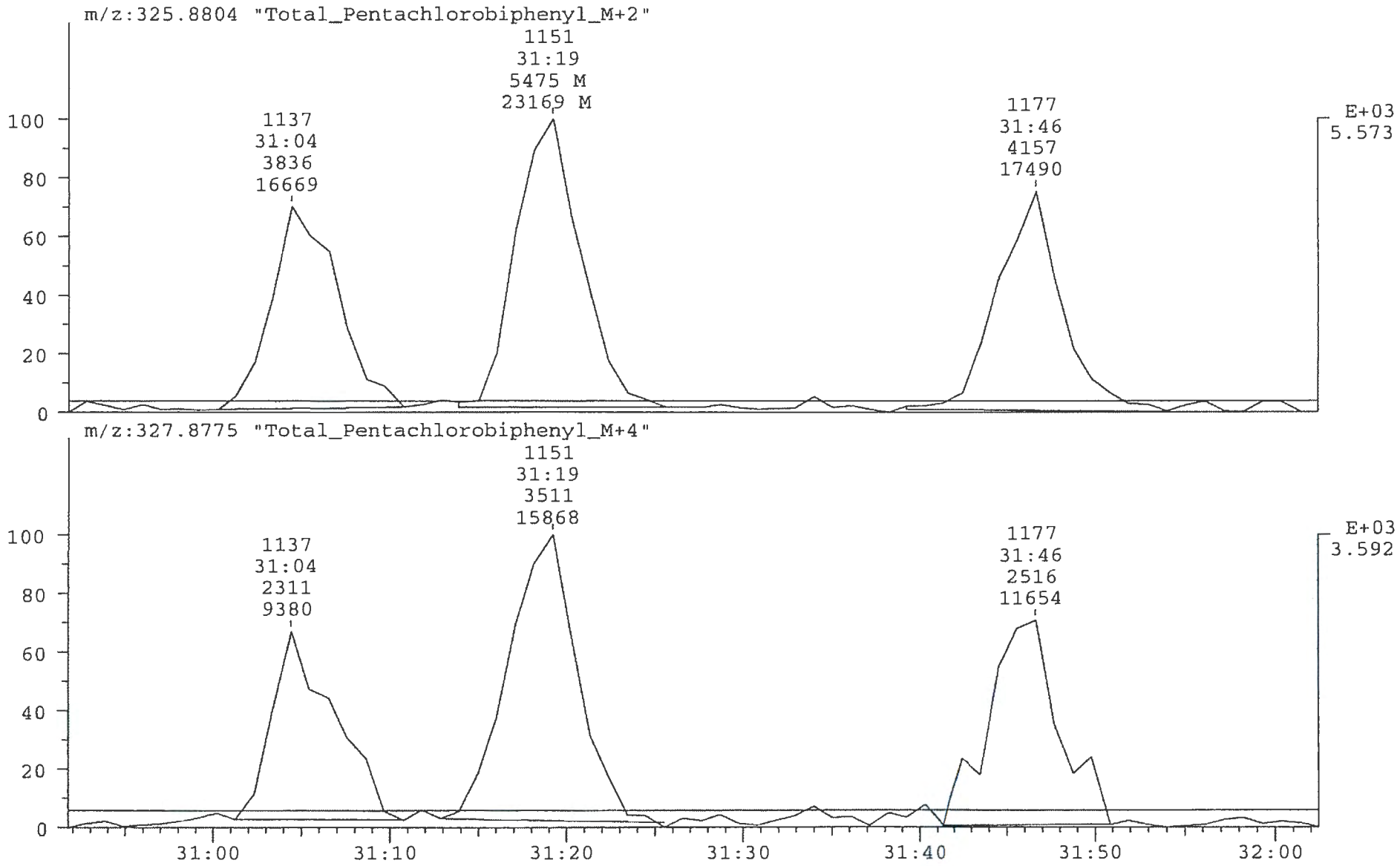
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  4
Peak:  100.00  ppm      Label wndw:   1075 > 1124           Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



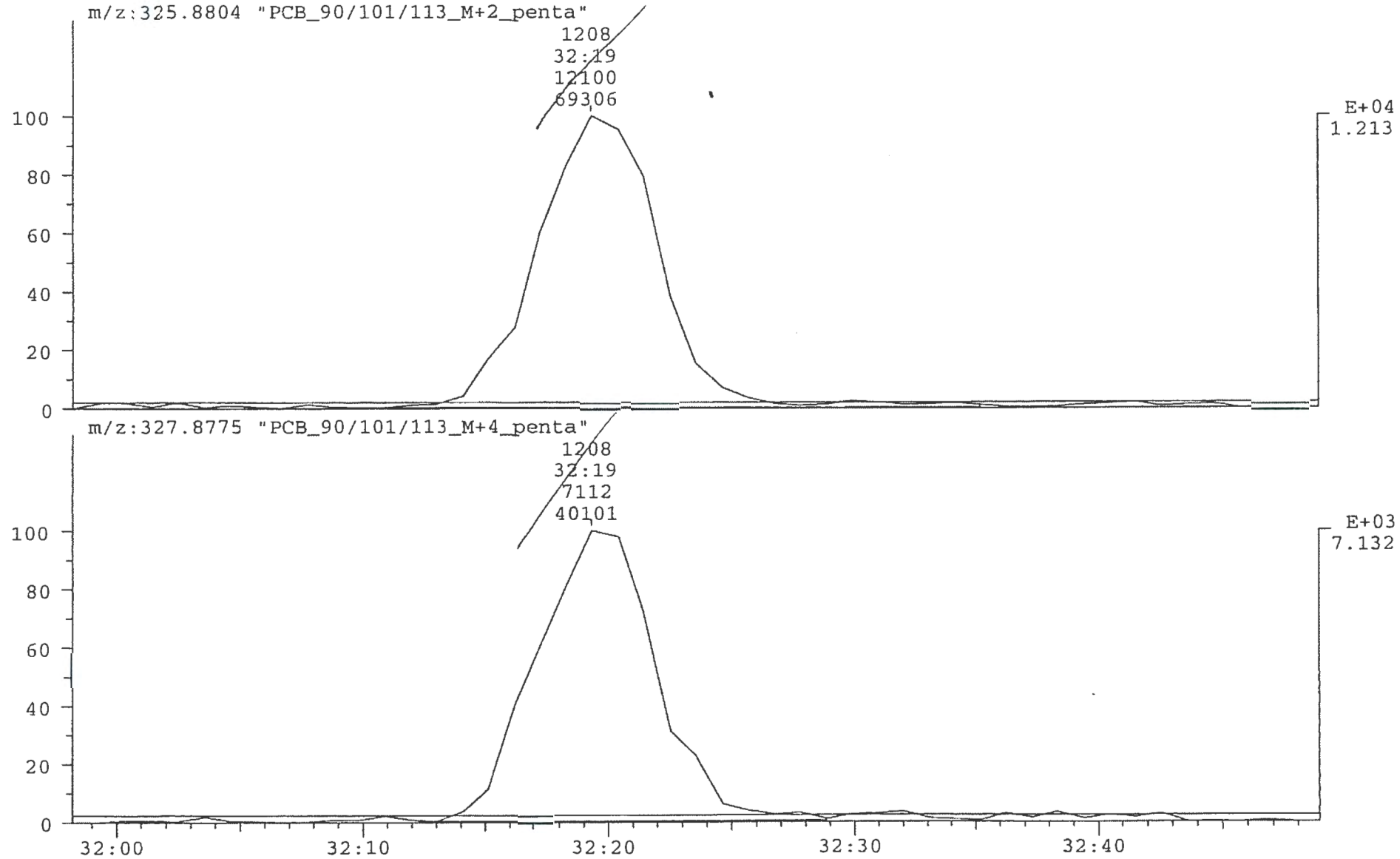
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  31:30      1162
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



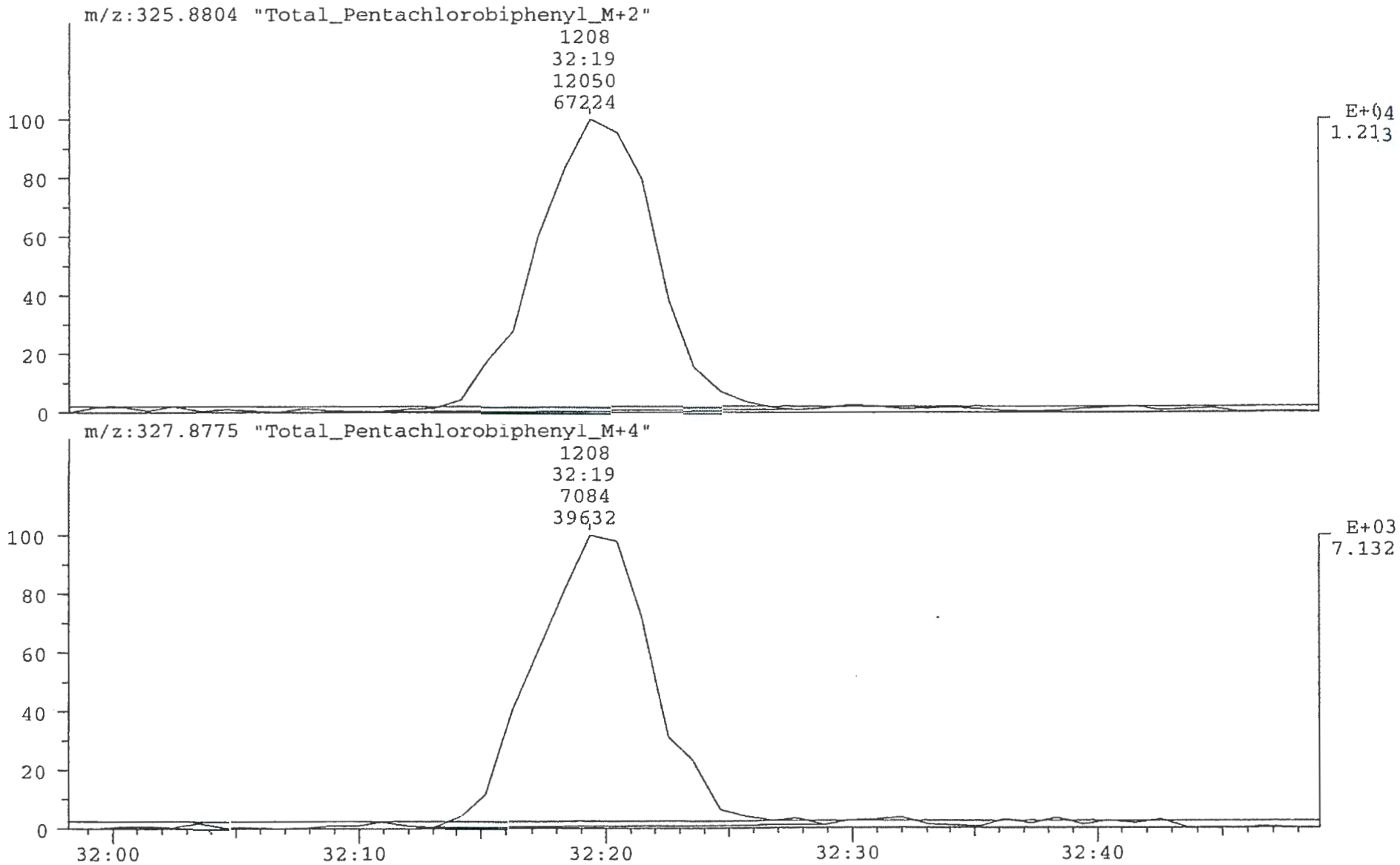
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1125 > 1192           Masses:  181 > 510
Area:  5, 1.70, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



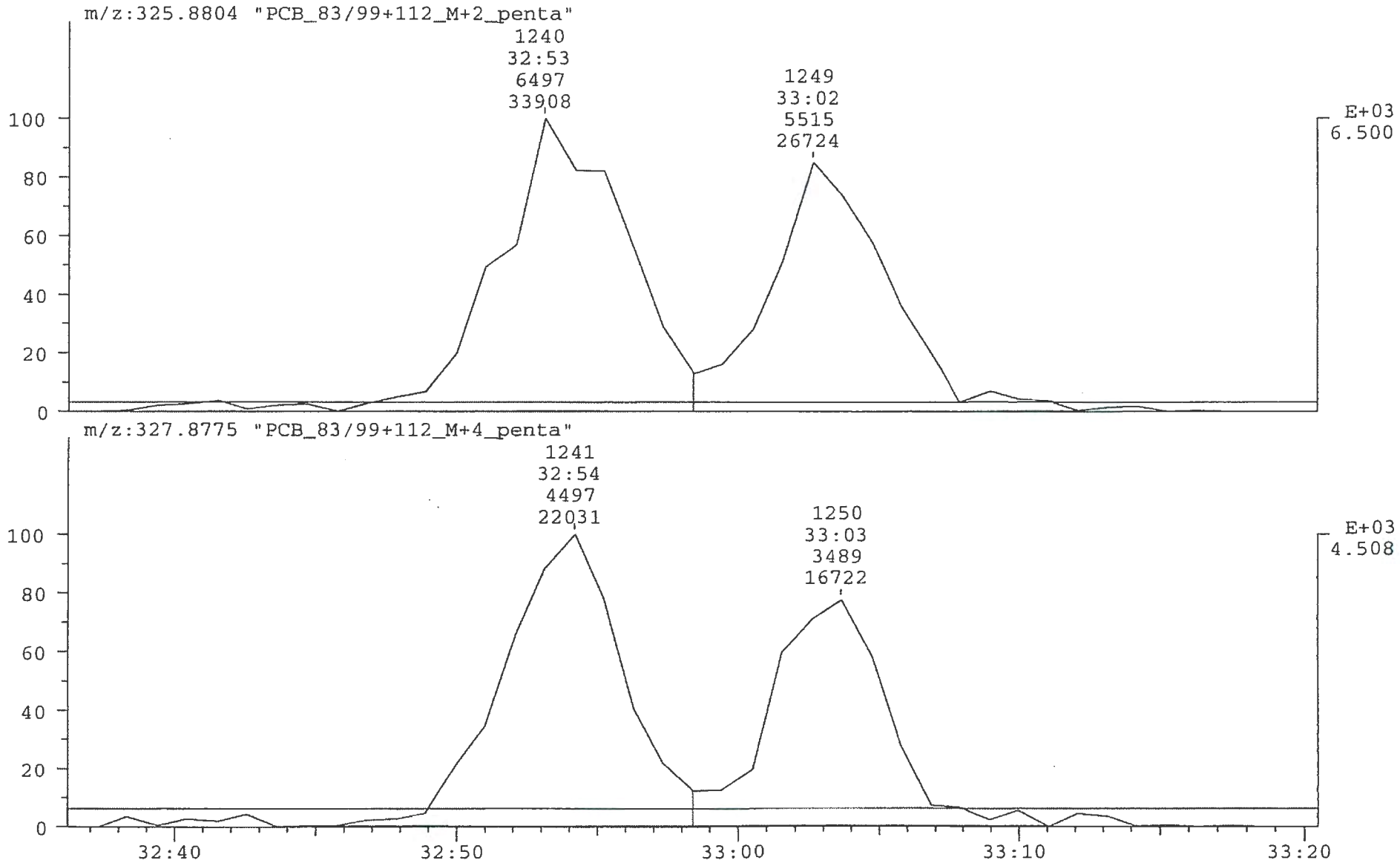
CHRO: a070313i1 13-Mar-07 Elapse: 32:22 1211
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1188 > 1236 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



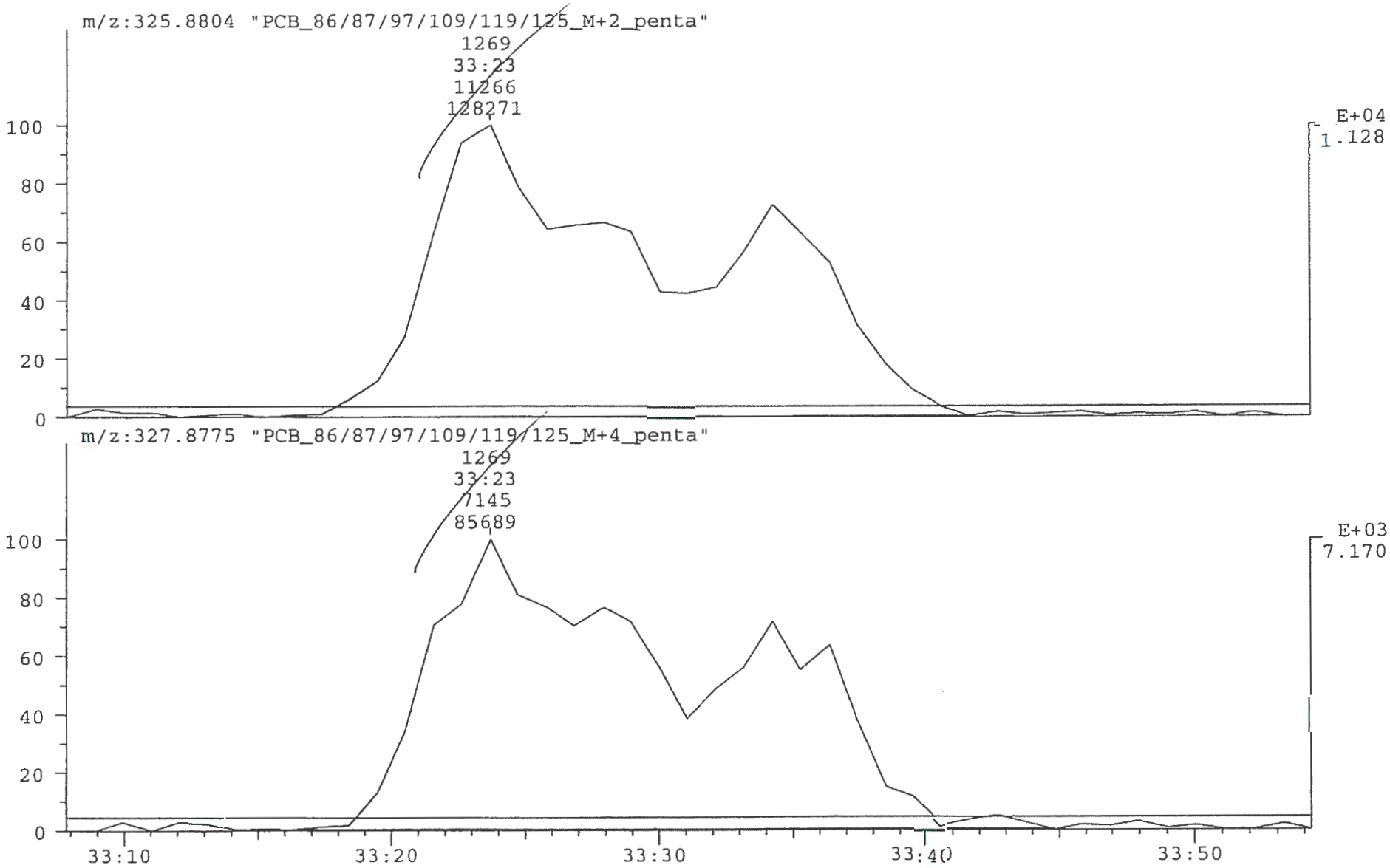
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1188 > 1236           Masses:  181 > 510
Area:  5, 1.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i1                                13-Mar-07   Elapse:  33:02      1249
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```

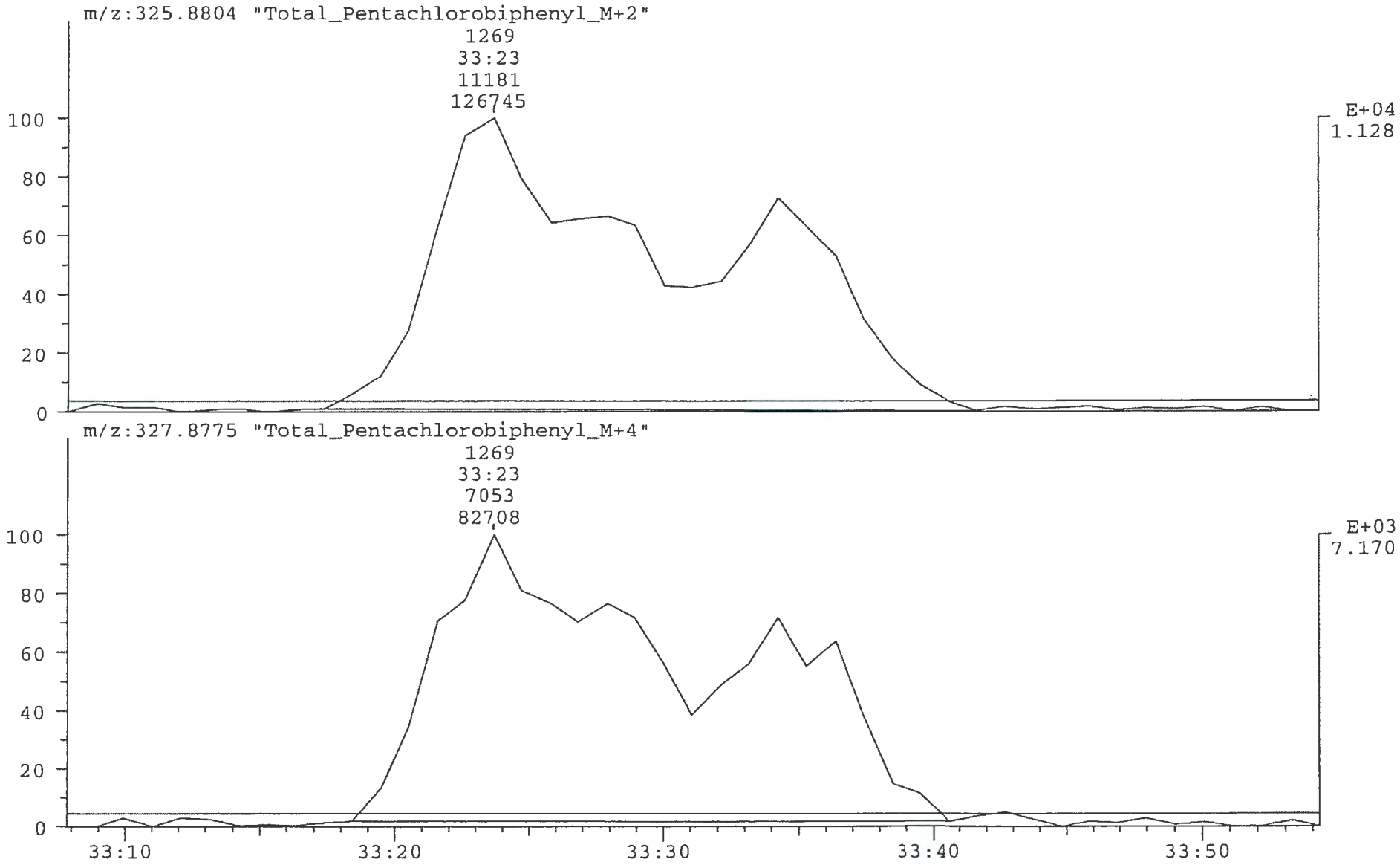


```
CHRO:  a070313i1                                13-Mar-07   Elapse:  33:36      1281
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1254 > 1298           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```

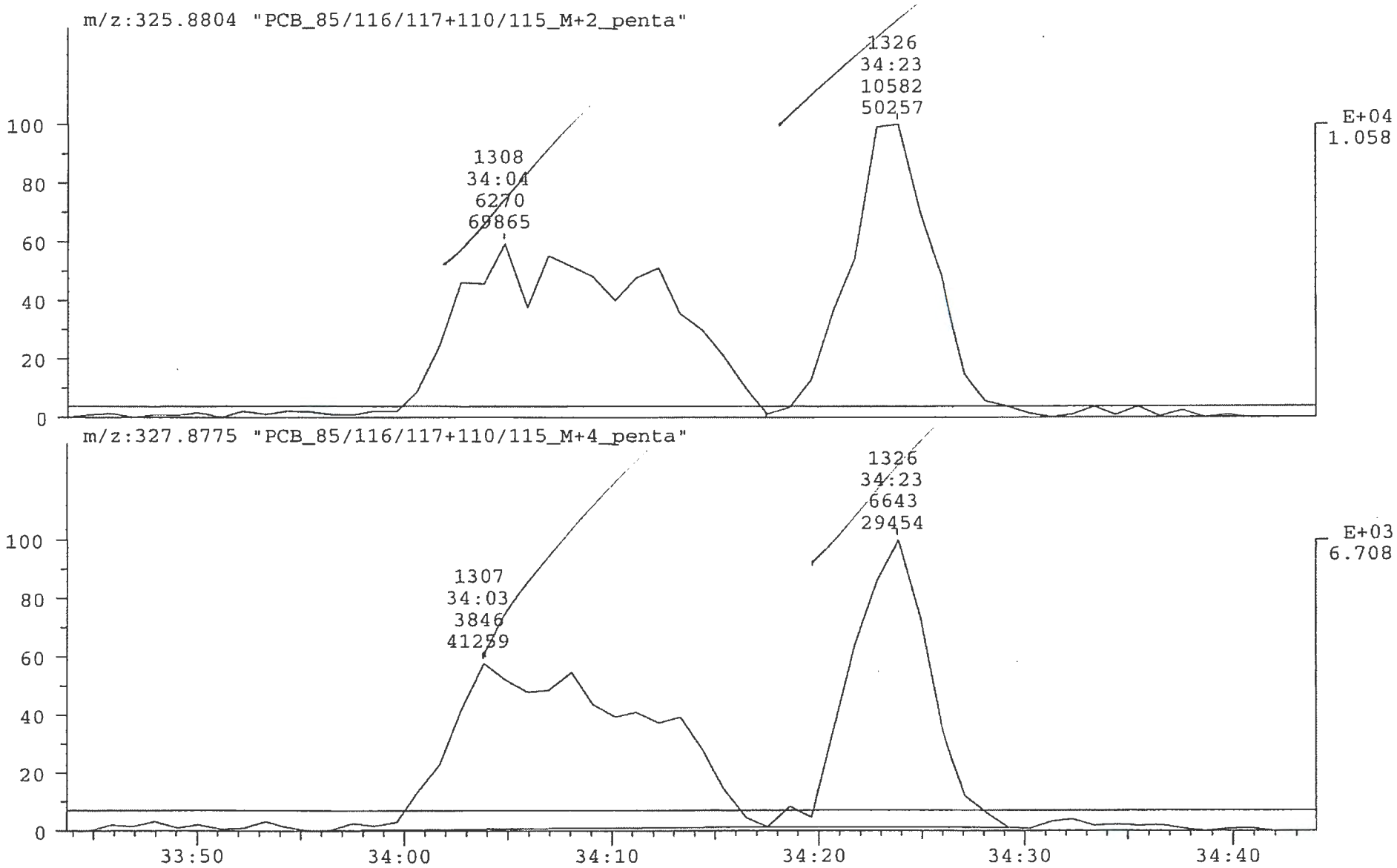


1269

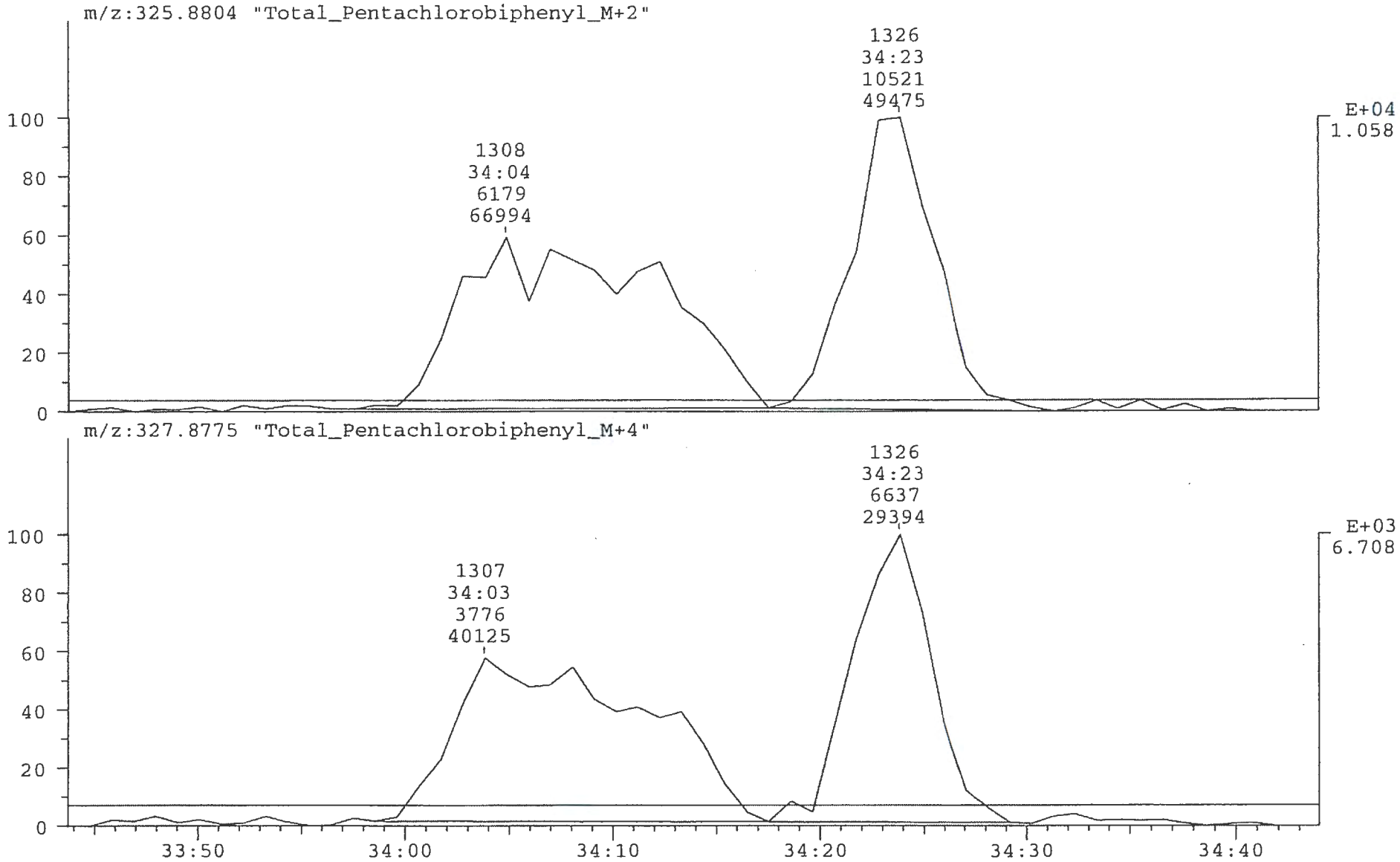
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1254 > 1298           Masses:  181 > 510
Area:  1, 2.00, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



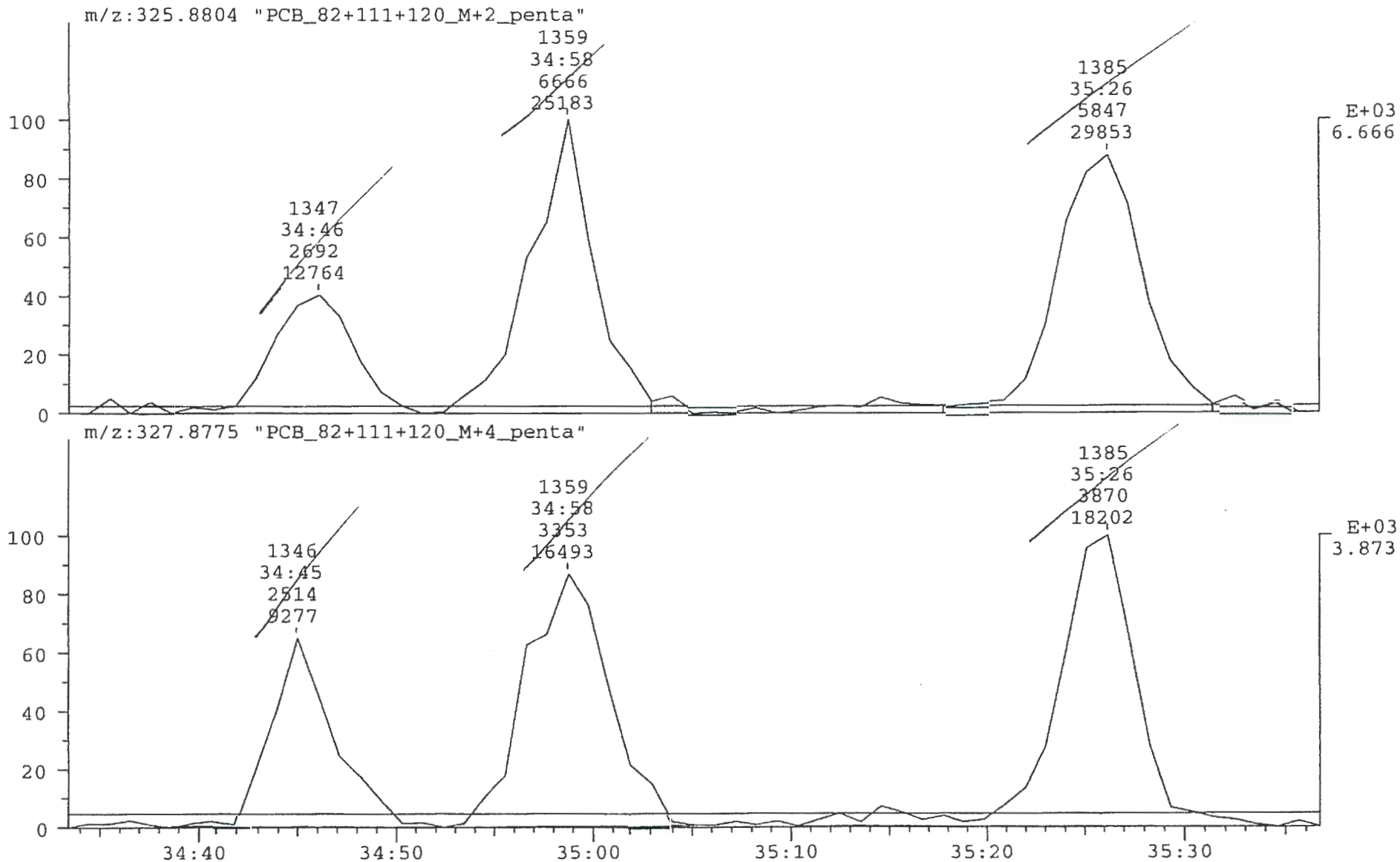
```
CHRO:  a070313i1                              13-Mar-07   Elapse:  34:22      1325
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   4
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
```



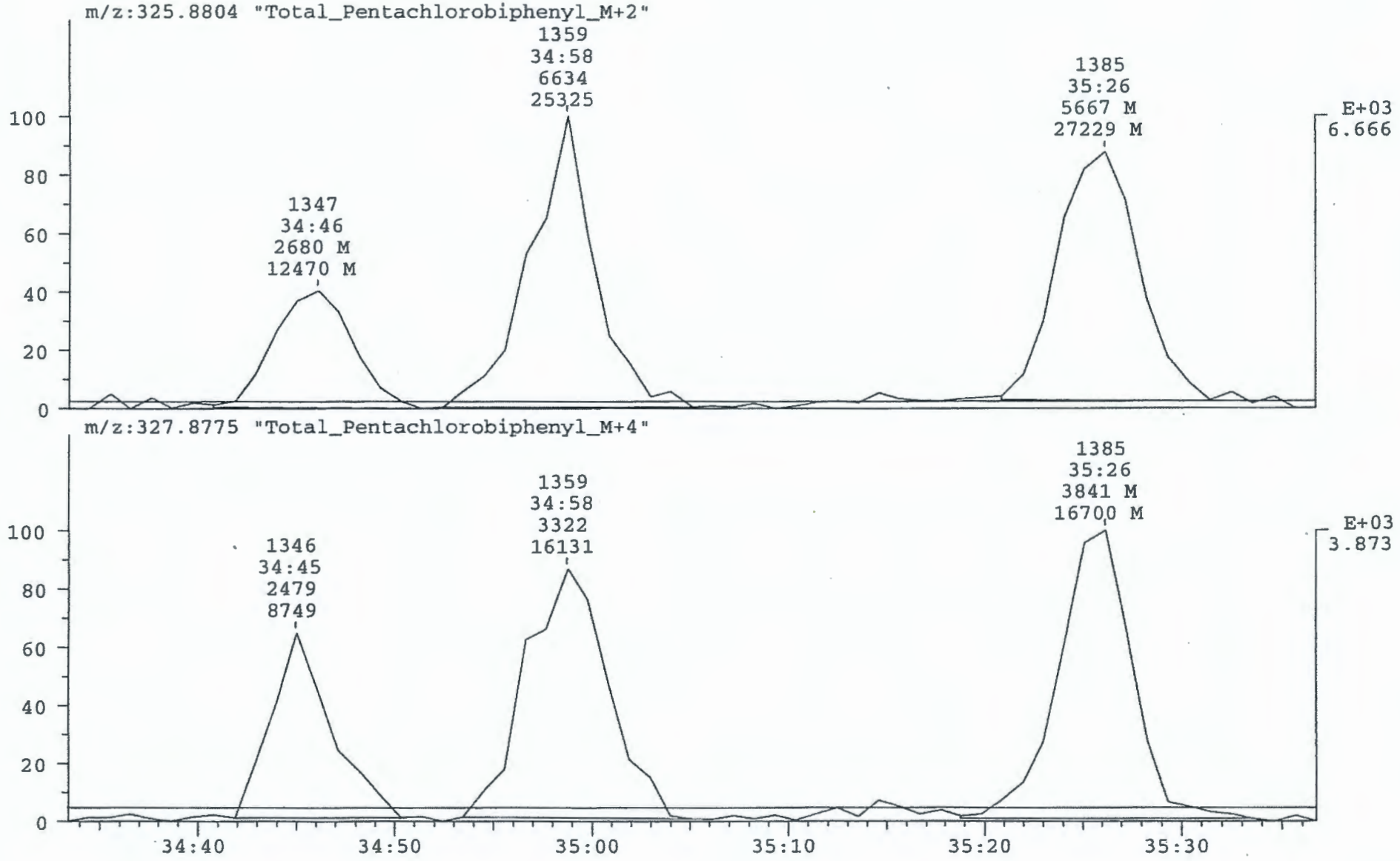
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1288 > 1345           Masses:  181 > 510
Area:  1, 1.00, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



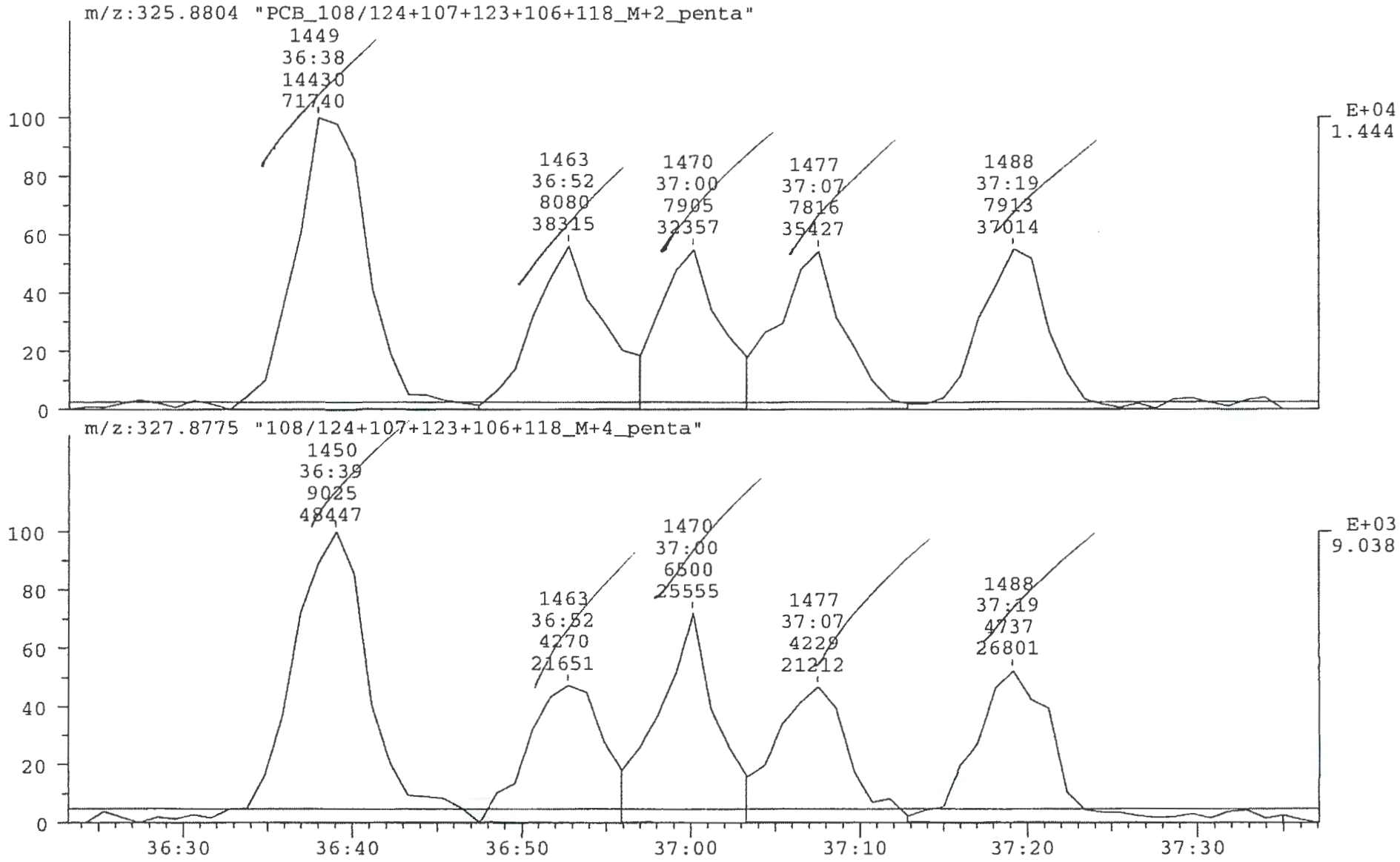
```
CHRO:  a070313i1                              13-Mar-07   Elapse:  34:54      1355
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   4
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
```



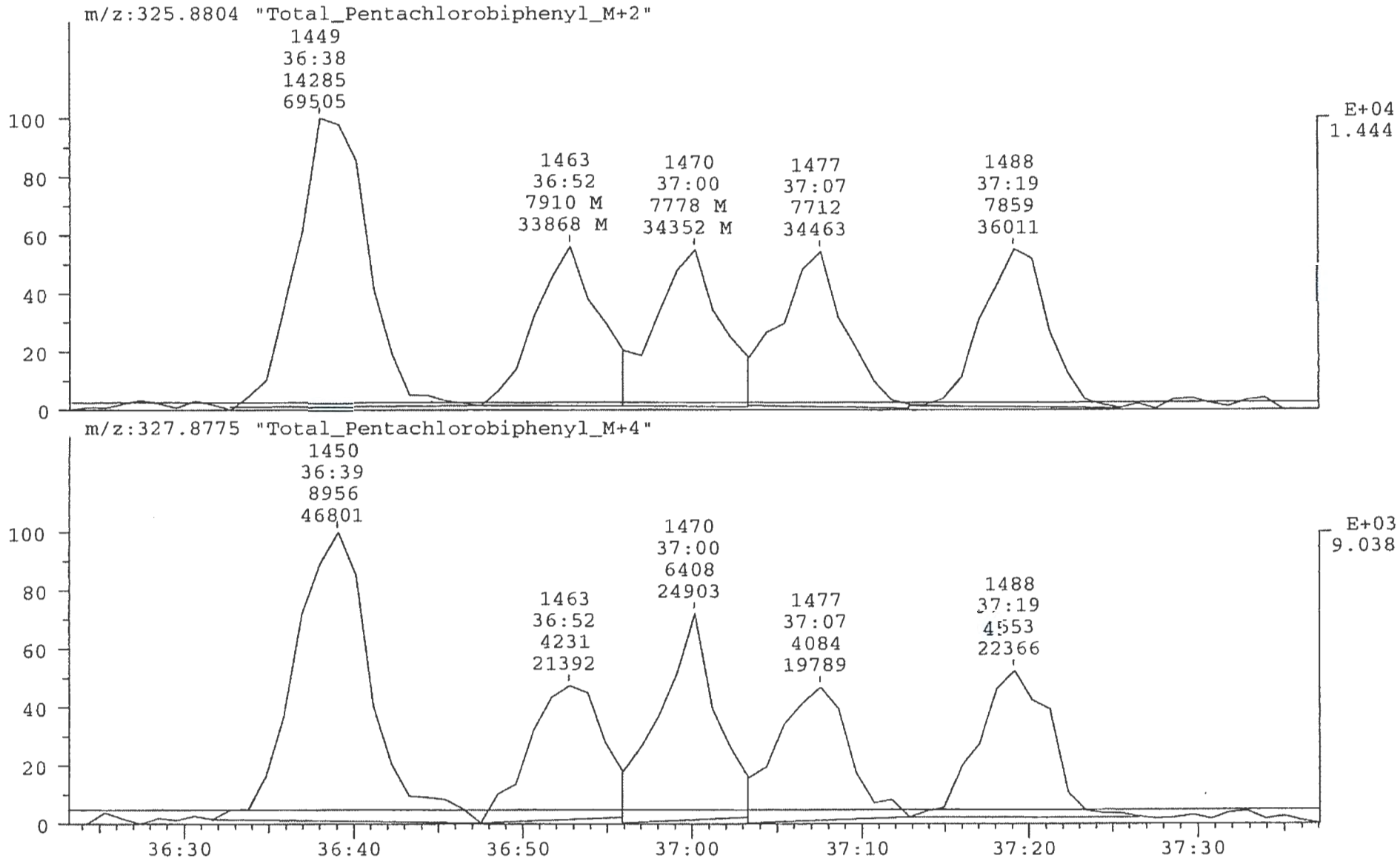
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1335 > 1395           Masses:  181 > 510
Area:  1, 1.00, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



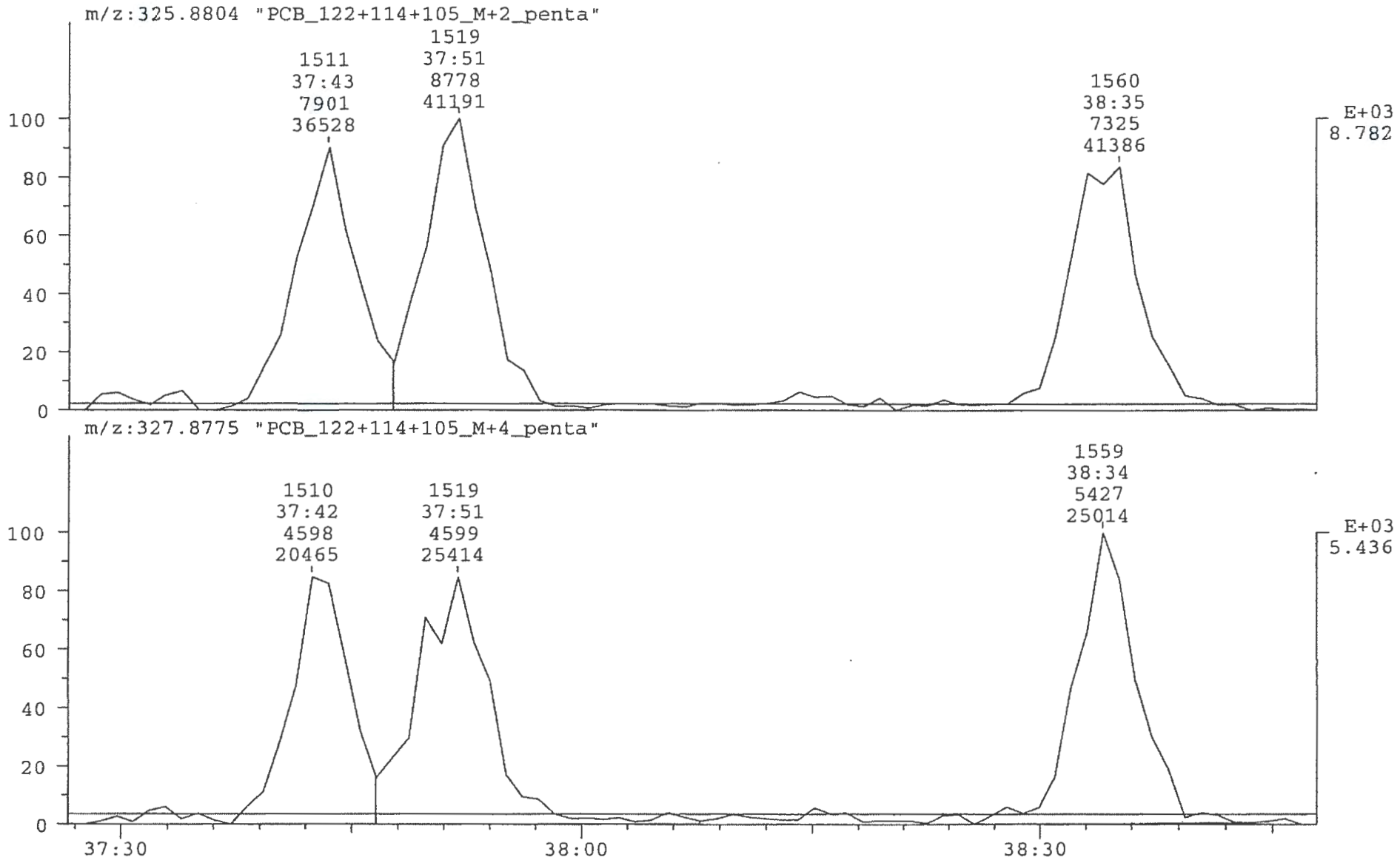
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  37:10      1480
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



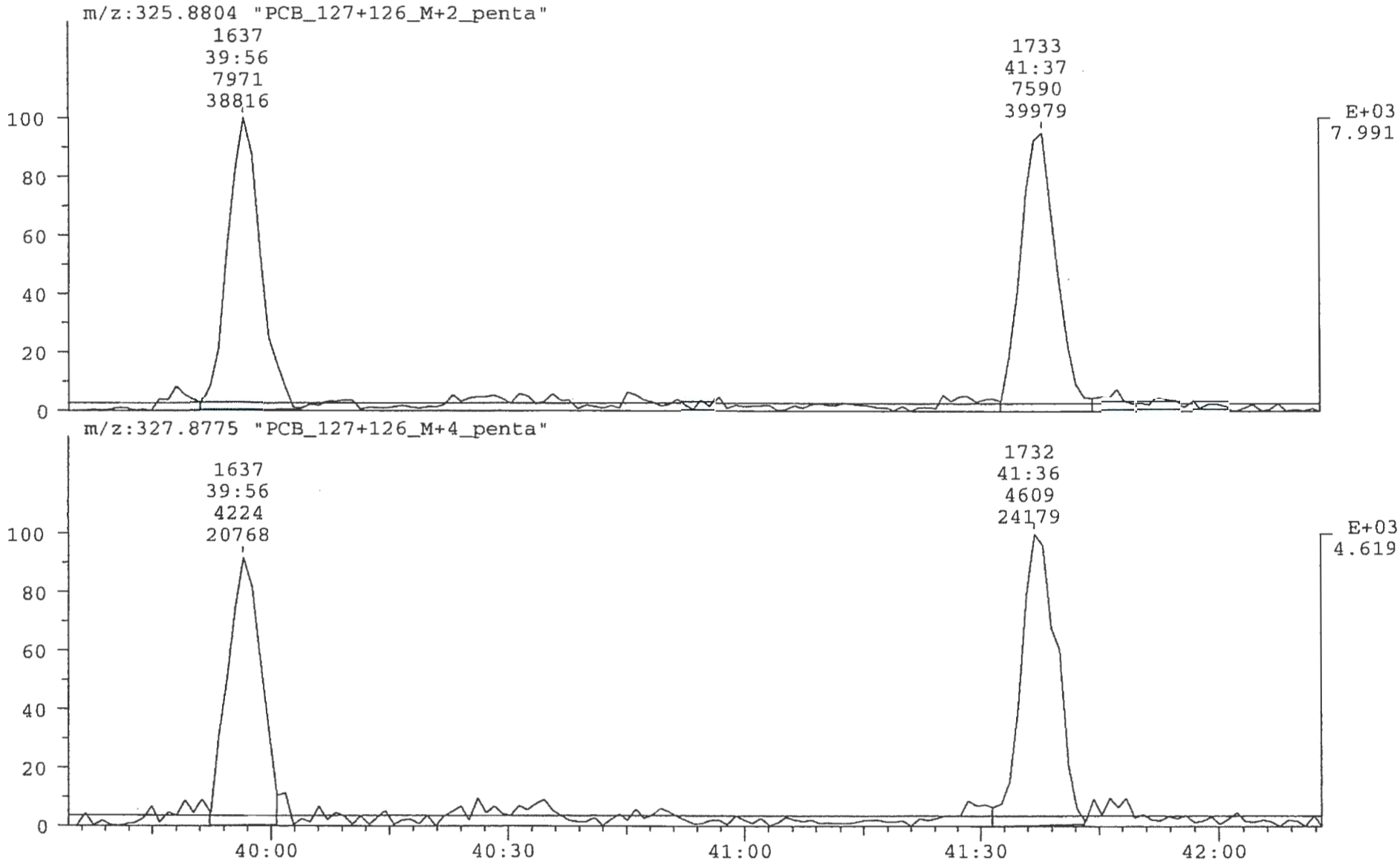
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1435 > 1505           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



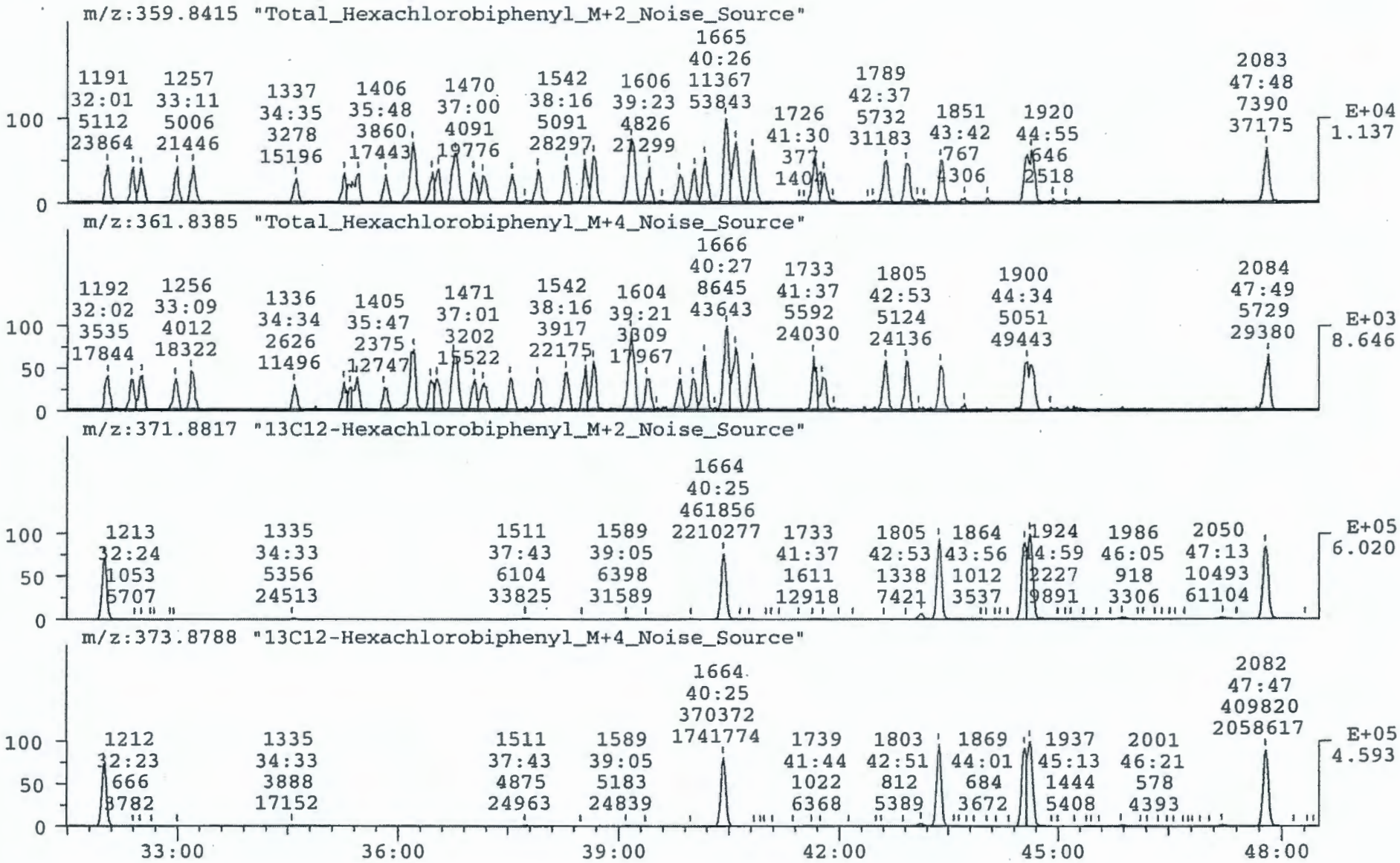
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  38:14      1540
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



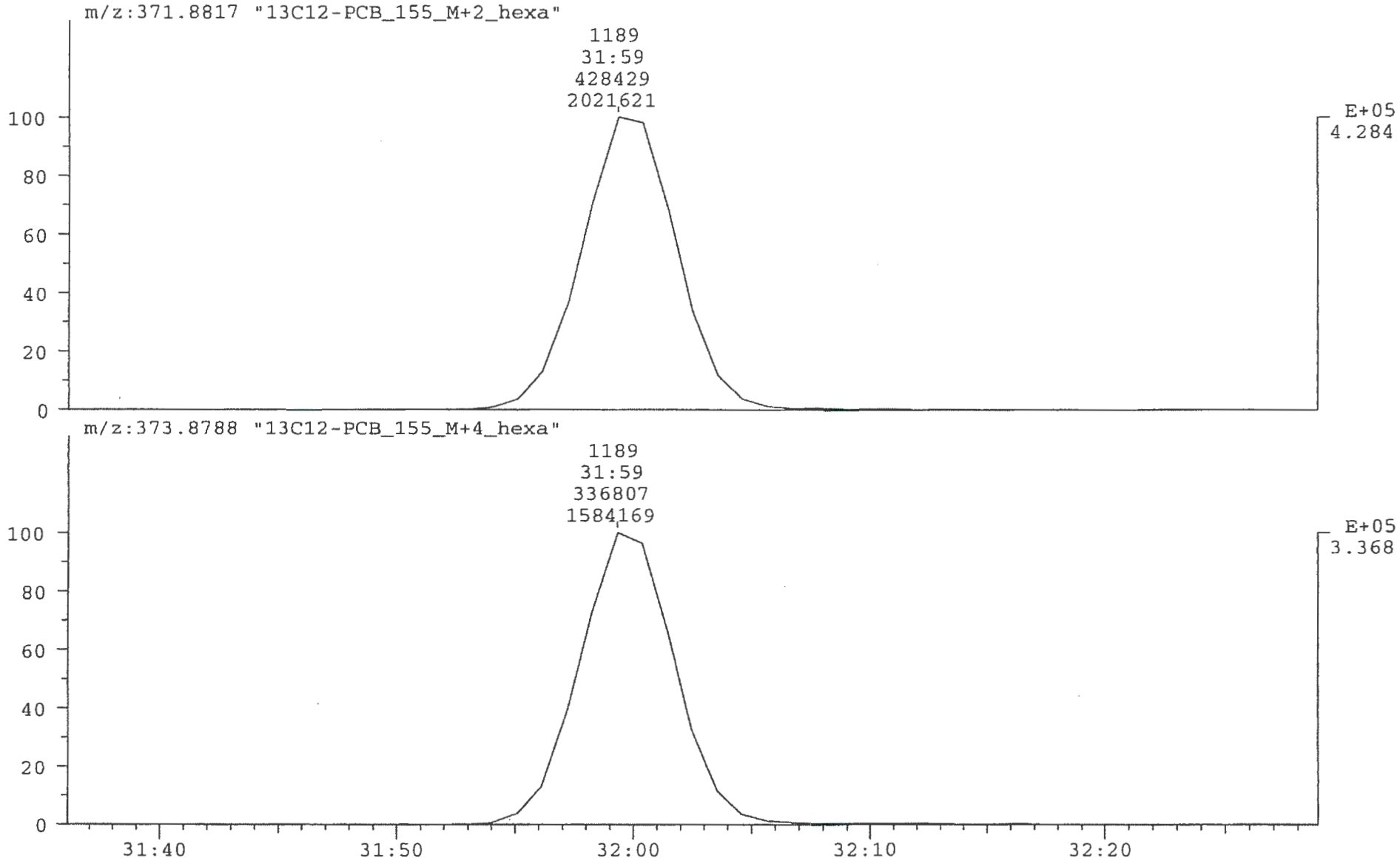
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  40:53      1691
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  4
Peak:  100.00  ppm      Label wndw:   1616 > 1766           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



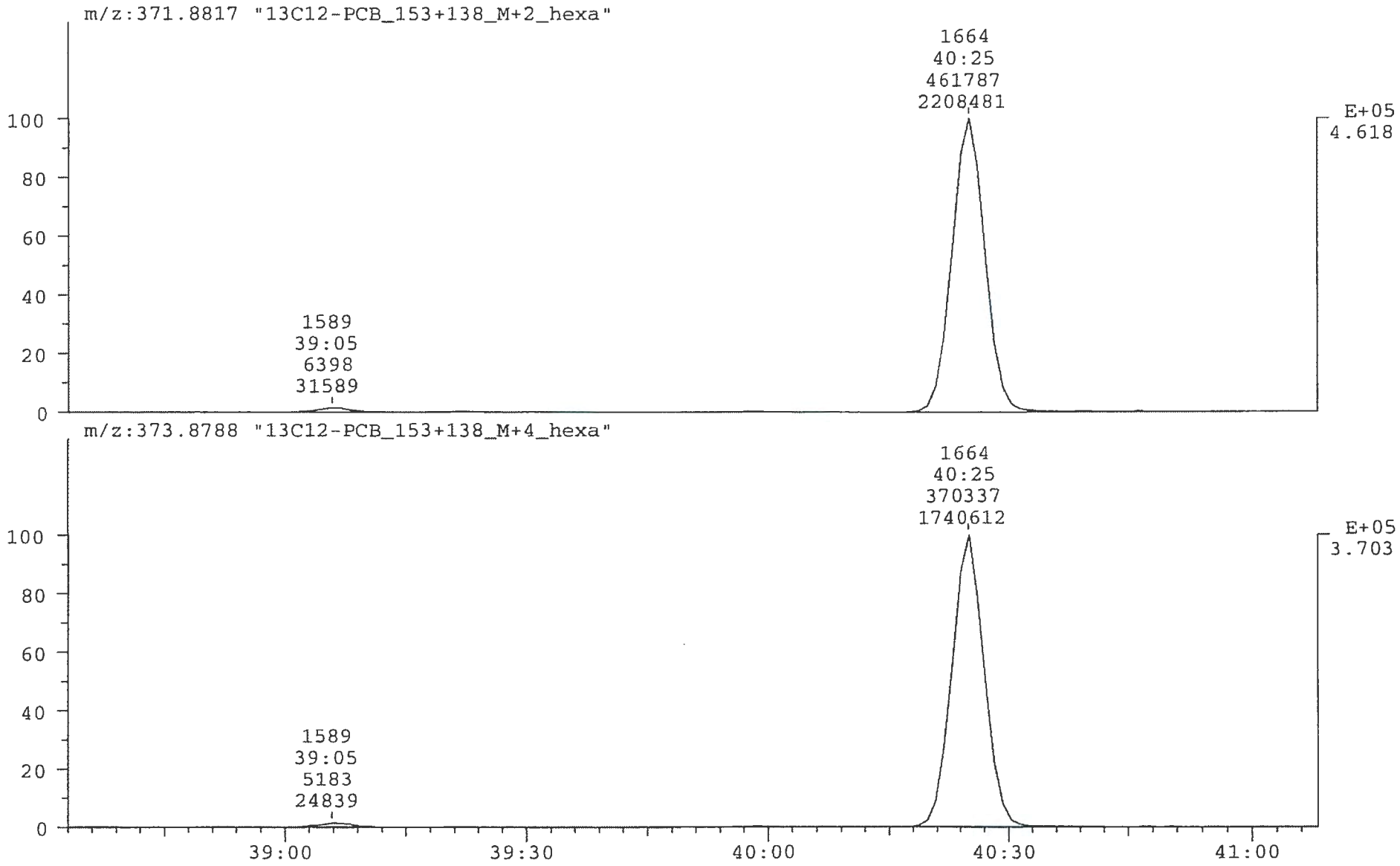
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  39:58      1639
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



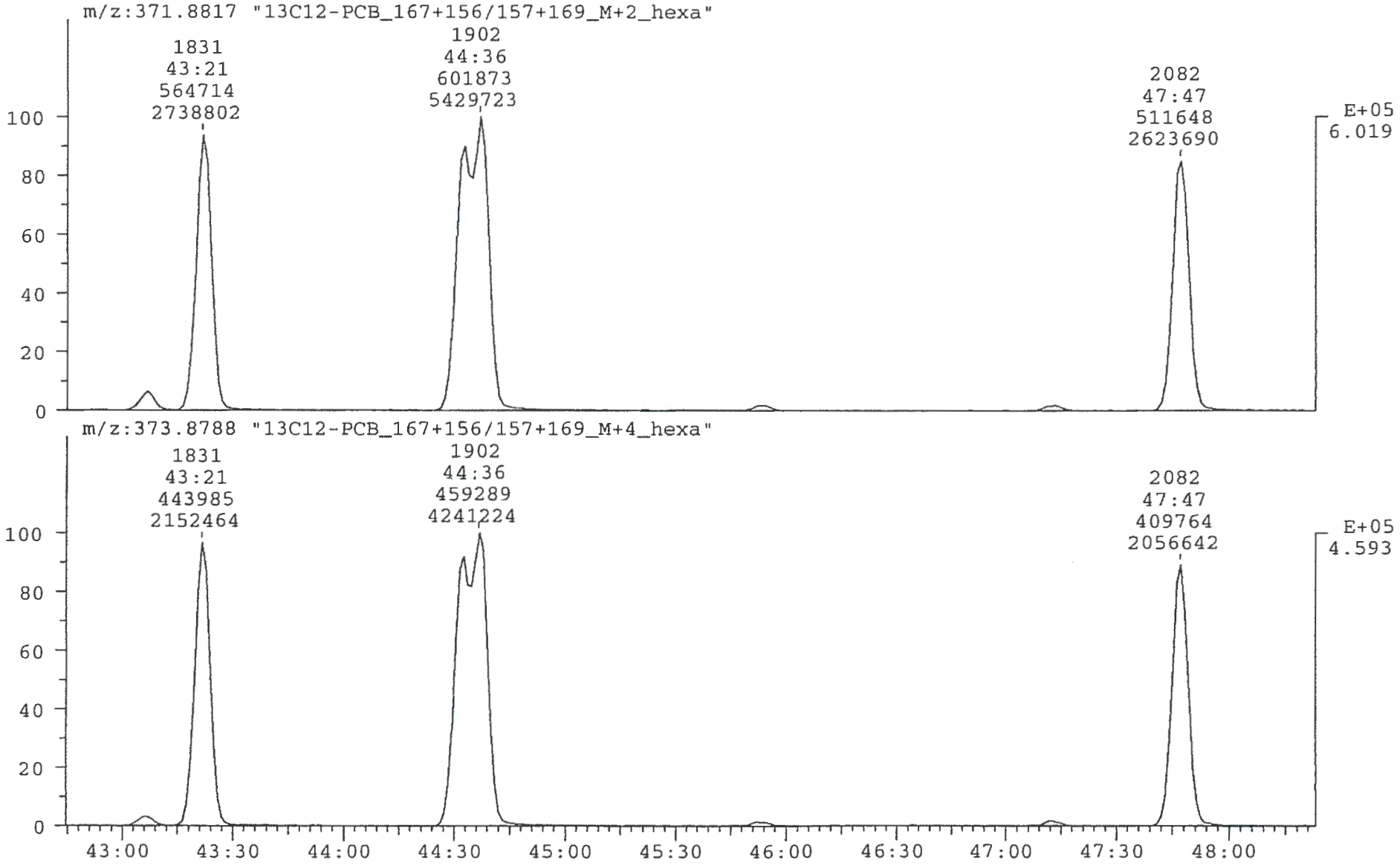
CHRO: a070313i1 13-Mar-07 Elapse: 32:02 1192
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1167 > 1217 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



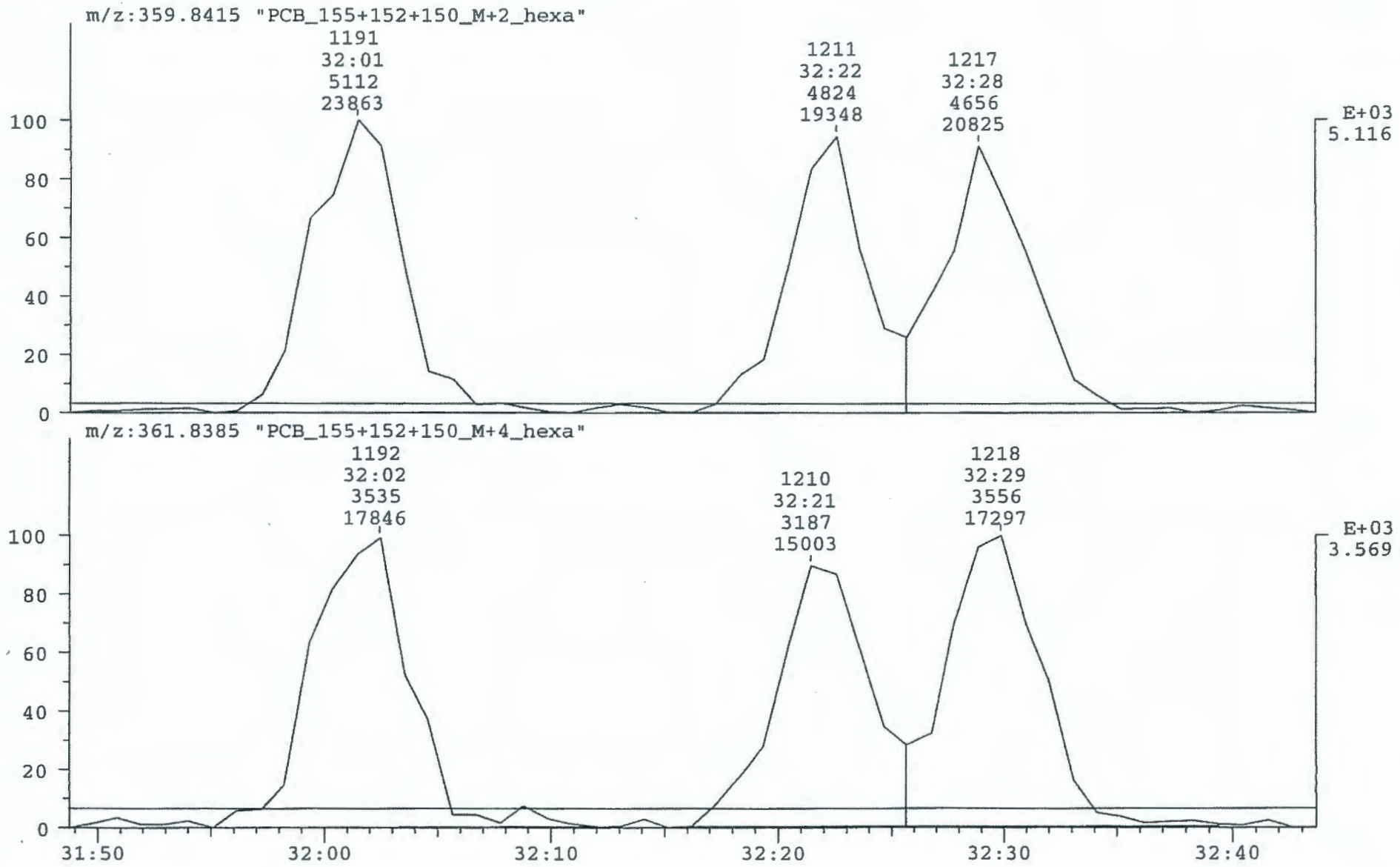
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  39:50      1631
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



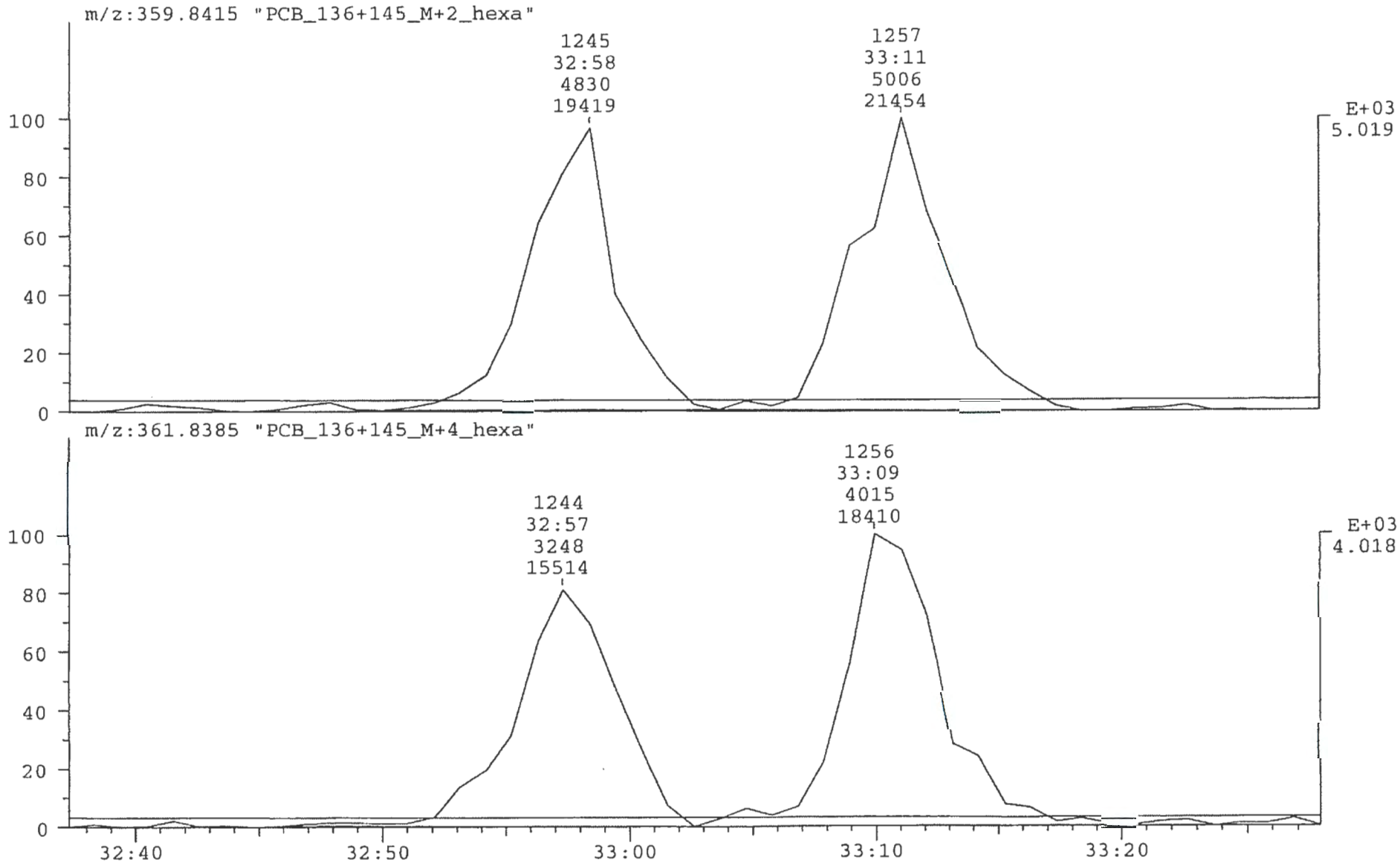
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  45:38      1961
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



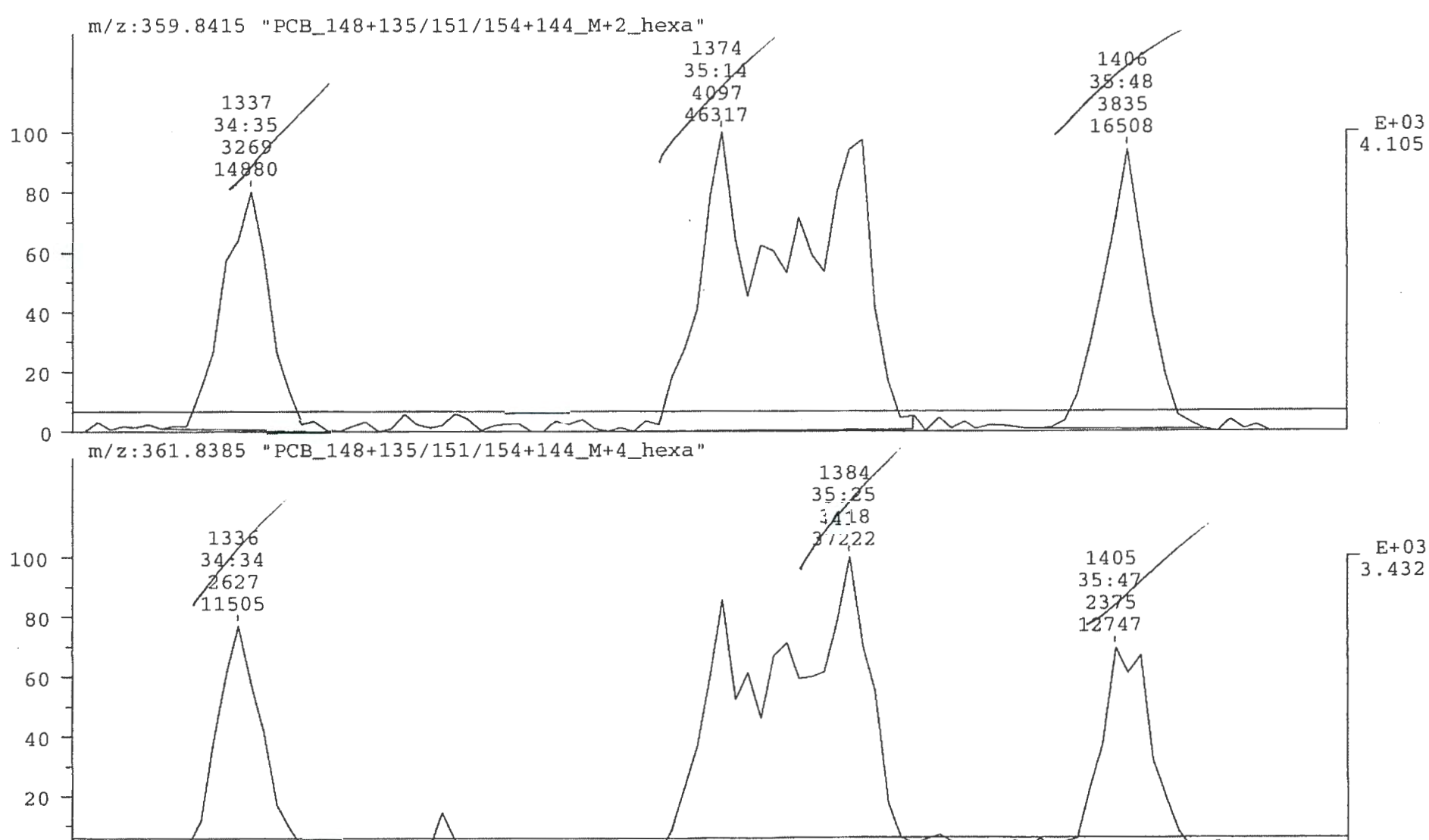
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  32:20      1209
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



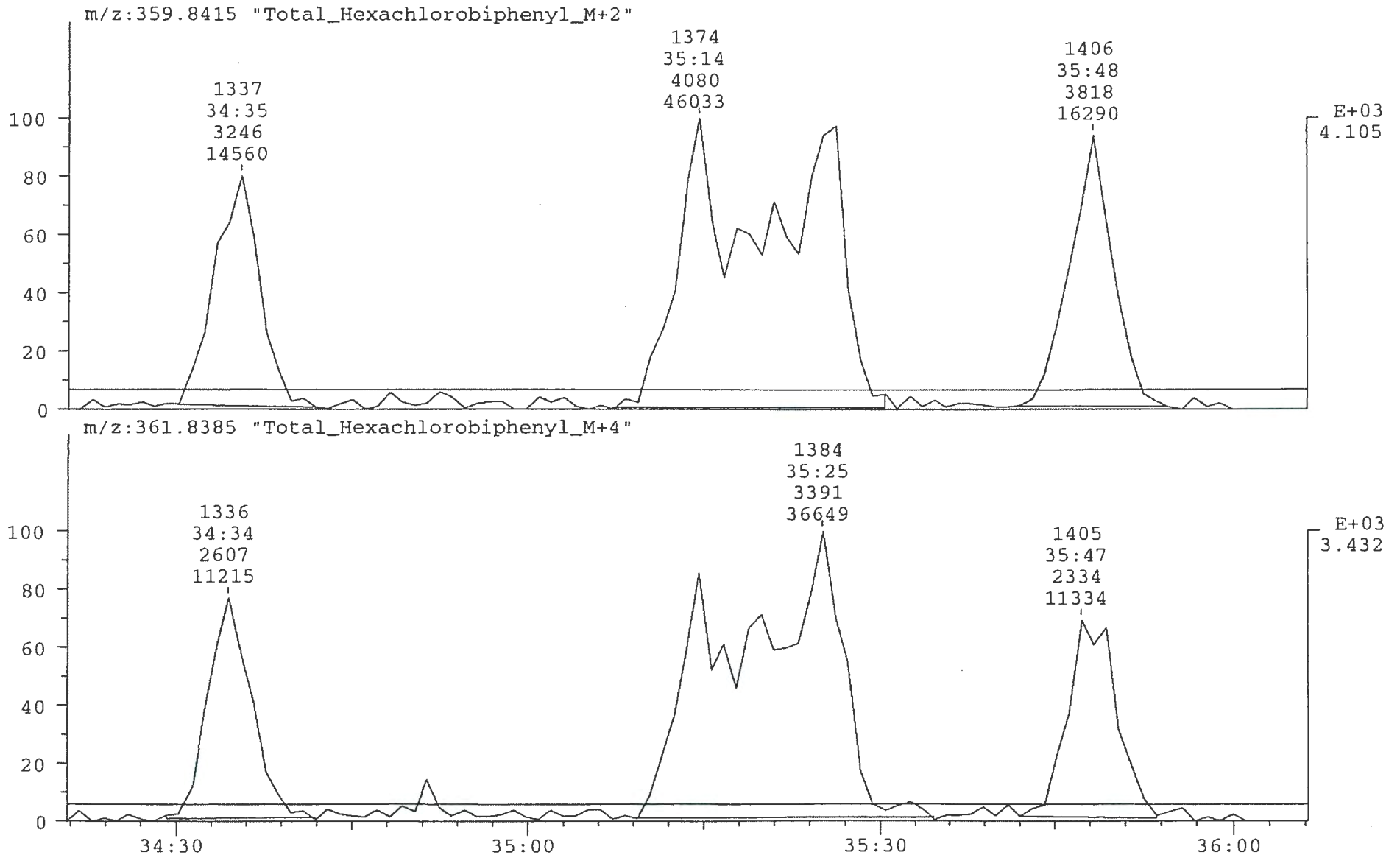
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  33:08      1255
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



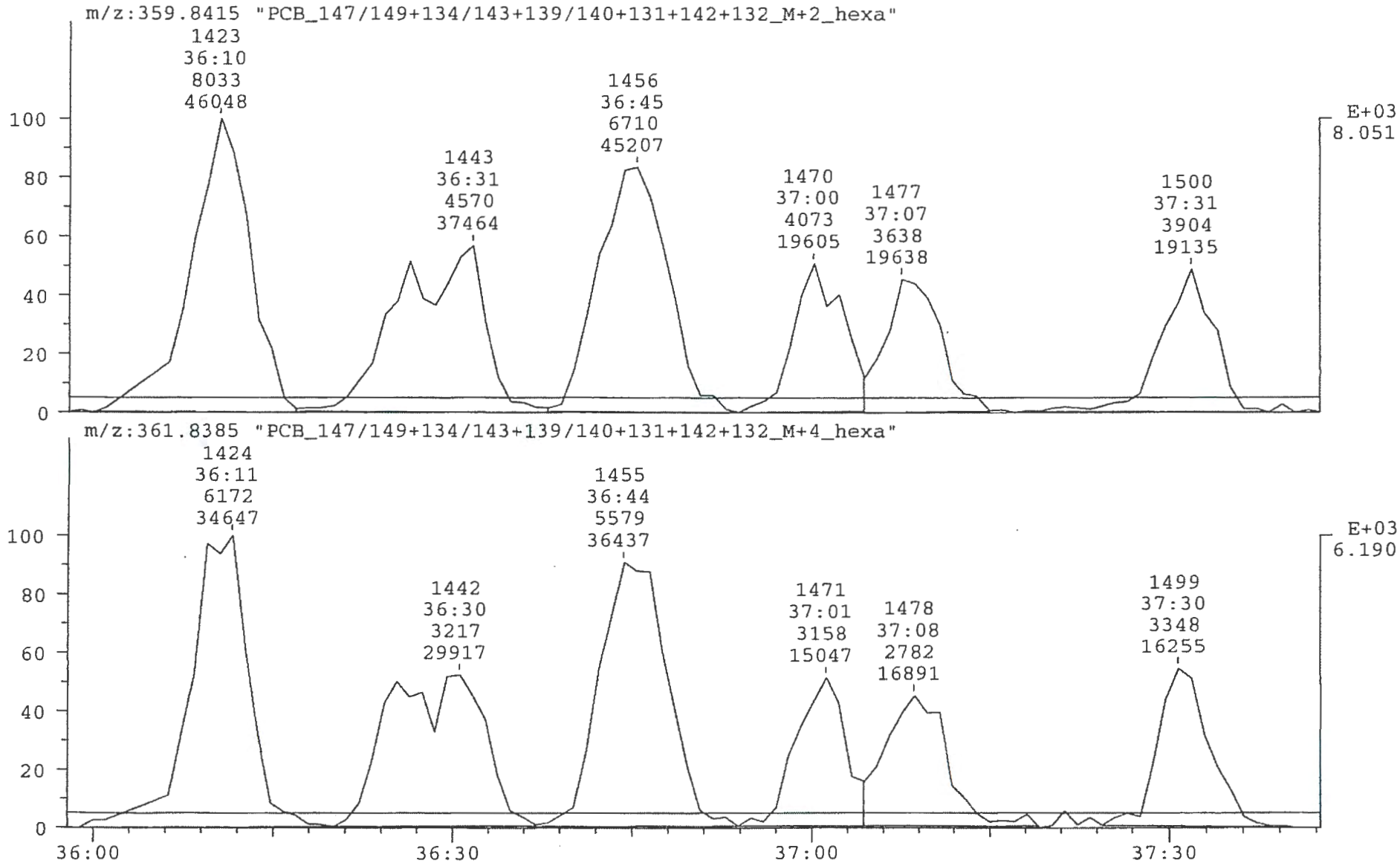
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  35:22      1381
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



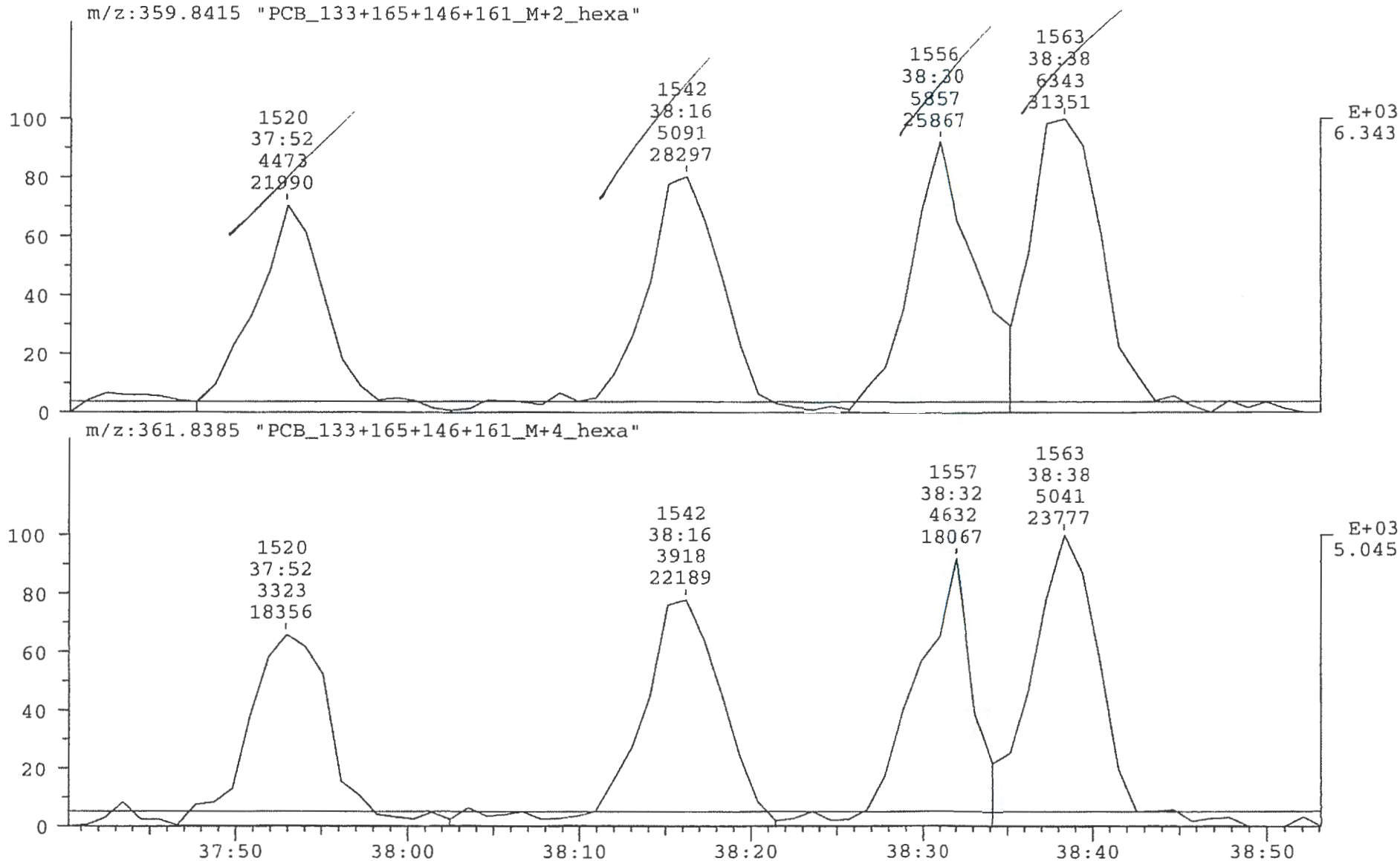
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  4
Peak:  100.00  ppm      Label wndw:   1323 > 1419           Masses:  181 > 510
Area:  5, 1.00, 15      Baseline  :   100, 12               Label :  -3, 3.0
Disp:  Height  Area
```



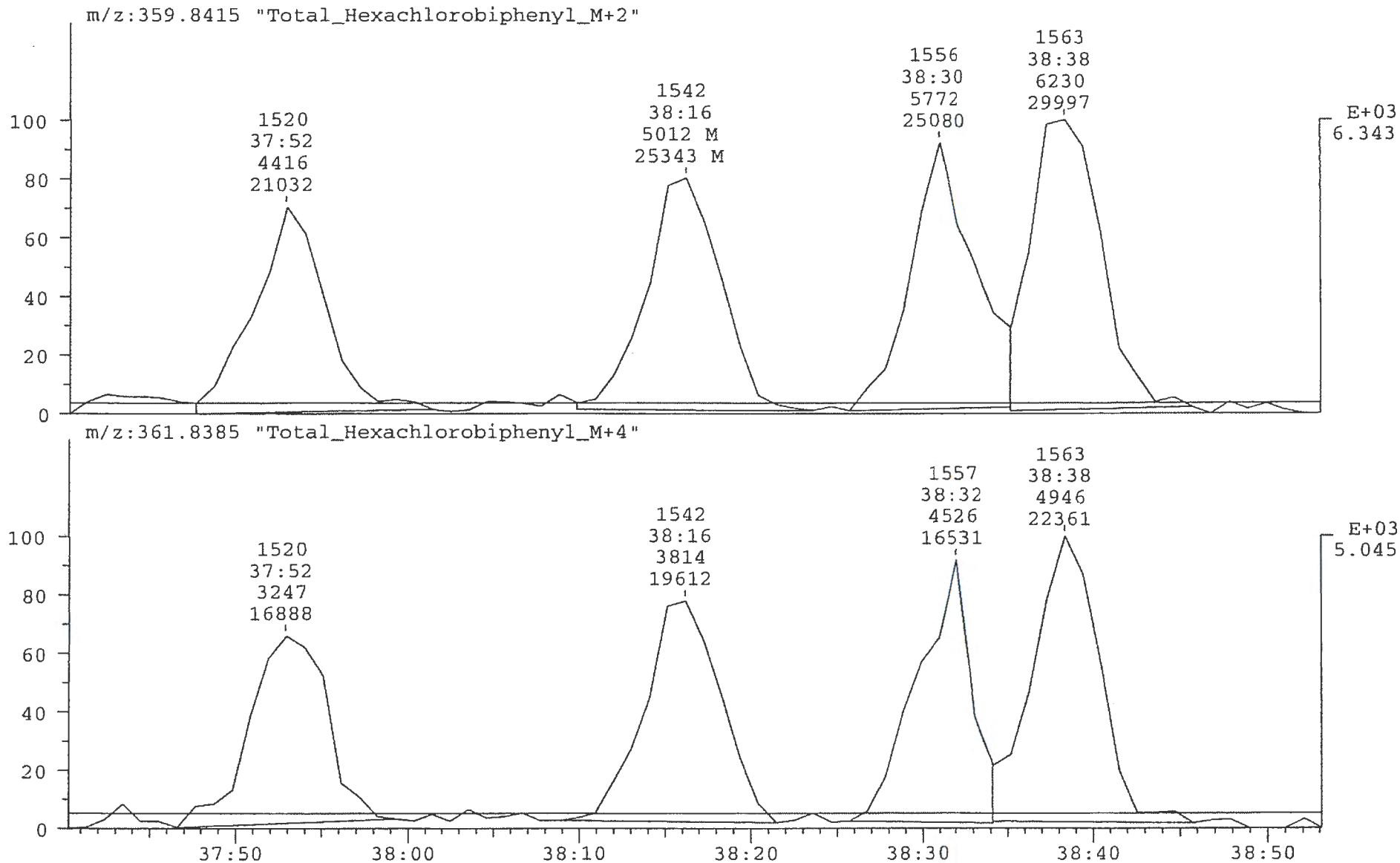
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  36:46      1457
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



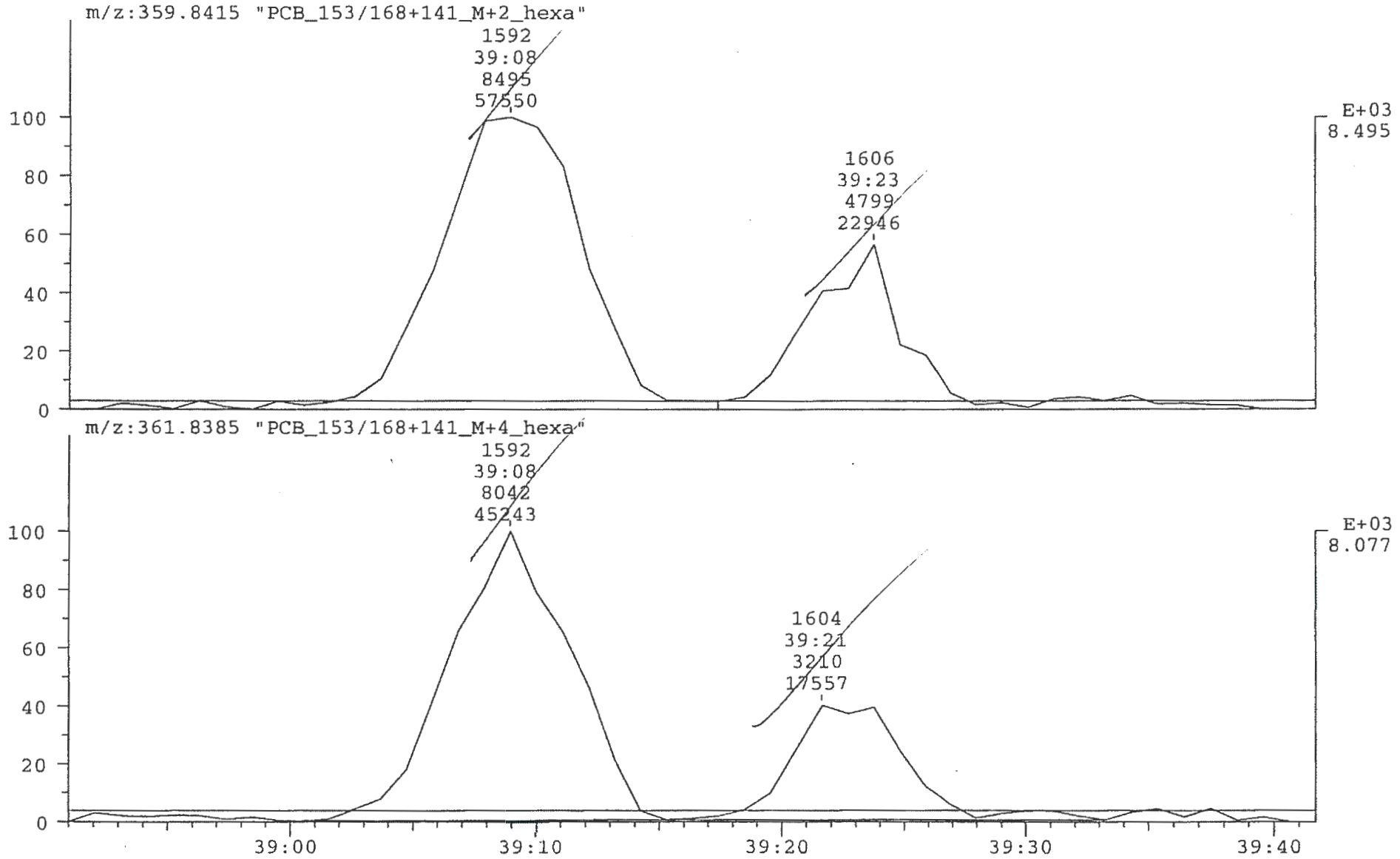
CHRO: a070313i1 13-Mar-07 Elapse: 38:22 1548
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1508 > 1577 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



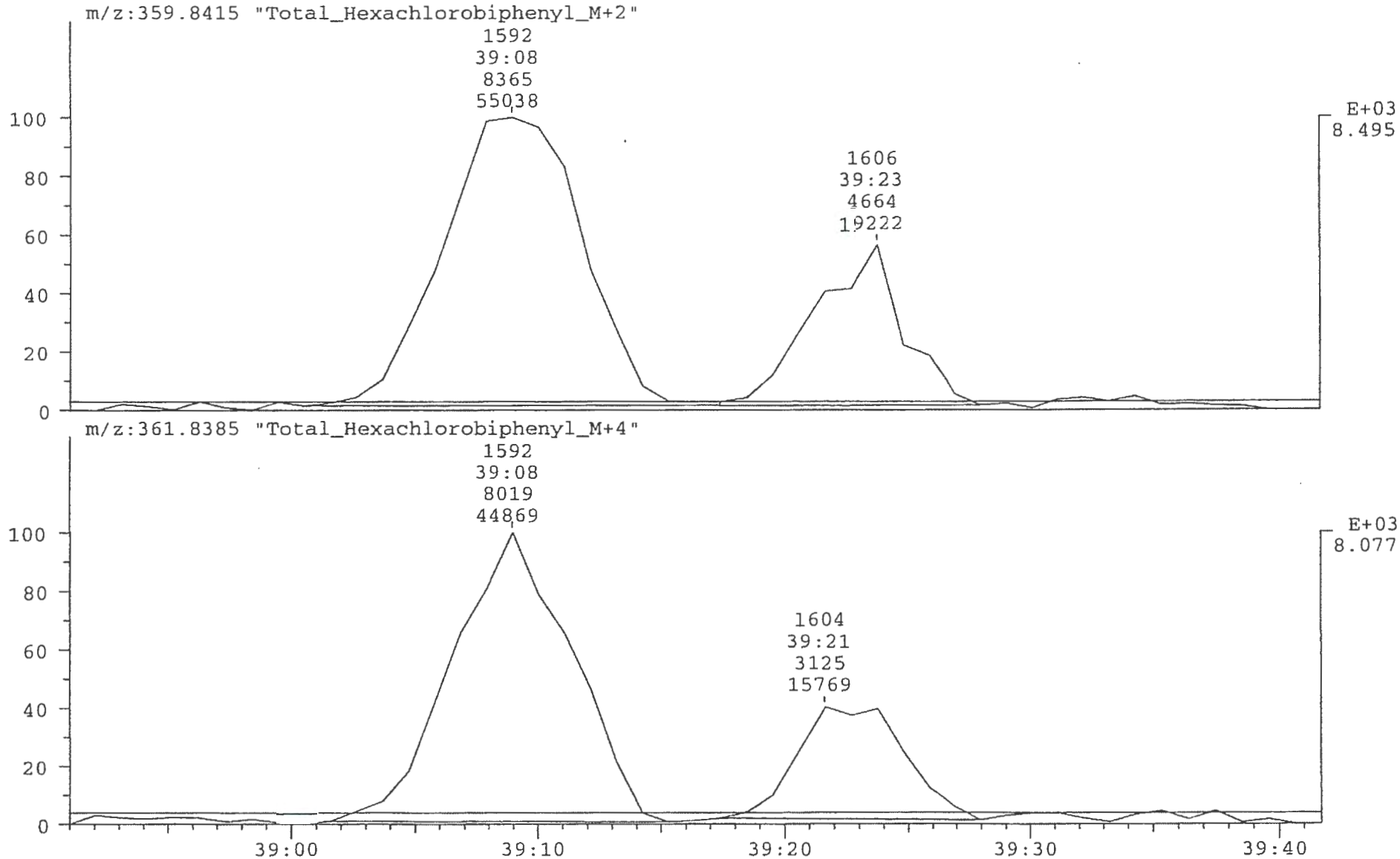
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1508 > 1577           Masses:  181 > 510
Area:  1, 2.00, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



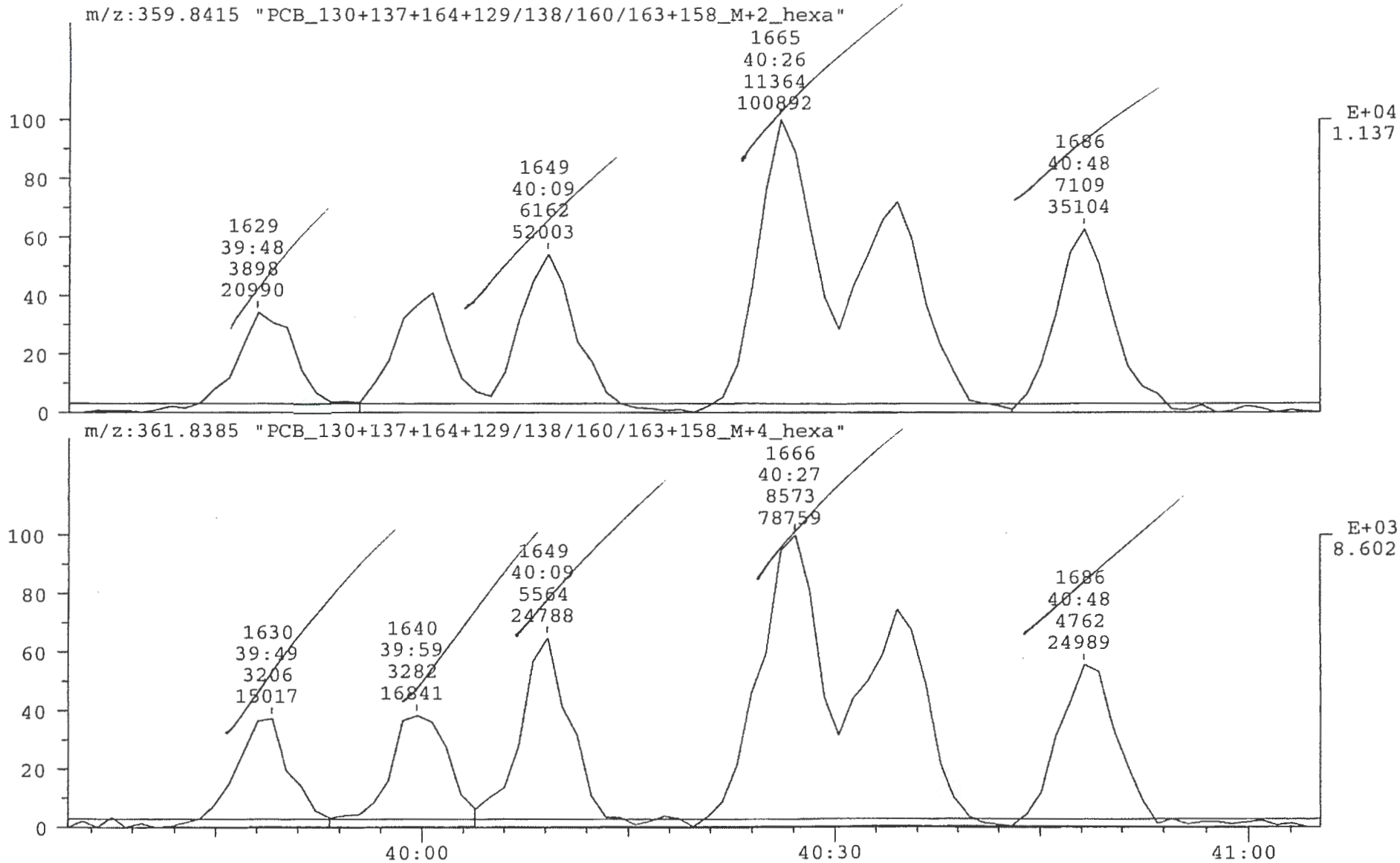
CHRO: a070313i1 13-Mar-07 Elapse: 39:20 1603
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1575 > 1623 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



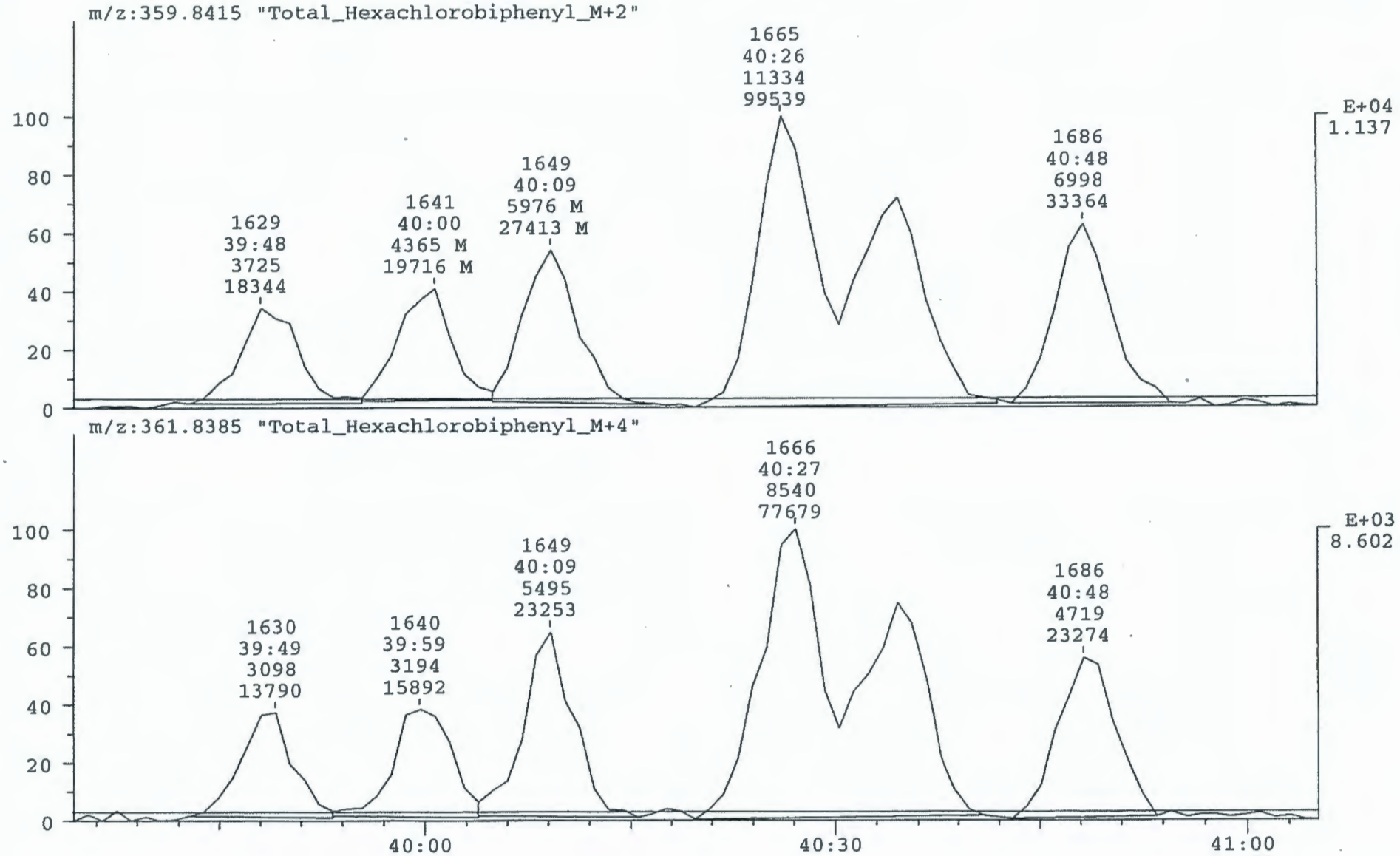
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1575 > 1623           Masses:  181 > 510
Area:  1, 2.00, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



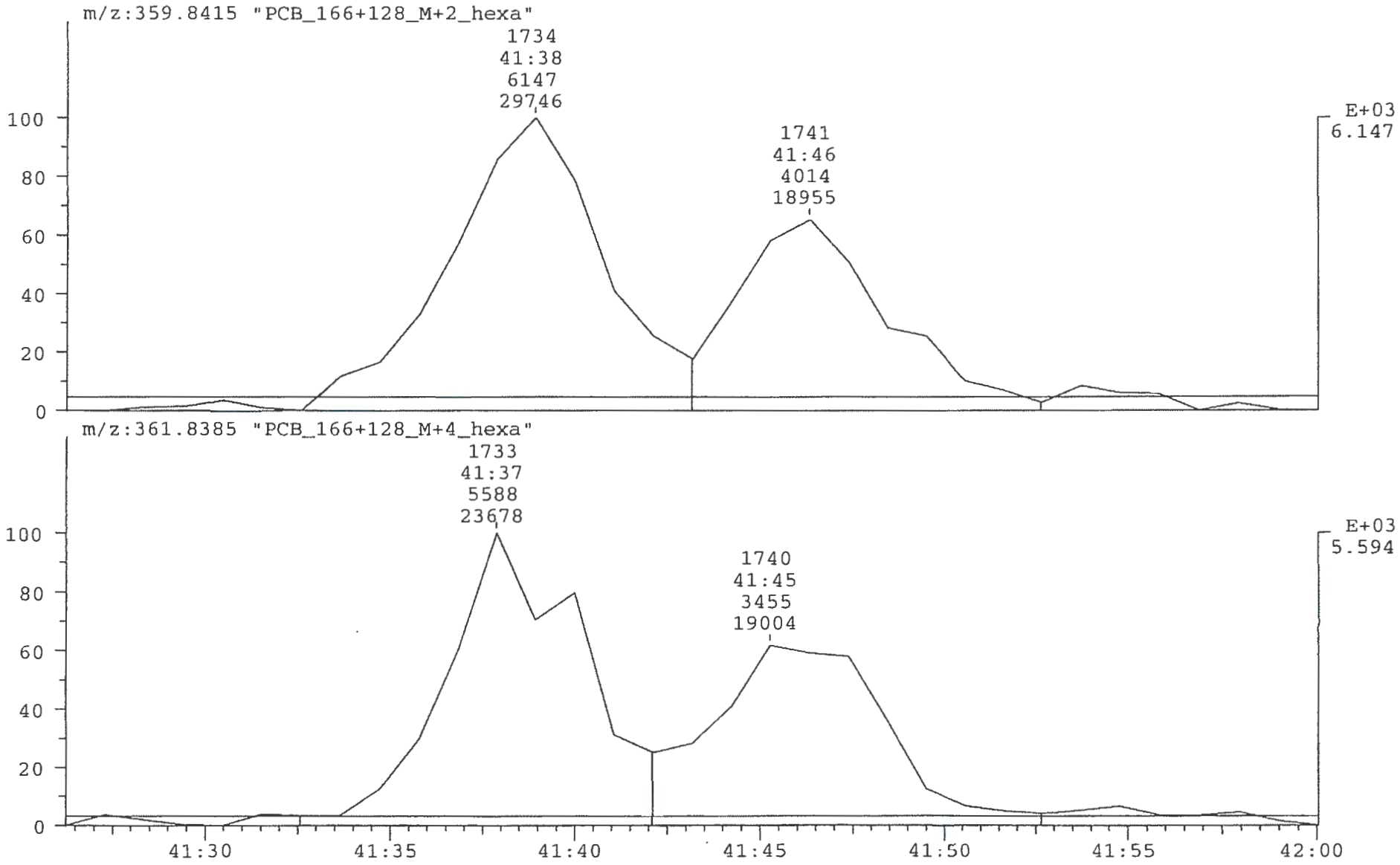
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  40:22      1662
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   4
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
```



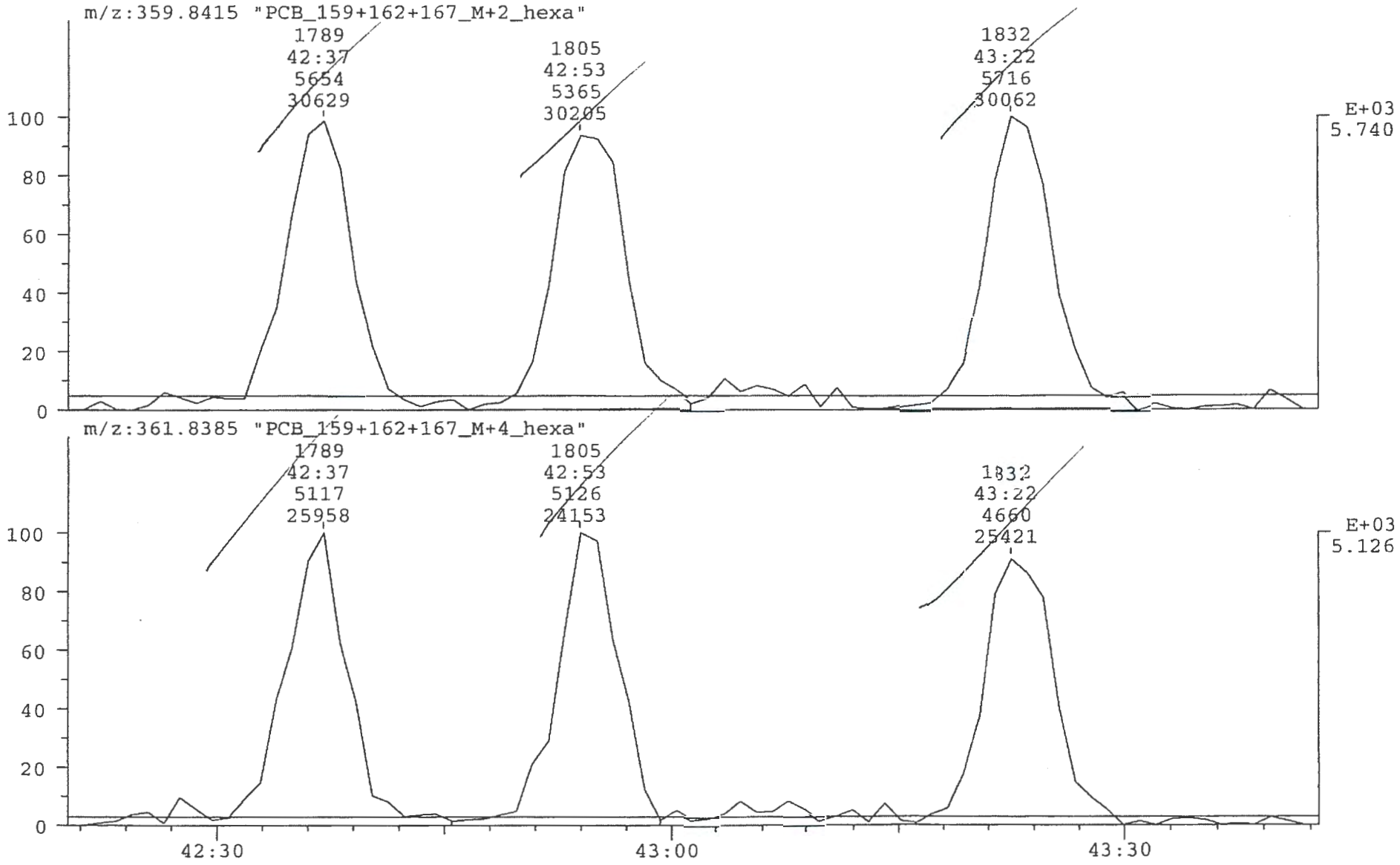
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial  4
Peak:  100.00  ppm      Label wndw:   1616 > 1702          Masses:  181 > 510
Area:  1, 2.00, 15      Baseline  :   100, 7               Label :  -3, 3.0
Disp:  Height  Area
```



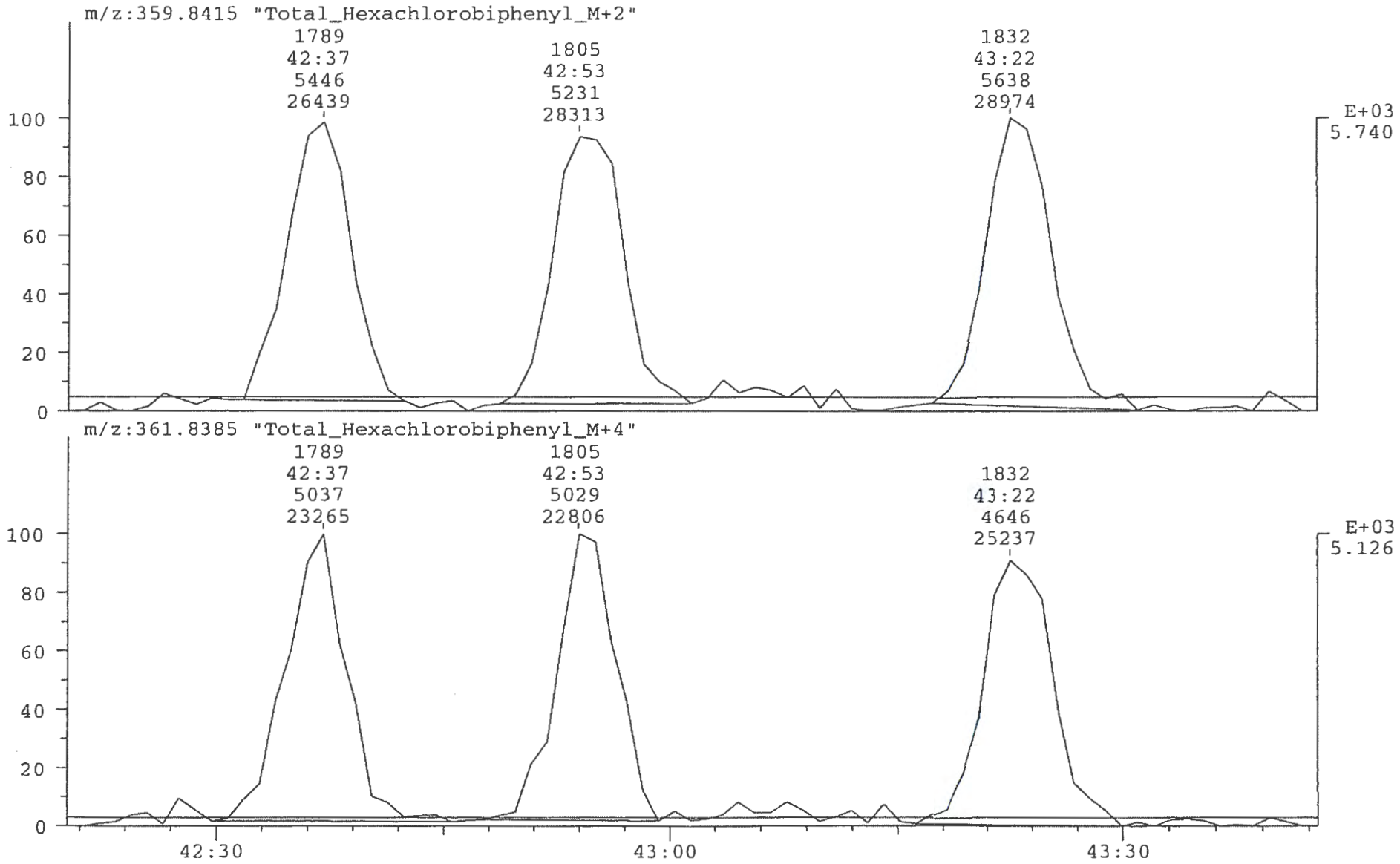
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  41:47      1742
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



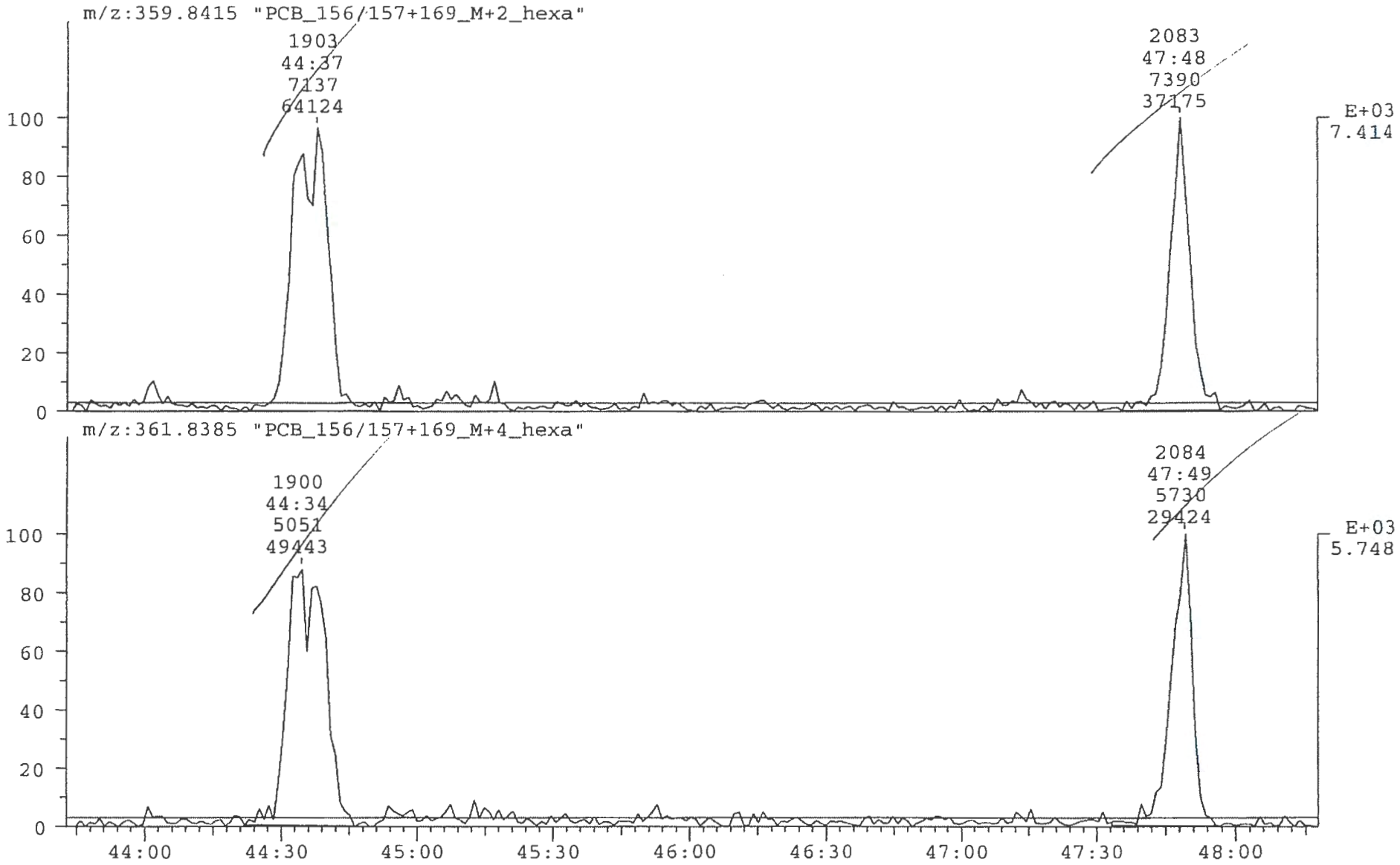
CHRO: a070313i1 13-Mar-07 Elapse: 43:05 1816
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1773 > 1851 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



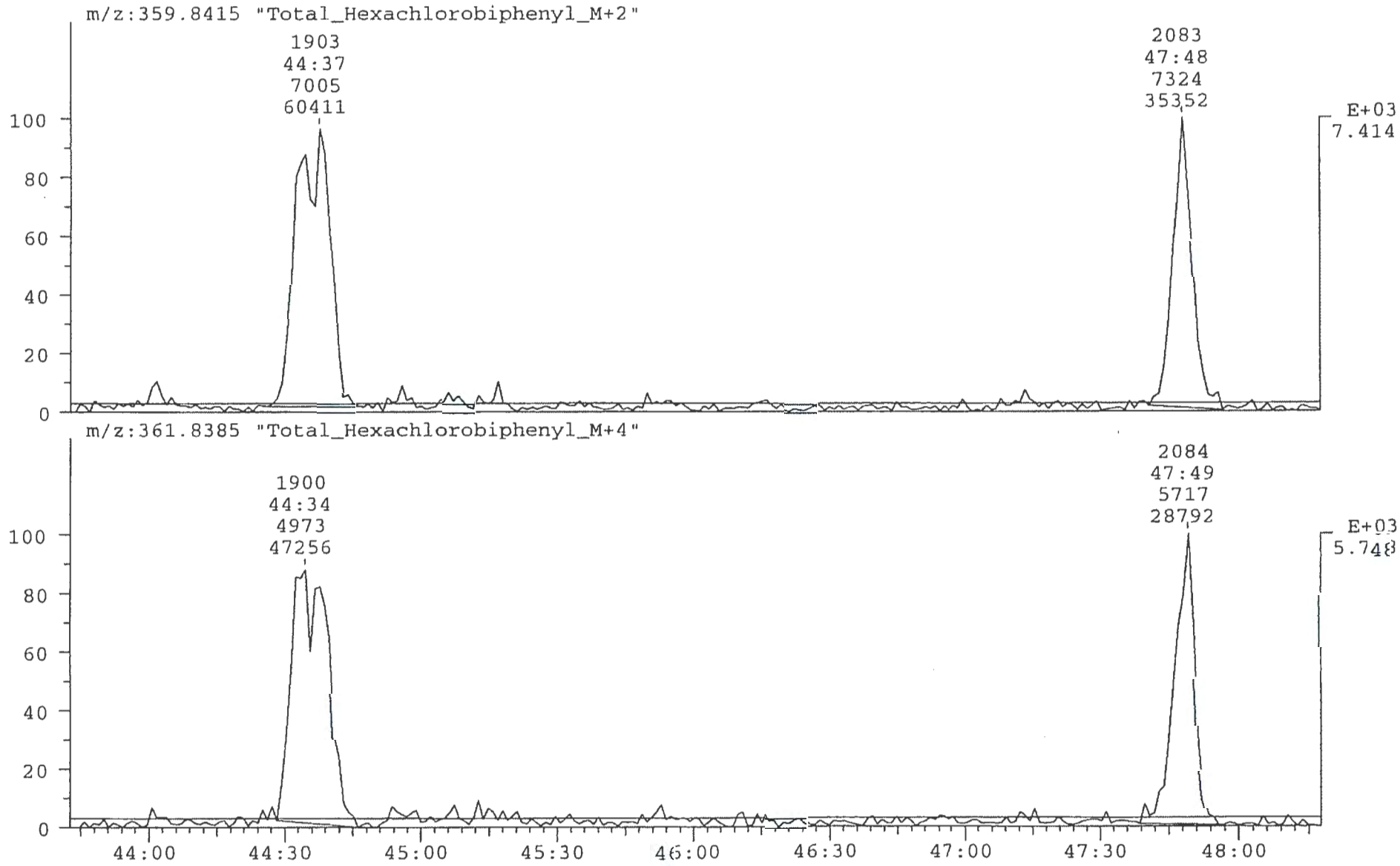
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1773 > 1851           Masses:  181 > 510
Area:  1, 2.40, 15      Baseline  :   100, 7                Label :  -3, 3.0
Disp:  Height  Area
```



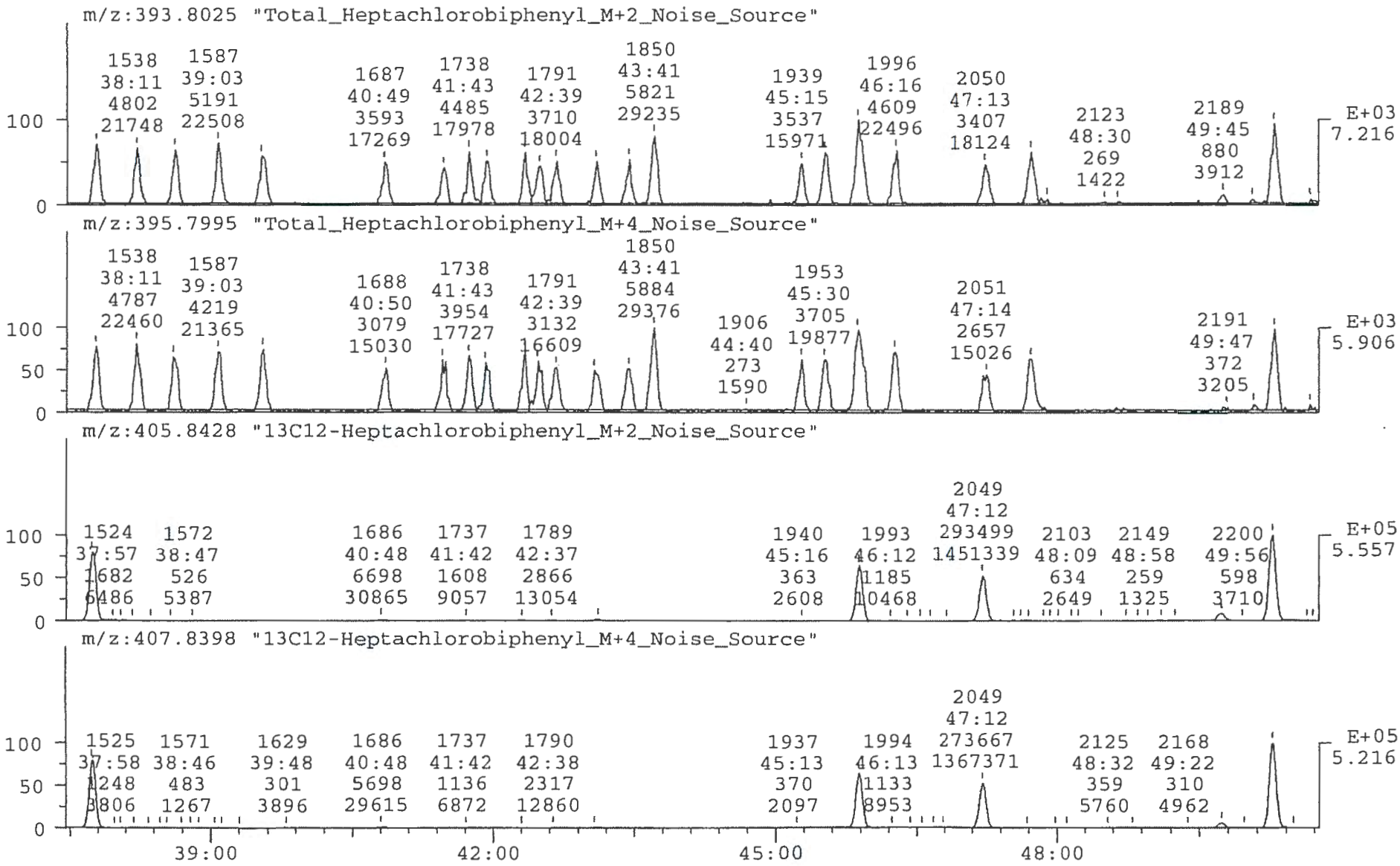
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  46:16      1996
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



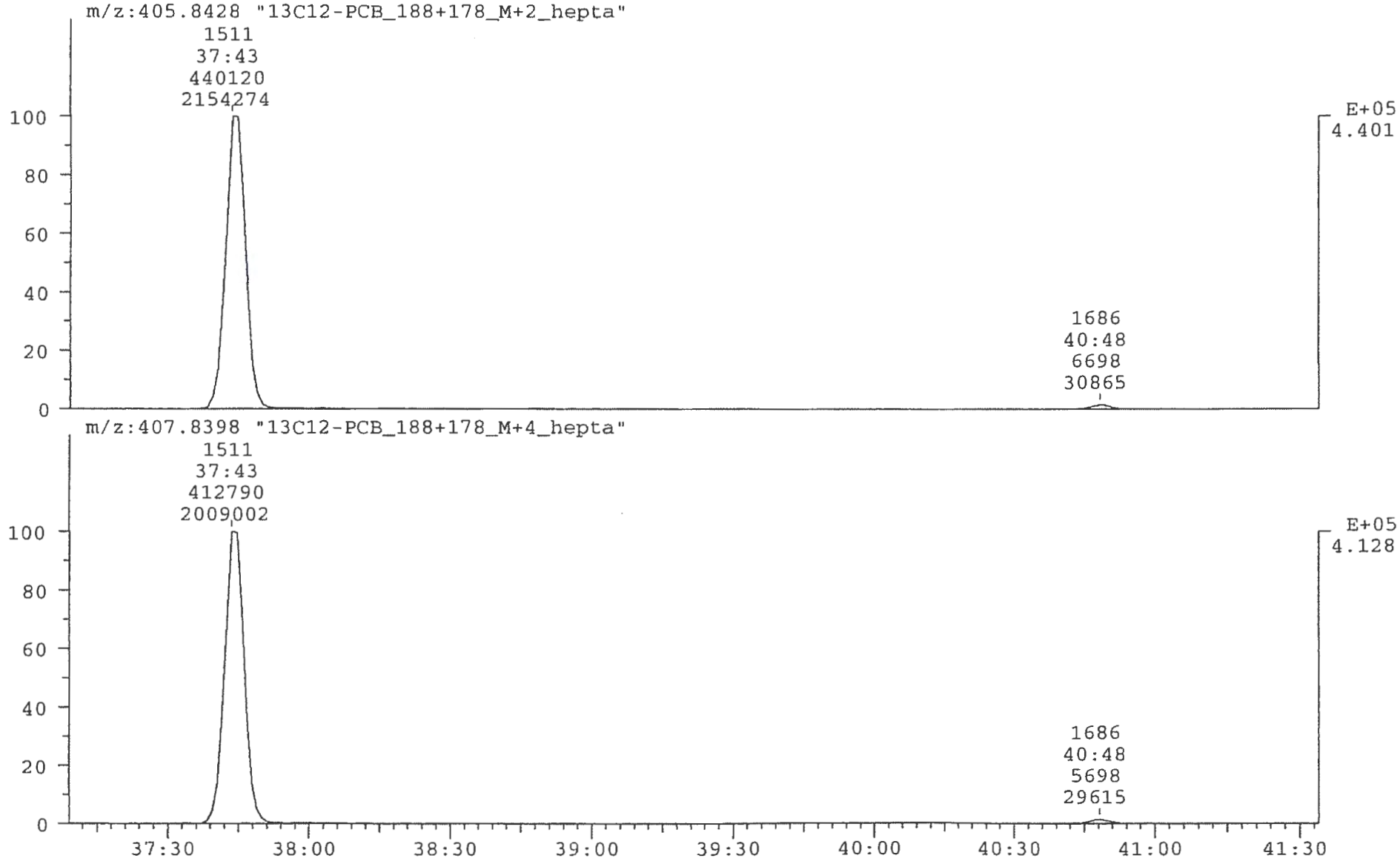
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mid/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1851 > 2111           Masses:  181 > 510
Area:  1, 2.40, 15      Baseline  :   100, 7                Label :  -3, 3.0
Disp:  Height  Area
```



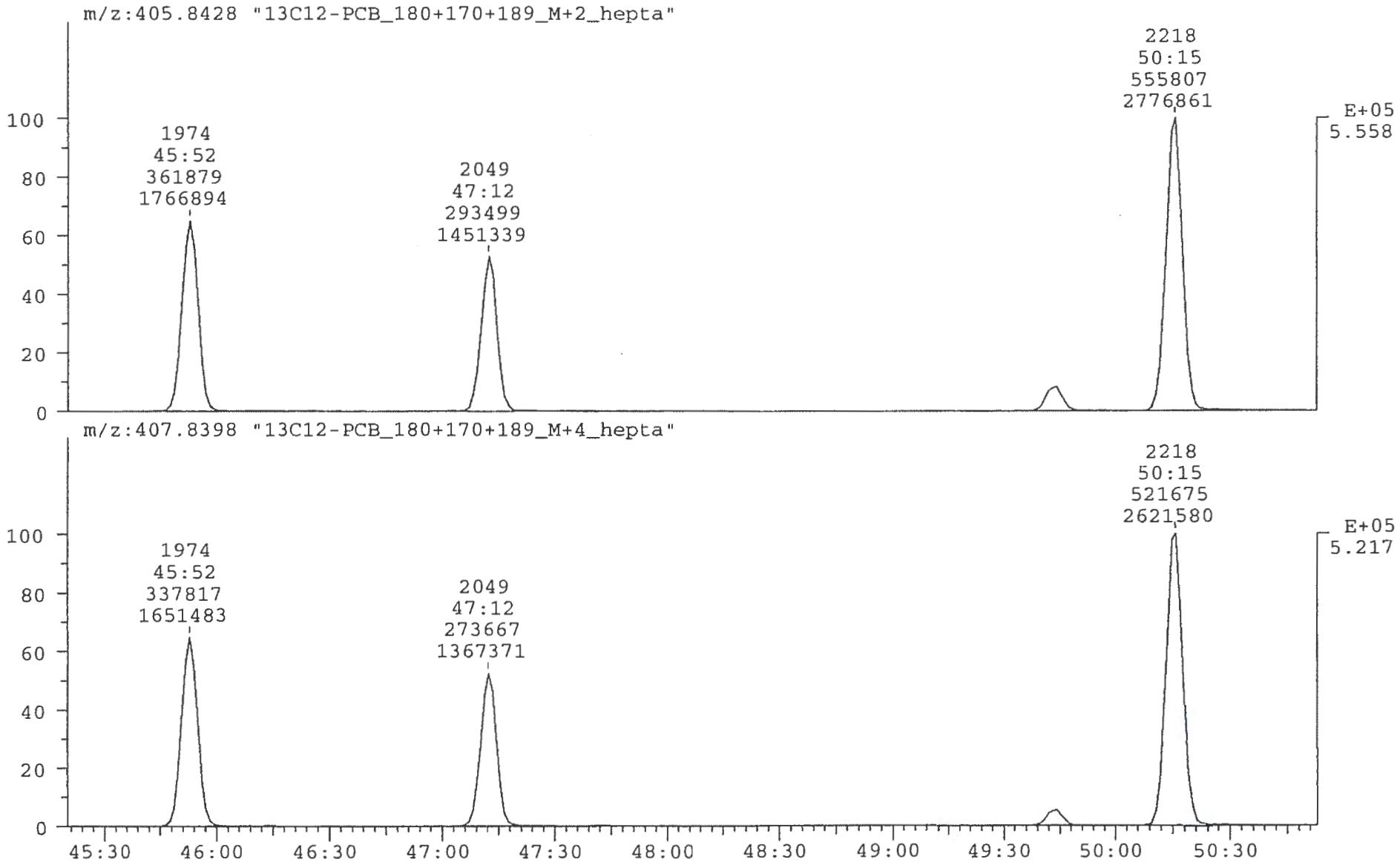
CHRO: a070313i1 13-Mar-07 Elapse: 44:05 1873
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1495 > 2246 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



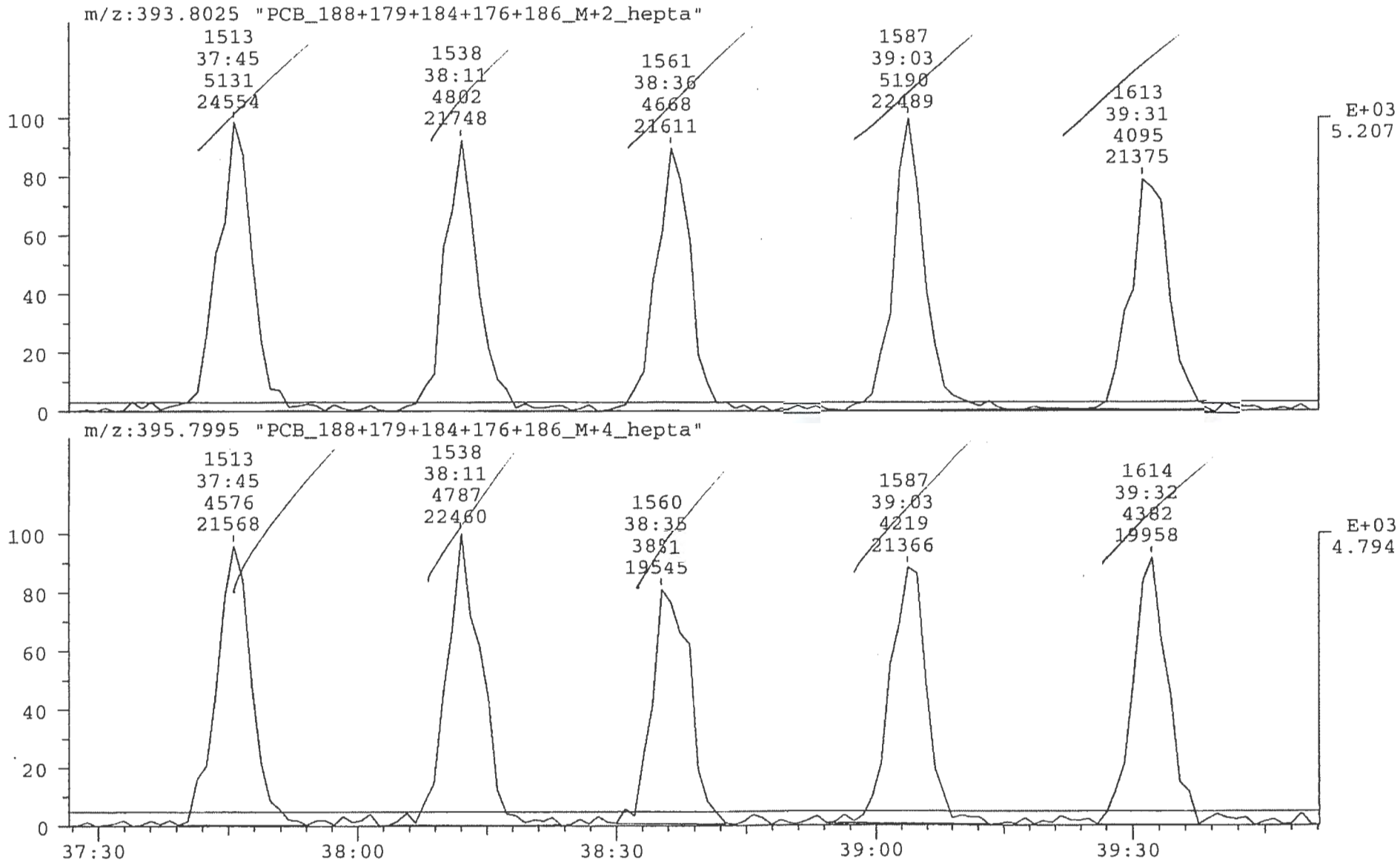
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  39:20      1603
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



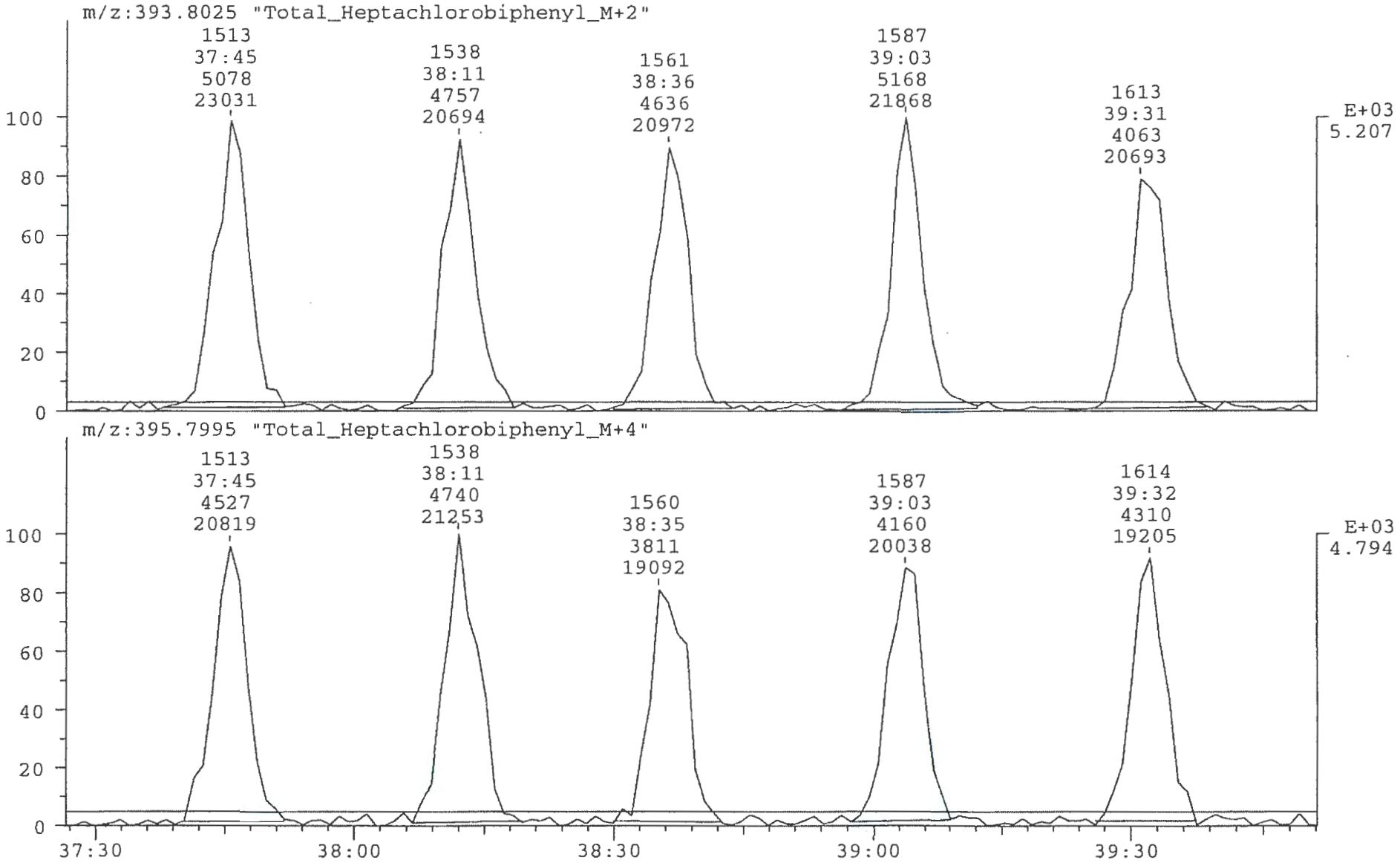
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  48:09      2103
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



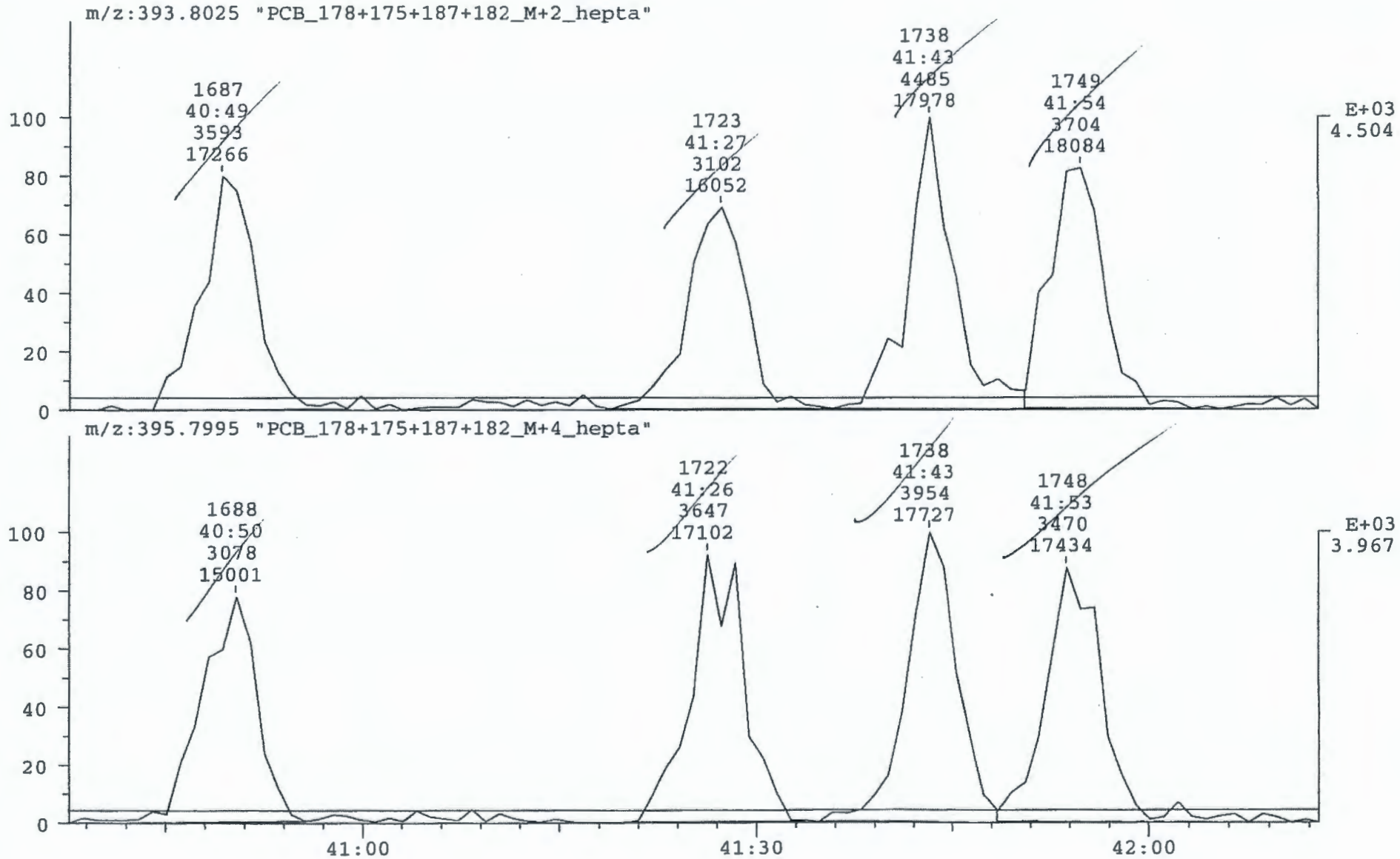
CHRO: a070313i1 13-Mar-07 Elapse: 38:42 1567
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1495 > 1632 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



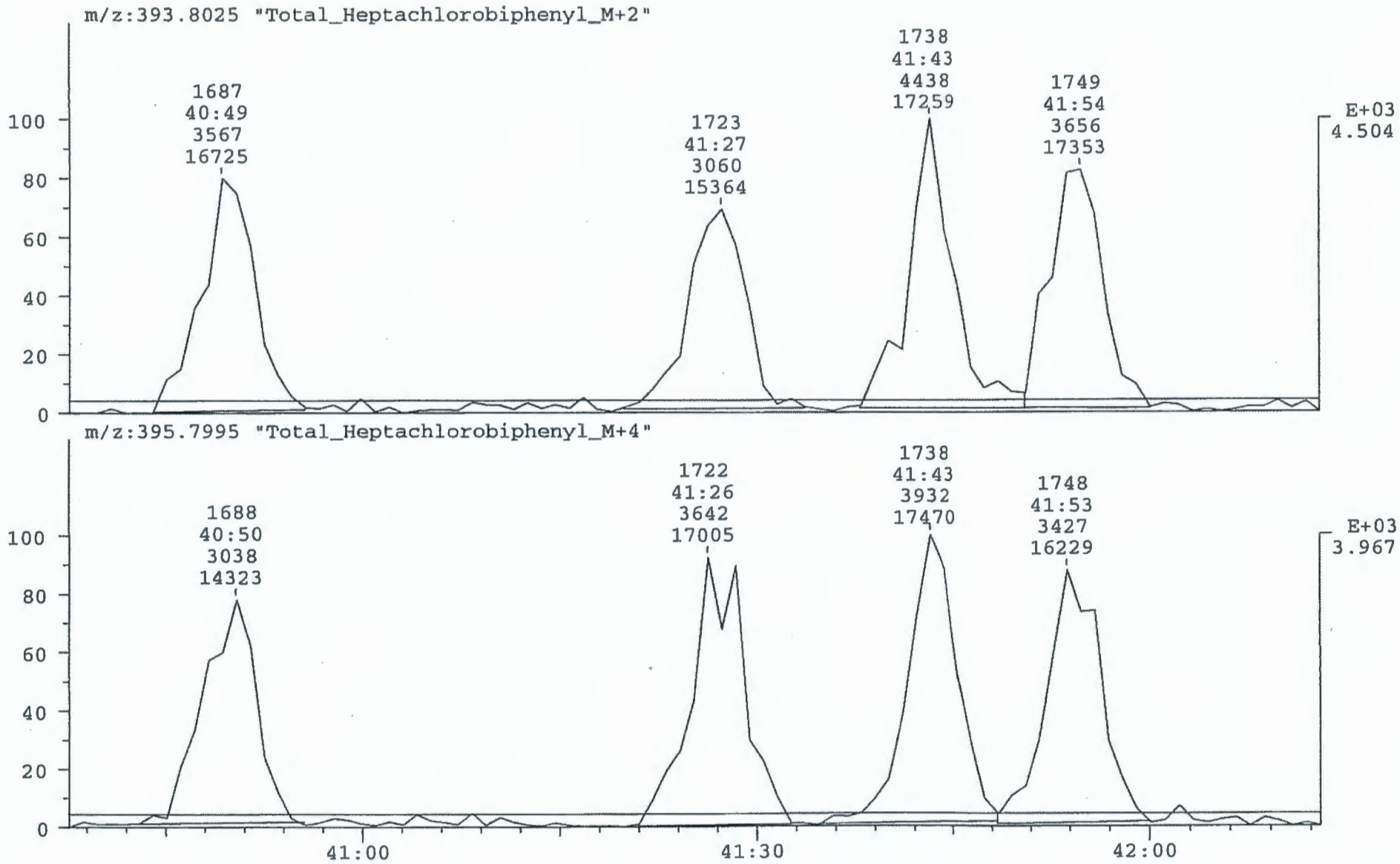
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1495 > 1632           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



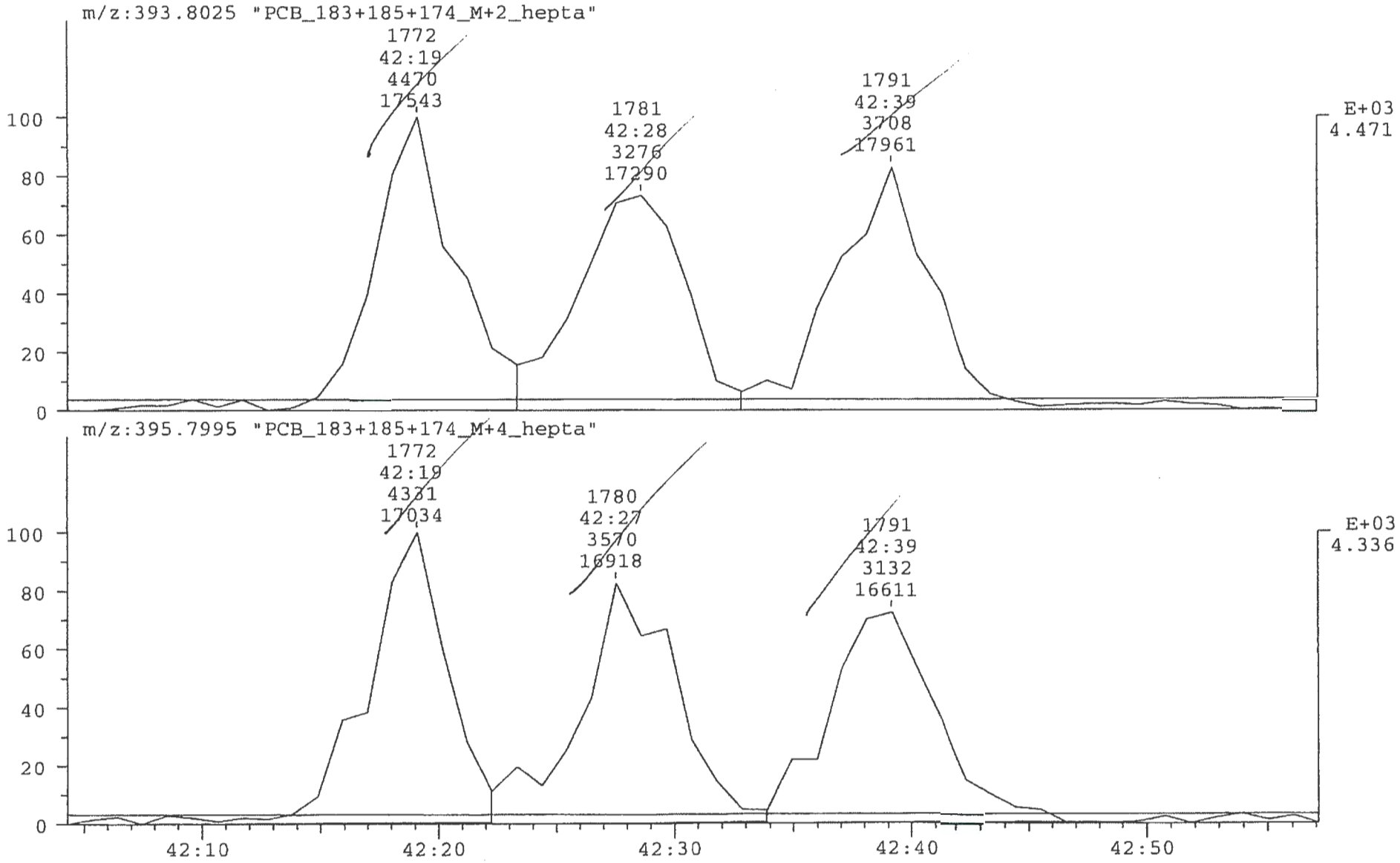
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  41:30      1726
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   4
Peak:  100.00  ppm     Label wndw:   1676 > 1766           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



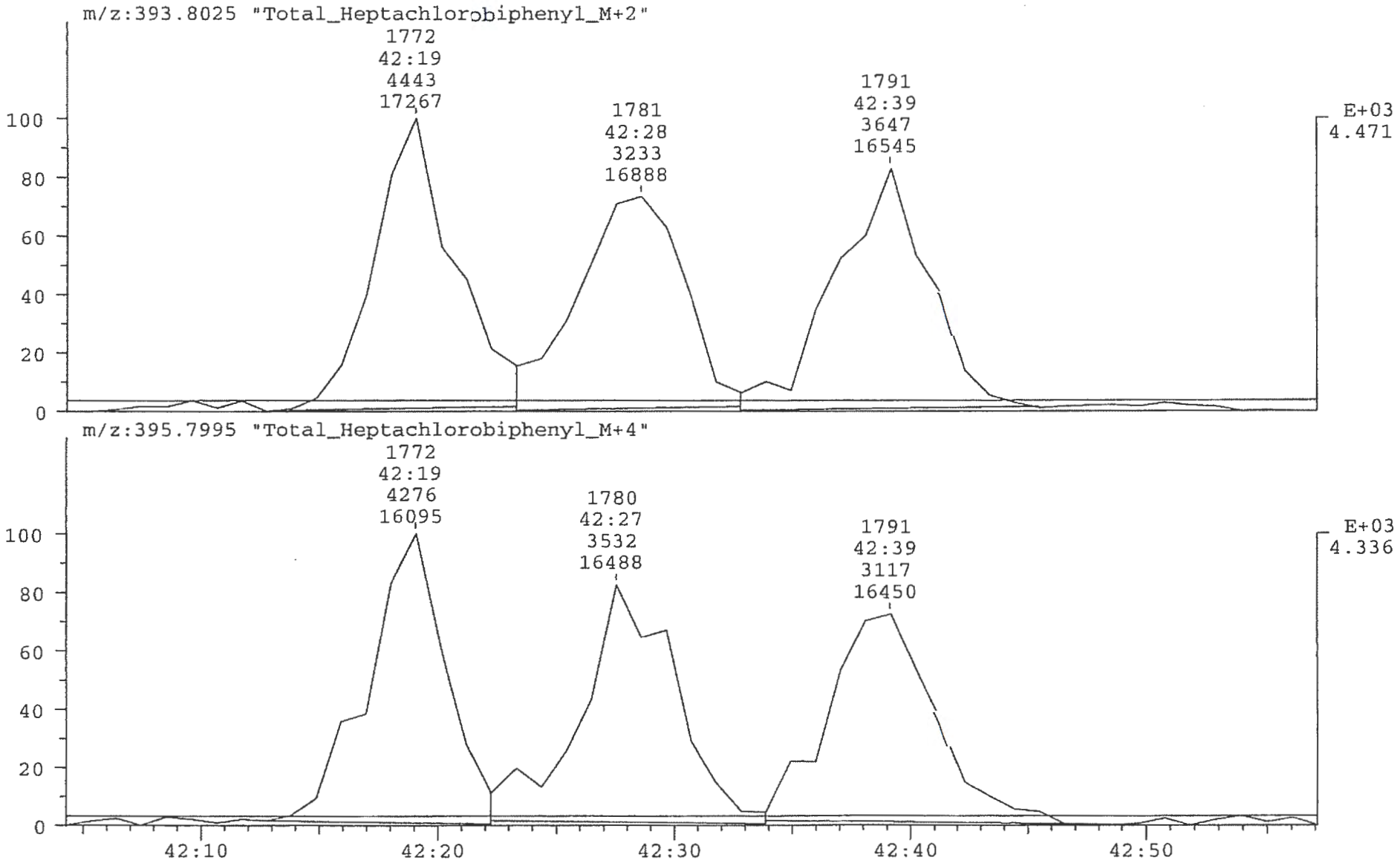
CHRO: a070313i1 13-Mar-07 Elapse: 56:12 2555
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1676 > 1766 Masses: 181 > 510
Area: 5, 2.00, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



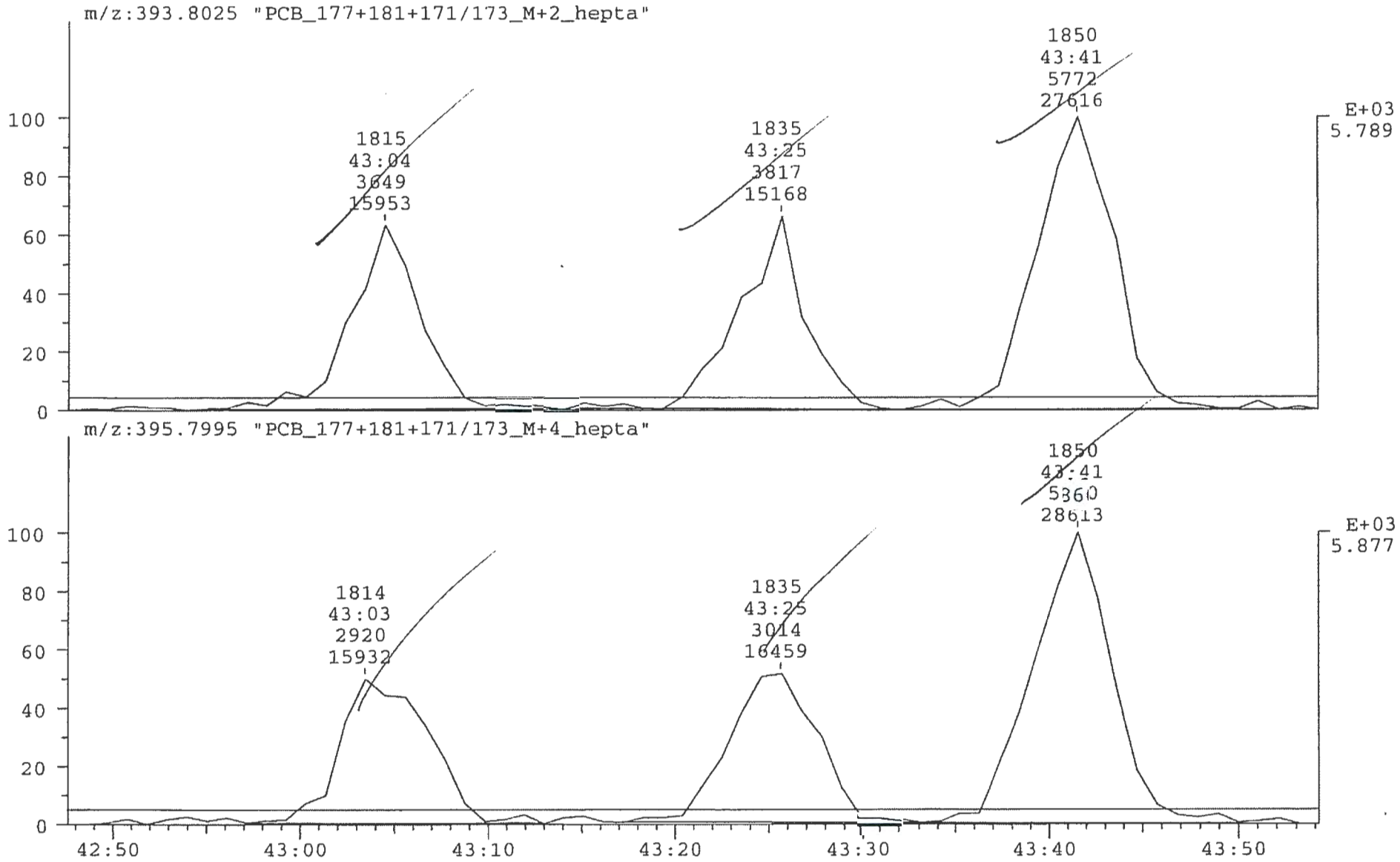
CHRO: a070313i1 13-Mar-07 Elapse: 42:41 1793
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1758 > 1808 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



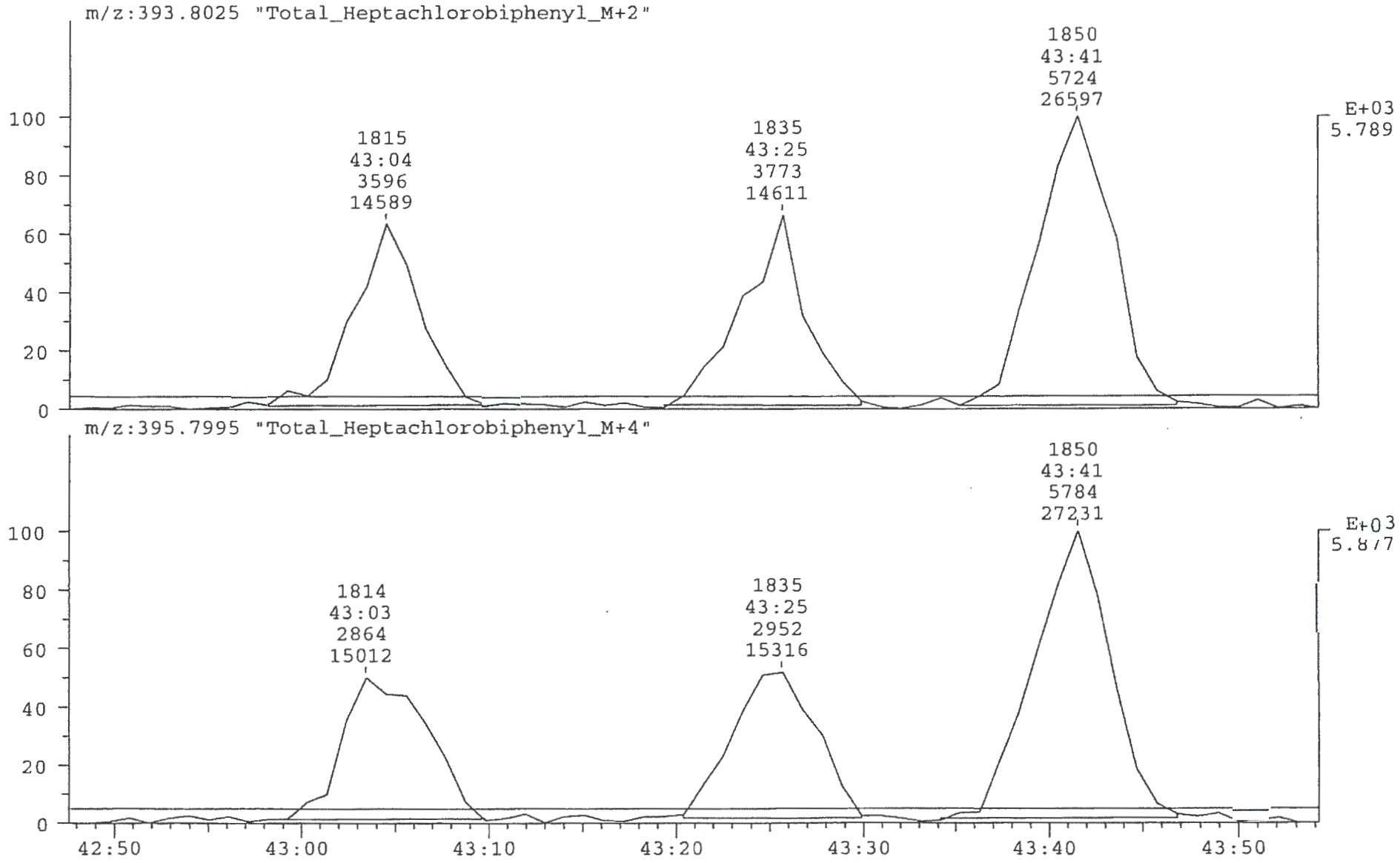
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1758 > 1808           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



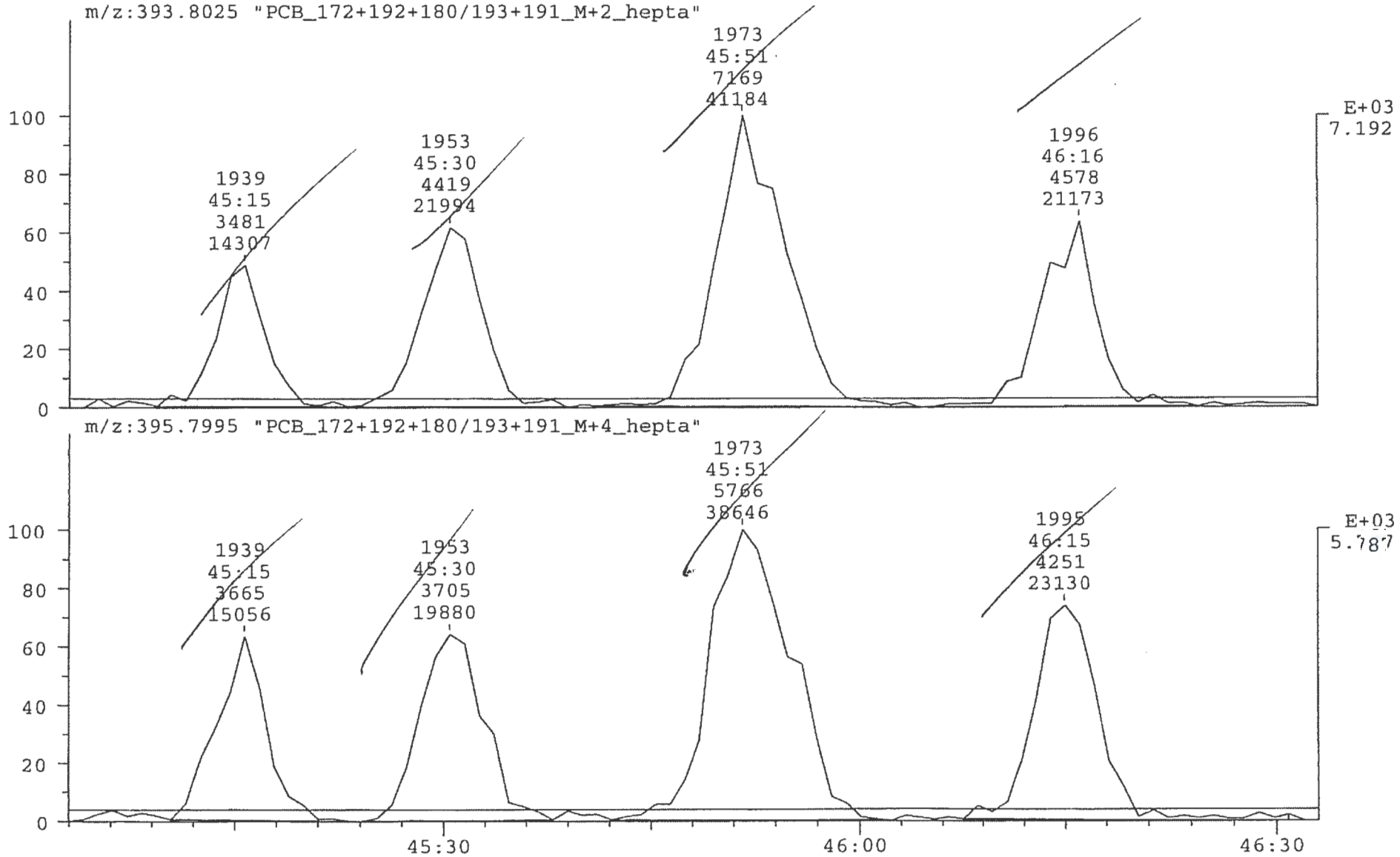
CHRO: a070313i1 13-Mar-07 Elapse: 43:27 1837
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1799 > 1862 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



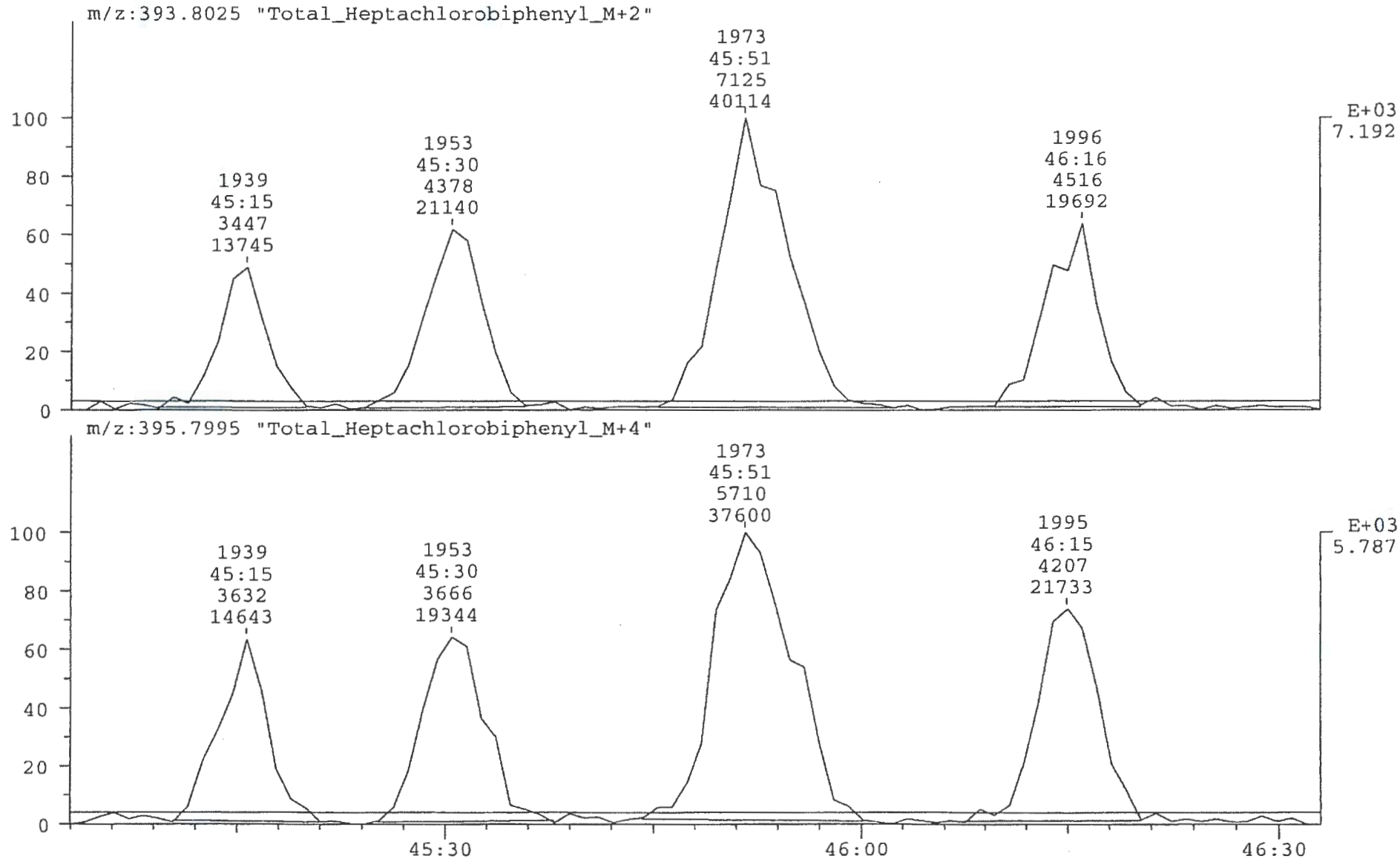
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1799 > 1862           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



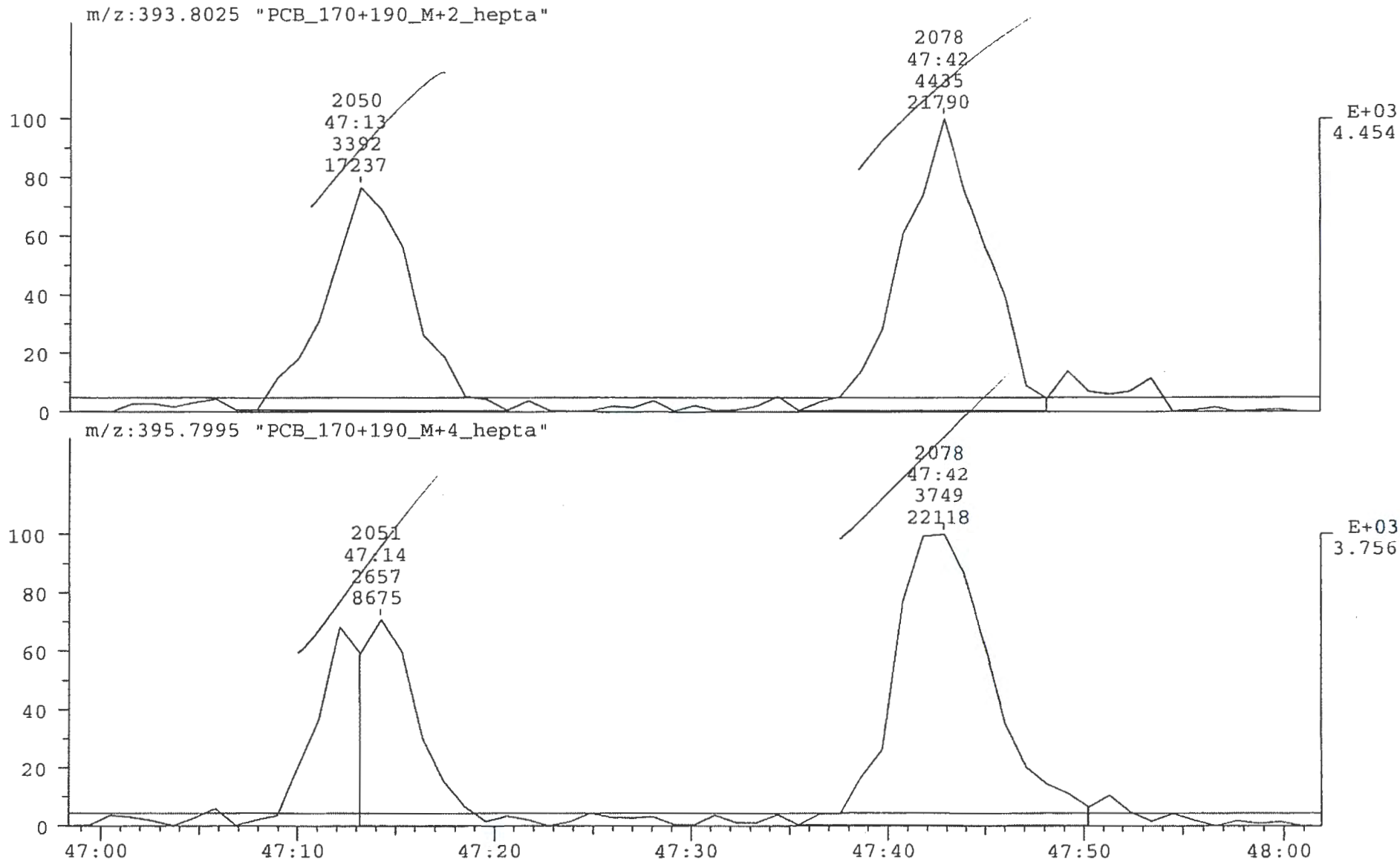
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  45:55      1977
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



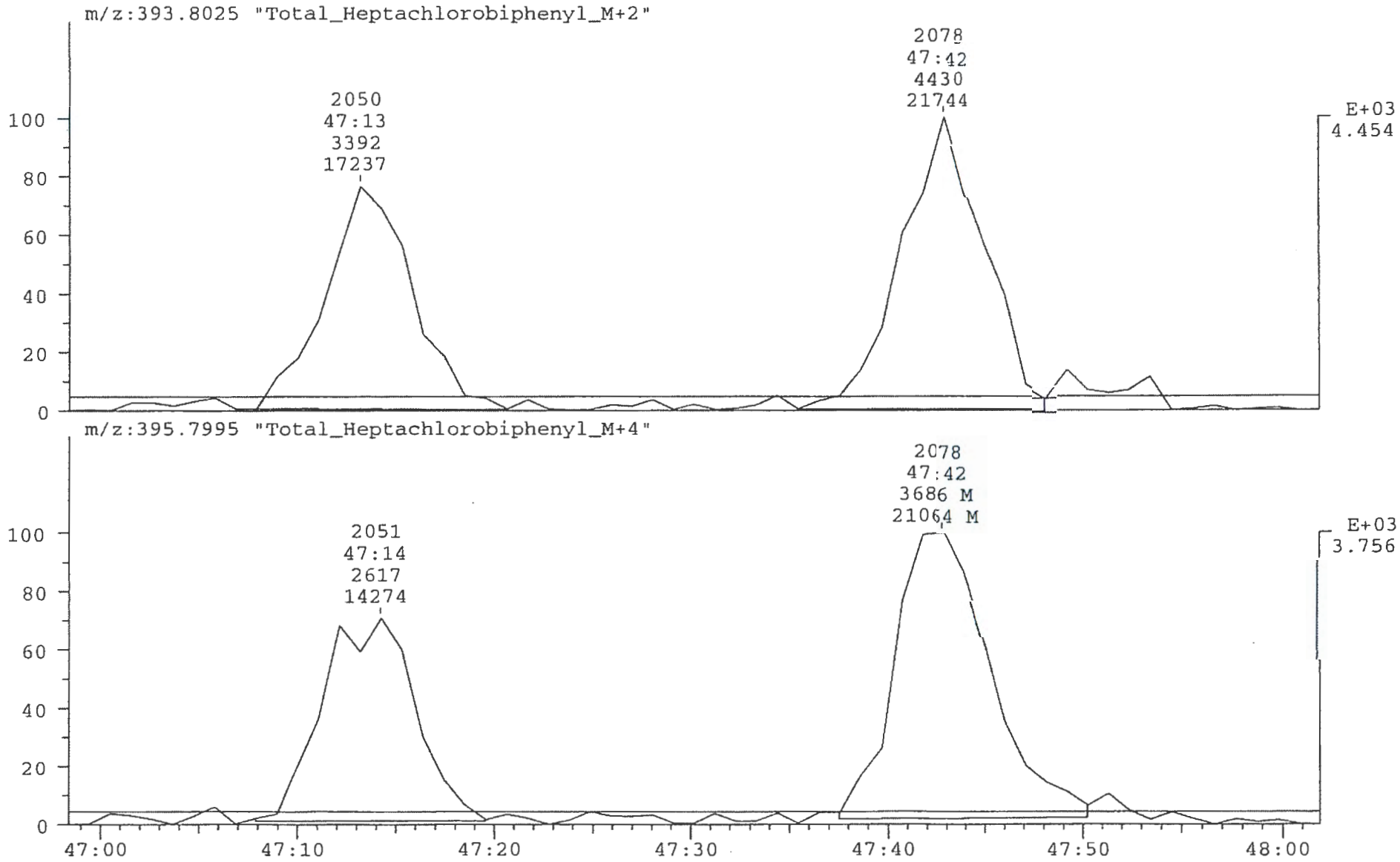
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1927 > 2012          Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



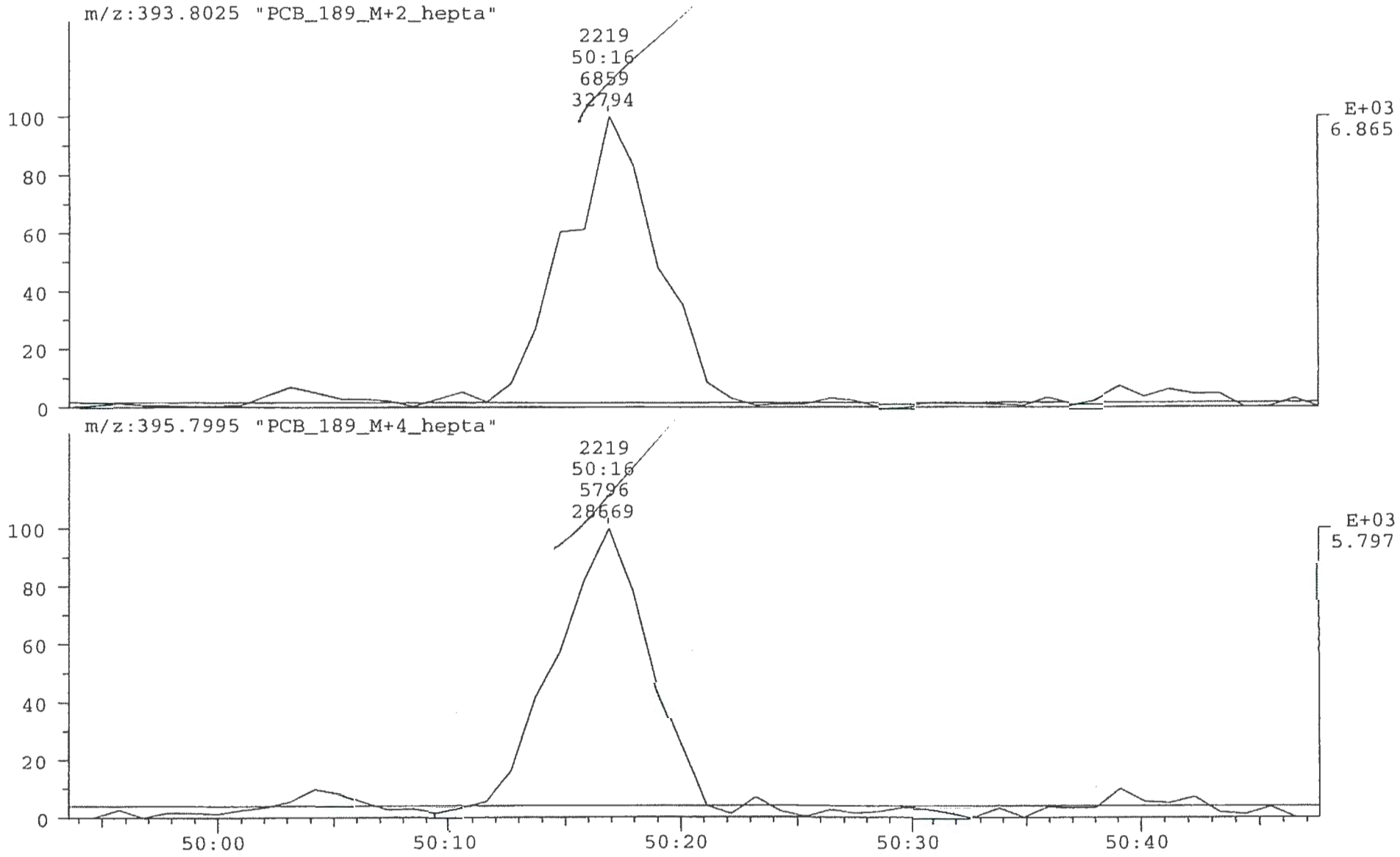
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  47:35      2071
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
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
```



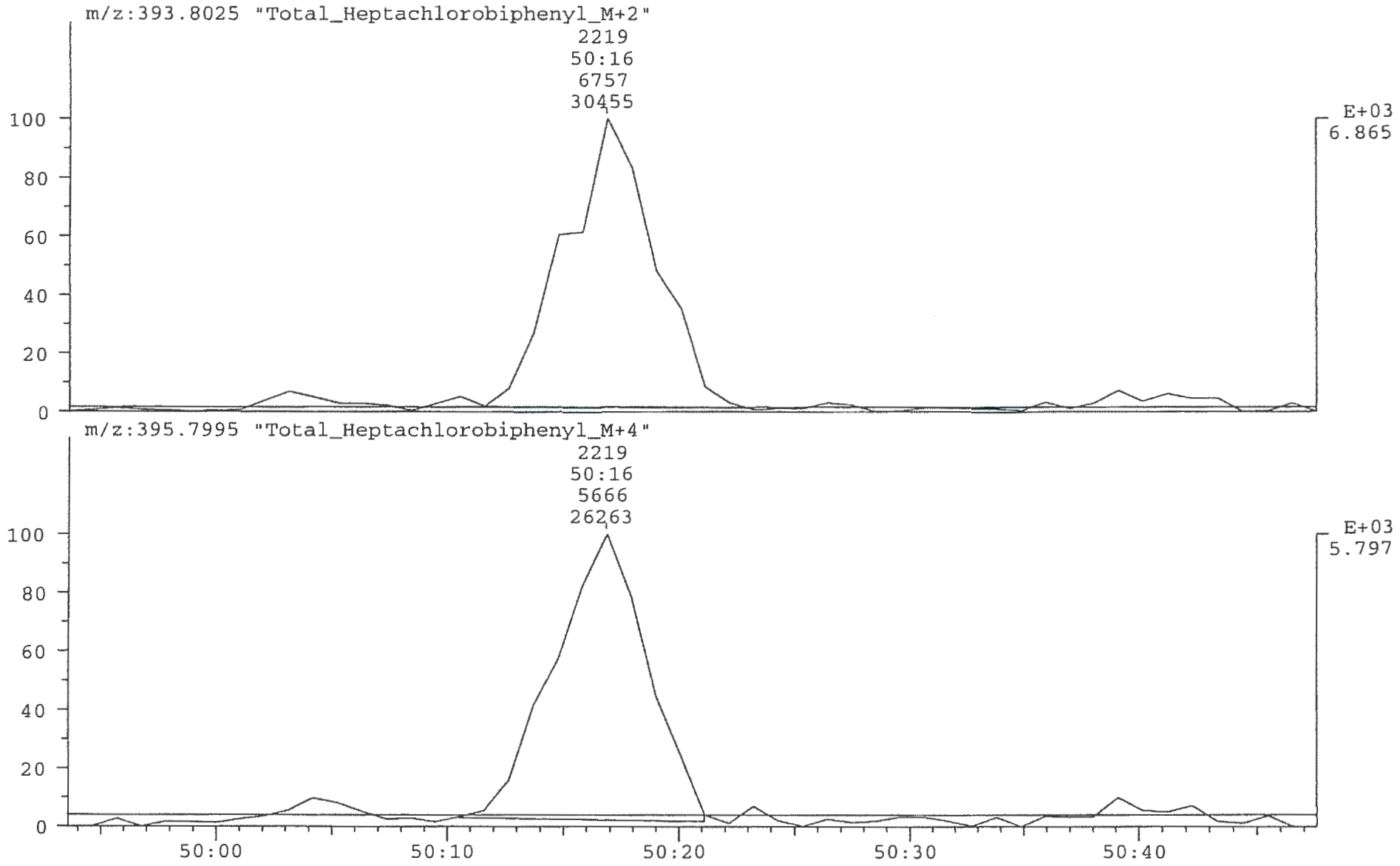
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   2036 > 2096           Masses:  181 > 510
Area:  5, 2.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



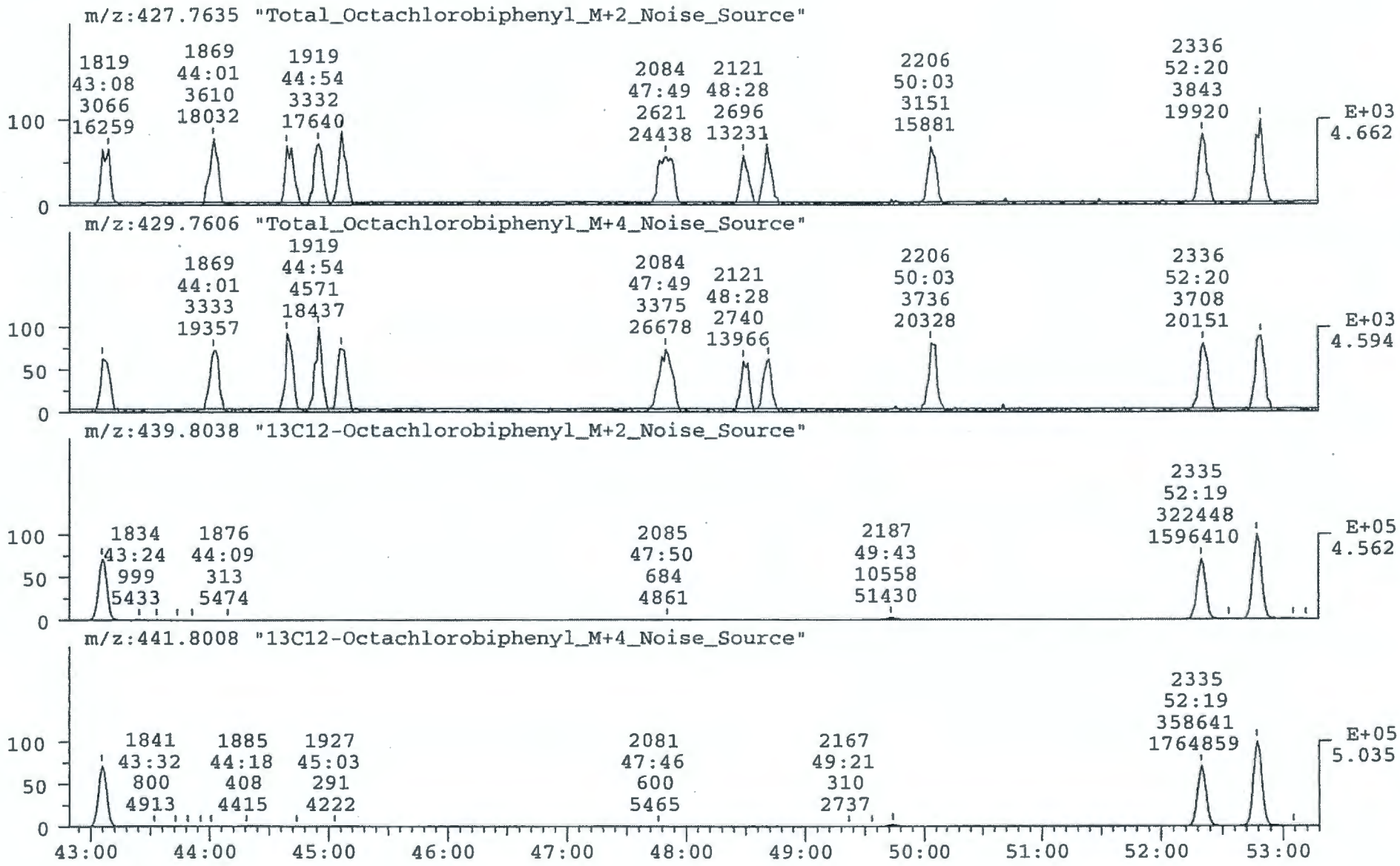
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  50:19      2221
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



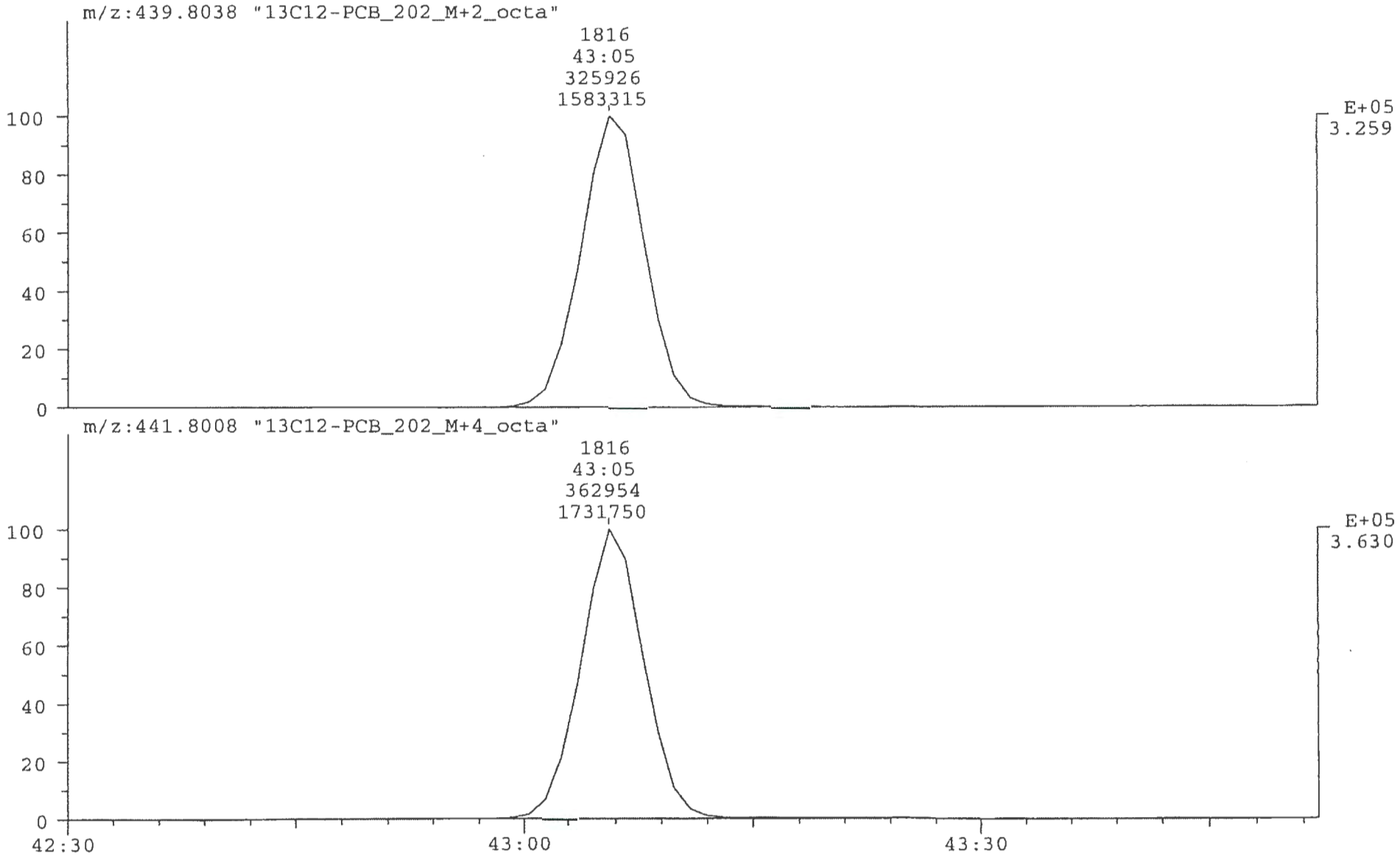
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   2197 > 2248           Masses:  181 > 510
Area:  5, 4.00, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



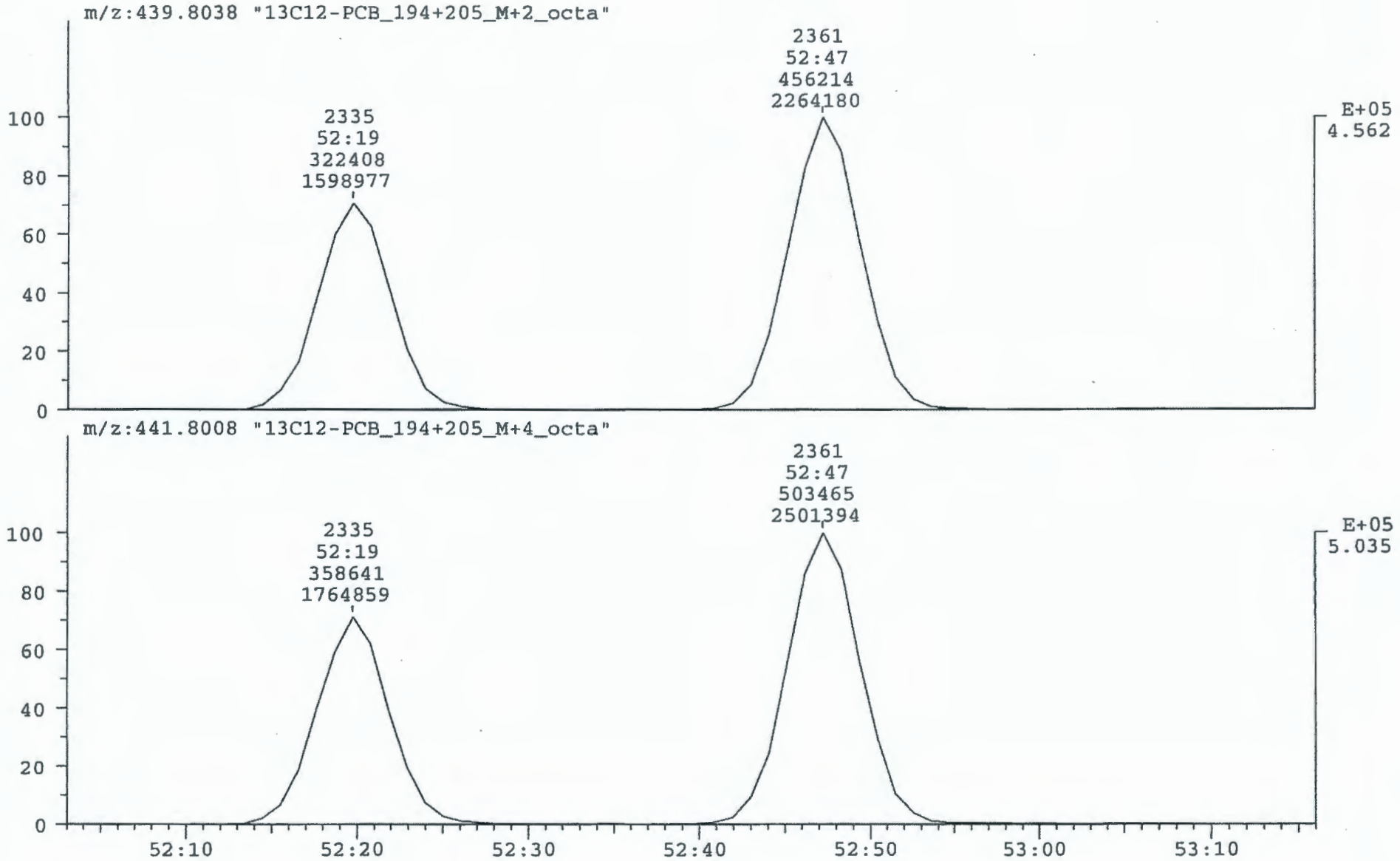
CHRO: a070313i1 13-Mar-07 Elapse: 48:02 2097
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1800 > 2390 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



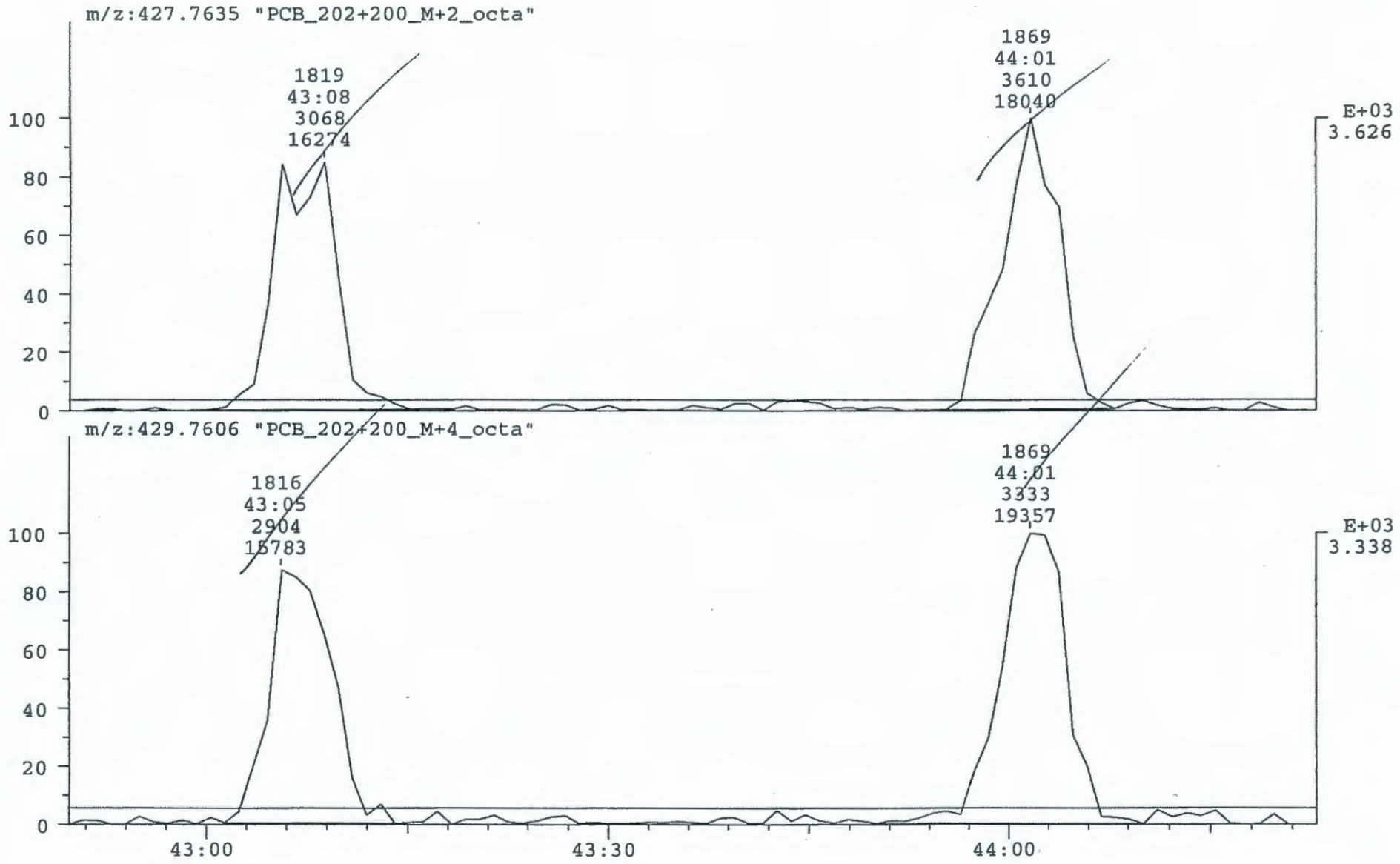
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  43:07      1818
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



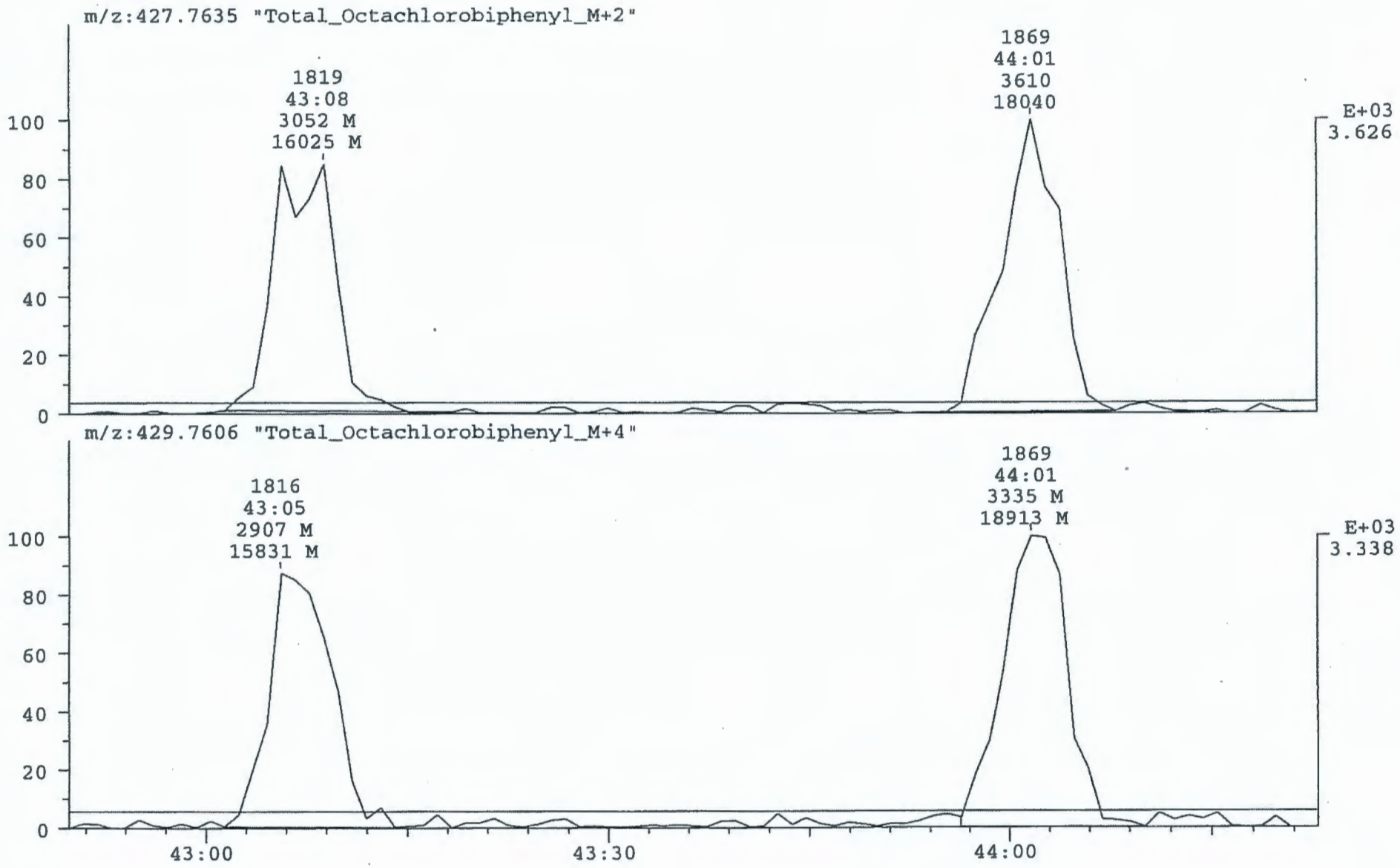
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  52:38      2353
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   2319 > 2388           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



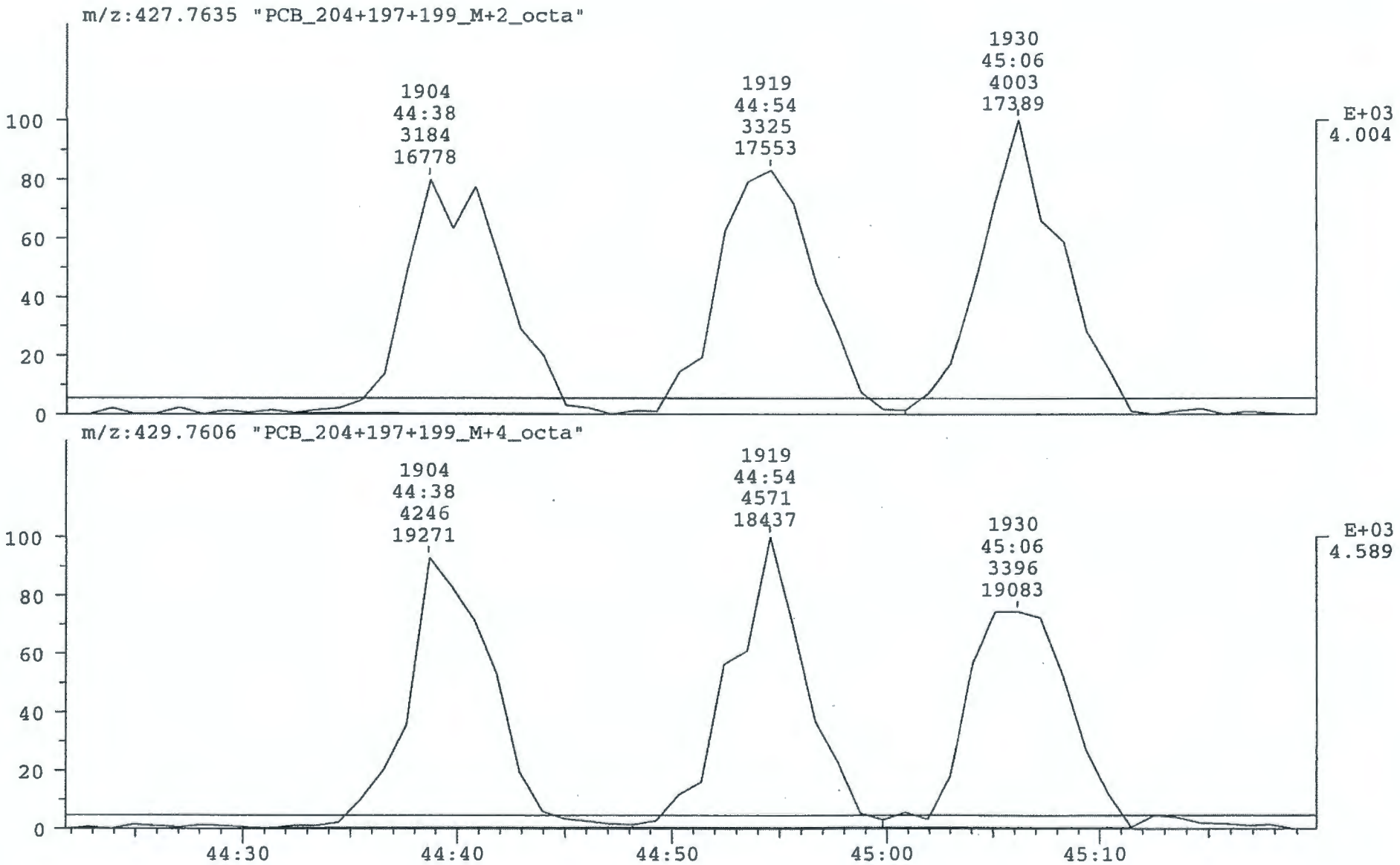
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  43:40      1849
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



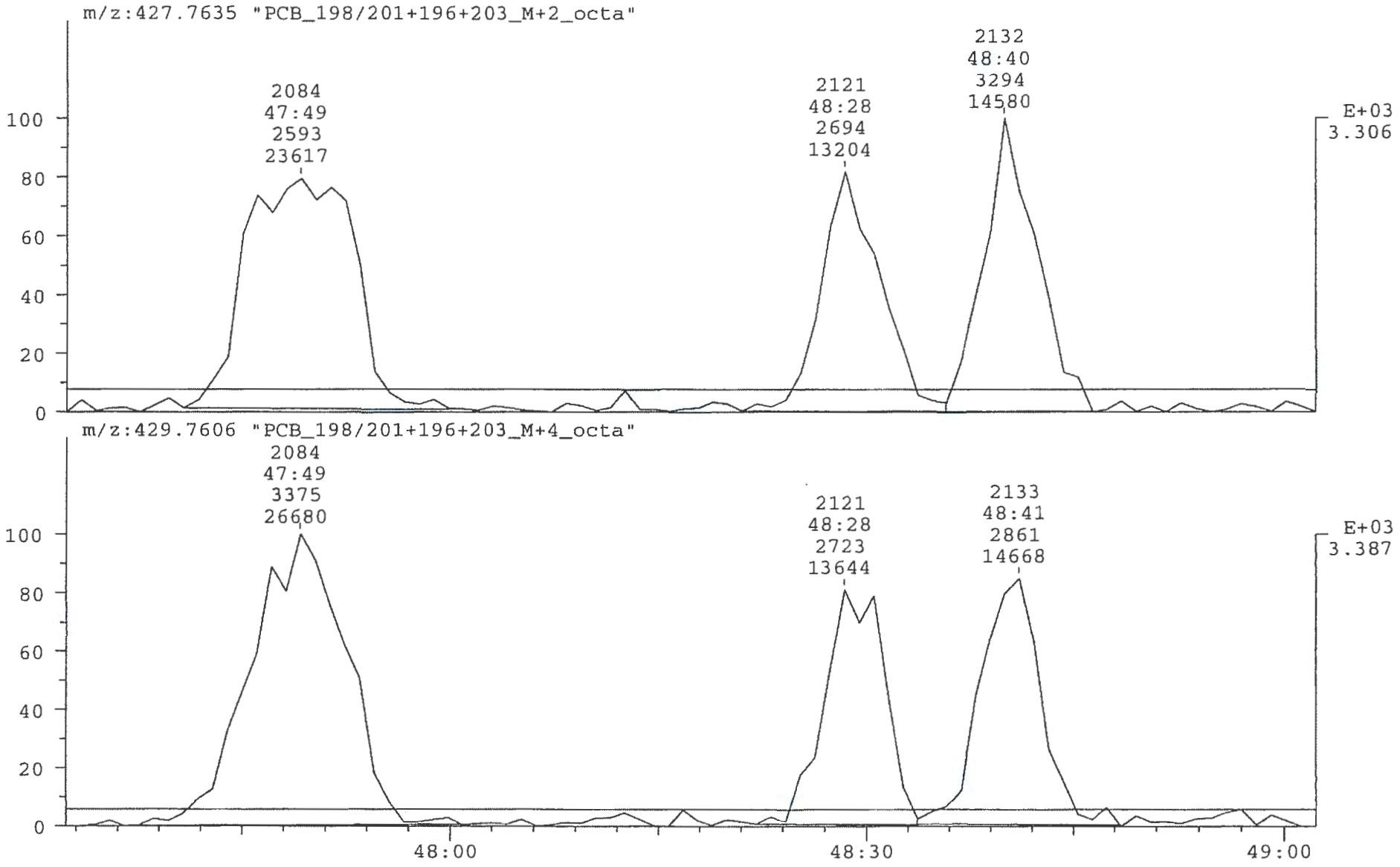
CHRO: a070313i1 13-Mar-07 Elapse: 56:12 2555
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 1801 > 1889 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



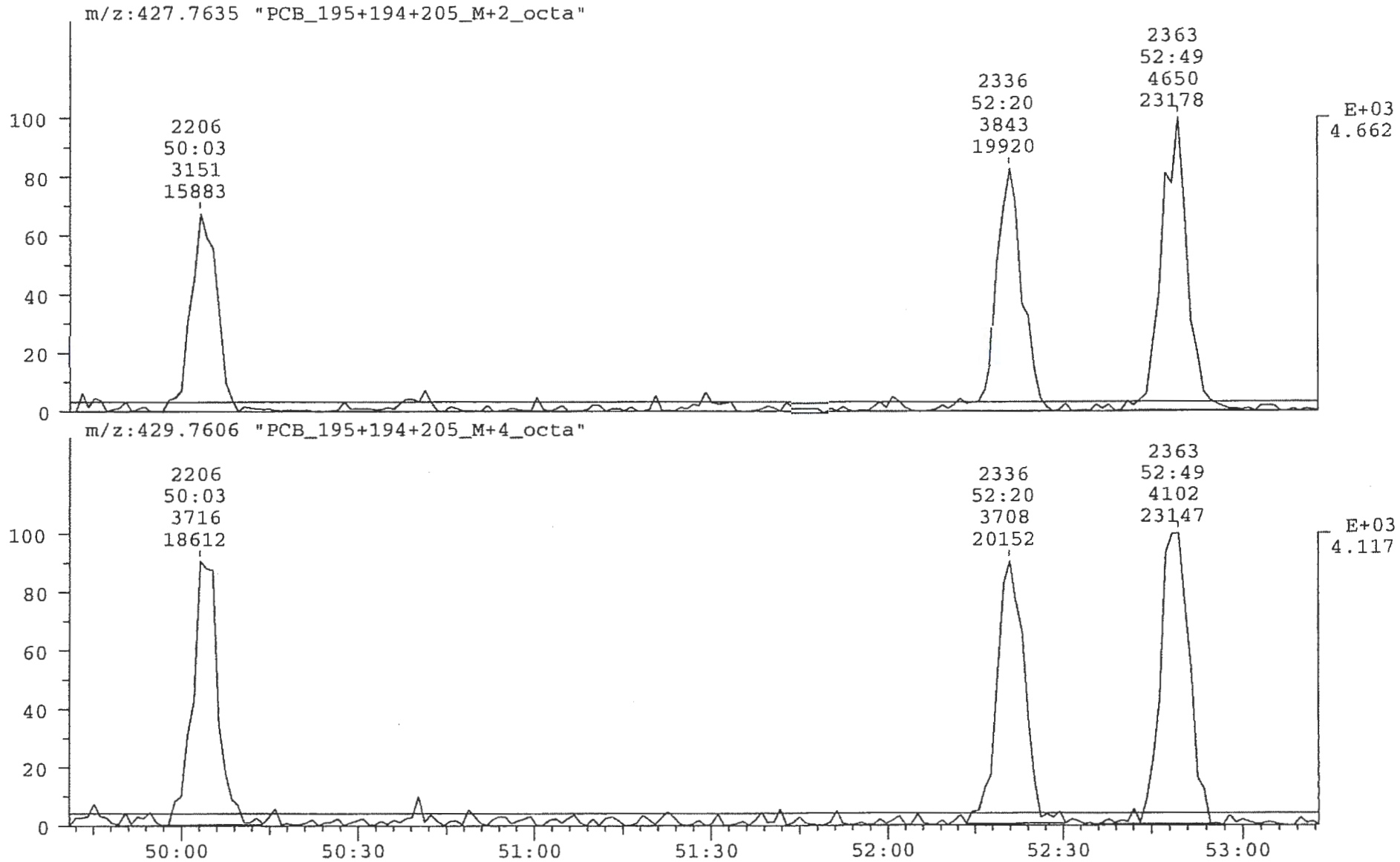
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  44:42      1908
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   4
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
```



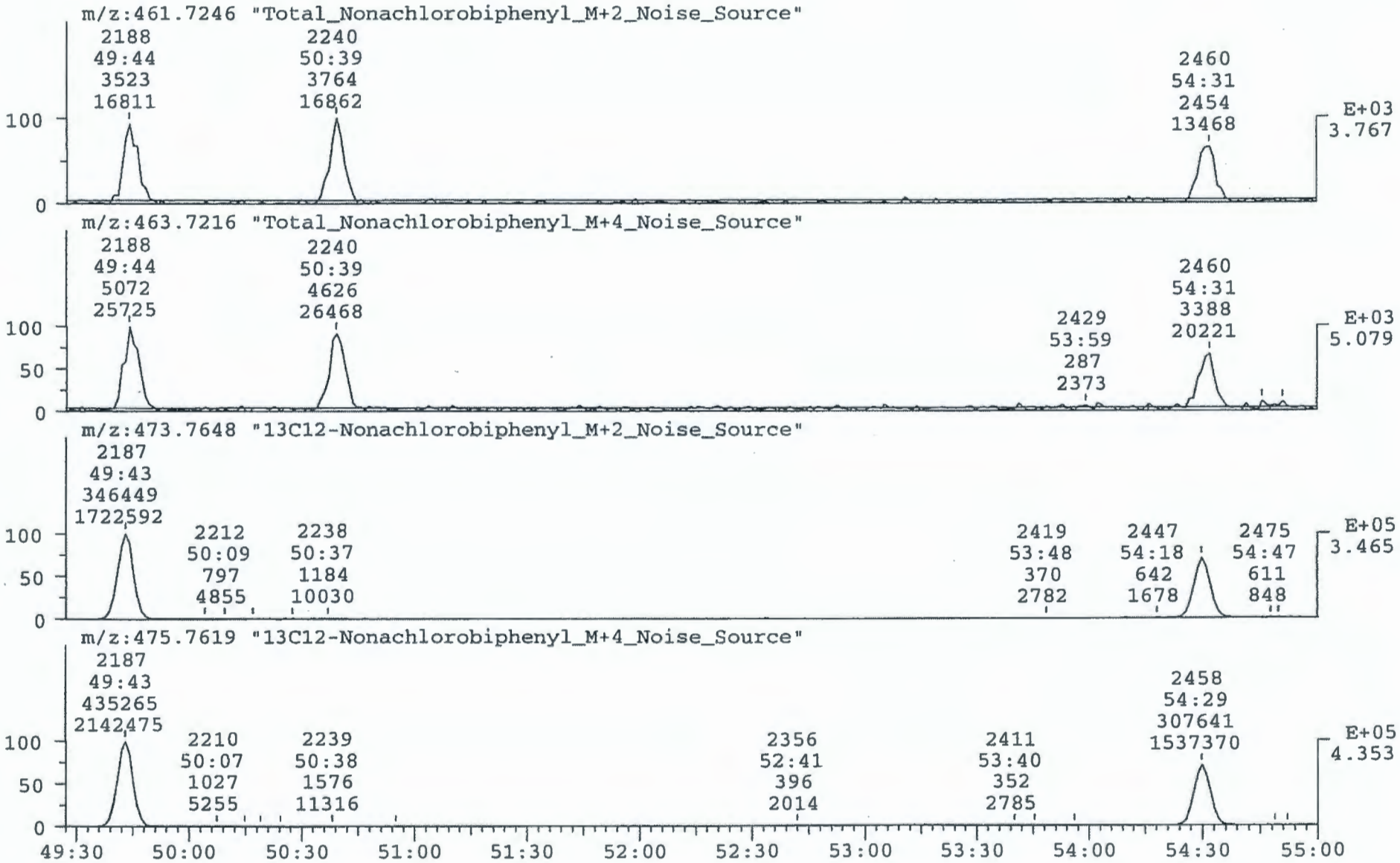
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  48:32      2125
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



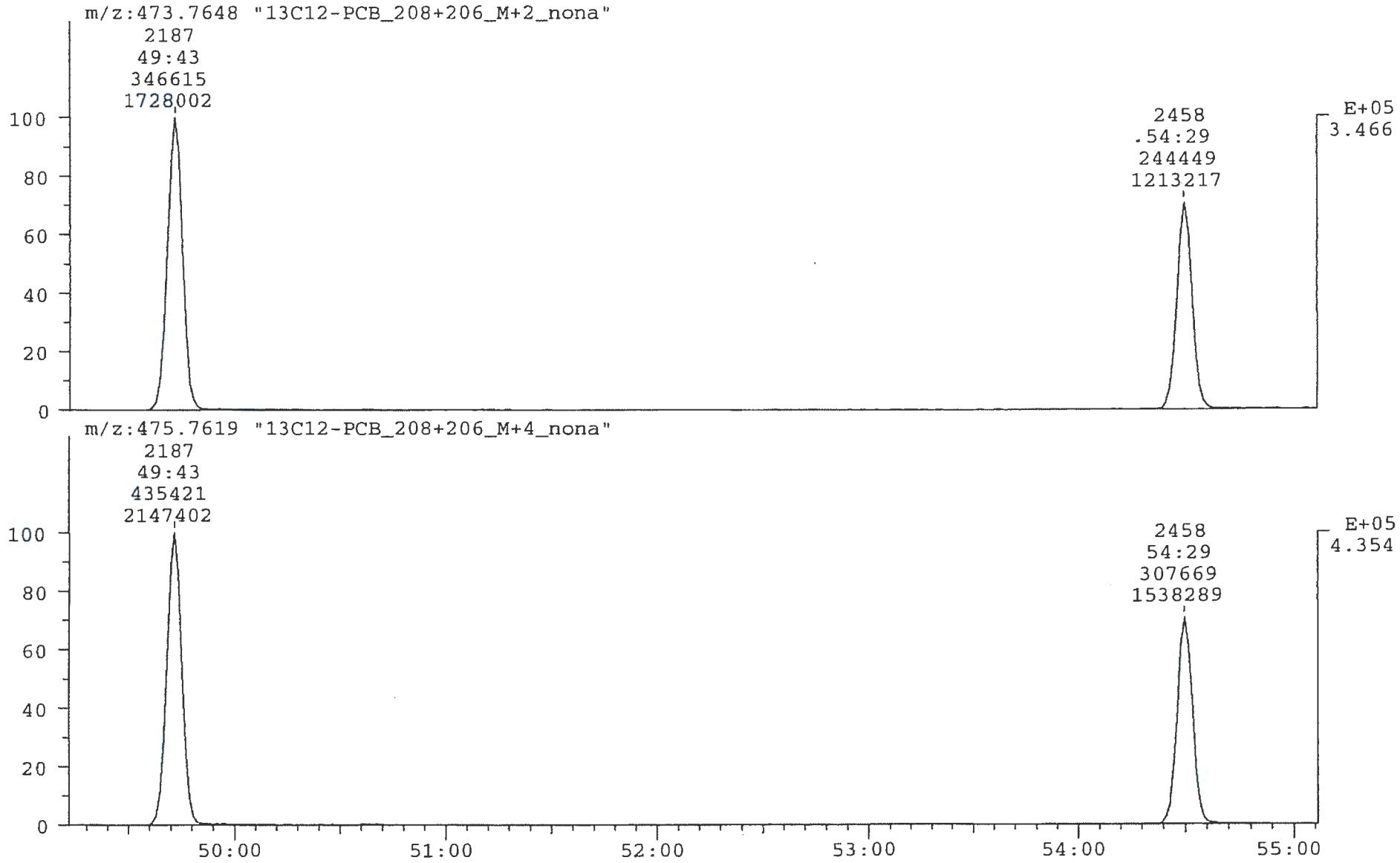
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  52:25      2340
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  4
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
```



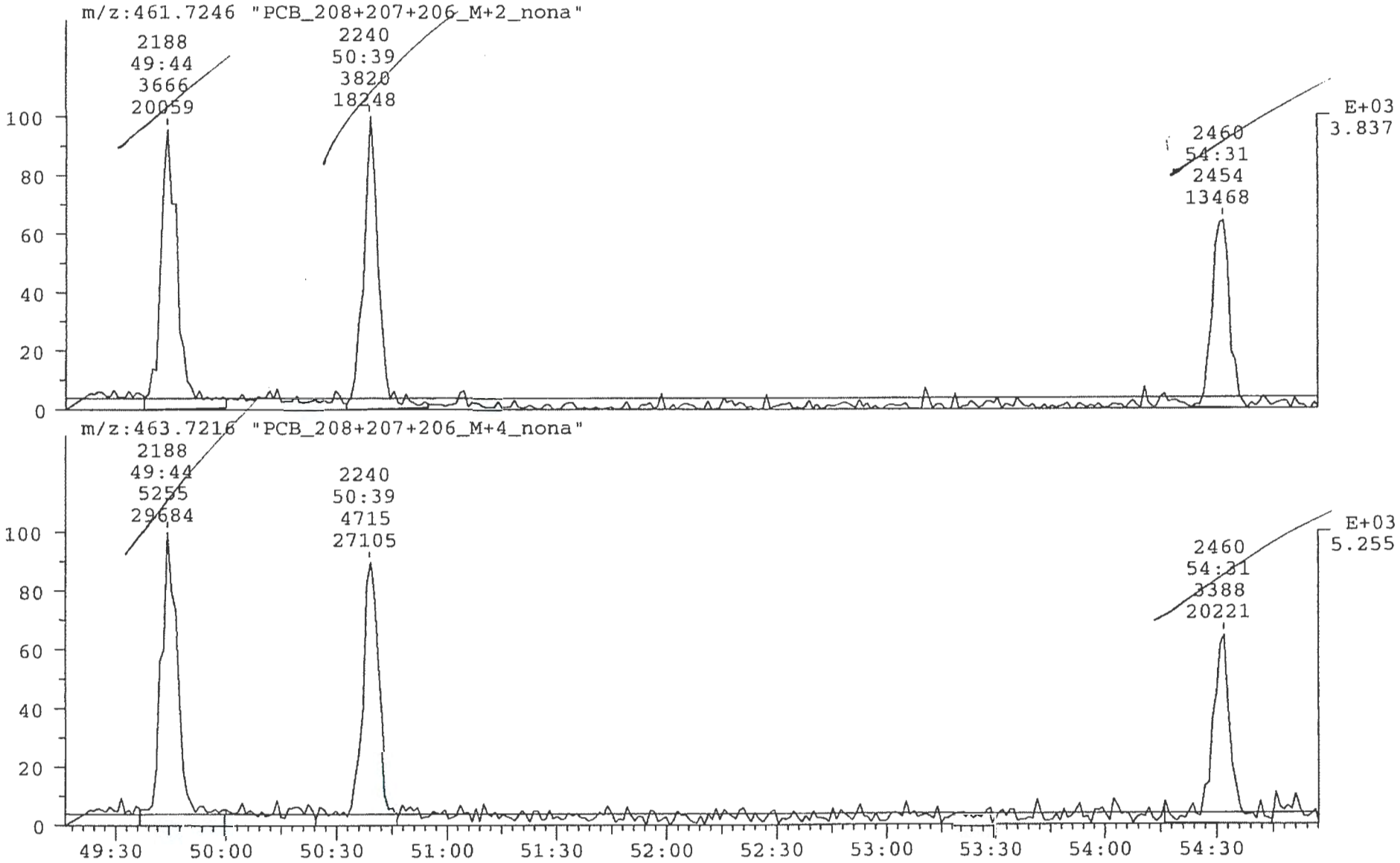
CHRO: a070313i1 13-Mar-07 Elapse: 52:13 2329
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 2172 > 2487 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



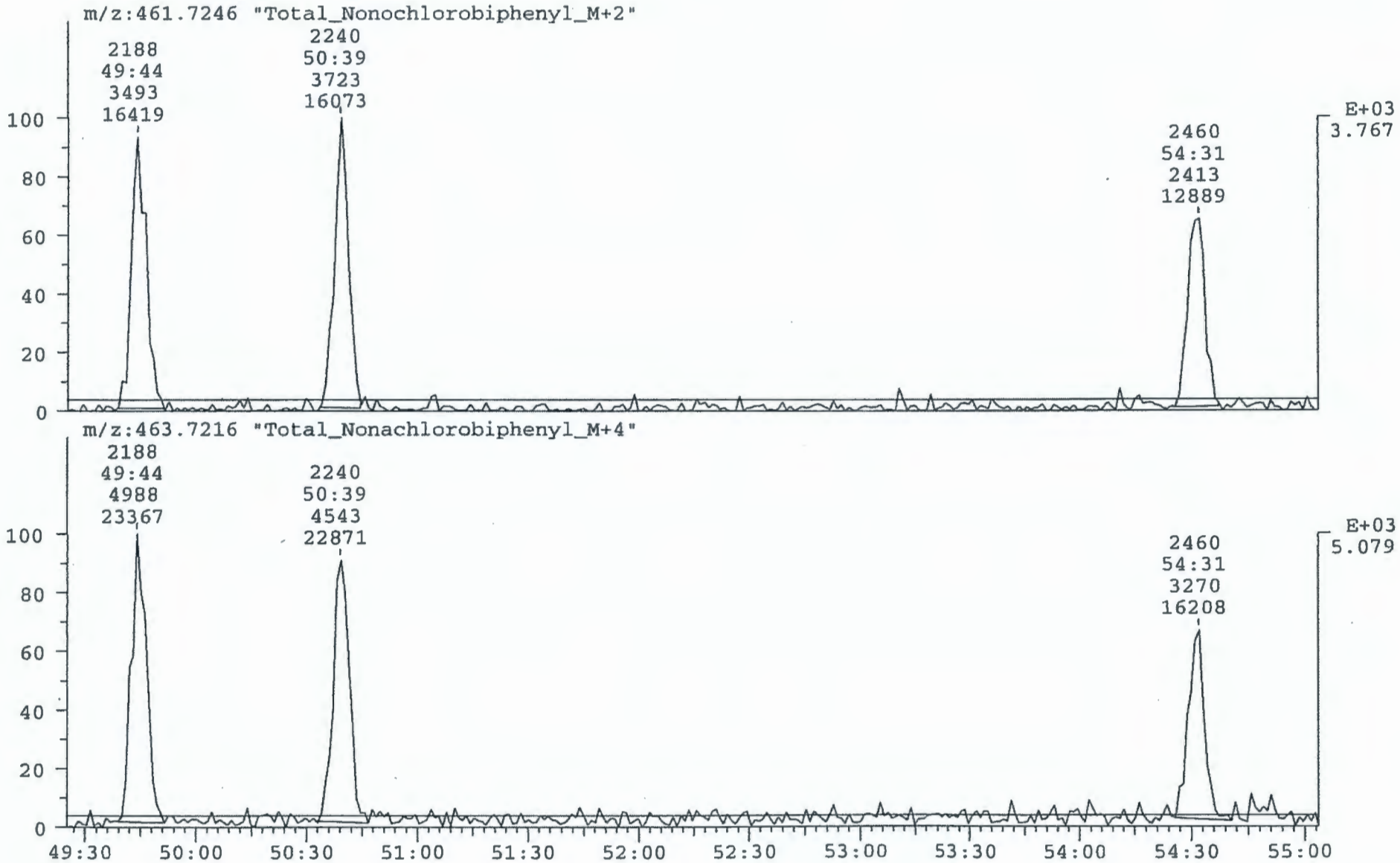
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  52:12      2328
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



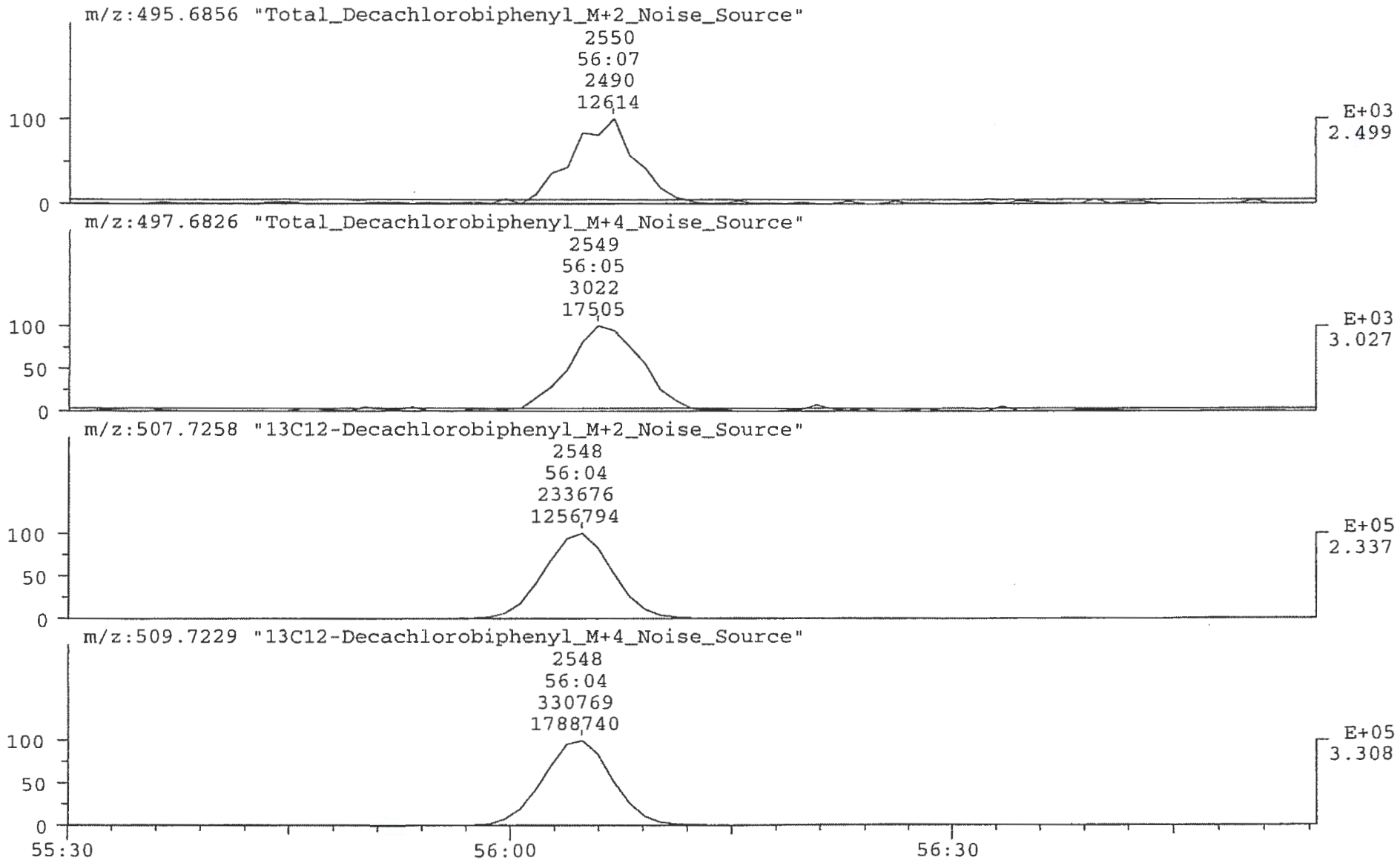
CHRO: a070313i1 13-Mar-07 Elapse: 52:13 2329
Samp: Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1 Start : 18:44:14 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS1
Oper: DCG Client: STL Knoxville Inlet : GC Vial 4
Peak: 100.00 ppm Label wndw: 2166 > 2484 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



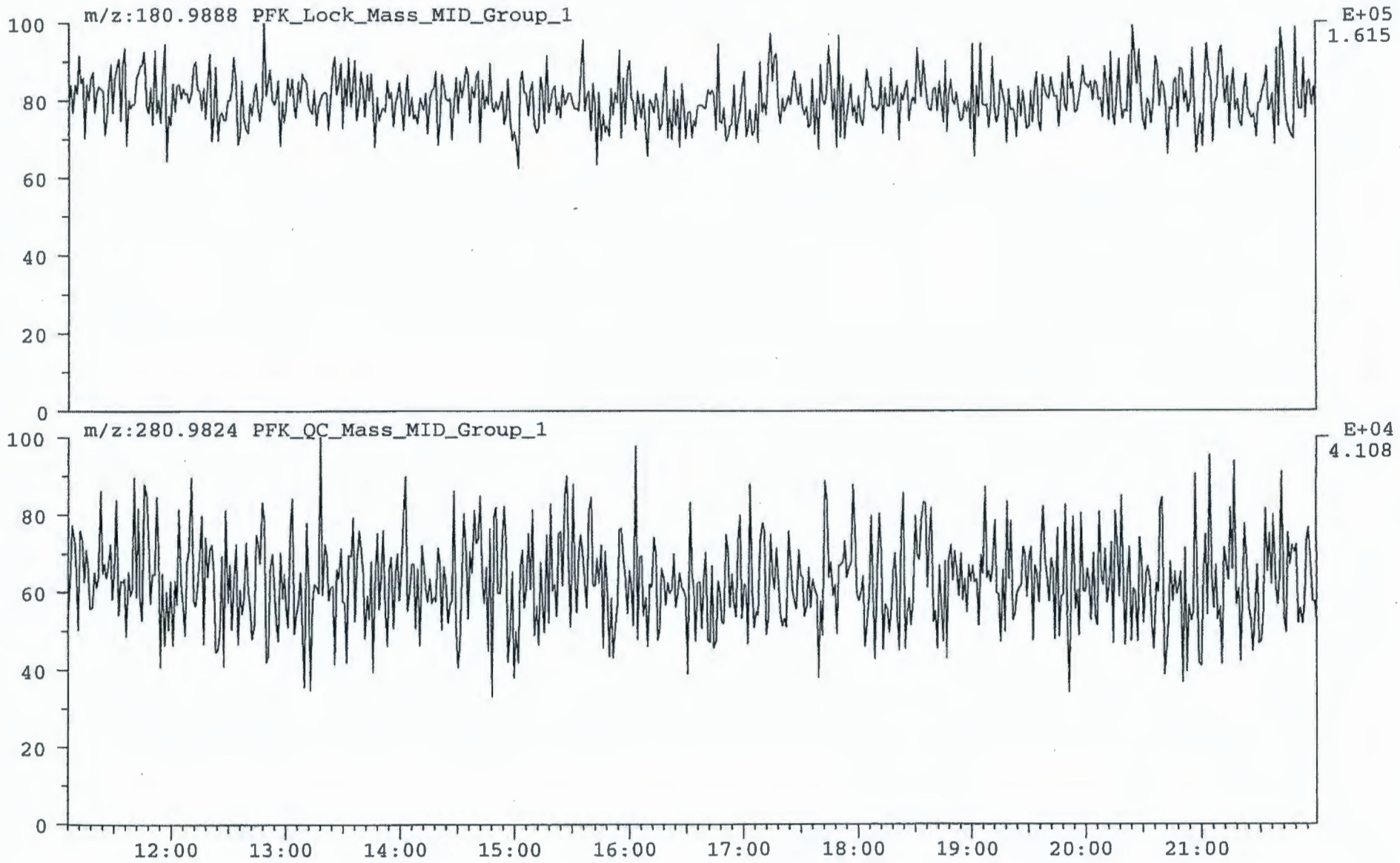
```
CHRO:  a070313i1                                13-Mar-07  Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                 Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   2170 > 2490          Masses:  181 > 510
Area:  5, 2.40, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



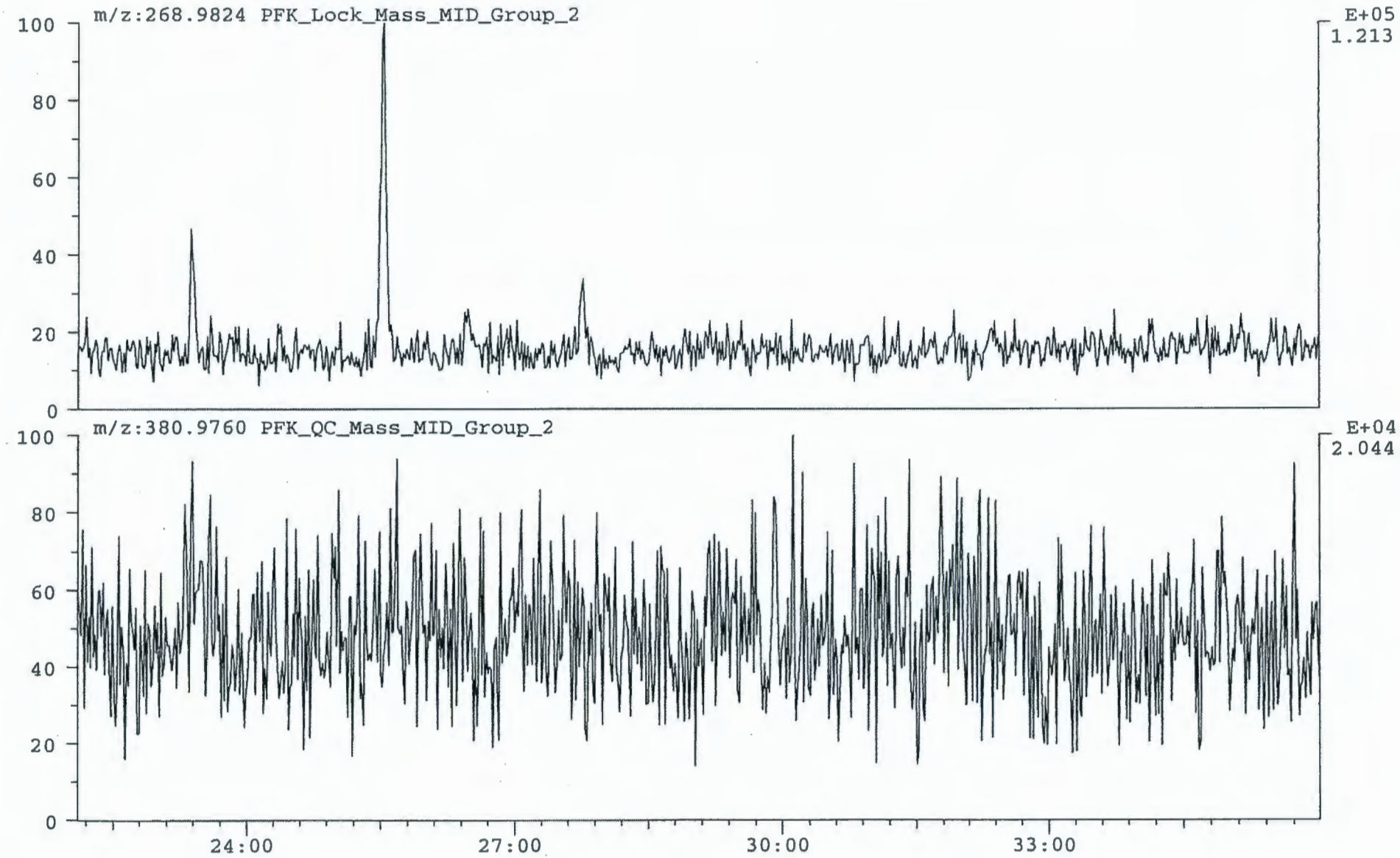
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



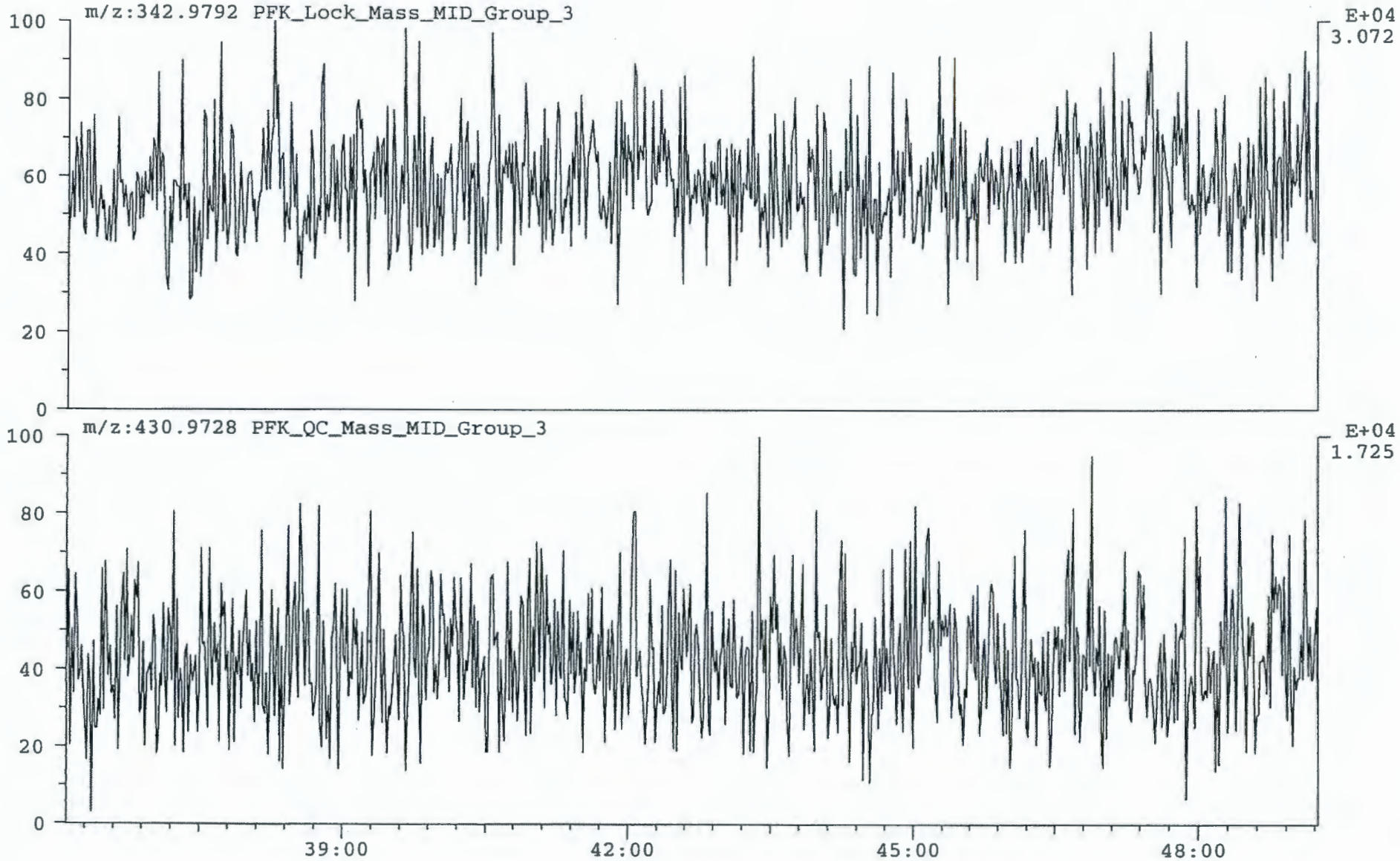
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
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
```



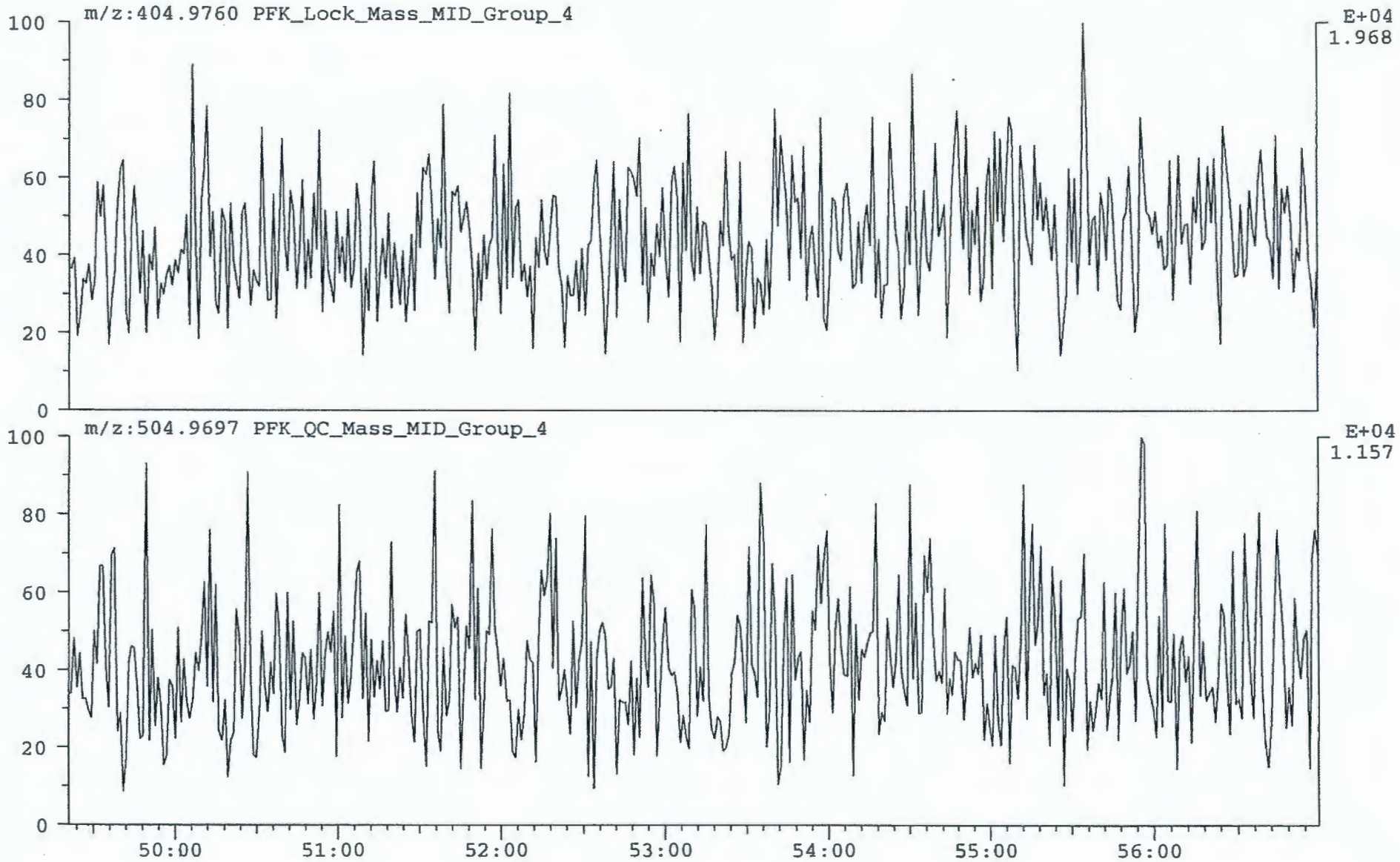
```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial  4
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:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   4
Peak:  100.00  ppm      Label wndw:   1419 > 2164           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



```
CHRO:  a070313i1                                13-Mar-07   Elapse:  56:12      2555
Samp:  Vial 4 WO=2990:71CS1 Meth=IE3 Dil=1                  Start :  18:44:14   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS1
Oper:  DCG          Client:  STL Knoxville                  Inlet :  GC     Vial   4
Peak:  100.00  ppm     Label wndw:   2167 > 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: a070313i1
Study: ICAL CS1
Sample: WO=2990:71CS1 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 4
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	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	0.0000	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	1312.0000	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	300.4808	FSLOPE	54000000.0000	FVANAL	263.0000
FVINLET	263.0000	FVSRC	838.0000	FWIN	0.7000
GCTC	200.0000	GCTI	270.0000	GCTL	280.0000
HACCU	208.0000	HCURR	1.3529	HVANAL	1323.0000
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	2609.0000	NSMAX	8.0000	NSMIN	2.0000
OCT	-2.0000	PSAM	10.0000	PUSHER	-6.0000
RDRAW	0.0000	RDRAWC	0.0000	RECURR	0.0000
RELEN	0.0000	RES	10005.2600	RFAMP	799.9987
RFCUR	100.0110	RPUSHER	0.0000	RWIN	2.0000
SACCU	3.0000	SCIDLE	1.0000	SHIELD	2592.0000
SHIELDS	0.0000	SHIGH	180.0000	SKIM	7.0000
SLOW	60.0000	SPRAY	8.0000	SS	3.0000
SW	0.0500	TANAL	420.8300	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	180.4888	XLENS	2000.0000
XLENSS	-29.0000	YLENS	2655.0000	YLENSS	-34.0000

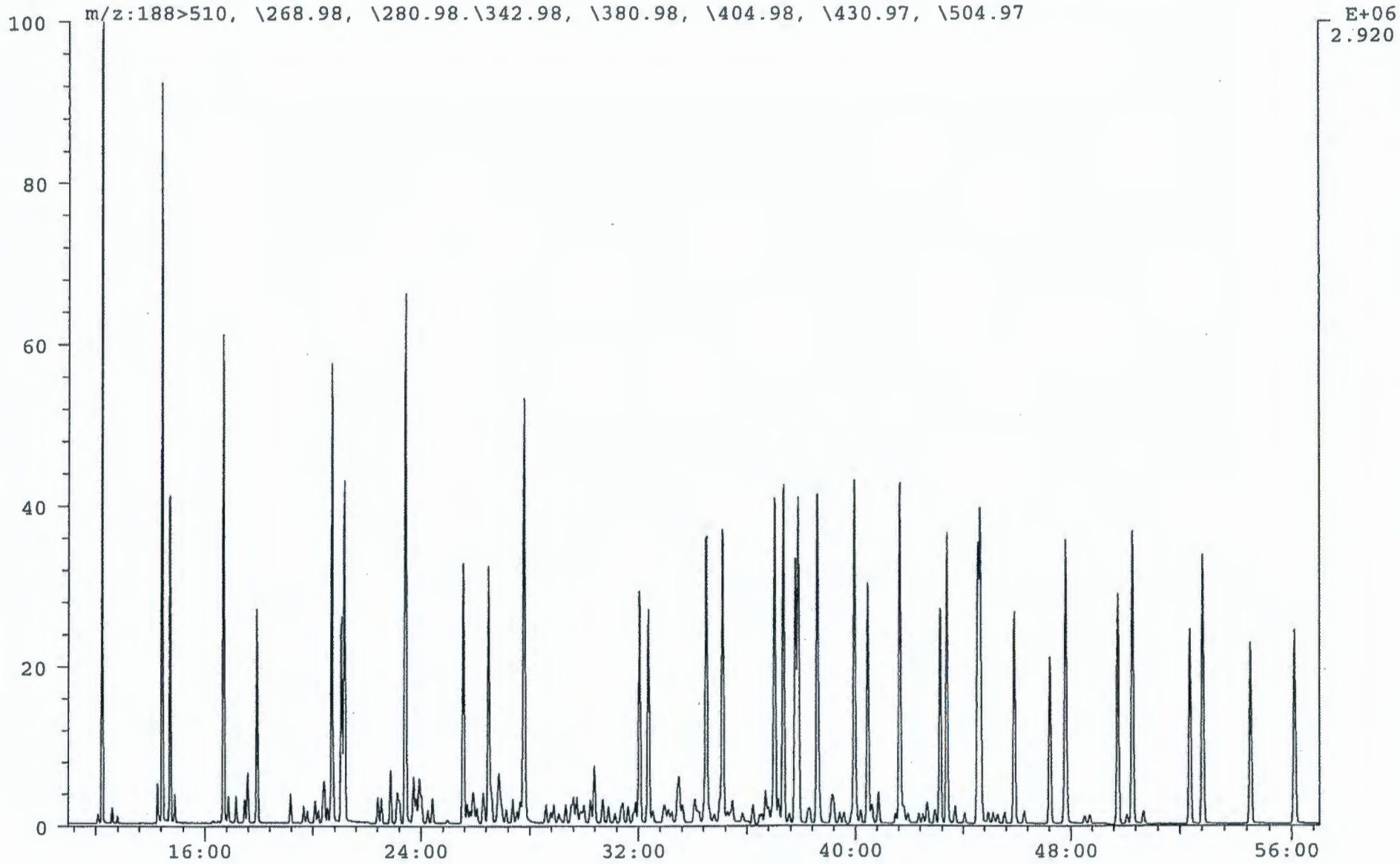
Scantype is electric
Sourcemode is EI POS

Analysis started at: 13-Mar-07 18:44:14.0

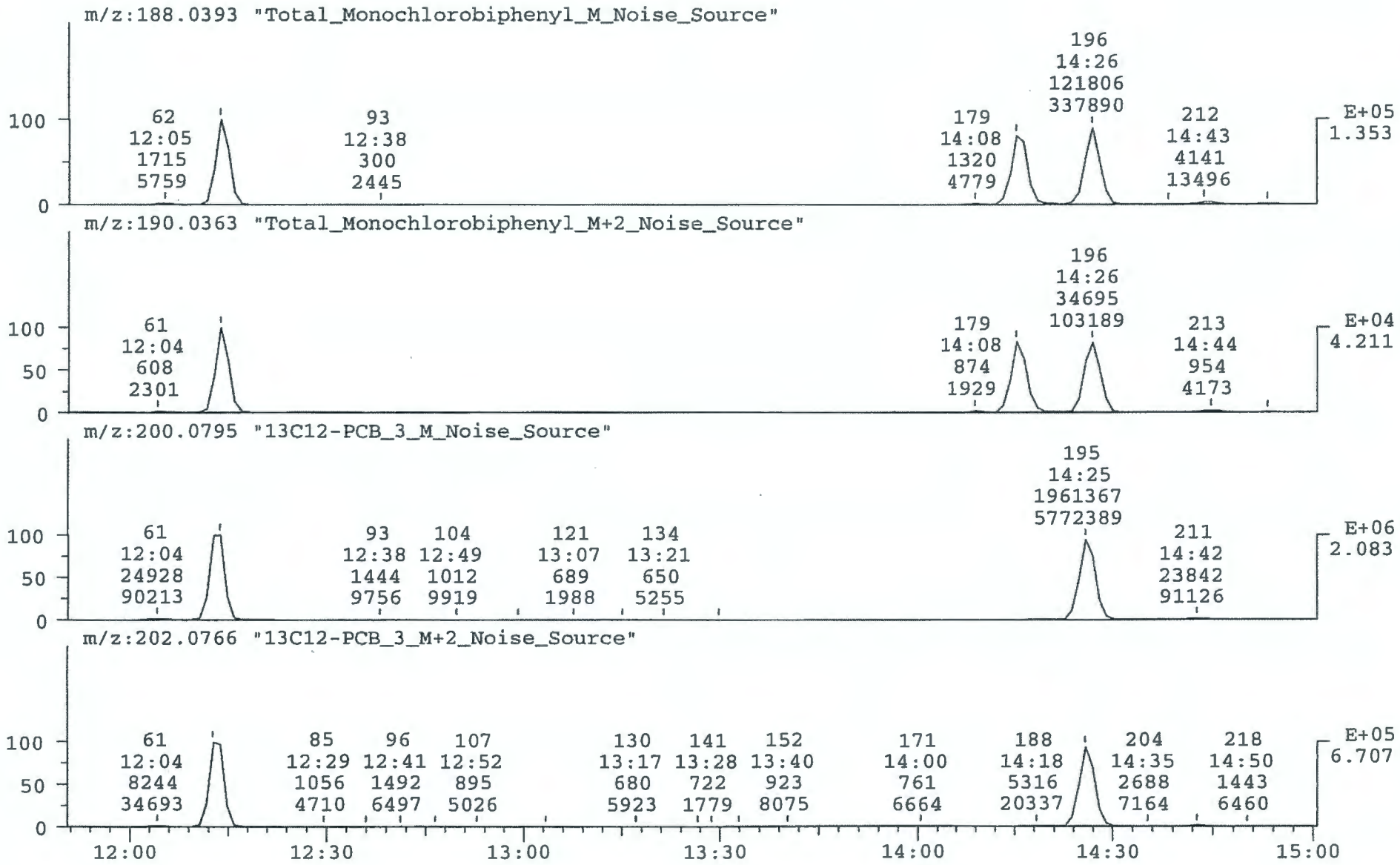
Autosampler has injected sample from vial 4
MID Time Window 1: Resolution is 6033
MID Time Window 2: Resolution is 5847
MID Time Window 3: Resolution is 9024
MID Time Window 4: Resolution is 9642
Analysis stopped at: 13-Mar-07 19:41:16.9 (run time 57.03 minutes)
Analysis stopped because MID run finished

CHRO: a070313i2 13-Mar-07 Elapse: 38:40 1564
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2 > 2601 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

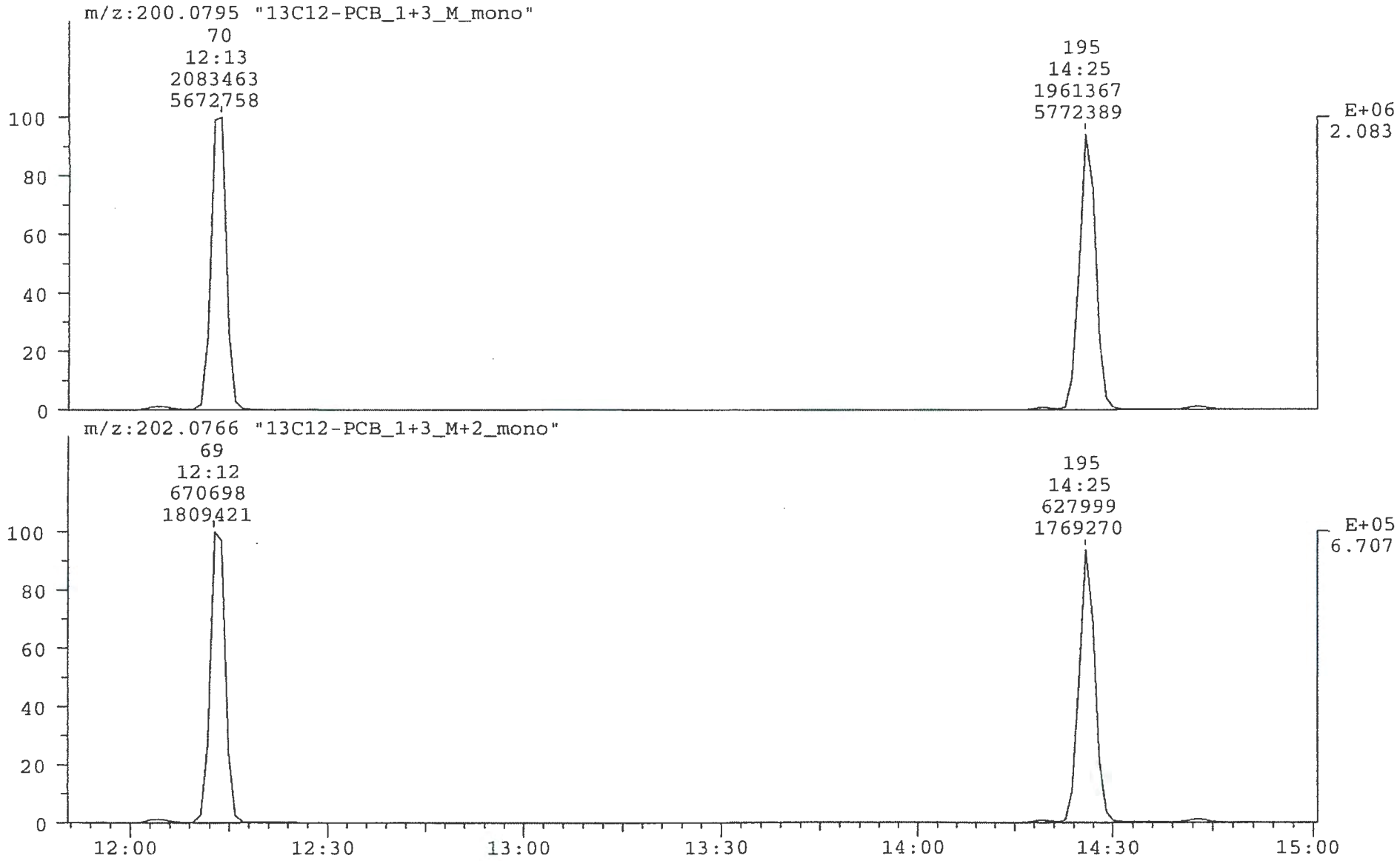
Int DC 3-14-07
Calc DC 3-15-07
QC DMN 3/15/07



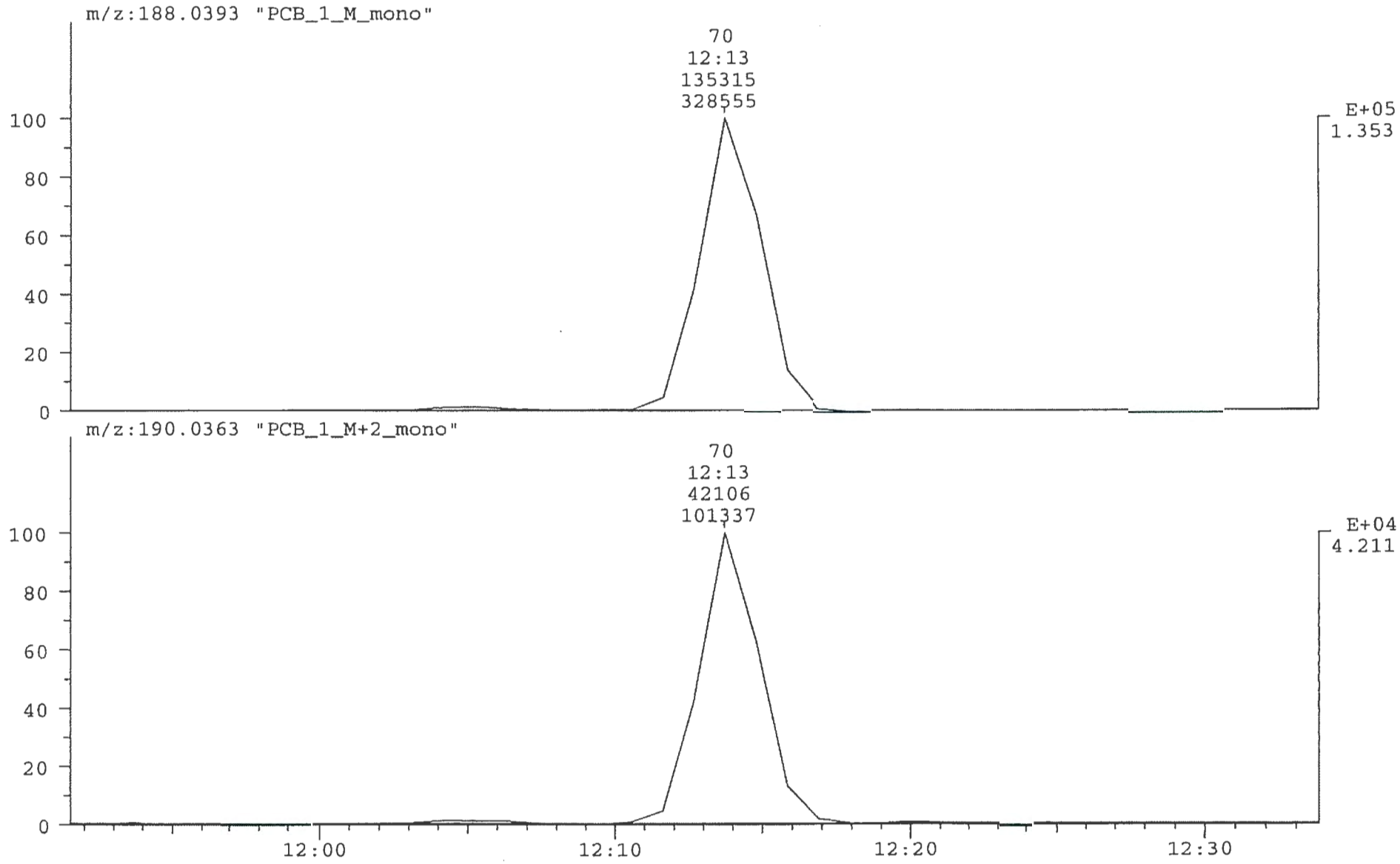
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



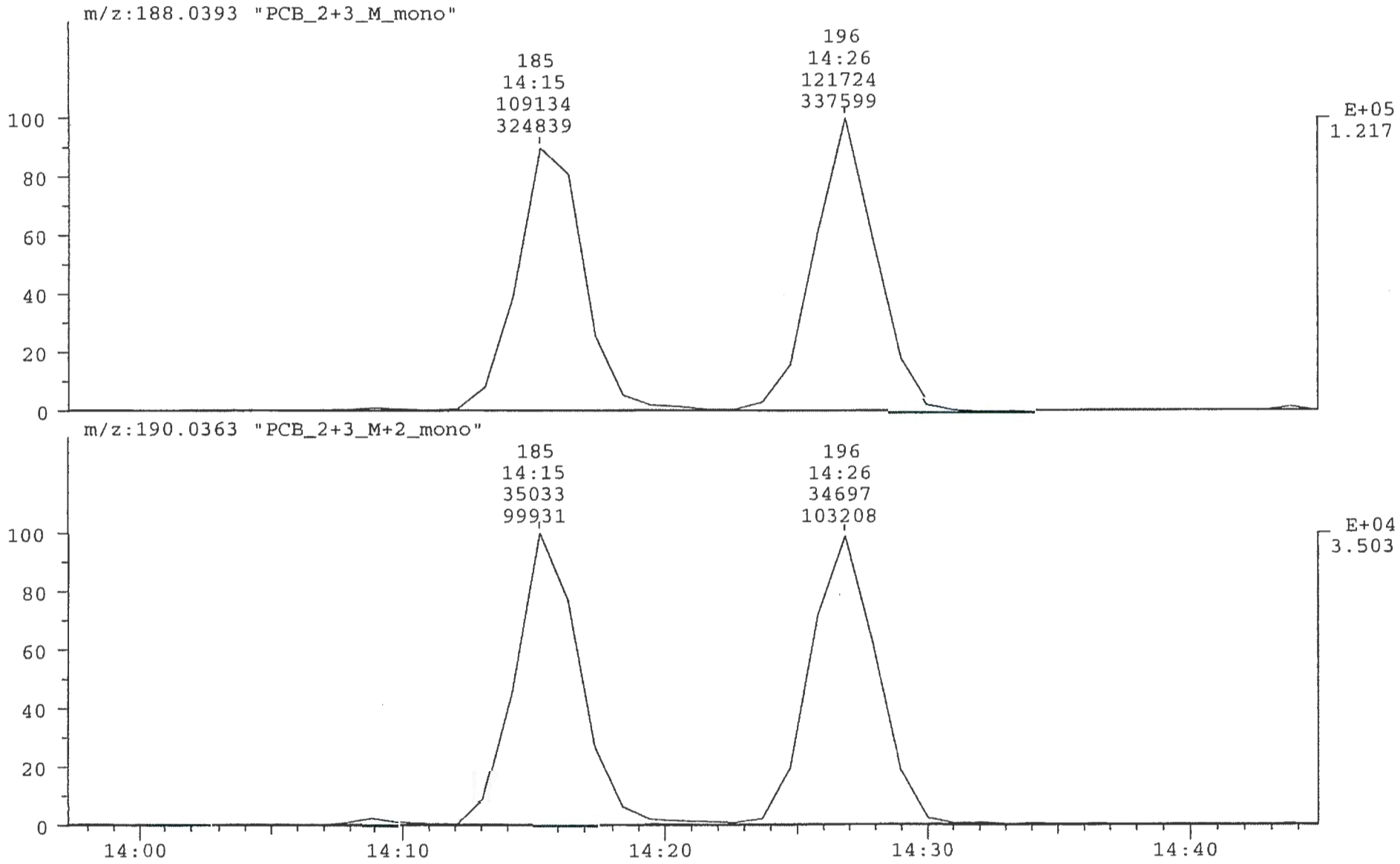
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  13:25.5      138
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



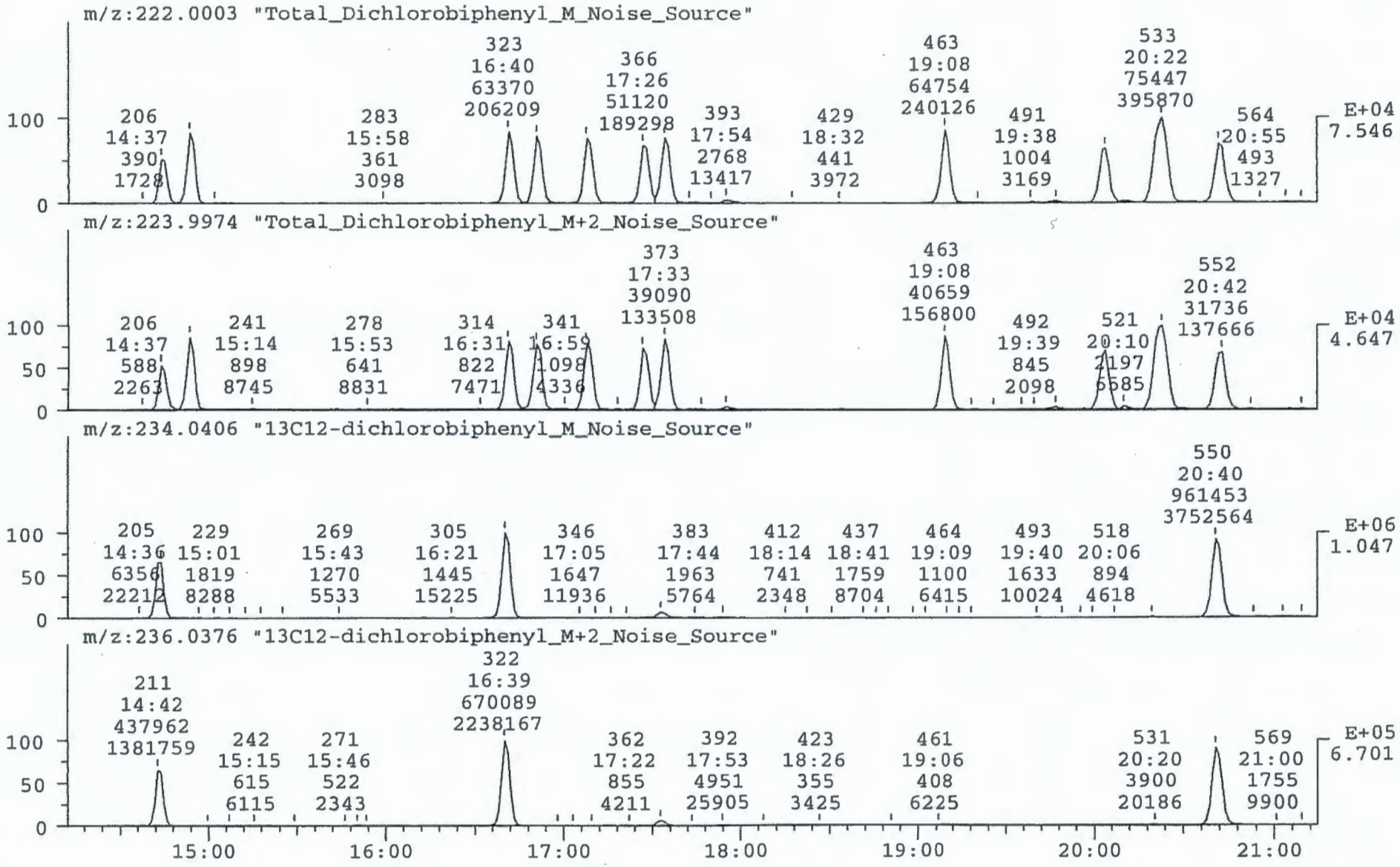
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  12:12.7       69
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



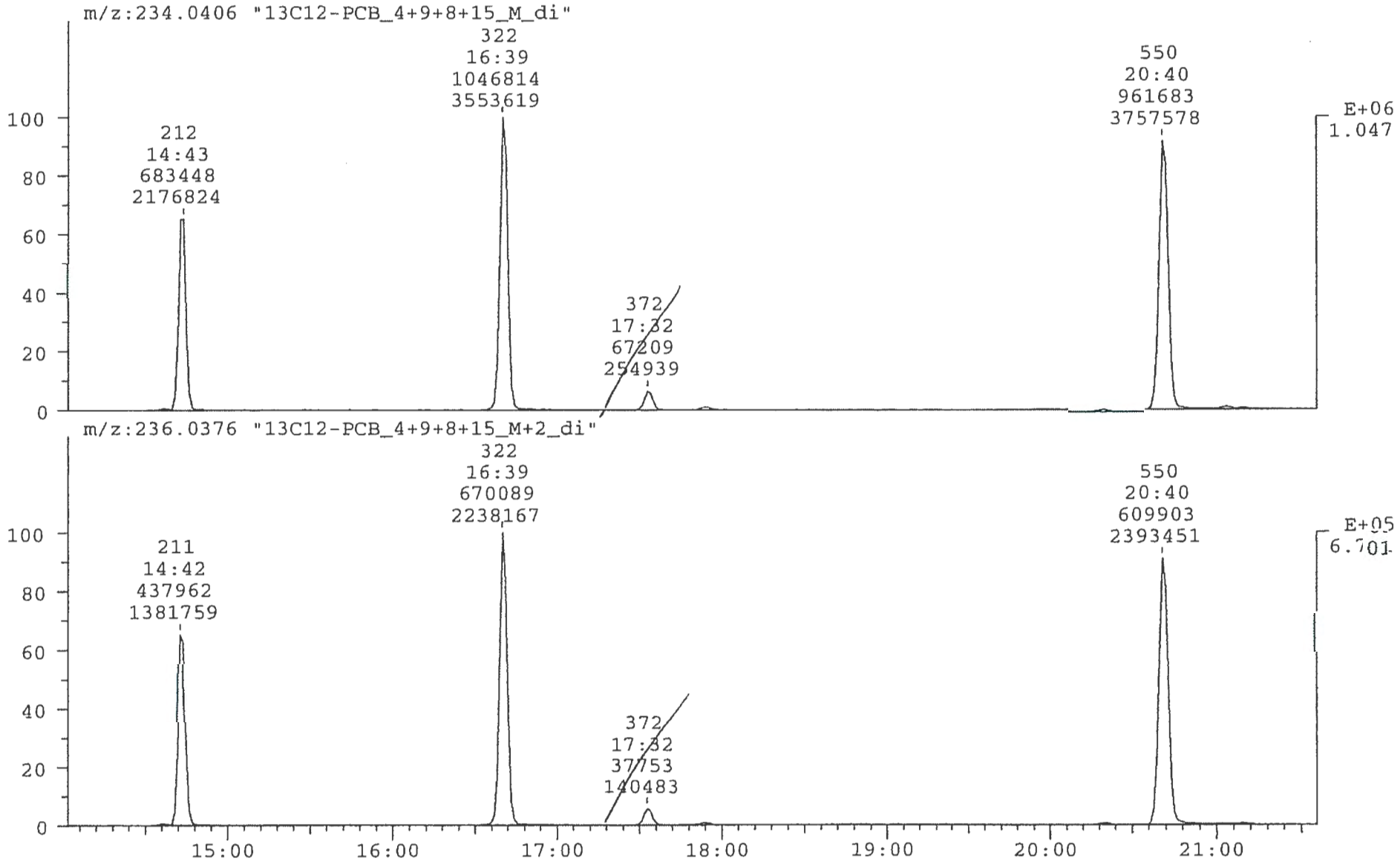
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  14:23.7      193
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



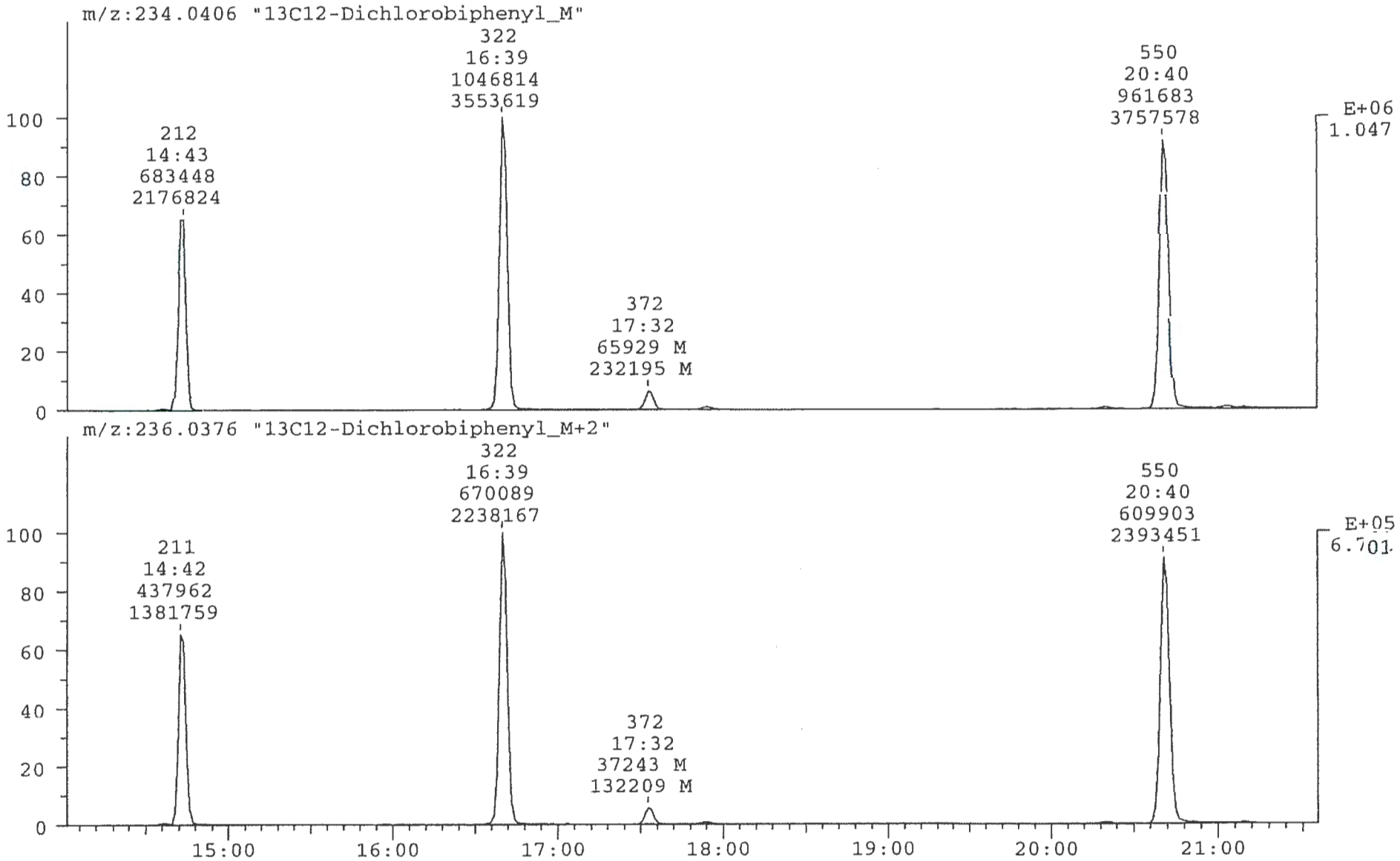
CHRO: a070313i2 13-Mar-07 Elapse: 17:43.2 382
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 182 > 582 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



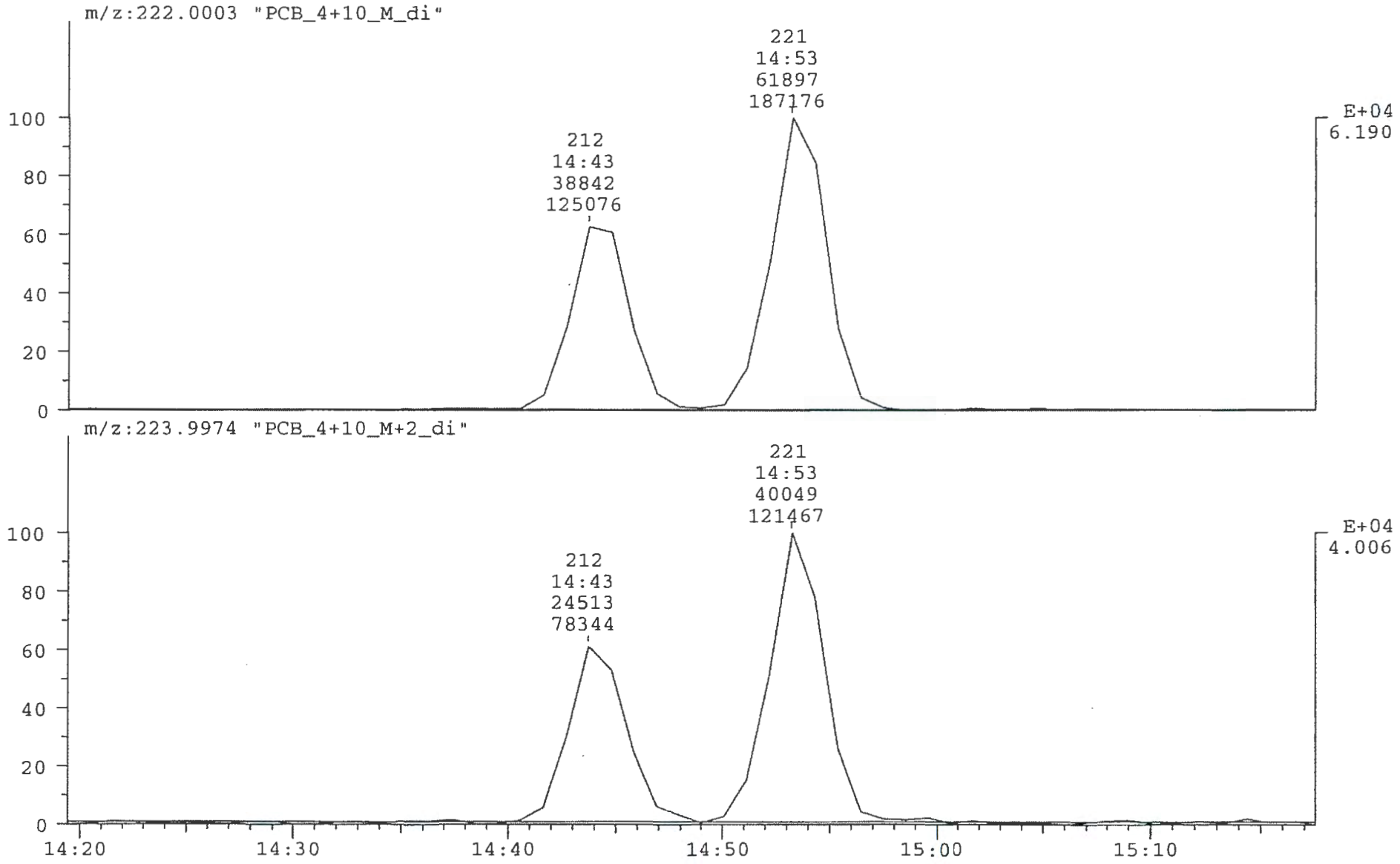
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  17:43.2      382
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



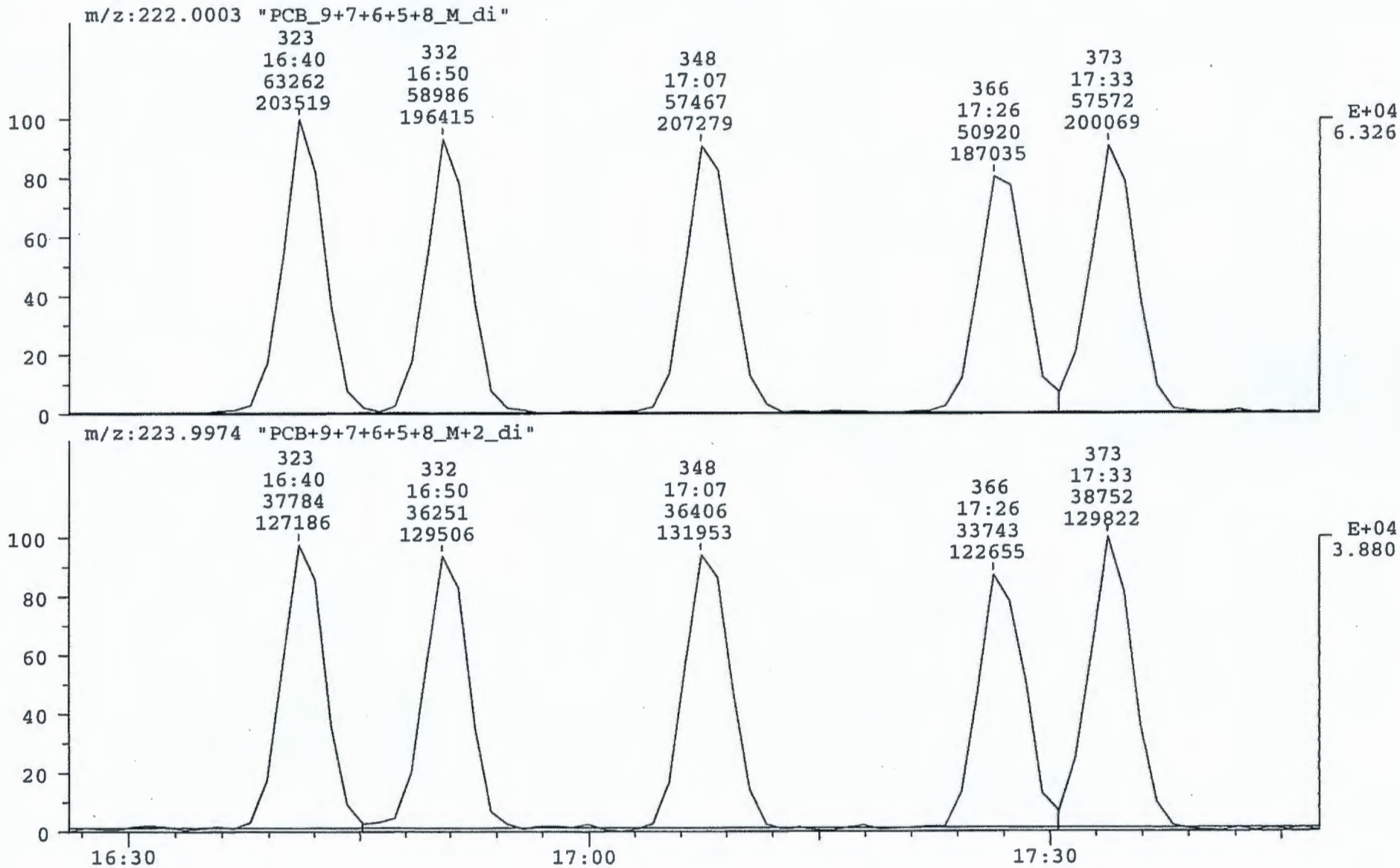
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  40:51      1688
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



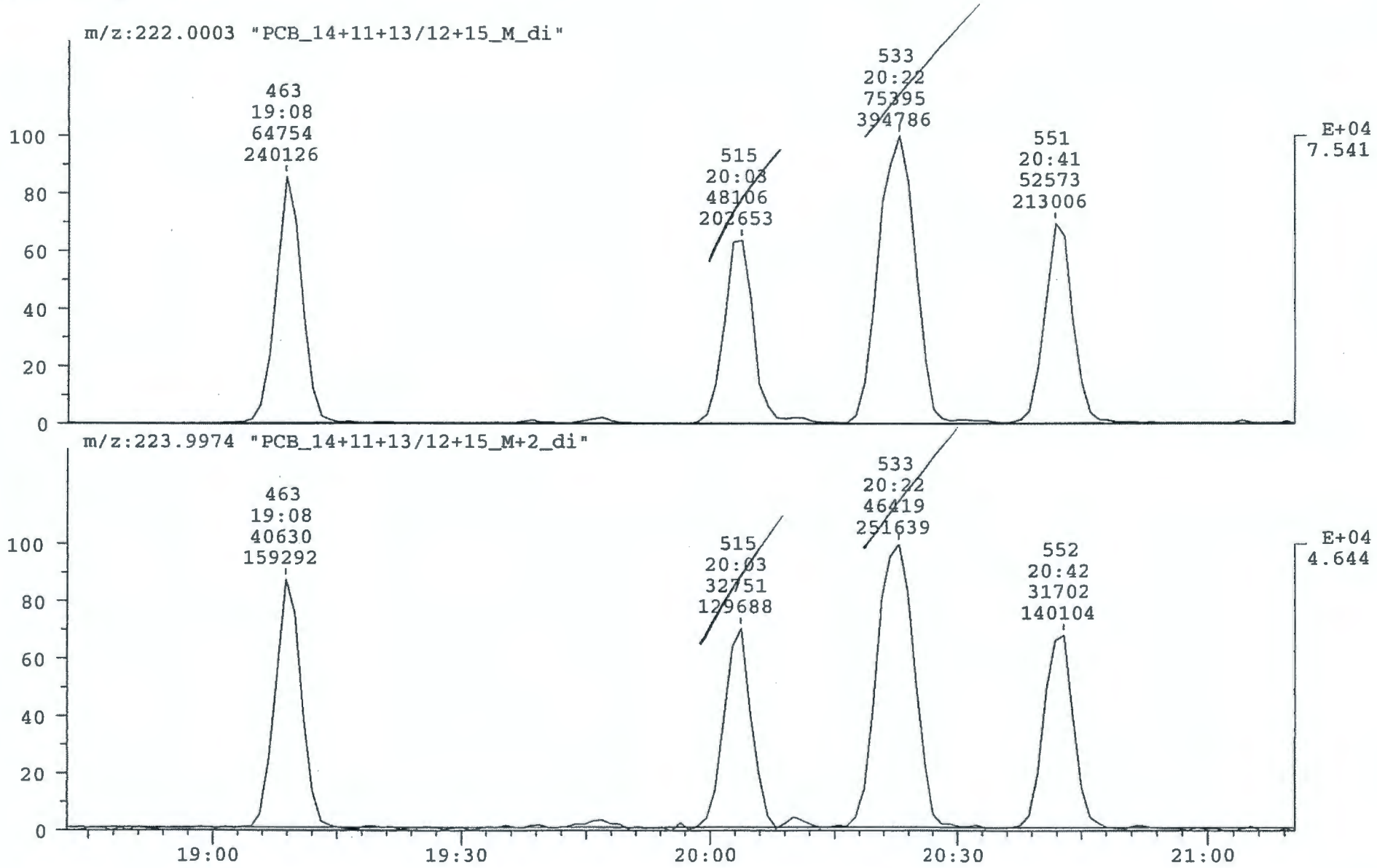
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  14:51.1      219
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



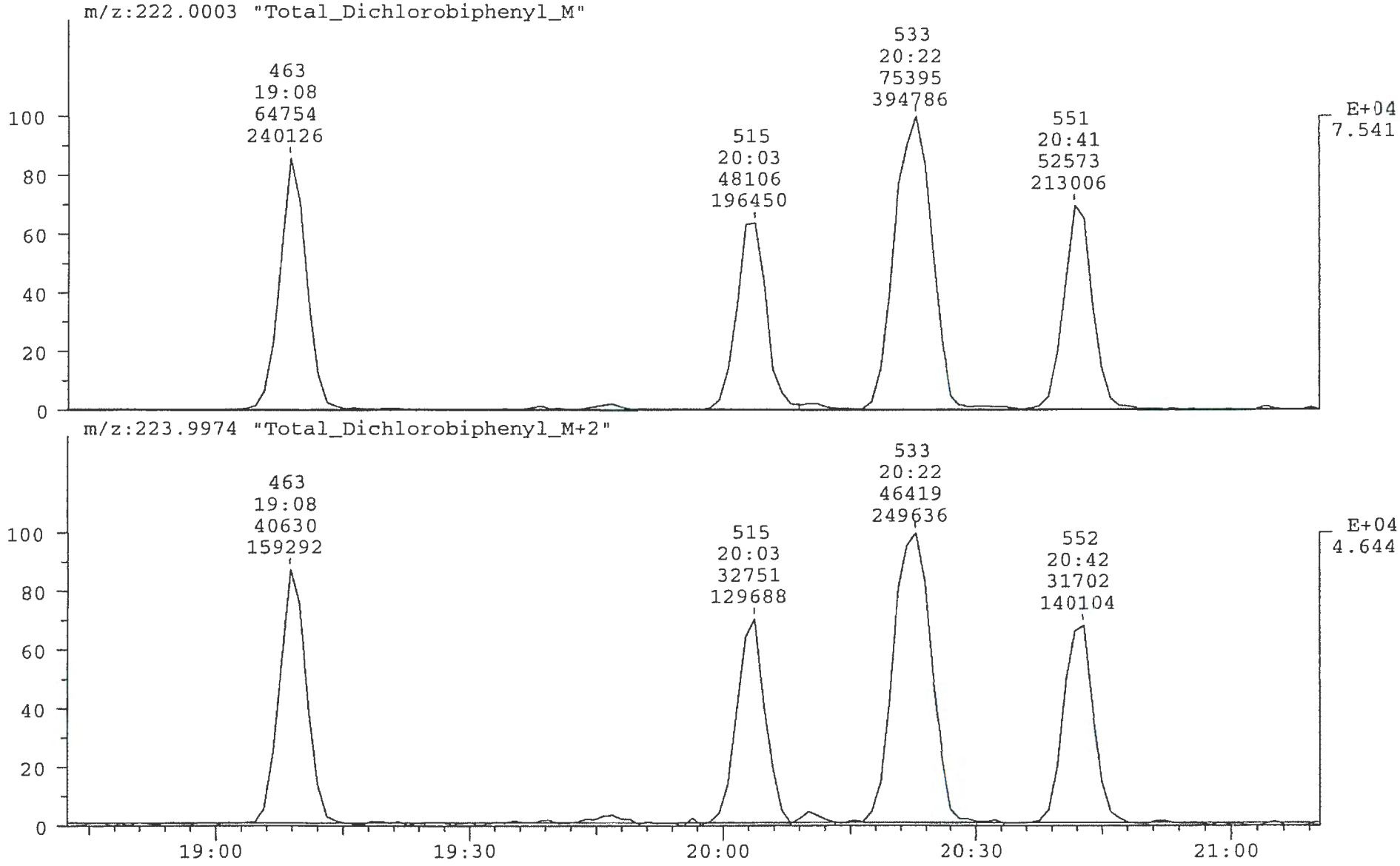
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  17:10.5      351
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



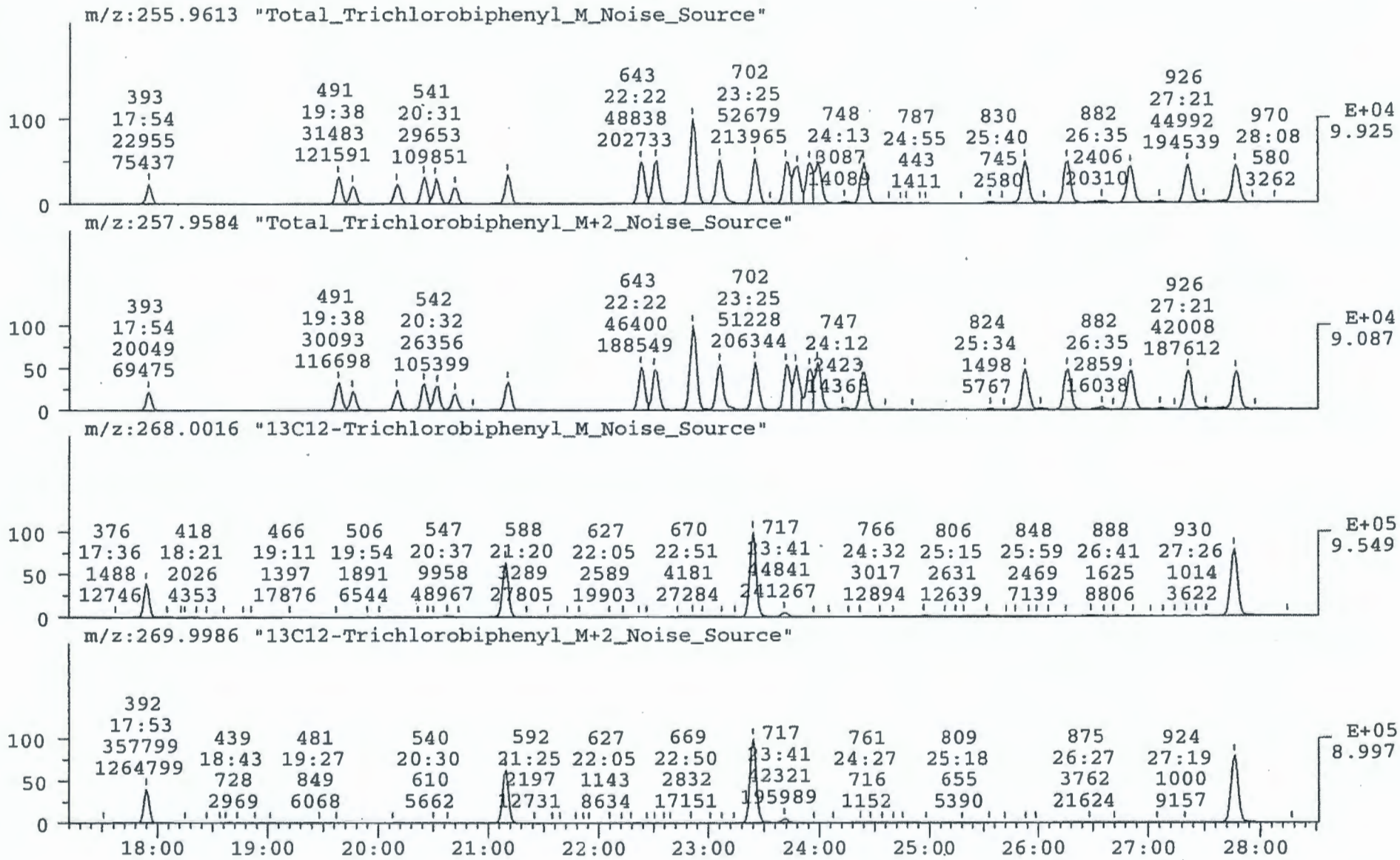
CHRO: a070313i2 13-Mar-07 Elapse: 19:56.3 508
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 438 > 578 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



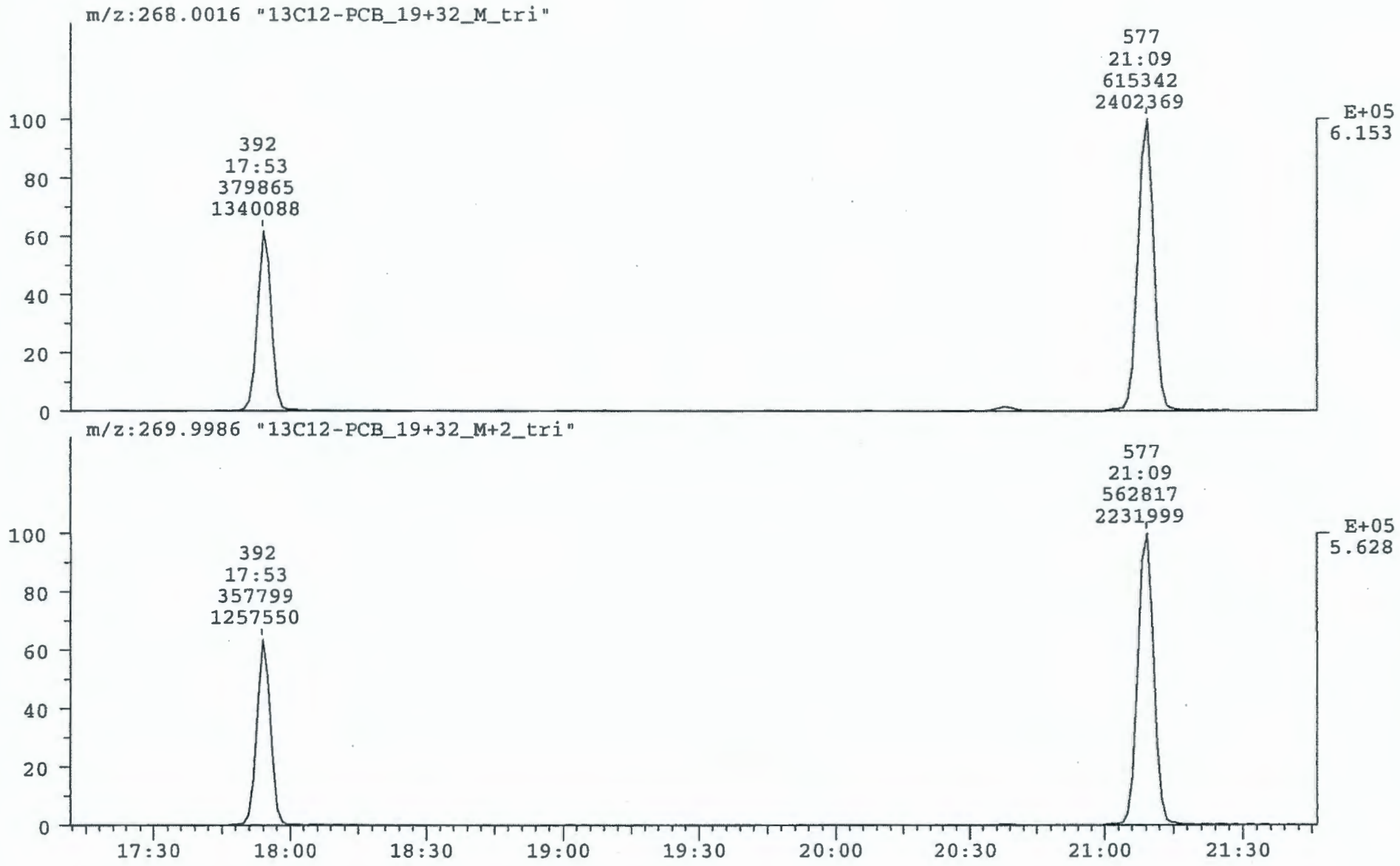
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  11:00.8        1
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



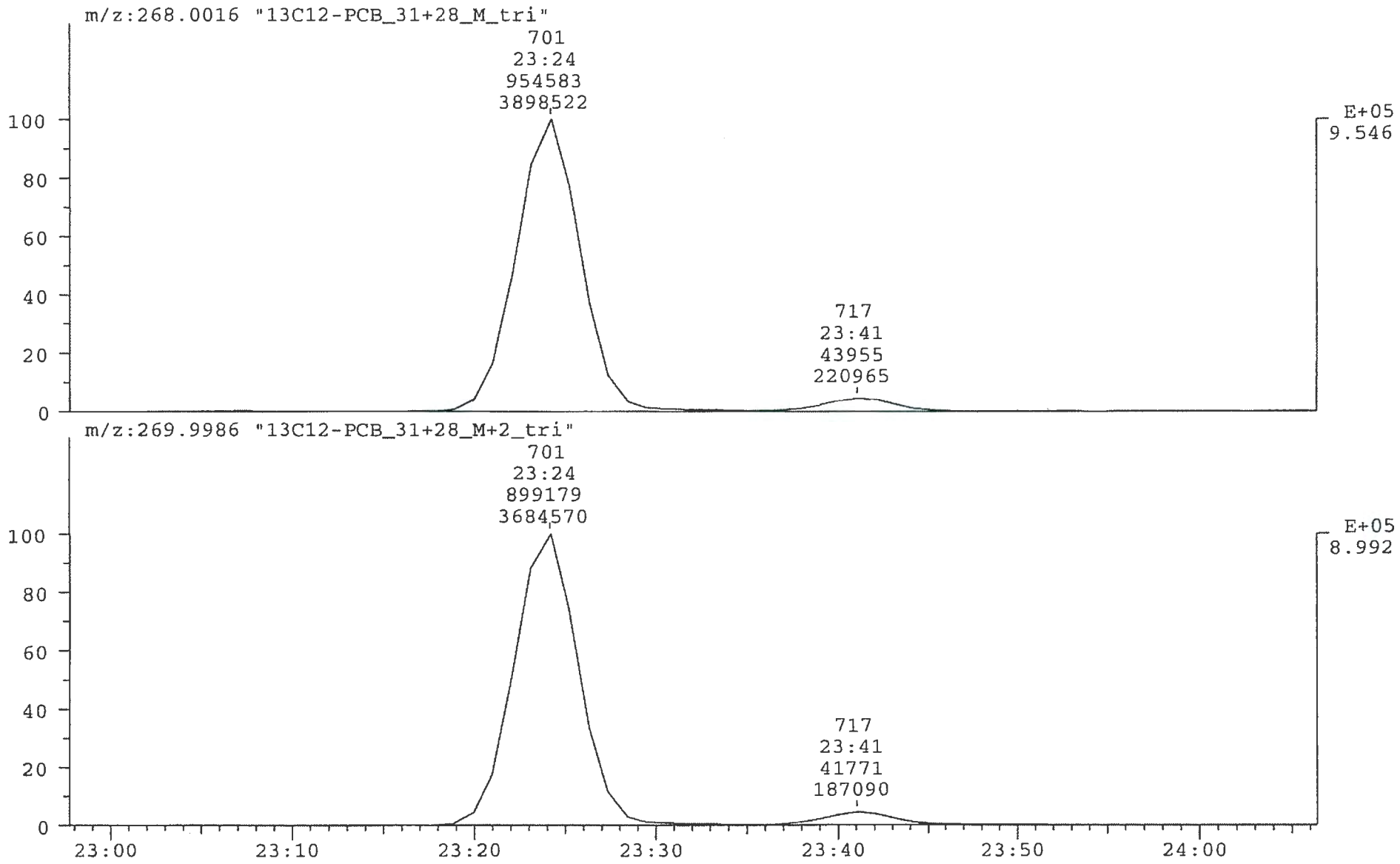
CHRO: a070313i2 13-Mar-07 Elapse: 22:53.5 672
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 352 > 992 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



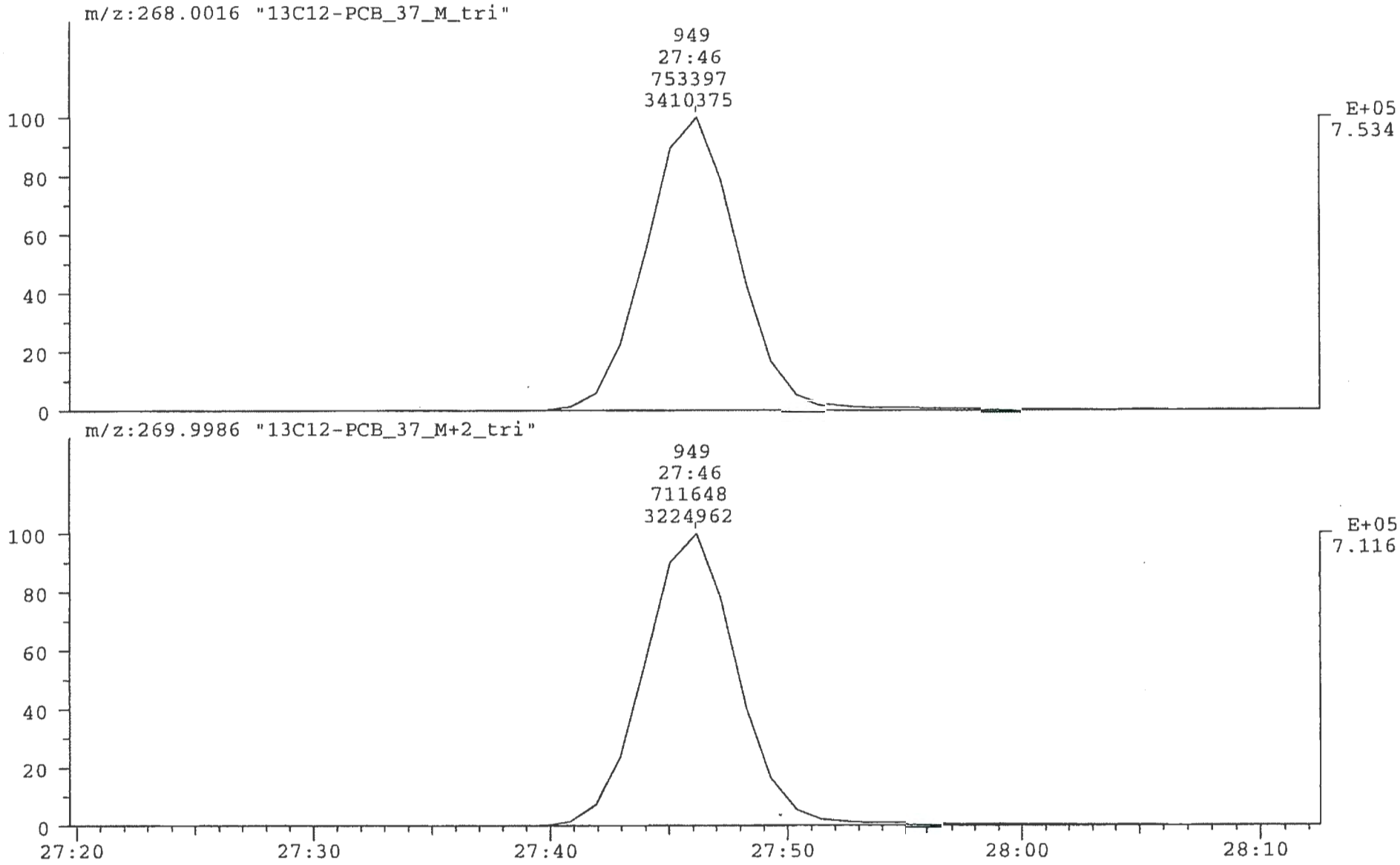
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  19:18.2      472
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



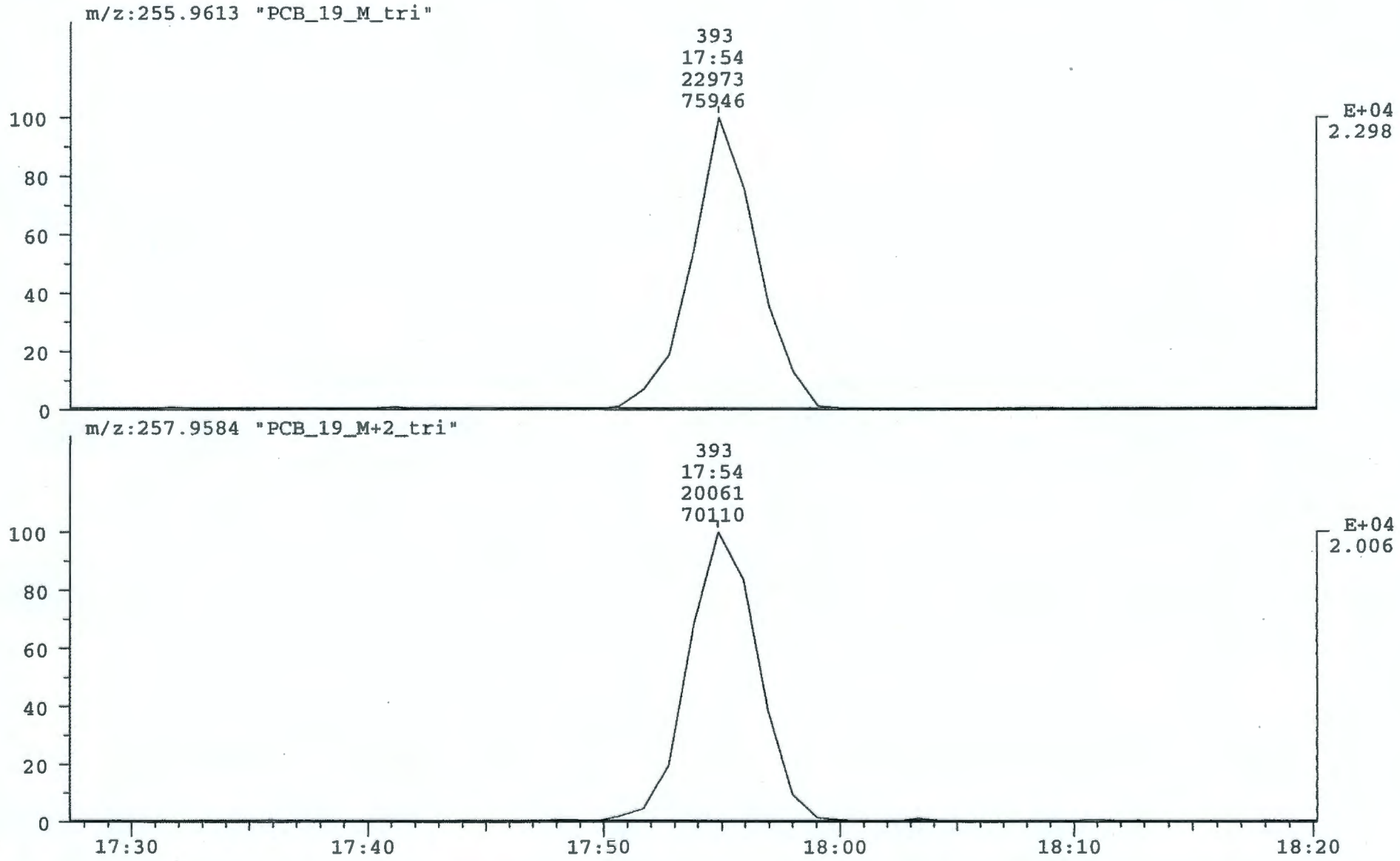
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  23:24.1      701
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



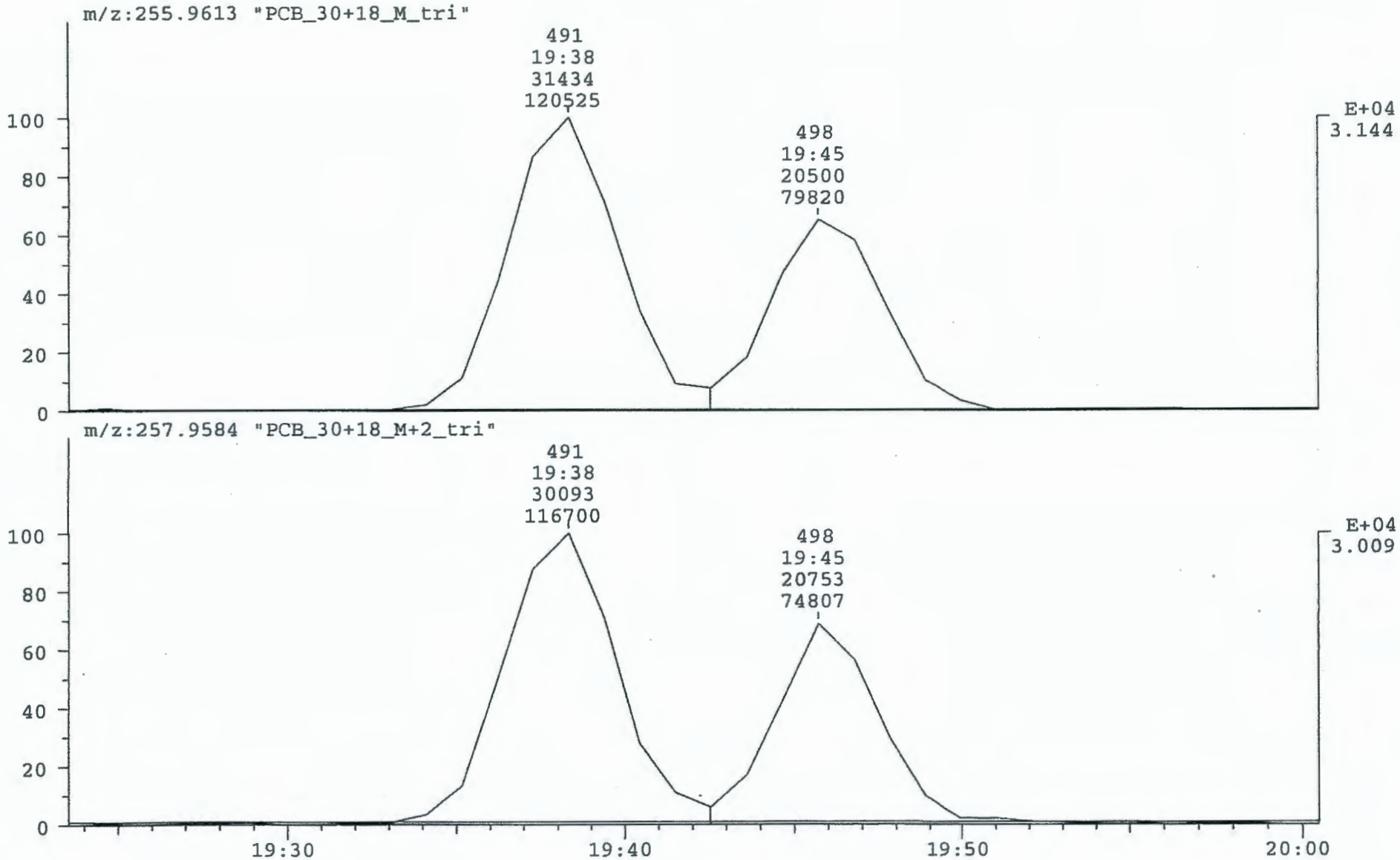
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  27:46.1      949
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



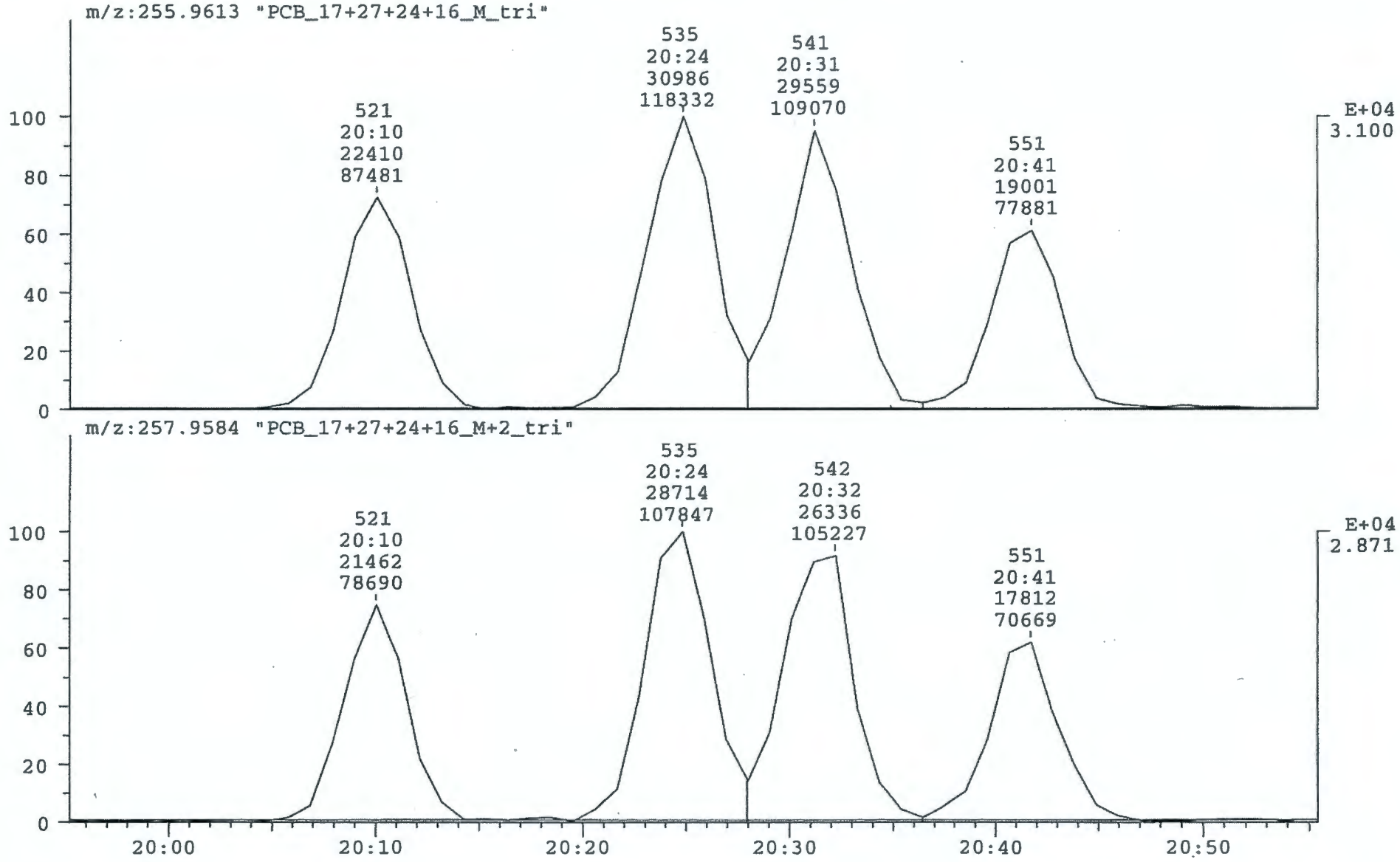
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  17:53.8      392
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



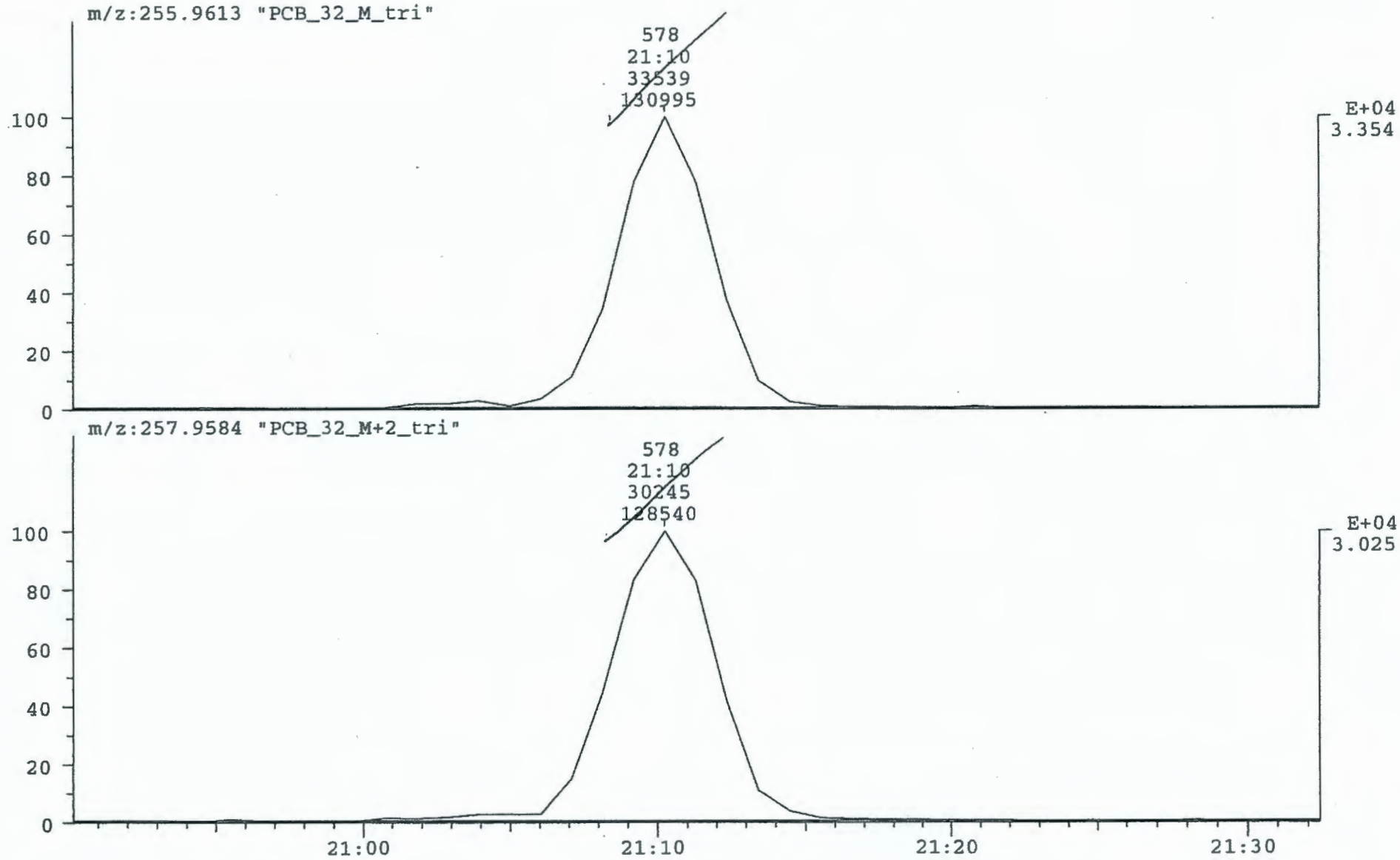
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  56:13      2556
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



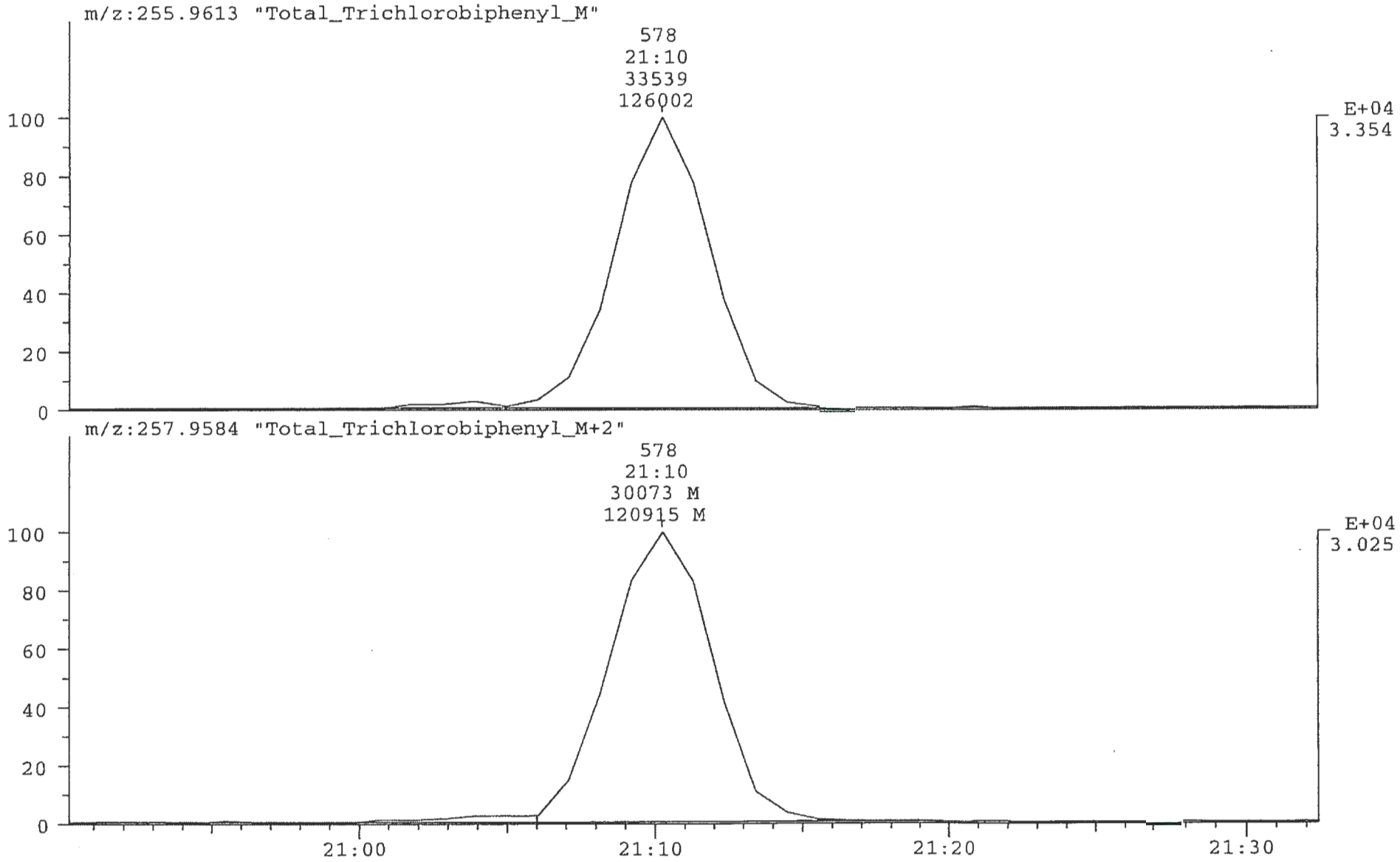
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  20:26.9      537
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



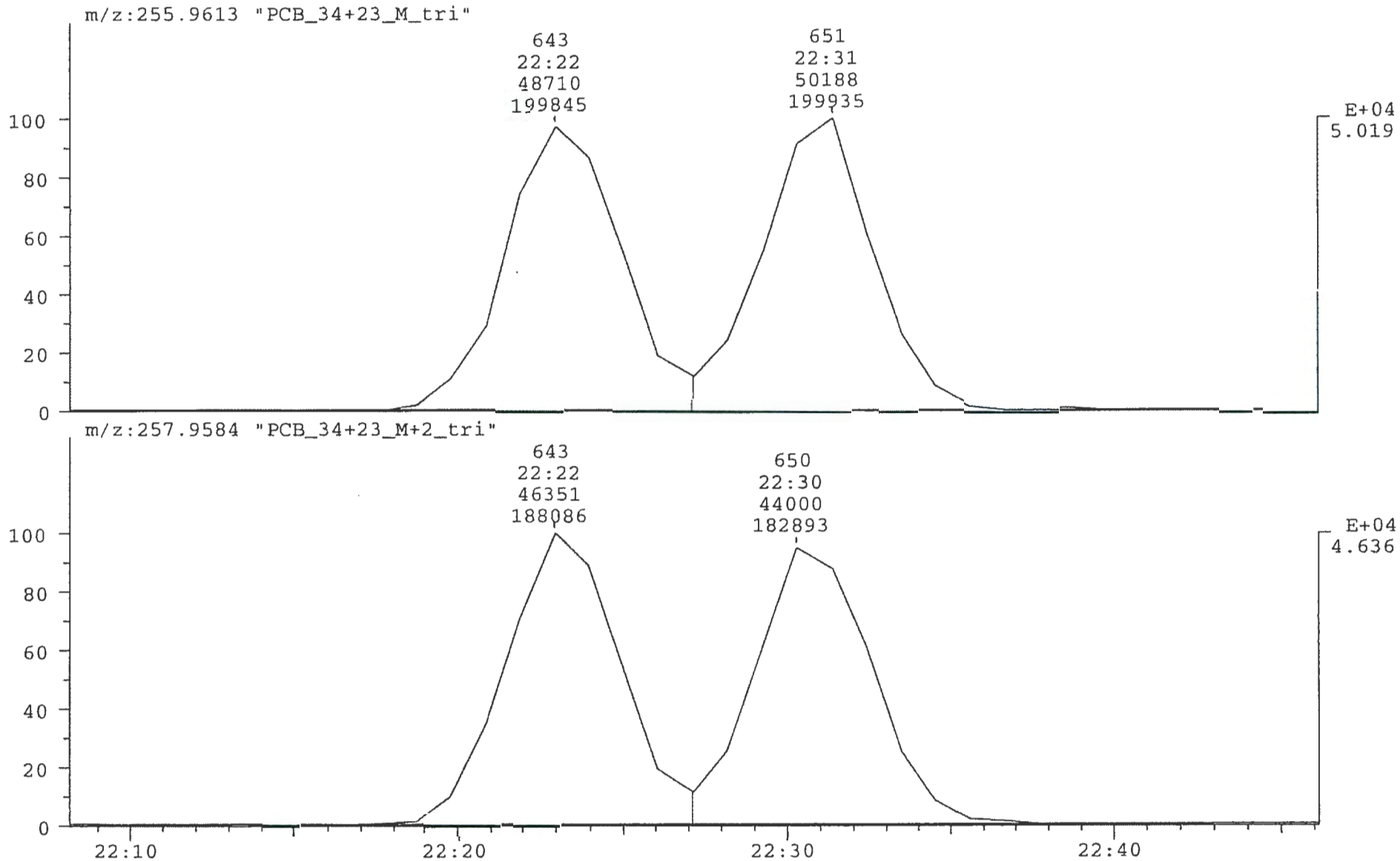
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  21:11.3      579
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



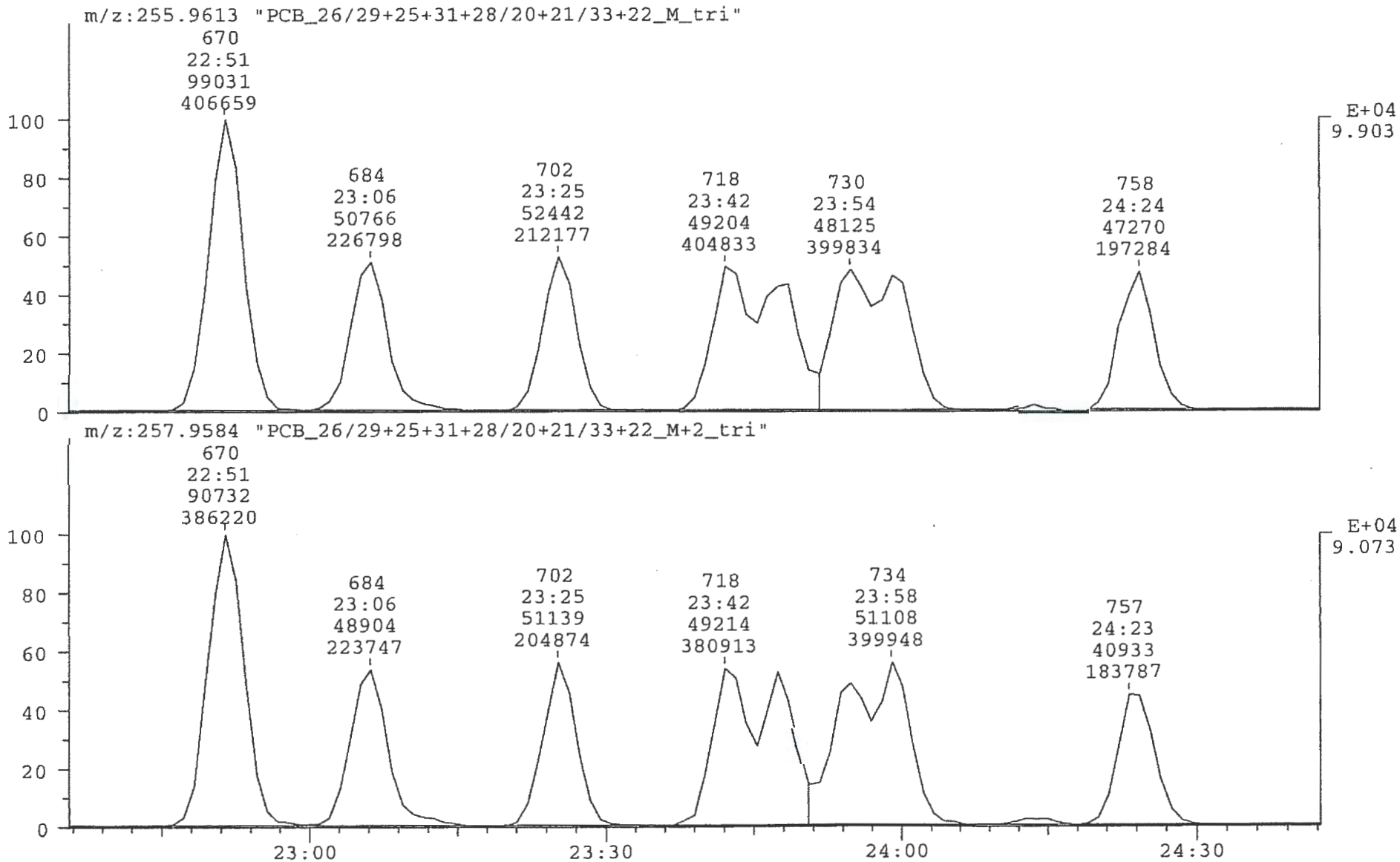
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  11:00.8        1
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   5
Peak:  100.00  ppm      Label wndw:   559 > 599             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i2                                13-Mar-07   Elapse:  22:23.9      644
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC      Vial   5
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
```

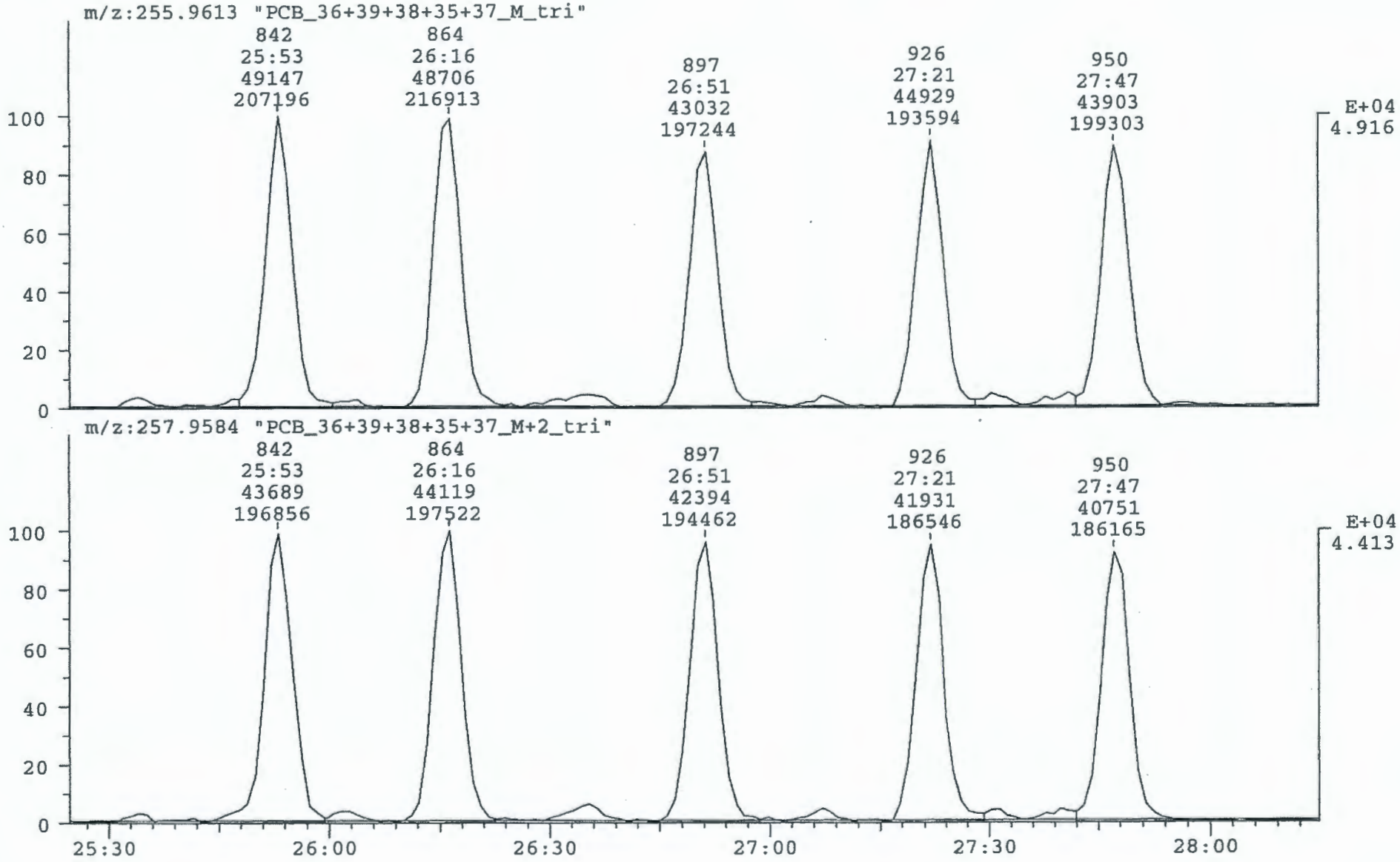


```
CHRO:  a070313i2                                13-Mar-07   Elapse:  23:54.7      730
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

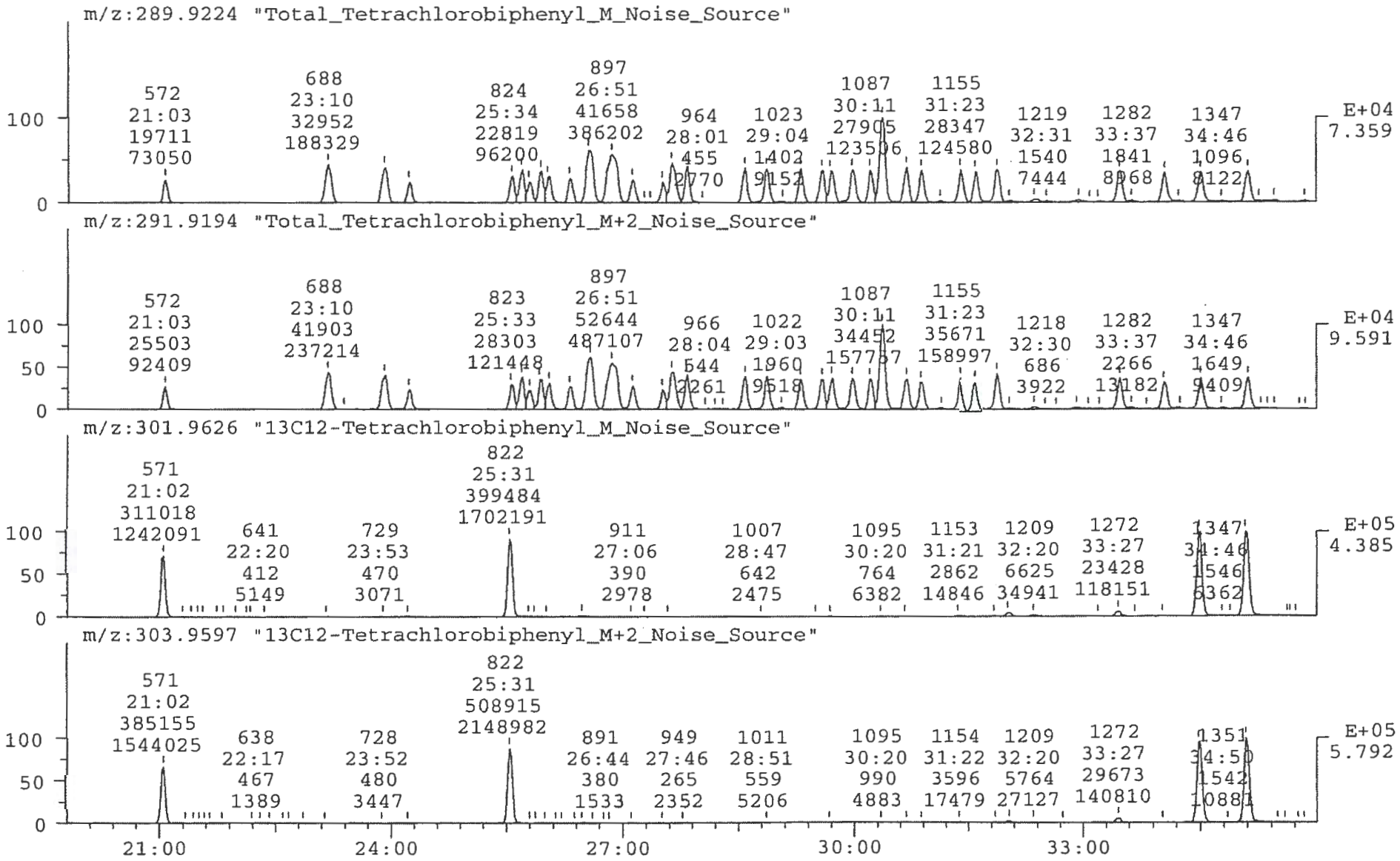


1359

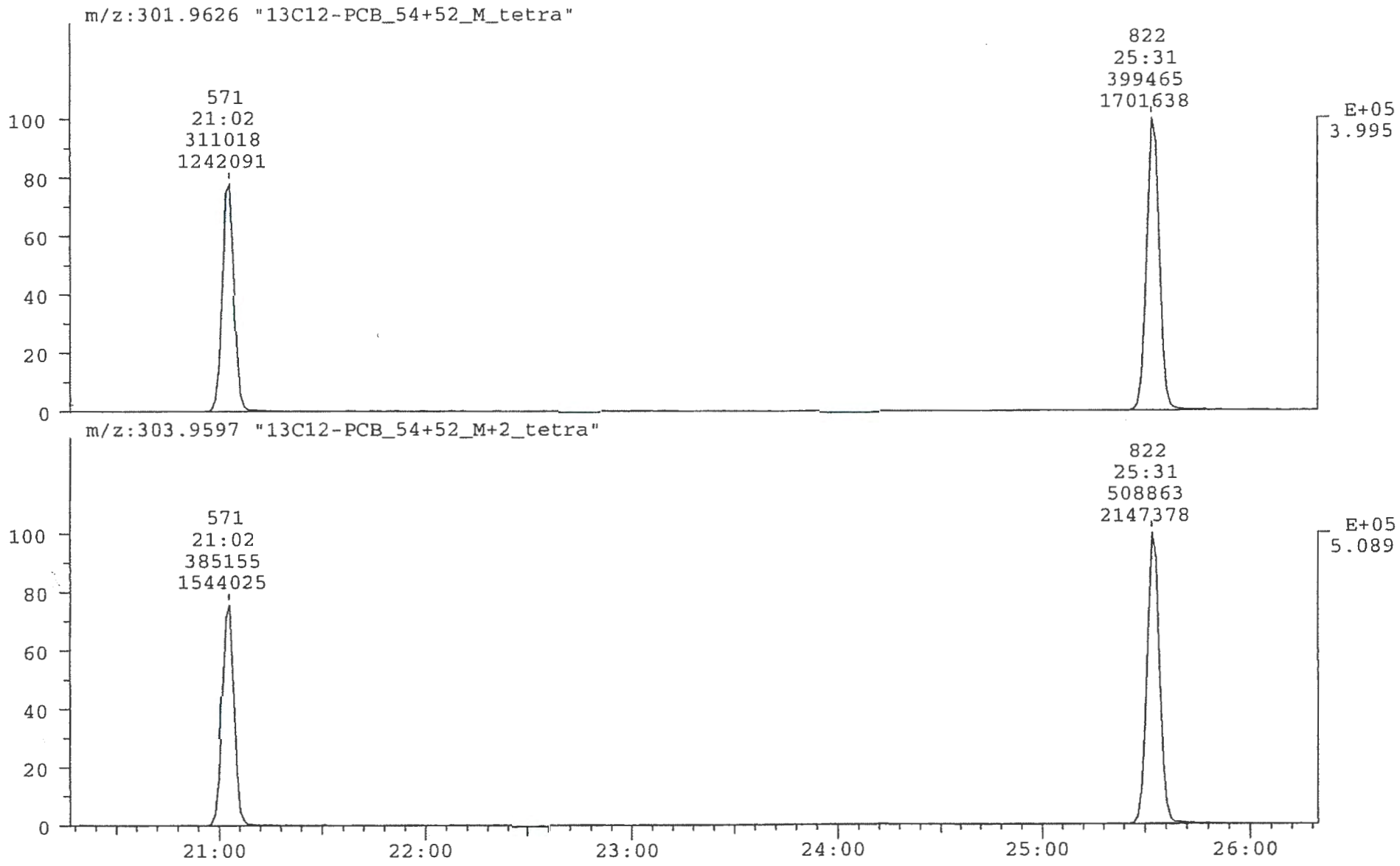
CHRO: a070313i2 13-Mar-07 Elapse: 26:54.3 900
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 815 > 976 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



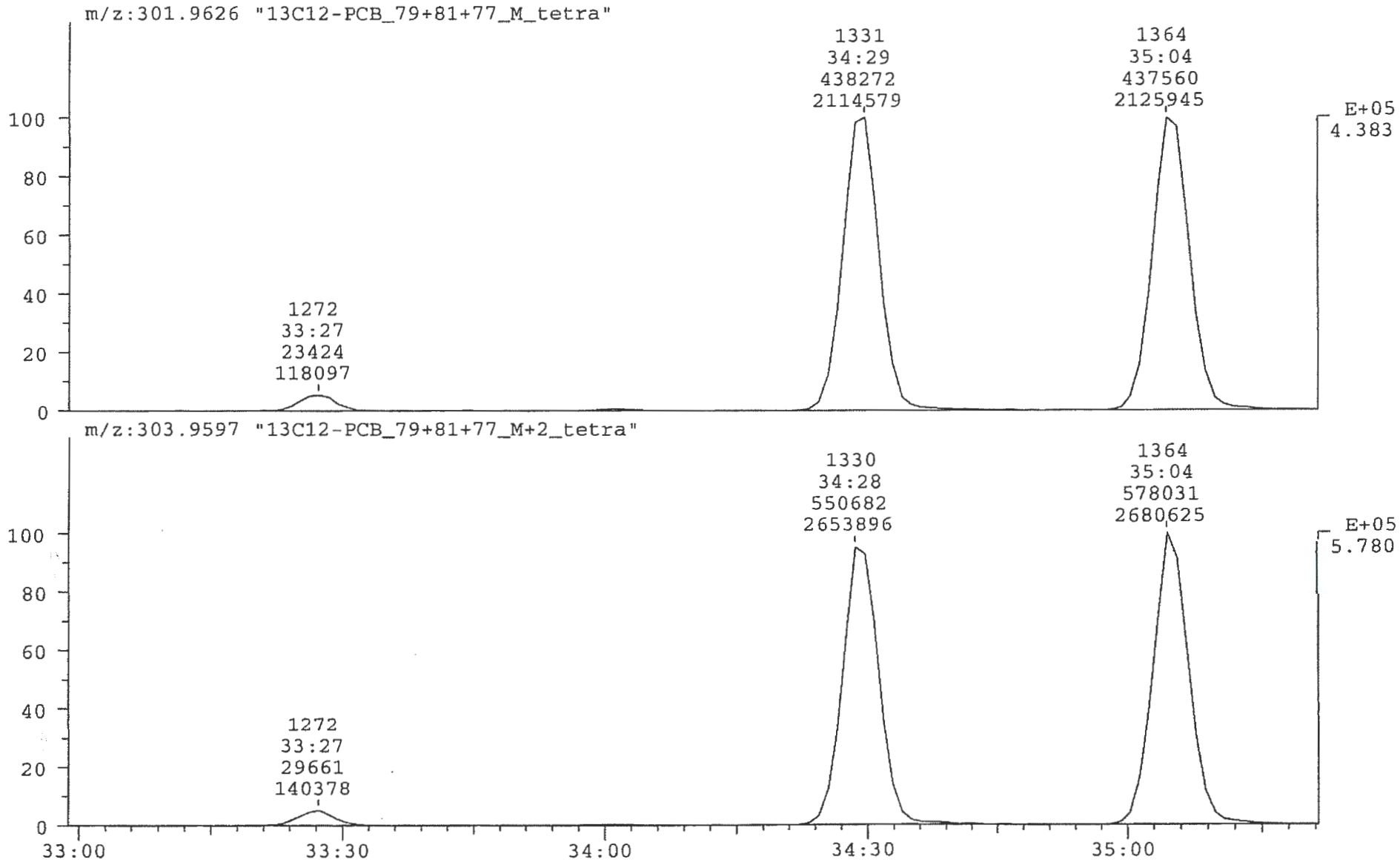
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  27:53.5      956
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



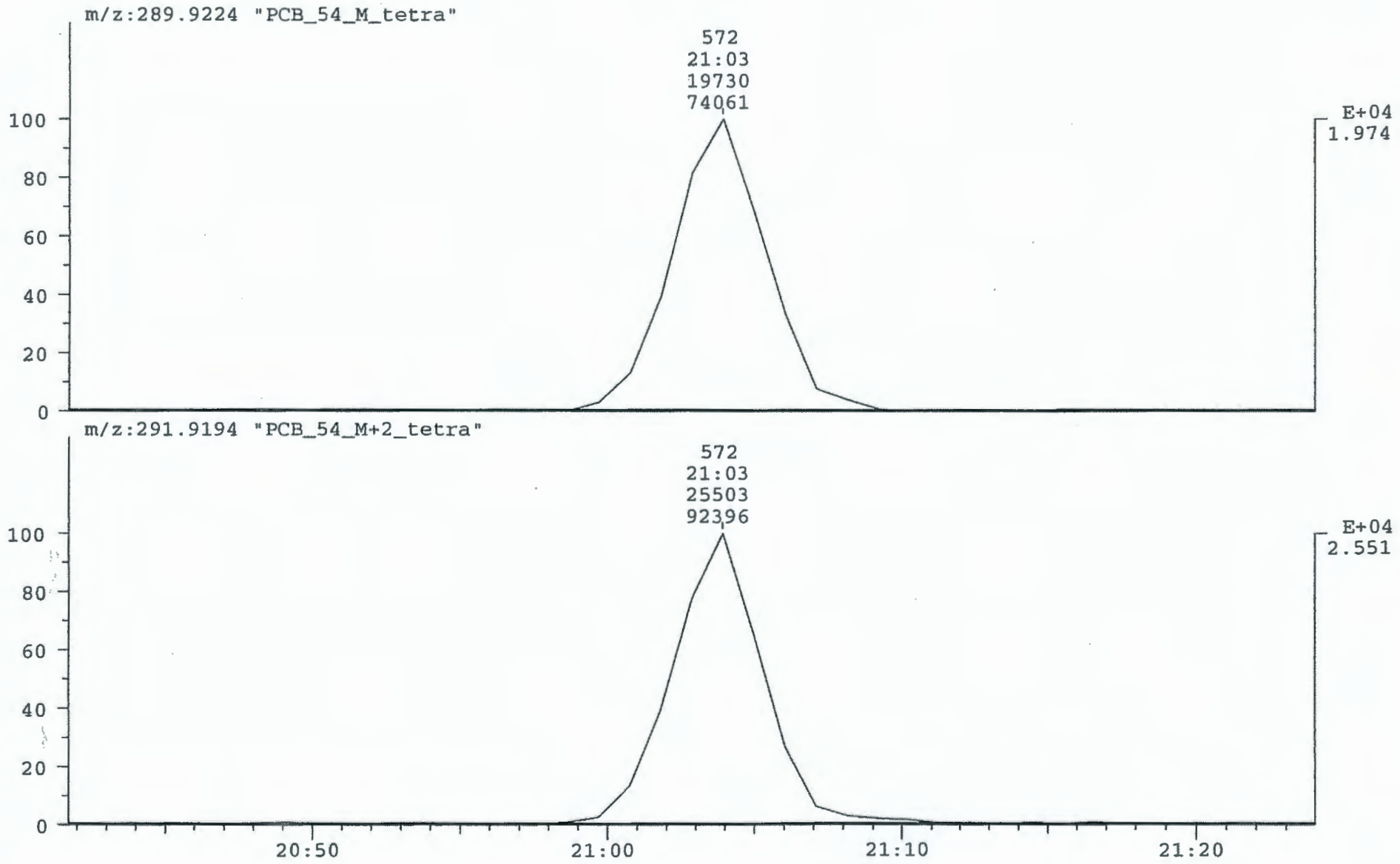
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  23:19.9      697
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



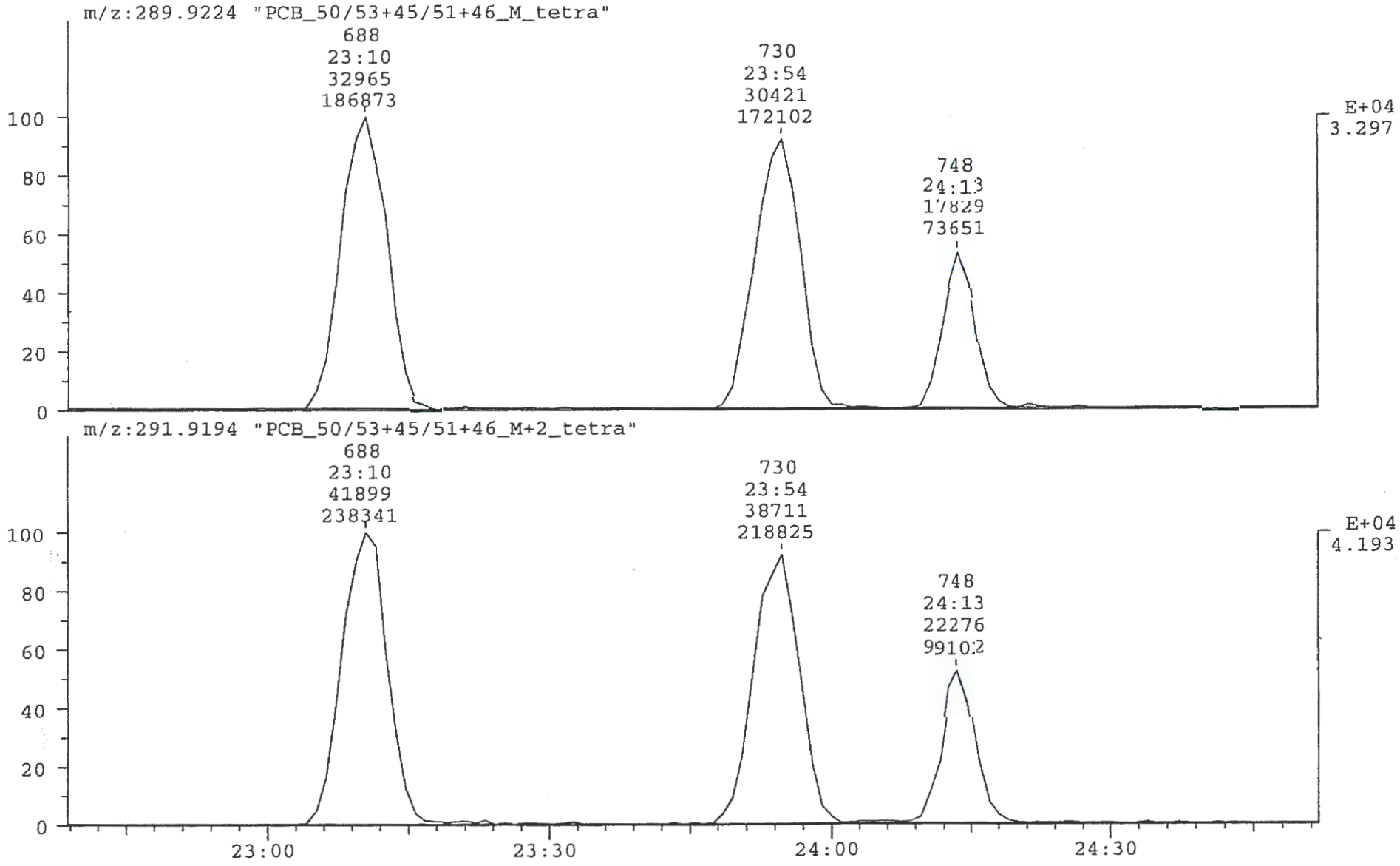
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  34:12      1315
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



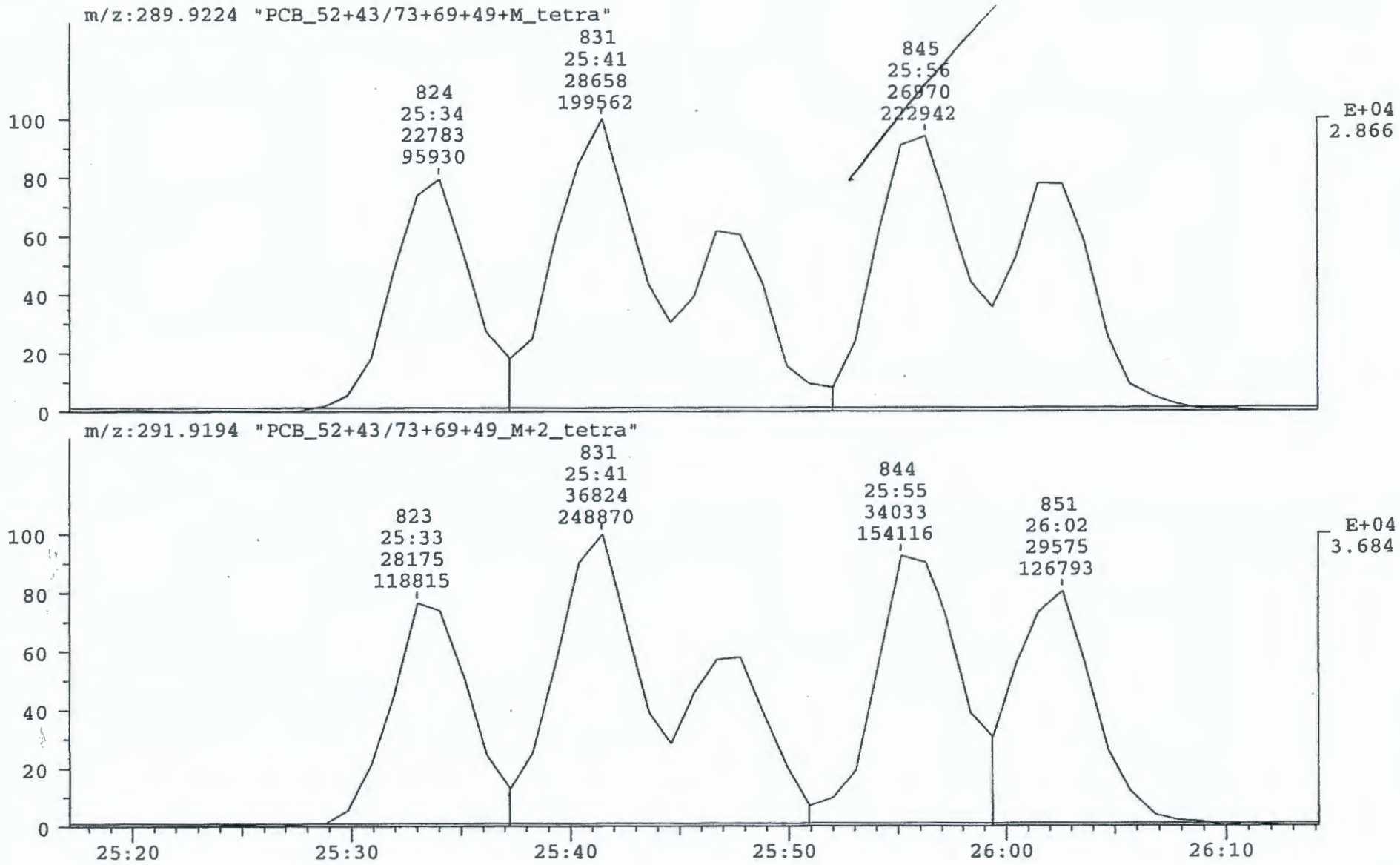
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  21:02.8      571
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



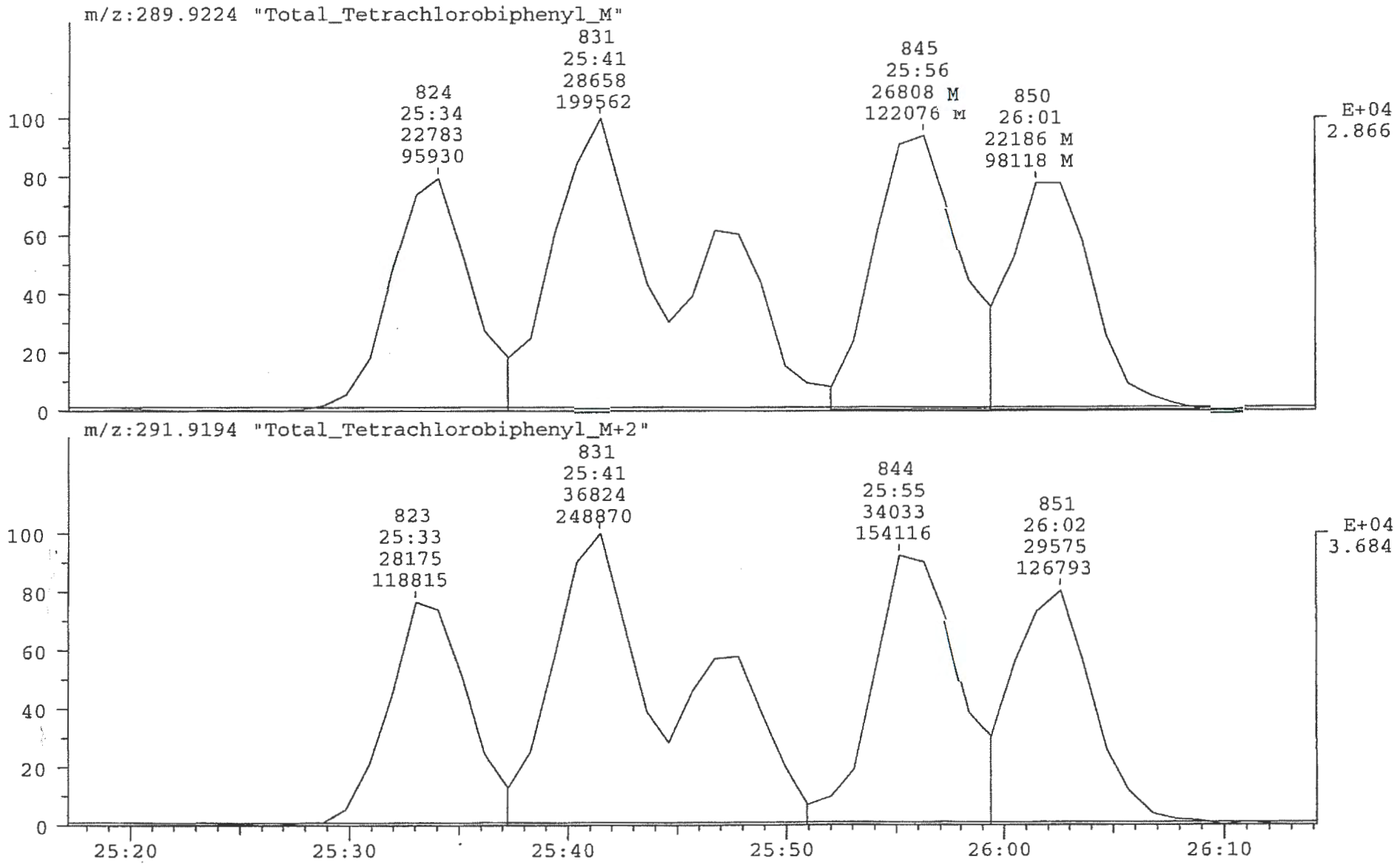
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  23:50.5      726
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



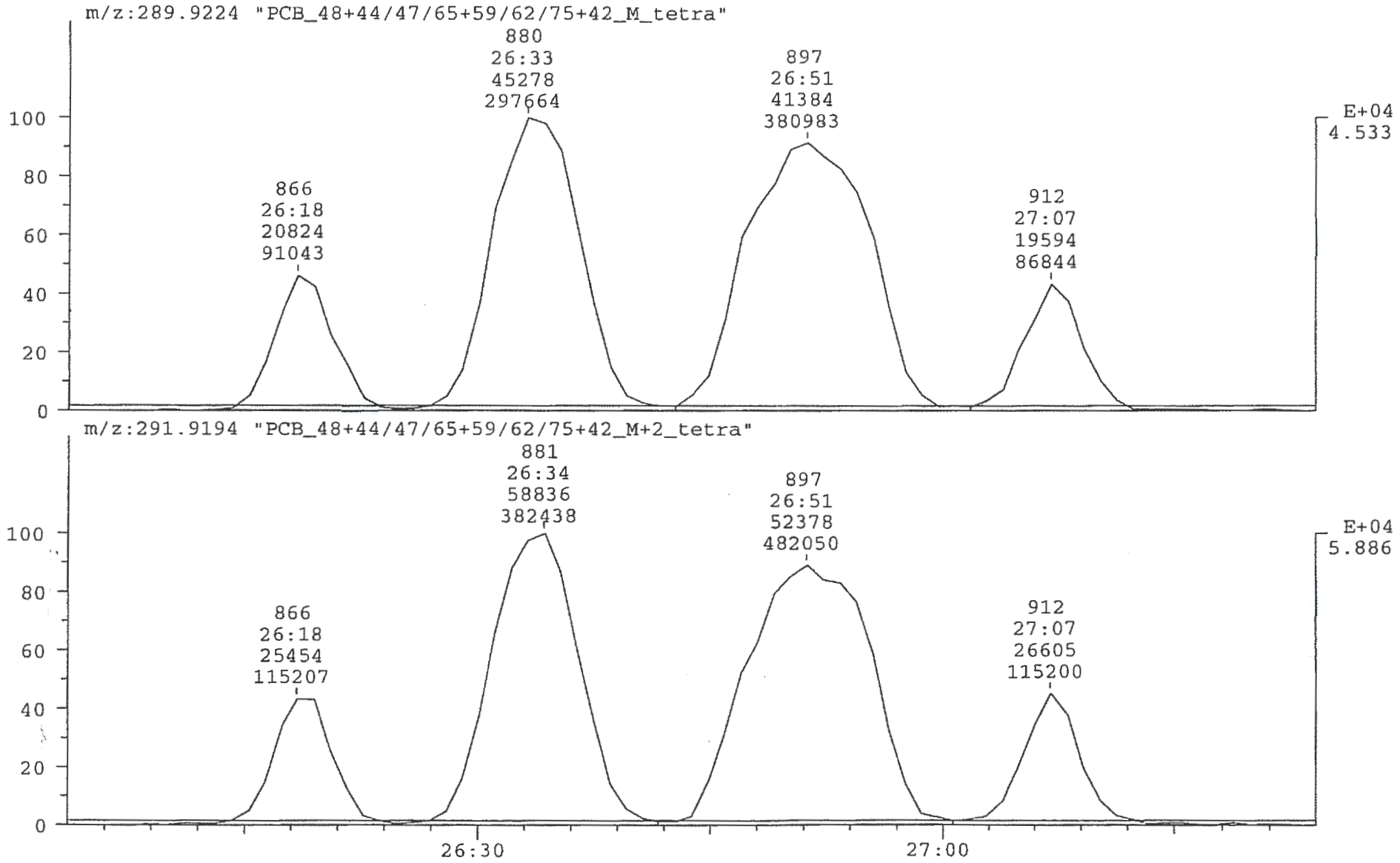
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  23:18.8      696
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



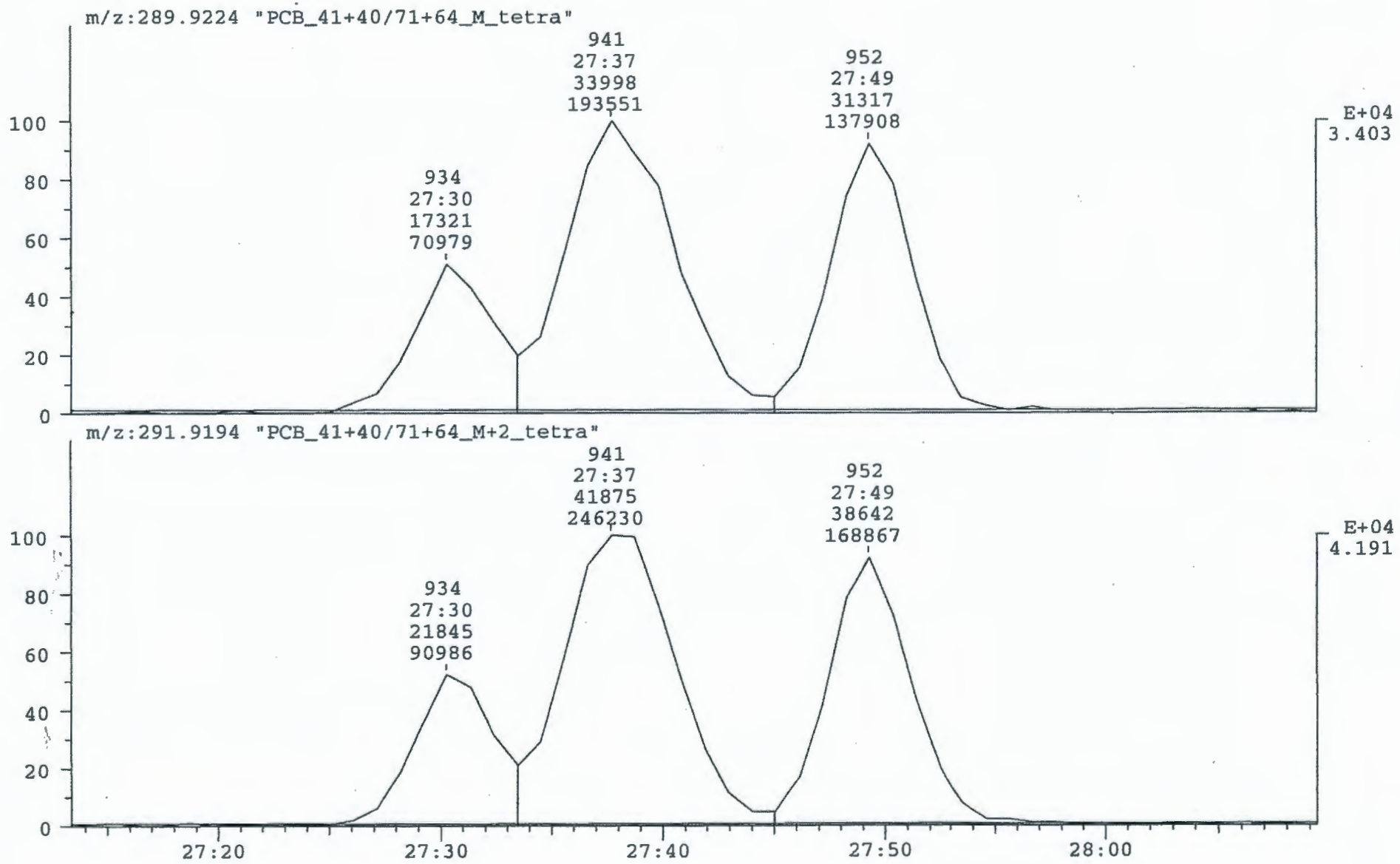
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  11:00.8        1
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



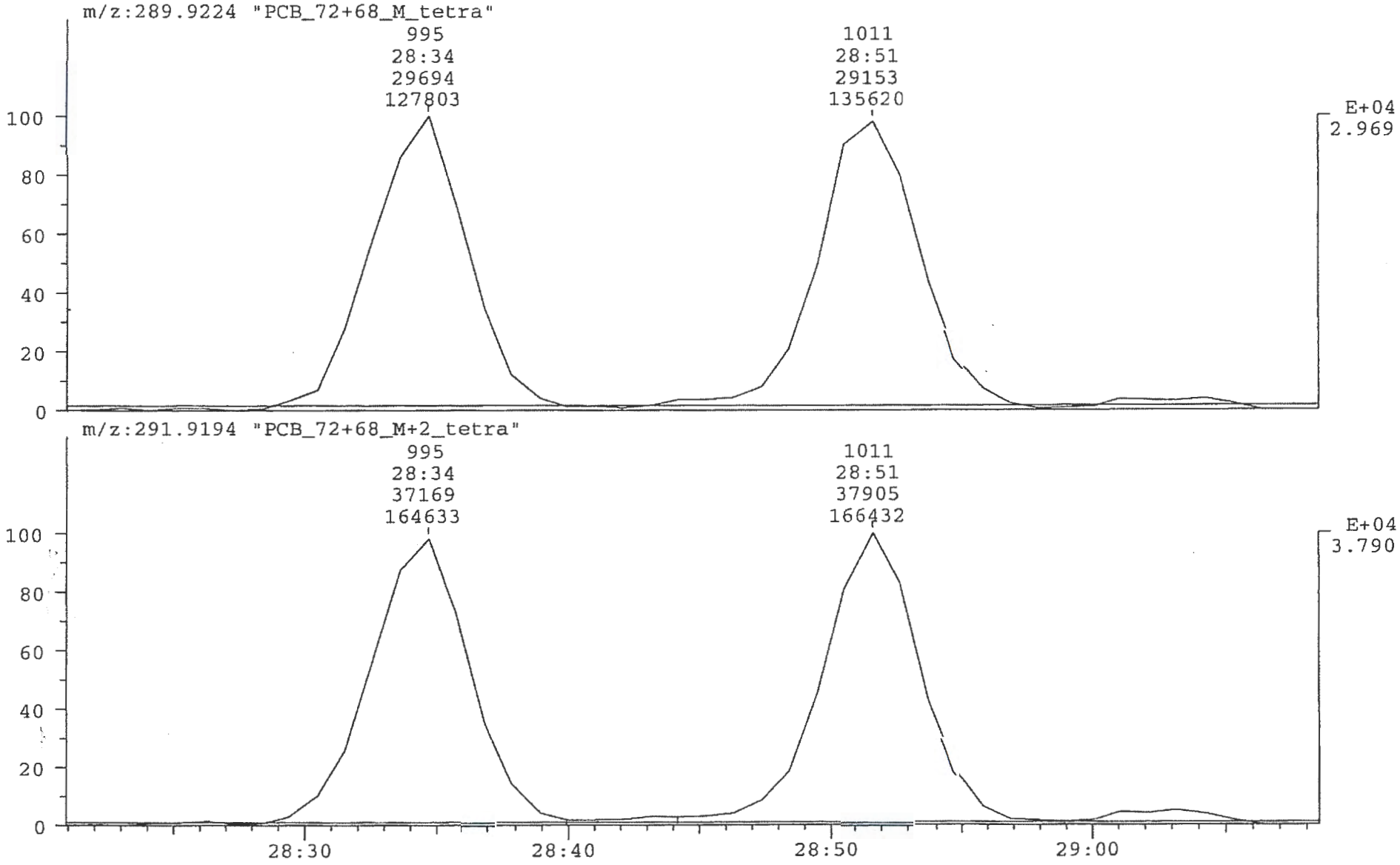
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  26:45.9      892
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



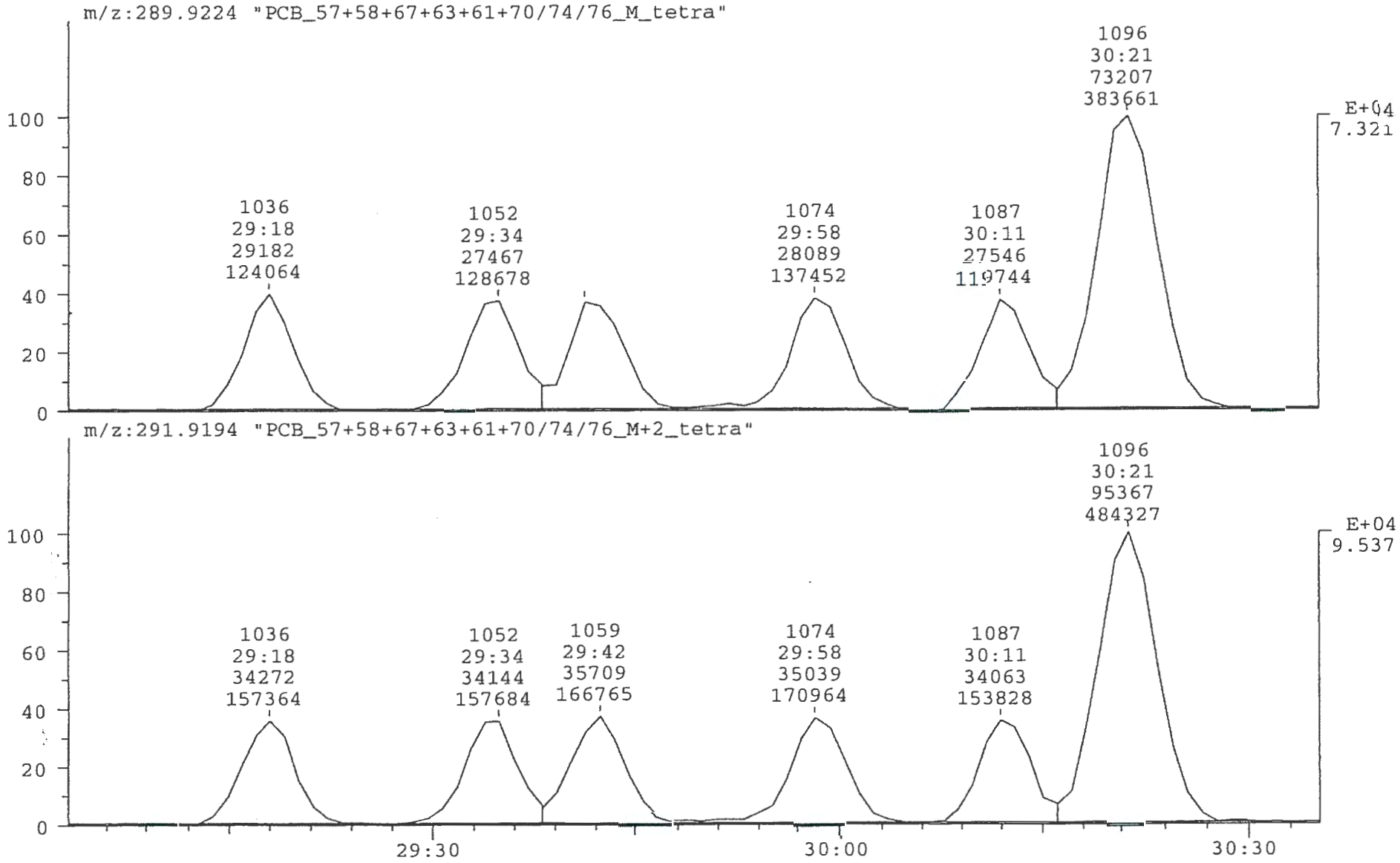
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  27:47.1      950
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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:  a070313i2                                13-Mar-07   Elapse:  28:47      1007
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

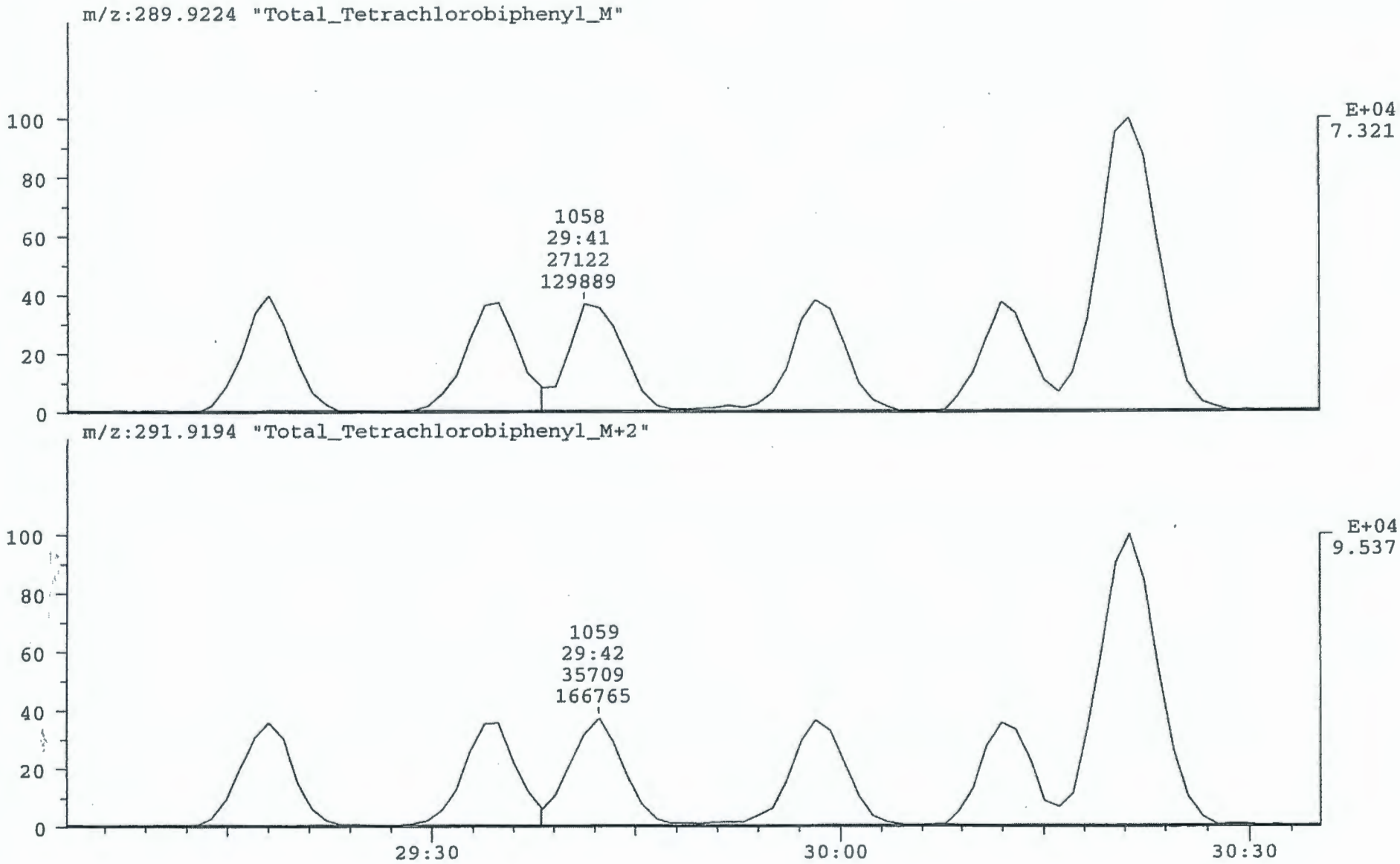


CHRO: a070313i2 13-Mar-07 Elapse: 29:52 1069
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1022 > 1109 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

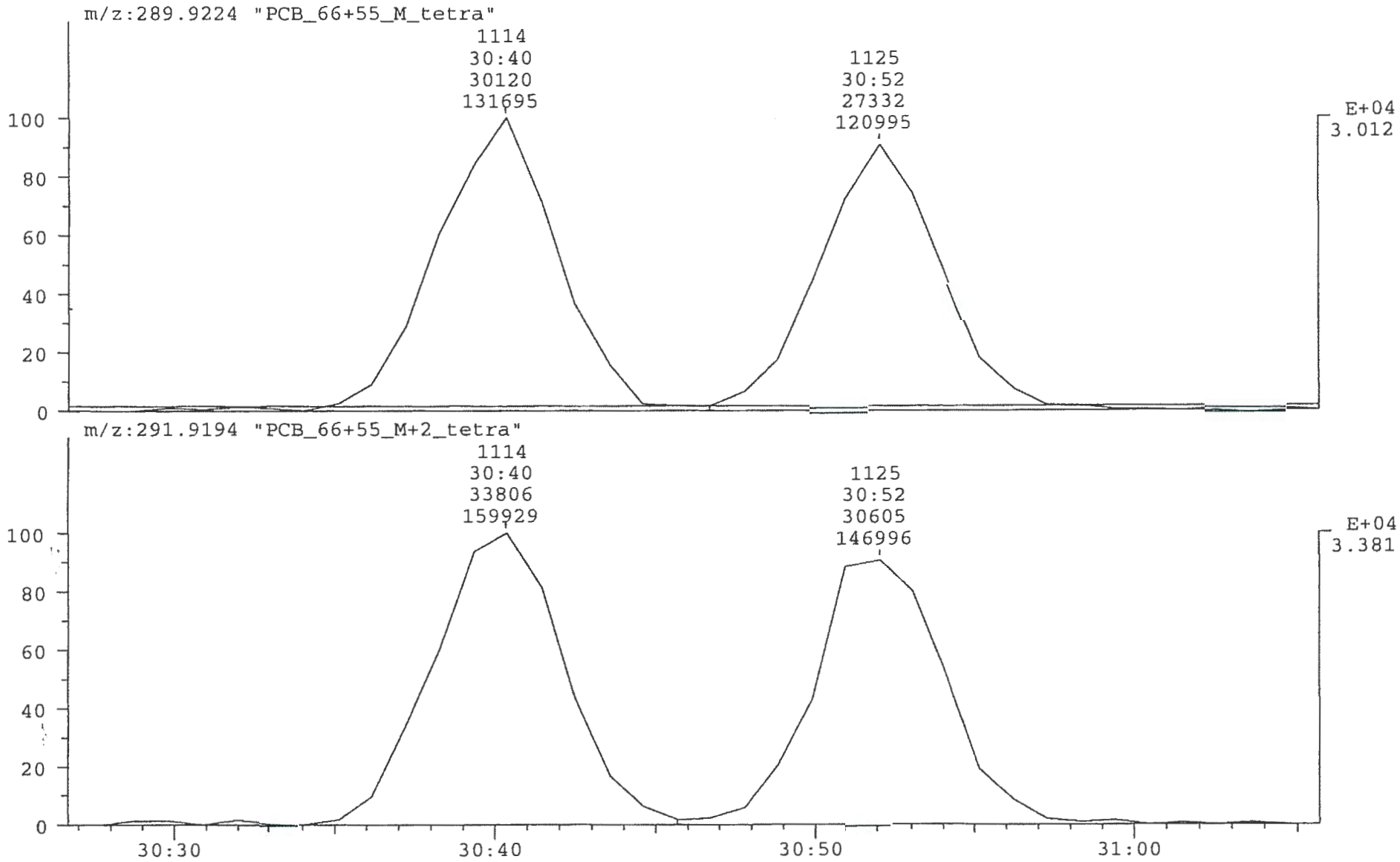


1371

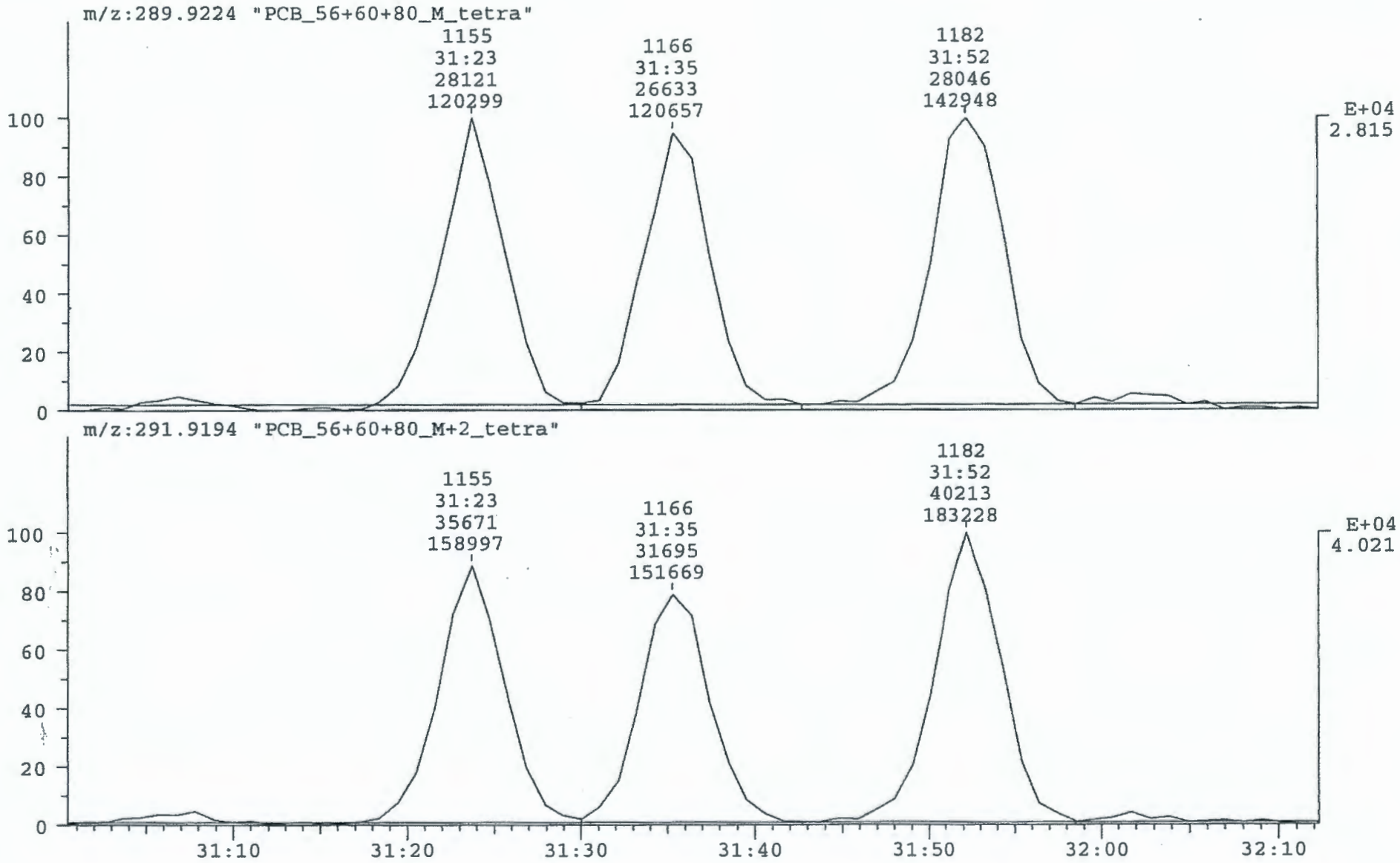
```
CHRO:  a070313i2                              13-Mar-07   Elapse:  29:41      1058
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1055 > 1061         Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3              Label :  -3, 3.0
Disp:  Height  Area
```



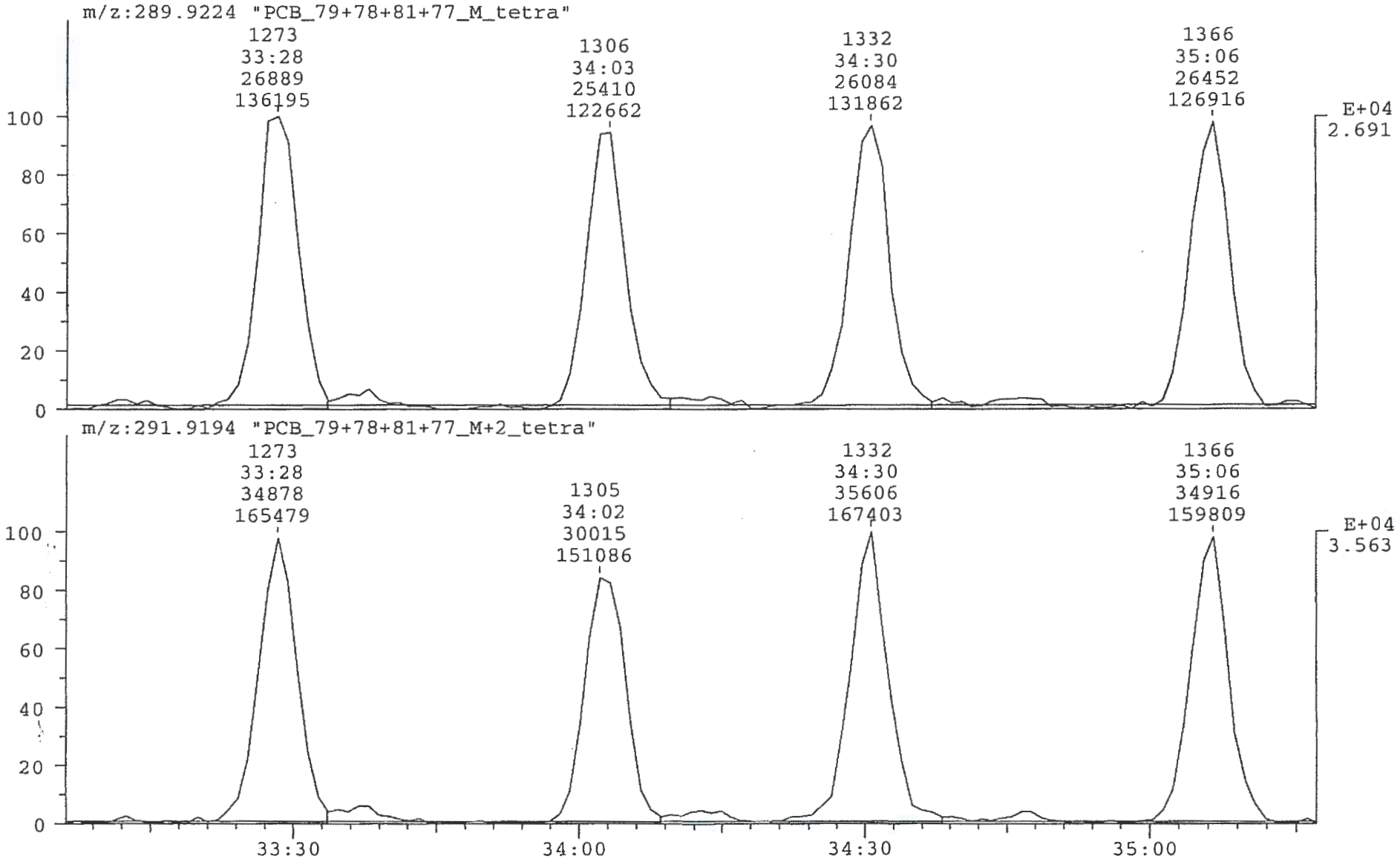
CHRO: a070313i2 13-Mar-07 Elapse: 30:49 1123
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1101 > 1138 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



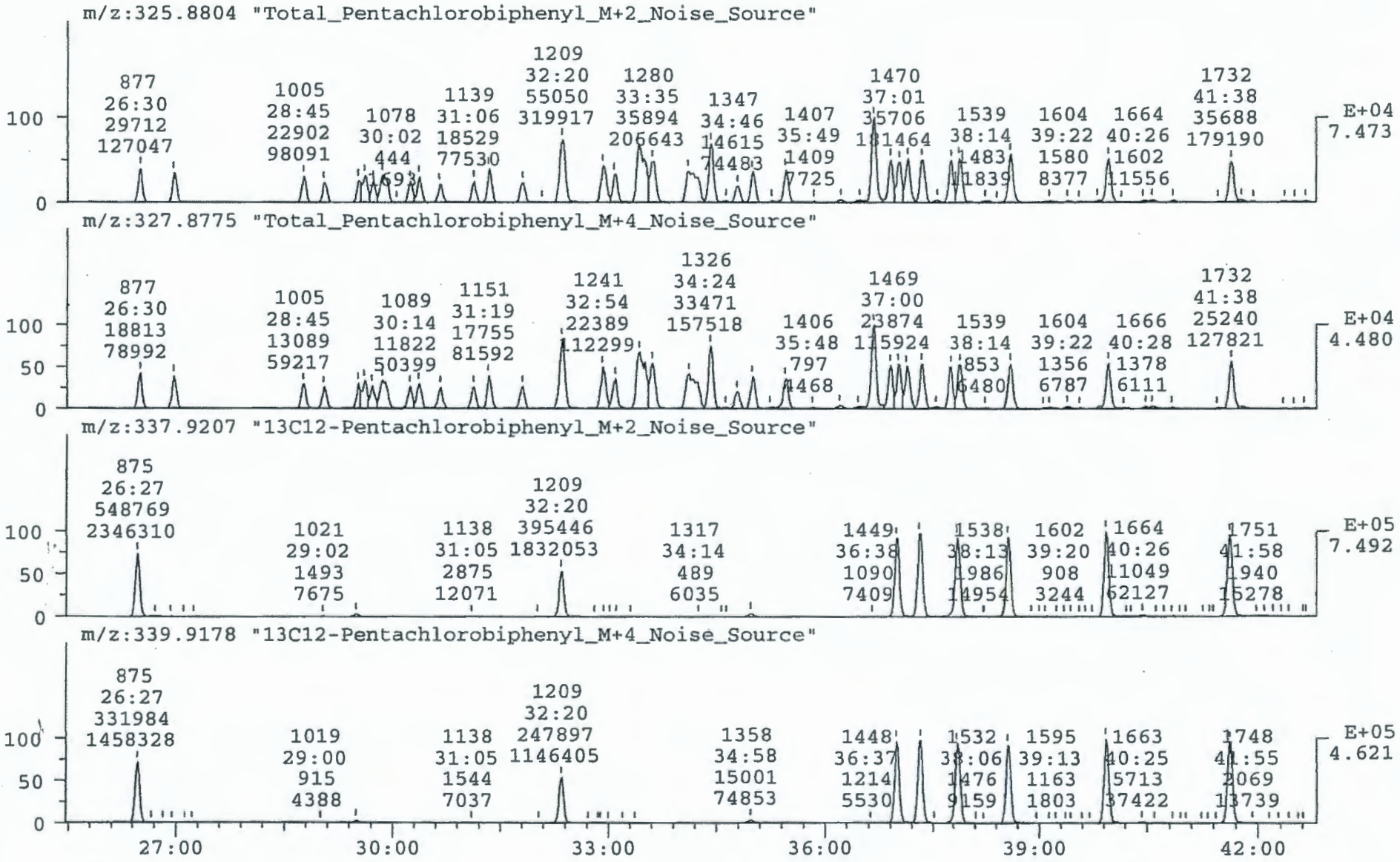
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  31:40      1171
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1133 > 1201           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



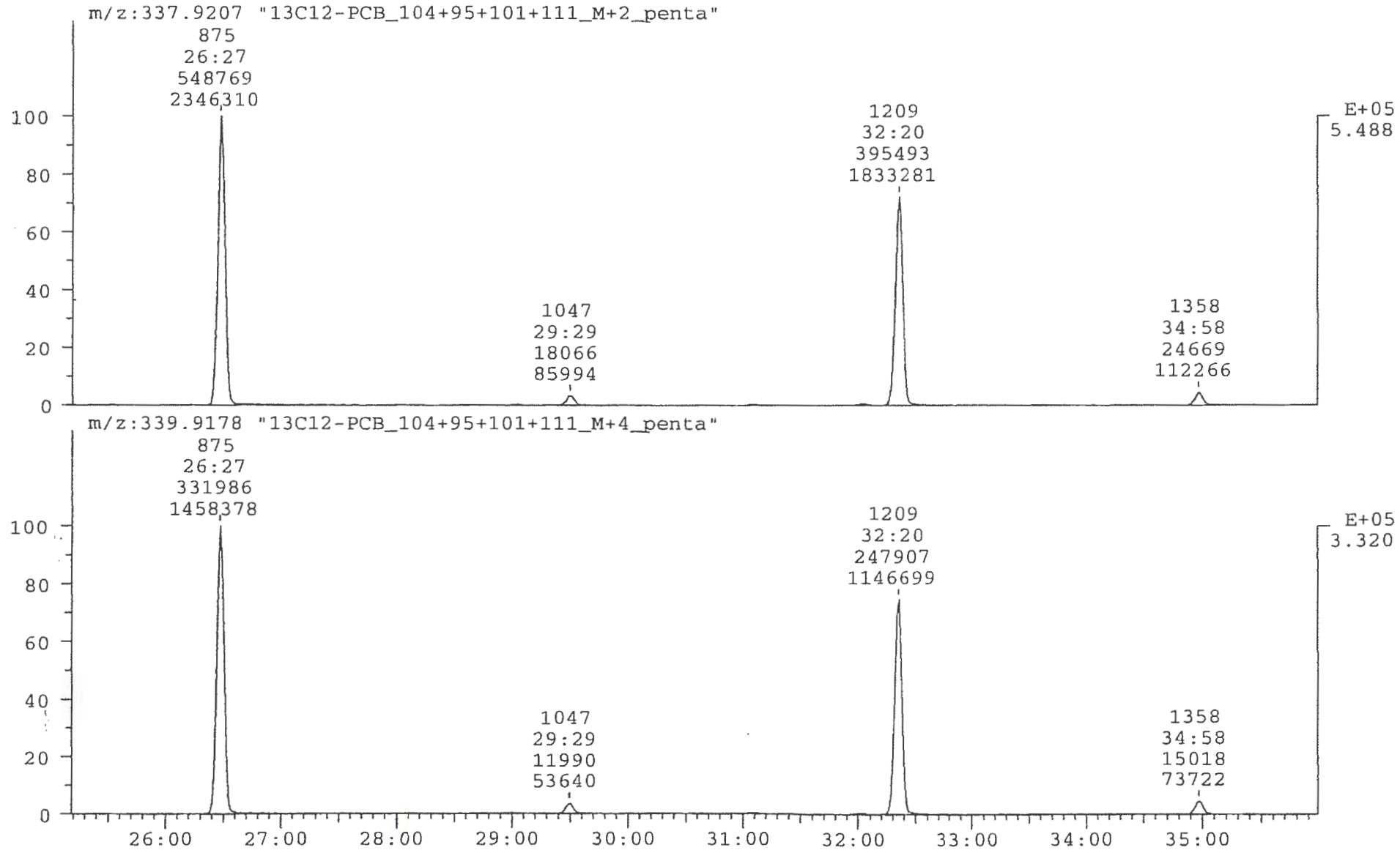
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  34:13      1316
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



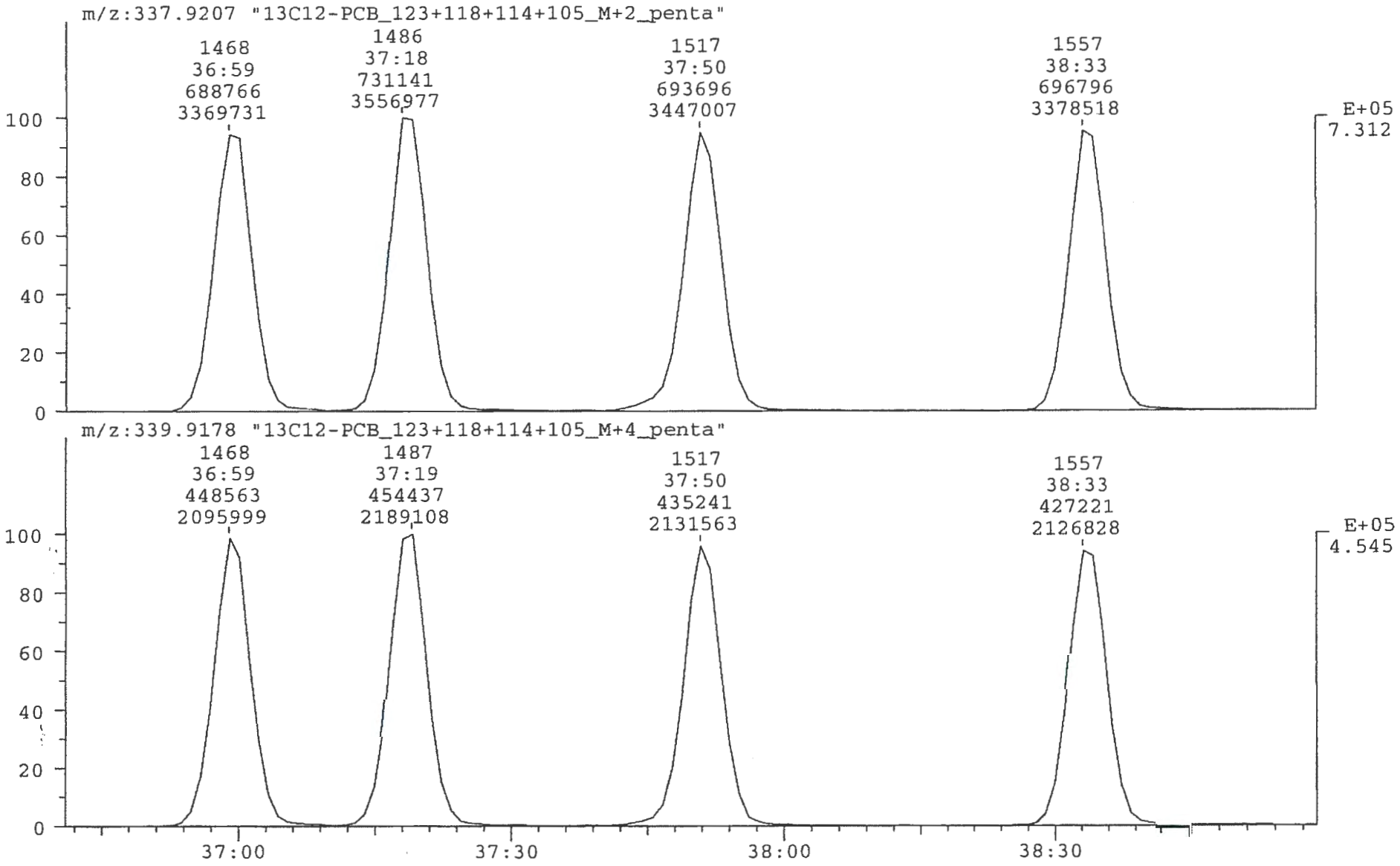
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  34:08      1311
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



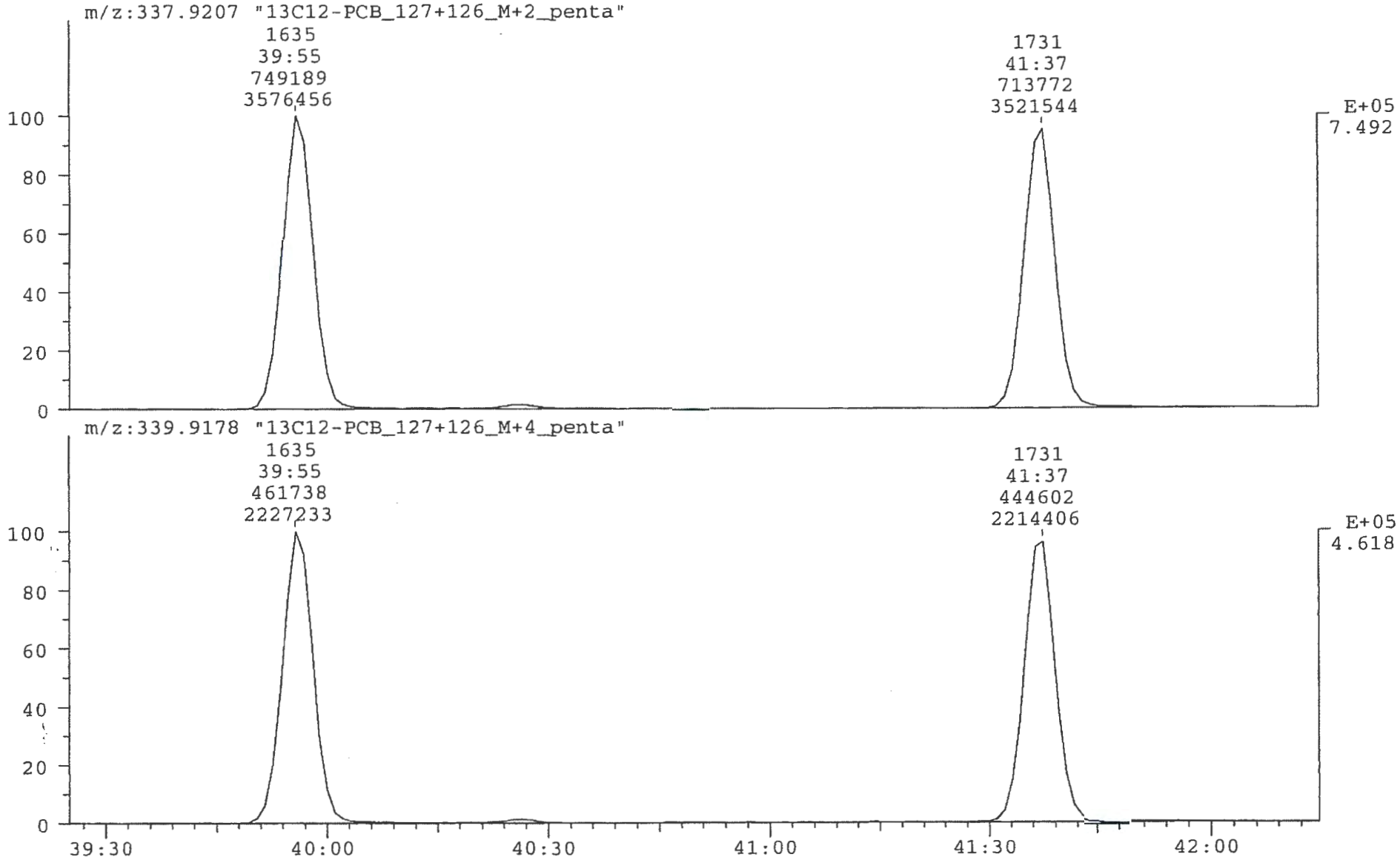
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  30:35      1109
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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:  a070313i2                                13-Mar-07   Elapse:  37:49      1516
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

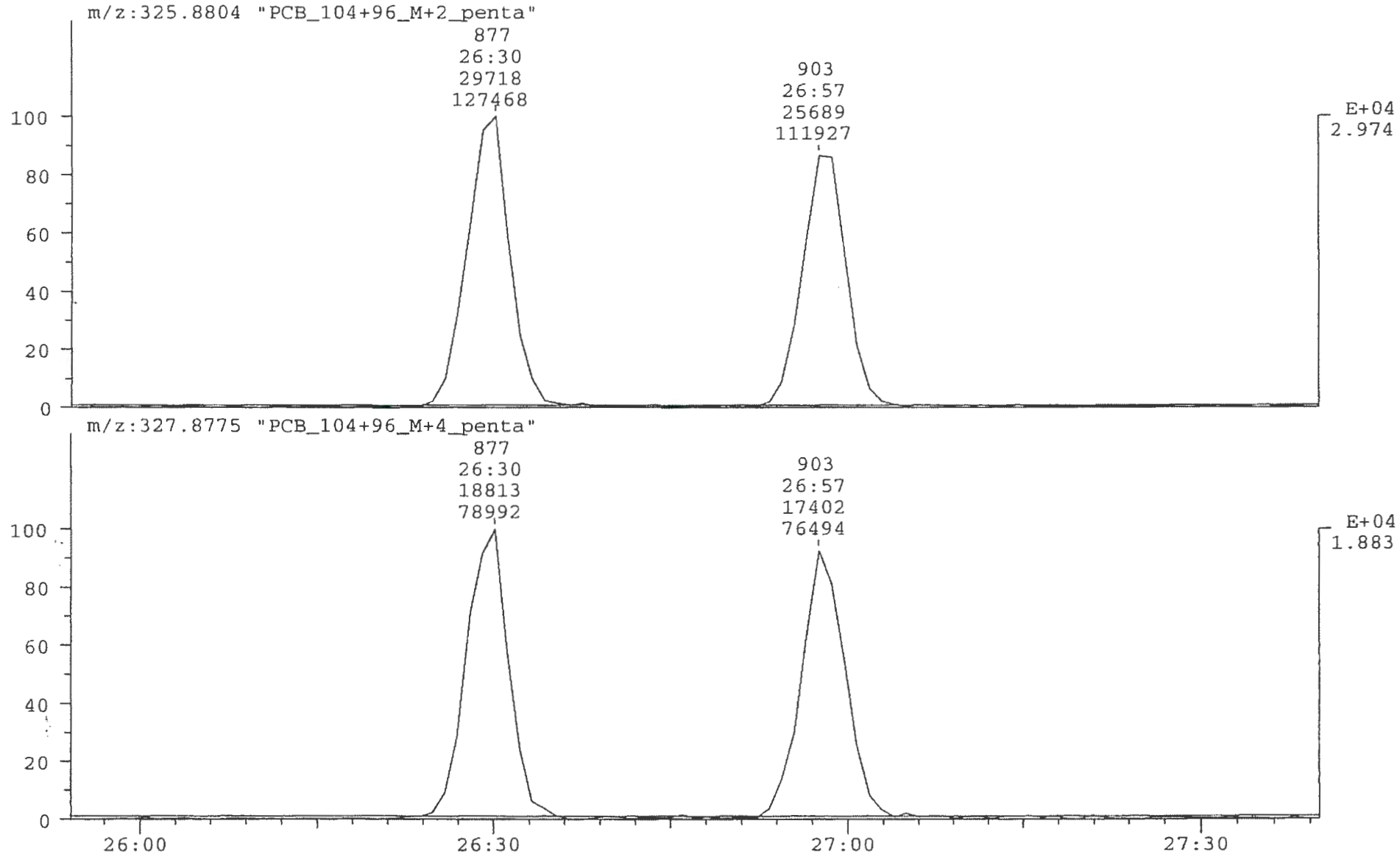


```
CHRO:  a070313i2                                13-Mar-07   Elapse:  40:49      1686
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

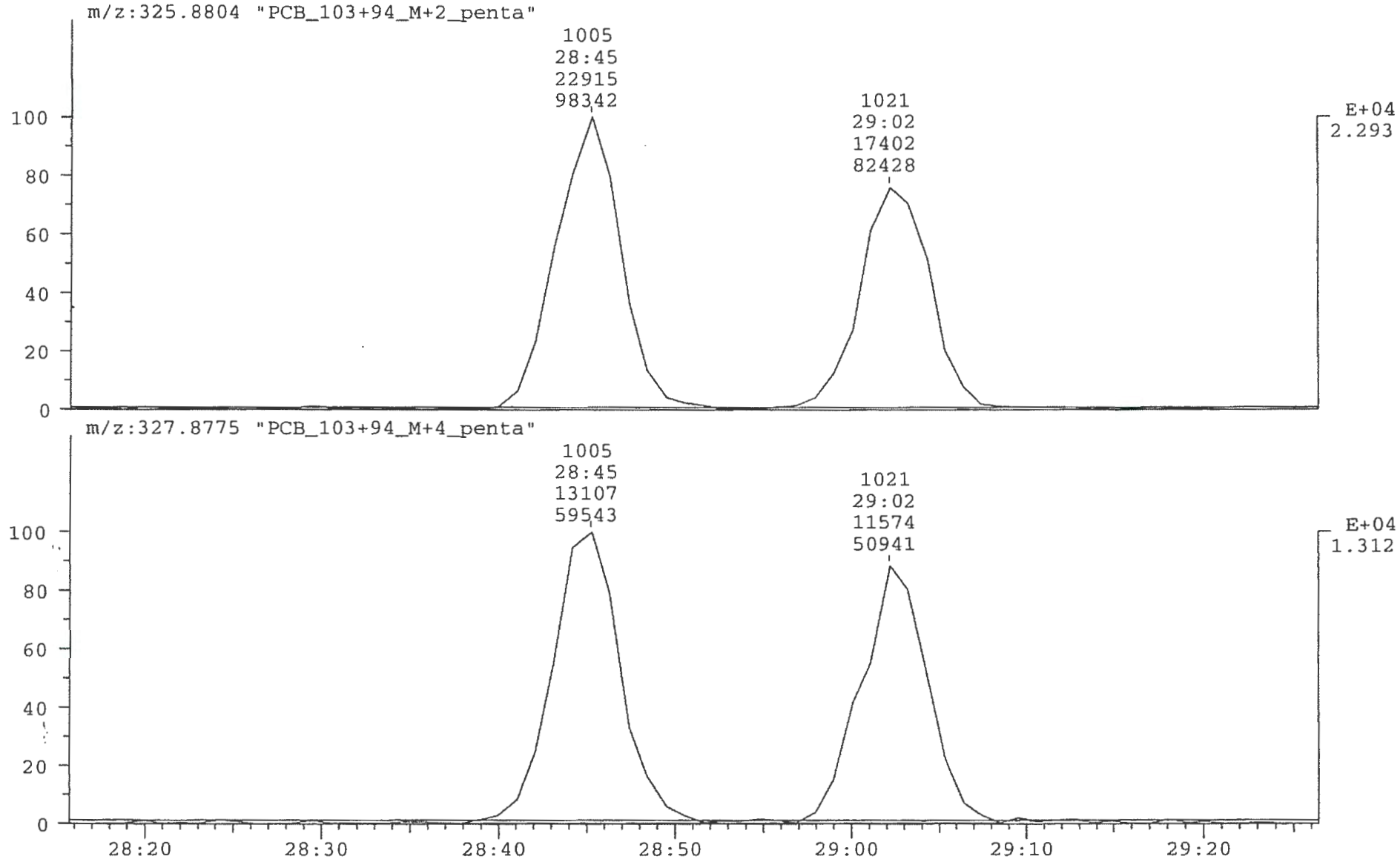


1379

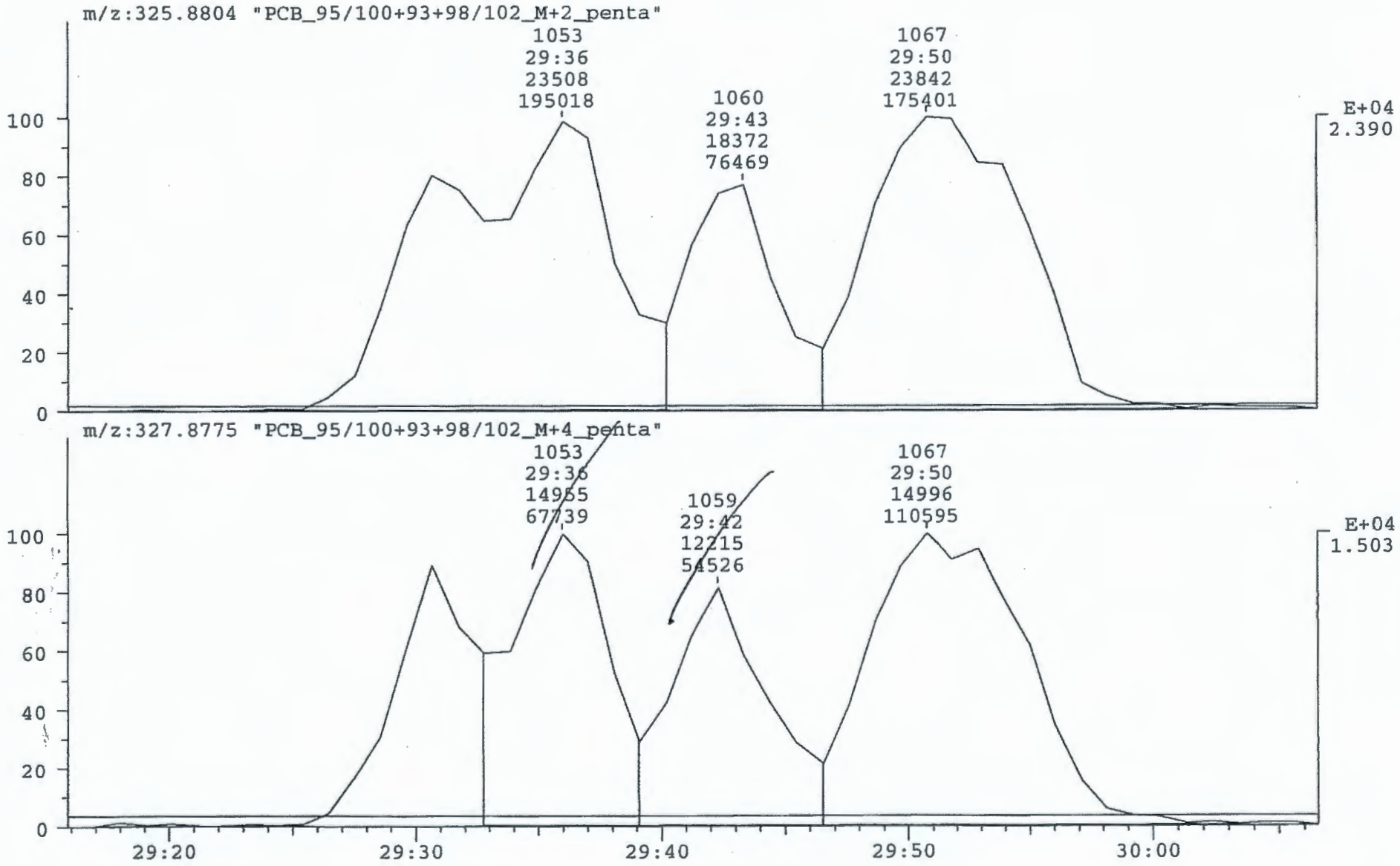
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  26:47.9      893
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15    2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



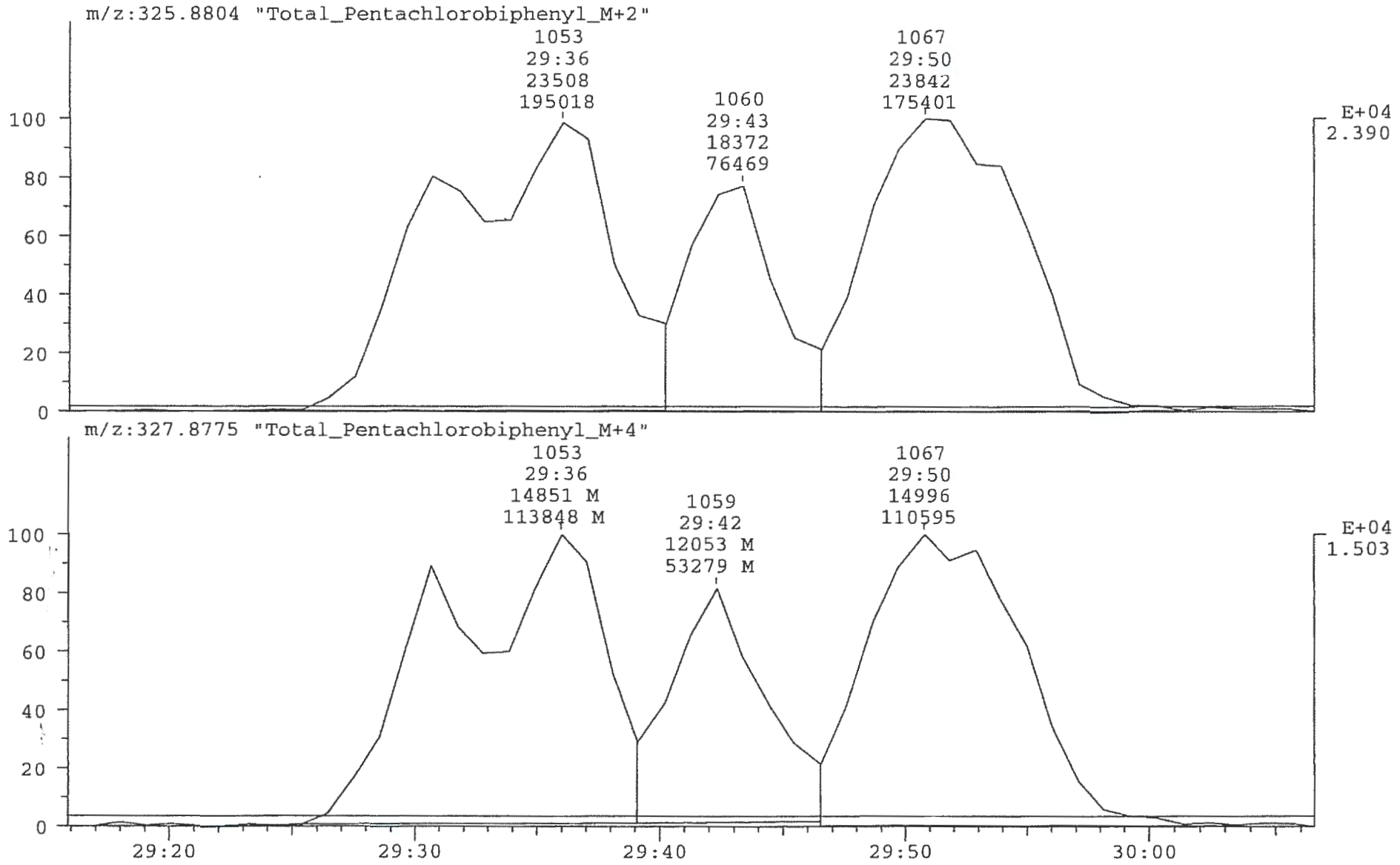
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  28:57      1017
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



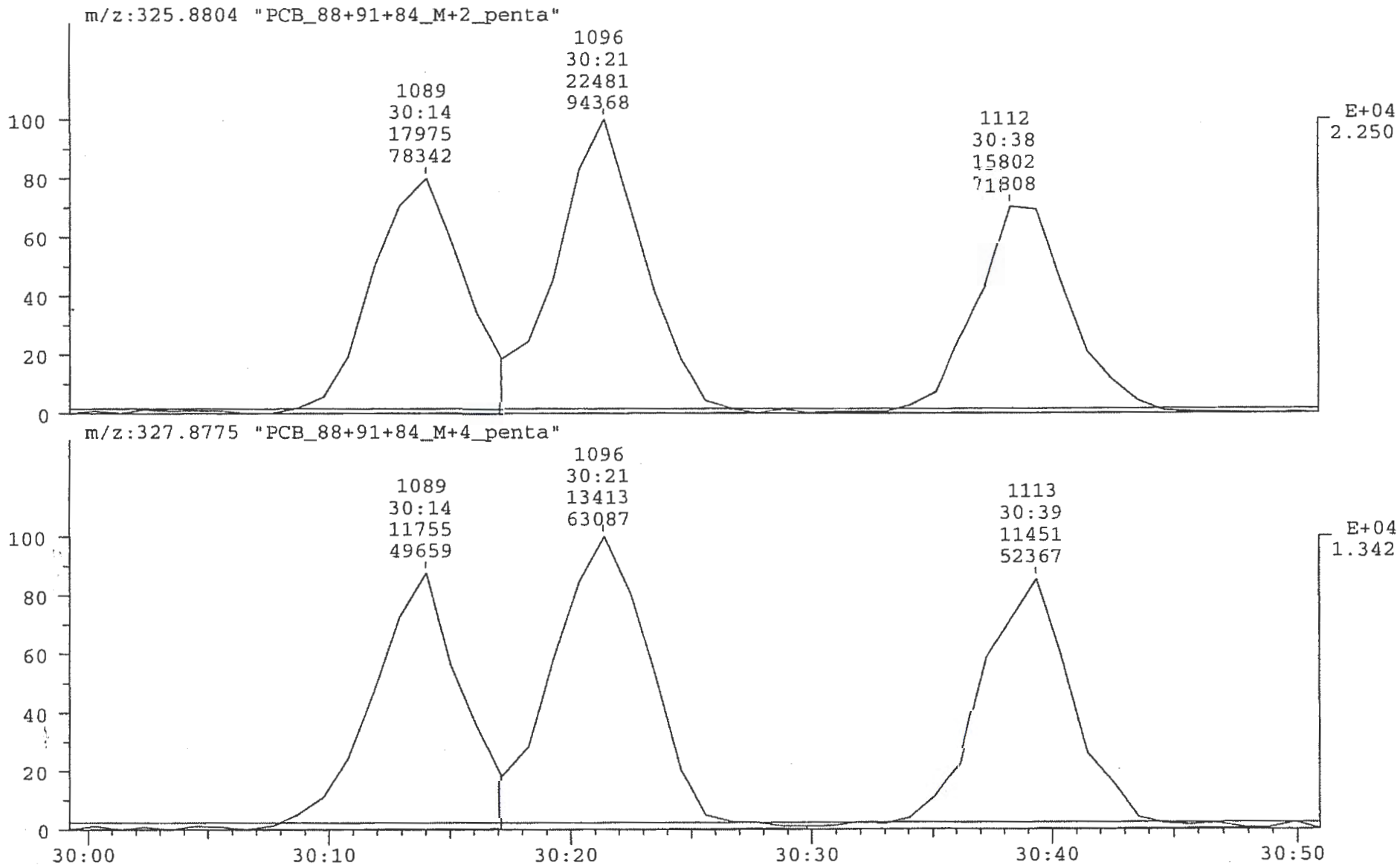
CHRO: a070313i2 13-Mar-07 Elapse: 29:44 1061
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1034 > 1082 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 4 Label : -3, 3.0
Disp: Height Area



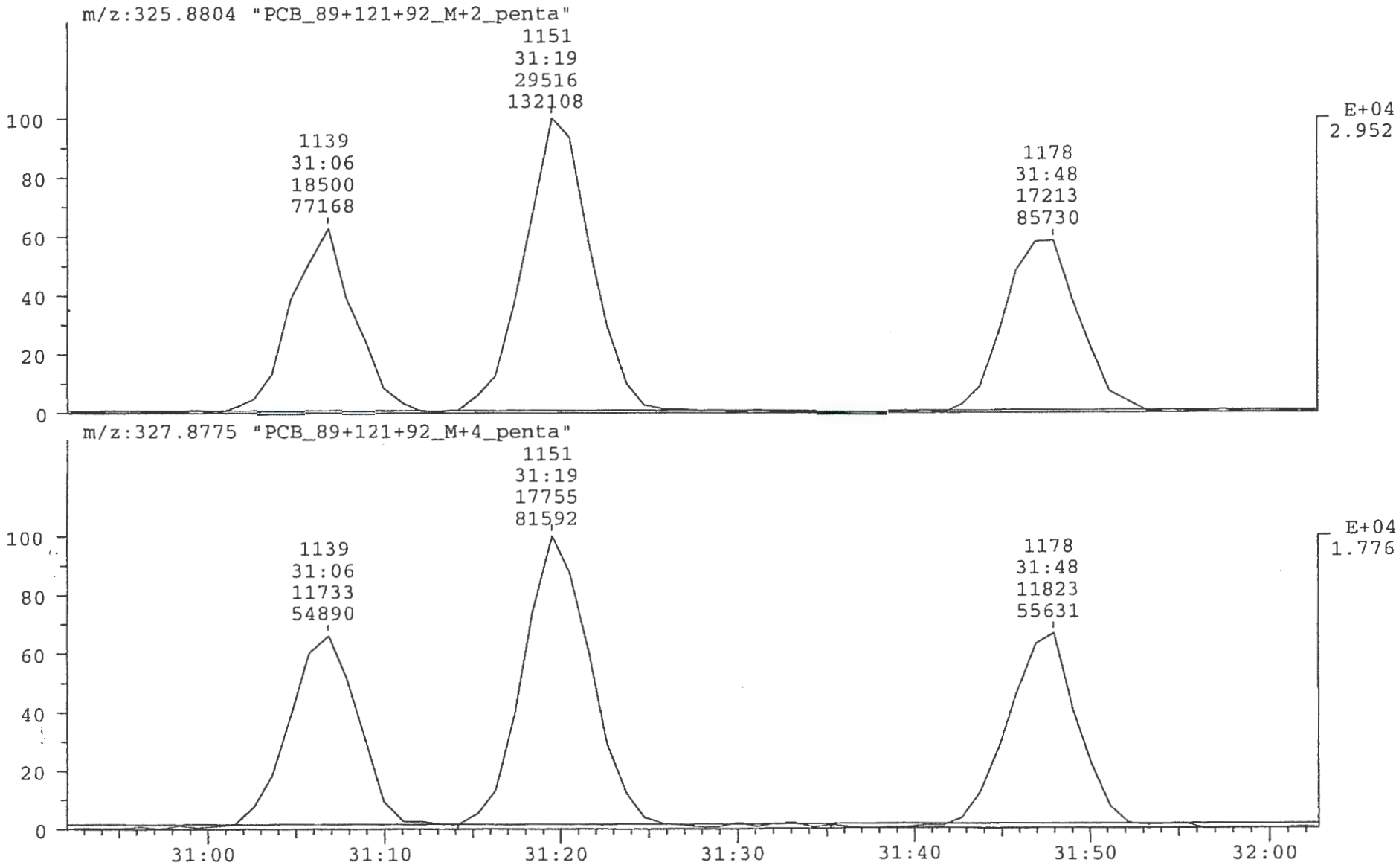
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  29:41      1058
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1034 > 1082           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



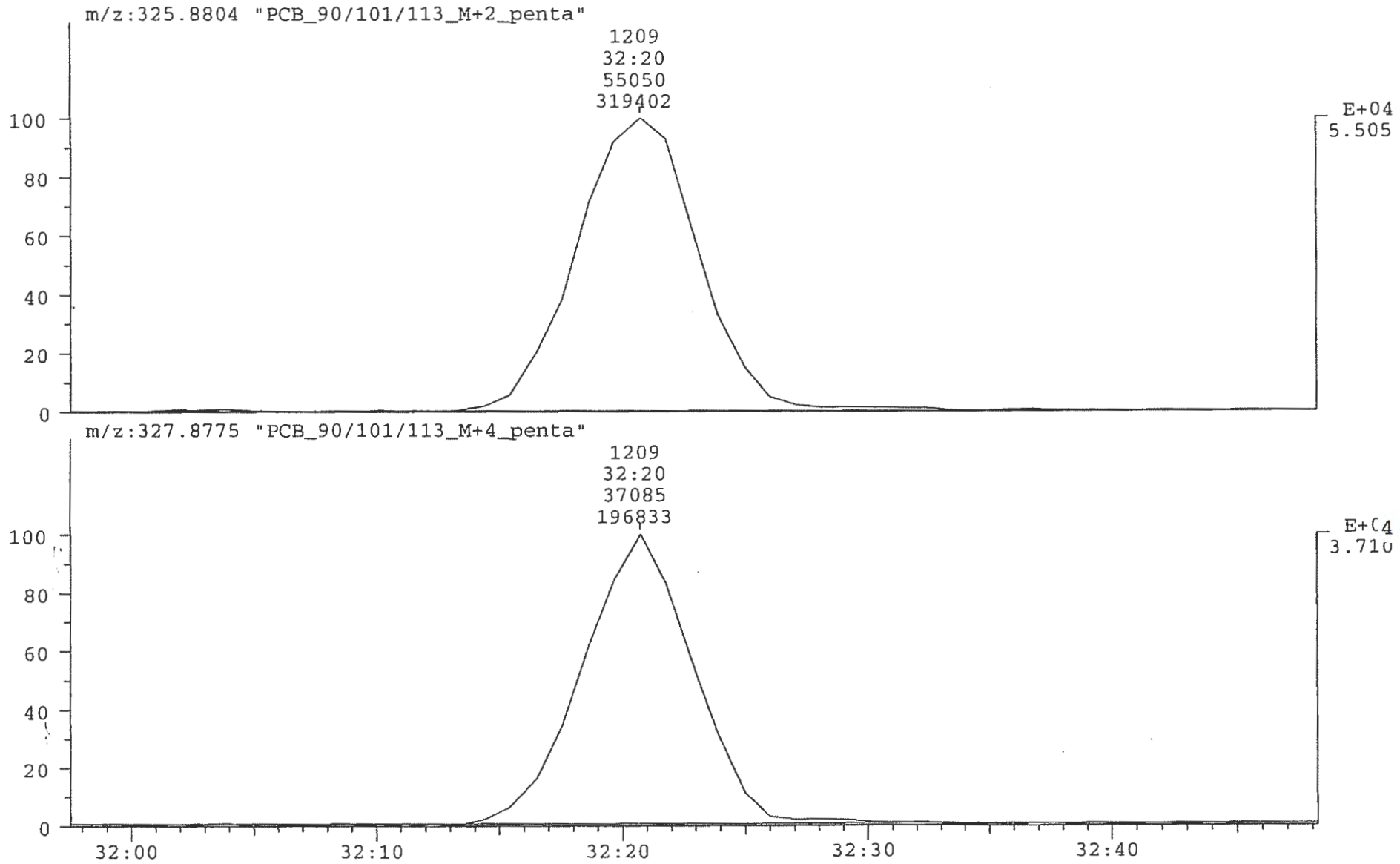
CHRO: a070313i2 13-Mar-07 Elapse: 30:29 1104
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1075 > 1124 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



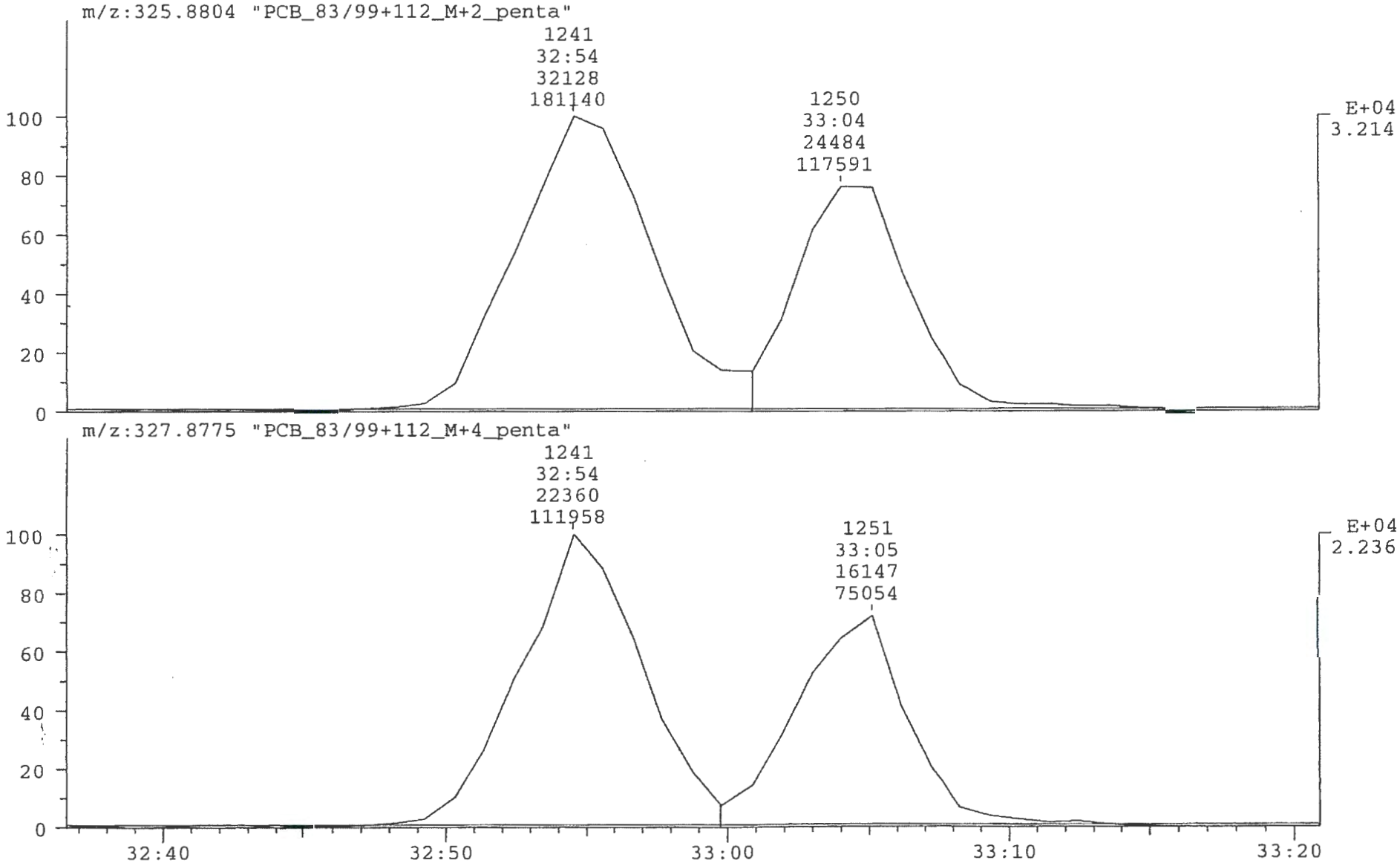
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  31:31      1162
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



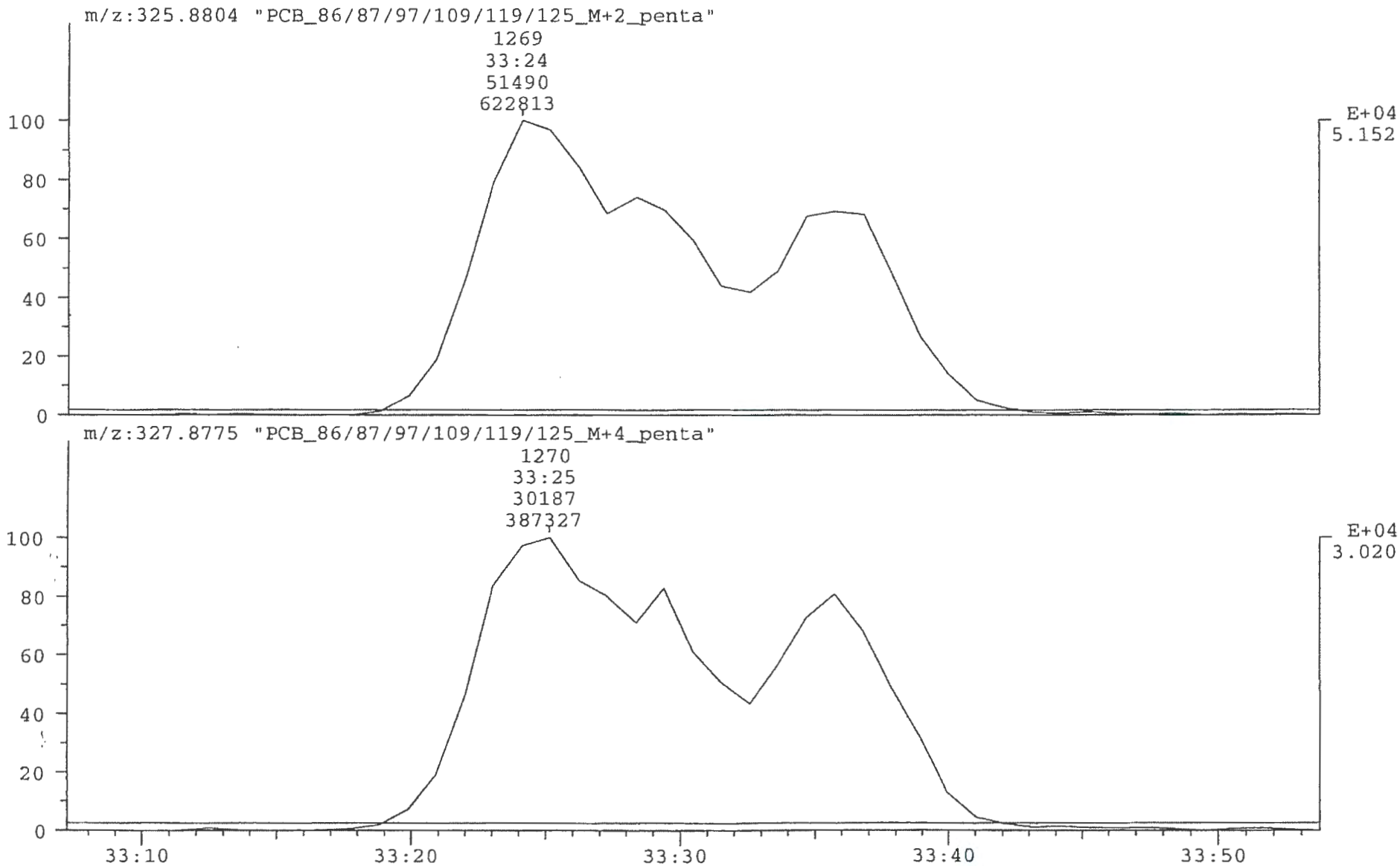
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  32:21      1210
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



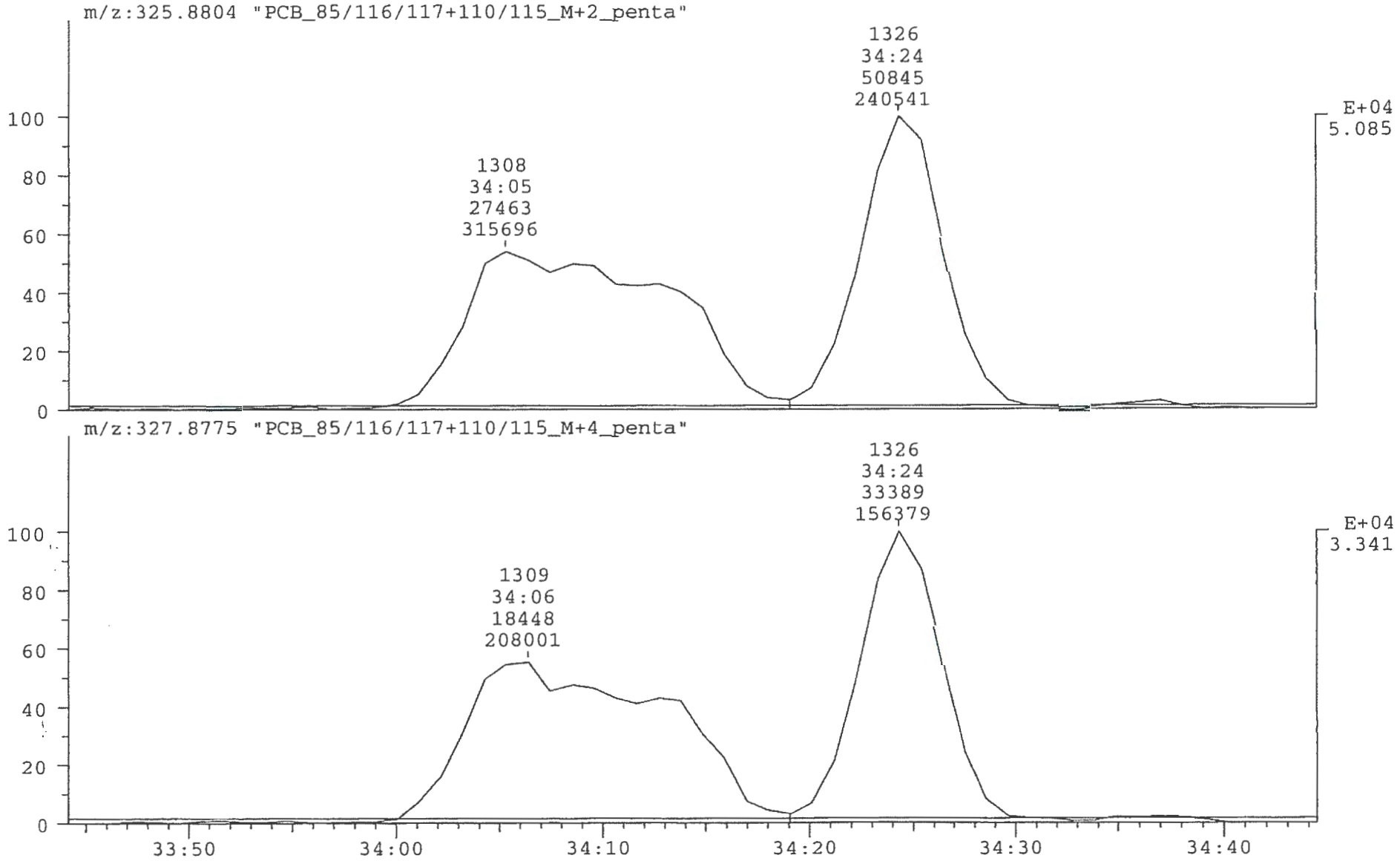
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  33:03      1249
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



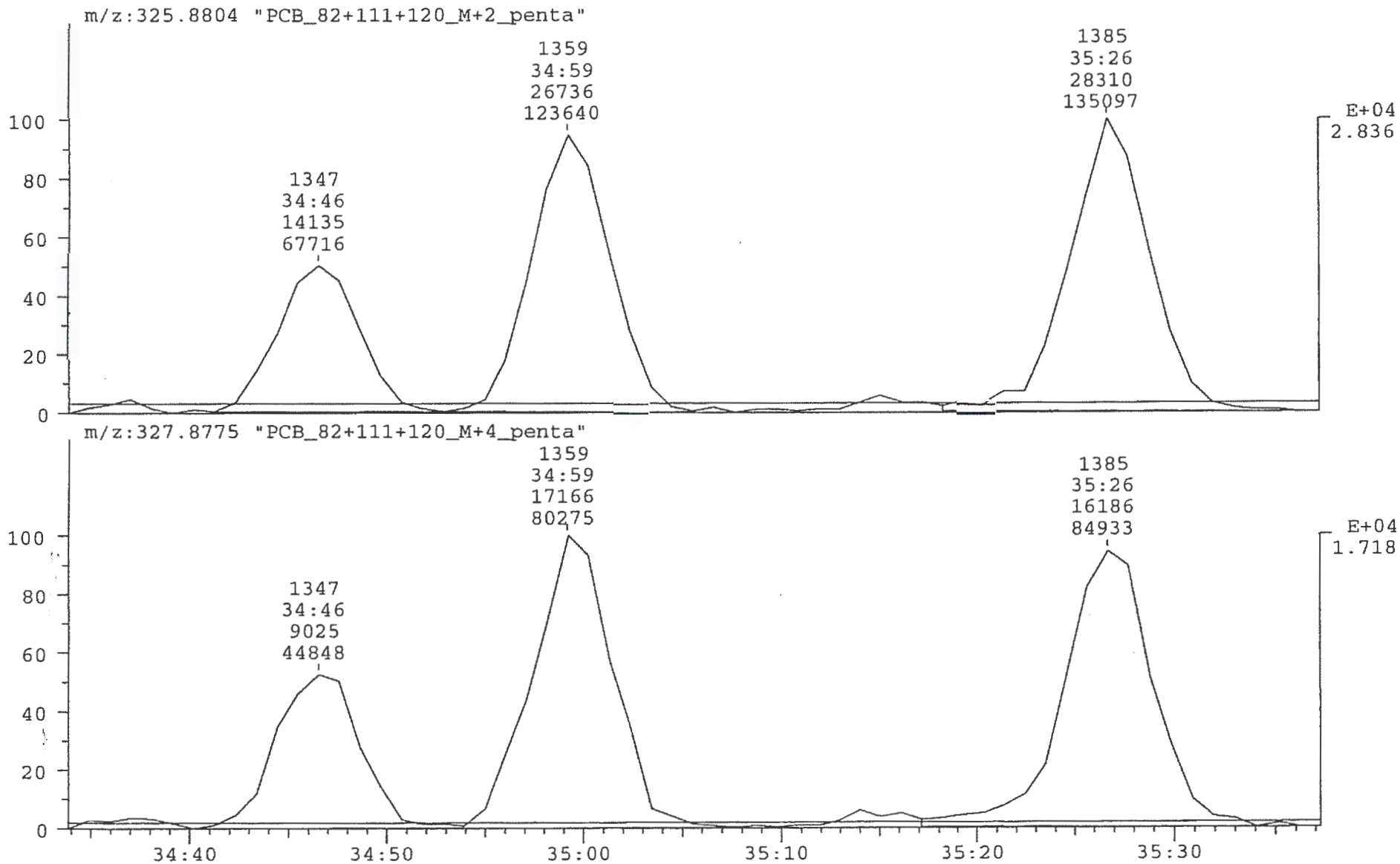
```
CHRO:  a070313i2                              13-Mar-07   Elapse:  56:13      2556
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                          Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville              Inlet :  GC     Vial   5
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
```



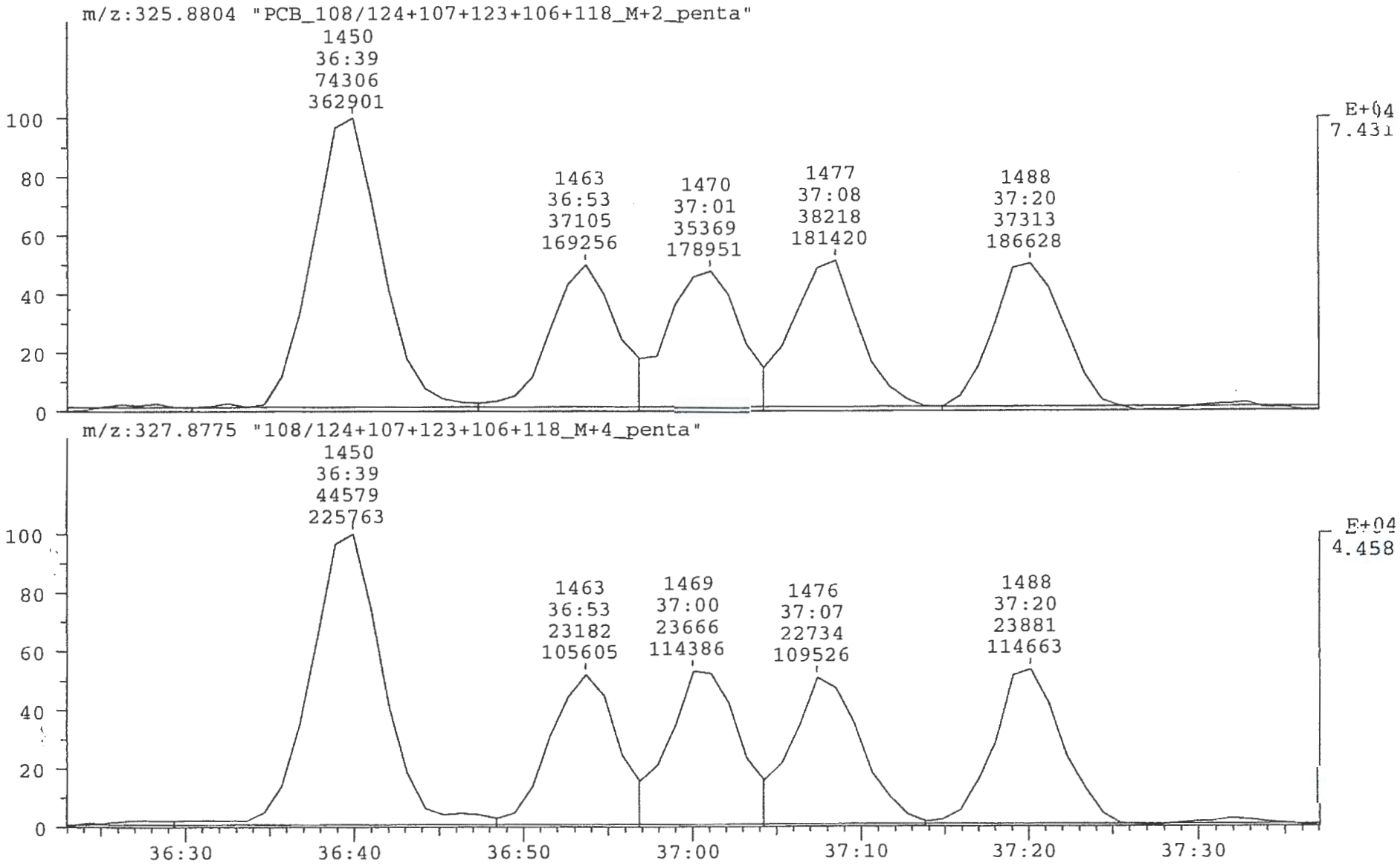
CHRO: a070313i2 13-Mar-07 Elapse: 34:23 1325
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1288 > 1345 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 6 Label : -3, 3.0
Disp: Height Area



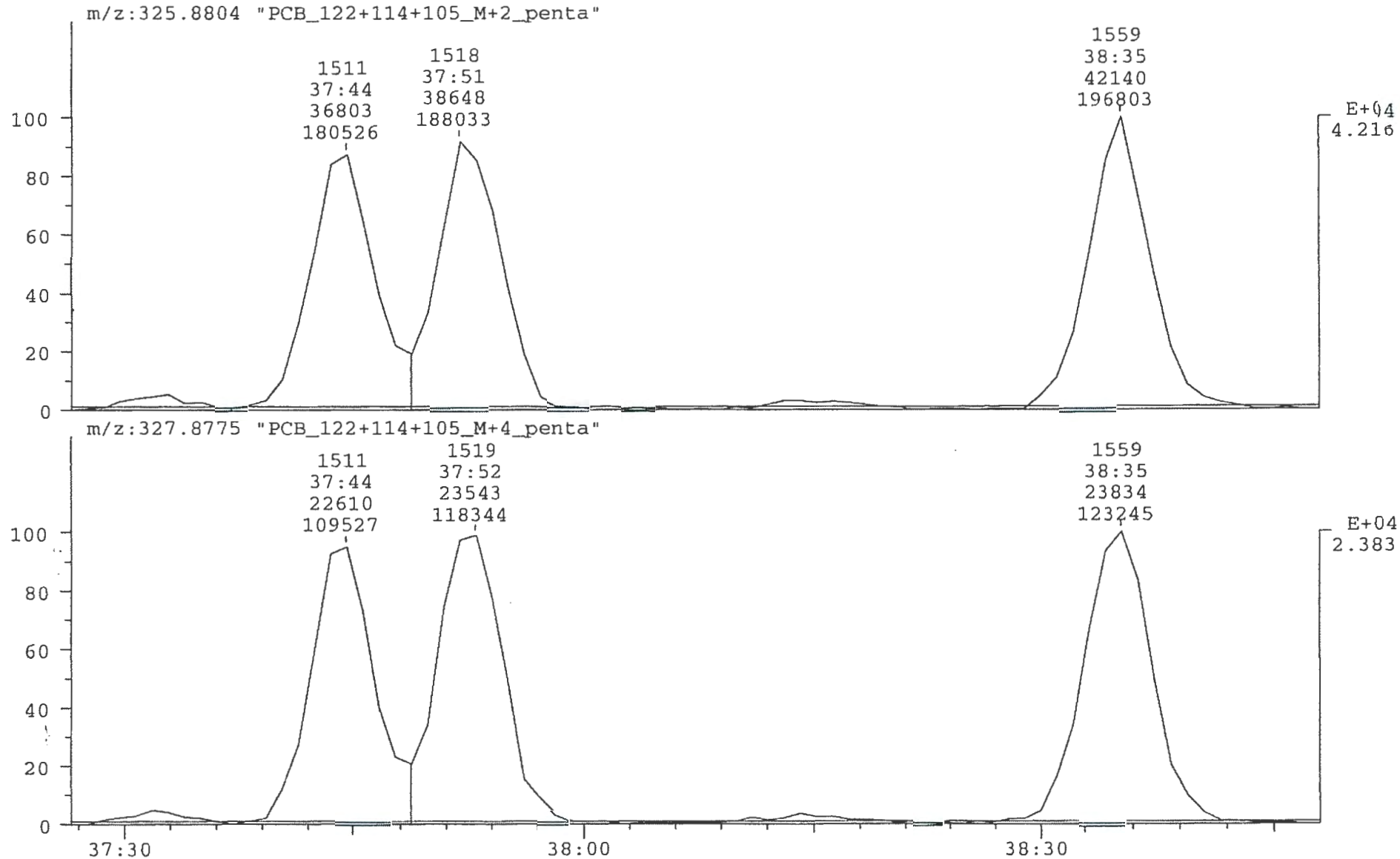
CHRO: a070313i2 13-Mar-07 Elapse: 34:55 1355
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1335 > 1395 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



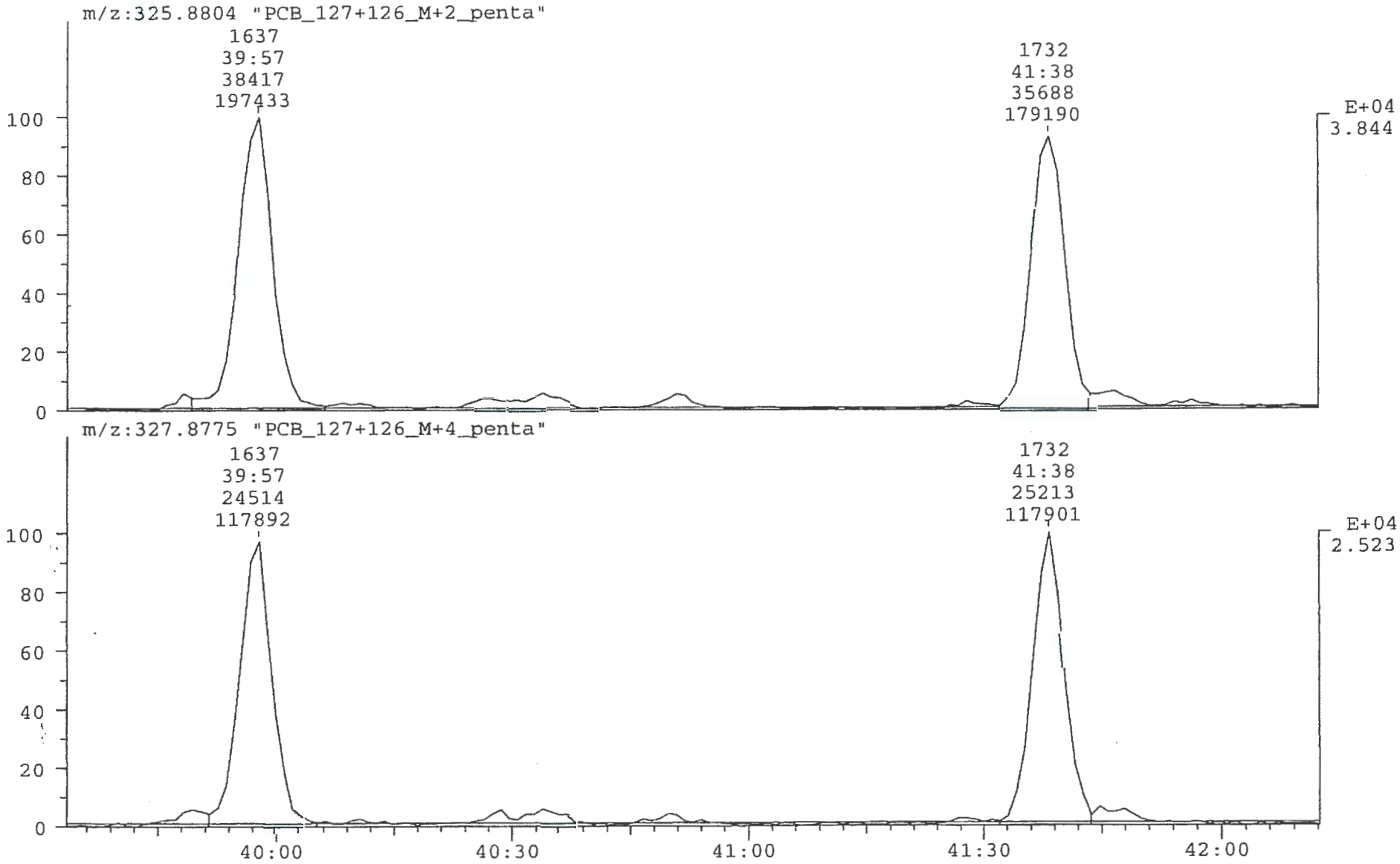
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  37:10      1479
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1434 > 1504           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



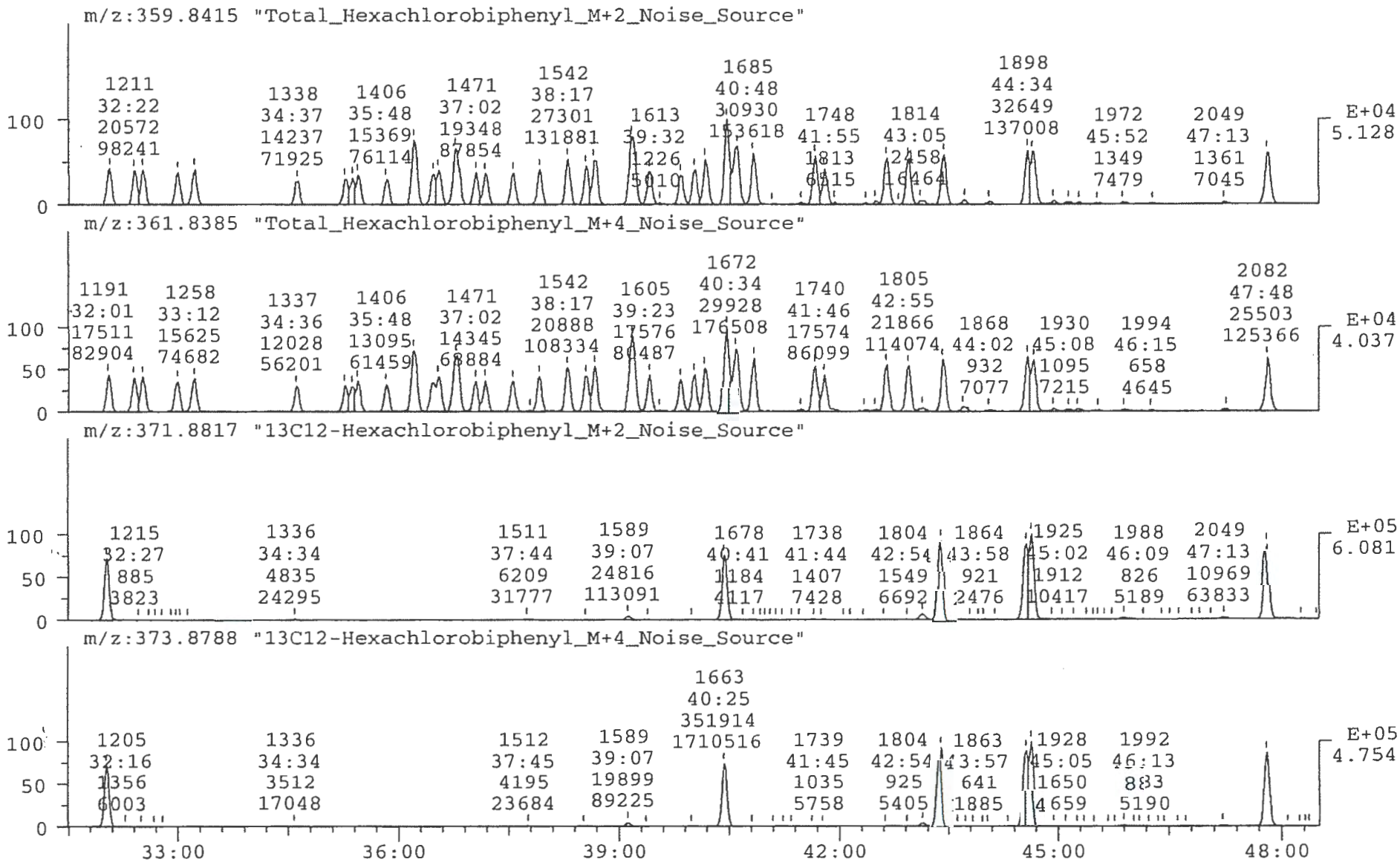
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  38:14      1539
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



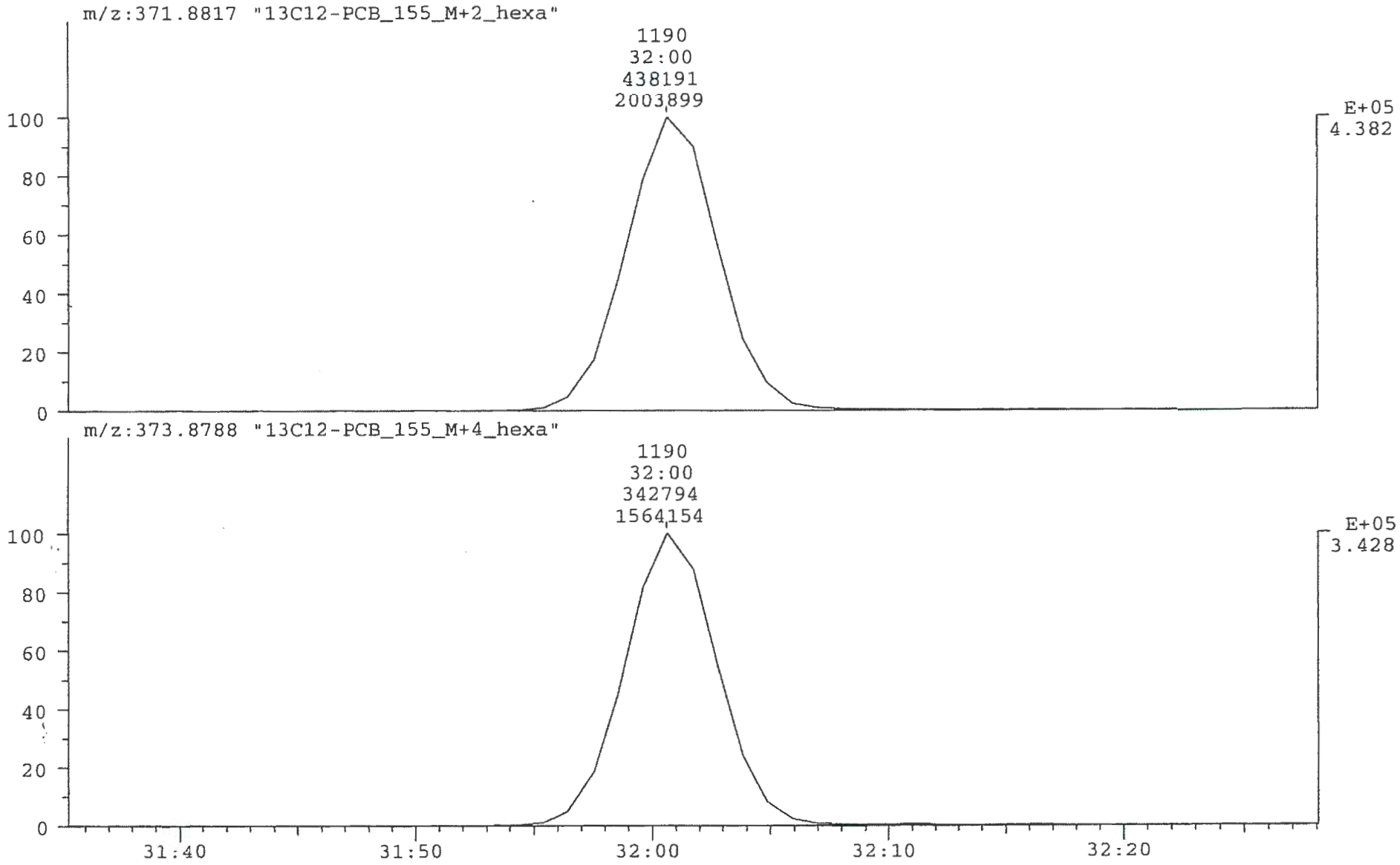
CHRO: a070313i2 13-Mar-07 Elapse: 40:52 1689
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1614 > 1764 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



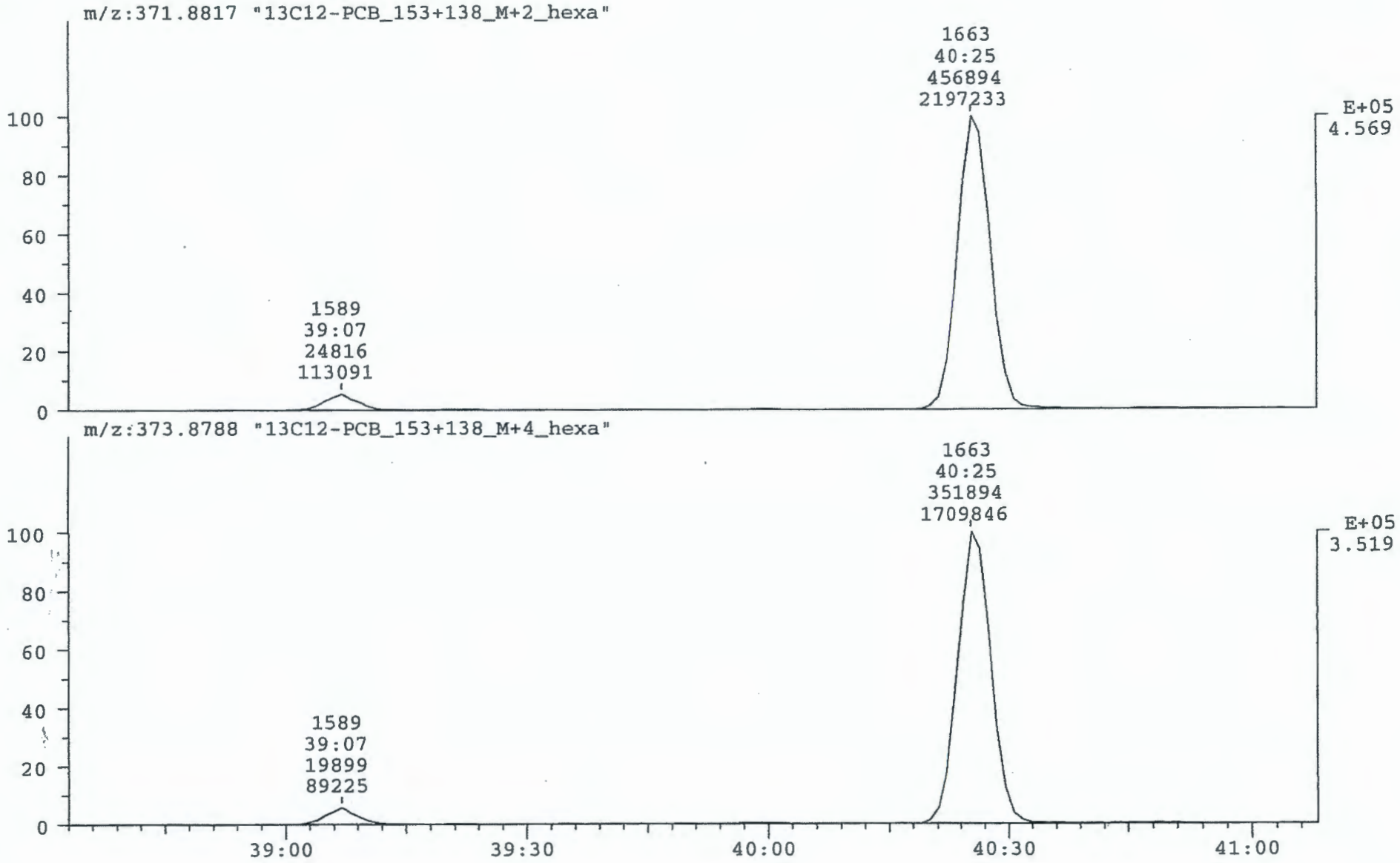
CHRO: a070313i2 13-Mar-07 Elapse: 39:58 1638
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1160 > 2121 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



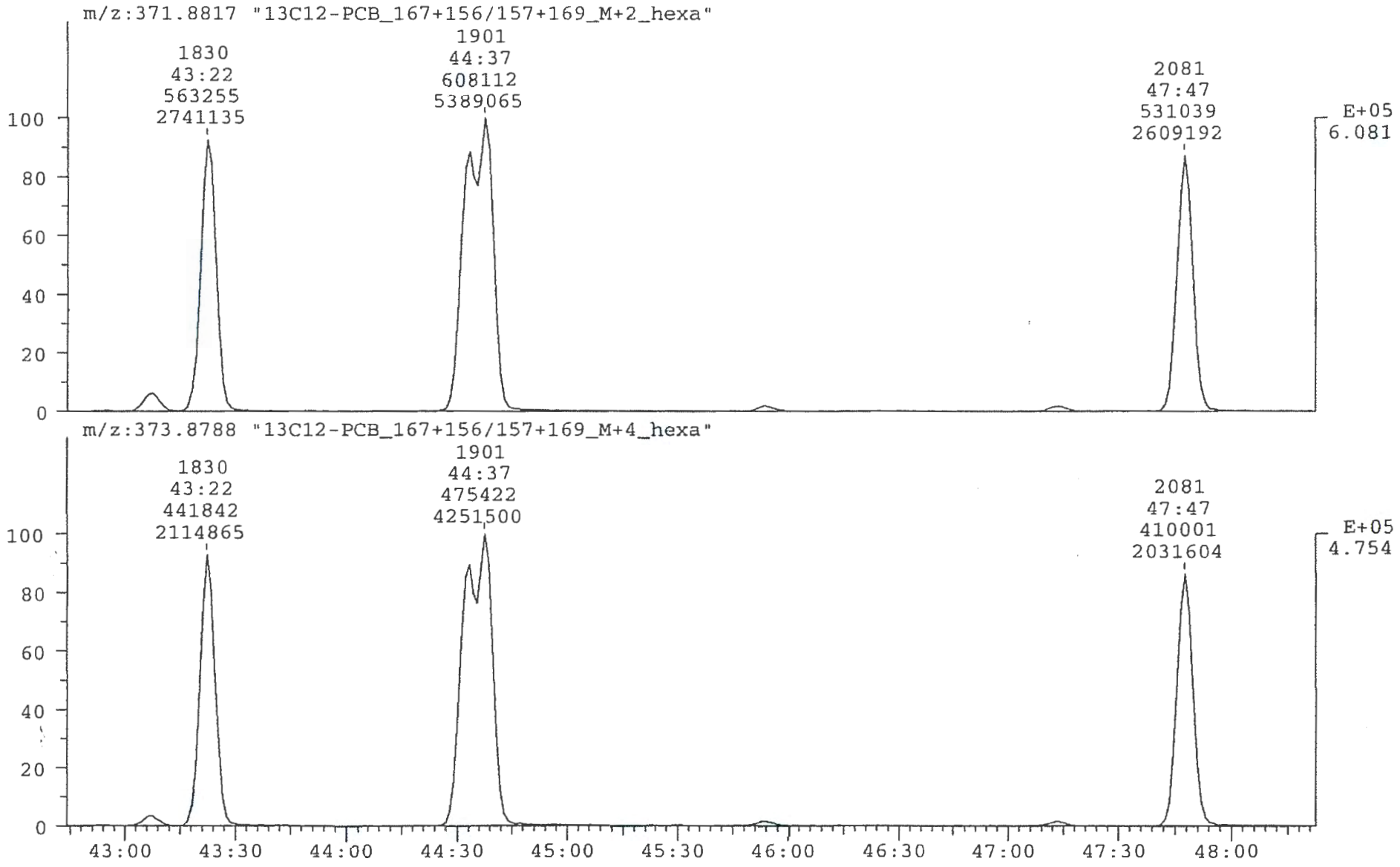
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  32:01      1191
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



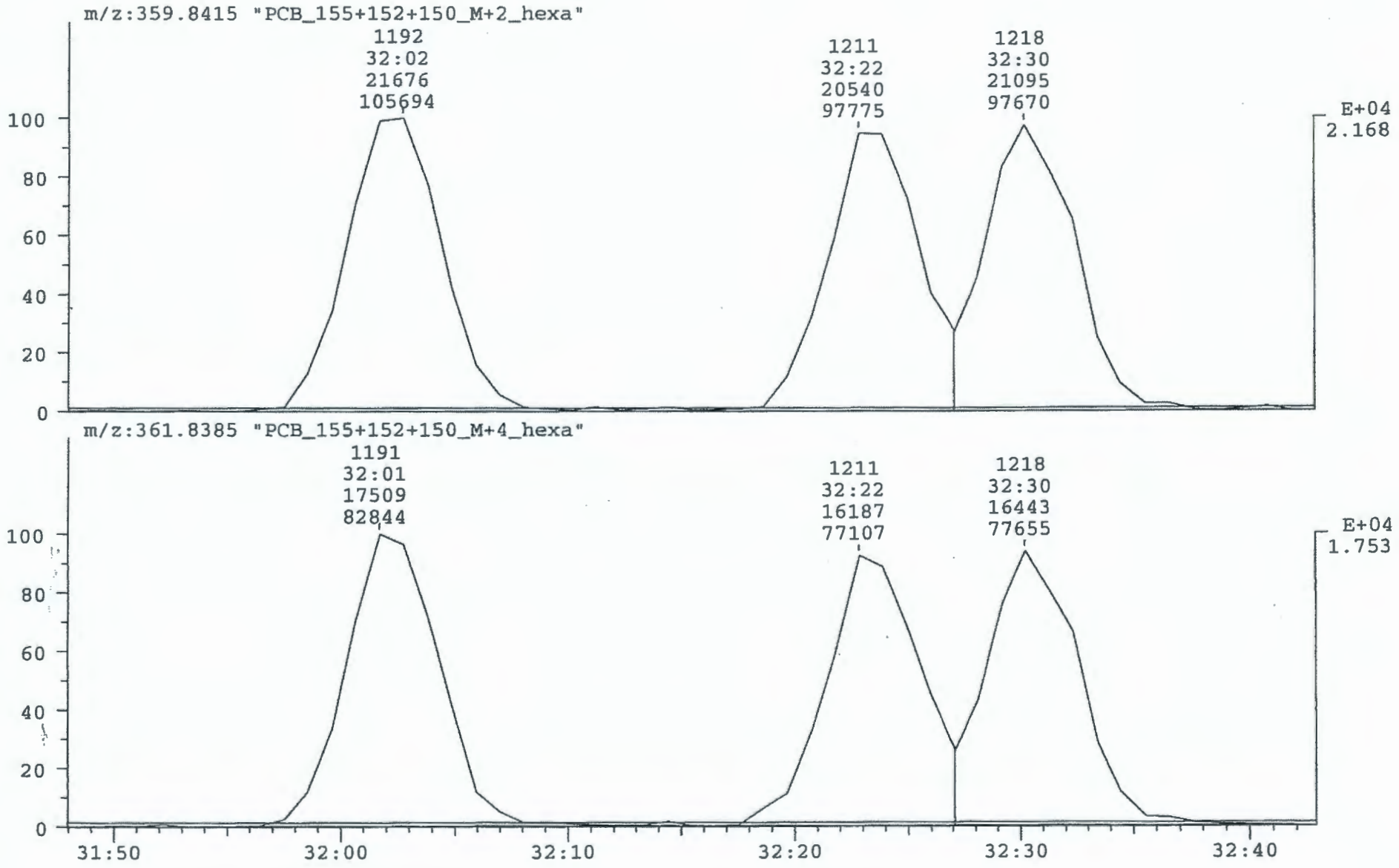
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  39:50      1630
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



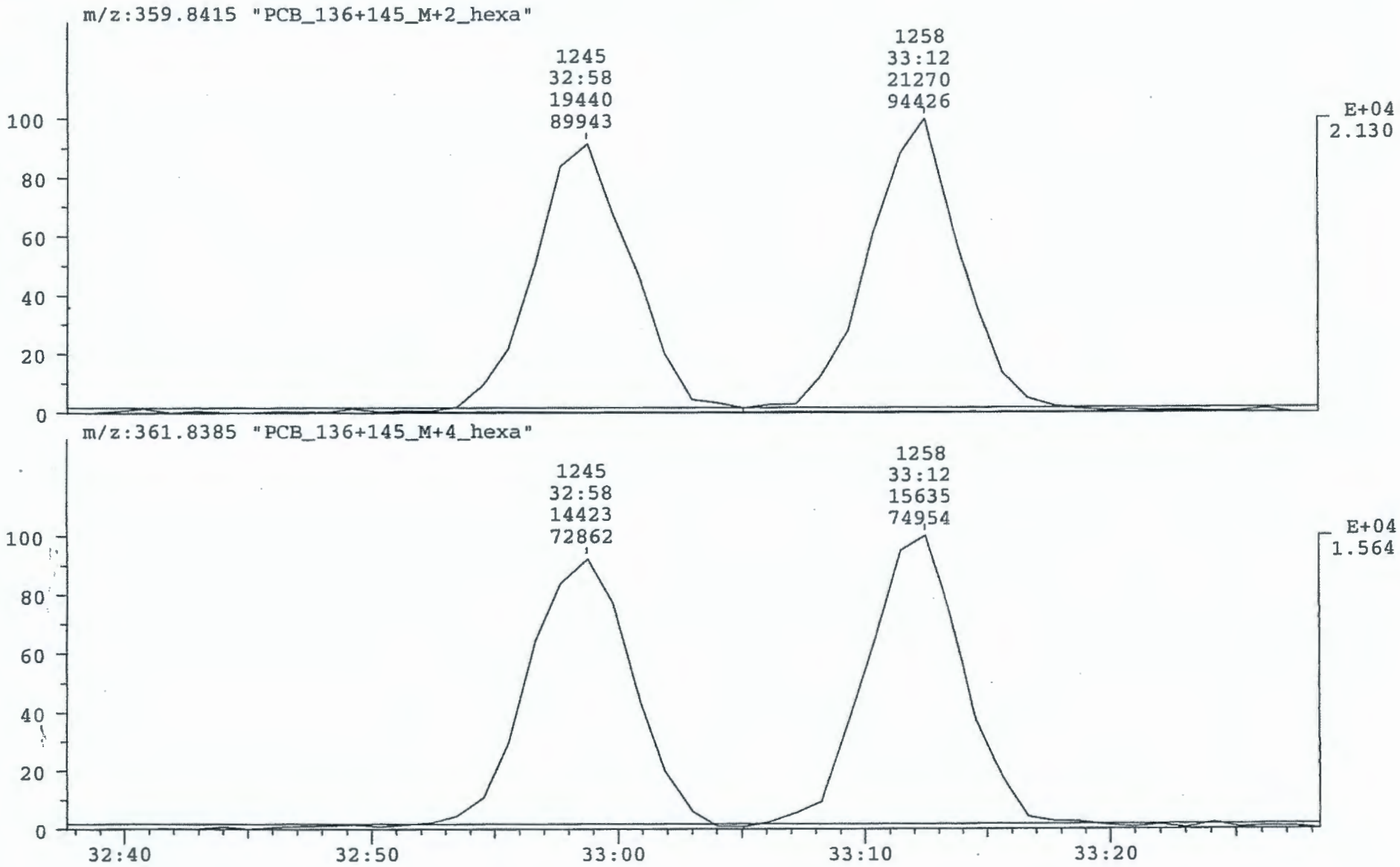
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  48:02      2095
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



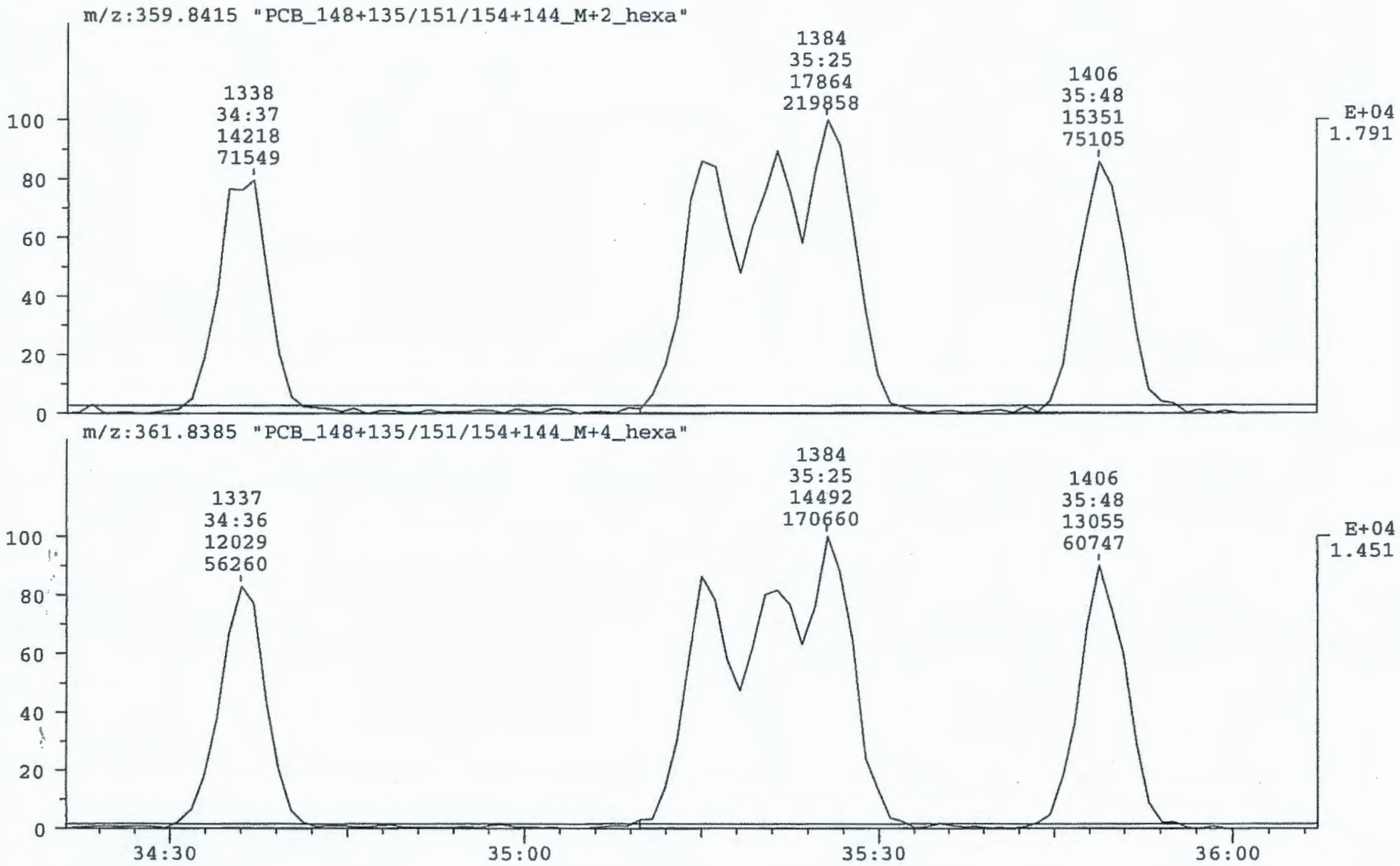
CHRO: a070313i2 13-Mar-07 Elapse: 32:19 1208
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1178 > 1230 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



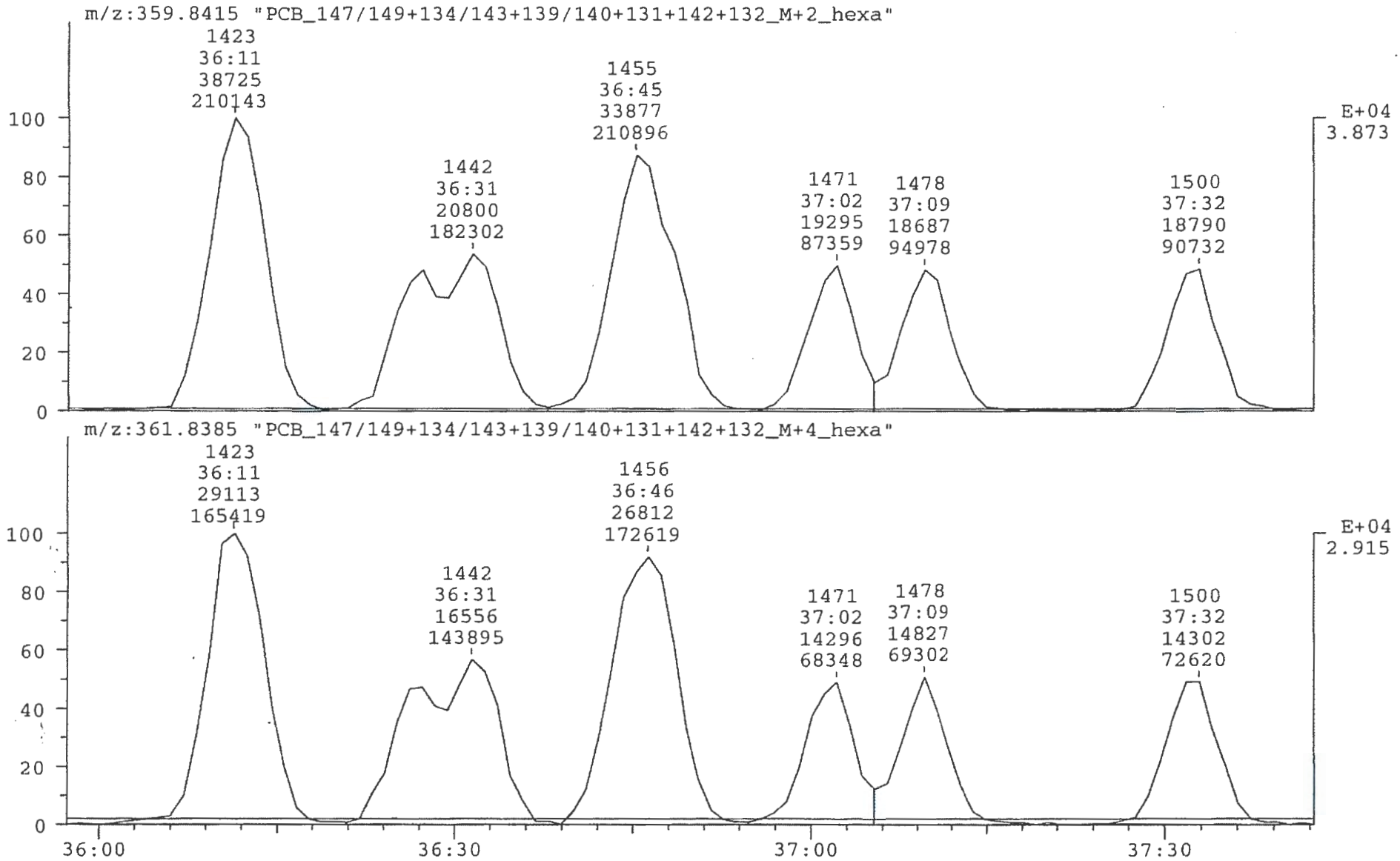
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  33:09      1255
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



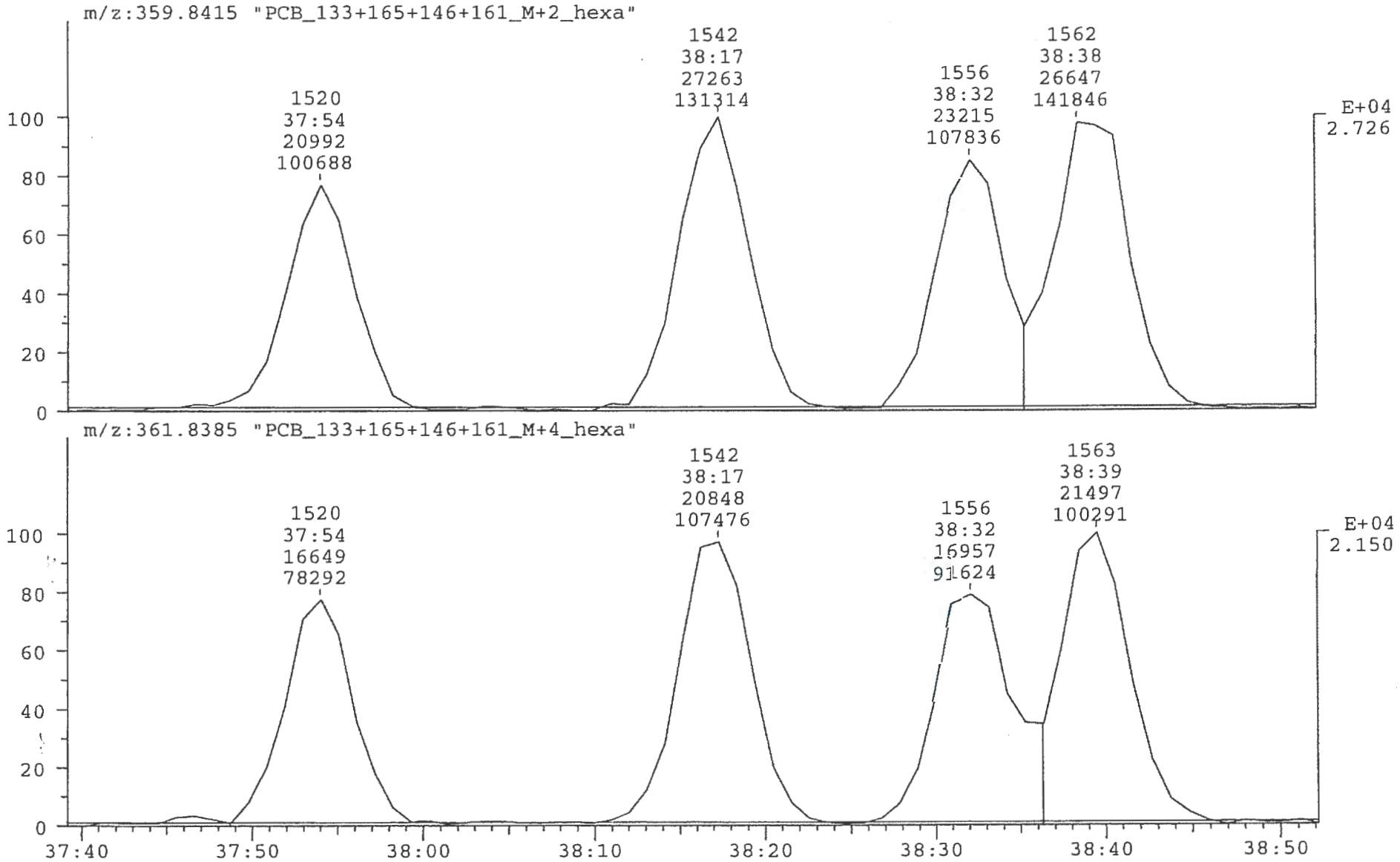
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  35:22      1381
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



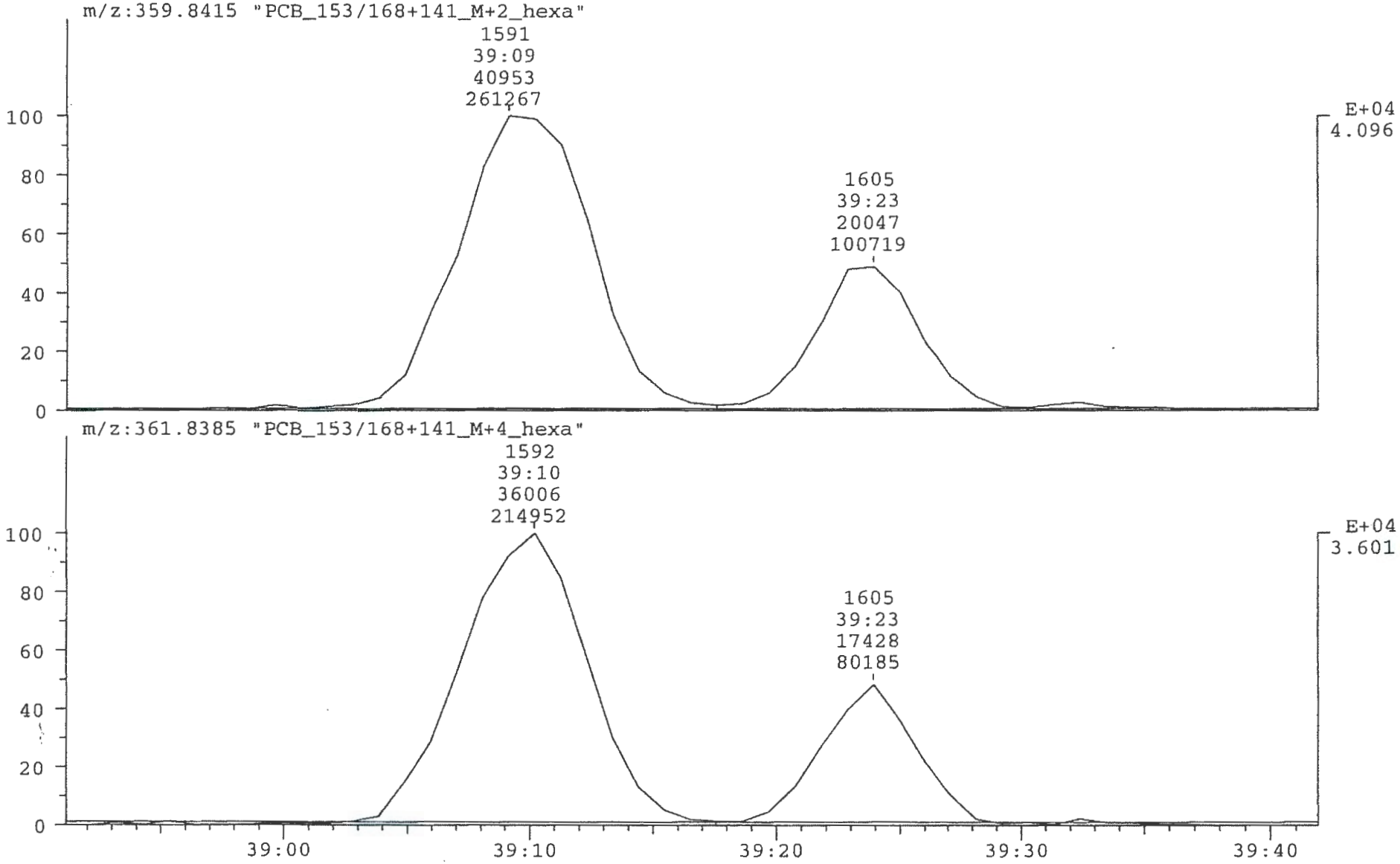
CHRO: a070313i2 13-Mar-07 Elapse: 36:46 1456
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1414 > 1509 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



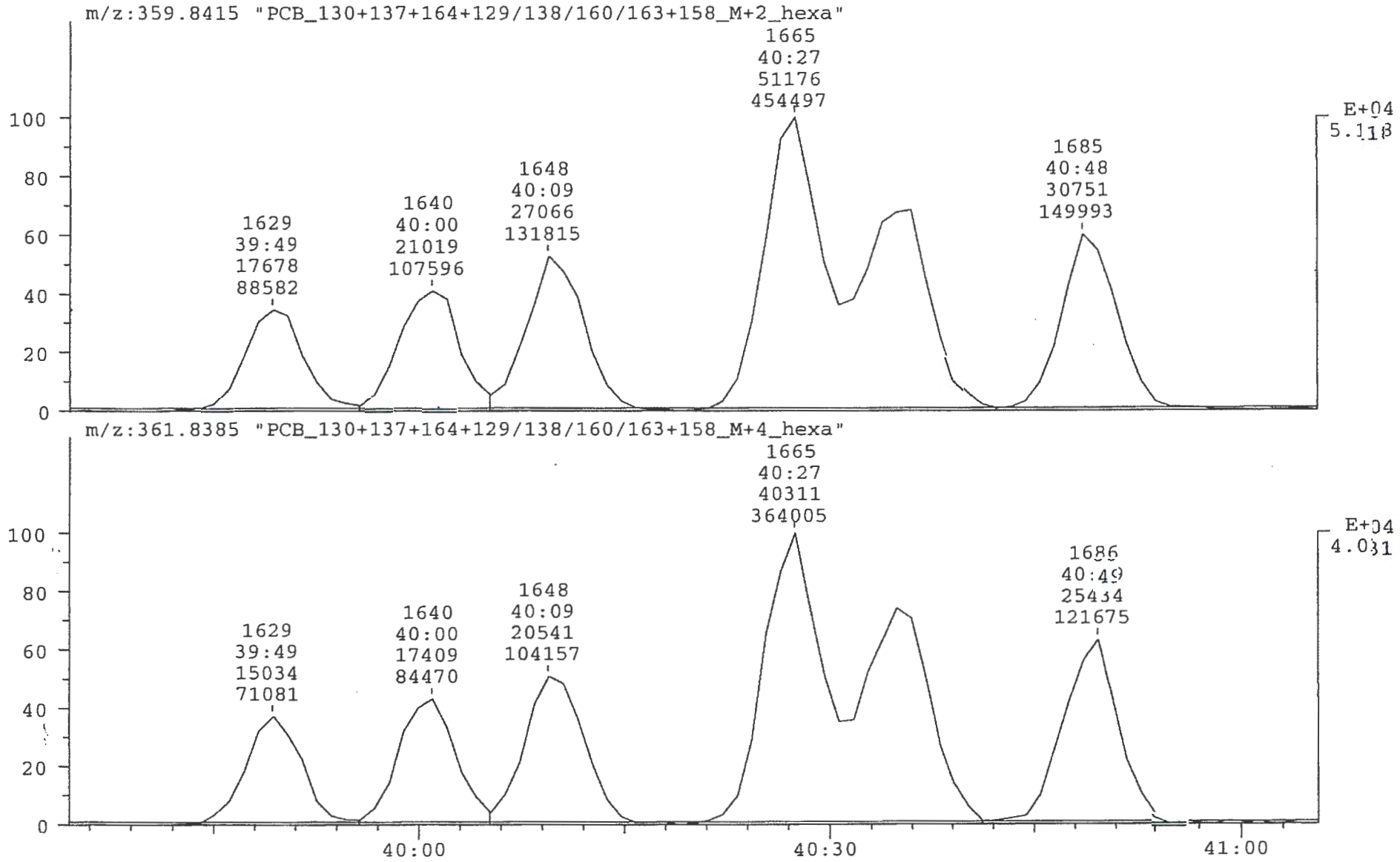
CHRO: a070313i2 13-Mar-07 Elapse: 38:21 1546
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1506 > 1575 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



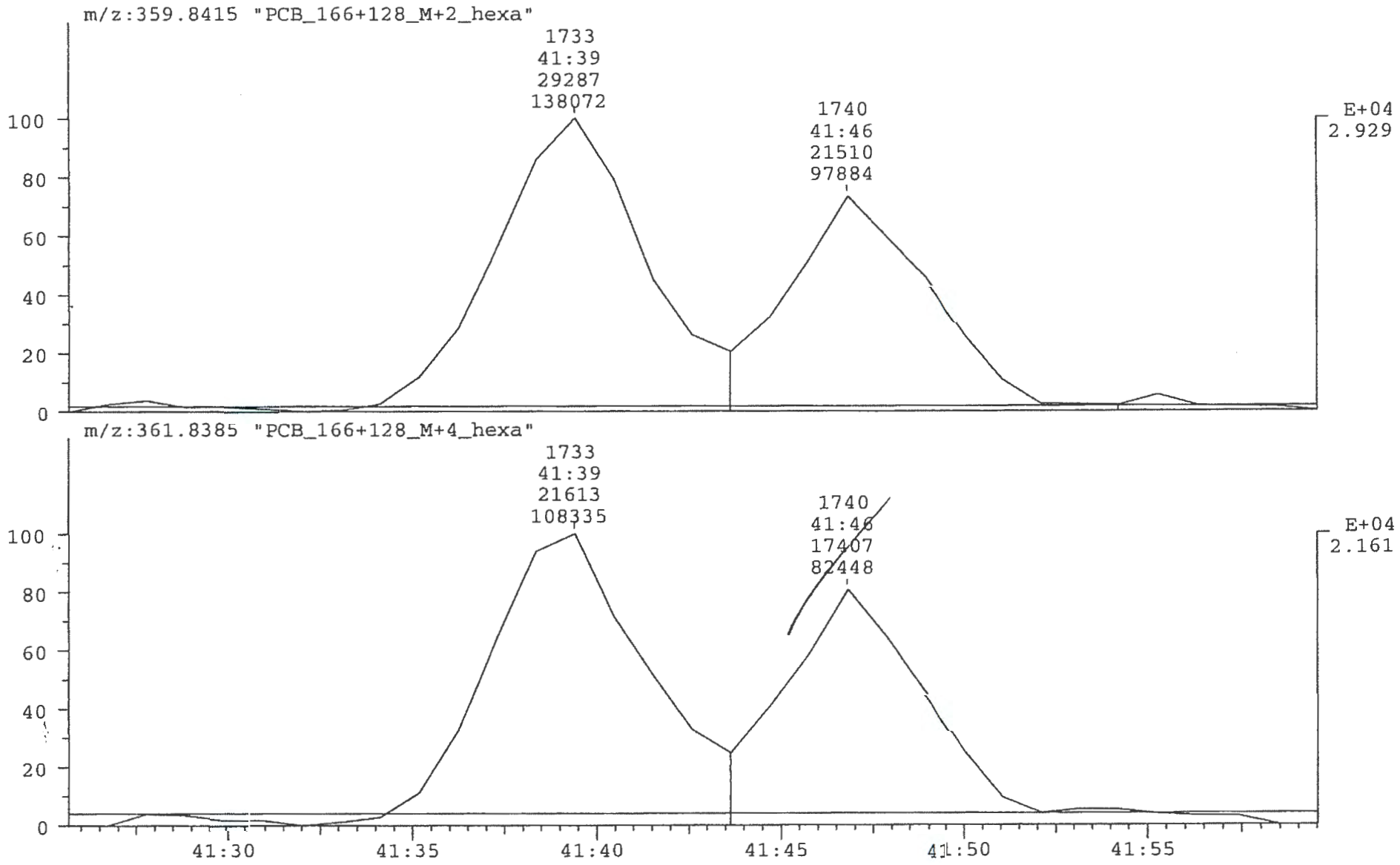
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  39:20      1602
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1574 > 1622           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i2                                13-Mar-07   Elapse:  40:23      1661
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

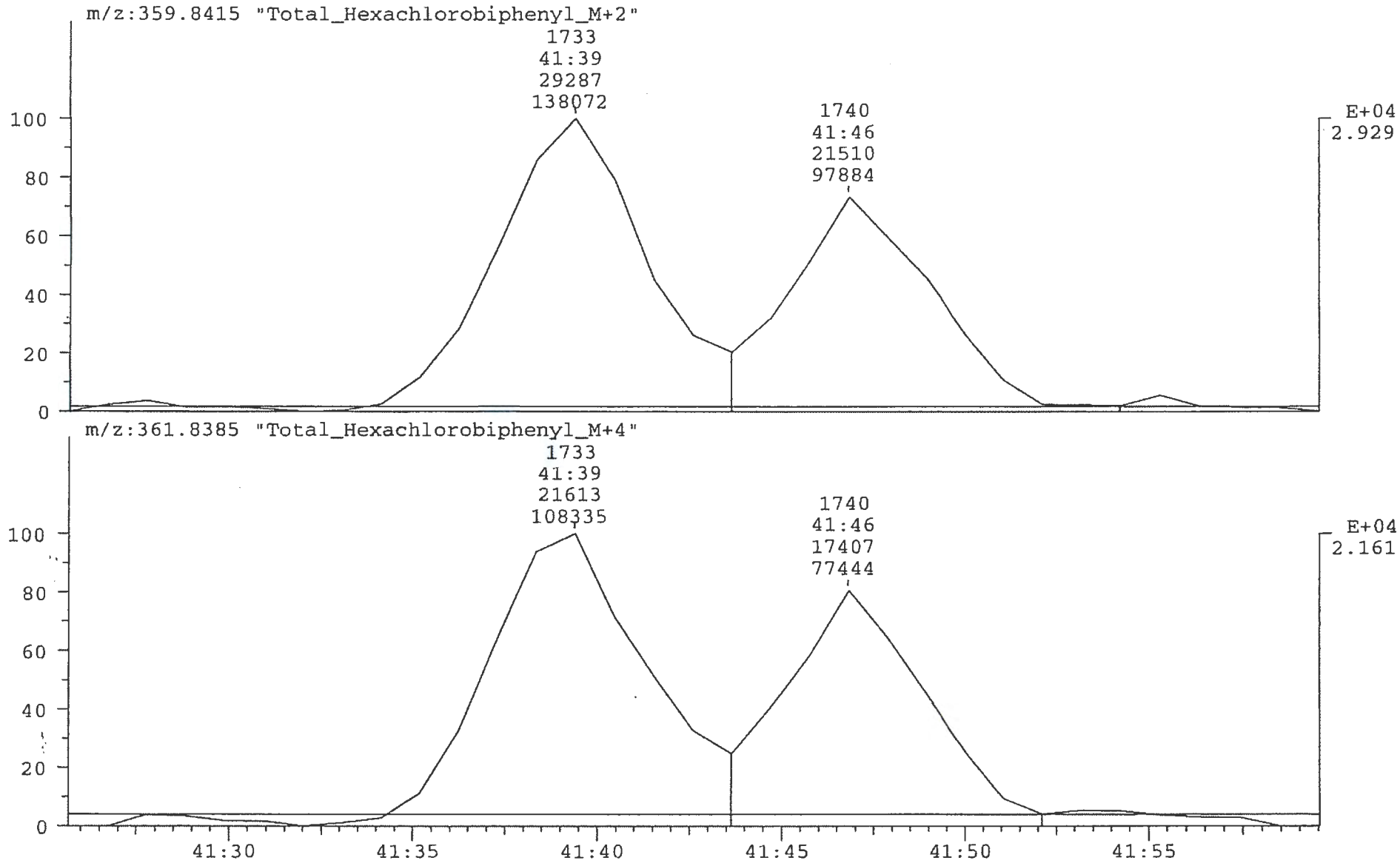


CHRO: a070313i2 13-Mar-07 Elapse: 41:46 1740
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1720 > 1752 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area

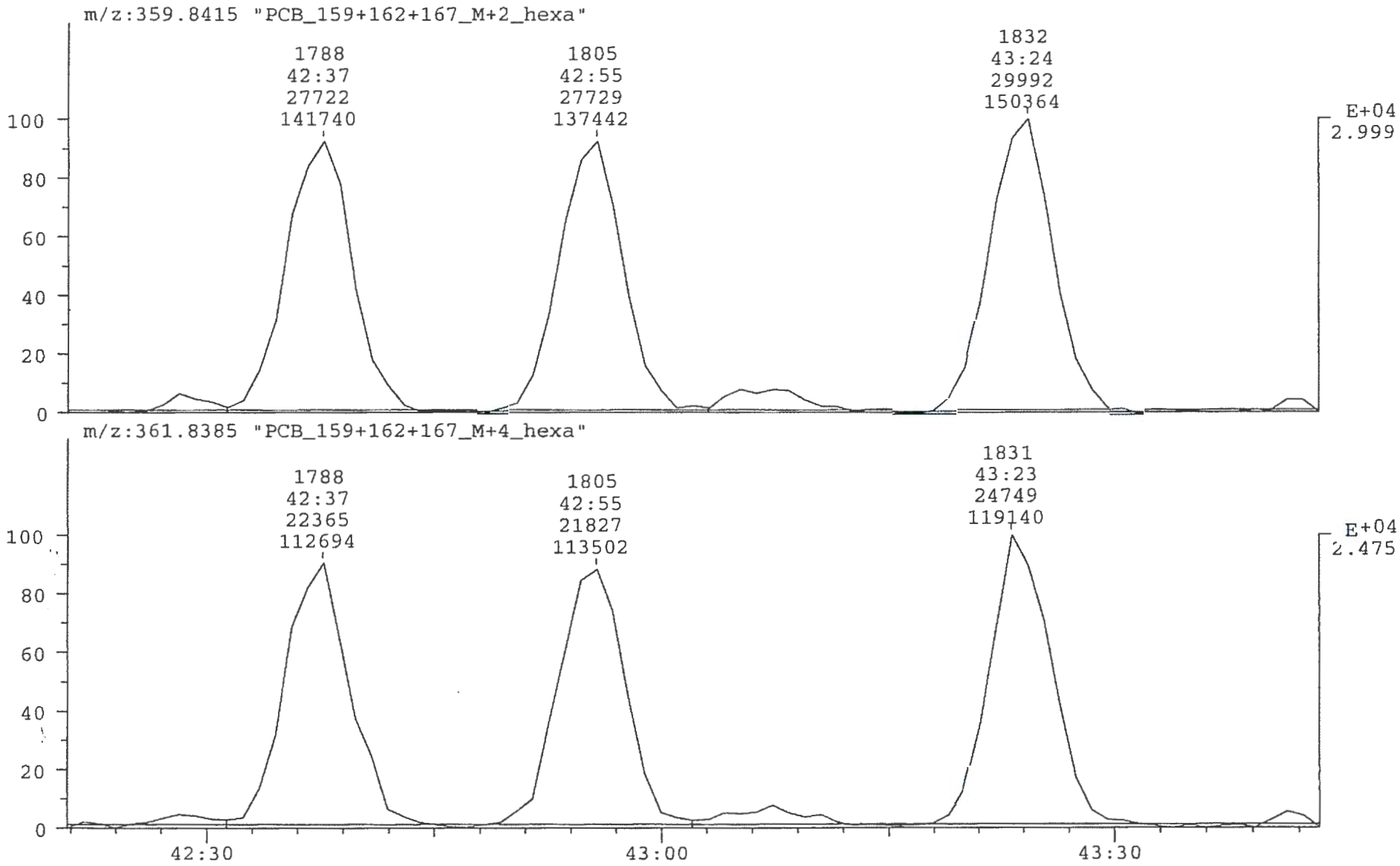


1405

```
CHRO:  a070313i2                                13-Mar-07   Elapse:  29:41      1058
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1720 > 1752           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```

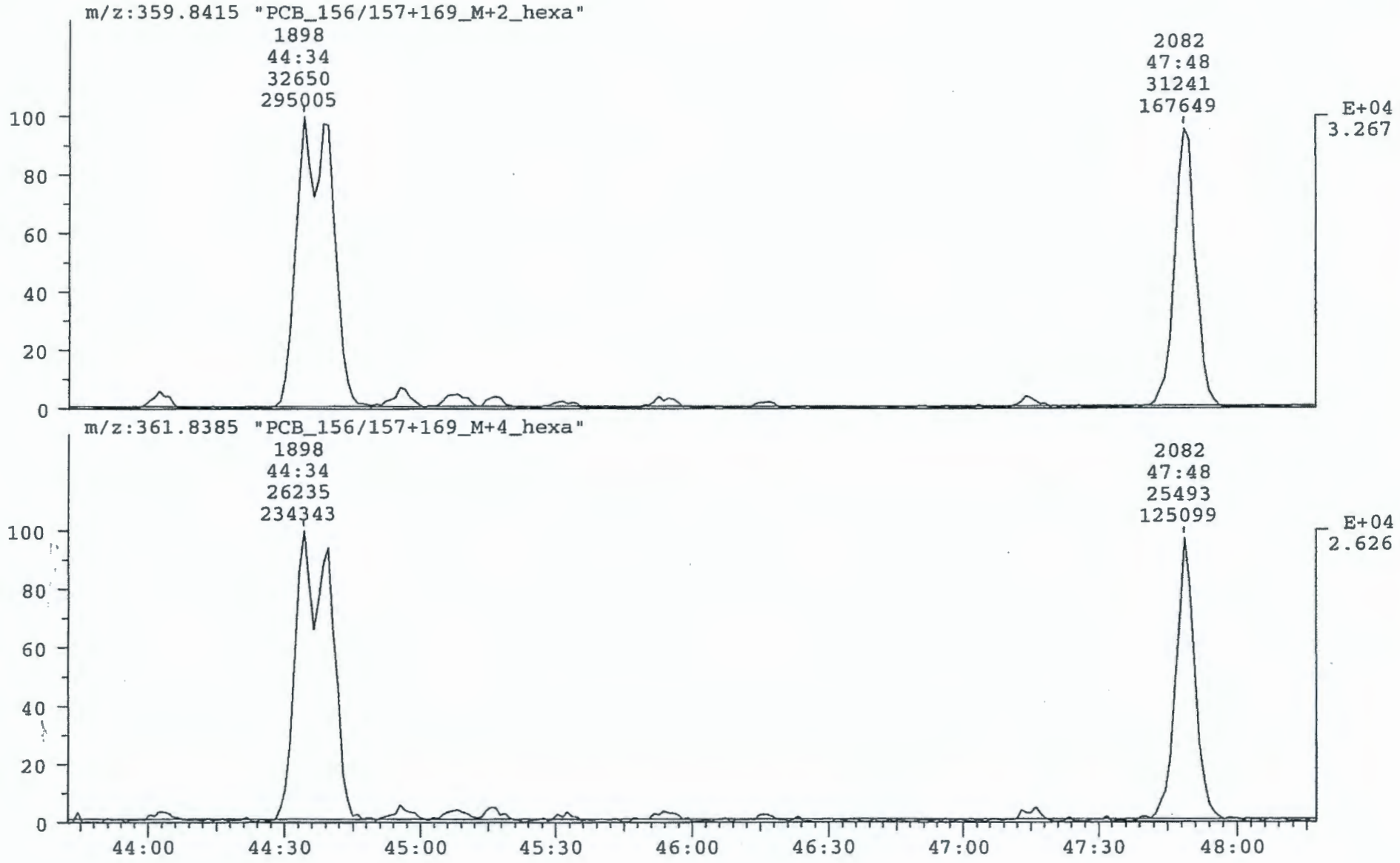


CHRO: a070313i2 13-Mar-07 Elapse: 43:06 1815
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1772 > 1850 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area

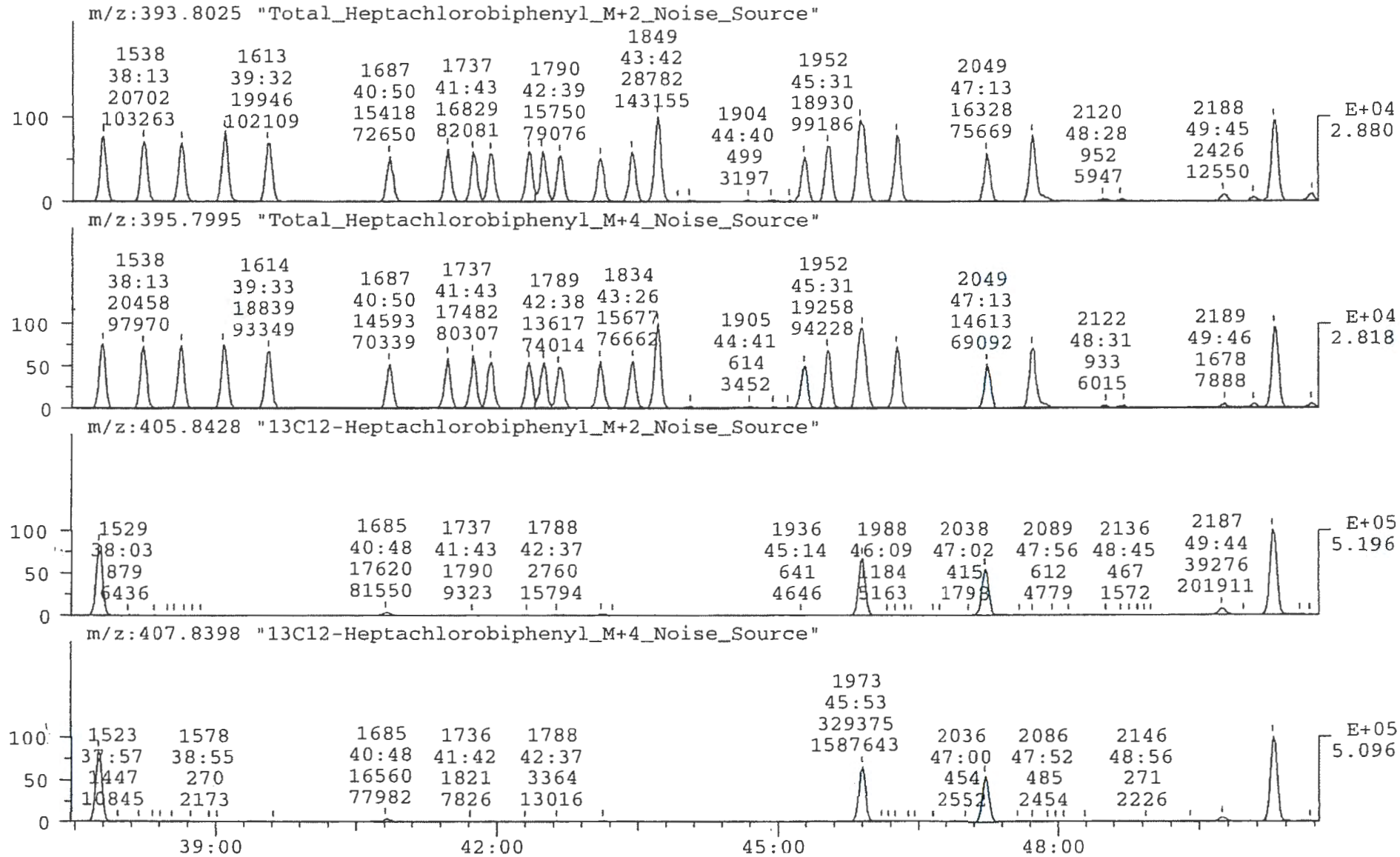


1407

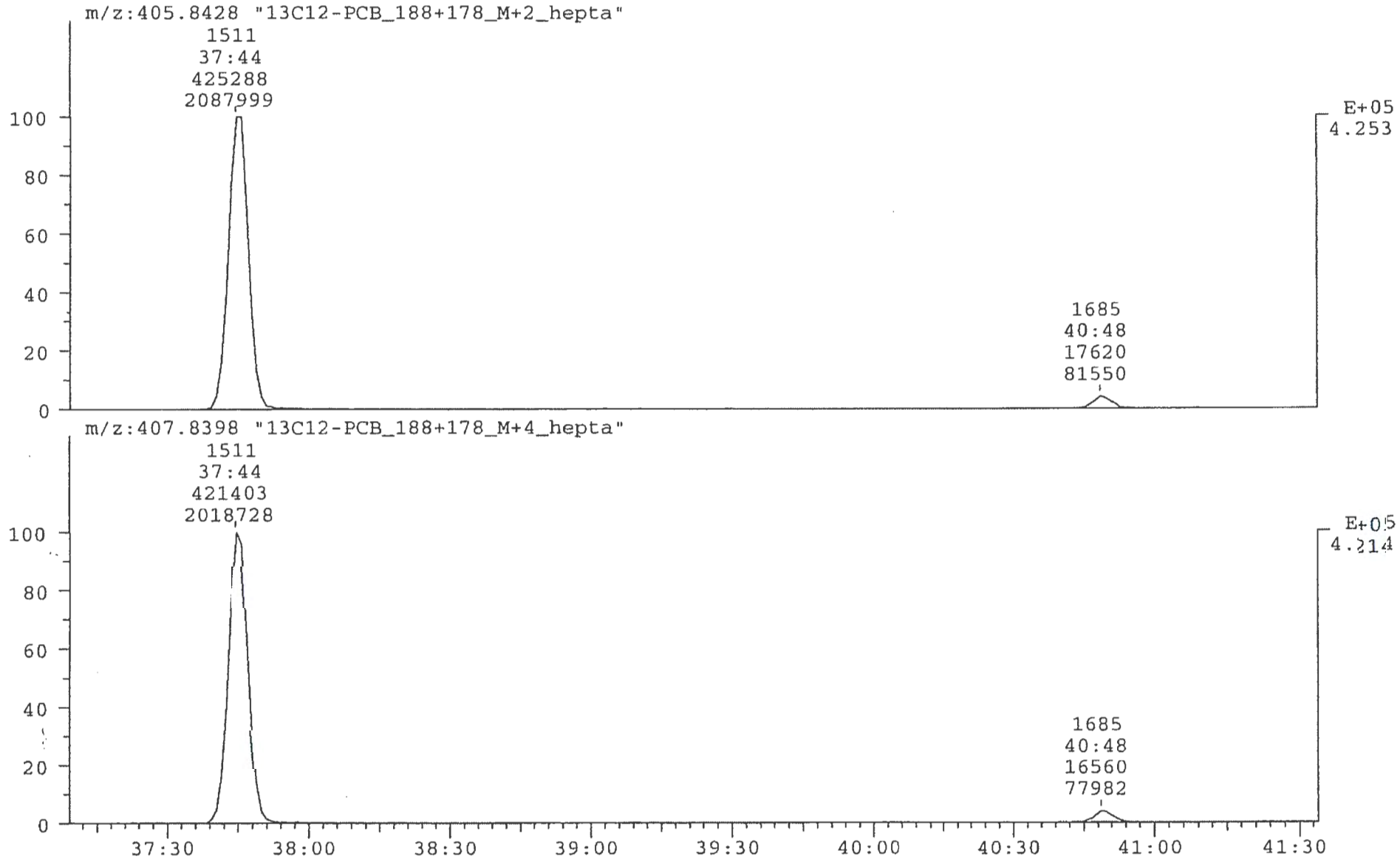
CHRO: a070313i2 13-Mar-07 Elapse: 46:15 1994
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1849 > 2109 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 8 Label : -3, 3.0
Disp: Height Area



CHRO: a070313i2 13-Mar-07 Elapse: 44:05 1871
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
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

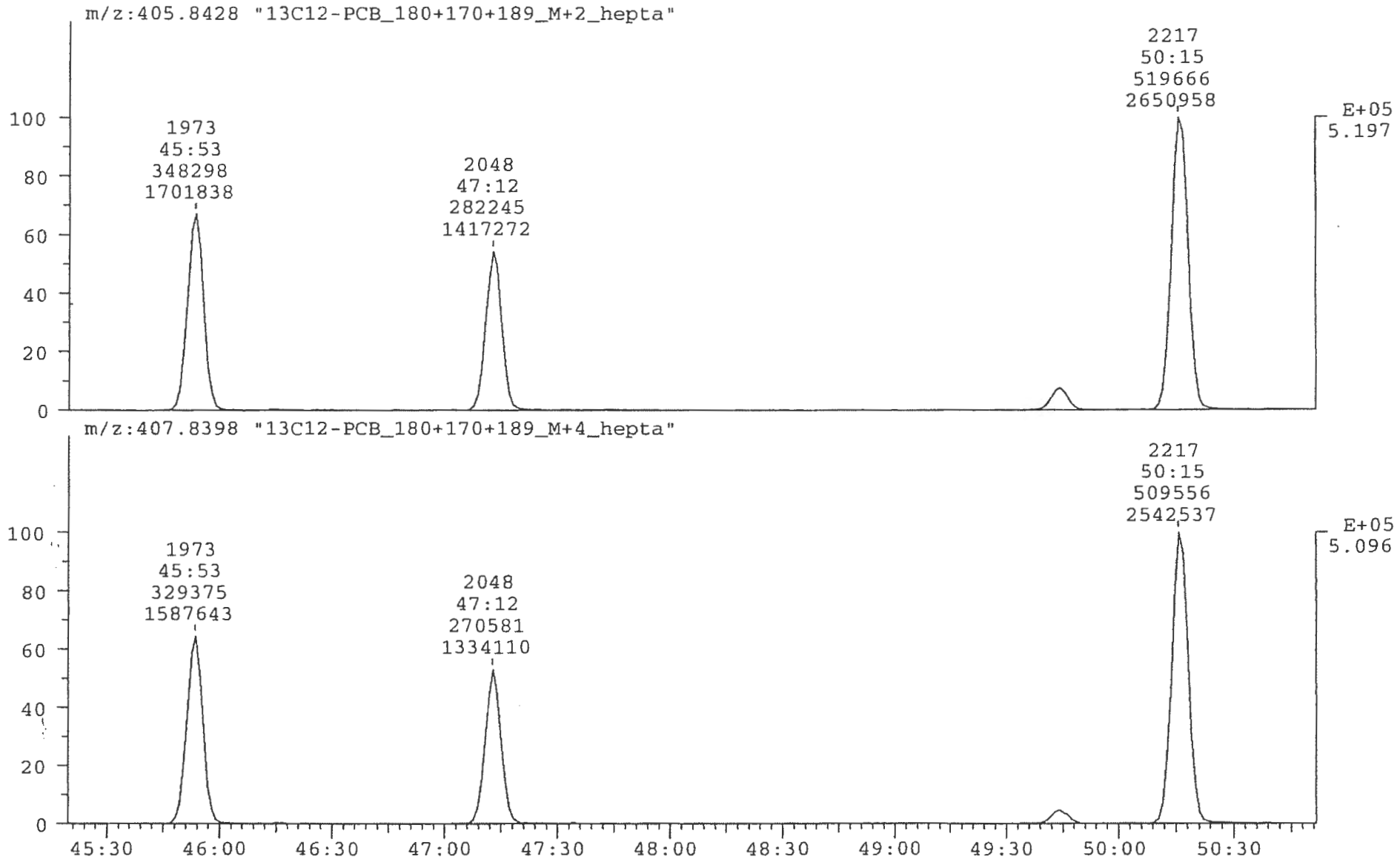


```
CHRO:  a070313i2                                13-Mar-07  Elapse:  39:20      1602
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```

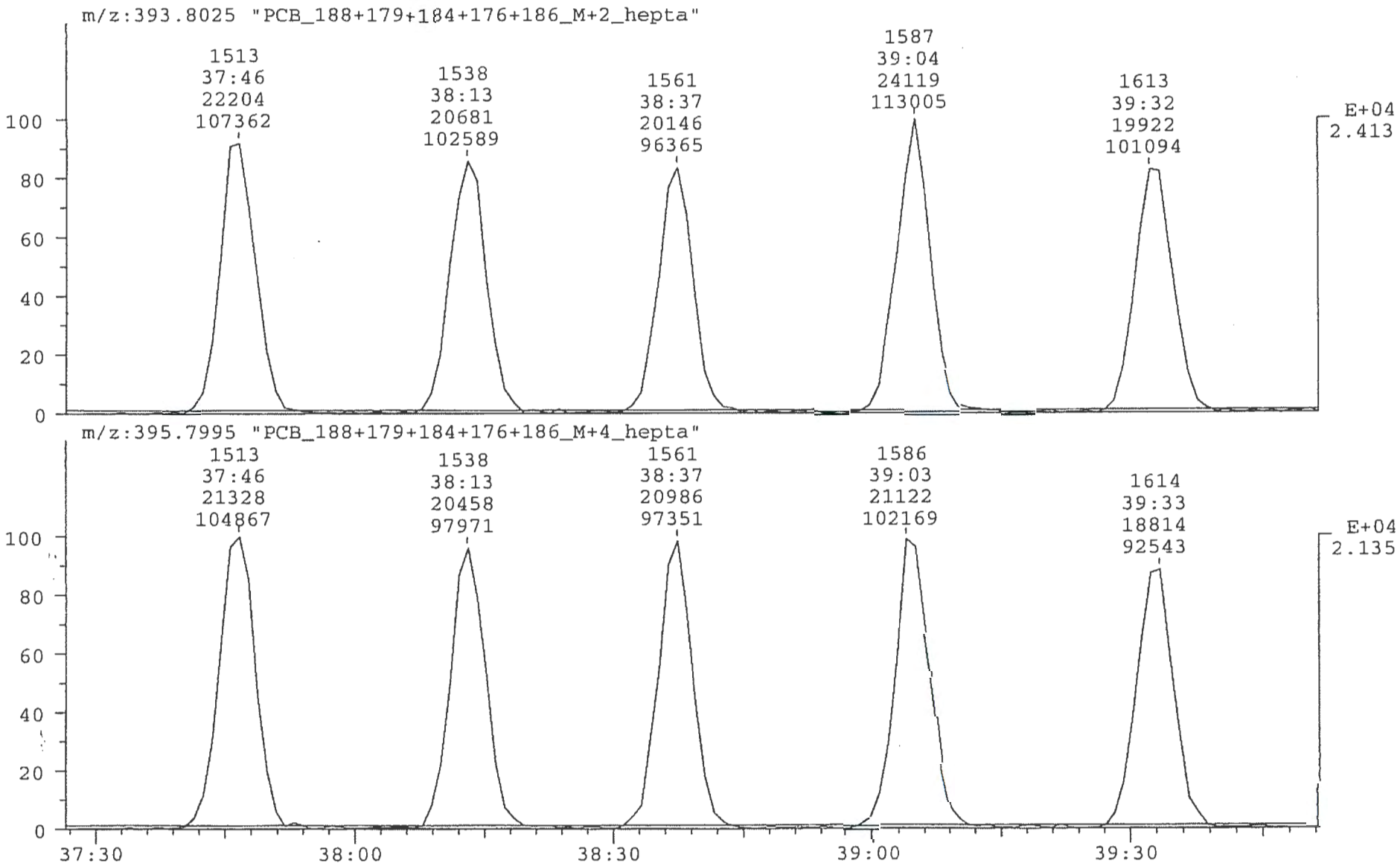


1410

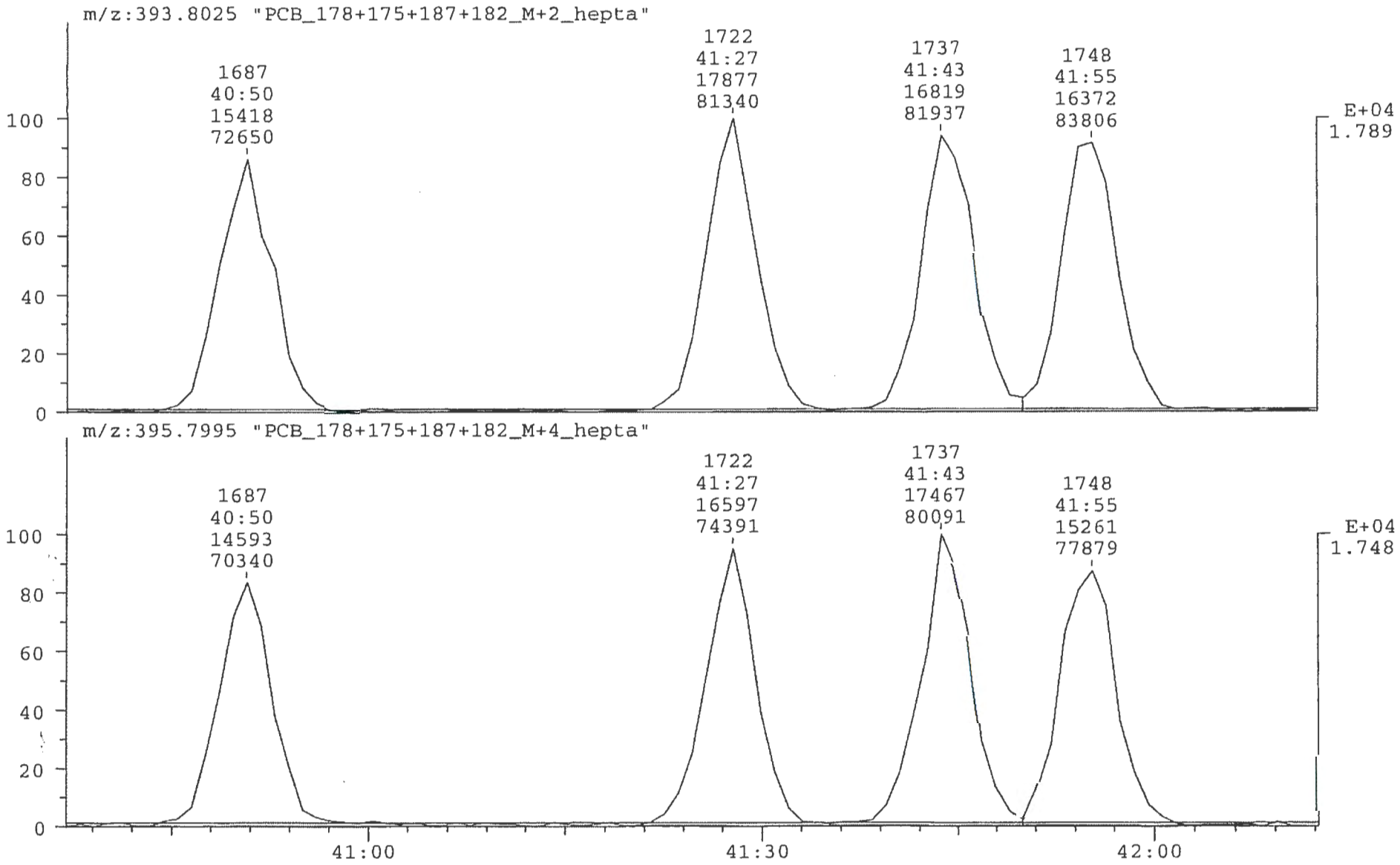
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  48:08      2101
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



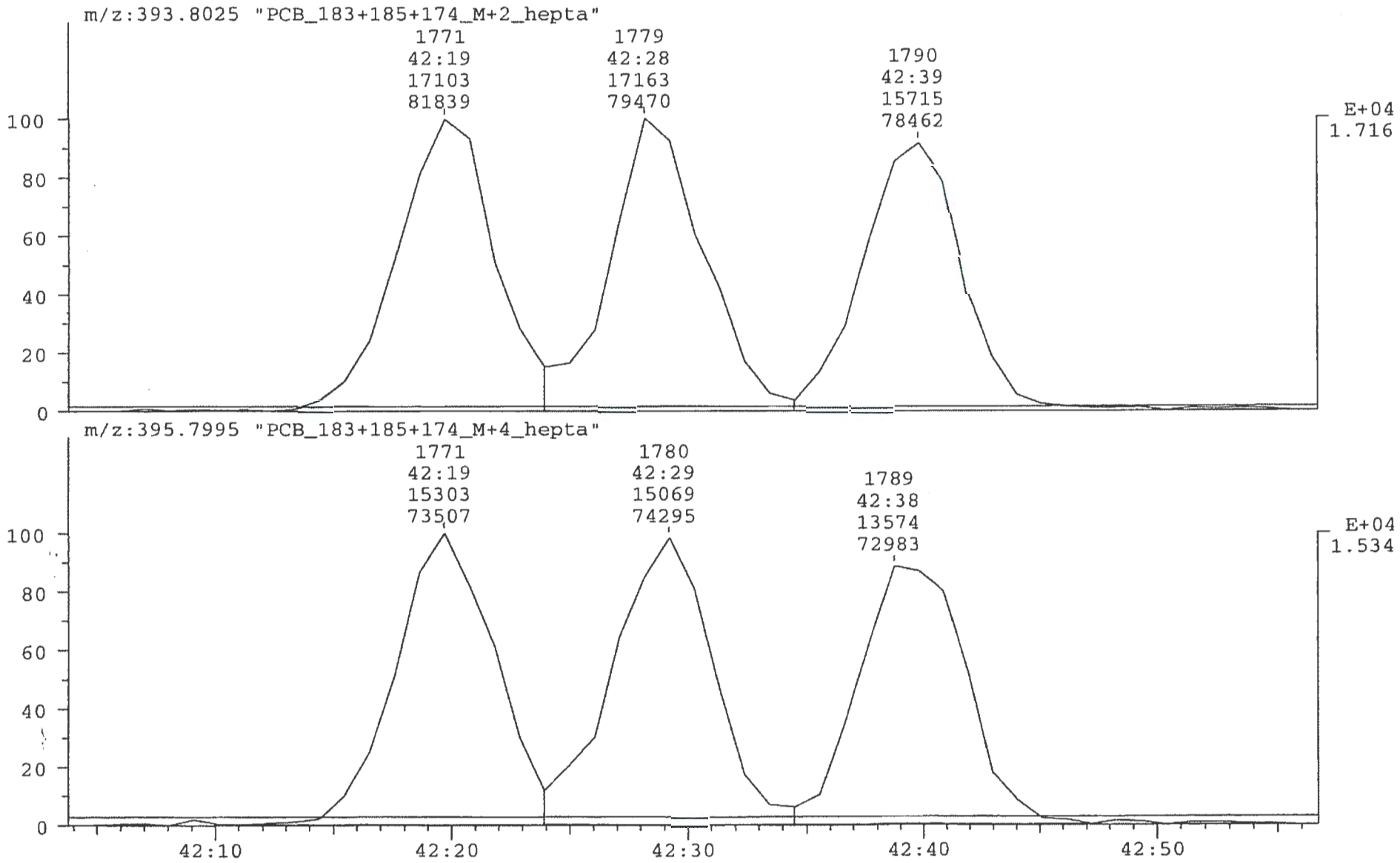
CHRO: a070313i2 13-Mar-07 Elapse: 38:42 1566
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 1494 > 1631 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



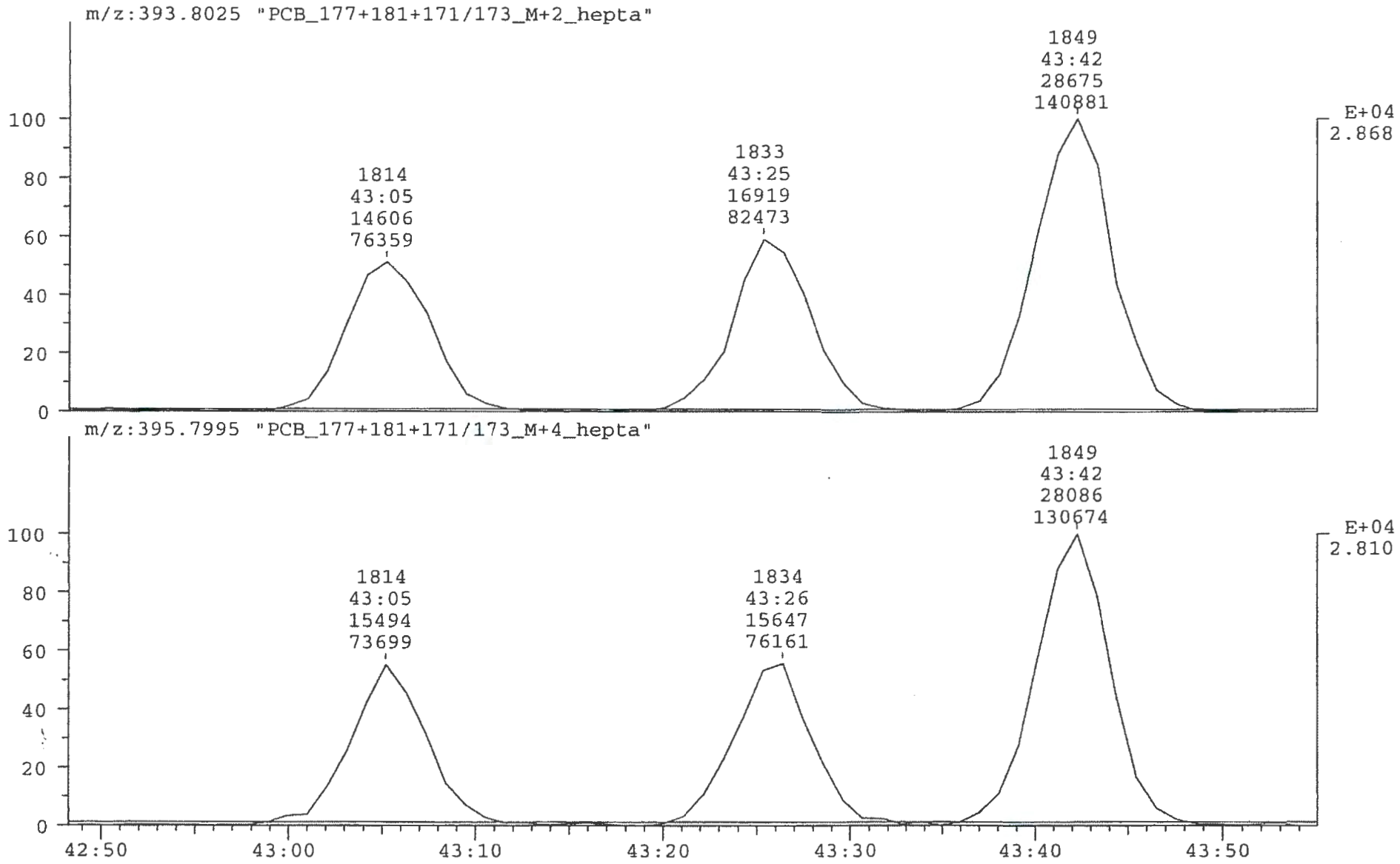
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  41:29      1724
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1674 > 1764           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



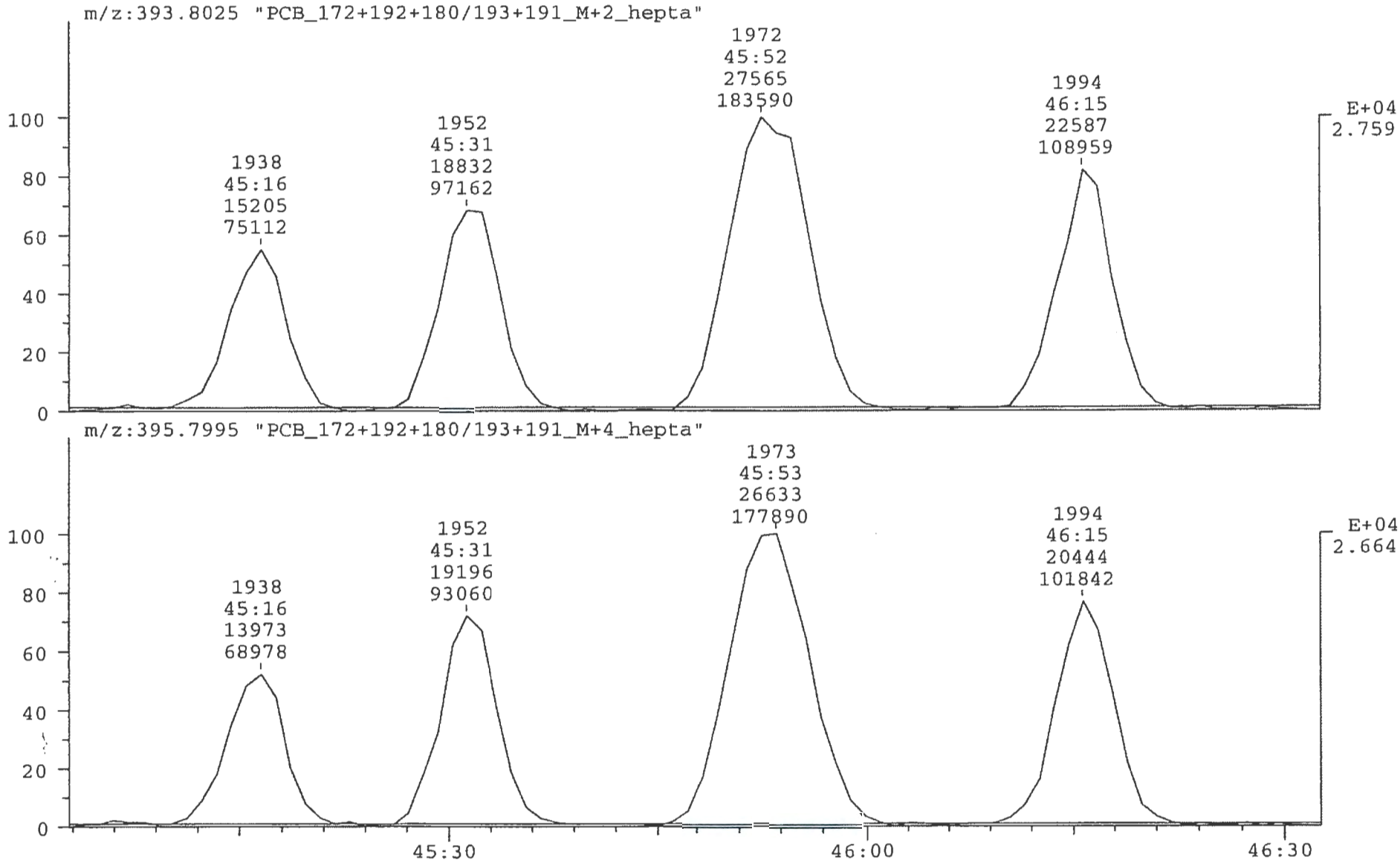
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  42:40      1791
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1756 > 1806           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i2                                13-Mar-07   Elapse:  43:28      1836
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

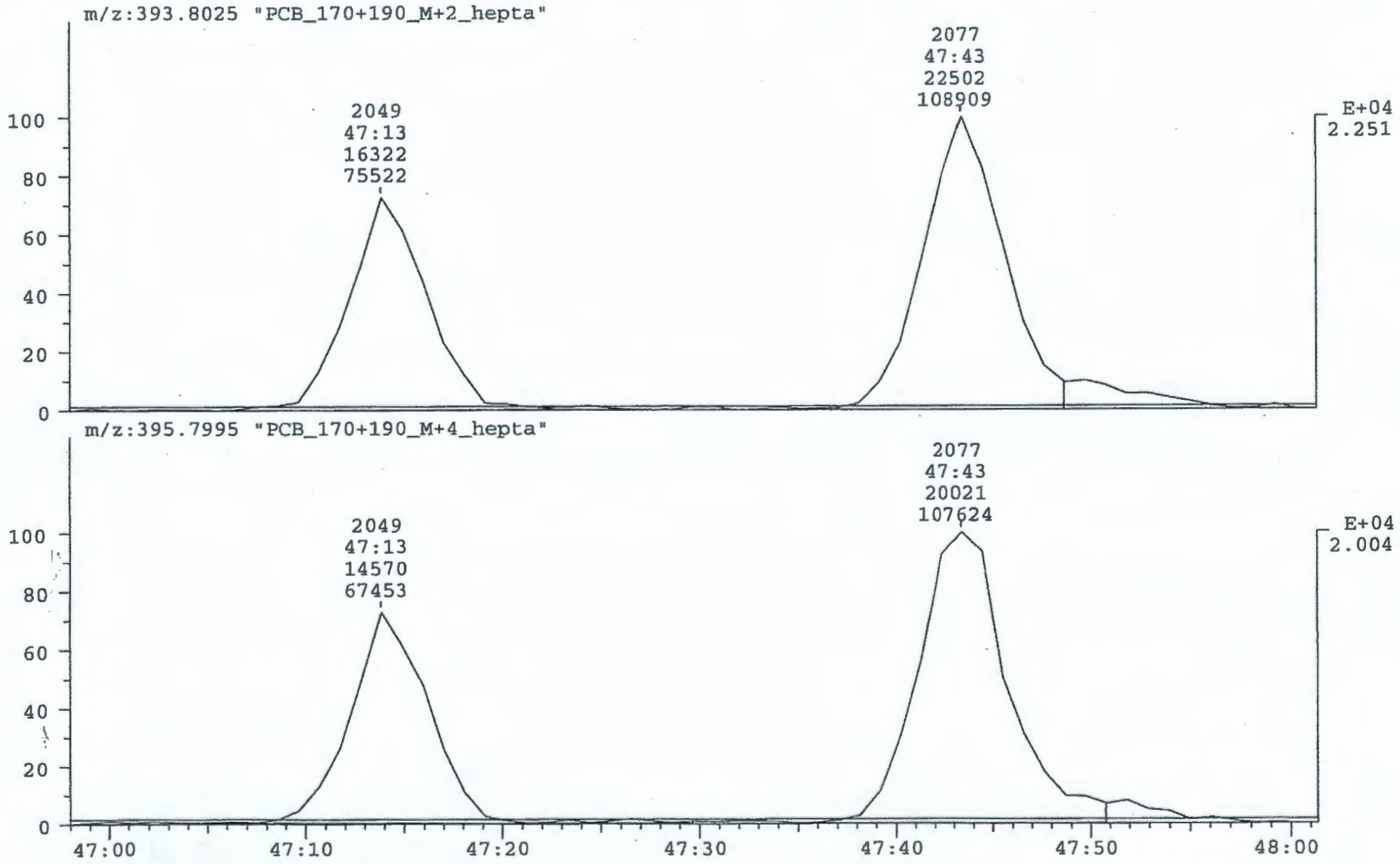


```
CHRO:  a070313i2                                13-Mar-07   Elapse:  45:55      1975
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```

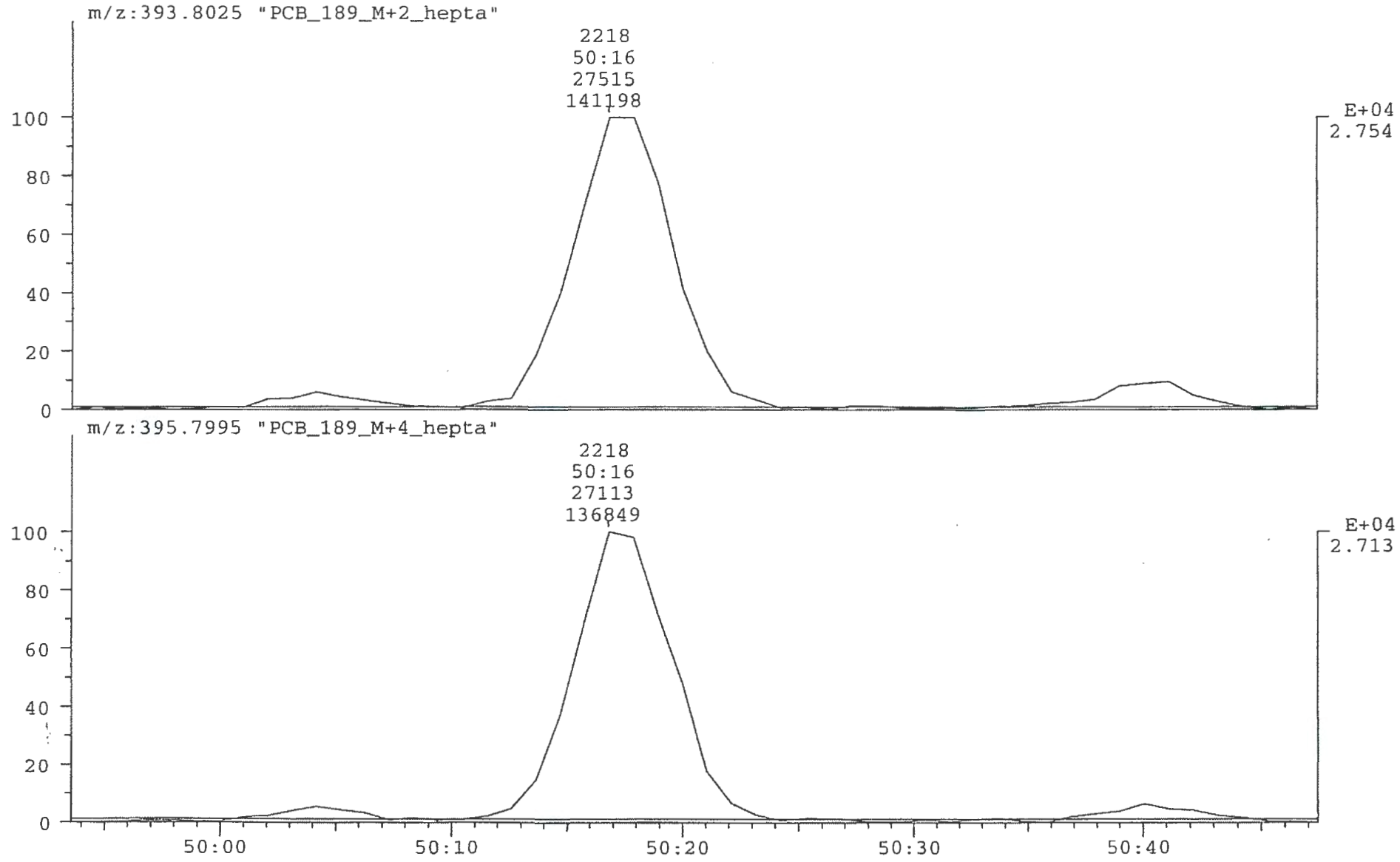


1416

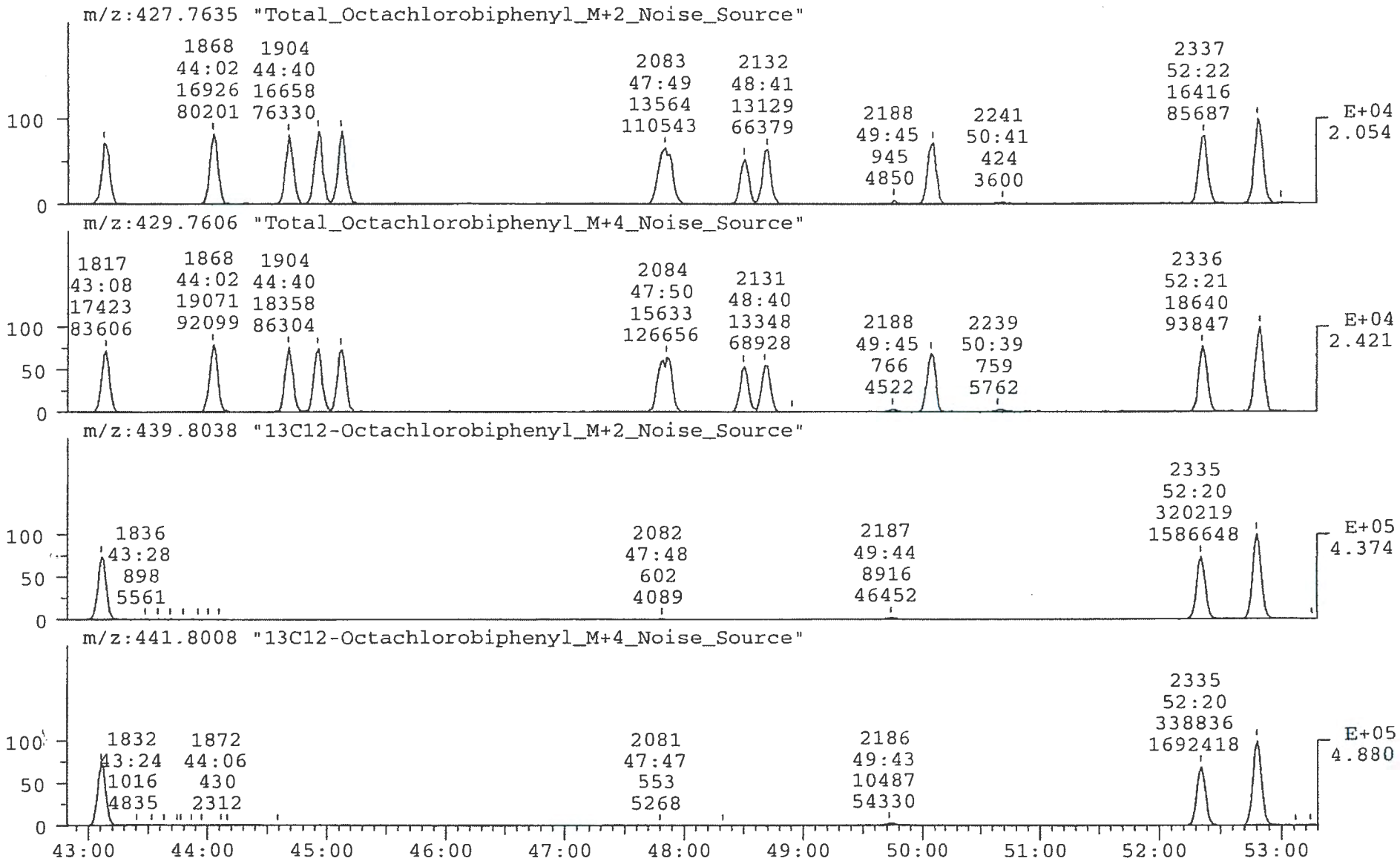
CHRO: a070313i2 13-Mar-07 Elapse: 47:34 2069
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2034 > 2094 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



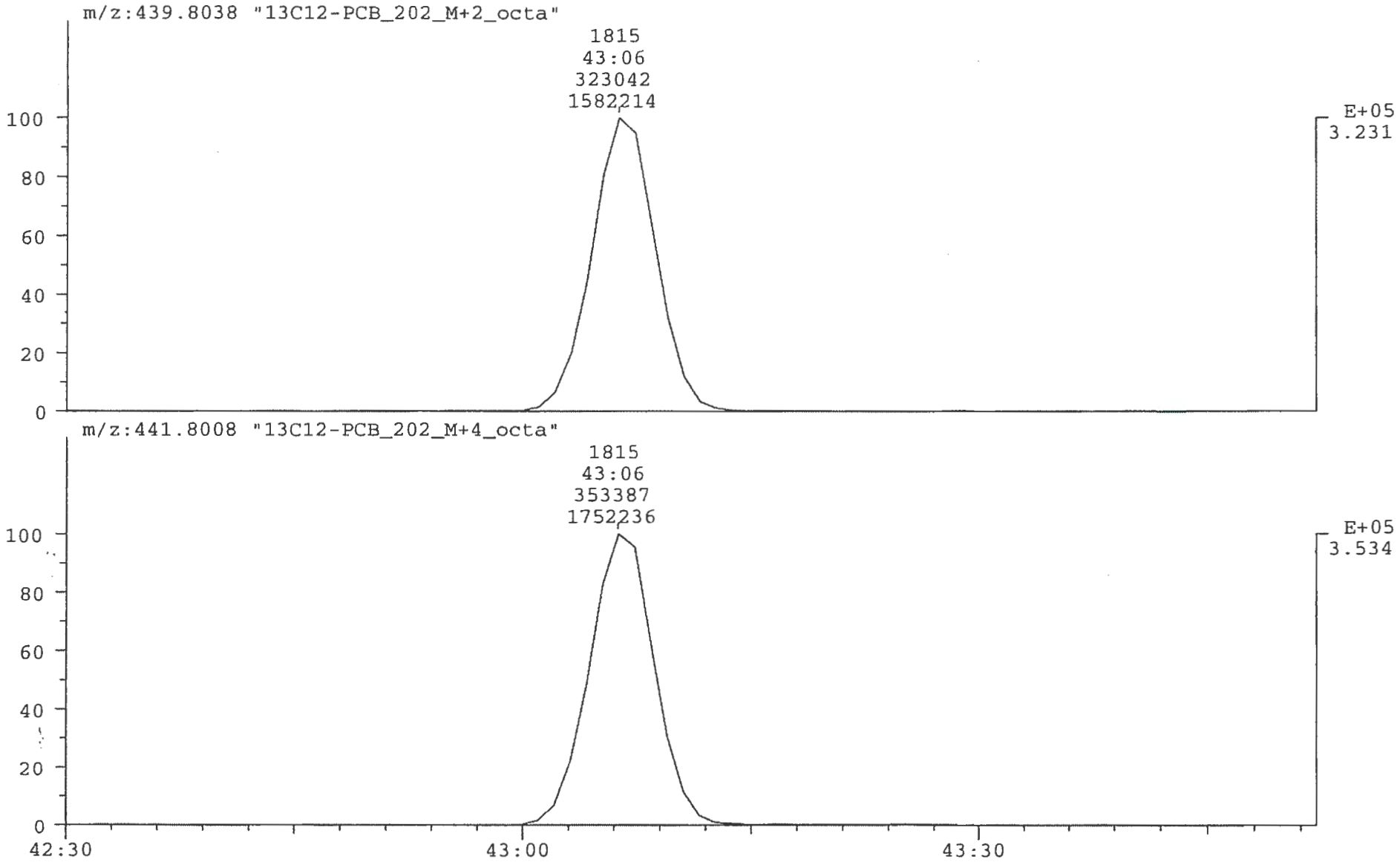
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  50:18      2220
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



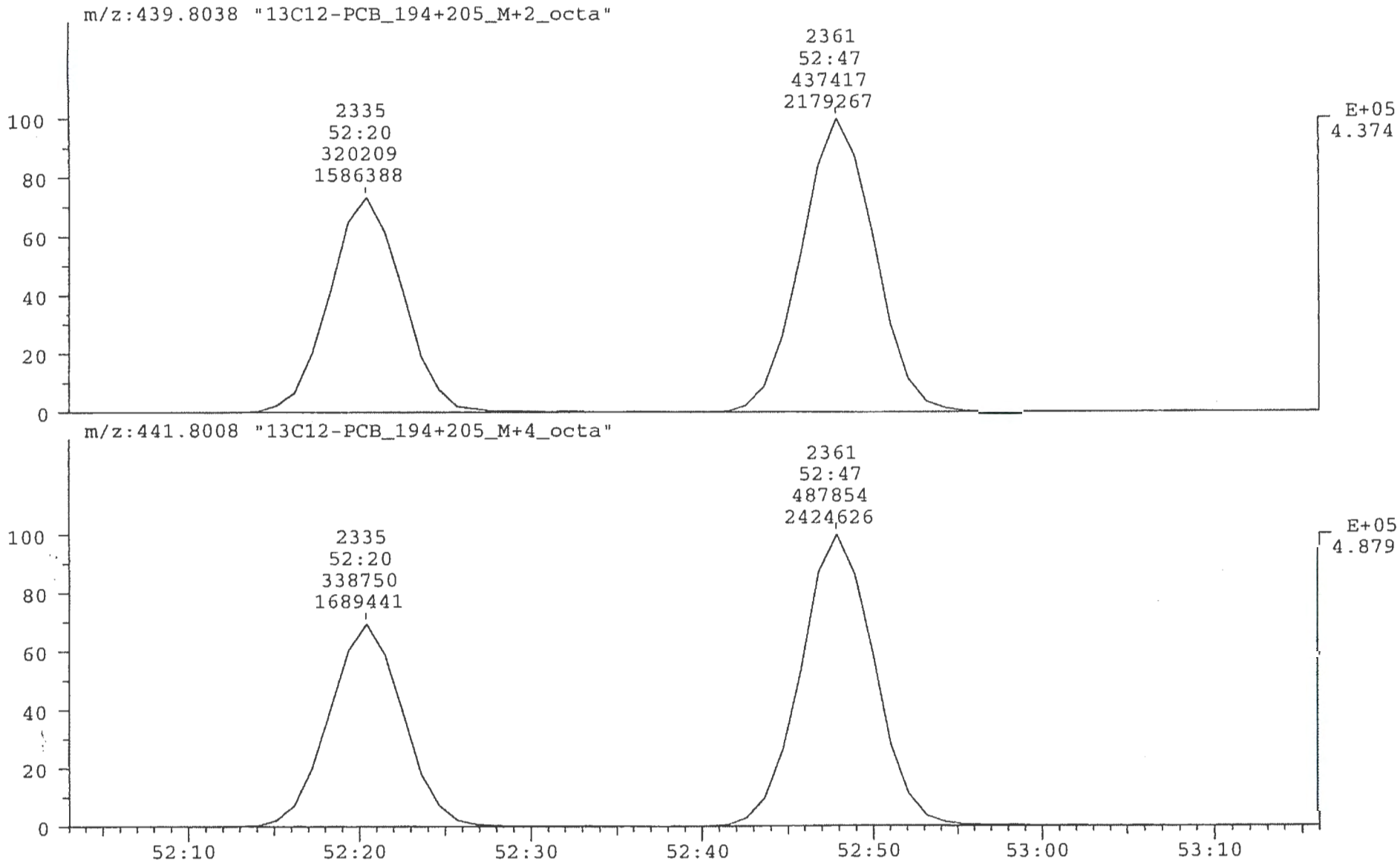
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  48:03      2096
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   1799 > 2390           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



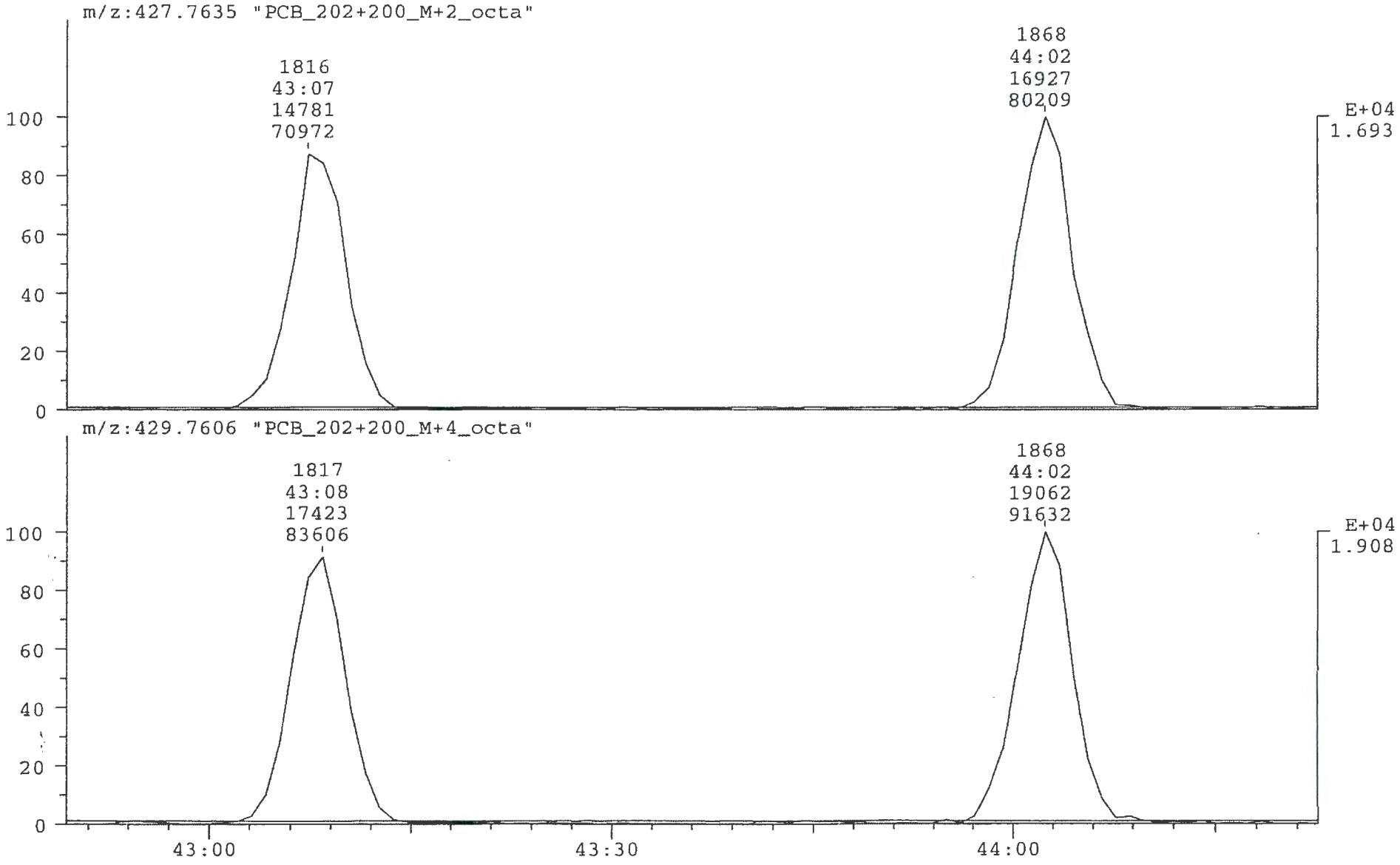
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  43:08      1817
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



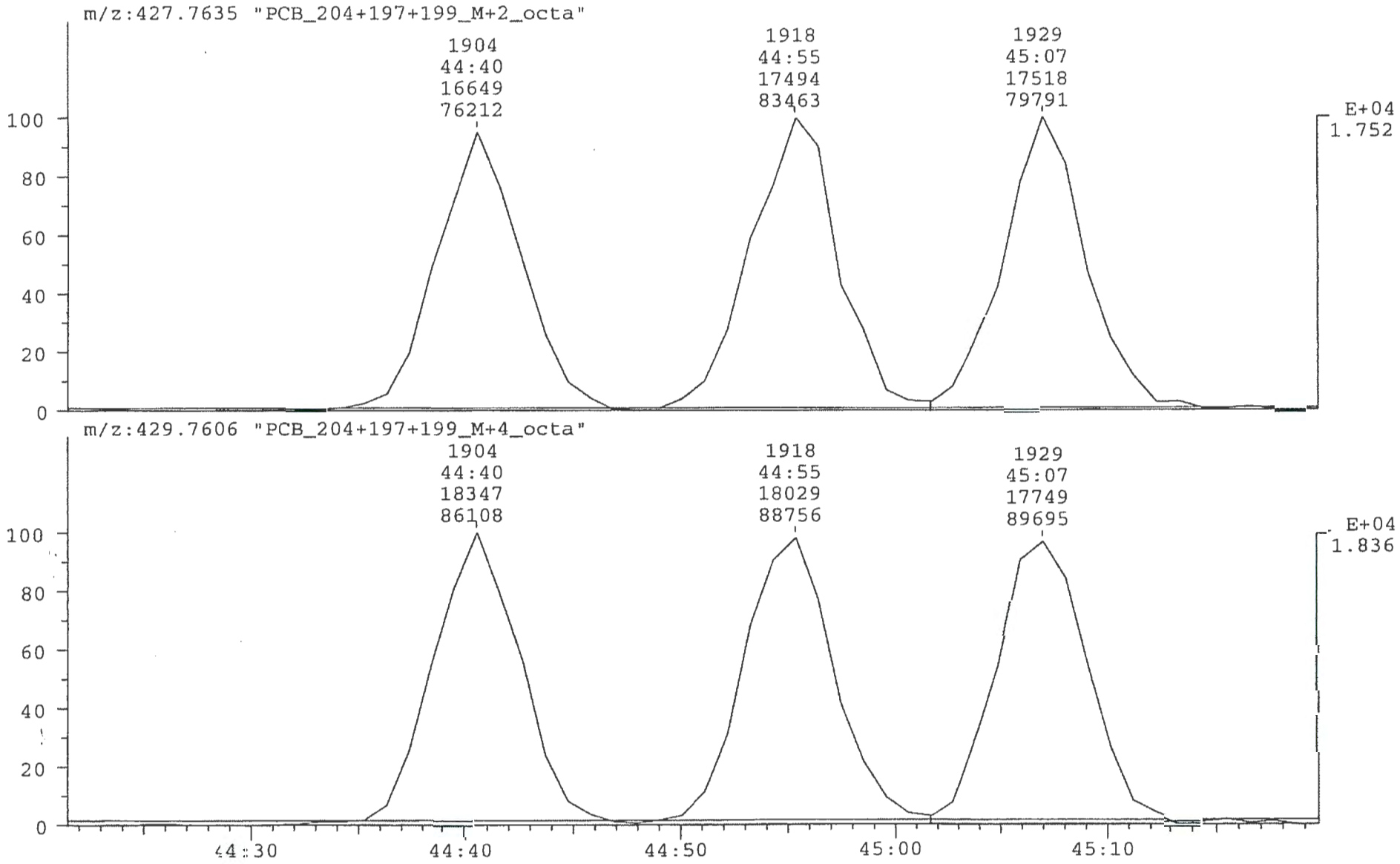
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  52:39      2353
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   2319 > 2388           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



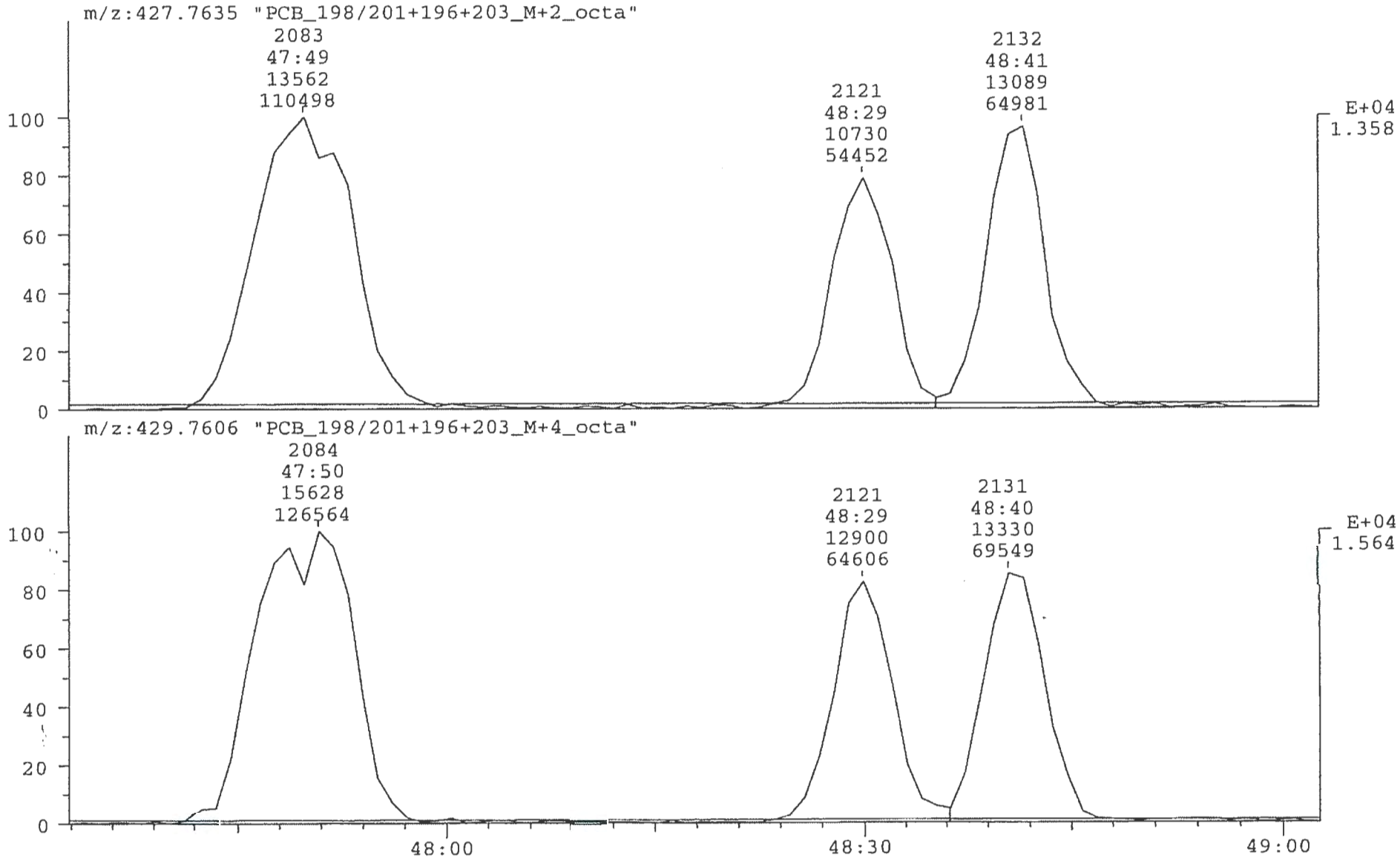
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  43:40      1847
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   5
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
```



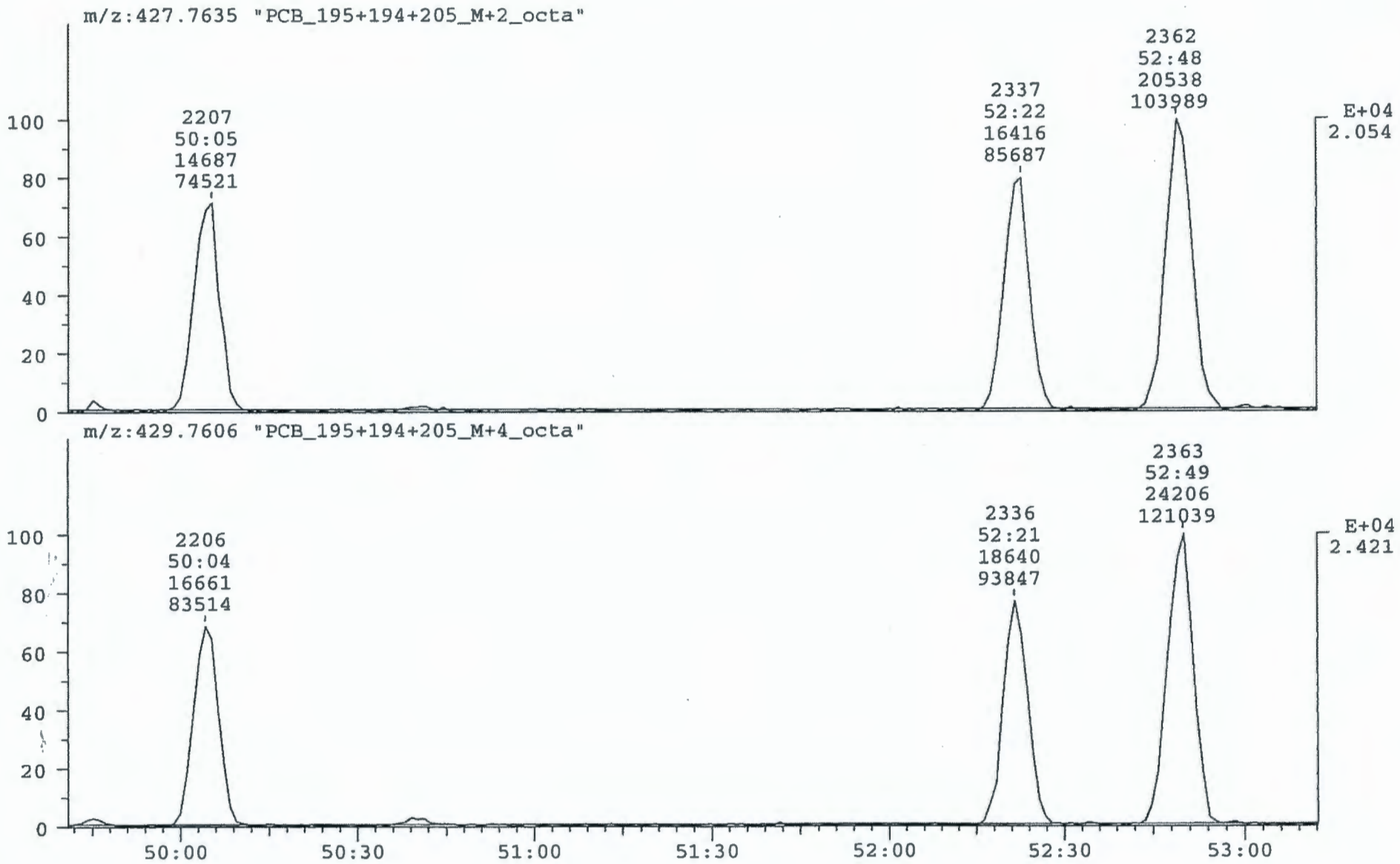
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  44:42      1906
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
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
```



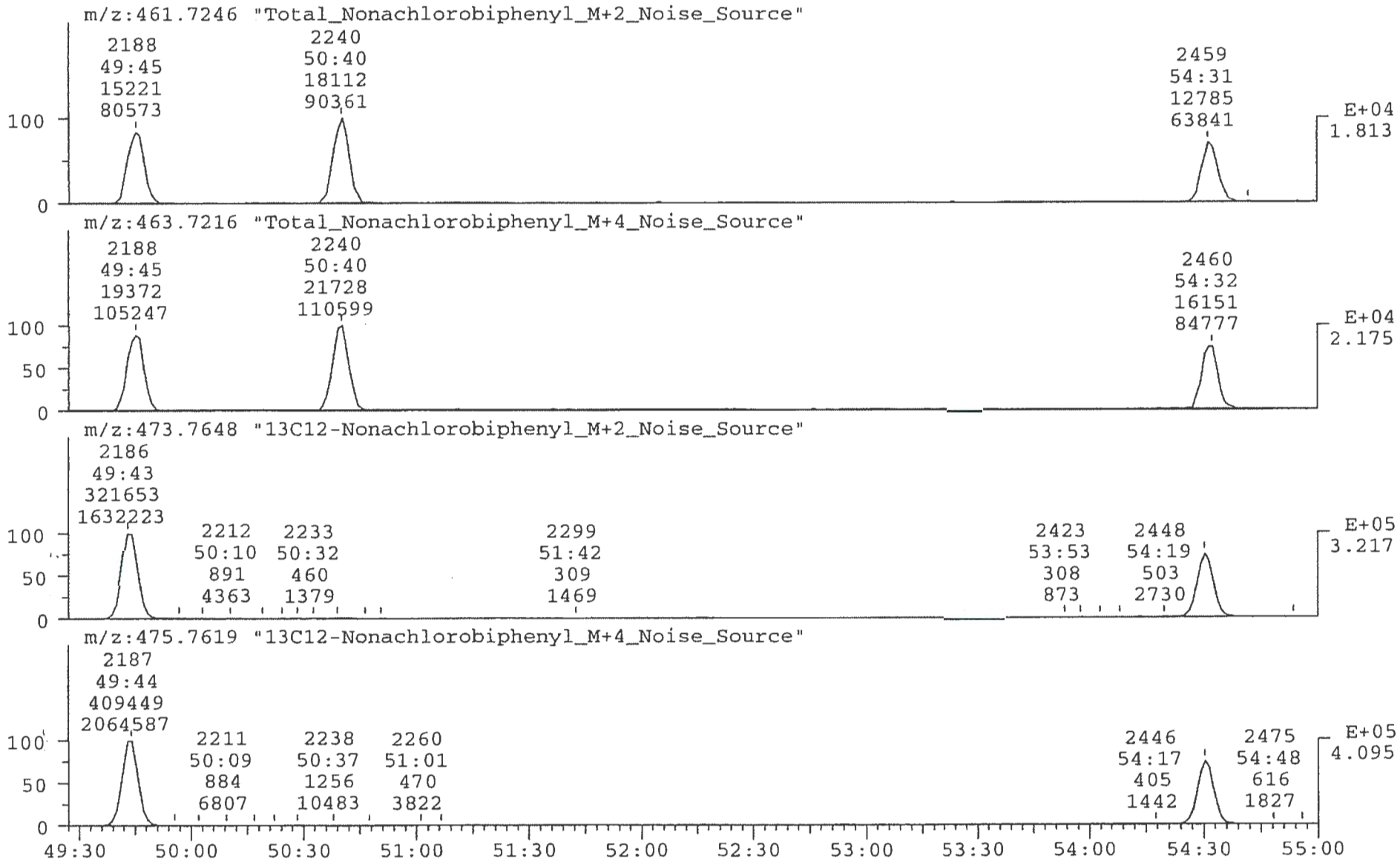
CHRO: a070313i2 13-Mar-07 Elapse: 48:33 2124
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2067 > 2152 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



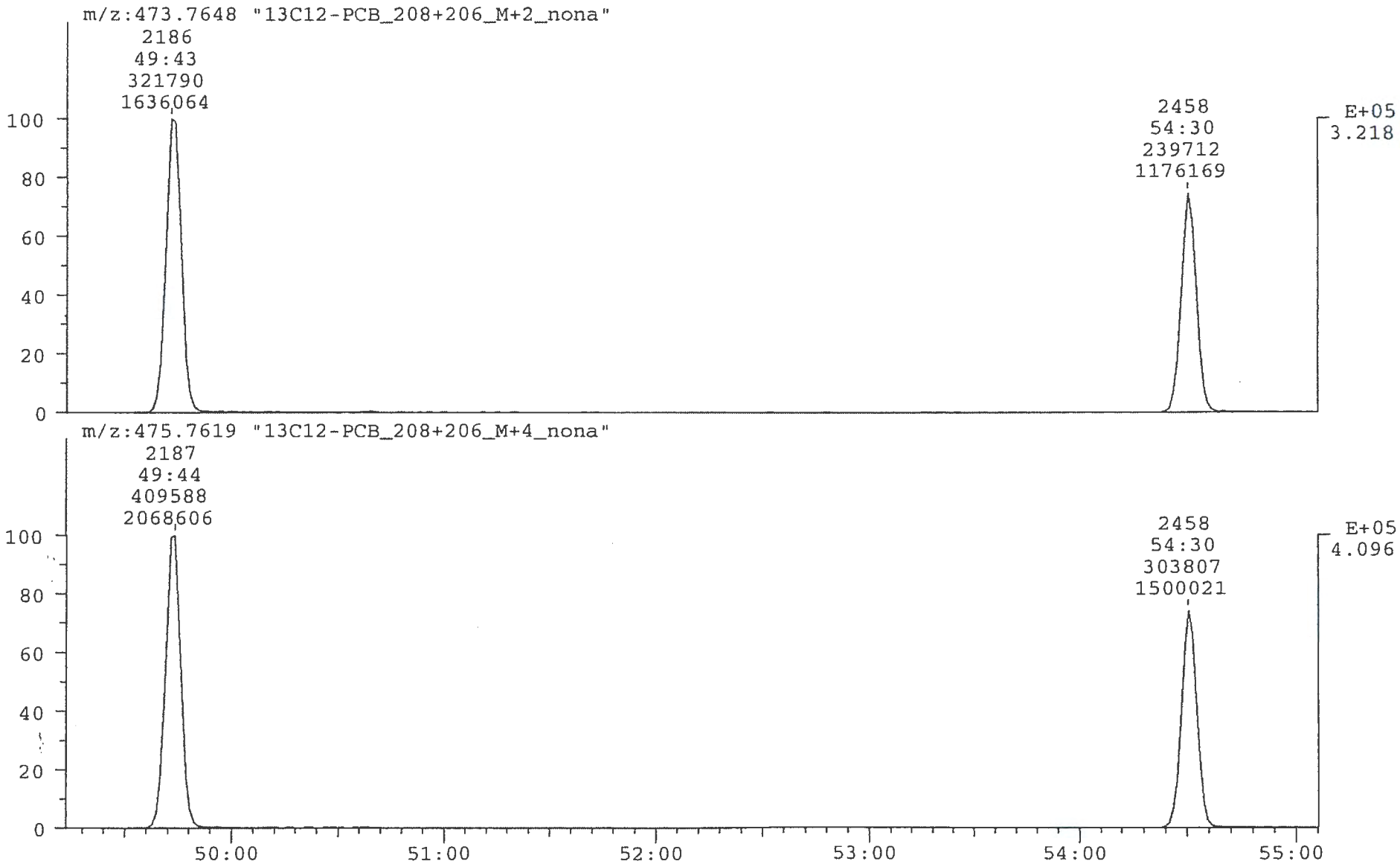
CHRO: a070313i2 13-Mar-07 Elapse: 52:24 2339
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2184 > 2384 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



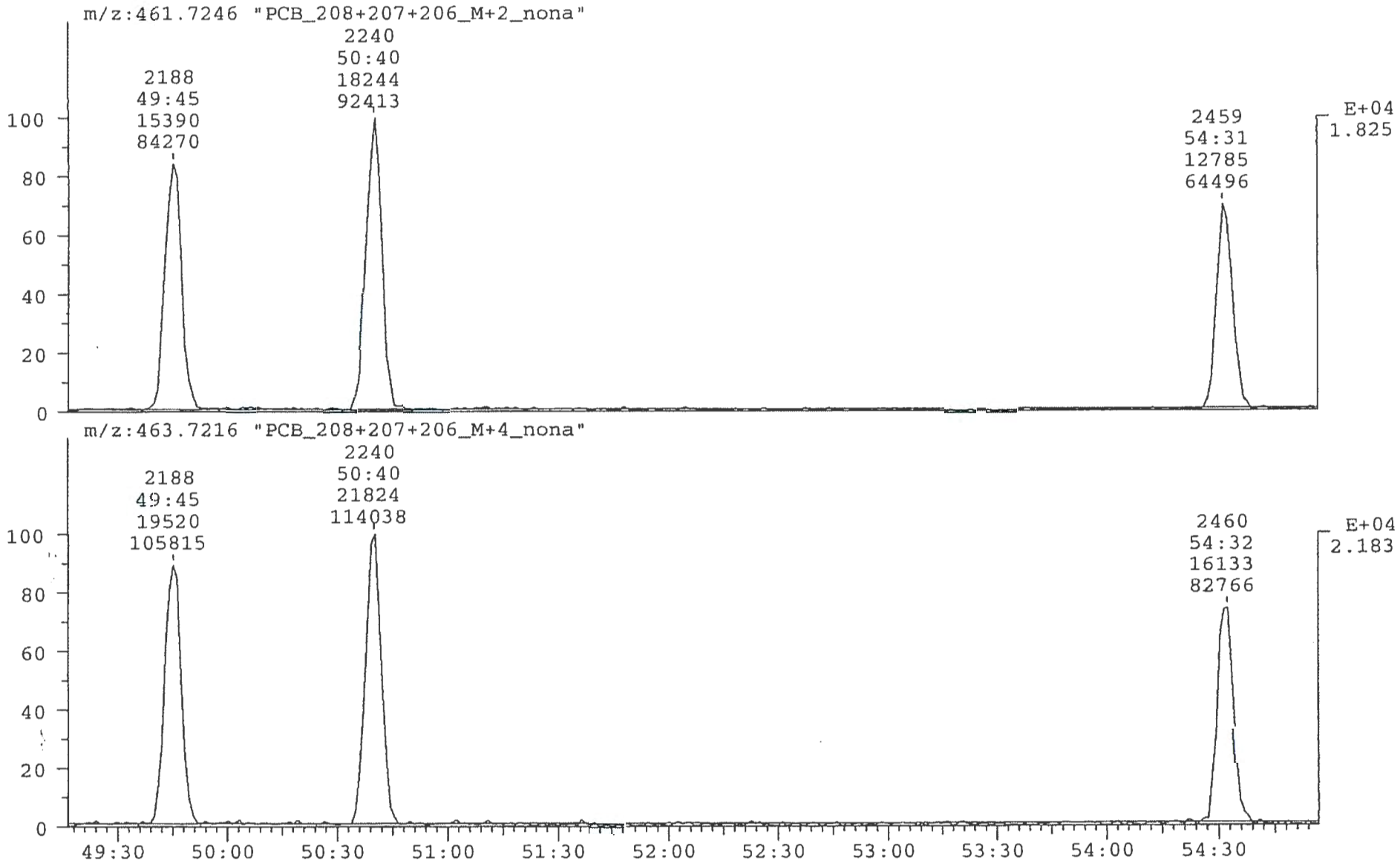
CHRO: a070313i2 13-Mar-07 Elapse: 52:13 2328
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2171 > 2486 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



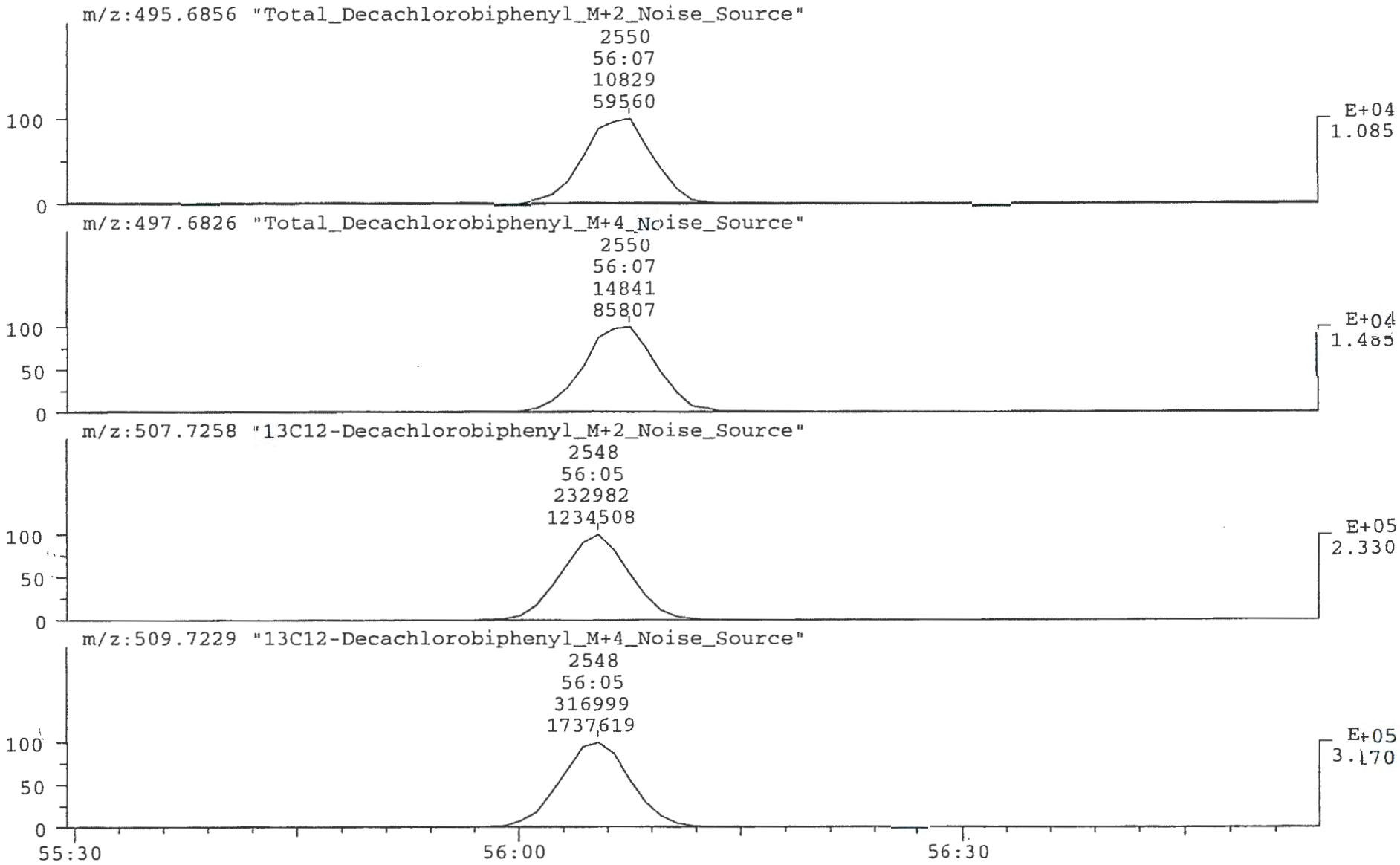
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  52:11      2327
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



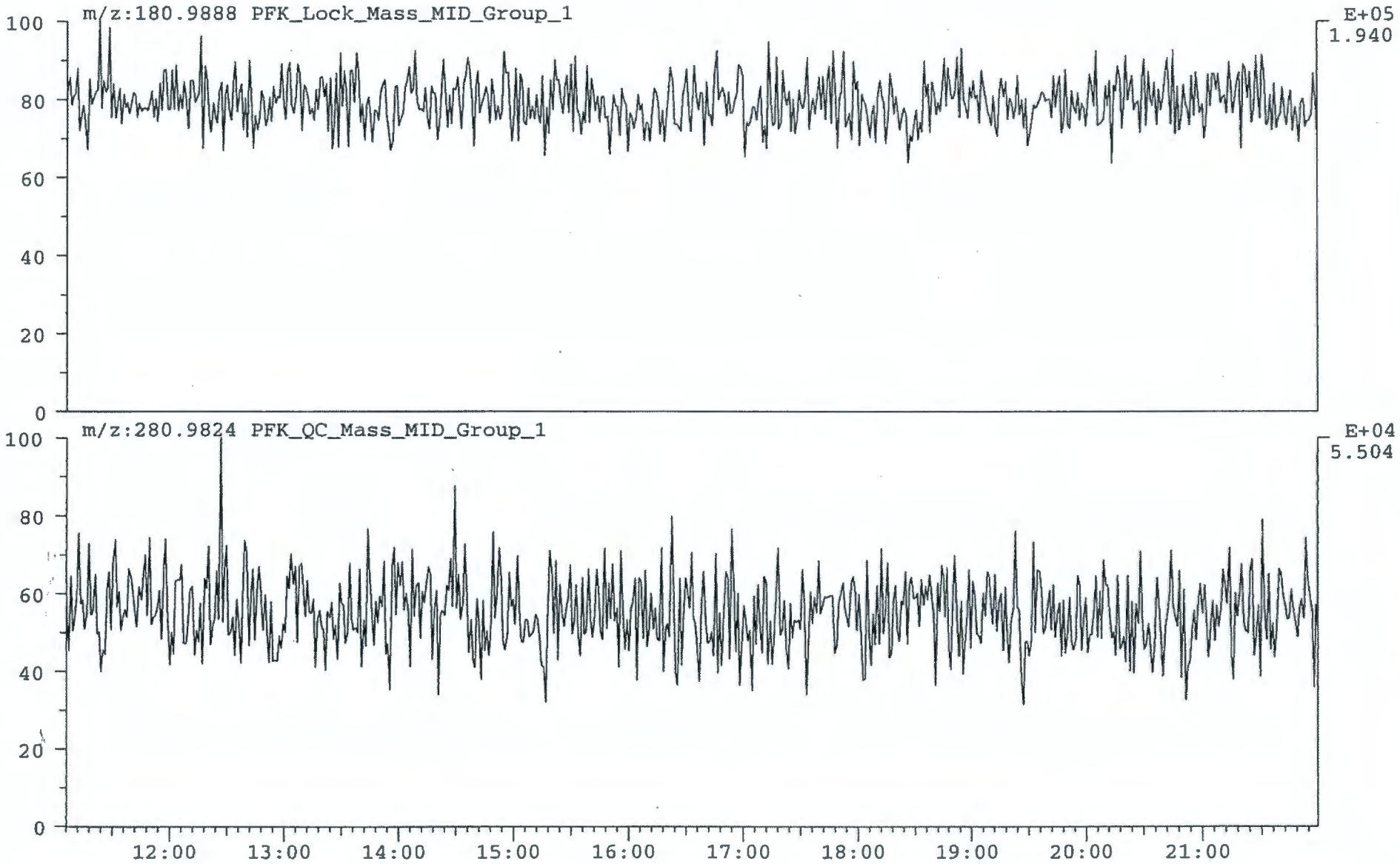
CHRO: a070313i2 13-Mar-07 Elapse: 52:13 2328
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 2165 > 2483 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



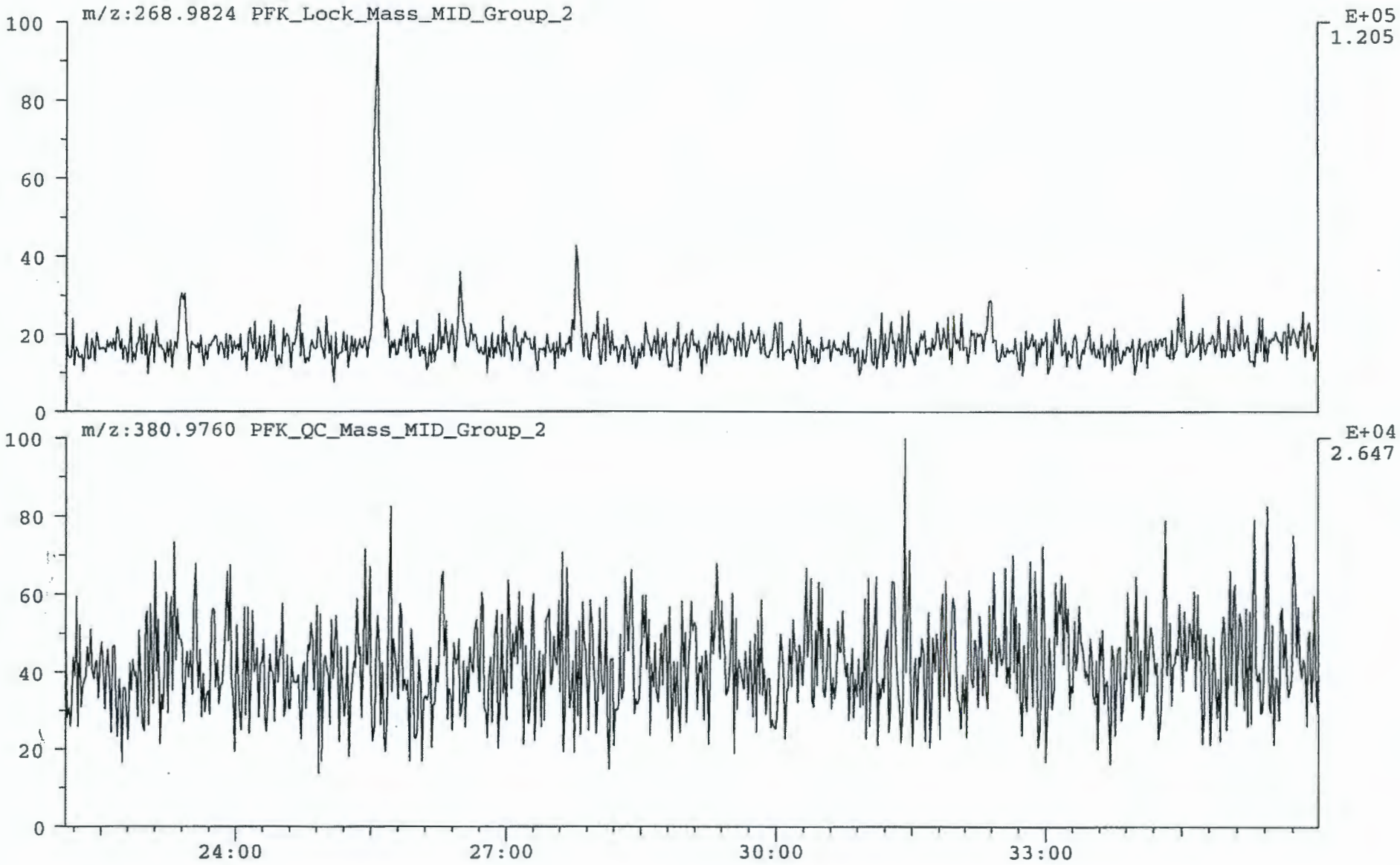
```
CHRO:  a070313i2                                13-Mar-07   Elapse:  56:11      2554
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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
```



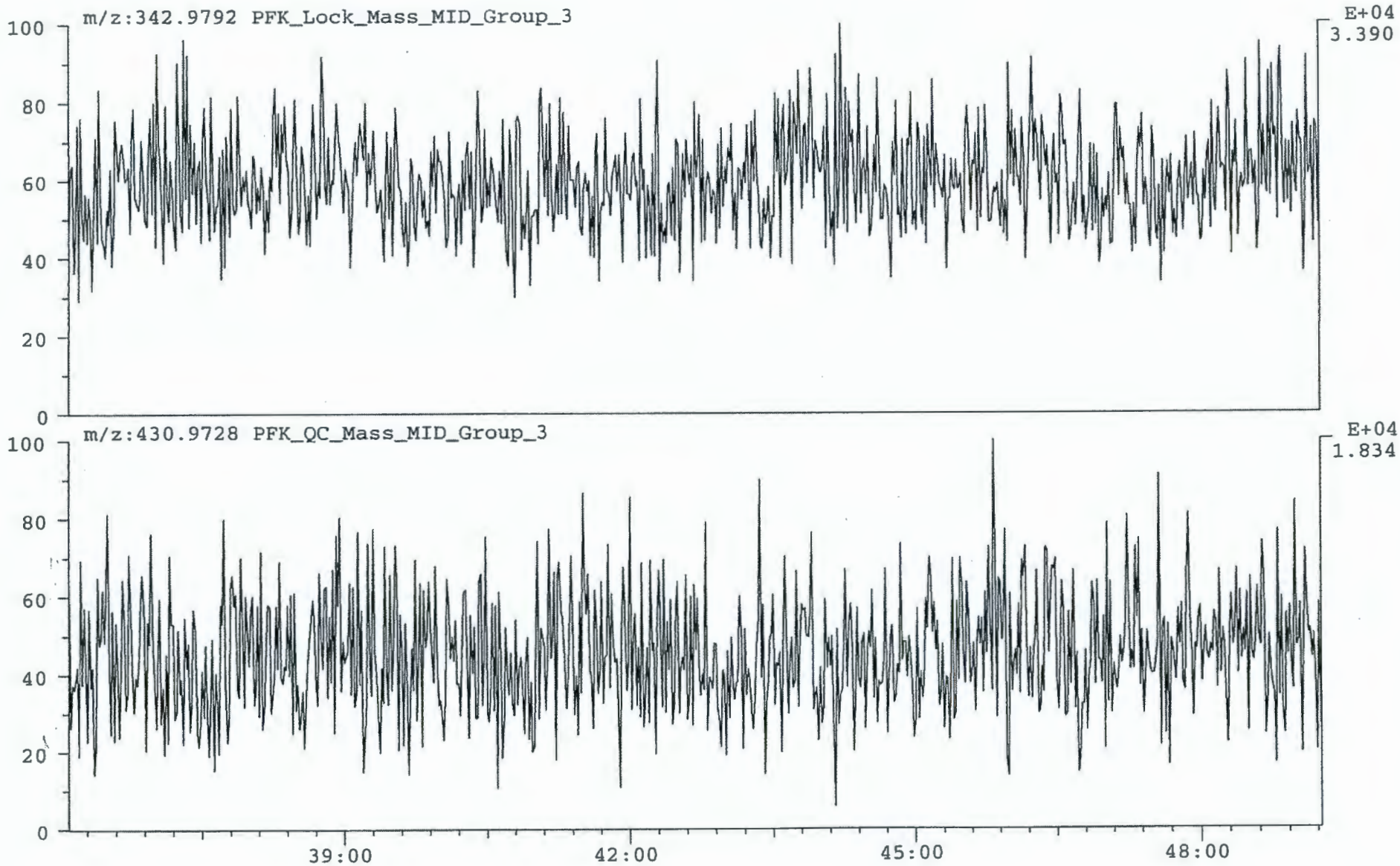
CHRO: a070313i2 13-Mar-07 Elapse: 56:11 2554
Samp: Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1 Start : 21:18:15 2601
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS2
Oper: DCG Client: STL Knoxville Inlet : GC Vial 5
Peak: 100.00 ppm Label wndw: 6 > 624 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



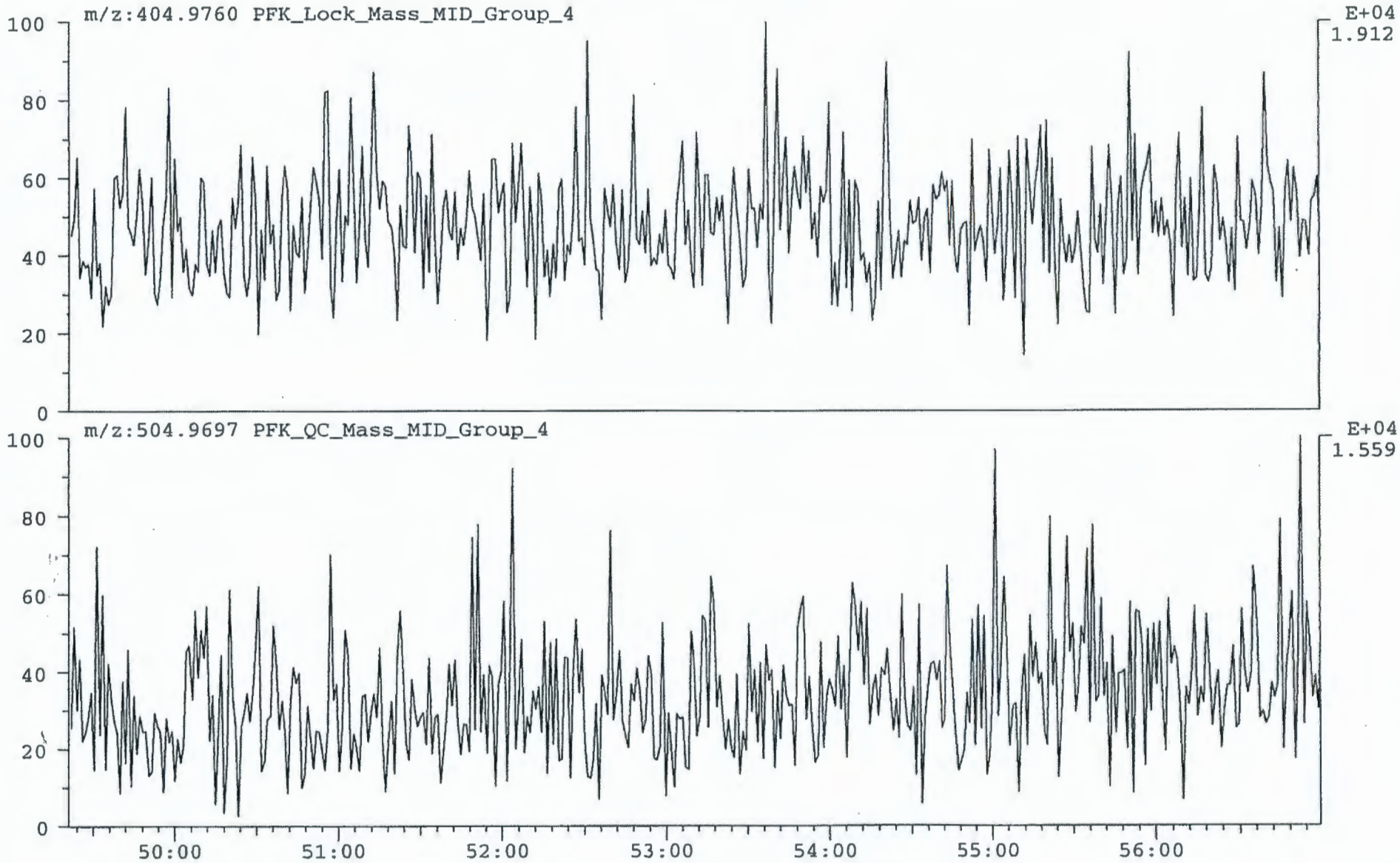
```
CHRO:  a070313i2                                13-Mar-07  Elapse:  56:11      2554
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial  5
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:  a070313i2                                13-Mar-07   Elapse:  56:11      2554
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                  Start :  21:18:15   2601
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   5
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:  a070313i2                                13-Mar-07  Elapse:  56:11      2554
Samp:  Vial 5 WO=2990:71CS2 Meth=IE3 Dil=1                 Start :  21:18:15   2601
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS2
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   5
Peak:  100.00  ppm      Label wndw:   2166 > 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 - icislms
ICIS Version 8.2.1

ICL Version: 10.710
File name: a070313i2
Study: ICAL CS2
Sample: WO=2990:71CS2 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 5
Analysis will stop when MID run finishes
Tune file name: tune2
Mcal file name: mcal1.cal
File 1 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	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	3.9059
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	1.0002
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	1002.6738	FSLOPE	54000000.0000	FVANAL	258.0000
FVINLET	266.0000	FVSRC	839.0000	FWIN	0.7000
GCTC	75.0000	GCTI	270.0000	GCTL	280.0000
HACCU	187.0000	HCURR	0.8824	HVANAL	1320.0000
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	1291.0000	LENSS	83.6000
LKM	180.9888	LM	800.0000	LMASS	180.9888
LMII	500.0000	MASS	180.9888	MDAC	2352236.6670

MDACR	23.0000	MRANGE	1032.2528	MSFM	2.0000
MSLM	3790.0000	NPEAK	200.0000	NSAM	200.0000
NSCAN	2766.0000	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	0.0000	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

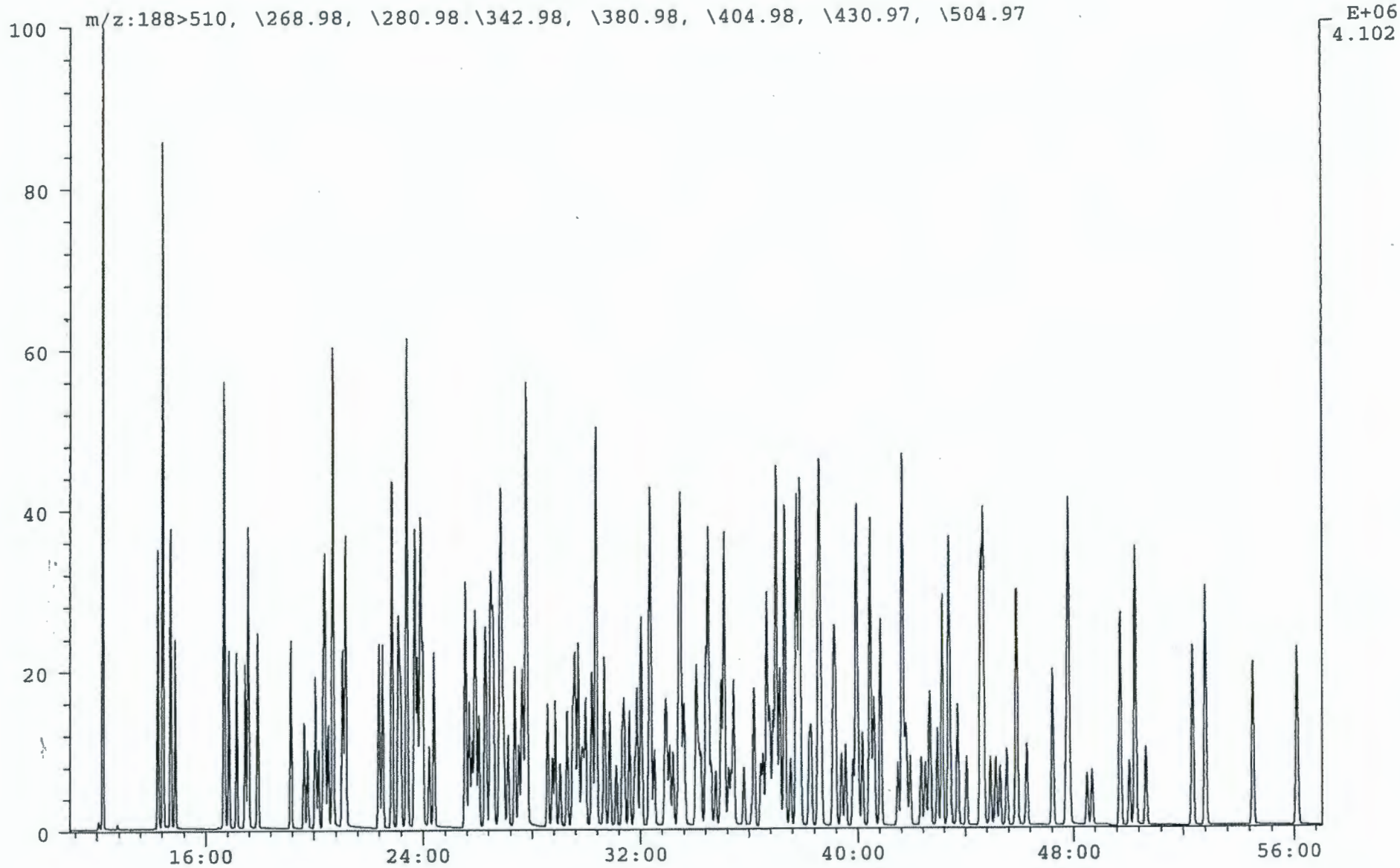
Scantype is electric
Sourcemode is EI POS

Analysis started at: 13-Mar-07 21:18:15.1

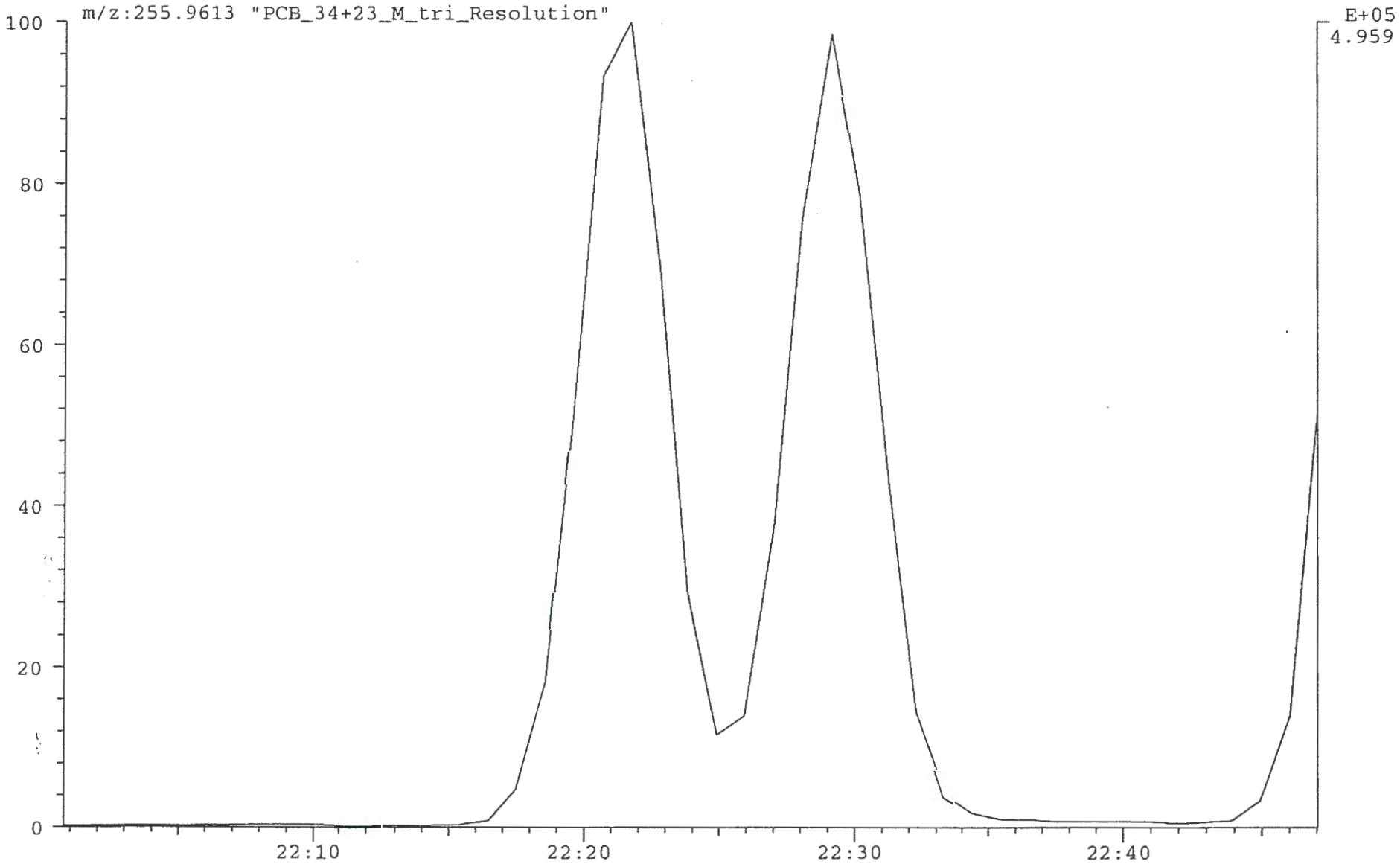
Autosampler has injected sample from vial 5
MID Time Window 1: Resolution is 6032
MID Time Window 2: Resolution is 8404
MID Time Window 3: Resolution is 8165
MID Time Window 4: Resolution is 8803
Analysis stopped at: 13-Mar-07 22:15:18.4 (run time 57.04 minutes)
Analysis stopped because MID run finished

CHRO: a070313i3 13-Mar-07 Elapse: 33:29 1274
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: 2 > 2603 Masses: 181 > 510
Area: 5, 0.50, 0 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area

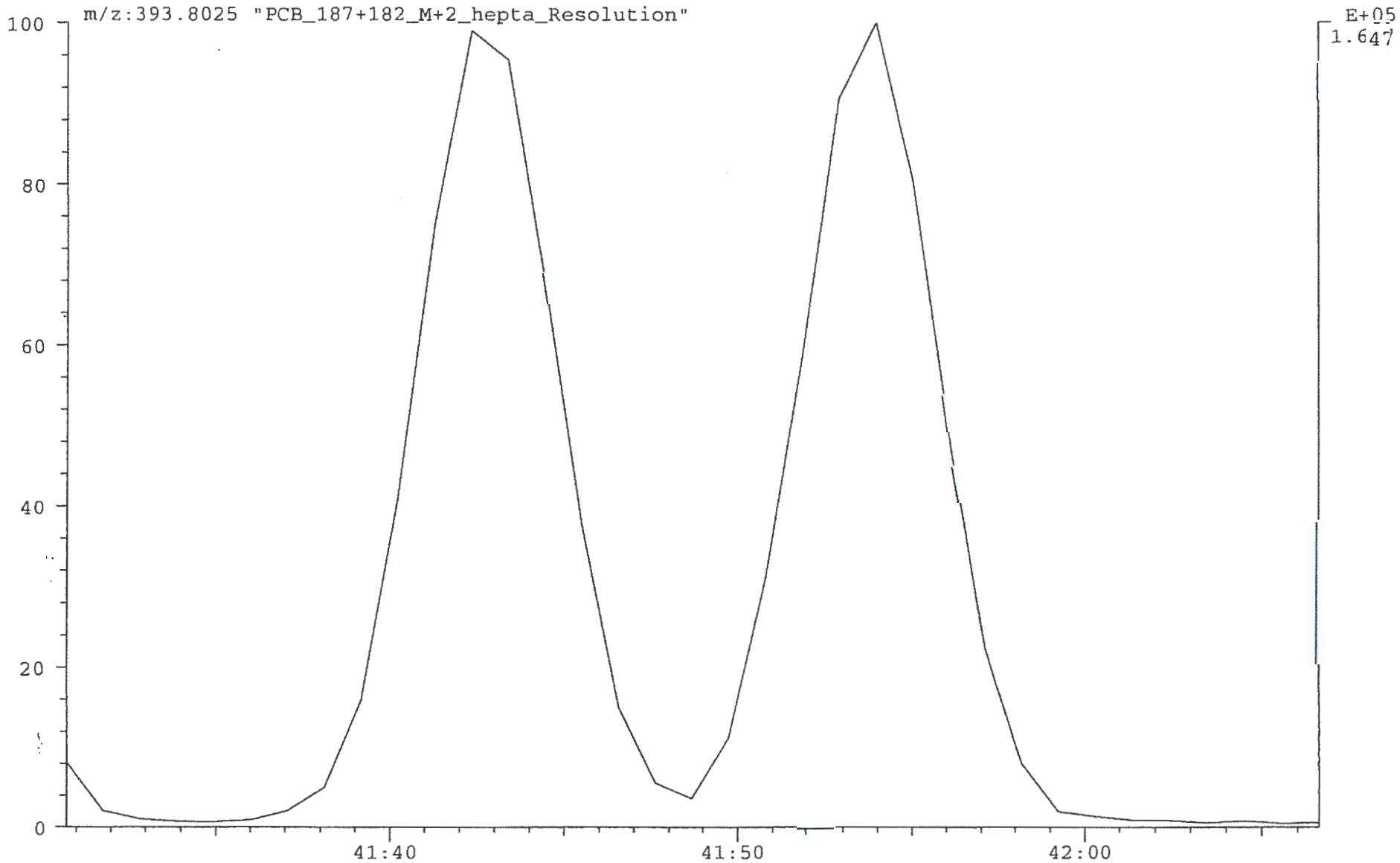
Int DCG 3.14.07
Calc DCG 3.15.07
QC BAW 3/16/07



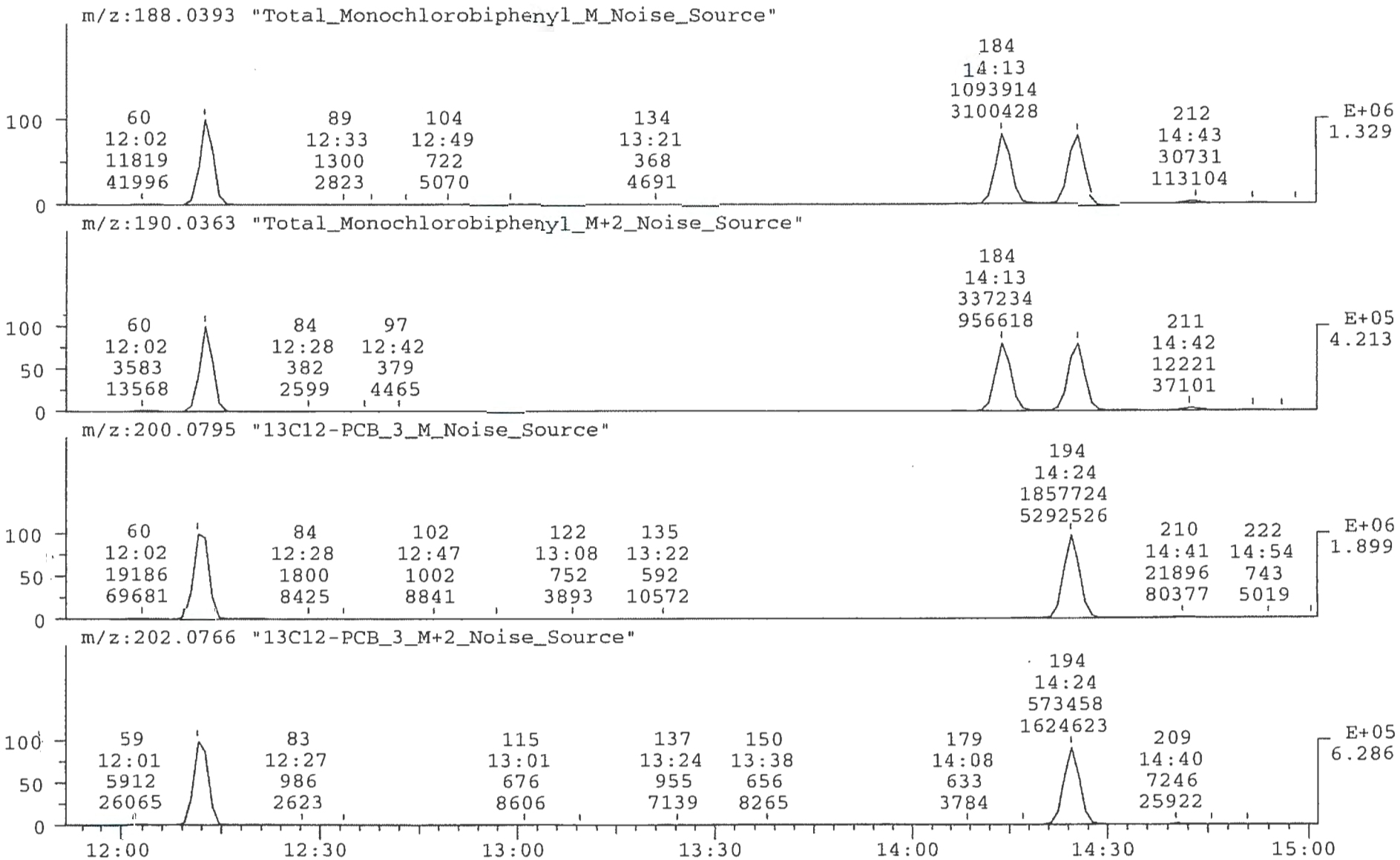
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  22:23.8      644
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   626 > 666             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 3.0
Disp:  Height  Area
```



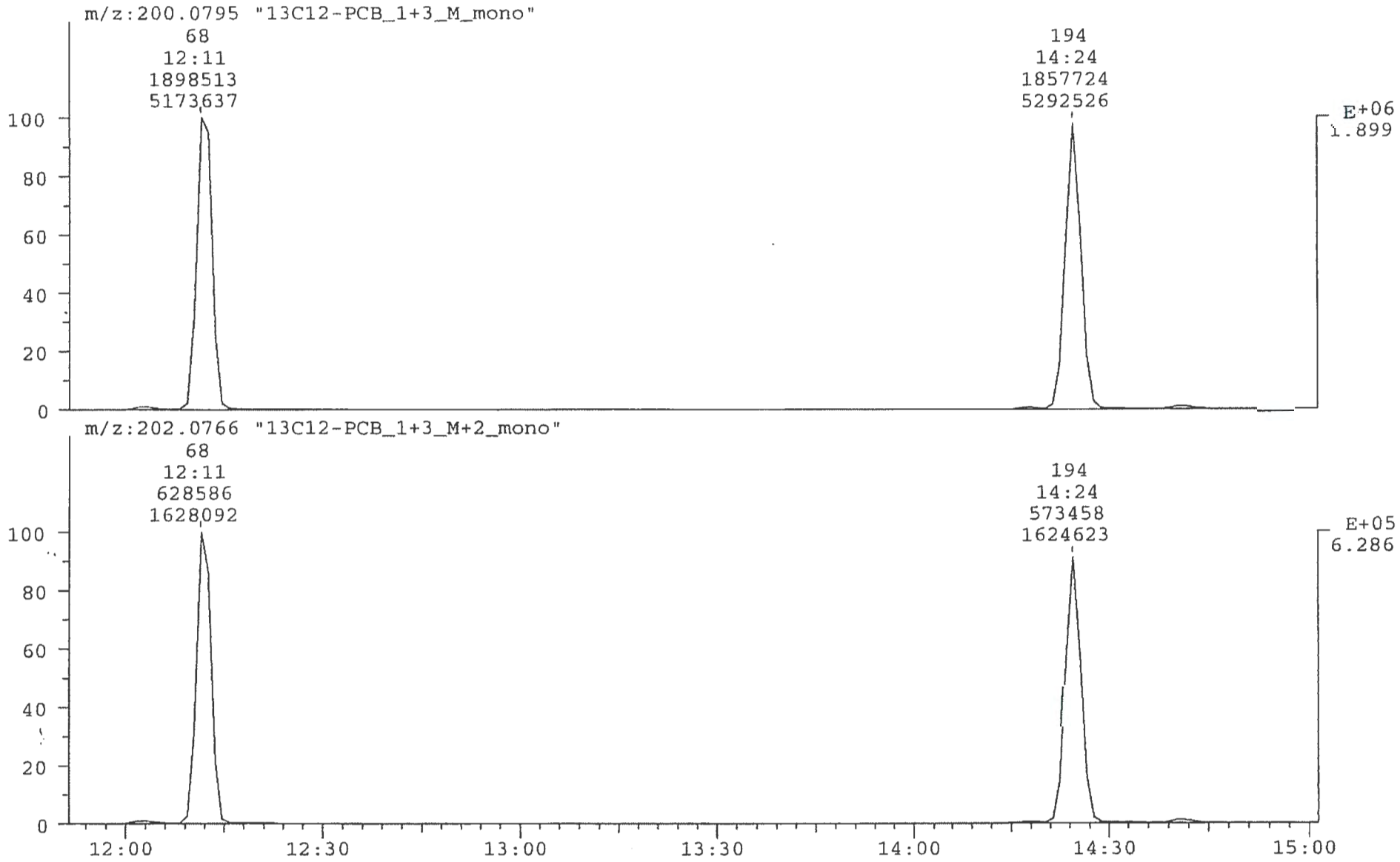
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  41:53      1748
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG           Client:  STL Knoxville                 Inlet :  GC     Vial   6
Peak:  100.00  ppm     Label wndw:   1726 > 1760            Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                 Label :  0, 3.0
Disp:  Height  Area
```



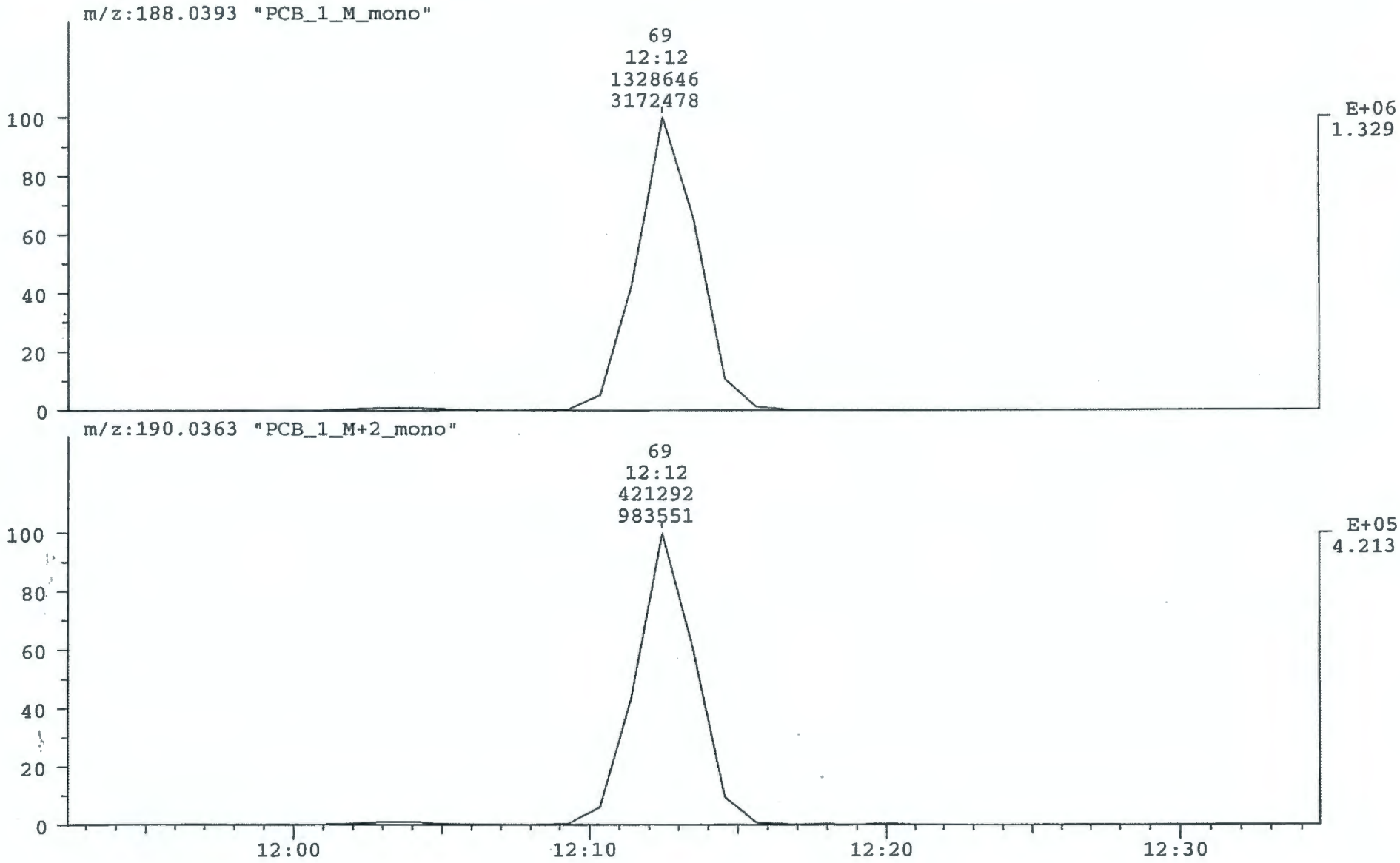
```
CHRO:  a070313i3                                13-Mar-07  Elapse:  13:26.3      139
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   49 > 229             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



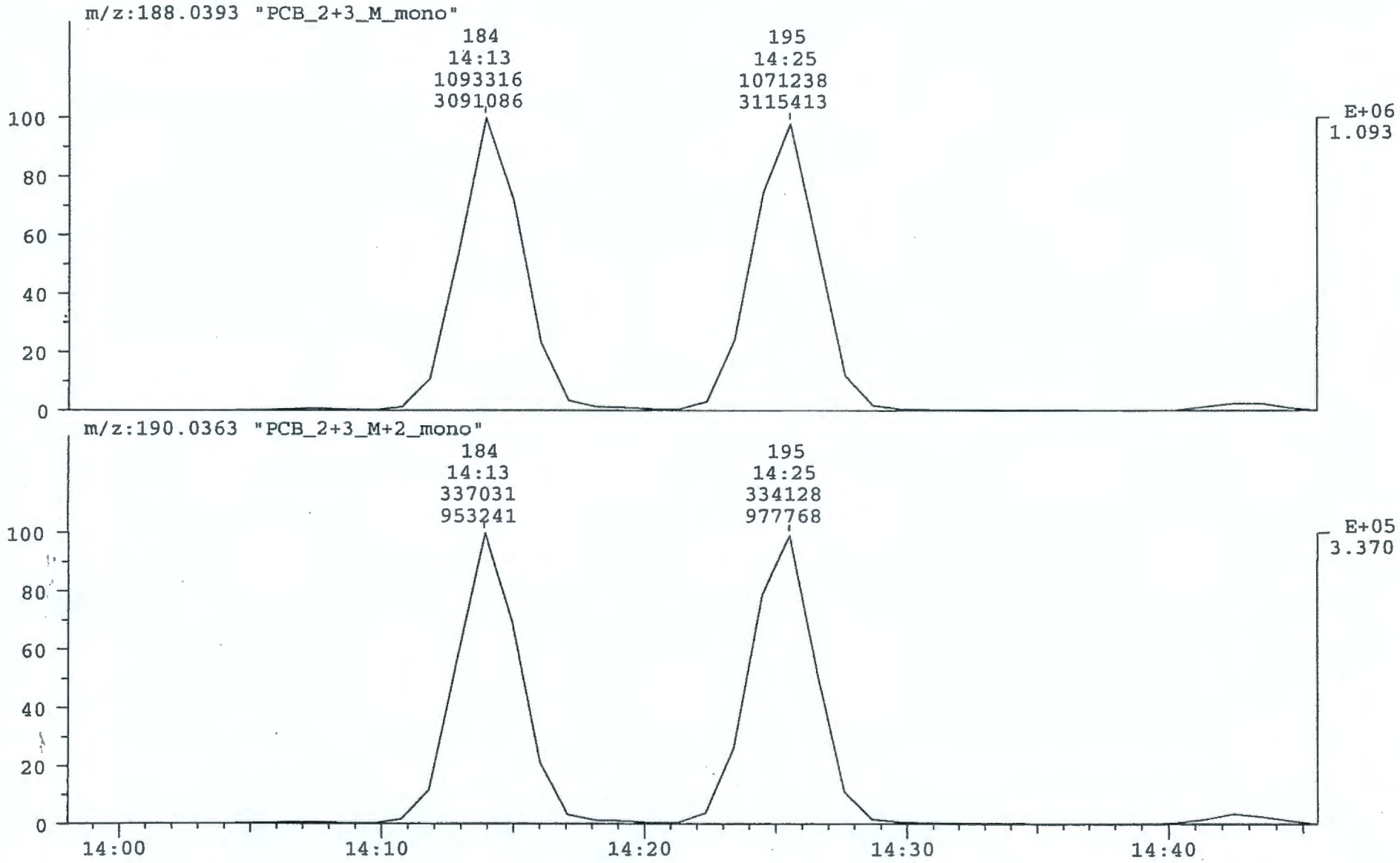
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  13:26.3      139
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   49 > 229              Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



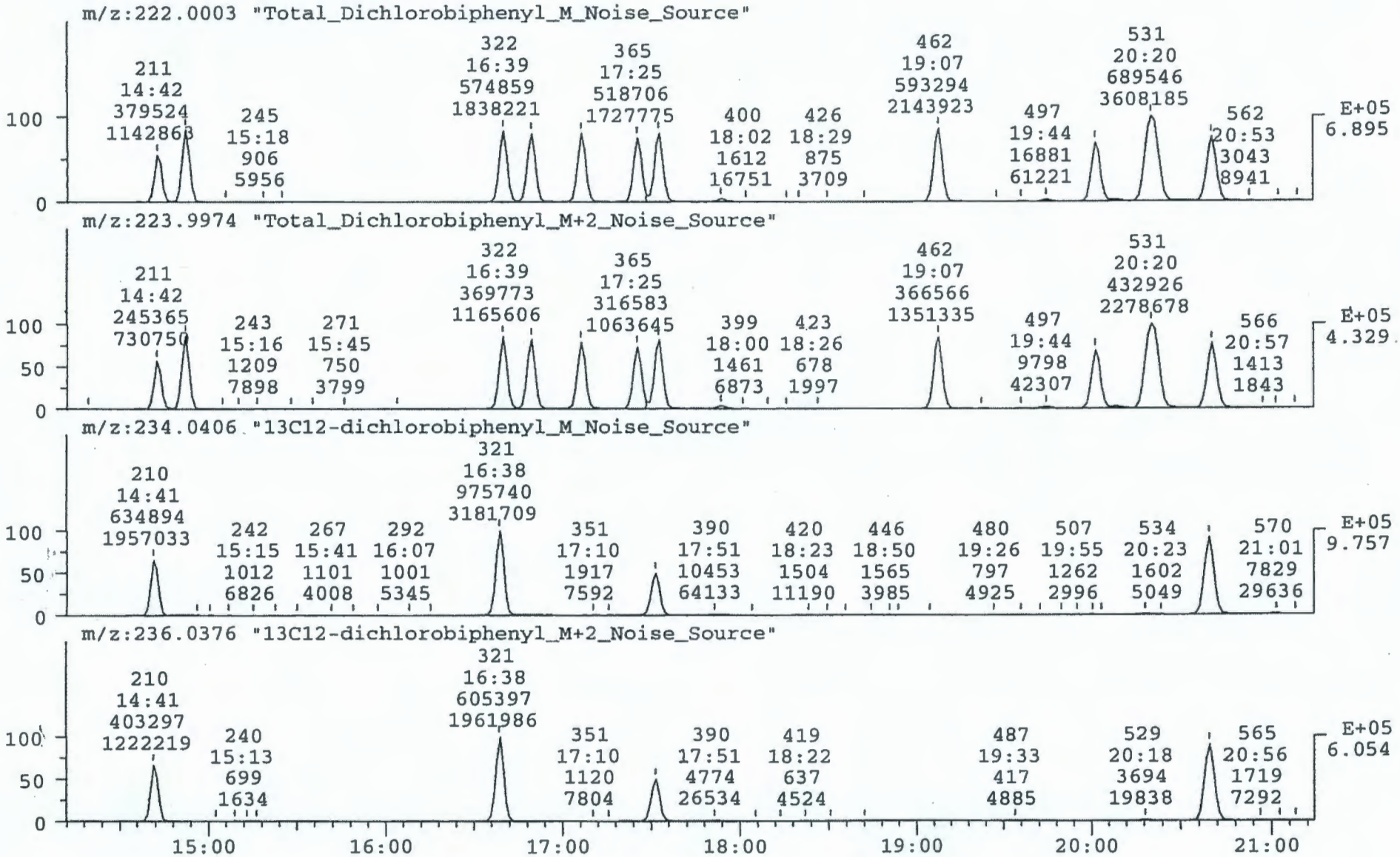
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  12:13.5      70
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   50 > 90               Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



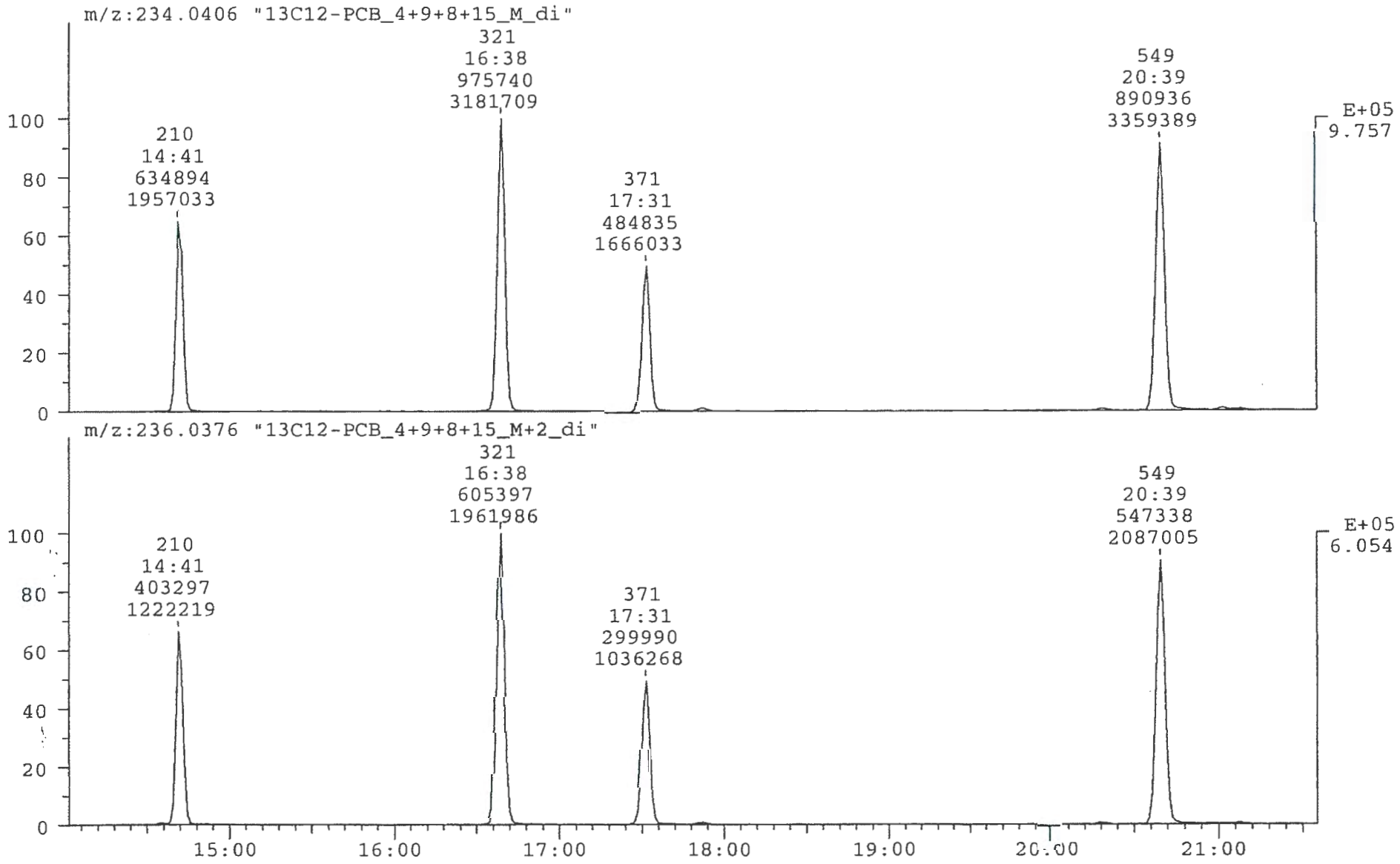
```
CHRO:  a070313i3                                13-Mar-07  Elapse:  14:24.4      194
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   169 > 214            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



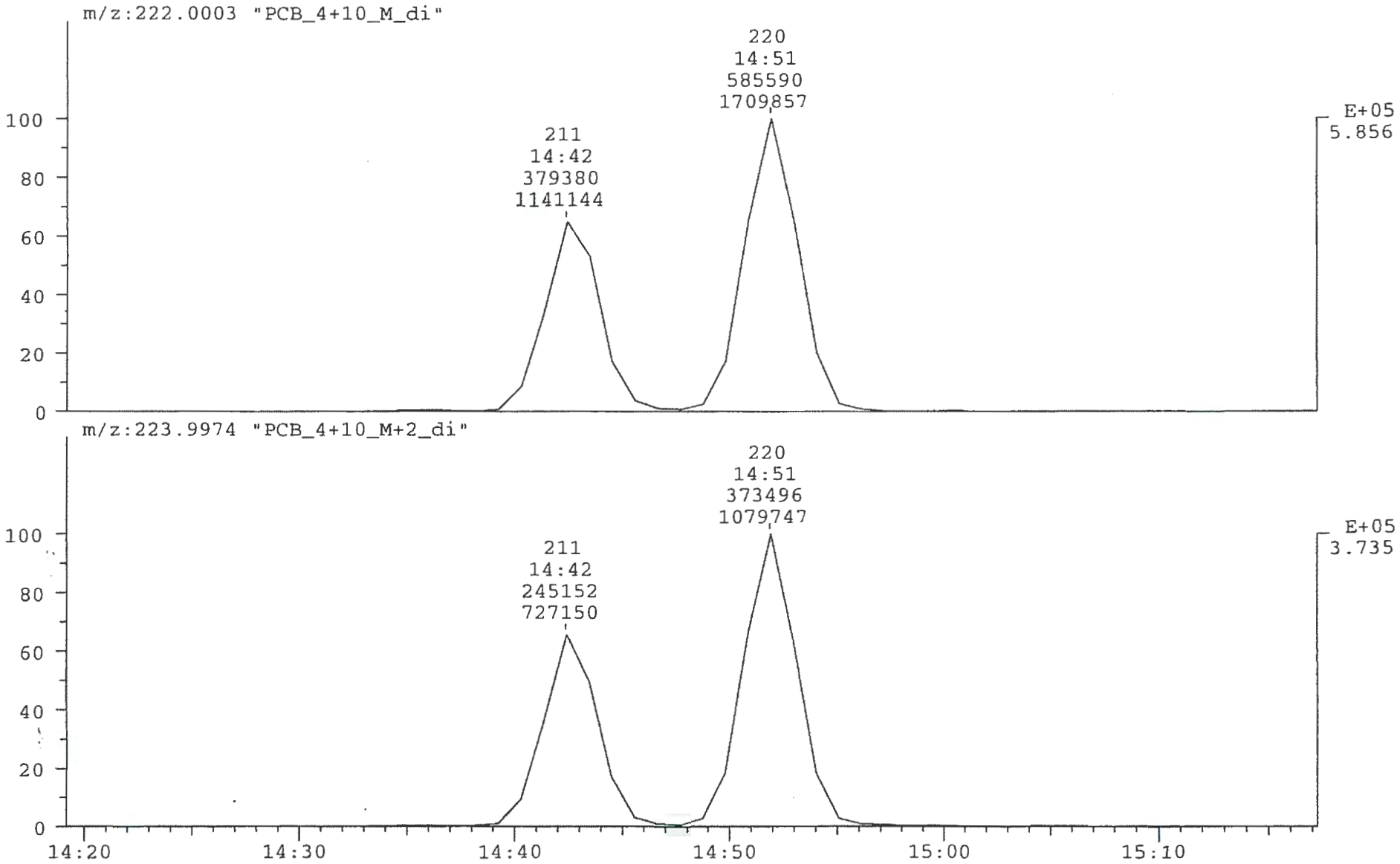
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  17:43.9      382
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   182 > 582             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



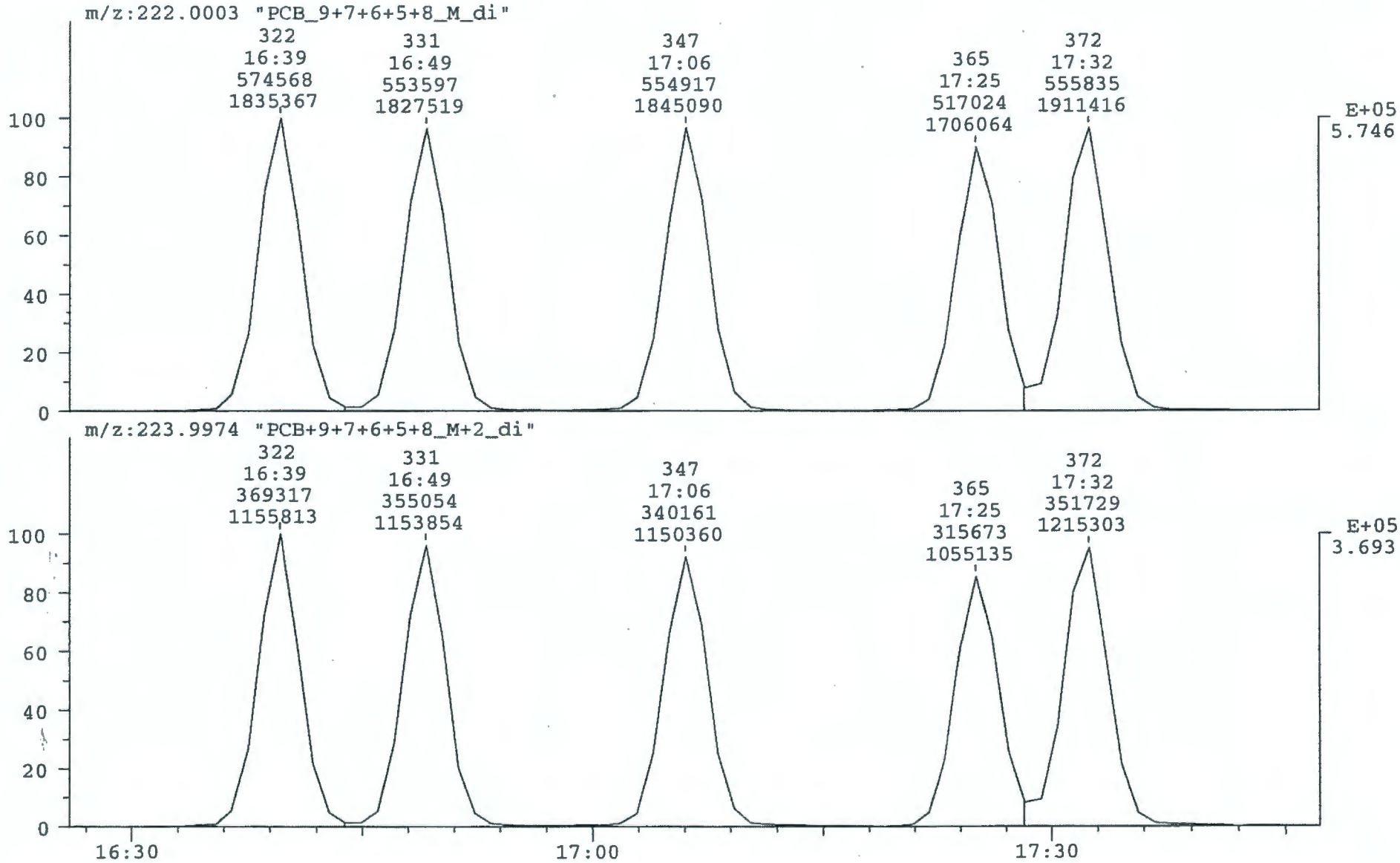
CHRO: a070313i3 13-Mar-07 Elapse: 17:43.9 382
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 172 > 602 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



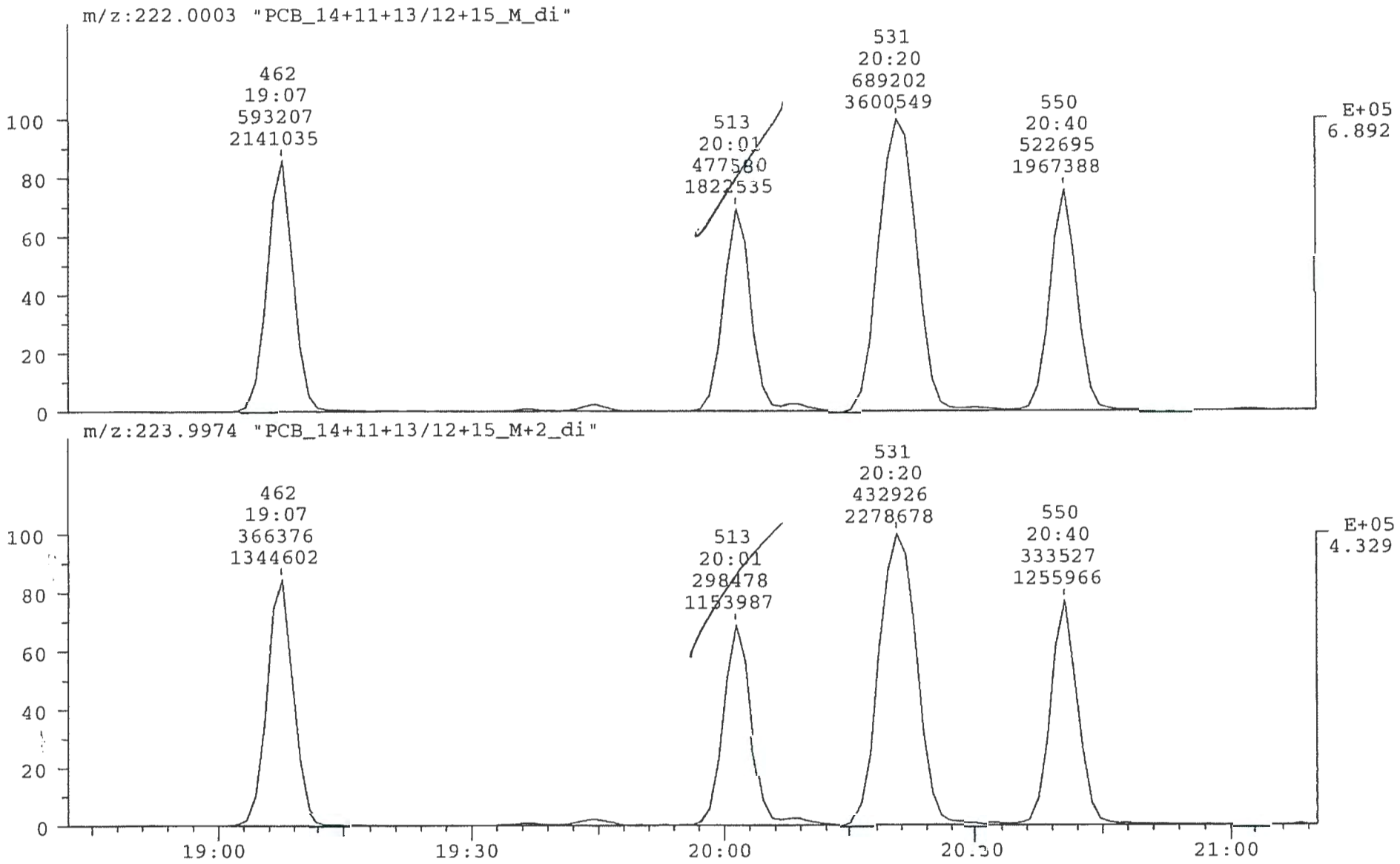
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  14:50.8      219
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   189 > 244             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



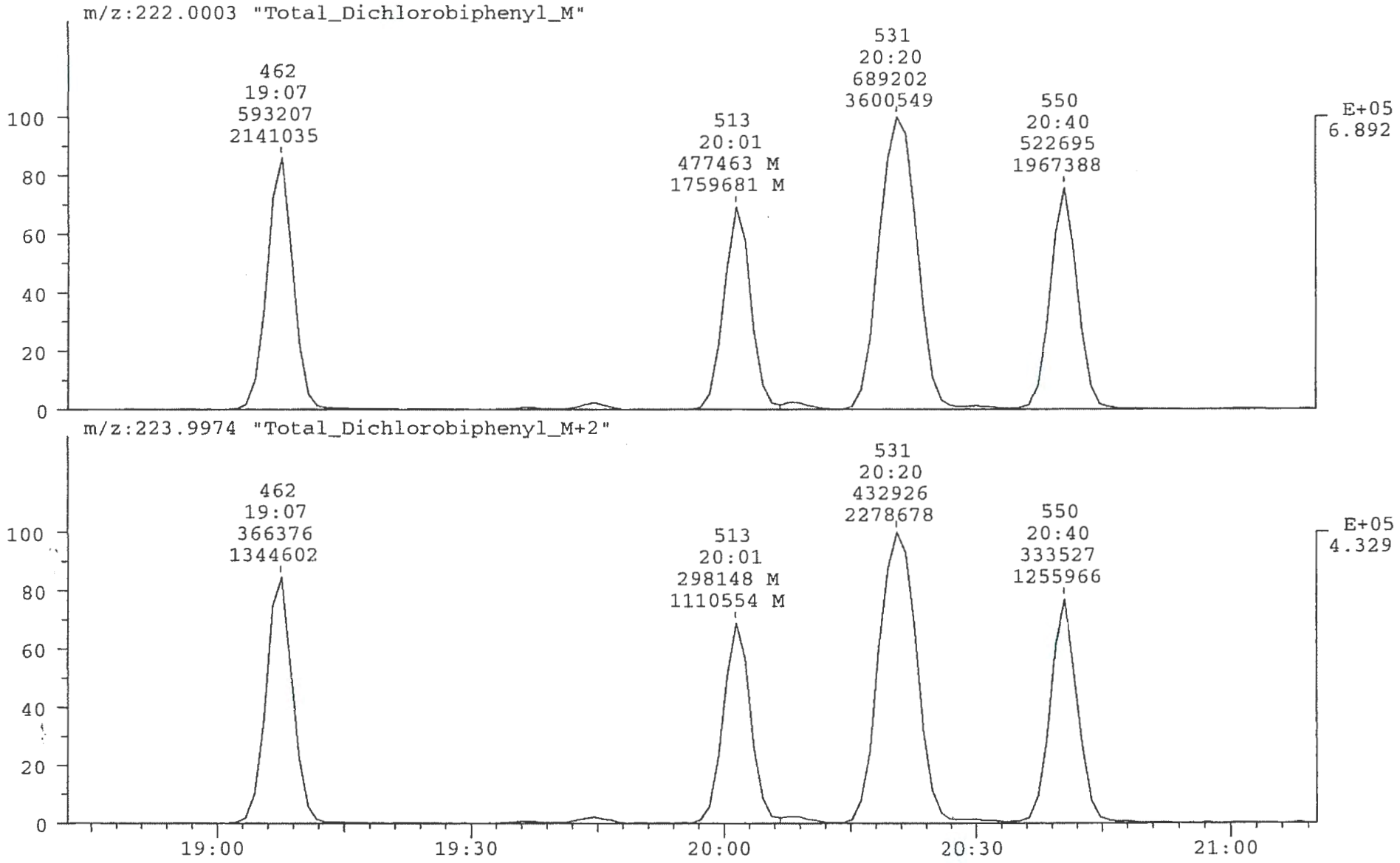
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  17:10.2      351
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   309 > 386             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



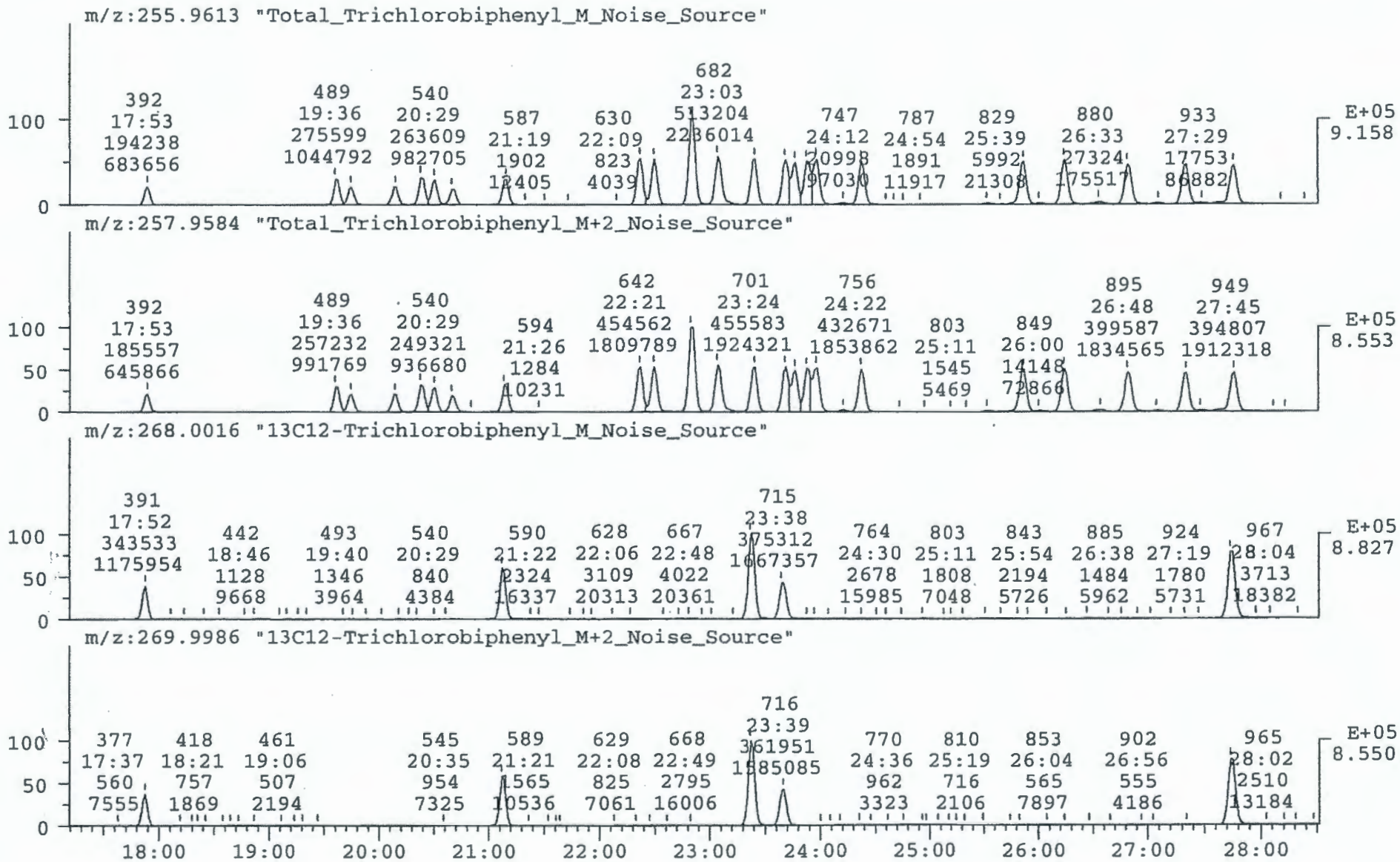
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  19:56.1      508
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



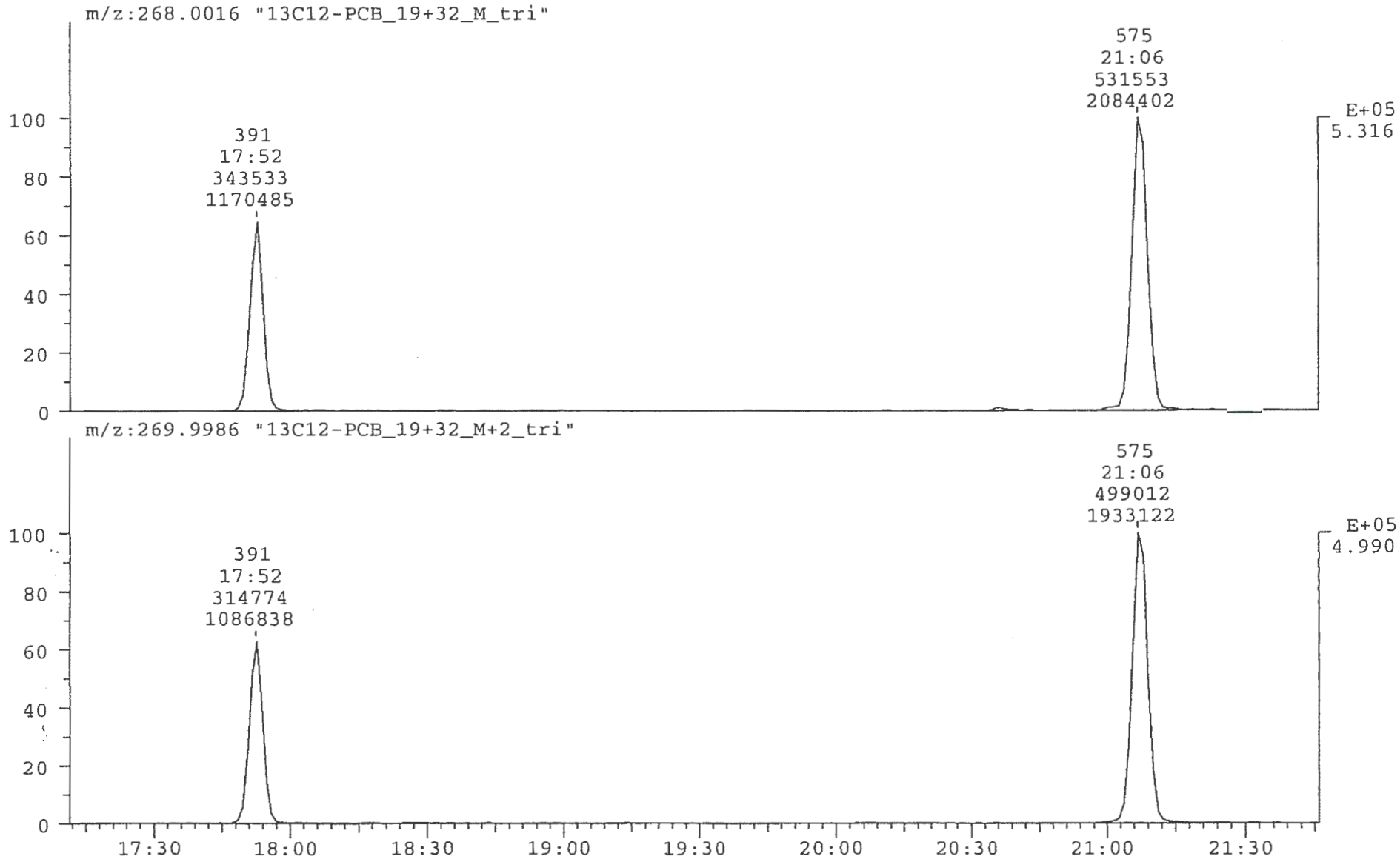
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   438 > 578             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



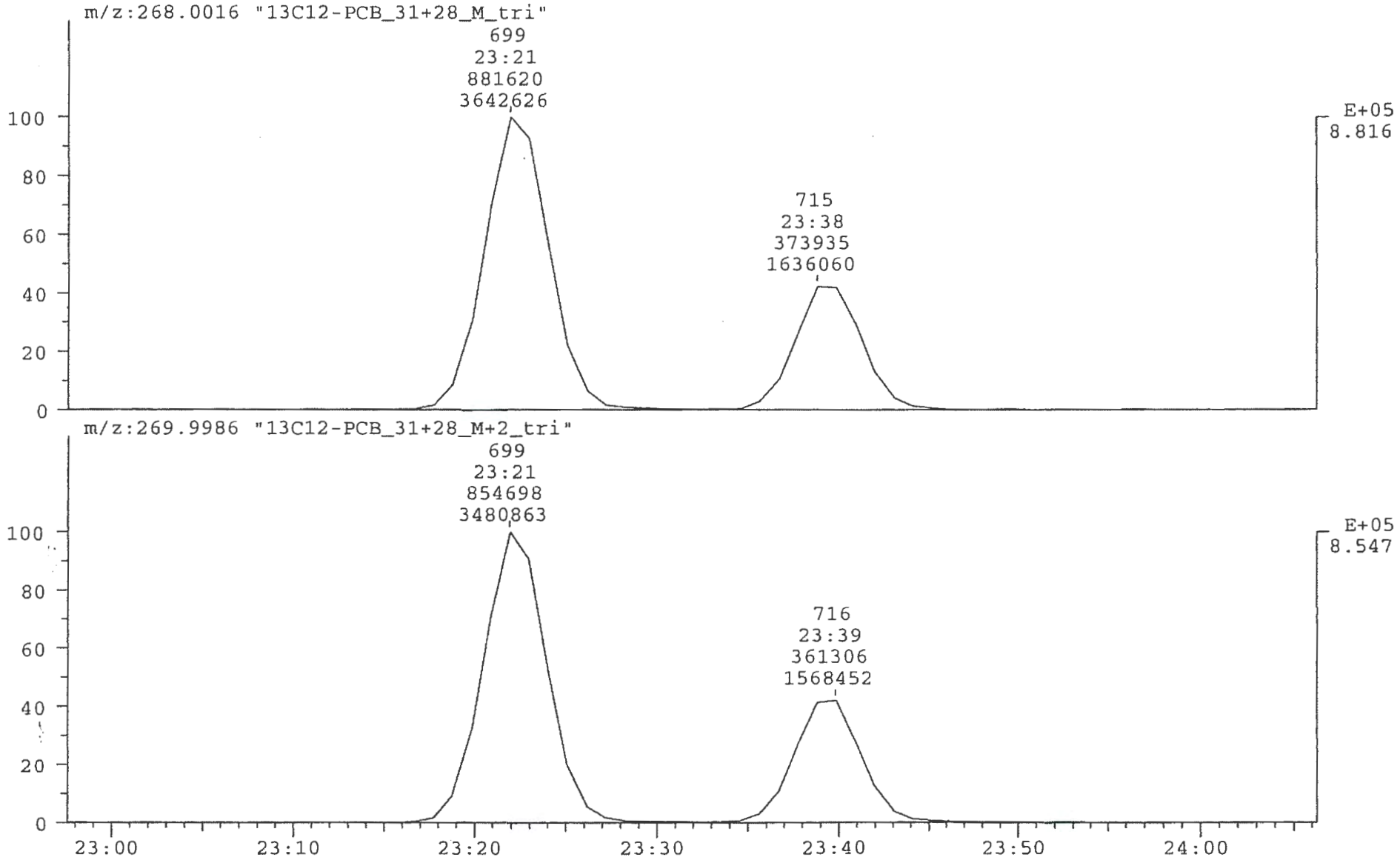
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  22:53.3      672
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   352 > 992             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



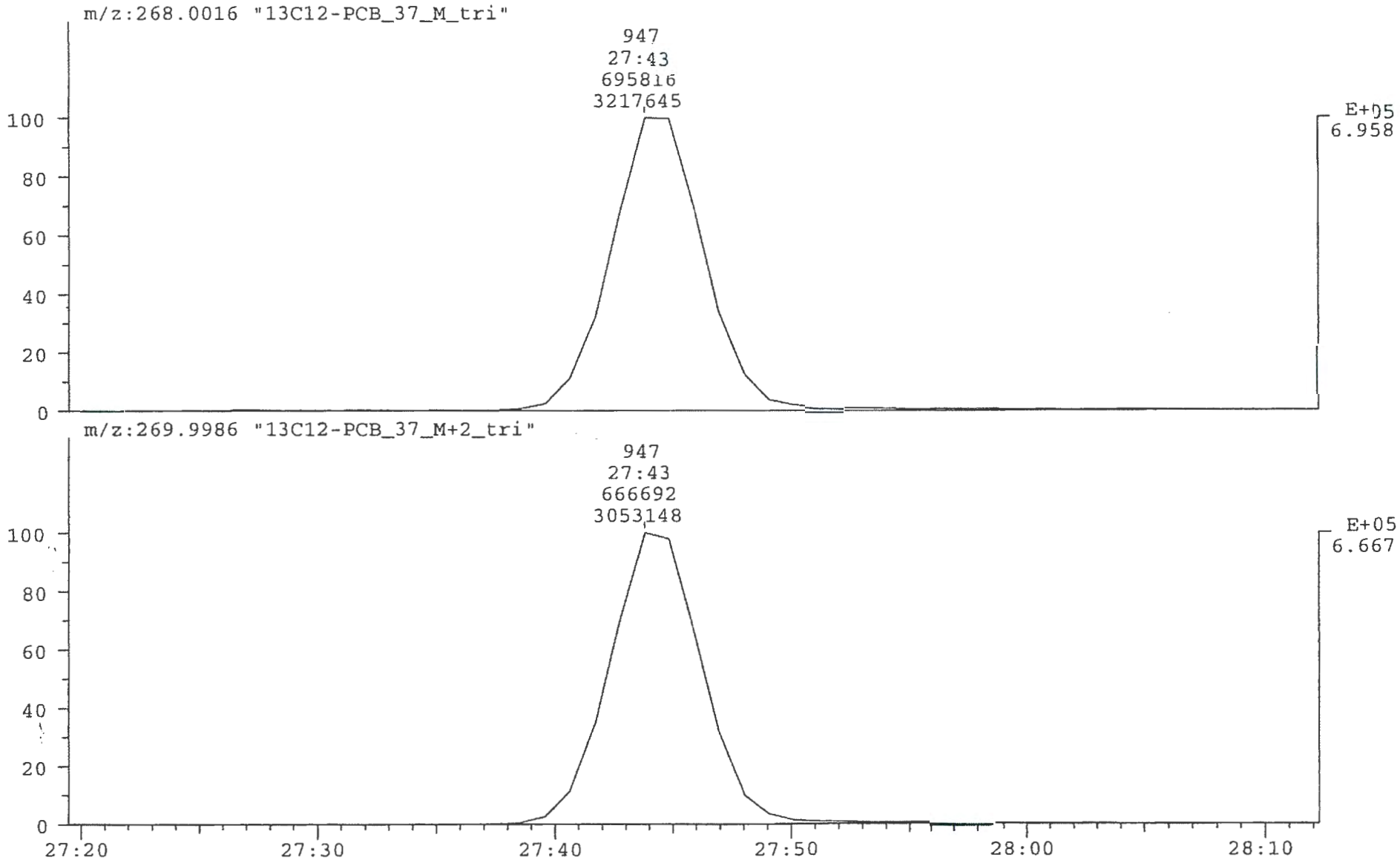
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  19:18.1      472
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   352 > 612             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



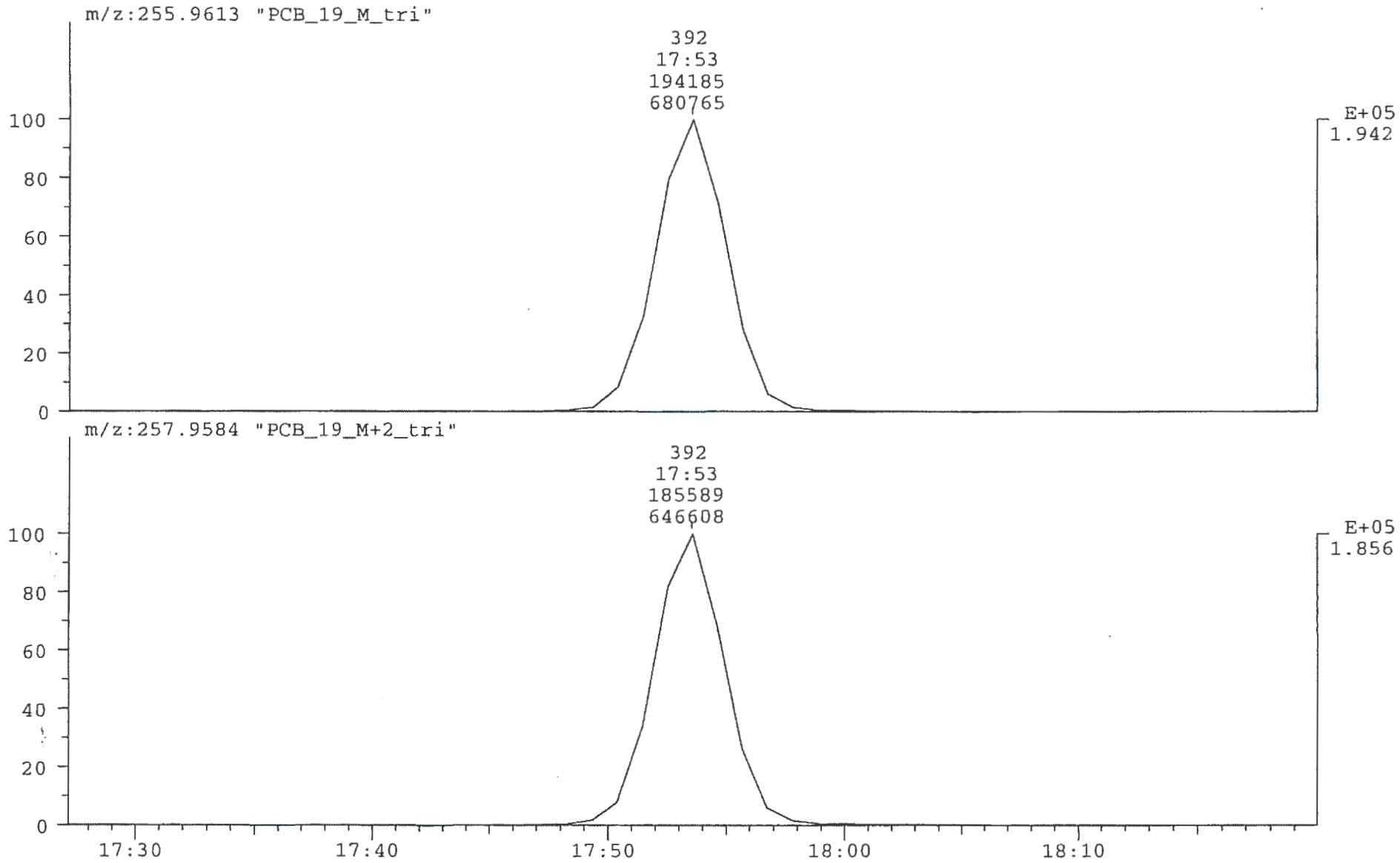
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  23:24.0      701
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   676 > 741             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



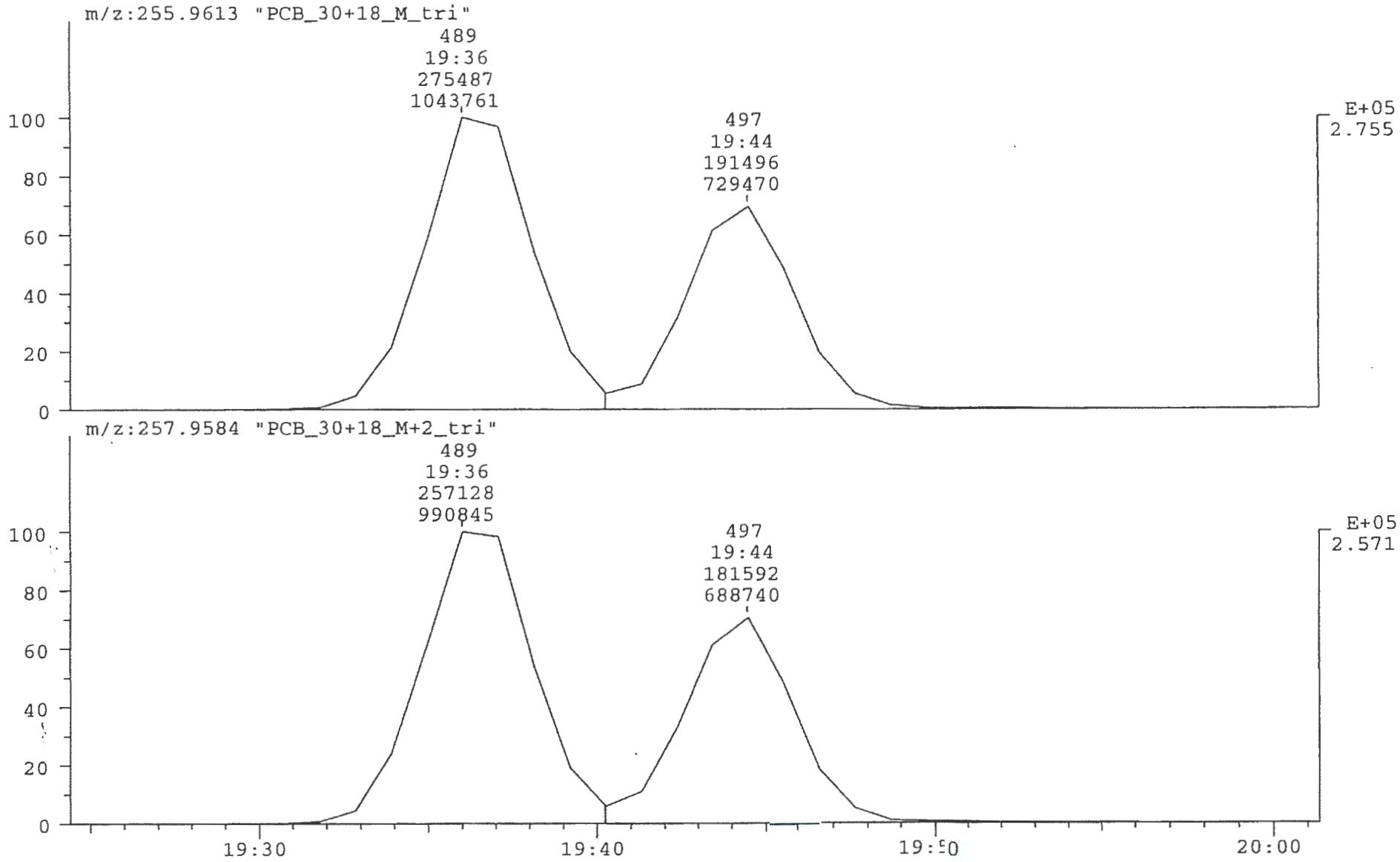
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  27:45.9      949
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   924 > 974             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



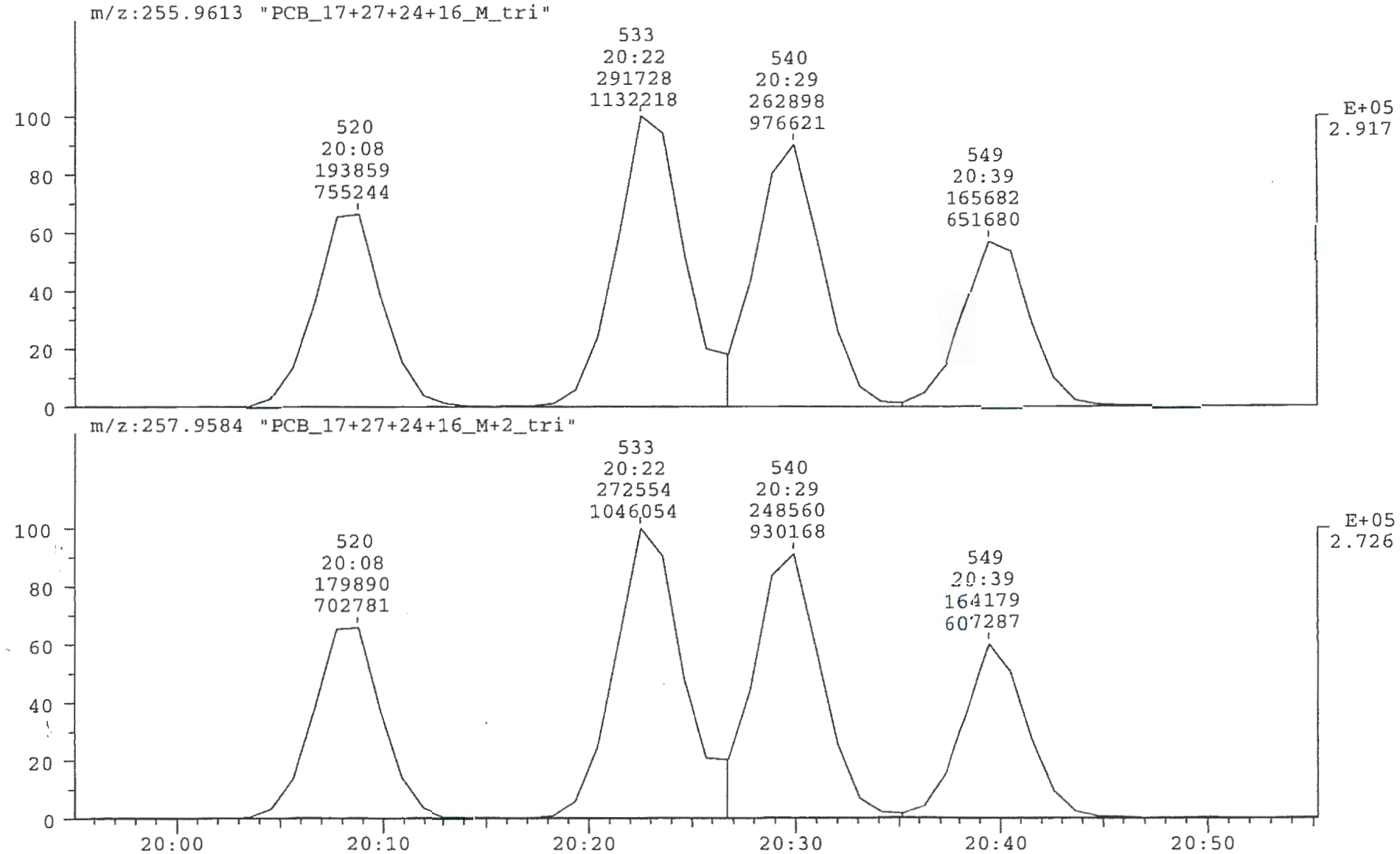
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  17:53.5      392
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   367 > 417             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



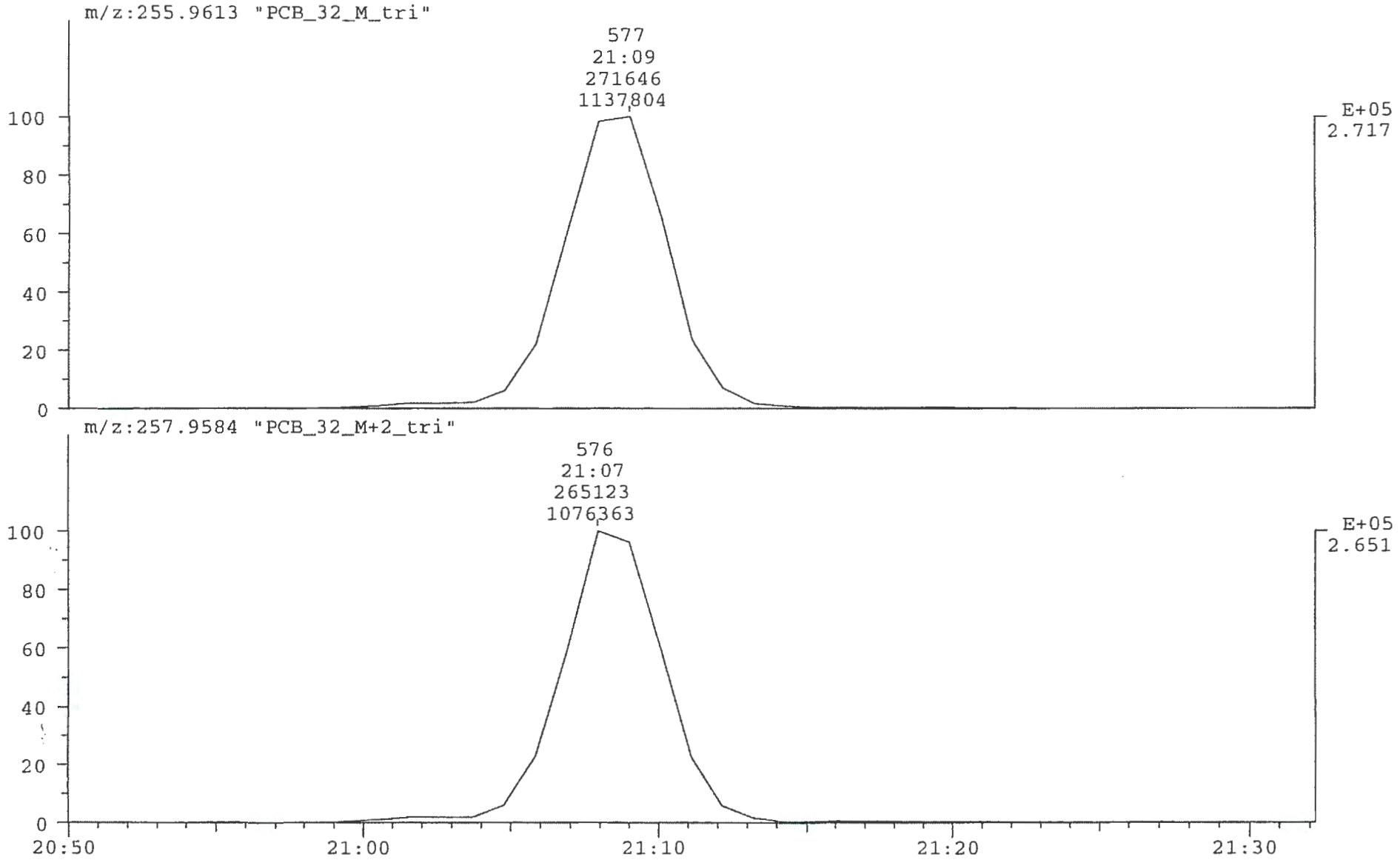
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   478 > 513             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



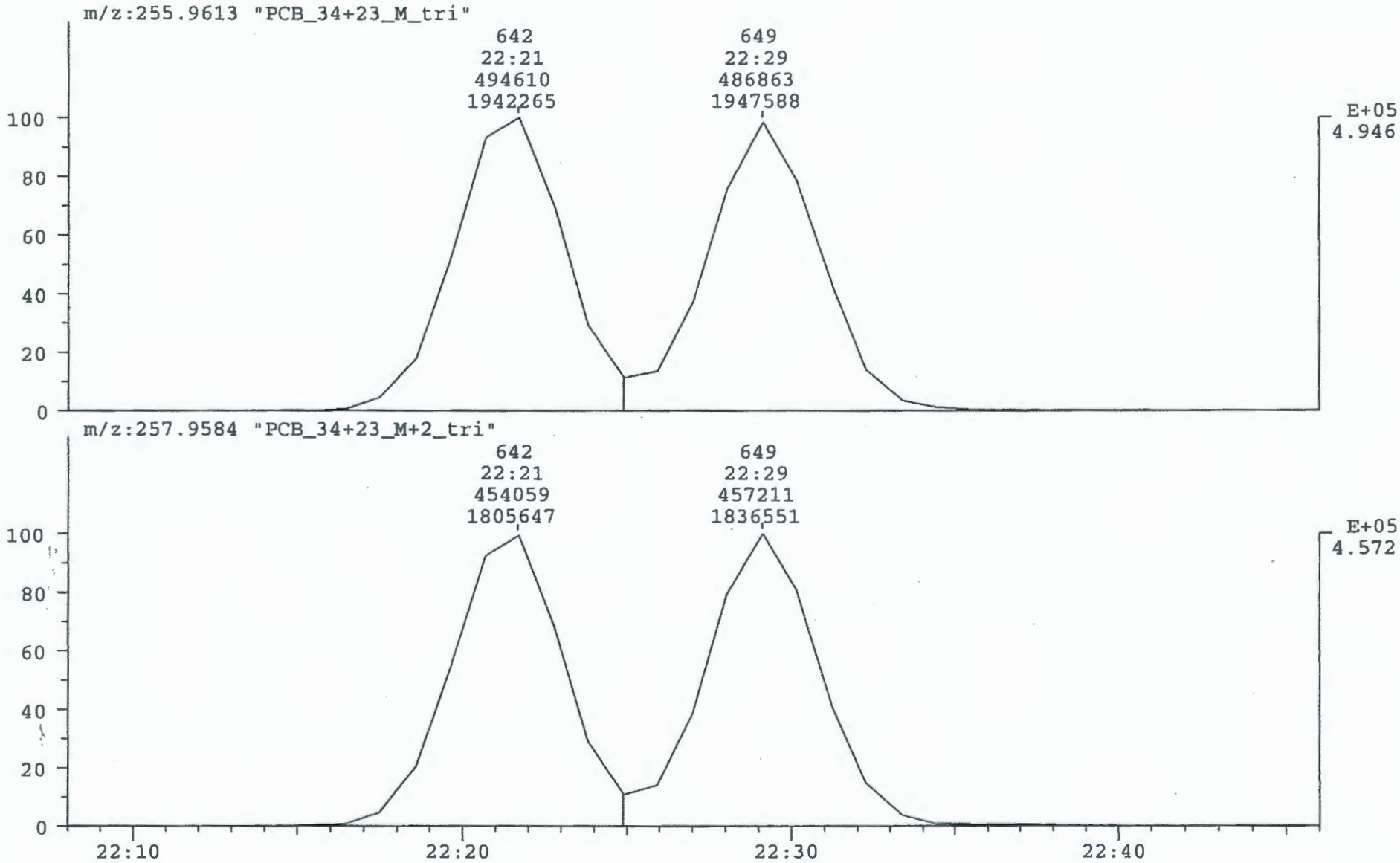
CHRO: a070313i3 13-Mar-07 Elapse: 20:26.7 537
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 507 > 564 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



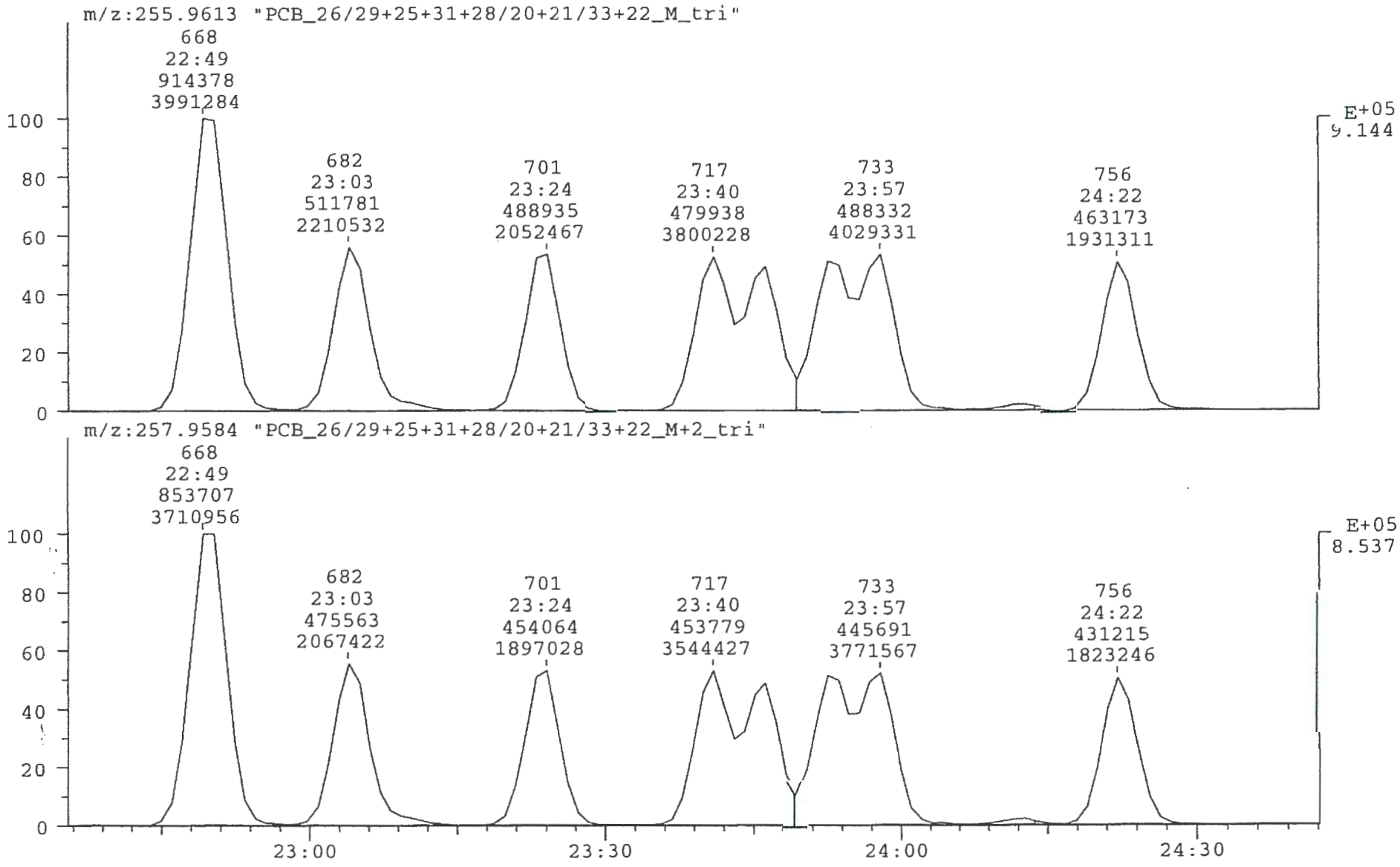
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  21:11.1      579
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   559 > 599             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



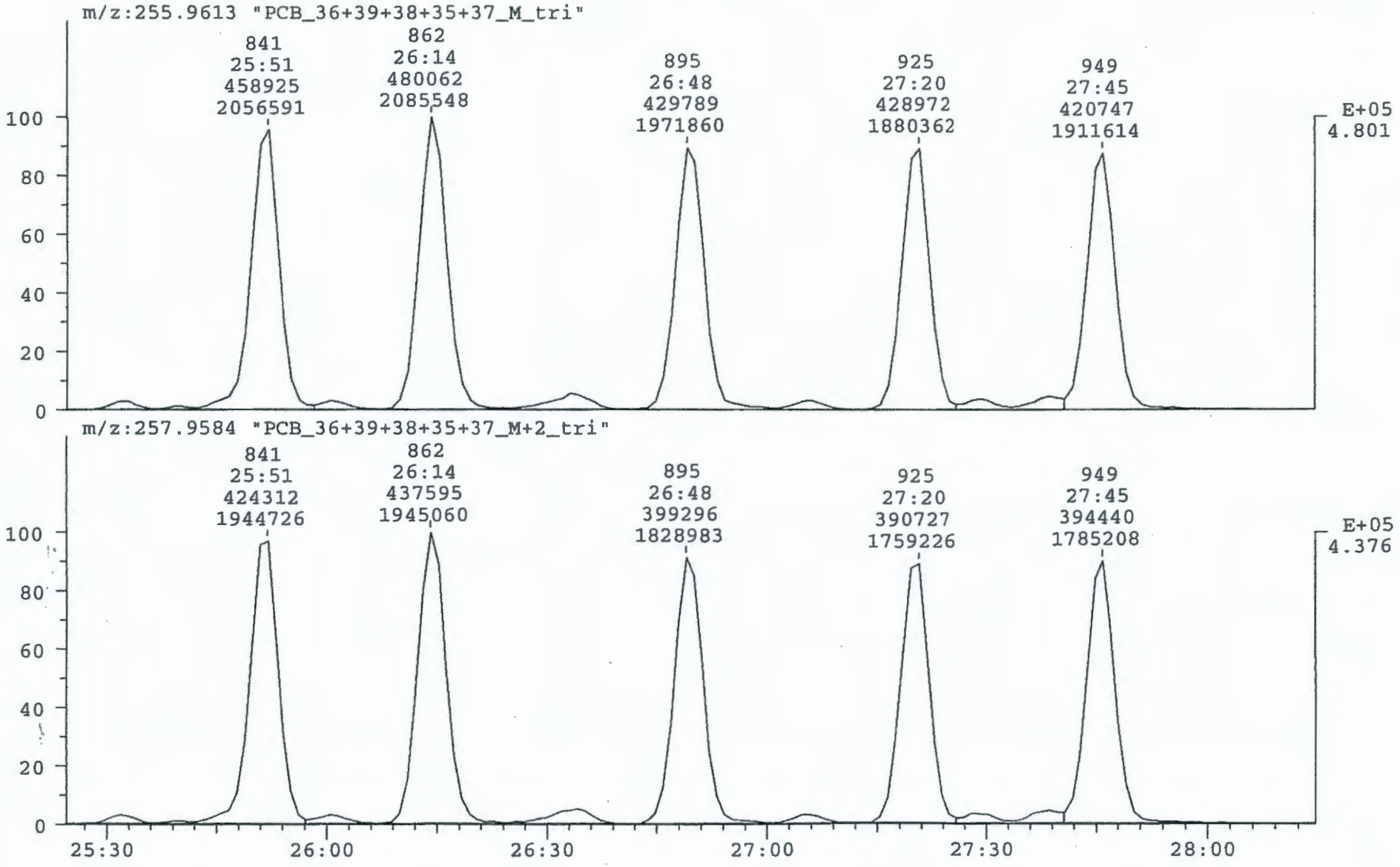
CHRO: a070313i3 13-Mar-07 Elapse: 22:23.8 644
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 629 > 665 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



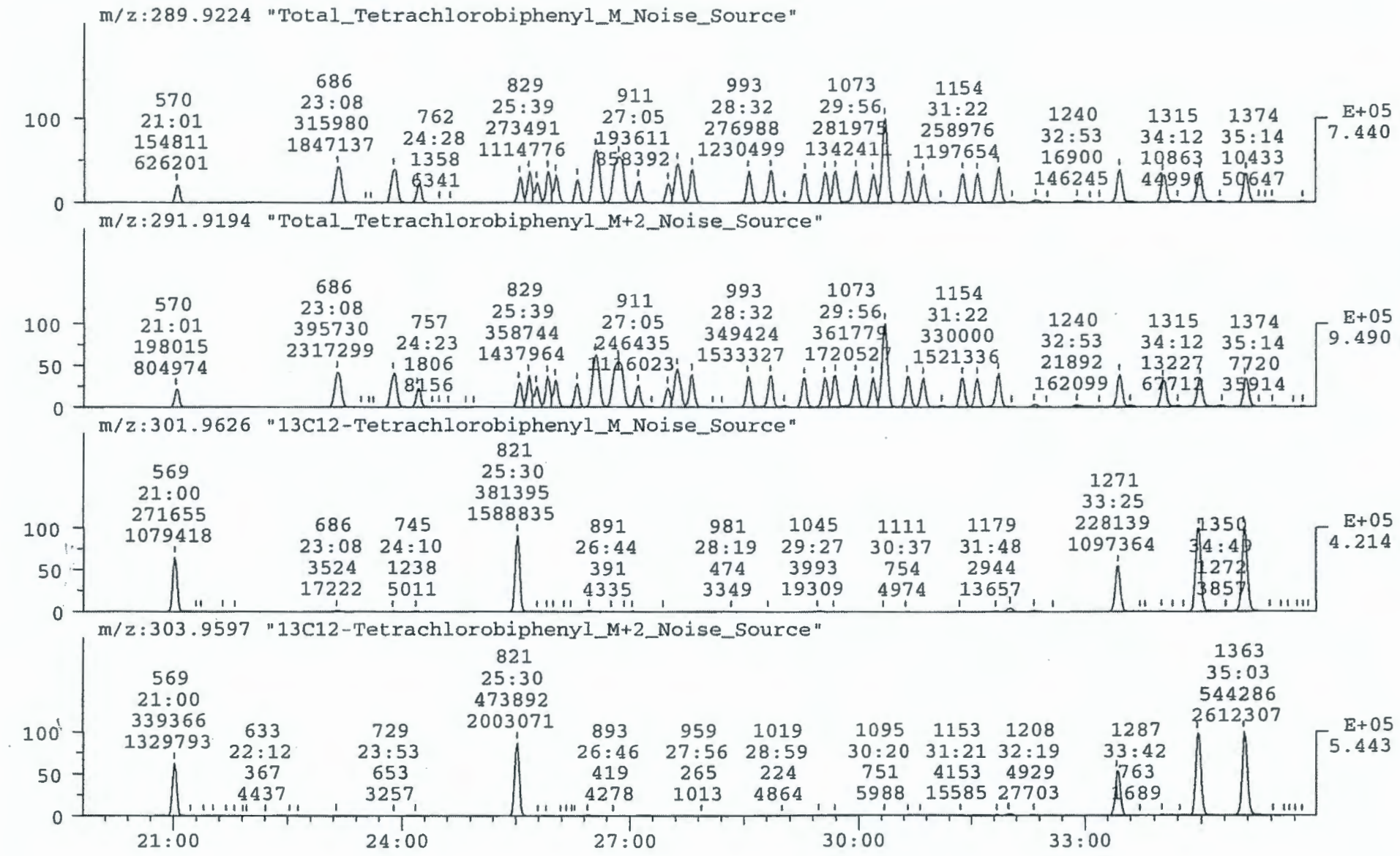
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  23:54.6      730
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   655 > 775             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 8                Label :  -3, 3.0
Disp:  Height  Area
```



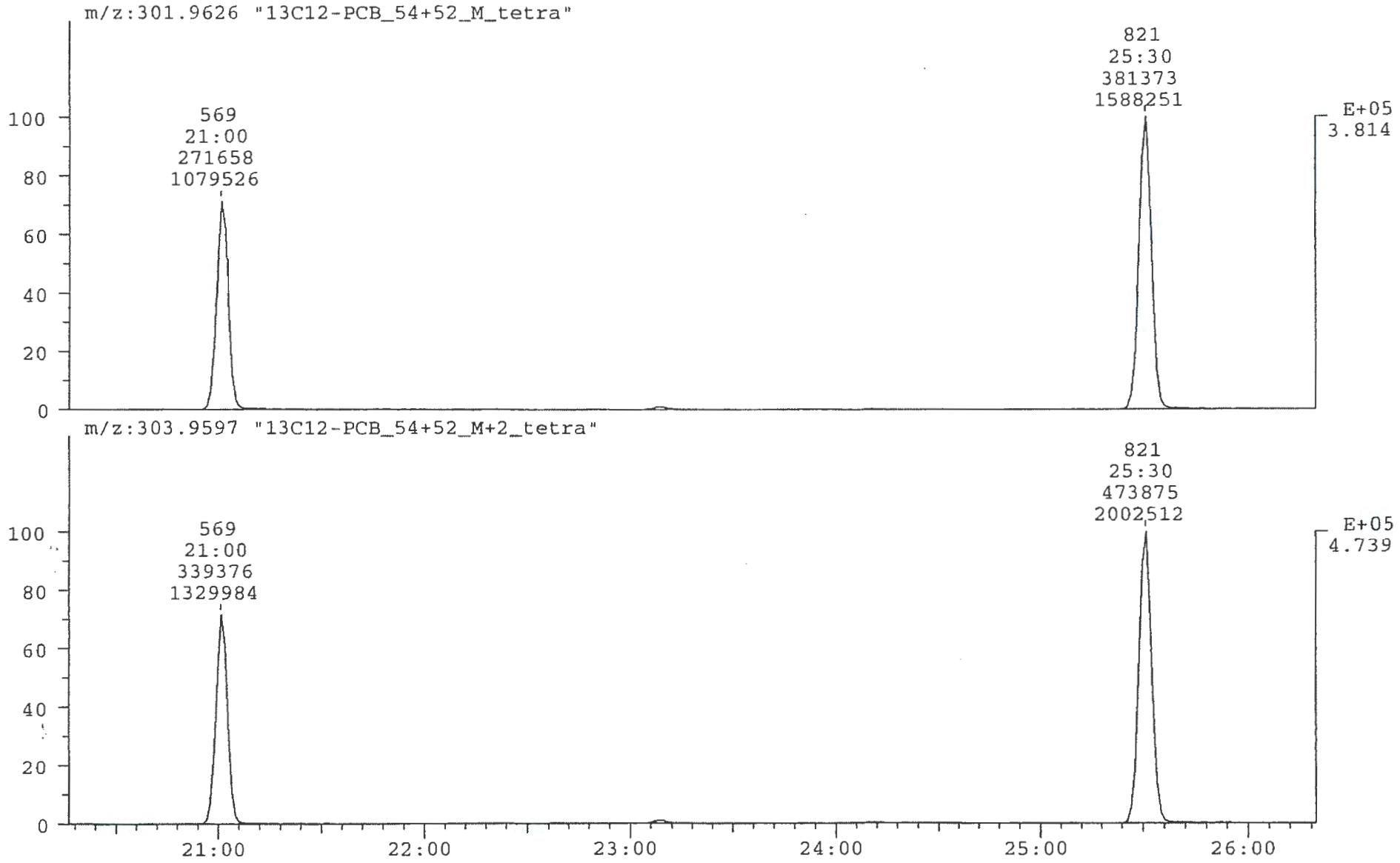
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  26:54.1      900
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   815 > 976             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



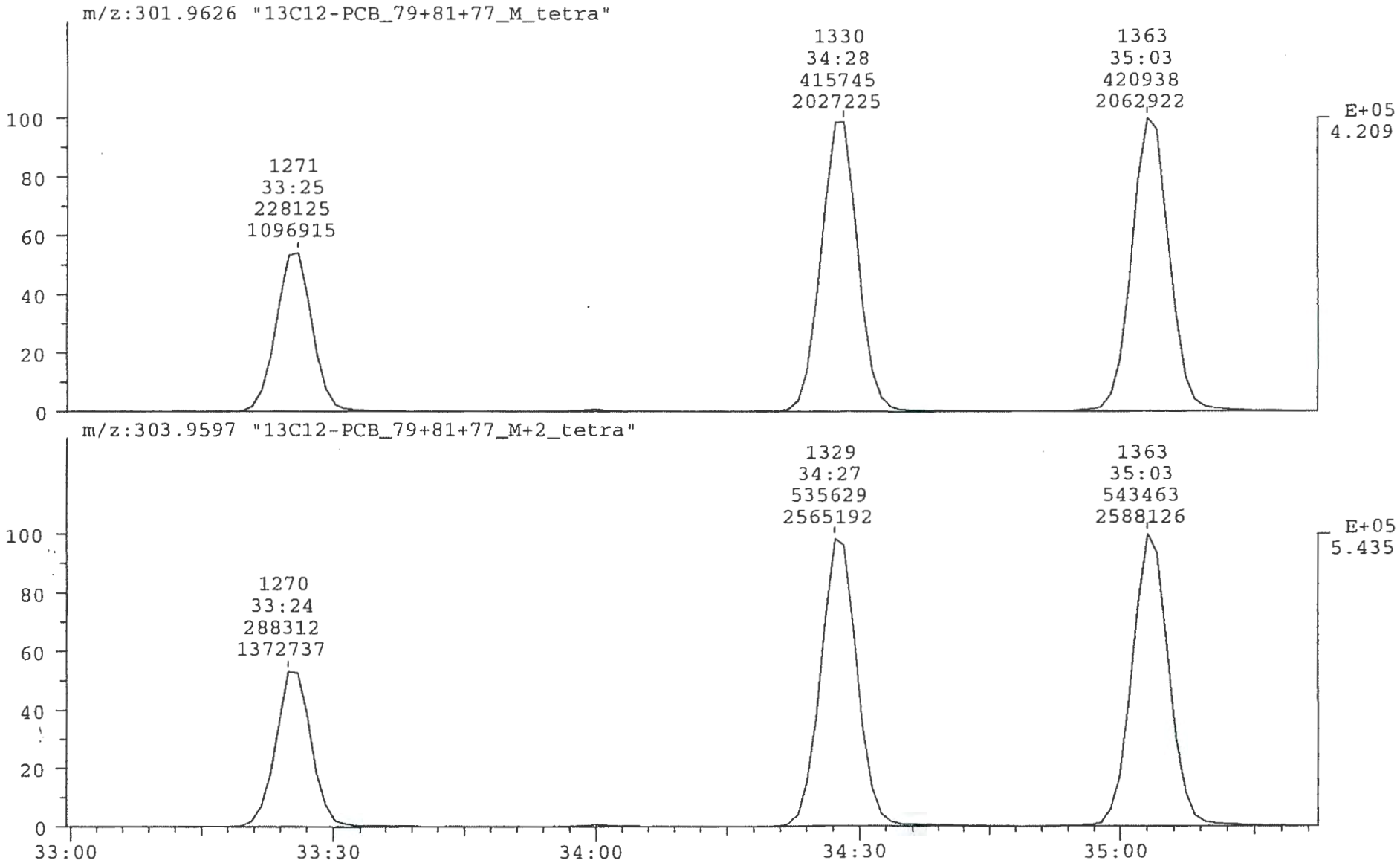
CHRO: a070313i3 13-Mar-07 Elapse: 27:53.2 956
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 500 > 1416 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



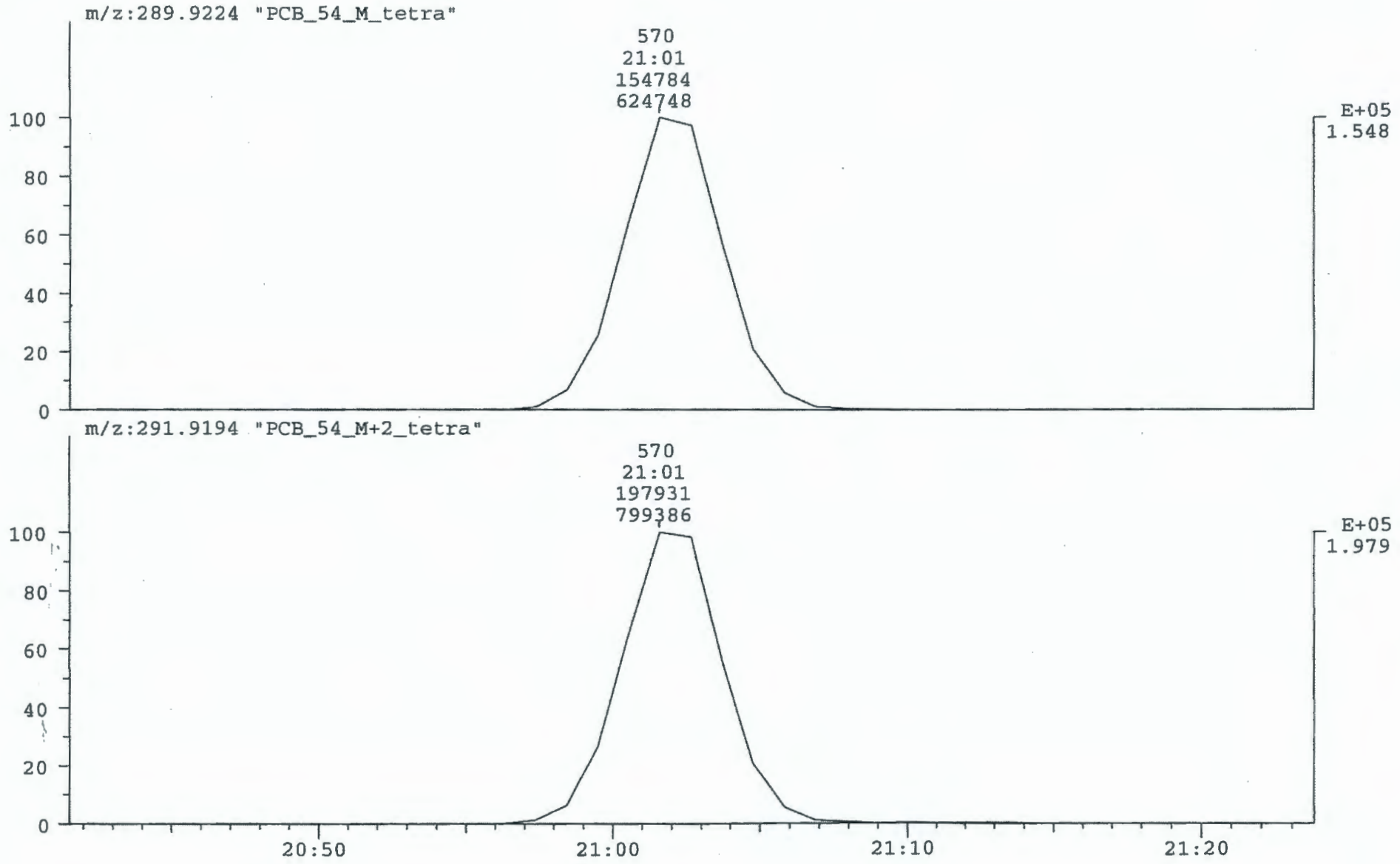
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  23:19.8      697
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   527 > 867             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



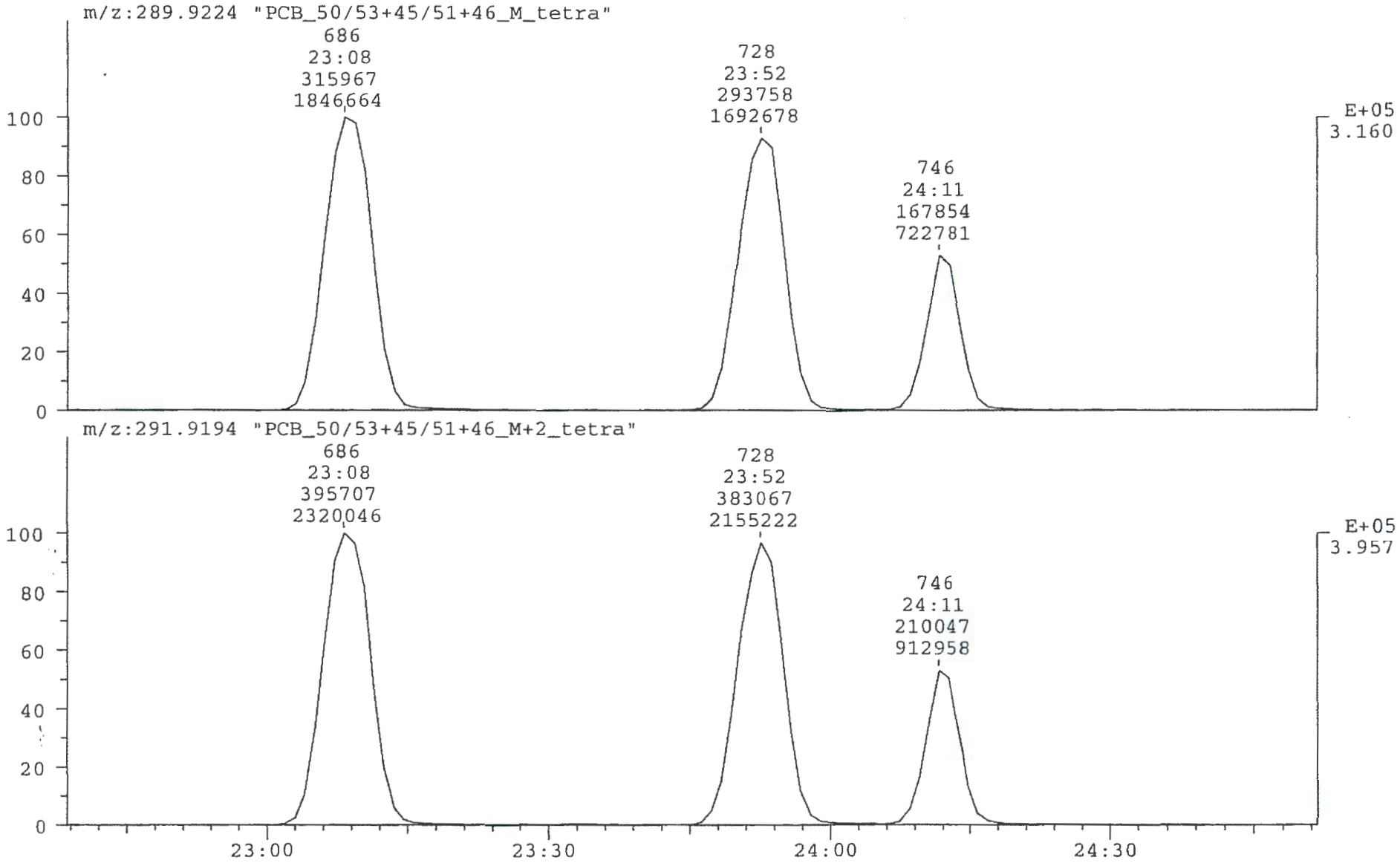
```
CHRO:  a070313i3                                13-Mar-07  Elapse:  34:13      1316
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG          Client:  STL Knoxville                 Inlet :  GC     Vial   6
Peak:  100.00  ppm     Label wndw:   1246 > 1381           Masses:  181 > 510
Area:  5, 0.50, 15     Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



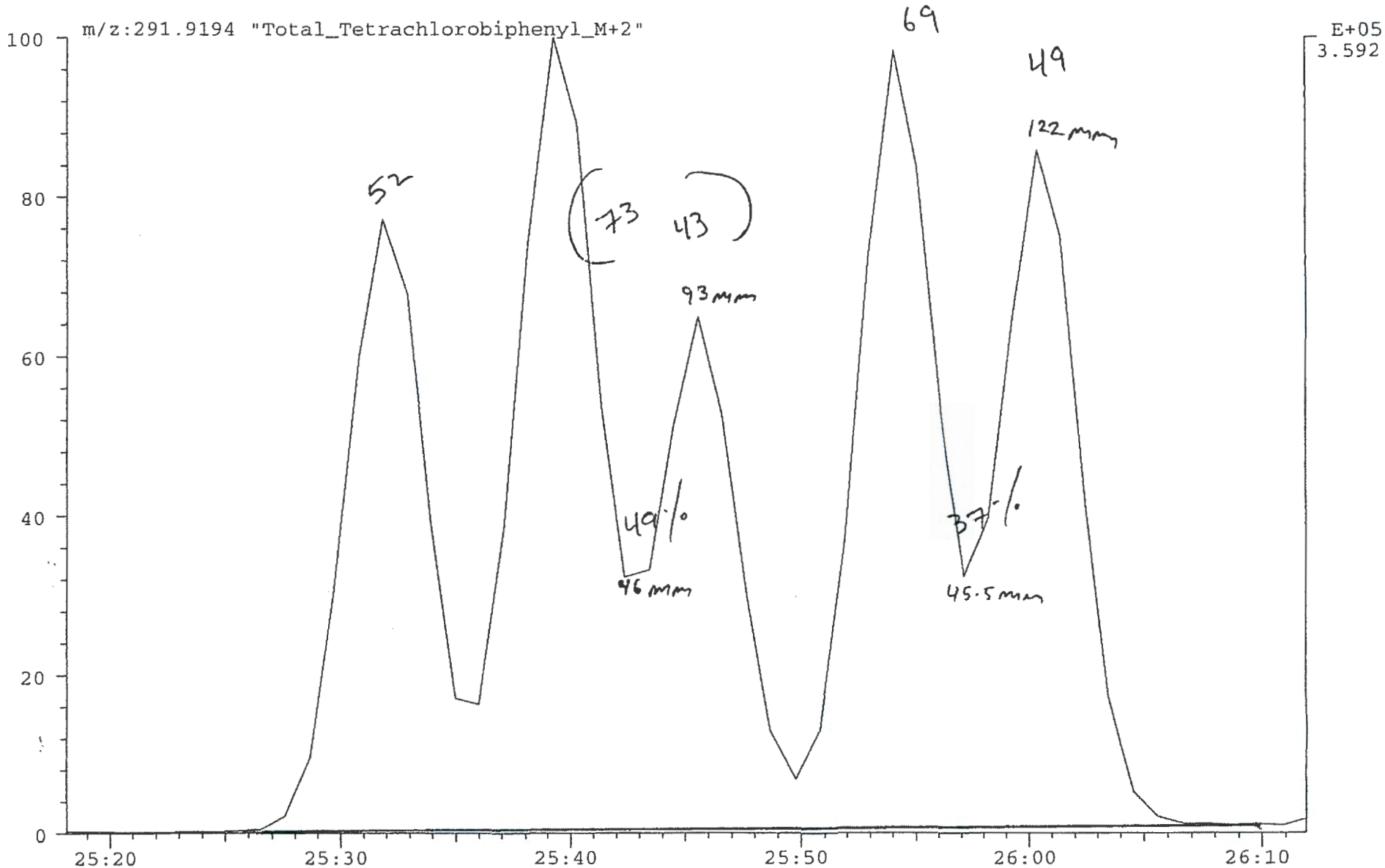
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  21:02.6      571
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   551 > 591             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  23:50.4      726
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:   658 > 784             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```

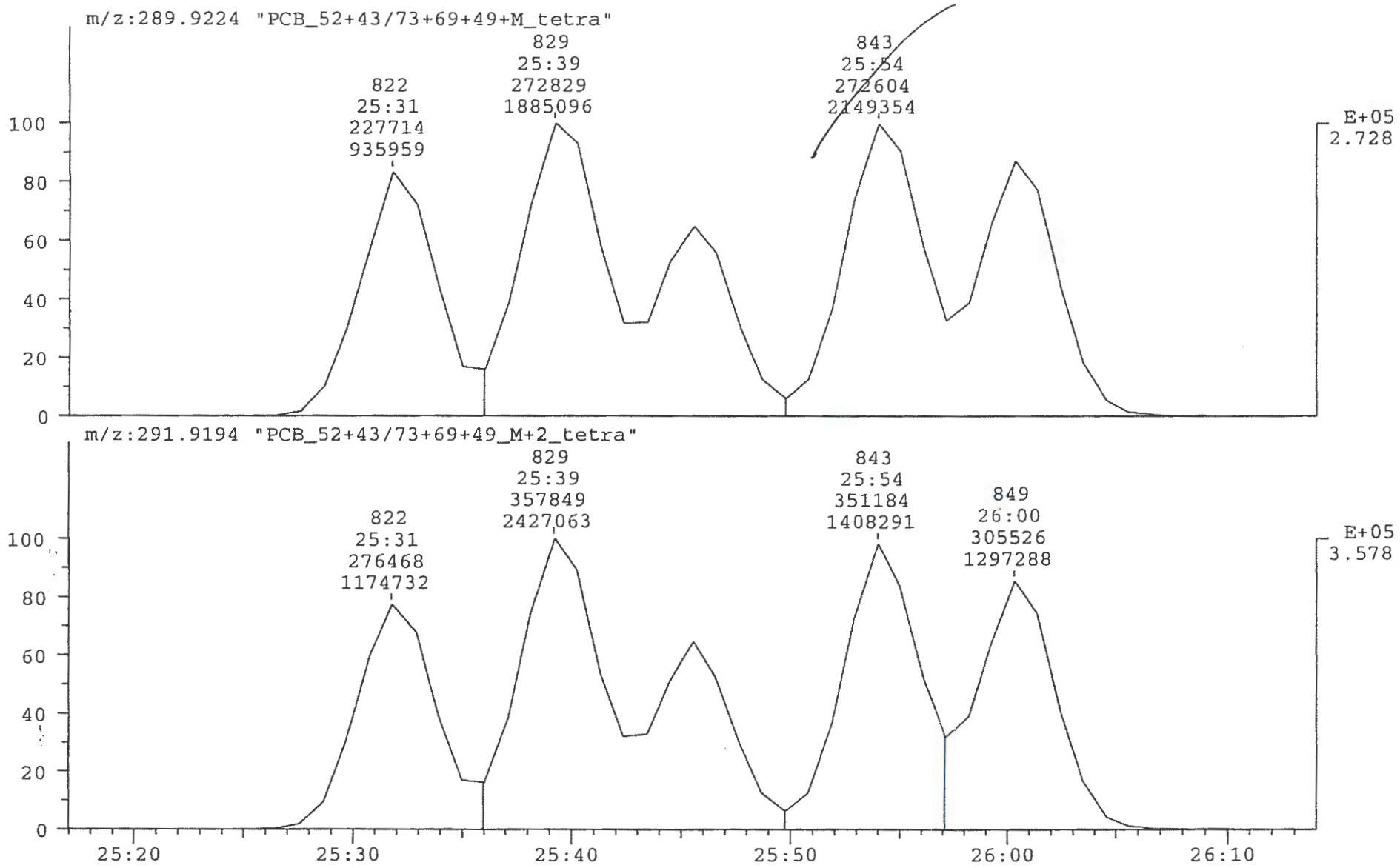


```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   809 > 860             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```

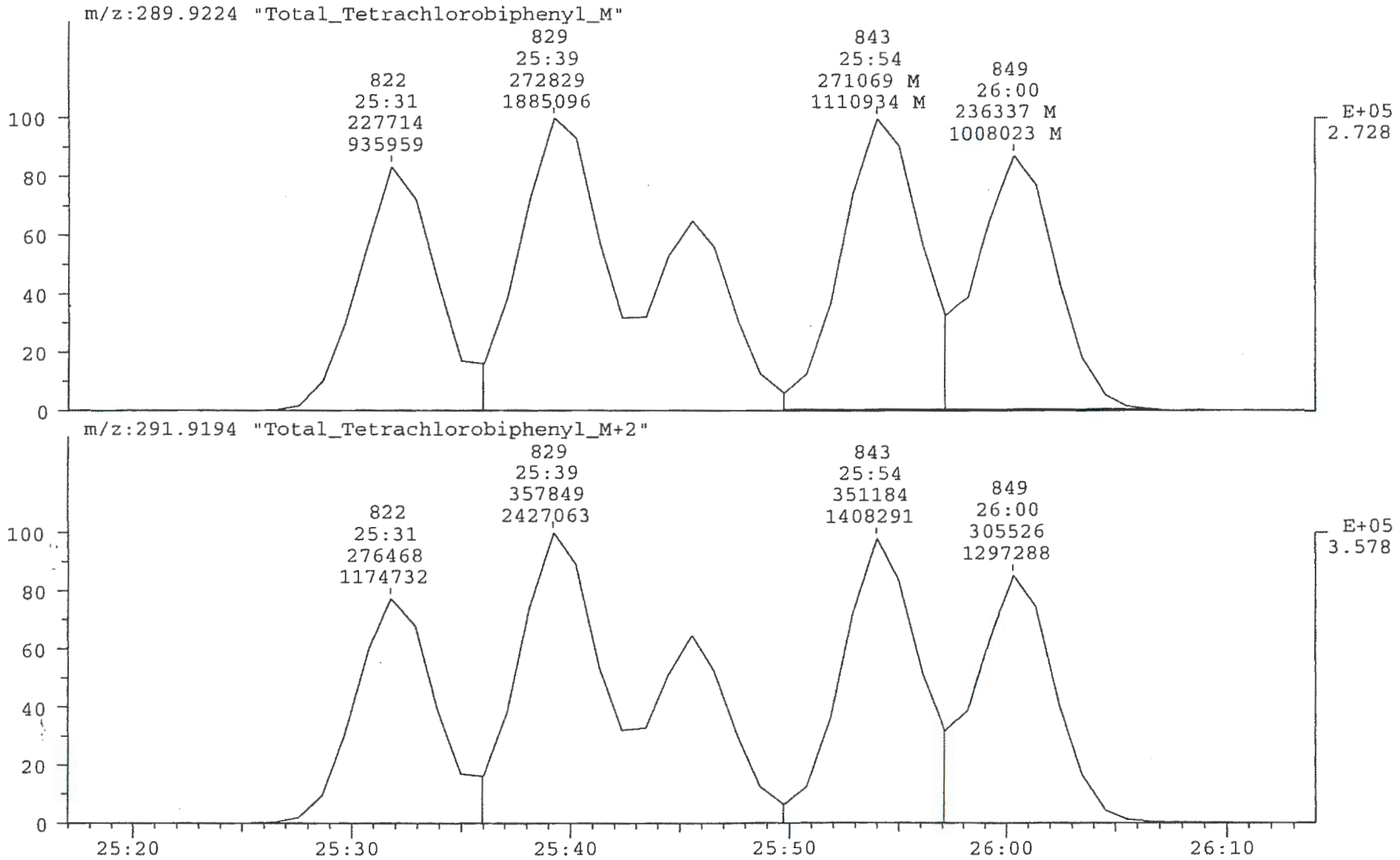


1467

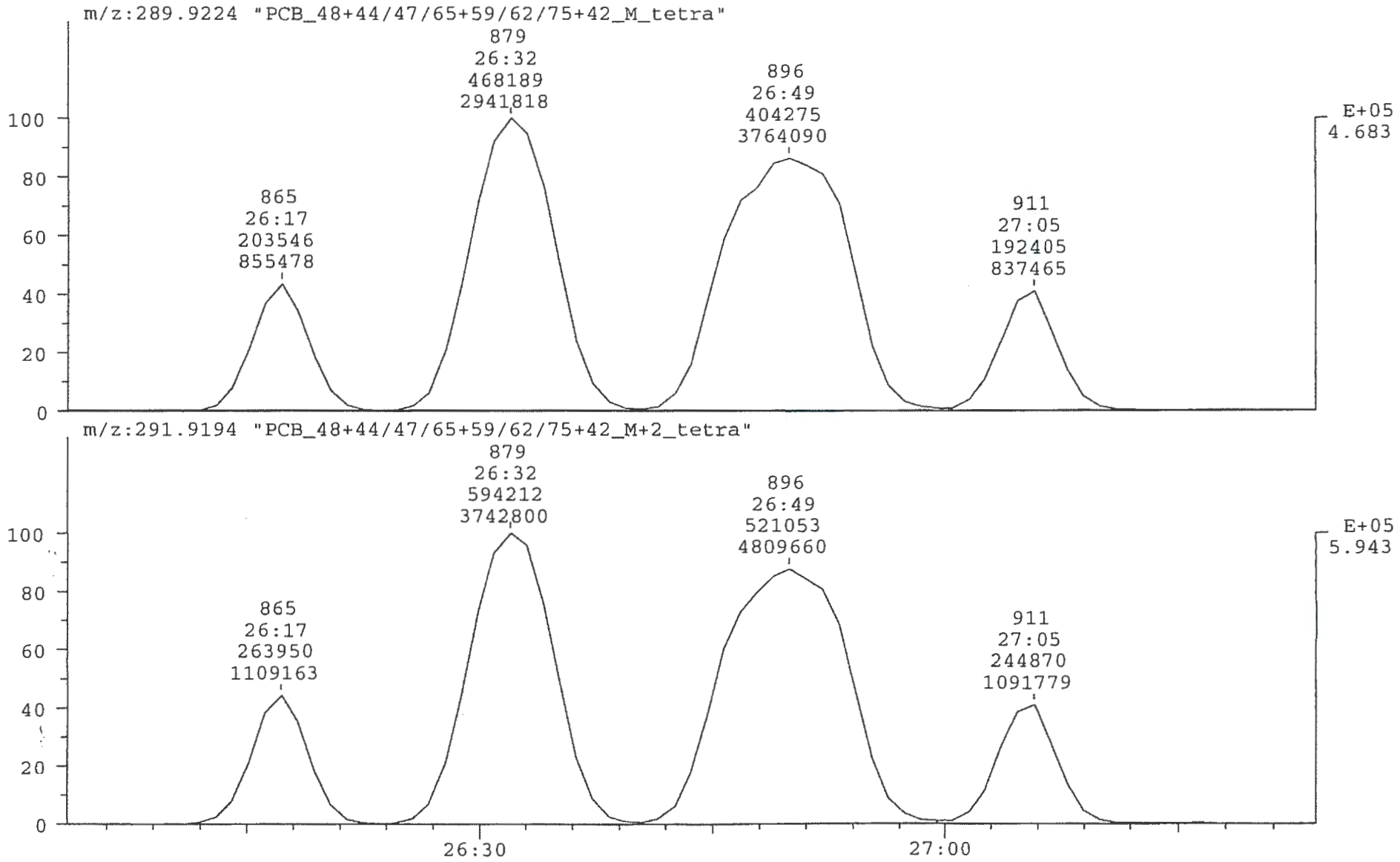
CHRO: a070313i3 13-Mar-07 Elapse: 23:18.7 696
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 808 > 862 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 5 Label : -3, 3.0
Disp: Height Area



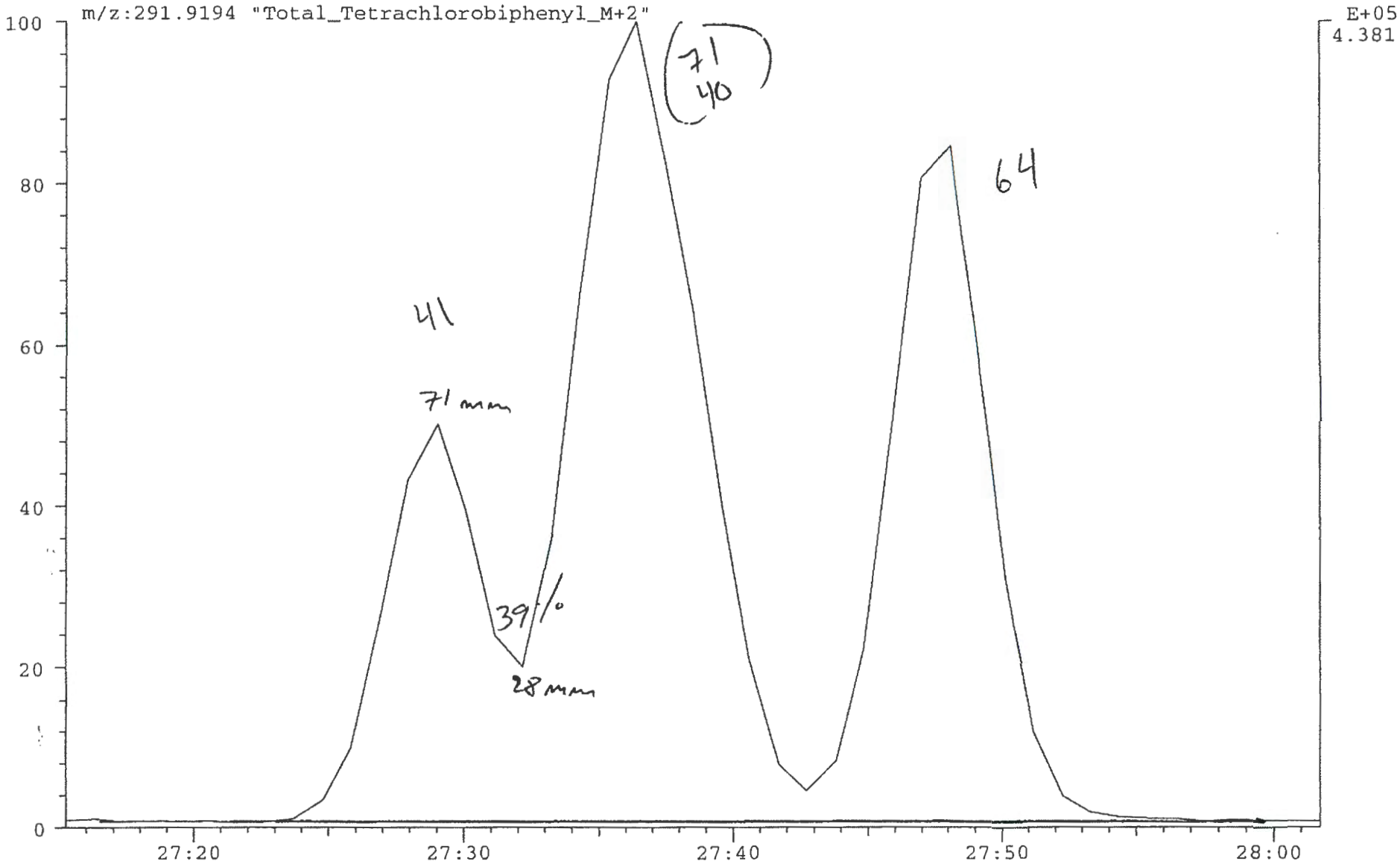
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   808 > 862             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 5                Label :  -3, 3.0
Disp:  Height  Area
```



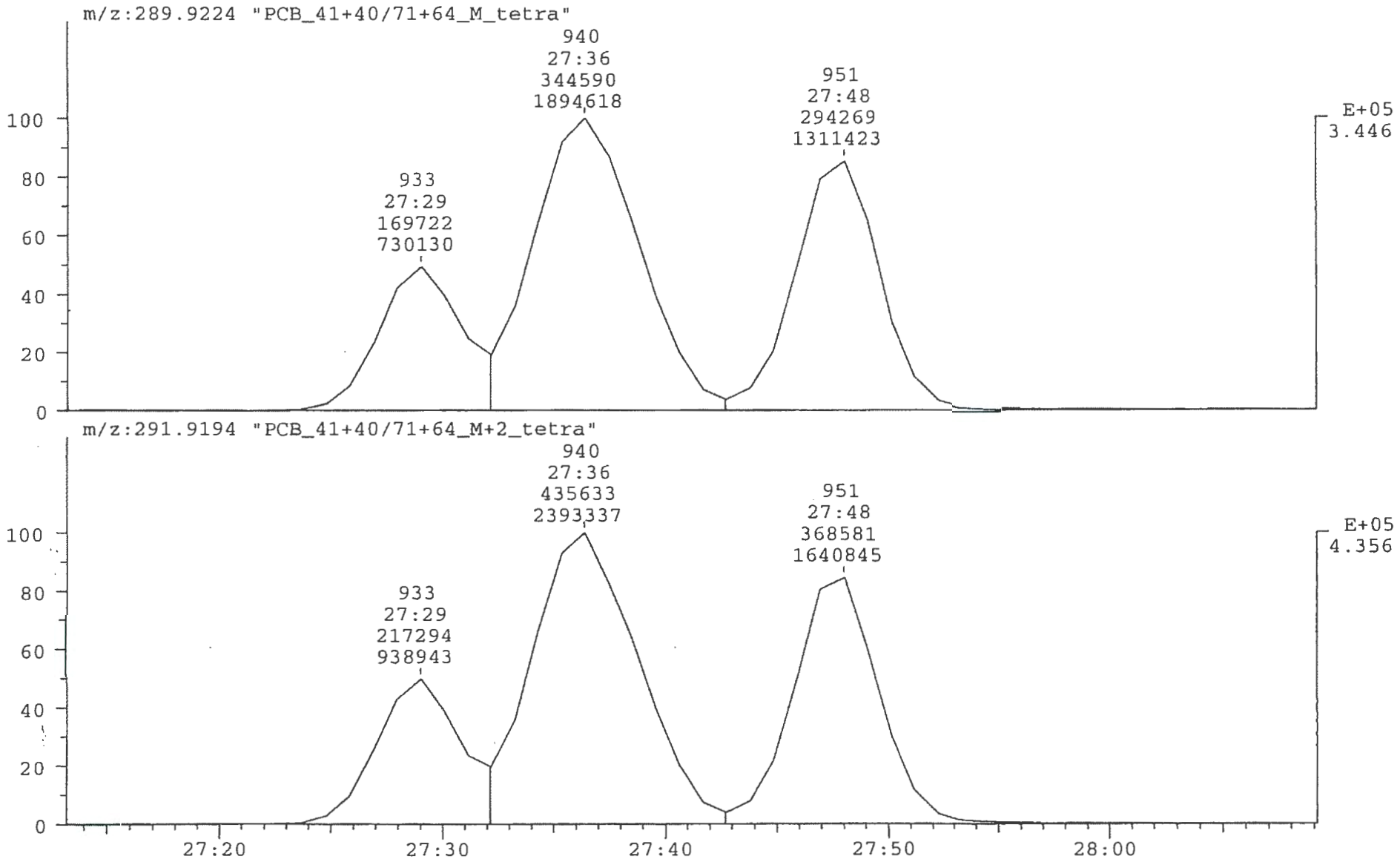
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  26:45.7      892
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   852 > 928             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



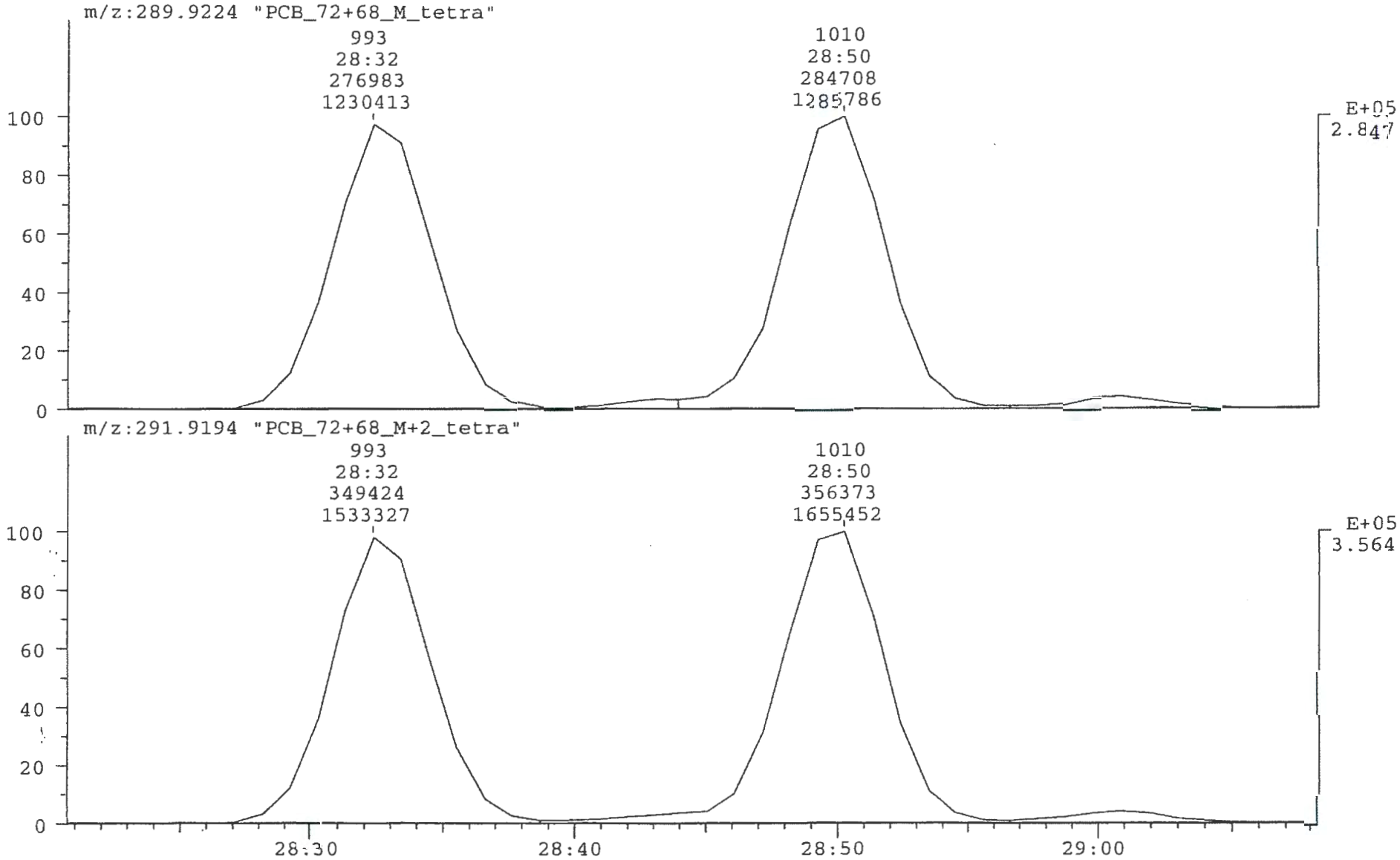
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  56:11      2556
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   920 > 964             Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  0, 0.0
Disp:  Height  Area
```



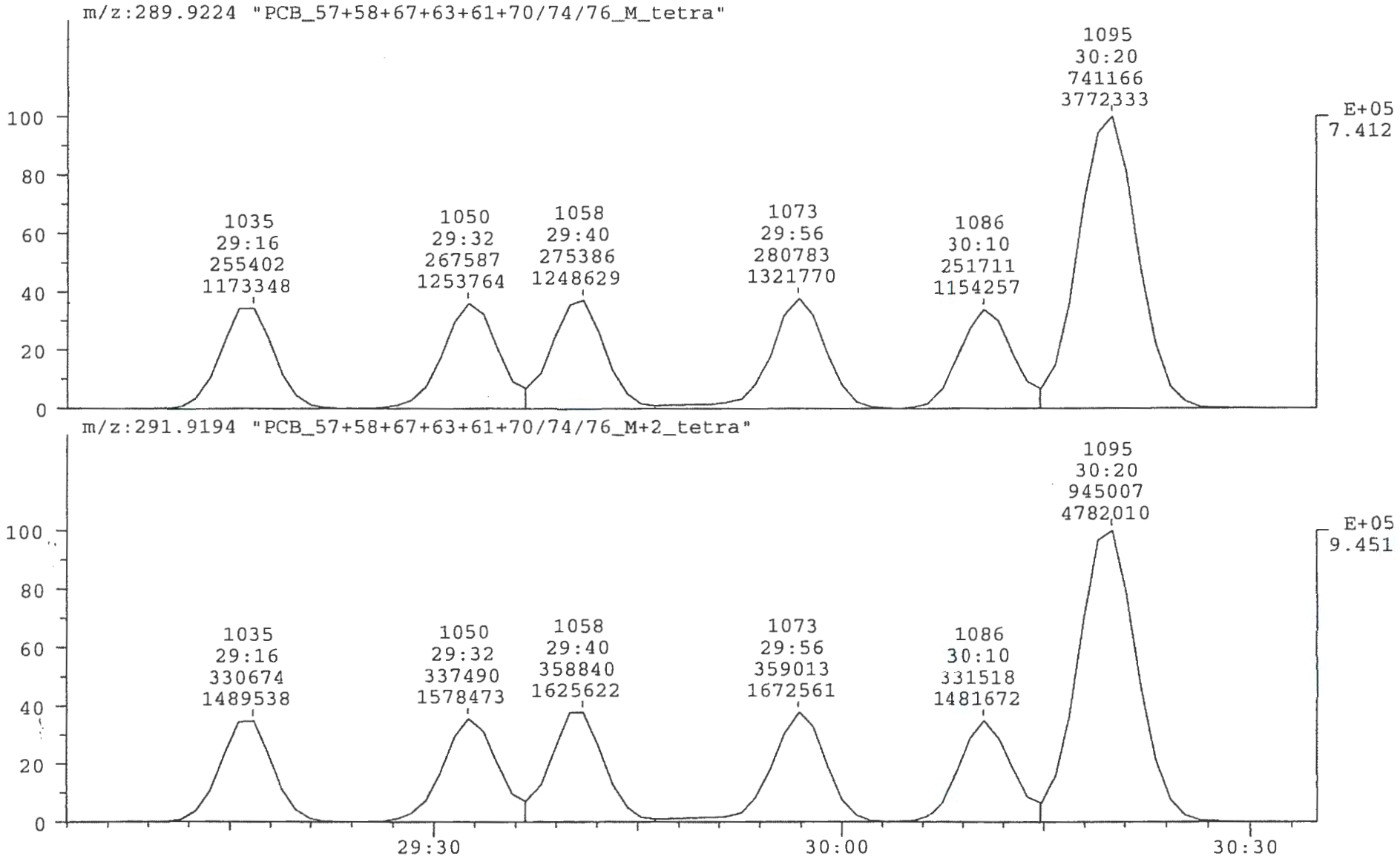
CHRO: a070313i3 13-Mar-07 Elapse: 27:46.9 950
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 918 > 971 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 2 Label : -3, 3.0
Disp: Height Area



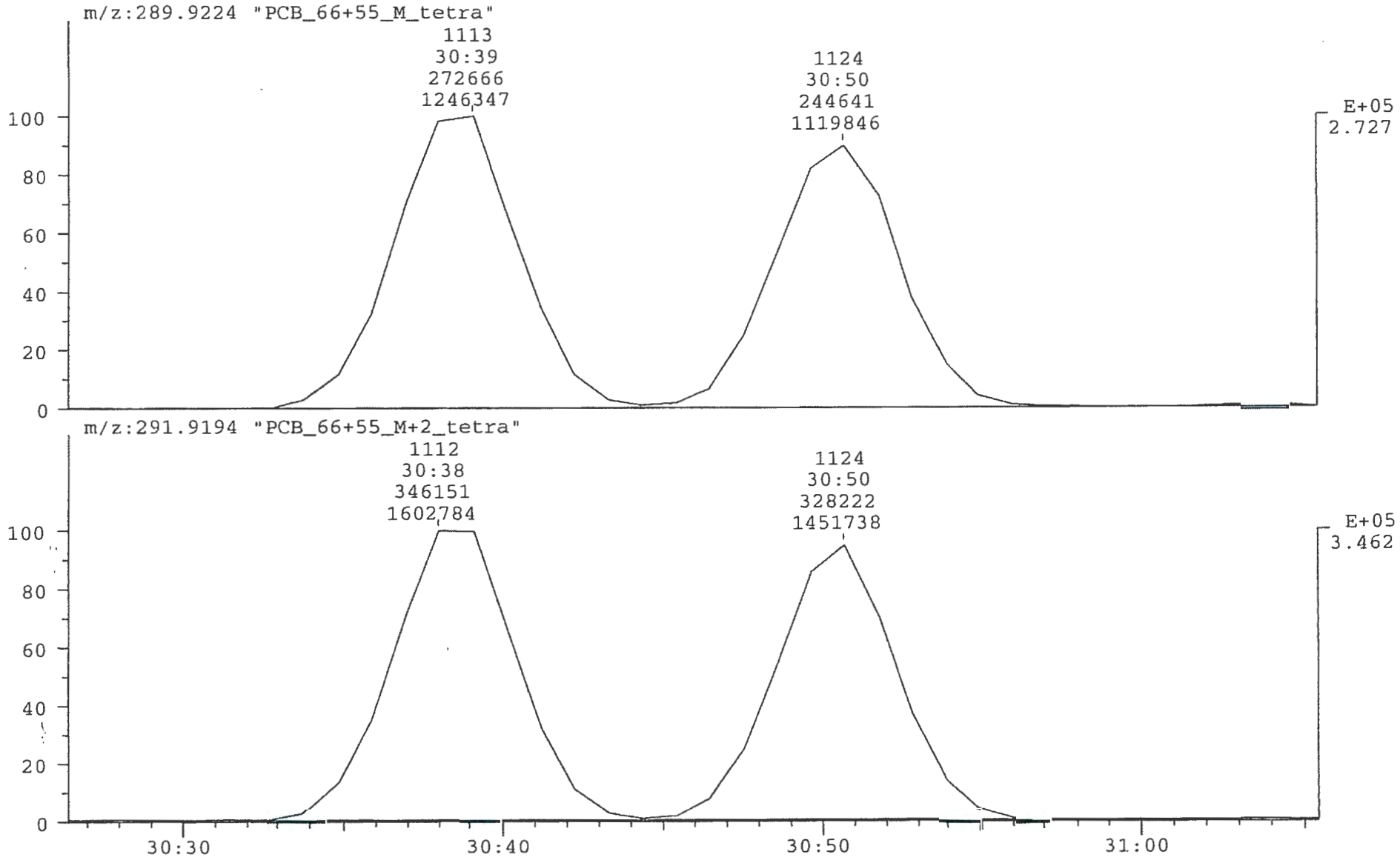
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  28:47      1007
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   982 > 1027            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



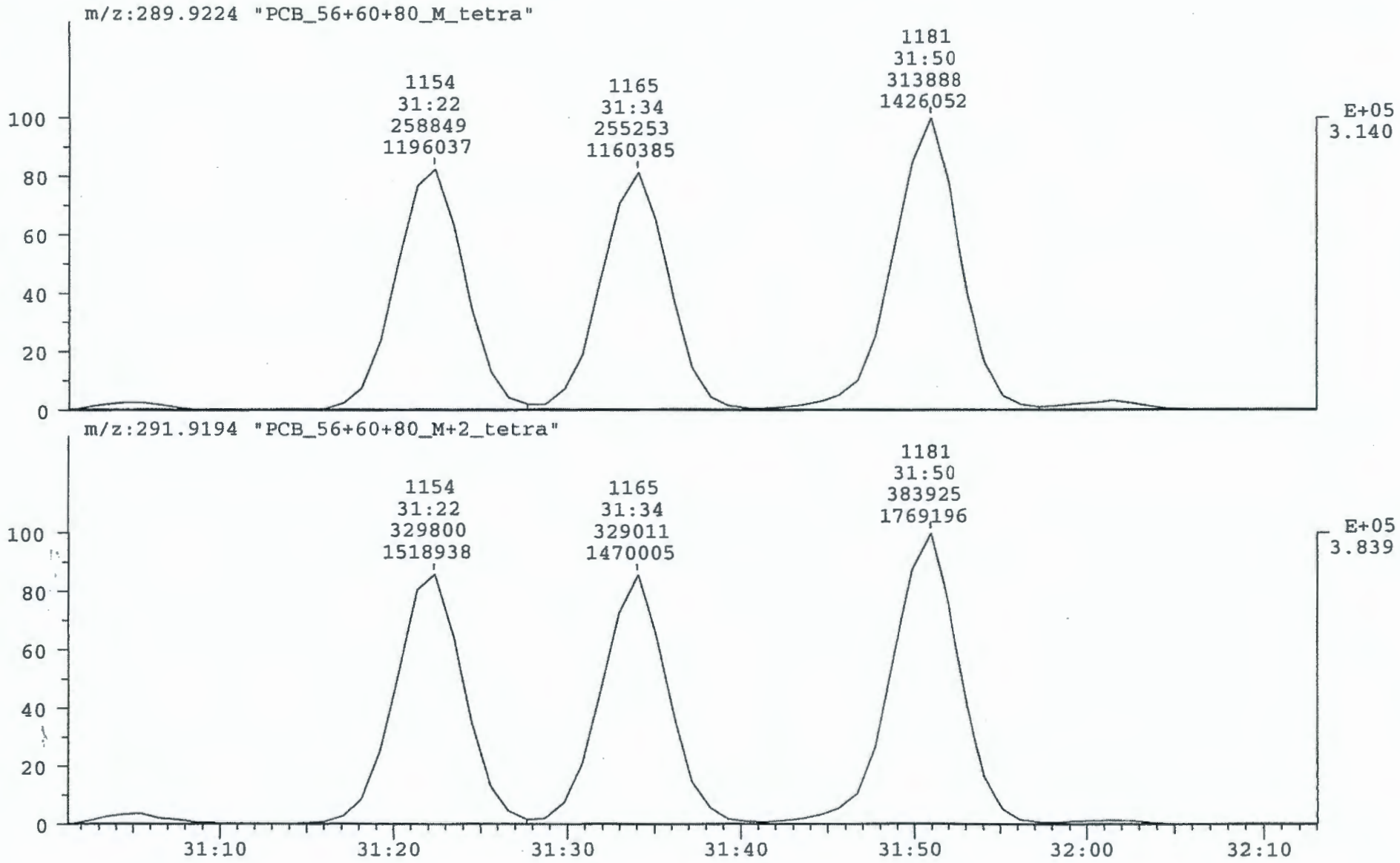
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  29:52      1069
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1022 > 1109           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



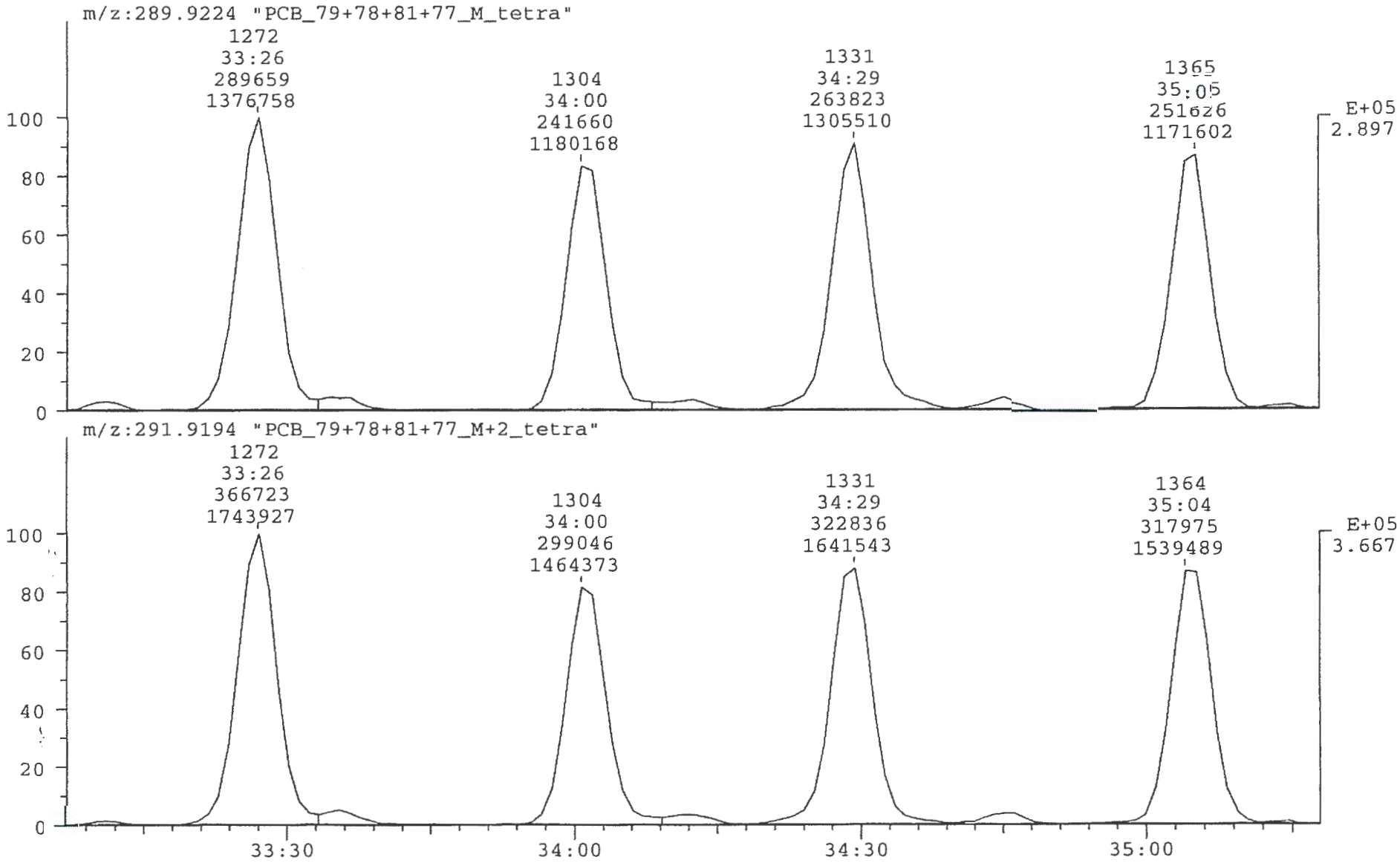
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  30:49      1123
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1101 > 1138           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                 Label :  -3, 3.0
Disp:  Height  Area
```



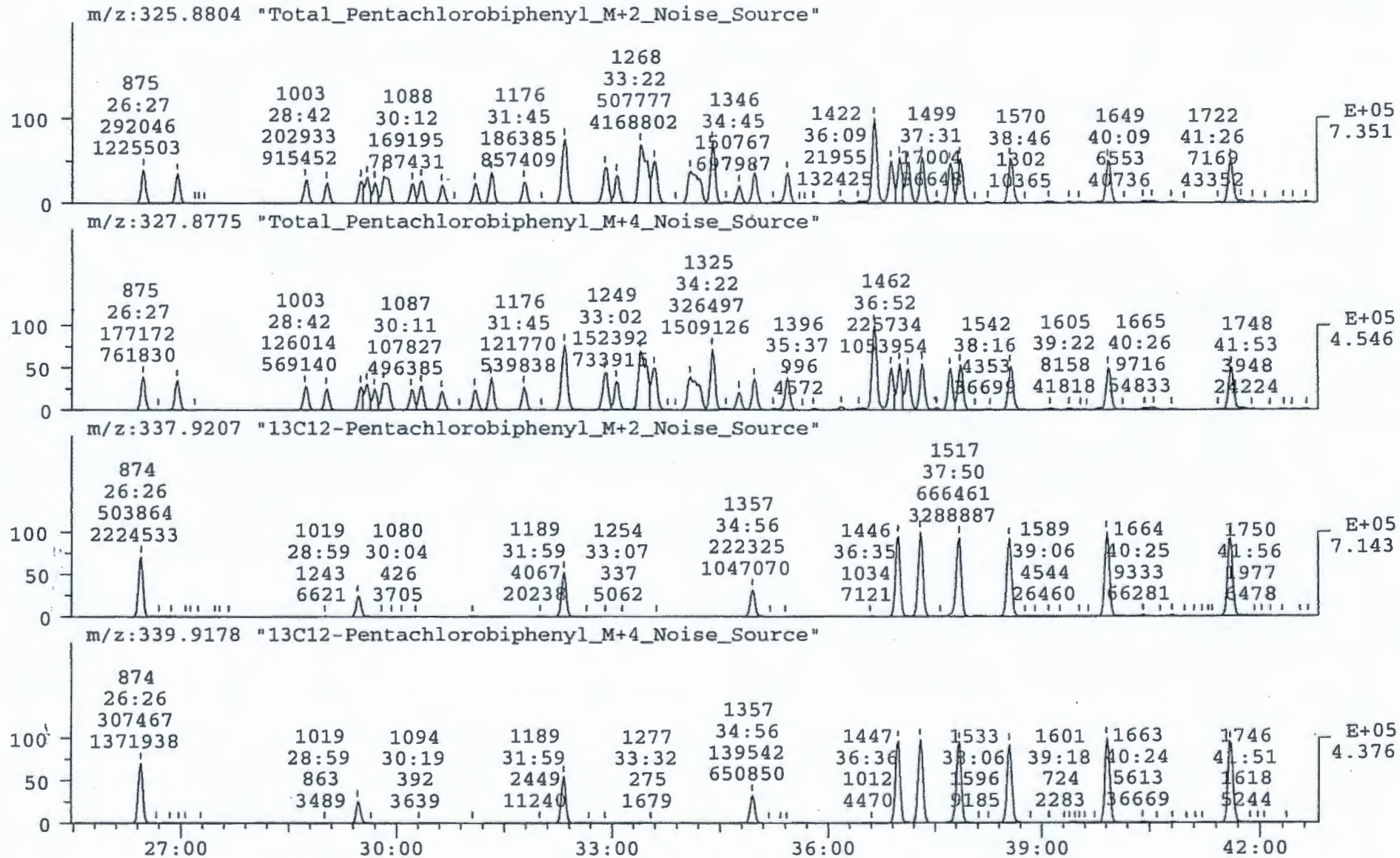
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  31:41      1172
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1134 > 1202           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



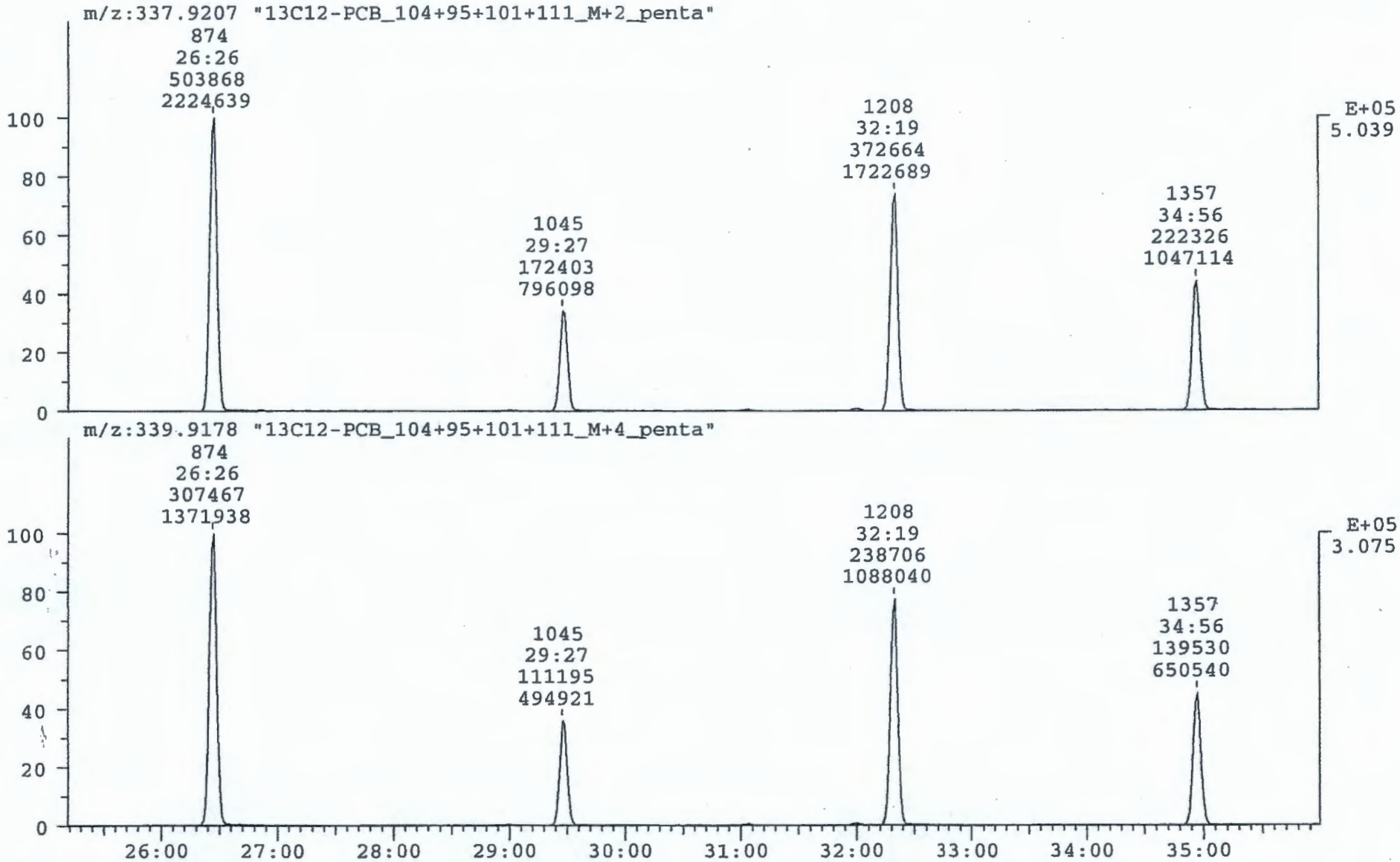
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  34:14      1317
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1253 > 1377           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



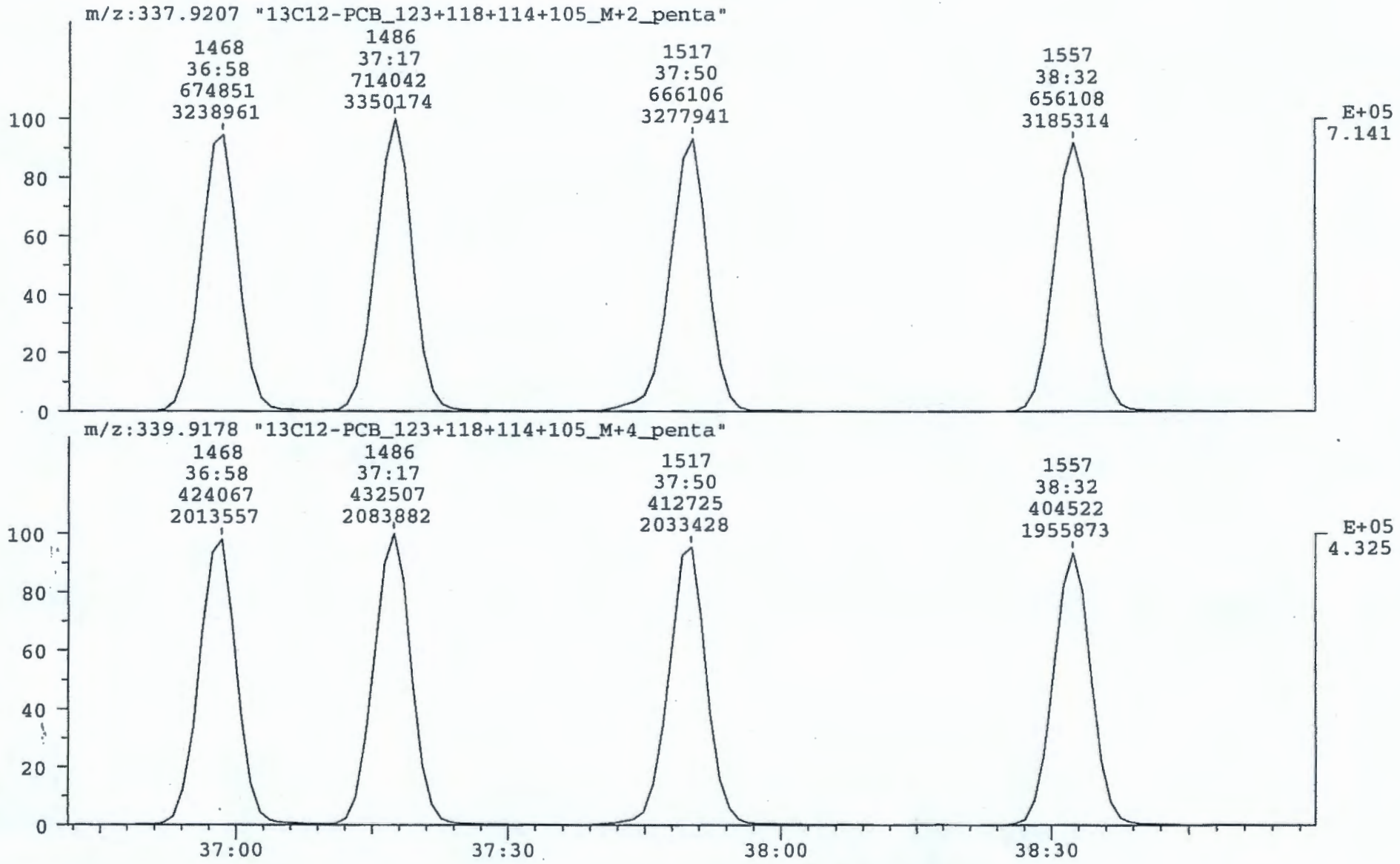
CHRO: a070313i3 13-Mar-07 Elapse: 34:08 1311
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 818 > 1799 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



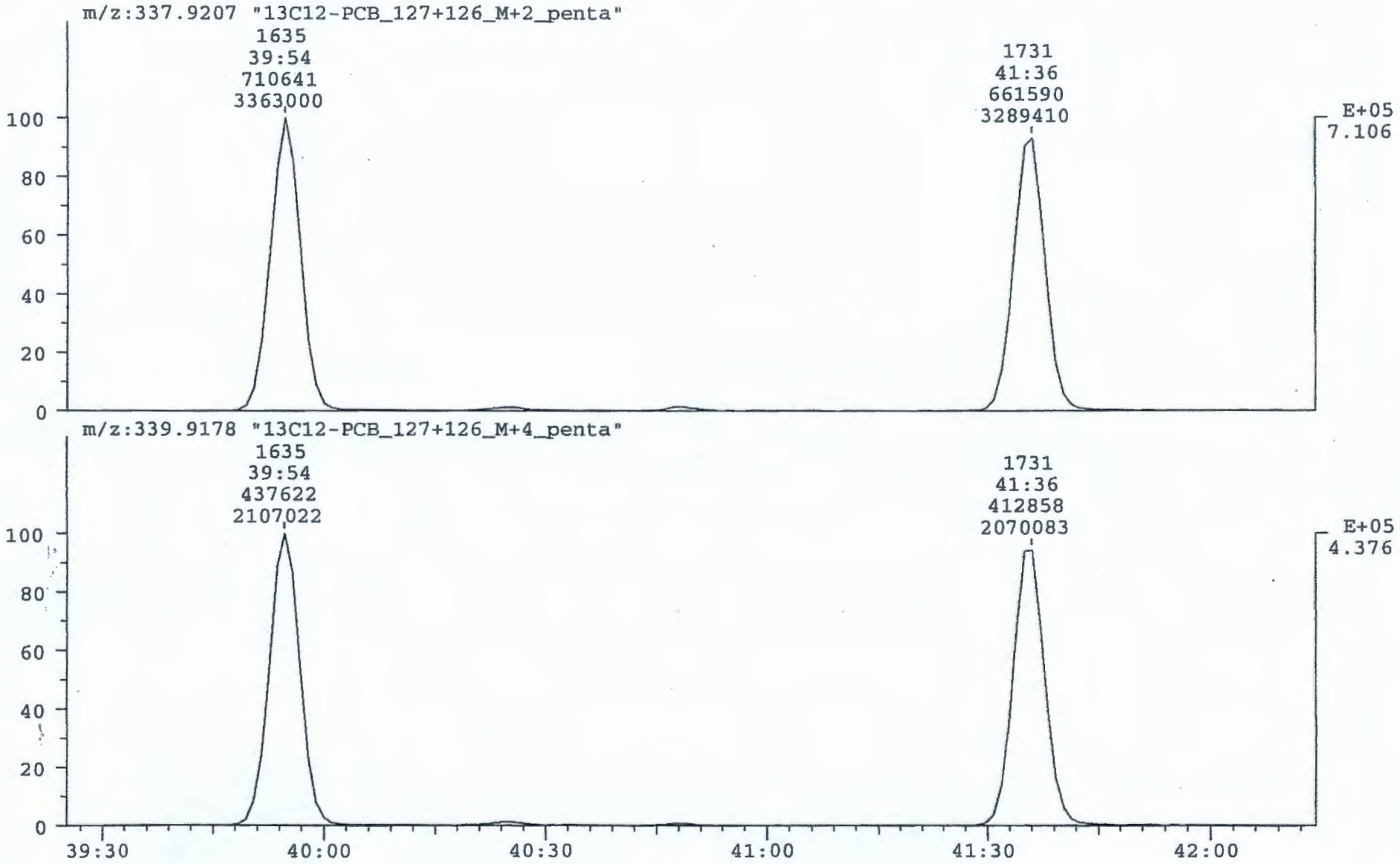
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  30:34      1109
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   802 > 1416            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



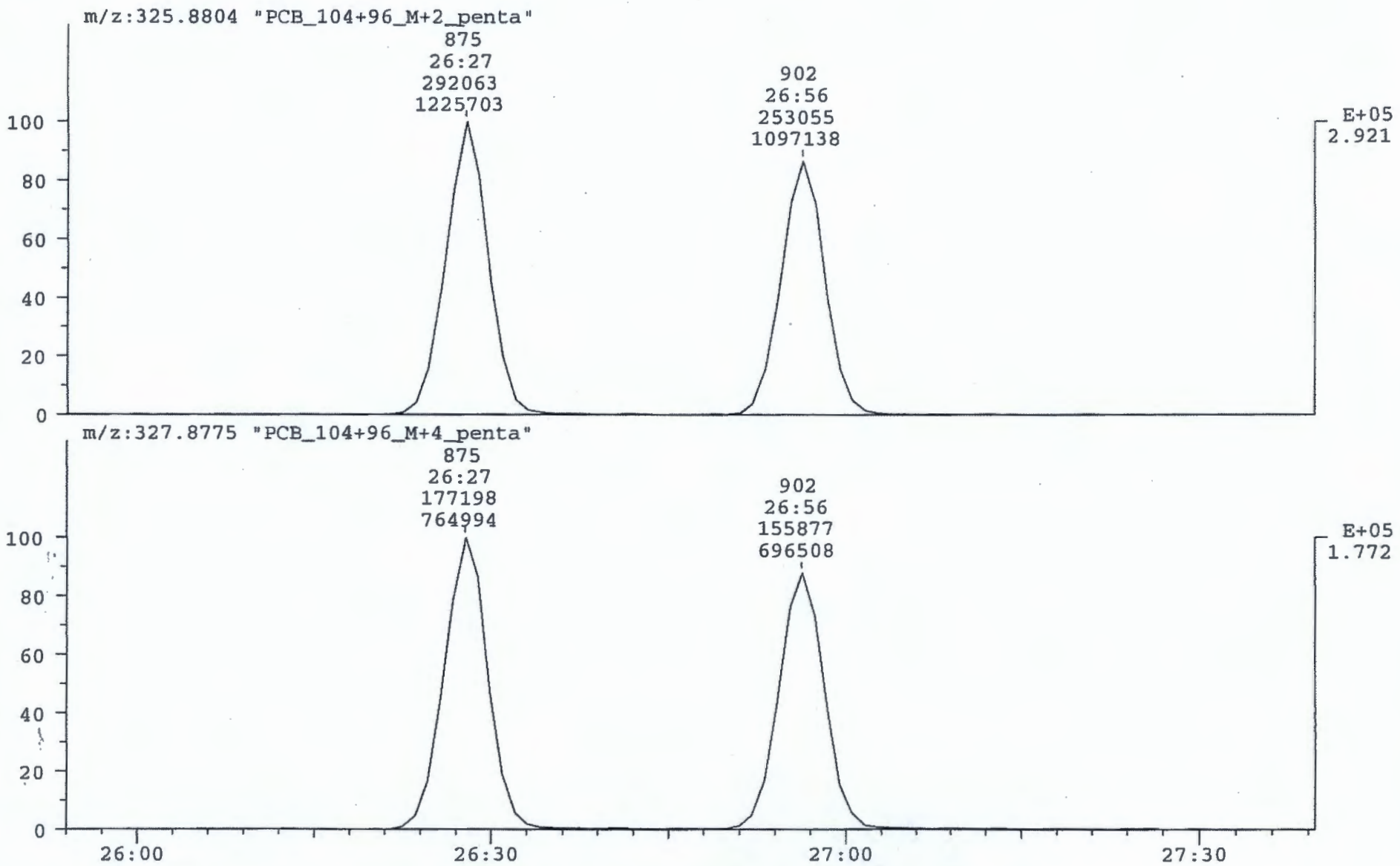
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  37:50      1517
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1452 > 1582           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



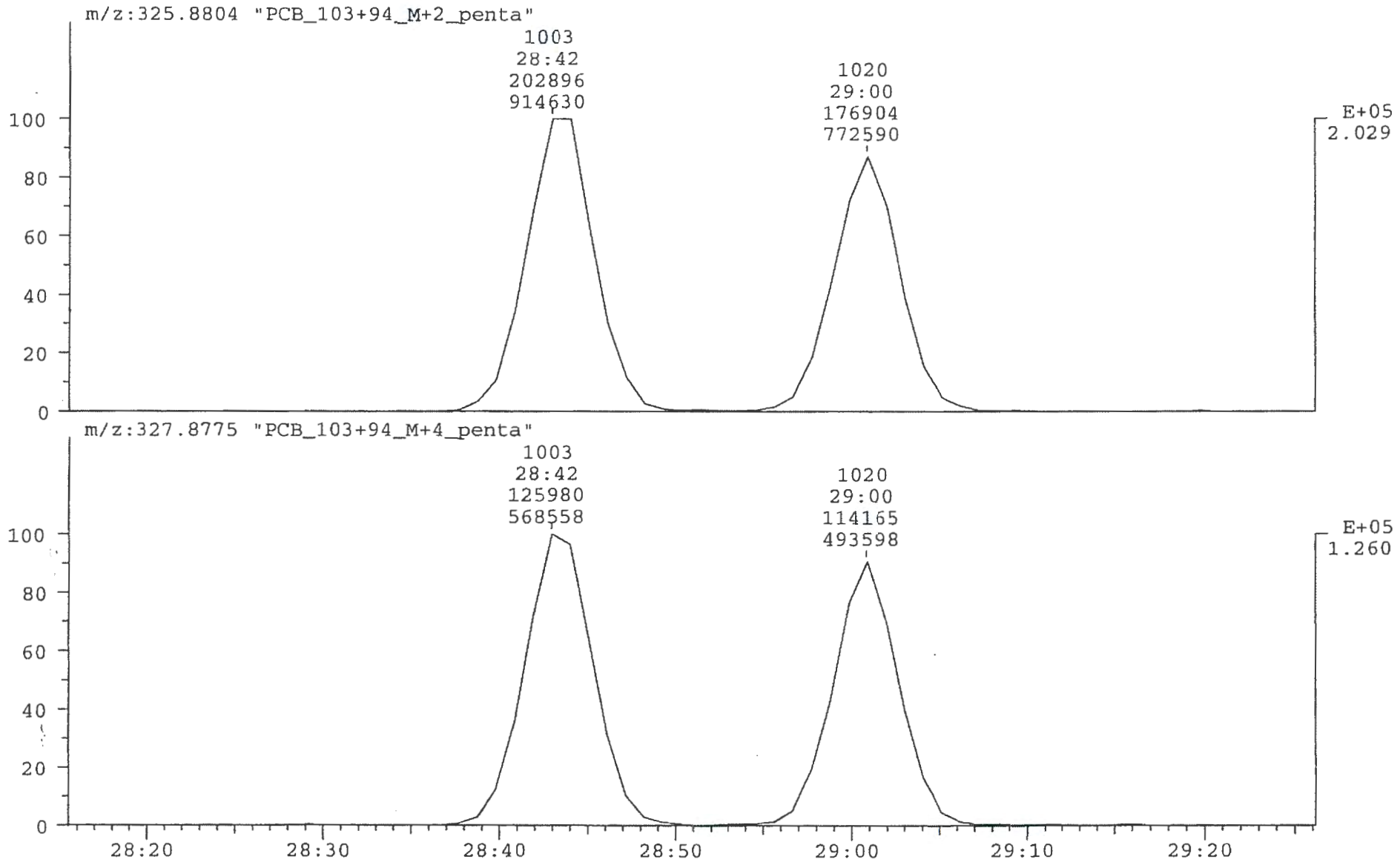
```
CHRO:  a070313i3                                13-Mar-07  Elapse:  40:49      1687
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                 Start :  22:19:51   2603
Comm:  Inst=mld/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                           Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville               Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1607 > 1767          Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3               Label :  -3, 3.0
Disp:  Height  Area
```



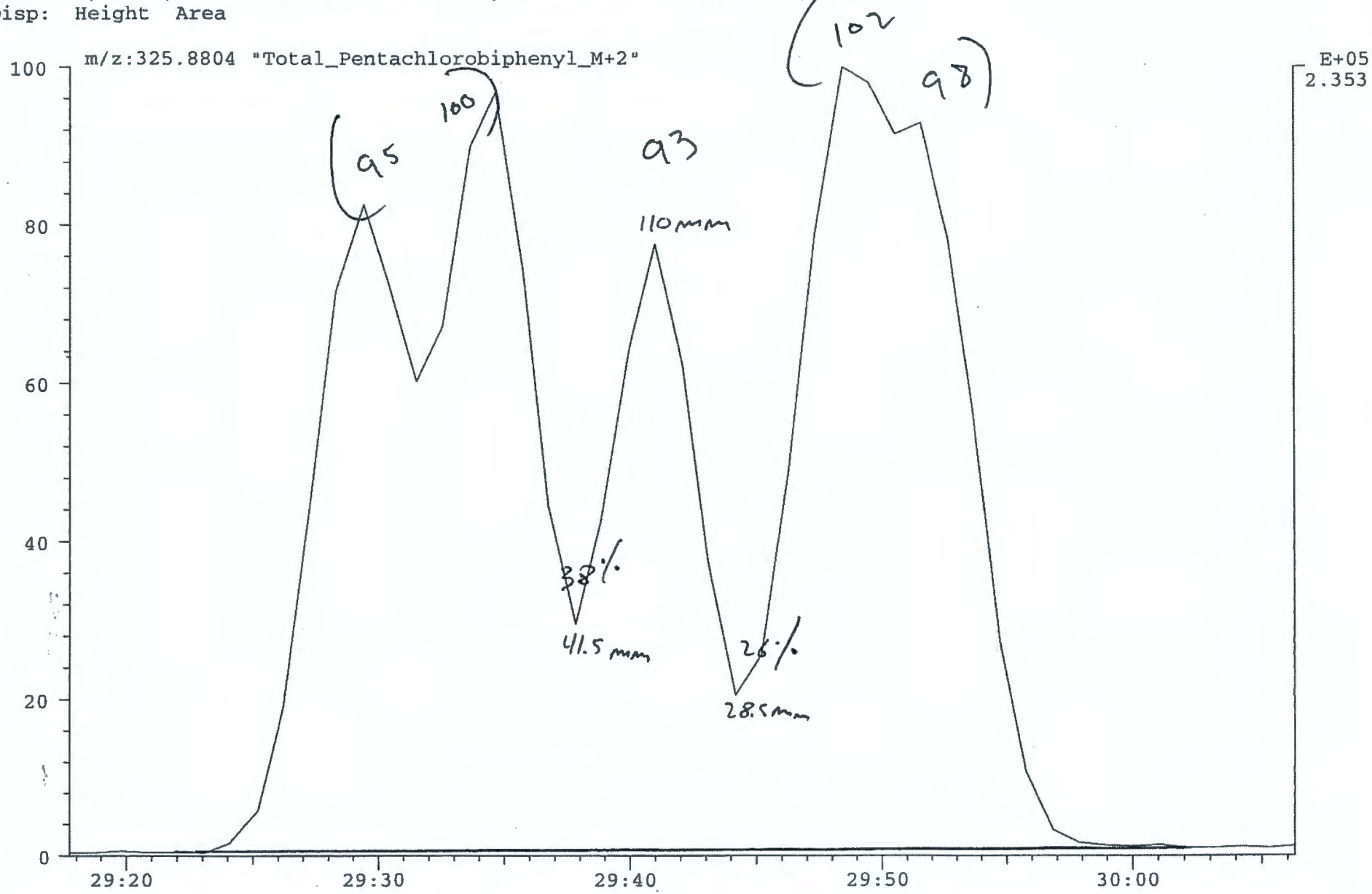
CHRO: a070313i3 13-Mar-07 Elapse: 26:46.7 893
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 843 > 943 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



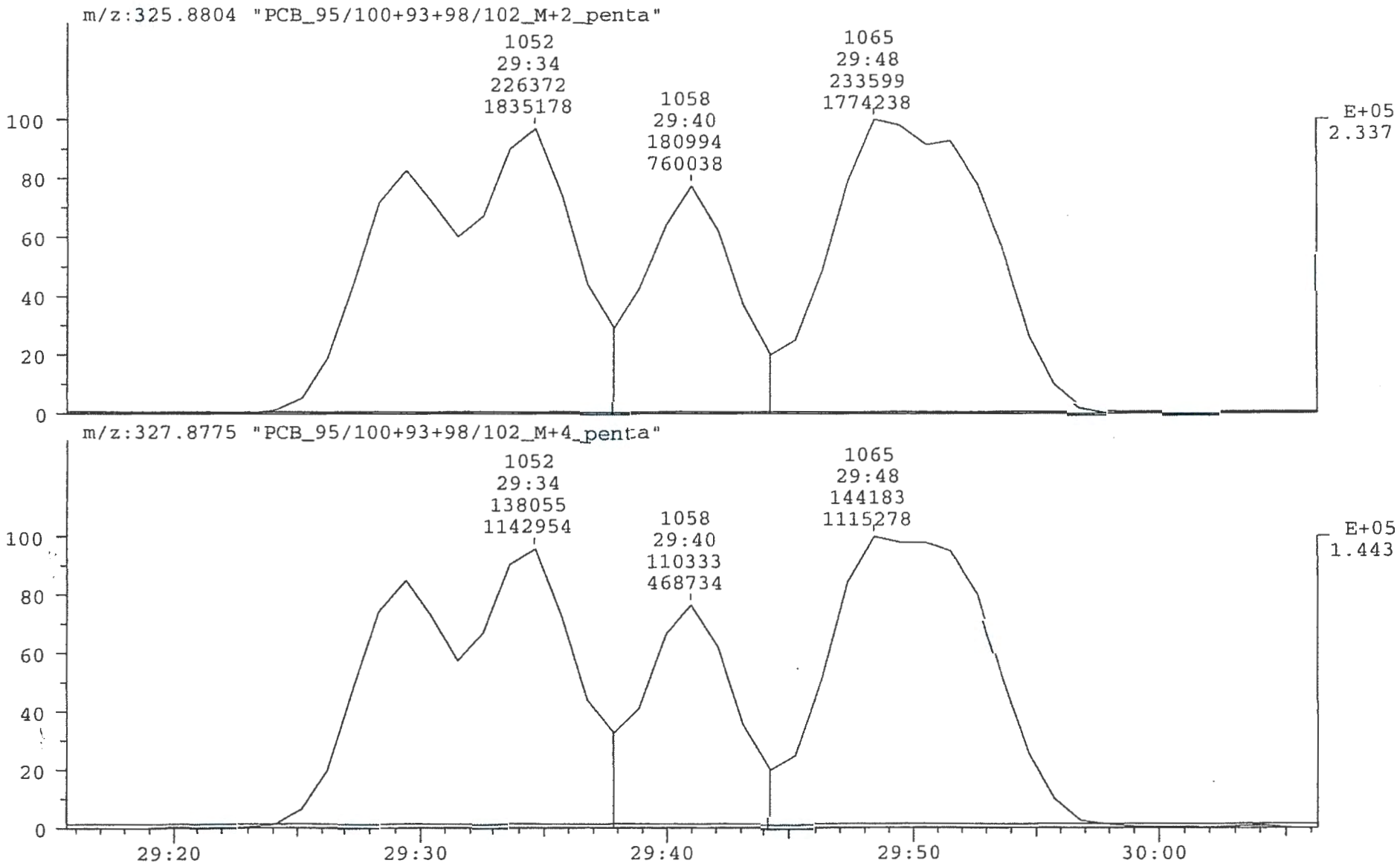
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  28:57      1017
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   977 > 1044            Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



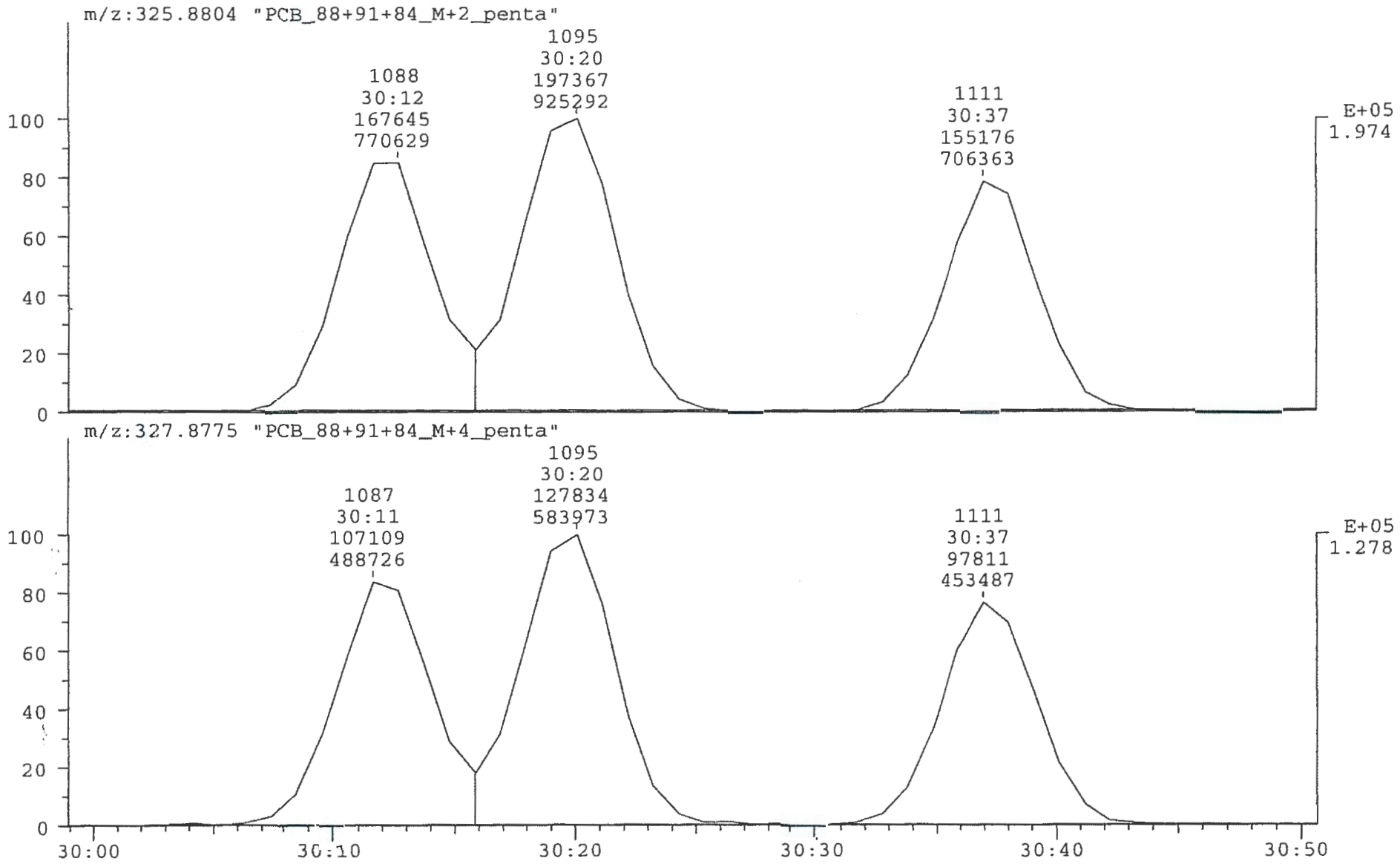
CHRO: a070313i3 13-Mar-07 Elapse: 56:11 2556
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1036 > 1082 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



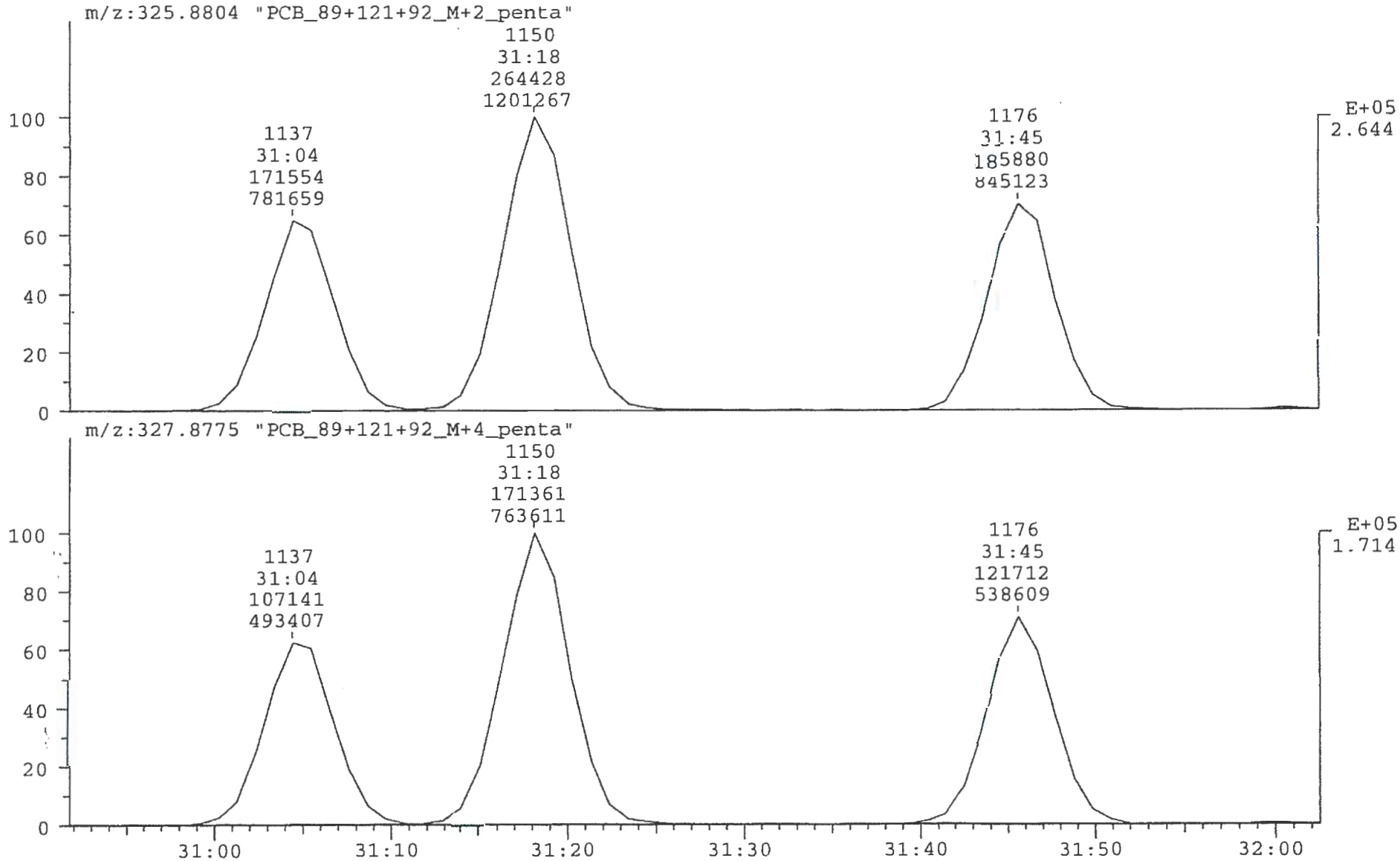
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  29:44      1061
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1034 > 1082           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 4                Label :  -3, 3.0
Disp:  Height  Area
```



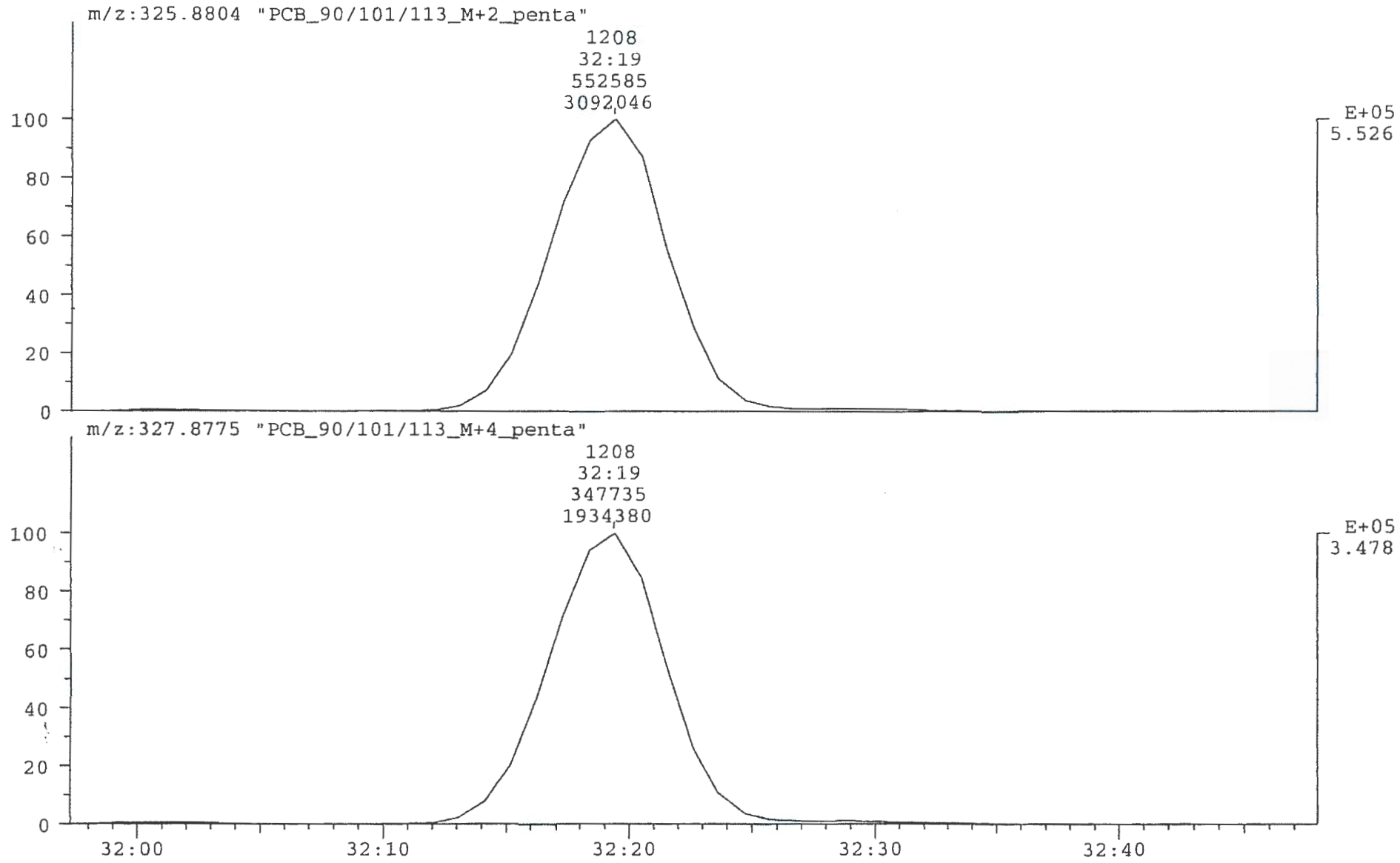
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  30:29      1104
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1075 > 1124           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 2                Label :  -3, 3.0
Disp:  Height  Area
```



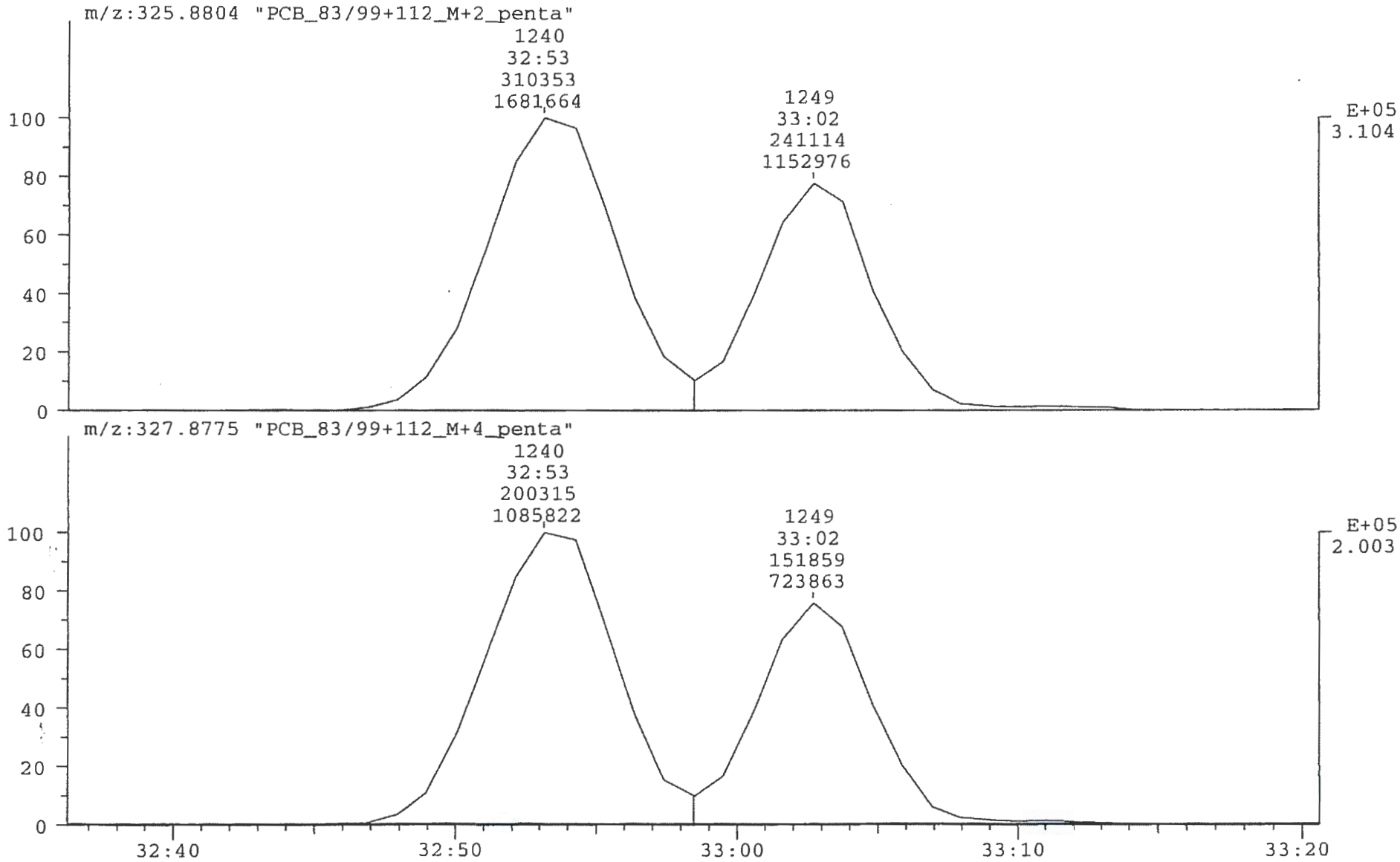
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  31:30      1162
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1125 > 1192           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



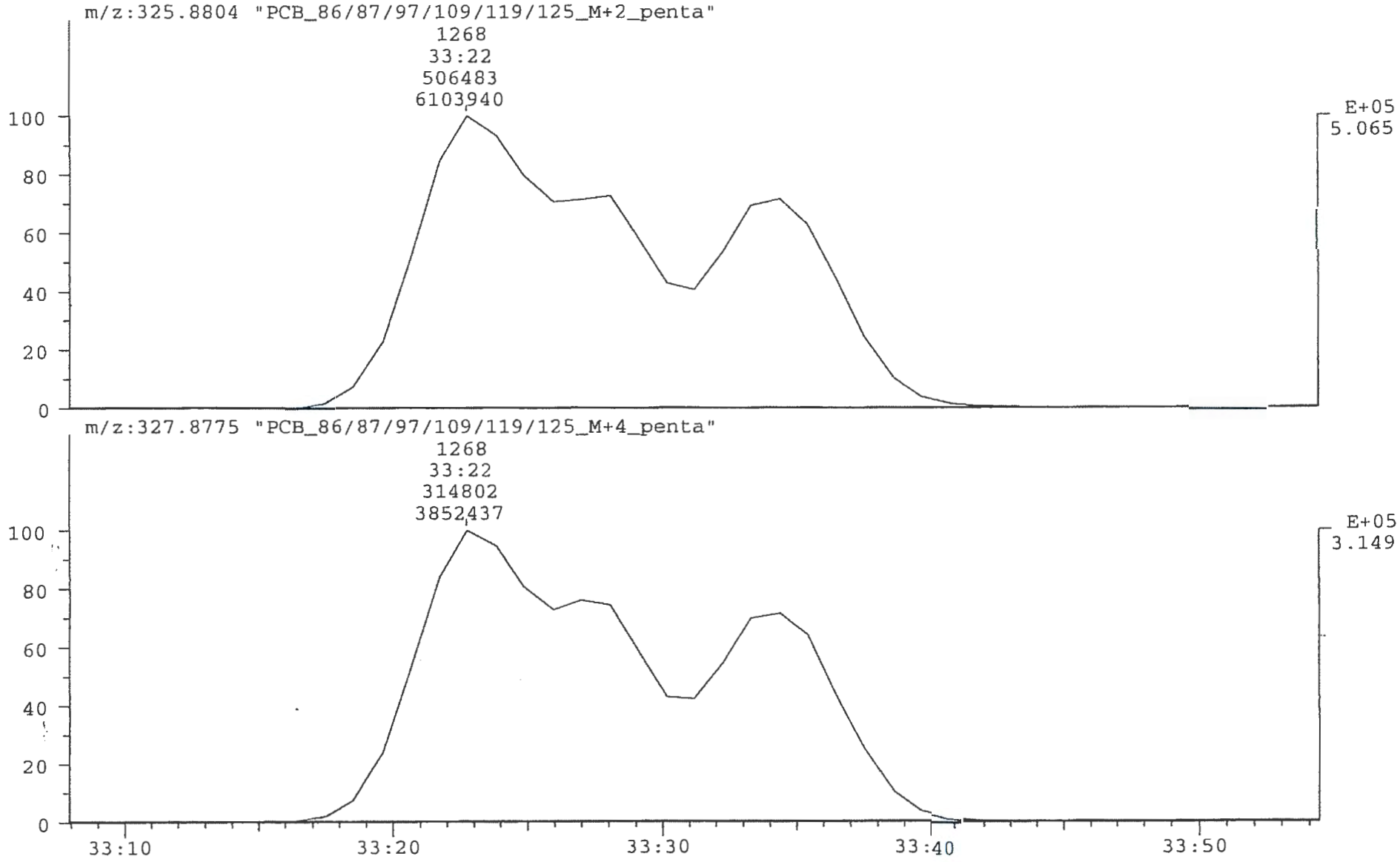
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  32:21      1210
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1187 > 1235           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



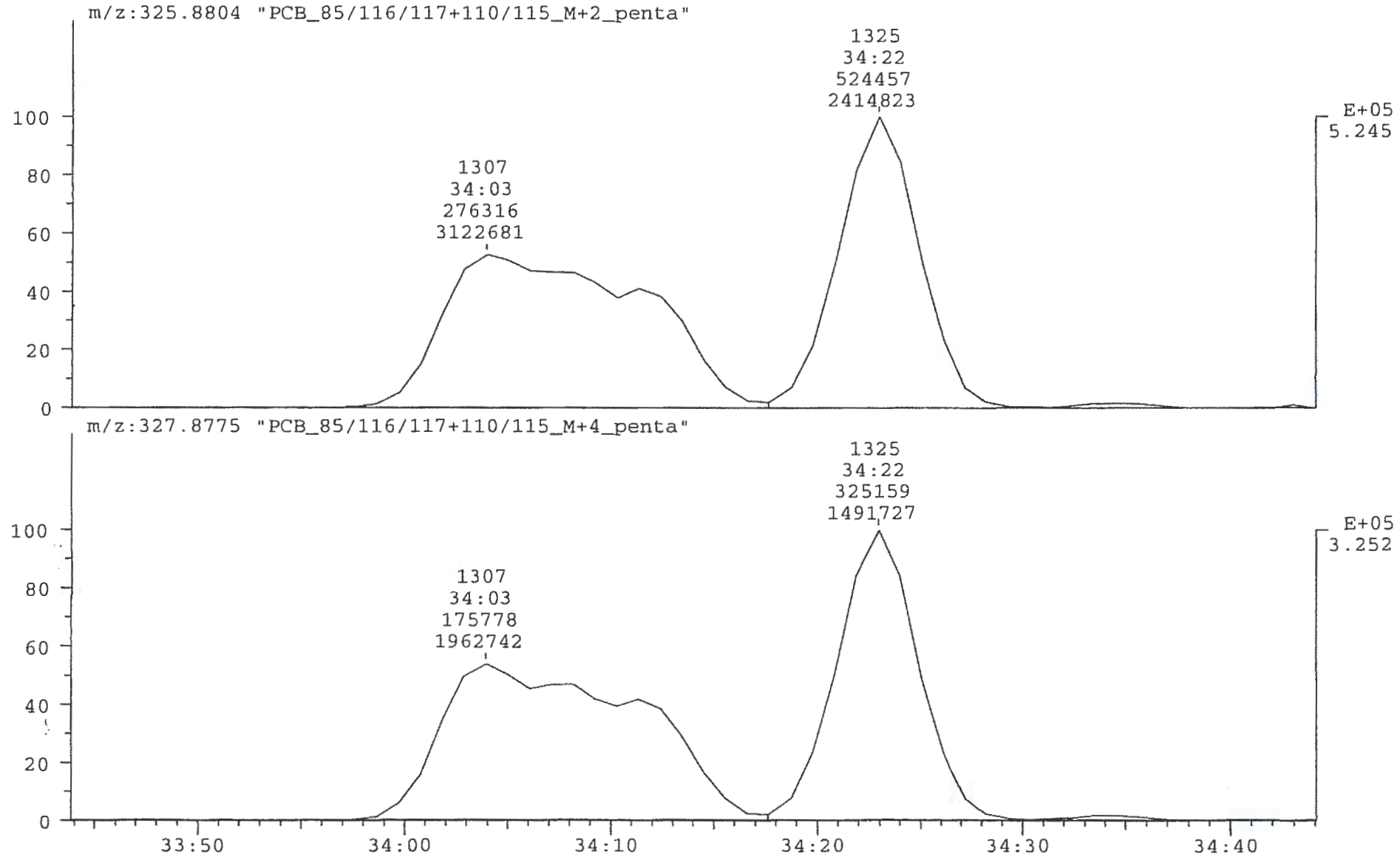
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  33:02      1249
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1224 > 1266           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



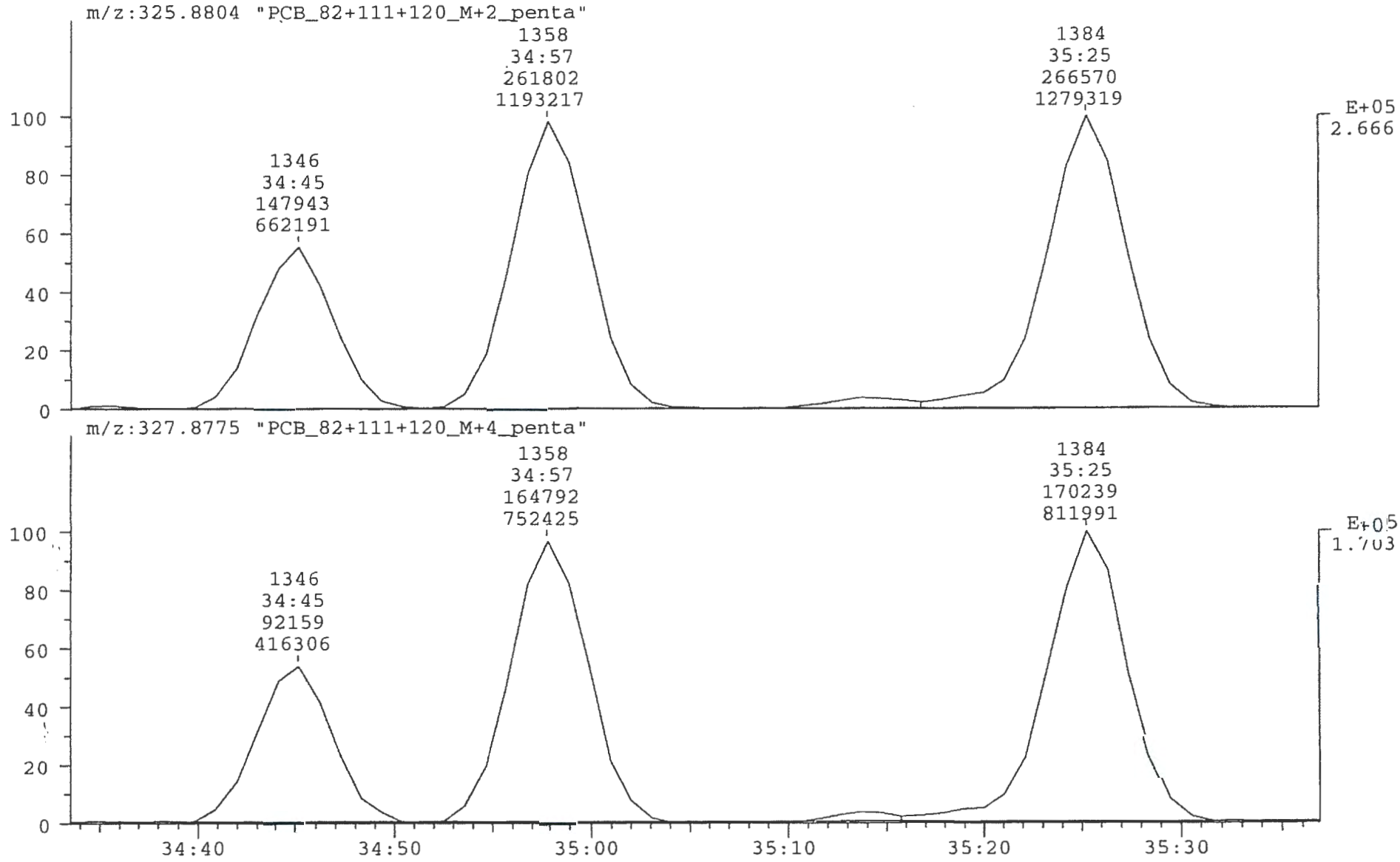
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  33:36      1281
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1254 > 1298           Masses:  181 > 510
Area:  5, 0.50, 0       Baseline  :   100, 9                Label :  -3, 3.0
Disp:  Height  Area
```



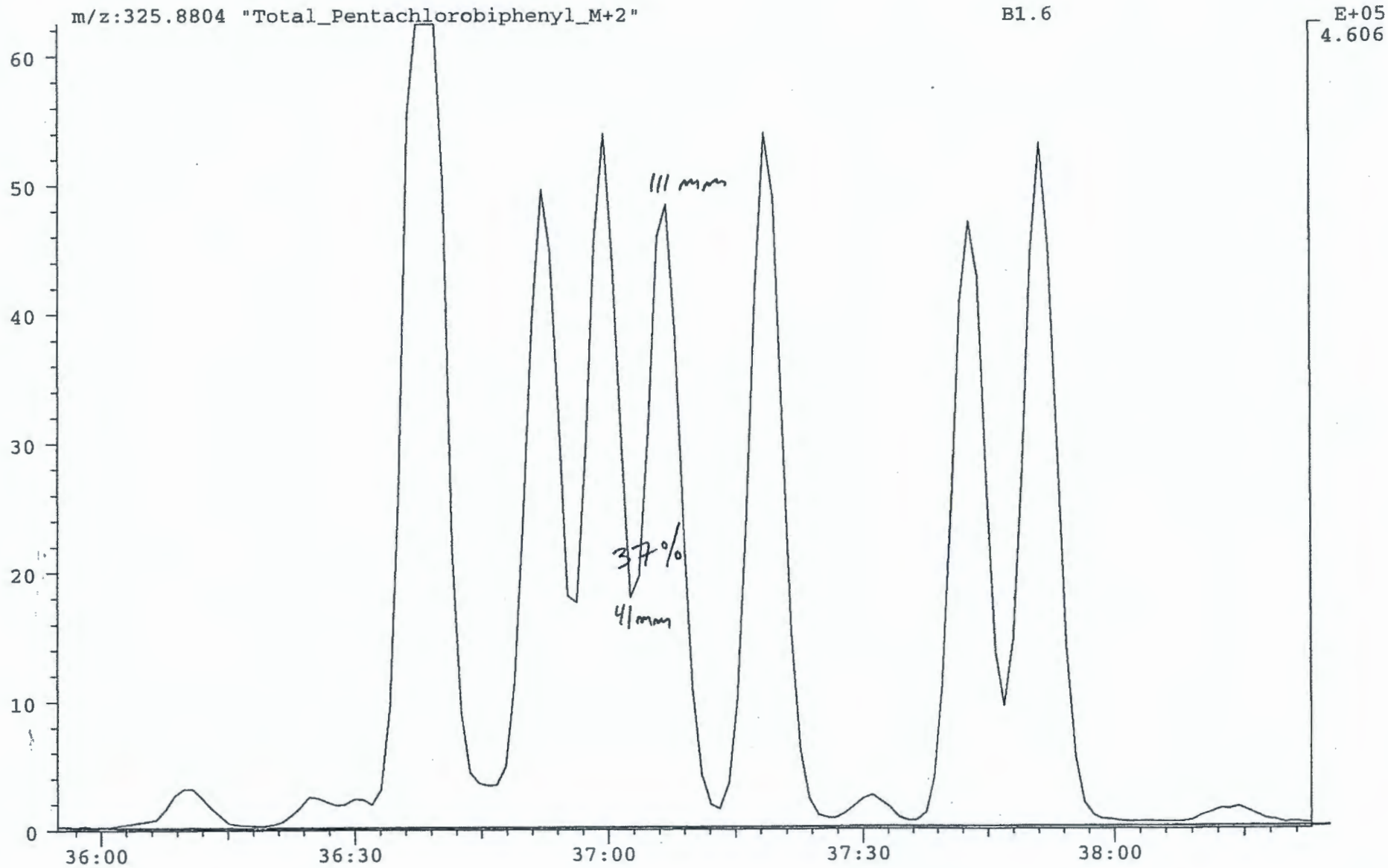
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  34:22       1325
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1288 > 1345           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 6                Label :  -3, 3.0
Disp:  Height  Area
```



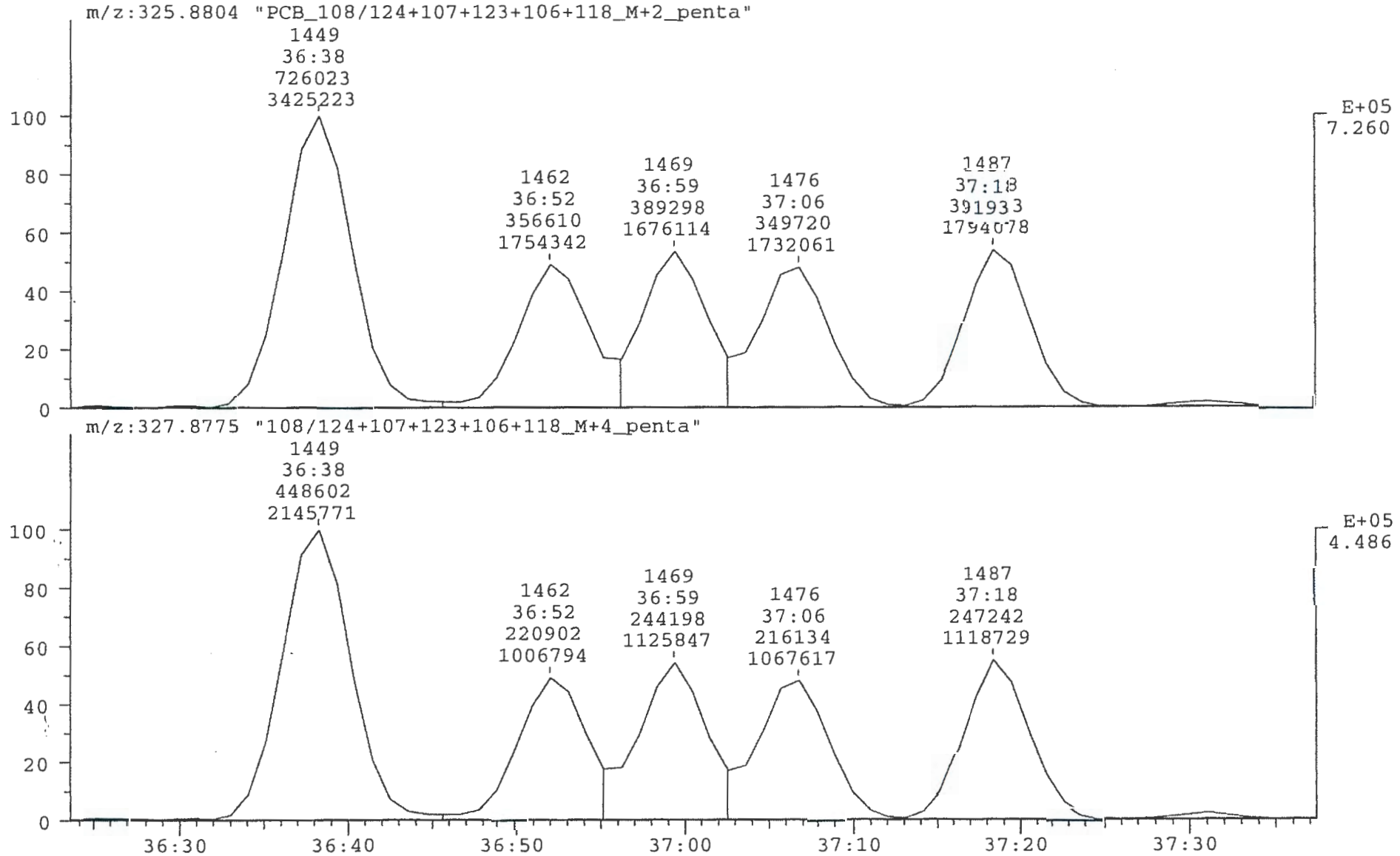
CHRO: a070313i3 13-Mar-07 Elapse: 34:54 1355
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1335 > 1395 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 1 Label : -3, 3.0
Disp: Height Area



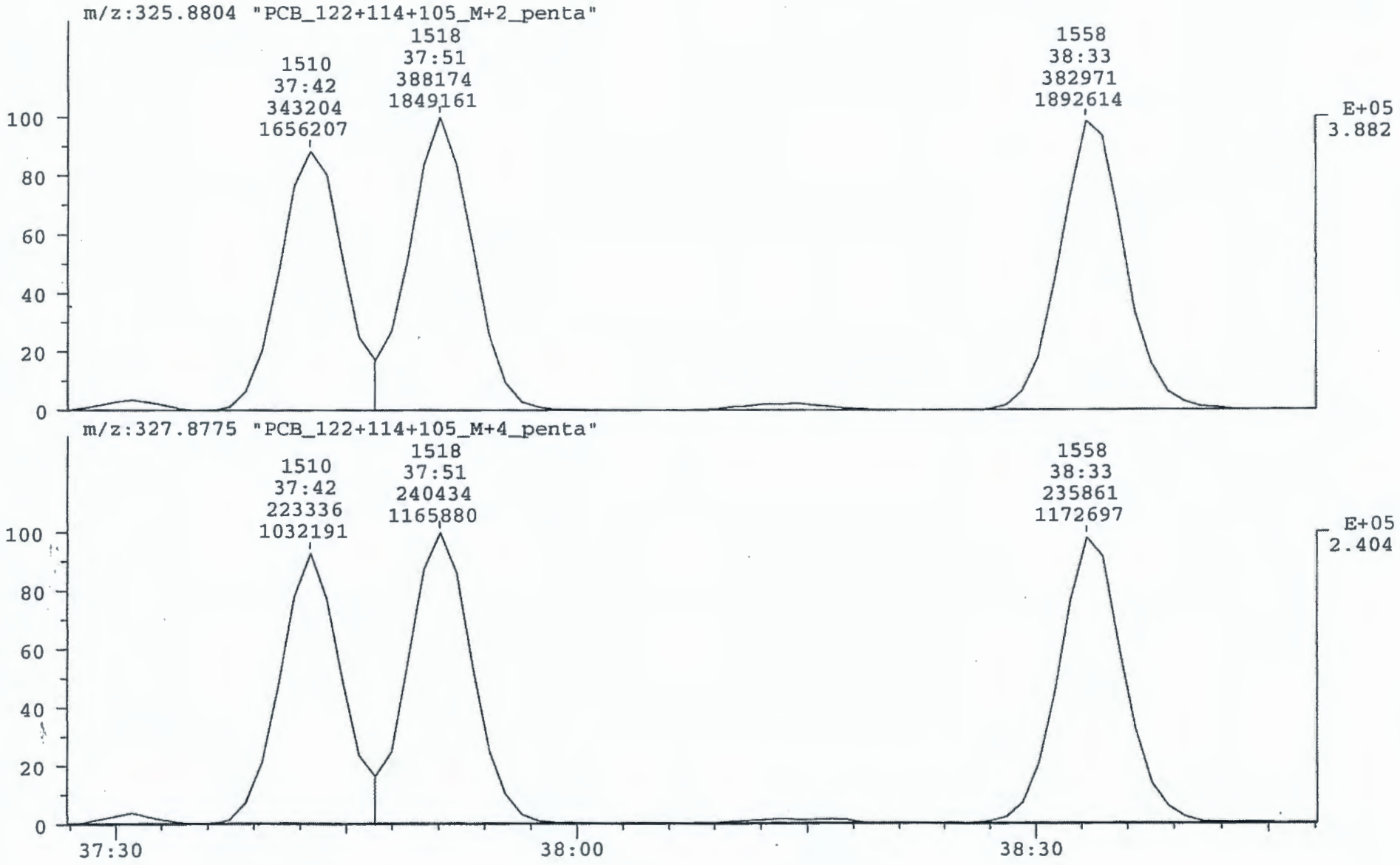
CHRO: a070313i3 13-Mar-07 Elapse: 23:18.7 696
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1412 > 1548 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : 0, 0.0
Disp: Height Area



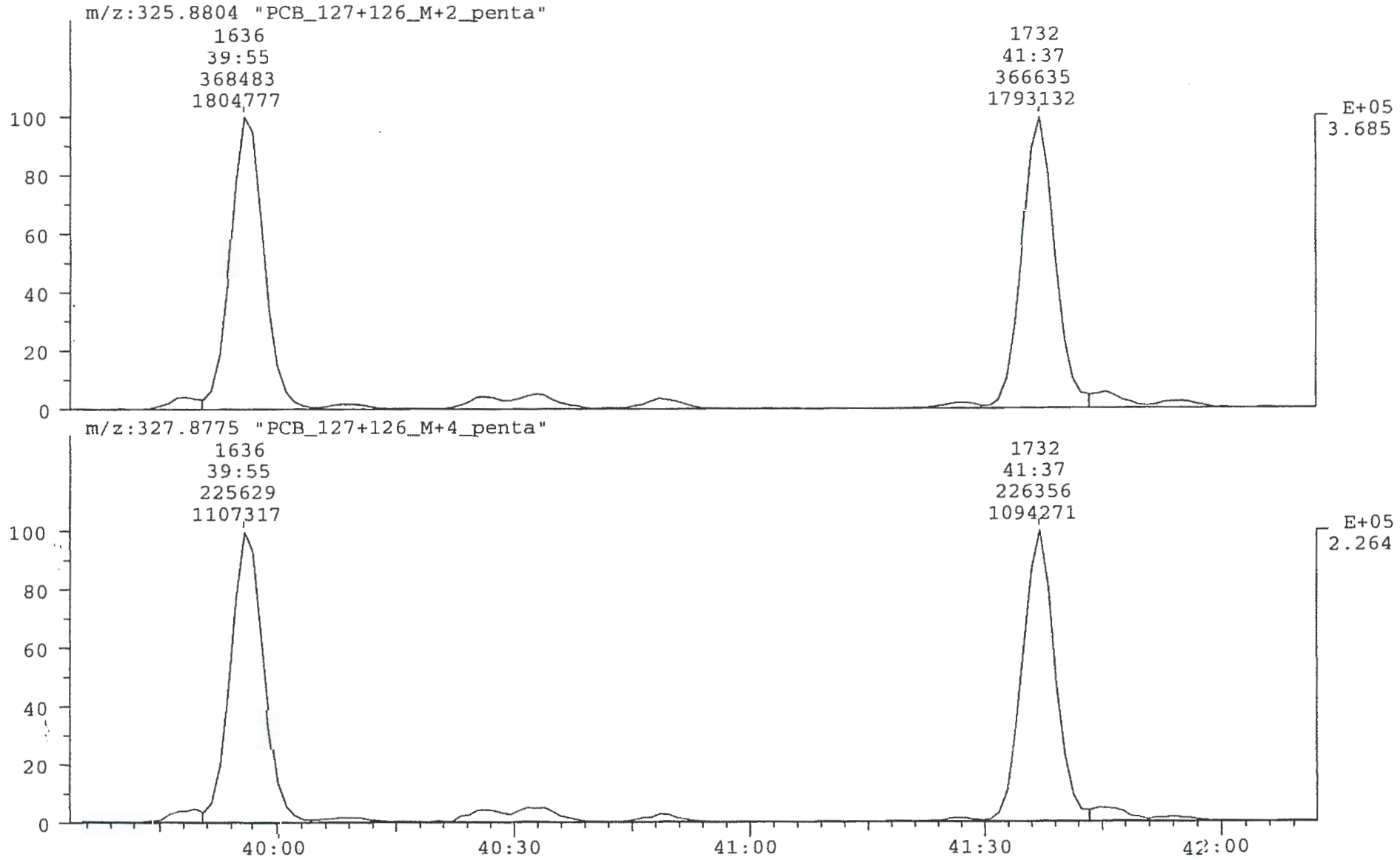
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  37:11      1480
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1435 > 1505           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



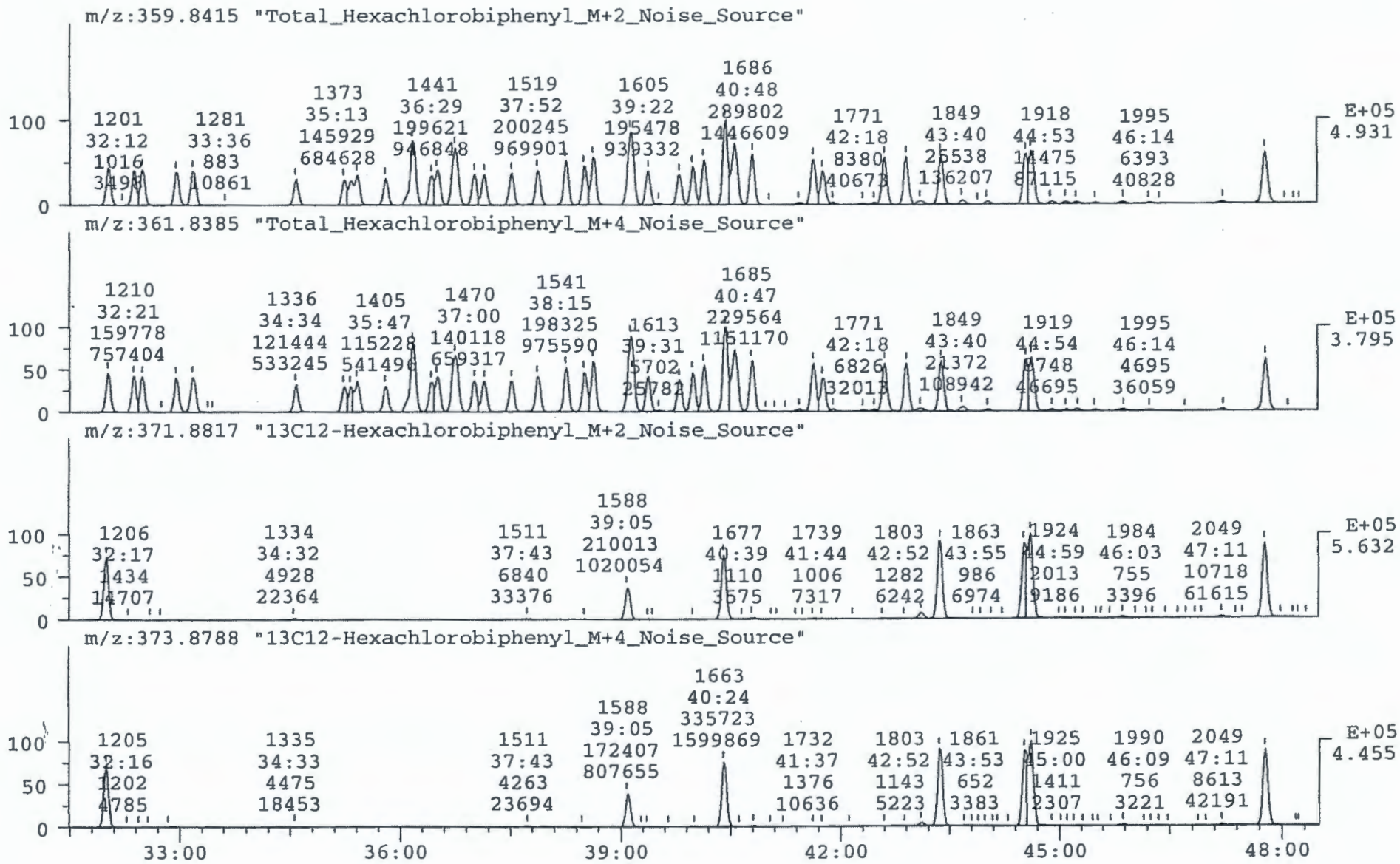
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  38:14       1540
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51    2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1495 > 1572           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



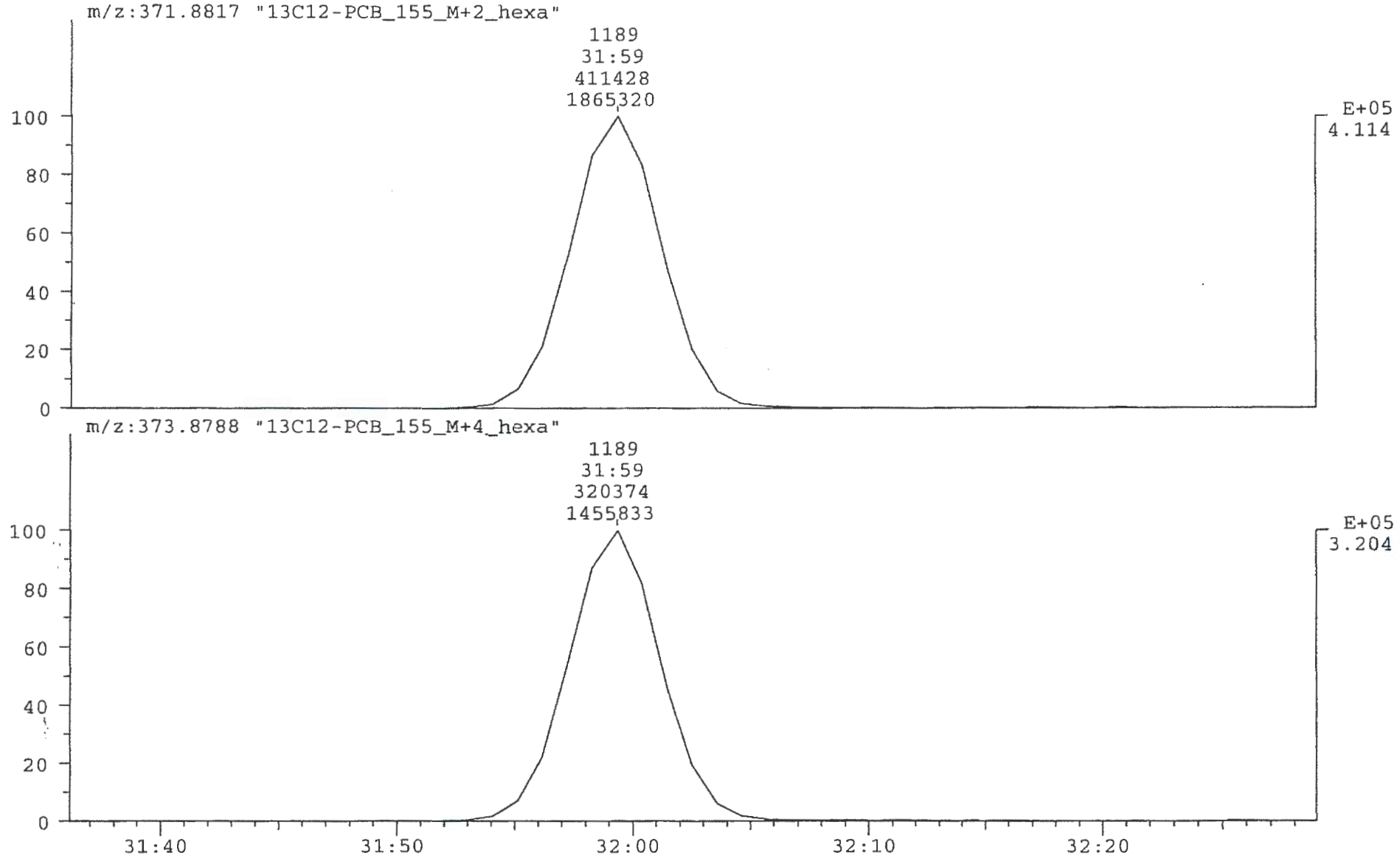
```
CHRO:  a070313i3                                13-Mar-07   Elapse:  40:52      1690
Samp:  Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1                  Start :  22:19:51   2603
Comm:  Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode:  EI +VE +LMR  ESCAN LR NRM                            Study :  ICAL CS3
Oper:  DCG            Client:  STL Knoxville                Inlet :  GC     Vial   6
Peak:  100.00  ppm      Label wndw:   1615 > 1765           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 1                Label :  -3, 3.0
Disp:  Height  Area
```



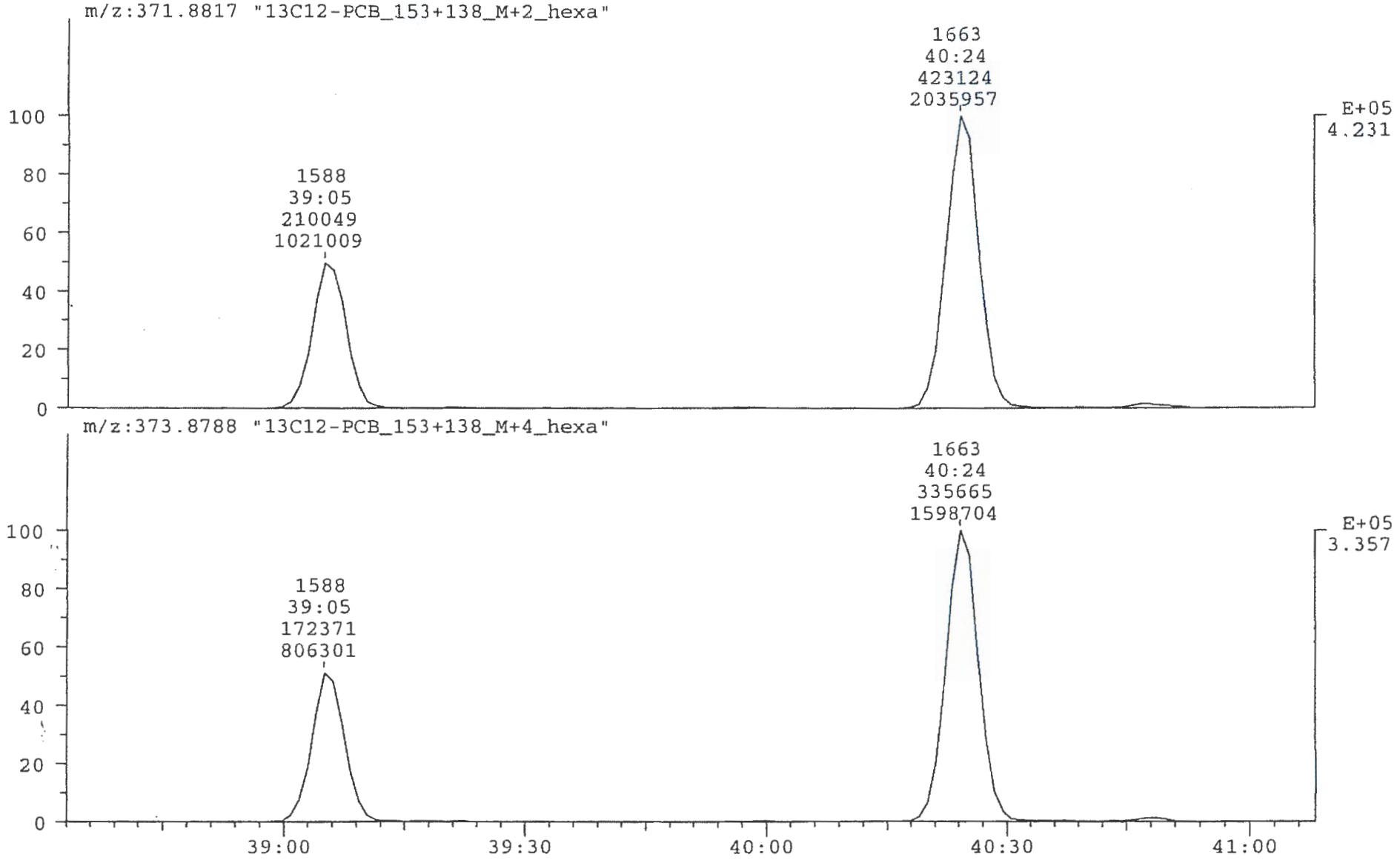
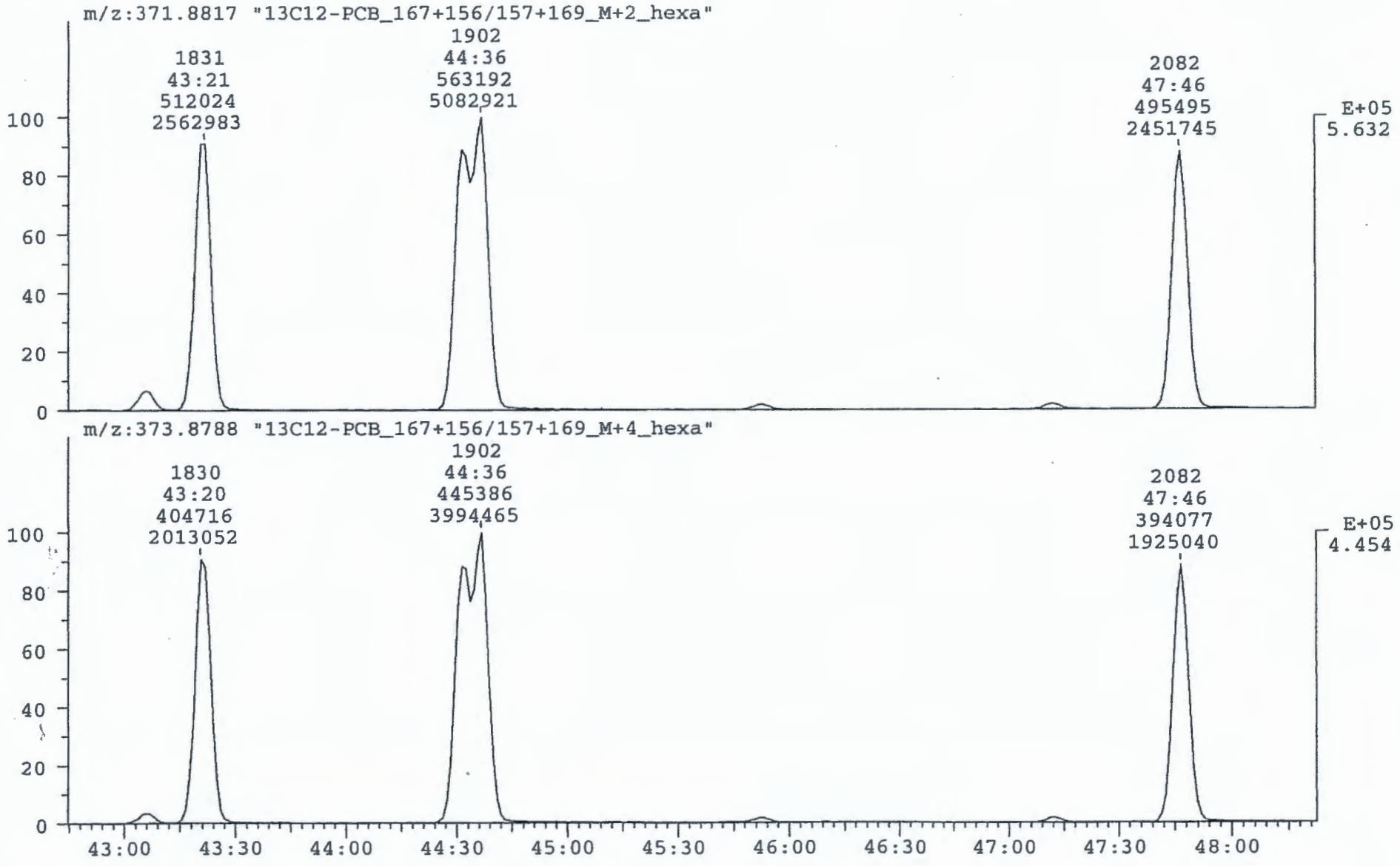
CHRO: a070313i3 13-Mar-07 Elapse: 39:58 1639
Samp: Vial 6 WO=2990:71CS3 Meth=IE3 Dil=1 Start : 22:19:51 2603
Comm: Inst=m1d/35055-03a Batch=20070313i Ccal=20070313i
Mode: EI +VE +LMR ESCAN LR NRM Study : ICAL CS3
Oper: DCG Client: STL Knoxville Inlet : GC Vial 6
Peak: 100.00 ppm Label wndw: 1160 > 2123 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 3 Label : -3, 3.0
Disp: Height Area



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  32:02      1192
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:   1167 > 1217           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



```
CHRO:  a070313i3                                13-Mar-07   Elapse:  39:50      1631
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:   1558 > 1704           Masses:  181 > 510
Area:  5, 0.50, 15      Baseline  :   100, 3                Label :  -3, 3.0
Disp:  Height  Area
```



CHRO: a070313i3 13-Mar-07 Elapse: 48:00 2095
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: 1796 > 2116 Masses: 181 > 510
Area: 5, 0.50, 15 Baseline : 100, 9 Label : -3, 3.0
Disp: Height Area