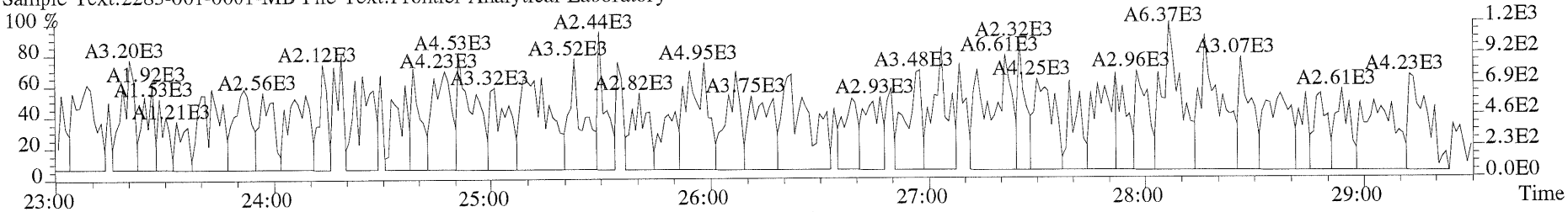
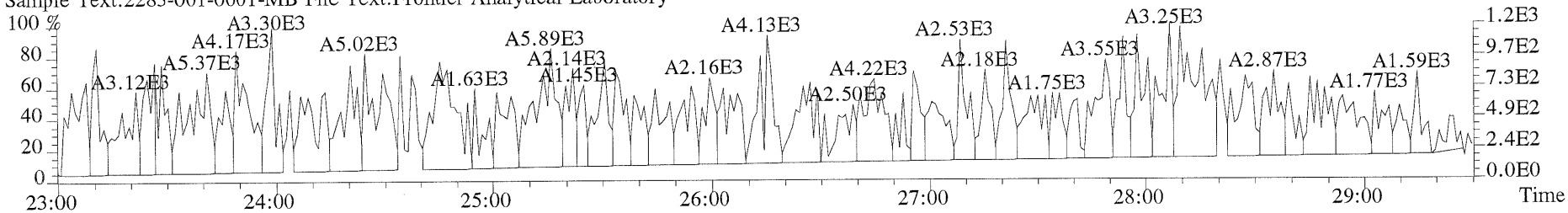
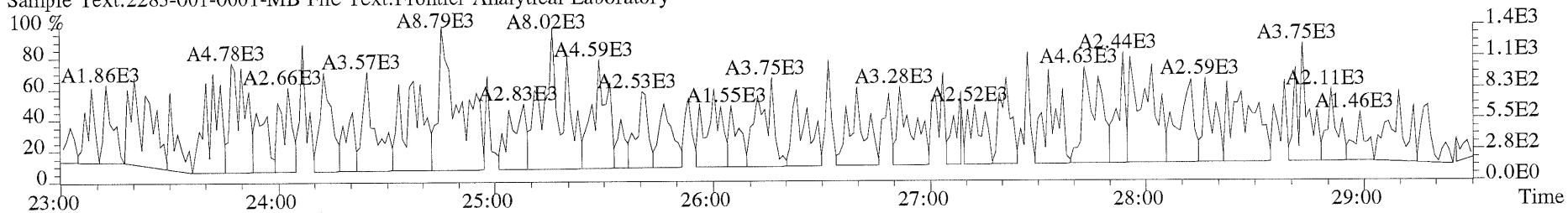
File:07MAY11M #1-426 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



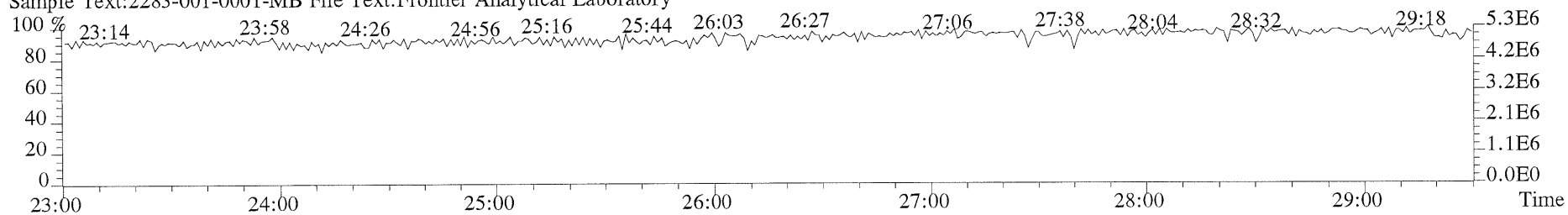
File:07MAY11M #1-426 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



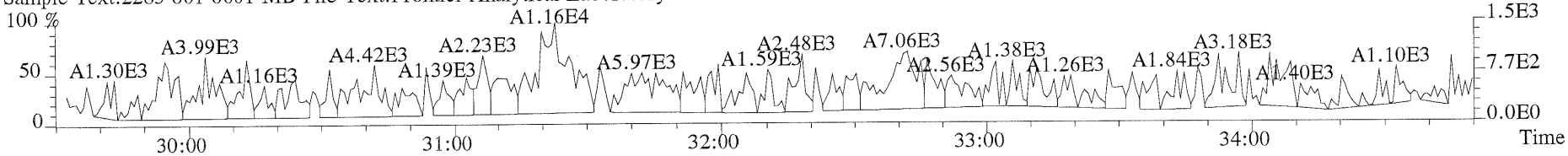
File:07MAY11M #1-426 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



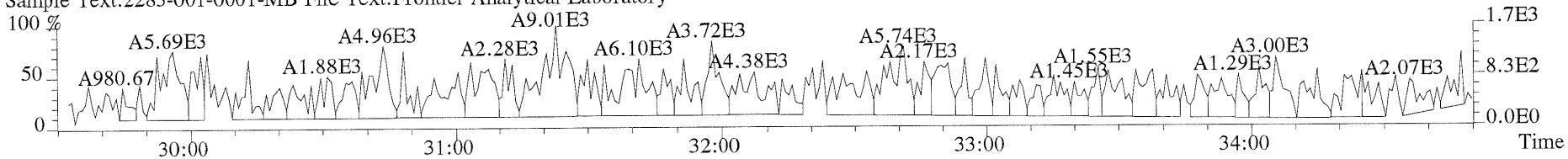
File:07MAY11M #1-426 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:3 Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



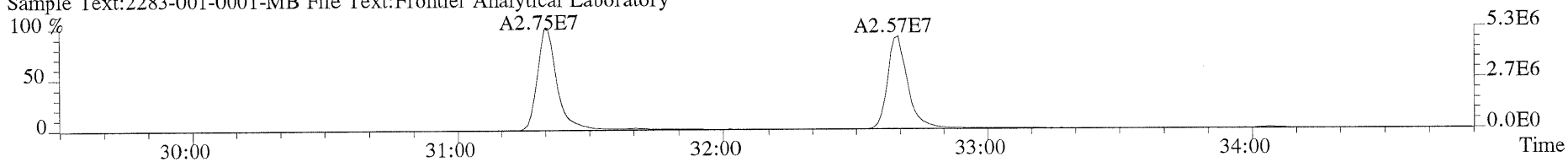
File:07MAY11M #1-412 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



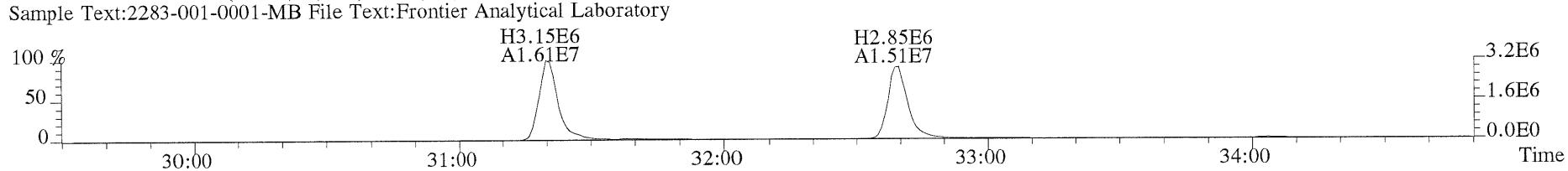
File:07MAY11M #1-412 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



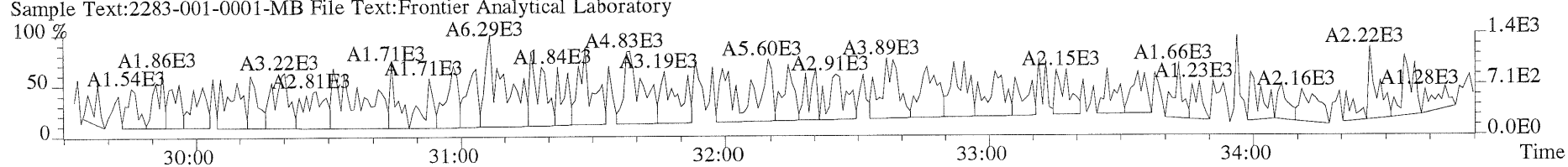
File:07MAY11M #1-412 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



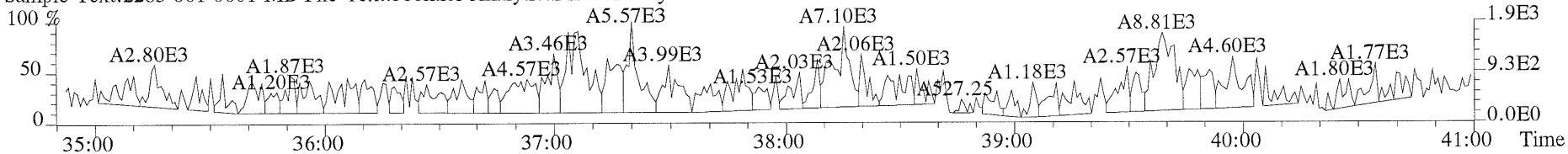
File:07MAY11M #1-412 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



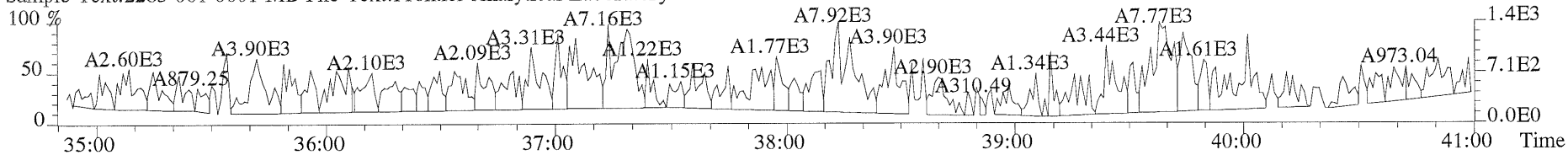
File:07MAY11M #1-412 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



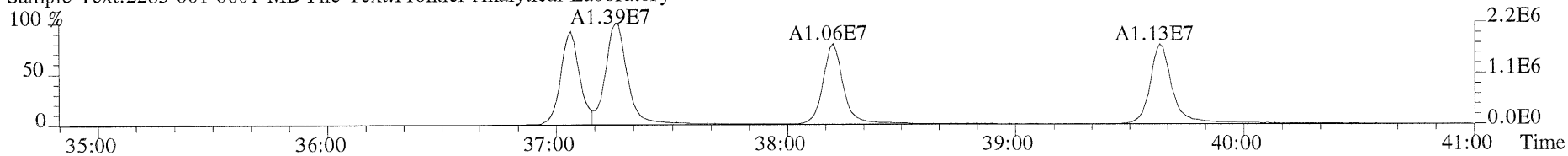
File:07MAY11M #1-476 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



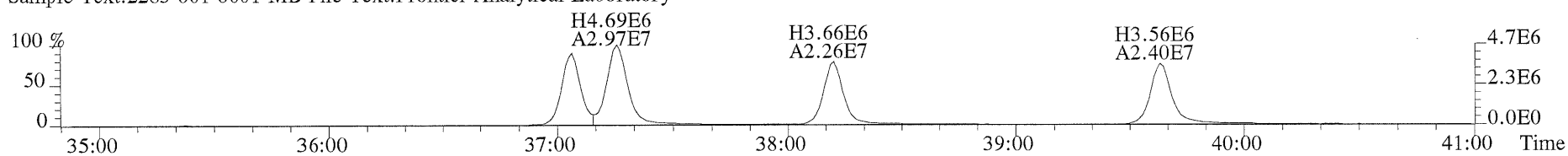
File:07MAY11M #1-476 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



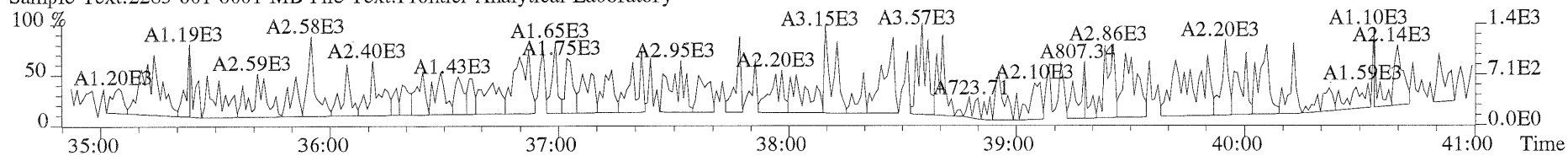
File:07MAY11M #1-476 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



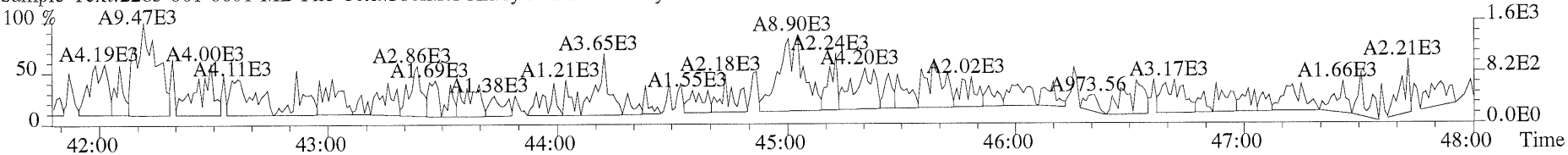
File:07MAY11M #1-476 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



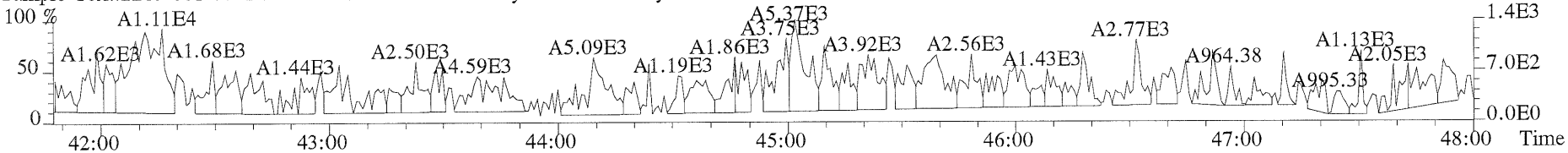
File:07MAY11M #1-476 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



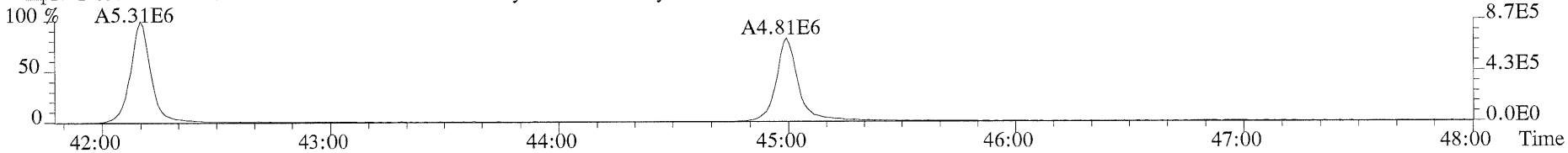
File:07MAY11M #1-541 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



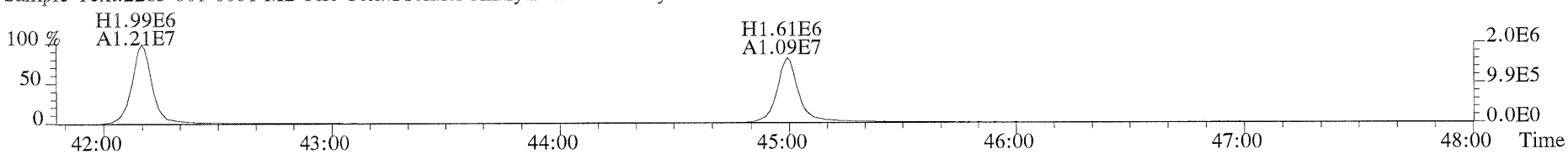
File:07MAY11M #1-541 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



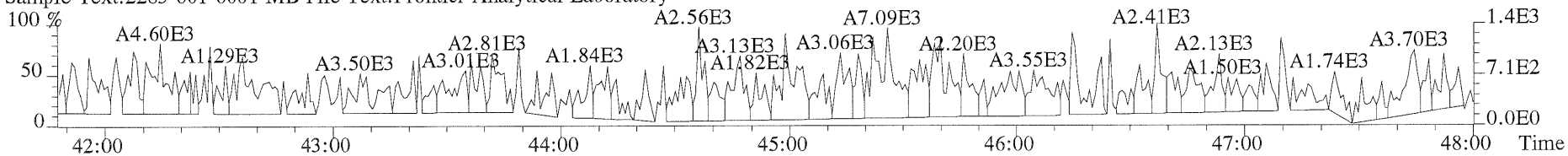
File:07MAY11M #1-541 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



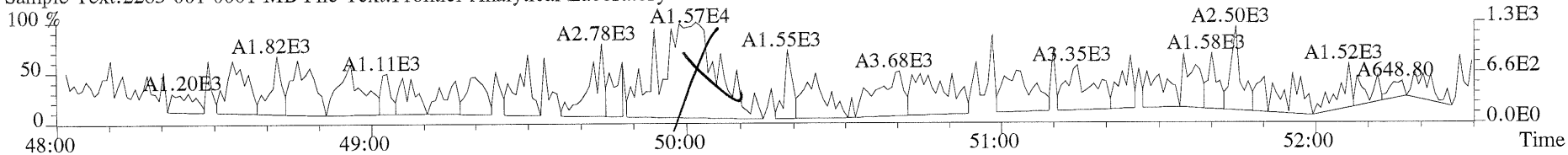
File:07MAY11M #1-541 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



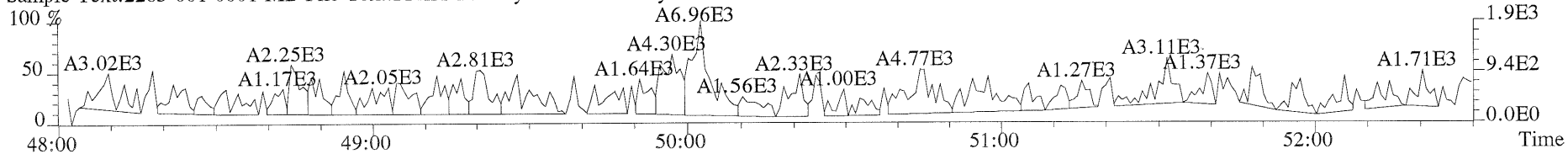
File:07MAY11M #1-541 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



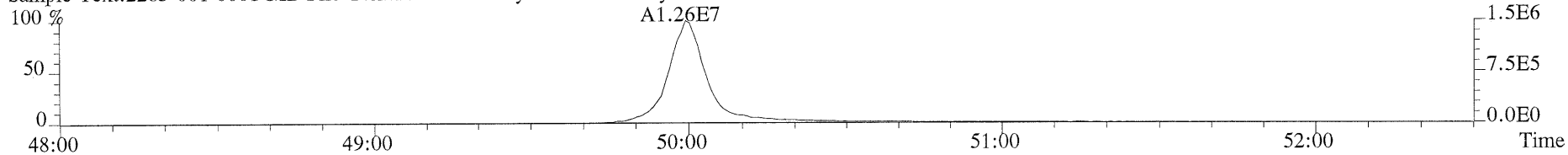
File:07MAY11M #1-348 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



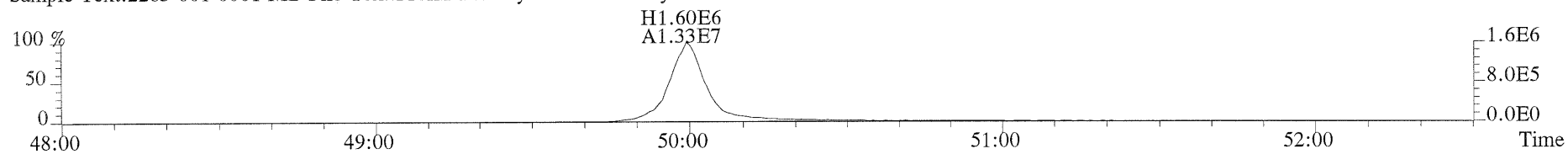
File:07MAY11M #1-348 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



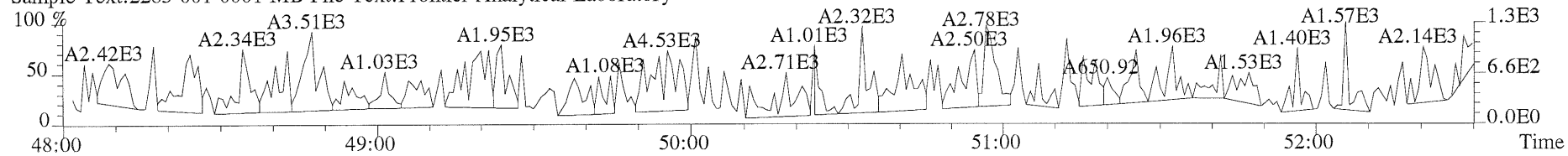
File:07MAY11M #1-348 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



File:07MAY11M #1-348 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



File:07MAY11M #1-348 Acq: 7-MAY-2011 10:08:16 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-MB File Text:Frontier Analytical Laboratory



USEPA - ITD

FORM 8A
PCDD/PCDF ONGOING PRECISION AND RECOVERY (OPR)

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Matrix (aqueous/solid/leachate): Soil OPR Data Filename: 07MAY11M Sam:2

Ext. Date: 5/5/11 Shift: Day Analysis Date: 7-MAY-11 09:12:54

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT.

	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (1) (ng/mL)
NATIVE ANALYTES			
2,3,7,8-TCDD	10	10.4	6.70 - 15.8
1,2,3,7,8-PeCDD	50	50.8	35.0 - 71.0
1,2,3,4,7,8-HxCDD	50	51.4	35.0 - 82.0
1,2,3,6,7,8-HxCDD	50	50.8	38.0 - 67.0
1,2,3,7,8,9-HxCDD	50	52.6	32.0 - 81.0
1,2,3,4,6,7,8-HpCDD	50	51.9	35.0 - 70.0
OCDD	100	102	78.0 - 144
2,3,7,8-TCDF	10	11.1	7.50 - 15.8
1,2,3,7,8-PeCDF	50	53.5	40.0 - 67.0
2,3,4,7,8-PeCDF	50	53.2	34.0 - 80.0
1,2,3,4,7,8-HxCDF	50	50.0	36.0 - 67.0
1,2,3,6,7,8-HxCDF	50	52.0	42.0 - 65.0
2,3,4,6,7,8-HxCDF	50	50.3	35.0 - 78.0
1,2,3,7,8,9-HxCDF	50	51.5	39.0 - 65.0
1,2,3,4,6,7,8-HpCDF	50	49.7	41.0 - 61.0
1,2,3,4,7,8,9-HpCDF	50	51.6	39.0 - 69.0
OCDF	100	104	63.0 - 170

(1) Contract-required concentration limits for OPR as specified in Table 6, Method 1613

Analyst: _____ Date: 5/9/11

USEPA - ITD

FORM 8B

PCDD/PCDF ONGOING PRECISION AND RECOVERY (OPR)

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Matrix (aqueous/solid/leachate): Soil OPR Data Filename: 07MAY11M Sam:2

Ext. Date: 5/5/11 Shift: Day Analysis Date: 7-MAY-11 09:12:54

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT.

	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (1) (ng/mL)
LABELED COMPOUNDS			
13C-2,3,7,8-TCDD	100	99.5	20.0 - 175
13C-1,2,3,7,8-PeCDD	100	108	21.0 - 227
13C-1,2,3,4,7,8-HxCDD	100	95.3	21.0 - 193
13C-1,2,3,6,7,8-HxCDD	100	105	25.0 - 163
13C-1,2,3,4,6,7,8-HpCDD	100	99.4	26.0 - 166
13C-OCDD	200	118	26.0 - 397
13C-2,3,7,8-TCDF	100	103	22.0 - 152
13C-1,2,3,7,8-PeCDF	100	109	21.0 - 192
13C-2,3,4,7,8-PeCDF	100	106	13.0 - 328
13C-1,2,3,4,7,8-HxCDF	100	103	19.0 - 202
13C-1,2,3,6,7,8-HxCDF	100	102	21.0 - 159
13C-2,3,4,6,7,8-HxCDF	100	97.5	22.0 - 176
13C-1,2,3,7,8,9-HxCDF	100	98.0	17.0 - 205
13C-1,2,3,4,6,7,8-HpCDF	100	96.6	21.0 - 158
13C-1,2,3,4,7,8,9-HpCDF	100	110	20.0 - 186
13C-OCDF	200	125	26.0 - 397
CLEANUP STANDARD			
37Cl-2,3,7,8-TCDD	40	38.1	12.4 - 76.4

(1) Contract-required concentration limits for OPR as specified in Table 6, Method 1613
Labeled compound concentration limits are based on required percent recovery of 25%-150%.

Analyst: _____ Date: 5/9/11

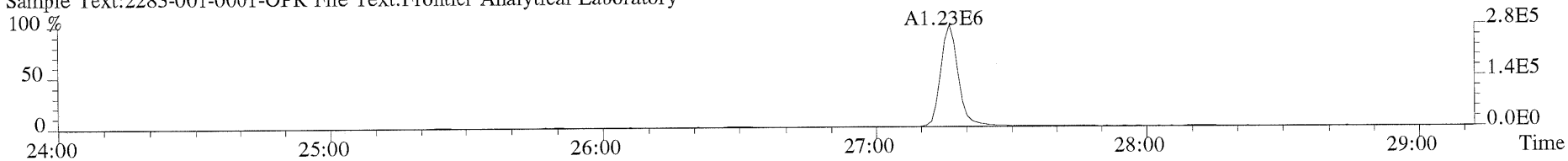
FAL ID: 2283-001-0001-OPR Filename: 07MAY11M Sam:2 Acquired: 7-MAY-11 09:12:54 ICal: PCDDFAL3-3-7-11
Client ID: OPR ConCal: ST050711M1 EndCal: ST050711M2
Results: GC Column: DB5 Amount: 1.000 NATO 1989 Tox: 104
WHO 1998 Tox: 129 WHO 2005 Tox: 117

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	2.74e+06	0.81 y	27:16	1.13	10.4		2.50	-	-	*
1,2,3,7,8-PeCDD	1.28e+07	1.60 y	33:06	1.02	50.8		2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.38e+07	1.34 y	38:29	1.45	51.4		2.50	-	-	*
1,2,3,6,7,8-HxCDD	1.19e+07	1.33 y	38:39	1.45	50.8		2.50	-	-	*
1,2,3,7,8,9-HxCDD	1.34e+07	1.35 y	39:05	1.47	52.6		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	9.08e+06	0.91 y	44:06	1.30	51.9		2.50	-	-	*
OCDD	8.67e+06	0.94 y	49:39	1.45	102		2.50	-	-	*
2,3,7,8-TCDF	5.38e+06	0.69 y	26:31	1.15	11.1		2.50	-	-	*
1,2,3,7,8-PeCDF	1.79e+07	1.62 y	31:21	0.89	53.5		2.50	-	-	*
2,3,4,7,8-PeCDF	1.70e+07	1.62 y	32:40	0.89	53.2		2.50	-	-	*
1,2,3,4,7,8-HxCDF	1.56e+07	1.23 y	37:05	1.01	50.0		2.50	-	-	*
1,2,3,6,7,8-HxCDF	1.77e+07	1.21 y	37:17	0.89	52.0		2.50	-	-	*
2,3,4,6,7,8-HxCDF	1.52e+07	1.20 y	38:13	1.02	50.3		2.50	-	-	*
1,2,3,7,8,9-HxCDF	1.81e+07	1.24 y	39:40	1.10	51.5		2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	1.15e+07	1.01 y	42:11	1.48	49.7		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	1.02e+07	1.03 y	45:01	1.43	51.6		2.50	-	-	*
OCDF	1.05e+07	0.91 y	50:01	0.84	104		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	2.33e+07	0.71 y	27:15	1.03	99.5					99.5
13C-1,2,3,7,8-PeCDD	2.48e+07	1.76 y	33:04	1.01	108					108
13C-1,2,3,4,7,8-HxCDD	1.86e+07	1.29 y	38:28	1.19	95.3					95.3
13C-1,2,3,6,7,8-HxCDD	1.60e+07	1.29 y	38:37	0.94	105					105
13C-1,2,3,4,6,7,8-HpCDD	1.35e+07	1.06 y	44:04	0.83	99.4					99.4
13C-OCDD	1.17e+07	0.97 y	49:37	0.61	118					58.9
13C-2,3,7,8-TCDF	4.22e+07	0.87 y	26:30	0.98	103					103
13C-1,2,3,7,8-PeCDF	3.79e+07	1.69 y	31:21	0.83	109					109
13C-2,3,4,7,8-PeCDF	3.57e+07	1.71 y	32:40	0.80	106					106
13C-1,2,3,4,7,8-HxCDF	3.09e+07	0.47 y	37:04	1.84	103					103
13C-1,2,3,6,7,8-HxCDF	3.82e+07	0.47 y	37:15	2.29	102					102
13C-2,3,4,6,7,8-HxCDF	2.97e+07	0.48 y	38:12	1.86	97.5					97.5
13C-1,2,3,7,8,9-HxCDF	3.18e+07	0.47 y	39:38	1.98	98.0					98.0
13C-1,2,3,4,6,7,8-HpCDF	1.56e+07	0.44 y	42:10	0.99	96.6					96.6
13C-1,2,3,4,7,8,9-HpCDF	1.38e+07	0.46 y	44:59	0.77	110					110
13C-OCDF	2.39e+07	0.96 y	50:00	1.17	125					62.6
37Cl-2,3,7,8-TCDD	6.32e+06		27:16	0.73	38.1					95.3
13C-1,2,3,4-TCDD	2.27e+07	0.71 y	26:41	-	59.8					
13C-1,2,3,4-TCDF	4.19e+07	0.87 y	25:25	-	58.2					
13C-1,2,3,7,8,9-HxCDD	1.64e+07	1.29 y	39:05	-	66.0					

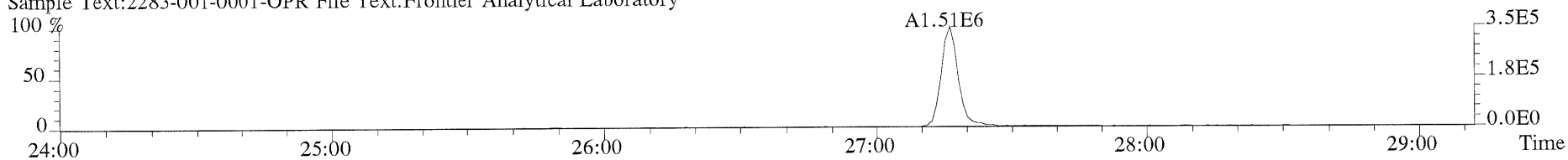
							Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	2.85e+06		23:15	1.13	10.8		2.50	-	-	*		30
Total Penta-Dioxins	1.28e+07		33:06	1.02	50.8		2.50	-	-	*		1
Total Hexa-Dioxins	3.93e+07		38:29	1.46	156		2.50	-	-	*		12
Total Hepta-Dioxins	9.47e+06		42:42	1.30	54.1		2.50	-	-	*		25
Total Tetra-Furans	5.54e+06		24:03	1.15	11.4		2.50	-	-	*		11
1st Fn. Tot Penta-Furans	1.13e+05		22:43	0.89	0.345		2.50	-	-	*	PeCDF	29
Total Penta-Furans	3.57e+07		30:06	0.89	109		2.50	-	-	*	109	16
Total Hexa-Furans	6.68e+07		35:24	1.00	205		2.50	-	-	*		14
Total Hepta-Furans	2.22e+07		42:11	1.46	104		2.50	-	-	*		25

Analyst: _____ Date: 5/9/11

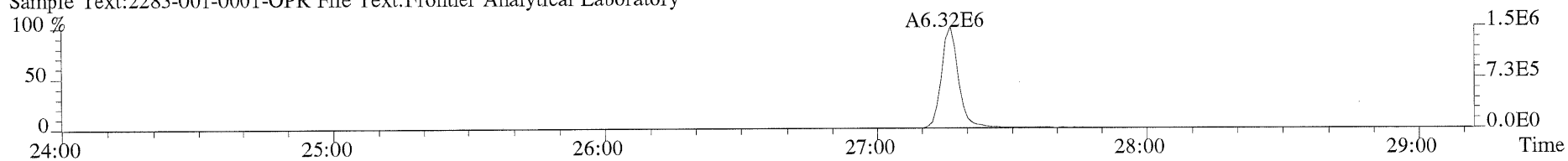
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



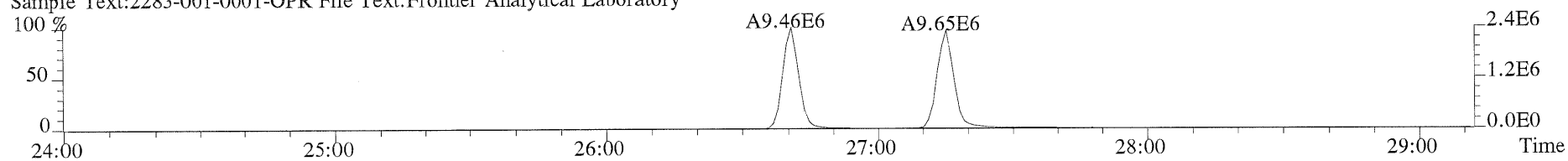
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



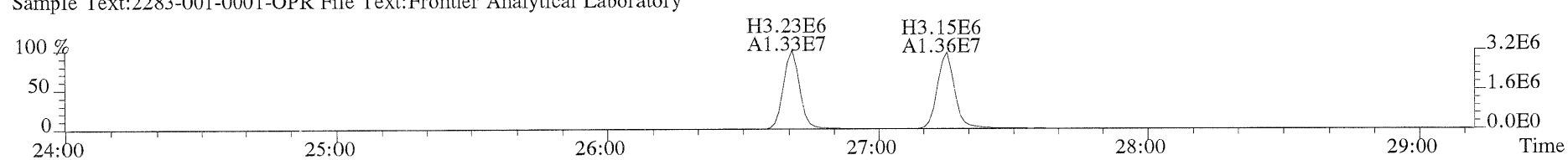
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



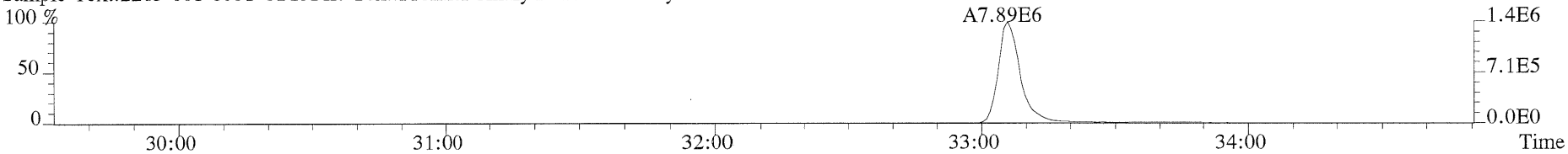
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



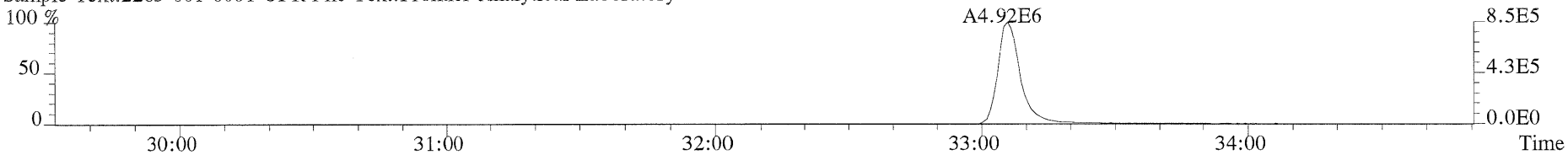
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



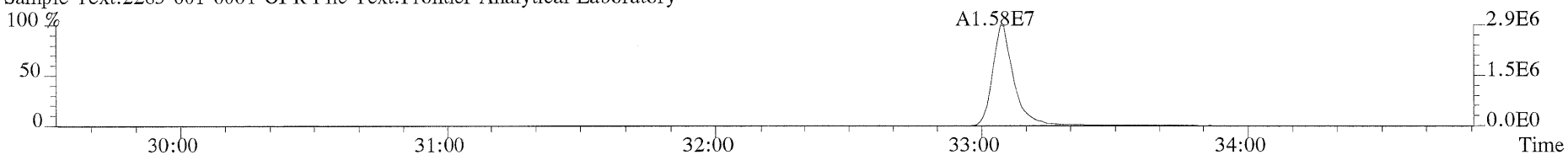
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



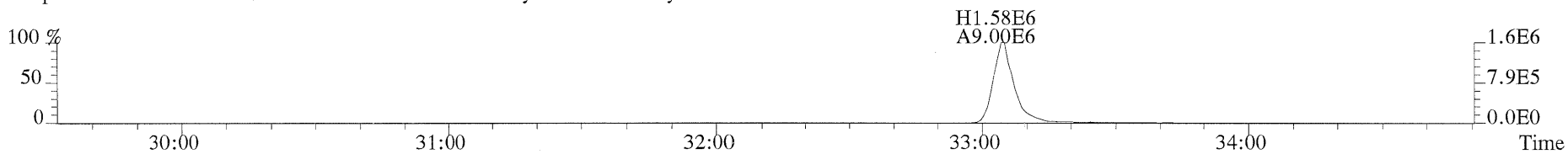
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



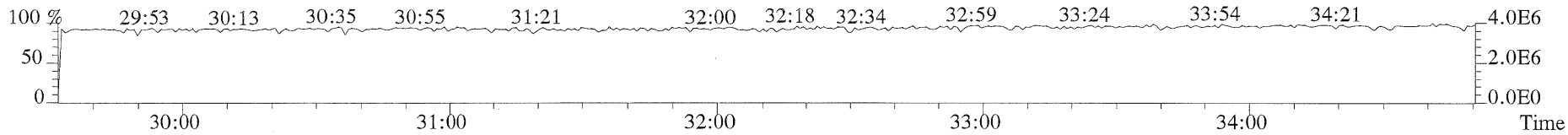
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



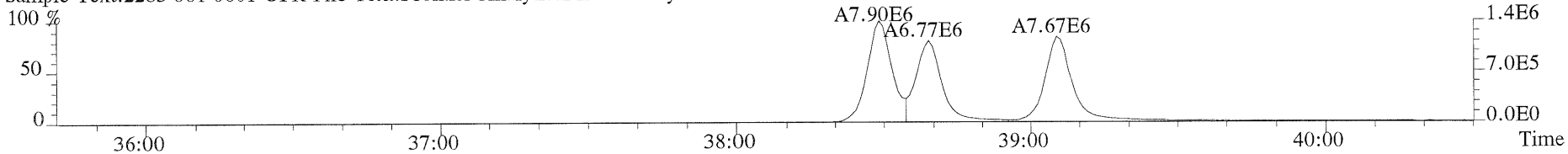
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



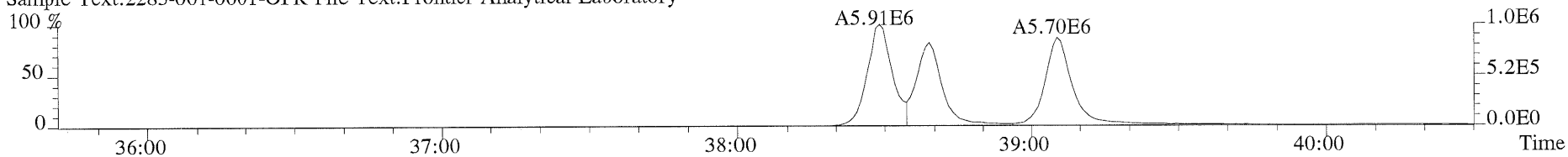
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:2 F:2 Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



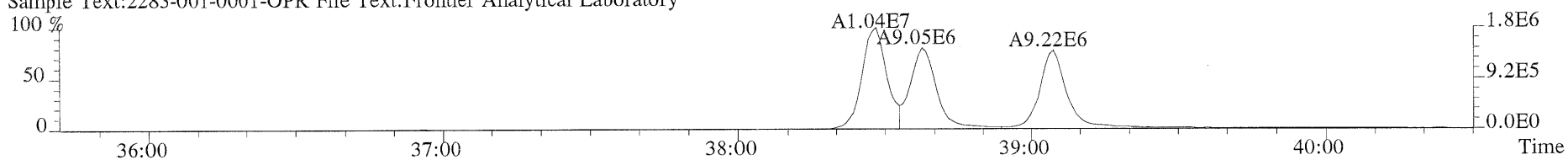
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



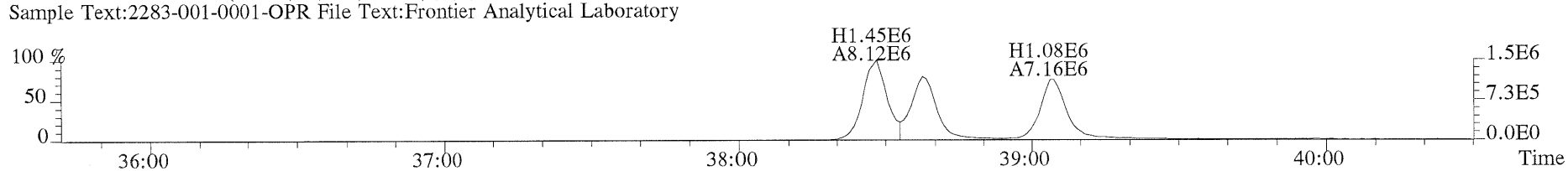
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



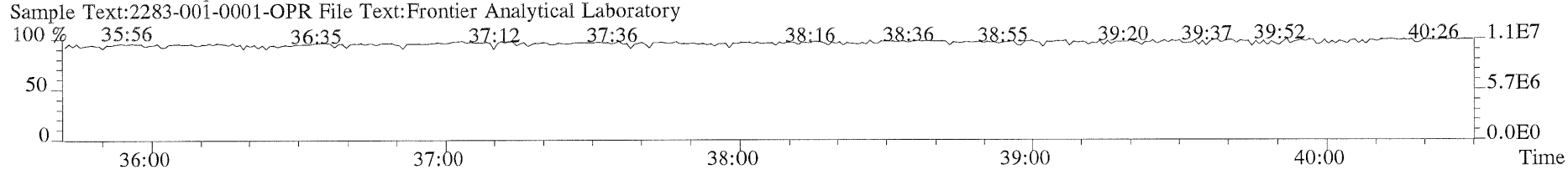
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



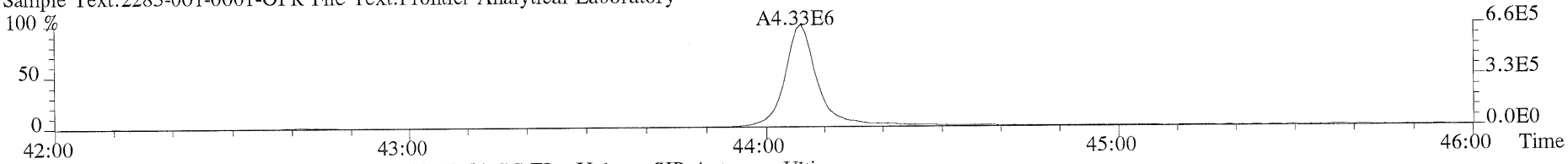
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



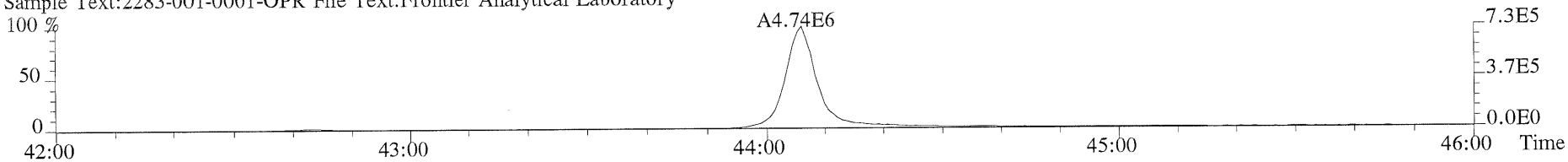
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:2 F:3 Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



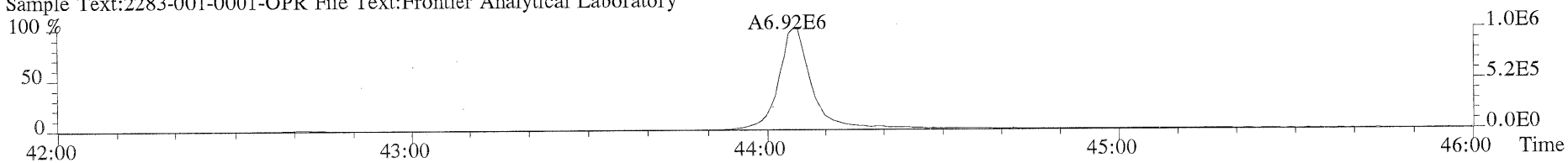
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



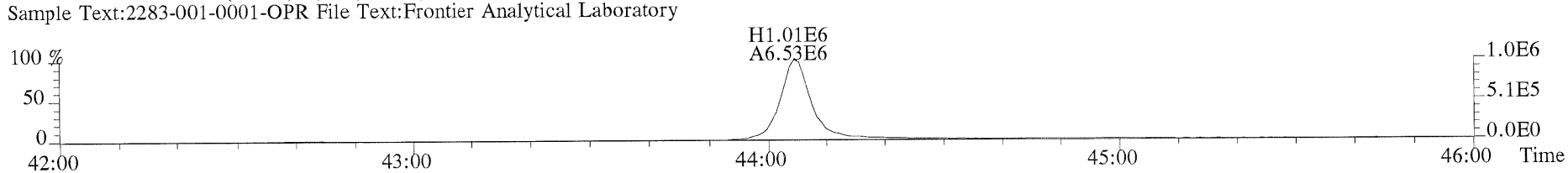
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



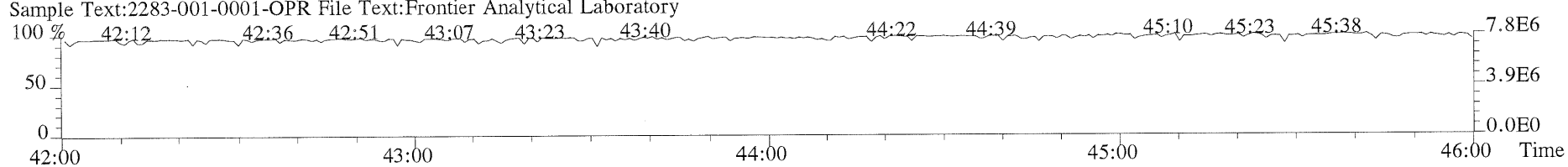
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



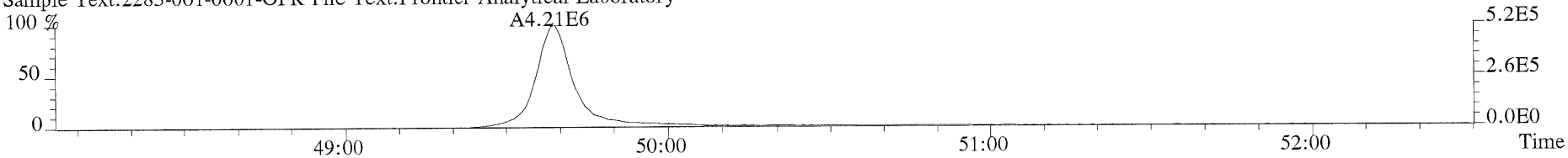
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:2 F:4 Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory

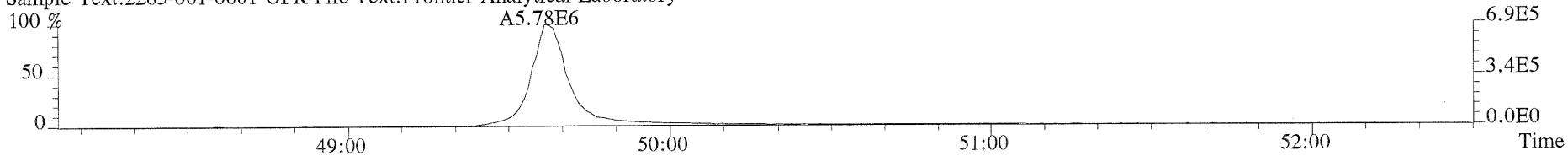


File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory

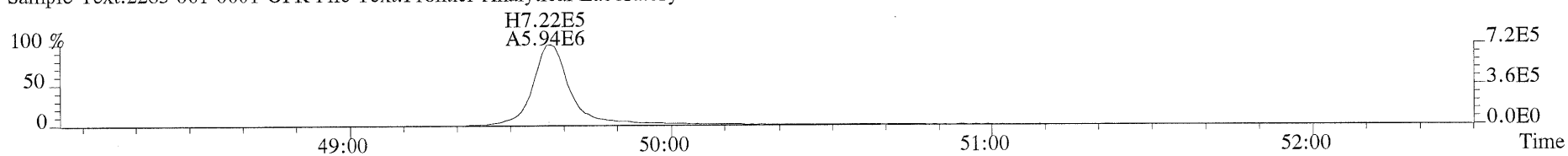


File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory

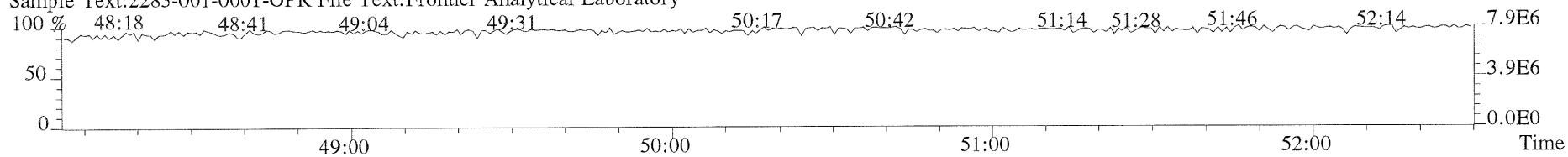
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



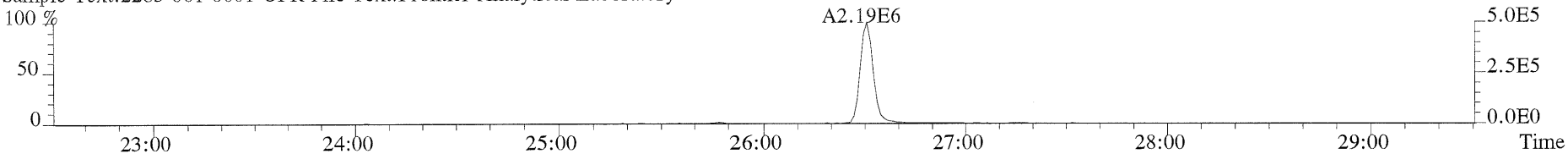
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



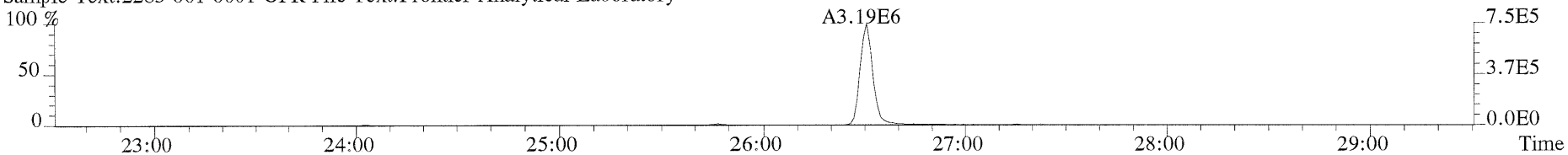
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:2 F:5 Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



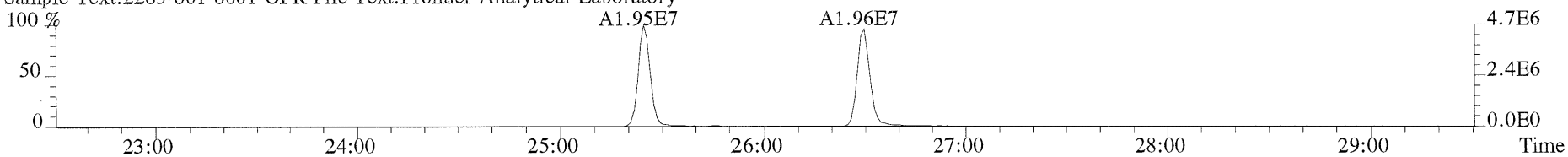
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



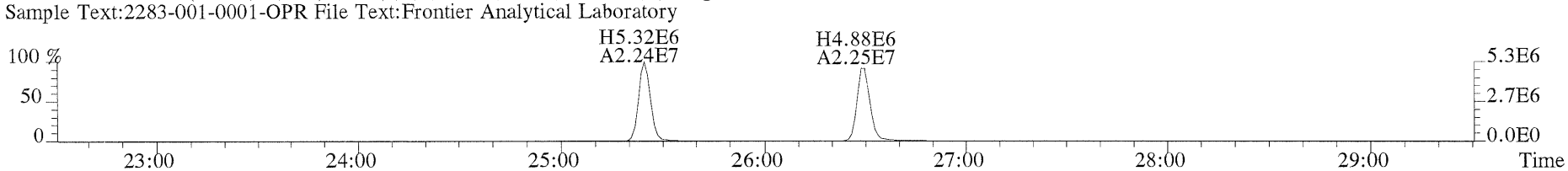
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



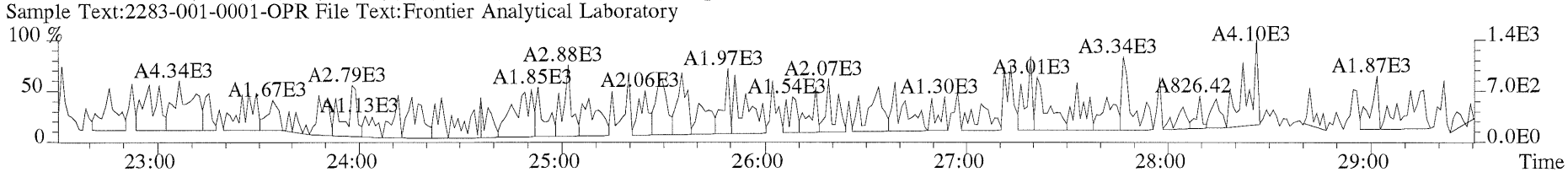
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



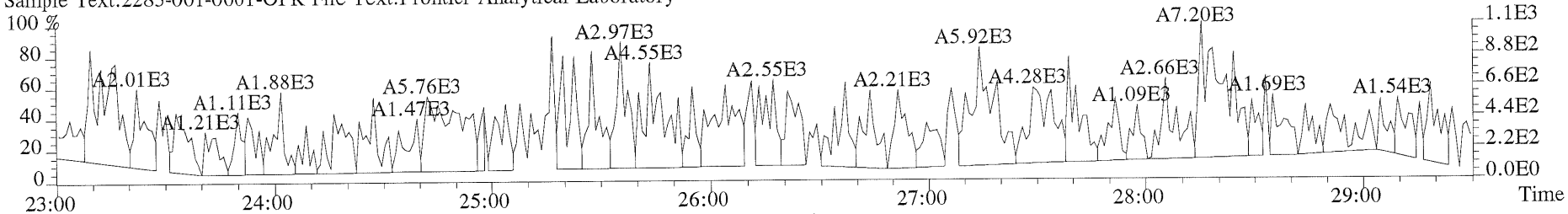
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



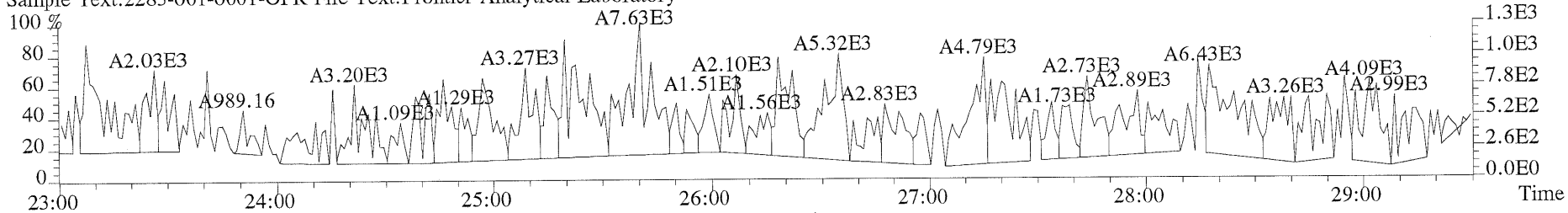
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



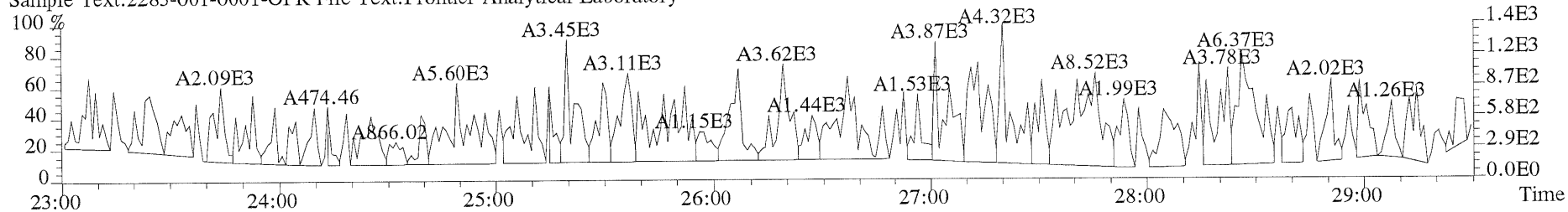
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



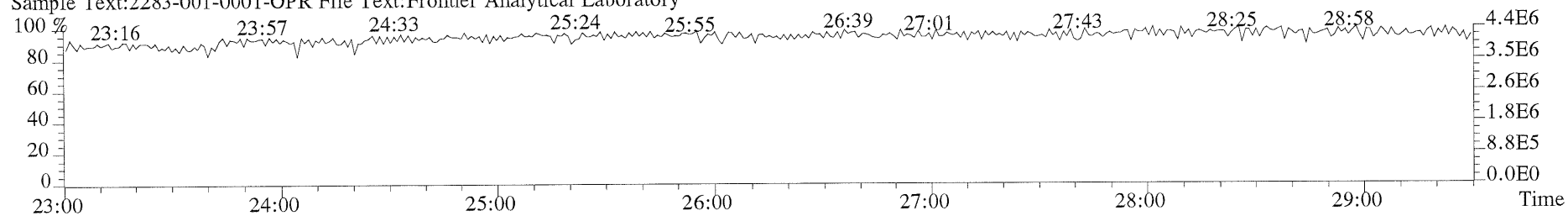
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



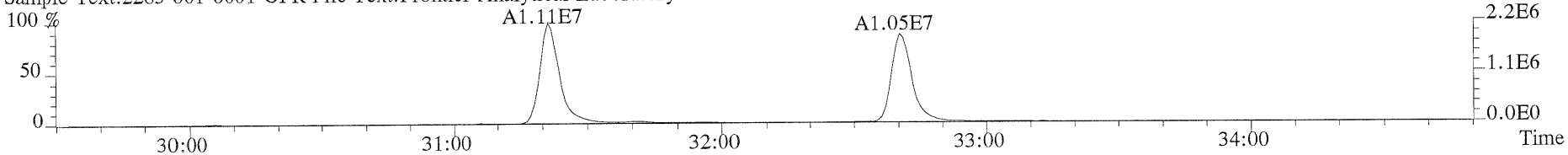
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



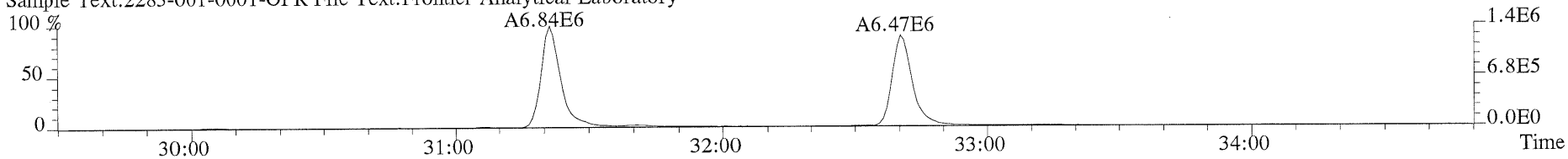
File:07MAY11M #1-426 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:2 Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



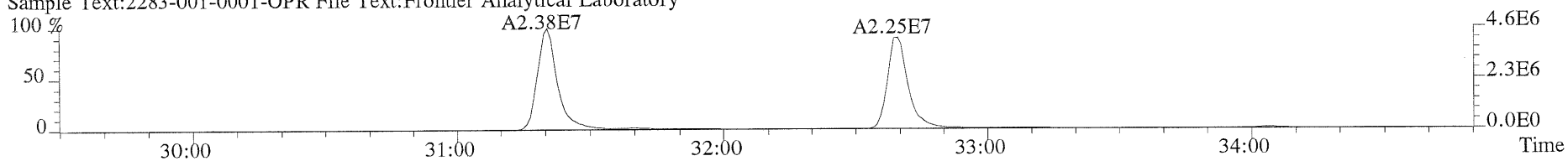
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



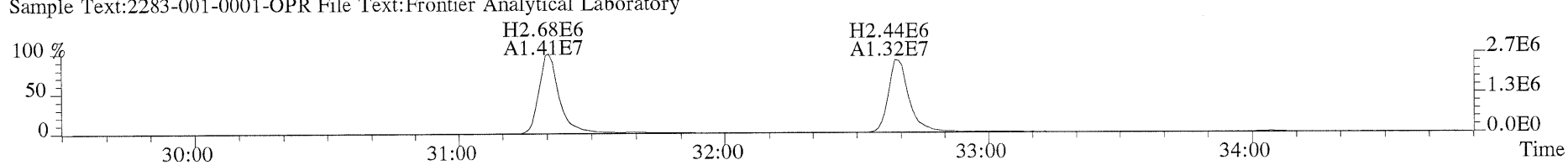
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



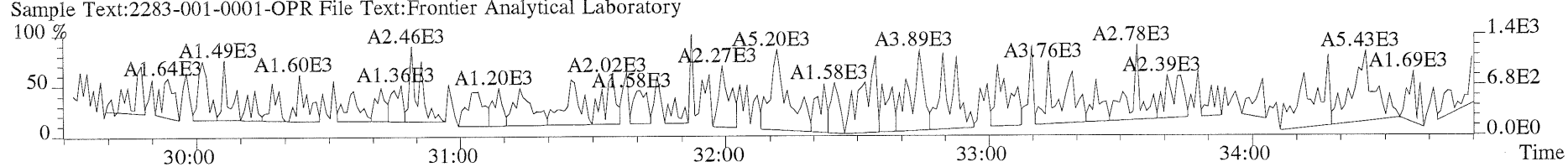
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



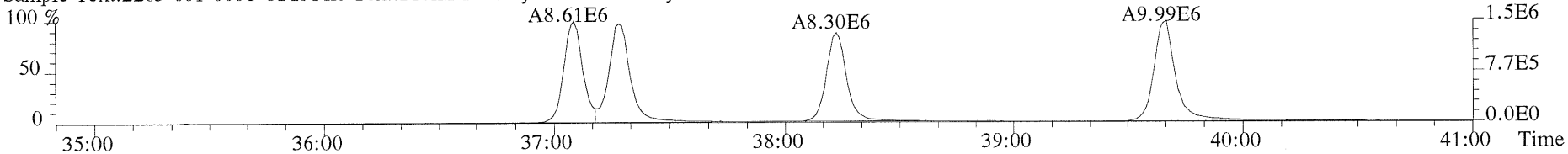
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



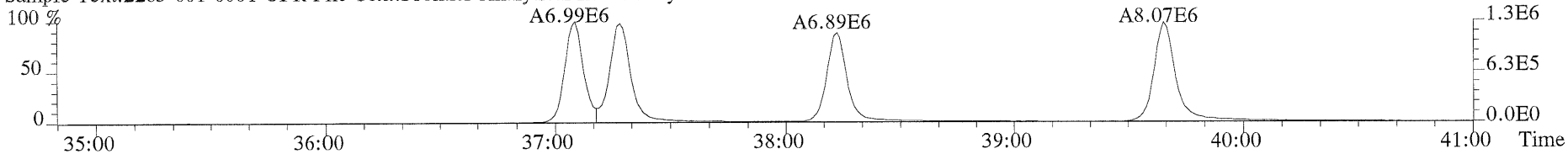
File:07MAY11M #1-412 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:2 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



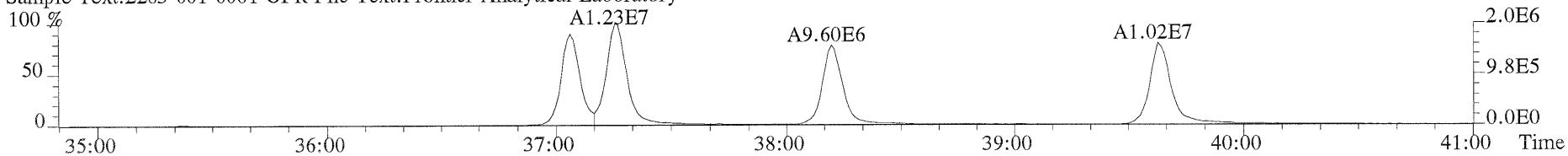
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



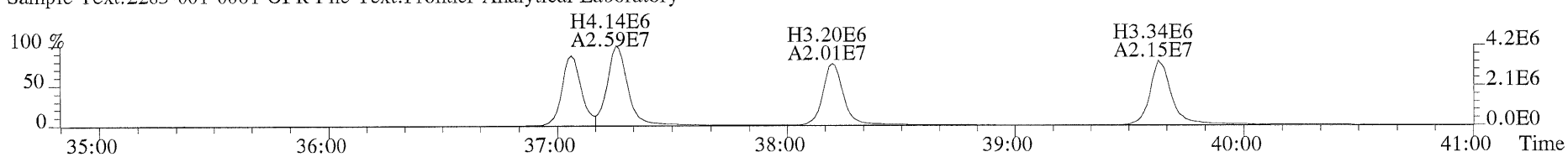
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



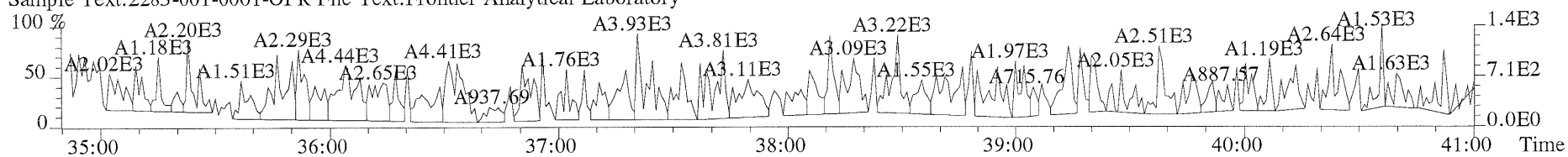
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



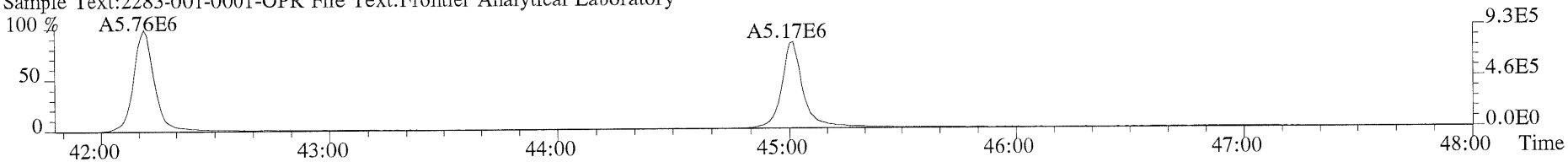
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



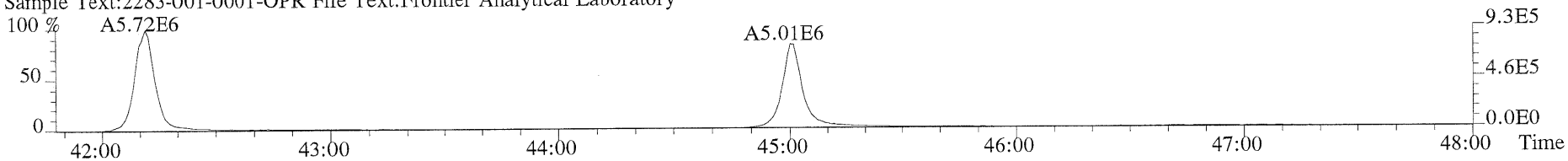
File:07MAY11M #1-477 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:2 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



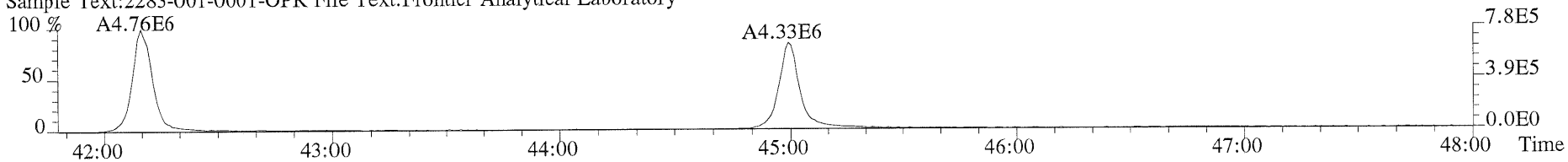
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



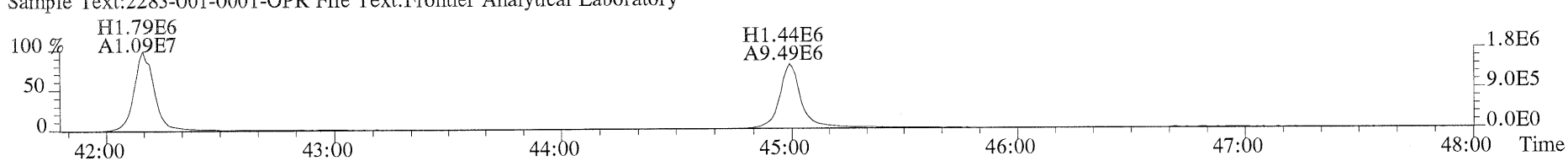
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



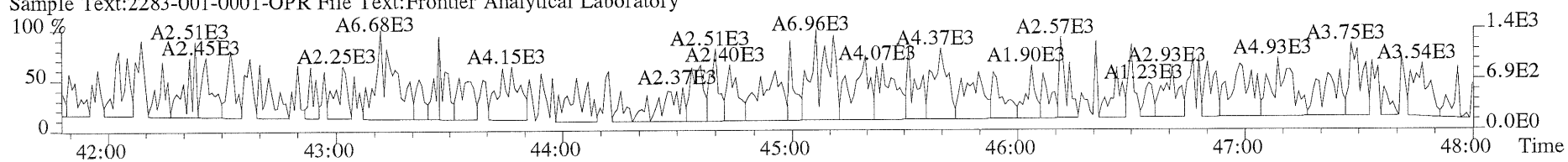
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



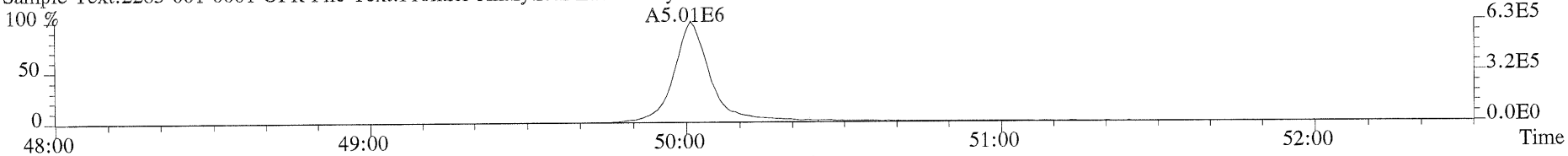
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



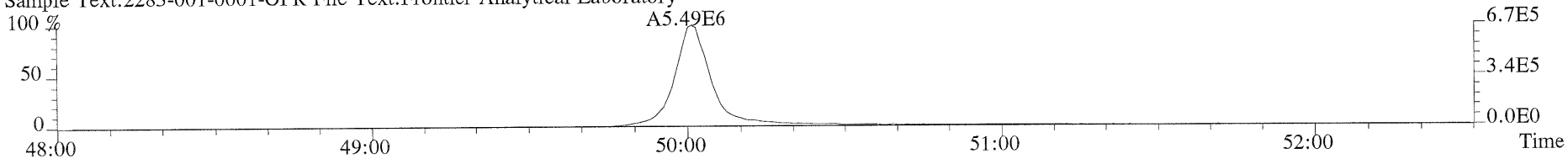
File:07MAY11M #1-541 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:2 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



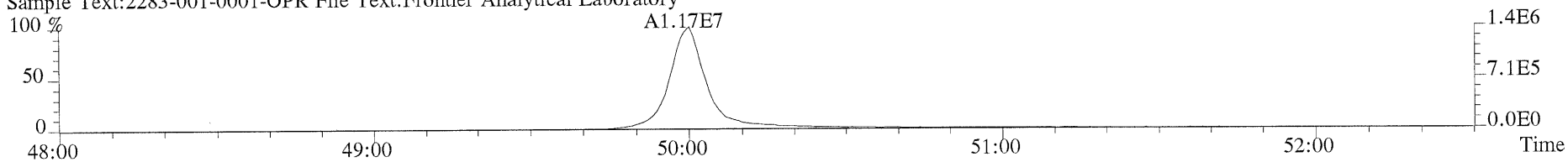
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



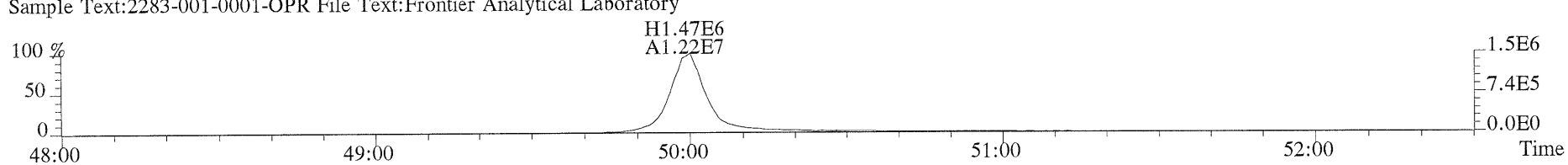
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



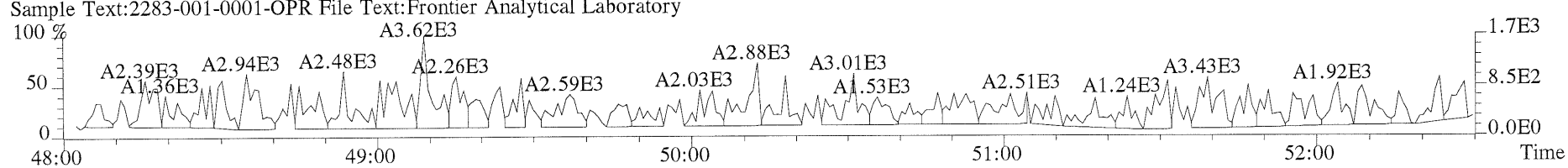
File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



File:07MAY11M #1-347 Acq: 7-MAY-2011 09:12:54 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:2 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:2283-001-0001-OPR File Text:Frontier Analytical Laboratory



FAL ID: 6733-001-0001-SA Filename: 04MAY11M Sam:12 Acquired: 4-MAY-11 18:51:22 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB6-0-0.5-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 5.030 NATO 1989 Tox: 44.6
WHO 1998 Tox: 38.6 WHO 2005 Tox: 40.4

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	8.76e+04	0.70 y	27:21	1.13	0.890	J	2.50	-	-	*
1,2,3,7,8-PeCDD	6.91e+05	1.47 y	33:09	1.02	7.97		2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.57e+06	1.29 y	38:31	1.45	15.9		2.50	-	-	*
1,2,3,6,7,8-HxCDD	3.96e+06	1.31 y	38:41	1.45	46.6		2.50	-	-	*
1,2,3,7,8,9-HxCDD	2.82e+06	1.25 y	39:07	1.47	30.3		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	1.01e+08	0.91 y	44:07	1.30	1330		2.50	-	-	*
OCDD	5.98e+08	0.94 y	49:41	1.45	10700		2.50	-	-	*
2,3,7,8-TCDF	7.84e+04	0.71 y	26:35	1.15	0.477	J	2.50	-	-	*
1,2,3,7,8-PeCDF	7.27e+04	1.53 y	31:26	0.89	0.617	J	2.50	-	-	*
2,3,4,7,8-PeCDF	2.27e+05	1.50 y	32:44	0.89	2.02	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	1.87e+06	1.21 y	37:08	1.01	17.2		2.50	-	-	*
1,2,3,6,7,8-HxCDF	6.95e+05	1.15 y	37:20	0.89	5.74		2.50	-	-	*
2,3,4,6,7,8-HxCDF	8.04e+05	1.19 y	38:16	1.02	7.35		2.50	-	-	*
1,2,3,7,8,9-HxCDF	2.04e+05	1.22 y	39:46	1.10	1.55	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	1.56e+07	1.06 y	42:14	1.48	173		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	6.71e+05	1.06 y	45:02	1.43	8.16		2.50	-	-	*
OCDF	2.43e+07	0.91 y	50:01	0.84	405		2.50	-	-	*

						Rec
13C-2,3,7,8-TCDD	3.45e+07	0.78 y	27:19	1.03	316	79.4
13C-1,2,3,7,8-PeCDD	3.39e+07	1.75 y	33:09	1.01	316	79.4
13C-1,2,3,4,7,8-HxCDD	2.71e+07	1.30 y	38:30	1.19	308	77.4
13C-1,2,3,6,7,8-HxCDD	2.32e+07	1.29 y	38:40	0.94	336	84.4
13C-1,2,3,4,6,7,8-HpCDD	2.33e+07	1.04 y	44:06	0.83	380	95.7
13C-OCDD	3.08e+07	0.96 y	49:39	0.61	686	86.3
13C-2,3,7,8-TCDF	5.69e+07	0.86 y	26:33	0.98	331	83.1
13C-1,2,3,7,8-PeCDF	5.29e+07	1.68 y	31:25	0.83	363	91.3
13C-2,3,4,7,8-PeCDF	4.99e+07	1.67 y	32:43	0.80	353	88.9
13C-1,2,3,4,7,8-HxCDF	4.29e+07	0.47 y	37:07	1.84	315	79.2
13C-1,2,3,6,7,8-HxCDF	5.40e+07	0.46 y	37:18	2.29	318	80.1
13C-2,3,4,6,7,8-HxCDF	4.27e+07	0.48 y	38:15	1.86	310	78.0
13C-1,2,3,7,8,9-HxCDF	4.75e+07	0.46 y	39:41	1.98	324	81.5
13C-1,2,3,4,6,7,8-HpCDF	2.42e+07	0.45 y	42:12	0.99	331	83.3
13C-1,2,3,4,7,8,9-HpCDF	2.29e+07	0.45 y	45:01	0.77	404	102
13C-OCDF	5.65e+07	0.94 y	50:01	1.17	656	82.5
37Cl-2,3,7,8-TCDD	9.36e+06		27:20	0.73	121	75.9

13C-1,2,3,4-TCDD	4.23e+07	0.77 y	26:45	-	22.1
13C-1,2,3,4-TCDF	6.99e+07	0.89 y	25:29	-	19.3
13C-1,2,3,7,8,9-HxCDD	2.94e+07	1.28 y	39:07	-	23.6

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	2.99e+05		24:21	1.13	3.04	2.50	-	-	*		4
Total Penta-Dioxins	2.56e+06		30:11	1.02	29.5	2.50	-	-	*		10
Total Hexa-Dioxins	2.02e+07		36:04	1.46	221	2.50	-	-	*		7
Total Hepta-Dioxins	1.63e+08		42:44	1.30	2140	2.50	-	-	*		2
Total Tetra-Furans	1.57e+06		23:21	1.15	9.56	2.50	-	-	*		12
1st Fn. Tot Penta-Furans	1.52e+06		28:24	0.89	13.2	2.50	-	-	*	PeCDF	1
Total Penta-Furans	2.76e+06		30:01	0.89	24.0	2.50	-	-	*	37.2	9
Total Hexa-Furans	2.06e+07		35:11	1.00	176	2.50	-	-	*		9
Total Hepta-Furans	4.43e+07		42:14	1.46	506	2.50	-	-	*		4

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 20 File: 04MAY11M S: 12 I: 1 F: 1
Acquired: 4-MAY-11 18:51:22

Total Concentration: 3.04 Unnamed Concentration: 2.149

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:21	3.50e+04	4.70e+04	0.75 y	8.20e+04	0.833	
24:36	2.38e+04	3.52e+04	0.68 y	5.89e+04	0.599	
25:53	3.05e+04	4.00e+04	0.76 y	7.06e+04	0.717	
27:21	3.61e+04	5.14e+04	0.70 y	8.76e+04	0.890	2,3,7,8-TCDD

Totals class: Total Penta-Dioxins Entry #: 39

Run: 20 File: 04MAY11M S: 12 I: 1 F: 2
Acquired: 4-MAY-11 18:51:22

Total Concentration: 29.5 Unnamed Concentration: 21.541

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	2.86e+05	2.08e+05	1.38	y	4.93e+05	5.69	
30:49	4.54e+04	2.95e+04	1.54	y	7.49e+04	0.865	
31:26	1.17e+05	7.41e+04	1.58	y	1.91e+05	2.21	
31:39	2.71e+05	1.76e+05	1.55	y	4.47e+05	5.16	
31:47	1.36e+05	9.85e+04	1.38	y	2.34e+05	2.71	
32:04	1.16e+05	7.69e+04	1.50	y	1.93e+05	2.22	
32:33	2.40e+04	1.53e+04	1.56	y	3.93e+04	0.453	
33:09	4.11e+05	2.80e+05	1.47	y	6.91e+05	7.97	1,2,3,7,8-PeCDD
33:16	6.06e+04	4.07e+04	1.49	y	1.01e+05	1.17	
33:44	5.38e+04	3.85e+04	1.40	y	9.23e+04	1.07	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 20 File: 04MAY11M S: 12 I: 1 F: 3
Acquired: 4-MAY-11 18:51:22

Total Concentration: 221 Unnamed Concentration: 128.612

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
36:04	1.86e+06	1.42e+06	1.31 y	3.28e+06	35.6	
37:00	3.85e+05	2.88e+05	1.33 y	6.73e+05	7.30	
37:25	4.33e+06	3.31e+06	1.31 y	7.64e+06	82.8	
38:31	8.84e+05	6.83e+05	1.29 y	1.57e+06	15.9	1,2,3,4,7,8-HxCDD
38:41	2.25e+06	1.72e+06	1.31 y	3.96e+06	46.6	1,2,3,6,7,8-HxCDD
38:59	1.54e+05	1.21e+05	1.27 y	2.75e+05	2.98	
39:07	1.57e+06	1.25e+06	1.25 y	2.82e+06	30.3	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 20 File: 04MAY11M S: 12 I: 1 F: 4
Acquired: 4-MAY-11 18:51:22

Total Concentration: 2140 Unnamed Concentration: 805.720

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:44	2.89e+07	3.24e+07	0.89 y	6.13e+07	806	
44:07	4.83e+07	5.31e+07	0.91 y	1.01e+08	1330	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 20 File: 04MAY11M S: 12 I: 1 F: 1
Acquired: 4-MAY-11 18:51:22

Total Concentration: 9.56 Unnamed Concentration: 9.083

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:21	2.60e+04	3.83e+04	0.68	y	6.43e+04	0.391	
23:44	1.37e+05	2.08e+05	0.66	y	3.45e+05	2.10	
24:07	6.19e+04	9.45e+04	0.66	y	1.56e+05	0.952	
24:22	6.48e+04	9.64e+04	0.67	y	1.61e+05	0.981	
24:40	6.29e+04	9.56e+04	0.66	y	1.59e+05	0.964	
25:16	3.00e+04	4.11e+04	0.73	y	7.11e+04	0.433	
25:22	6.84e+04	1.01e+05	0.68	y	1.69e+05	1.03	
25:30	4.71e+04	6.90e+04	0.68	y	1.16e+05	0.707	
25:52	2.93e+04	3.43e+04	0.85	y	6.35e+04	0.387	
26:35	3.26e+04	4.57e+04	0.71	y	7.84e+04	0.477	2,3,7,8-TCDF
26:54	4.25e+04	5.33e+04	0.80	y	9.58e+04	0.583	
28:25	3.74e+04	5.45e+04	0.69	y	9.19e+04	0.559	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 20 File: 04MAY11M S: 12 I: 1 F: 1
Acquired: 4-MAY-11 18:51:22

Total Concentration: 13.2 Unnamed Concentration: 13.190

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	9.11e+05	6.06e+05	1.50 y	1.52e+06	13.2	

Totals class: Total Penta-Furans Entry #: 44

Run: 20 File: 04MAY11M S: 12 I: 1 F: 2
Acquired: 4-MAY-11 18:51:22

Total Concentration: 24.0 Unnamed Concentration: 21.376

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:01	8.36e+04	5.61e+04	1.49	y	1.40e+05	1.21	
30:11	8.82e+05	5.44e+05	1.62	y	1.43e+06	12.4	
30:53	2.07e+05	1.34e+05	1.54	y	3.41e+05	2.97	
31:11	4.30e+04	2.81e+04	1.53	y	7.11e+04	0.618	
31:26	4.40e+04	2.87e+04	1.53	y	7.27e+04	0.617	1,2,3,7,8-PeCDF
31:47	1.29e+05	8.51e+04	1.52	y	2.14e+05	1.86	
32:36	2.32e+04	1.53e+04	1.52	y	3.84e+04	0.334	
32:44	1.36e+05	9.06e+04	1.50	y	2.27e+05	2.02	2,3,4,7,8-PeCDF
32:47	1.43e+05	8.49e+04	1.68	y	2.28e+05	1.98	

Totals class: Total Hexa-Furans Entry #: 45

Run: 20 File: 04MAY11M S: 12 I: 1 F: 3
Acquired: 4-MAY-11 18:51:22

Total Concentration: 176 Unnamed Concentration: 144.522

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:11	1.05e+06	8.76e+05	1.20 y	1.93e+06	16.4	
35:27	3.83e+06	3.15e+06	1.22 y	6.99e+06	59.3	
36:03	8.07e+04	7.24e+04	1.11 y	1.53e+05	1.30	
36:22	4.27e+06	3.45e+06	1.24 y	7.72e+06	65.6	
36:59	1.22e+05	1.04e+05	1.18 y	2.26e+05	1.92	
37:08	1.02e+06	8.49e+05	1.21 y	1.87e+06	17.2	1,2,3,4,7,8-HxCDF
37:20	3.72e+05	3.23e+05	1.15 y	6.95e+05	5.74	1,2,3,6,7,8-HxCDF
38:16	4.36e+05	3.68e+05	1.19 y	8.04e+05	7.35	2,3,4,6,7,8-HxCDF
39:46	1.13e+05	9.19e+04	1.22 y	2.04e+05	1.55	1,2,3,7,8,9-HxCDF

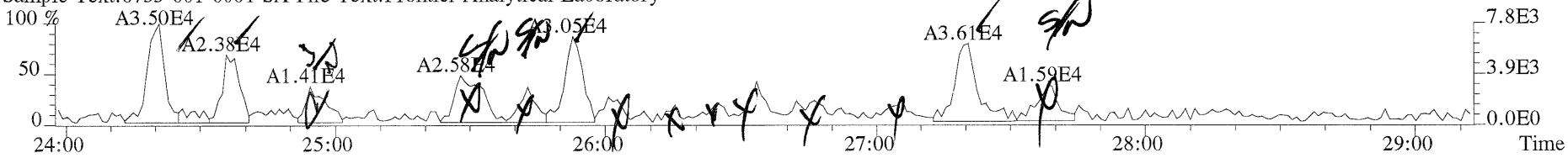
Totals class: Total Hepta-Furans Entry #: 46

Run: 20 File: 04MAY11M S: 12 I: 1 F: 4
Acquired: 4-MAY-11 18:51:22

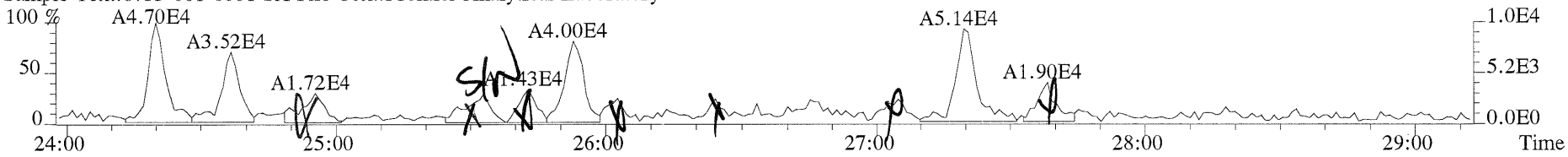
Total Concentration: 506 Unnamed Concentration: 325.079

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	8.02e+06	7.54e+06	1.06 y	1.56e+07	173	1,2,3,4,6,7,8-HpCDF
42:45	1.05e+05	9.56e+04	1.10 y	2.00e+05	2.32	
43:02	1.42e+07	1.36e+07	1.05 y	2.79e+07	323	
45:02	3.45e+05	3.26e+05	1.06 y	6.71e+05	8.16	1,2,3,4,7,8,9-HpCDF

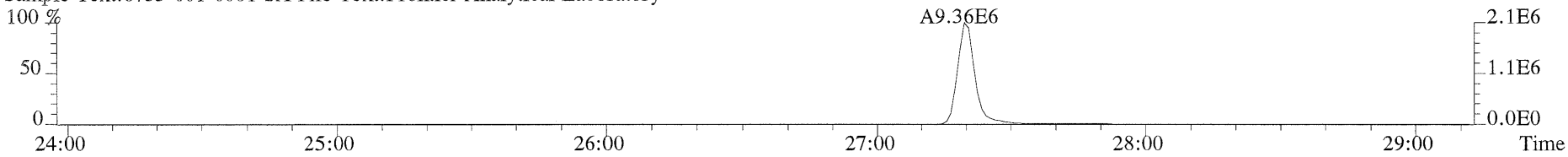
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



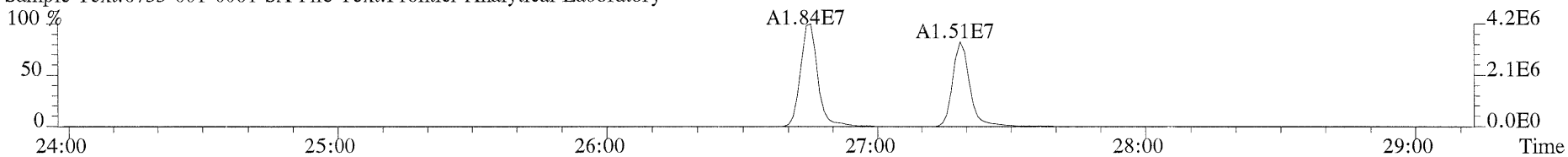
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



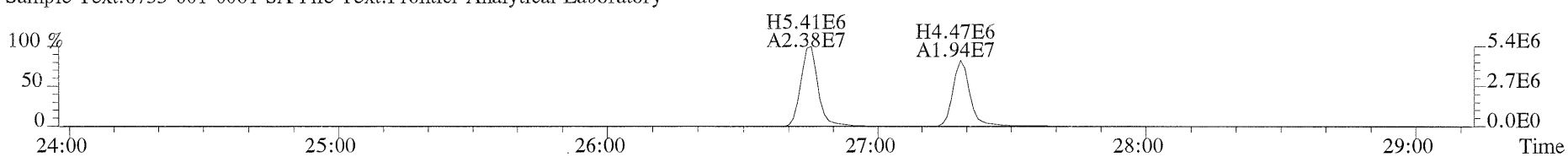
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



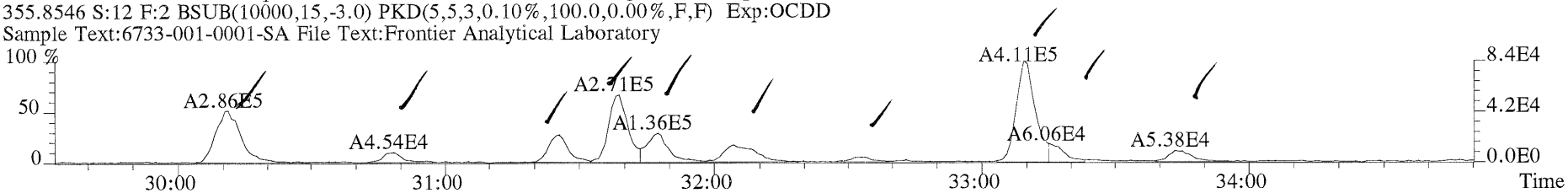
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



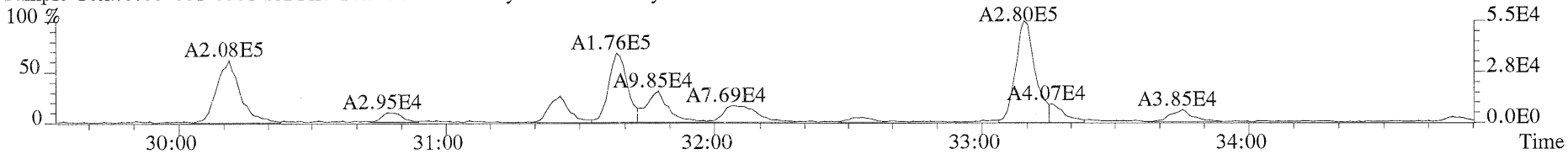
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



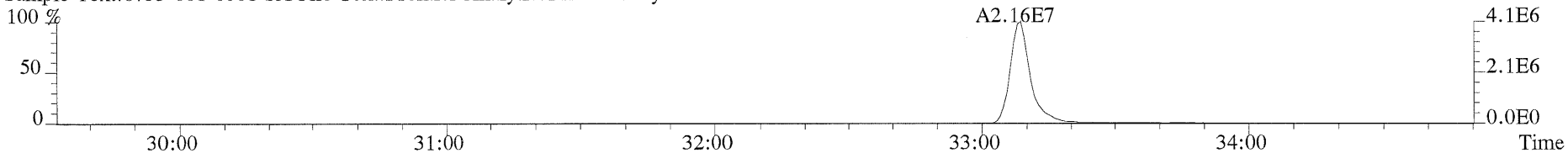
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



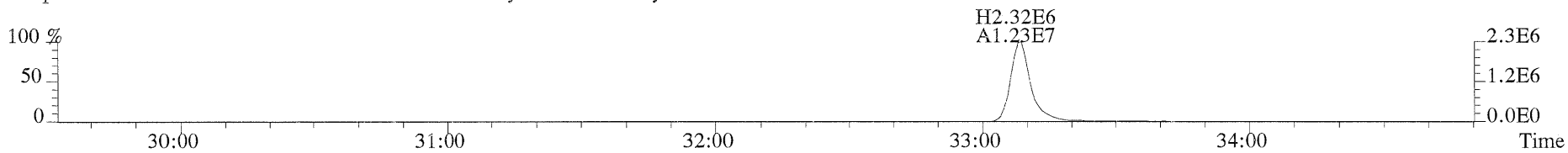
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



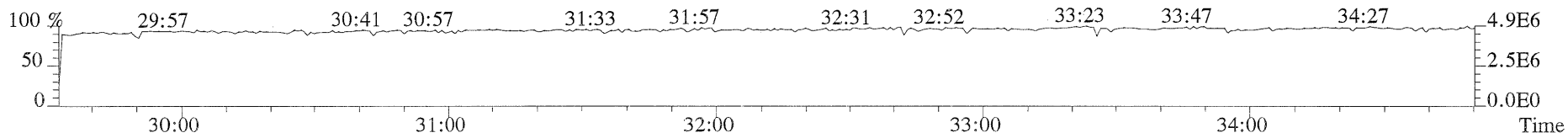
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



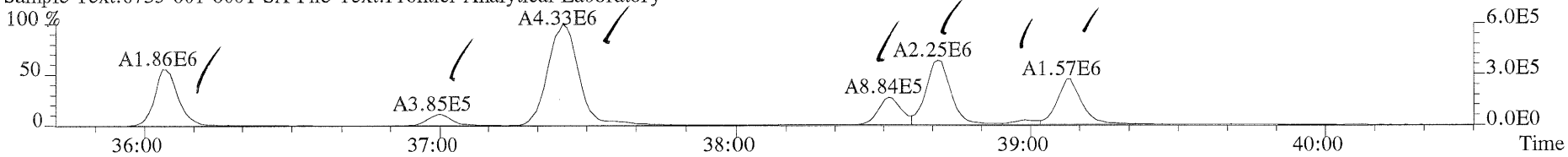
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



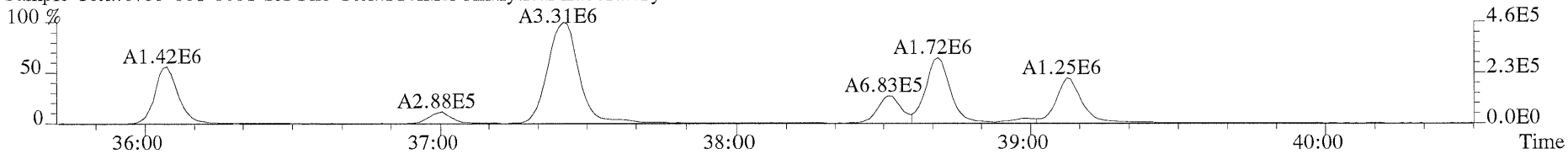
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:12 F:2 Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



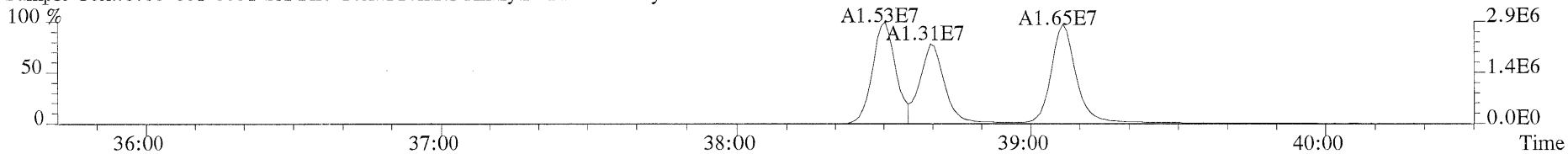
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



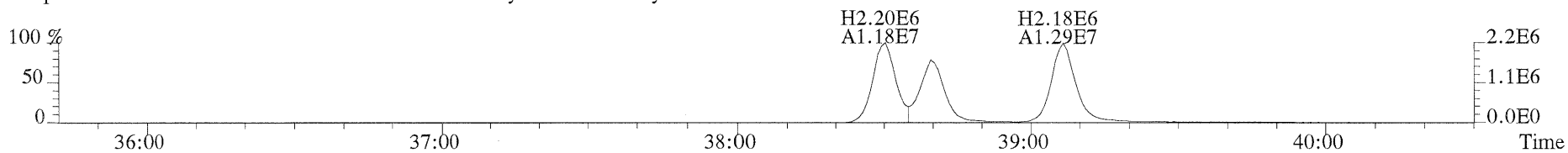
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



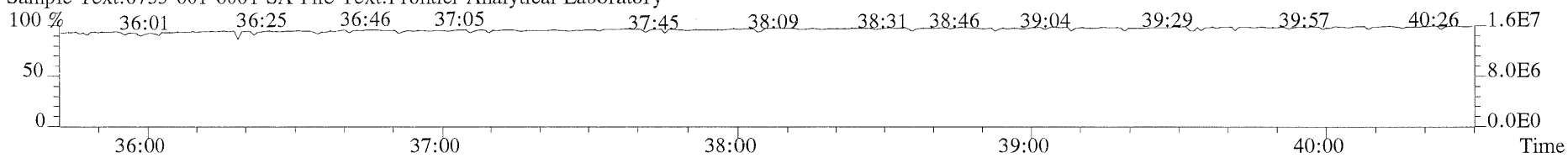
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



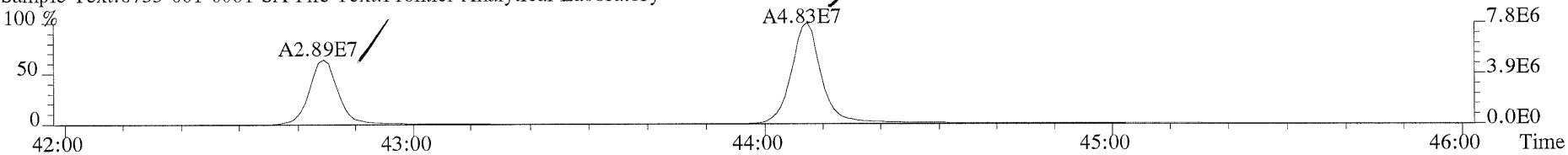
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



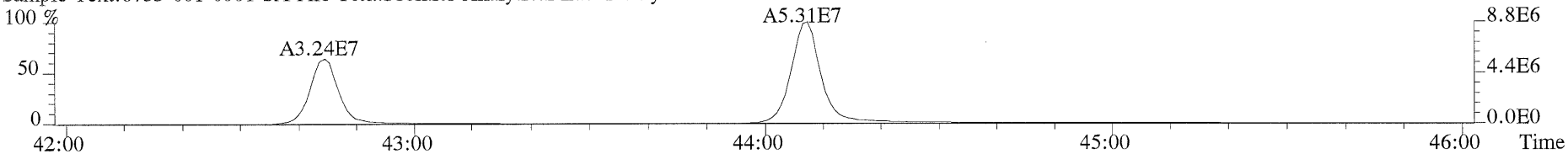
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:12 F:3 Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



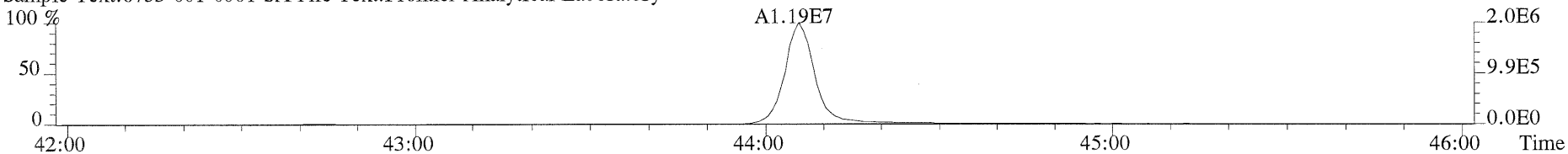
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



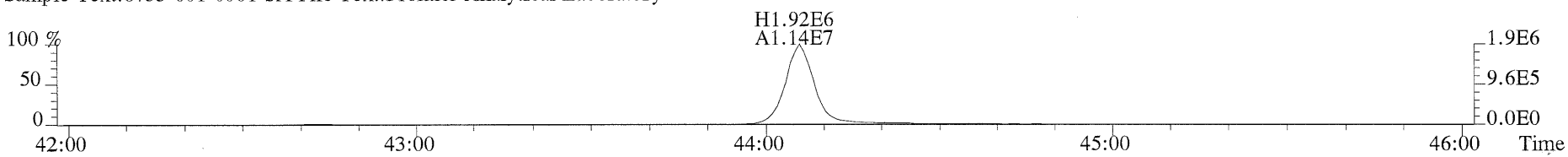
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



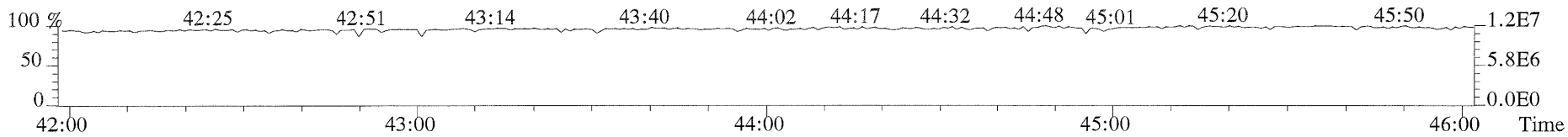
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



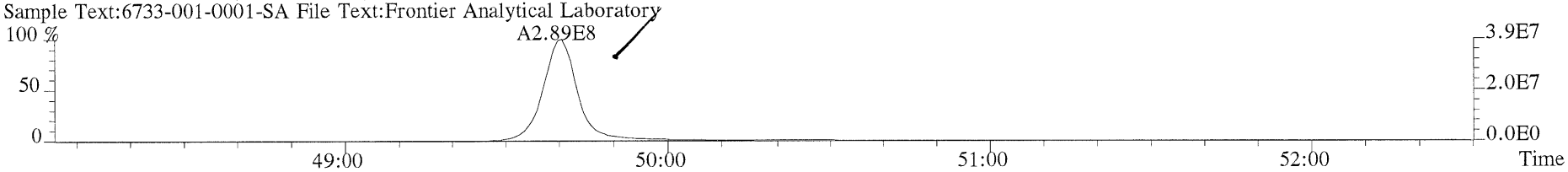
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



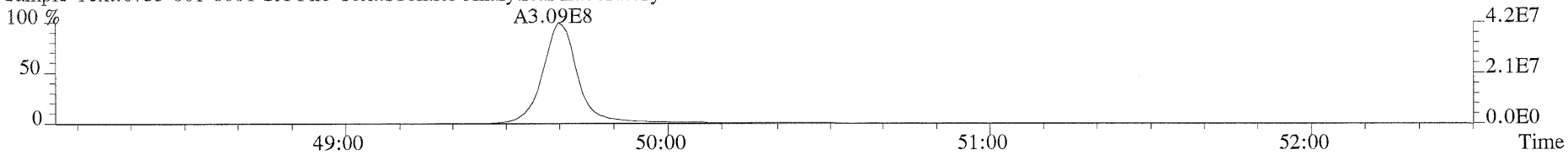
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:12 F:4 Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



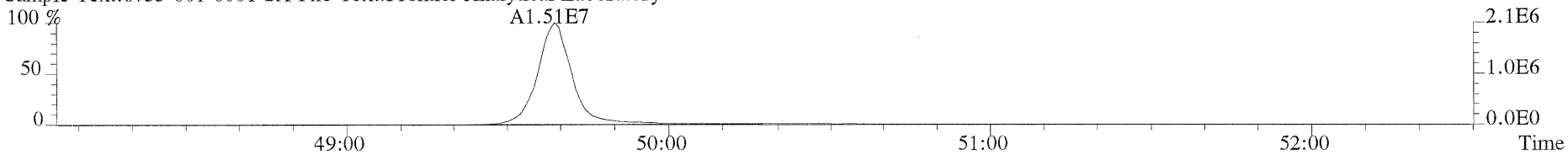
File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



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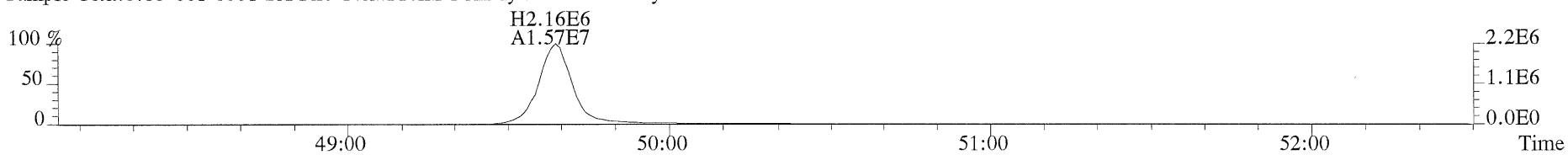
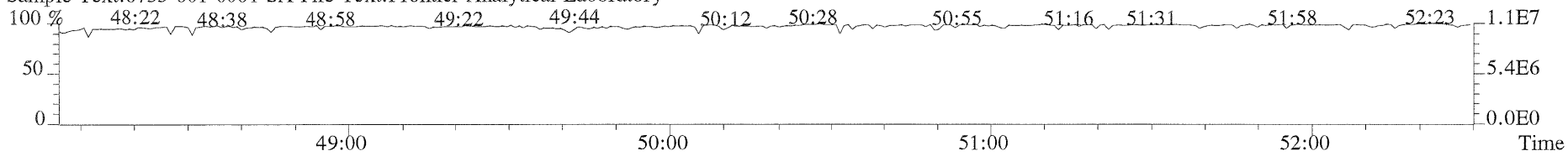
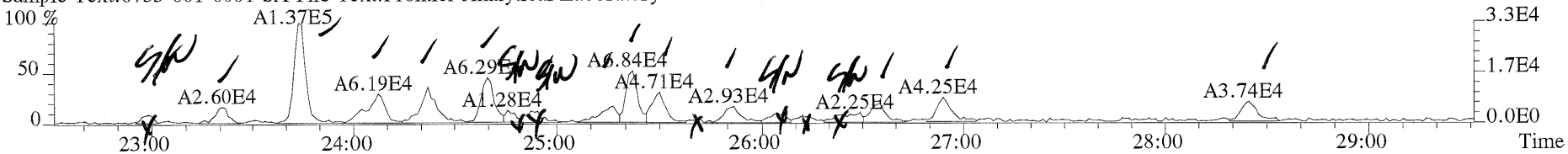
471.7750 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



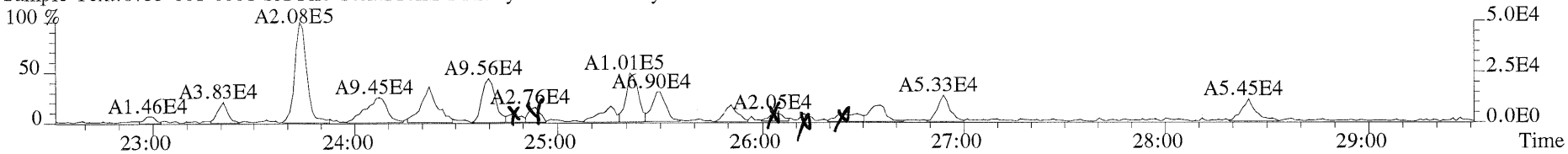
File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:12 F:5 Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



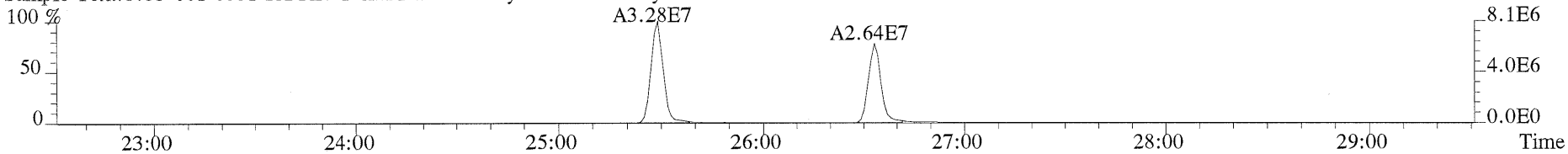
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



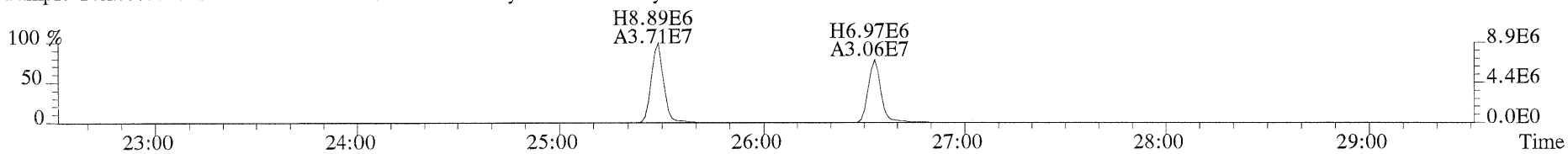
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



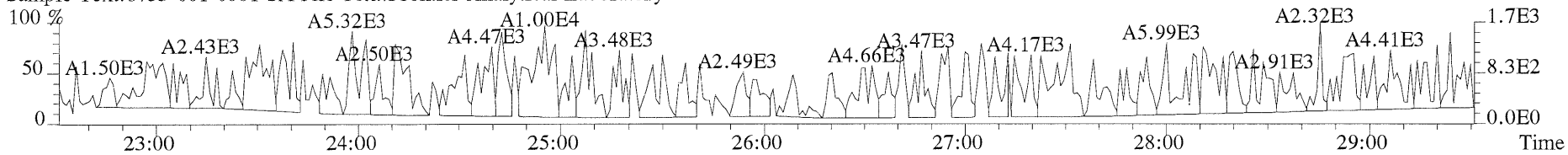
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



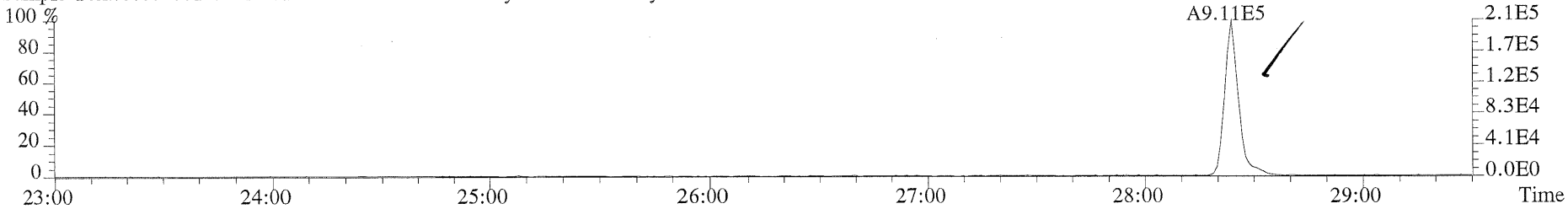
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



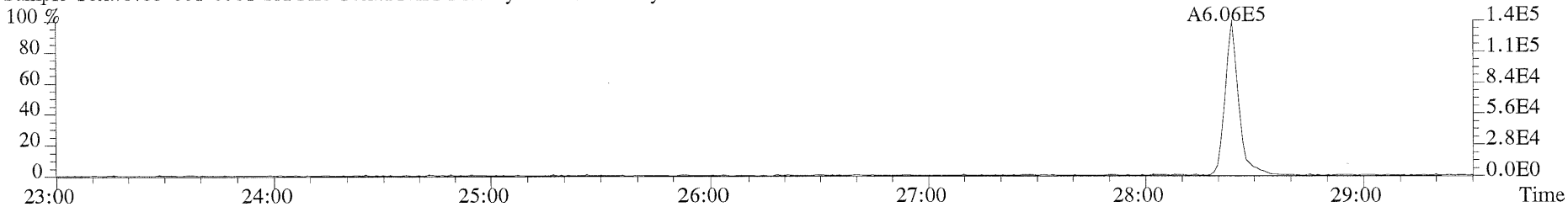
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



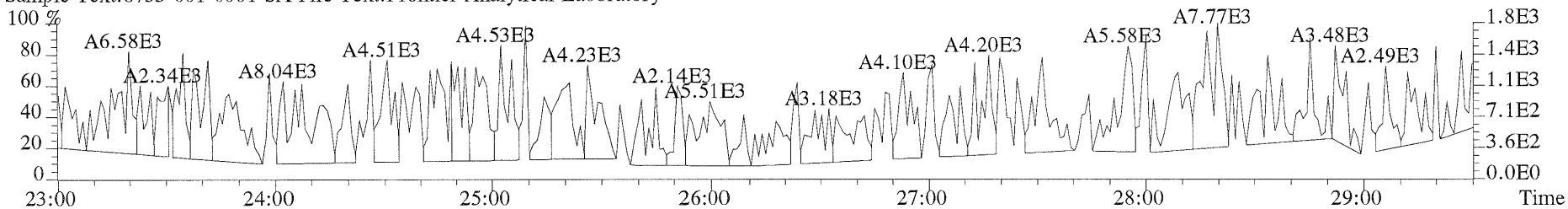
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



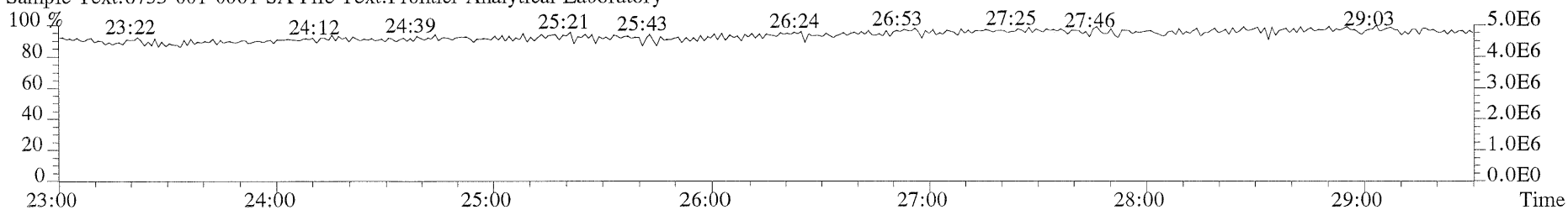
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



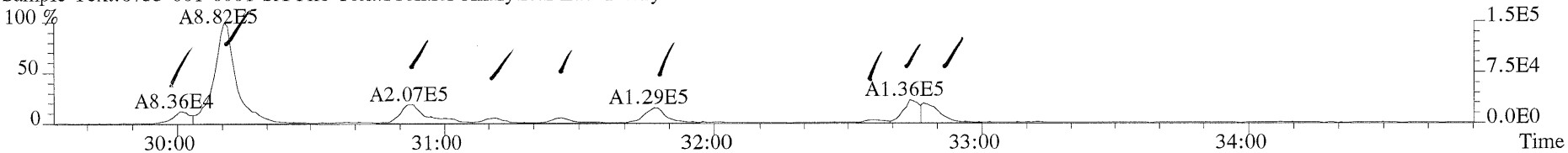
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:12 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



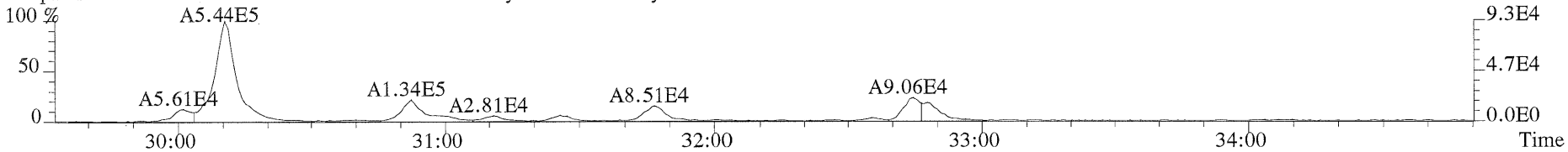
File:04MAY11M #1-426 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:12 Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



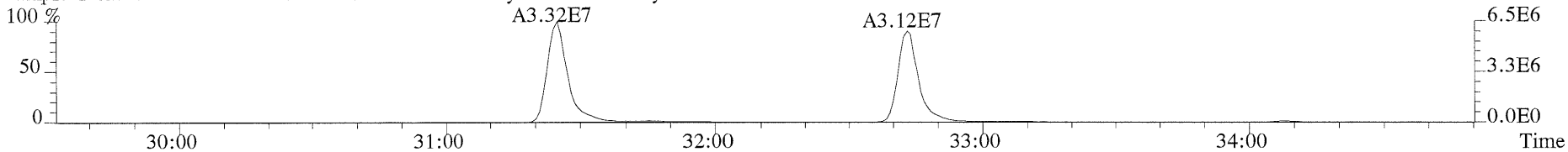
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



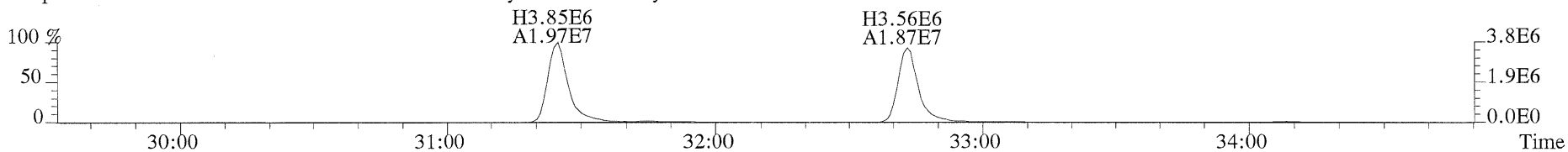
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



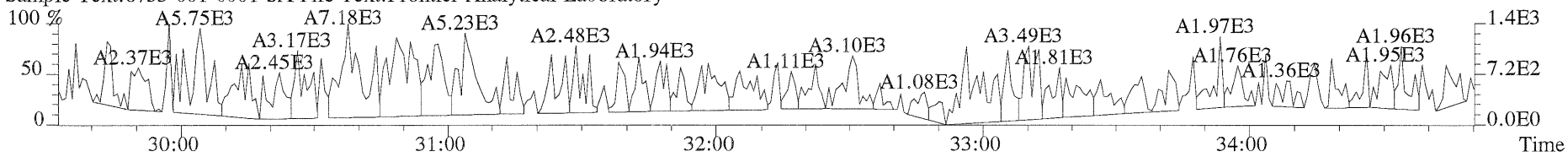
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



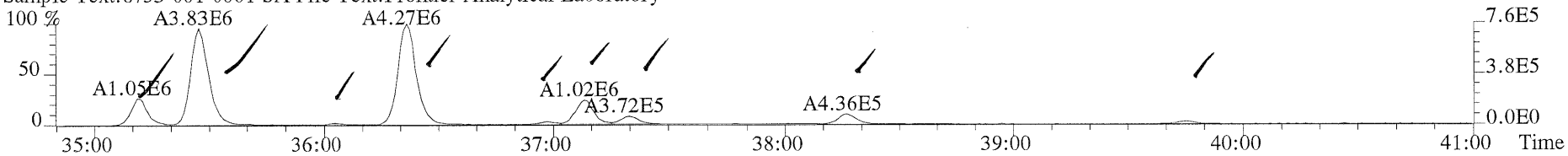
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



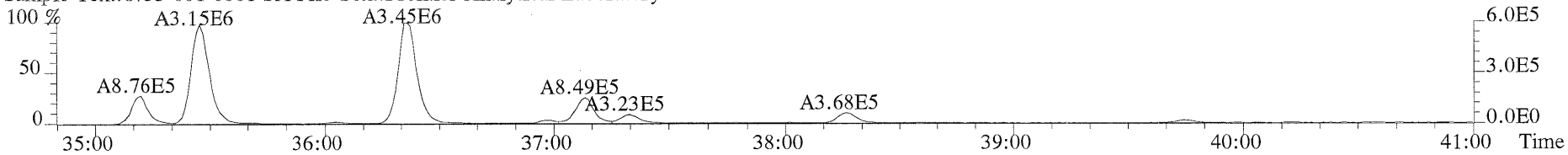
File:04MAY11M #1-411 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:12 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



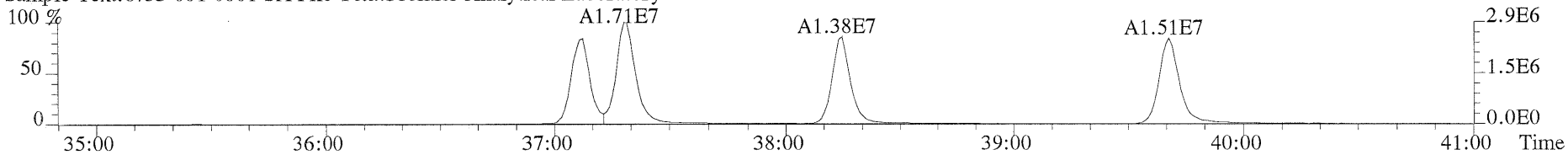
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



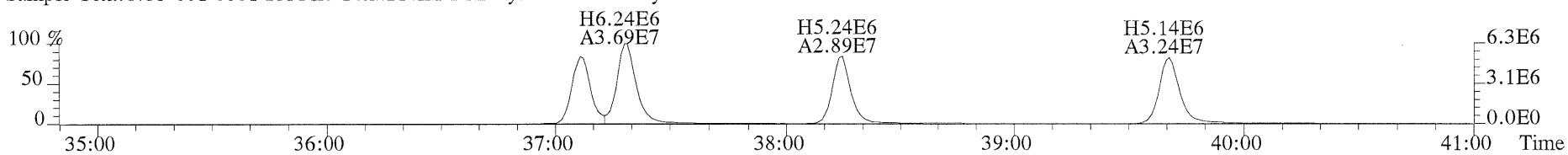
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



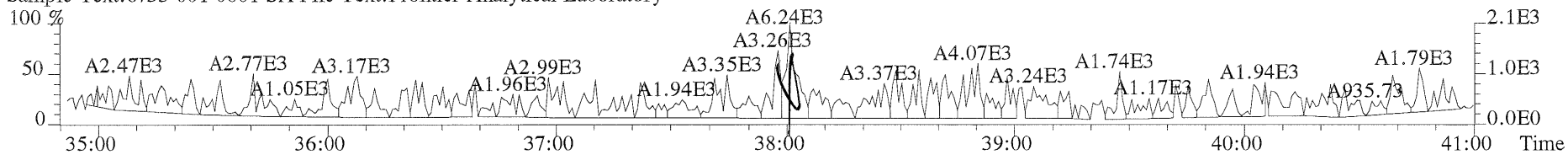
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



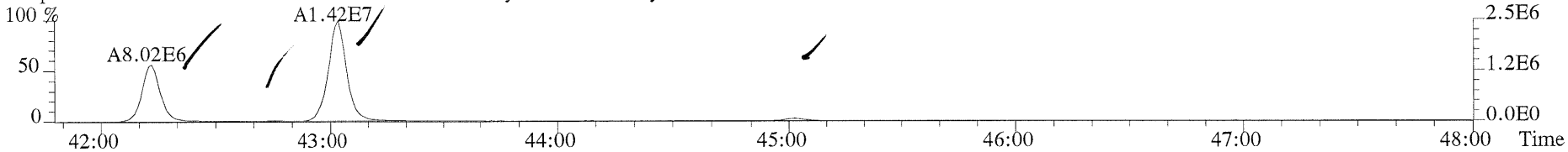
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



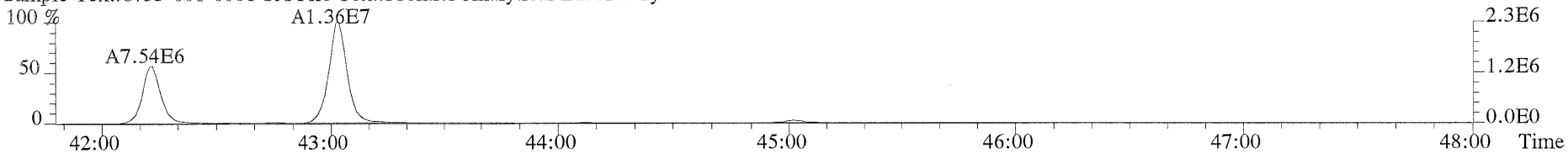
File:04MAY11M #1-477 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:12 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



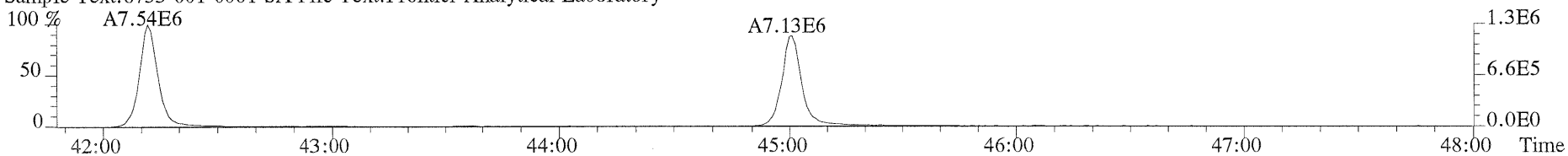
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



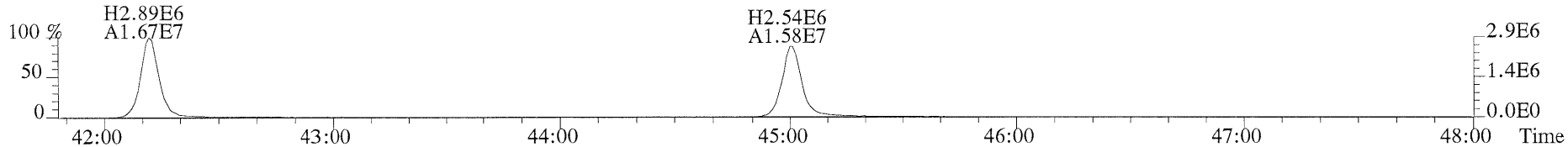
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



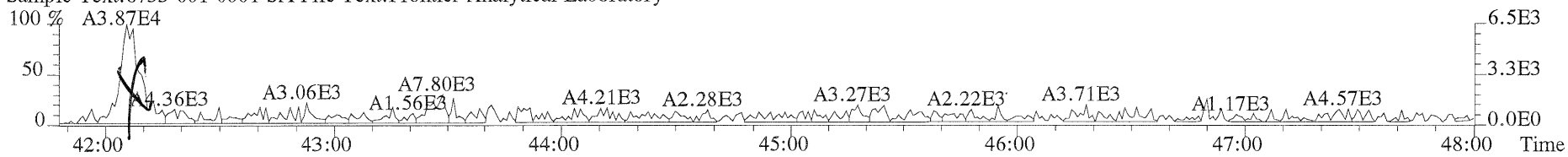
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



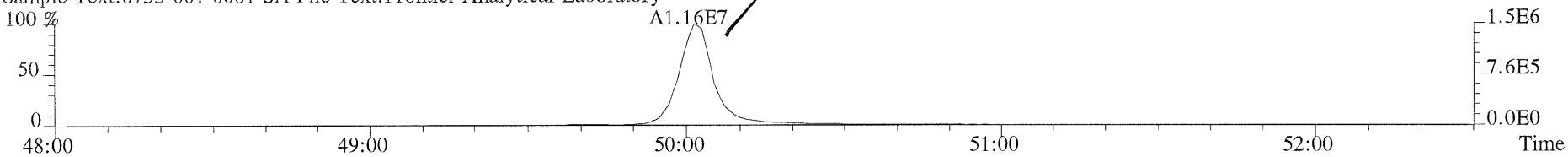
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



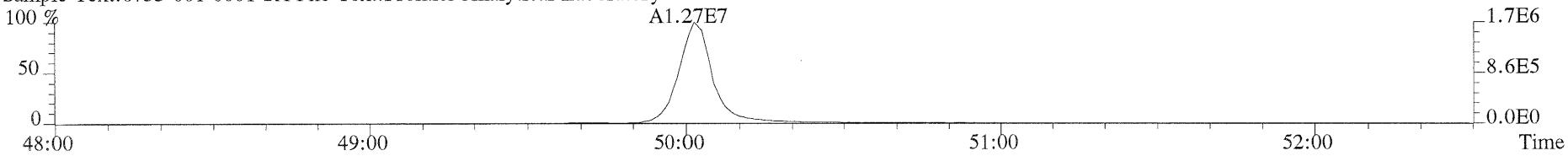
File:04MAY11M #1-541 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:12 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



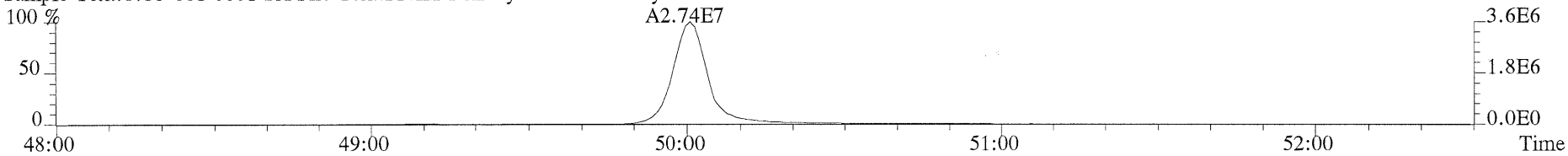
File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



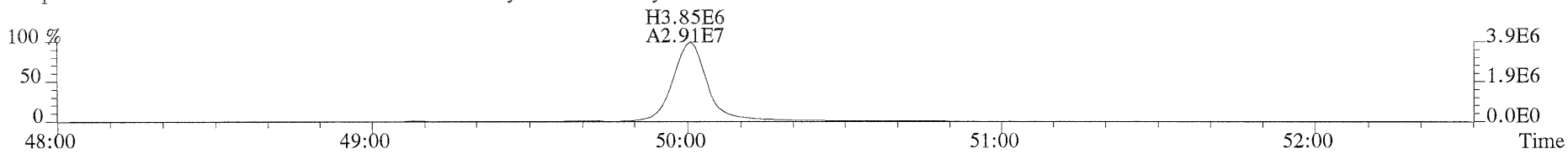
File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



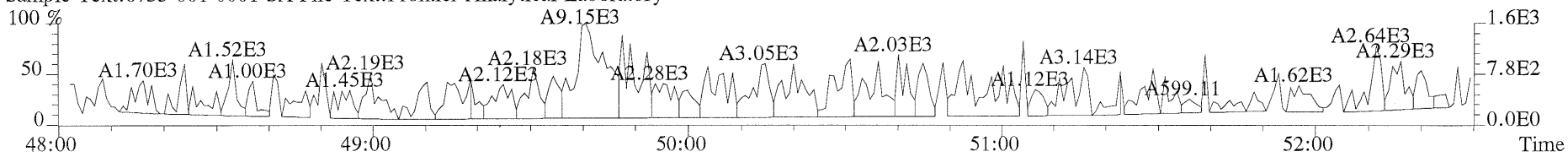
File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 18:51:22 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:12 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-001-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-002-0001-SA Filename: 04MAY11M Sam:8 Acquired: 4-MAY-11 15:09:48 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB6-1.5-2-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 5.040 NATO 1989 Tox: 8.95
WHO 1998 Tox: 7.23 WHO 2005 Tox: 7.58 7.57 5/9/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	3.51e+04	0.75 y	27:21	1.13	0.317	J	2.50	-	-	*
1,2,3,7,8-PeCDD	1.18e+05	1.40 y	33:09	1.02	1.21	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	2.18e+05	1.30 y	38:31	1.45	2.04	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	7.62e+05	1.34 y	38:41	1.45	8.56		2.50	-	-	*
1,2,3,7,8,9-HxCDD	4.02e+05	1.28 y	39:08	1.47	4.05	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	1.84e+07	0.89 y	44:07	1.30	238		2.50	-	-	*
OCDD	1.31e+08	0.94 y	49:40	1.45	2440		2.50	-	-	*
2,3,7,8-TCDF	1.18e+05	0.71 y	26:34	1.15	0.625	J	2.50	-	-	*
1,2,3,7,8-PeCDF	4.33e+04	1.54 y	31:26	0.89	0.330	J	2.50	-	-	*
2,3,4,7,8-PeCDF	1.04e+05	1.49 y	32:45	0.89	0.825	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	3.42e+05	1.25 y	37:09	1.01	2.91	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	1.74e+05	1.19 y	37:20	0.89	1.29	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	2.48e+05	1.17 y	38:17	1.02	2.09	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	3.44e+04	1.32 y	39:45	1.10	0.247	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	4.06e+06	1.05 y	42:13	1.48	43.0		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	1.71e+05	1.11 y	45:02	1.43	2.06	J	2.50	-	-	*
OCDF	8.22e+06	0.90 y	50:01	0.84	137		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	3.87e+07	0.77 y	27:19	1.03	385					97.1
13C-1,2,3,7,8-PeCDD	3.80e+07	1.76 y	33:09	1.01	386					97.2
13C-1,2,3,4,7,8-HxCDD	2.93e+07	1.28 y	38:30	1.19	392					98.8
13C-1,2,3,6,7,8-HxCDD	2.43e+07	1.29 y	38:40	0.94	414					104
13C-1,2,3,4,6,7,8-HpCDD	2.35e+07	1.05 y	44:06	0.83	454					114
13C-OCDD	2.94e+07	0.95 y	49:39	0.61	773					97.3
13C-2,3,7,8-TCDF	6.52e+07	0.87 y	26:33	0.98	405					102
13C-1,2,3,7,8-PeCDF	5.87e+07	1.68 y	31:25	0.83	430					108
13C-2,3,4,7,8-PeCDF	5.62e+07	1.68 y	32:43	0.80	426					107
13C-1,2,3,4,7,8-HxCDF	4.62e+07	0.46 y	37:07	1.84	400					101
13C-1,2,3,6,7,8-HxCDF	5.98e+07	0.45 y	37:19	2.29	417					105
13C-2,3,4,6,7,8-HxCDF	4.64e+07	0.45 y	38:15	1.86	397					100
13C-1,2,3,7,8,9-HxCDF	5.02e+07	0.46 y	39:41	1.98	404					102
13C-1,2,3,4,6,7,8-HpCDF	2.53e+07	0.46 y	42:12	0.99	409					103
13C-1,2,3,4,7,8,9-HpCDF	2.31e+07	0.45 y	45:01	0.77	482					121
13C-OCDF	5.65e+07	0.94 y	50:01	1.17	773					97.4
37Cl-2,3,7,8-TCDD	1.05e+07		27:21	0.73	148					93.4
13C-1,2,3,4-TCDD	3.87e+07	0.76 y	26:45	-	20.2					
13C-1,2,3,4-TCDF	6.52e+07	0.87 y	25:29	-	18.0					
13C-1,2,3,7,8,9-HxCDD	2.49e+07	1.27 y	39:07	-	19.9					

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	8.53e+05		24:20	1.13	7.72	2.50	-	-	*		12
Total Penta-Dioxins	1.39e+06		30:11	1.02	14.3	2.50	-	-	*		10
Total Hexa-Dioxins	5.74e+06		36:04	1.46	59.0	2.50	-	-	*		7
Total Hepta-Dioxins	3.60e+07		42:44	1.30	467	2.50	-	-	*		2
Total Tetra-Furans	3.12e+06		23:00	1.15	16.5	2.50	-	-	*		18
1st Fn. Tot Penta-Furans	1.10e+06		28:24	0.89	8.54	2.50	-	-	*	PeCDF	1
Total Penta-Furans	1.44e+06		30:02	0.89	11.2	2.50	-	-	*	19.7	9
Total Hexa-Furans	5.36e+06		35:12	1.00	42.2	2.50	-	-	*		9
Total Hepta-Furans	1.27e+07		42:13	1.46	141	2.50	-	-	*		4

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 16 File: 04MAY11M S: 8 I: 1 F: 1
Acquired: 4-MAY-11 15:09:48

Total Concentration: 7.72 Unnamed Concentration: 7.407

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:20	1.10e+05	1.46e+05	0.75	y	2.56e+05	2.32	
24:37	7.89e+04	9.92e+04	0.80	y	1.78e+05	1.61	
24:56	1.16e+04	1.65e+04	0.70	y	2.81e+04	0.254	
25:33	1.63e+04	2.34e+04	0.70	y	3.97e+04	0.360	
25:43	2.48e+04	3.00e+04	0.83	y	5.48e+04	0.496	
25:53	3.62e+04	5.05e+04	0.72	y	8.67e+04	0.785	
26:04	1.58e+04	1.82e+04	0.87	y	3.40e+04	0.308	
26:26	1.17e+04	1.36e+04	0.86	y	2.53e+04	0.229	
26:46	2.33e+04	2.89e+04	0.81	y	5.22e+04	0.472	
27:04	1.59e+04	1.93e+04	0.82	y	3.52e+04	0.319	
27:21	1.50e+04	2.00e+04	0.75	y	3.51e+04	0.317	2,3,7,8-TCDD
27:39	1.27e+04	1.54e+04	0.82	y	2.80e+04	0.254	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 16 File: 04MAY11M S: 8 I: 1 F: 2
Acquired: 4-MAY-11 15:09:48

Total Concentration: 14.3 Unnamed Concentration: 13.098

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	3.36e+05	2.18e+05	1.54	y	5.54e+05	5.69	
30:48	3.47e+04	2.29e+04	1.52	y	5.75e+04	0.591	
31:26	9.62e+04	6.28e+04	1.53	y	1.59e+05	1.63	
31:39	8.94e+04	5.64e+04	1.58	y	1.46e+05	1.50	
31:47	7.33e+04	4.75e+04	1.54	y	1.21e+05	1.24	
32:05	6.29e+04	3.85e+04	1.63	y	1.01e+05	1.04	
32:33	4.11e+04	2.56e+04	1.61	y	6.68e+04	0.687	
33:09	6.88e+04	4.91e+04	1.40	y	1.18e+05	1.21	1,2,3,7,8-PeCDD
33:14	2.39e+04	1.67e+04	1.43	y	4.05e+04	0.417	
33:43	1.73e+04	1.13e+04	1.52	y	2.86e+04	0.294	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 16 File: 04MAY11M S: 8 I: 1 F: 3
Acquired: 4-MAY-11 15:09:48

Total Concentration: 59.0 Unnamed Concentration: 44.313

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:04	9.41e+05	7.22e+05	1.30	y	1.66e+06	16.9	
37:00	2.41e+05	1.76e+05	1.37	y	4.17e+05	4.24	
37:26	1.25e+06	9.47e+05	1.32	y	2.20e+06	22.3	
38:31	1.23e+05	9.45e+04	1.30	y	2.18e+05	2.04	1,2,3,4,7,8-HxCDD
38:41	4.35e+05	3.26e+05	1.34	y	7.62e+05	8.56	1,2,3,6,7,8-HxCDD
38:59	4.72e+04	3.36e+04	1.40	y	8.08e+04	0.822	
39:08	2.25e+05	1.77e+05	1.28	y	4.02e+05	4.05	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 16 File: 04MAY11M S: 8 I: 1 F: 4
Acquired: 4-MAY-11 15:09:48

Total Concentration: 467 Unnamed Concentration: 228.451

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:44	8.26e+06	9.35e+06	0.88 y	1.76e+07	228	
44:07	8.63e+06	9.75e+06	0.89 y	1.84e+07	238	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 16 File: 04MAY11M S: 8 I: 1 F: 1
Acquired: 4-MAY-11 15:09:48

Total Concentration: 16.5 Unnamed Concentration: 15.904

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:00	2.48e+04	3.48e+04	0.71	y	5.96e+04	0.316	
23:21	3.85e+04	5.64e+04	0.68	y	9.50e+04	0.504	
23:45	2.48e+05	3.63e+05	0.68	y	6.11e+05	3.24	
24:07	1.08e+05	1.63e+05	0.66	y	2.71e+05	1.44	
24:22	1.34e+05	2.04e+05	0.66	y	3.39e+05	1.80	
24:40	1.06e+05	1.56e+05	0.68	y	2.62e+05	1.39	
24:47	2.76e+04	4.09e+04	0.67	y	6.84e+04	0.363	
24:54	4.08e+04	5.35e+04	0.76	y	9.42e+04	0.500	
25:15	5.08e+04	7.74e+04	0.66	y	1.28e+05	0.680	
25:22	1.13e+05	1.67e+05	0.68	y	2.80e+05	1.49	
25:30	6.17e+04	9.04e+04	0.68	y	1.52e+05	0.807	
25:51	6.61e+04	8.22e+04	0.80	y	1.48e+05	0.787	
26:05	3.43e+04	4.66e+04	0.74	y	8.08e+04	0.429	
26:13	2.39e+04	2.95e+04	0.81	y	5.33e+04	0.283	
26:28	3.84e+04	5.58e+04	0.69	y	9.43e+04	0.500	
26:34	4.89e+04	6.90e+04	0.71	y	1.18e+05	0.625	2,3,7,8-TCDF
26:55	7.40e+04	1.07e+05	0.69	y	1.81e+05	0.958	
28:24	3.27e+04	4.78e+04	0.68	y	8.05e+04	0.427	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 16 File: 04MAY11M S: 8 I: 1 F: 1
Acquired: 4-MAY-11 15:09:48

Total Concentration: 8.54 Unnamed Concentration: 8.538

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	6.60e+05	4.39e+05	1.50 y	1.10e+06	8.54	

Totals class: Total Penta-Furans Entry #: 44

Run: 16 File: 04MAY11M S: 8 I: 1 F: 2
Acquired: 4-MAY-11 15:09:48

Total Concentration: 11.2 Unnamed Concentration: 10.023

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
30:02	6.27e+04	4.00e+04	1.57 y	1.03e+05	0.798	
30:11	4.33e+05	2.78e+05	1.56 y	7.10e+05	5.52	
30:52	1.16e+05	7.19e+04	1.61 y	1.88e+05	1.46	
30:59	2.67e+04	1.93e+04	1.38 y	4.60e+04	0.358	
31:26	2.62e+04	1.71e+04	1.54 y	4.33e+04	0.330	1,2,3,7,8-PeCDF
31:47	5.74e+04	3.76e+04	1.53 y	9.50e+04	0.738	
32:35	2.12e+04	1.37e+04	1.55 y	3.49e+04	0.271	
32:45	6.24e+04	4.20e+04	1.49 y	1.04e+05	0.825	2,3,4,7,8-PeCDF
32:48	6.97e+04	4.34e+04	1.61 y	1.13e+05	0.878	

Totals class: Total Hexa-Furans Entry #: 45

Run: 16 File: 04MAY11M S: 8 I: 1 F: 3
Acquired: 4-MAY-11 15:09:48

Total Concentration: 42.2 Unnamed Concentration: 35.698

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:12	2.79e+05	2.38e+05	1.17	y	5.17e+05	4.05	
35:27	9.65e+05	8.06e+05	1.20	y	1.77e+06	13.9	
36:03	4.01e+04	3.73e+04	1.08	y	7.74e+04	0.606	
36:22	1.17e+06	9.62e+05	1.22	y	2.13e+06	16.7	
36:58	3.43e+04	2.44e+04	1.41	y	5.87e+04	0.460	
37:09	1.90e+05	1.52e+05	1.25	y	3.42e+05	2.91	1,2,3,4,7,8-HxCDF
37:20	9.44e+04	7.96e+04	1.19	y	1.74e+05	1.29	1,2,3,6,7,8-HxCDF
38:17	1.34e+05	1.14e+05	1.17	y	2.48e+05	2.09	2,3,4,6,7,8-HxCDF
39:45	1.96e+04	1.49e+04	1.32	y	3.44e+04	0.247	1,2,3,7,8,9-HxCDF

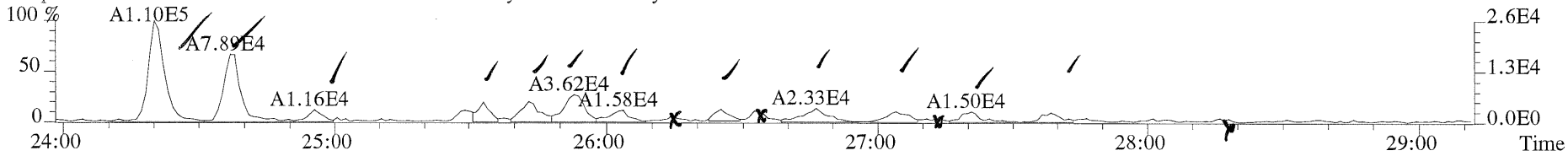
Totals class: Total Hepta-Furans Entry #: 46

Run: 16 File: 04MAY11M S: 8 I: 1 F: 4
Acquired: 4-MAY-11 15:09:48

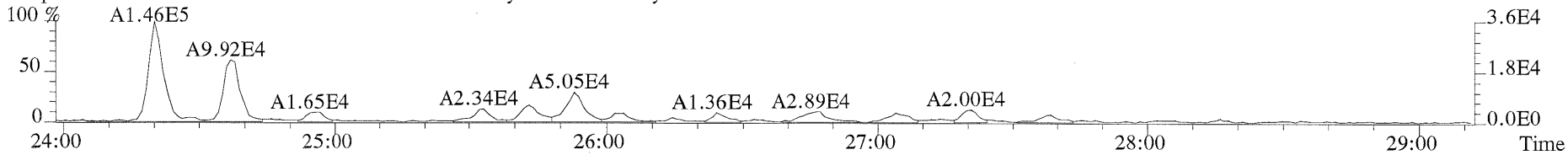
Total Concentration: 141 Unnamed Concentration: 95.743

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:13	2.08e+06	1.98e+06	1.05	y	4.06e+06	43.0	1,2,3,4,6,7,8-HpCDF
42:45	5.21e+04	5.10e+04	1.02	y	1.03e+05	1.16	
43:02	4.34e+06	4.07e+06	1.06	y	8.41e+06	94.6	
45:02	8.97e+04	8.11e+04	1.11	y	1.71e+05	2.06	1,2,3,4,7,8,9-HpCDF

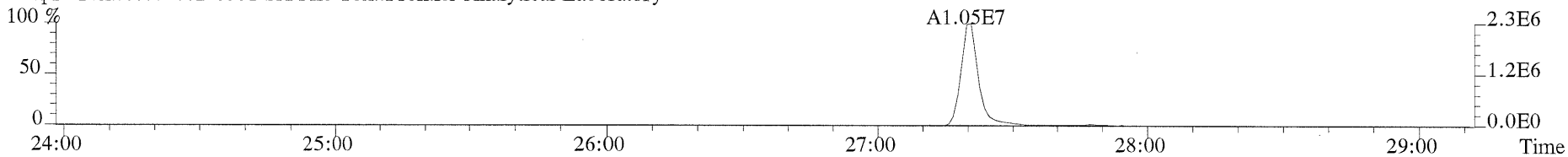
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



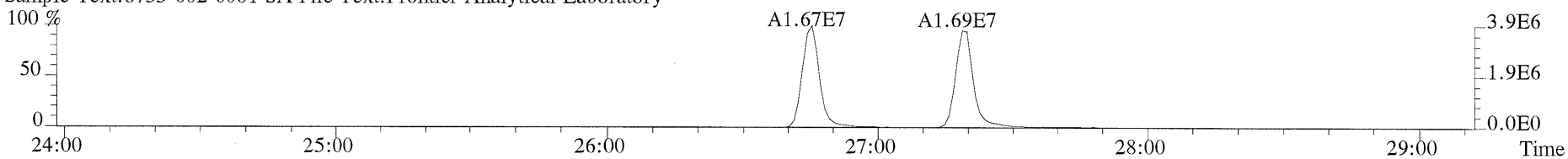
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



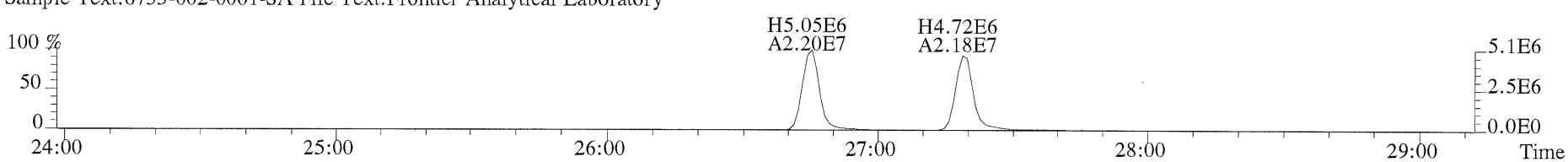
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



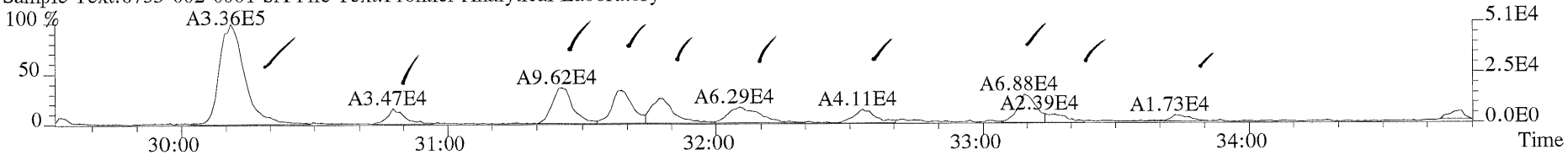
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



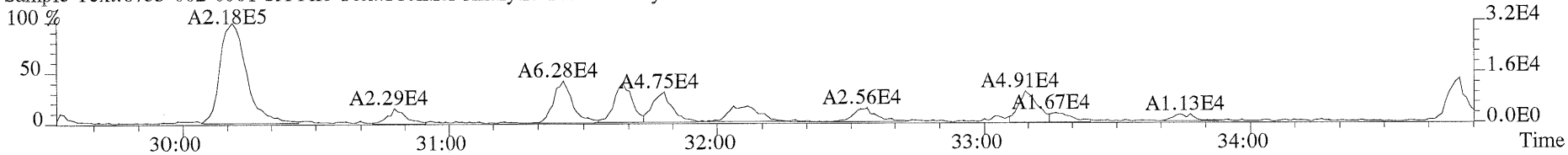
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



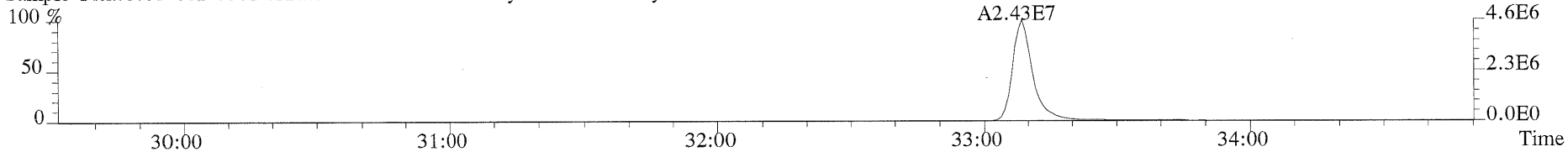
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



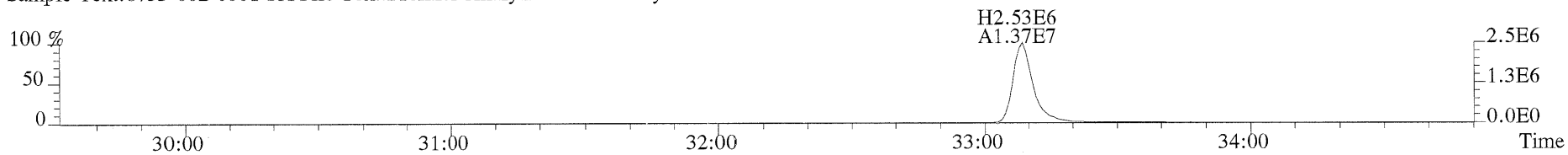
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



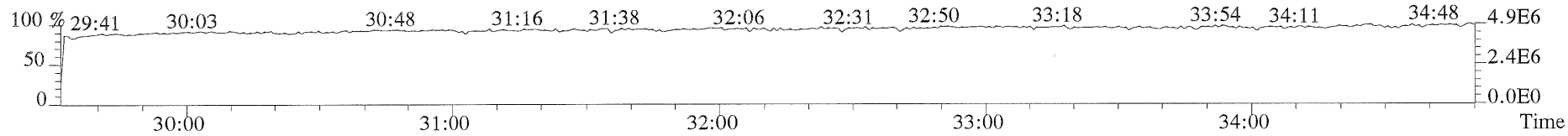
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



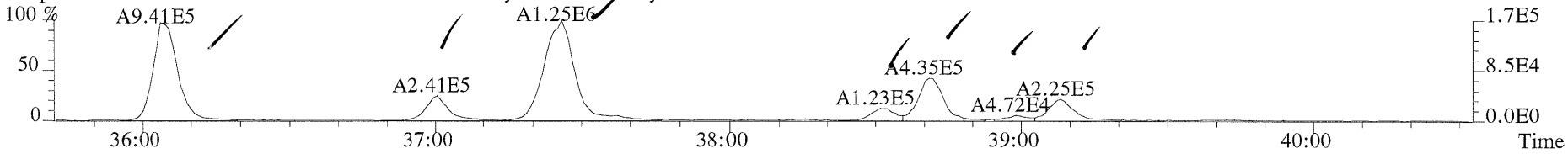
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



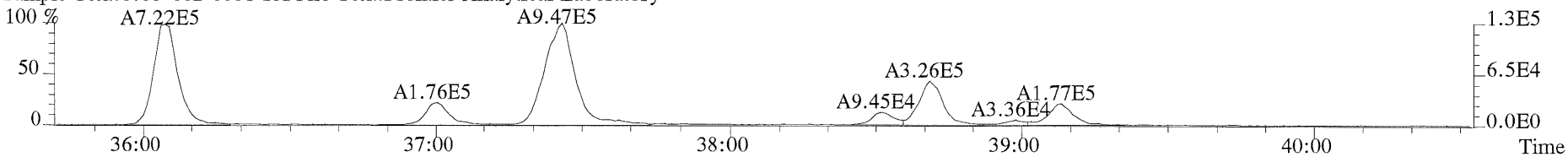
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:8 F:2 Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



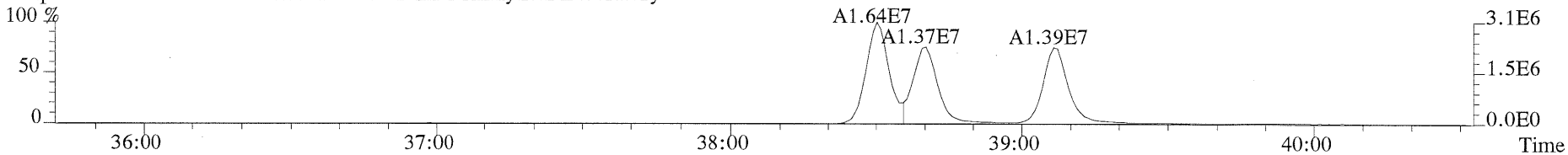
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



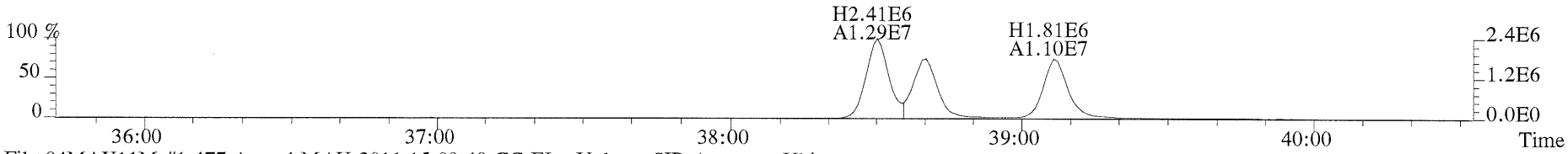
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



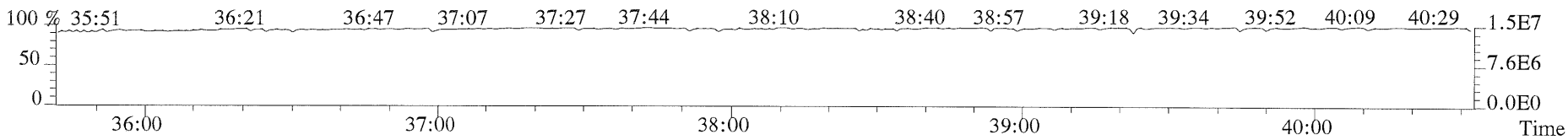
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



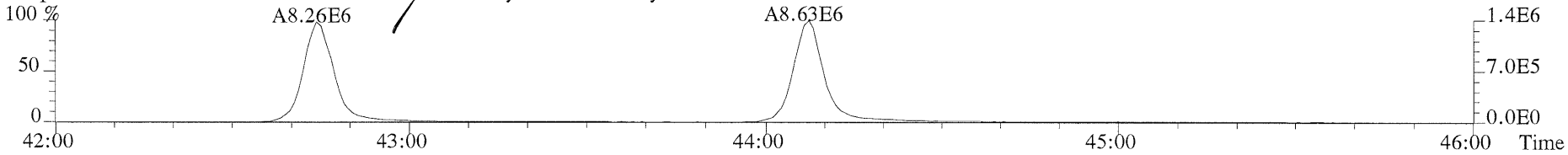
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



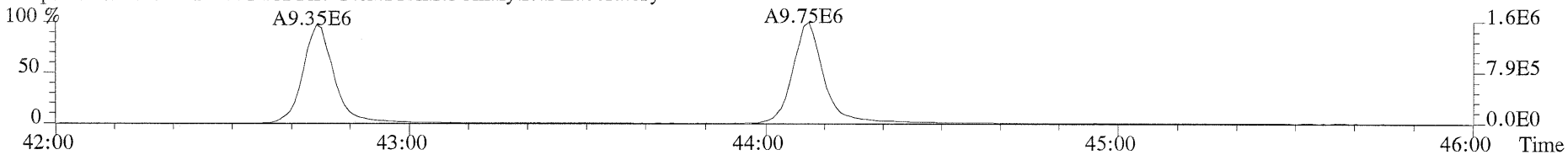
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:8 F:3 Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



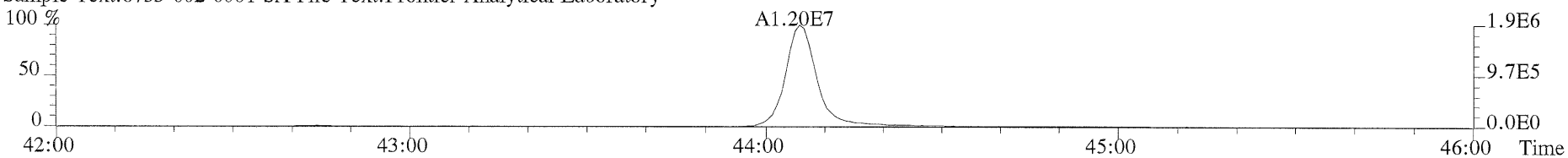
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



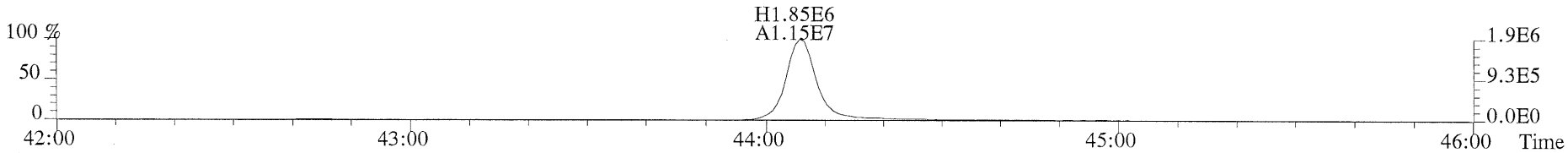
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



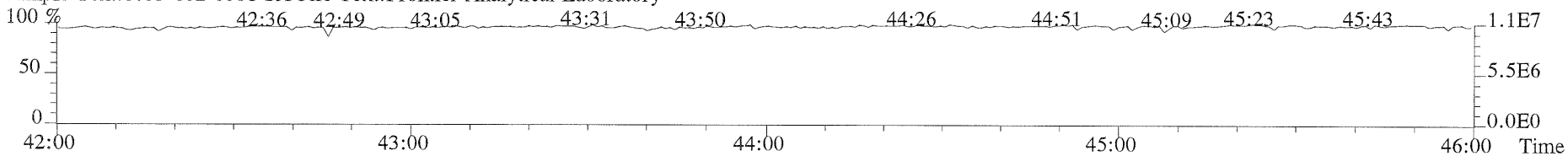
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



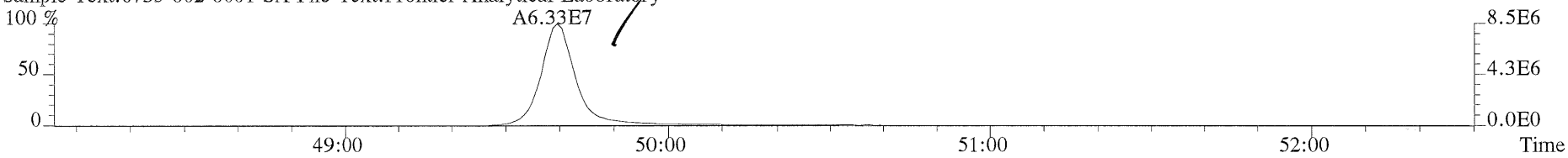
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



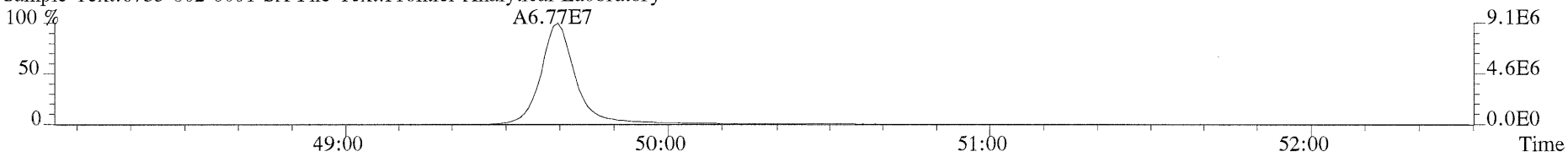
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:8 F:4 Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



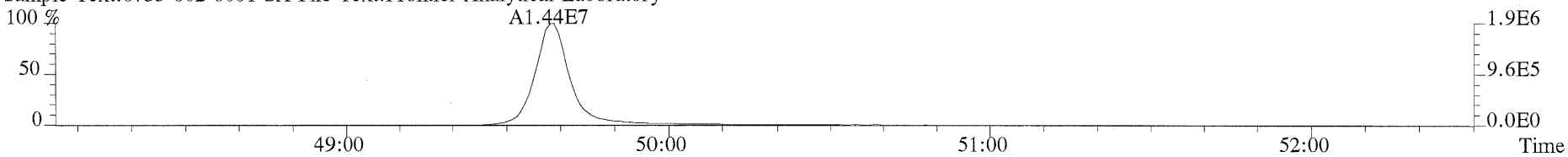
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



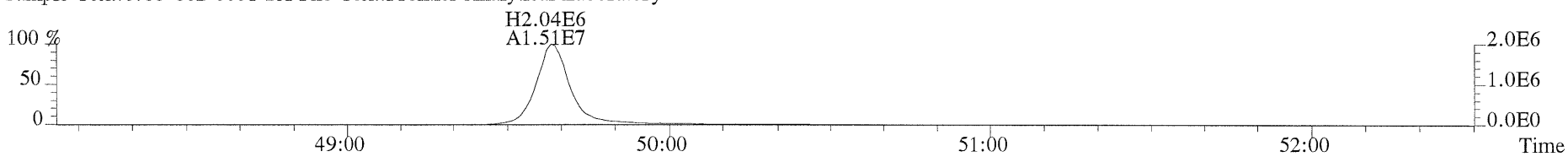
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



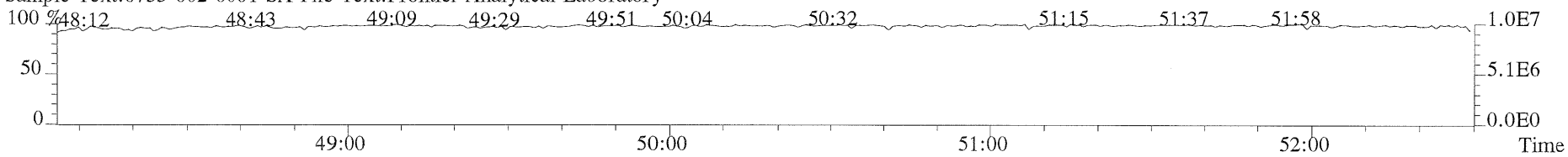
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



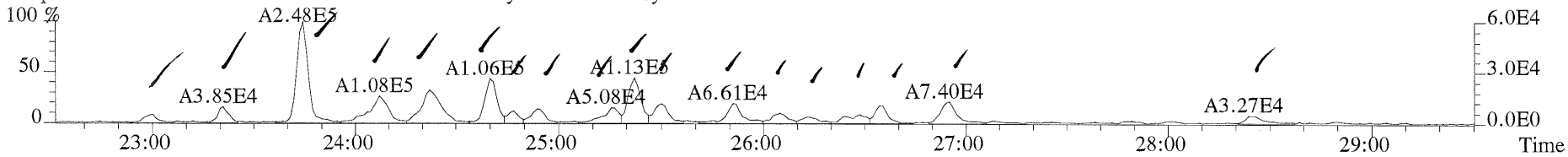
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



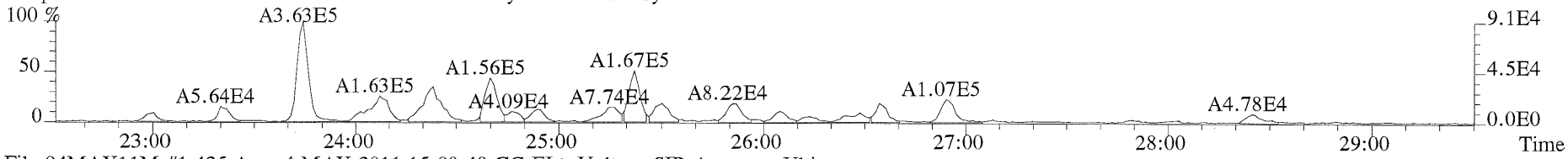
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:8 F:5 Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



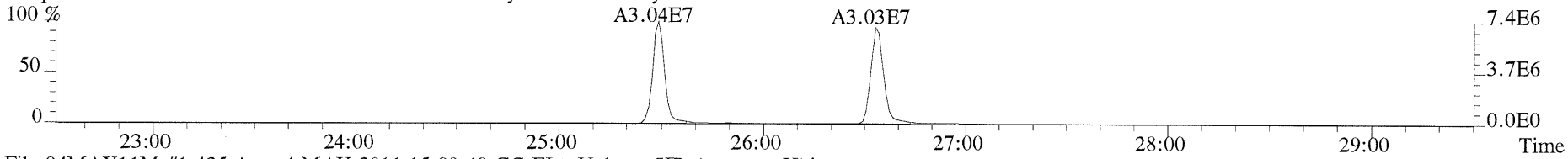
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



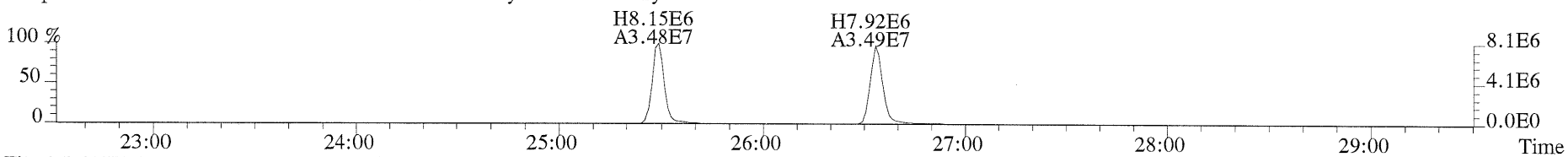
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



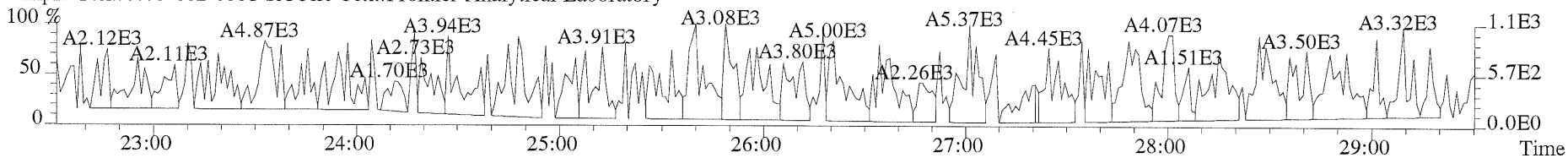
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



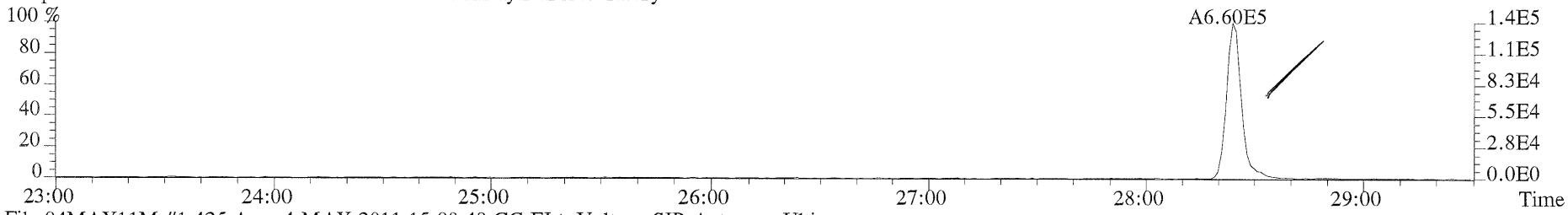
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



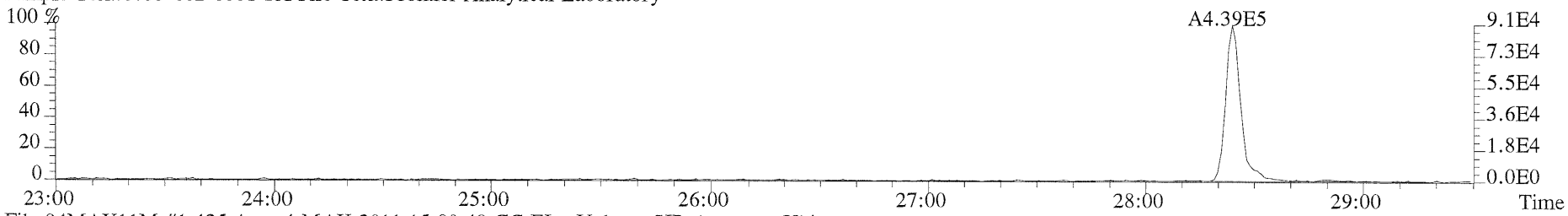
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



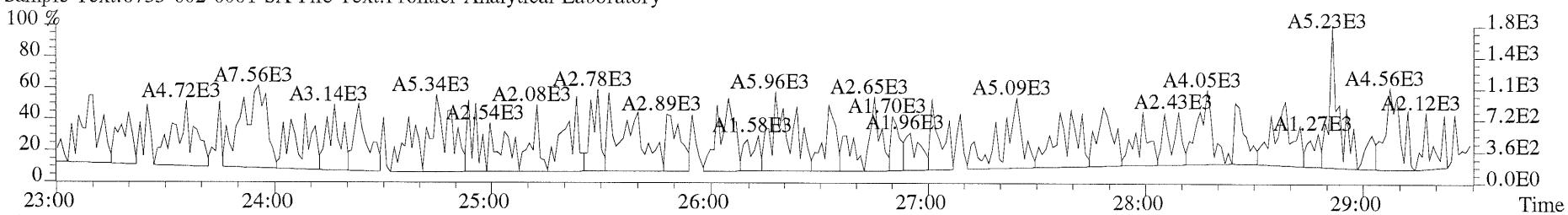
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



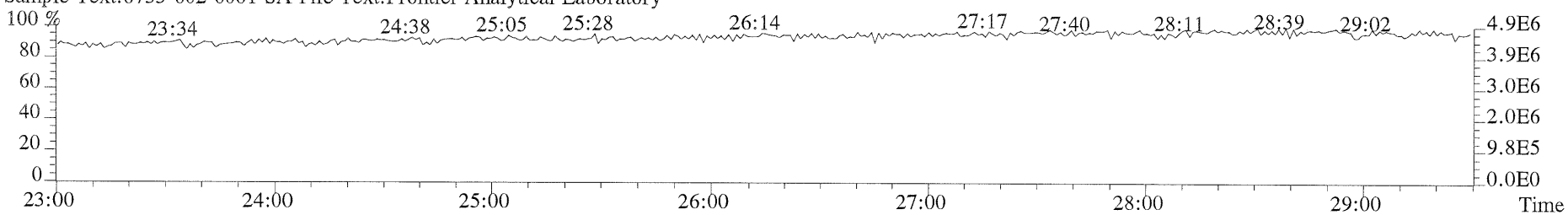
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



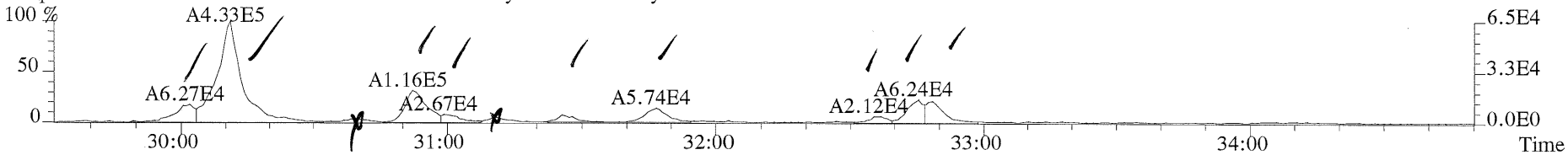
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:8 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



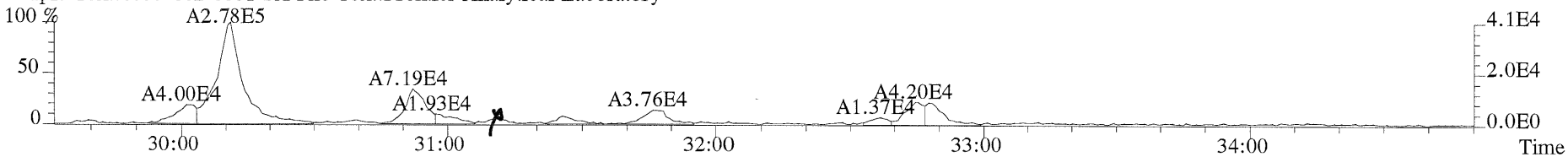
File:04MAY11M #1-425 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:8 Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



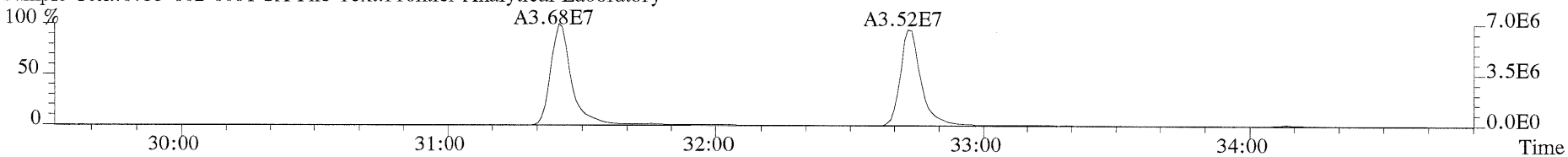
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



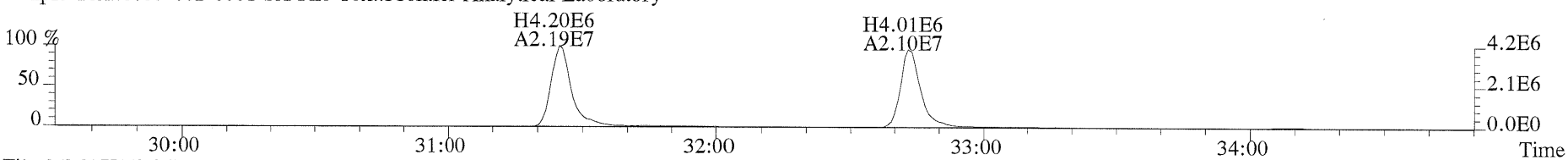
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



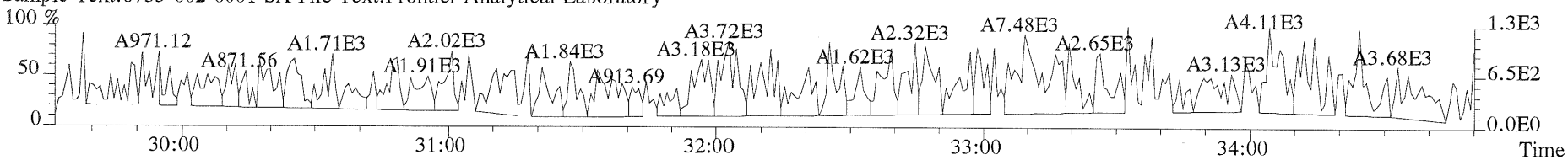
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



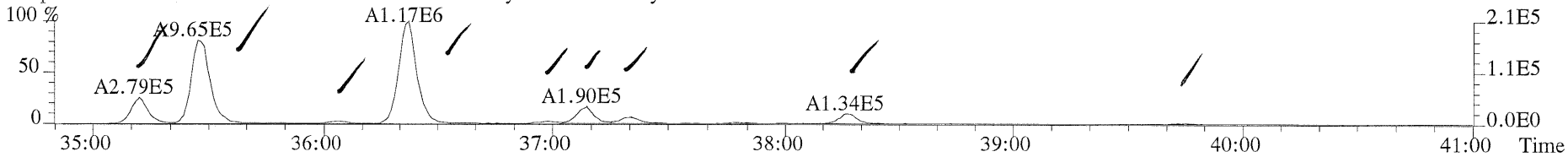
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



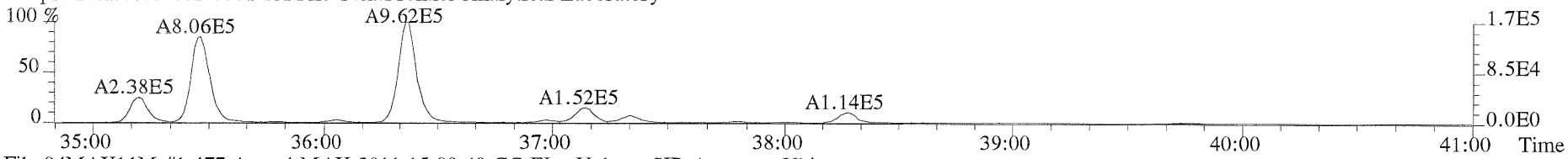
File:04MAY11M #1-412 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:8 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



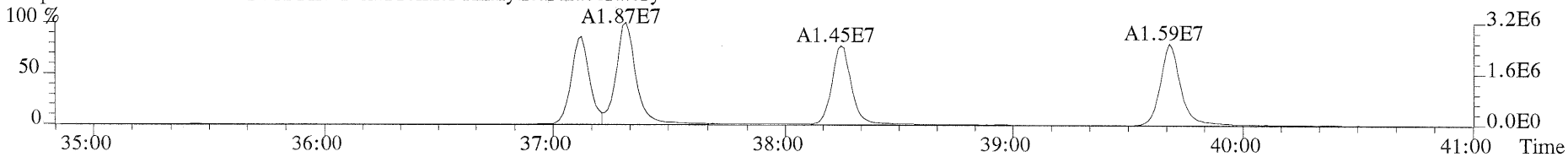
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



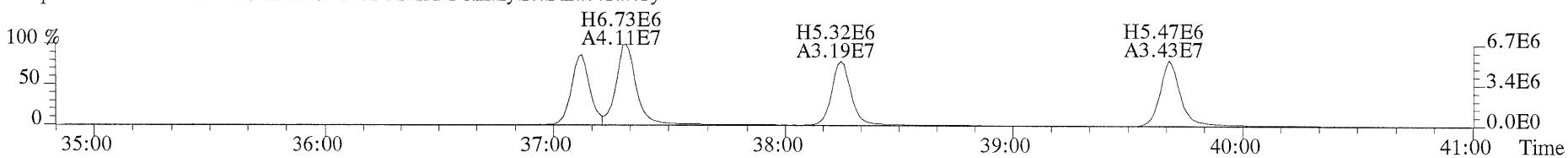
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



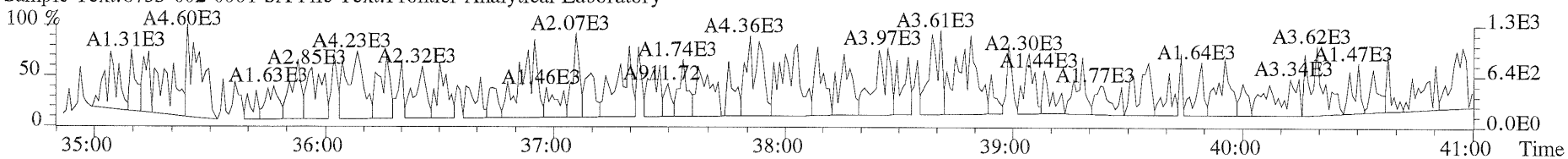
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



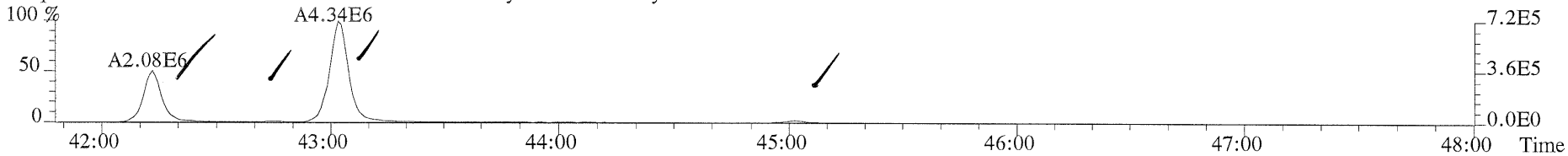
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



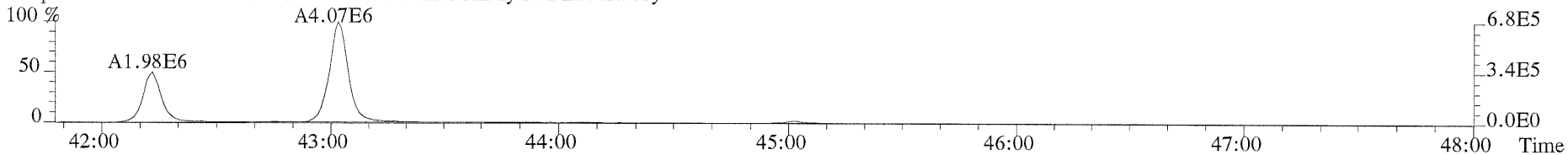
File:04MAY11M #1-477 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:8 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



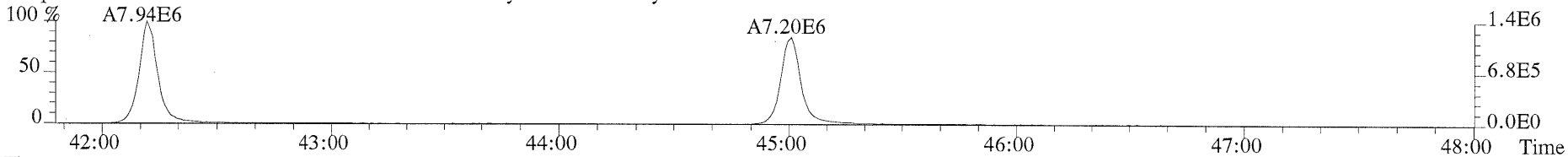
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



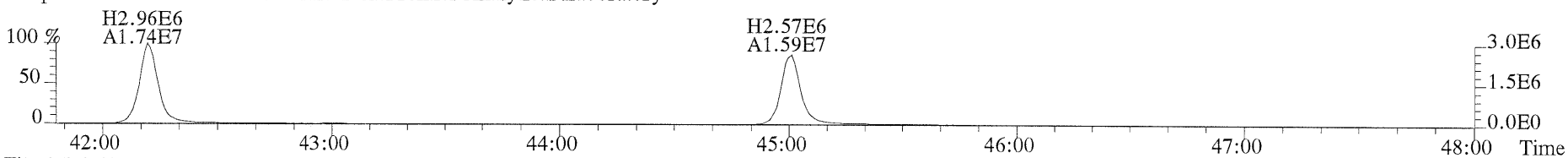
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



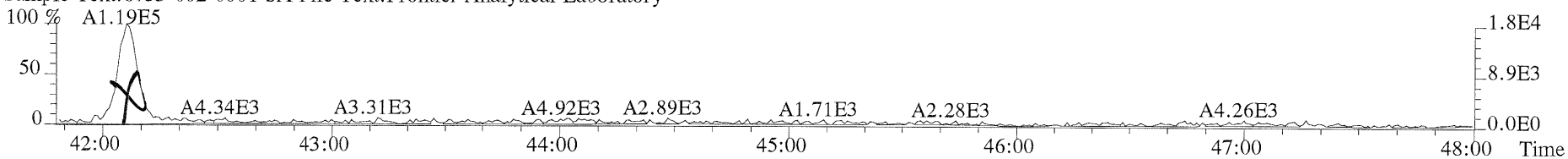
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



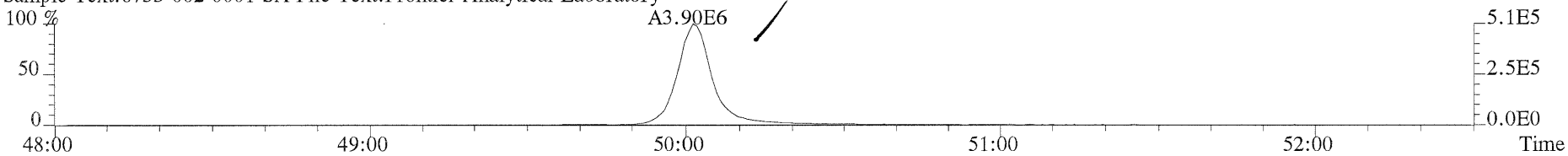
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



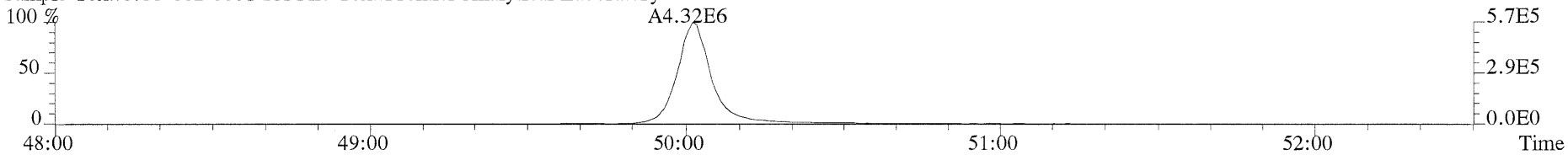
File:04MAY11M #1-541 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:8 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



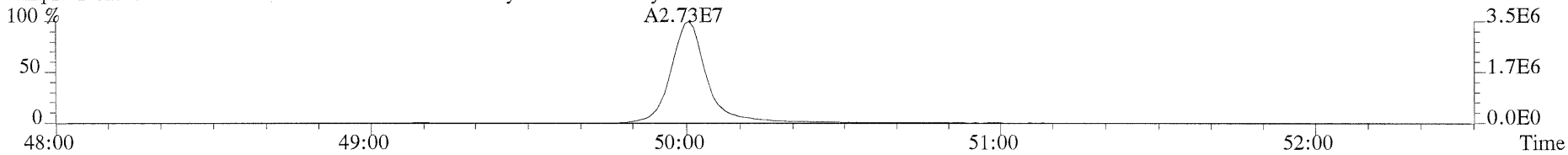
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



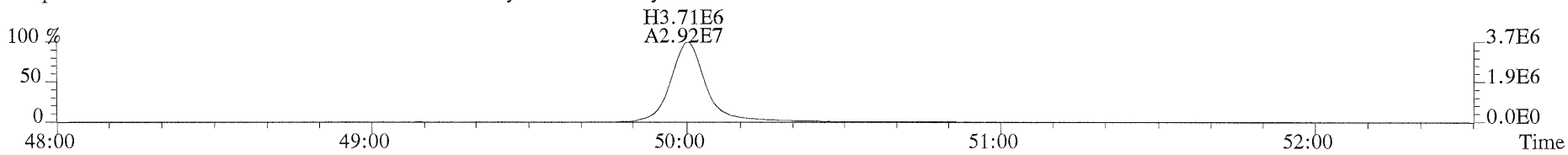
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



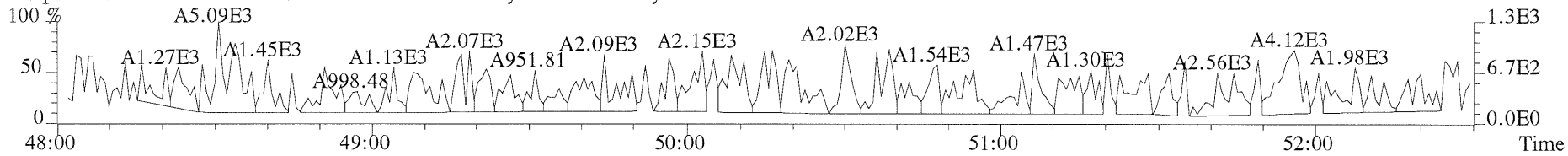
File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 15:09:48 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:8 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-002-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-003-0001-SA Filename: 04MAY11M Sam:6 Acquired: 4-MAY-11 13:19:03 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB6-2-4-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 4.960 NATO 1989 Tox: 5.55
WHO 1998 Tox: 4.32 WHO 2005 Tox: 4.58

Name	Resp	RA		RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	*	*	n	NotFnd	1.13	*		2.50	680	736	0.193
1,2,3,7,8-PeCDD	5.56e+04	1.35	y	33:11	1.02	0.767	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	9.14e+04	1.32	y	38:32	1.45	1.19	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	3.67e+05	1.30	y	38:42	1.45	5.50		2.50	-	-	*
1,2,3,7,8,9-HxCDD	1.66e+05	1.31	y	39:09	1.47	2.29	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	8.10e+06	0.91	y	44:08	1.30	154		2.50	-	-	*
OCDD	5.54e+07	0.93	y	49:40	1.45	1710		2.50	-	-	*
2,3,7,8-TCDF	4.15e+04	0.76	y	26:35	1.15	0.286	J	2.50	-	-	*
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	748	808	0.202
2,3,4,7,8-PeCDF	4.32e+04	1.43	y	32:46	0.89	0.465	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	1.76e+05	1.25	y	37:09	1.01	2.00	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	7.79e+04	1.23	y	37:20	0.89	0.792	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	9.25e+04	1.23	y	38:17	1.02	1.11	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.10	*		2.50	864	724	0.277
1,2,3,4,6,7,8-HpCDF	1.77e+06	1.06	y	42:14	1.48	26.6		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	8.11e+04	1.15	y	45:03	1.43	1.37	J	2.50	-	-	*
OCDF	3.56e+06	0.90	y	50:03	0.84	94.3		2.50	-	-	*
											Rec
13C-2,3,7,8-TCDD	2.95e+07	0.74	y	27:20	1.03	356					88.3
13C-1,2,3,7,8-PeCDD	2.88e+07	1.76	y	33:09	1.01	353					87.5
13C-1,2,3,4,7,8-HxCDD	2.14e+07	1.29	y	38:31	1.19	383					95.0
13C-1,2,3,6,7,8-HxCDD	1.85e+07	1.29	y	38:41	0.94	422					105
13C-1,2,3,4,6,7,8-HpCDD	1.63e+07	1.05	y	44:06	0.83	421					104
13C-OCDD	1.81e+07	0.96	y	49:40	0.61	636					78.9
13C-2,3,7,8-TCDF	5.11e+07	0.87	y	26:34	0.98	370					91.8
13C-1,2,3,7,8-PeCDF	4.52e+07	1.70	y	31:26	0.83	387					96.1
13C-2,3,4,7,8-PeCDF	4.20e+07	1.69	y	32:44	0.80	371					92.0
13C-1,2,3,4,7,8-HxCDF	3.52e+07	0.46	y	37:07	1.84	409					101
13C-1,2,3,6,7,8-HxCDF	4.45e+07	0.46	y	37:19	2.29	415					103
13C-2,3,4,6,7,8-HxCDF	3.30e+07	0.45	y	38:15	1.86	378					93.8
13C-1,2,3,7,8,9-HxCDF	3.56e+07	0.47	y	39:41	1.98	384					95.3
13C-1,2,3,4,6,7,8-HpCDF	1.82e+07	0.46	y	42:13	0.99	393					97.5
13C-1,2,3,4,7,8,9-HpCDF	1.67e+07	0.46	y	45:01	0.77	467					116
13C-OCDF	3.61e+07	0.95	y	50:01	1.17	663					82.2
37Cl-2,3,7,8-TCDD	8.39e+06			27:22	0.73	143					88.4
13C-1,2,3,4-TCDD	3.25e+07	0.76	y	26:45	-	17.3					
13C-1,2,3,4-TCDF	5.68e+07	0.88	y	25:30	-	15.9					
13C-1,2,3,7,8,9-HxCDD	1.89e+07	1.31	y	39:07	-	15.3					

				Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	1.62e+05	24:21	1.13	1.95	2.50	-	-	*		4
Total Penta-Dioxins	4.95e+05	30:11	1.02	6.83	2.50	-	-	*		7
Total Hexa-Dioxins	2.48e+06	36:05	1.46	34.7	2.50	-	-	*		6
Total Hepta-Dioxins	1.64e+07	42:45	1.30	312	2.50	-	-	*		2
Total Tetra-Furans	1.11e+06	23:22	1.15	7.65	2.50	-	-	*		12
1st Fn. Tot Penta-Furans	4.64e+05	28:25	0.89	4.82	2.50	-	-	*	PeCDF	1
Total Penta-Furans	5.54e+05	30:04	0.89	5.78	2.50	-	-	*	10.6	6
Total Hexa-Furans	2.33e+06	35:13	1.00	25.4	2.50	-	-	*		6
Total Hepta-Furans	5.66e+06	42:14	1.46	88.4	2.50	-	-	*		3

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 14 File: 04MAY11M S: 6 I: 1 F: 1
Acquired: 4-MAY-11 13:19:03

Total Concentration: 1.95 Unnamed Concentration: 1.950

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:21	2.67e+04	3.12e+04	0.86	y	5.79e+04	0.697	
24:38	1.80e+04	2.42e+04	0.75	y	4.22e+04	0.508	
25:34	1.11e+04	1.59e+04	0.70	y	2.70e+04	0.325	
25:54	1.62e+04	1.87e+04	0.87	y	3.48e+04	0.419	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 14 File: 04MAY11M S: 6 I: 1 F: 2
Acquired: 4-MAY-11 13:19:03

Total Concentration: 6.83 Unnamed Concentration: 6.062

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	1.27e+05	8.48e+04	1.49	y	2.11e+05	2.92	
31:26	3.71e+04	2.44e+04	1.53	y	6.15e+04	0.849	
31:40	4.14e+04	2.63e+04	1.57	y	6.77e+04	0.934	
31:48	2.49e+04	1.55e+04	1.61	y	4.04e+04	0.557	
32:04	2.34e+04	1.48e+04	1.58	y	3.82e+04	0.528	
33:11	3.19e+04	2.36e+04	1.35	y	5.56e+04	0.767	1,2,3,7,8-PeCDD
33:16	1.19e+04	7.99e+03	1.49	y	1.99e+04	0.275	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 14 File: 04MAY11M S: 6 I: 1 F: 3
Acquired: 4-MAY-11 13:19:03

Total Concentration: 34.7 Unnamed Concentration: 25.769

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:05	4.13e+05	3.21e+05	1.29	y	7.34e+05	10.2	
37:01	8.00e+04	5.79e+04	1.38	y	1.38e+05	1.91	
37:27	5.60e+05	4.24e+05	1.32	y	9.83e+05	13.7	
38:32	5.20e+04	3.94e+04	1.32	y	9.14e+04	1.19	1,2,3,4,7,8-HxCDD
38:42	2.07e+05	1.59e+05	1.30	y	3.67e+05	5.50	1,2,3,6,7,8-HxCDD
39:09	9.43e+04	7.18e+04	1.31	y	1.66e+05	2.29	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 14 File: 04MAY11M S: 6 I: 1 F: 4
Acquired: 4-MAY-11 13:19:03

Total Concentration: 312 Unnamed Concentration: 158.294

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:45	3.92e+06	4.40e+06	0.89 y	8.32e+06	158	
44:08	3.85e+06	4.25e+06	0.91 y	8.10e+06	154	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 14 File: 04MAY11M S: 6 I: 1 F: 1
Acquired: 4-MAY-11 13:19:03

Total Concentration: 7.65 Unnamed Concentration: 7.360

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:22	1.51e+04	2.28e+04	0.66	y	3.80e+04	0.261	
23:44	1.03e+05	1.54e+05	0.67	y	2.57e+05	1.77	
24:07	5.21e+04	7.82e+04	0.67	y	1.30e+05	0.897	
24:23	5.81e+04	8.67e+04	0.67	y	1.45e+05	0.996	
24:41	4.14e+04	6.19e+04	0.67	y	1.03e+05	0.710	
24:54	1.48e+04	2.17e+04	0.68	y	3.65e+04	0.251	
25:16	2.31e+04	3.21e+04	0.72	y	5.52e+04	0.380	
25:22	4.55e+04	6.76e+04	0.67	y	1.13e+05	0.778	
25:29	2.57e+04	3.43e+04	0.75	y	6.00e+04	0.413	
25:52	2.64e+04	3.67e+04	0.72	y	6.31e+04	0.434	
26:35	1.79e+04	2.36e+04	0.76	y	4.15e+04	0.286	2,3,7,8-TCDF
26:55	2.83e+04	4.01e+04	0.71	y	6.85e+04	0.471	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 14 File: 04MAY11M S: 6 I: 1 F: 1
Acquired: 4-MAY-11 13:19:03

Total Concentration: 4.82 Unnamed Concentration: 4.821

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:25	2.73e+05	1.91e+05	1.43 y	4.64e+05	4.82	

Totals class: Total Penta-Furans Entry #: 44

Run: 14 File: 04MAY11M S: 6 I: 1 F: 2
Acquired: 4-MAY-11 13:19:03

Total Concentration: 5.78 Unnamed Concentration: 5.312

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:04	2.49e+04	1.64e+04	1.51	y	4.13e+04	0.430	
30:12	1.66e+05	9.98e+04	1.66	y	2.65e+05	2.76	
30:53	6.40e+04	4.07e+04	1.57	y	1.05e+05	1.09	
31:47	2.65e+04	1.90e+04	1.40	y	4.55e+04	0.474	
32:46	2.54e+04	1.78e+04	1.43	y	4.32e+04	0.465	2,3,4,7,8-PeCDF
32:48	3.08e+04	2.31e+04	1.33	y	5.39e+04	0.560	

Totals class: Total Hexa-Furans Entry #: 45

Run: 14 File: 04MAY11M S: 6 I: 1 F: 3
Acquired: 4-MAY-11 13:19:03

Total Concentration: 25.4 Unnamed Concentration: 21.547

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:13	1.35e+05	1.14e+05	1.19	y	2.49e+05	2.71	
35:28	4.39e+05	3.56e+05	1.23	y	7.95e+05	8.64	
36:22	5.17e+05	4.21e+05	1.23	y	9.38e+05	10.2	
37:09	9.78e+04	7.81e+04	1.25	y	1.76e+05	2.00	1,2,3,4,7,8-HxCDF
37:20	4.29e+04	3.50e+04	1.23	y	7.79e+04	0.792	1,2,3,6,7,8-HxCDF
38:17	5.10e+04	4.15e+04	1.23	y	9.25e+04	1.11	2,3,4,6,7,8-HxCDF

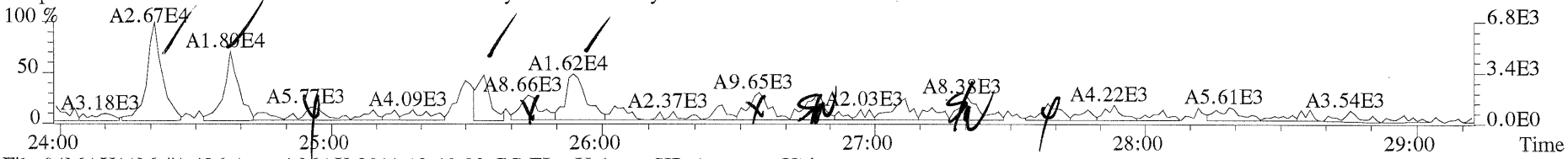
Totals class: Total Hepta-Furans Entry #: 46

Run: 14 File: 04MAY11M S: 6 I: 1 F: 4
Acquired: 4-MAY-11 13:19:03

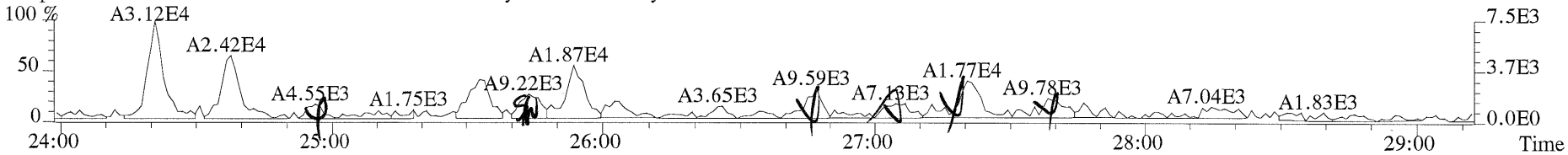
Total Concentration: 88.4 Unnamed Concentration: 60.466

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:14	9.11e+05	8.61e+05	1.06	y	1.77e+06	26.6	1,2,3,4,6,7,8-HpCDF
43:04	1.96e+06	1.85e+06	1.06	y	3.81e+06	60.5	
45:03	4.34e+04	3.77e+04	1.15	y	8.11e+04	1.37	1,2,3,4,7,8,9-HpCDF

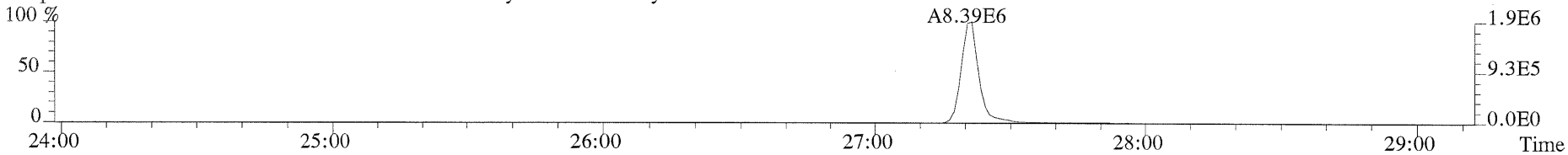
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



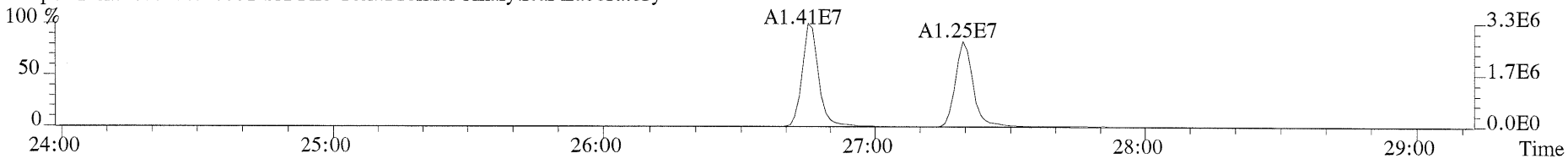
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



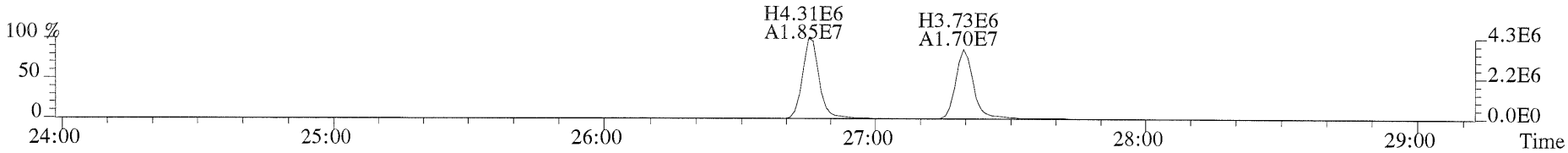
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



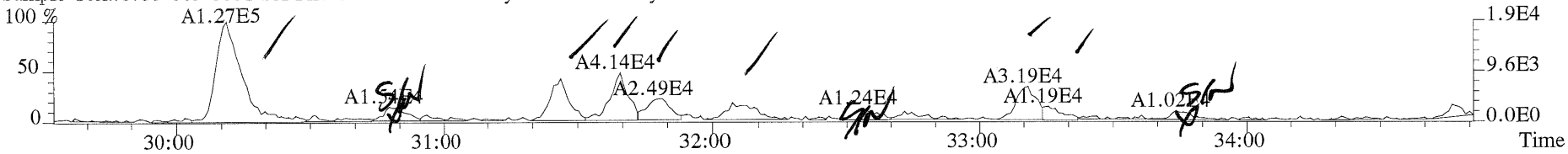
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



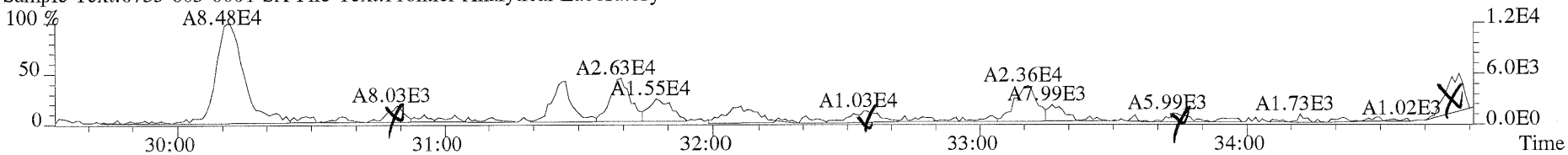
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



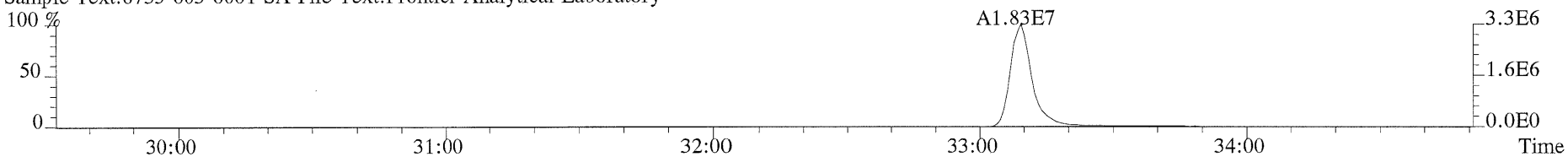
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



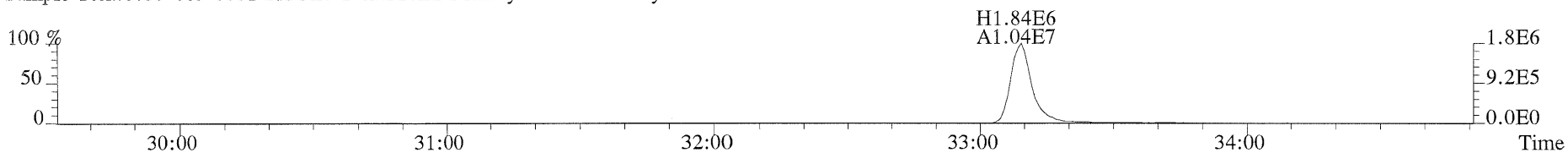
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



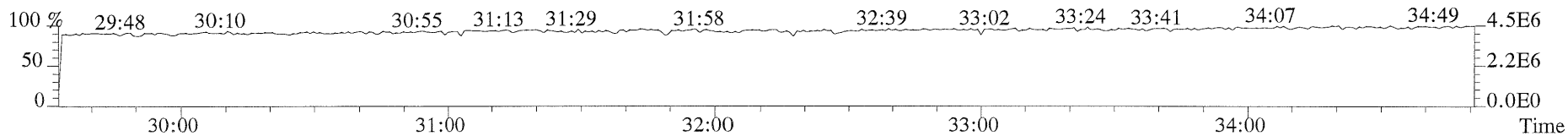
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



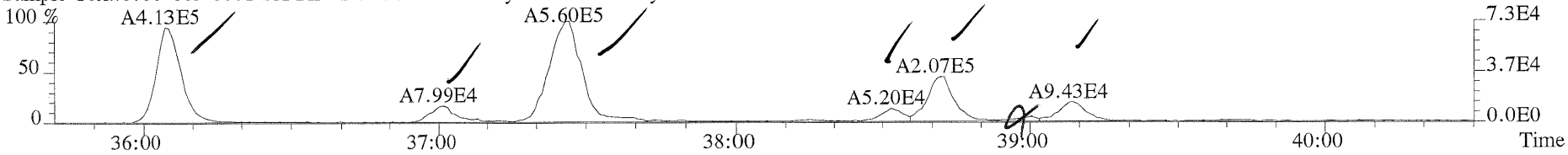
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



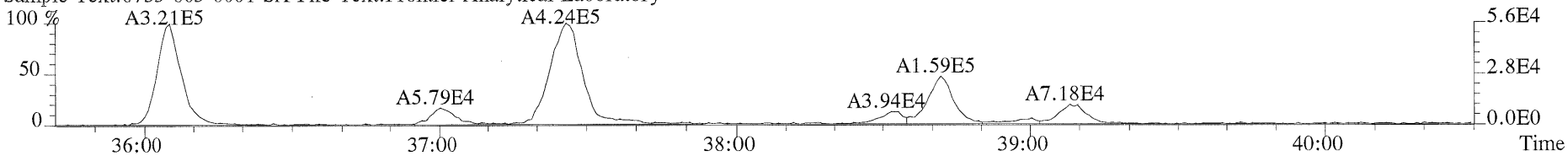
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:6 F:2 Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



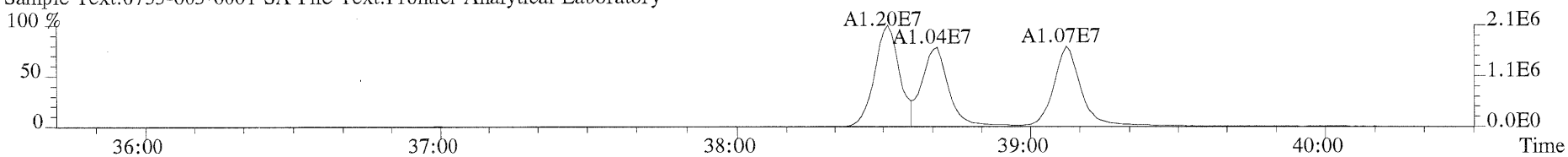
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



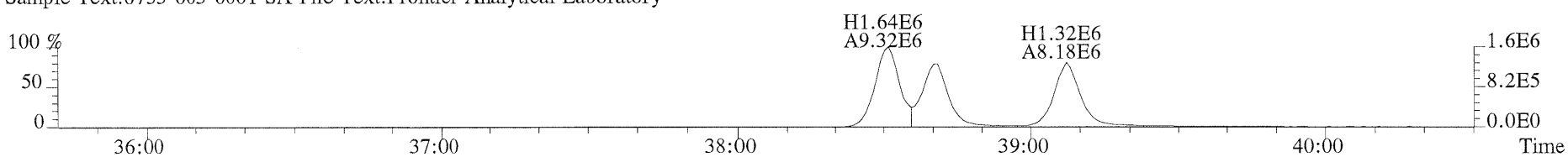
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



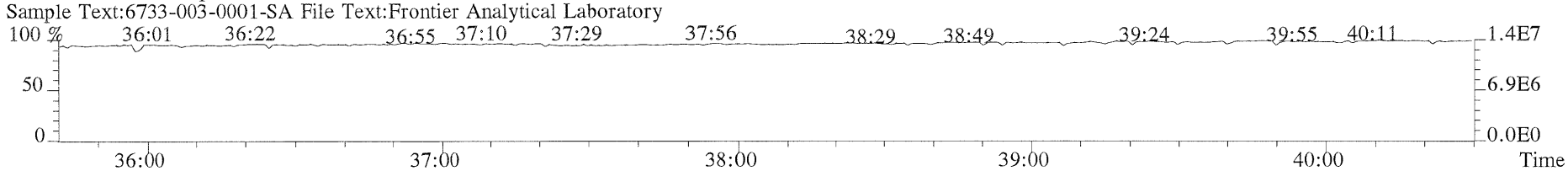
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



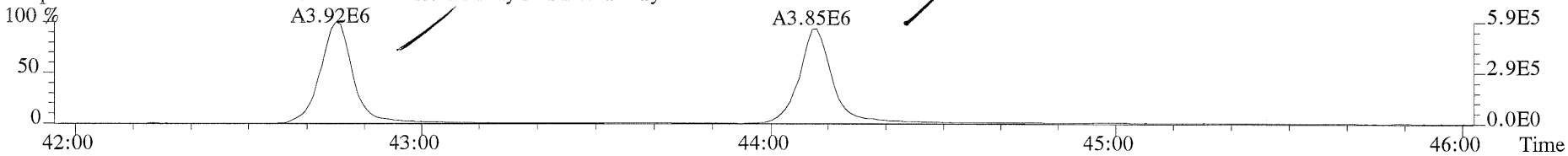
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



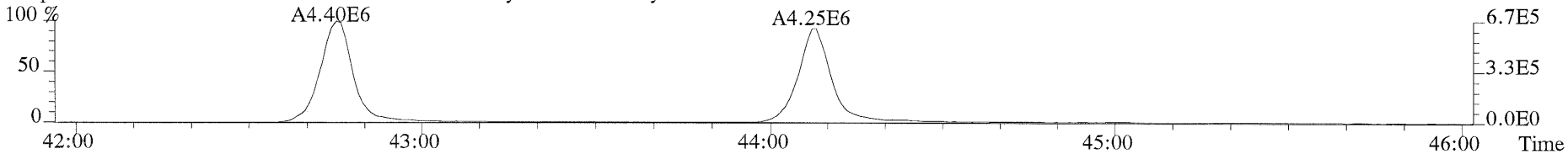
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:6 F:3 Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



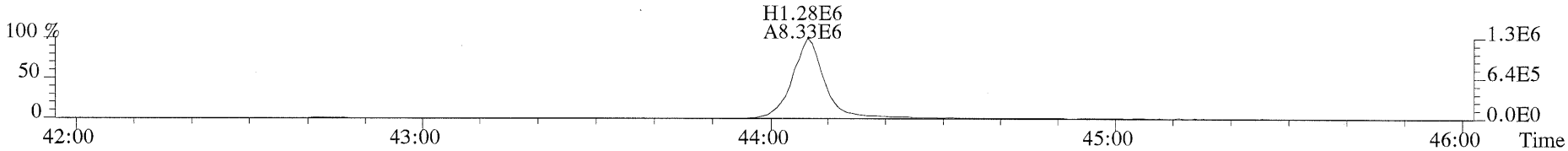
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



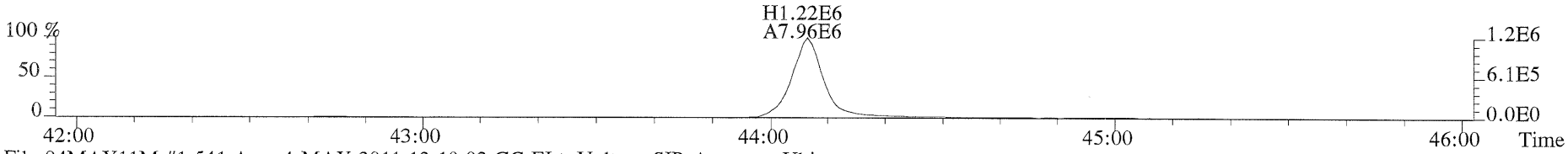
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



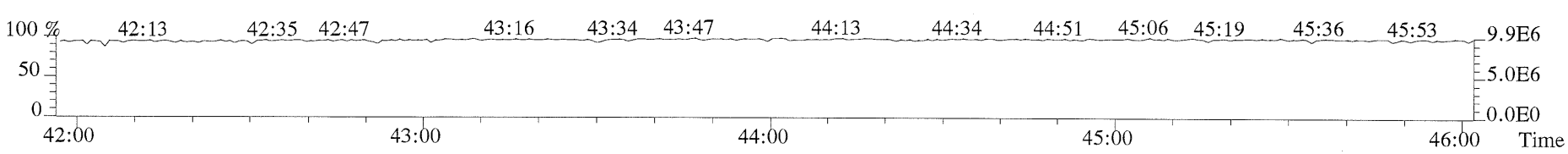
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



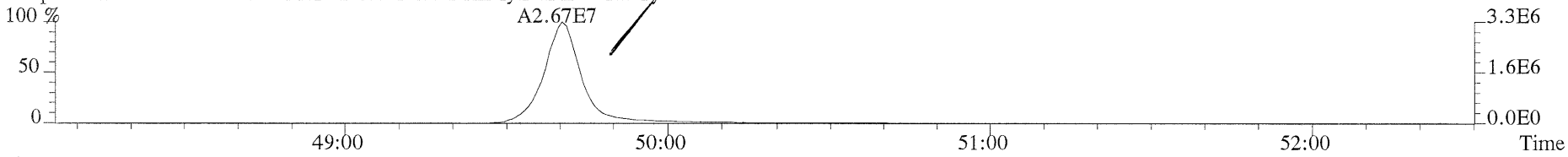
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



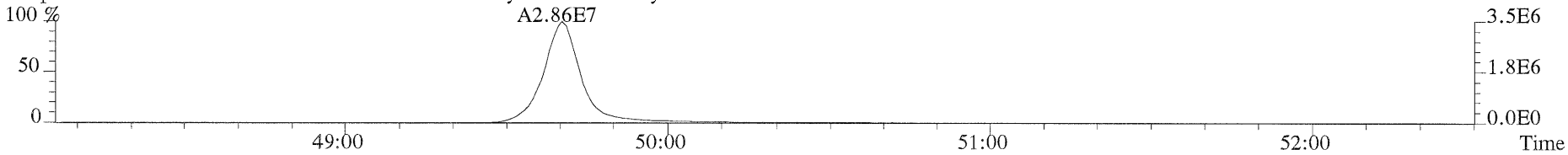
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:6 F:4 Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



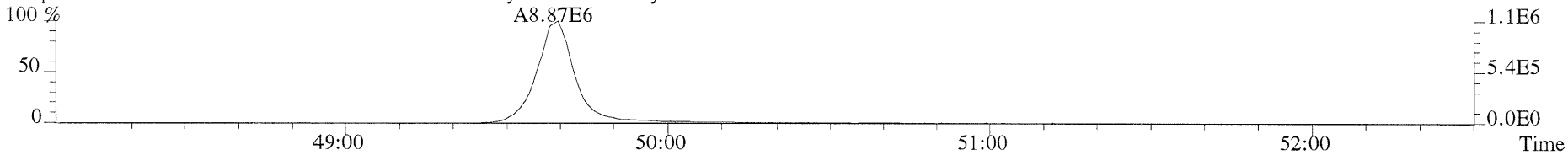
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



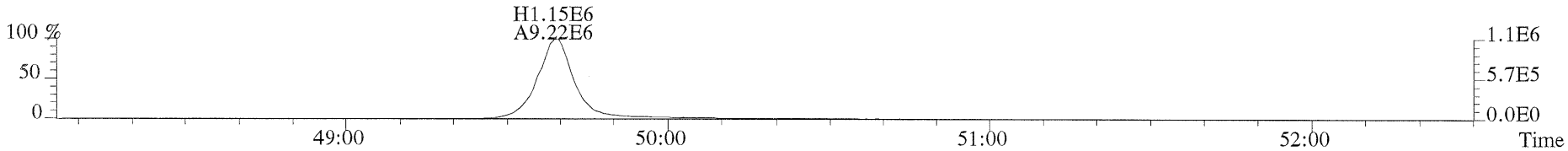
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



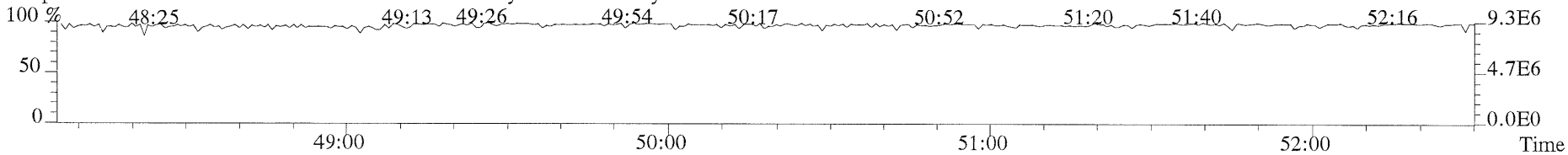
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



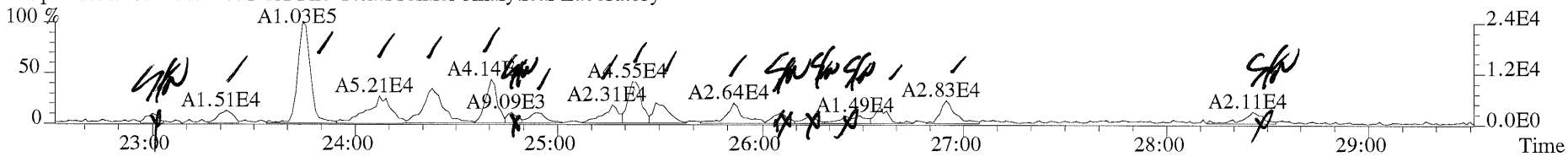
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



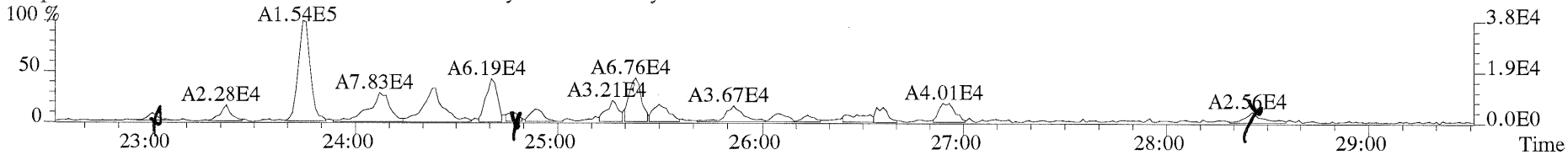
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:6 F:5 Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



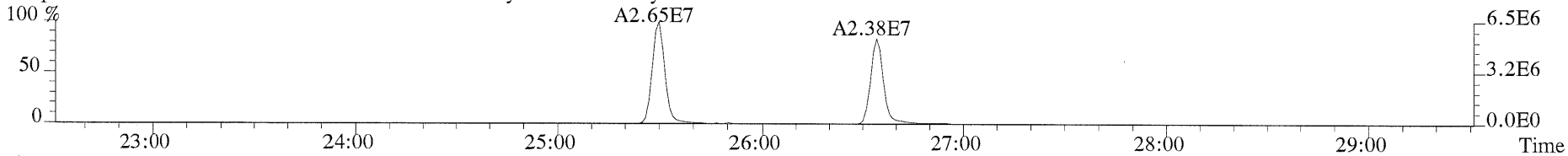
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



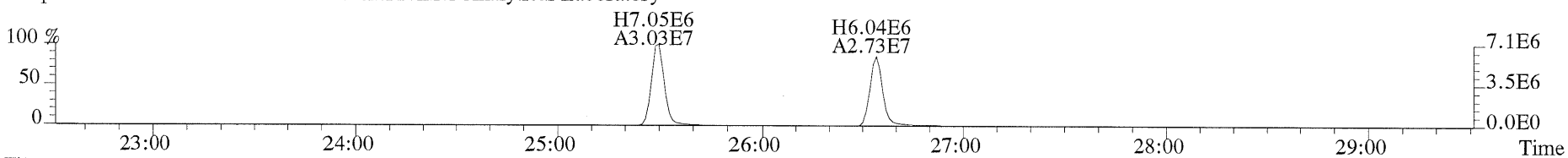
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



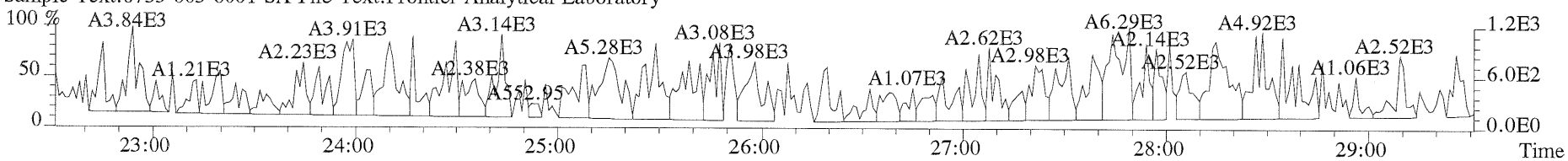
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



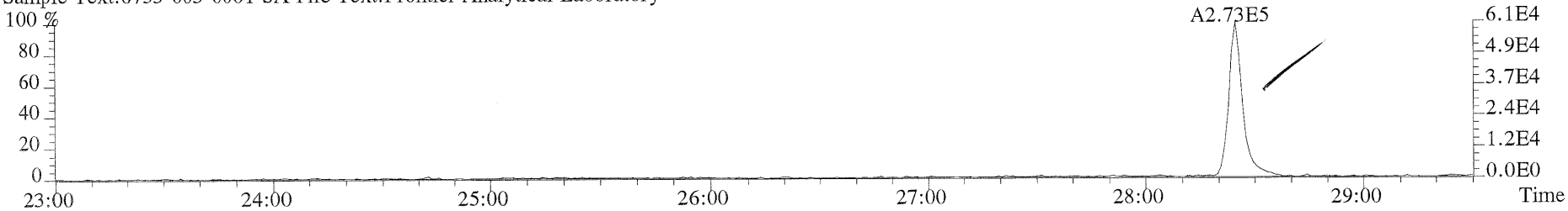
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



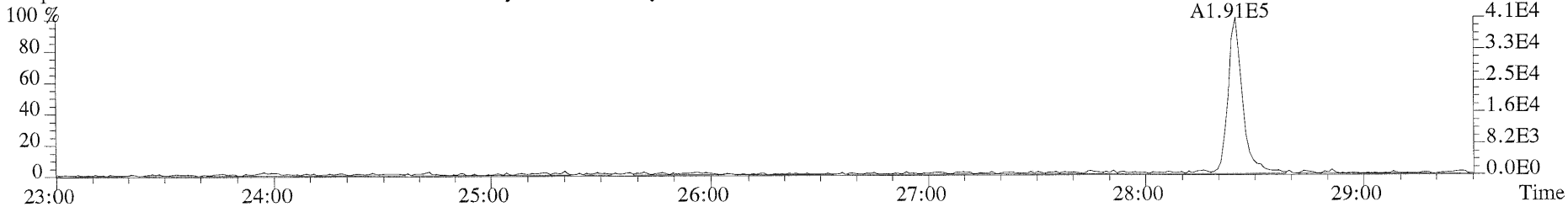
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



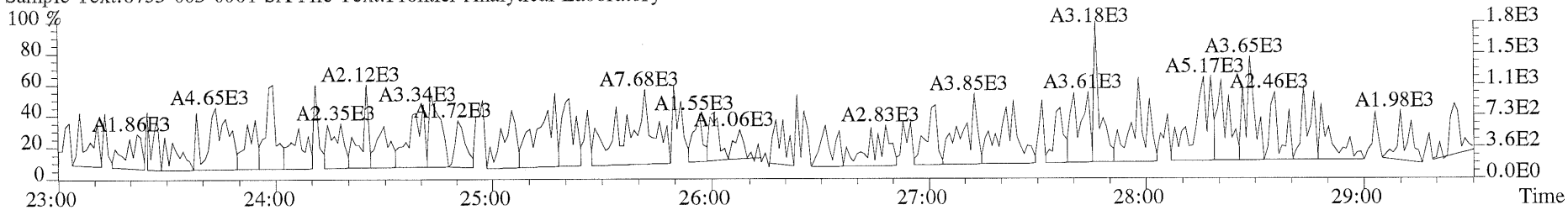
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



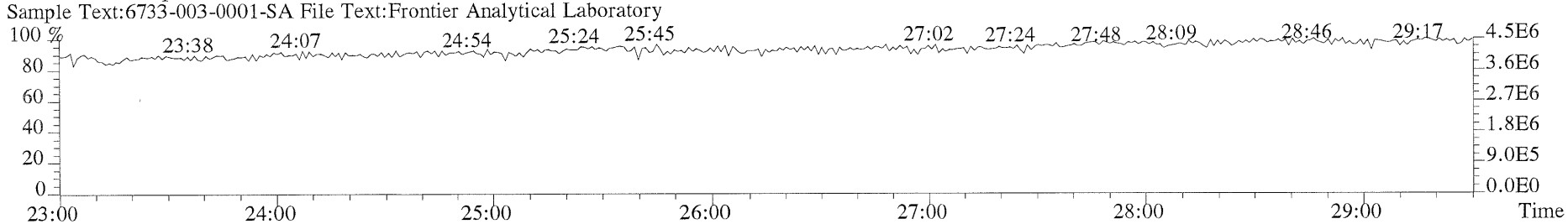
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



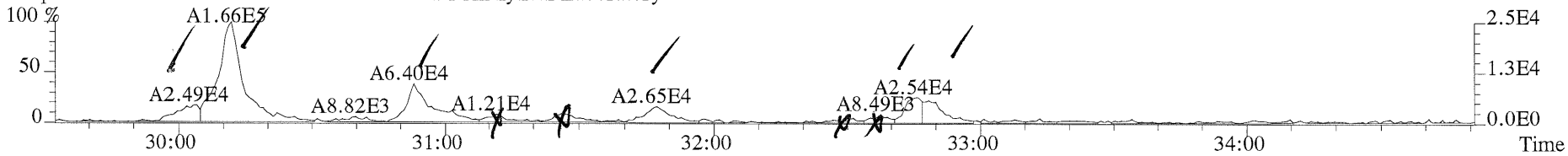
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



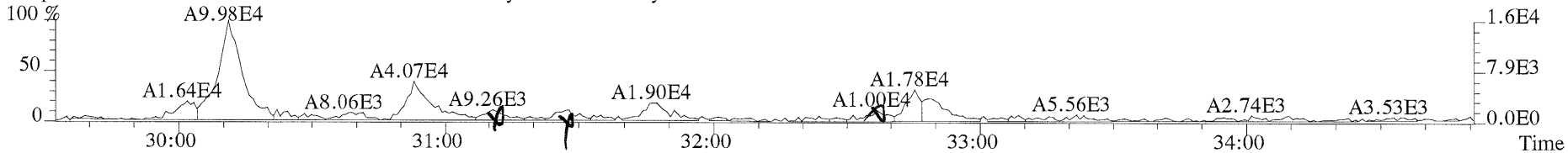
File:04MAY11M #1-426 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:6 Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



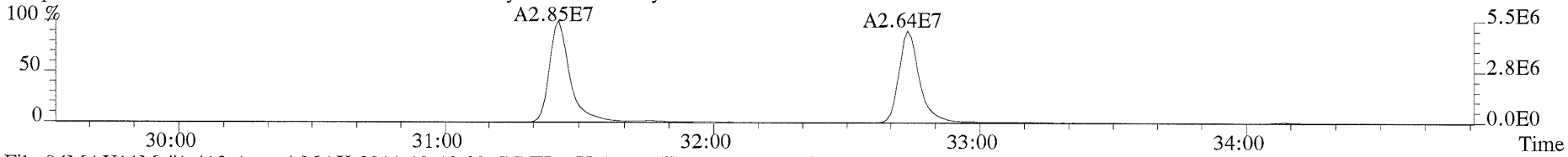
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



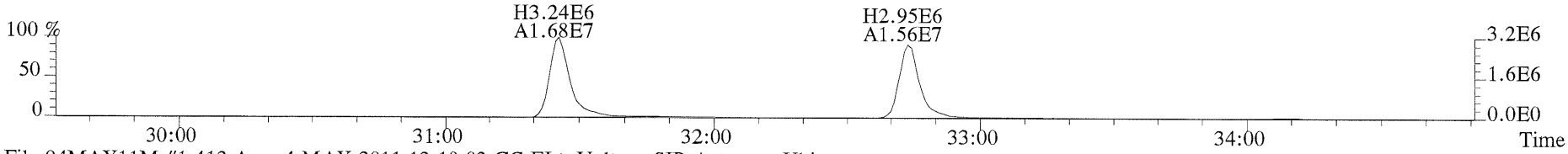
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



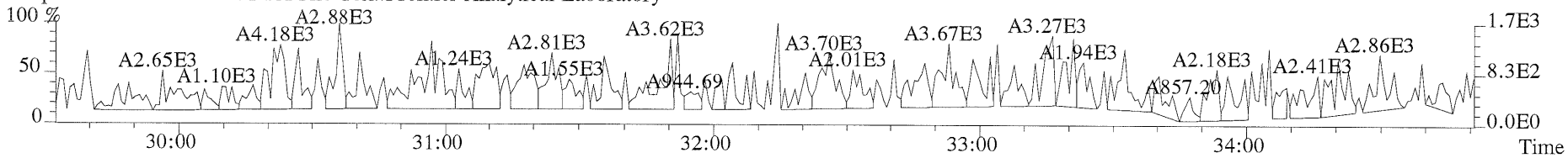
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



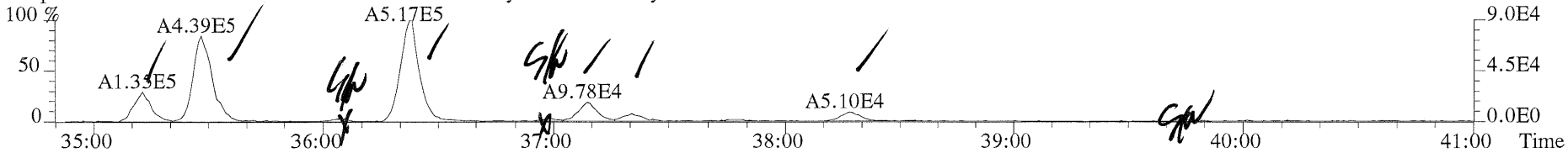
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



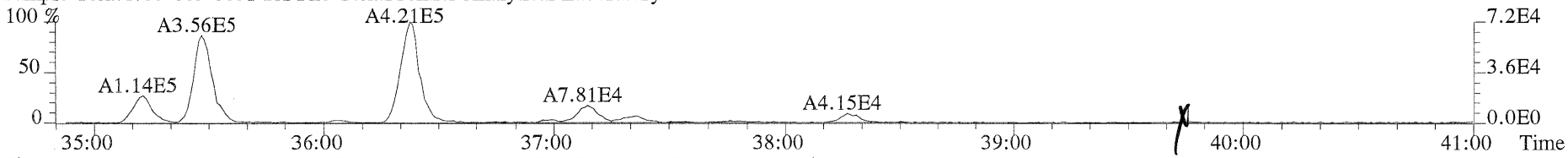
File:04MAY11M #1-412 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:6 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



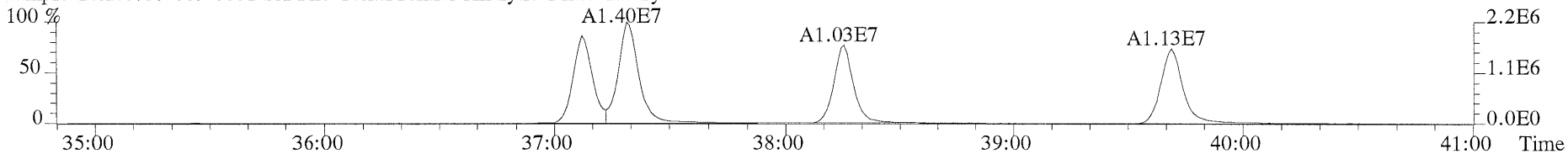
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



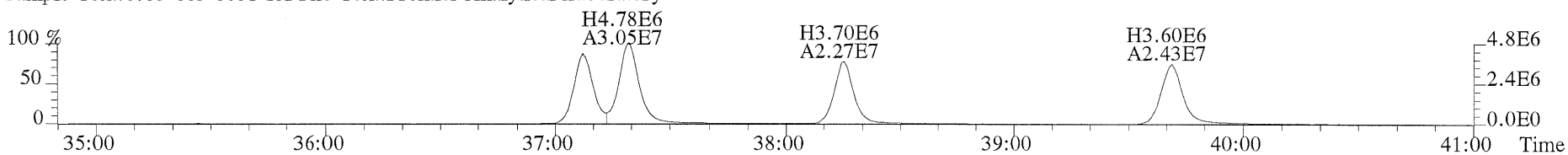
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



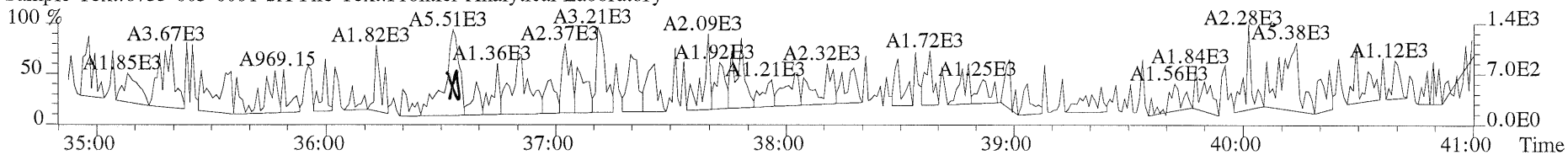
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



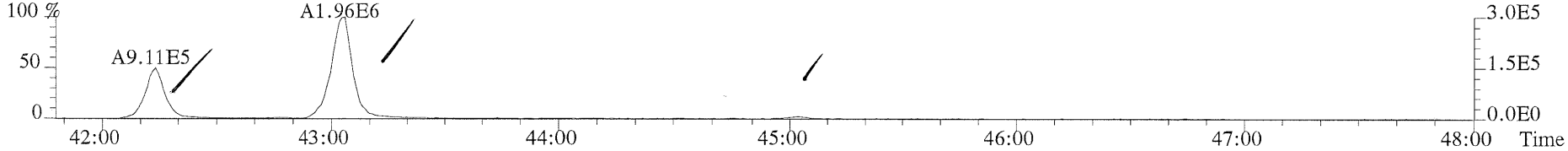
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



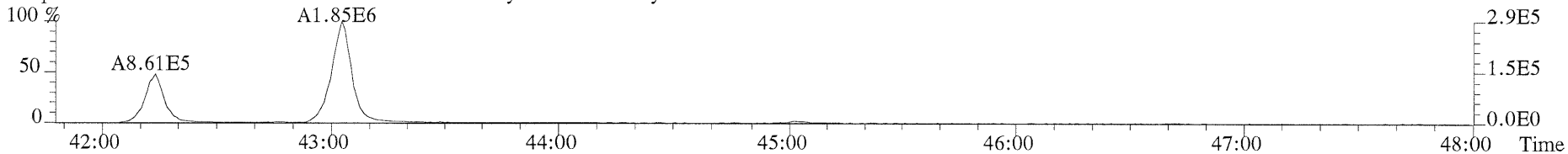
File:04MAY11M #1-476 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



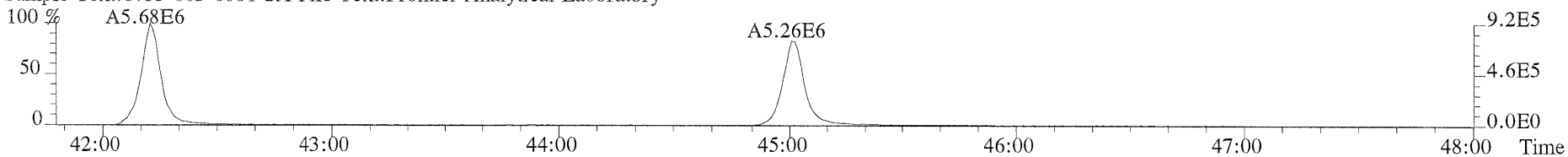
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



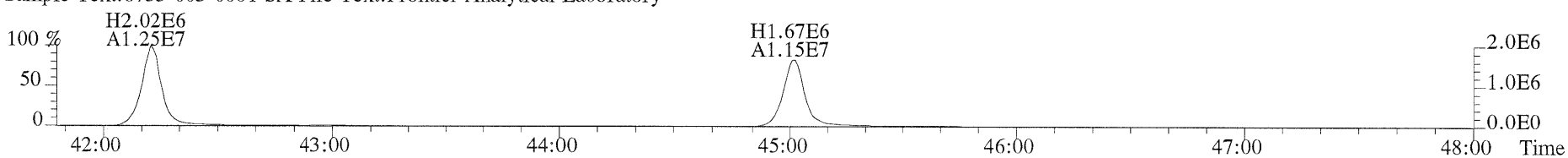
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



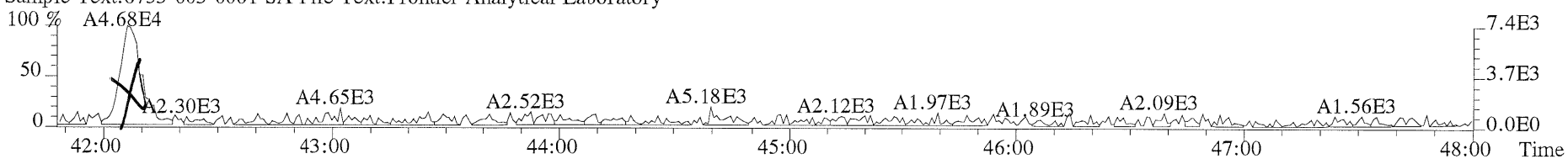
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



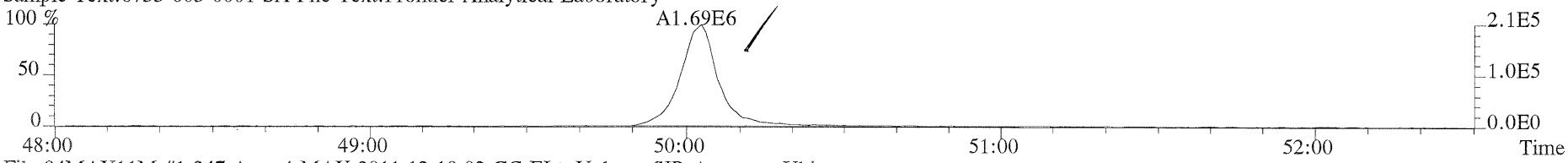
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



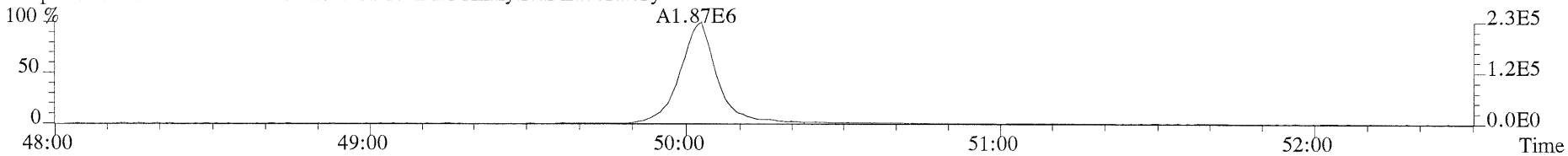
File:04MAY11M #1-541 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



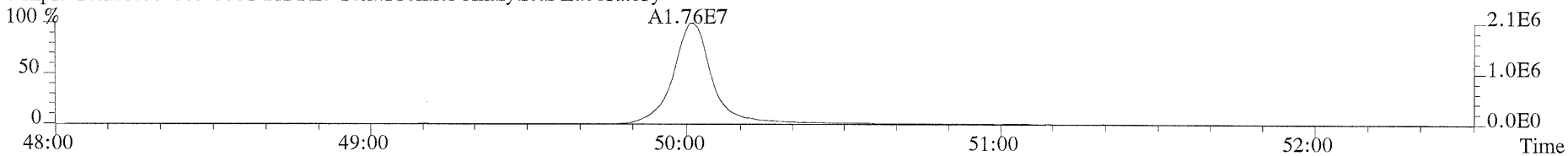
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



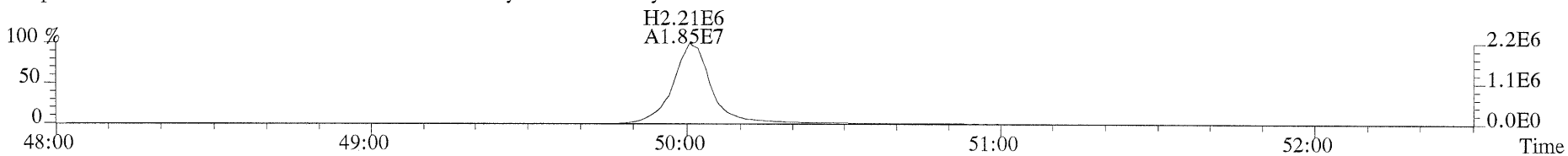
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



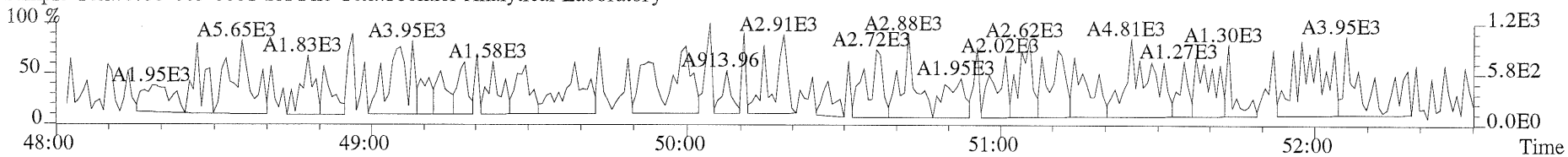
File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 13:19:03 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-003-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-004-0001-SA Filename: 04MAY11M Sam:9 Acquired: 4-MAY-11 16:05:12 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB5-0-0.5-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 5.030 NATO 1989 Tox: 10.0
WHO 1998 Tox: 8.60 WHO 2005 Tox: 8.76

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	1.64e+05	0.80 y	27:20	1.13	1.39		2.50	-	-	*
1,2,3,7,8-PeCDD	1.25e+05	1.48 y	33:11	1.02	1.19	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	2.22e+05	1.31 y	38:31	1.45	1.85	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	8.54e+05	1.32 y	38:42	1.45	8.17		2.50	-	-	*
1,2,3,7,8,9-HxCDD	4.81e+05	1.28 y	39:09	1.47	4.23	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	2.00e+07	0.89 y	44:08	1.30	217		2.50	-	-	*
OCDD	1.53e+08	0.93 y	49:43	1.45	2140		2.50	-	-	*
2,3,7,8-TCDF	2.66e+05	0.66 y	26:35	1.15	1.32		2.50	-	-	*
1,2,3,7,8-PeCDF	1.08e+05	1.52 y	31:25	0.89	0.772	J	2.50	-	-	*
2,3,4,7,8-PeCDF	1.79e+05	1.43 y	32:44	0.89	1.29	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	4.20e+05	1.21 y	37:09	1.01	3.20	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	3.11e+05	1.18 y	37:21	0.89	2.10	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	4.82e+05	1.16 y	38:17	1.02	3.61	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	8.07e+04	1.28 y	39:45	1.10	0.500	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	4.51e+06	1.04 y	42:14	1.48	41.0		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	2.03e+05	1.11 y	45:04	1.43	2.03	J	2.50	-	-	*
OCDF	8.52e+06	0.89 y	50:03	0.84	111		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	4.13e+07	0.77 y	27:19	1.03	409					103
13C-1,2,3,7,8-PeCDD	4.11e+07	1.75 y	33:08	1.01	414					104
13C-1,2,3,4,7,8-HxCDD	3.30e+07	1.29 y	38:31	1.19	397					99.8
13C-1,2,3,6,7,8-HxCDD	2.86e+07	1.27 y	38:41	0.94	438					110
13C-1,2,3,4,6,7,8-HpCDD	2.81e+07	1.03 y	44:07	0.83	488					123
13C-OCDD	3.93e+07	0.96 y	49:41	0.61	928					117
13C-2,3,7,8-TCDF	6.98e+07	0.87 y	26:34	0.98	430					108
13C-1,2,3,7,8-PeCDF	6.30e+07	1.69 y	31:25	0.83	459					115
13C-2,3,4,7,8-PeCDF	6.15e+07	1.70 y	32:44	0.80	462					116
13C-1,2,3,4,7,8-HxCDF	5.18e+07	0.47 y	37:07	1.84	403					101
13C-1,2,3,6,7,8-HxCDF	6.60e+07	0.47 y	37:19	2.29	413					104
13C-2,3,4,6,7,8-HxCDF	5.22e+07	0.48 y	38:15	1.86	402					101
13C-1,2,3,7,8,9-HxCDF	5.81e+07	0.48 y	39:41	1.98	421					106
13C-1,2,3,4,6,7,8-HpCDF	2.95e+07	0.46 y	42:13	0.99	429					108
13C-1,2,3,4,7,8,9-HpCDF	2.79e+07	0.46 y	45:01	0.77	522					131
13C-OCDF	7.24e+07	0.95 y	50:03	1.17	891					112
37Cl-2,3,7,8-TCDD	1.07e+07		27:20	0.73	150					94.2
13C-1,2,3,4-TCDD	3.91e+07	0.77 y	26:45	-	20.5					
13C-1,2,3,4-TCDF	6.59e+07	0.88 y	25:29	-	18.2					
13C-1,2,3,7,8,9-HxCDD	2.77e+07	1.26 y	39:07	-	22.2					

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	9.16e+05		24:21	1.13	7.77	2.50	-	-	*		12
Total Penta-Dioxins	1.48e+06		30:12	1.02	14.1	2.50	-	-	*		10
Total Hexa-Dioxins	6.36e+06		36:05	1.46	56.8	2.50	-	-	*		8
Total Hepta-Dioxins	3.80e+07		42:46	1.30	413	2.50	-	-	*		2
Total Tetra-Furans	8.49e+06		23:20	1.15	42.1	2.50	-	-	*		17
1st Fn. Tot Penta-Furans	3.71e+06		28:24	0.89	26.6	2.50	-	-	*	PeCDF	1
Total Penta-Furans	4.97e+06		30:02	0.89	35.7	2.50	-	-	*	62.3	9
Total Hexa-Furans	9.02e+06		35:12	1.00	63.3	2.50	-	-	*		9
Total Hepta-Furans	1.26e+07		42:14	1.46	118	2.50	-	-	*		4

Analyst: _____ Date: 5/5/14

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 17 File: 04MAY11M S: 9 I: 1 F: 1
Acquired: 4-MAY-11 16:05:12

Total Concentration: 7.77 Unnamed Concentration: 6.379

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
24:21	9.89e+04	1.30e+05	0.76 y	2.29e+05	1.94	
24:36	6.69e+04	8.83e+04	0.76 y	1.55e+05	1.32	
24:55	1.38e+04	1.92e+04	0.72 y	3.30e+04	0.280	
25:33	1.22e+04	1.44e+04	0.85 y	2.66e+04	0.225	
25:44	2.35e+04	3.32e+04	0.71 y	5.67e+04	0.481	
25:53	3.80e+04	4.38e+04	0.87 y	8.19e+04	0.694	
26:02	1.40e+04	1.77e+04	0.79 y	3.17e+04	0.269	
26:25	1.01e+04	1.46e+04	0.69 y	2.47e+04	0.210	
26:46	2.02e+04	2.48e+04	0.82 y	4.49e+04	0.381	
27:05	1.78e+04	2.52e+04	0.71 y	4.30e+04	0.365	
27:20	7.30e+04	9.12e+04	0.80 y	1.64e+05	1.39	2,3,7,8-TCDD
27:38	1.03e+04	1.46e+04	0.71 y	2.49e+04	0.212	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 17 File: 04MAY11M S: 9 I: 1 F: 2
Acquired: 4-MAY-11 16:05:12

Total Concentration: 14.1 Unnamed Concentration: 12.887

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:12	2.76e+05	1.82e+05	1.52	y	4.58e+05	4.36	
30:48	4.20e+04	2.84e+04	1.48	y	7.04e+04	0.670	
31:25	1.22e+05	7.65e+04	1.59	y	1.99e+05	1.89	
31:39	9.96e+04	6.70e+04	1.49	y	1.67e+05	1.59	
31:48	1.03e+05	6.54e+04	1.58	y	1.69e+05	1.61	
32:05	8.60e+04	5.40e+04	1.59	y	1.40e+05	1.33	
32:33	3.78e+04	2.66e+04	1.42	y	6.44e+04	0.613	
33:11	7.47e+04	5.04e+04	1.48	y	1.25e+05	1.19	1,2,3,7,8-PeCDD
33:15	2.79e+04	1.63e+04	1.71	y	4.41e+04	0.420	
33:45	2.55e+04	1.68e+04	1.52	y	4.24e+04	0.403	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 17 File: 04MAY11M S: 9 I: 1 F: 3
Acquired: 4-MAY-11 16:05:12

Total Concentration: 56.8 Unnamed Concentration: 42.589

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:05	9.38e+05	7.11e+05	1.32	y	1.65e+06	14.6	
37:00	2.71e+05	1.99e+05	1.36	y	4.70e+05	4.17	
37:26	1.39e+06	1.06e+06	1.32	y	2.45e+06	21.7	
37:37	7.29e+04	5.39e+04	1.35	y	1.27e+05	1.13	
38:31	1.26e+05	9.59e+04	1.31	y	2.22e+05	1.85	1,2,3,4,7,8-HxCDD
38:42	4.86e+05	3.68e+05	1.32	y	8.54e+05	8.17	1,2,3,6,7,8-HxCDD
38:59	6.03e+04	5.01e+04	1.20	y	1.10e+05	0.979	
39:09	2.70e+05	2.11e+05	1.28	y	4.81e+05	4.23	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 17 File: 04MAY11M S: 9 I: 1 F: 4
Acquired: 4-MAY-11 16:05:12

Total Concentration: 413 Unnamed Concentration: 195.602

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:46	8.46e+06	9.54e+06	0.89	y	1.80e+07	196	
44:08	9.42e+06	1.06e+07	0.89	y	2.00e+07	217	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 17 File: 04MAY11M S: 9 I: 1 F: 1
Acquired: 4-MAY-11 16:05:12

Total Concentration: 42.1 Unnamed Concentration: 40.781

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:20	1.19e+05	1.79e+05	0.67	y	2.98e+05	1.48	
23:44	9.30e+05	1.42e+06	0.66	y	2.35e+06	11.6	
24:07	1.98e+05	2.91e+05	0.68	y	4.89e+05	2.43	
24:23	2.80e+05	4.24e+05	0.66	y	7.05e+05	3.50	
24:39	4.91e+05	7.32e+05	0.67	y	1.22e+06	6.07	
24:53	6.89e+04	9.79e+04	0.70	y	1.67e+05	0.827	
25:16	9.91e+04	1.45e+05	0.69	y	2.44e+05	1.21	
25:22	4.99e+05	7.53e+05	0.66	y	1.25e+06	6.21	
25:30	1.11e+05	1.62e+05	0.69	y	2.73e+05	1.35	
25:51	9.13e+04	1.37e+05	0.67	y	2.28e+05	1.13	
26:04	5.16e+04	7.17e+04	0.72	y	1.23e+05	0.612	
26:13	4.19e+04	5.18e+04	0.81	y	9.37e+04	0.465	
26:24	4.49e+04	5.15e+04	0.87	y	9.64e+04	0.478	
26:29	4.53e+04	6.50e+04	0.70	y	1.10e+05	0.547	
26:35	1.06e+05	1.60e+05	0.66	y	2.66e+05	1.32	2,3,7,8-TCDF
26:55	1.34e+05	1.90e+05	0.70	y	3.24e+05	1.61	
28:24	9.79e+04	1.48e+05	0.66	y	2.46e+05	1.22	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 17 File: 04MAY11M S: 9 I: 1 F: 1
Acquired: 4-MAY-11 16:05:12

Total Concentration: 26.6 Unnamed Concentration: 26.649

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
28:24	2.23e+06	1.48e+06	1.51	y	3.71e+06	26.6	

Totals class: Total Penta-Furans Entry #: 44

Run: 17 File: 04MAY11M S: 9 I: 1 F: 2
Acquired: 4-MAY-11 16:05:12

Total Concentration: 35.7 Unnamed Concentration: 33.622

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:02	1.36e+05	8.92e+04	1.52	y	2.25e+05	1.61	
30:11	1.54e+06	9.75e+05	1.58	y	2.52e+06	18.1	
30:53	5.42e+05	3.30e+05	1.65	y	8.72e+05	6.26	
31:11	3.84e+04	2.65e+04	1.45	y	6.49e+04	0.466	
31:25	6.54e+04	4.30e+04	1.52	y	1.08e+05	0.772	1,2,3,7,8-PeCDF
31:47	1.97e+05	1.27e+05	1.55	y	3.24e+05	2.33	
32:36	5.37e+04	3.59e+04	1.50	y	8.97e+04	0.643	
32:44	1.05e+05	7.34e+04	1.43	y	1.79e+05	1.29	2,3,4,7,8-PeCDF
32:49	3.66e+05	2.24e+05	1.64	y	5.90e+05	4.23	

Totals class: Total Hexa-Furans Entry #: 45

Run: 17 File: 04MAY11M S: 9 I: 1 F: 3
Acquired: 4-MAY-11 16:05:12

Total Concentration: 63.3 Unnamed Concentration: 53.848

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:12	4.75e+05	3.97e+05	1.20	y	8.72e+05	6.08	
35:28	2.00e+06	1.62e+06	1.23	y	3.62e+06	25.2	
36:04	4.87e+04	4.19e+04	1.16	y	9.06e+04	0.631	
36:22	1.68e+06	1.36e+06	1.23	y	3.04e+06	21.2	
36:59	5.58e+04	4.92e+04	1.13	y	1.05e+05	0.732	
37:09	2.30e+05	1.90e+05	1.21	y	4.20e+05	3.20	1,2,3,4,7,8-HxCDF
37:21	1.69e+05	1.43e+05	1.18	y	3.11e+05	2.10	1,2,3,6,7,8-HxCDF
38:17	2.60e+05	2.23e+05	1.16	y	4.82e+05	3.61	2,3,4,6,7,8-HxCDF
39:45	4.53e+04	3.54e+04	1.28	y	8.07e+04	0.500	1,2,3,7,8,9-HxCDF

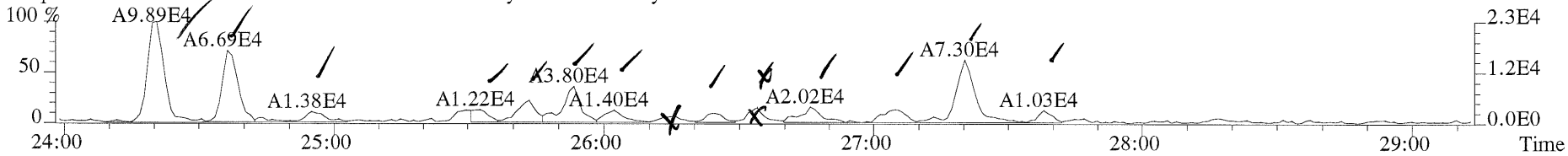
Totals class: Total Hepta-Furans Entry #: 46

Run: 17 File: 04MAY11M S: 9 I: 1 F: 4
Acquired: 4-MAY-11 16:05:12

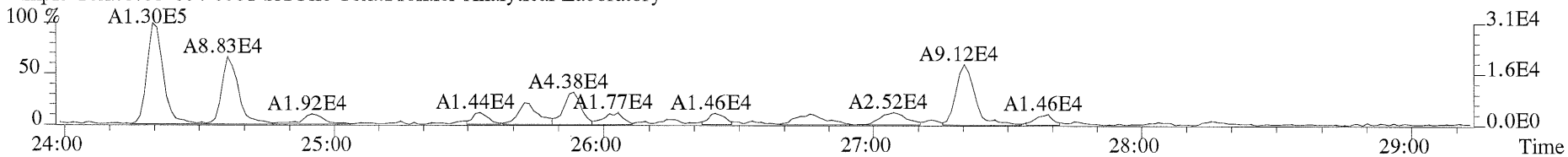
Total Concentration: 118 Unnamed Concentration: 74.977

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:14	2.30e+06	2.21e+06	1.04	y	4.51e+06	41.0	1,2,3,4,6,7,8-HpCDF
42:46	4.79e+04	5.06e+04	0.95	y	9.85e+04	0.936	
43:03	4.00e+06	3.79e+06	1.06	y	7.79e+06	74.0	
45:04	1.07e+05	9.63e+04	1.11	y	2.03e+05	2.03	1,2,3,4,7,8,9-HpCDF

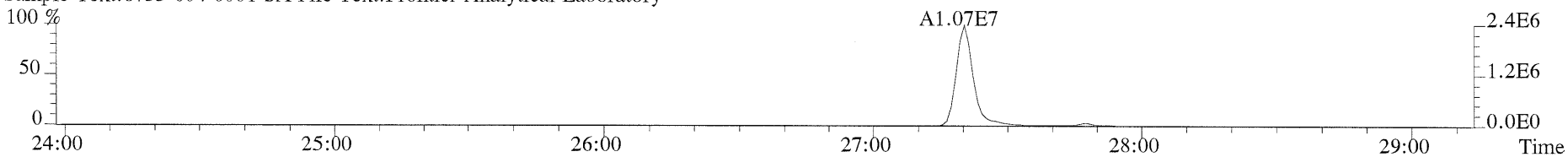
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



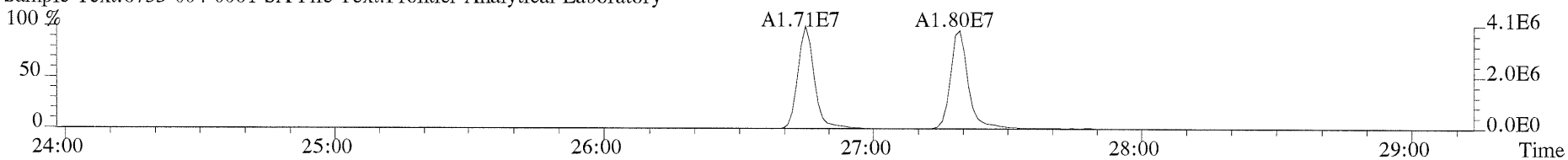
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



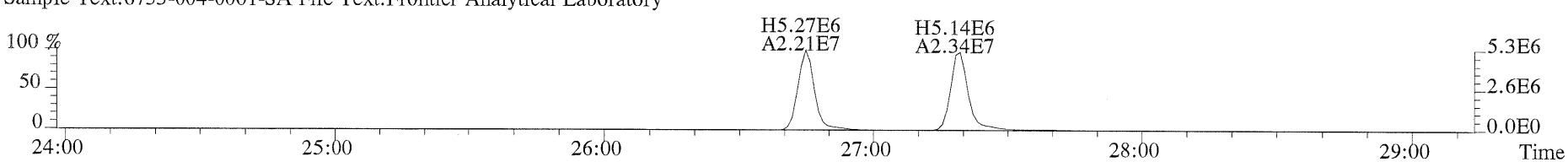
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



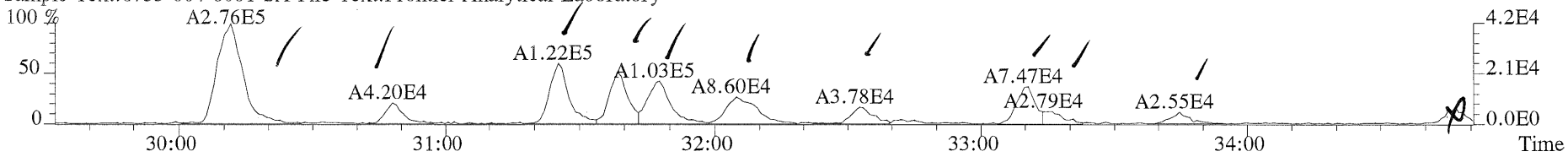
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



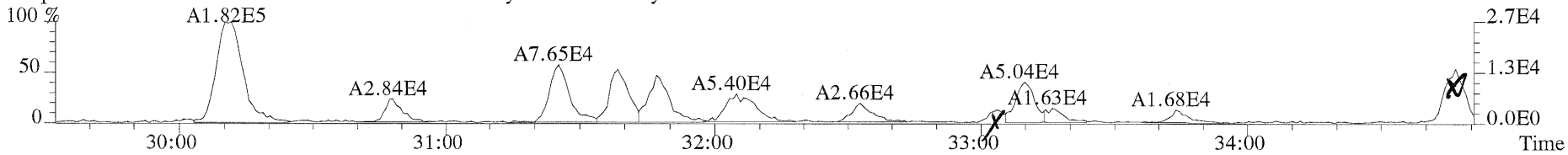
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



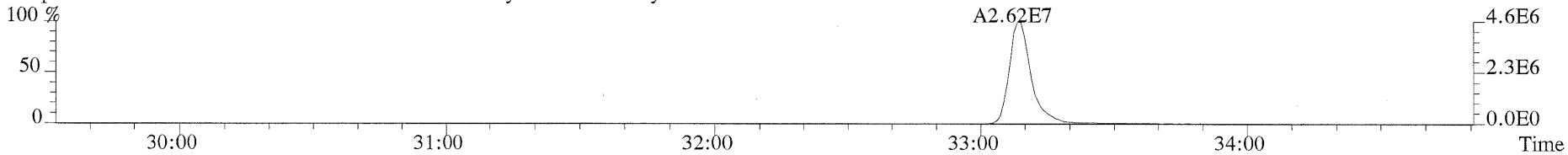
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



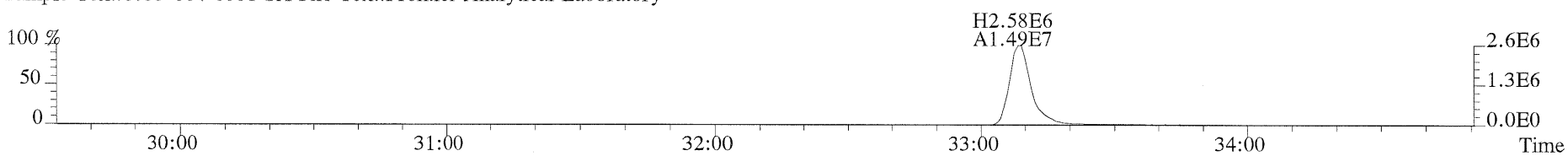
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



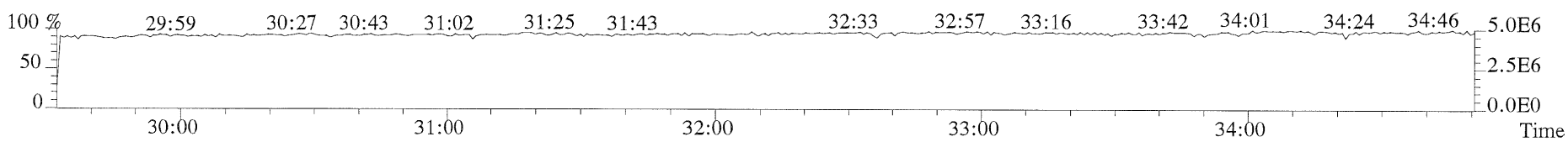
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



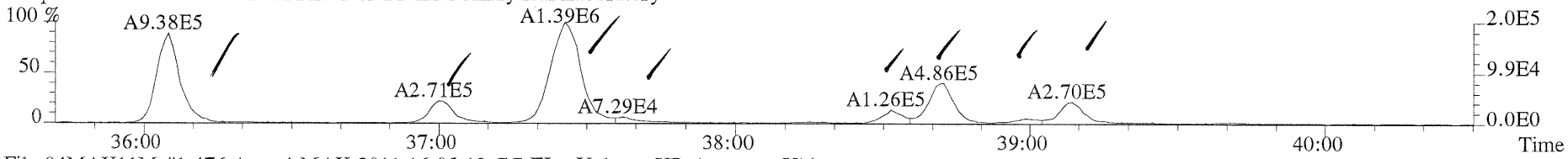
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



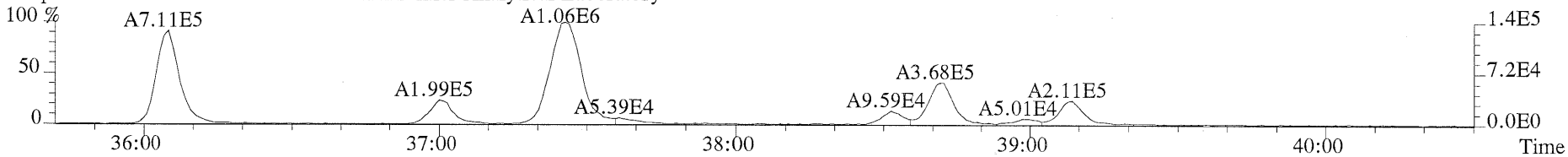
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:9 F:2 Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



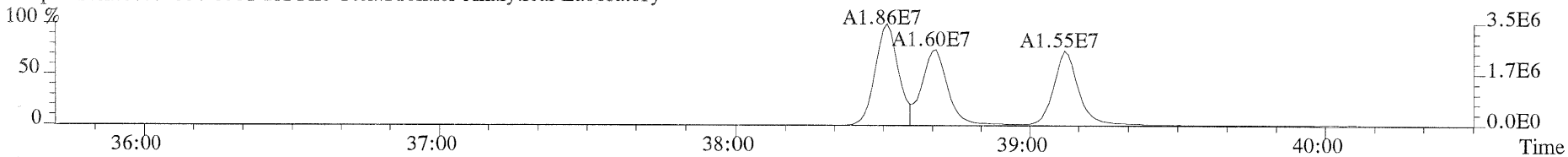
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



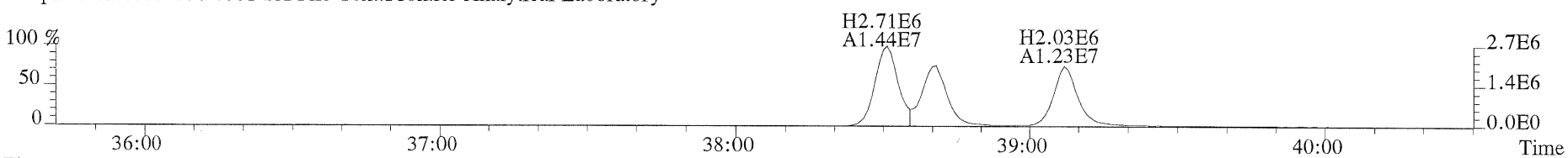
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



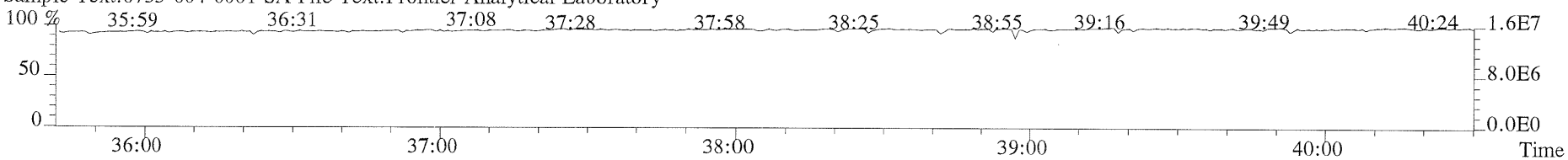
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



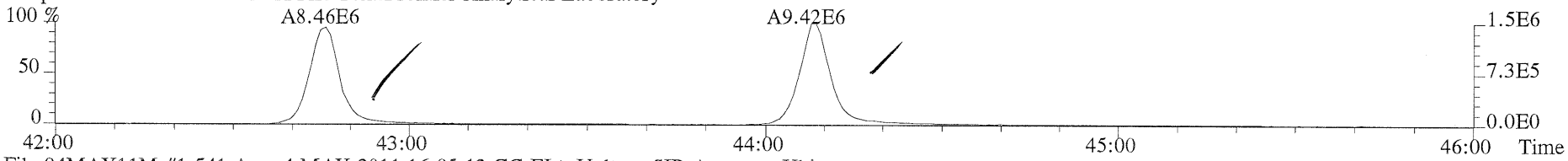
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



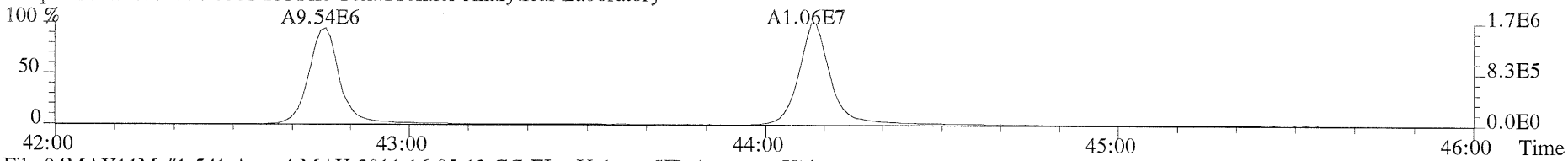
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:9 F:3 Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



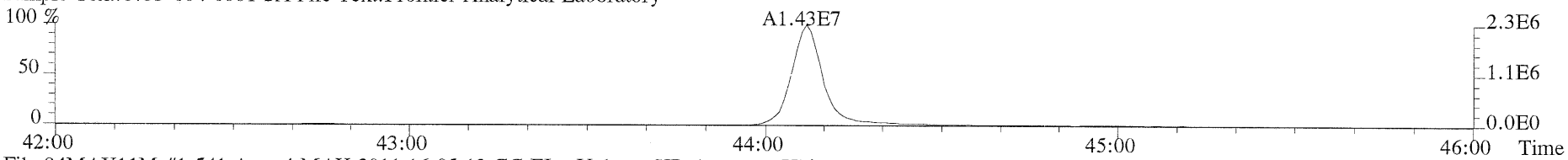
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



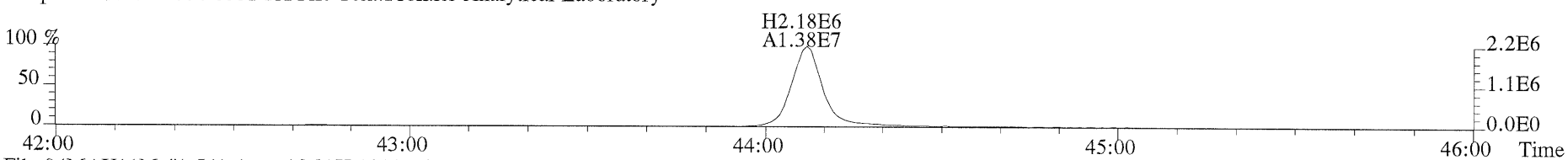
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



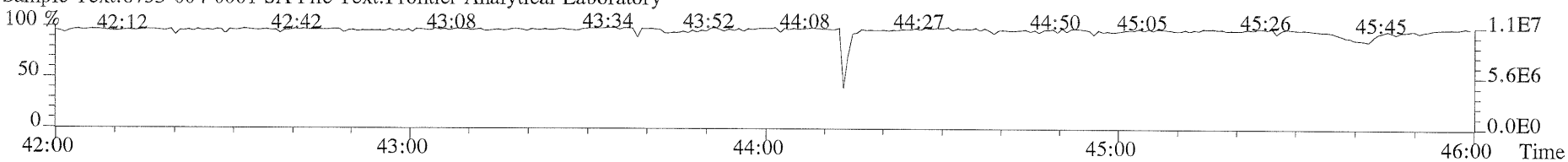
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



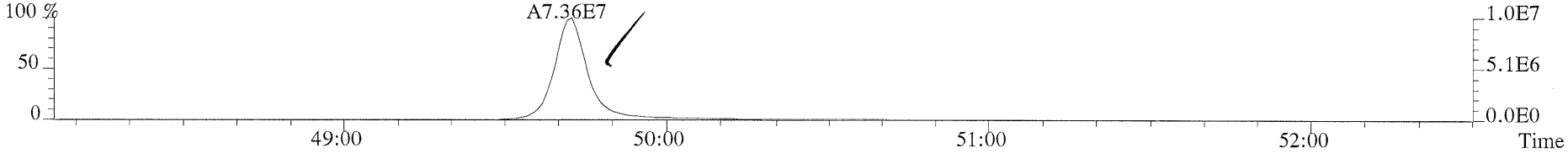
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



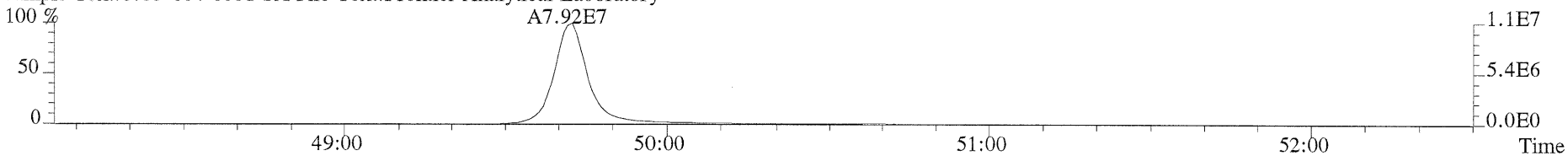
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:9 F:4 Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



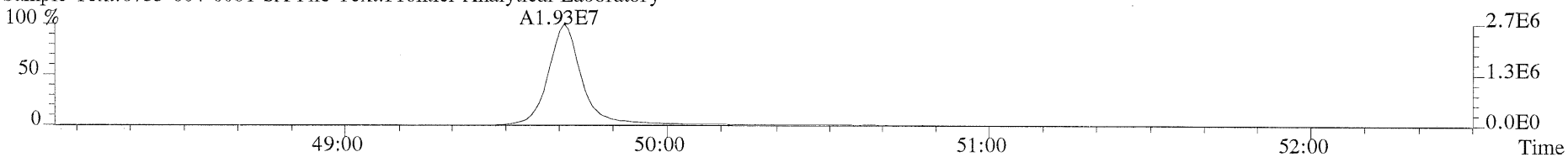
File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



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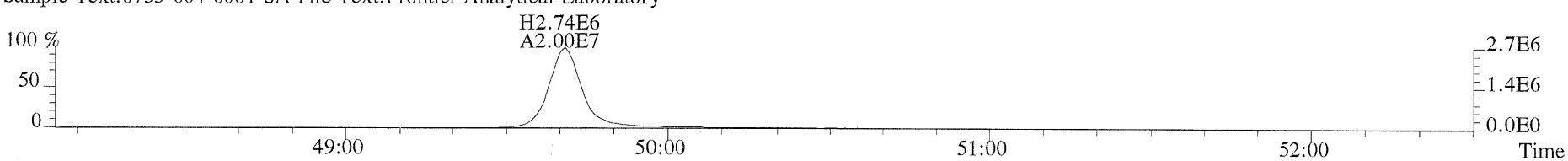
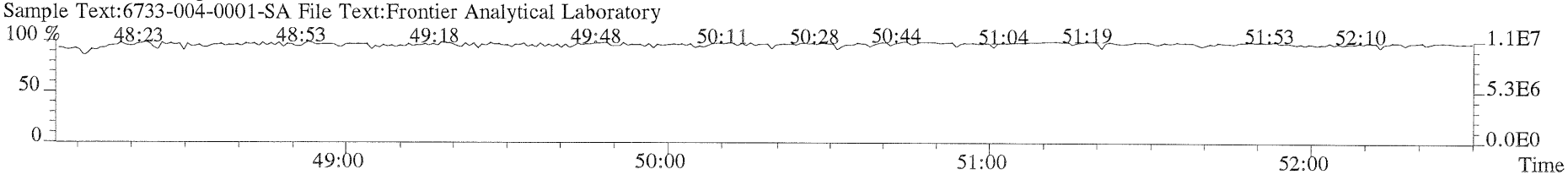
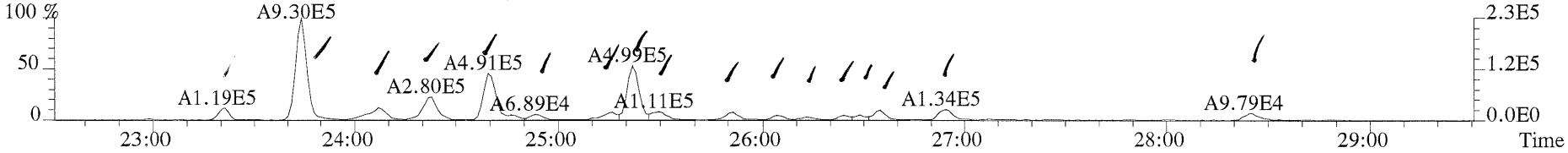
471.7750 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



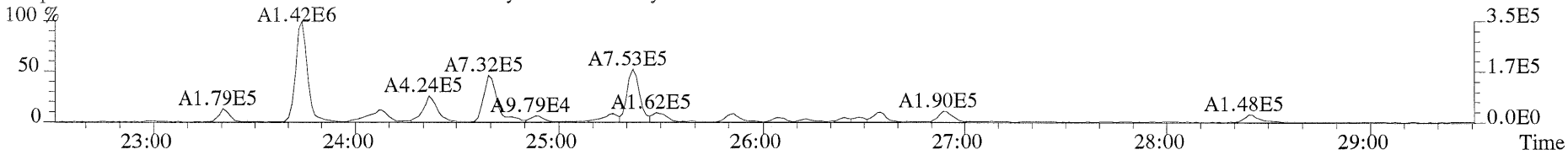
File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:9 F:5 Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



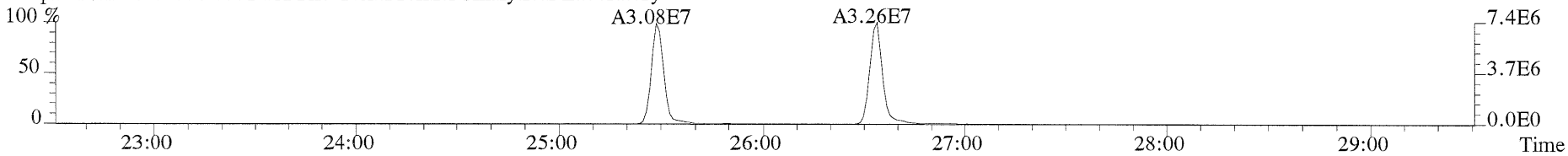
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



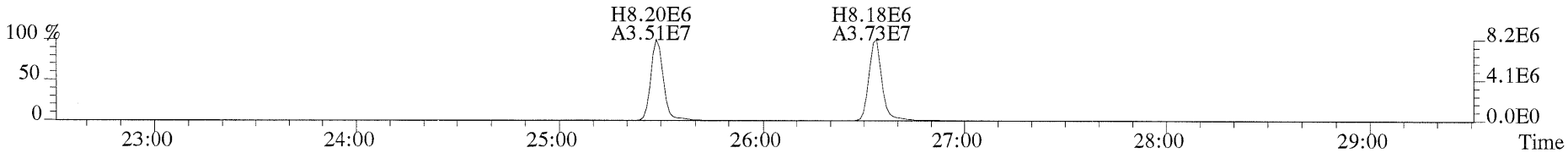
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



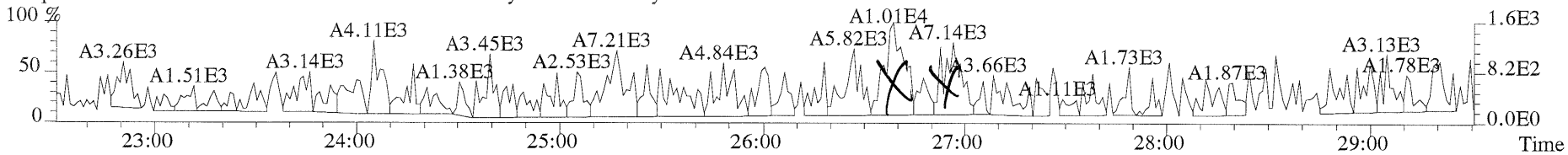
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



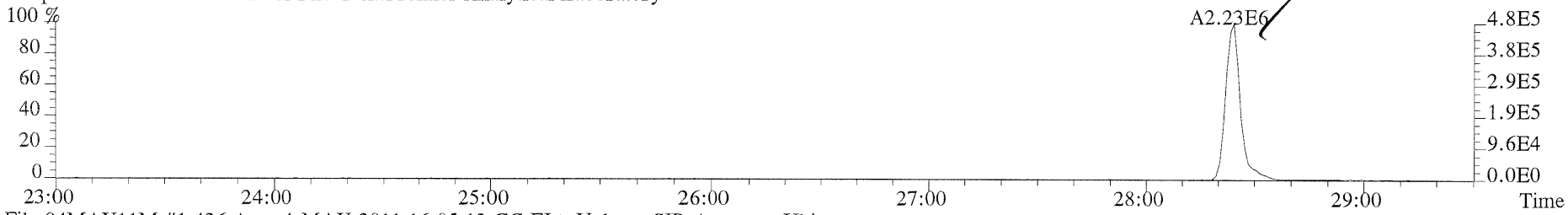
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



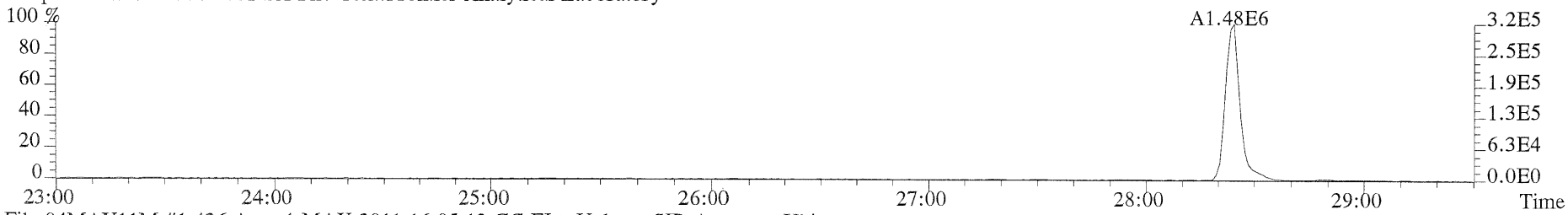
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



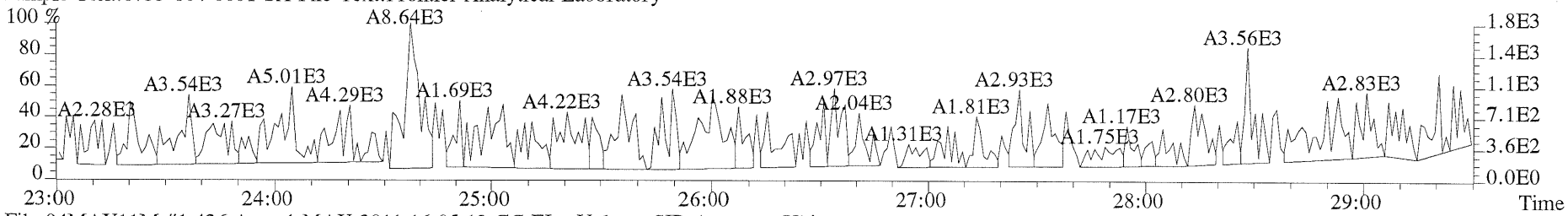
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



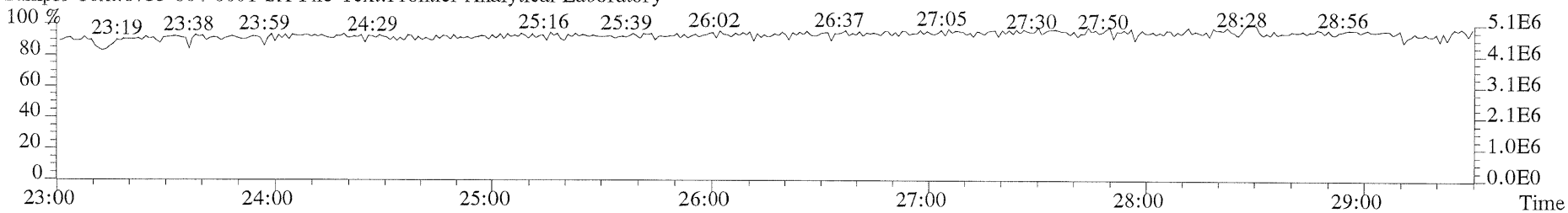
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



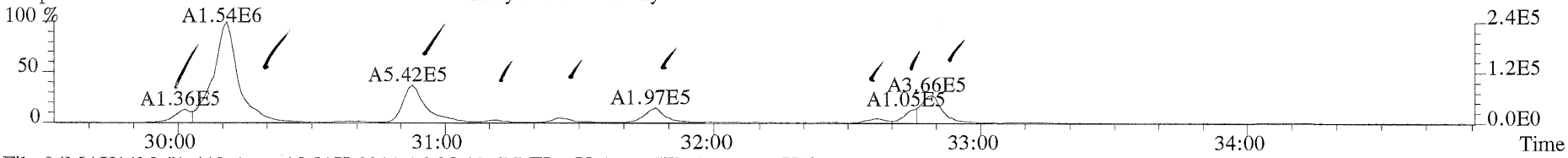
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:9 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



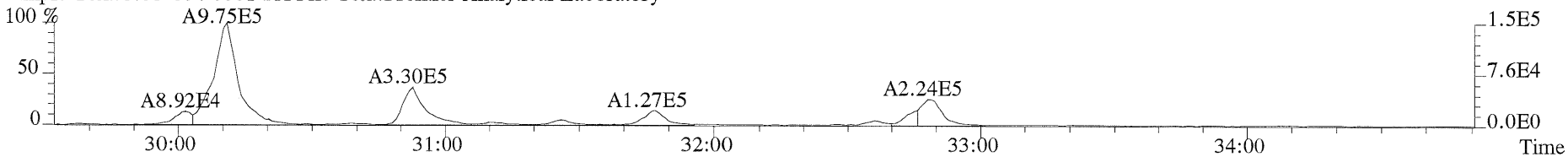
File:04MAY11M #1-426 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:9 Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



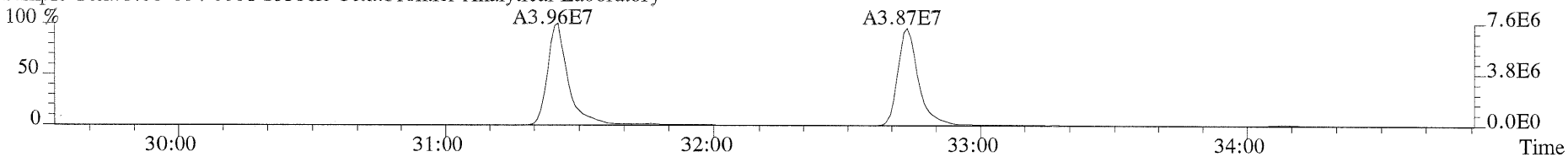
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



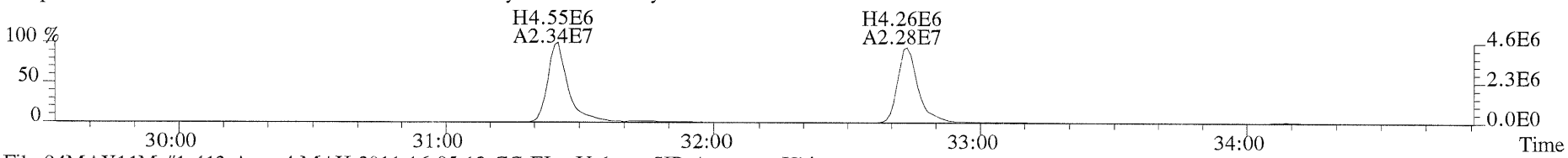
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



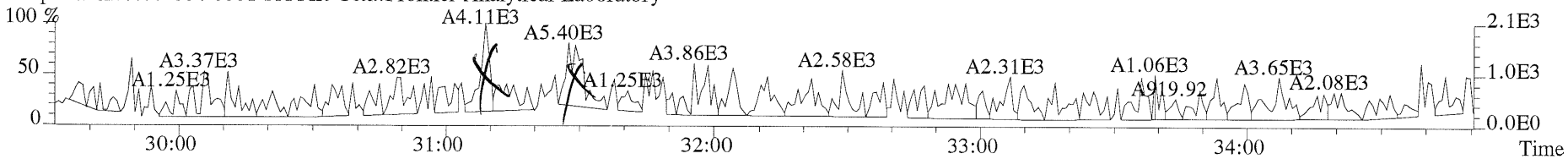
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



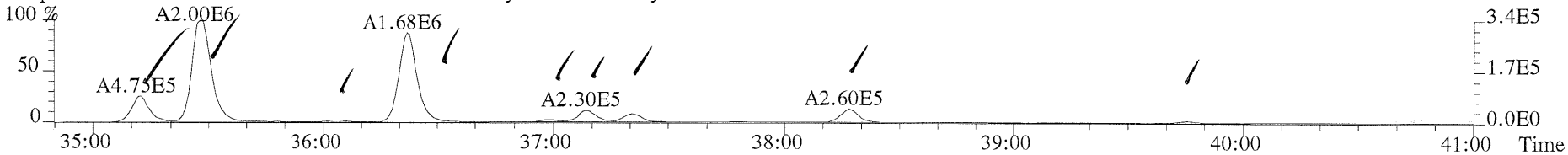
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



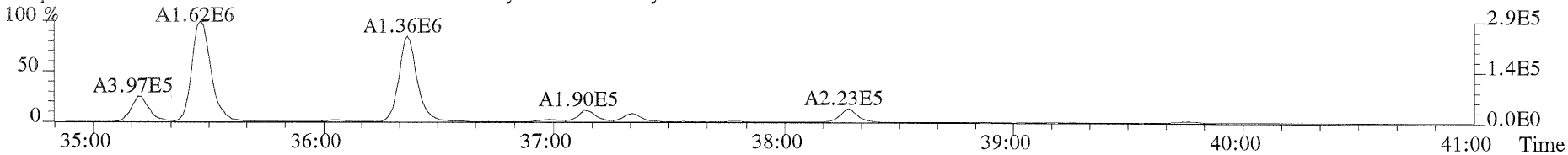
File:04MAY11M #1-412 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:9 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



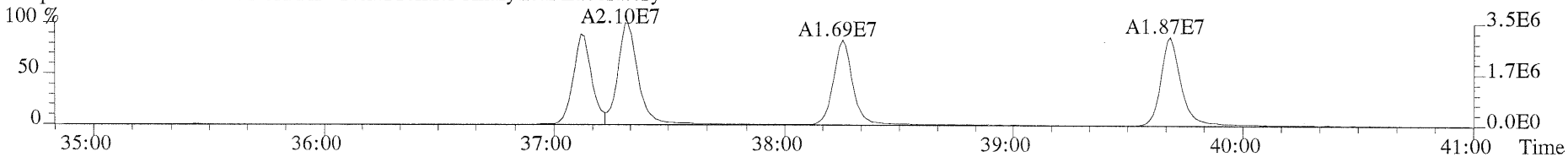
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



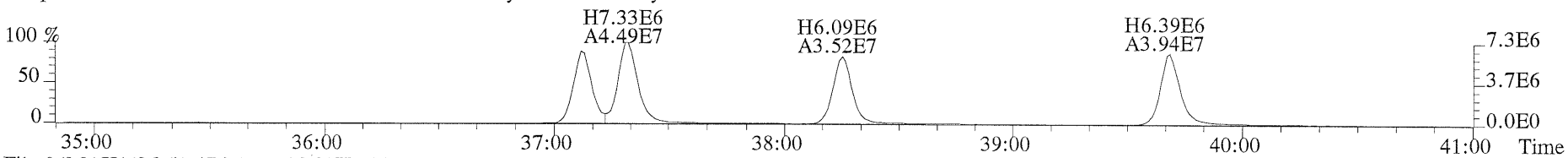
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



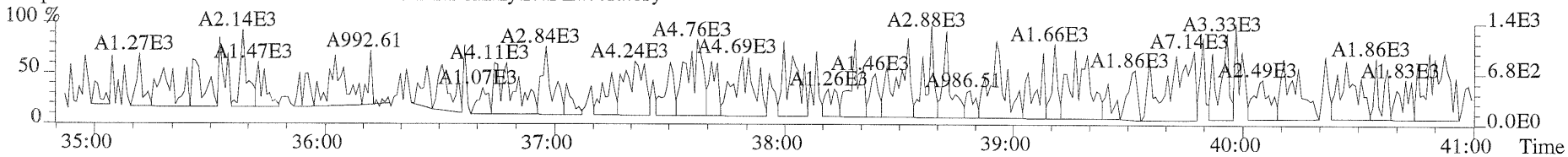
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



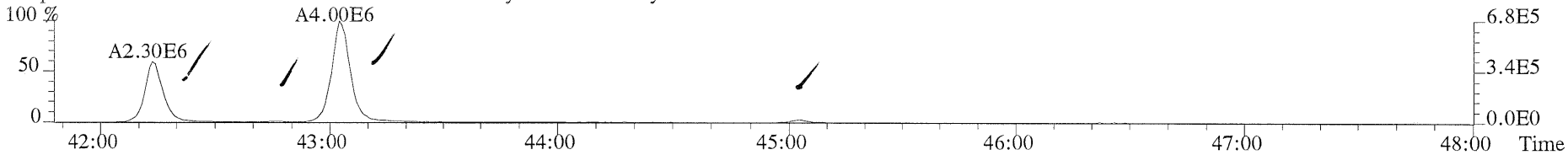
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



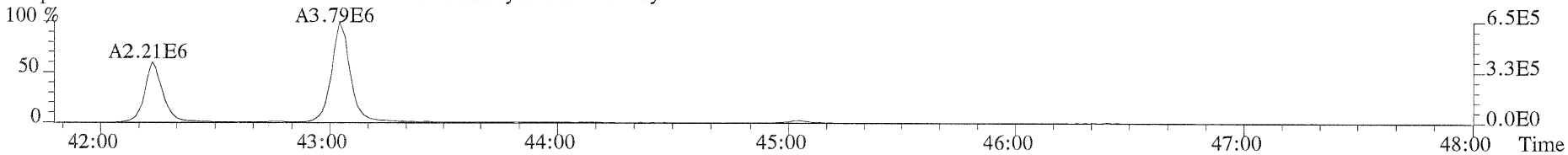
File:04MAY11M #1-476 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:9 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



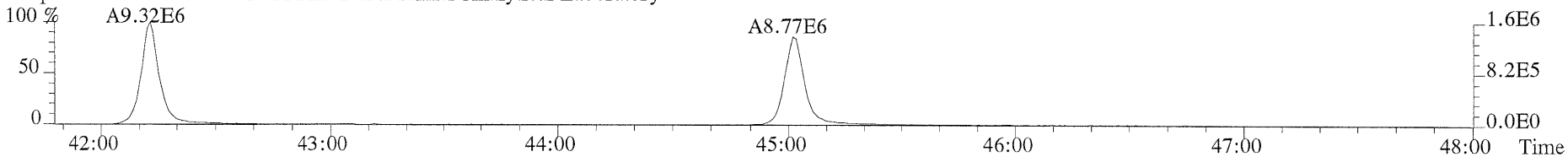
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



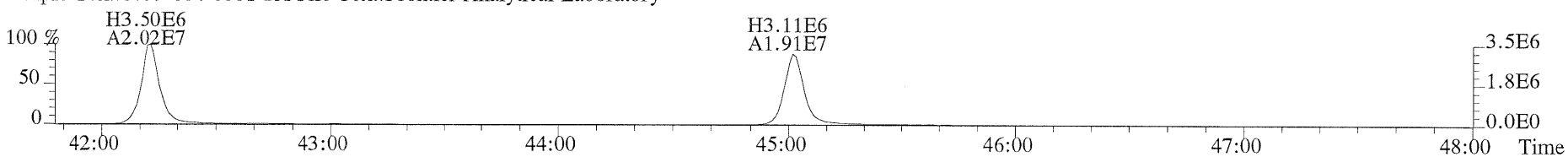
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



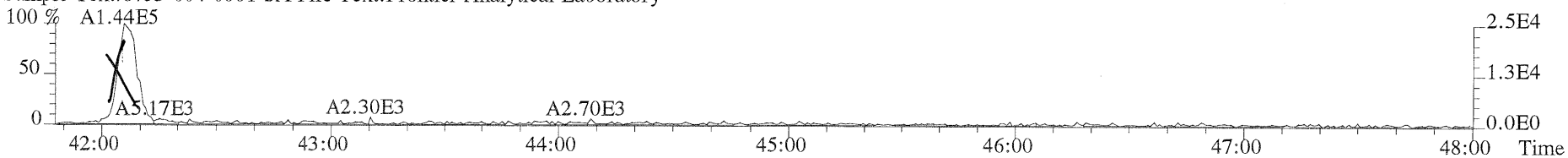
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



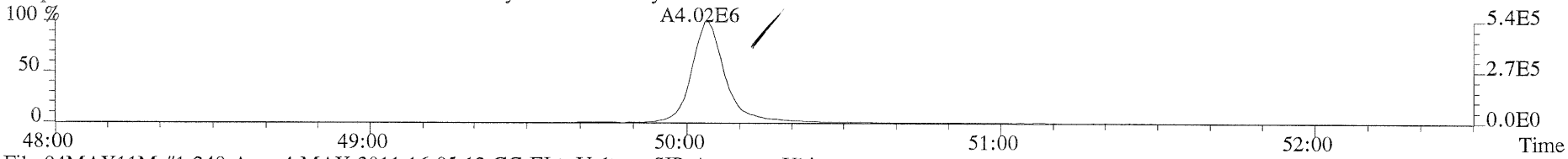
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



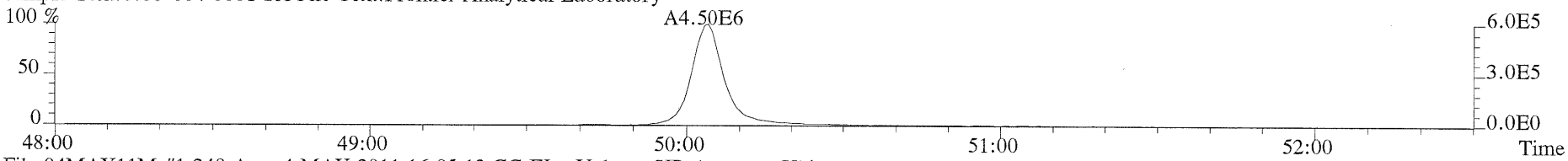
File:04MAY11M #1-541 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:9 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



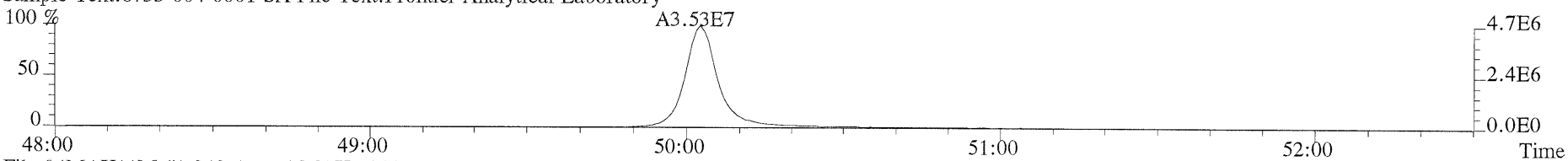
File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



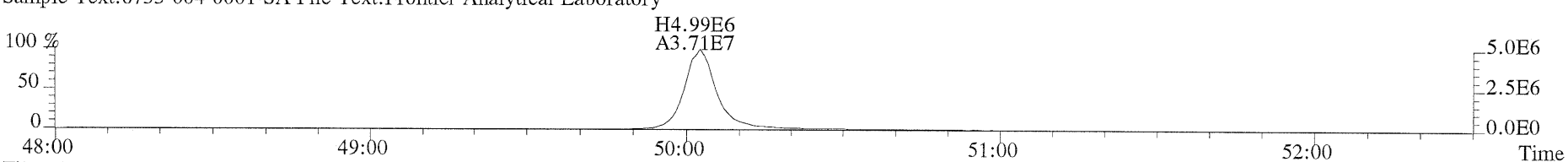
File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



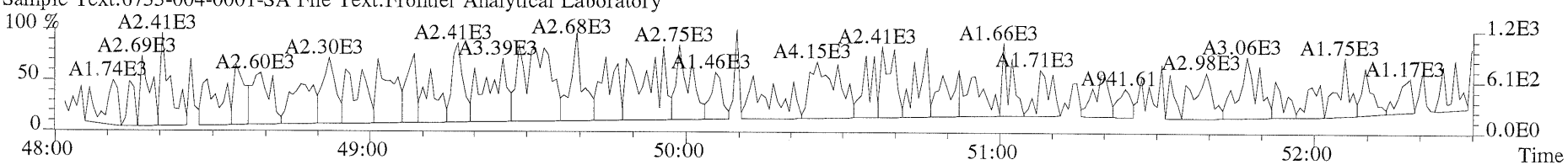
File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-348 Acq: 4-MAY-2011 16:05:12 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:9 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-004-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-005-0001-SA Filename: 04MAY11M Sam:10 Acquired: 4-MAY-11 17:00:36 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB5-1.5-2-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 4.960 NATO 1989 Tox: 12.8
WHO 1998 Tox: 10.3 WHO 2005 Tox: 10.8

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	1.24e+05	0.68 y	27:21	1.13	1.13		2.50	-	-	*
1,2,3,7,8-PeCDD	1.39e+05	1.43 y	33:10	1.02	1.44	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	2.43e+05	1.34 y	38:32	1.45	2.28	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	1.04e+06	1.29 y	38:41	1.45	11.2		2.50	-	-	*
1,2,3,7,8,9-HxCDD	5.19e+05	1.39 y	39:08	1.47	5.11		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	2.68e+07	0.93 y	44:07	1.30	331		2.50	-	-	*
OCDD	2.01e+08	0.92 y	49:40	1.45	3390		2.50	-	-	*
2,3,7,8-TCDF	1.31e+05	0.75 y	26:35	1.15	0.671	J	2.50	-	-	*
1,2,3,7,8-PeCDF	4.94e+04	1.52 y	31:26	0.89	0.381	J	2.50	-	-	*
2,3,4,7,8-PeCDF	1.46e+05	1.53 y	32:46	0.89	1.15	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	5.47e+05	1.24 y	37:08	1.01	4.63	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	2.07e+05	1.19 y	37:20	0.89	1.55	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	2.99e+05	1.18 y	38:16	1.02	2.48	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	4.70e+04	1.23 y	39:45	1.10	0.334	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	6.21e+06	1.04 y	42:14	1.48	61.2		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	2.34e+05	0.98 y	45:02	1.43	2.64	J	2.50	-	-	*
OCDF	1.41e+07	0.91 y	50:02	0.84	217		2.50	-	-	*

						Rec
13C-2,3,7,8-TCDD	3.88e+07	0.76 y	27:20	1.03	361	89.6
13C-1,2,3,7,8-PeCDD	3.81e+07	1.78 y	33:09	1.01	360	89.4
13C-1,2,3,4,7,8-HxCDD	2.98e+07	1.28 y	38:30	1.19	378	93.7
13C-1,2,3,6,7,8-HxCDD	2.59e+07	1.28 y	38:40	0.94	419	104
13C-1,2,3,4,6,7,8-HpCDD	2.51e+07	1.05 y	44:06	0.83	459	114
13C-OCDD	3.29e+07	0.97 y	49:38	0.61	818	101
13C-2,3,7,8-TCDF	6.85e+07	0.86 y	26:33	0.98	402	99.8
13C-1,2,3,7,8-PeCDF	5.89e+07	1.68 y	31:25	0.83	408	101
13C-2,3,4,7,8-PeCDF	5.75e+07	1.69 y	32:43	0.80	412	102
13C-1,2,3,4,7,8-HxCDF	4.72e+07	0.47 y	37:07	1.84	387	96.0
13C-1,2,3,6,7,8-HxCDF	6.03e+07	0.47 y	37:19	2.29	398	98.6
13C-2,3,4,6,7,8-HxCDF	4.78e+07	0.47 y	38:15	1.86	388	96.1
13C-1,2,3,7,8,9-HxCDF	5.15e+07	0.47 y	39:41	1.98	392	97.3
13C-1,2,3,4,6,7,8-HpCDF	2.76e+07	0.45 y	42:12	0.99	423	105
13C-1,2,3,4,7,8,9-HpCDF	2.51e+07	0.45 y	45:01	0.77	495	123
13C-OCDF	6.22e+07	0.92 y	50:01	1.17	807	100
37Cl-2,3,7,8-TCDD	1.07e+07		27:21	0.73	140	87.0
13C-1,2,3,4-TCDD	4.22e+07	0.80 y	26:45	-	22.4	
13C-1,2,3,4-TCDF	7.01e+07	0.87 y	25:29	-	19.6	
13C-1,2,3,7,8,9-HxCDD	2.67e+07	1.29 y	39:07	-	21.7	

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	5.91e+05		24:21	1.13	5.41	2.50	-	-	*		7
Total Penta-Dioxins	1.28e+06		30:11	1.02	13.4	2.50	-	-	*		9
Total Hexa-Dioxins	7.32e+06		36:05	1.46	73.3	2.50	-	-	*		7
Total Hepta-Dioxins	5.40e+07		42:45	1.30	665	2.50	-	-	*		2
Total Tetra-Furans	3.78e+06		23:00	1.15	19.4	2.50	-	-	*		20
1st Fn. Tot Penta-Furans	1.62e+06		28:24	0.89	12.6	2.50	-	-	*	PeCDF	1
Total Penta-Furans	1.97e+06		30:01	0.89	15.4	2.50	-	-	*	28.0	8
Total Hexa-Furans	7.68e+06		35:11	1.00	60.3	2.50	-	-	*		10
Total Hepta-Furans	1.98e+07		42:14	1.46	204	2.50	-	-	*		4

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 18 File: 04MAY11M S: 10 I: 1 F: 1
Acquired: 4-MAY-11 17:00:36

Total Concentration: 5.41 Unnamed Concentration: 4.276

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:21	6.60e+04	8.74e+04	0.76	y	1.53e+05	1.40	
24:37	4.62e+04	5.70e+04	0.81	y	1.03e+05	0.945	
25:32	1.67e+04	1.96e+04	0.85	y	3.64e+04	0.333	
25:44	1.69e+04	2.08e+04	0.81	y	3.76e+04	0.345	
25:53	3.92e+04	4.63e+04	0.85	y	8.55e+04	0.783	
26:46	2.15e+04	2.94e+04	0.73	y	5.09e+04	0.466	
27:21	4.99e+04	7.38e+04	0.68	y	1.24e+05	1.13	2,3,7,8-TCDD

Totals class: Total Penta-Dioxins Entry #: 39

Run: 18 File: 04MAY11M S: 10 I: 1 F: 2
Acquired: 4-MAY-11 17:00:36

Total Concentration: 13.4 Unnamed Concentration: 11.927

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	2.97e+05	1.84e+05	1.61	y	4.81e+05	5.01	
30:49	2.93e+04	1.94e+04	1.51	y	4.87e+04	0.508	
31:25	9.26e+04	5.86e+04	1.58	y	1.51e+05	1.58	
31:38	1.07e+05	6.82e+04	1.58	y	1.76e+05	1.83	
31:47	6.66e+04	4.74e+04	1.41	y	1.14e+05	1.19	
32:04	5.47e+04	3.23e+04	1.69	y	8.70e+04	0.907	
32:34	3.29e+04	2.00e+04	1.65	y	5.29e+04	0.552	
33:10	8.15e+04	5.70e+04	1.43	y	1.39e+05	1.44	1,2,3,7,8-PeCDD
33:17	1.95e+04	1.39e+04	1.40	y	3.34e+04	0.348	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 18 File: 04MAY11M S: 10 I: 1 F: 3
Acquired: 4-MAY-11 17:00:36

Total Concentration: 73.3 Unnamed Concentration: 54.765

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:05	1.20e+06	9.19e+05	1.31	y	2.12e+06	21.1	
37:00	2.35e+05	1.77e+05	1.33	y	4.12e+05	4.09	
37:25	1.66e+06	1.24e+06	1.34	y	2.89e+06	28.7	
38:32	1.40e+05	1.04e+05	1.34	y	2.43e+05	2.28	1,2,3,4,7,8-HxCDD
38:41	5.89e+05	4.56e+05	1.29	y	1.04e+06	11.2	1,2,3,6,7,8-HxCDD
38:59	4.77e+04	3.84e+04	1.24	y	8.61e+04	0.855	
39:08	3.02e+05	2.17e+05	1.39	y	5.19e+05	5.11	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 18 File: 04MAY11M S: 10 I: 1 F: 4
Acquired: 4-MAY-11 17:00:36

Total Concentration: 665 Unnamed Concentration: 334.493

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:45	1.28e+07	1.43e+07	0.89 y	2.71e+07	334	
44:07	1.29e+07	1.39e+07	0.93 y	2.68e+07	331	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 18 File: 04MAY11M S: 10 I: 1 F: 1
Acquired: 4-MAY-11 17:00:36

Total Concentration: 19.4 Unnamed Concentration: 18.705

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:00	2.58e+04	3.00e+04	0.86	y	5.58e+04	0.286	
23:22	4.61e+04	6.85e+04	0.67	y	1.15e+05	0.588	
23:45	3.23e+05	4.87e+05	0.66	y	8.11e+05	4.16	
24:07	1.19e+05	1.72e+05	0.69	y	2.91e+05	1.49	
24:22	1.50e+05	2.22e+05	0.68	y	3.72e+05	1.91	
24:40	1.46e+05	2.22e+05	0.66	y	3.68e+05	1.89	
24:47	3.41e+04	4.77e+04	0.72	y	8.18e+04	0.419	
24:54	4.26e+04	6.04e+04	0.71	y	1.03e+05	0.528	
25:15	5.44e+04	7.43e+04	0.73	y	1.29e+05	0.660	
25:22	1.56e+05	2.39e+05	0.65	y	3.95e+05	2.03	
25:30	5.84e+04	8.90e+04	0.66	y	1.47e+05	0.756	
25:52	5.98e+04	8.86e+04	0.68	y	1.48e+05	0.761	
26:06	3.36e+04	4.26e+04	0.79	y	7.62e+04	0.391	
26:13	2.32e+04	2.64e+04	0.88	y	4.96e+04	0.254	
26:28	4.45e+04	6.22e+04	0.72	y	1.07e+05	0.547	
26:35	5.60e+04	7.49e+04	0.75	y	1.31e+05	0.671	2,3,7,8-TCDF
26:53	6.87e+04	9.69e+04	0.71	y	1.66e+05	0.849	
27:49	2.66e+04	3.55e+04	0.75	y	6.21e+04	0.318	
28:02	2.80e+04	3.83e+04	0.73	y	6.63e+04	0.340	
28:25	4.75e+04	5.81e+04	0.82	y	1.06e+05	0.542	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 18 File: 04MAY11M S: 10 I: 1 F: 1
Acquired: 4-MAY-11 17:00:36

Total Concentration: 12.6 Unnamed Concentration: 12.583

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:24	9.66e+05	6.49e+05	1.49 y	1.62e+06	12.6	

Totals class: Total Penta-Furans Entry #: 44

Run: 18 File: 04MAY11M S: 10 I: 1 F: 2
Acquired: 4-MAY-11 17:00:36

Total Concentration: 15.4 Unnamed Concentration: 13.837

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:01	6.92e+04	4.14e+04	1.67	y	1.11e+05	0.862	
30:11	5.73e+05	3.62e+05	1.58	y	9.35e+05	7.28	
30:52	2.05e+05	1.34e+05	1.52	y	3.39e+05	2.64	
31:26	2.98e+04	1.96e+04	1.52	y	4.94e+04	0.381	1,2,3,7,8-PeCDF
31:47	8.78e+04	6.05e+04	1.45	y	1.48e+05	1.15	
32:36	2.65e+04	1.67e+04	1.59	y	4.32e+04	0.336	
32:46	8.86e+04	5.79e+04	1.53	y	1.46e+05	1.15	2,3,4,7,8-PeCDF
32:48	1.26e+05	7.56e+04	1.66	y	2.01e+05	1.57	

Totals class: Total Hexa-Furans Entry #: 45

Run: 18 File: 04MAY11M S: 10 I: 1 F: 3
Acquired: 4-MAY-11 17:00:36

Total Concentration: 60.3 Unnamed Concentration: 51.265

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
35:11	4.03e+05	3.38e+05	1.19 y	7.42e+05	5.78	
35:28	1.37e+06	1.14e+06	1.21 y	2.51e+06	19.6	
36:03	4.12e+04	3.77e+04	1.09 y	7.89e+04	0.615	
36:22	1.70e+06	1.42e+06	1.19 y	3.12e+06	24.3	
36:59	4.60e+04	3.81e+04	1.21 y	8.41e+04	0.656	
37:08	3.02e+05	2.44e+05	1.24 y	5.47e+05	4.63	1,2,3,4,7,8-HxCDF
37:20	1.13e+05	9.48e+04	1.19 y	2.07e+05	1.55	1,2,3,6,7,8-HxCDF
37:47	2.31e+04	1.97e+04	1.17 y	4.28e+04	0.334	
38:16	1.62e+05	1.37e+05	1.18 y	2.99e+05	2.48	2,3,4,6,7,8-HxCDF
39:45	2.59e+04	2.11e+04	1.23 y	4.70e+04	0.334	1,2,3,7,8,9-HxCDF

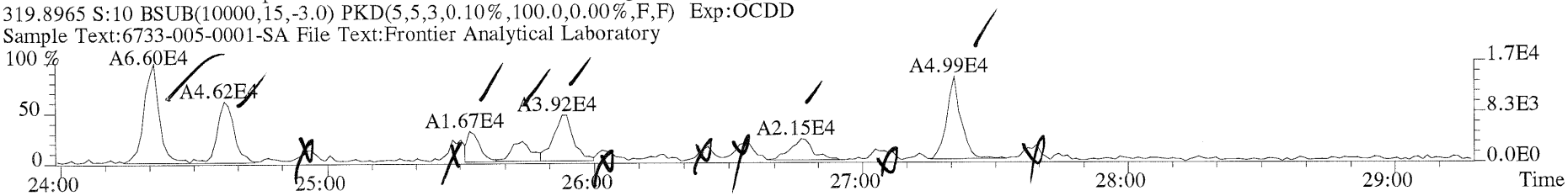
Totals class: Total Hepta-Furans Entry #: 46

Run: 18 File: 04MAY11M S: 10 I: 1 F: 4
Acquired: 4-MAY-11 17:00:36

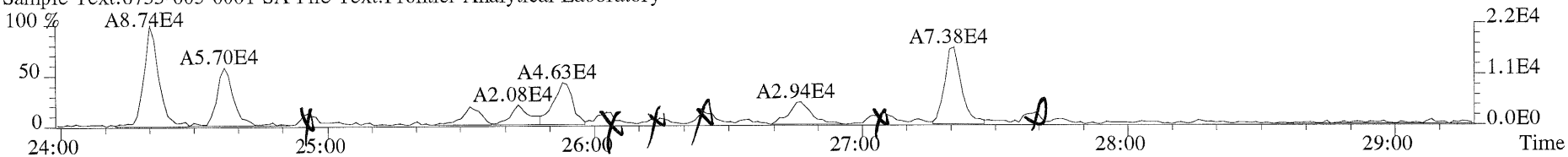
Total Concentration: 204 Unnamed Concentration: 140.008

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:14	3.17e+06	3.04e+06	1.04 y	6.21e+06	61.2	1,2,3,4,6,7,8-HpCDF
42:45	5.85e+04	5.63e+04	1.04 y	1.15e+05	1.20	
43:02	6.75e+06	6.48e+06	1.04 y	1.32e+07	139	
45:02	1.16e+05	1.18e+05	0.98 y	2.34e+05	2.64	1,2,3,4,7,8,9-HpCDF

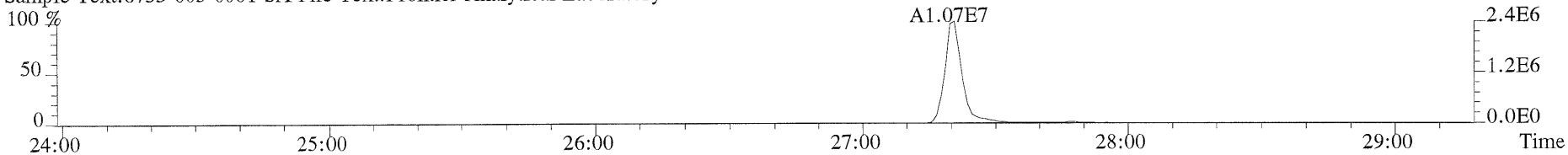
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



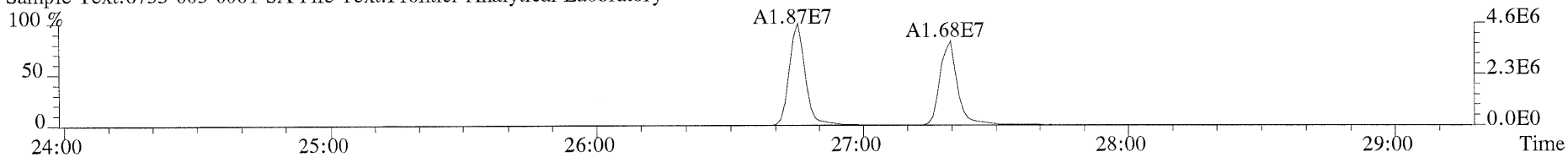
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



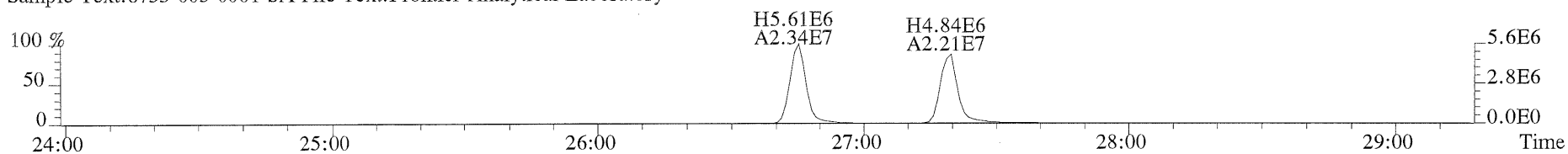
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



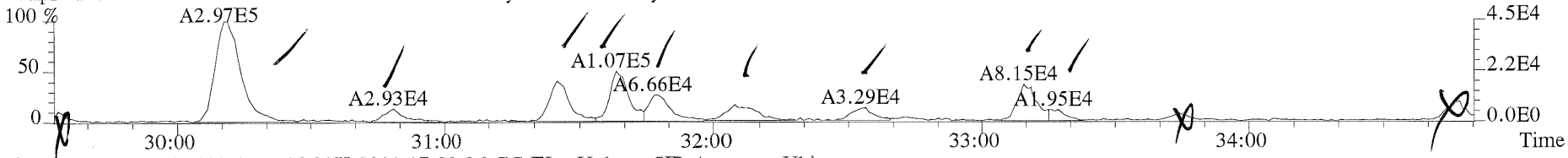
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



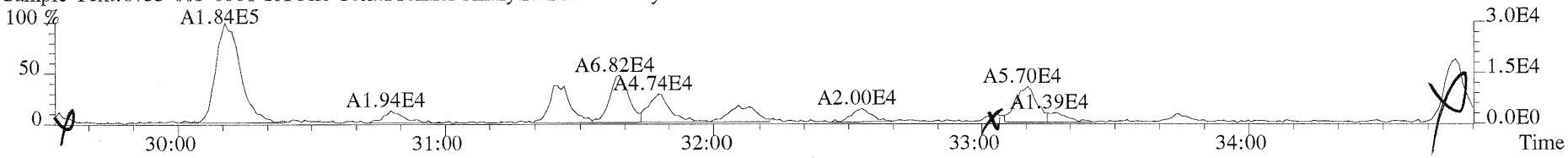
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



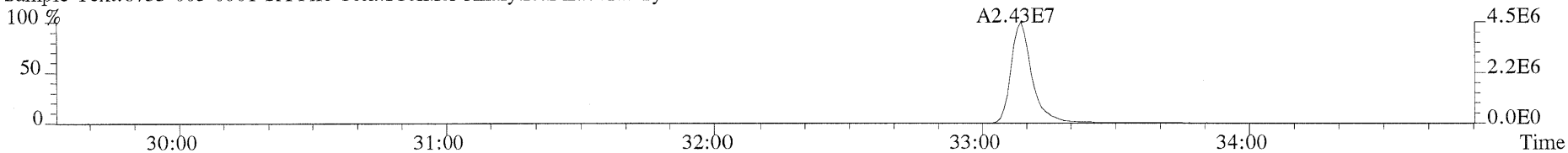
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



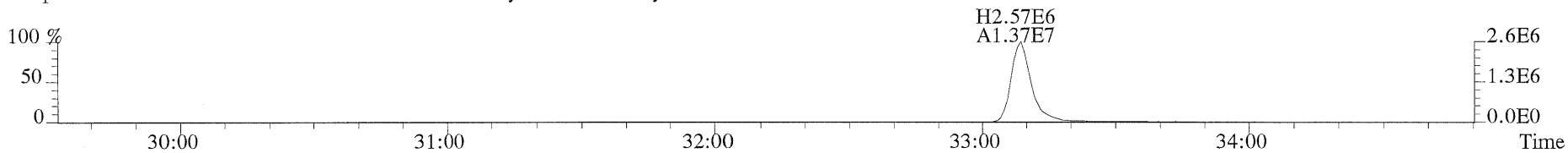
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



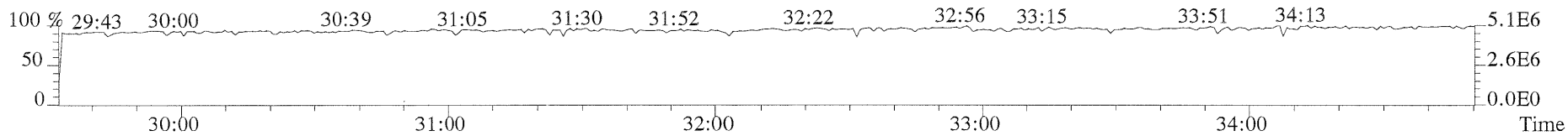
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



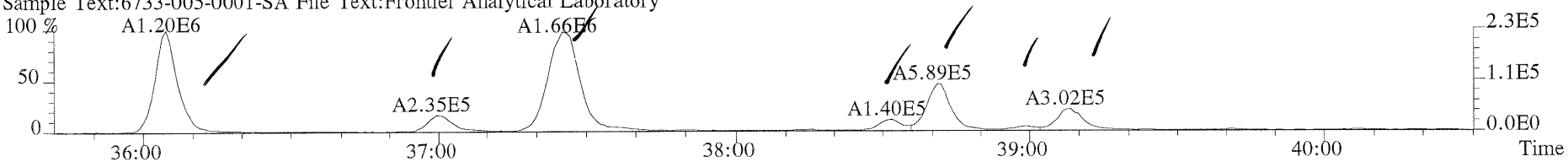
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



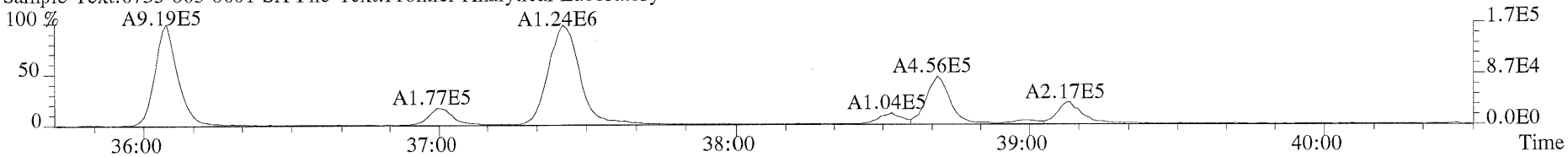
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:10 F:2 Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



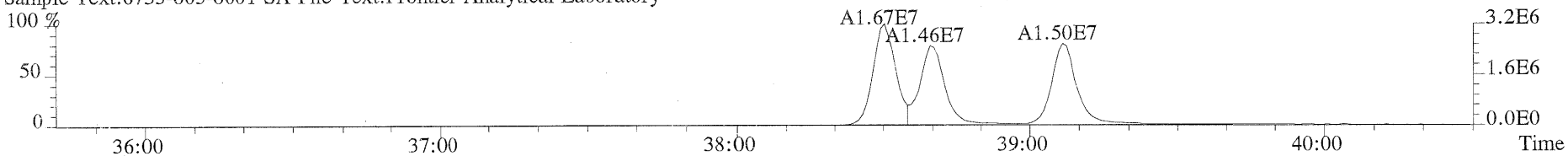
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



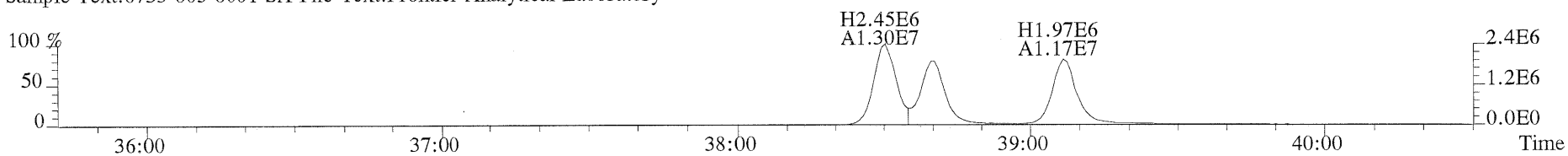
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



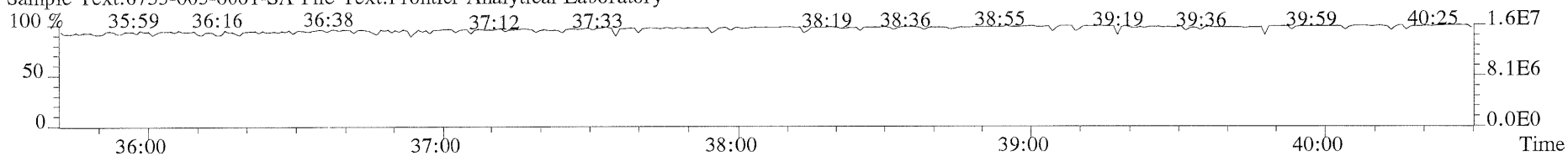
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



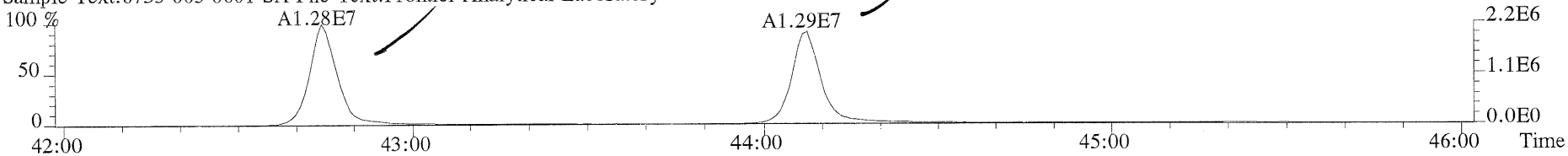
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



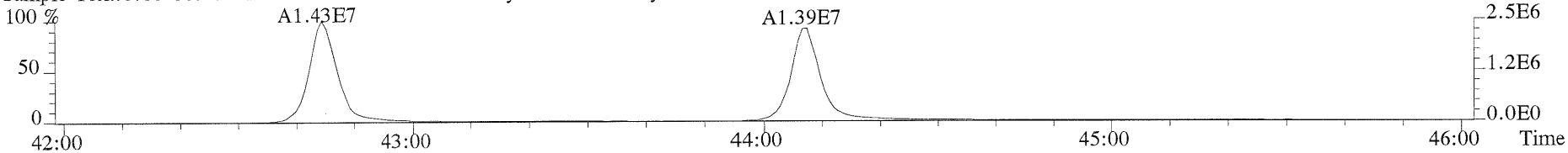
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:10 F:3 Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



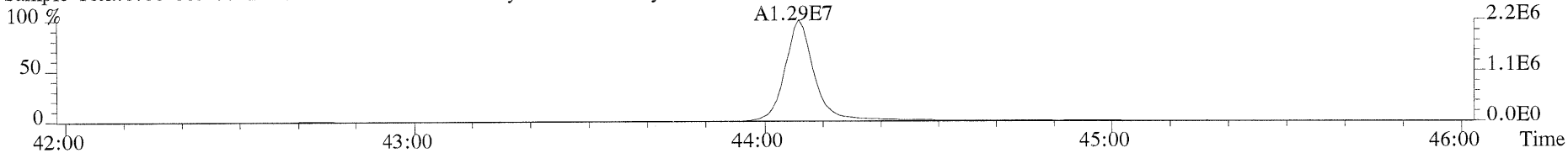
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



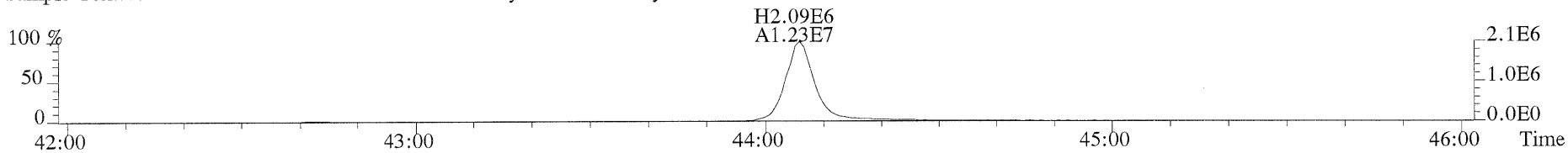
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



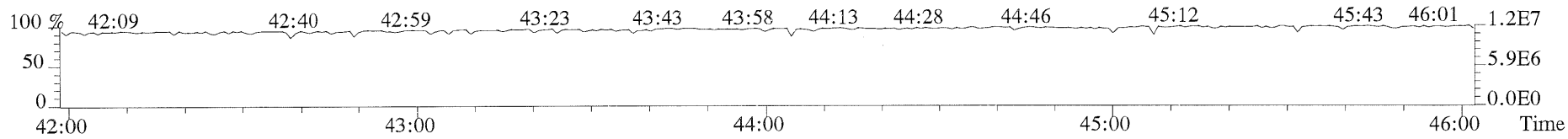
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



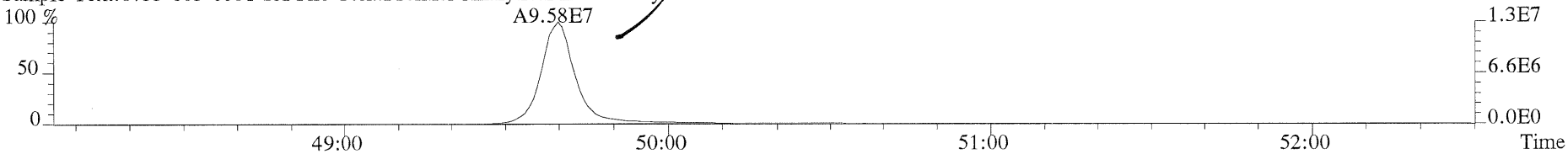
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



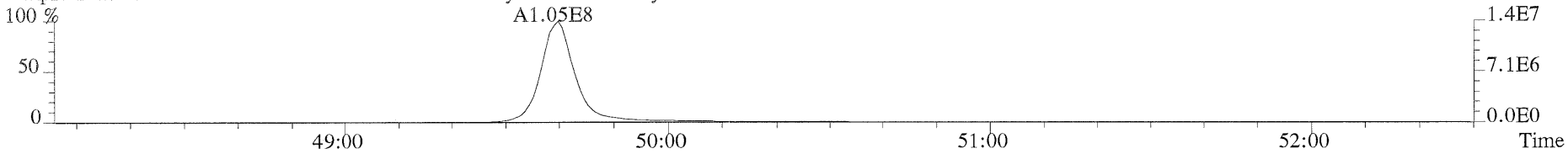
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:10 F:4 Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



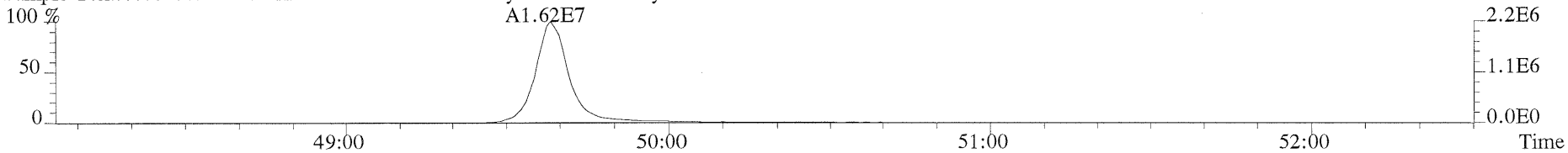
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



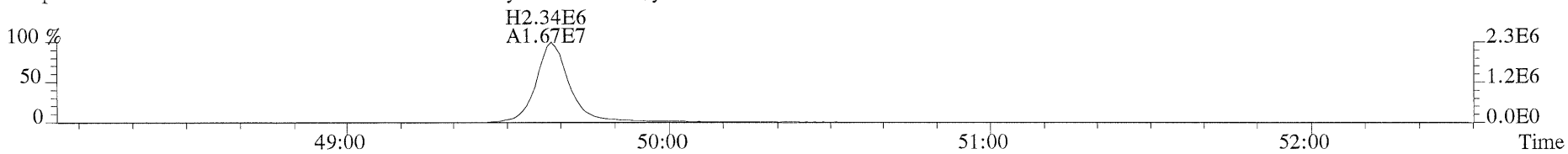
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



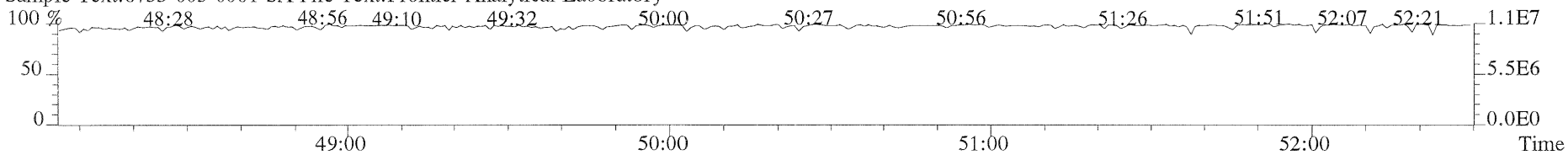
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



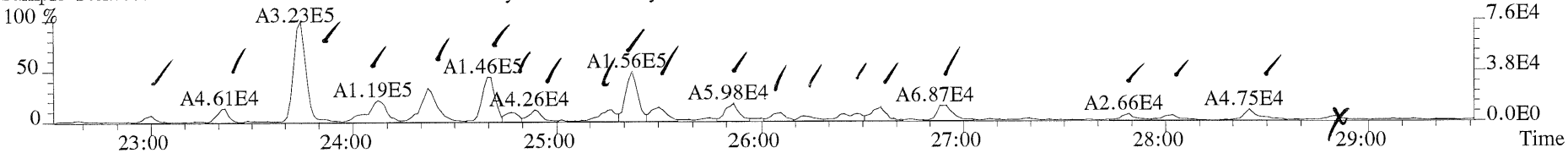
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



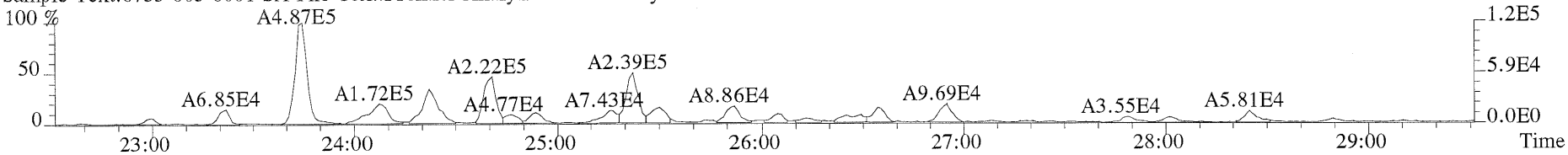
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:10 F:5 Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



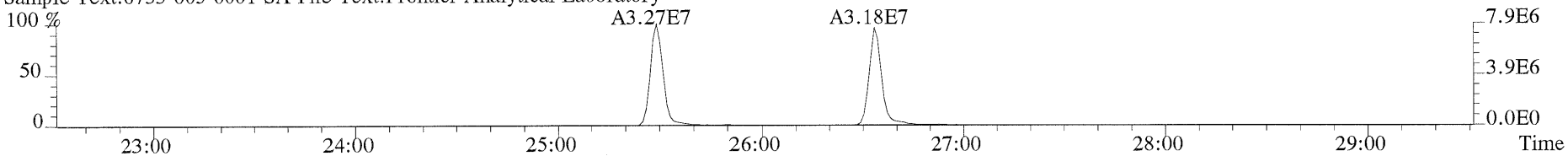
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



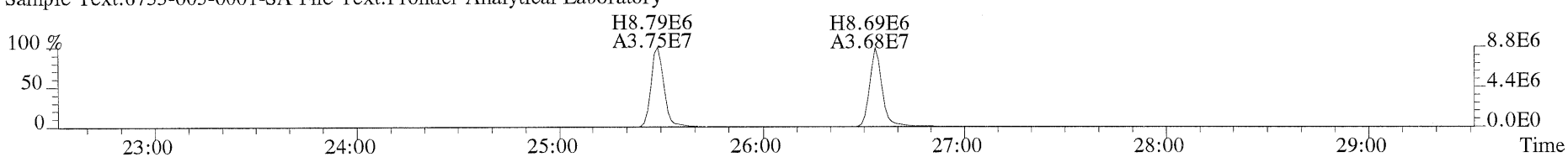
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



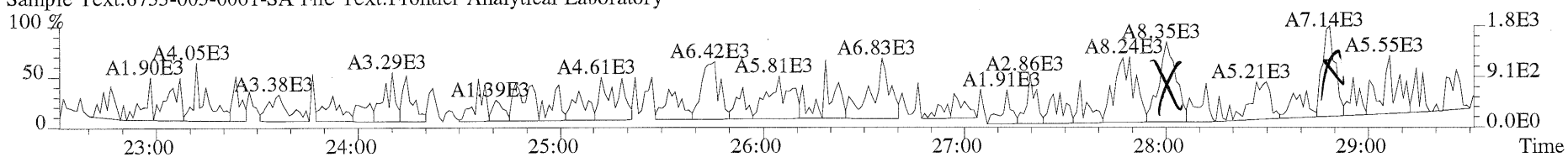
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



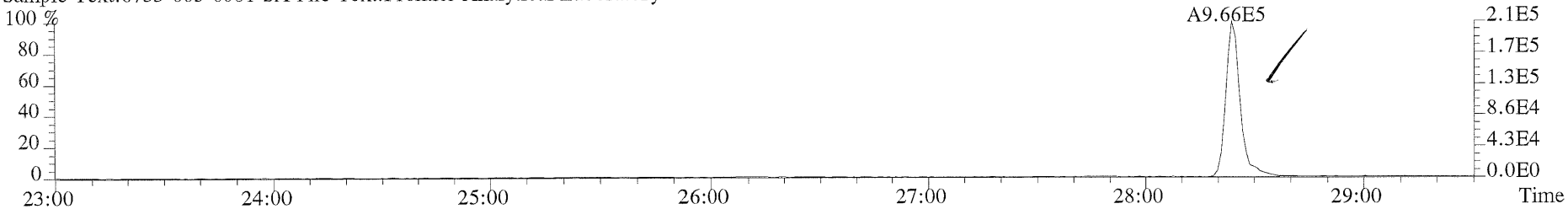
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



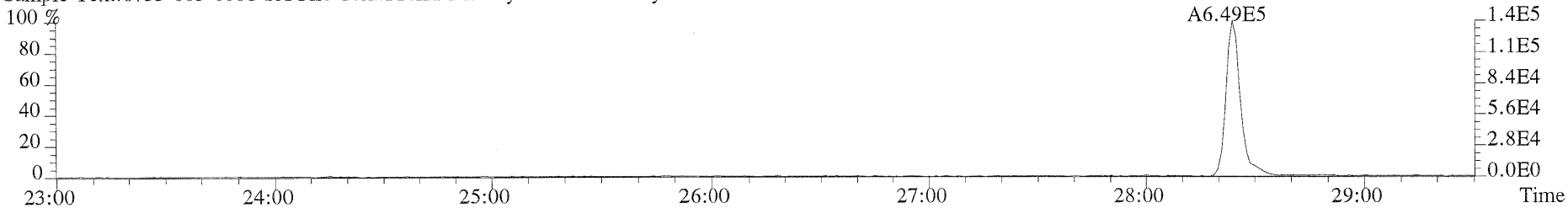
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



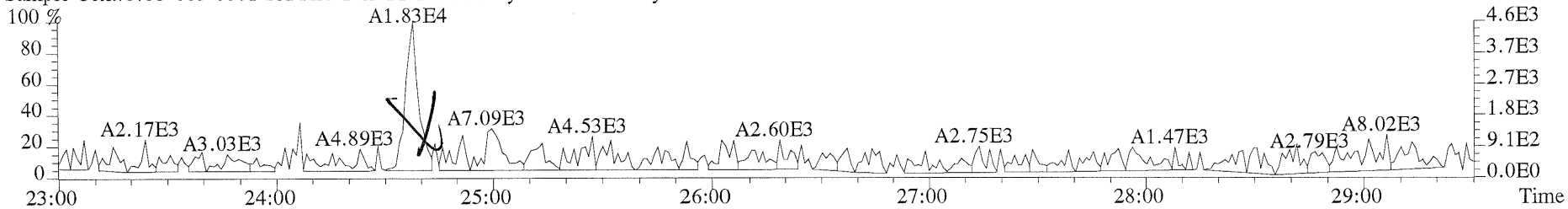
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



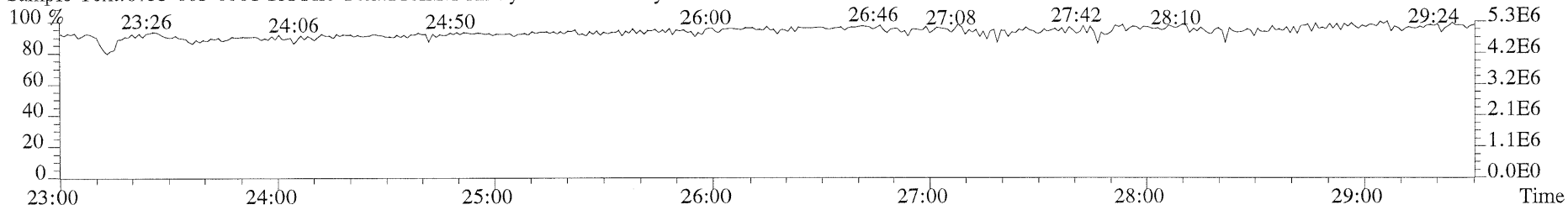
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



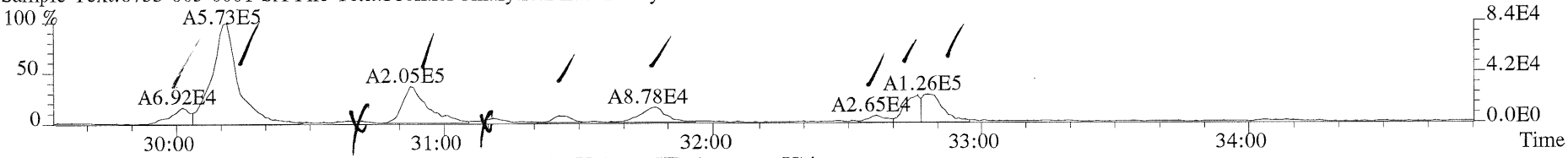
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:10 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



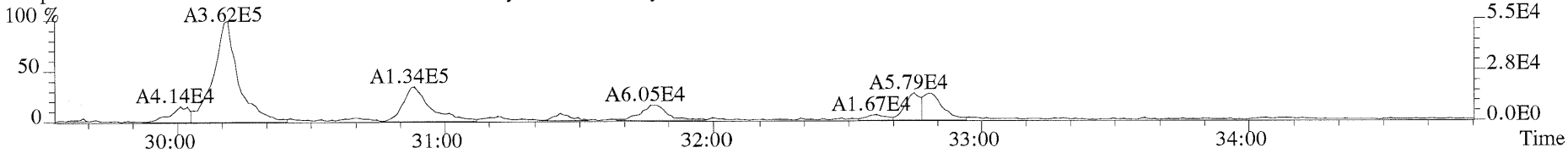
File:04MAY11M #1-426 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:10 Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



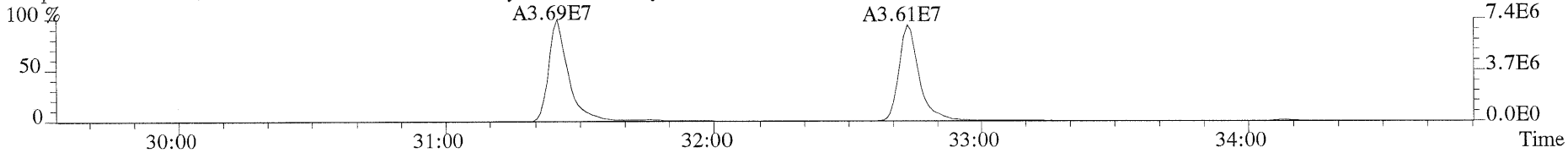
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



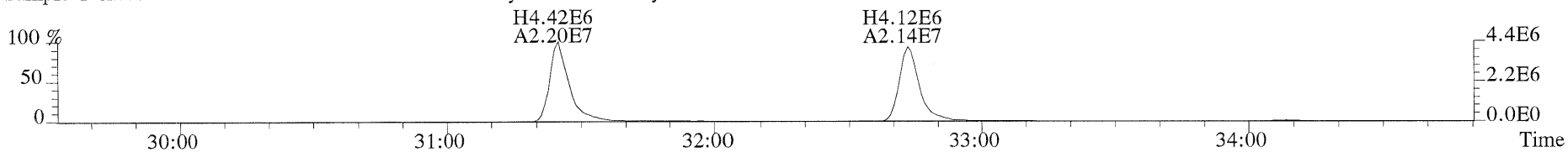
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



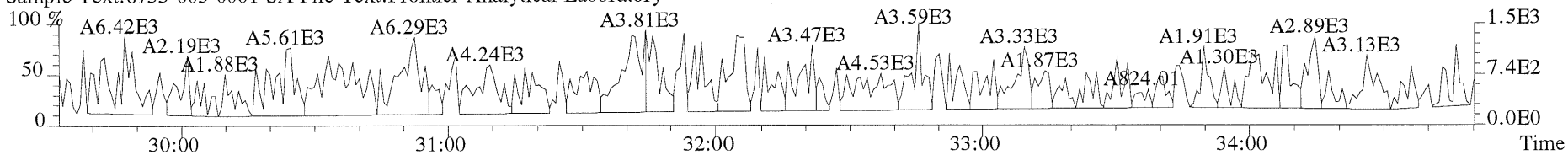
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



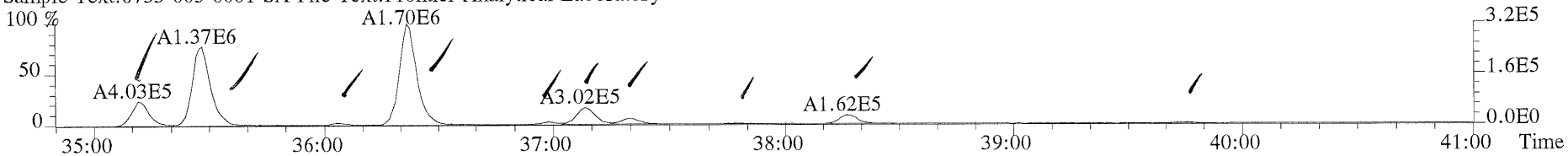
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



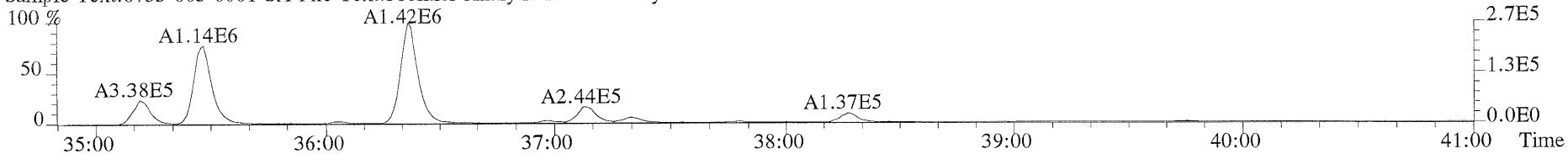
File:04MAY11M #1-411 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:10 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



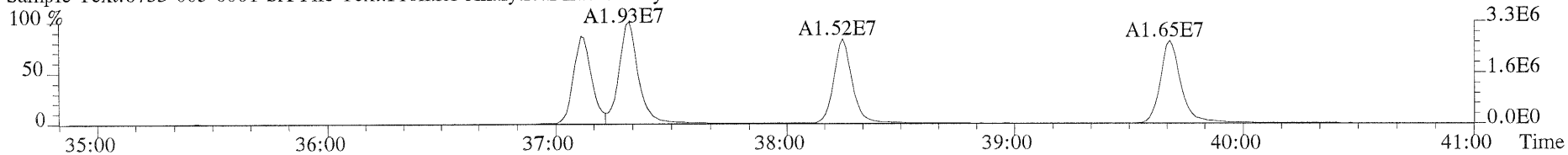
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



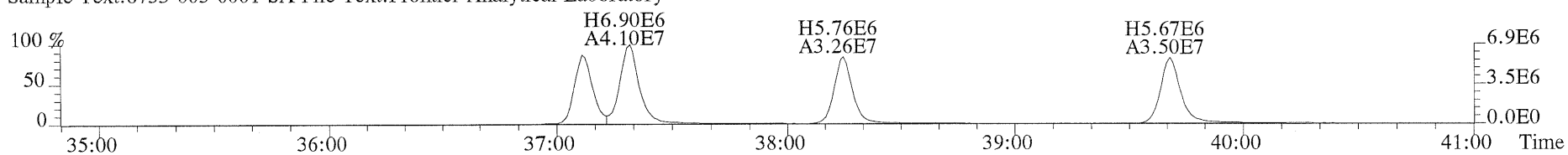
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



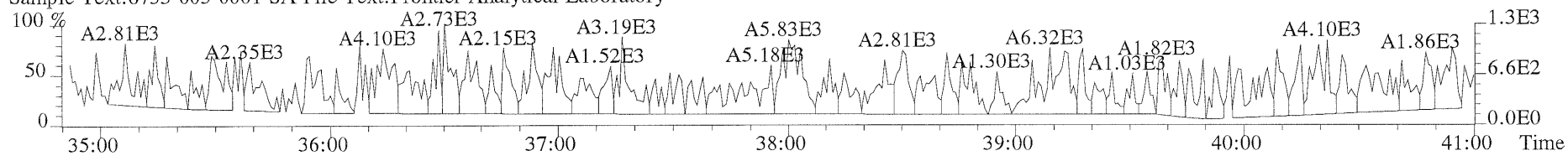
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



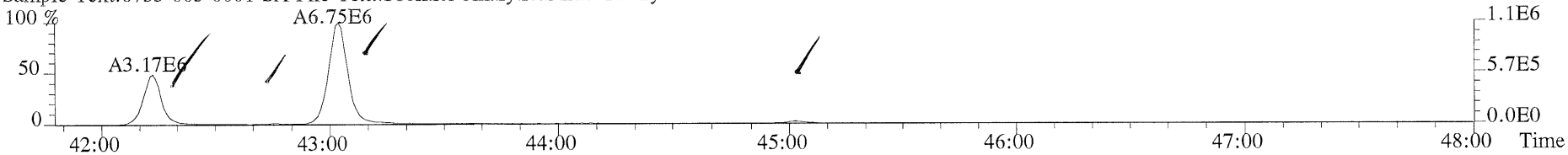
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



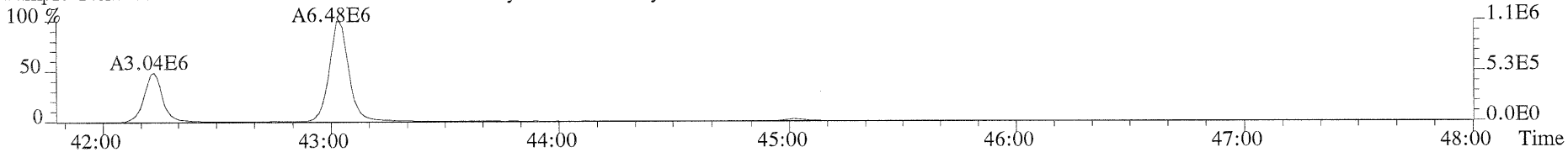
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:10 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



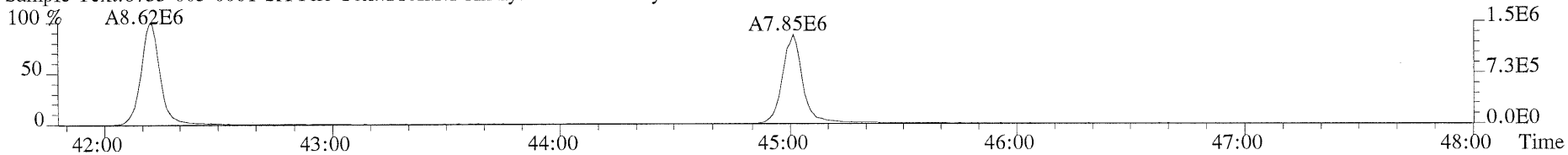
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



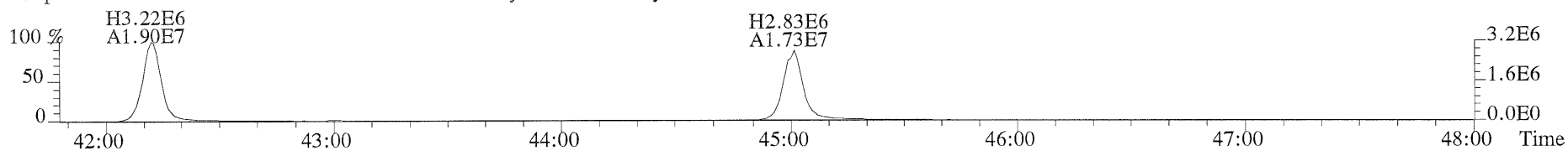
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



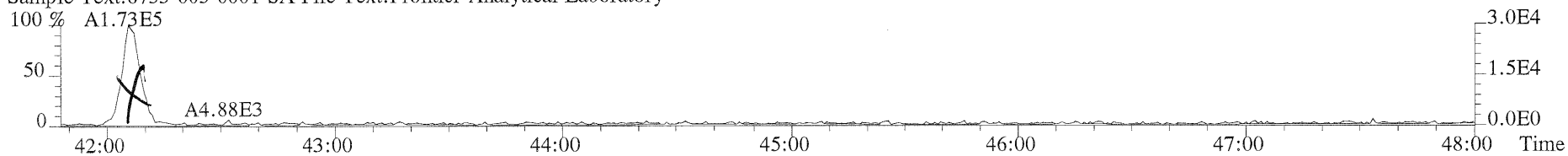
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



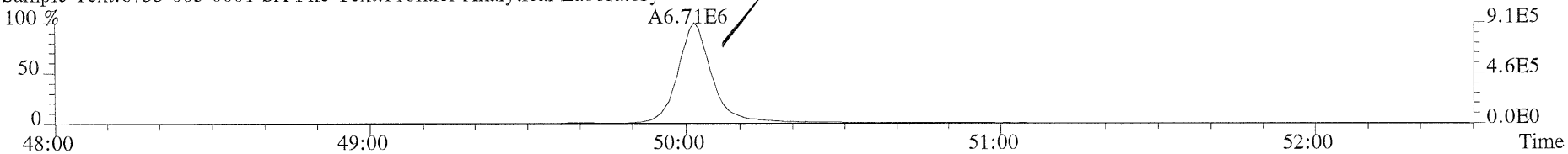
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



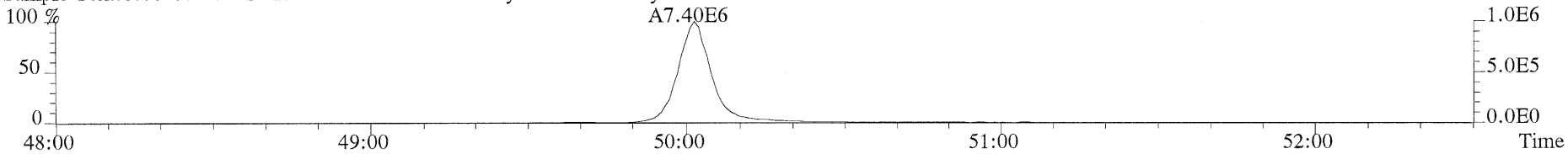
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:10 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



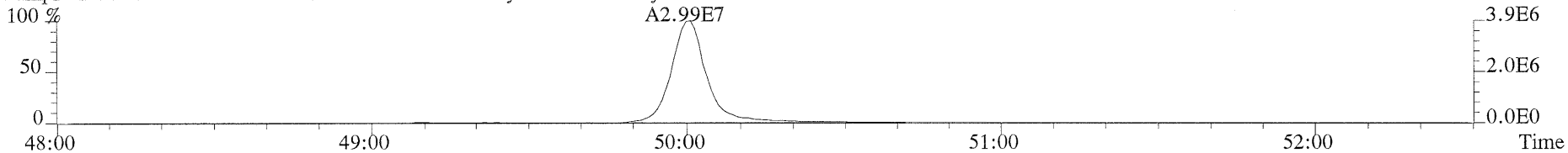
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



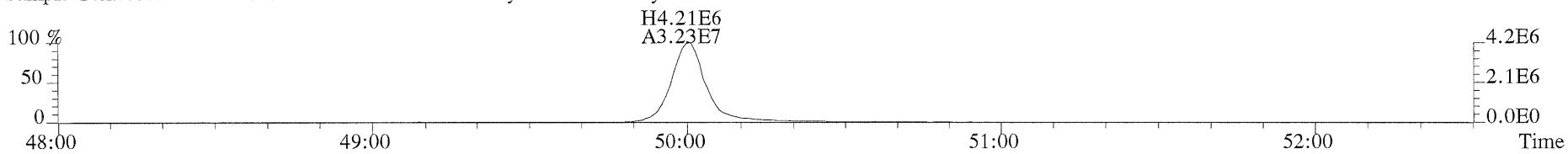
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



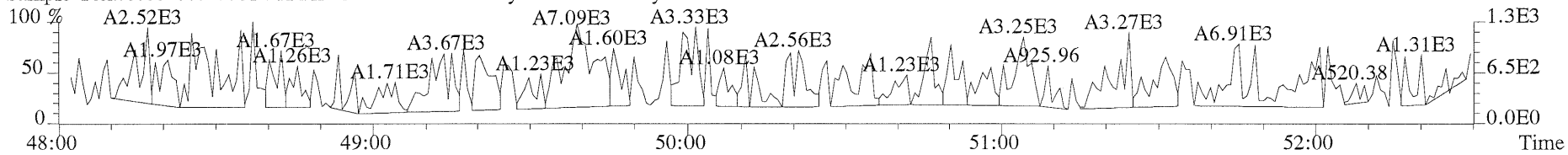
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 17:00:36 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:10 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-005-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-006-0001-SA Filename: 04MAY11M Sam:11 Acquired: 4-MAY-11 17:55:58 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB5-2-4-041811 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 5.050 NATO 1989 Tox: 25.8
WHO 1998 Tox: 22.0 WHO 2005 Tox: 22.7

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	9.28e+05	0.77 y	27:21	1.13	7.35		2.50	-	-	*
1,2,3,7,8-PeCDD	2.46e+05	1.45 y	33:09	1.02	2.32	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	4.20e+05	1.30 y	38:31	1.45	3.56	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	1.80e+06	1.29 y	38:41	1.45	18.0		2.50	-	-	*
1,2,3,7,8,9-HxCDD	8.93e+05	1.34 y	39:08	1.47	8.08		2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	4.57e+07	0.89 y	44:07	1.30	521		2.50	-	-	*
OCDD	3.52e+08	0.93 y	49:40	1.45	5170		2.50	-	-	*
2,3,7,8-TCDF	2.37e+05	0.71 y	26:35	1.15	1.13		2.50	-	-	*
1,2,3,7,8-PeCDF	8.08e+04	1.73 y	31:26	0.89	0.569	J	2.50	-	-	*
2,3,4,7,8-PeCDF	2.76e+05	1.56 y	32:45	0.89	2.00	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	9.28e+05	1.17 y	37:07	1.01	7.23		2.50	-	-	*
1,2,3,6,7,8-HxCDF	3.55e+05	1.19 y	37:20	0.89	2.53	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	4.86e+05	1.17 y	38:16	1.02	3.77	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	7.52e+04	1.13 y	39:46	1.10	0.474	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	1.10e+07	1.06 y	42:14	1.48	101		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	3.96e+05	0.96 y	45:02	1.43	4.11	J	2.50	-	-	*
OCDF	2.66e+07	0.89 y	50:01	0.84	364		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	4.41e+07	0.78 y	27:19	1.03	322					81.3
13C-1,2,3,7,8-PeCDD	4.14e+07	1.75 y	33:08	1.01	307					77.6
13C-1,2,3,4,7,8-HxCDD	3.23e+07	1.26 y	38:30	1.19	311					78.4
13C-1,2,3,6,7,8-HxCDD	2.73e+07	1.28 y	38:40	0.94	334					84.5
13C-1,2,3,4,6,7,8-HpCDD	2.67e+07	1.04 y	44:06	0.83	371					93.6
13C-OCDD	3.72e+07	0.95 y	49:38	0.61	703					88.8
13C-2,3,7,8-TCDF	7.23e+07	0.86 y	26:33	0.98	340					85.8
13C-1,2,3,7,8-PeCDF	6.35e+07	1.67 y	31:24	0.83	352					88.9
13C-2,3,4,7,8-PeCDF	6.11e+07	1.68 y	32:43	0.80	350					88.3
13C-1,2,3,4,7,8-HxCDF	5.04e+07	0.46 y	37:07	1.84	314					79.4
13C-1,2,3,6,7,8-HxCDF	6.24e+07	0.46 y	37:18	2.29	312					78.9
13C-2,3,4,6,7,8-HxCDF	5.02e+07	0.46 y	38:14	1.86	309					78.1
13C-1,2,3,7,8,9-HxCDF	5.69e+07	0.46 y	39:40	1.98	330					83.2
13C-1,2,3,4,6,7,8-HpCDF	2.91e+07	0.46 y	42:12	0.99	338					85.4
13C-1,2,3,4,7,8,9-HpCDF	2.67e+07	0.45 y	45:01	0.77	400					101
13C-OCDF	6.86e+07	0.93 y	50:01	1.17	675					85.3
37Cl-2,3,7,8-TCDD	1.22e+07		27:21	0.73	126					79.3
13C-1,2,3,4-TCDD	5.27e+07	0.78 y	26:45	-	27.5					
13C-1,2,3,4-TCDF	8.61e+07	0.87 y	25:29	-	23.7					
13C-1,2,3,7,8,9-HxCDD	3.45e+07	1.27 y	39:07	-	27.6					

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	2.10e+06		24:21	1.13	16.6	2.50	-	-	*		12
Total Penta-Dioxins	2.47e+06		30:11	1.02	23.3	2.50	-	-	*		10
Total Hexa-Dioxins	1.31e+07		36:04	1.46	121	2.50	-	-	*		7
Total Hepta-Dioxins	9.10e+07		42:44	1.30	1040	2.50	-	-	*		2
Total Tetra-Furans	5.02e+06		23:00	1.15	23.9	2.50	-	-	*		18
1st Fn. Tot Penta-Furans	2.17e+06		28:24	0.89	15.5	2.50	-	-	*	PeCDF	1
Total Penta-Furans	2.90e+06		30:01	0.89	20.8	2.50	-	-	*	36.3	10
Total Hexa-Furans	1.29e+07		35:12	1.00	93.5	2.50	-	-	*		10
Total Hepta-Furans	3.51e+07		42:14	1.46	336	2.50	-	-	*		4

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 19 File: 04MAY11M S: 11 I: 1 F: 1
Acquired: 4-MAY-11 17:55:58

Total Concentration: 16.6 Unnamed Concentration: 9.279

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:21	1.42e+05	1.85e+05	0.77	y	3.27e+05	2.59	
24:38	1.03e+05	1.28e+05	0.81	y	2.31e+05	1.83	
24:57	1.76e+04	2.07e+04	0.85	y	3.83e+04	0.304	
25:33	2.50e+04	3.25e+04	0.77	y	5.74e+04	0.455	
25:43	3.43e+04	4.19e+04	0.82	y	7.61e+04	0.603	
25:53	6.66e+04	8.78e+04	0.76	y	1.54e+05	1.22	
26:02	1.54e+04	1.91e+04	0.81	y	3.45e+04	0.274	
26:25	1.74e+04	2.05e+04	0.85	y	3.79e+04	0.300	
26:46	5.14e+04	5.99e+04	0.86	y	1.11e+05	0.881	
27:05	2.71e+04	3.24e+04	0.84	y	5.95e+04	0.471	
27:21	4.05e+05	5.24e+05	0.77	y	9.28e+05	7.35	2,3,7,8-TCDD
27:38	2.02e+04	2.38e+04	0.85	y	4.40e+04	0.349	

Totals class: Total Penta-Dioxins Entry #: 39

Run: 19 File: 04MAY11M S: 11 I: 1 F: 2
Acquired: 4-MAY-11 17:55:58

Total Concentration: 23.3 Unnamed Concentration: 21.011

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	5.72e+05	3.63e+05	1.57	y	9.35e+05	8.82	
30:48	5.36e+04	3.66e+04	1.46	y	9.02e+04	0.851	
31:25	1.64e+05	1.04e+05	1.57	y	2.68e+05	2.53	
31:38	1.91e+05	1.18e+05	1.62	y	3.09e+05	2.91	
31:47	1.38e+05	8.93e+04	1.54	y	2.27e+05	2.14	
32:04	9.69e+04	6.57e+04	1.47	y	1.63e+05	1.53	
32:33	6.95e+04	4.63e+04	1.50	y	1.16e+05	1.09	
33:09	1.45e+05	1.00e+05	1.45	y	2.46e+05	2.32	1,2,3,7,8-PeCDD
33:16	3.66e+04	2.48e+04	1.47	y	6.14e+04	0.579	
33:44	3.59e+04	2.34e+04	1.53	y	5.93e+04	0.559	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 19 File: 04MAY11M S: 11 I: 1 F: 3
Acquired: 4-MAY-11 17:55:58

Total Concentration: 121 Unnamed Concentration: 91.198

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:04	2.25e+06	1.71e+06	1.32	y	3.96e+06	36.1	
37:00	4.16e+05	3.10e+05	1.34	y	7.26e+05	6.63	
37:25	2.90e+06	2.23e+06	1.30	y	5.13e+06	46.8	
38:31	2.38e+05	1.83e+05	1.30	y	4.20e+05	3.56	1,2,3,4,7,8-HxCDD
38:41	1.01e+06	7.89e+05	1.29	y	1.80e+06	18.0	1,2,3,6,7,8-HxCDD
38:58	9.57e+04	8.03e+04	1.19	y	1.76e+05	1.61	
39:08	5.11e+05	3.82e+05	1.34	y	8.93e+05	8.08	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 19 File: 04MAY11M S: 11 I: 1 F: 4
Acquired: 4-MAY-11 17:55:58

Total Concentration: 1040 Unnamed Concentration: 516.775

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:44	2.13e+07	2.40e+07	0.89	y	4.53e+07	517	
44:07	2.15e+07	2.42e+07	0.89	y	4.57e+07	521	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 19 File: 04MAY11M S: 11 I: 1 F: 1
Acquired: 4-MAY-11 17:55:58

Total Concentration: 23.9 Unnamed Concentration: 22.804

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:00	2.79e+04	3.34e+04	0.84	y	6.13e+04	0.292	
23:22	5.94e+04	8.07e+04	0.74	y	1.40e+05	0.668	
23:45	4.01e+05	6.08e+05	0.66	y	1.01e+06	4.81	
24:08	1.65e+05	2.48e+05	0.66	y	4.13e+05	1.97	
24:23	1.96e+05	2.95e+05	0.67	y	4.91e+05	2.34	
24:41	1.63e+05	2.45e+05	0.67	y	4.08e+05	1.95	
24:48	4.63e+04	6.13e+04	0.76	y	1.08e+05	0.513	
24:54	6.86e+04	9.74e+04	0.70	y	1.66e+05	0.792	
25:16	7.07e+04	1.06e+05	0.67	y	1.76e+05	0.840	
25:22	1.88e+05	2.80e+05	0.67	y	4.68e+05	2.23	
25:30	1.04e+05	1.56e+05	0.66	y	2.60e+05	1.24	
25:52	9.59e+04	1.46e+05	0.66	y	2.41e+05	1.15	
26:05	5.01e+04	7.58e+04	0.66	y	1.26e+05	0.600	
26:14	3.52e+04	4.97e+04	0.71	y	8.49e+04	0.405	
26:29	7.03e+04	9.95e+04	0.71	y	1.70e+05	0.810	
26:35	9.84e+04	1.39e+05	0.71	y	2.37e+05	1.13	2,3,7,8-TCDF
26:55	1.27e+05	1.86e+05	0.68	y	3.13e+05	1.49	
28:25	5.84e+04	8.72e+04	0.67	y	1.46e+05	0.695	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 19 File: 04MAY11M S: 11 I: 1 F: 1
Acquired: 4-MAY-11 17:55:58

Total Concentration: 15.5 Unnamed Concentration: 15.519

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
28:24	1.30e+06	8.75e+05	1.48	y	2.17e+06	15.5	

Totals class: Total Penta-Furans Entry #: 44

Run: 19 File: 04MAY11M S: 11 I: 1 F: 2
Acquired: 4-MAY-11 17:55:58

Total Concentration: 20.8 Unnamed Concentration: 18.213

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:01	1.14e+05	7.50e+04	1.51	y	1.89e+05	1.35	
30:11	8.19e+05	5.07e+05	1.62	y	1.33e+06	9.48	
30:40	2.16e+04	1.64e+04	1.32	y	3.79e+04	0.271	
30:52	2.86e+05	1.78e+05	1.61	y	4.64e+05	3.32	
31:11	3.55e+04	2.57e+04	1.38	y	6.12e+04	0.437	
31:26	5.12e+04	2.96e+04	1.73	y	8.08e+04	0.569	1,2,3,7,8-PeCDF
31:47	1.27e+05	7.39e+04	1.71	y	2.00e+05	1.43	
32:36	4.12e+04	2.65e+04	1.55	y	6.76e+04	0.483	
32:45	1.68e+05	1.08e+05	1.56	y	2.76e+05	2.00	2,3,4,7,8-PeCDF
32:47	1.25e+05	7.70e+04	1.62	y	2.02e+05	1.44	

Totals class: Total Hexa-Furans Entry #: 45

Run: 19 File: 04MAY11M S: 11 I: 1 F: 3
Acquired: 4-MAY-11 17:55:58

Total Concentration: 93.5 Unnamed Concentration: 79.510

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:12	6.69e+05	5.36e+05	1.25	y	1.21e+06	8.68	
35:27	2.26e+06	1.80e+06	1.26	y	4.06e+06	29.3	
36:03	7.69e+04	6.62e+04	1.16	y	1.43e+05	1.03	
36:22	3.00e+06	2.43e+06	1.24	y	5.42e+06	39.0	
36:58	7.53e+04	6.38e+04	1.18	y	1.39e+05	1.00	
37:07	5.00e+05	4.29e+05	1.17	y	9.28e+05	7.23	1,2,3,4,7,8-HxCDF
37:20	1.93e+05	1.62e+05	1.19	y	3.55e+05	2.53	1,2,3,6,7,8-HxCDF
37:48	3.94e+04	3.16e+04	1.25	y	7.10e+04	0.511	
38:16	2.63e+05	2.24e+05	1.17	y	4.86e+05	3.77	2,3,4,6,7,8-HxCDF
39:46	3.99e+04	3.53e+04	1.13	y	7.52e+04	0.474	1,2,3,7,8,9-HxCDF

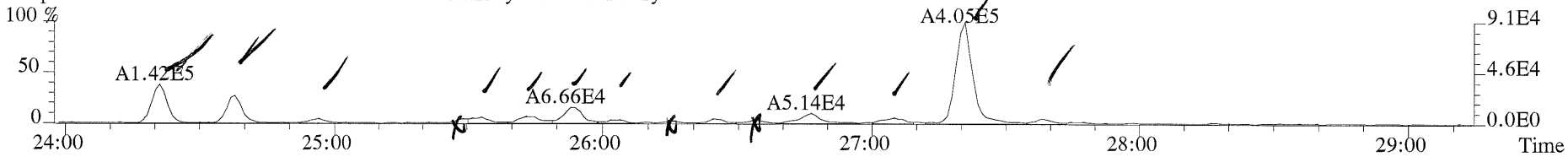
Totals class: Total Hepta-Furans Entry #: 46

Run: 19 File: 04MAY11M S: 11 I: 1 F: 4
Acquired: 4-MAY-11 17:55:58

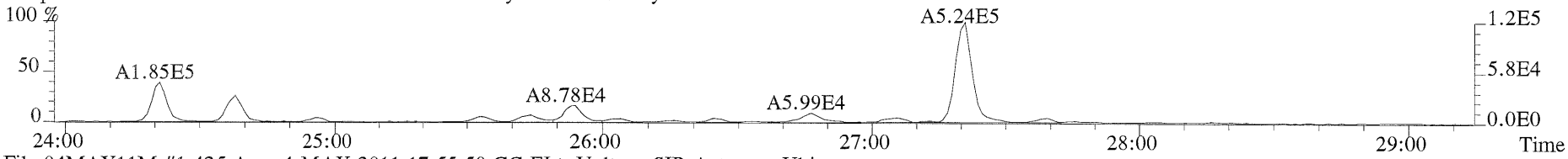
Total Concentration: 336 Unnamed Concentration: 231.156

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:14	5.62e+06	5.33e+06	1.06	y	1.10e+07	101	1,2,3,4,6,7,8-HpCDF
42:45	6.72e+04	7.08e+04	0.95	y	1.38e+05	1.34	
43:02	1.20e+07	1.16e+07	1.04	y	2.36e+07	230	
45:02	1.94e+05	2.02e+05	0.96	y	3.96e+05	4.11	1,2,3,4,7,8,9-HpCDF

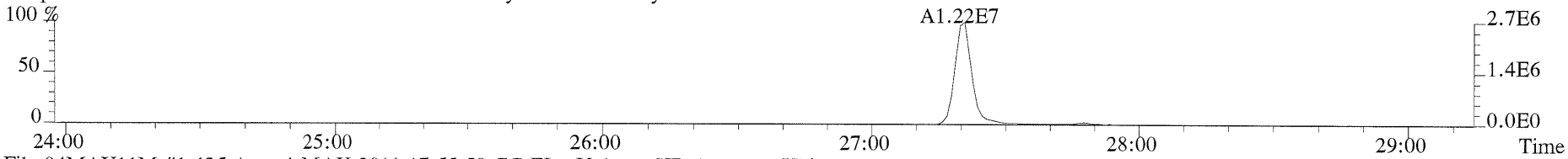
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



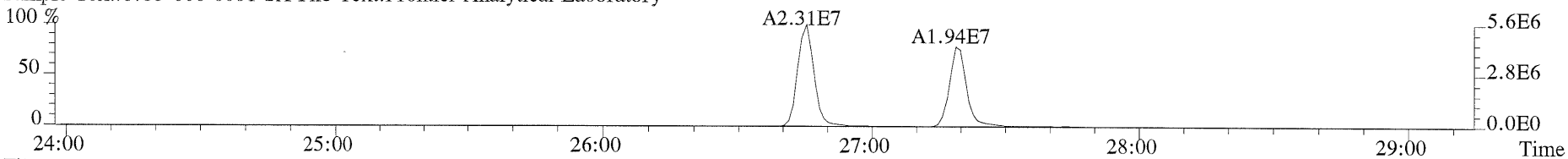
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



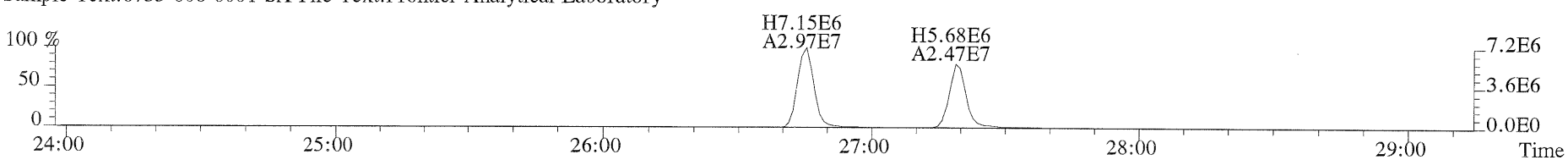
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



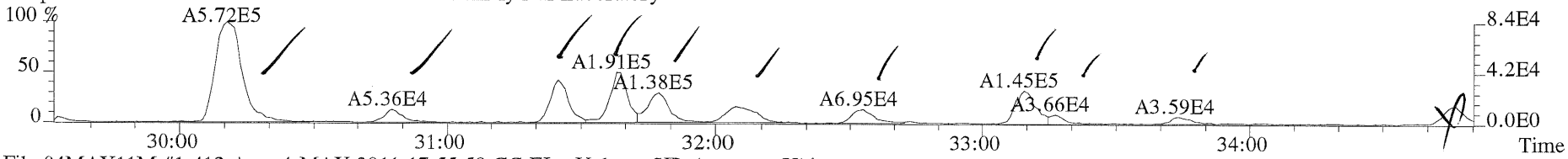
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



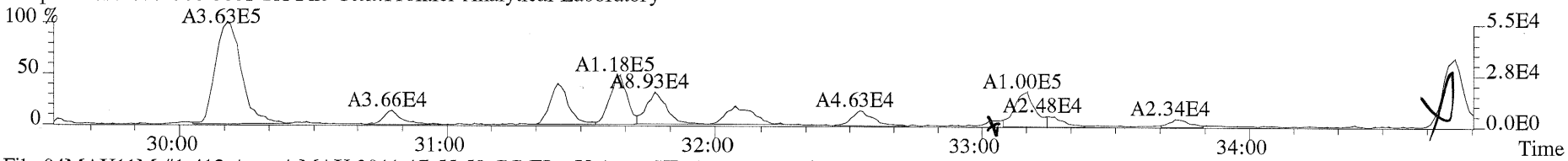
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



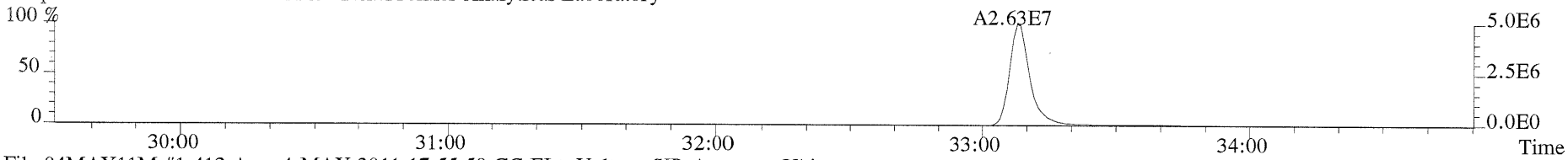
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



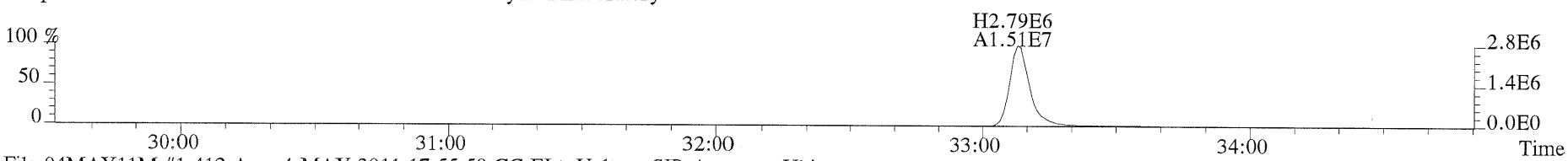
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



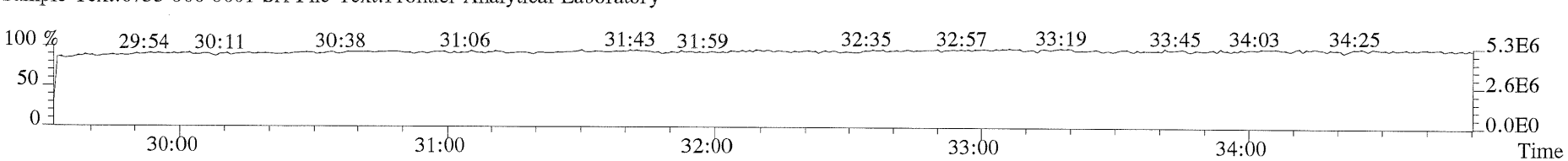
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



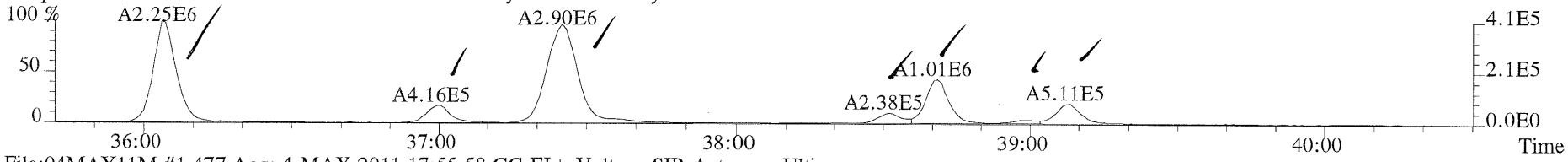
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



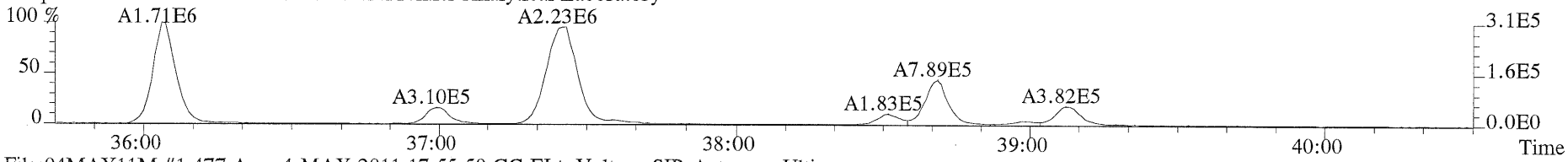
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:11 F:2 Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



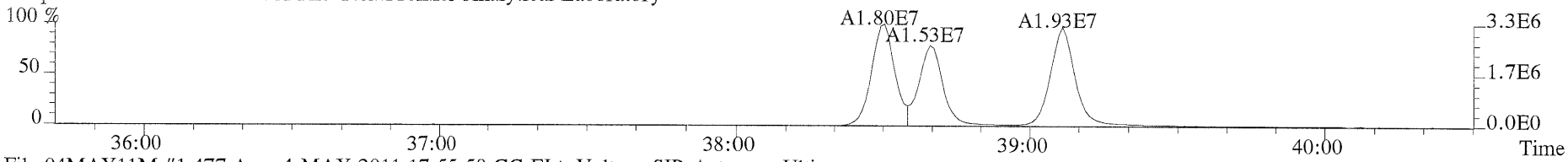
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



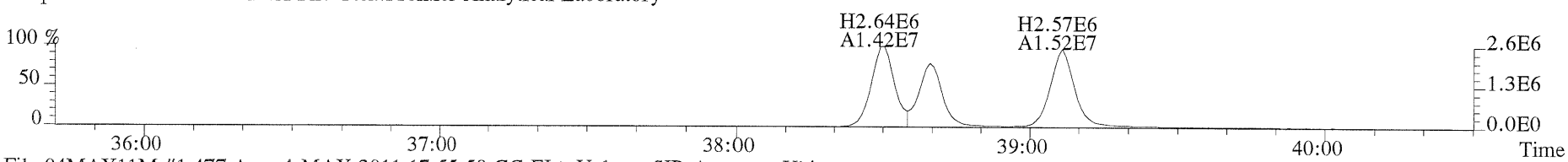
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



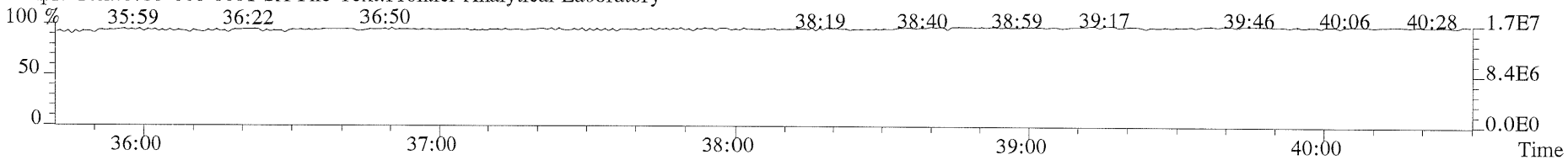
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



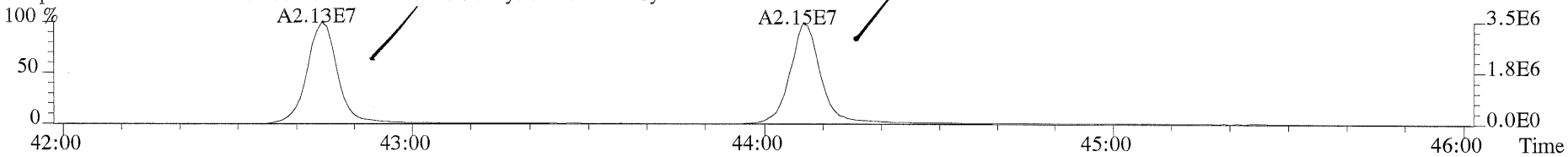
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



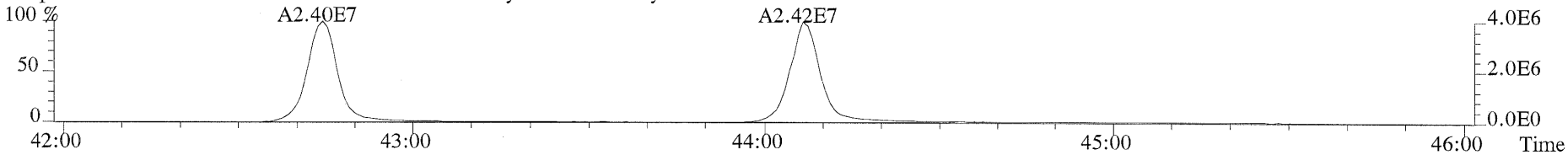
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:11 F:3 Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



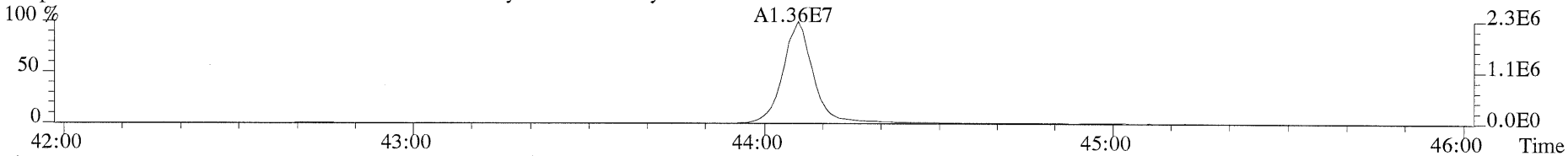
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



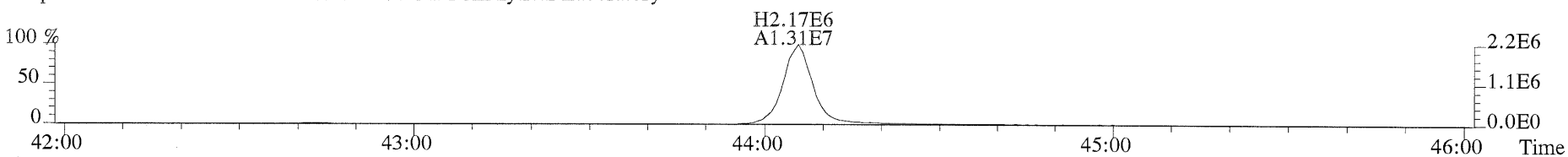
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



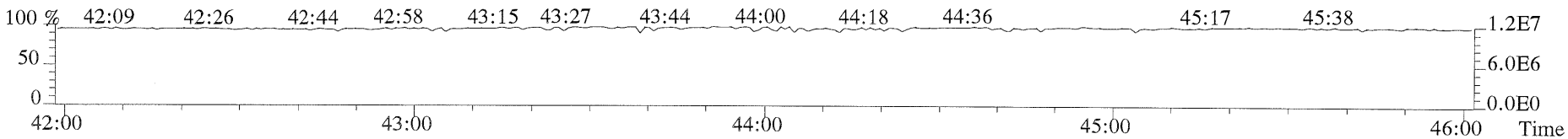
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



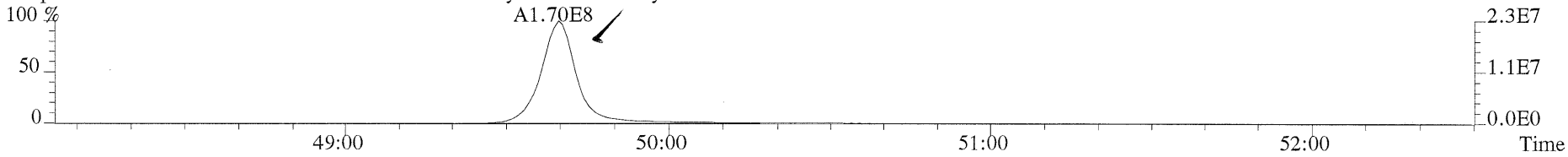
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



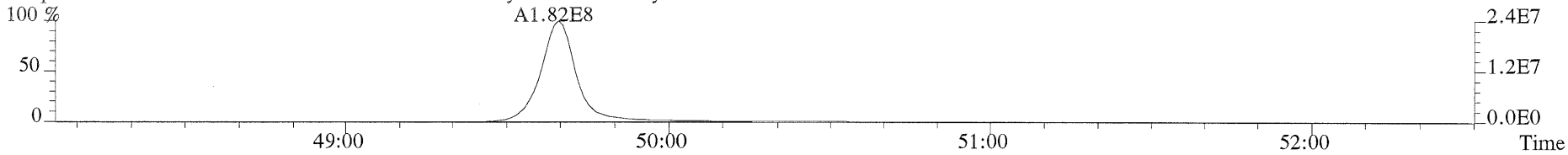
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:11 F:4 Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



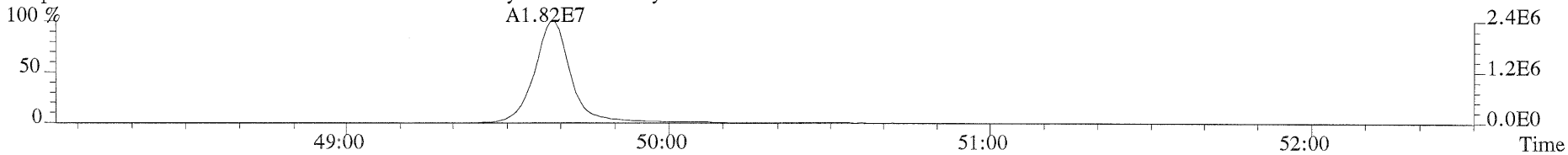
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



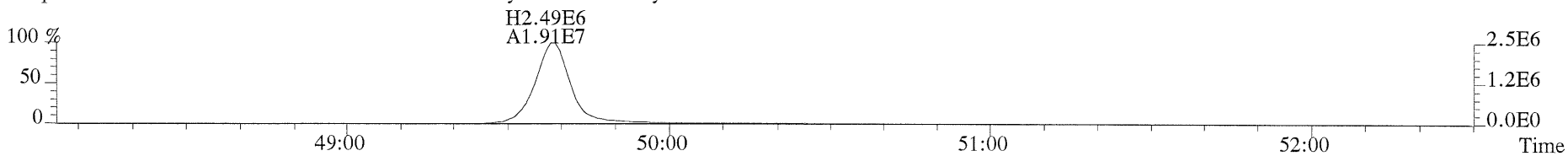
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



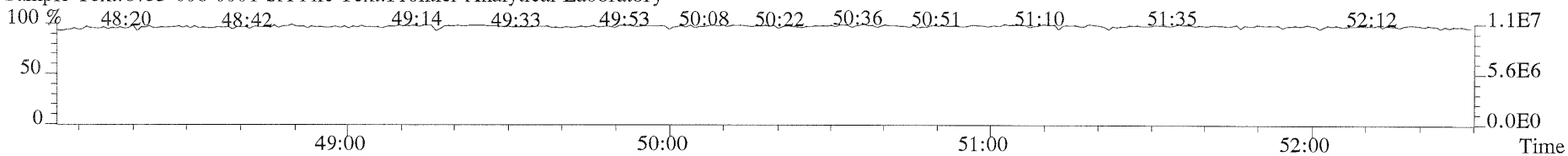
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



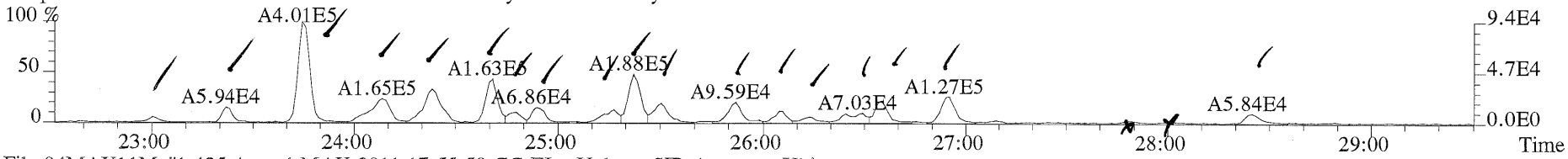
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



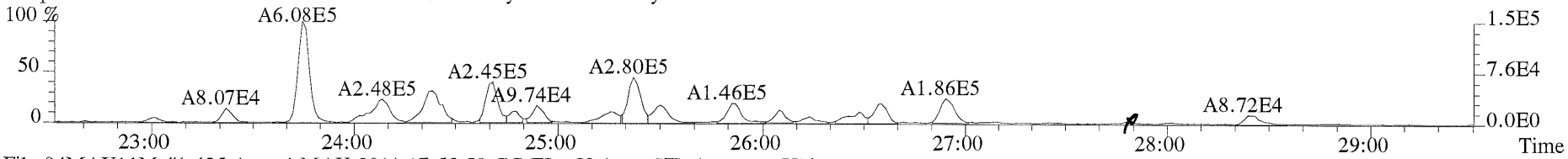
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:11 F:5 Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



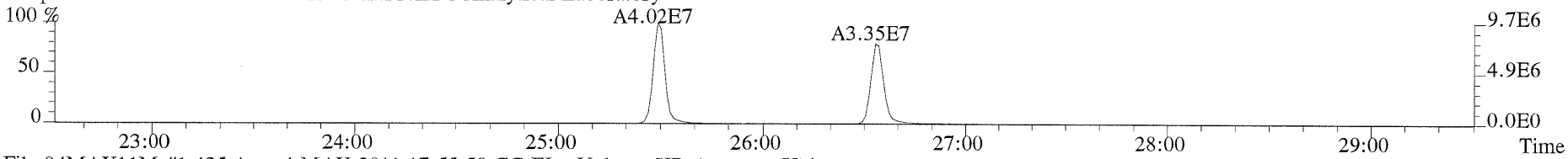
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



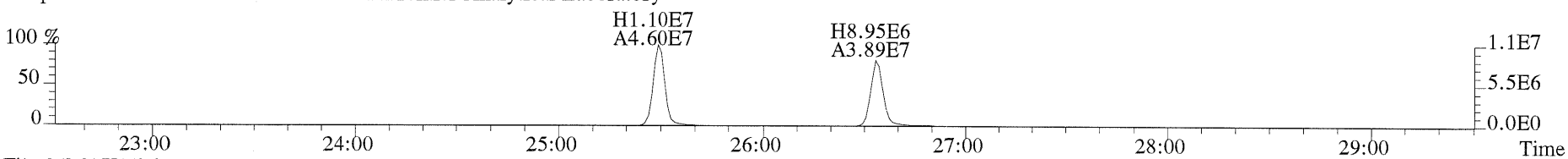
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



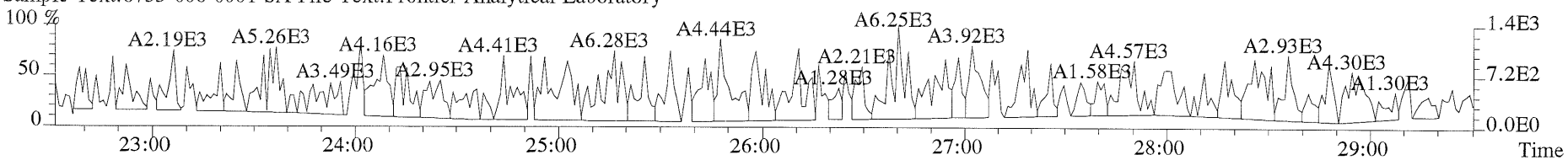
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



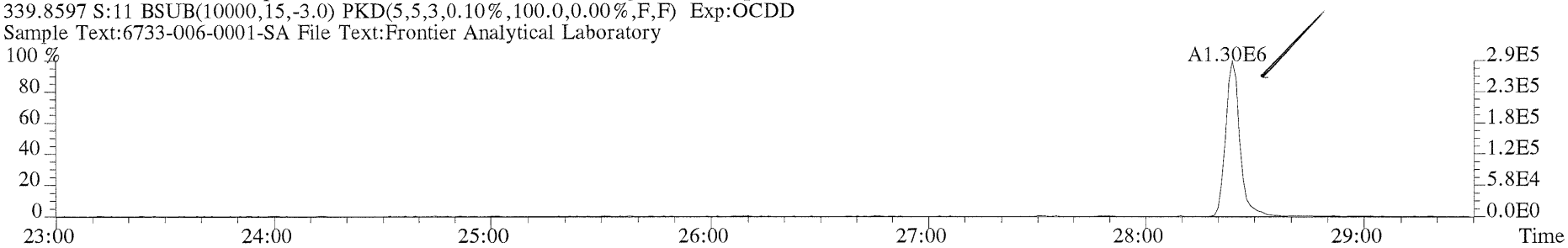
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



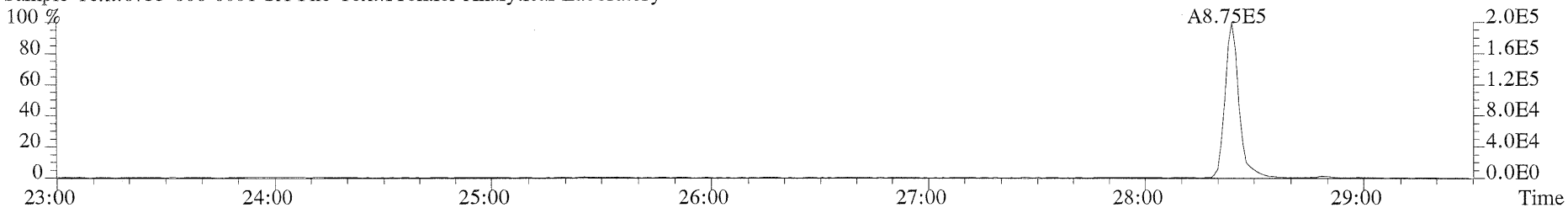
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



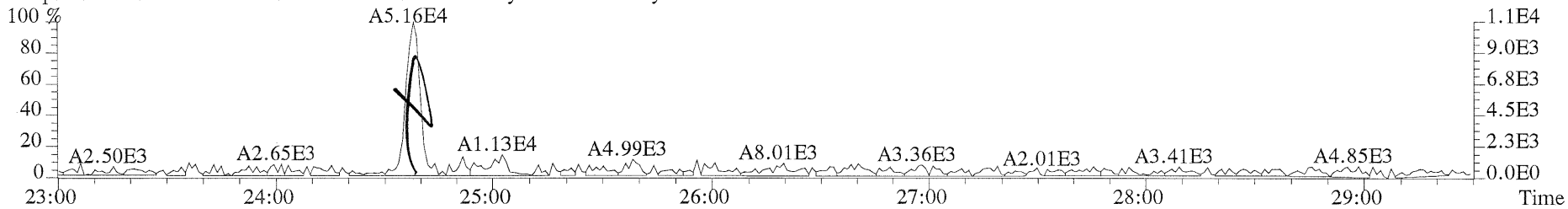
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



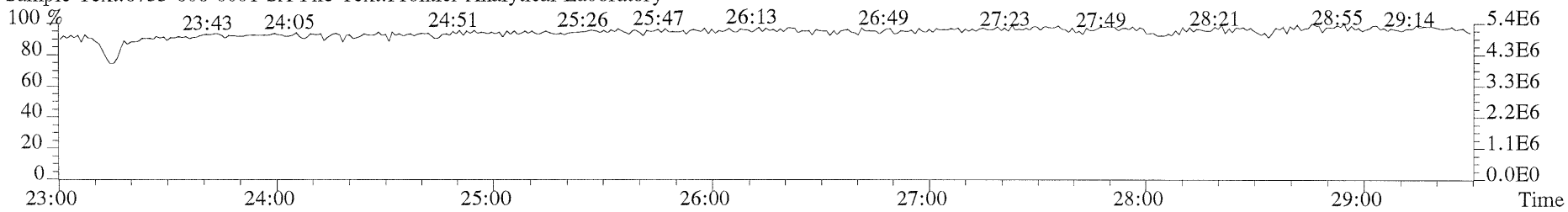
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



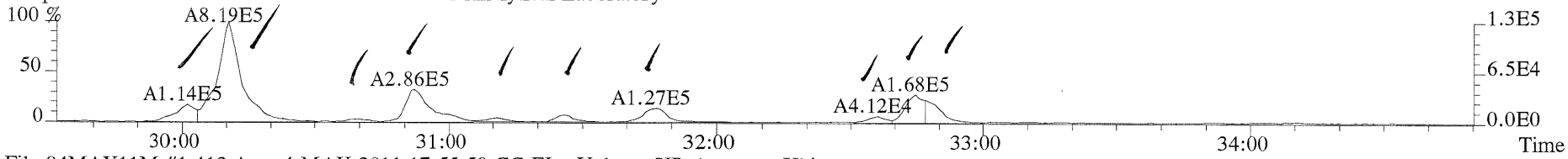
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:11 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



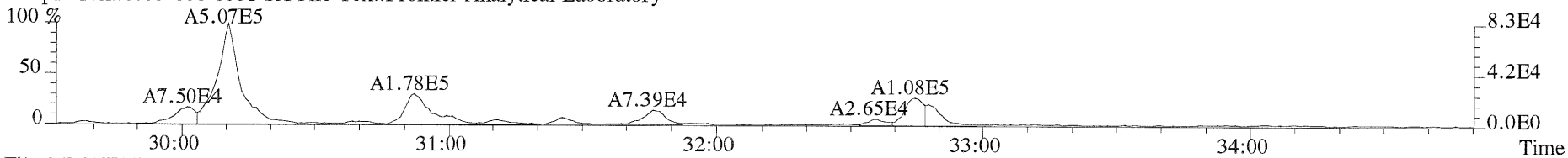
File:04MAY11M #1-425 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:11 Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



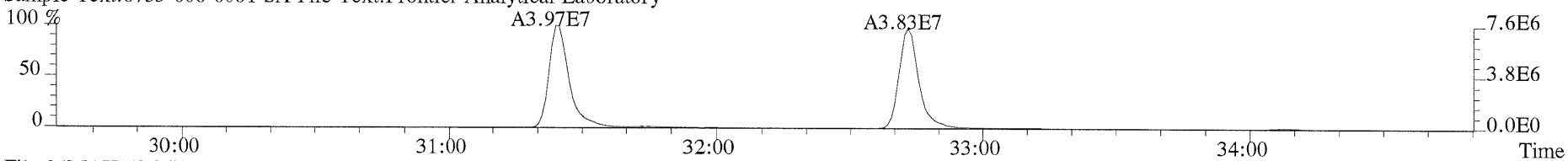
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



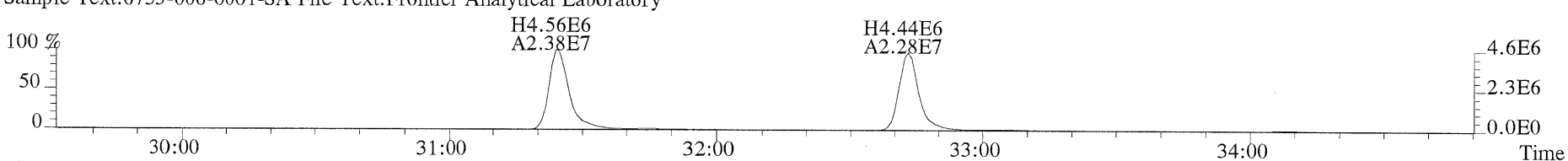
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



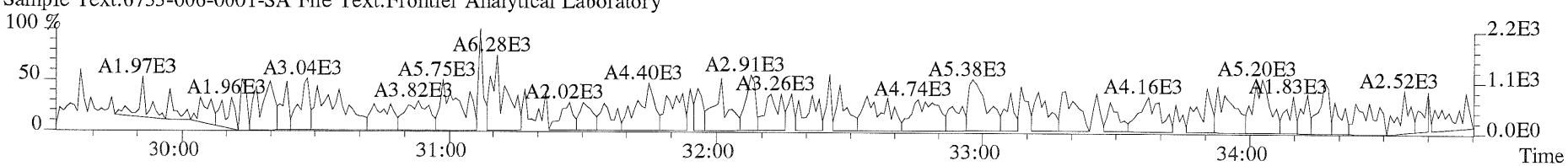
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



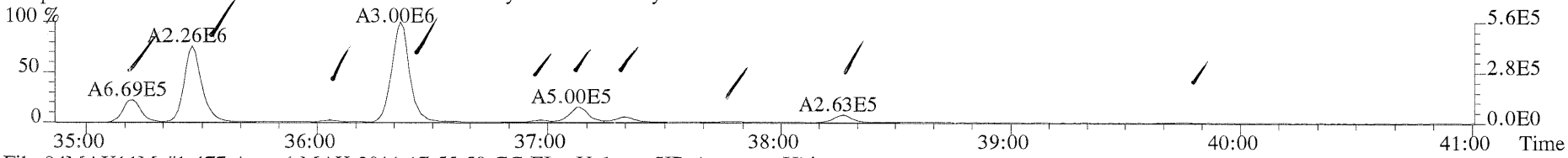
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



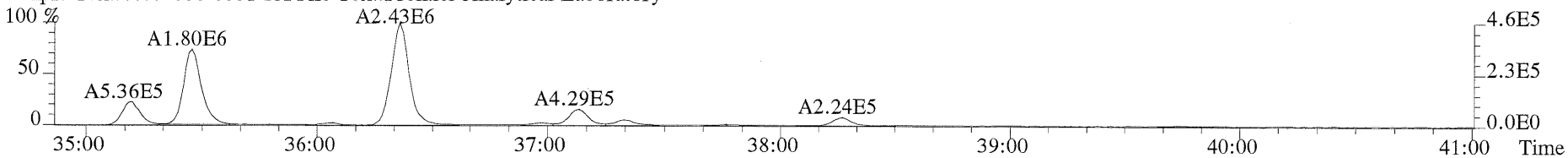
File:04MAY11M #1-412 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:11 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



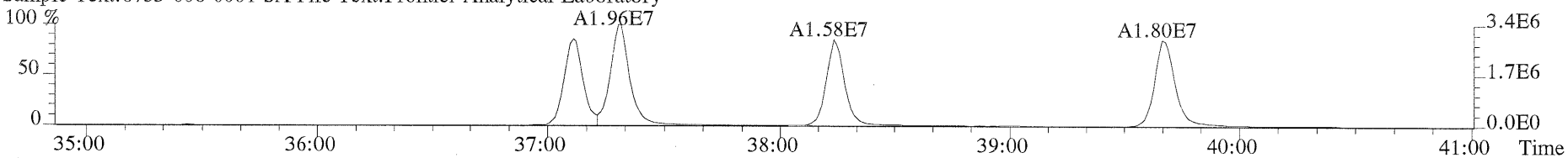
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



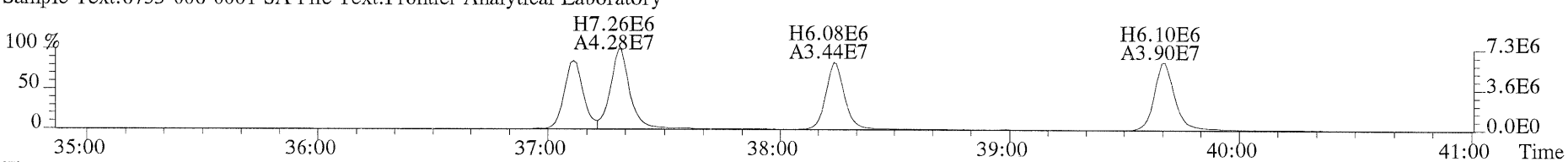
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



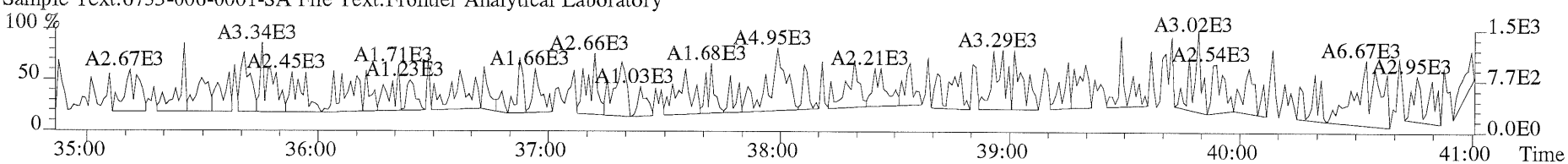
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



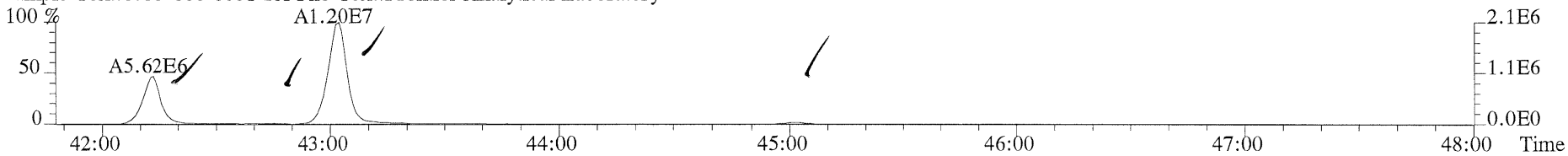
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



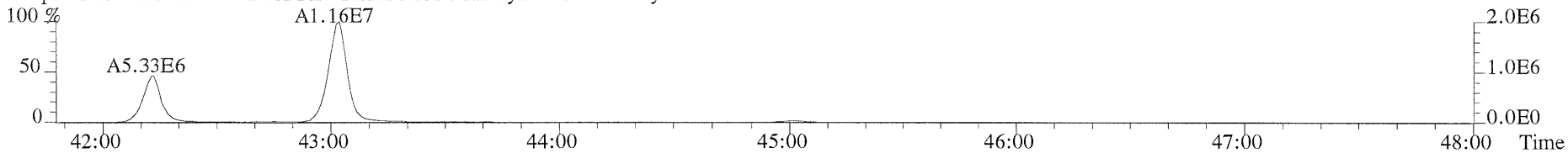
File:04MAY11M #1-477 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:11 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



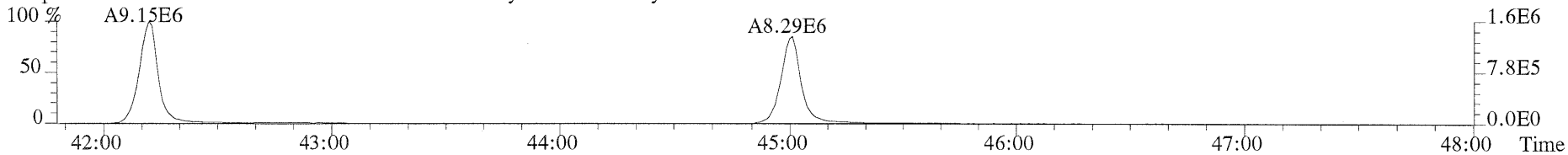
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



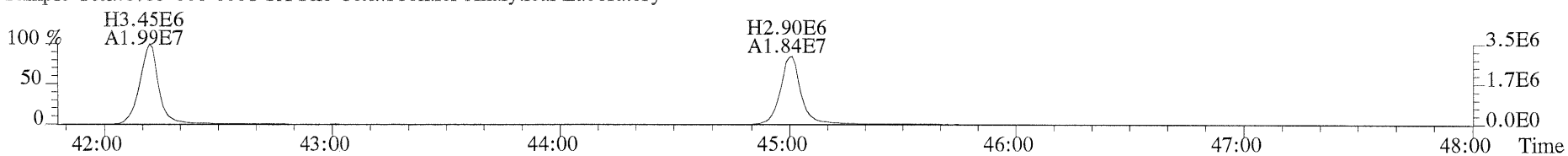
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



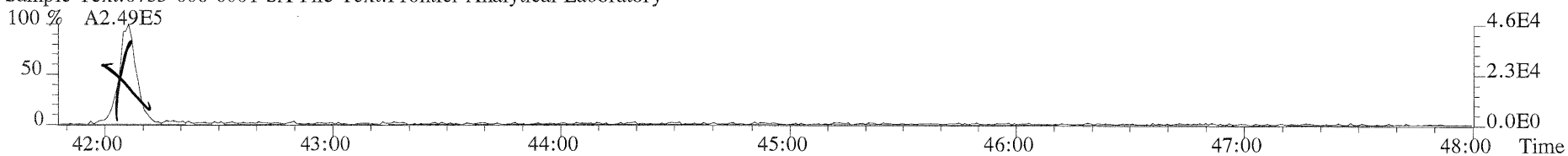
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



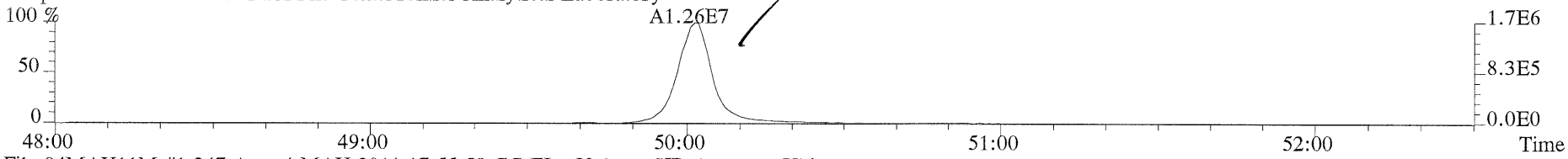
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



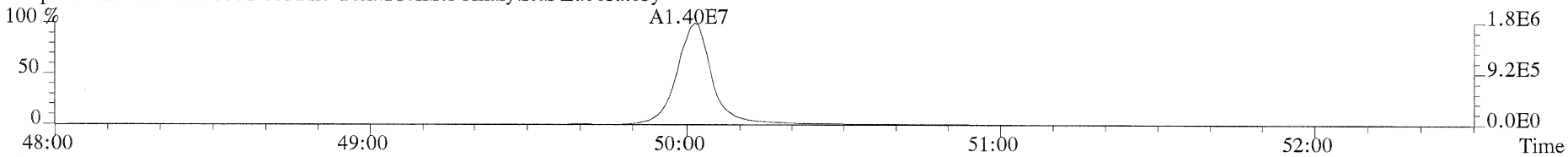
File:04MAY11M #1-541 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:11 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



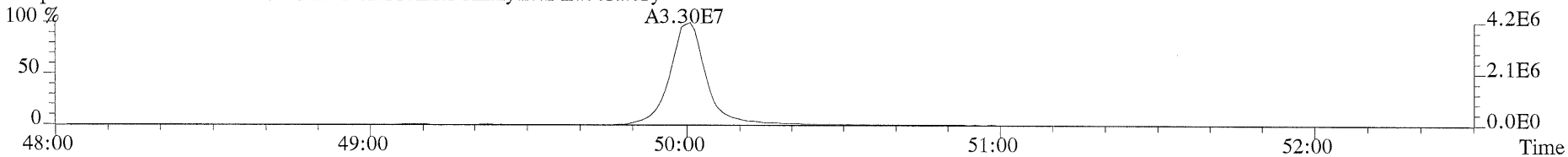
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



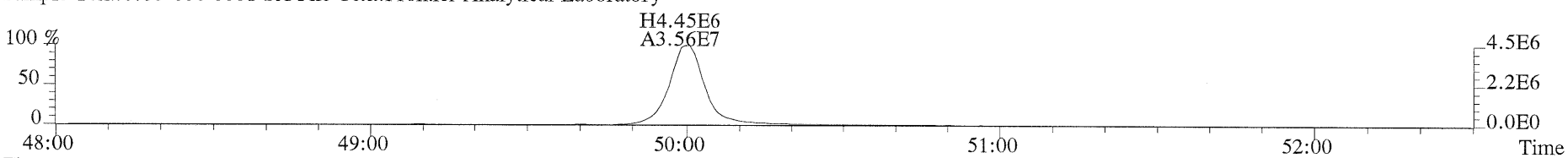
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



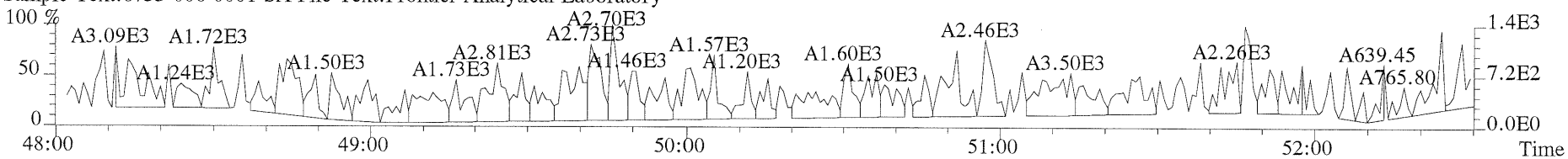
File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 17:55:58 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:11 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-006-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-007-0001-SA Filename: 04MAY11M Sam:7 Acquired: 4-MAY-11 14:14:26 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB4-0-0.5-041911 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 5.030 NATO 1989 Tox: 6.23
WHO 1998 Tox: 5.52 WHO 2005 Tox: 5.59

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	1.29e+05	0.76 y	27:21	1.13	1.35		2.50	-	-	*
1,2,3,7,8-PeCDD	6.35e+04	1.35 y	33:11	1.02	0.768	J	2.50	-	-	*
1,2,3,4,7,8-HxCDD	1.04e+05	1.28 y	38:32	1.45	1.15	J	2.50	-	-	*
1,2,3,6,7,8-HxCDD	3.67e+05	1.32 y	38:41	1.45	4.76	J	2.50	-	-	*
1,2,3,7,8,9-HxCDD	2.10e+05	1.23 y	39:10	1.47	2.48	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDD	8.26e+06	0.89 y	44:07	1.30	128		2.50	-	-	*
OCDD	5.06e+07	0.93 y	49:40	1.45	1150		2.50	-	-	*
2,3,7,8-TCDF	1.81e+05	0.68 y	26:35	1.15	1.09		2.50	-	-	*
1,2,3,7,8-PeCDF	5.25e+04	1.75 y	31:26	0.89	0.471	J	2.50	-	-	*
2,3,4,7,8-PeCDF	8.26e+04	1.61 y	32:46	0.89	0.772	J	2.50	-	-	*
1,2,3,4,7,8-HxCDF	1.29e+05	1.20 y	37:09	1.01	1.29	J	2.50	-	-	*
1,2,3,6,7,8-HxCDF	9.46e+04	1.31 y	37:20	0.89	0.836	J	2.50	-	-	*
2,3,4,6,7,8-HxCDF	1.40e+05	1.20 y	38:17	1.02	1.40	J	2.50	-	-	*
1,2,3,7,8,9-HxCDF	3.02e+04	1.34 y	39:46	1.10	0.258	J	2.50	-	-	*
1,2,3,4,6,7,8-HpCDF	1.91e+06	1.04 y	42:13	1.48	24.3		2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	8.34e+04	1.13 y	45:02	1.43	1.27	J	2.50	-	-	*
OCDF	3.69e+06	0.92 y	50:02	0.84	76.0		2.50	-	-	*
										Rec
13C-2,3,7,8-TCDD	3.34e+07	0.77 y	27:20	1.03	318					79.9
13C-1,2,3,7,8-PeCDD	3.23e+07	1.74 y	33:09	1.01	313					78.8
13C-1,2,3,4,7,8-HxCDD	2.48e+07	1.27 y	38:31	1.19	336					84.6
13C-1,2,3,6,7,8-HxCDD	2.11e+07	1.27 y	38:40	0.94	364					91.5
13C-1,2,3,4,6,7,8-HpCDD	1.97e+07	1.05 y	44:06	0.83	385					96.7
13C-OCDD	2.42e+07	0.96 y	49:39	0.61	641					80.7
13C-2,3,7,8-TCDF	5.75e+07	0.86 y	26:34	0.98	339					85.3
13C-1,2,3,7,8-PeCDF	5.01e+07	1.68 y	31:25	0.83	349					87.8
13C-2,3,4,7,8-PeCDF	4.76e+07	1.69 y	32:44	0.80	343					86.2
13C-1,2,3,4,7,8-HxCDF	3.96e+07	0.46 y	37:07	1.84	347					87.2
13C-1,2,3,6,7,8-HxCDF	5.04e+07	0.47 y	37:19	2.29	355					89.3
13C-2,3,4,6,7,8-HxCDF	3.90e+07	0.48 y	38:15	1.86	337					84.9
13C-1,2,3,7,8,9-HxCDF	4.21e+07	0.47 y	39:41	1.98	343					86.2
13C-1,2,3,4,6,7,8-HpCDF	2.11e+07	0.46 y	42:13	0.99	344					86.6
13C-1,2,3,4,7,8,9-HpCDF	1.84e+07	0.46 y	45:01	0.77	387					97.2
13C-OCDF	4.58e+07	0.95 y	50:01	1.17	634					79.8
37Cl-2,3,7,8-TCDD	8.92e+06		27:21	0.73	120					75.3
13C-1,2,3,4-TCDD	4.06e+07	0.77 y	26:45	-	21.2					
13C-1,2,3,4-TCDF	6.88e+07	0.87 y	25:30	-	19.0					
13C-1,2,3,7,8,9-HxCDD	2.47e+07	1.25 y	39:07	-	19.8					

						Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	1.33e+06		24:21	1.13	14.0	2.50	-	-	*		11
Total Penta-Dioxins	9.66e+05		30:11	1.02	11.7	2.50	-	-	*		9
Total Hexa-Dioxins	3.02e+06		36:05	1.46	36.1	2.50	-	-	*		8
Total Hepta-Dioxins	1.64e+07		42:45	1.30	255	2.50	-	-	*		2
Total Tetra-Furans	3.26e+06		23:00	1.15	19.7	2.50	-	-	*		18
1st Fn. Tot Penta-Furans	8.94e+05		28:25	0.89	8.18	2.50	-	-	*	PeCDF	1
Total Penta-Furans	1.32e+06		30:01	0.89	12.1	2.50	-	-	*	~~20.2~~ 20.3	8
Total Hexa-Furans	2.96e+06		35:12	1.00	27.7	2.50	-	-	*		9
Total Hepta-Furans	5.79e+06		42:13	1.46	78.1	2.50	-	-	*		4

Analyst: _____ Date: 5/5/11

Totals class: Total Tetra-Dioxins Entry #: 38

Run: 15 File: 04MAY11M S: 7 I: 1 F: 1
Acquired: 4-MAY-11 14:14:26

Total Concentration: 14.0 Unnamed Concentration: 12.620

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
24:21	2.10e+05	2.62e+05	0.80	y	4.72e+05	4.96	
24:38	1.36e+05	1.70e+05	0.80	y	3.06e+05	3.22	
24:58	1.63e+04	2.01e+04	0.81	y	3.64e+04	0.382	
25:34	1.32e+04	1.88e+04	0.70	y	3.19e+04	0.335	
25:43	3.88e+04	4.90e+04	0.79	y	8.77e+04	0.922	
25:53	3.60e+04	4.79e+04	0.75	y	8.39e+04	0.881	
26:03	1.57e+04	2.00e+04	0.78	y	3.57e+04	0.375	
26:26	1.49e+04	1.87e+04	0.79	y	3.36e+04	0.353	
26:46	1.89e+04	2.56e+04	0.74	y	4.46e+04	0.468	
27:05	3.16e+04	3.76e+04	0.84	y	6.92e+04	0.727	
27:21	5.55e+04	7.30e+04	0.76	y	1.29e+05	1.35	2,3,7,8-TCDD

Totals class: Total Penta-Dioxins Entry #: 39

Run: 15 File: 04MAY11M S: 7 I: 1 F: 2
Acquired: 4-MAY-11 14:14:26

Total Concentration: 11.7 Unnamed Concentration: 10.923

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:11	2.01e+05	1.27e+05	1.58	y	3.29e+05	3.98	
30:48	2.17e+04	1.40e+04	1.55	y	3.57e+04	0.432	
31:26	1.09e+05	7.02e+04	1.55	y	1.79e+05	2.17	
31:38	4.34e+04	2.96e+04	1.47	y	7.30e+04	0.884	
31:47	8.31e+04	5.09e+04	1.63	y	1.34e+05	1.62	
32:07	4.06e+04	2.80e+04	1.45	y	6.86e+04	0.831	
32:33	3.63e+04	2.18e+04	1.66	y	5.81e+04	0.703	
33:11	3.64e+04	2.70e+04	1.35	y	6.35e+04	0.768	1,2,3,7,8-PeCDD
33:16	1.47e+04	1.05e+04	1.40	y	2.52e+04	0.306	

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 15 File: 04MAY11M S: 7 I: 1 F: 3
Acquired: 4-MAY-11 14:14:26

Total Concentration: 36.1 Unnamed Concentration: 27.727

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:05	4.43e+05	3.42e+05	1.29	y	7.85e+05	9.33	
37:00	1.95e+05	1.41e+05	1.38	y	3.37e+05	4.00	
37:26	6.04e+05	4.54e+05	1.33	y	1.06e+06	12.6	
37:37	4.02e+04	3.57e+04	1.13	y	7.59e+04	0.902	
38:32	5.82e+04	4.56e+04	1.28	y	1.04e+05	1.15	1,2,3,4,7,8-HxCDD
38:41	2.09e+05	1.58e+05	1.32	y	3.67e+05	4.76	1,2,3,6,7,8-HxCDD
39:00	4.27e+04	3.44e+04	1.24	y	7.71e+04	0.916	
39:10	1.16e+05	9.45e+04	1.23	y	2.10e+05	2.48	1,2,3,7,8,9-HxCDD

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 15 File: 04MAY11M S: 7 I: 1 F: 4
Acquired: 4-MAY-11 14:14:26

Total Concentration: 255 Unnamed Concentration: 126.463

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
42:45	3.86e+06	4.30e+06	0.90 y	8.15e+06	126	
44:07	3.88e+06	4.38e+06	0.89 y	8.26e+06	128	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 15 File: 04MAY11M S: 7 I: 1 F: 1
Acquired: 4-MAY-11 14:14:26

Total Concentration: 19.7 Unnamed Concentration: 18.577

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:00	1.96e+04	2.41e+04	0.81	y	4.37e+04	0.264	
23:22	2.92e+04	4.39e+04	0.66	y	7.31e+04	0.441	
23:46	2.48e+05	3.75e+05	0.66	y	6.23e+05	3.75	
24:08	1.27e+05	1.81e+05	0.70	y	3.08e+05	1.86	
24:23	1.12e+05	1.68e+05	0.67	y	2.81e+05	1.69	
24:41	9.05e+04	1.25e+05	0.73	y	2.15e+05	1.30	
24:48	2.98e+04	4.52e+04	0.66	y	7.49e+04	0.452	
24:54	4.61e+04	6.33e+04	0.73	y	1.09e+05	0.659	
25:15	5.73e+04	8.12e+04	0.71	y	1.38e+05	0.834	
25:23	1.29e+05	1.96e+05	0.66	y	3.25e+05	1.96	
25:30	6.76e+04	9.77e+04	0.69	y	1.65e+05	0.996	
25:52	6.39e+04	9.40e+04	0.68	y	1.58e+05	0.951	
26:05	3.42e+04	4.96e+04	0.69	y	8.38e+04	0.505	
26:14	2.18e+04	2.62e+04	0.83	y	4.80e+04	0.289	
26:29	6.30e+04	7.60e+04	0.83	y	1.39e+05	0.838	
26:35	7.34e+04	1.08e+05	0.68	y	1.81e+05	1.09	2,3,7,8-TCDF
26:55	8.74e+04	1.33e+05	0.65	y	2.21e+05	1.33	
28:26	3.55e+04	4.15e+04	0.86	y	7.70e+04	0.464	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 15 File: 04MAY11M S: 7 I: 1 F: 1
Acquired: 4-MAY-11 14:14:26

Total Concentration: 8.18 Unnamed Concentration: 8.176

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:25	5.40e+05	3.54e+05	1.53 y	8.94e+05	8.18	

Totals class: Total Penta-Furans Entry #: 44

Run: 15 File: 04MAY11M S: 7 I: 1 F: 2
Acquired: 4-MAY-11 14:14:26

Total Concentration: 12.1 Unnamed Concentration: 10.809

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
30:01	5.84e+04	3.95e+04	1.48	y	9.79e+04	0.895	
30:11	3.83e+05	2.34e+05	1.64	y	6.17e+05	5.65	
30:53	1.12e+05	8.04e+04	1.39	y	1.92e+05	1.76	
31:26	3.34e+04	1.91e+04	1.75	y	5.25e+04	0.471	1,2,3,7,8-PeCDF
31:47	6.35e+04	3.78e+04	1.68	y	1.01e+05	0.927	
32:37	2.60e+04	1.79e+04	1.45	y	4.39e+04	0.402	
32:46	5.09e+04	3.17e+04	1.61	y	8.26e+04	0.772	2,3,4,7,8-PeCDF
32:48	7.89e+04	5.00e+04	1.58	y	1.29e+05	1.18	

Totals class: Total Hexa-Furans Entry #: 45

Run: 15 File: 04MAY11M S: 7 I: 1 F: 3
Acquired: 4-MAY-11 14:14:26

Total Concentration: 27.7 Unnamed Concentration: 23.885

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:12	1.65e+05	1.34e+05	1.23	y	2.99e+05	2.78	
35:28	5.61e+05	4.54e+05	1.24	y	1.02e+06	9.43	
36:04	3.04e+04	2.27e+04	1.34	y	5.31e+04	0.493	
36:22	6.45e+05	5.18e+05	1.24	y	1.16e+06	10.8	
36:58	2.35e+04	1.70e+04	1.38	y	4.05e+04	0.377	
37:09	7.07e+04	5.87e+04	1.20	y	1.29e+05	1.29	1,2,3,4,7,8-HxCDF
37:20	5.37e+04	4.09e+04	1.31	y	9.46e+04	0.836	1,2,3,6,7,8-HxCDF
38:17	7.64e+04	6.35e+04	1.20	y	1.40e+05	1.40	2,3,4,6,7,8-HxCDF
39:46	1.73e+04	1.29e+04	1.34	y	3.02e+04	0.258	1,2,3,7,8,9-HxCDF

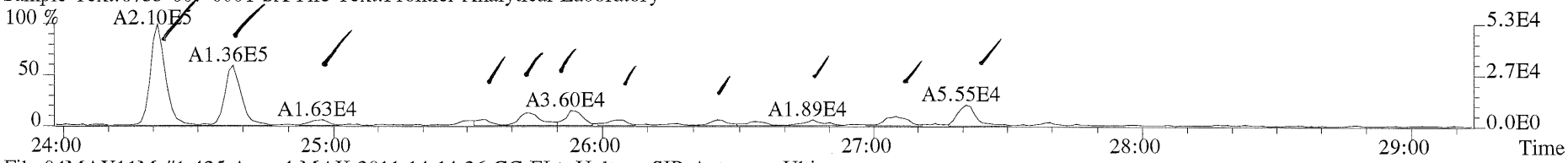
Totals class: Total Hepta-Furans Entry #: 46

Run: 15 File: 04MAY11M S: 7 I: 1 F: 4
Acquired: 4-MAY-11 14:14:26

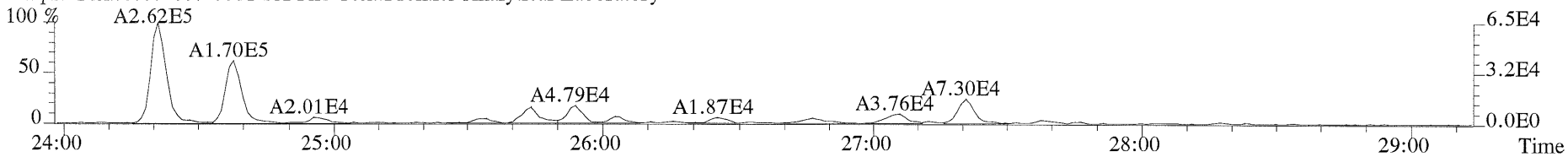
Total Concentration: 78.1 Unnamed Concentration: 52.490

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:13	9.75e+05	9.36e+05	1.04	y	1.91e+06	24.3	1,2,3,4,6,7,8-HpCDF
42:46	2.66e+04	2.65e+04	1.00	y	5.31e+04	0.735	
43:02	1.91e+06	1.83e+06	1.05	y	3.74e+06	51.8	
45:02	4.42e+04	3.91e+04	1.13	y	8.34e+04	1.27	1,2,3,4,7,8,9-HpCDF

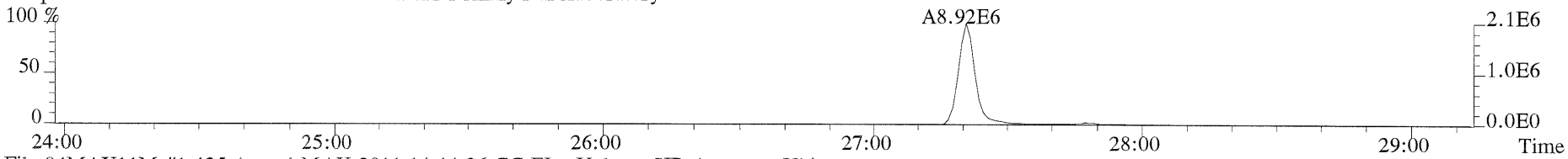
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



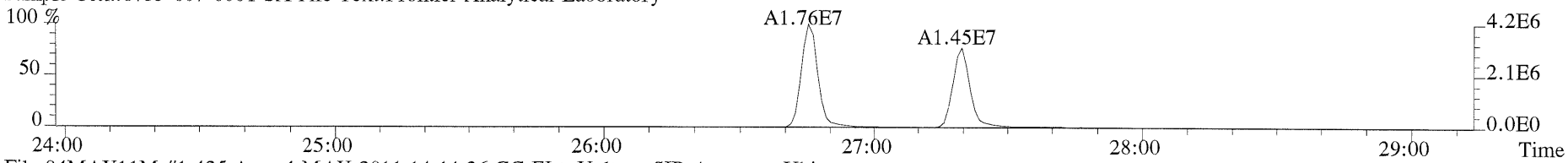
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



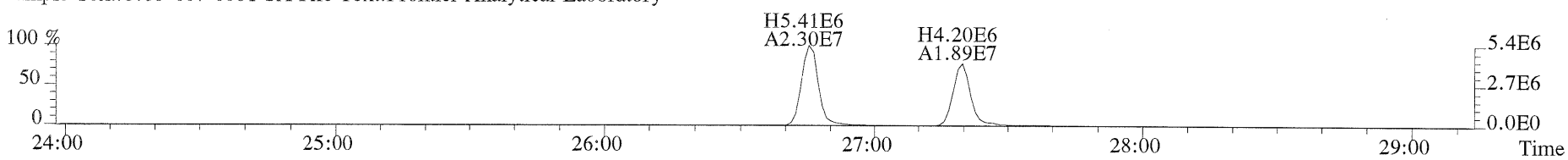
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



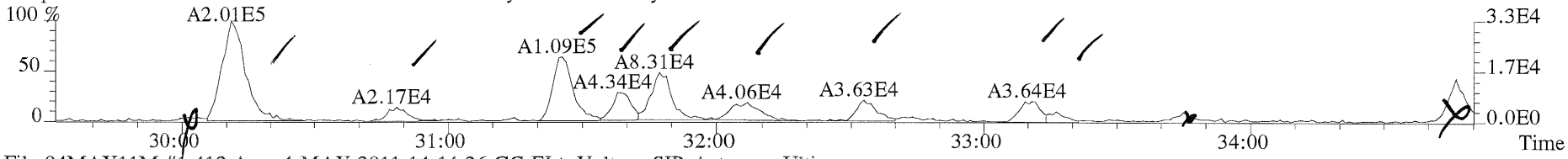
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



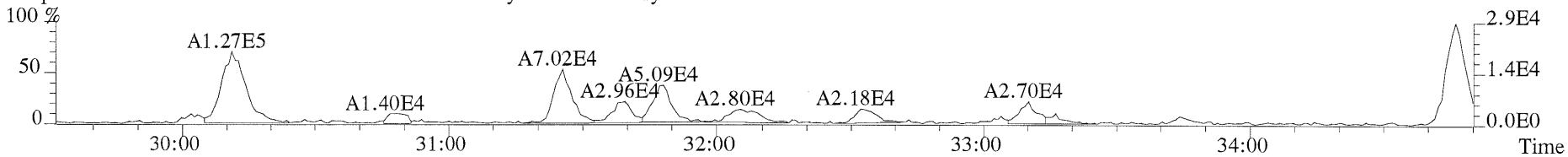
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



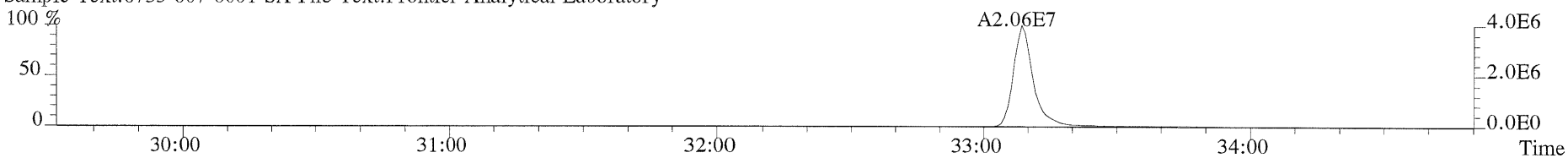
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



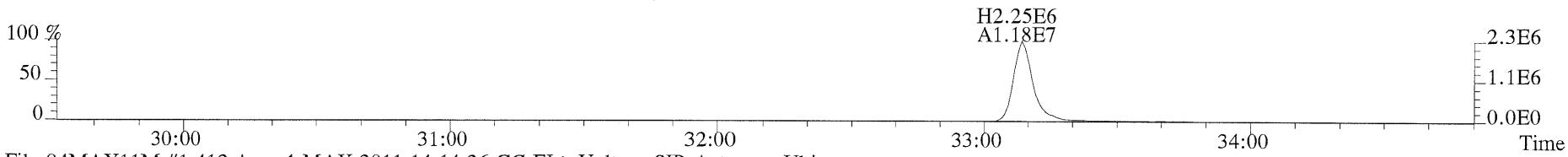
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



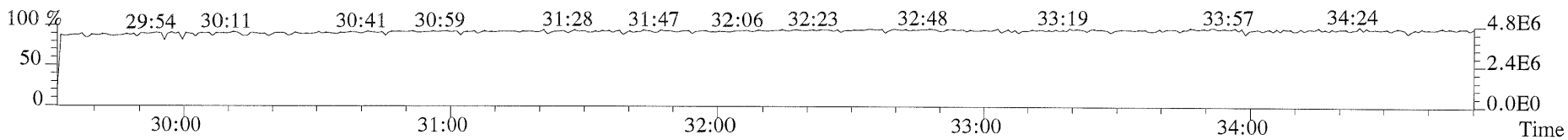
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



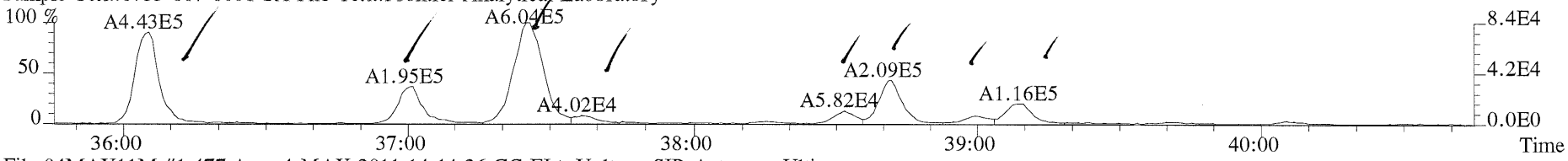
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



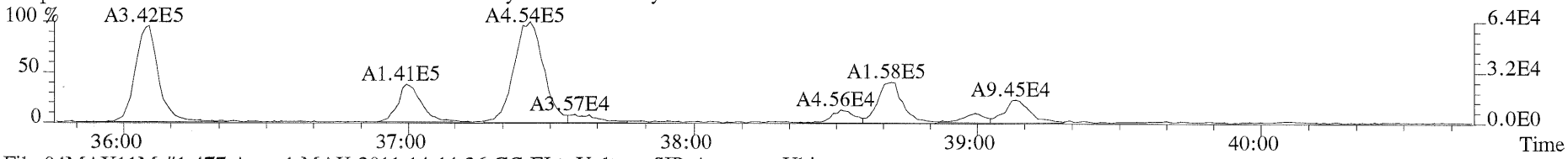
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:7 F:2 Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



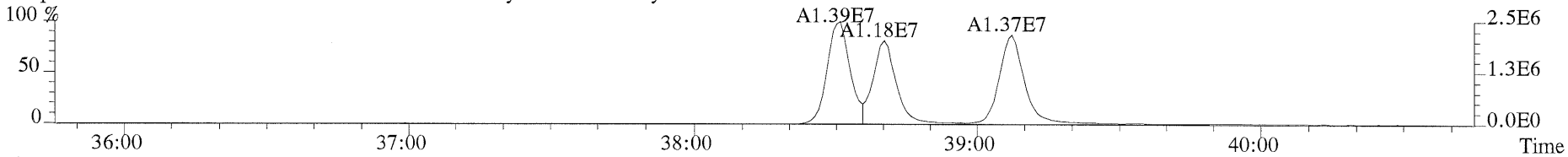
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



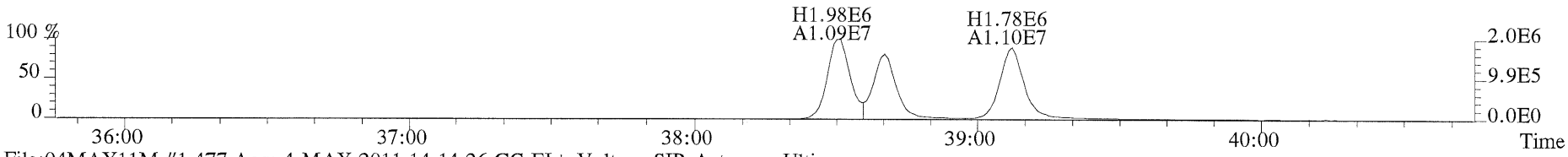
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



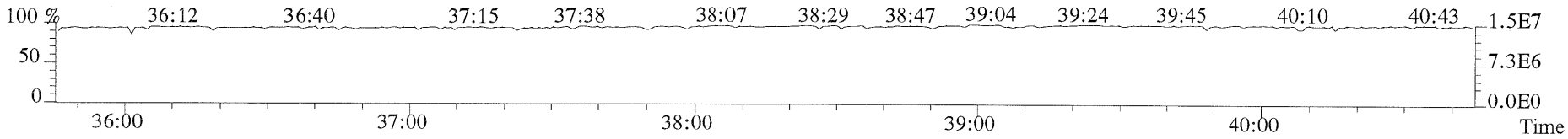
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



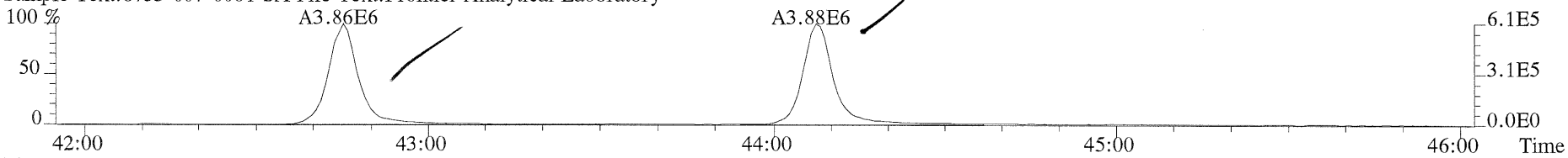
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



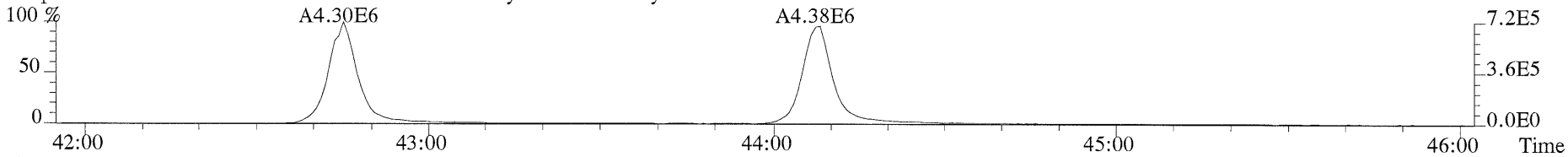
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:7 F:3 Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



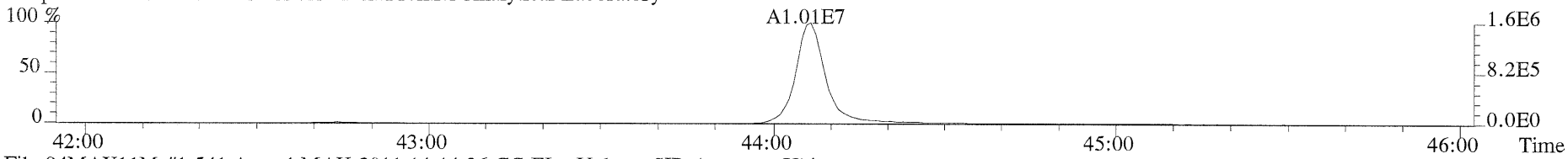
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



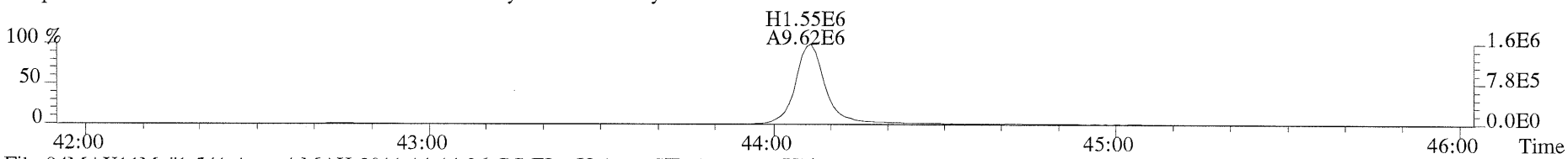
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



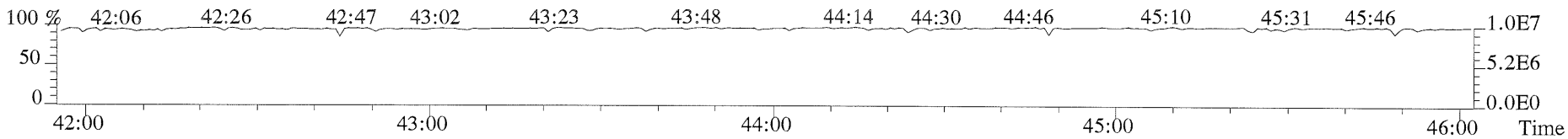
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



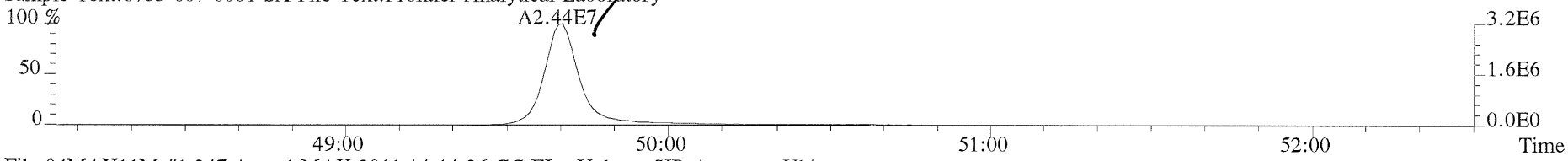
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



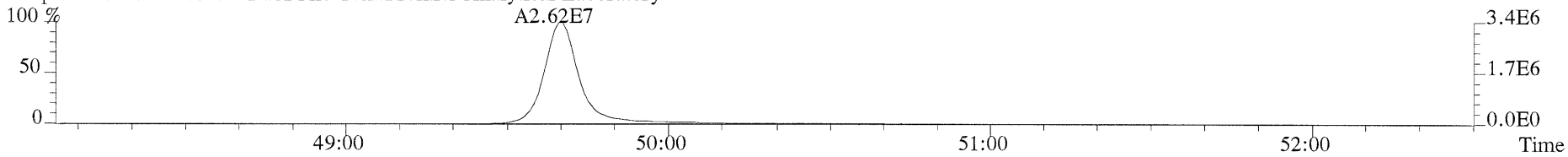
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:7 F:4 Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



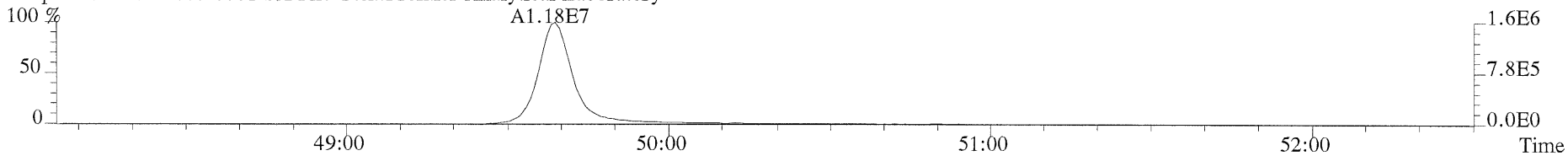
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



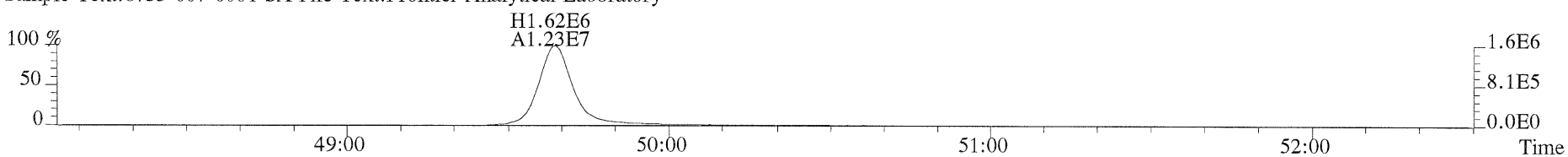
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



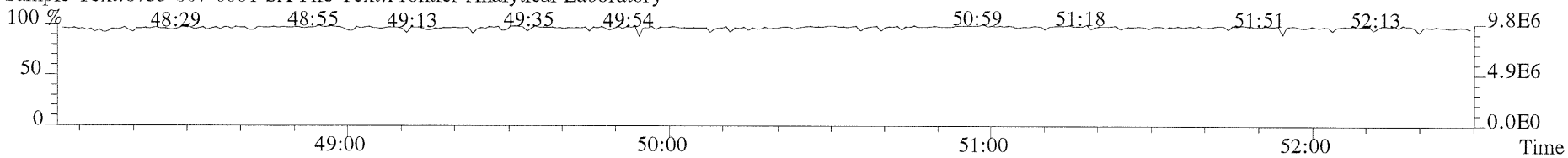
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



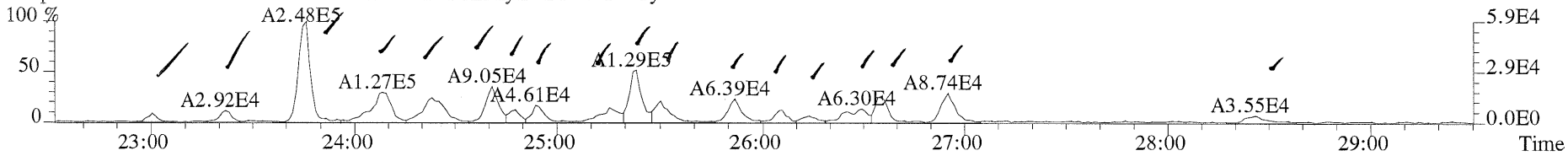
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



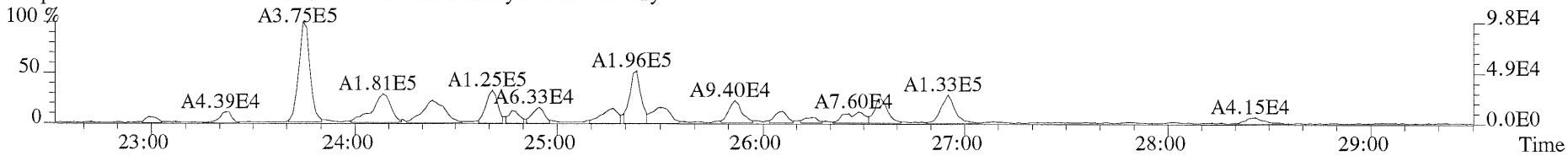
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:7 F:5 Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



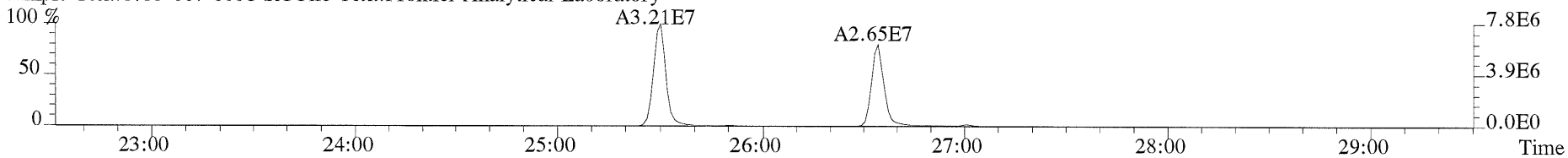
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



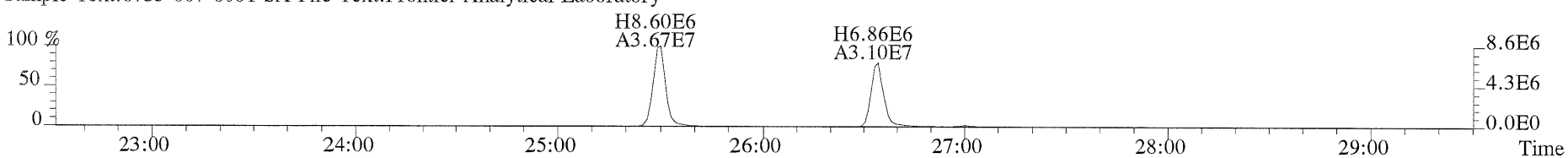
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



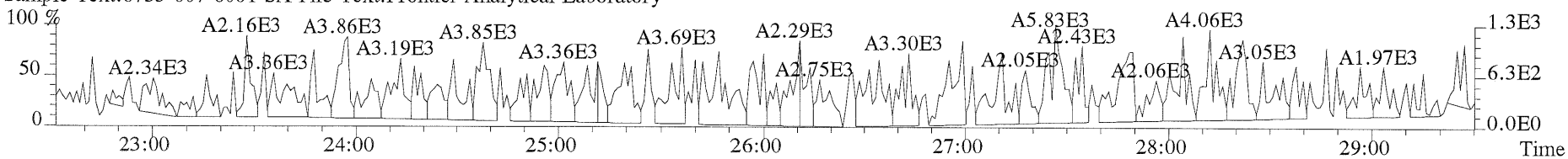
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



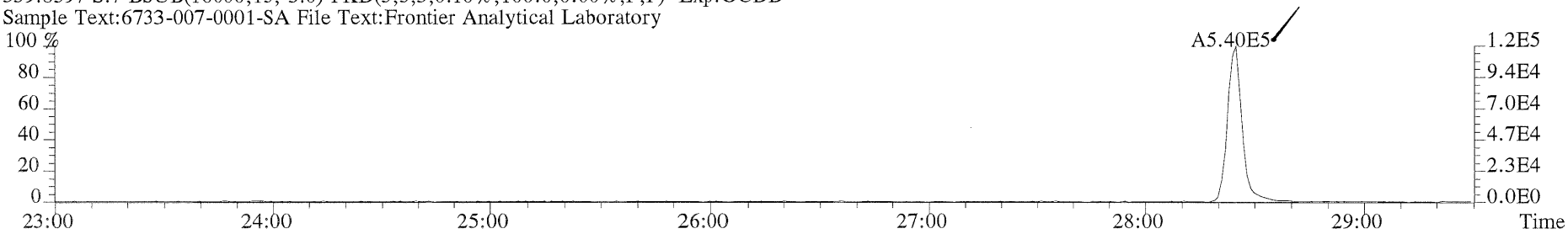
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



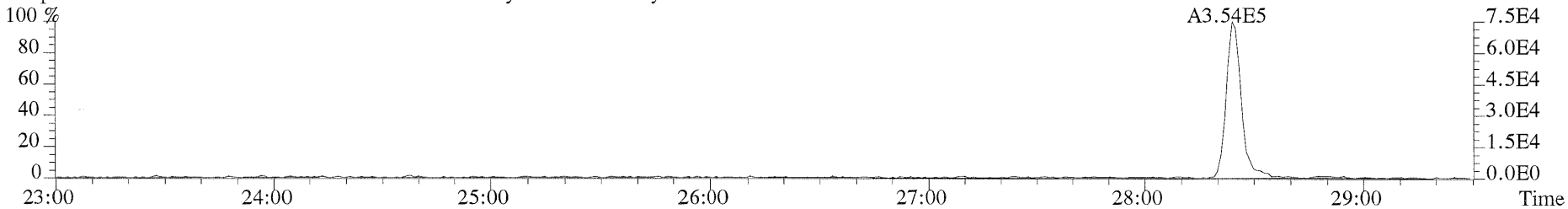
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



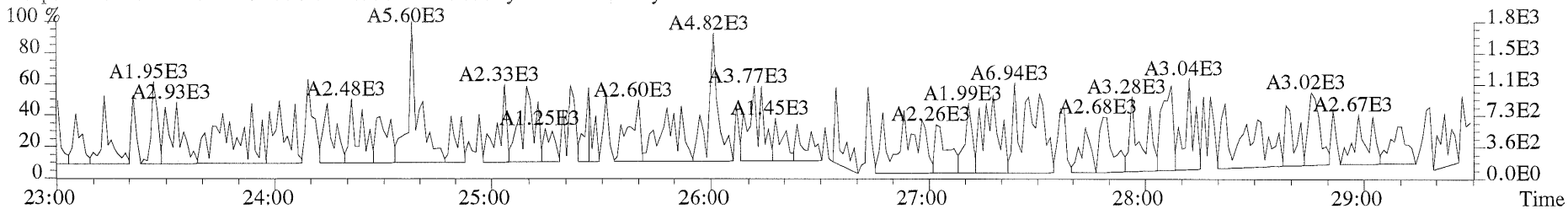
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



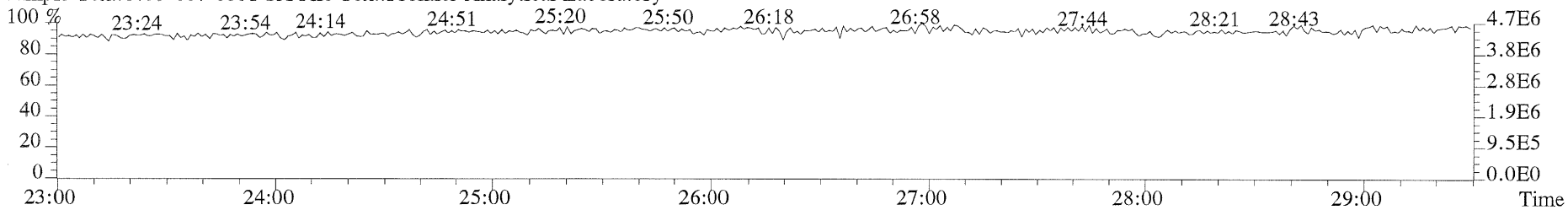
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



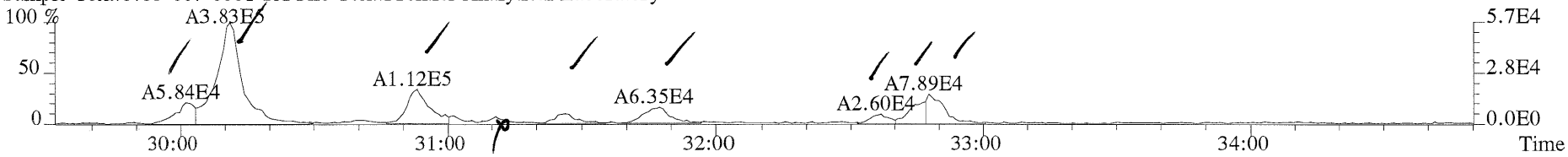
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



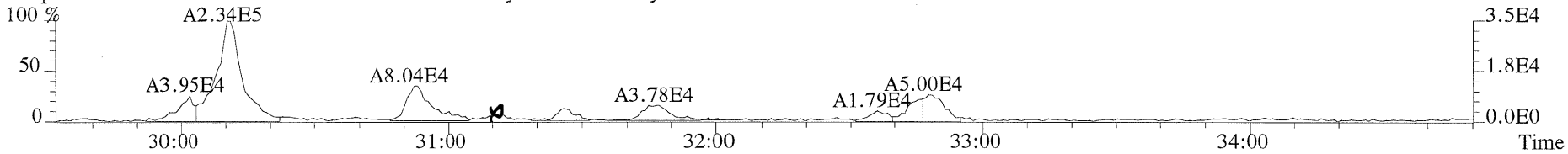
File:04MAY11M #1-425 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
316.9824 S:7 Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



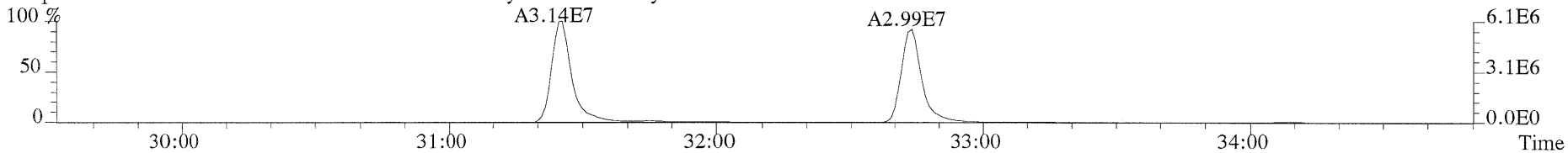
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



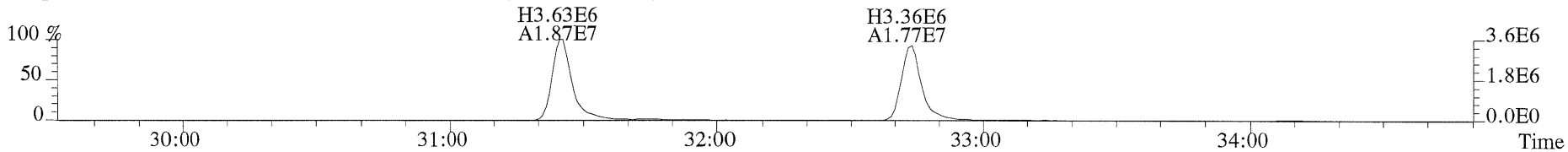
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



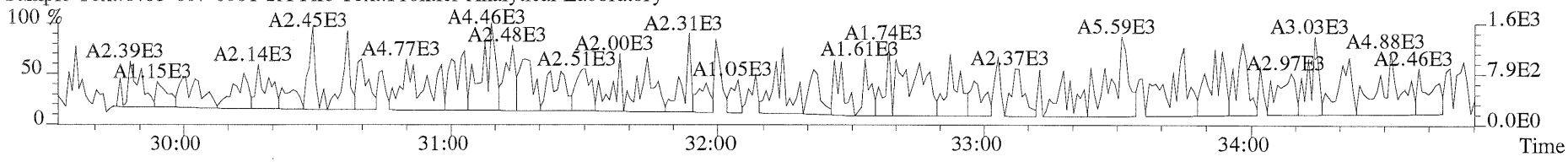
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



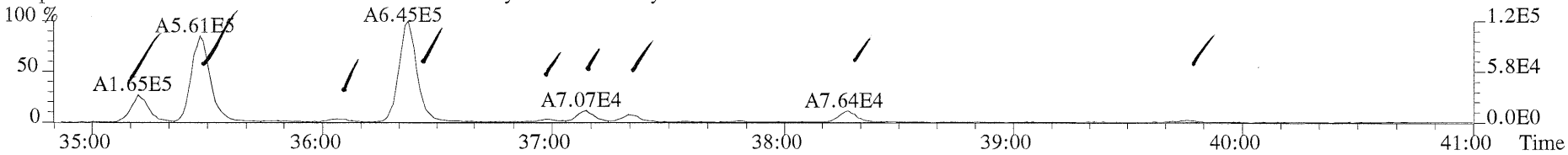
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



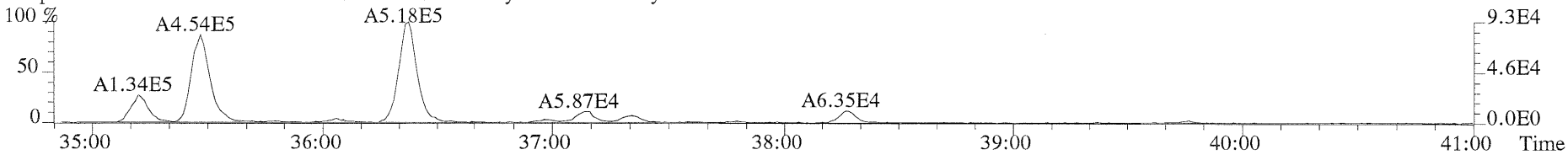
File:04MAY11M #1-412 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



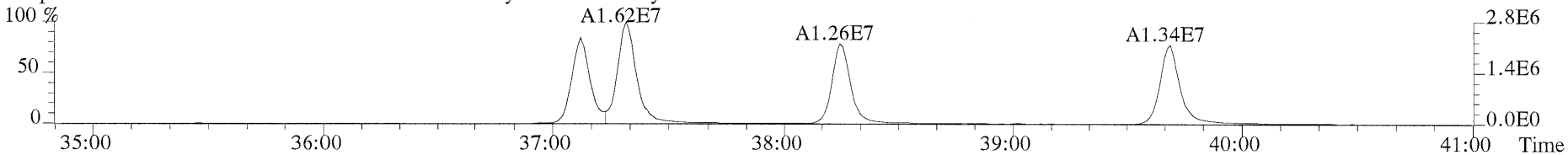
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
373.8207 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



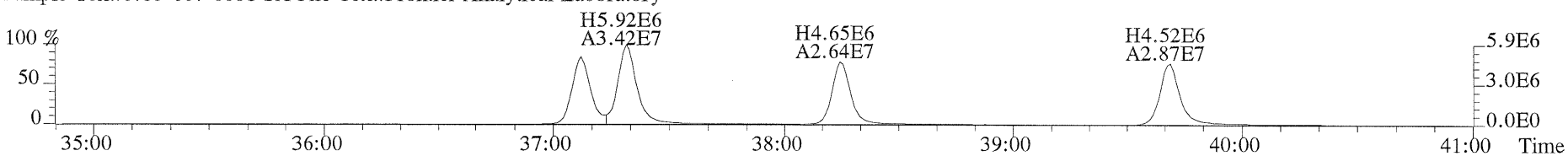
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
375.8178 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



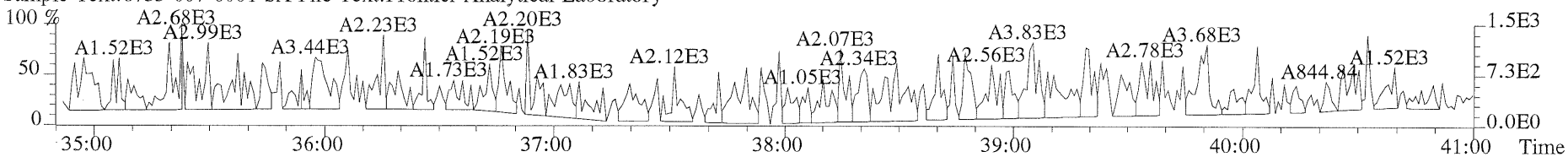
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
383.8639 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



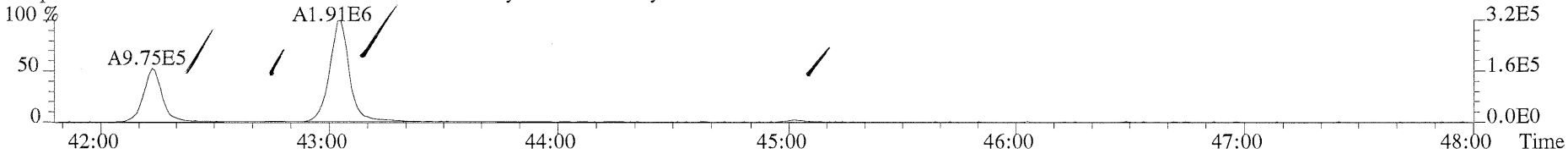
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
385.8610 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



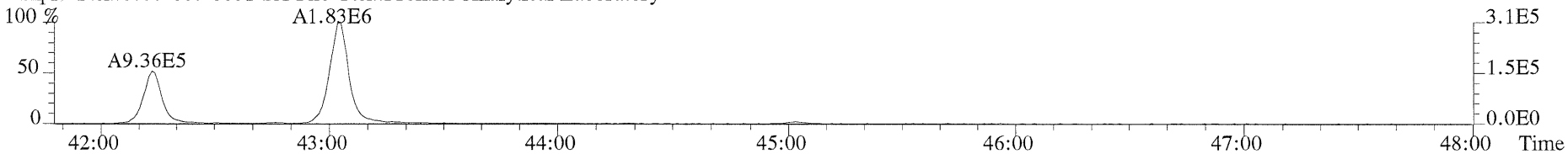
File:04MAY11M #1-477 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
445.7555 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



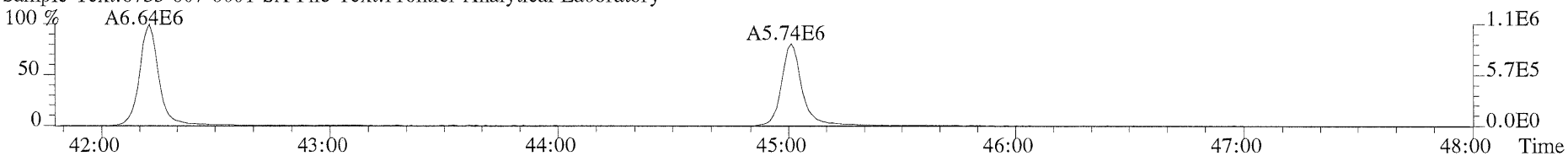
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



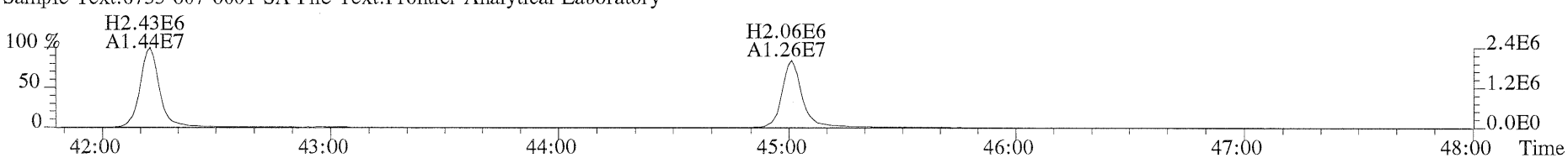
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



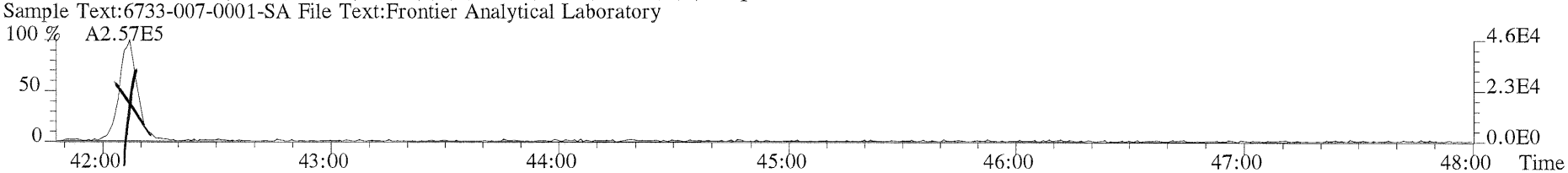
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



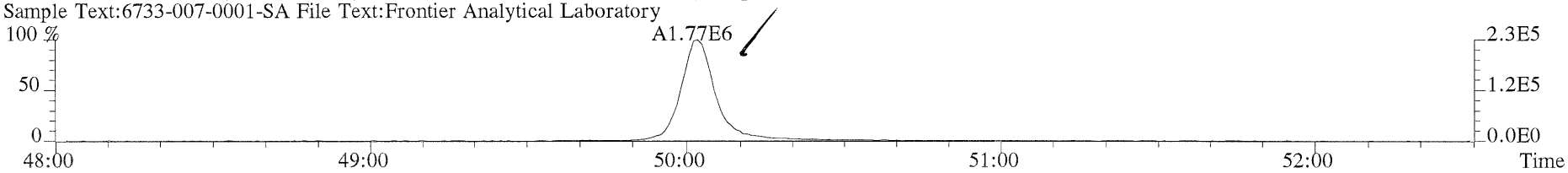
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



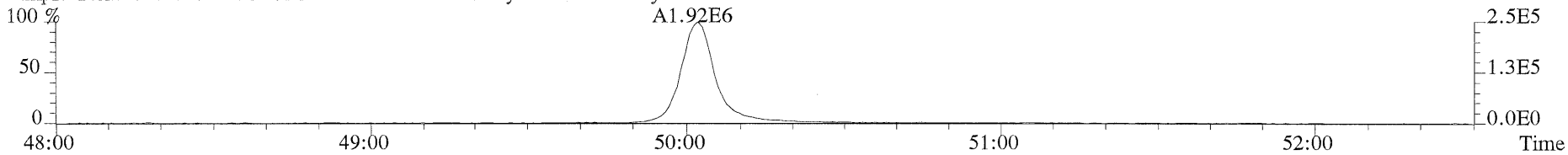
File:04MAY11M #1-541 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



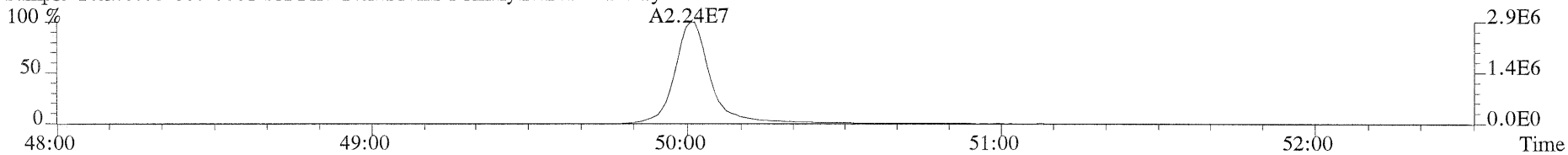
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



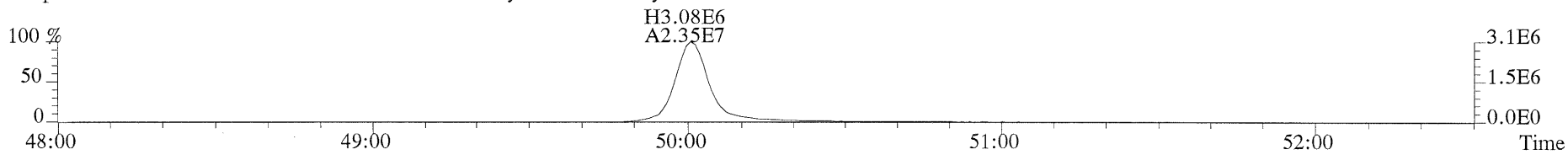
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



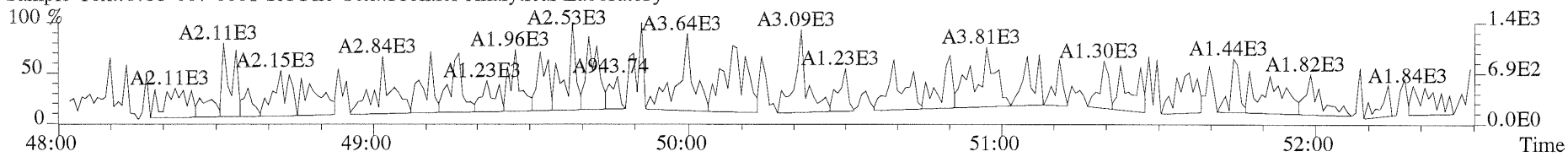
File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-347 Acq: 4-MAY-2011 14:14:26 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-007-0001-SA File Text:Frontier Analytical Laboratory



FAL ID: 6733-008-0001-SA Filename: 04MAY11M Sam:5 Acquired: 4-MAY-11 12:23:36 ICal: PCDDFAL3-3-7-11
Client ID: LL-SB4-1.5-2-041911 ConCal: ST050411M1 EndCal: ST050411M2
Results: 6733 GC Column: DB5 Amount: 4.930 NATO 1989 Tox: 0.0653
WHO 1998 Tox: 0.0399 WHO 2005 Tox: 0.0456

Name	Resp	RA		RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL
2,3,7,8-TCDD	*	*	n	NotFnd	1.13	*		2.50	572	576	0.119
1,2,3,7,8-PeCDD	*	*	n	NotFnd	1.02	*		2.50	704	560	0.198
1,2,3,4,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	704	684	0.214
1,2,3,6,7,8-HxCDD	*	*	n	NotFnd	1.45	*		2.50	704	684	0.280
1,2,3,7,8,9-HxCDD	*	*	n	NotFnd	1.47	*		2.50	704	684	0.241
1,2,3,4,6,7,8-HpCDD	2.01e+05	0.91	y	44:08	1.30	3.08	J	2.50	-	-	*
OCDD	1.00e+06	0.94	y	49:40	1.45	26.4		2.50	-	-	*
2,3,7,8-TCDF	*	*	n	NotFnd	1.15	*		2.50	772	1010	0.108
1,2,3,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	536	680	0.129
2,3,4,7,8-PeCDF	*	*	n	NotFnd	0.89	*		2.50	536	680	0.135
1,2,3,4,7,8-HxCDF	*	*	n	NotFnd	1.01	*		2.50	664	696	0.181
1,2,3,6,7,8-HxCDF	*	*	n	NotFnd	0.89	*		2.50	664	696	0.186
2,3,4,6,7,8-HxCDF	*	*	n	NotFnd	1.02	*		2.50	664	696	0.204
1,2,3,7,8,9-HxCDF	*	*	n	NotFnd	1.10	*		2.50	664	696	0.187
1,2,3,4,6,7,8-HpCDF	5.02e+04	1.16	y	42:14	1.48	0.635	J	2.50	-	-	*
1,2,3,4,7,8,9-HpCDF	*	*	n	NotFnd	1.43	*		2.50	488	488	0.218
OCDF	7.72e+04	0.90	y	50:02	0.84	1.71	J	2.50	-	-	*
											Rec
13C-2,3,7,8-TCDD	3.68e+07	0.76	y	27:20	1.03	385					94.8
13C-1,2,3,7,8-PeCDD	3.55e+07	1.76	y	33:09	1.01	377					93.0
13C-1,2,3,4,7,8-HxCDD	2.63e+07	1.26	y	38:31	1.19	375					92.4
13C-1,2,3,6,7,8-HxCDD	2.21e+07	1.26	y	38:40	0.94	402					99.0
13C-1,2,3,4,6,7,8-HpCDD	2.04e+07	1.05	y	44:07	0.83	418					103
13C-OCDD	2.12e+07	0.97	y	49:39	0.61	593					73.1
13C-2,3,7,8-TCDF	6.34e+07	0.87	y	26:34	0.98	404					99.7
13C-1,2,3,7,8-PeCDF	5.49e+07	1.68	y	31:26	0.83	413					102
13C-2,3,4,7,8-PeCDF	5.26e+07	1.71	y	32:44	0.80	409					101
13C-1,2,3,4,7,8-HxCDF	4.18e+07	0.47	y	37:07	1.84	385					95.0
13C-1,2,3,6,7,8-HxCDF	5.45e+07	0.47	y	37:19	2.29	404					99.5
13C-2,3,4,6,7,8-HxCDF	4.26e+07	0.46	y	38:16	1.86	388					95.7
13C-1,2,3,7,8,9-HxCDF	4.63e+07	0.47	y	39:41	1.98	396					97.7
13C-1,2,3,4,6,7,8-HpCDF	2.17e+07	0.47	y	42:13	0.99	373					91.9
13C-1,2,3,4,7,8,9-HpCDF	2.14e+07	0.46	y	45:01	0.77	474					117
13C-OCDF	4.35e+07	0.94	y	50:01	1.17	633					78.0
37Cl-2,3,7,8-TCDD	9.70e+06			27:22	0.73	143					88.1
13C-1,2,3,4-TCDD	3.77e+07	0.77	y	26:46	-	20.1					
13C-1,2,3,4-TCDF	6.50e+07	0.88	y	25:30	-	18.3					
13C-1,2,3,7,8,9-HxCDD	2.39e+07	1.27	y	39:07	-	19.5					

								Fac	Noise-1	Noise-2	DL		#Hom
Total Tetra-Dioxins	*			NotFnd	1.13	*		2.50	572	576	0.119		0
Total Penta-Dioxins	*			NotFnd	1.02	*		2.50	704	560	0.198		0
Total Hexa-Dioxins	4.08e+04			36:05	1.46	0.469	J	2.50	-	-	*		1
Total Hepta-Dioxins	4.23e+05			42:45	1.30	6.48		2.50	-	-	*		2
Total Tetra-Furans	5.15e+04			23:45	1.15	0.287	J	2.50	-	-	*		1
1st Fn. Tot Penta-Furans	4.22e+04			28:26	0.89	0.358	J	2.50	-	-	*	PeCDF	1
Total Penta-Furans	*			NotFnd	0.89	*	J	2.50	-	-	*	0.358	0
Total Hexa-Furans	7.31e+04			35:28	1.00	0.641	J	2.50	-	-	*		2
Total Hepta-Furans	1.34e+05			42:14	1.46	1.71	J	2.50	-	-	*		2

Analyst: _____ Date: 5/5/11

Totals class: Total Hexa-Dioxins Entry #: 40

Run: 13 File: 04MAY11M S: 5 I: 1 F: 3
Acquired: 4-MAY-11 12:23:36

Total Concentration: 0.469 Unnamed Concentration: 0.469

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
36:05	2.14e+04	1.94e+04	1.10	y	4.08e+04	0.469	

Totals class: Total Hepta-Dioxins Entry #: 41

Run: 13 File: 04MAY11M S: 5 I: 1 F: 4
Acquired: 4-MAY-11 12:23:36

Total Concentration: 6.48 Unnamed Concentration: 3.400

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:45	1.05e+05	1.17e+05	0.90	y	2.22e+05	3.40	
44:08	9.59e+04	1.05e+05	0.91	y	2.01e+05	3.08	1,2,3,4,6,7,8-HpCDD

Totals class: Total Tetra-Furans Entry #: 42

Run: 13 File: 04MAY11M S: 5 I: 1 F: 1
Acquired: 4-MAY-11 12:23:36

Total Concentration: 0.287 Unnamed Concentration: 0.287

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
23:45	2.14e+04	3.00e+04	0.71	y	5.15e+04	0.287	

Totals class: 1st Fn. Tot Penta-Furans Entry #: 43

Run: 13 File: 04MAY11M S: 5 I: 1 F: 1
Acquired: 4-MAY-11 12:23:36

Total Concentration: 0.358 Unnamed Concentration: 0.358

RT	ml Resp	m2 Resp	RA	Resp	Concentration	Name
28:26	2.61e+04	1.61e+04	1.62 y	4.22e+04	0.358	

Totals class: Total Hexa-Furans Entry #: 45

Run: 13 File: 04MAY11M S: 5 I: 1 F: 3
Acquired: 4-MAY-11 12:23:36

Total Concentration: 0.641 Unnamed Concentration: 0.641

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
35:28	1.99e+04	1.47e+04	1.35	y	3.47e+04	0.304	
36:22	1.99e+04	1.85e+04	1.08	y	3.84e+04	0.337	

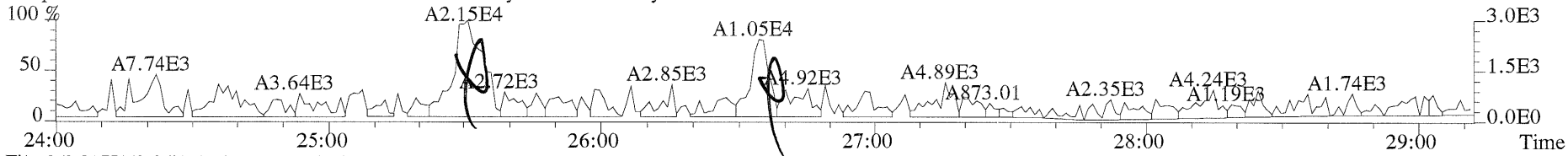
Totals class: Total Hepta-Furans Entry #: 46

Run: 13 File: 04MAY11M S: 5 I: 1 F: 4
Acquired: 4-MAY-11 12:23:36

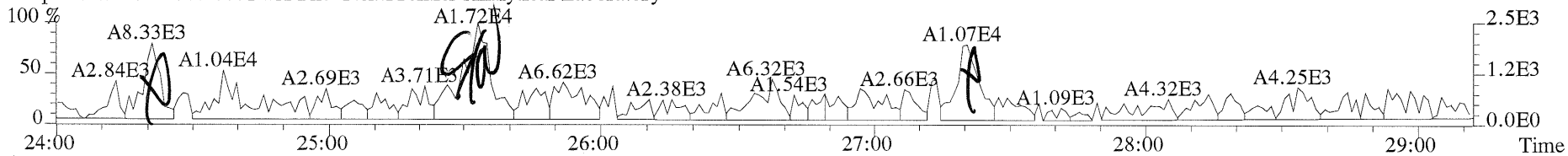
Total Concentration: 1.71 Unnamed Concentration: 1.079

RT	ml Resp	m2 Resp	RA		Resp	Concentration	Name
42:14	2.69e+04	2.33e+04	1.16	y	5.02e+04	0.635	1,2,3,4,6,7,8-HpCDF
43:03	4.07e+04	4.27e+04	0.95	y	8.35e+04	1.08	

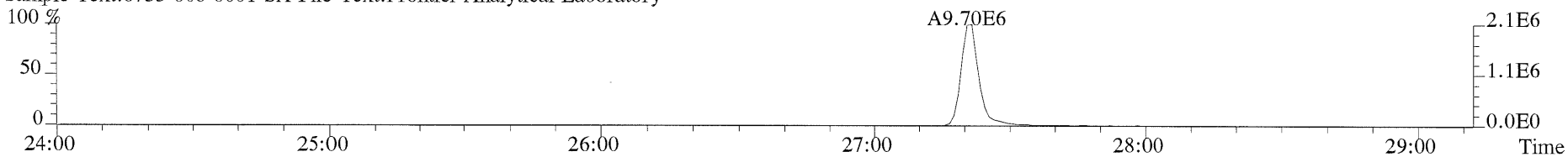
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



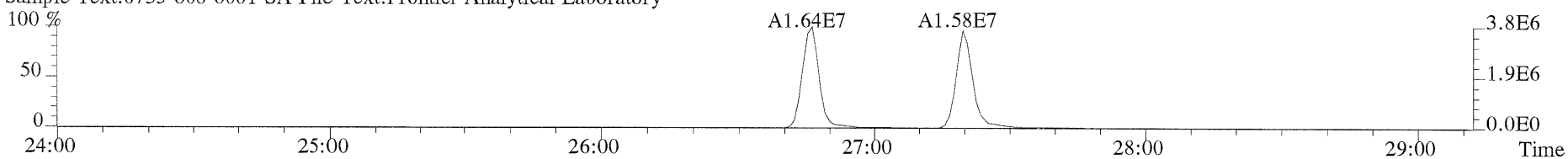
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



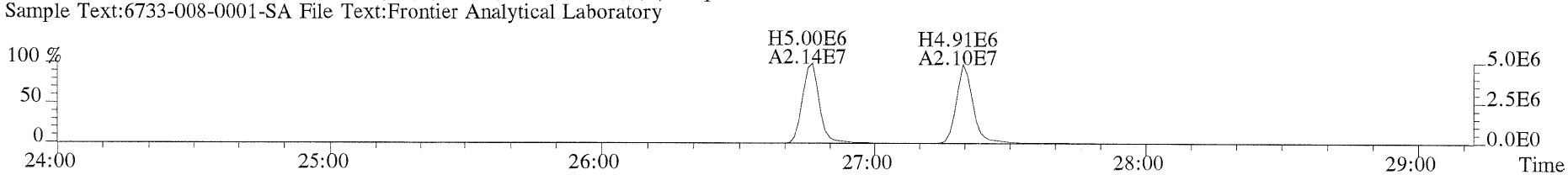
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



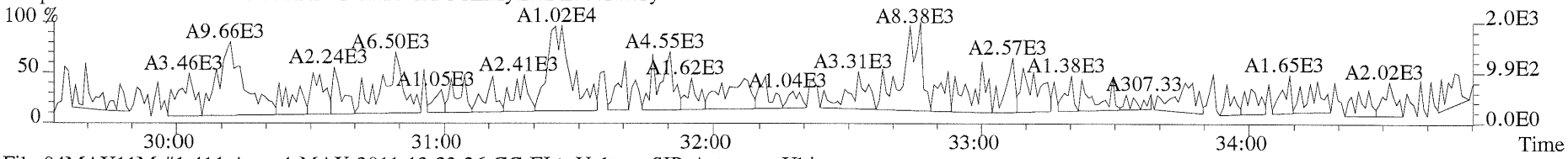
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



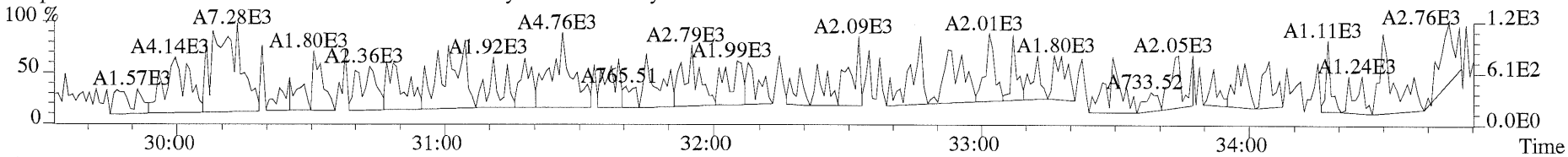
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



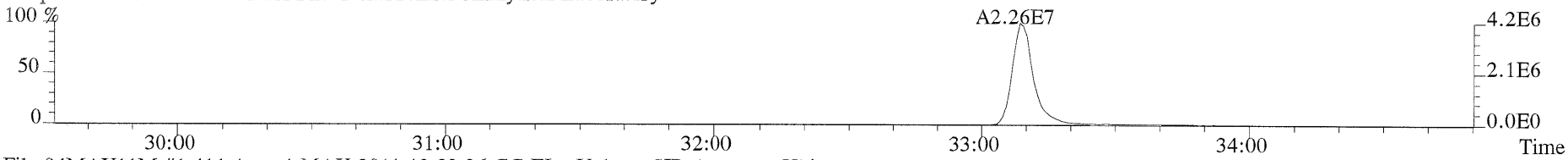
File:04MAY11M #1-411 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



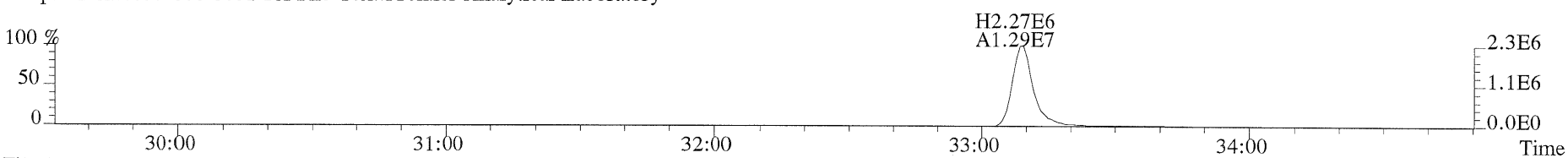
File:04MAY11M #1-411 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



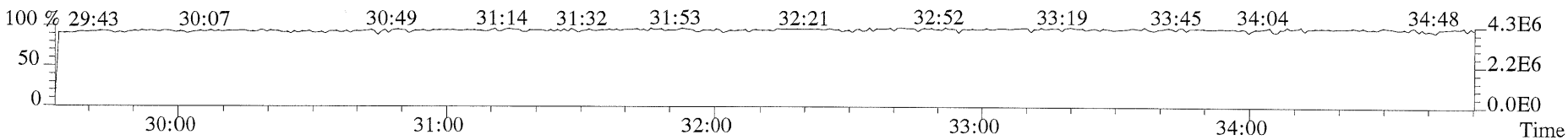
File:04MAY11M #1-411 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



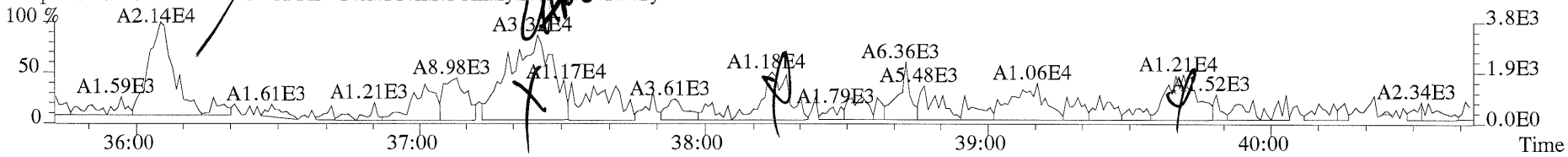
File:04MAY11M #1-411 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



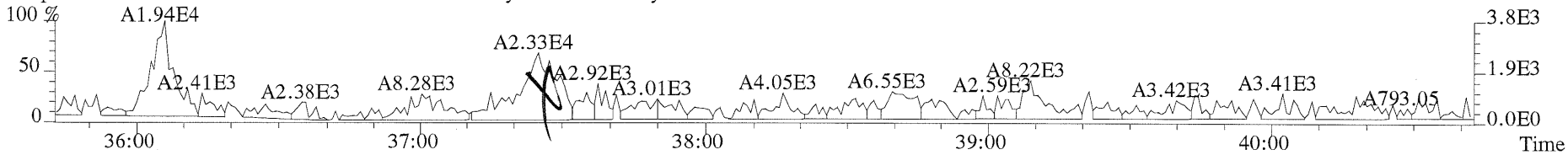
File:04MAY11M #1-411 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:5 F:2 Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



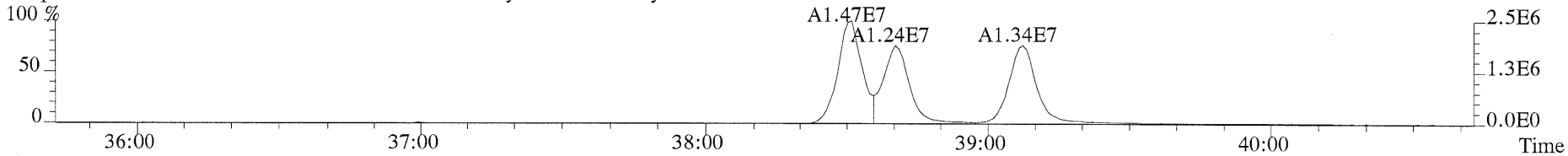
File:04MAY11M #1-477 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
389.8156 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



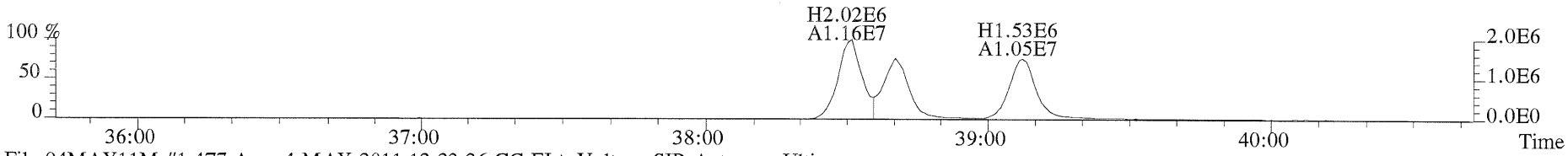
File:04MAY11M #1-477 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
391.8127 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



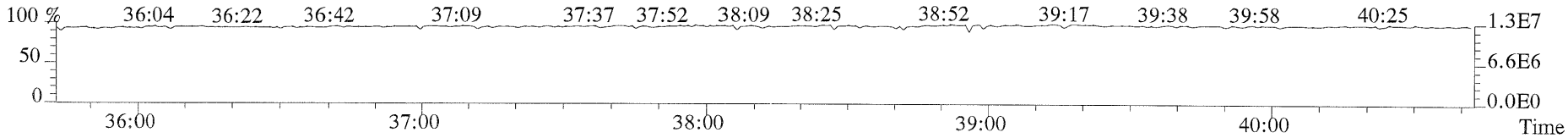
File:04MAY11M #1-477 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
401.8559 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



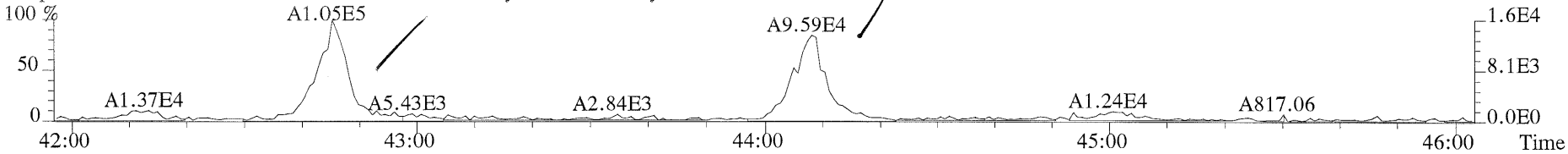
File:04MAY11M #1-477 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
403.8530 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



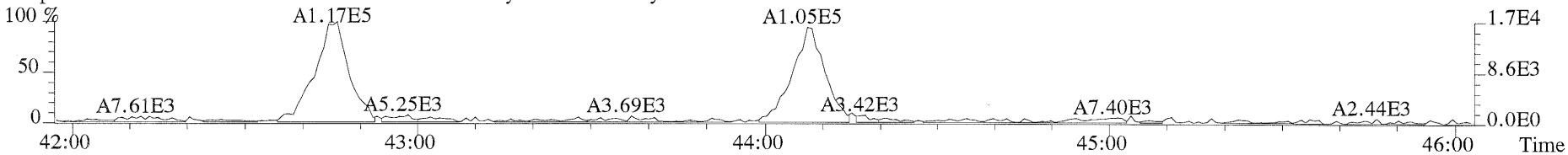
File:04MAY11M #1-477 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
380.9760 S:5 F:3 Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



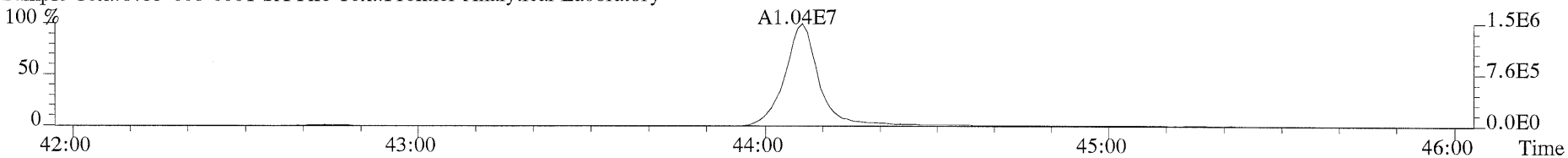
File:04MAY11M #1-541 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



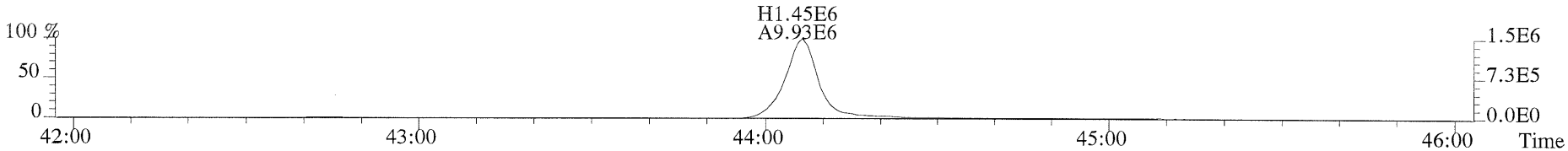
File:04MAY11M #1-541 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



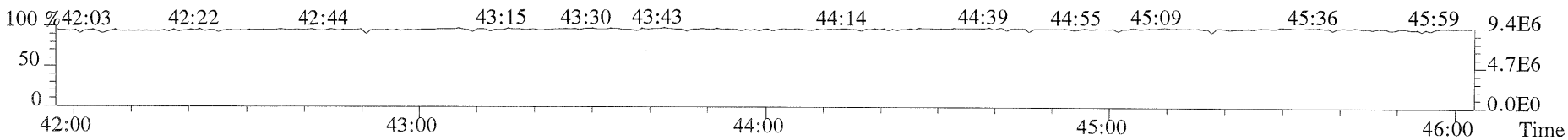
File:04MAY11M #1-541 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



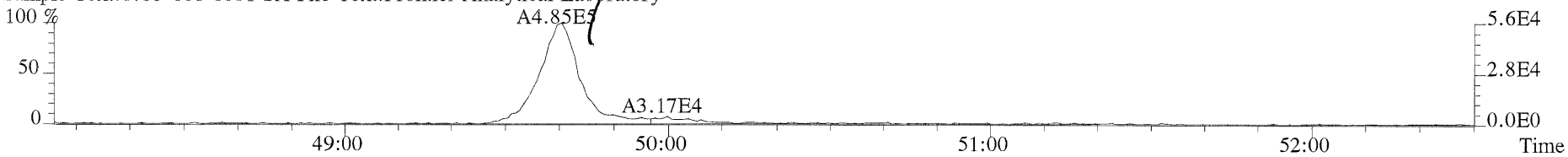
File:04MAY11M #1-541 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



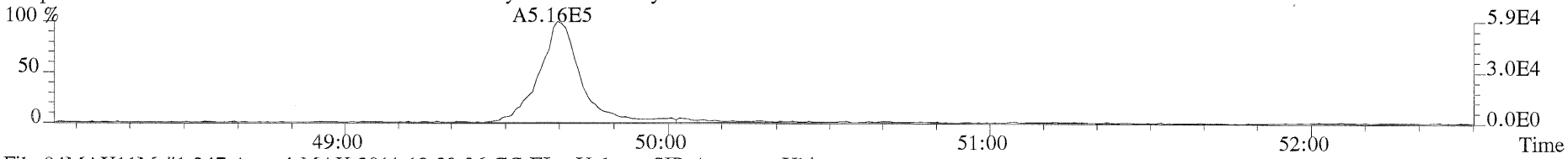
File:04MAY11M #1-541 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:5 F:4 Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



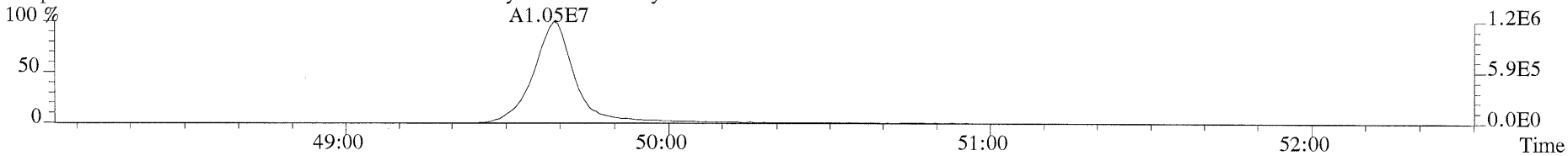
File:04MAY11M #1-347 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



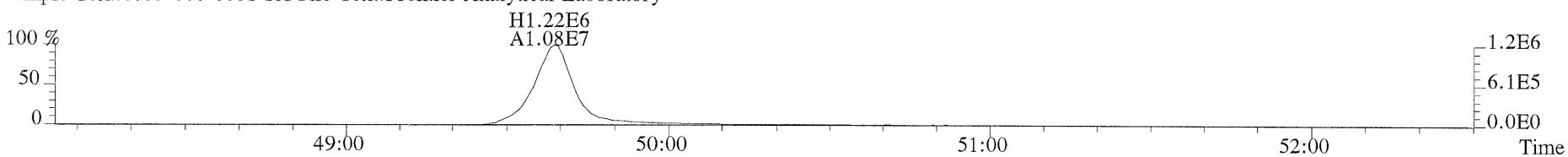
File:04MAY11M #1-347 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



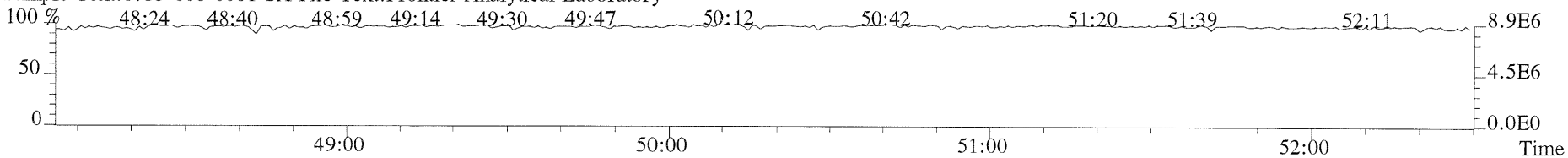
File:04MAY11M #1-347 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



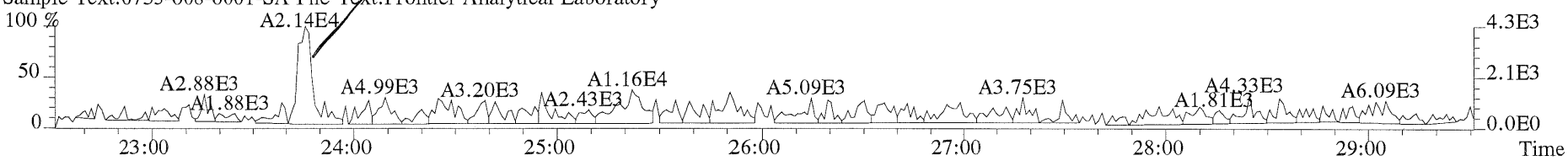
File:04MAY11M #1-347 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



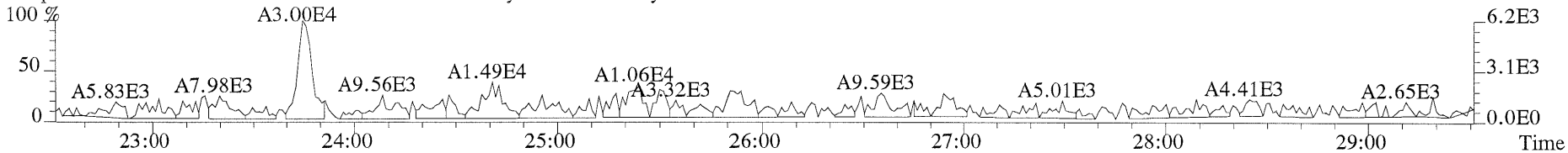
File:04MAY11M #1-347 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:5 F:5 Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



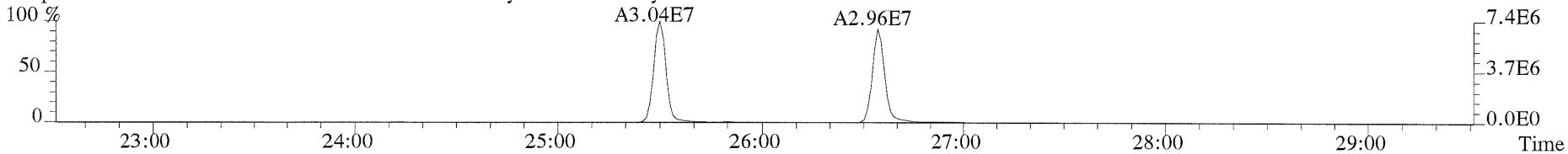
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



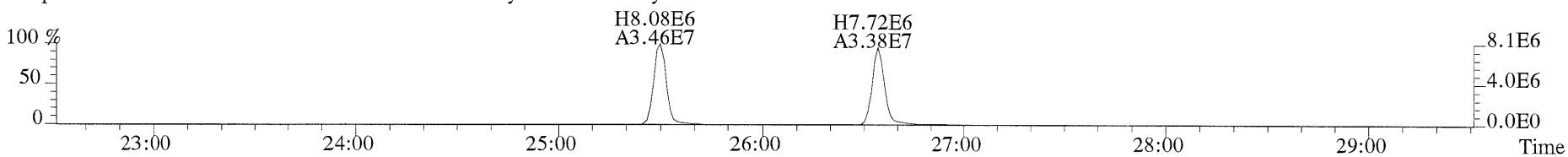
File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
305.8987 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory



File:04MAY11M #1-426 Acq: 4-MAY-2011 12:23:36 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:6733-008-0001-SA File Text:Frontier Analytical Laboratory