

USEPA - ITD

FORM 4A

PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3 GC Column ID: DB5

VER Data Filename: 07MAR11M Sam:1 Analysis Date: 7-MAR-11 11:58:32

NATIVE ANALYTES	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
2,3,7,8-TCDD	M/M+2	0.83	0.65-0.89	y	10.1	7.80 - 12.9
1,2,3,7,8-PeCDD	M+2/M+4	1.44	1.32-1.78	y	49.3	39.0 - 65.0
1,2,3,4,7,8-HxCDD	M+2/M+4	1.27	1.05-1.43	y	47.6	39.0 - 64.0
1,2,3,6,7,8-HxCDD	M+2/M+4	1.26	1.05-1.43	y	49.3	39.0 - 64.0
1,2,3,7,8,9-HxCDD	M+2/M+4	1.24	1.05-1.43	y	49.1	41.0 - 61.0
1,2,3,4,6,7,8-HpCDD	M+2/M+4	0.90	0.88-1.20	y	47.4	43.0 - 58.0
OCDD	M+2/M+4	0.94	0.76-1.02	y	95.4	79.0 - 126
2,3,7,8-TCDF	M/M+2	0.67	0.65-0.89	y	9.38	8.40 - 12.0
1,2,3,7,8-PeCDF	M+2/M+4	1.66	1.32-1.78	y	51.0	41.0 - 60.0
2,3,4,7,8-PeCDF	M+2/M+4	1.65	1.32-1.78	y	49.0	41.0 - 60.0
1,2,3,4,7,8-HxCDF	M+2/M+4	1.20	1.05-1.43	y	49.5	45.0 - 56.0
1,2,3,6,7,8-HxCDF	M+2/M+4	1.22	1.05-1.43	y	49.7	44.0 - 57.0
2,3,4,6,7,8-HxCDF	M+2/M+4	1.20	1.05-1.43	y	49.0	44.0 - 57.0
1,2,3,7,8,9-HxCDF	M+2/M+4	1.21	1.05-1.43	y	49.8	45.0 - 56.0
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.04	0.88-1.20	y	49.6	45.0 - 55.0
1,2,3,4,7,8,9-HpCDF	M+2/M+4	1.05	0.88-1.20	y	49.7	43.0 - 58.0
OCDF	M+2/M+4	0.91	0.76-1.02	y	97.1	63.0 - 159

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

Analyst: *J* Date: 3/8/11

USEPA - ITD

FORM 4B

PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

VER Data Filename: 07MAR11M Sam:1

Analysis Date: 7-MAR-11 11:58:32

LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
13C-2,3,7,8-TCDD	M/M+2	0.67	0.65-0.89	y	97.6	82.0 - 121
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.70	1.32-1.78	y	101	62.0 - 160
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.27	1.05-1.43	y	101	85.0 - 117
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.27	1.05-1.43	y	98.3	85.0 - 118
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.06	0.88-1.20	y	103	72.0 - 138
13C-OCDD	M+2/M+4	1.00	0.76-1.02	y	203	96.0 - 415
13C-2,3,7,8-TCDF	M/M+2	0.86	0.65-0.89	y	98.0	71.0 - 140
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.64	1.32-1.78	y	96.5	76.0 - 130
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.65	1.32-1.78	y	97.7	77.0 - 130
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.44	0.43-0.59	y	97.8	76.0 - 131
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.44	0.43-0.59	y	99.5	70.0 - 143
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.44	0.43-0.59	y	99.9	73.0 - 137
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.44	0.43-0.59	y	98.7	74.0 - 135
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.48	0.37-0.51	y	100	78.0 - 129
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.47	0.37-0.51	y	100	77.0 - 129
13C-OCDF	M+2/M+4	0.91	0.76-1.02	y	194	96.0 - 415
CLEANUP STANDARD (4)						
37Cl-2,3,7,8-TCDD					9.35	7.80 - 12.8

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

(4) No ion abundance ratio; report concentration found.

Analyst: JDate: 3/8/11

USEPA - ITD

FORM 6A

PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

Analysis Date: 7-MAR-11 11:58:32 CS3 or VER Data Filename: 07MAR11M Sam:1

NATIVE ANALYTES	RETENTION TIME		RRT	RRT
	REFERENCE			QC LIMITS (1)
2,3,7,8-TCDD	13C-2,3,7,8-TCDD		1.001	0.999-1.002
2,3,7,8-TCDF	13C-2,3,7,8-TCDF		1.001	0.999-1.003
1,2,3,7,8-PeCDD	13C-1,2,3,7,8-PeCDD		1.001	0.999-1.002
1,2,3,7,8-PeCDF	13C-1,2,3,7,8-PeCDF		1.001	0.999-1.002
2,3,4,7,8-PeCDF	13C-2,3,4,7,8-PeCDF		1.001	0.999-1.002
LABELED COMPOUNDS				
37Cl-2,3,7,8-TCDD	13C-1,2,3,4-TCDD		1.023	0.989-1.052
13C-2,3,7,8-TCDD			1.022	0.976-1.043
13C-2,3,7,8-TCDF			0.994	0.923-1.103
13C-1,2,3,7,8-PeCDD			1.239	1.000-1.567
13C-1,2,3,7,8-PeCDF			1.174	0.923-1.203
13C-2,3,4,7,8-PeCDF			1.224	0.923-1.303

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst: 

Date: 3/8/11

PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

Analysis Date: 7-MAR-11 11:58:32 CS3 or VER Data Filename: 07MAR11M Sam:1

NATIVE ANALYTES	RETENTION TIME		RRT	RRT
	REFERENCE			QC LIMITS (1)
1,2,3,4,7,8-HxCDD	13C-1,2,3,4,7,8-HxCDD		1.001	0.999-1.001
1,2,3,6,7,8-HxCDD	13C-1,2,3,6,7,8-HxCDD		1.001	0.998-1.004
1,2,3,7,8,9-HxCDD	13C-1,2,3,6,7,8-HxCDD		1.012	1.000-1.019
1,2,3,4,7,8-HxCDF	13C-1,2,3,4,7,8-HxCDF		1.000	0.999-1.001
1,2,3,6,7,8-HxCDF	13C-1,2,3,6,7,8-HxCDF		1.000	0.997-1.005
2,3,4,6,7,8-HxCDF	13C-2,3,4,6,7,8-HxCDF		1.000	0.999-1.001
1,2,3,7,8,9-HxCDF	13C-1,2,3,7,8,9-HxCDF		1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDD	13C-1,2,3,4,6,7,8-HpCDD		1.000	0.999-1.001
1,2,3,4,6,7,8-HpCDF	13C-1,2,3,4,6,7,8-HpCDF		1.000	0.999-1.001
1,2,3,4,7,8,9-HpCDF	13C-1,2,3,4,7,8,9-HpCDF		1.001	0.999-1.001
OCDD	13C-OCDD		1.001	0.999-1.001
OCDF	13C-OCDF		1.000	0.999-1.001
LABELED COMPOUNDS				
13C-1,2,3,4,7,8-HxCDD	13C-1,2,3,7,8,9-HxCDD		0.984	0.977-1.000
13C-1,2,3,6,7,8-HxCDD			0.988	0.981-1.003
13C-1,2,3,4,7,8-HxCDF			0.949	0.944-0.970
13C-1,2,3,6,7,8-HxCDF			0.954	0.949-0.975
13C-2,3,4,6,7,8-HxCDF			0.978	0.959-1.021
13C-1,2,3,7,8,9-HxCDF			1.014	0.977-1.047
13C-1,2,3,4,6,7,8-HpCDD			1.127	1.086-1.130
13C-1,2,3,4,6,7,8-HpCDF			1.079	1.043-1.085
13C-1,2,3,4,7,8,9-HpCDF			1.151	1.057-1.154
13C-OCDD			1.269	1.032-1.311
13C-OCDF			1.279	1.000-1.311

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst: 8Date: 3/8/11

Table with columns: Name, Resp, RA, RT, RRF, Conc, Qual, Fac Noise-1, Noise-2, DL, #Hom. Rows include various chemical compounds like TCDD, PeCDD, HxCDD, HxCDF, HpCDD, HpCDF, TCDF, and Furans, along with their respective concentrations and noise levels.

Analyst: [Signature]

Date: 3/8/11

Frontier Analytical Laboratory - Acquisition Log

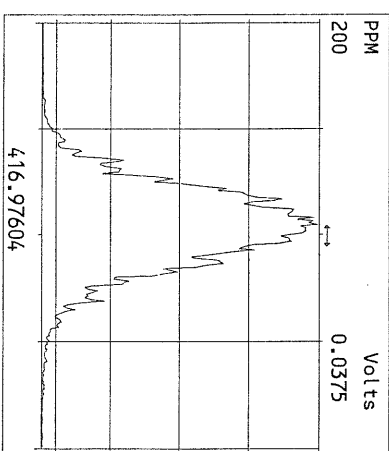
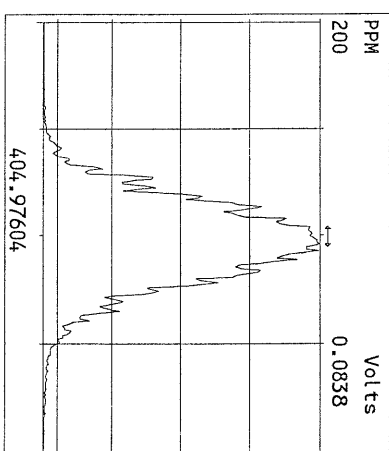
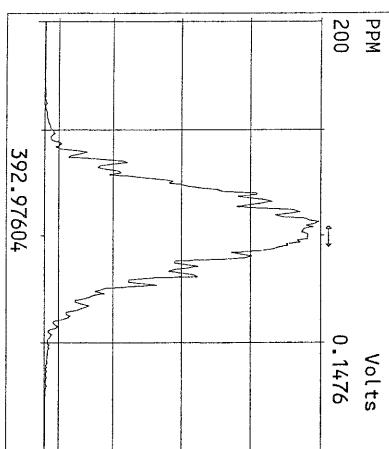
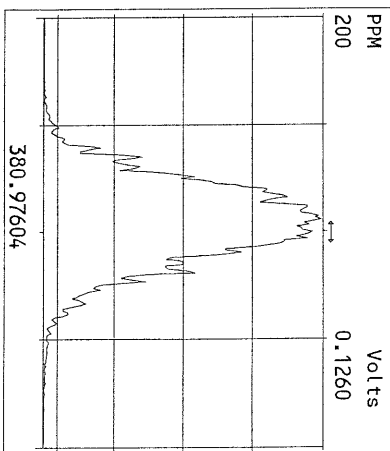
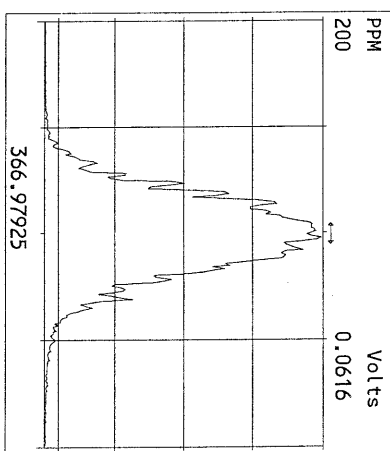
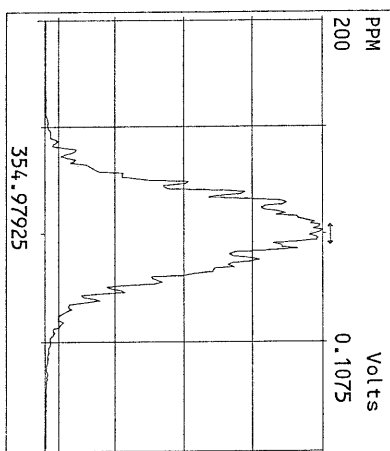
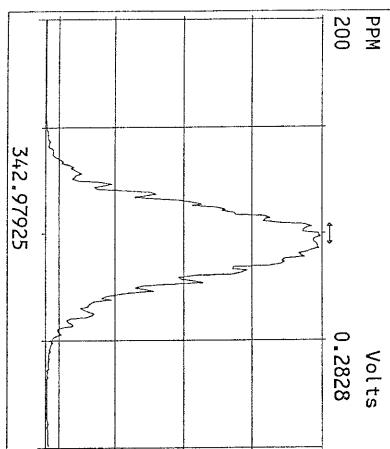
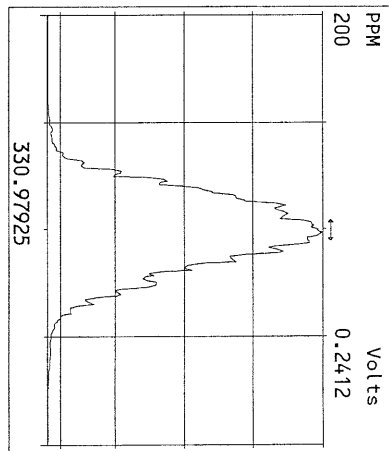
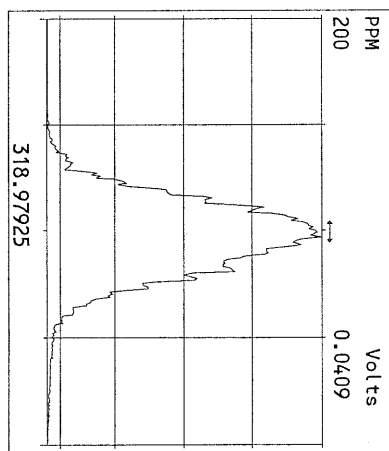
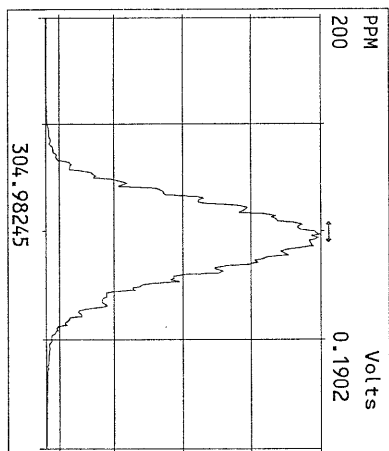
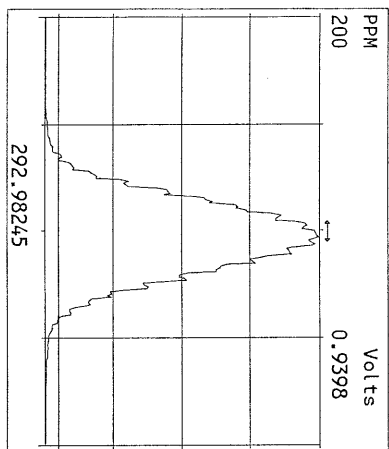
Run Name:07MAR11M Instrument: FAL3 GC: DB5 Experiment:OCDD

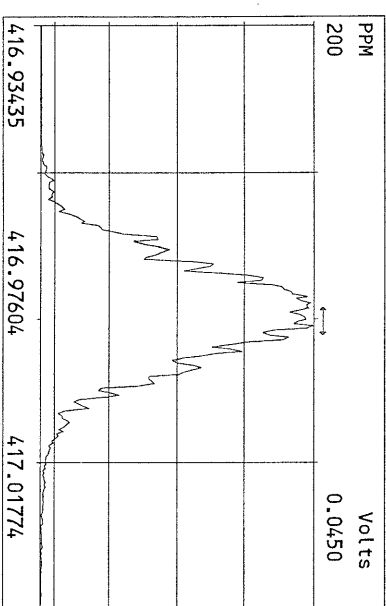
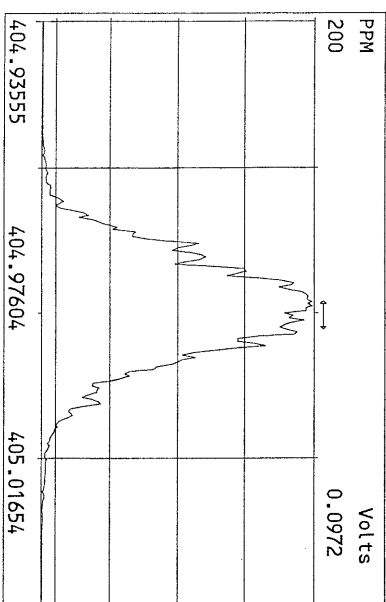
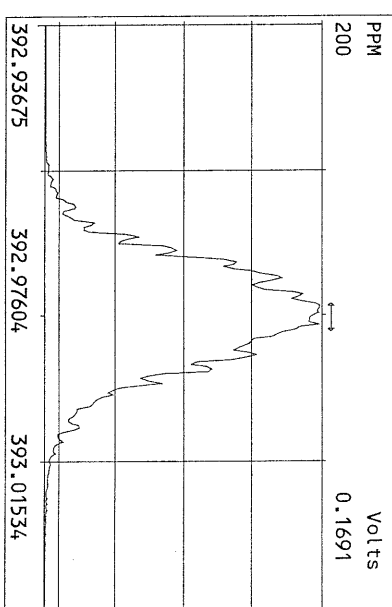
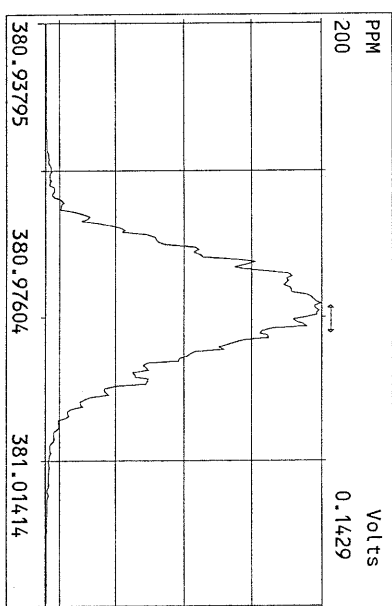
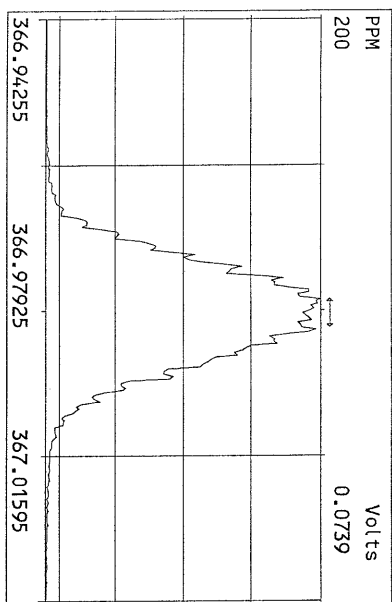
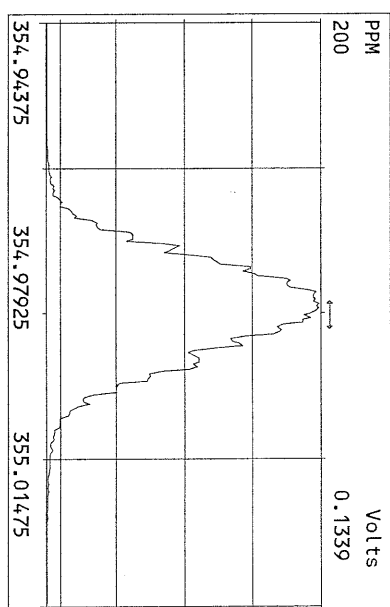
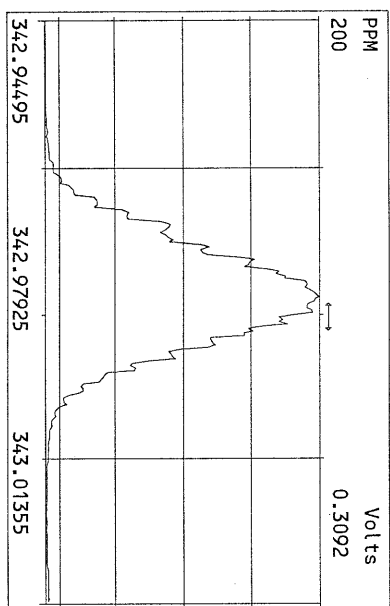
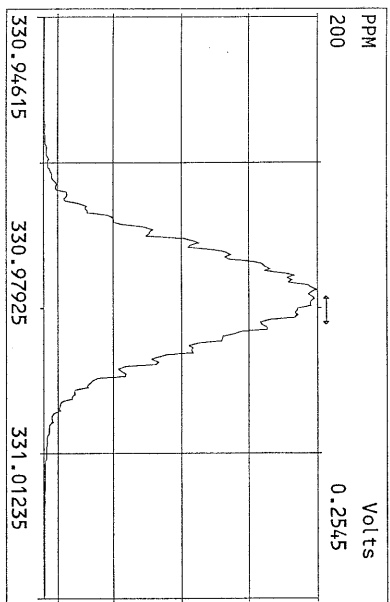
Data File S	FAL ID	Client ID	Acquired	ConCal	EndCal	Analyst
07MAR11M 1	ST030711M3	1613 CS3 100511J	7-MAR-11 11:58:32	NA	NA	BS
07MAR11M 2	QC030711M1	C14QC	7-MAR-11 12:53:51	NA	NA	BS
07MAR11M 3	ST030711M5	1613 CS5 100511L	7-MAR-11 13:49:10	NA	NA	BS
07MAR11M 4	ST030711M4	1613 CS4 100511K	7-MAR-11 14:44:29	NA	NA	BS
07MAR11M 5	ST030711M2	1613 CS2 100511I	7-MAR-11 15:39:48	NA	NA	BS
07MAR11M 6	ST030711M1	1613 CS1 100511H	7-MAR-11 16:35:10	NA	NA	BS
07MAR11M 7	ST030711M0	1613 CS0 100511G	7-MAR-11 17:30:33	NA	NA	BS
07MAR11M 8	ST030711M-1	1613 CS-1 100511M	7-MAR-11 18:25:48	NA	NA	BS
07MAR11M 9	ST030711M6	1613 CS3 100511J	7-MAR-11 19:21:07	ST030711M6	ST030711M7	BS
07MAR11M 10	2227-001-0001-OPR	OPR	7-MAR-11 20:16:26	ST030711M6	ST030711M7	BS
07MAR11M 11	2227-001-0001-MB	Method Blank	7-MAR-11 21:11:46	ST030711M6	ST030711M7	BS
07MAR11M 12	6594-001-0001-SA	PA-24-110210	7-MAR-11 22:07:04	ST030711M6	ST030711M7	BS
07MAR11M 13	6594-002-0001-SA	MW-55-110210	7-MAR-11 23:02:22	ST030711M6	ST030711M7	BS
07MAR11M 14	6594-003-0001-SA	MW-62-110210	7-MAR-11 23:57:37	ST030711M6	ST030711M7	BS
07MAR11M 15	6594-004-0001-SA	MW-54-110210	8-MAR-11 00:52:57	ST030711M6	ST030711M7	BS
07MAR11M 16	6594-005-0001-SA	PA-17-110211	8-MAR-11 01:48:18	ST030711M6	ST030711M7	BS
07MAR11M 17	6594-006-0001-SA	MW-53-110211	8-MAR-11 02:43:37	ST030711M6	ST030711M7	BS
07MAR11M 18	6594-007-0001-SA	MW-58-110211	8-MAR-11 03:39:00	ST030711M6	ST030711M7	BS
07MAR11M 19	6594-008-0001-SA	MW-51-110211	8-MAR-11 04:34:19	ST030711M6	ST030711M7	BS
07MAR11M 20	6594-009-0001-SA	MW-61-110211	8-MAR-11 05:29:37	ST030711M6	ST030711M7	BS
07MAR11M 21	SB030711M1	Solvent Blank	8-MAR-11 06:25:00	ST030711M6	ST030711M7	BS
07MAR11M 22	ST030711M7	1613 CS3 100511J	8-MAR-11 07:20:23	ST030711M6	ST030711M7	BS

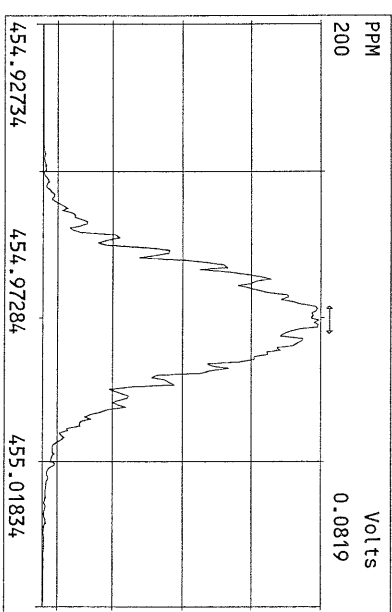
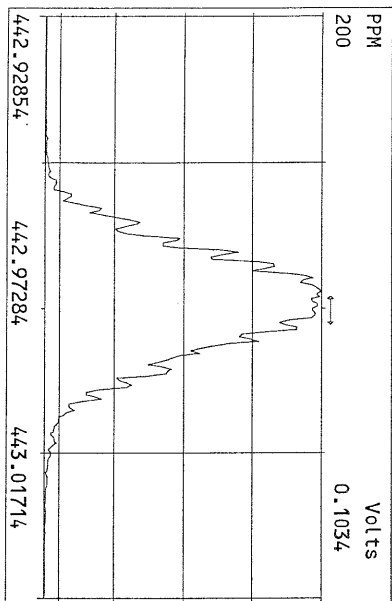
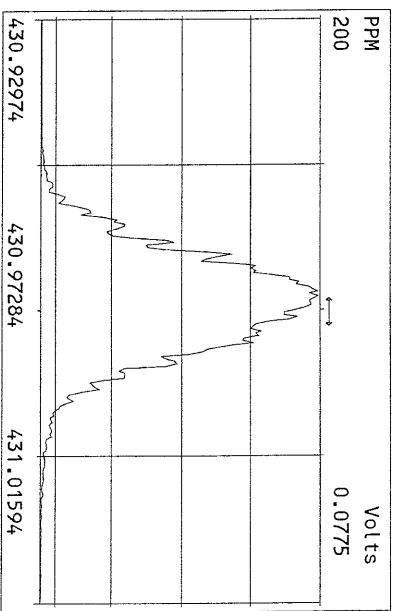
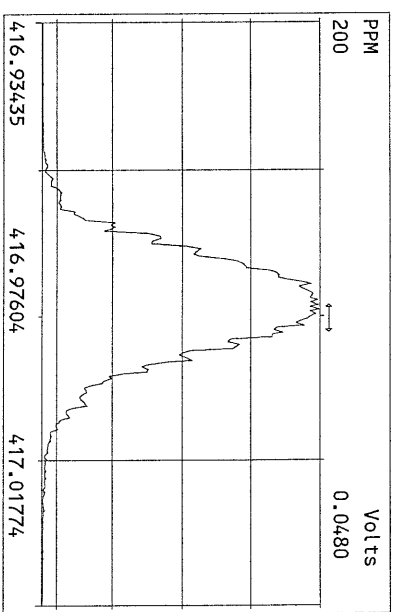
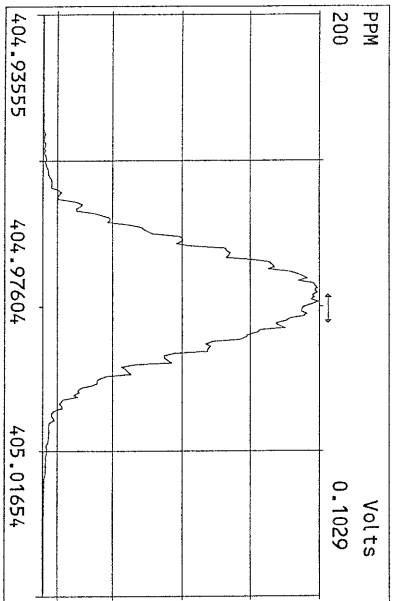
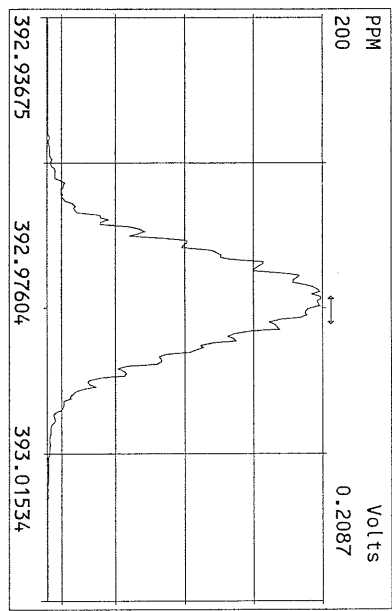
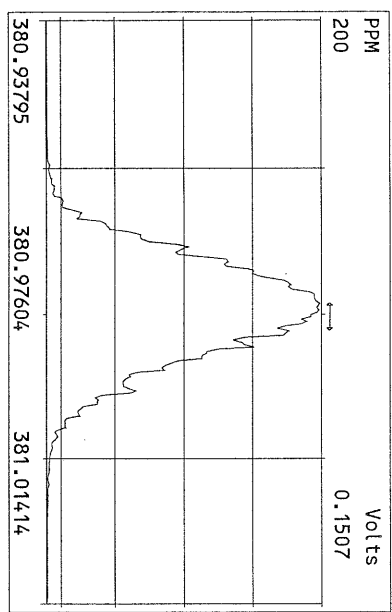
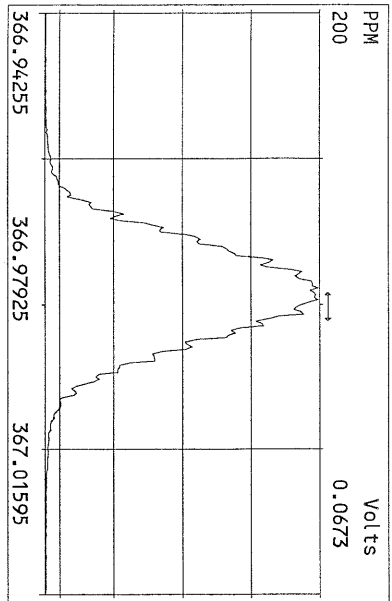
6/3/8/11

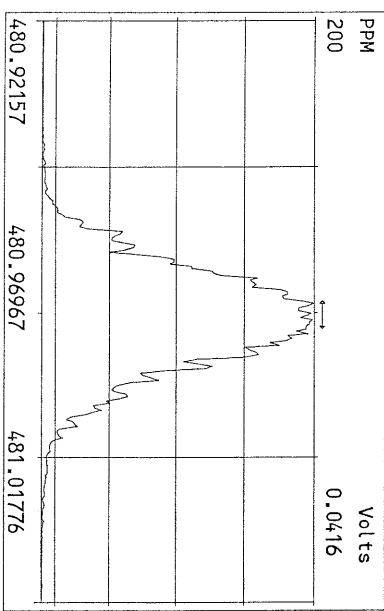
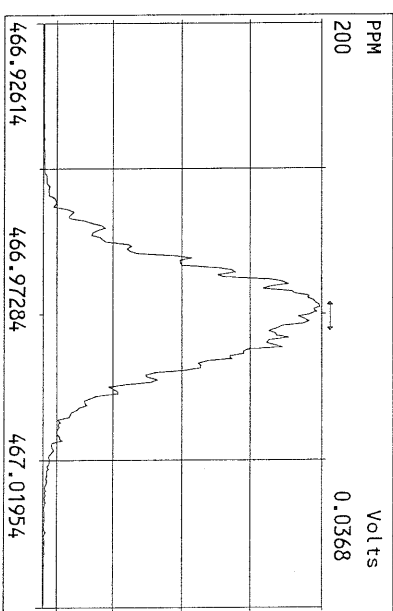
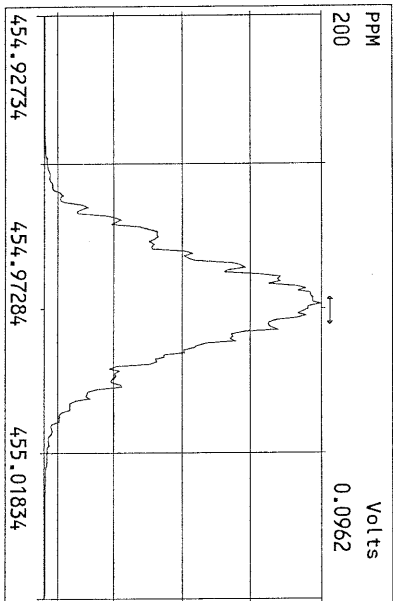
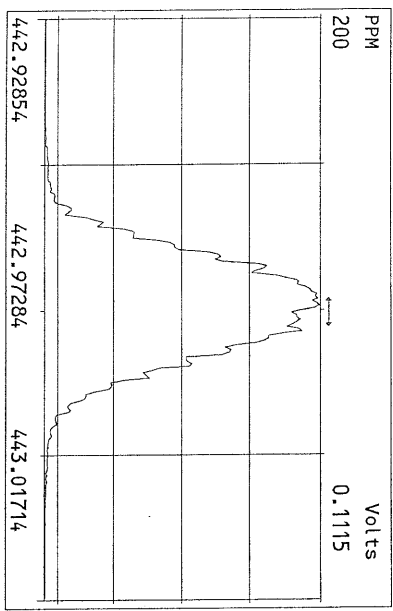
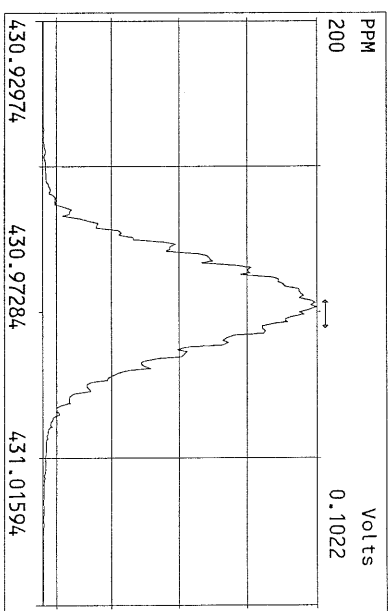
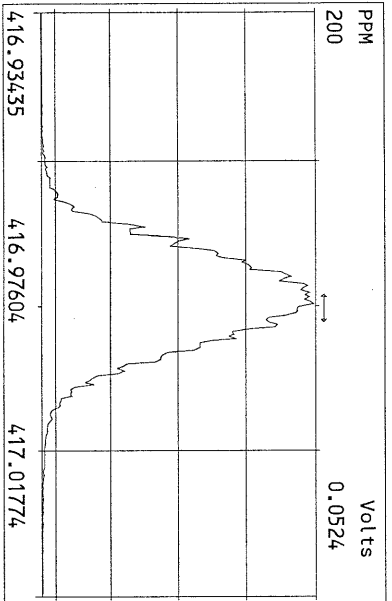
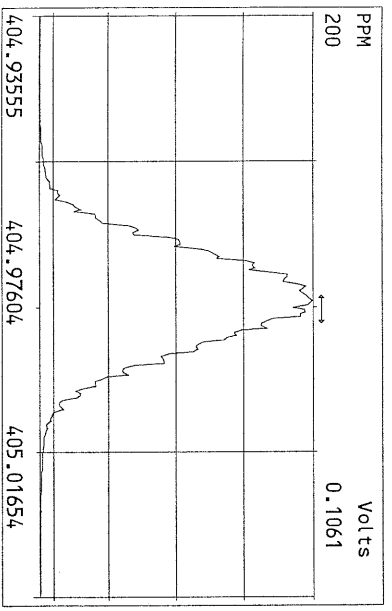
Data Backed Up: _____

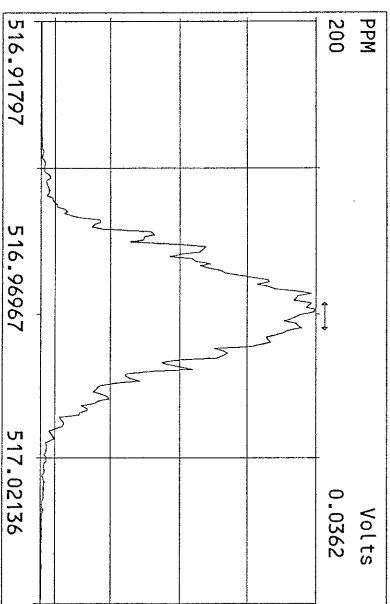
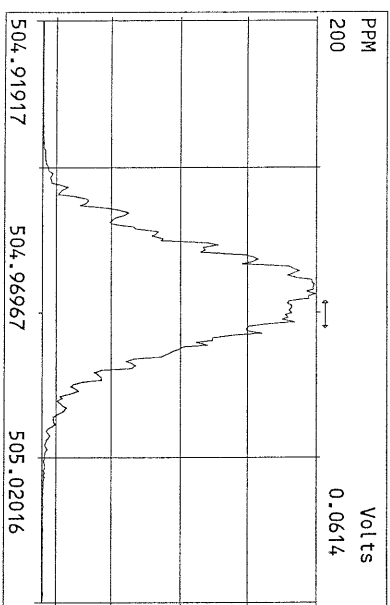
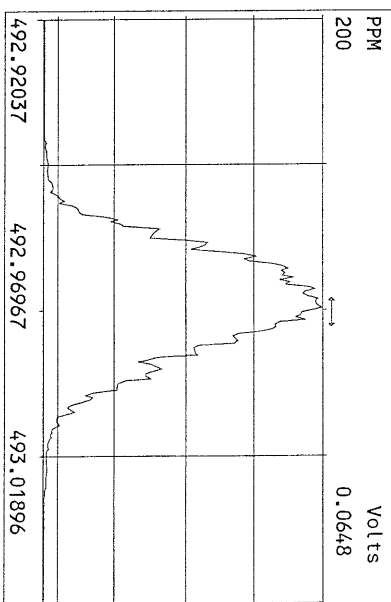
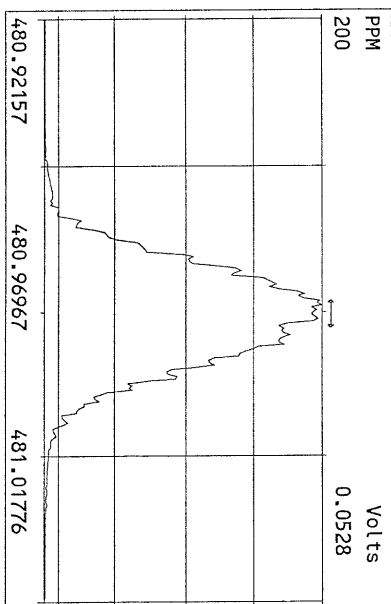
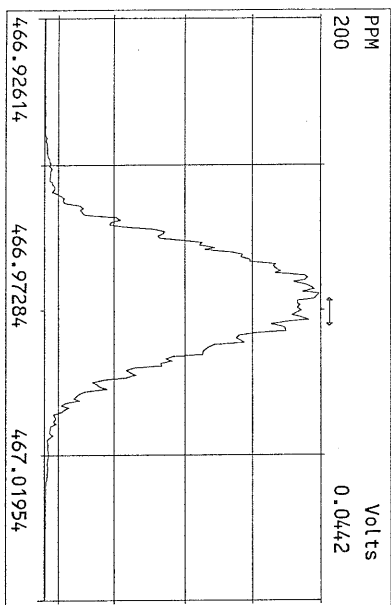
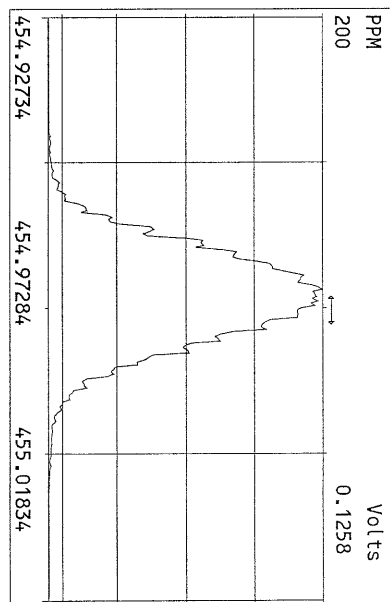
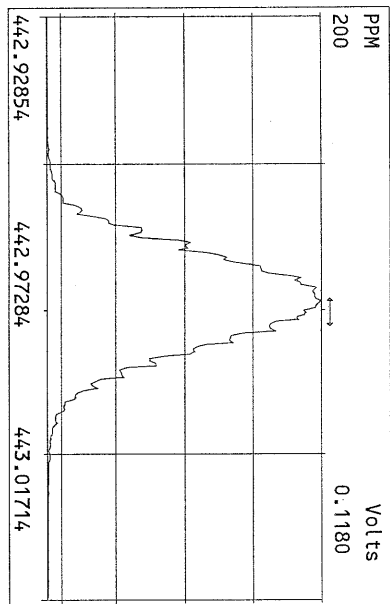
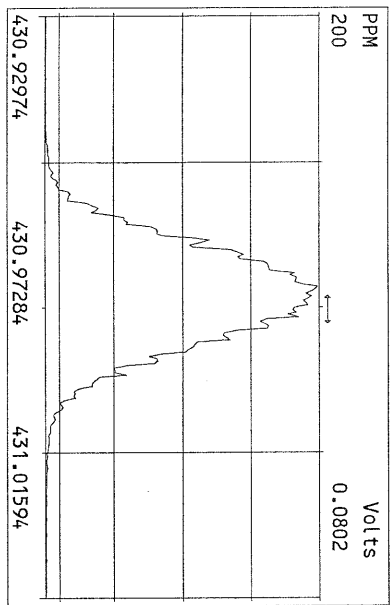
Date: _____



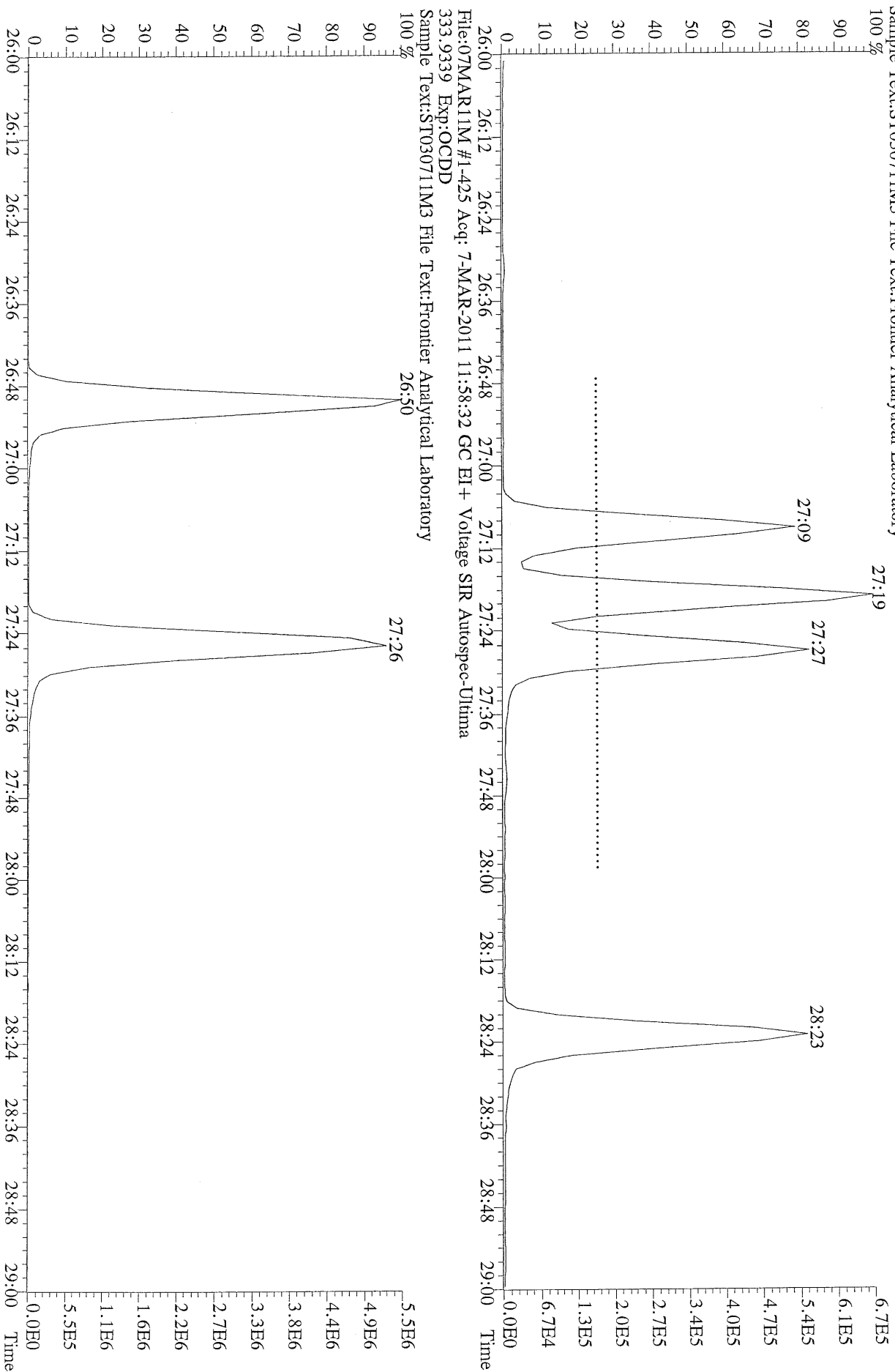




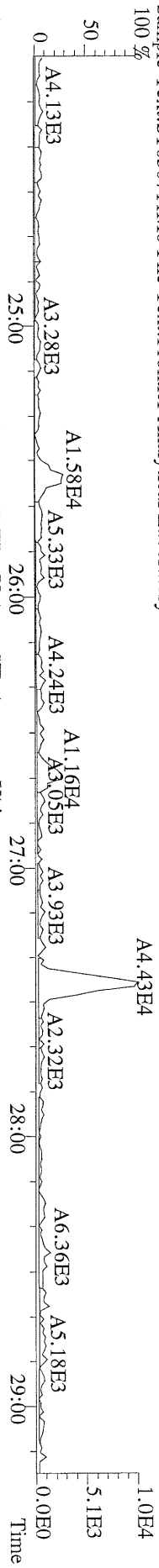




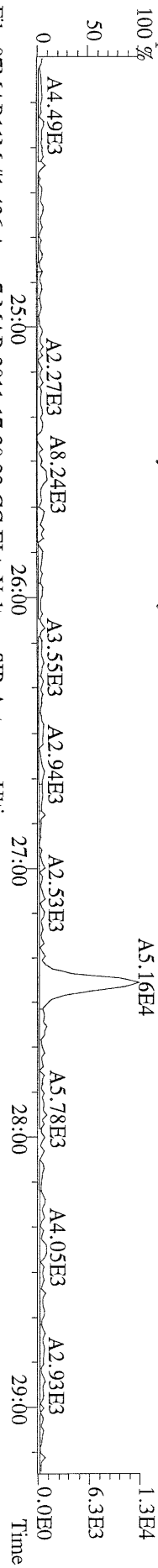
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
321.8936 Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %



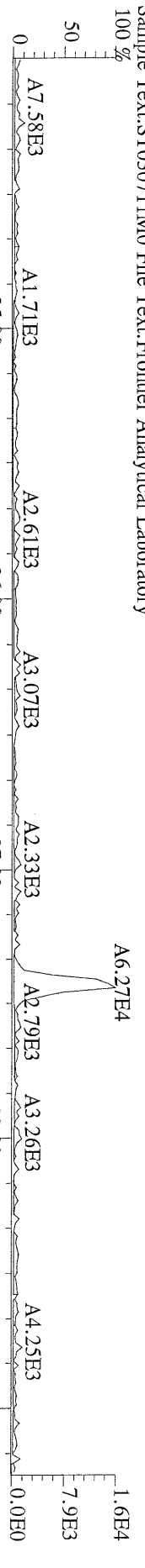
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



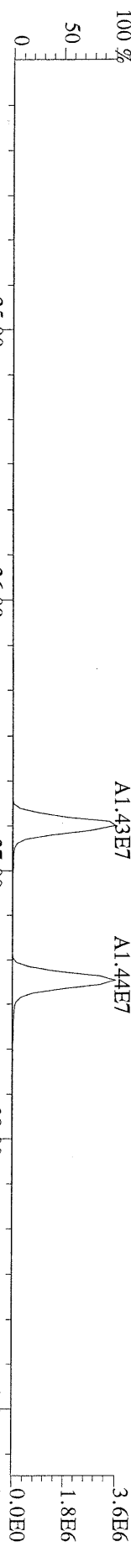
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



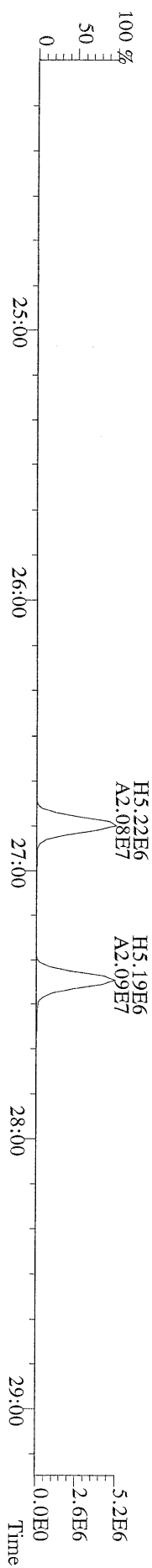
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



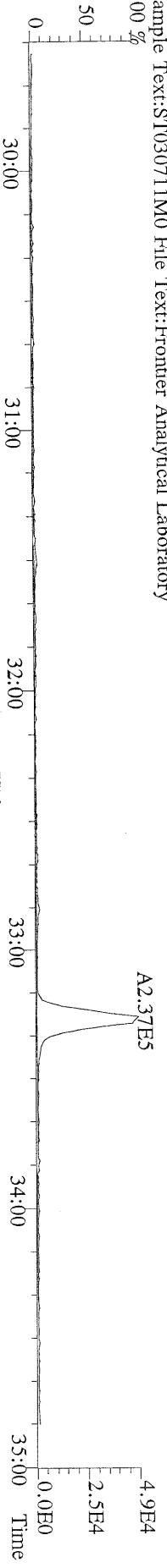
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



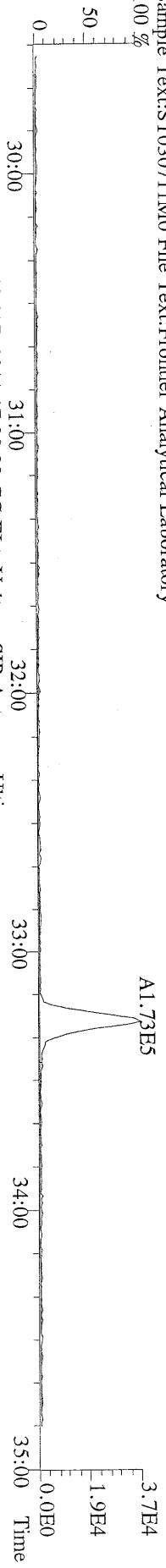
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:7 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



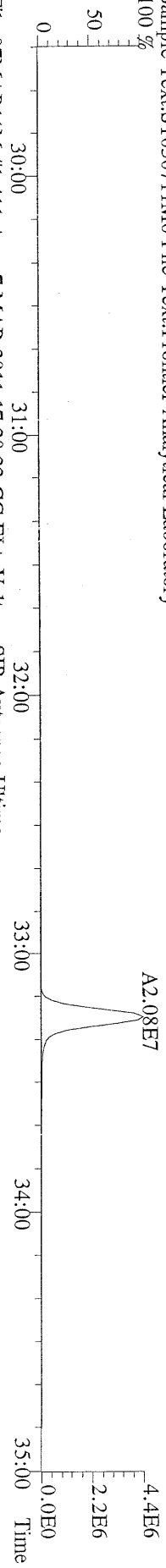
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
100 %



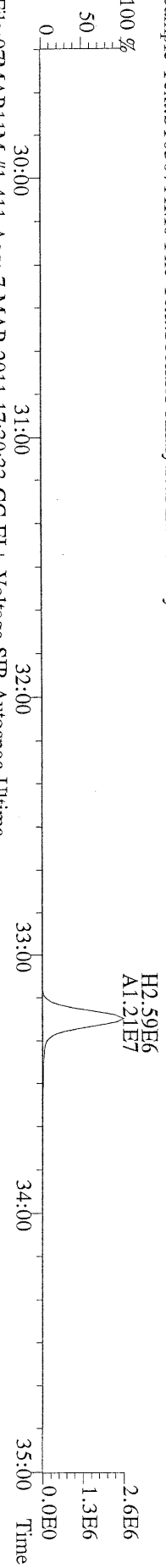
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
100 %



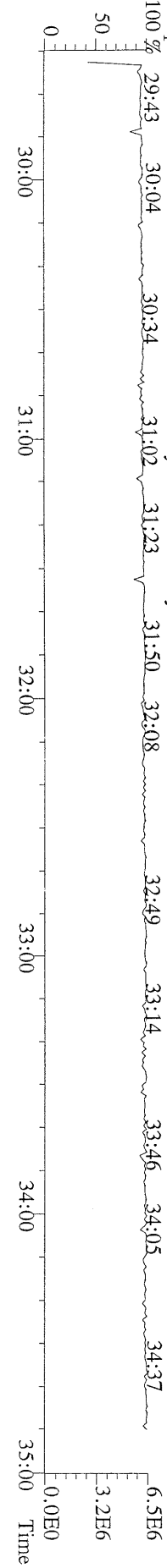
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
100 %



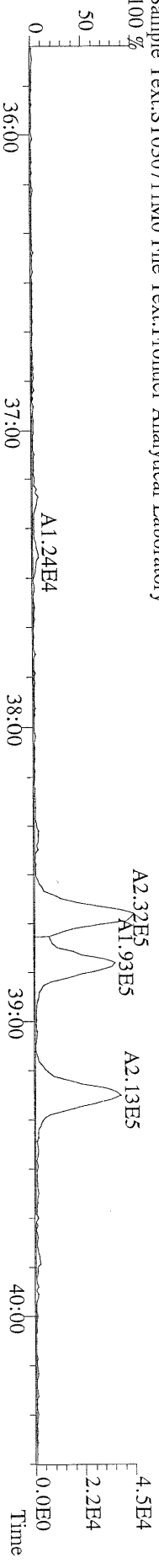
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



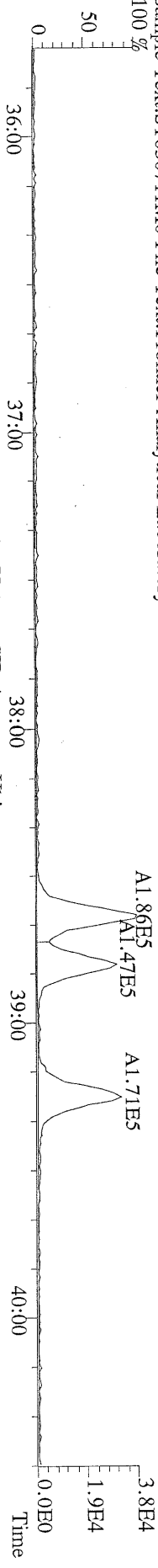
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:7 F:2 Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



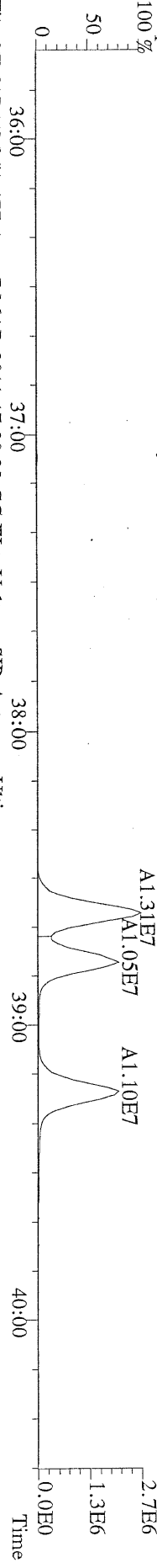
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:7 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



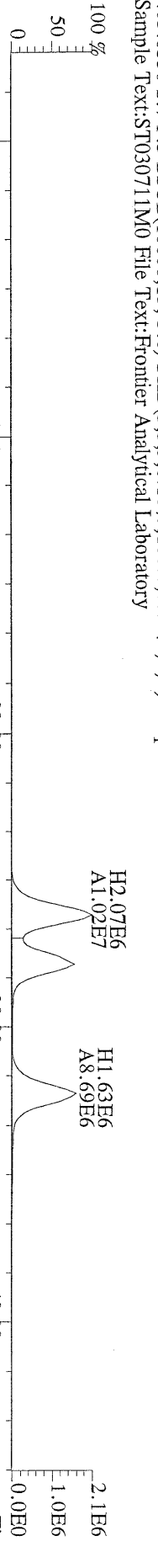
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:7 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



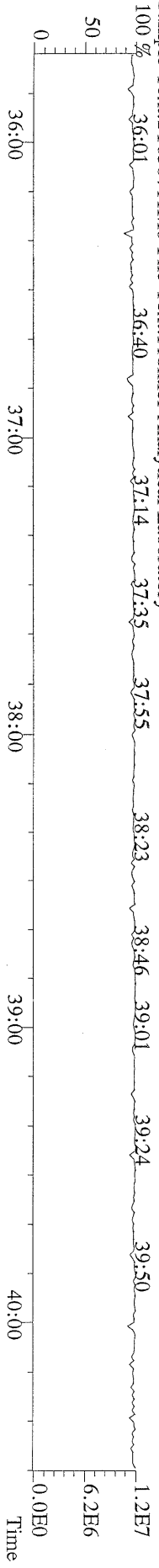
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:7 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



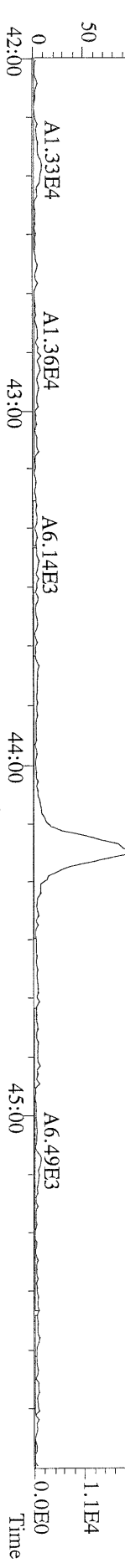
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:7 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:7 F:3 Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



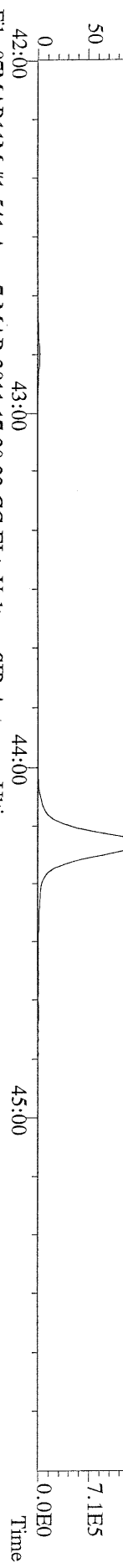
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



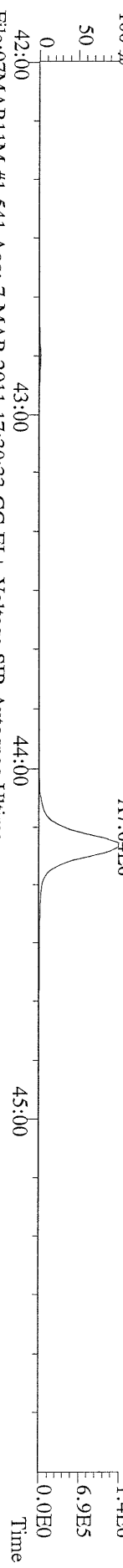
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



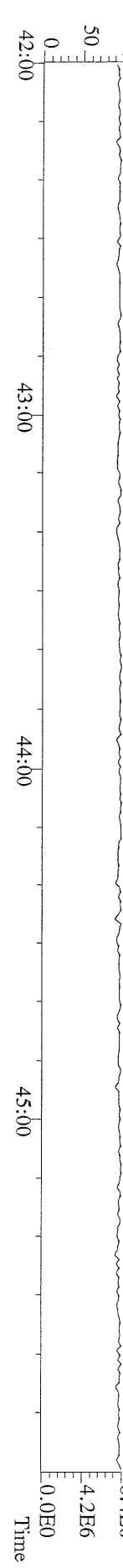
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



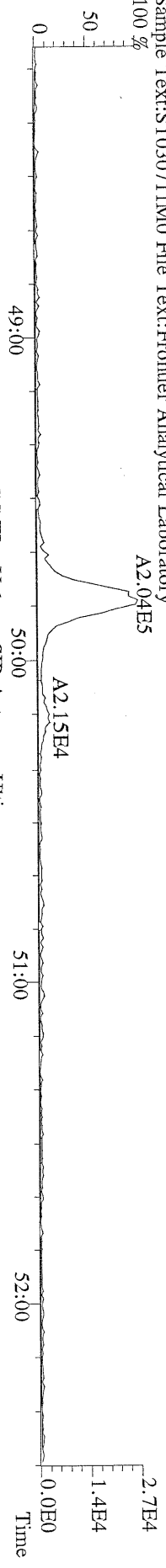
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



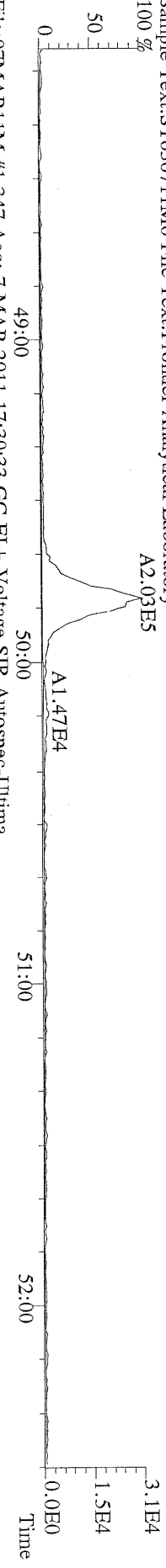
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:7 F:4 Exp:OCDD
Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



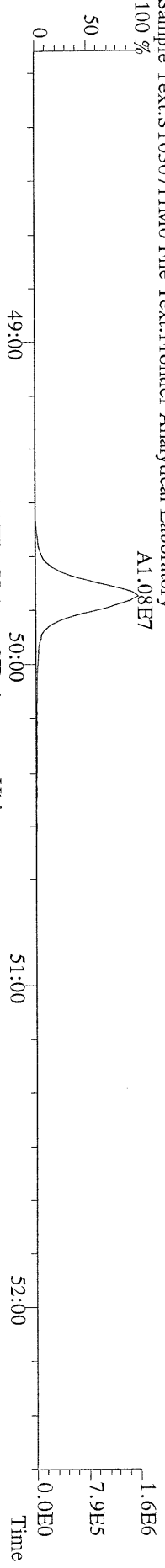
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 457.7377 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



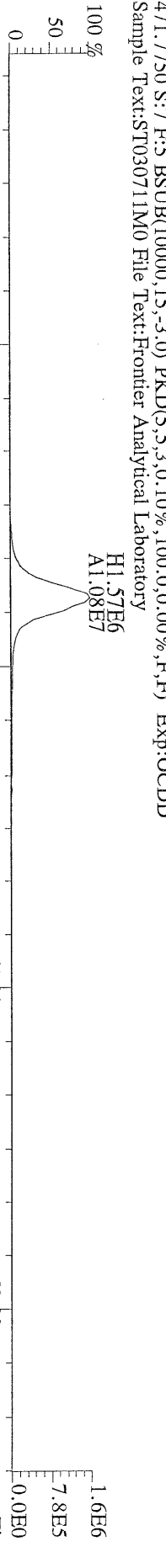
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 459.7348 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



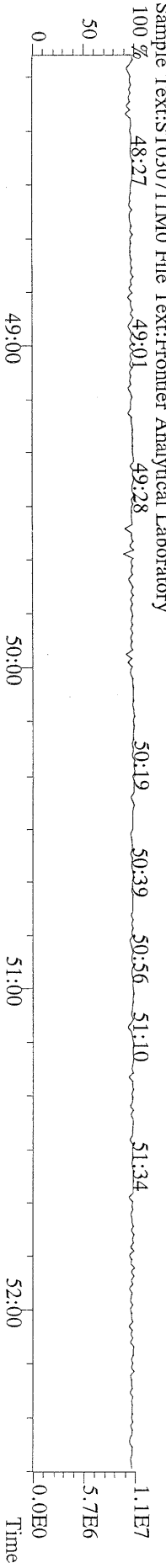
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 469.7780 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



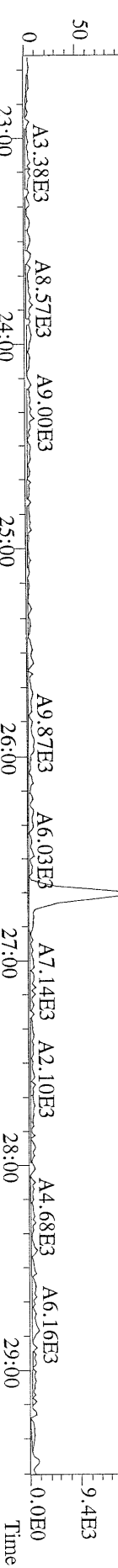
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 471.7750 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



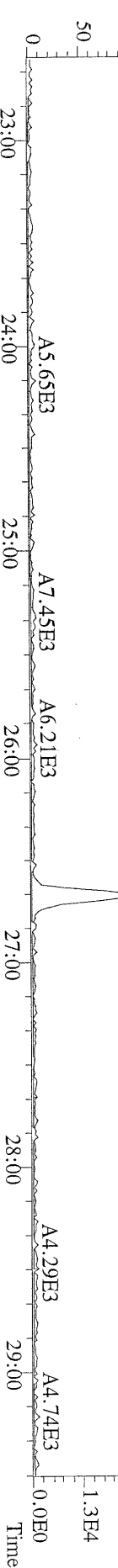
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 454.9728 S:7 F:5 Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



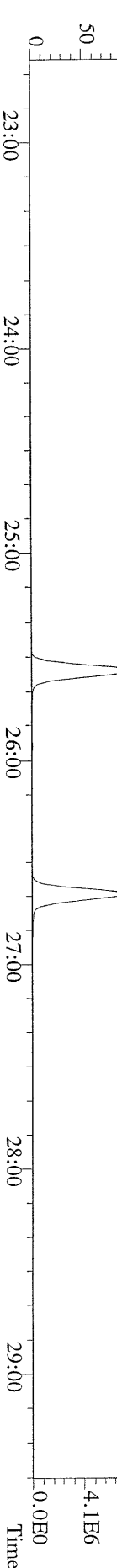
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:7 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



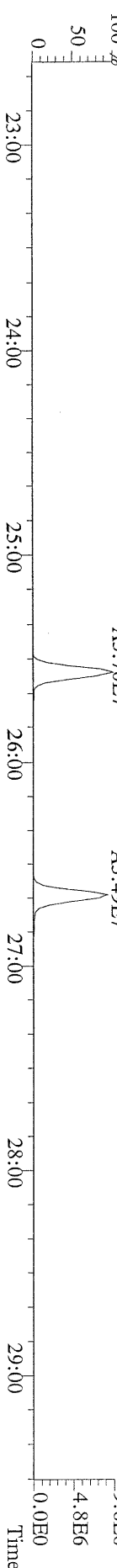
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:7 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



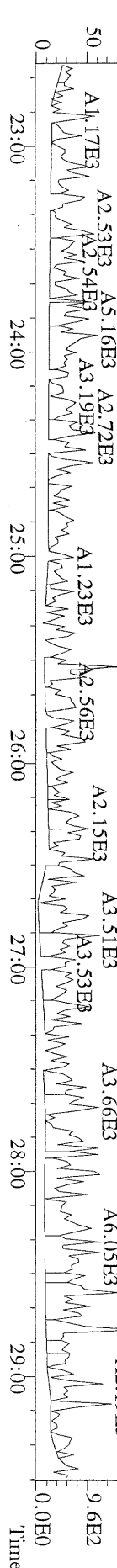
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:7 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



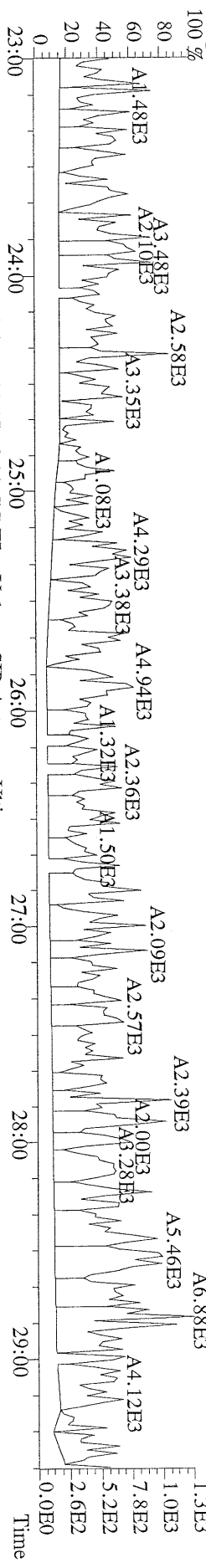
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:7 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



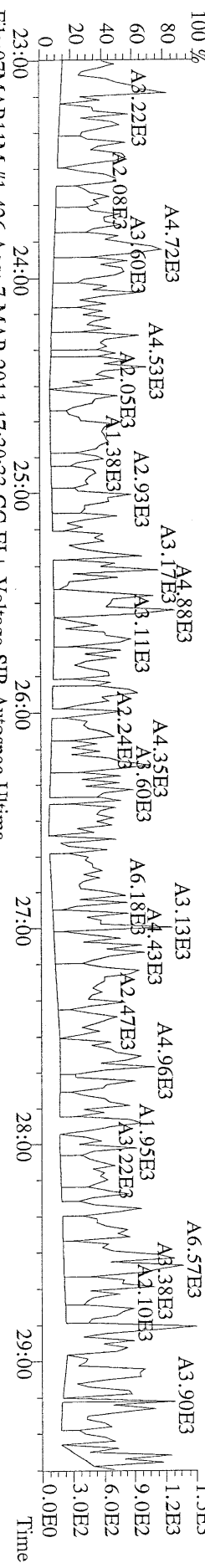
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:7 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



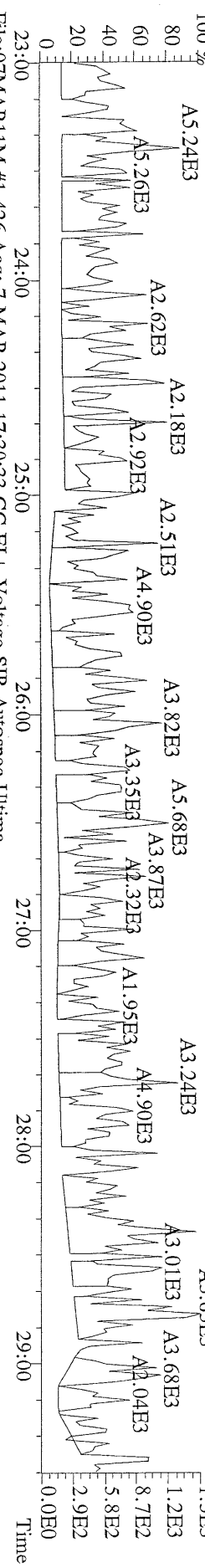
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 339.8568 S:7 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



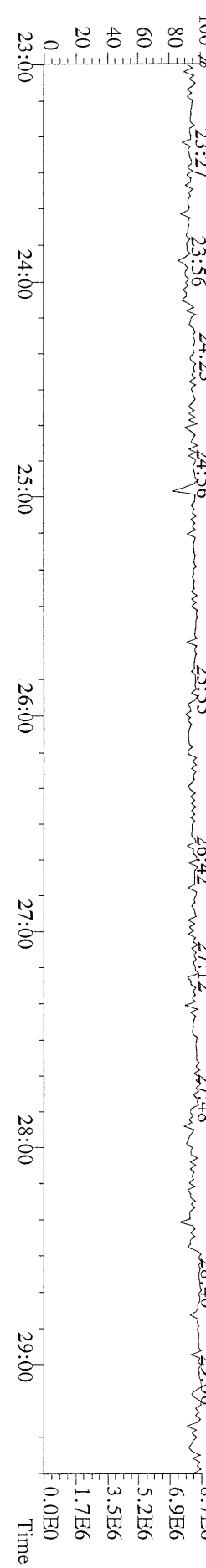
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 341.8568 S:7 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



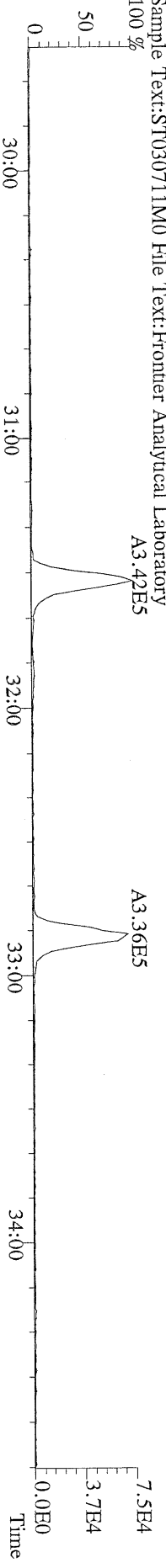
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 409.7974 S:7 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



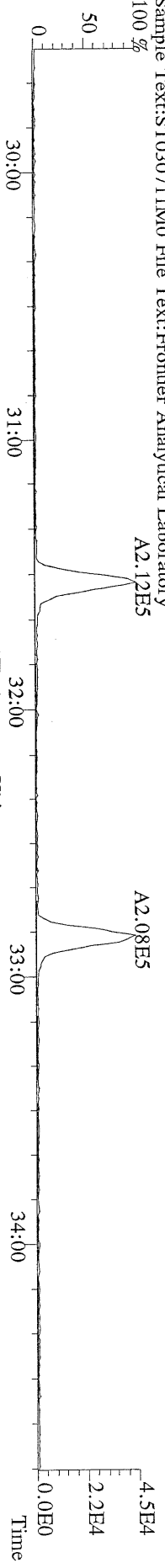
File:07MAR11M #1-426 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 316.9824 S:7 Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



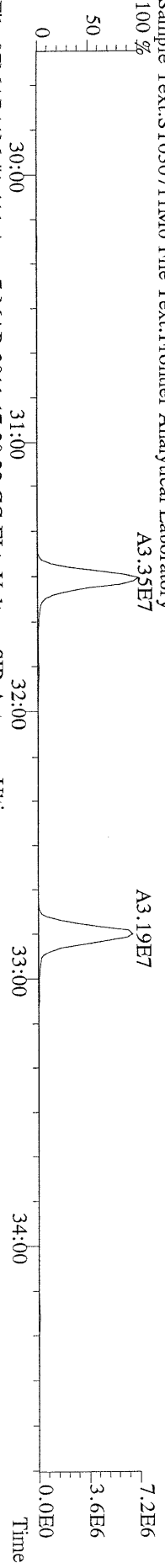
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



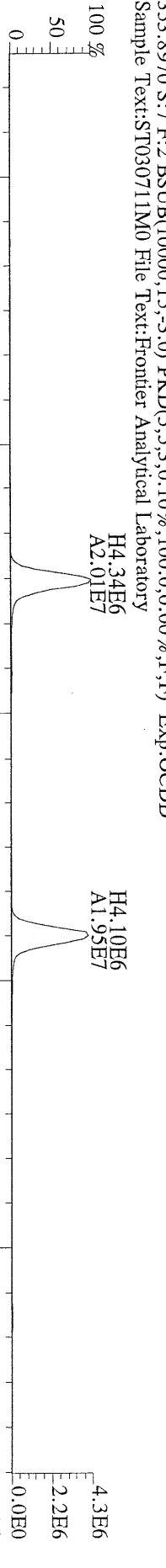
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



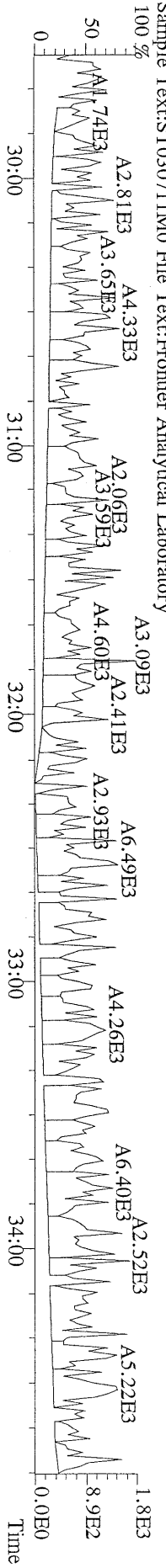
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



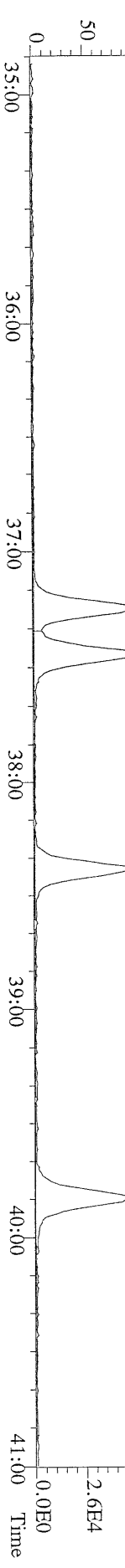
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



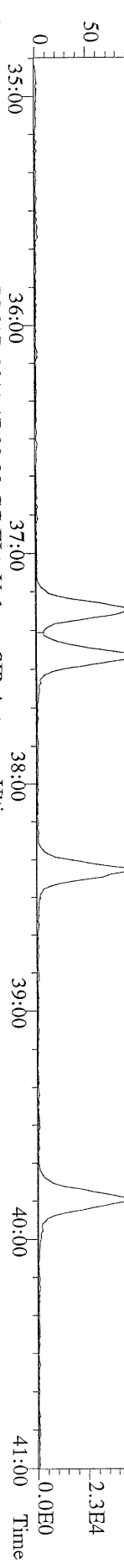
File:07MAR11M #1-411 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:7 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



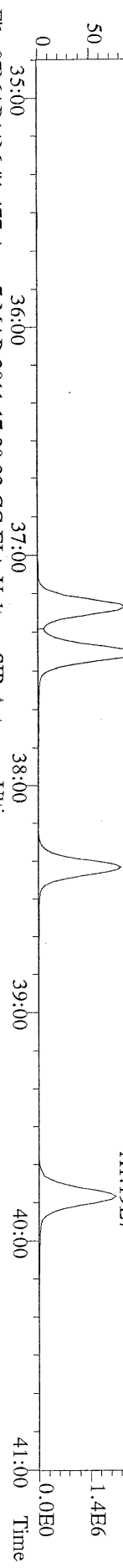
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



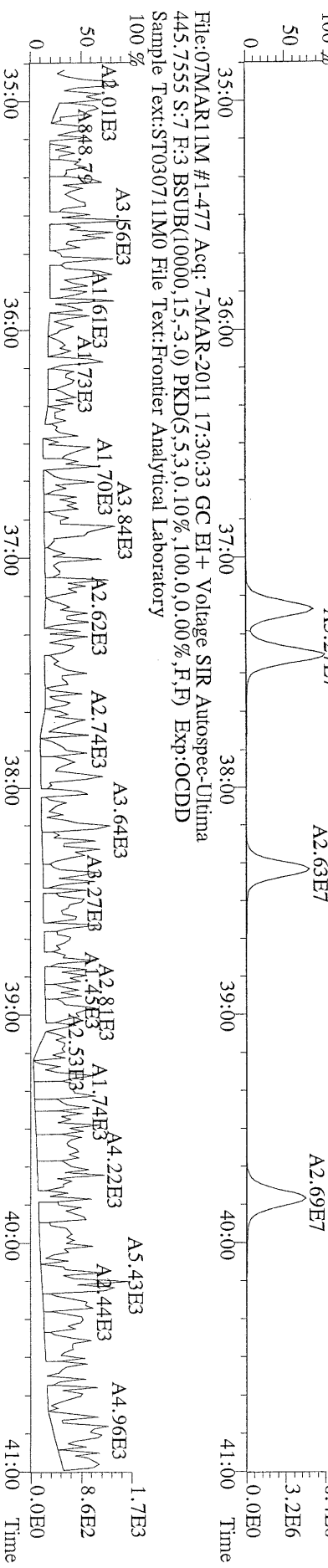
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 375.8178 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



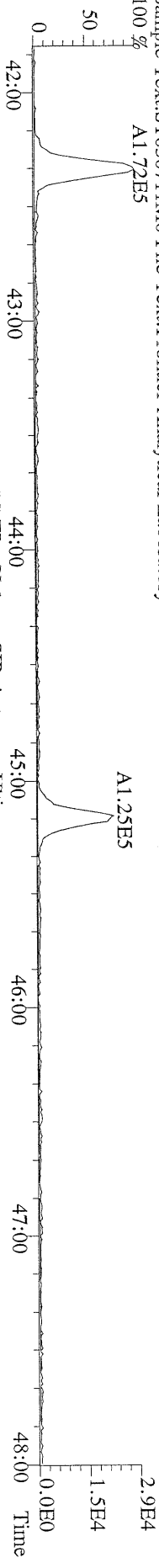
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 385.8610 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



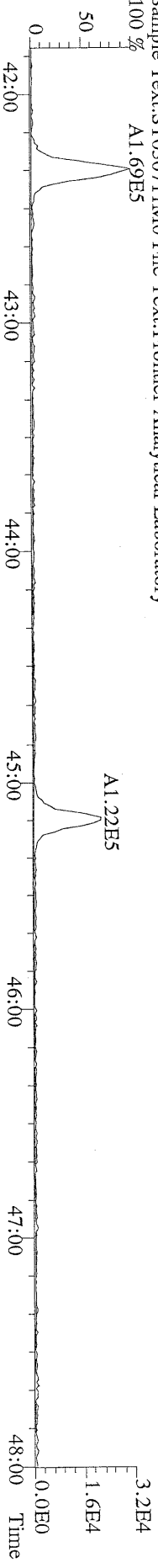
File:07MAR11M #1-477 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:7 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



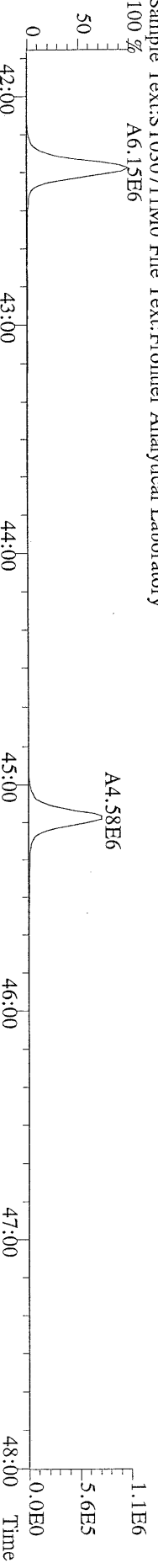
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 407.7818 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



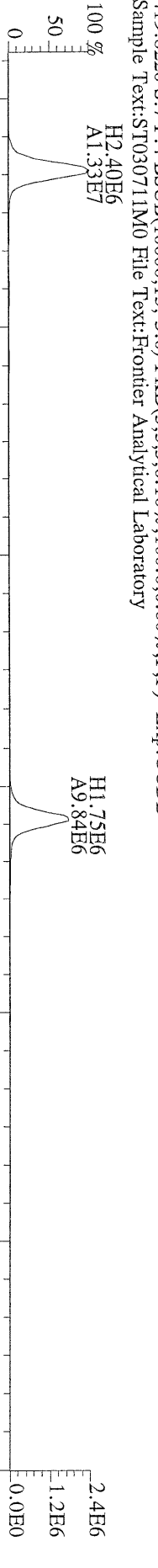
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 409.7788 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



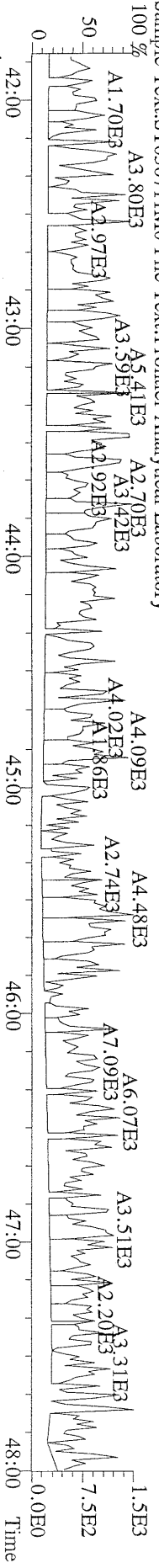
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 417.8253 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 419.8220 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



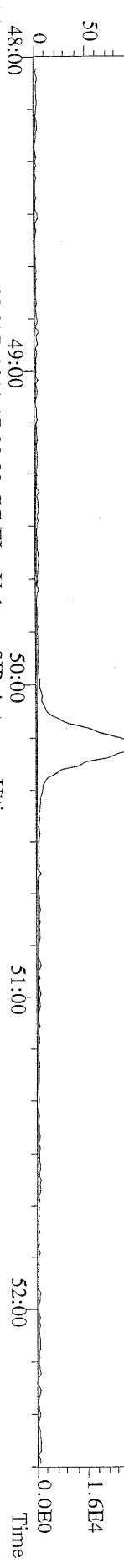
File:07MARI1M #1-541 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Utima
 479.7165 S:7 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



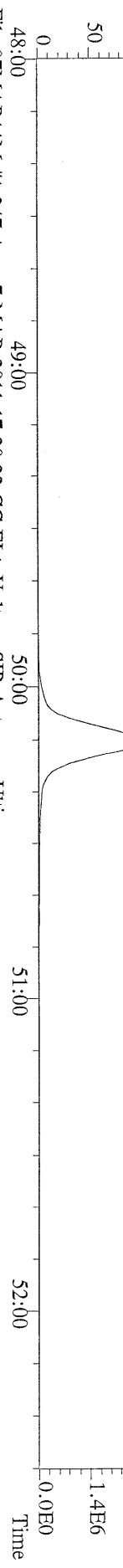
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
 100 %



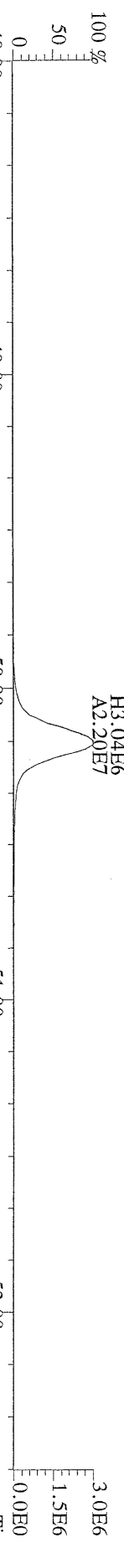
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
 100 %



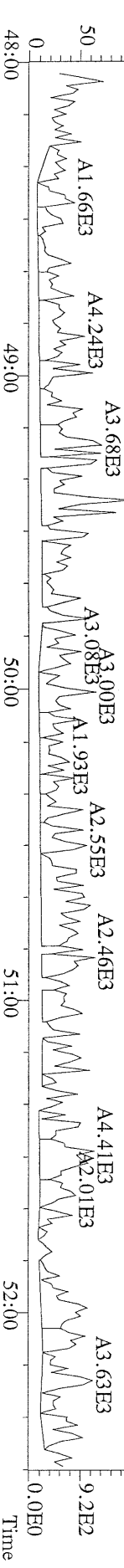
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
 100 %



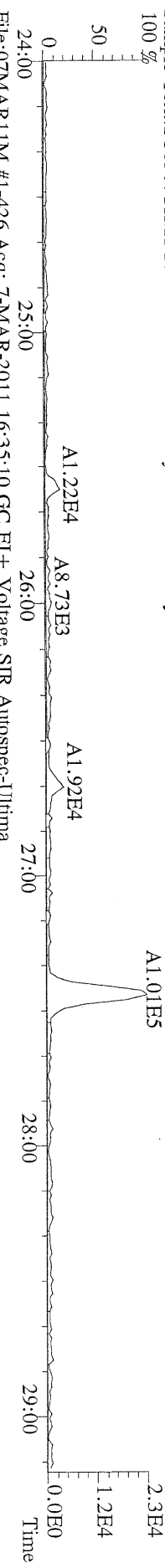
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 455.7801 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory



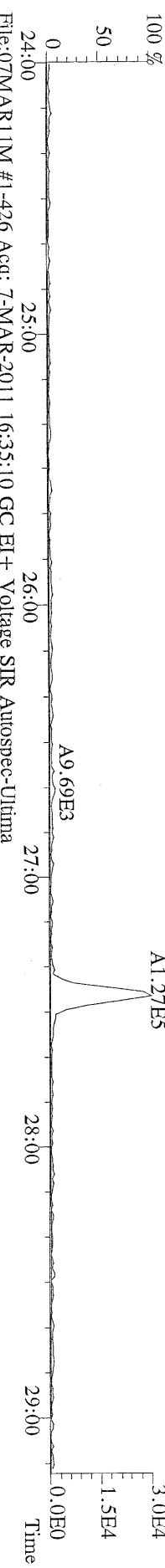
File:07MAR11M #1-347 Acq: 7-MAR-2011 17:30:33 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 S:7 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M0 File Text:Frontier Analytical Laboratory
 100 %



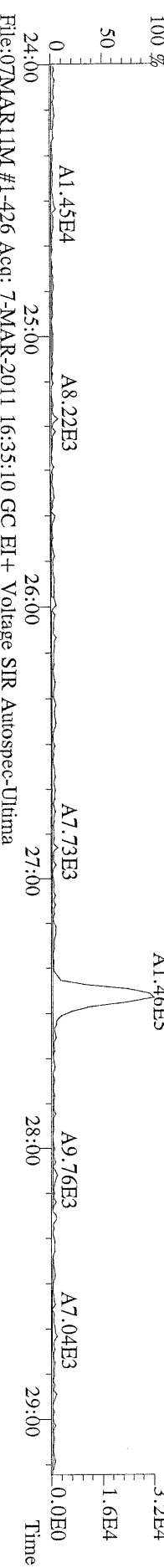
File:07MAR11M1 #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



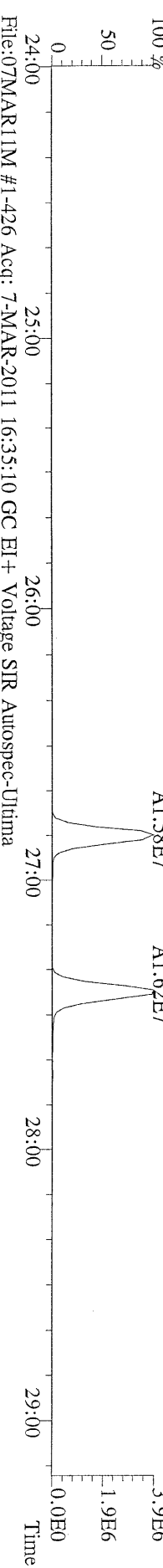
File:07MAR11M1 #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



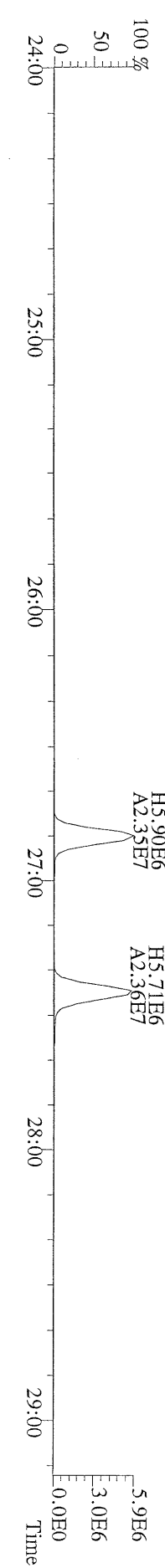
File:07MAR11M1 #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



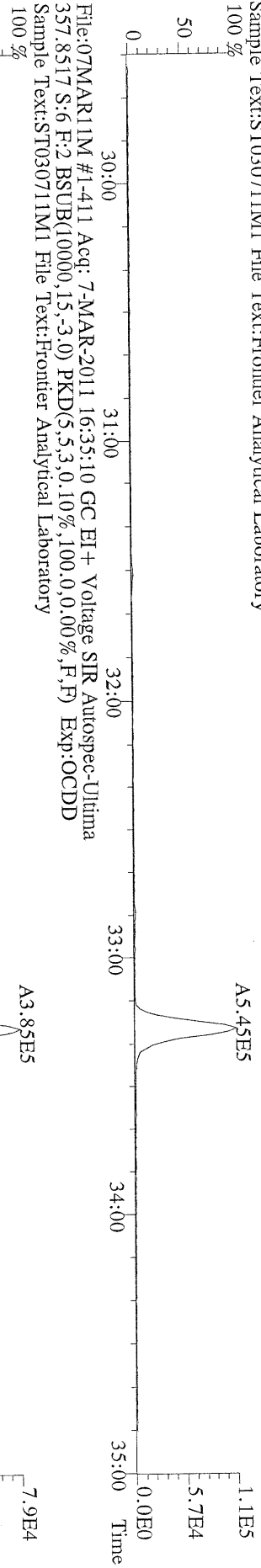
File:07MAR11M1 #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



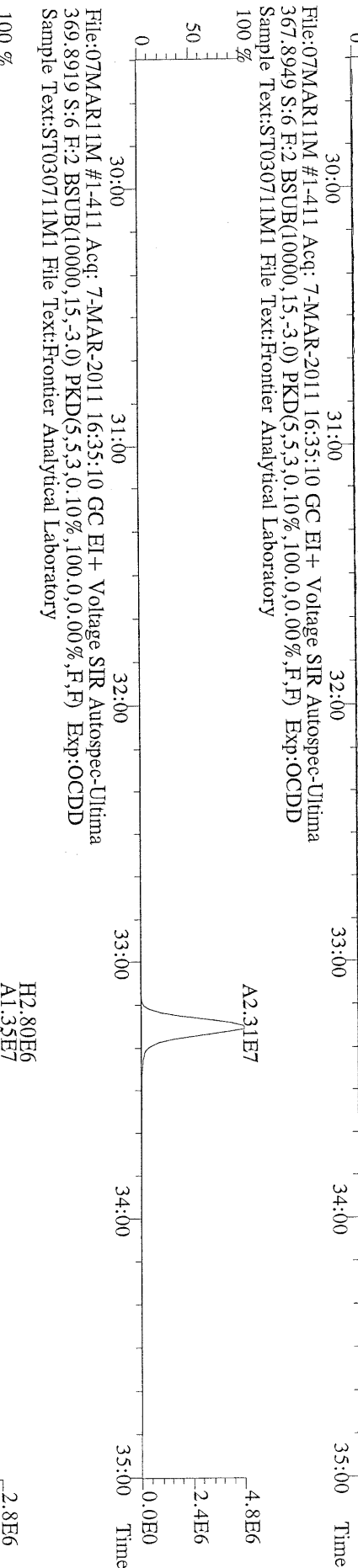
File:07MAR11M1 #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



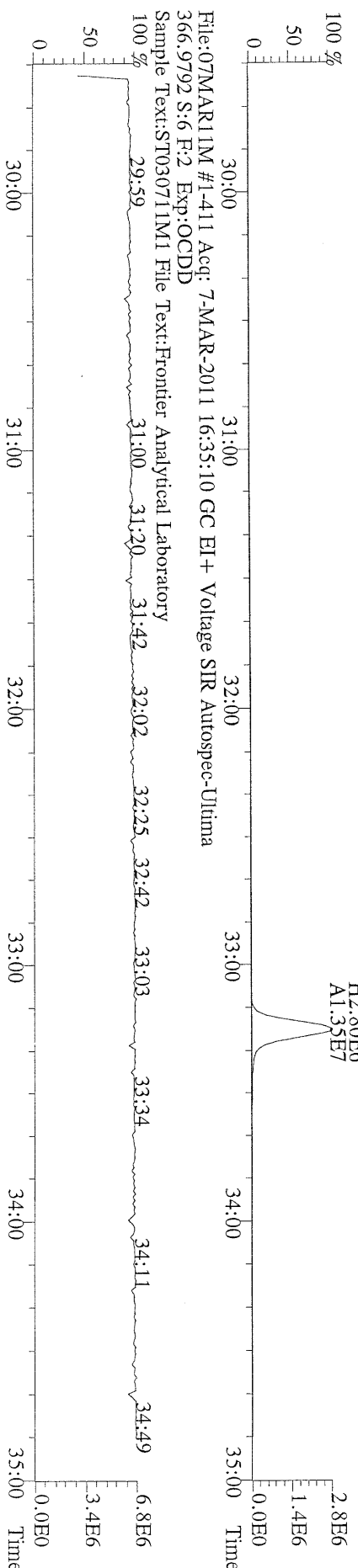
File:07MARI1M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:6 F:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



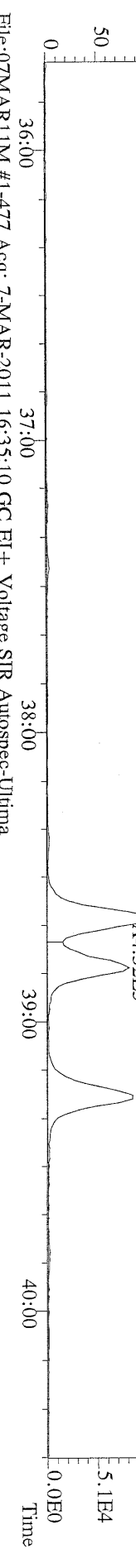
File:07MARI1M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:6 F:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



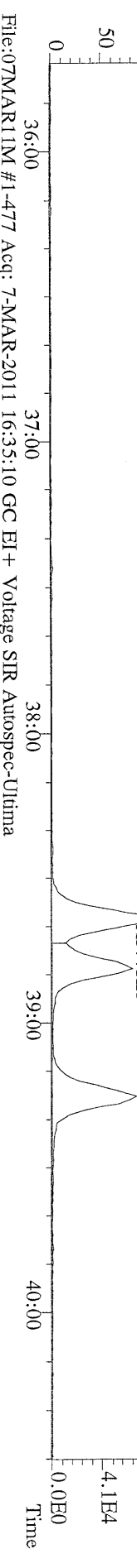
File:07MARI1M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:6 F:2 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



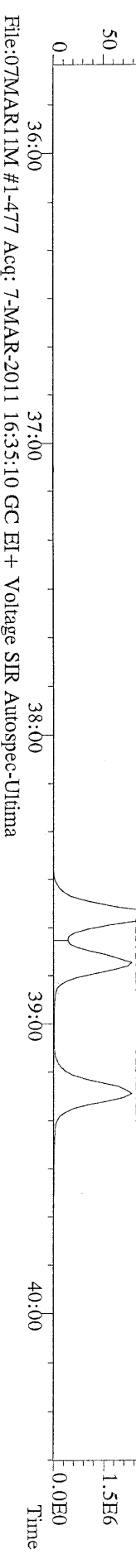
File:07MAR11M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
 389.8156 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



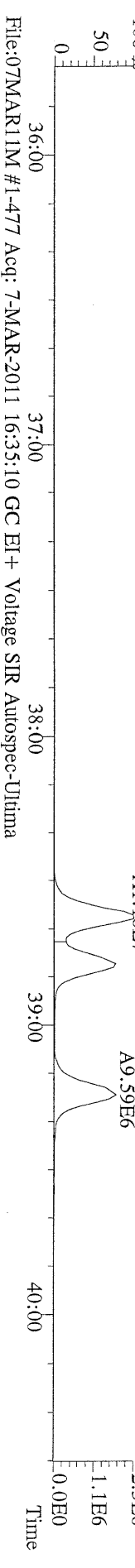
File:07MAR11M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
 391.8127 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



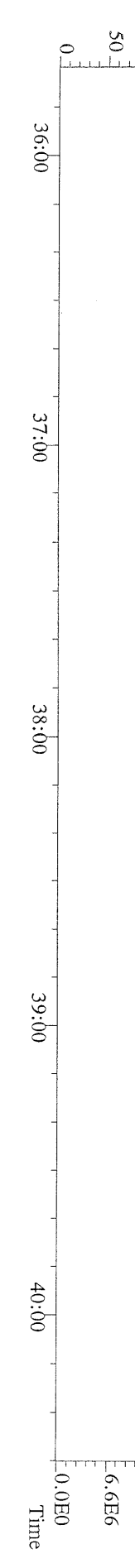
File:07MAR11M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
 401.8559 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



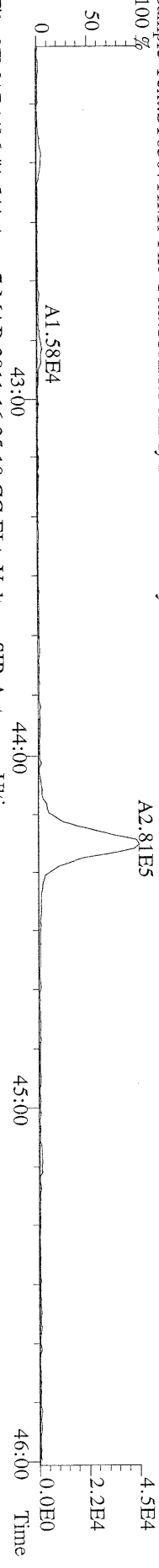
File:07MAR11M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
 403.8530 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



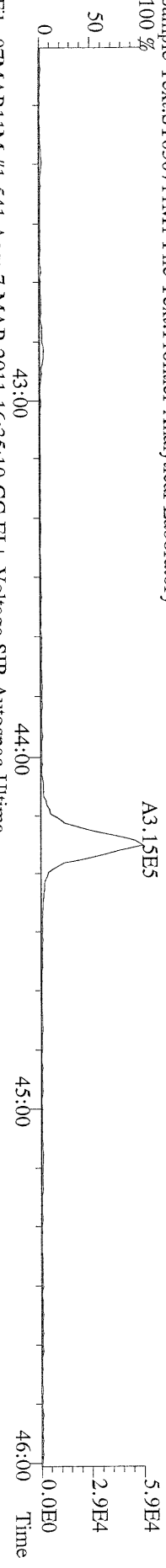
File:07MAR11M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
 380.9760 S:6 F:3 Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



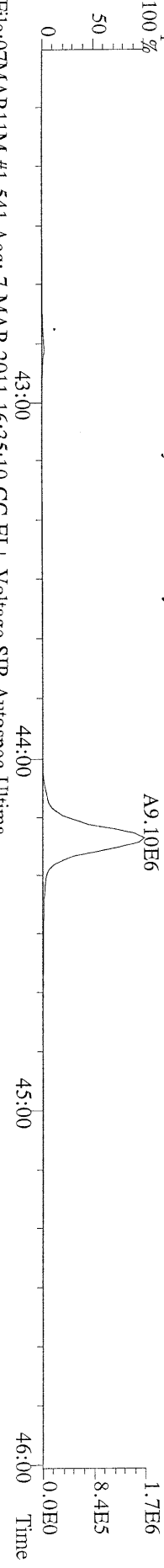
File:07MAR11M1 #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



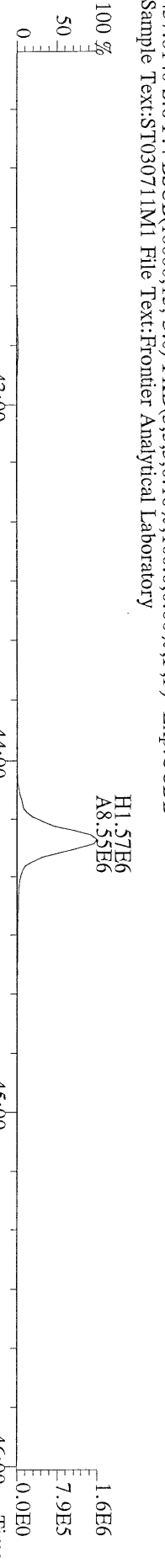
File:07MAR11M1 #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
425.7737 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



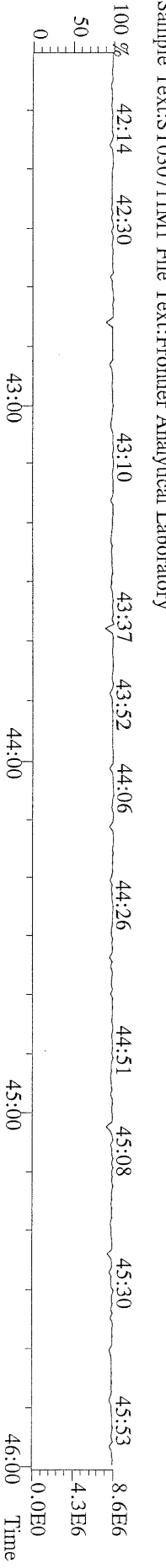
File:07MAR11M1 #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



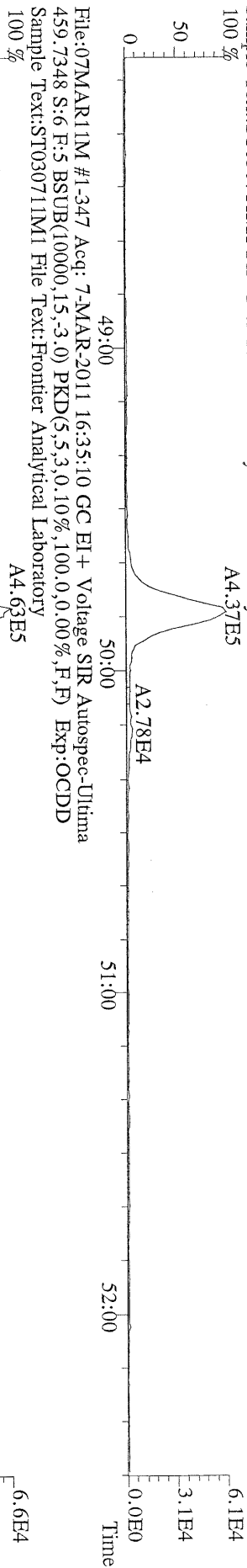
File:07MAR11M1 #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
437.8140 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



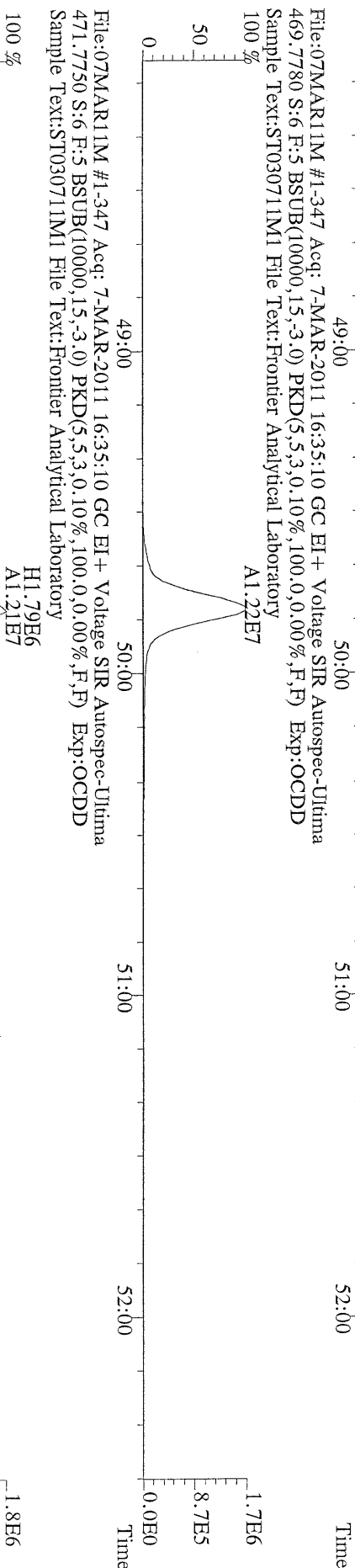
File:07MAR11M1 #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:6 F:4 Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



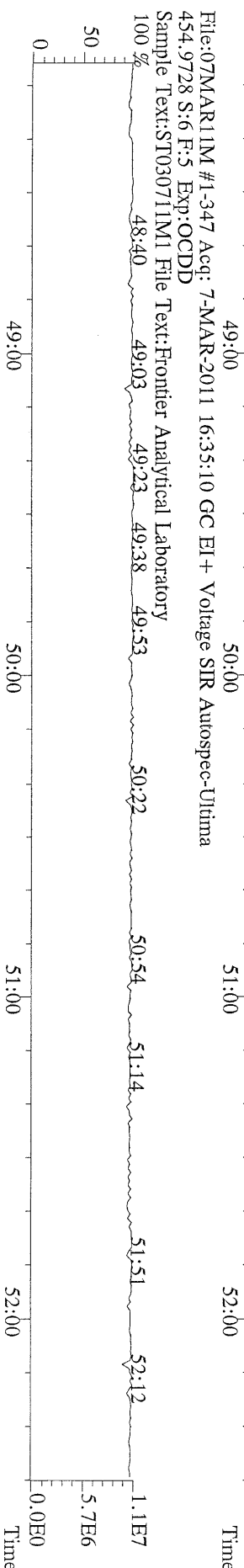
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



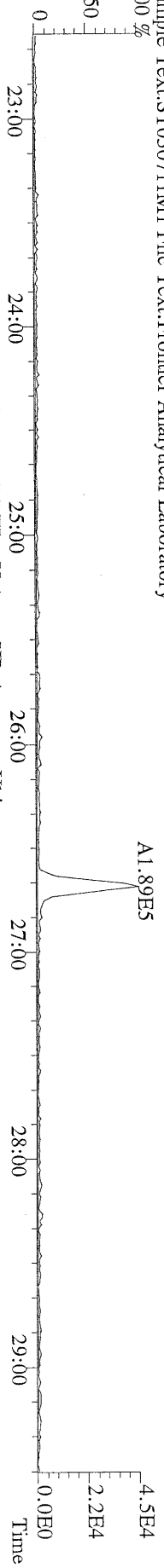
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



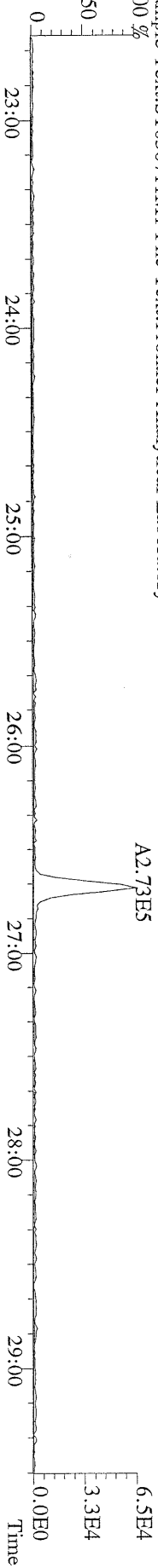
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:6 F:5 Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



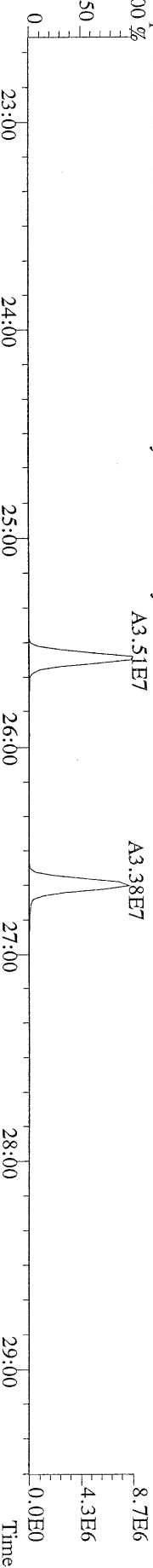
File:07MAR11M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
 100 %



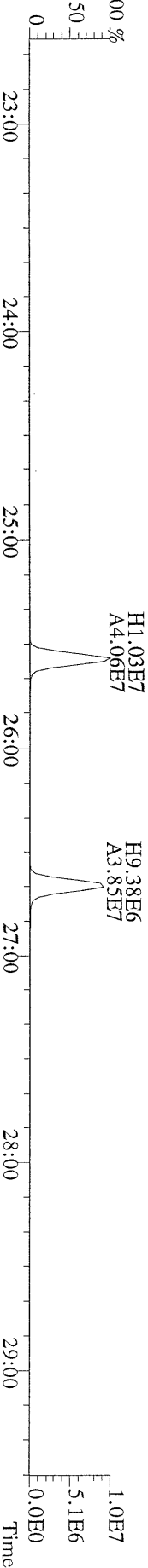
File:07MAR11M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
 100 %



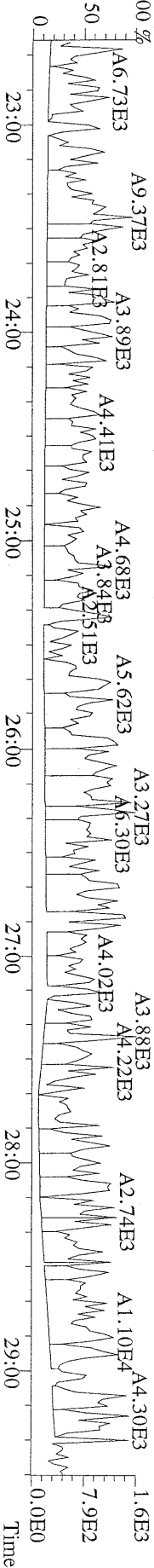
File:07MAR11M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
 100 %



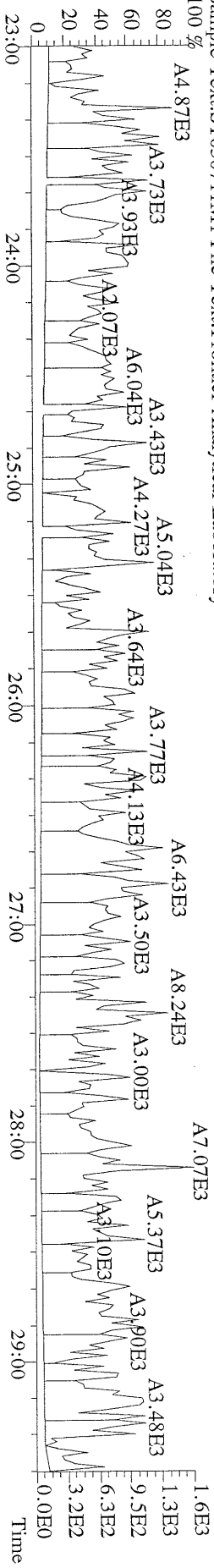
File:07MAR11M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



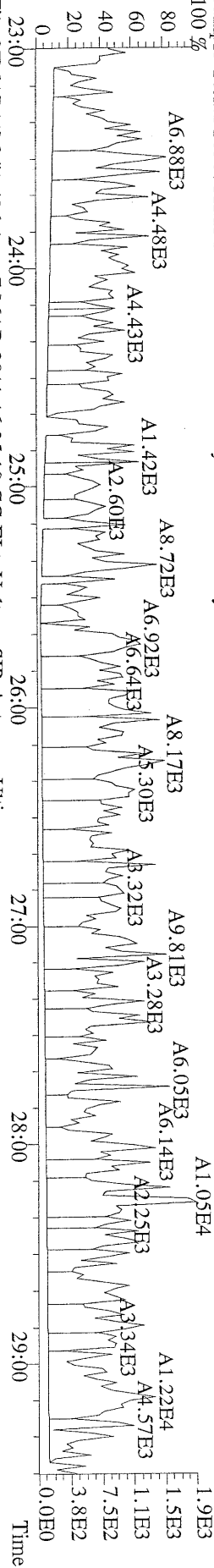
File:07MAR11M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:6 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



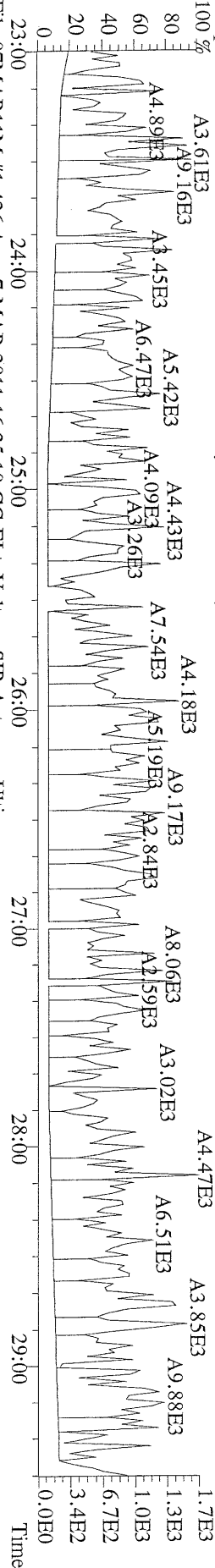
File:07MARI1M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:6 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



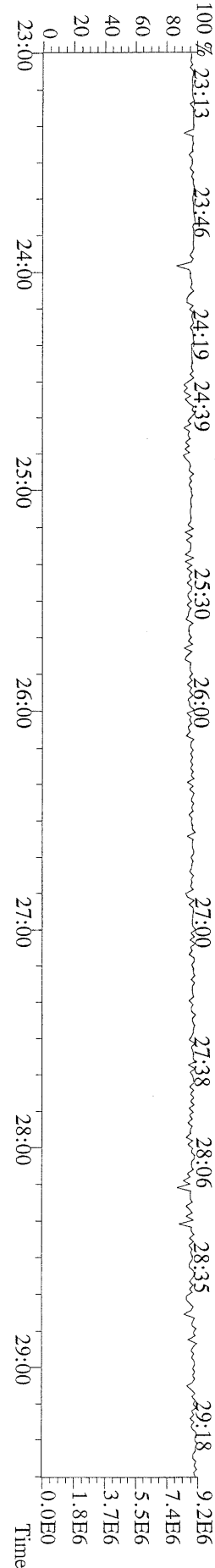
File:07MARI1M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:6 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



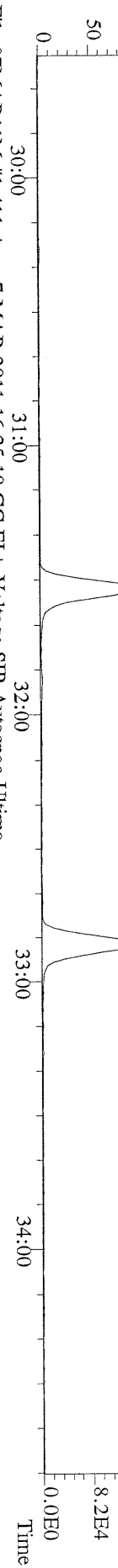
File:07MARI1M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:6 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



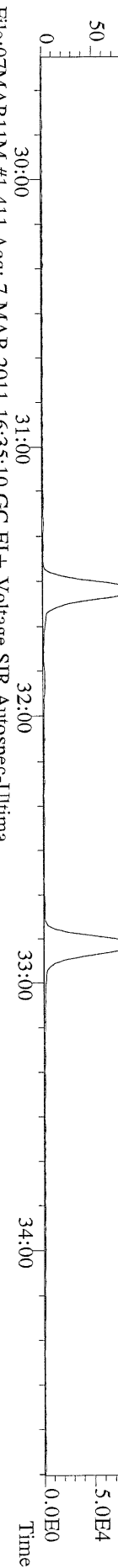
File:07MARI1M #1-426 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 316.9824 S:6 Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



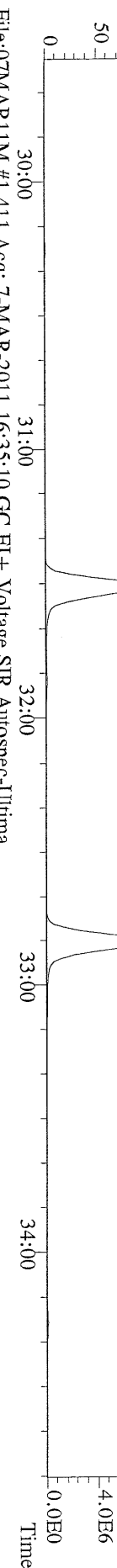
File:07MAR11M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
339.8597 S:6 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 % A7.50E5



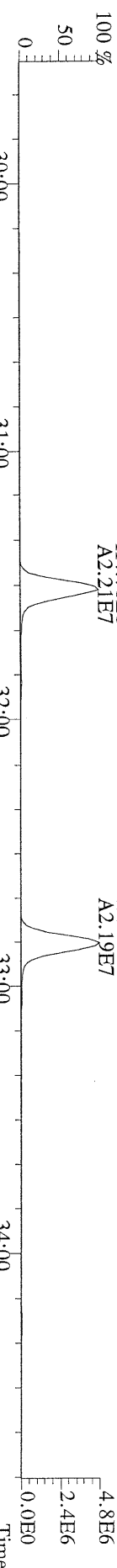
File:07MAR11M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
341.8568 S:6 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 % A4.57E5



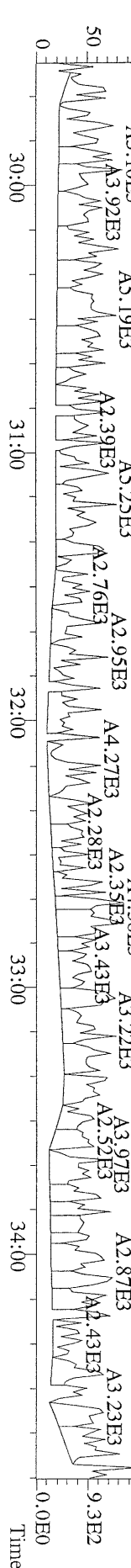
File:07MAR11M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
351.9000 S:6 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 % A3.60E7



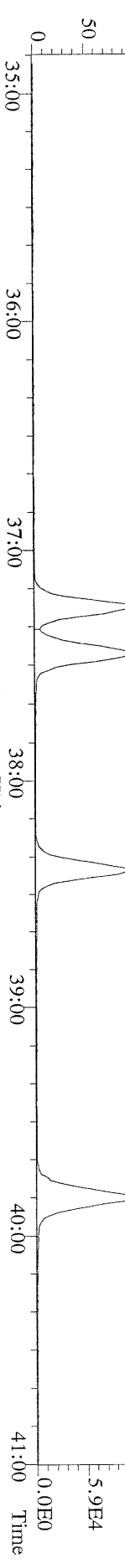
File:07MAR11M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
353.8970 S:6 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



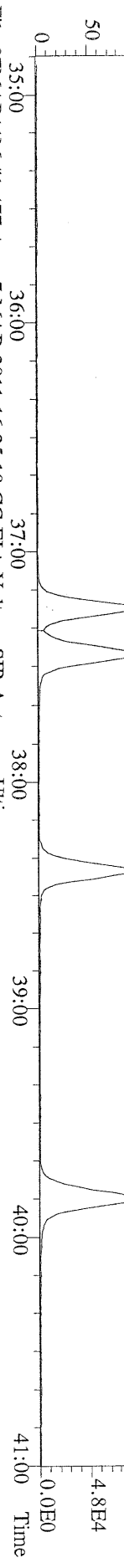
File:07MAR11M #1-411 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
409.7974 S:6 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



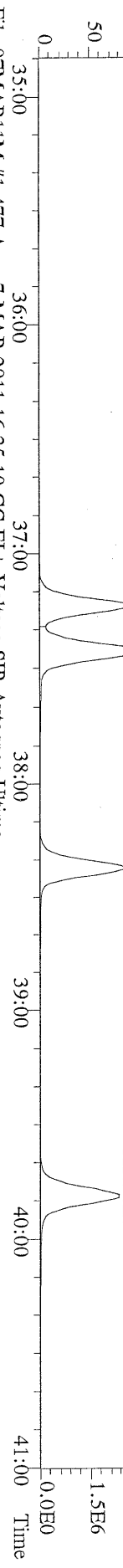
File:07MARI1M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



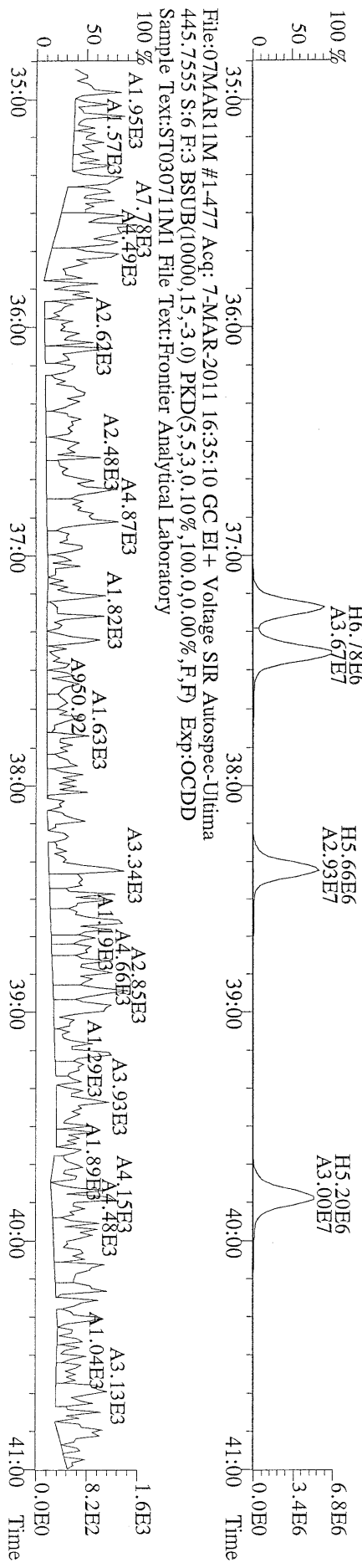
File:07MARI1M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 375.8178 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



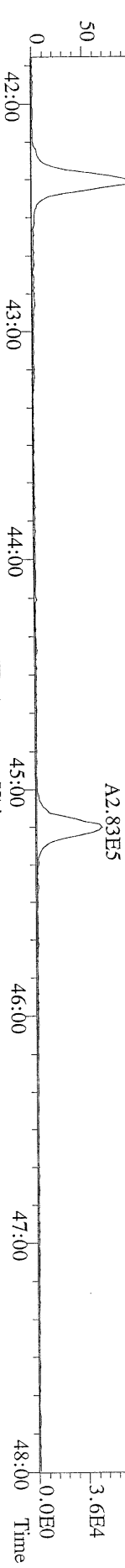
File:07MARI1M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



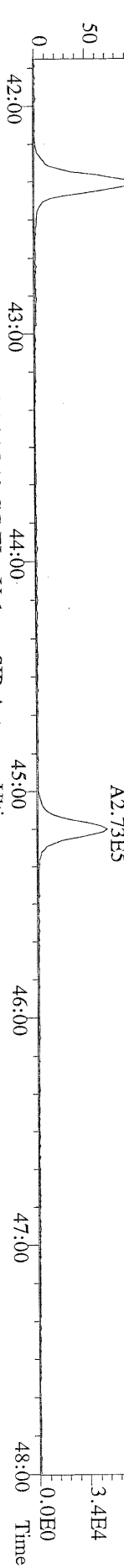
File:07MARI1M #1-477 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:6 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



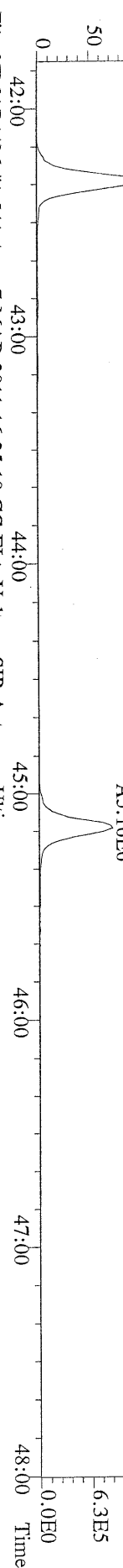
File:07MAR11M #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
407.7818 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



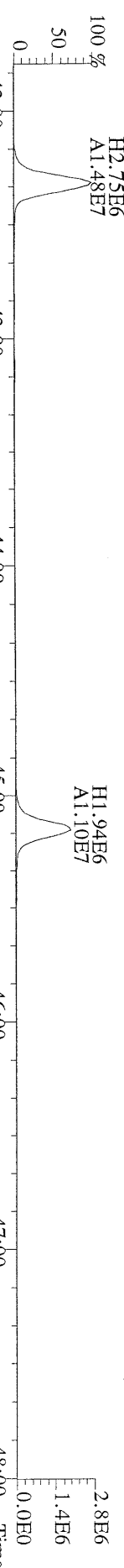
File:07MAR11M #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
409.7788 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



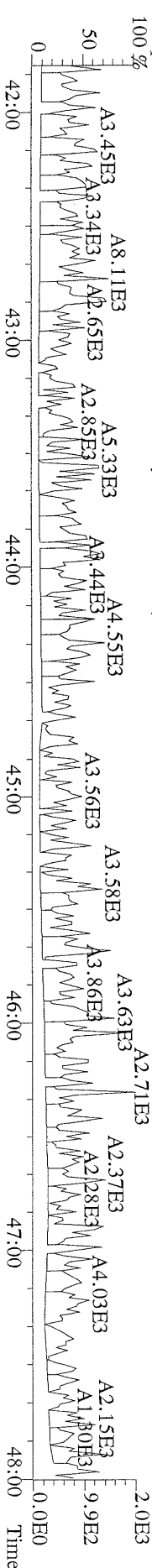
File:07MAR11M #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
417.8253 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory
100 %



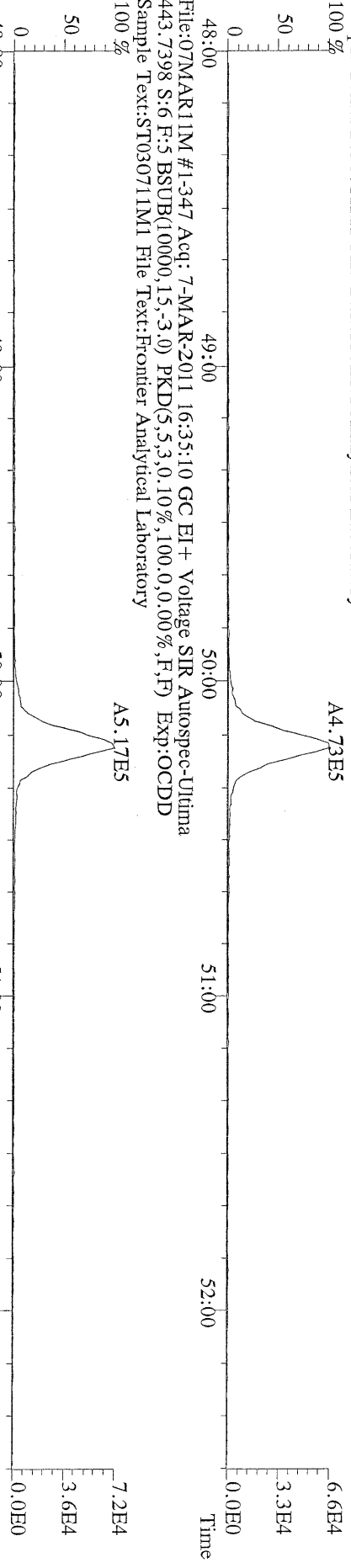
File:07MAR11M #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
419.8220 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



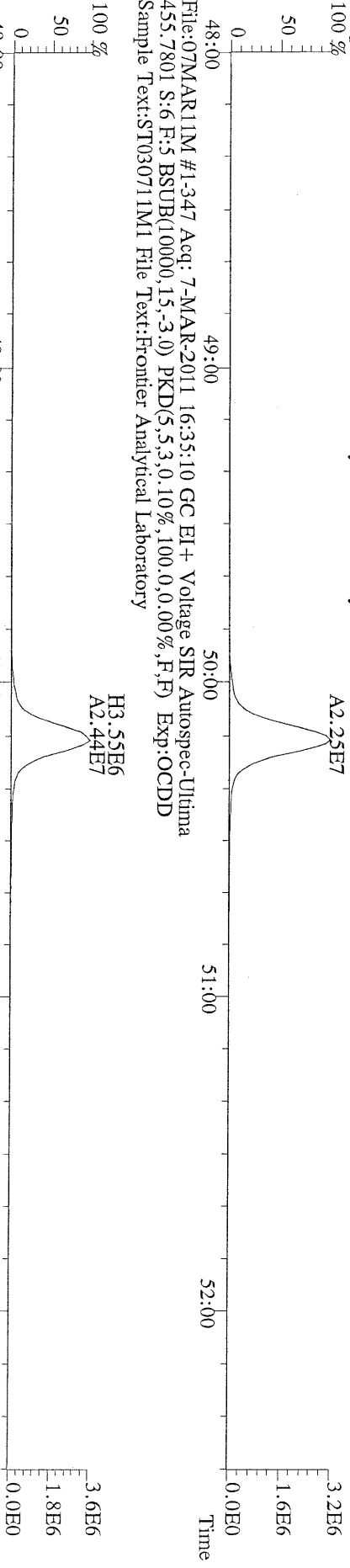
File:07MAR11M #1-541 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Utima
479.7165 S:6 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



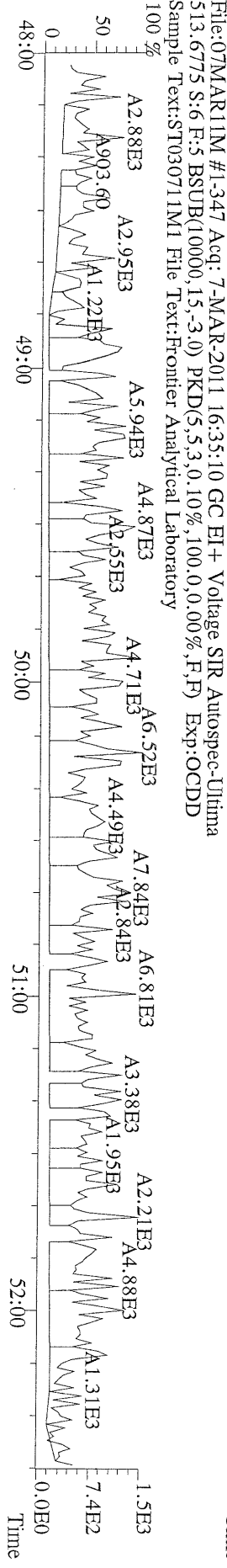
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



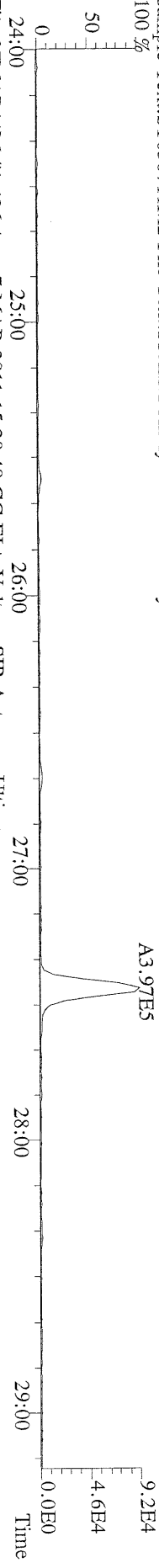
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



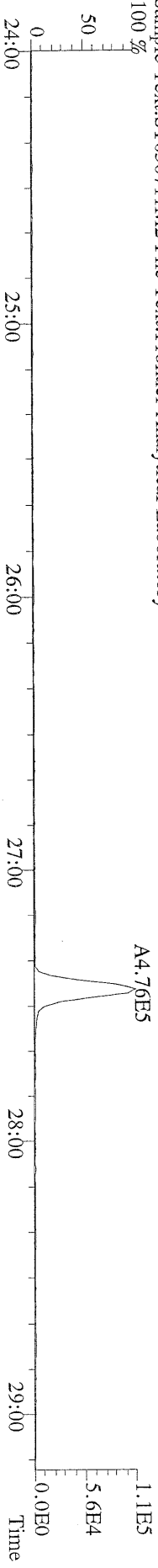
File:07MARI1M #1-347 Acq: 7-MAR-2011 16:35:10 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:6 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M1 File Text:Frontier Analytical Laboratory



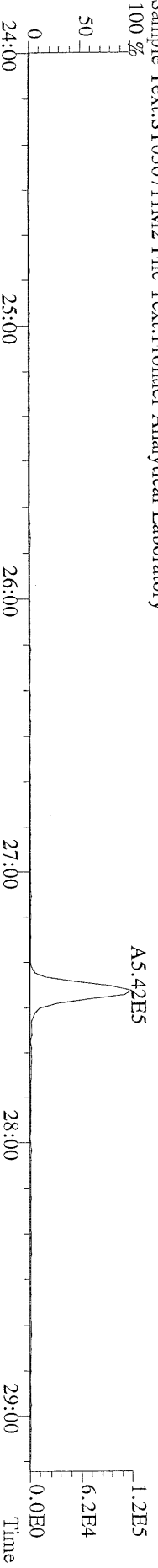
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory
100 %



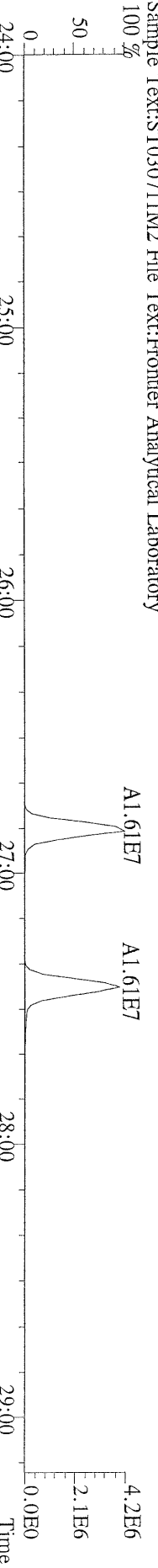
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory
100 %



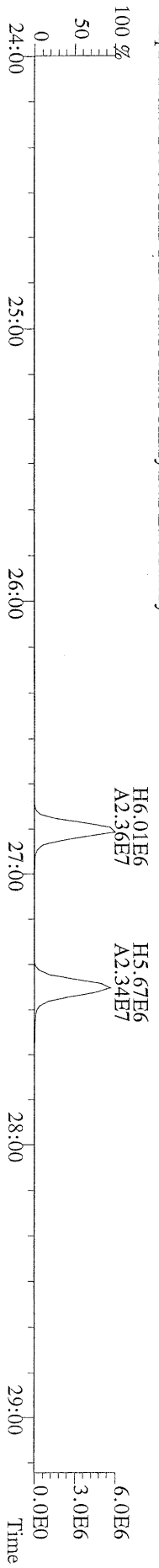
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory
100 %



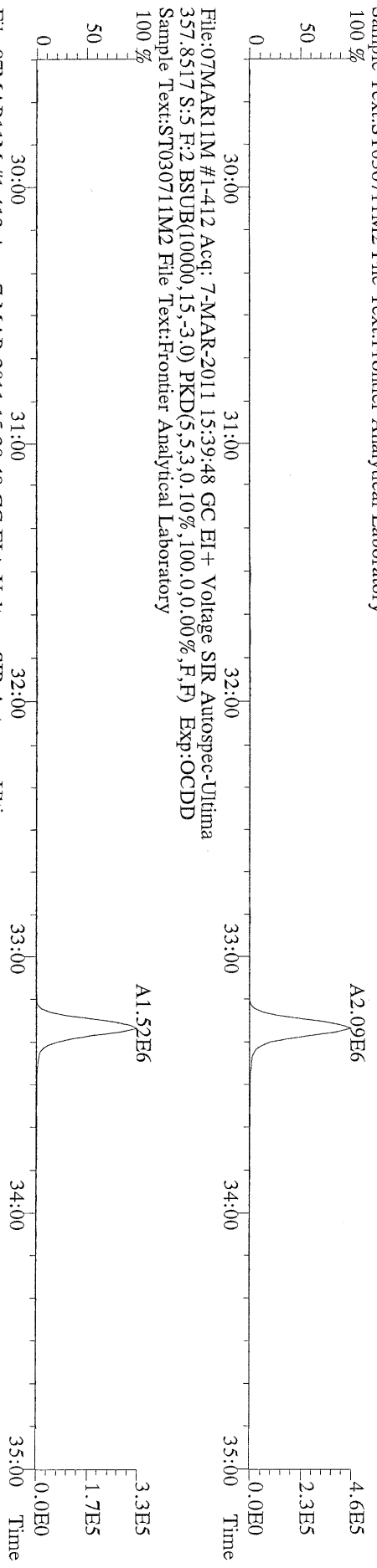
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory
100 %



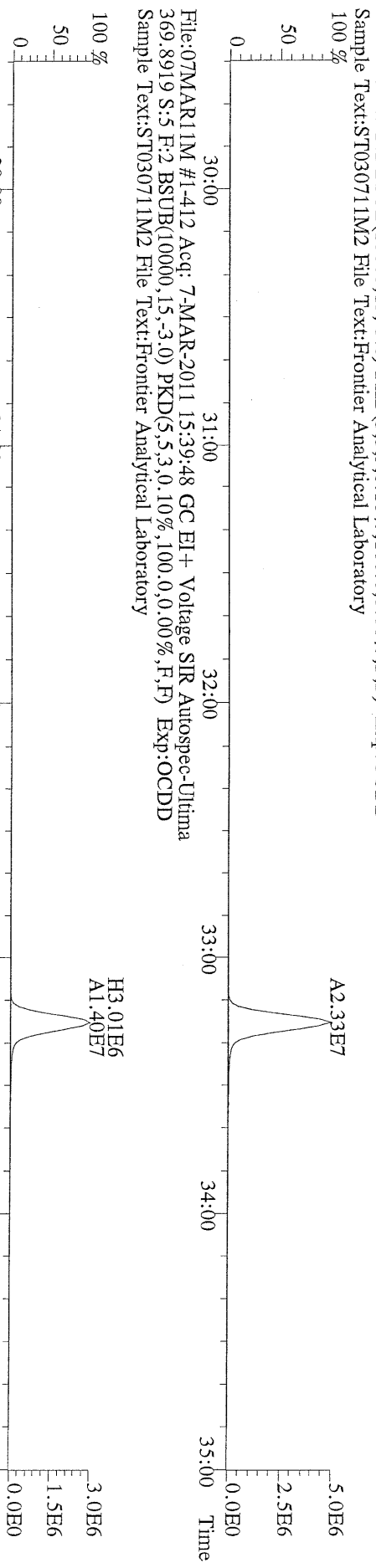
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



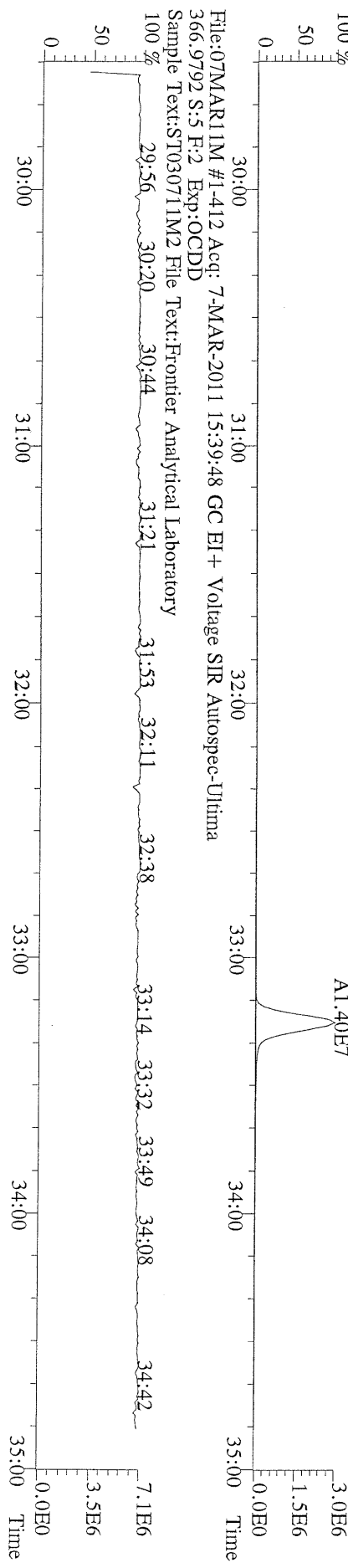
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
355.8546 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
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:ST030711M2 File Text:Frontier Analytical Laboratory

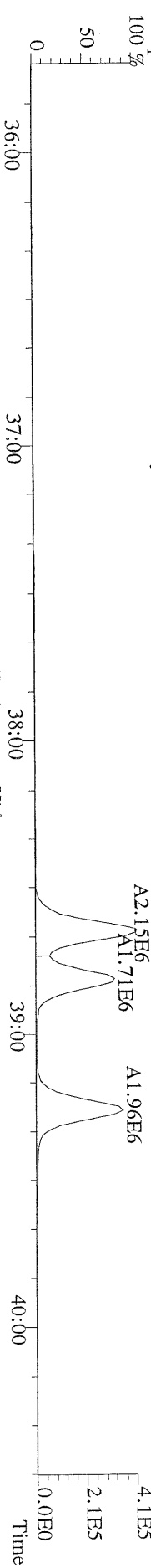


File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
369.8919 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory

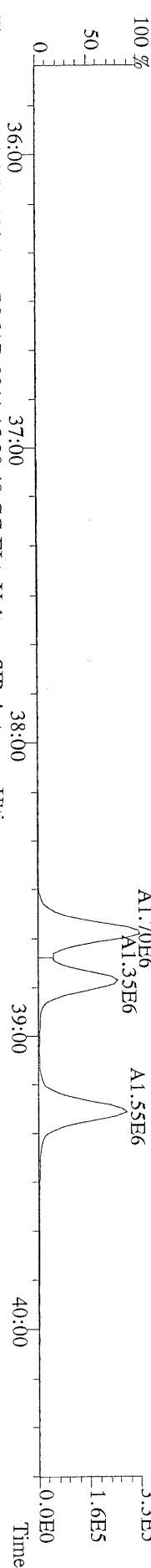


File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
366.9792 S:5 F:2 Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory

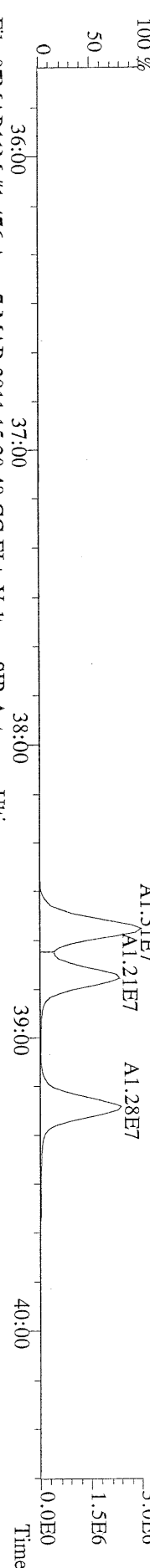
File:07MARI1M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



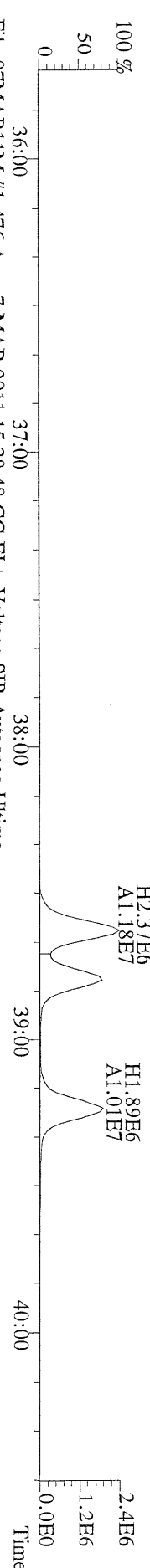
File:07MARI1M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



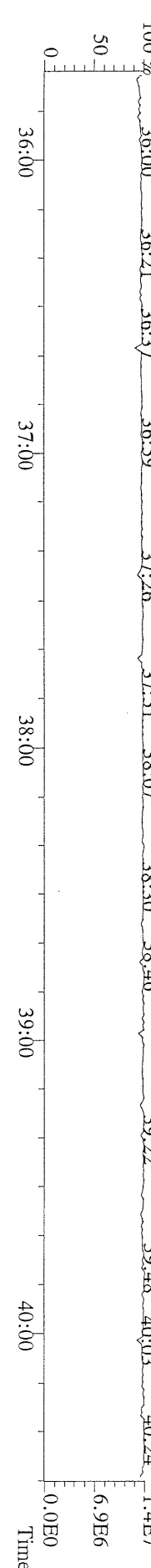
File:07MARI1M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



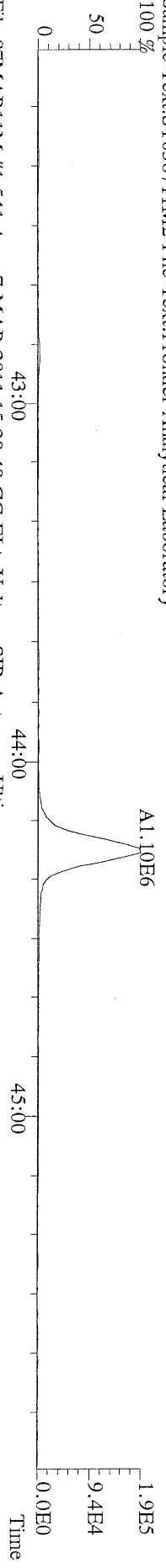
File:07MARI1M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



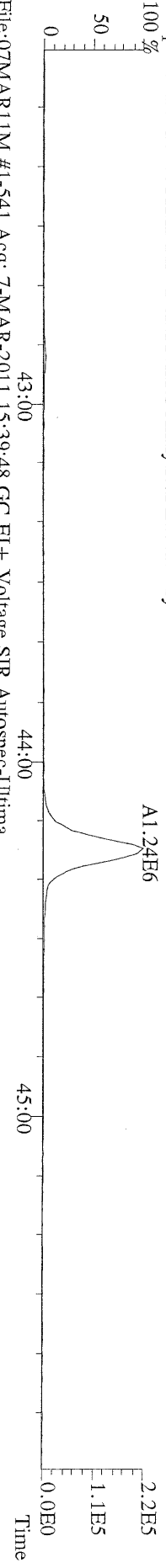
File:07MARI1M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:5 F:3 Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



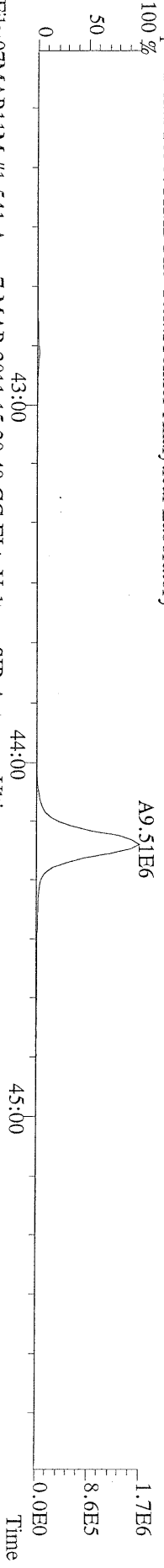
File:07MARI1M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
423.7767 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



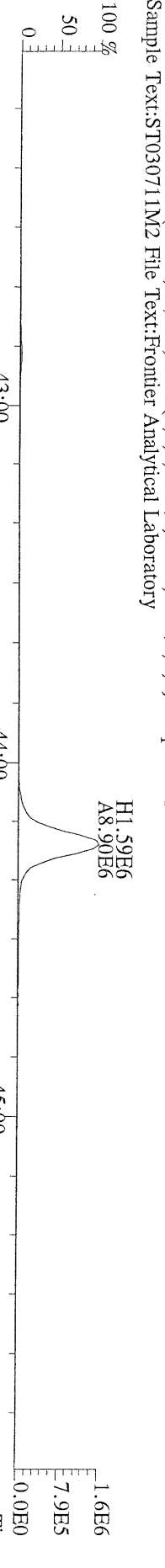
File:07MARI1M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
425.7737 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



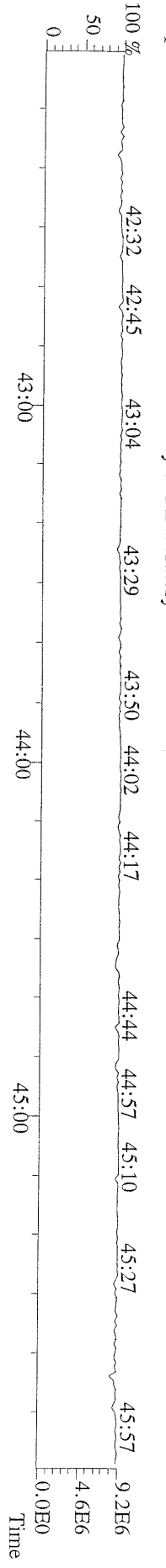
File:07MARI1M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
435.8169 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



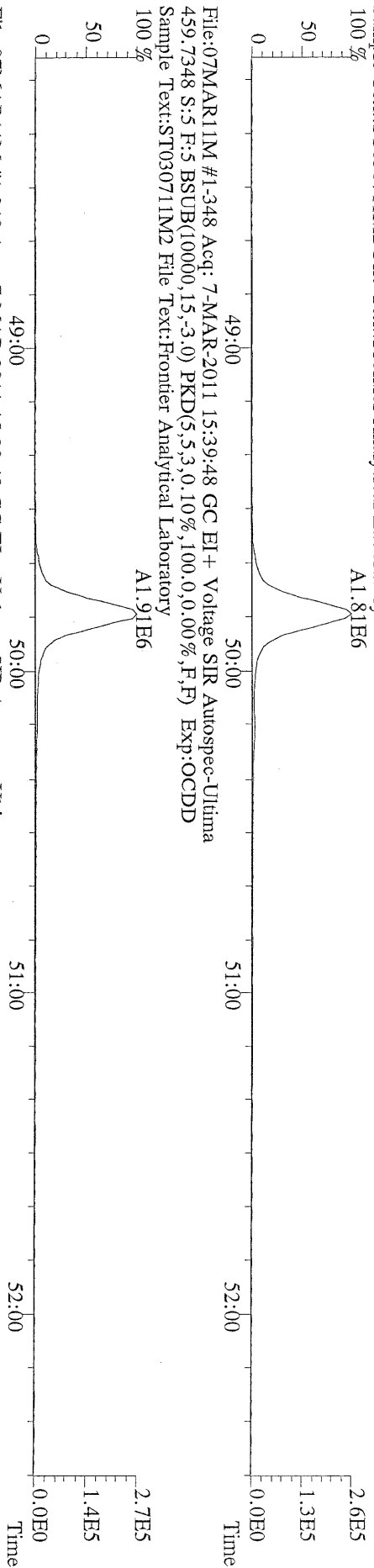
File:07MARI1M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
437.8140 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



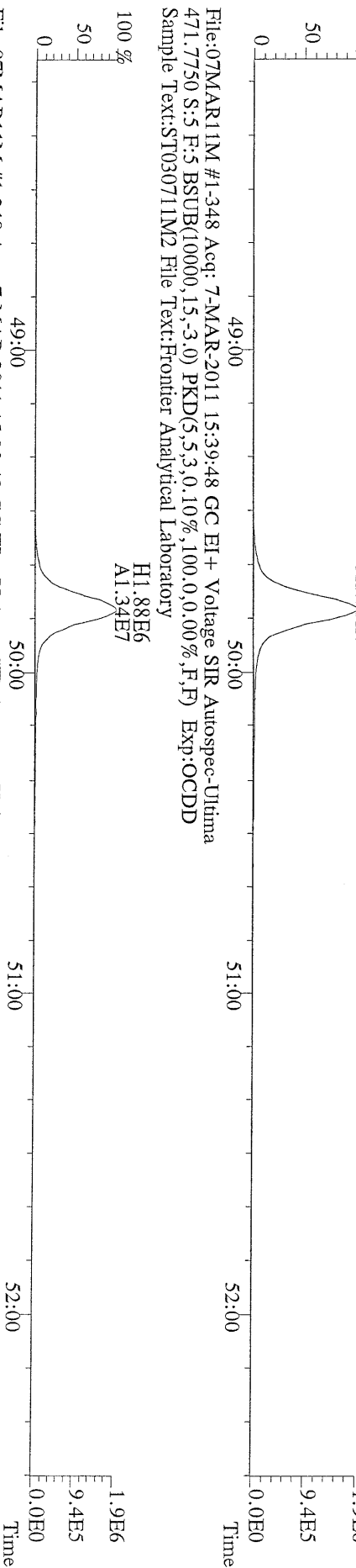
File:07MARI1M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
430.9728 S:5 F:4 Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



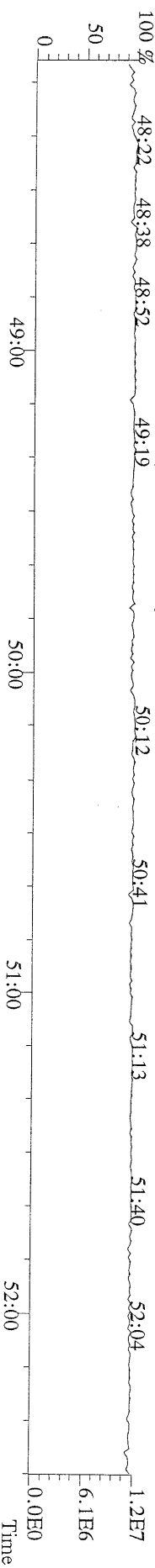
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



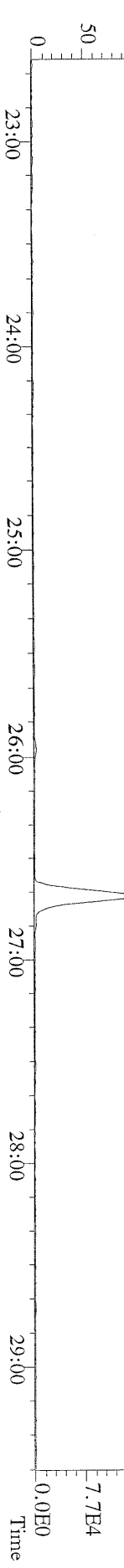
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



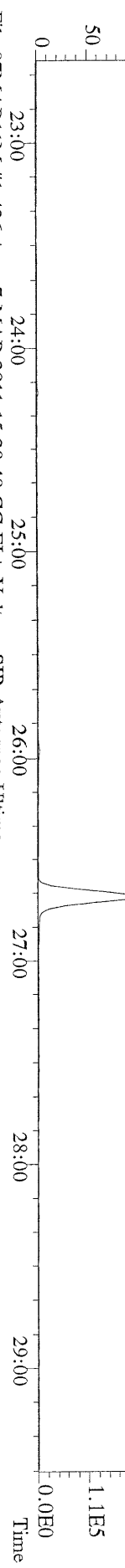
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:5 F:5 Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



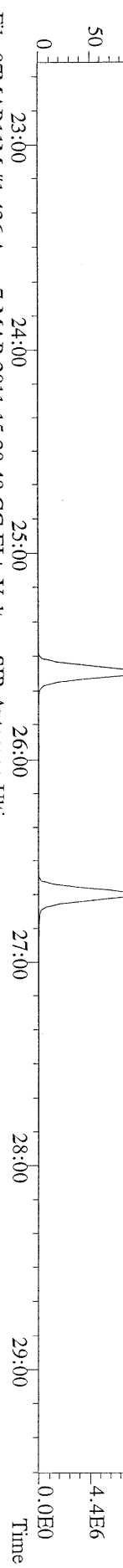
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



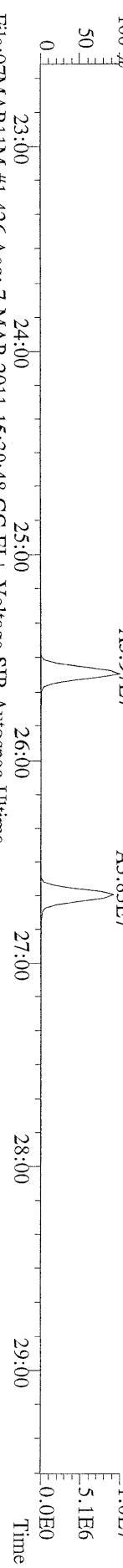
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



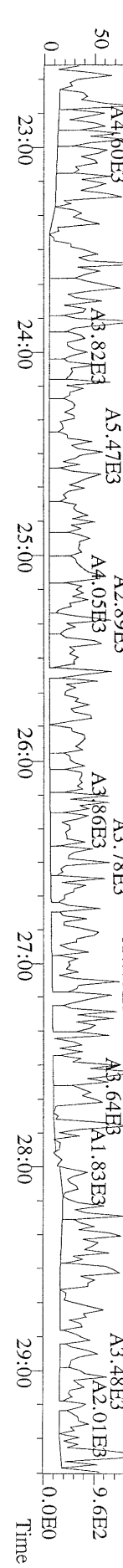
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



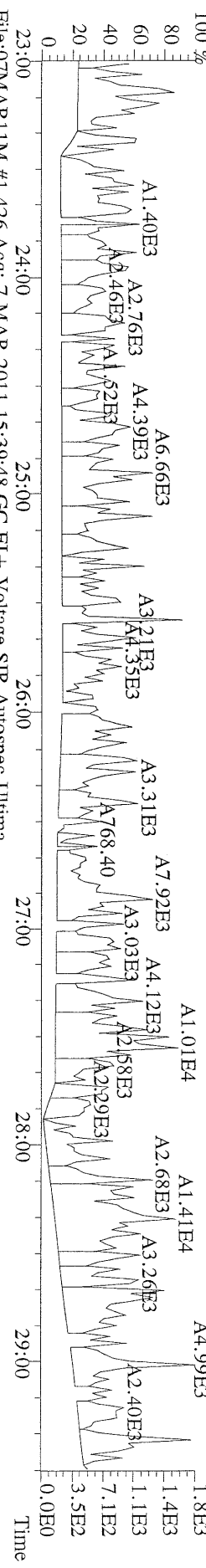
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



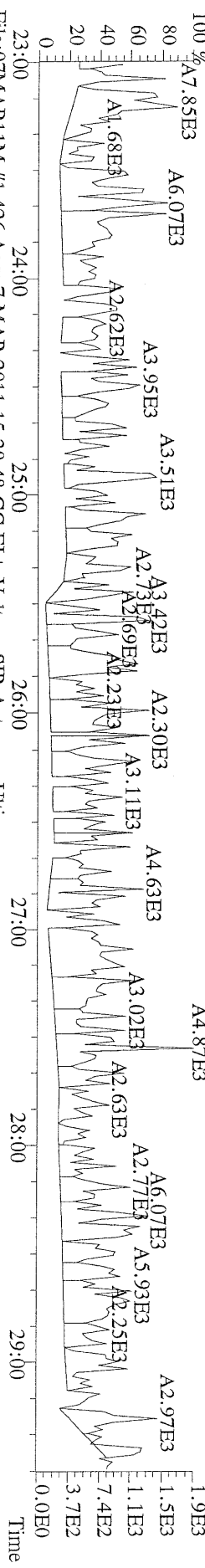
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



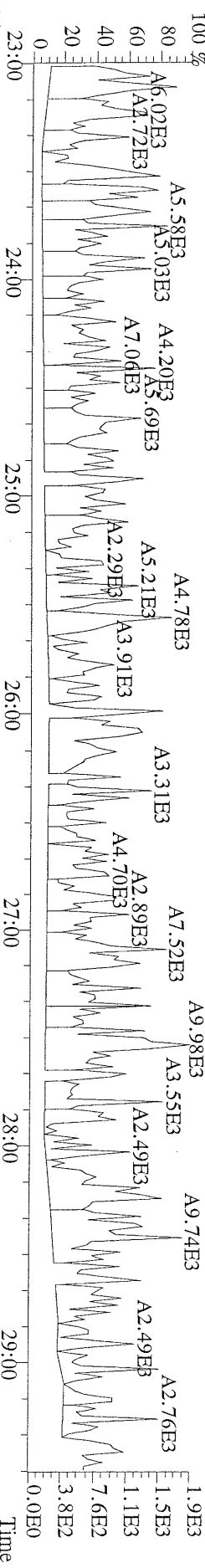
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI + Voltage SIR Autospec-Ultima
 339.8597 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



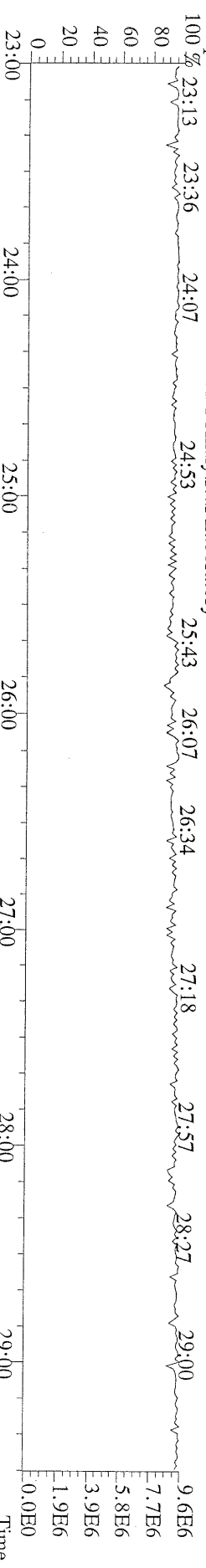
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI + Voltage SIR Autospec-Ultima
 341.8568 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



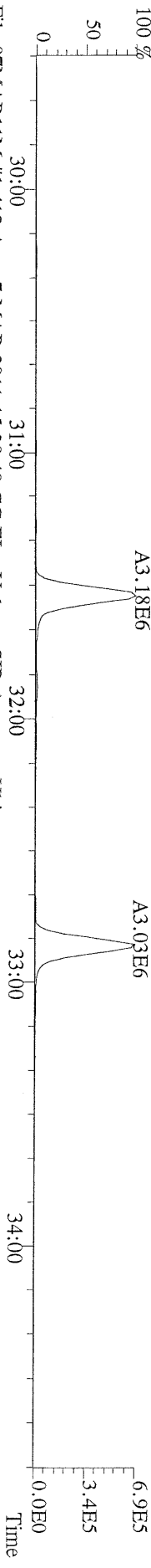
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI + Voltage SIR Autospec-Ultima
 409.7974 S:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



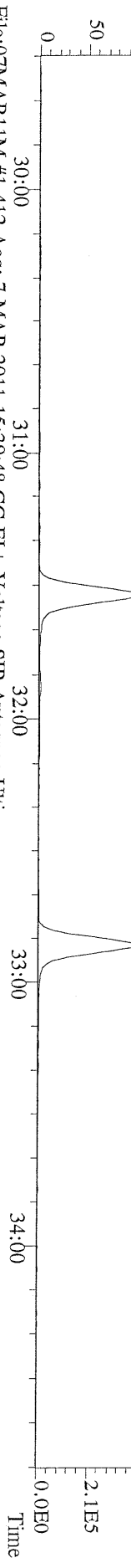
File:07MAR11M #1-426 Acq: 7-MAR-2011 15:39:48 GC EI + Voltage SIR Autospec-Ultima
 316.9824 S:5 Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



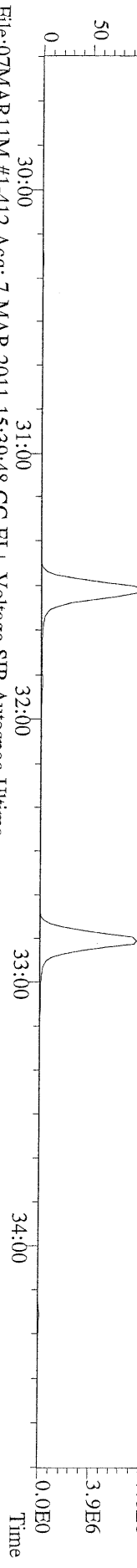
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



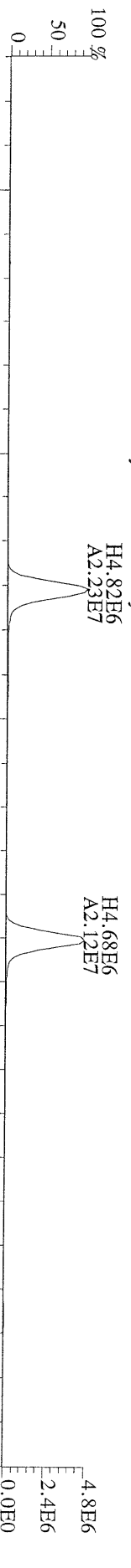
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



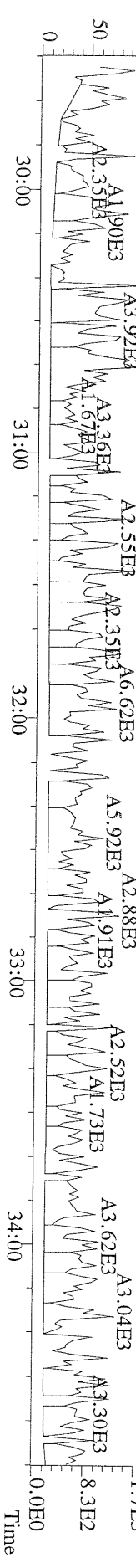
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



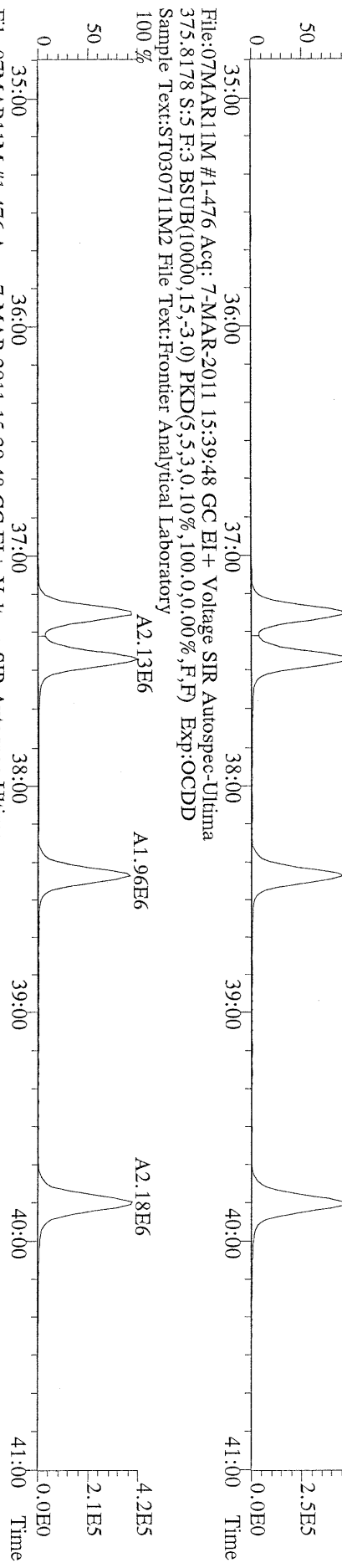
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



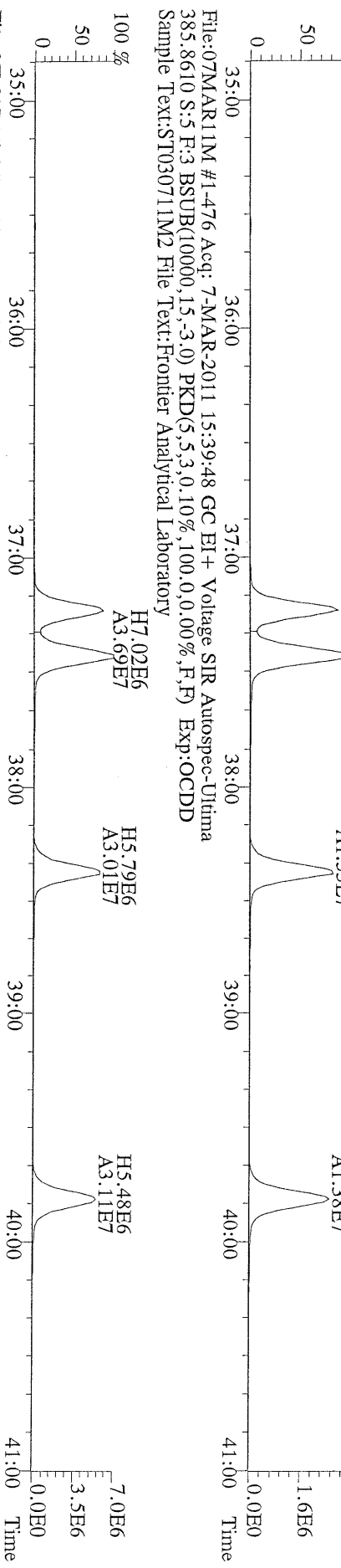
File:07MAR11M #1-412 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:5 F:2 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



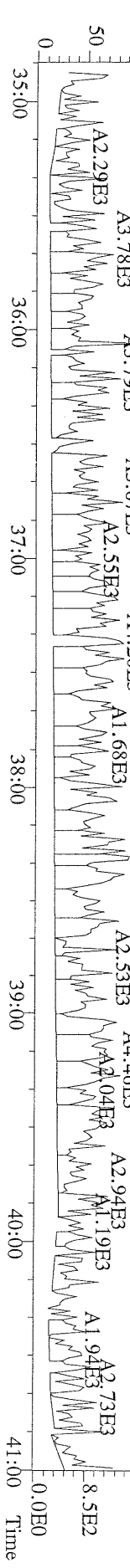
File:07MAR11M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



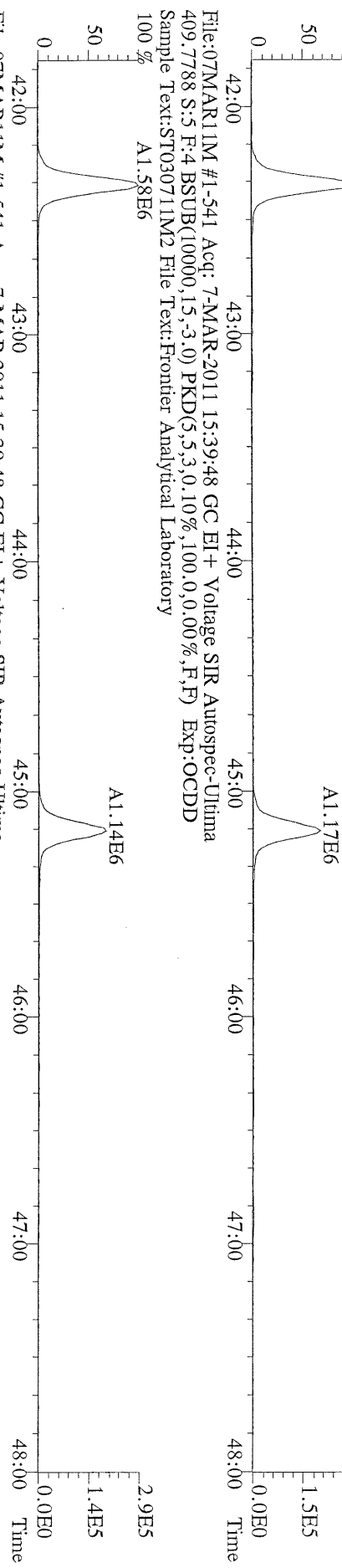
File:07MAR11M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



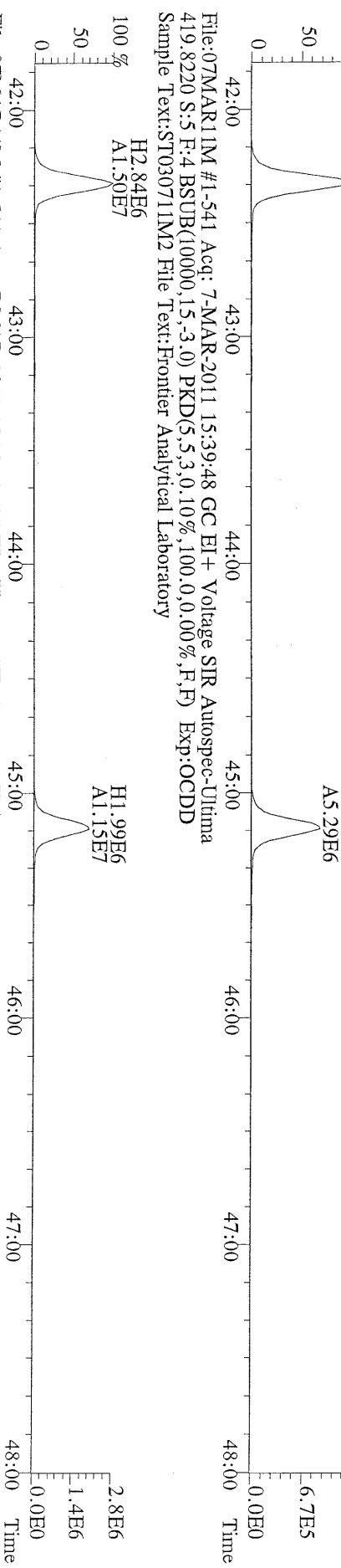
File:07MAR11M #1-476 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:5 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



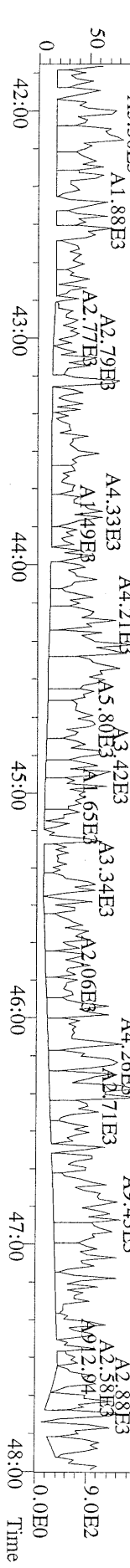
File:07MAR11M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
407.7818 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



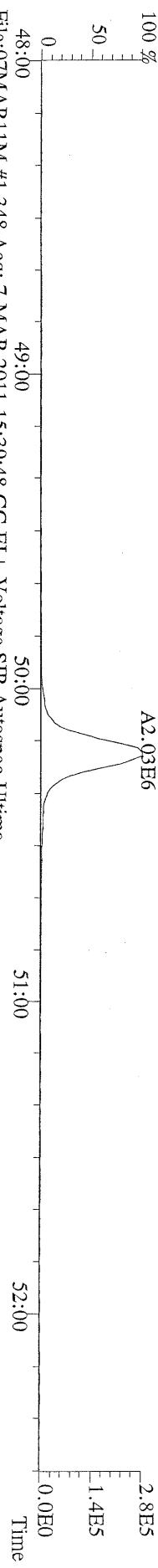
File:07MAR11M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
417.8253 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



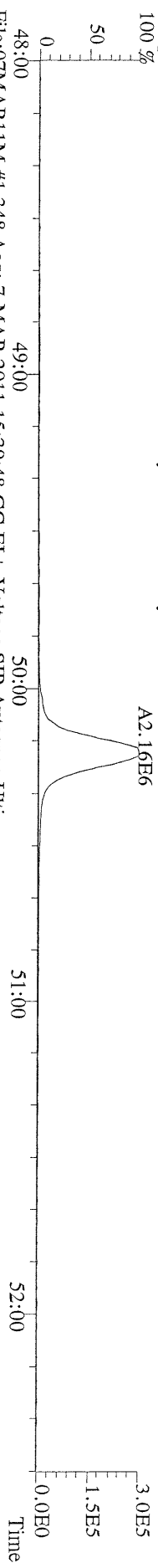
File:07MAR11M #1-541 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Utima
419.8220 S:5 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



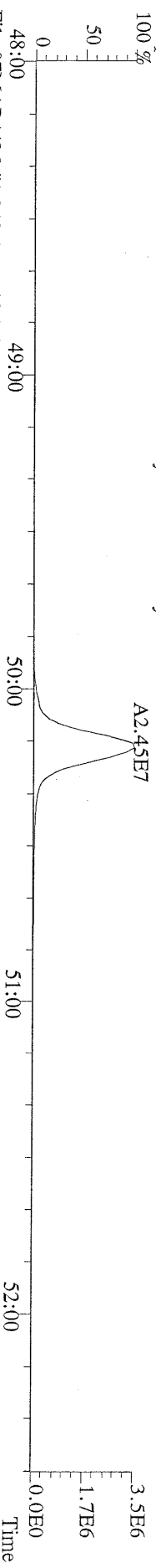
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



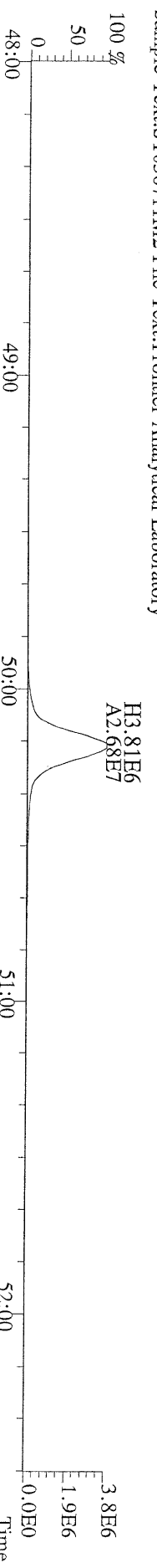
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



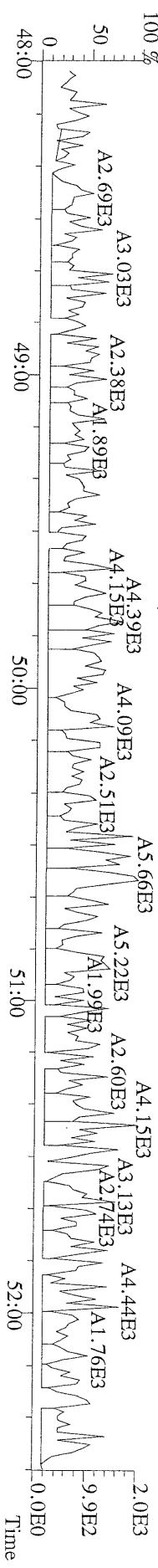
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



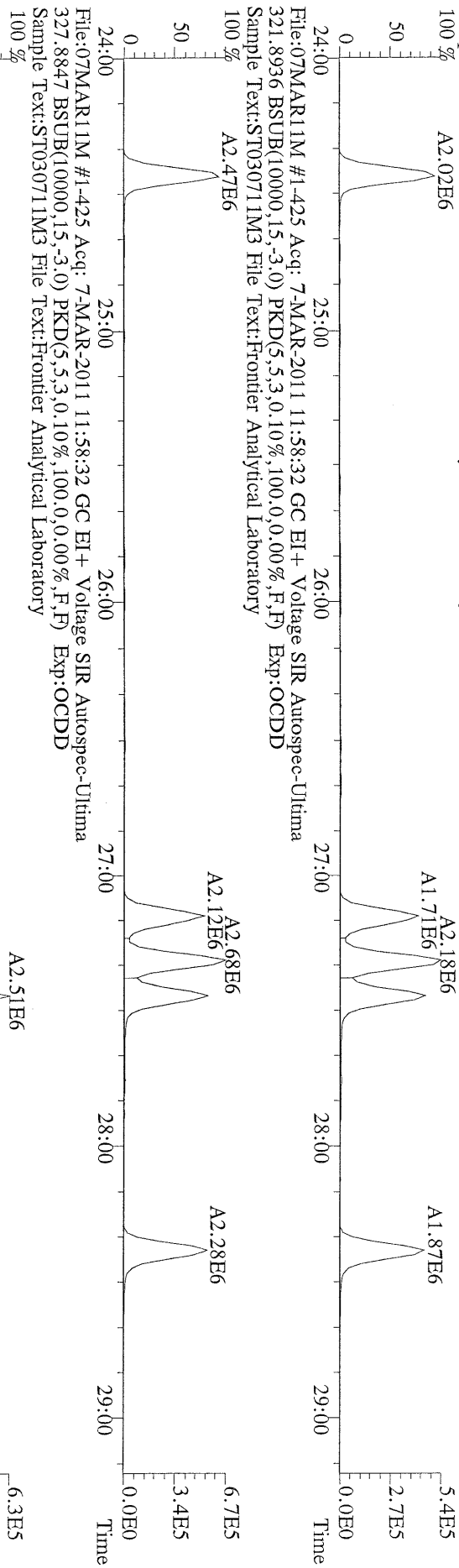
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



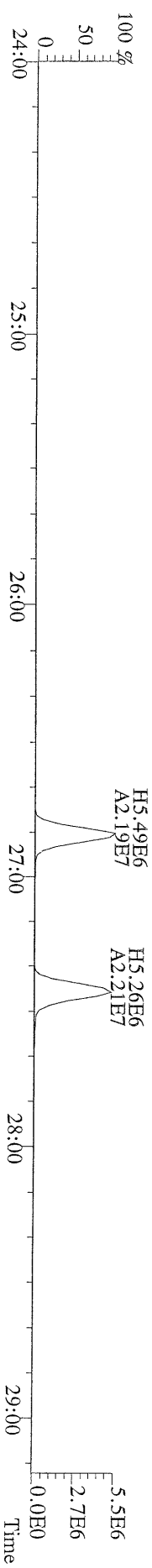
File:07MAR11M #1-348 Acq: 7-MAR-2011 15:39:48 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:5 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M2 File Text:Frontier Analytical Laboratory



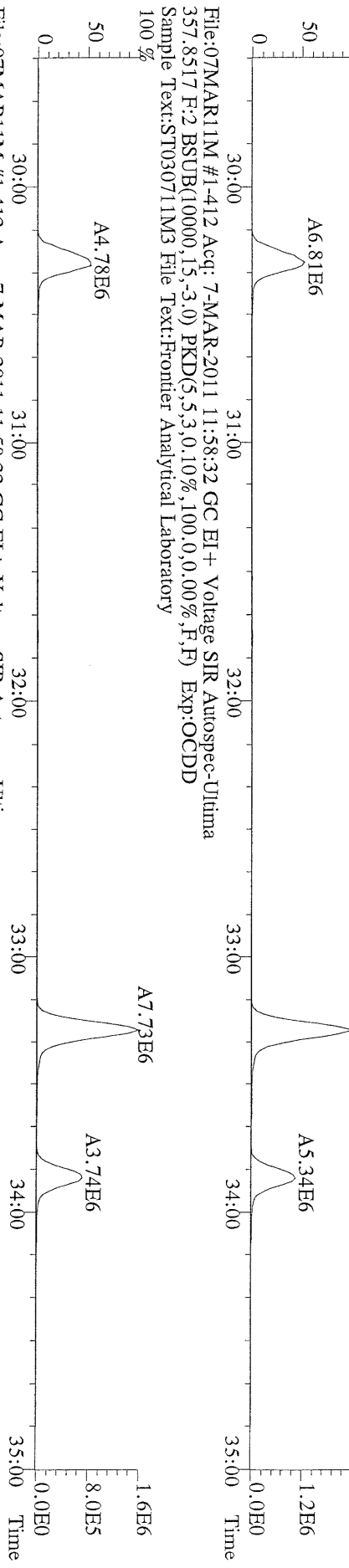
File:07MARI1M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
319.8965 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %



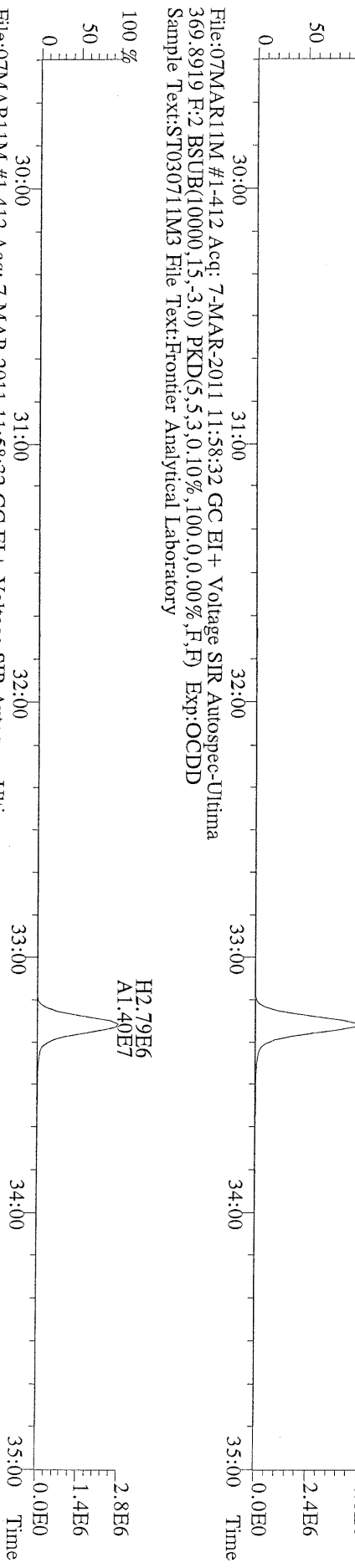
File:07MARI1M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
321.8936 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %



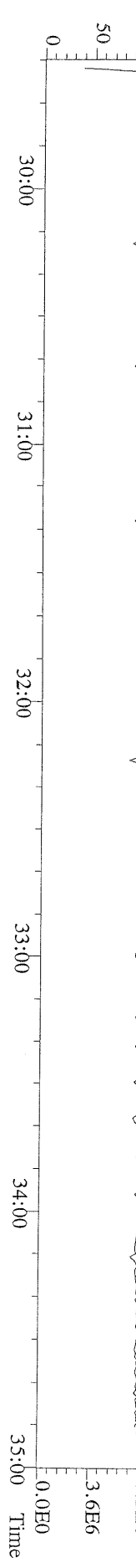
File:07TMARI1M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
355.8546 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



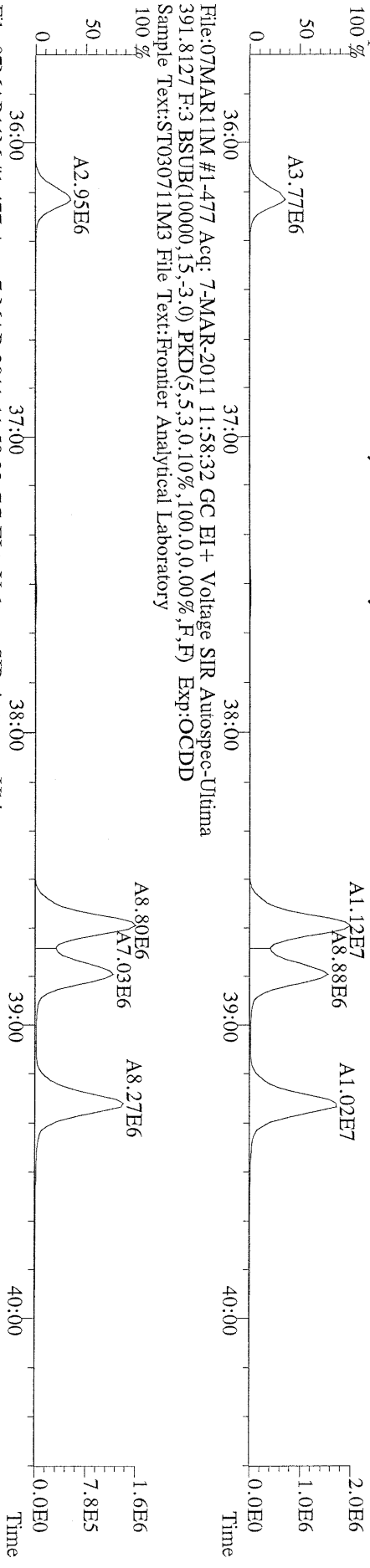
File:07TMARI1M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
367.8949 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



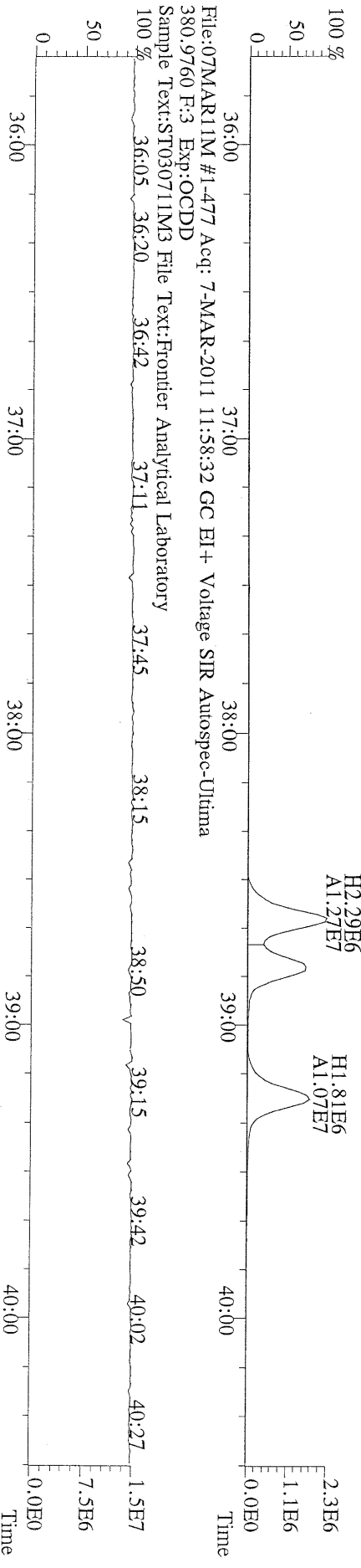
File:07TMARI1M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
366.9792 F:2 Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



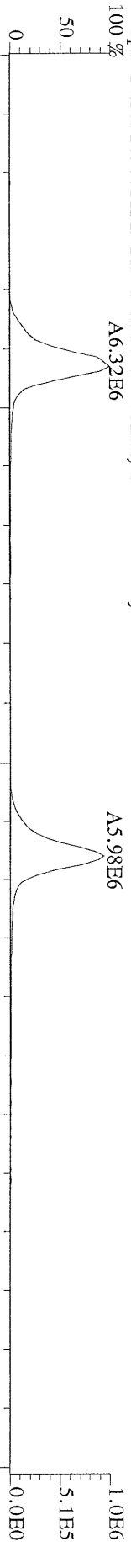
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Utima
389.8156 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



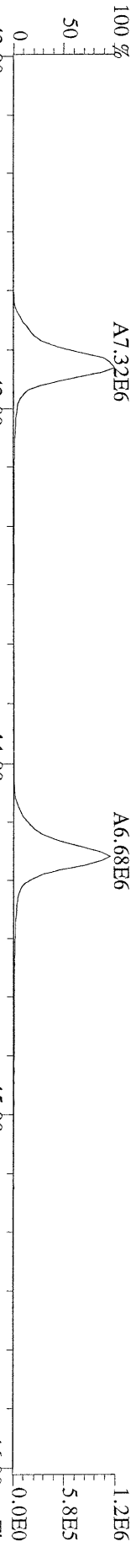
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Utima
401.8559 F:3 BSUB(10000,15,-3,0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



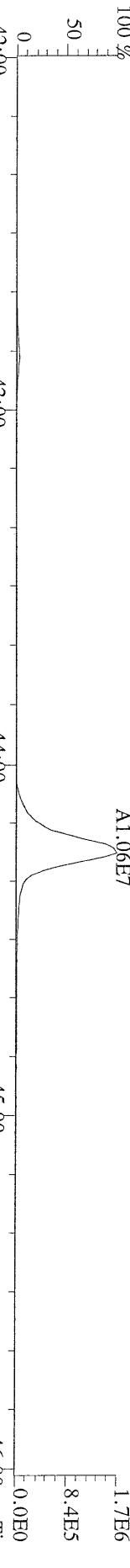
File:07MARI1M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
423.7767 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



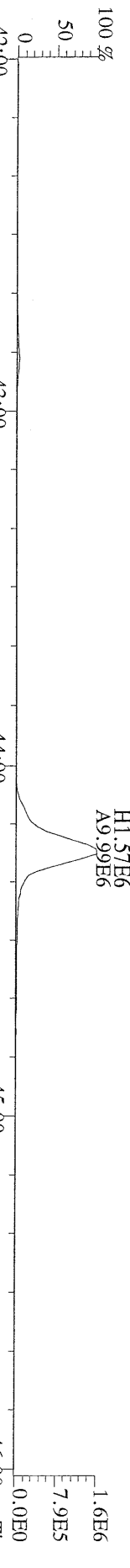
File:07MARI1M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
425.7737 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



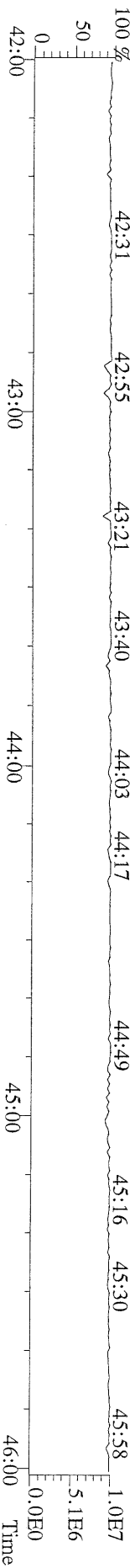
File:07MARI1M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
435.8169 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



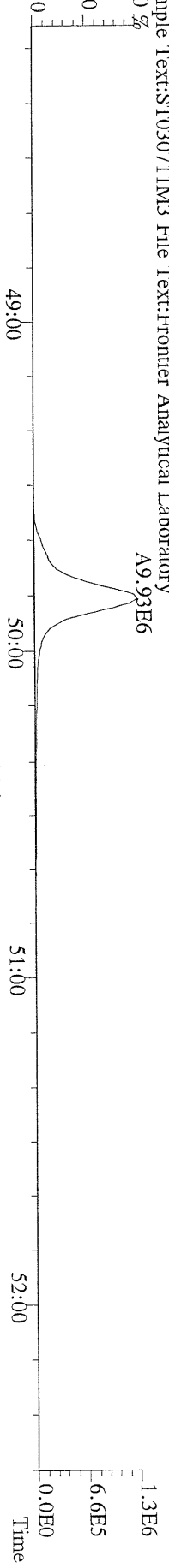
File:07MARI1M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
437.8140 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



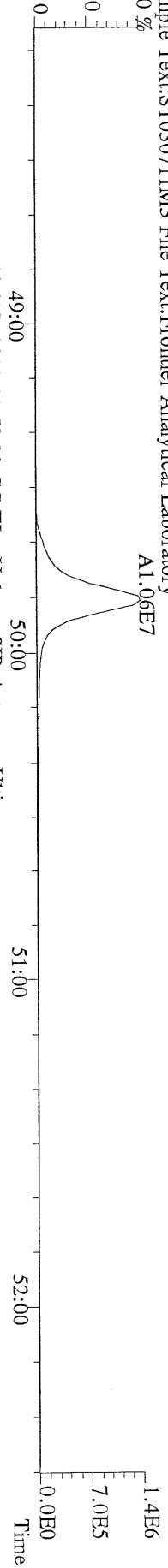
File:07MARI1M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
430.9728 F:4 Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



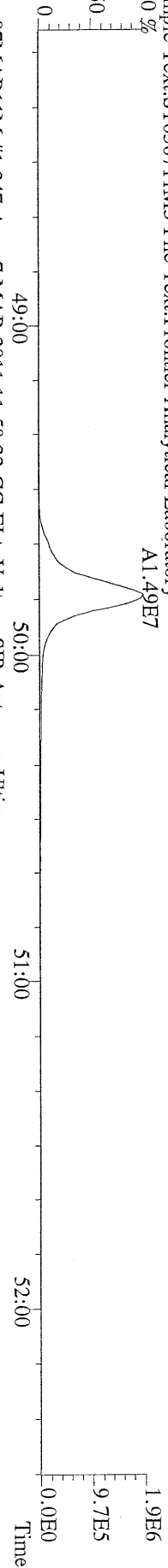
File:07MAR11M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
457.7377 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %
A9.93E6



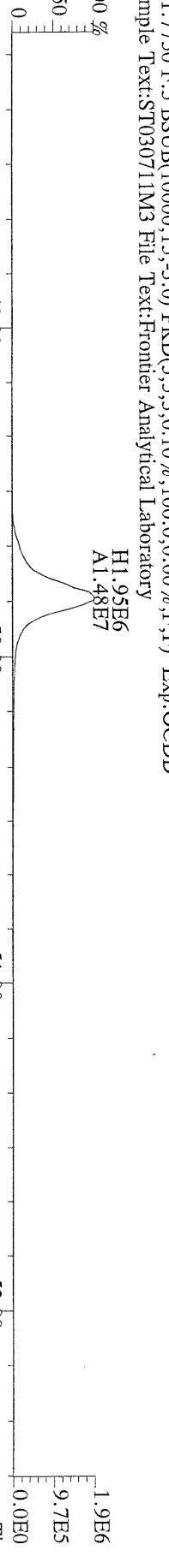
File:07MAR11M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
459.7348 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %
A1.06E7



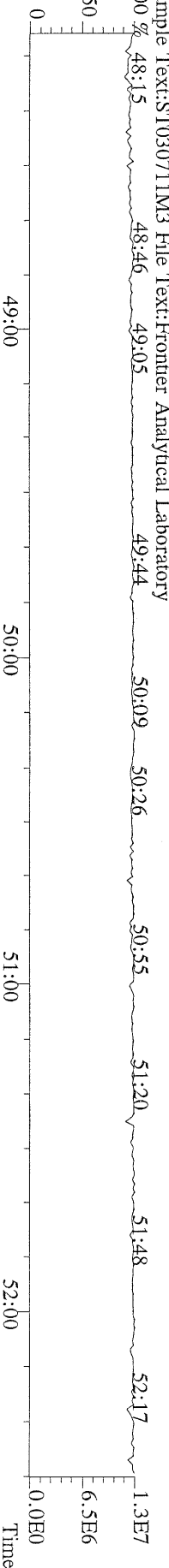
File:07MAR11M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
469.7780 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %
A1.49E7



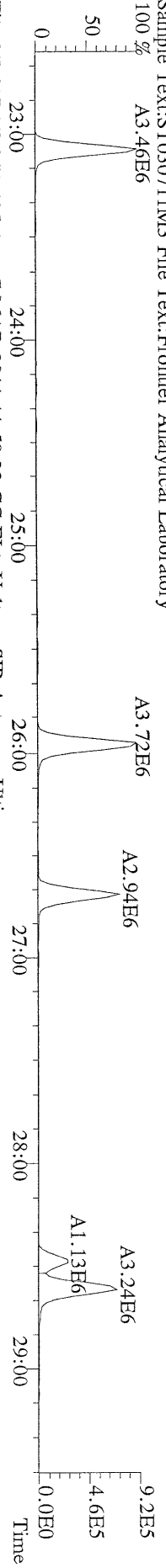
File:07MAR11M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
471.7750 F:5 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



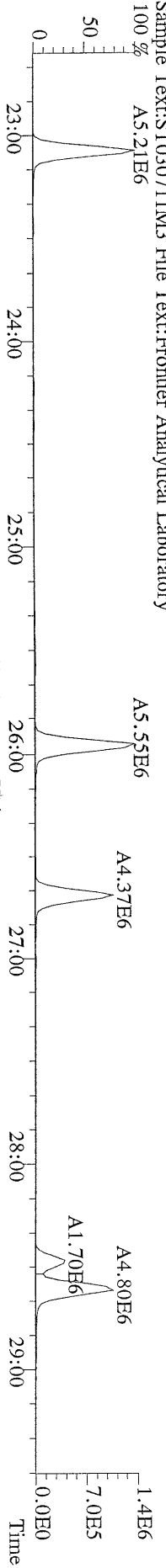
File:07MAR11M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
454.9728 F:5 Exp:OCDD
Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory
100 %
48:15 48:46 49:05 49:44 50:09 50:26 50:55 51:20 51:48 52:17



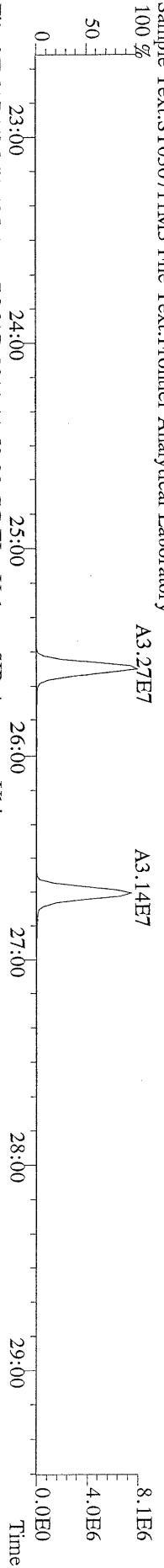
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



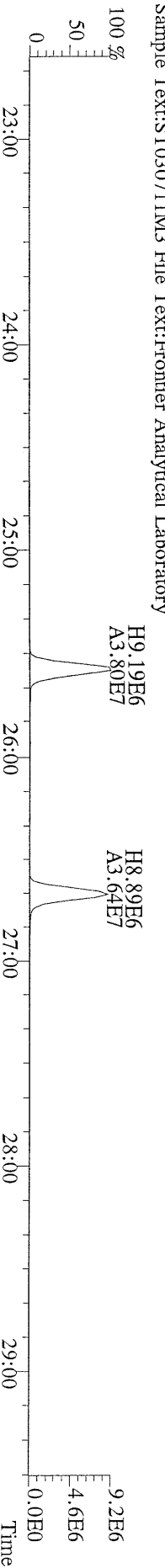
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



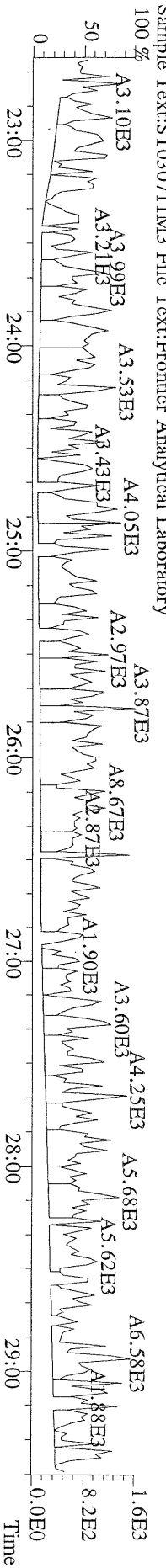
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



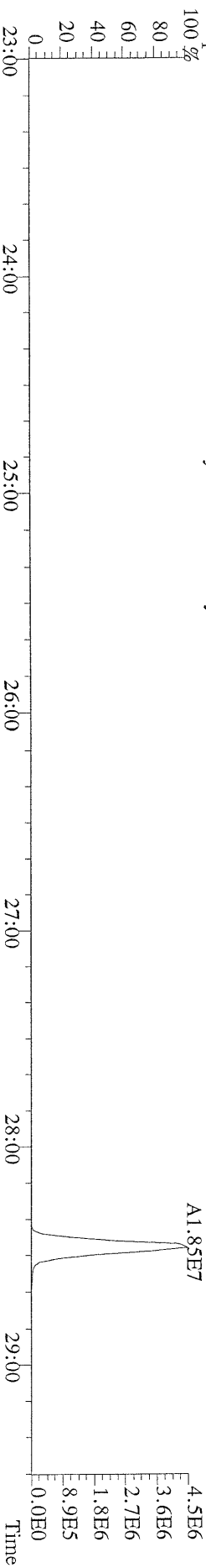
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



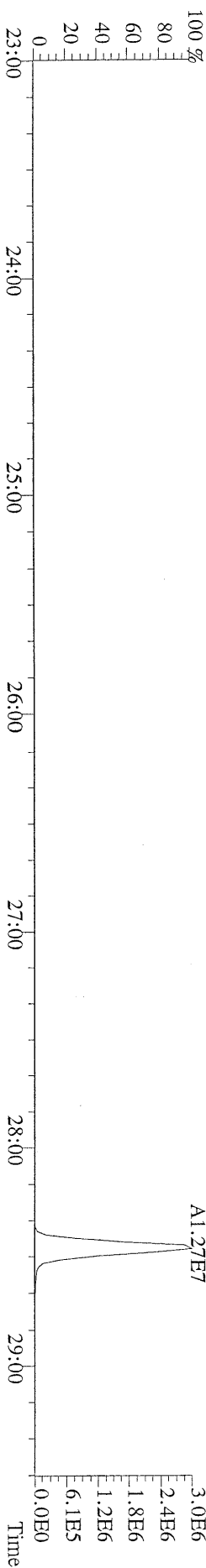
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



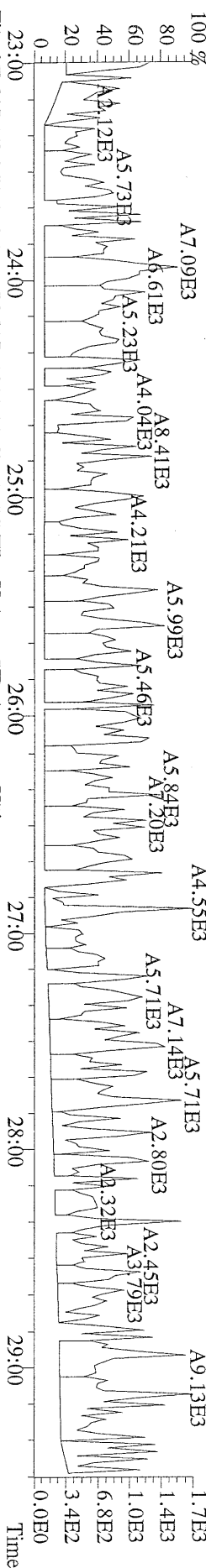
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



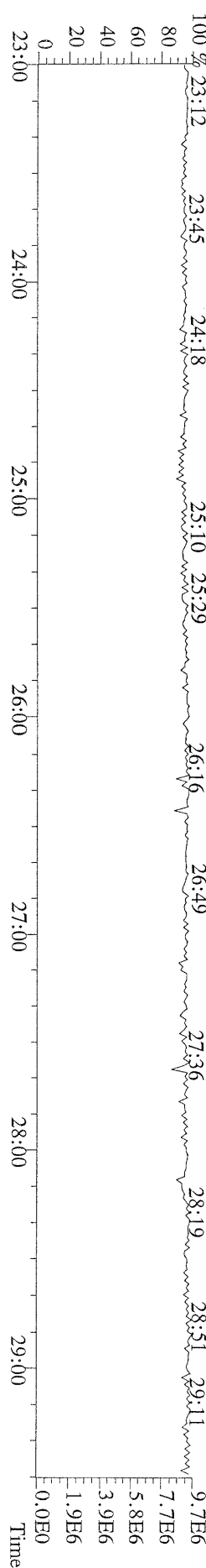
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



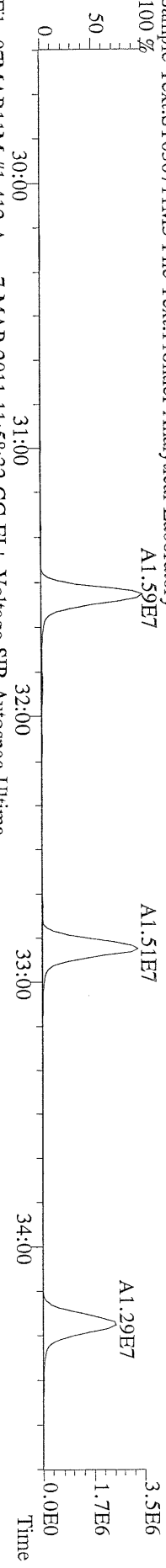
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



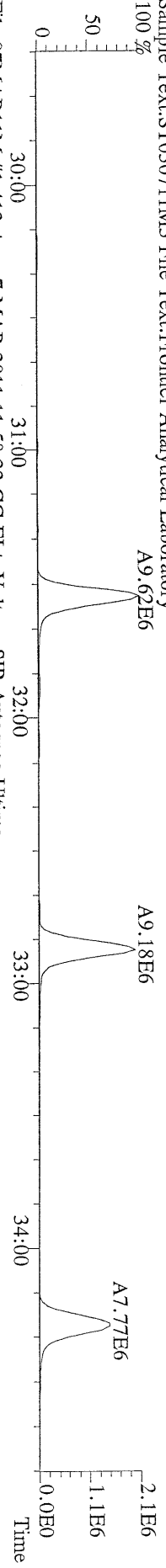
File:07MAR11M #1-425 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 316.9824 Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



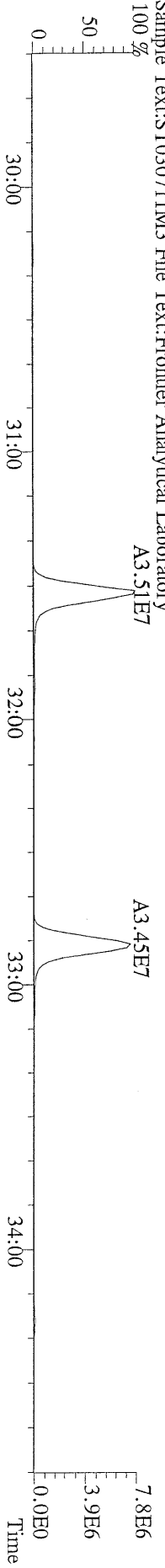
File:07MAR11M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



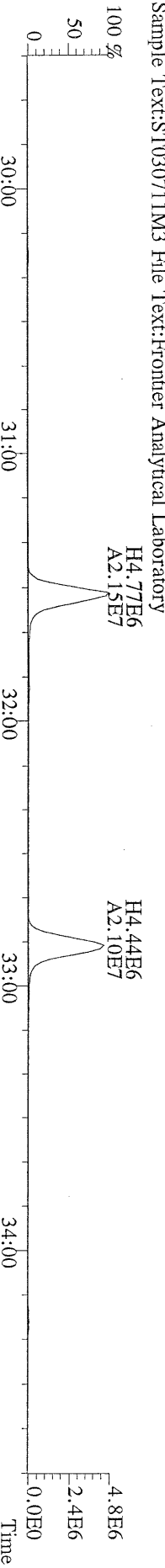
File:07MAR11M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



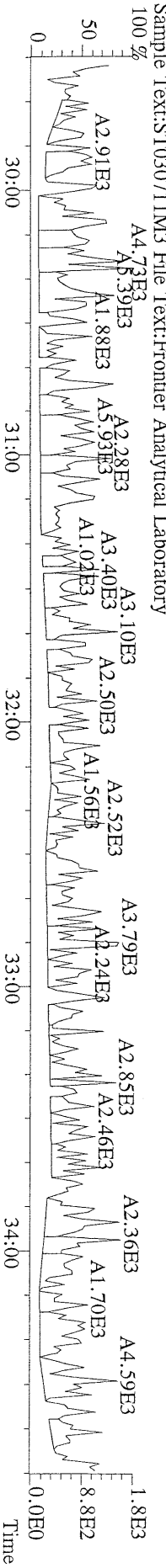
File:07MAR11M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



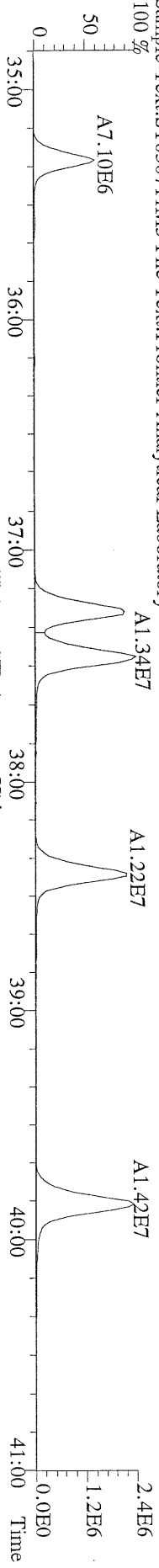
File:07MAR11M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



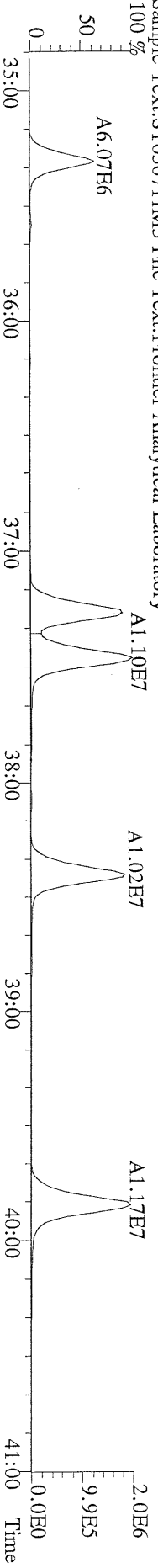
File:07MAR11M #1-412 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



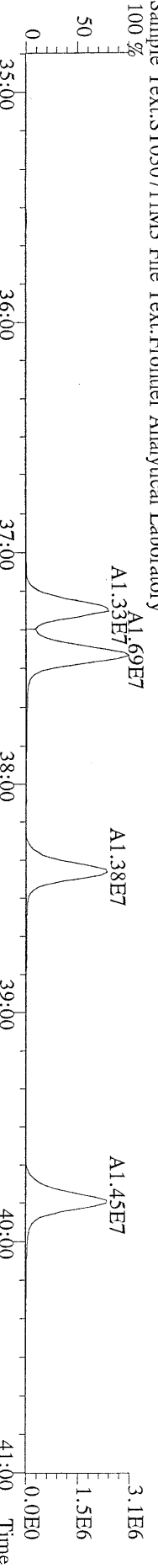
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 373.8207 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



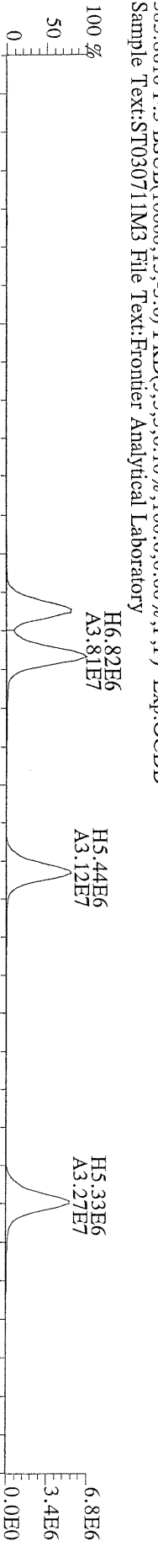
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 375.8178 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



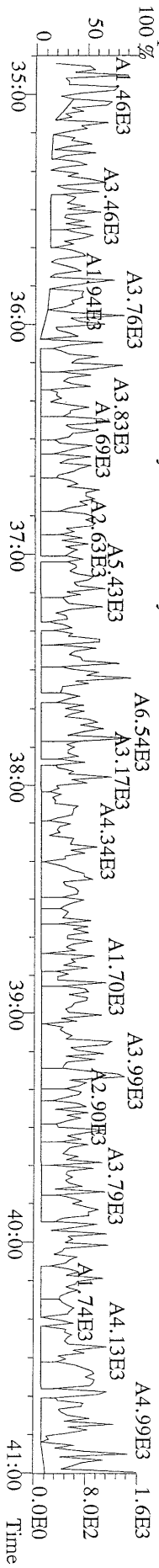
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 383.8639 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



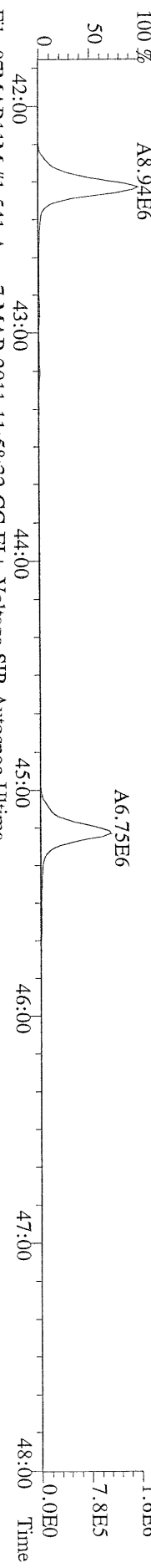
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 385.8610 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



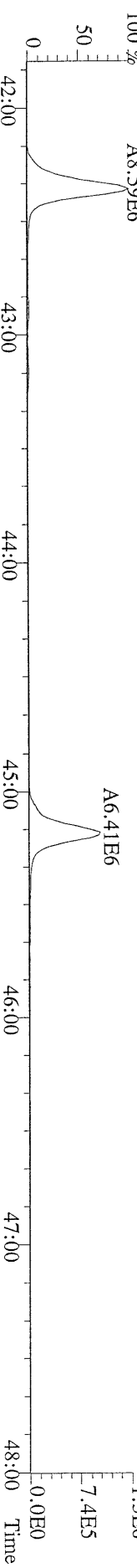
File:07MAR11M #1-477 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 445.7555 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



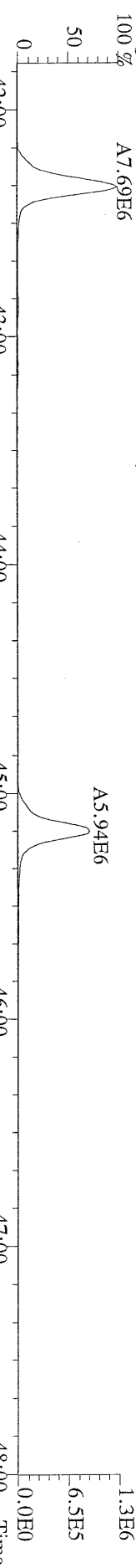
File:07MAR11M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 407.7818 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



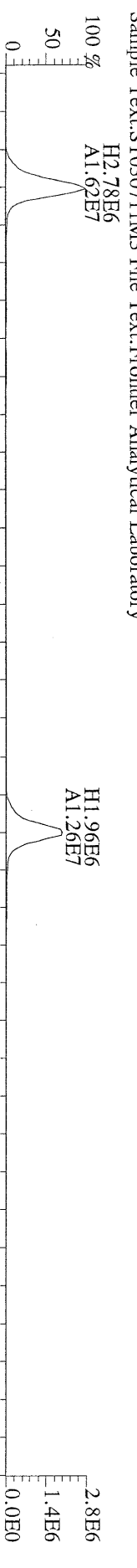
File:07MAR11M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 409.7788 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



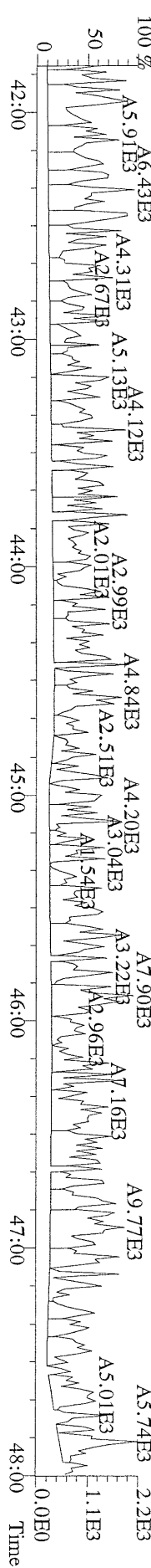
File:07MAR11M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 417.8253 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



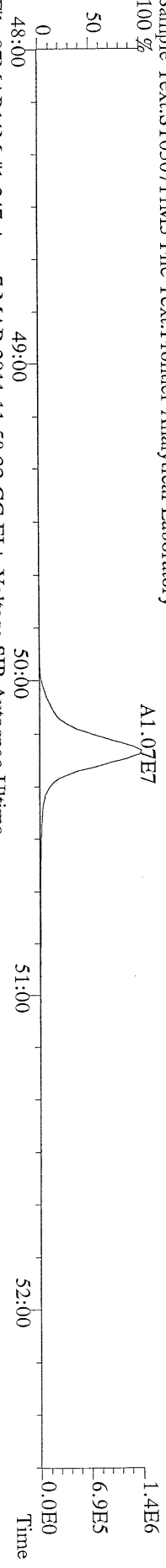
File:07MAR11M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 419.8220 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



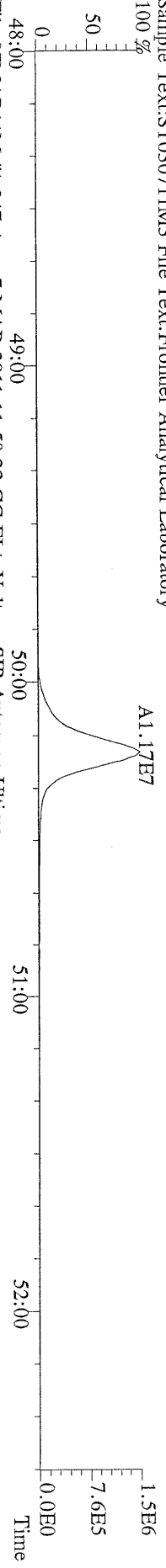
File:07MAR11M #1-541 Acq: 7-MAR-2011 11:58:32 GC EI + Voltage SIR Autospec-Ultima
 479.7165 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



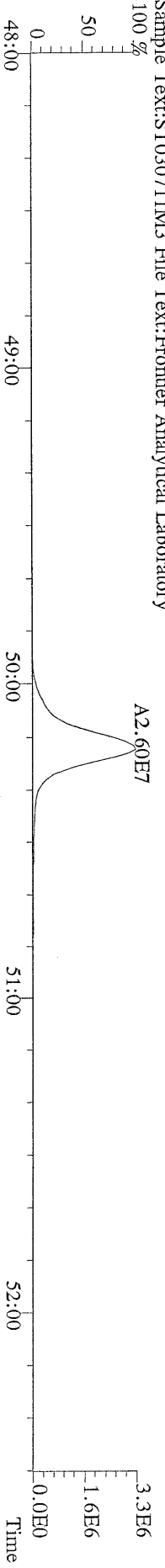
File:07MARI1M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 441.7428 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



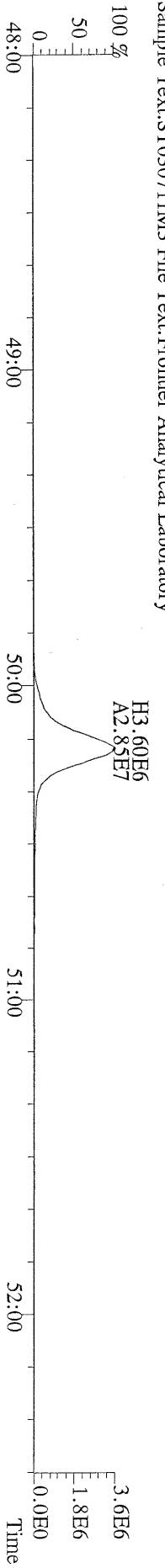
File:07MARI1M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 443.7398 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



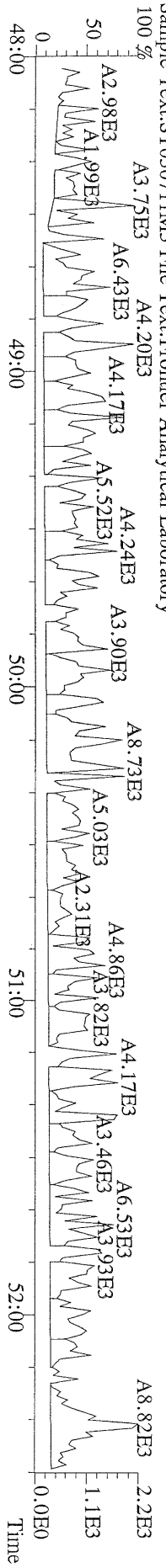
File:07MARI1M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 453.7831 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



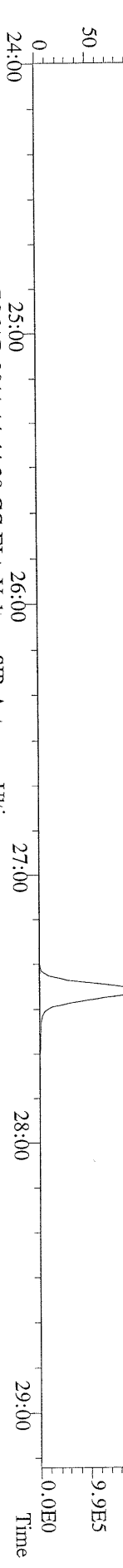
File:07MARI1M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 455.7801 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



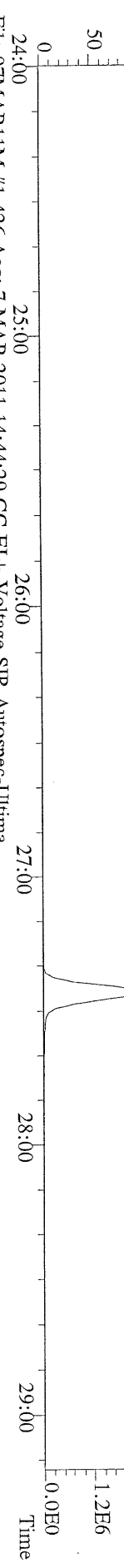
File:07MARI1M #1-347 Acq: 7-MAR-2011 11:58:32 GC EI+ Voltage SIR Autospec-Ultima
 513.6775 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M3 File Text:Frontier Analytical Laboratory



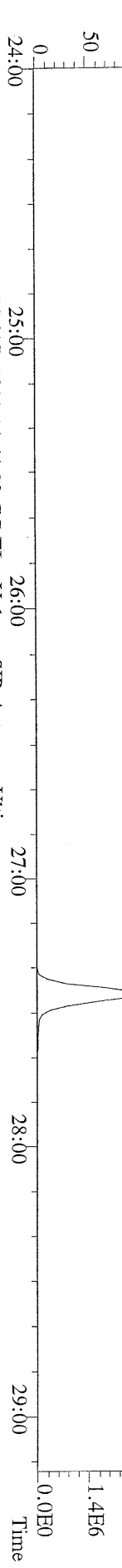
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



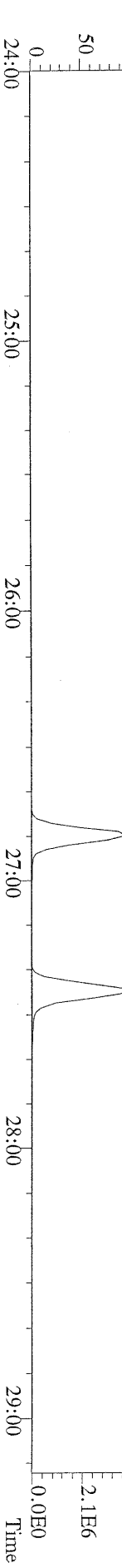
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



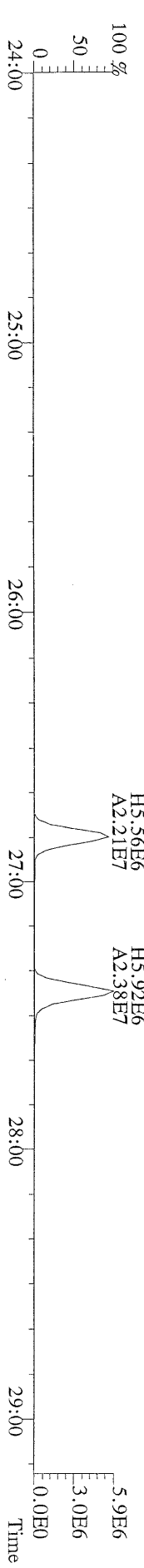
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



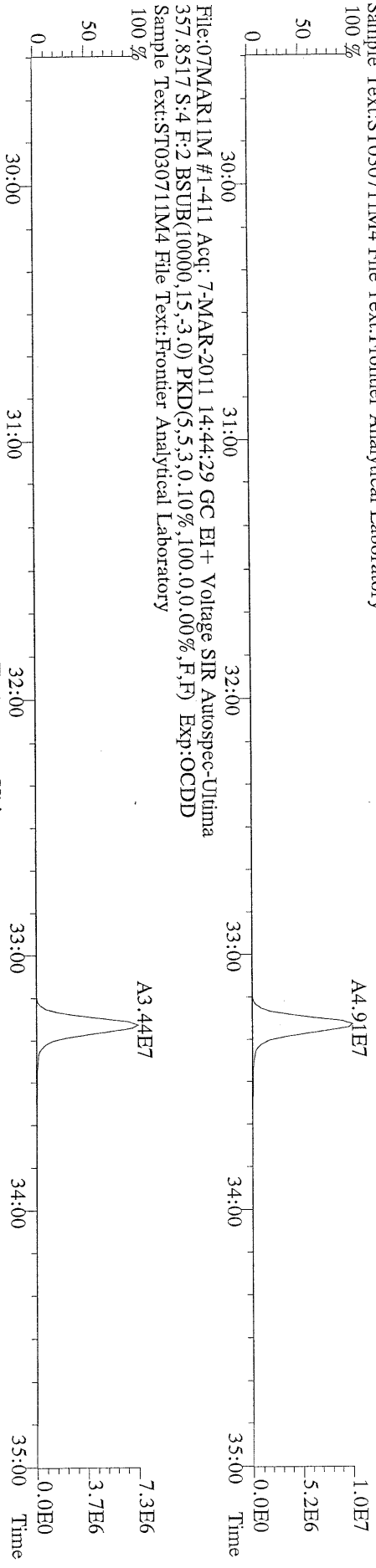
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



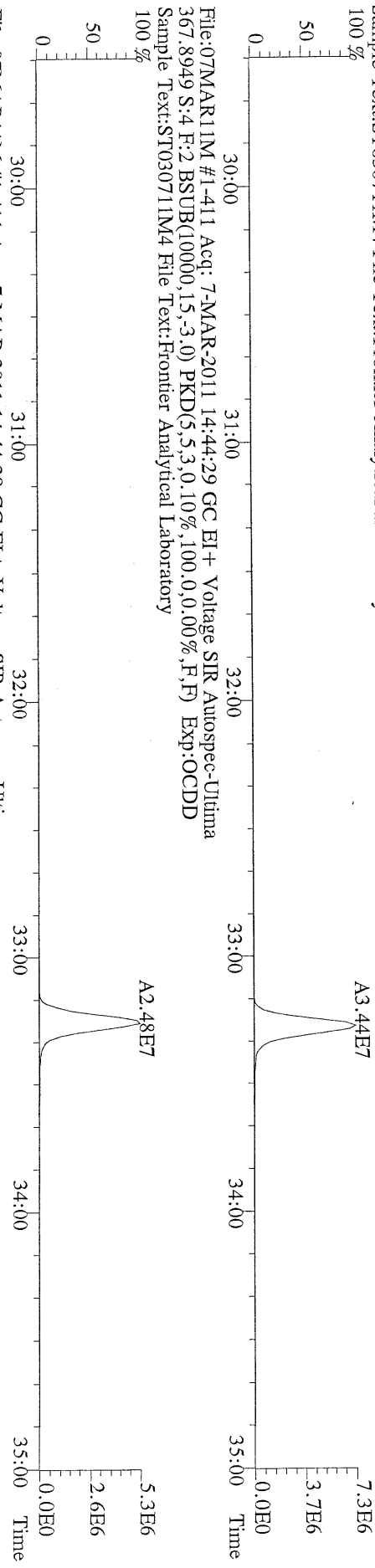
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



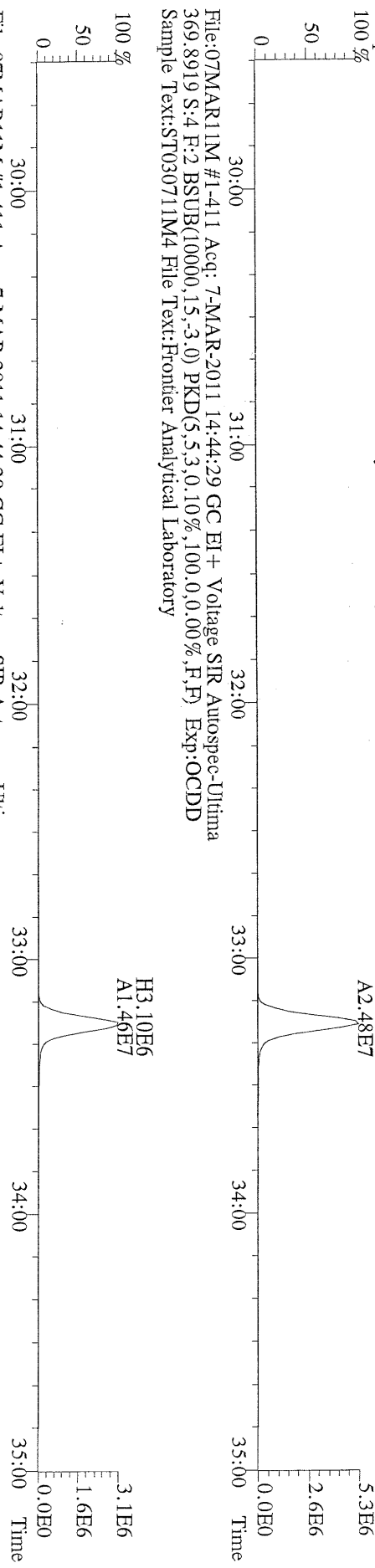
File:07MARI1M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:4 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



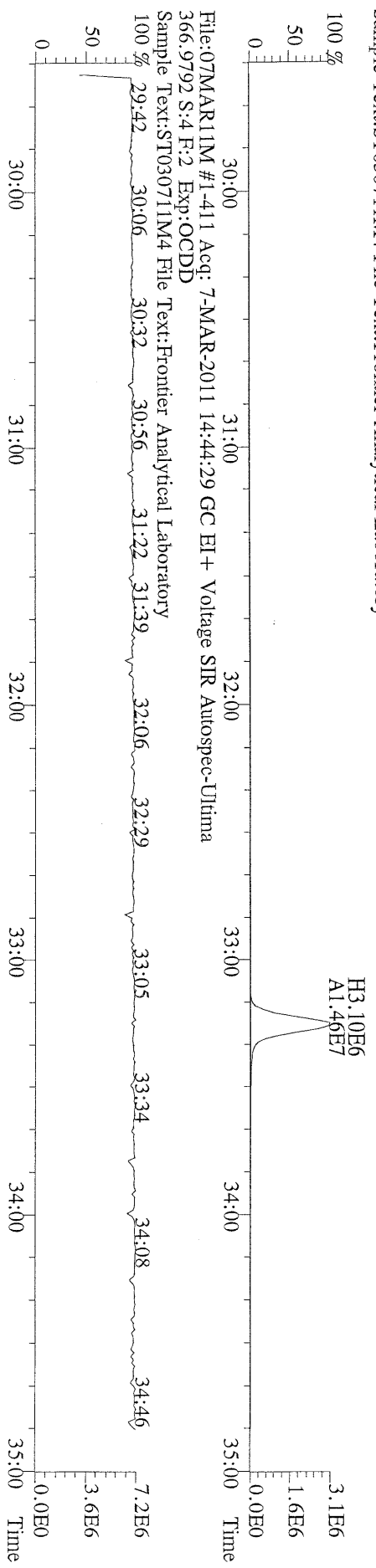
File:07MARI1M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
357.8517 S:4 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



File:07MARI1M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:4 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



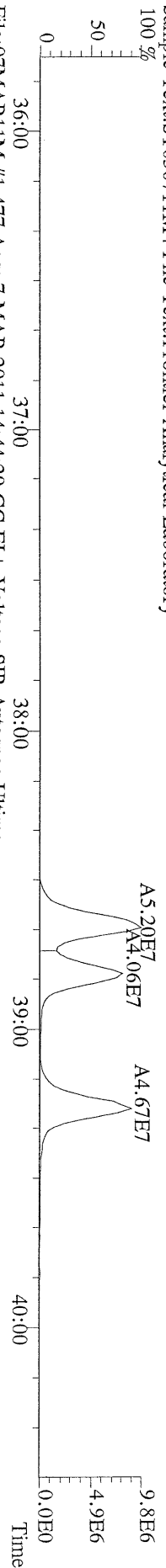
File:07MARI1M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
369.8919 S:4 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



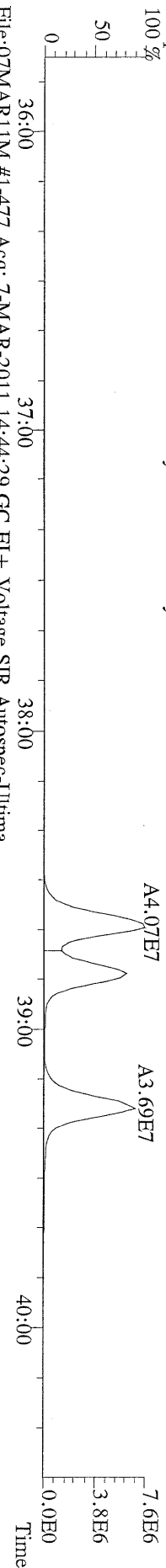
File:07MARI1M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
366.9792 S:4 F:2 Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory

100 % 29:42 30:06 30:32 30:56 31:22 31:39 32:06 32:29 33:05 33:34 34:08 34:46
7.2E6
3.6E6
0.0E0
Time

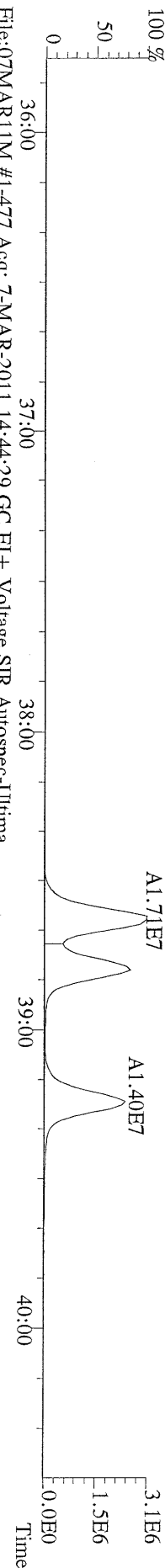
File:07MARI1M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



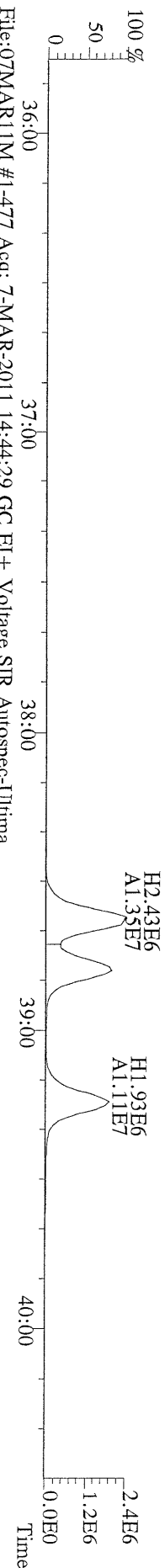
File:07MARI1M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



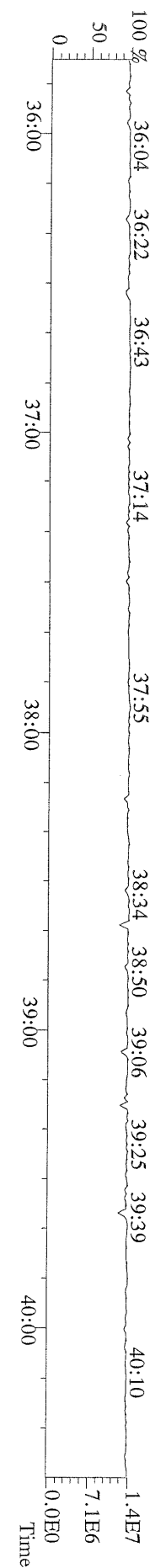
File:07MARI1M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



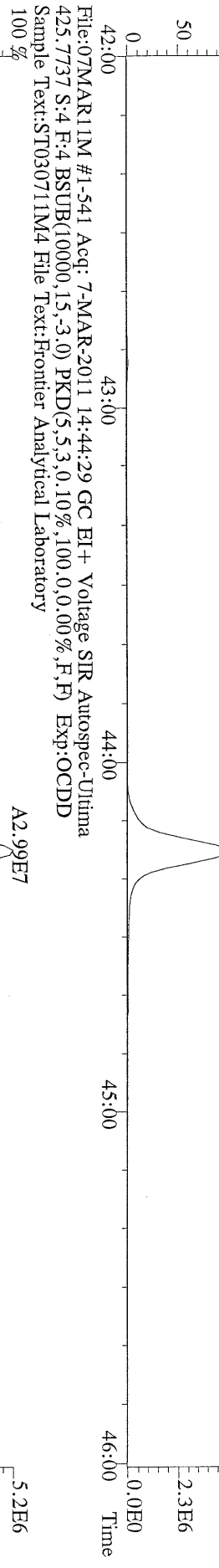
File:07MARI1M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:4 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



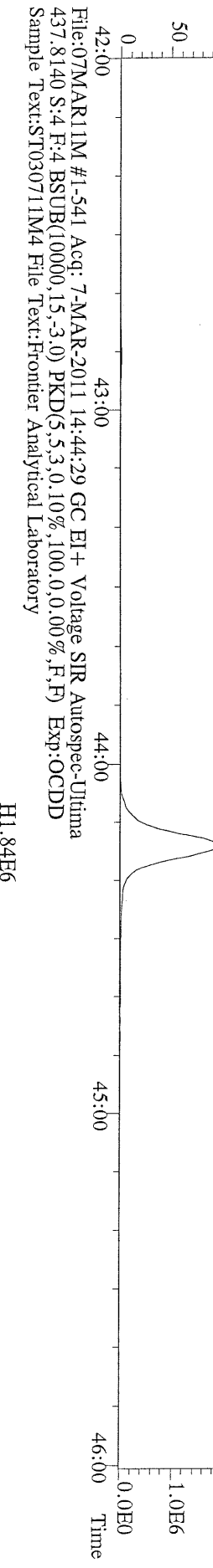
File:07MARI1M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:4 F:3 Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



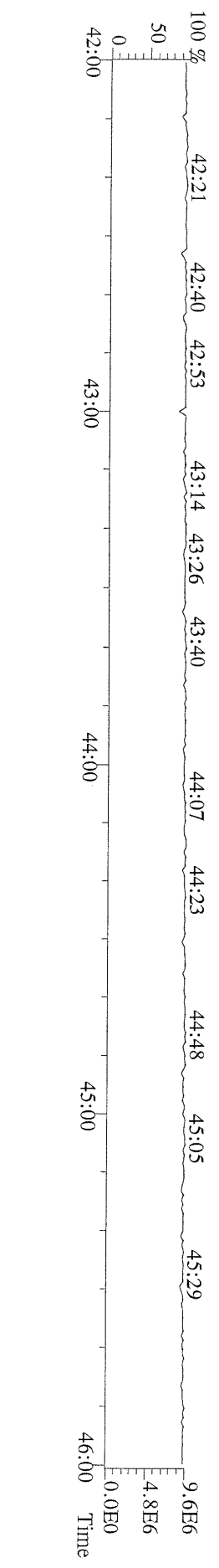
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
423.7767 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



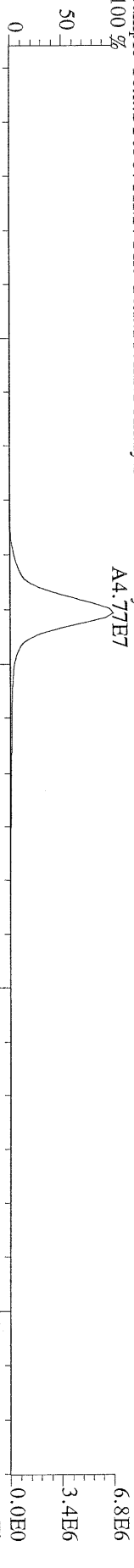
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
425.7737 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



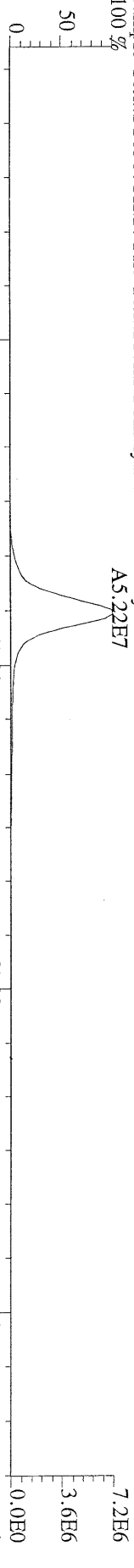
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
437.8140 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



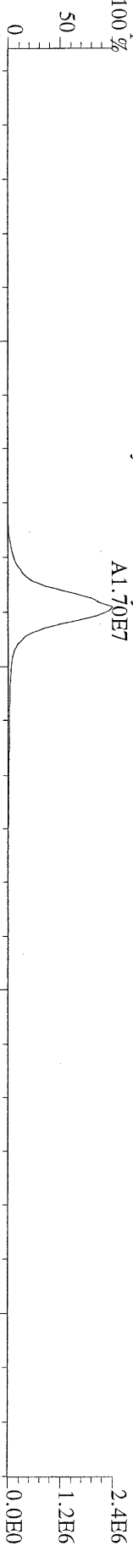
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 457.7377 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



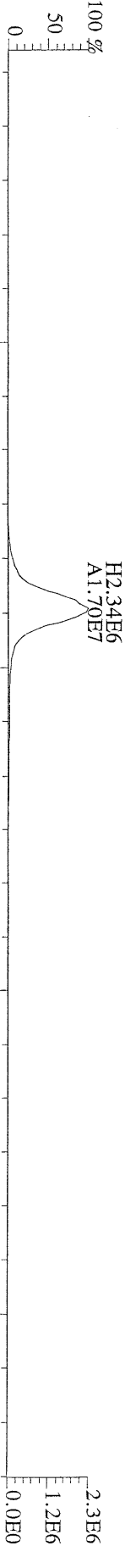
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 459.7348 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



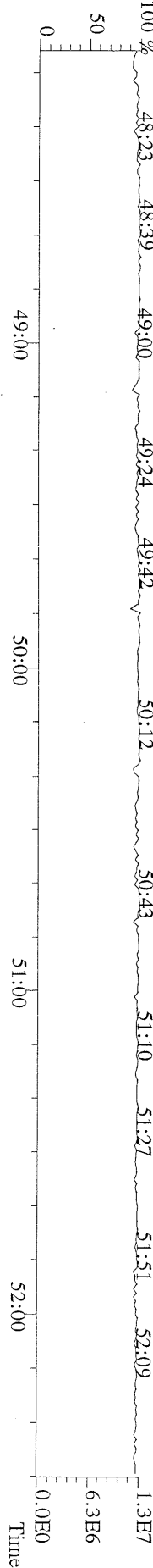
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 469.7780 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



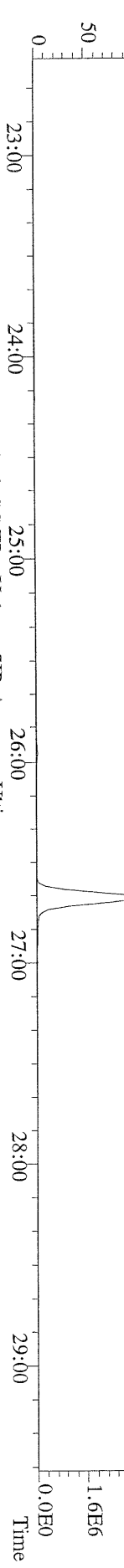
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 471.7750 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



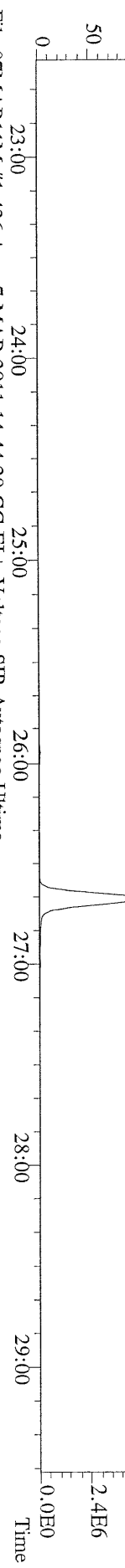
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 454.9728 S:4 F:5 Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



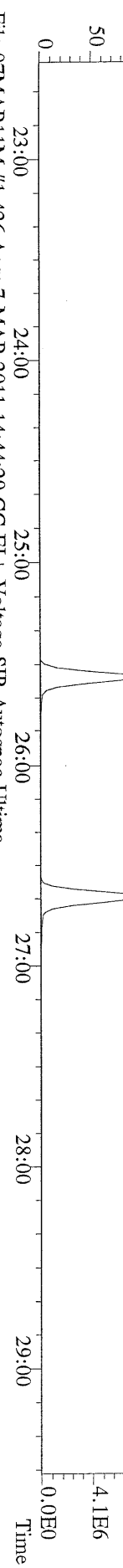
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



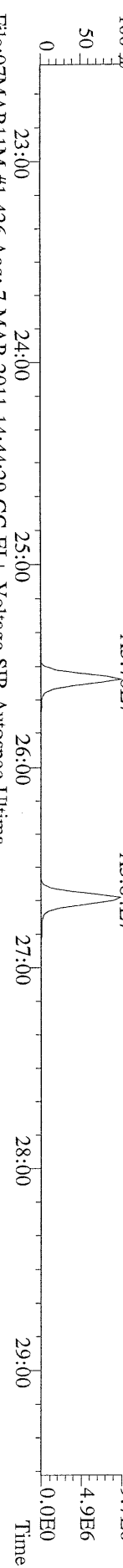
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



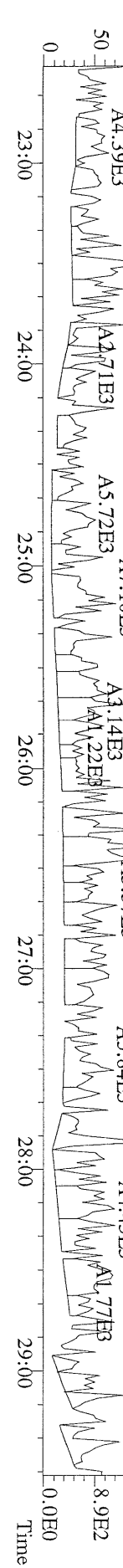
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



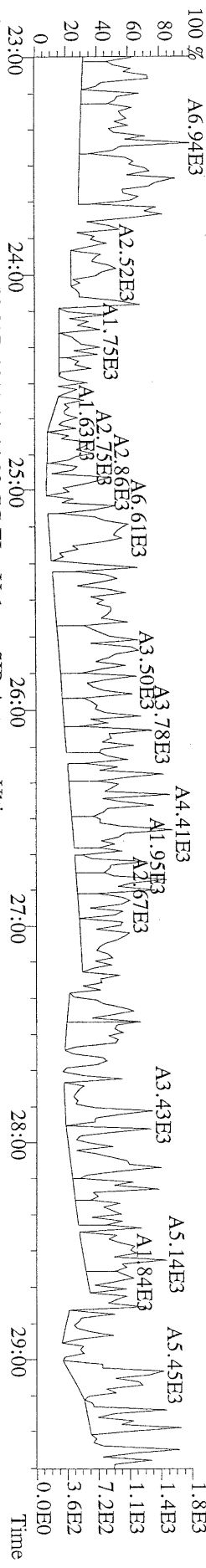
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



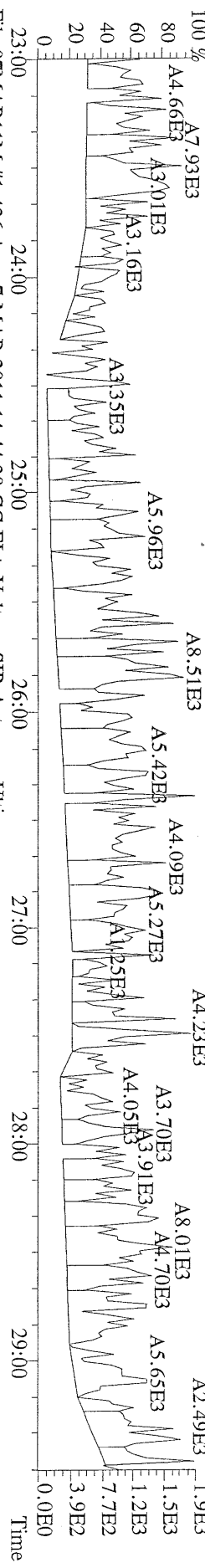
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



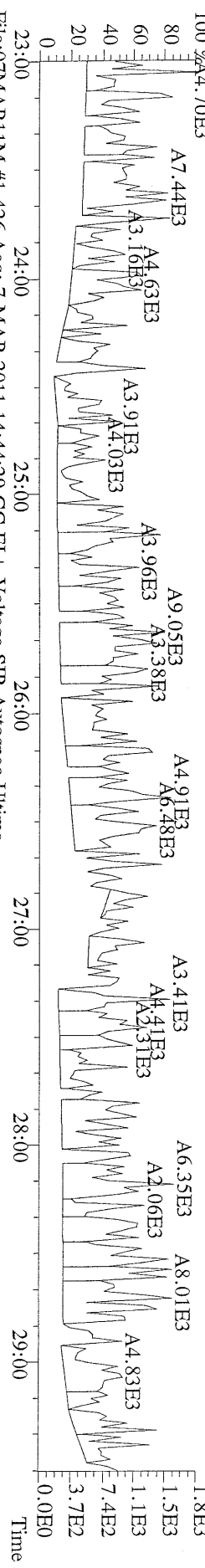
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
 339.8597 S:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
 100 % A6.94E3



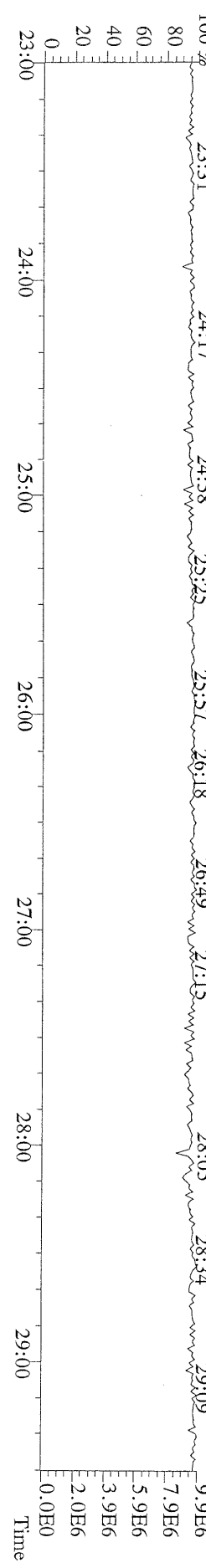
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
 341.8568 S:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
 100 % A7.93E3



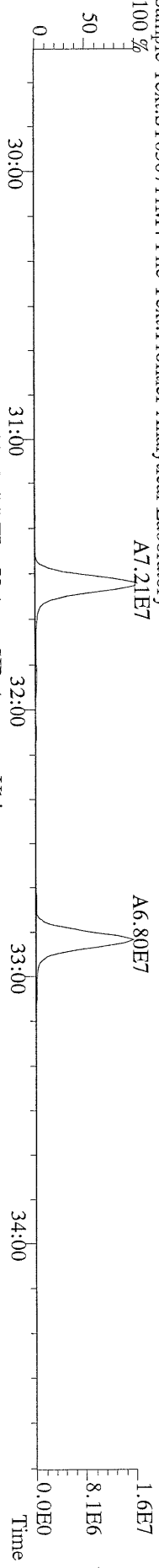
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
 409.7974 S:4 BSUB(10000,15,-3.0) PKD(5.5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
 100 % A4.70E3



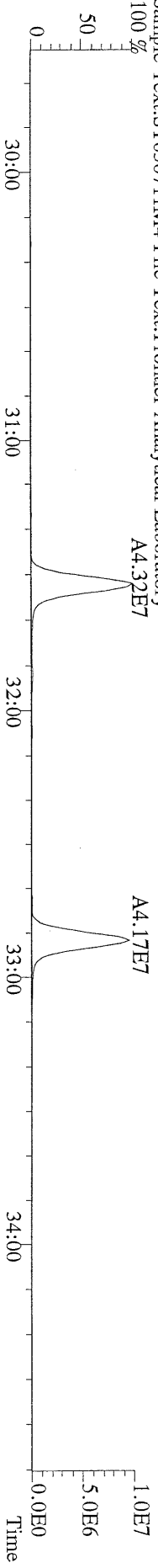
File:07MAR11M #1-426 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Utima
 316.9824 S:4 Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
 100 %



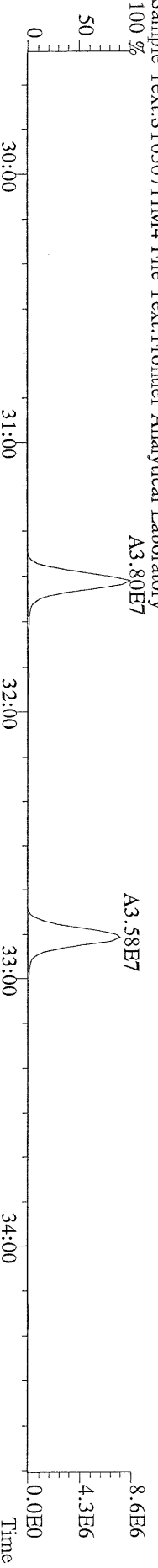
File:07MAR11M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:4 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



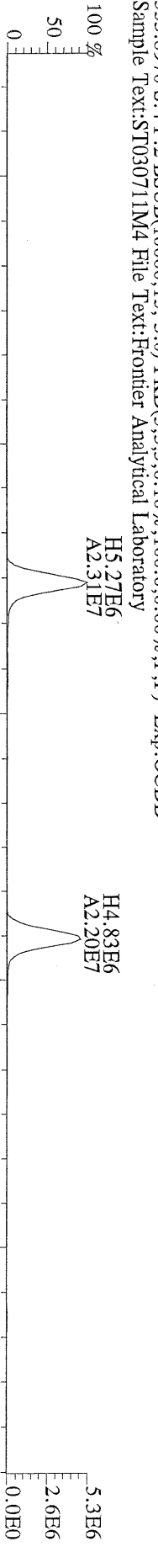
File:07MAR11M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:4 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



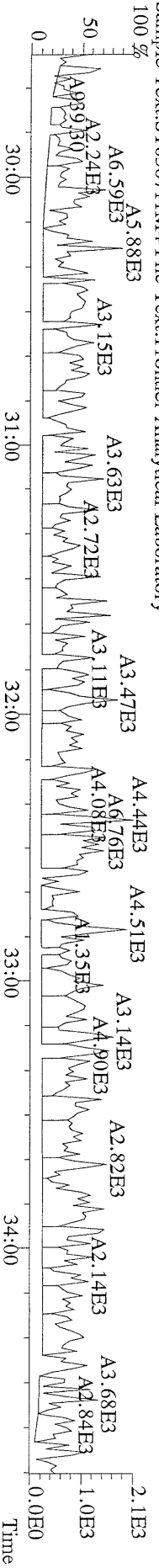
File:07MAR11M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:4 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



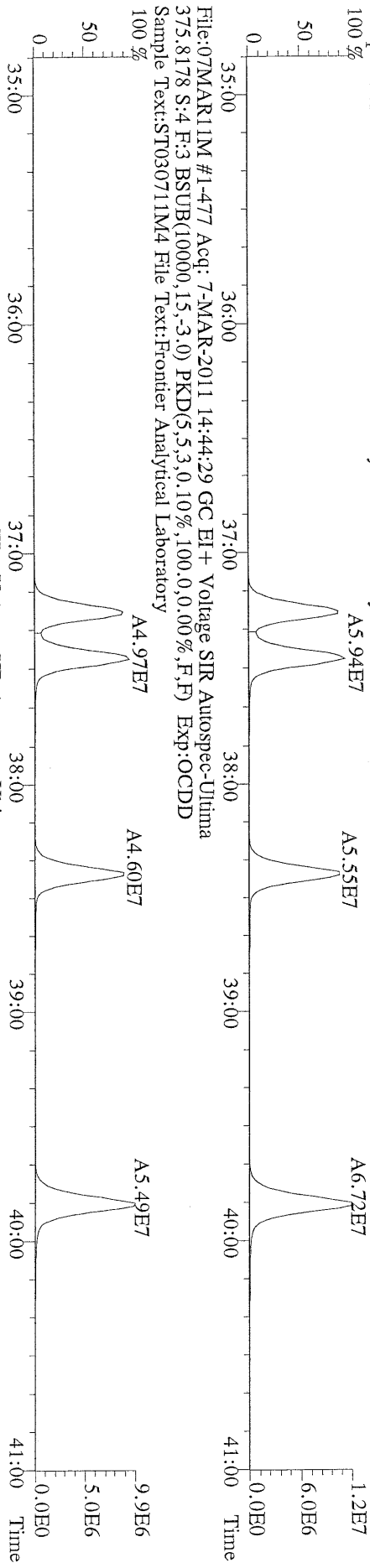
File:07MAR11M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:4 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



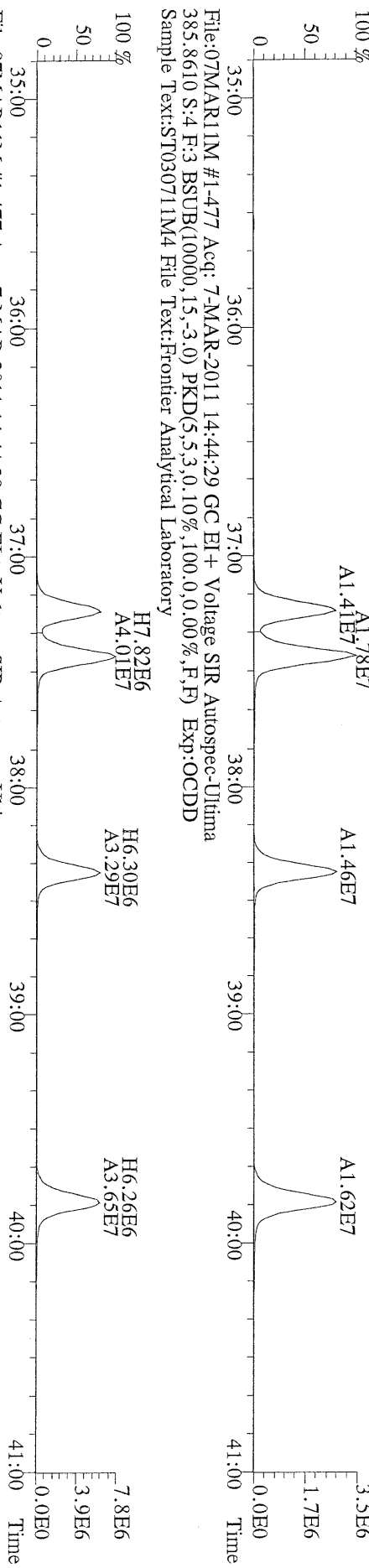
File:07MAR11M #1-411 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:4 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



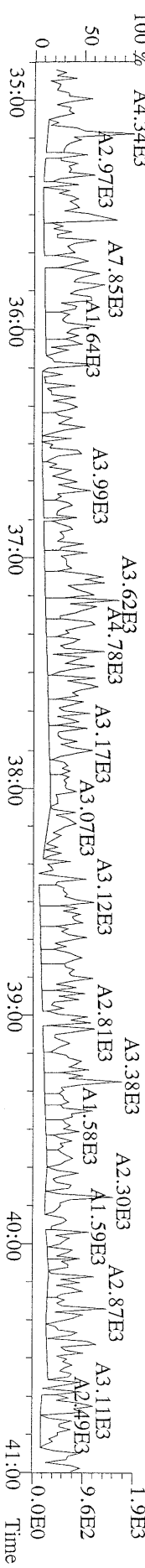
File:07MAR11M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



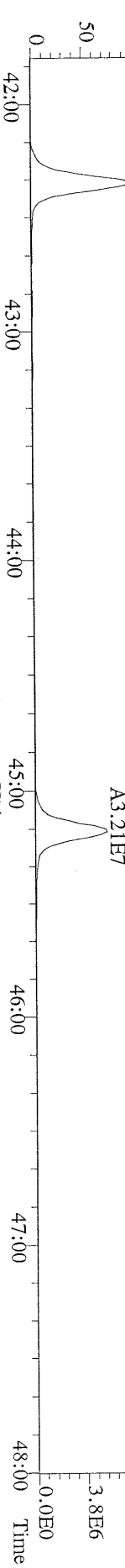
File:07MAR11M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



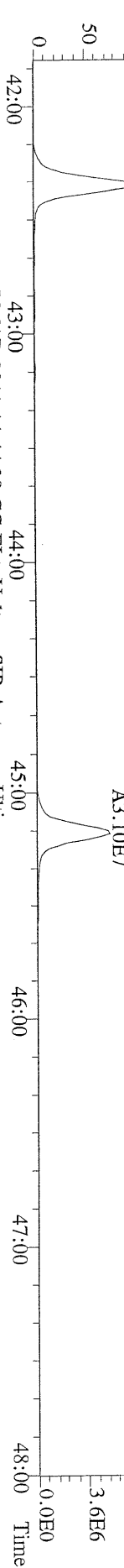
File:07MAR11M #1-477 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:4 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



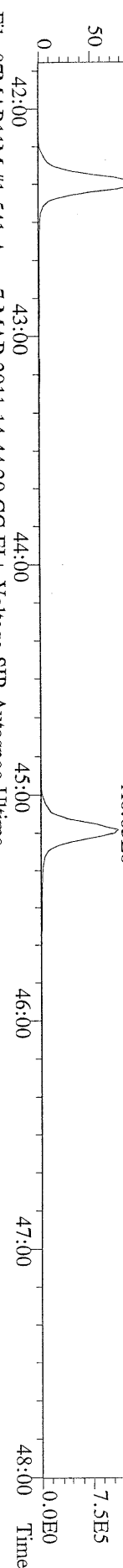
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
407.7818 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



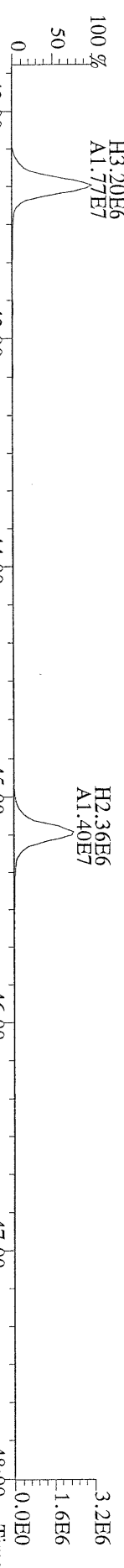
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
409.7788 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



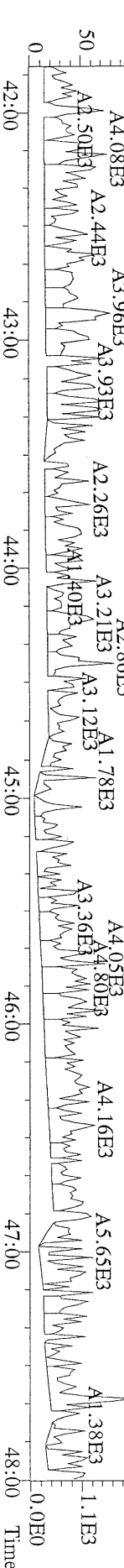
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
417.8253 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory
100 %



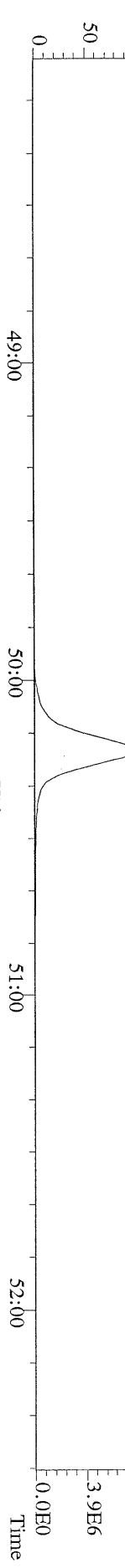
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
419.8220 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



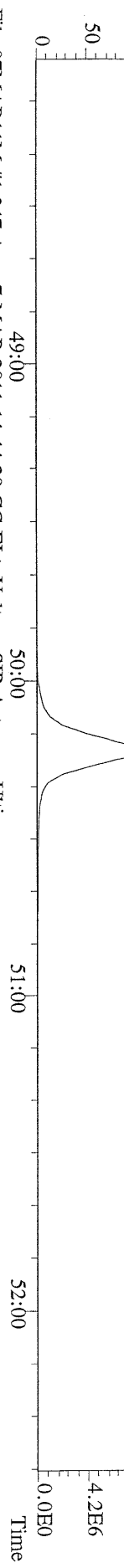
File:07MAR11M #1-541 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
479.7165 S:4 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



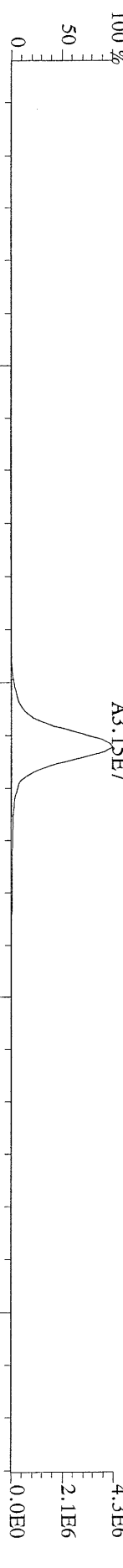
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



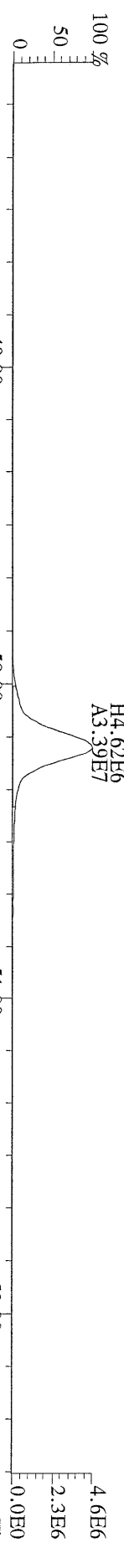
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



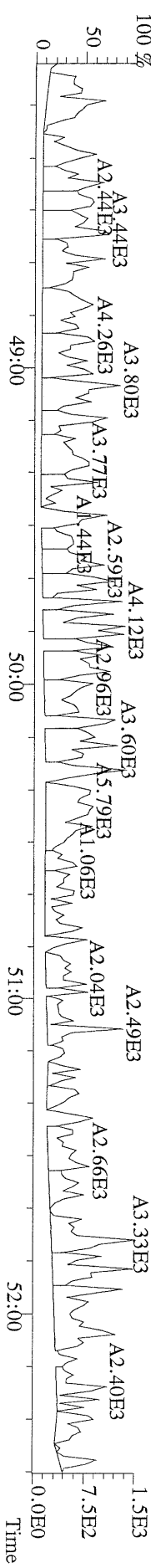
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



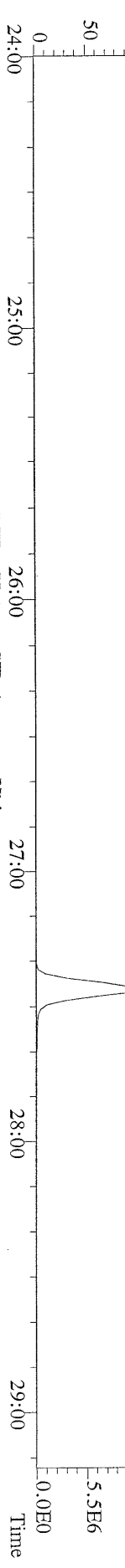
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



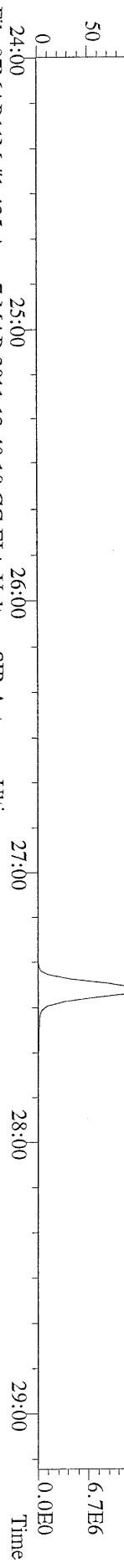
File:07MAR11M #1-347 Acq: 7-MAR-2011 14:44:29 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:4 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M4 File Text:Frontier Analytical Laboratory



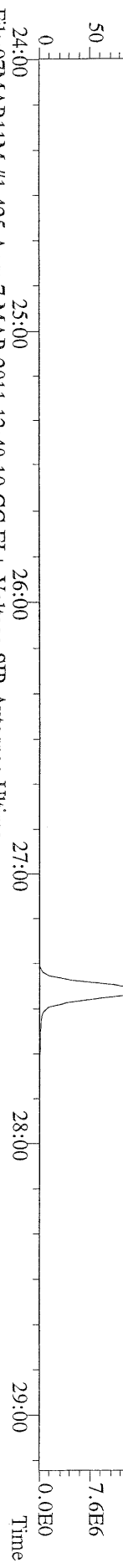
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
100 %



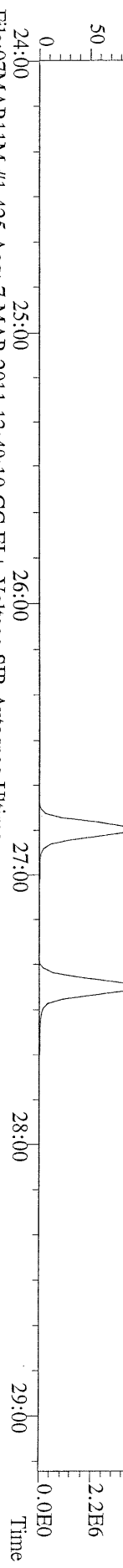
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
100 %



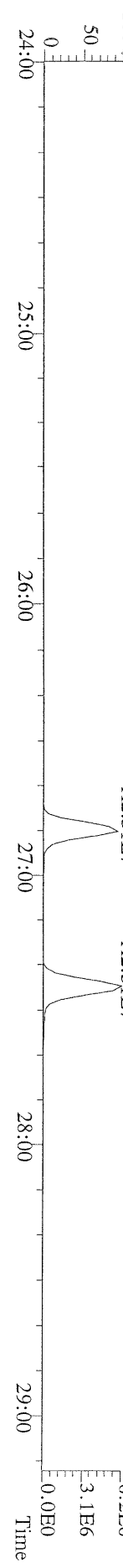
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
100 %



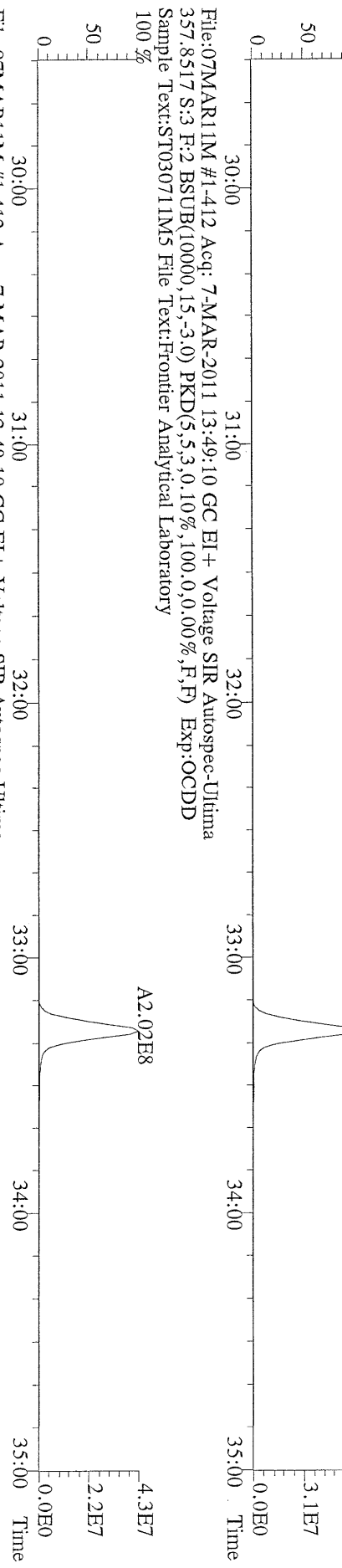
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
331.9368 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
100 %



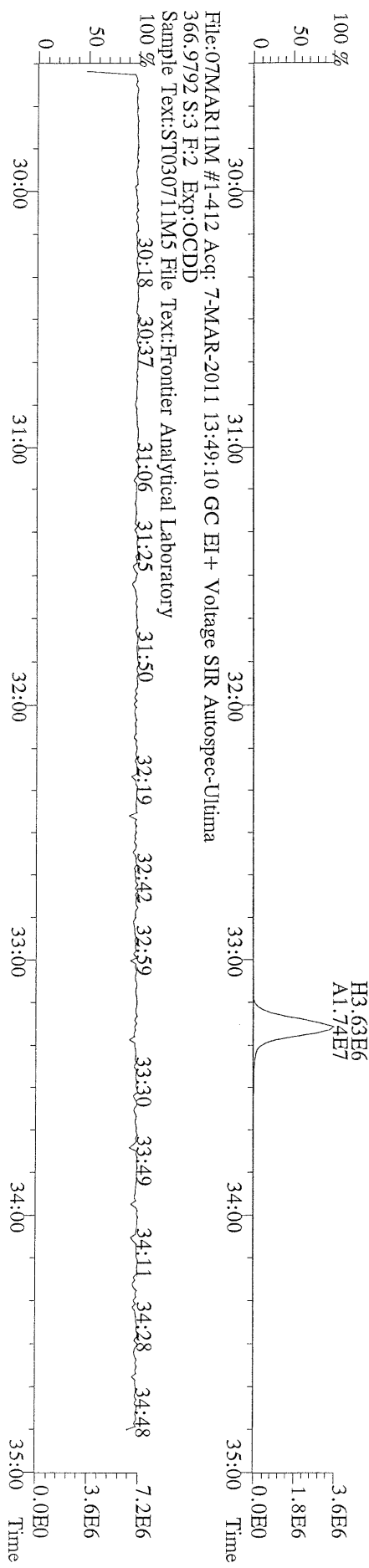
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



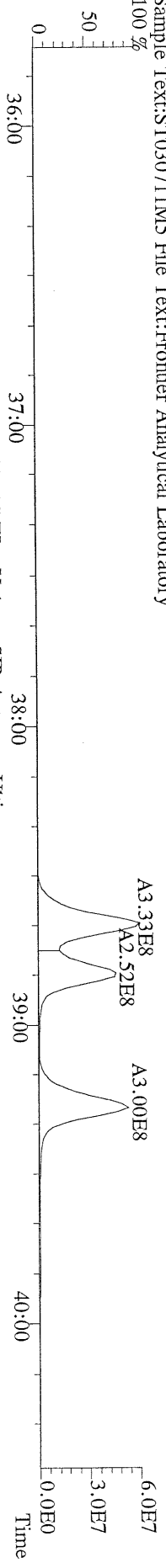
File:07MAR11M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
355.8546 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



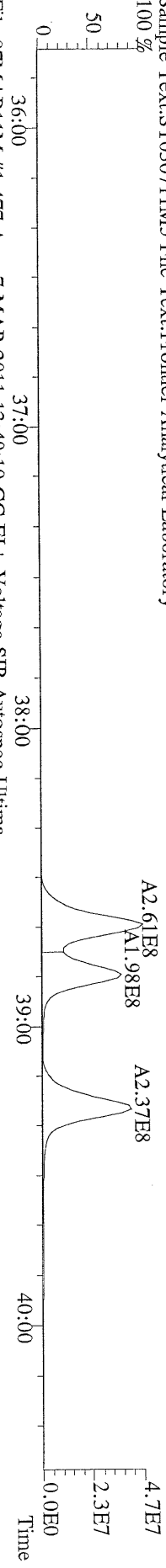
File:07MAR11M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
367.8949 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



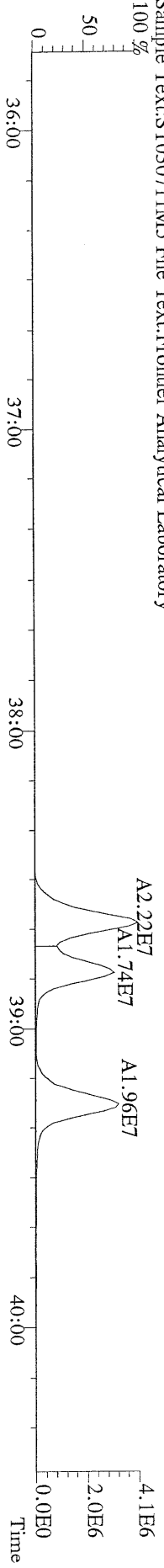
File:07MARI1M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST03071IM5 File Text:Frontier Analytical Laboratory



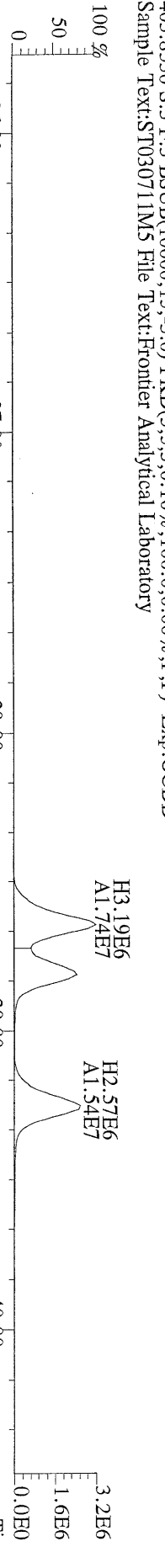
File:07MARI1M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST03071IM5 File Text:Frontier Analytical Laboratory



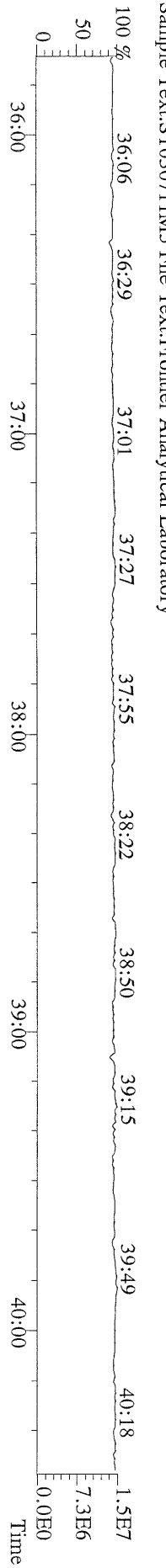
File:07MARI1M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST03071IM5 File Text:Frontier Analytical Laboratory



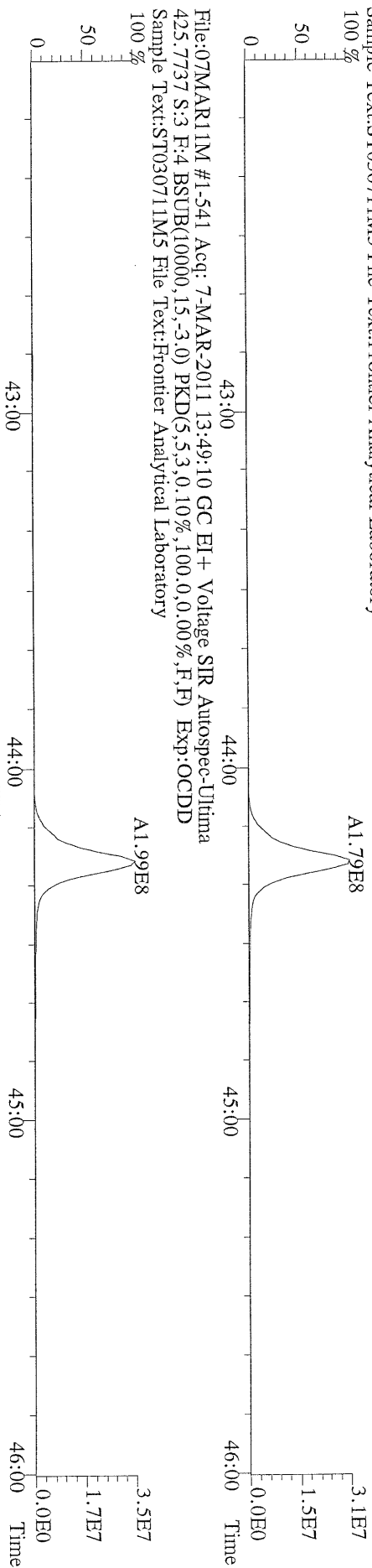
File:07MARI1M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST03071IM5 File Text:Frontier Analytical Laboratory



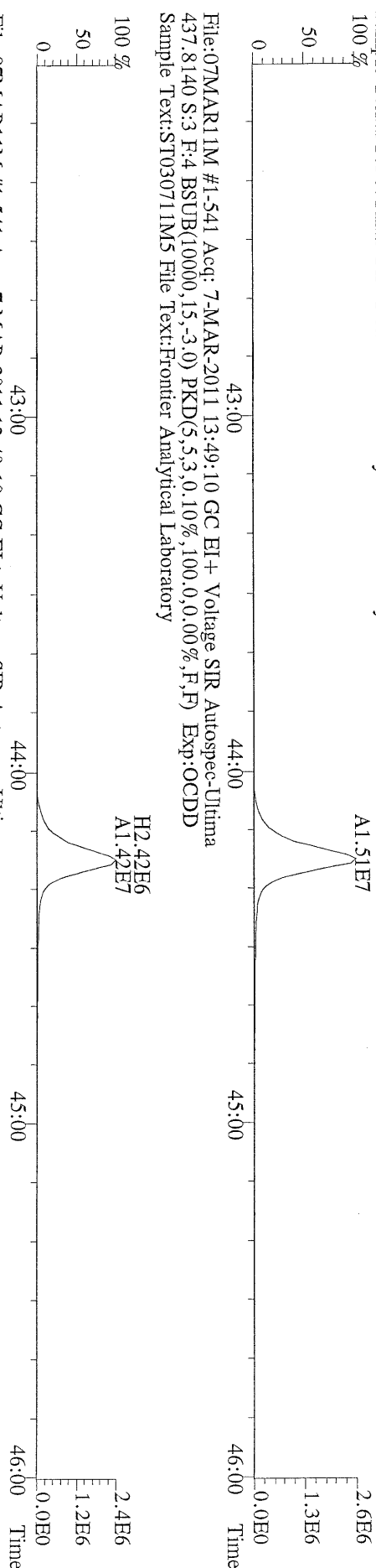
File:07MARI1M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:3 F:3 Exp:OCDD
 Sample Text:ST03071IM5 File Text:Frontier Analytical Laboratory



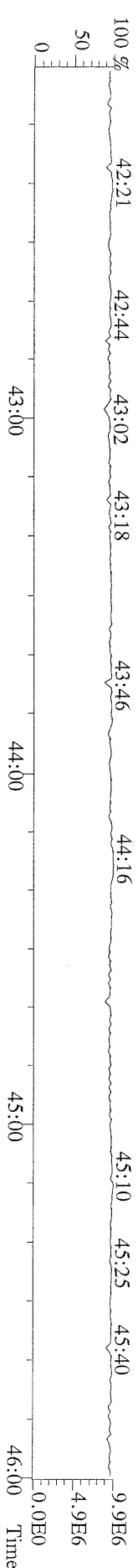
File:07MARI1M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
423.7767 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



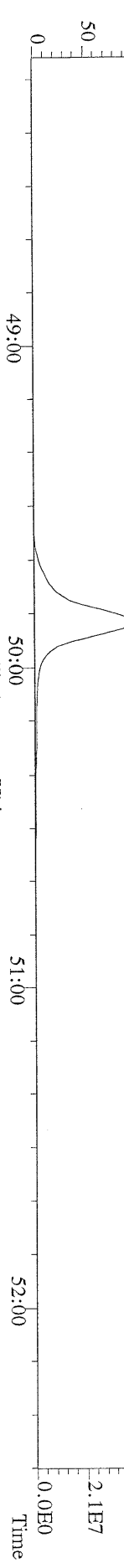
File:07MARI1M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
435.8169 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



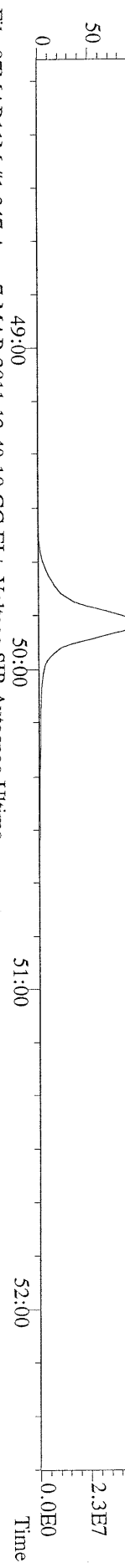
File:07MARI1M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
430.9728 S:3 F:4 Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



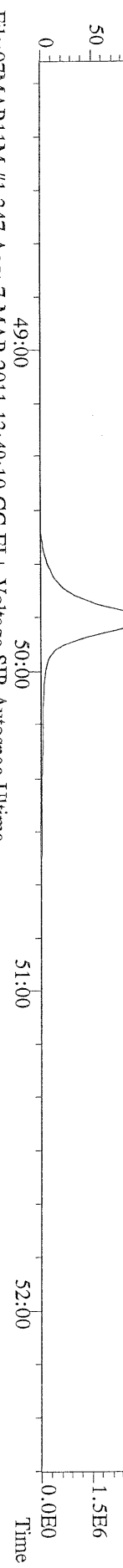
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
457.7377 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



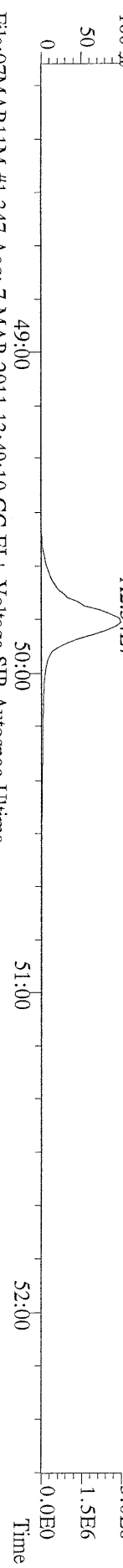
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
459.7348 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



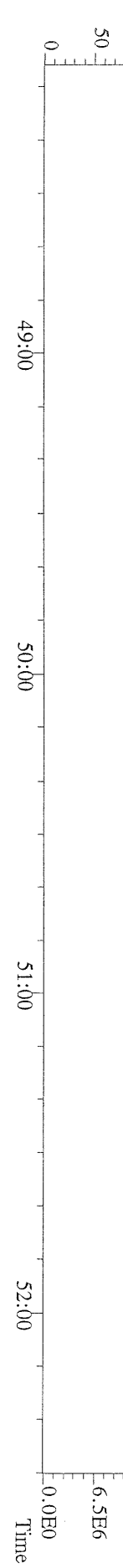
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
469.7780 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



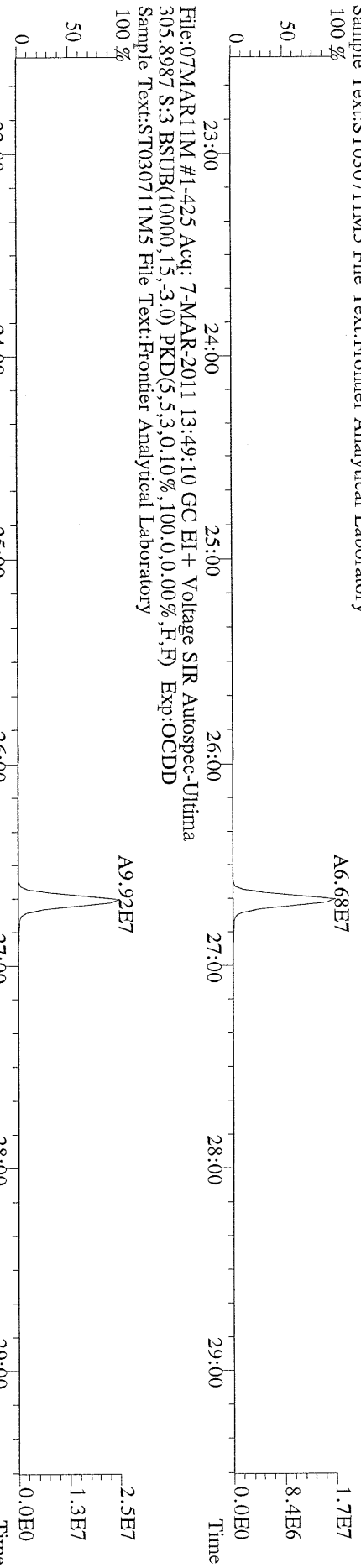
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
471.7750 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



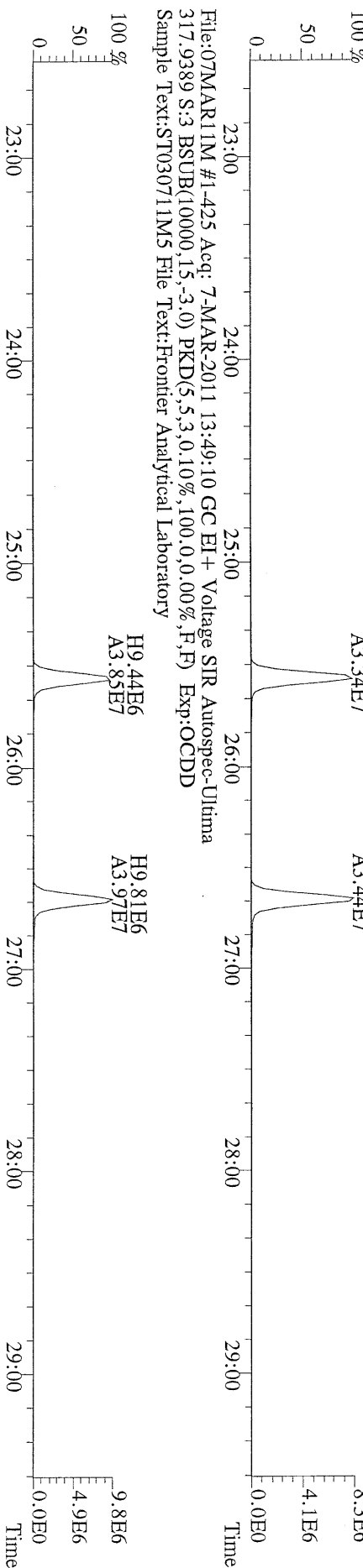
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
454.9728 S:3 F:5 Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



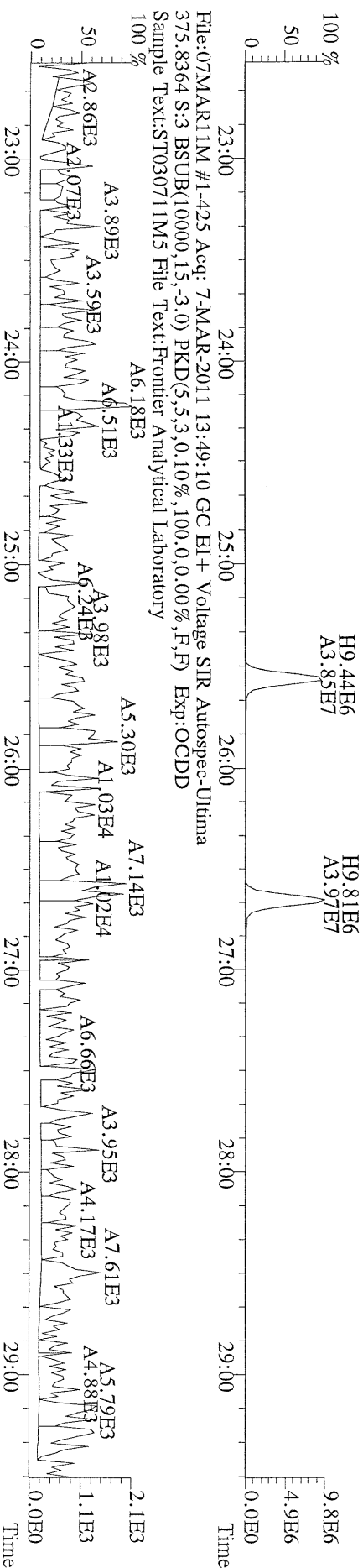
File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
303.9016 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
315.9419 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory

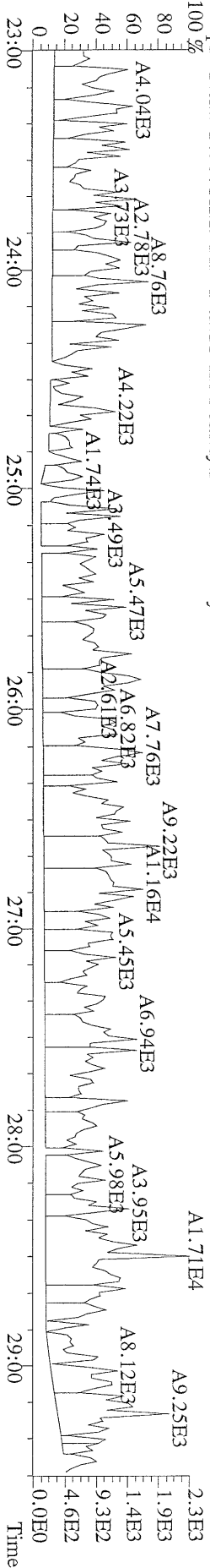


File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
317.9389 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory

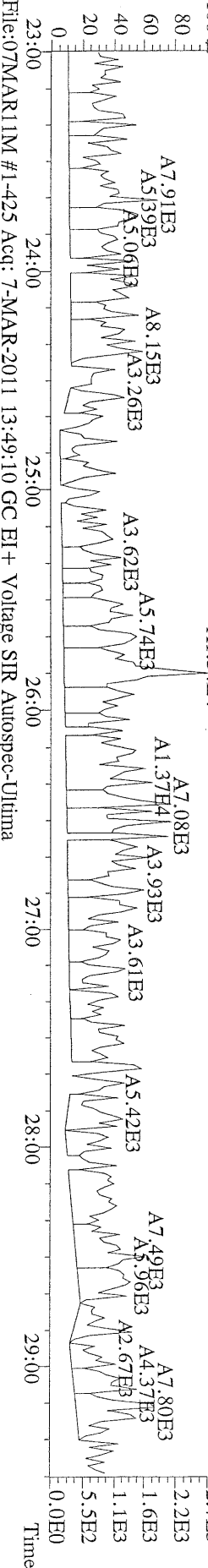


File:07MAR11M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
375.8364 S:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory

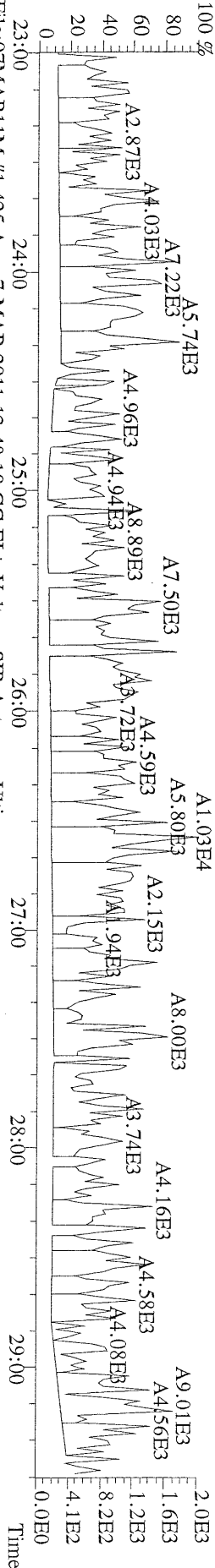
File:07MARI1M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,100%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



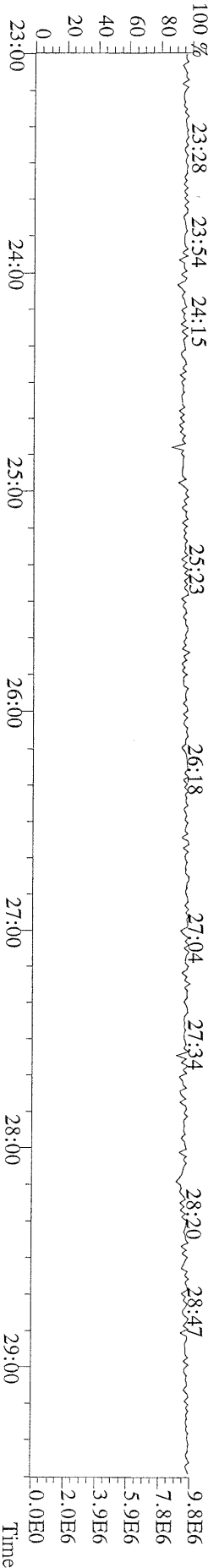
File:07MARI1M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,100%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



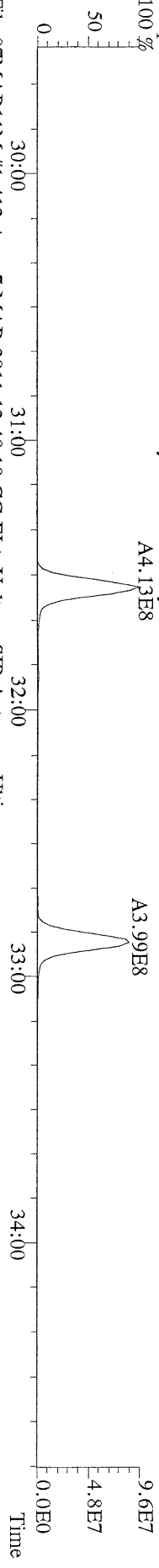
File:07MARI1M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:3 BSUB(10000,15,-3,0) PKD(5,5,3,0,100%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



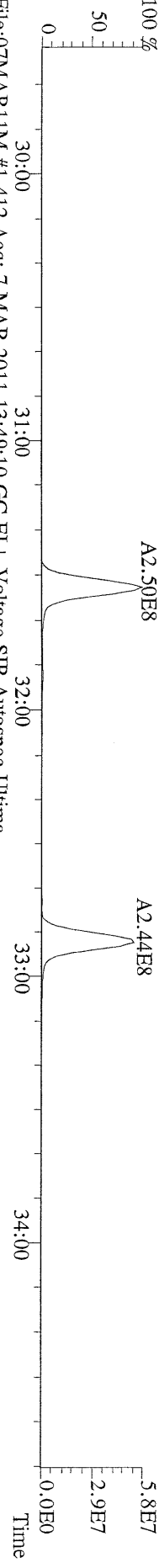
File:07MARI1M #1-425 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 316.9824 S:3 Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



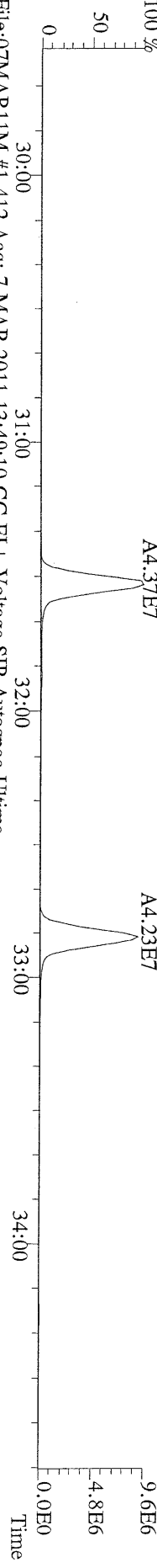
File:07MARI1M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
 100 %



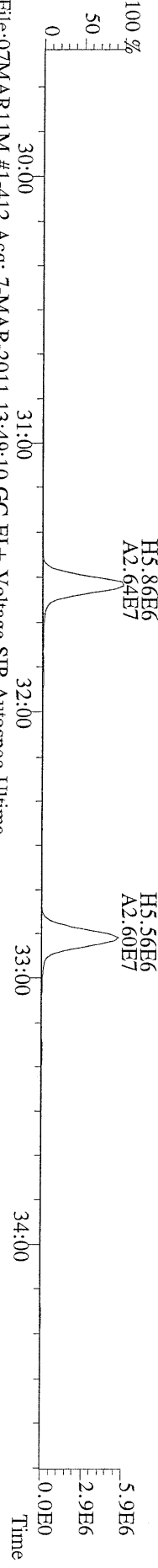
File:07MARI1M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
 100 %



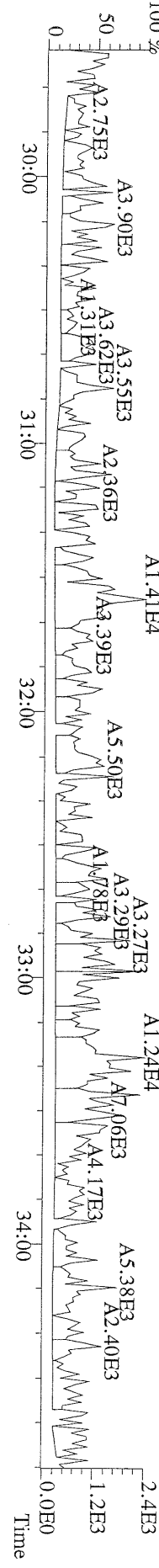
File:07MARI1M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
 100 %



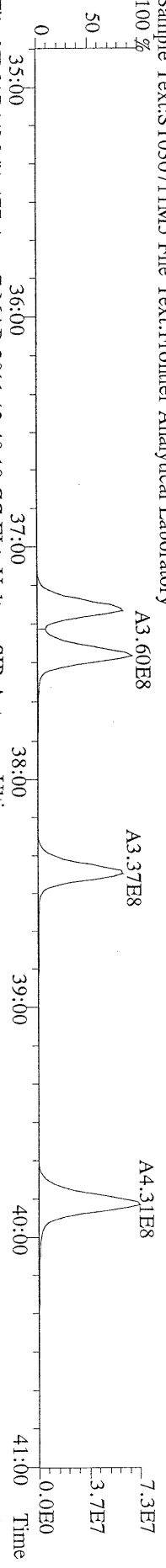
File:07MARI1M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



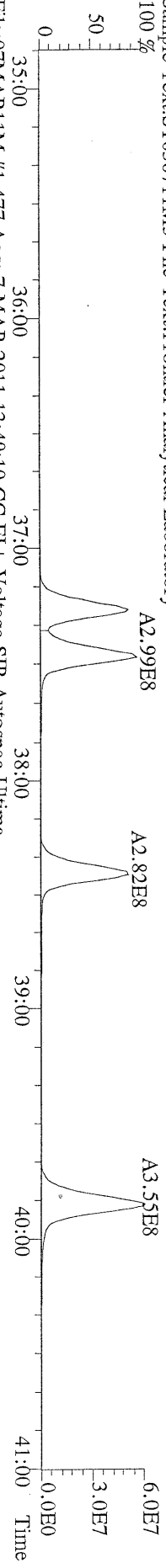
File:07MARI1M #1-412 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 S:3 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory
 100 %



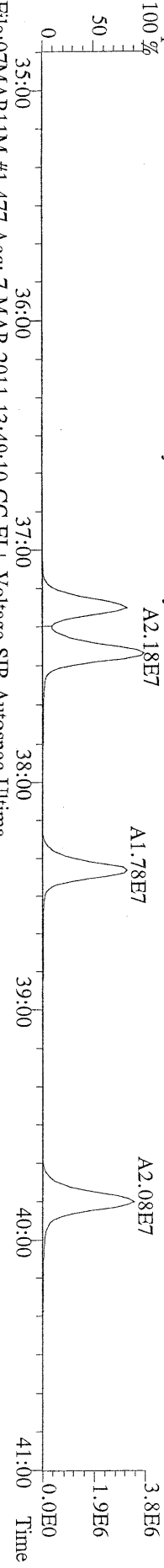
File:07MAR11M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



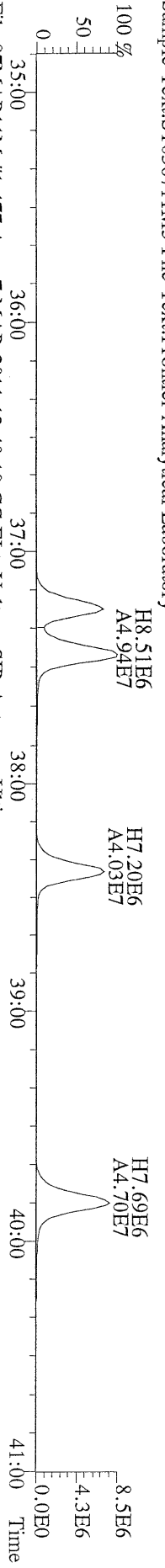
File:07MAR11M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 375.8178 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



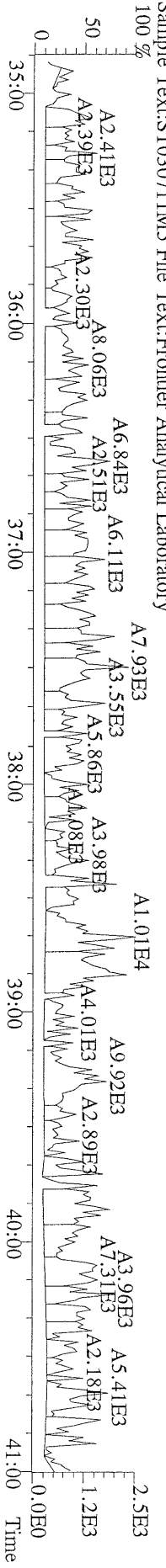
File:07MAR11M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



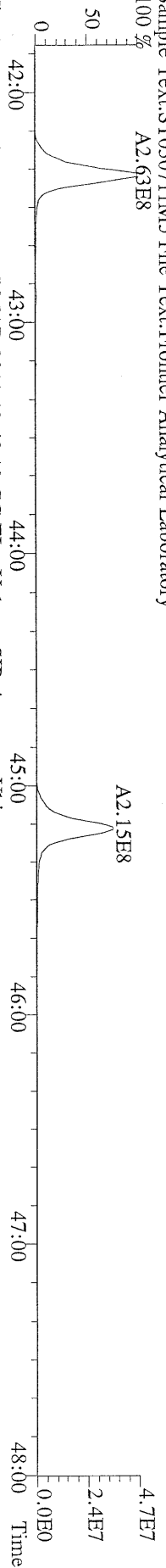
File:07MAR11M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 385.8610 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



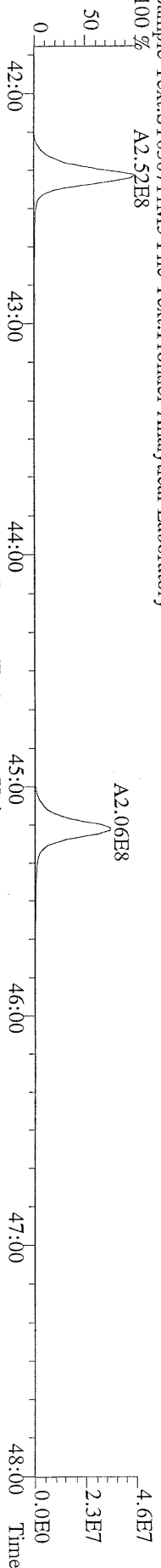
File:07MAR11M #1-477 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 S:3 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



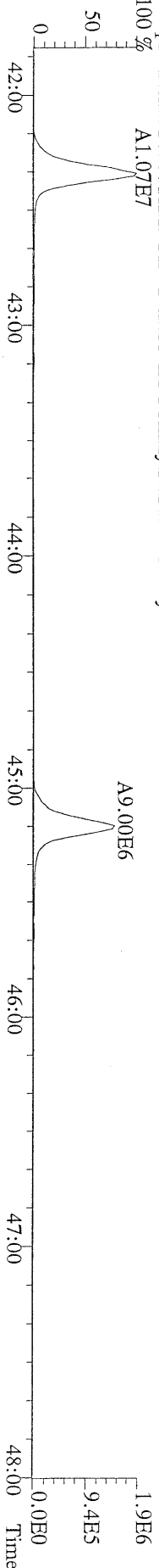
File:07MAR11M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Utima
407.7818 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



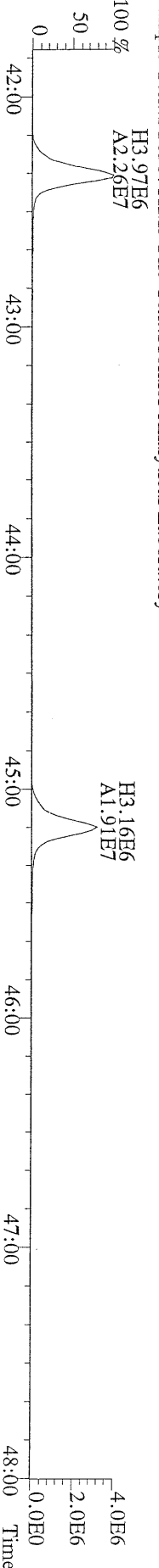
File:07MAR11M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Utima
409.7788 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



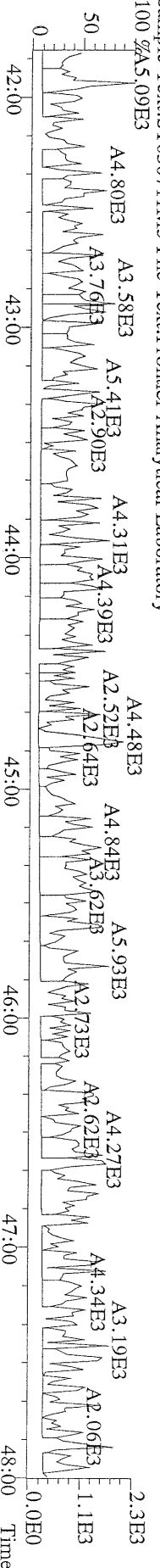
File:07MAR11M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Utima
417.8253 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



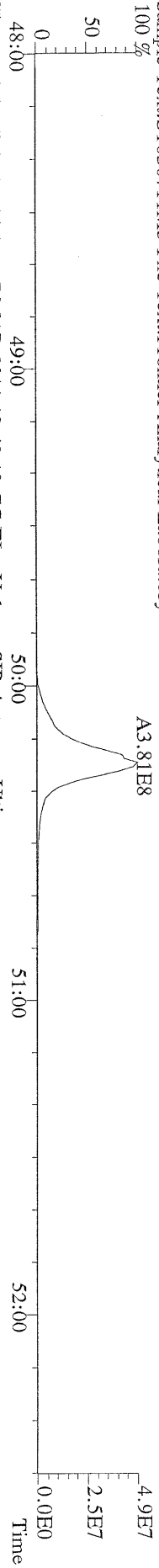
File:07MAR11M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Utima
419.8220 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



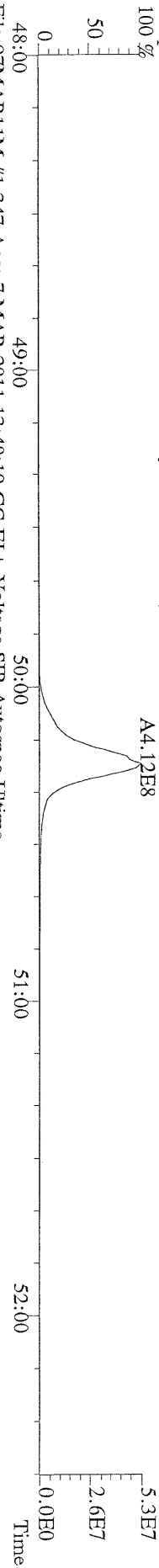
File:07MAR11M #1-541 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Utima
479.7165 S:3 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



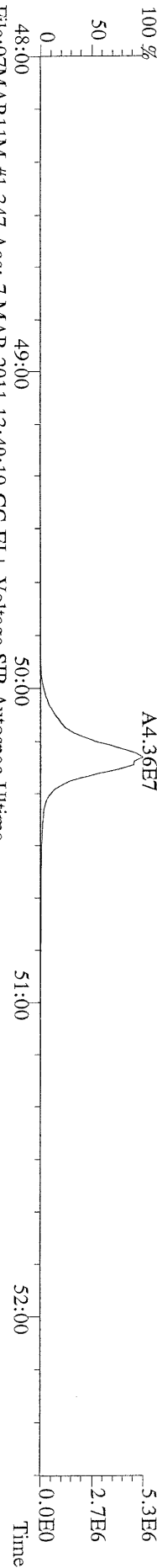
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
441.7428 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



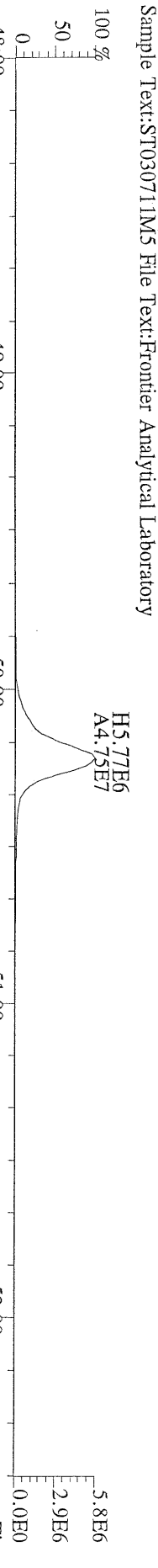
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
443.7398 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



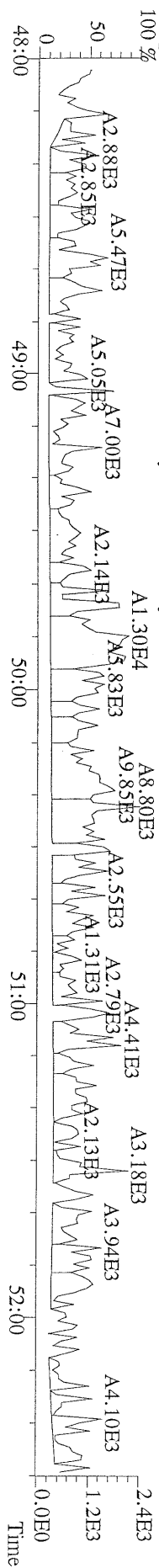
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
453.7831 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory



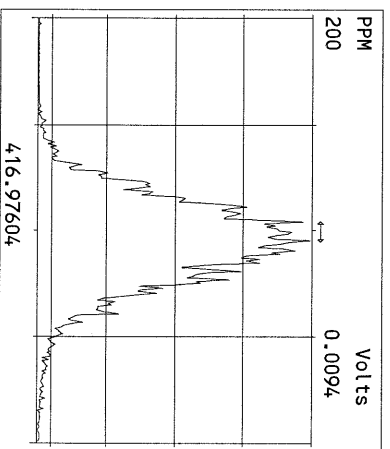
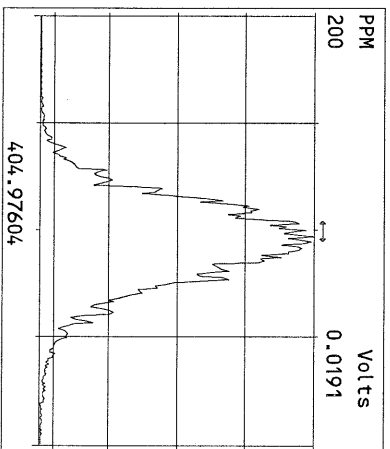
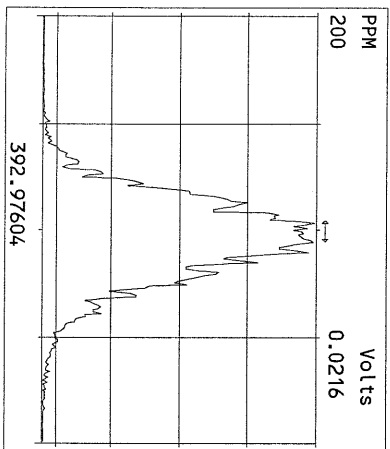
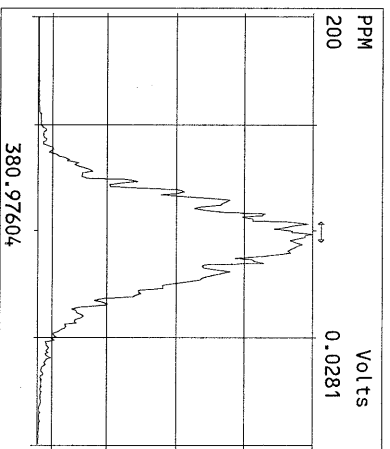
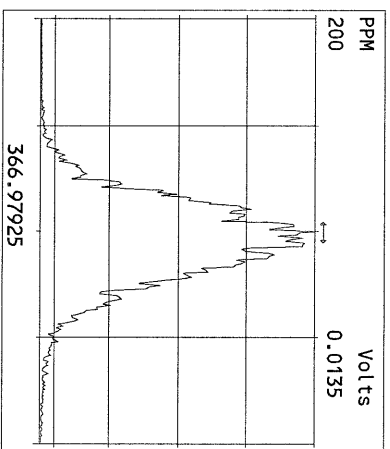
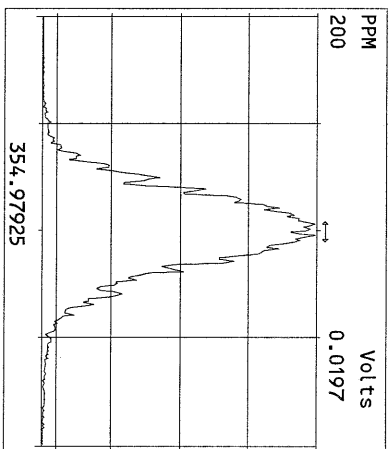
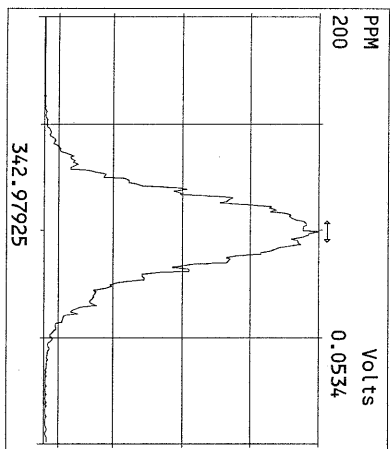
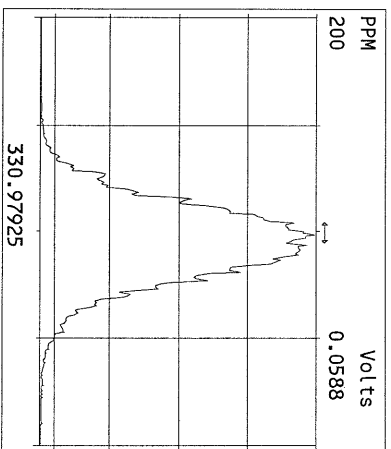
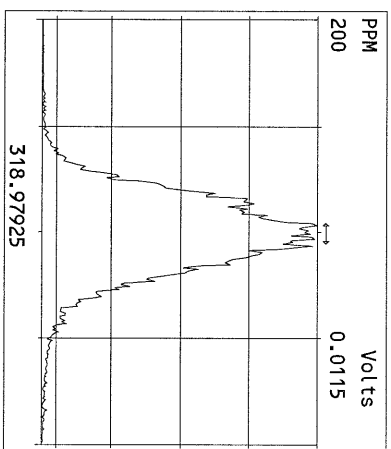
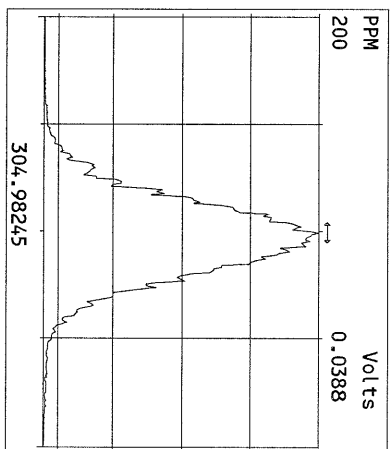
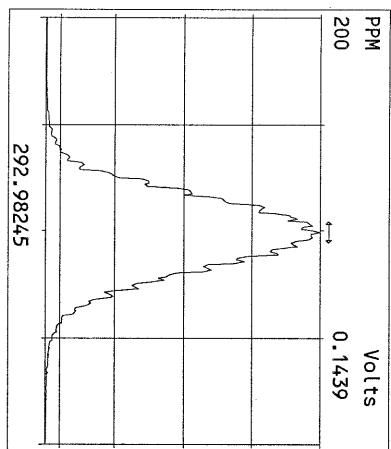
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
455.7801 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory

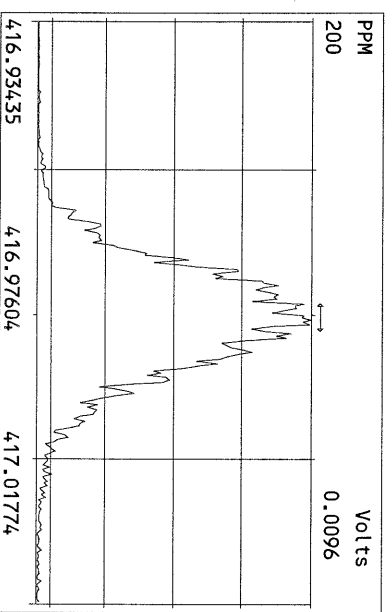
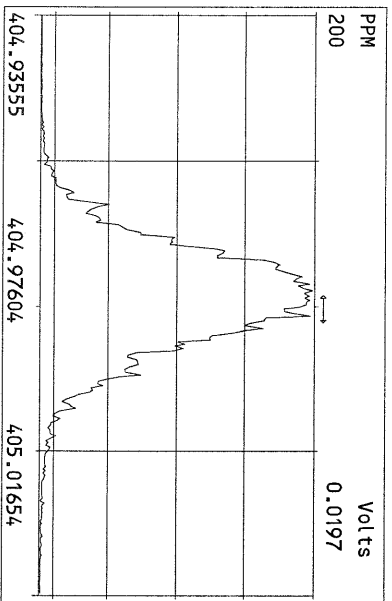
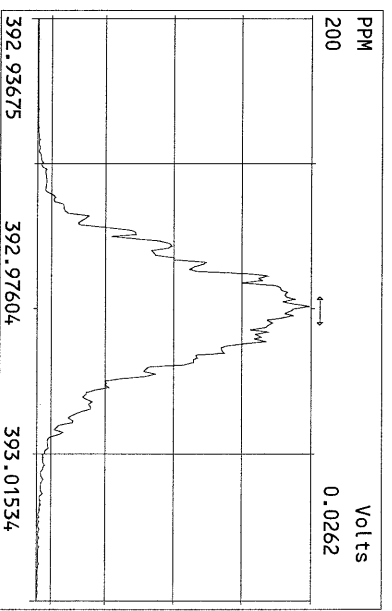
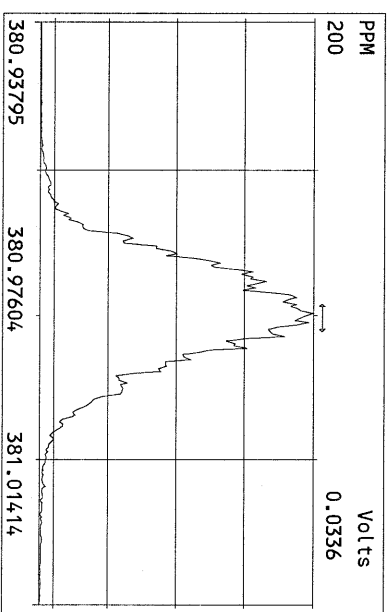
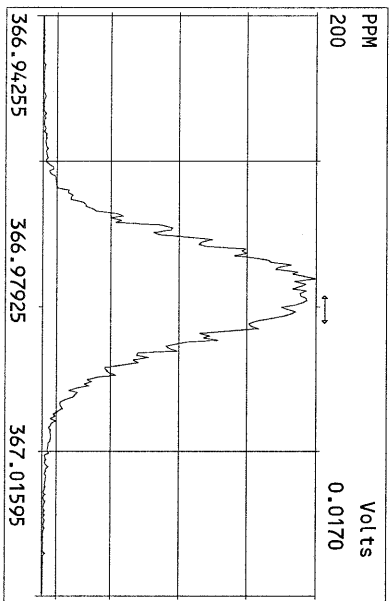
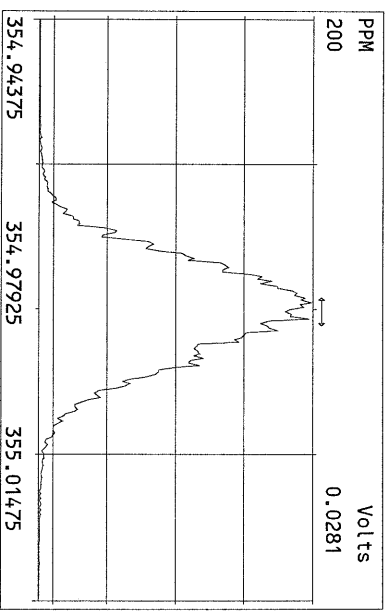
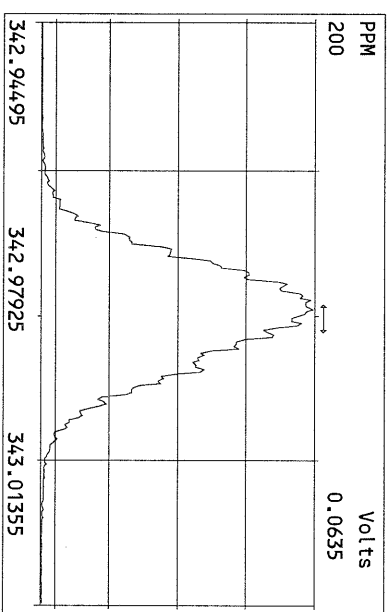
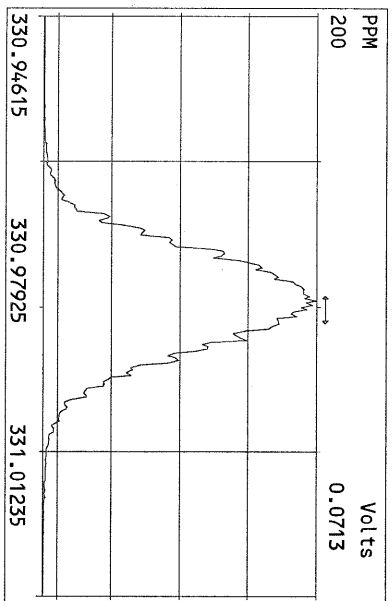


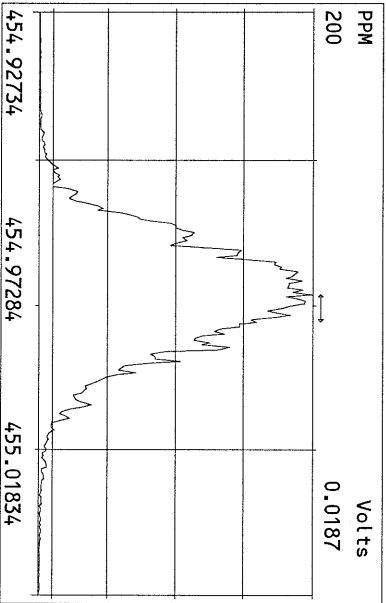
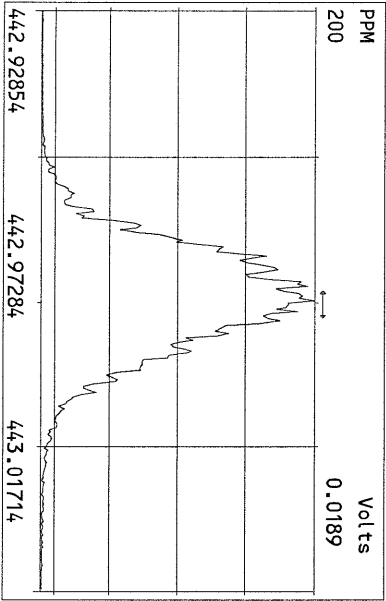
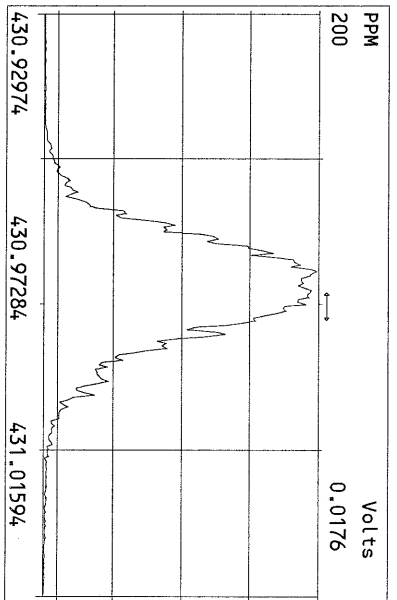
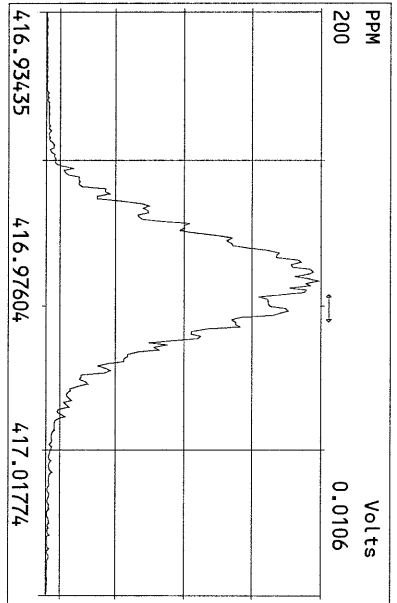
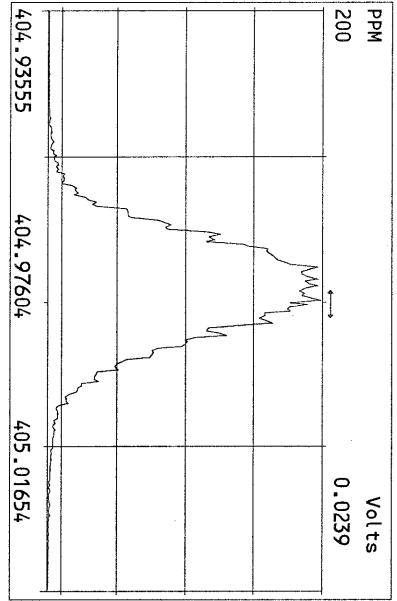
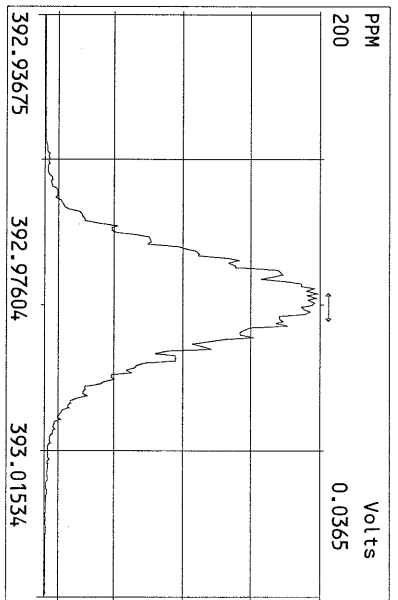
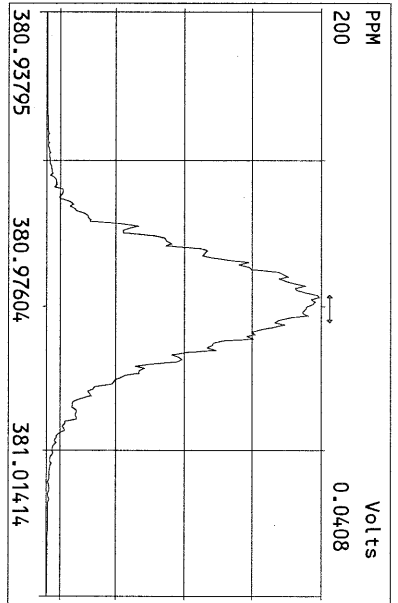
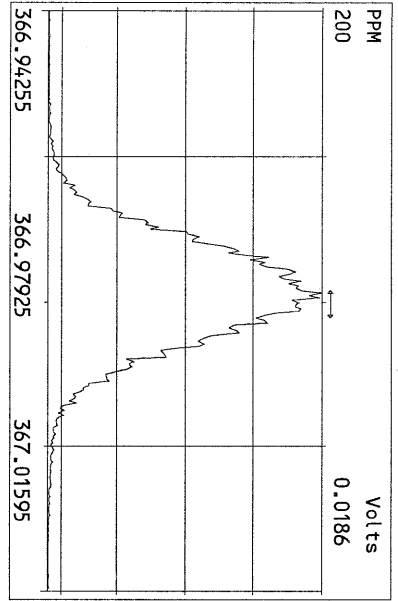
File:07MAR11M #1-347 Acq: 7-MAR-2011 13:49:10 GC EI+ Voltage SIR Autospec-Ultima
513.6775 S:3 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST030711M5 File Text:Frontier Analytical Laboratory

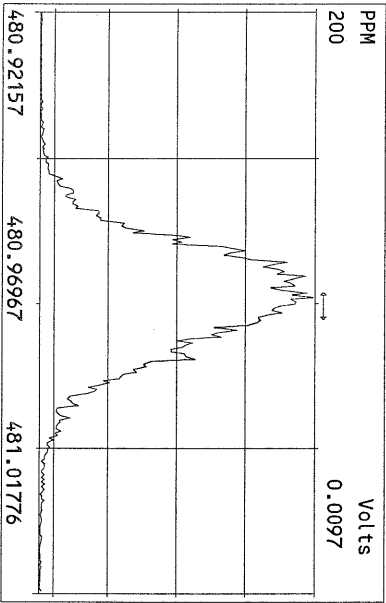
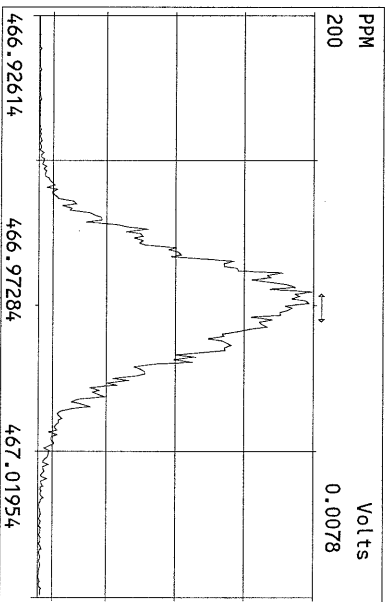
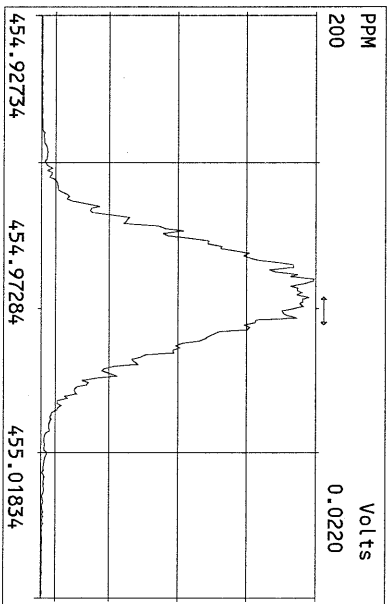
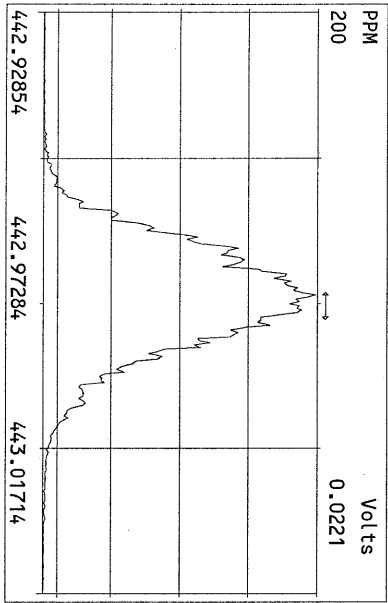
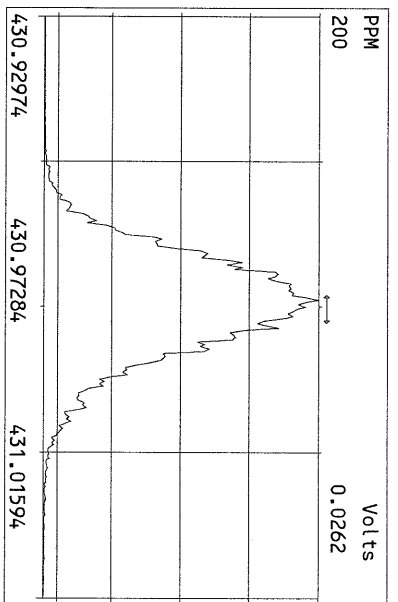
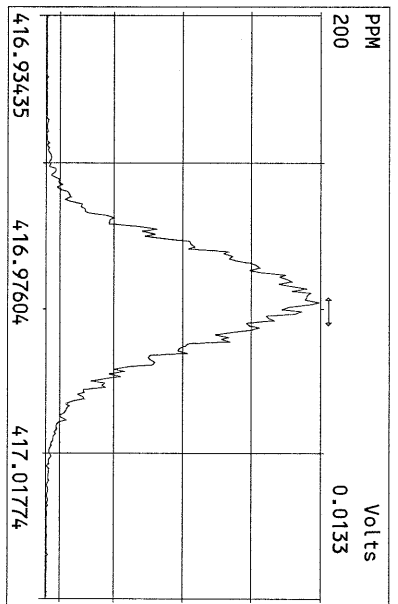
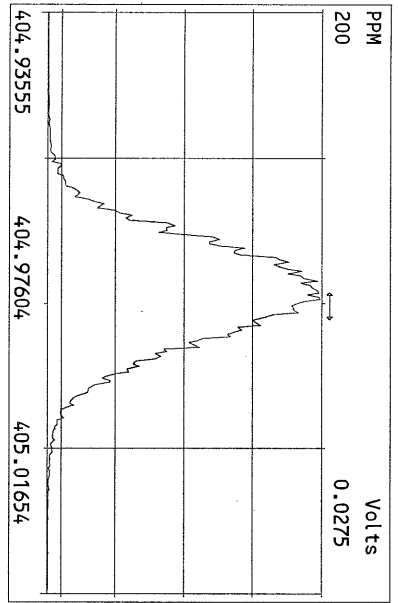


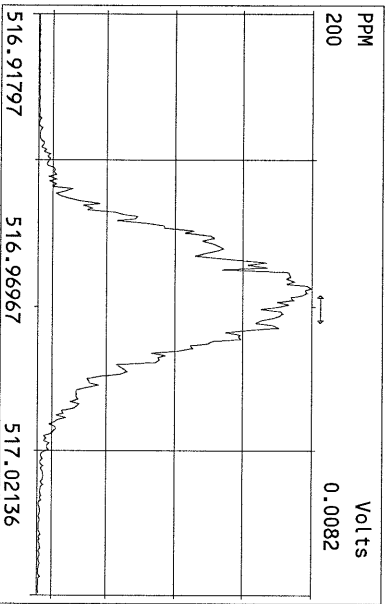
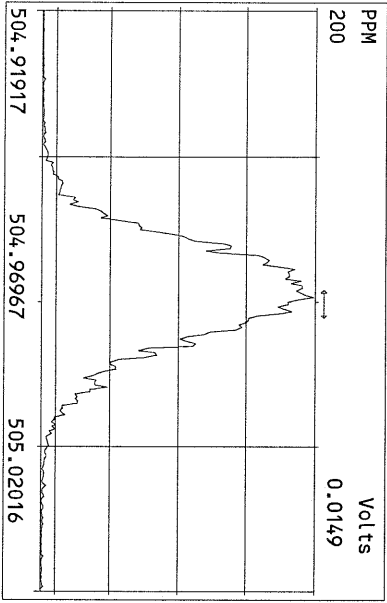
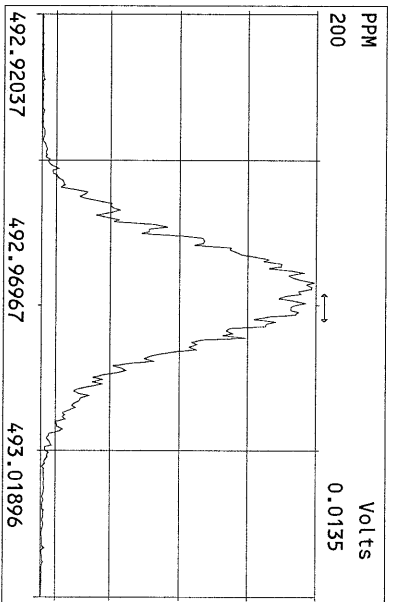
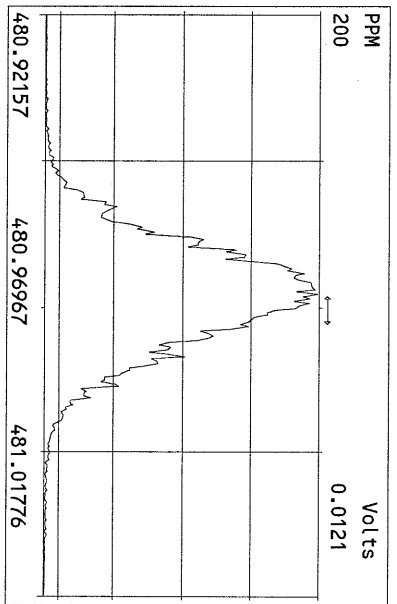
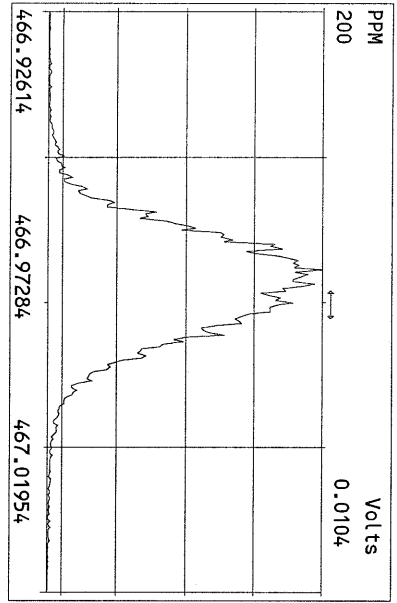
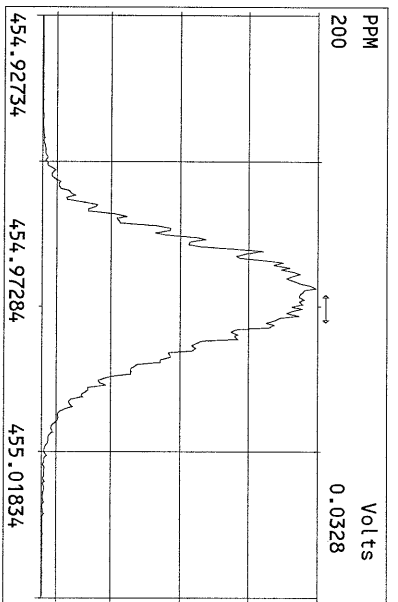
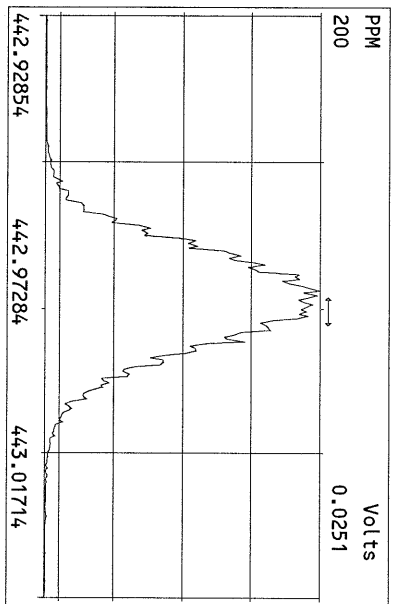
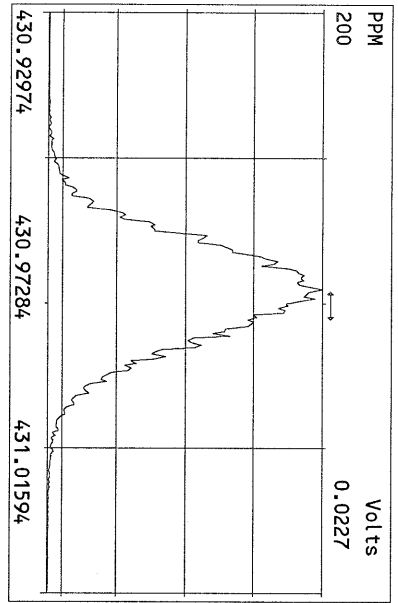
Peak Locate Examination: 8-MAR-2011:08:18 File:07MAR11M_RES_CHECK
Experiment:OCDD Function:1 Reference:PFK











USEPA - ITD

FORM 4A
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3 GC Column ID: DB5

VER Data Filename: 19MAY11M Sam:1 Analysis Date: 19-MAY-11 13:41:40

NATIVE ANALYTES	M/Z'S	ION	QC	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
	FORMING RATIO (1)	ABUND. RATIO	LIMITS (2)			
2,3,7,8-TCDD	M/M+2	0.78	0.65-0.89	y	10.3	7.80 - 12.9
1,2,3,7,8-PeCDD	M+2/M+4	1.57	1.32-1.78	y	52.7	39.0 - 65.0
1,2,3,4,7,8-HxCDD	M+2/M+4	1.30	1.05-1.43	y	47.3	39.0 - 64.0
1,2,3,6,7,8-HxCDD	M+2/M+4	1.31	1.05-1.43	y	49.4	39.0 - 64.0
1,2,3,7,8,9-HxCDD	M+2/M+4	1.28	1.05-1.43	y	50.3	41.0 - 61.0
1,2,3,4,6,7,8-HpCDD	M+2/M+4	0.91	0.88-1.20	y	50.5	43.0 - 58.0
OCDD	M+2/M+4	0.95	0.76-1.02	y	100	79.0 - 126
2,3,7,8-TCDF	M/M+2	0.66	0.65-0.89	y	10.8	8.40 - 12.0
1,2,3,7,8-PeCDF	M+2/M+4	1.61	1.32-1.78	y	49.0	41.0 - 60.0
2,3,4,7,8-PeCDF	M+2/M+4	1.59	1.32-1.78	y	48.5	41.0 - 60.0
1,2,3,4,7,8-HxCDF	M+2/M+4	1.21	1.05-1.43	y	45.5	45.0 - 56.0
1,2,3,6,7,8-HxCDF	M+2/M+4	1.24	1.05-1.43	y	46.2	44.0 - 57.0
2,3,4,6,7,8-HxCDF	M+2/M+4	1.22	1.05-1.43	y	46.8	44.0 - 57.0
1,2,3,7,8,9-HxCDF	M+2/M+4	1.24	1.05-1.43	y	46.5	45.0 - 56.0
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.05	0.88-1.20	y	46.3	45.0 - 55.0
1,2,3,4,7,8,9-HpCDF	M+2/M+4	1.06	0.88-1.20	y	48.4	43.0 - 58.0
OCDF	M+2/M+4	0.92	0.76-1.02	y	91.4	63.0 - 159

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

Analyst: Date: 5/20/11

USEPA - ITD

FORM 4B
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

VER Data Filename: 19MAY11M Sam:1

Analysis Date: 19-MAY-11 13:41:40

	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
LABELED COMPOUNDS						
13C-2,3,7,8-TCDD	M/M+2	0.79	0.65-0.89	y	89.4	82.0 - 121
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.74	1.32-1.78	y	83.7	62.0 - 160
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.26	1.05-1.43	y	92.8	85.0 - 117
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.24	1.05-1.43	y	102	85.0 - 118
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.04	0.88-1.20	y	97.1	72.0 - 138
13C-OCDD	M+2/M+4	0.98	0.76-1.02	y	163	96.0 - 415
13C-2,3,7,8-TCDF	M/M+2	0.86	0.65-0.89	y	92.0	71.0 - 140
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.69	1.32-1.78	y	92.7	76.0 - 130
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.68	1.32-1.78	y	93.1	77.0 - 130
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.48	0.43-0.59	y	100	76.0 - 131
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.48	0.43-0.59	y	103	70.0 - 143
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.49	0.43-0.59	y	95.8	73.0 - 137
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.48	0.43-0.59	y	86.8	74.0 - 135
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.46	0.37-0.51	y	95.2	78.0 - 129
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.46	0.37-0.51	y	80.8	77.0 - 129
13C-OCDF	M+2/M+4	0.95	0.76-1.02	y	150	96.0 - 415
CLEANUP STANDARD (4)						
37Cl-2,3,7,8-TCDD					8.62	7.80 - 12.8

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

(4) No ion abundance ratio; report concentration found.

Analyst: Date: 

FORM 5
PCDD/PCDF RT WINDOW AND ISOMER SPECIFICITY STANDARDS

Lab Name: Frontier Analytical Laboratory Episode No.:
Contract No.: SAS No.:
Instrument ID: FAL3 Initial Calibration Date: 3/7/11
RT Window Data Filename: 19MAY11M Sam:1 Analysis Date: 19-MAY-11 Time: 13:41:40
DB-5 IS Data Filename: 19MAY11M Sam:1 Analysis Date: 19-MAY-11 Time: 13:41:40
DB-225 IS Data Filename: Analysis Date: Time:

DB-5 RT WINDOW DEFINING STANDARDS RESULTS

ISOMERS	ABSOLUTE RT	ISOMERS	ABSOLUTE RT
1,3,6,8-TCDD (F)	24:15	1,3,6,8-TCDF (F)	22:54
1,2,8,9-TCDD (L)	28:11	1,2,8,9-TCDF (L)	28:22
1,2,4,7,9-PeCDD (F)	30:04	1,3,4,6,8-PeCDF (F)	28:14
1,2,3,8,9-PeCDD (L)	33:37	1,2,3,8,9-PeCDF (L)	34:02
1,2,4,6,7,9-HxCDD (F)	35:56	1,2,3,4,6,8-HxCDF (F)	35:04
1,2,3,7,8,9-HxCDD (L)	39:01	1,2,3,7,8,9-HxCDF (L)	39:35
1,2,3,4,6,7,9-HpCDD (F)	42:38	1,2,3,4,6,7,8-HpCDF (F)	42:06
1,2,3,4,6,7,8-HpCDD (L)	43:60	1,2,3,4,7,8,9-HpCDF (L)	44:55

(F) = First eluting isomer (DB-5); (L) = Last eluting isomer (DB-5)

=====

ISOMER SPECIFICITY (IS) TEST STANDARD RESULTS

% VALLEY HEIGHT
BETWEEN
COMPARED PEAKS (1)

<25%

(1) To meet contract requirement, %Valley Height Between Compared Peaks shall not exceed 25% (section 15.4.2.2, Method 1613).

Analyst: 


Date: 5/20/11

USEPA - ITD
FORM 6A
PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory Episode No.:
Contract No.: SAS No.: Init. Cal. Date: 3/7/11
Instrument ID: FAL3 GC Column ID: DB5
Analysis Date: 19-MAY-11 13:41:40 CS3 or VER Data Filename: 19MAY11M Sam:1

NATIVE ANALYTES	RETENTION TIME	RRT	RRT
	REFERENCE		QC LIMITS (1)
2,3,7,8-TCDD	13C-2,3,7,8-TCDD	1.001	0.999-1.002
2,3,7,8-TCDF	13C-2,3,7,8-TCDF	1.001	0.999-1.003
1,2,3,7,8-PeCDD	13C-1,2,3,7,8-PeCDD	1.001	0.999-1.002
1,2,3,7,8-PeCDF	13C-1,2,3,7,8-PeCDF	1.001	0.999-1.002
2,3,4,7,8-PeCDF	13C-2,3,4,7,8-PeCDF	1.000	0.999-1.002
LABELED COMPOUNDS			
37Cl-2,3,7,8-TCDD	13C-1,2,3,4-TCDD	1.022	0.989-1.052
13C-2,3,7,8-TCDD		1.022	0.976-1.043
13C-2,3,7,8-TCDF		0.994	0.923-1.103
13C-1,2,3,7,8-PeCDD		1.240	1.000-1.567
13C-1,2,3,7,8-PeCDF		1.175	0.923-1.203
13C-2,3,4,7,8-PeCDF		1.224	0.923-1.303

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst:  Date: 5/20/11

FORM 6B
PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5


Analysis Date: 19-MAY-11 13:41:40 CS3 or VER Data Filename: 19MAY11M Sam:1

NATIVE ANALYTES	RETENTION TIME		RRT	RRT QC LIMITS (1)
	REFERENCE	REFERENCE		
1,2,3,4,7,8-HxCDD	13C-1,2,3,4,7,8-HxCDD		1.000	0.999-1.001
1,2,3,6,7,8-HxCDD	13C-1,2,3,6,7,8-HxCDD		1.000	0.998-1.004
1,2,3,7,8,9-HxCDD	13C-1,2,3,6,7,8-HxCDD		1.012	1.000-1.019
1,2,3,4,7,8-HxCDF	13C-1,2,3,4,7,8-HxCDF		1.001	0.999-1.001
1,2,3,6,7,8-HxCDF	13C-1,2,3,6,7,8-HxCDF		1.000	0.997-1.005
2,3,4,6,7,8-HxCDF	13C-2,3,4,6,7,8-HxCDF		1.001	0.999-1.001
1,2,3,7,8,9-HxCDF	13C-1,2,3,7,8,9-HxCDF		1.000	0.999-1.001
1,2,3,4,6,7,8-HpCDD	13C-1,2,3,4,6,7,8-HpCDD		1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDF	13C-1,2,3,4,6,7,8-HpCDF		1.001	0.999-1.001
1,2,3,4,7,8,9-HpCDF	13C-1,2,3,4,7,8,9-HpCDF		1.001	0.999-1.001
OCDD	13C-OCDD		1.001	0.999-1.001
OCDF	13C-OCDF		1.001	0.999-1.001


LABELED COMPOUNDS

13C-1,2,3,4,7,8-HxCDD	13C-1,2,3,7,8,9-HxCDD	0.985	0.977-1.000
13C-1,2,3,6,7,8-HxCDD		0.989	0.981-1.003
13C-1,2,3,4,7,8-HxCDF		0.949	0.944-0.970
13C-1,2,3,6,7,8-HxCDF		0.954	0.949-0.975
13C-2,3,4,6,7,8-HxCDF		0.978	0.959-1.021
13C-1,2,3,7,8,9-HxCDF		1.015	0.977-1.047
13C-1,2,3,4,6,7,8-HpCDD		1.128	1.086-1.130
13C-1,2,3,4,6,7,8-HpCDF		1.079	1.043-1.085
13C-1,2,3,4,7,8,9-HpCDF		1.151	1.057-1.154
13C-OCDD		1.269	1.032-1.311
13C-OCDF		1.279	1.000-1.311

(1) Contract-required limits for Relative Retention Times (RRT) as specified
in Table 2, Method 1613.

Analyst: Date: 5/20/11

Name	Resp	RA	RT	RRF	Conc	Qual	Fac	Noise-1	Noise-2	DL	
2,3,7,8-TCDD	2.79e+06	0.78 y	27:14	1.13	10.3		2.50	-	-	*	
1,2,3,7,8-PeCDD	1.18e+07	1.57 y	33:03	1.02	52.7		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.07e+07	1.30 y	38:24	1.45	47.3		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	9.74e+06	1.31 y	38:34	1.45	49.4		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.08e+07	1.28 y	39:01	1.47	50.3		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	7.49e+06	0.91 y	44:00	1.30	50.5		2.50	-	-	*	
OCDD	1.02e+07	0.95 y	49:31	1.45	100		2.50	-	-	*	
2,3,7,8-TCDF	4.76e+06	0.66 y	26:29	1.15	10.8		2.50	-	-	*	
1,2,3,7,8-PeCDF	1.43e+07	1.61 y	31:19	0.89	49.0		2.50	-	-	*	
2,3,4,7,8-PeCDF	1.38e+07	1.59 y	32:37	0.89	48.5		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	1.20e+07	1.21 y	37:01	1.01	45.5		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.38e+07	1.24 y	37:12	0.89	46.2		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.20e+07	1.22 y	38:09	1.02	46.8		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.25e+07	1.24 y	39:35	1.10	46.5		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	9.15e+06	1.05 y	42:06	1.48	46.3		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	6.07e+06	1.06 y	44:55	1.43	48.4		2.50	-	-	*	
OCDF	9.58e+06	0.92 y	49:52	0.84	91.4		2.50	-	-	*	
Rec											
13C-2,3,7,8-TCDD	2.39e+07	0.79 y	27:12	1.03	89.4					89.4	
13C-1,2,3,7,8-PeCDD	2.20e+07	1.74 y	33:01	1.01	83.7					83.7	
13C-1,2,3,4,7,8-HxCDD	1.57e+07	1.26 y	38:24	1.19	92.8					92.8	
13C-1,2,3,6,7,8-HxCDD	1.36e+07	1.24 y	38:33	0.94	102					102	
13C-1,2,3,4,6,7,8-HpCDD	1.14e+07	1.04 y	43:58	0.83	97.1					97.1	
13C-OCDD	1.41e+07	0.98 y	49:29	0.61	163					81.5	
13C-2,3,7,8-TCDF	3.84e+07	0.86 y	26:28	0.98	92.0					92.0	
13C-1,2,3,7,8-PeCDF	3.28e+07	1.69 y	31:18	0.83	92.7					92.7	
13C-2,3,4,7,8-PeCDF	3.19e+07	1.68 y	32:36	0.80	93.1					93.1	
13C-1,2,3,4,7,8-HxCDF	2.62e+07	0.48 y	36:59	1.84	100					100	
13C-1,2,3,6,7,8-HxCDF	3.35e+07	0.48 y	37:12	2.29	103					103	
13C-2,3,4,6,7,8-HxCDF	2.53e+07	0.49 y	38:07	1.86	95.8					95.8	
13C-1,2,3,7,8,9-HxCDF	2.44e+07	0.48 y	39:34	1.98	86.8					86.8	
13C-1,2,3,4,6,7,8-HpCDF	1.33e+07	0.46 y	42:04	0.99	95.2					95.2	
13C-1,2,3,4,7,8,9-HpCDF	8.80e+06	0.46 y	44:53	0.77	80.8					80.8	
13C-OCDF	2.49e+07	0.95 y	49:51	1.17	150					75.1	
37Cl-2,3,7,8-TCDD	1.63e+06		27:13	0.73	8.62					86.2	
13C-1,2,3,4-TCDD	2.60e+07	0.78 y	26:38	-	68.4						
13C-1,2,3,4-TCDF	4.27e+07	0.87 y	25:23	-	59.3						
13C-1,2,3,7,8,9-HxCDD	1.42e+07	1.28 y	38:59	-	57.3						
							Fac	Noise-1	Noise-2	DL	#Hom
Total Tetra-Dioxins	1.51e+07		22:50	1.13	55.8	2.50	-	-	*	22	
Total Penta-Dioxins	2.64e+07		30:04	1.02	118	2.50	-	-	*	13	
Total Hexa-Dioxins	3.64e+07		35:56	1.46	171	2.50	-	-	*	19	
Total Hepta-Dioxins	1.63e+07		42:38	1.30	110	2.50	-	-	*	20	
Total Tetra-Furans	2.39e+07		22:54	1.15	54.2	2.50	-	-	*	28	
1st Fn. Tot Penta-Furans	1.96e+07		28:14	0.89	68.2	2.50	-	-	*	PeCDF 1	
Total Penta-Furans	4.10e+07		29:50	0.89	142	2.50	-	-	*	211 17	
Total Hexa-Furans	5.98e+07		35:04	1.00	219	2.50	-	-	*	26	
Total Hepta-Furans	1.57e+07		42:06	1.46	97.8	2.50	-	-	*	22	

Analyst:  Date: 5/20/11

Frontier Analytical Laboratory - Acquisition Log

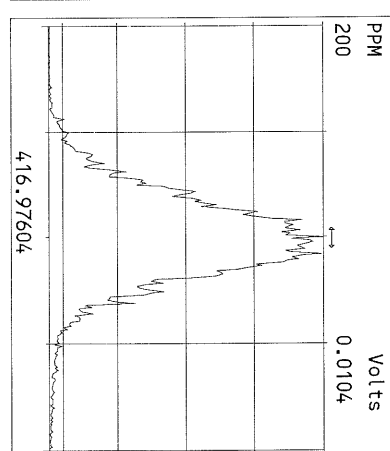
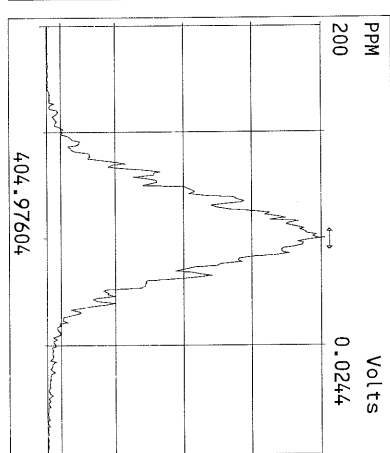
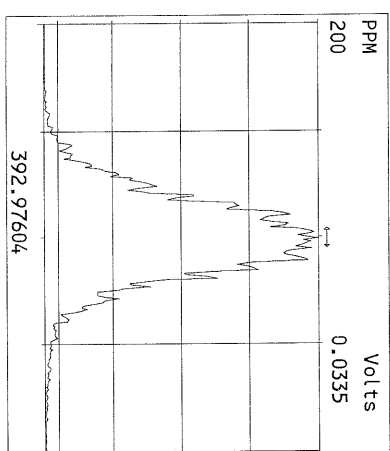
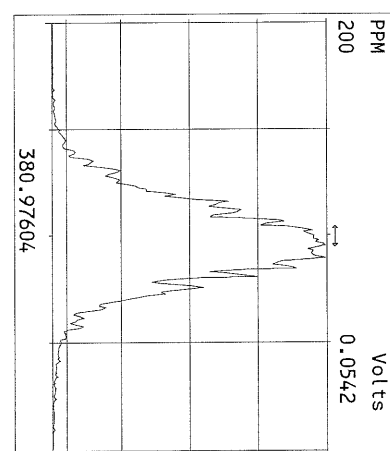
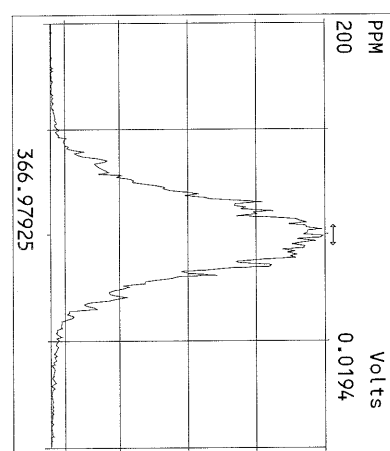
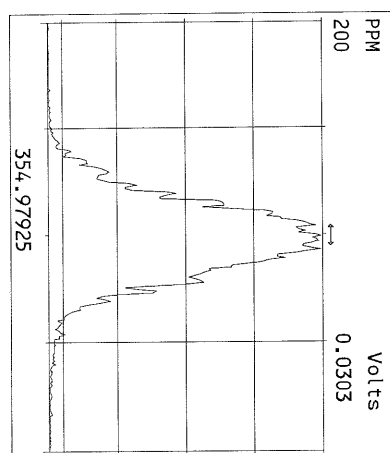
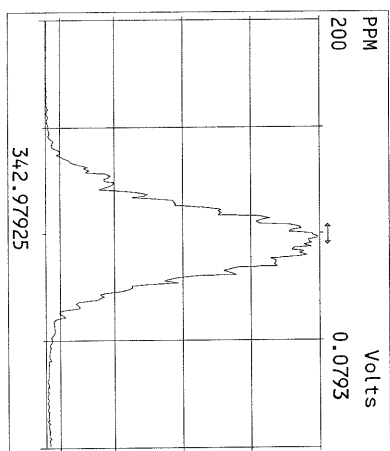
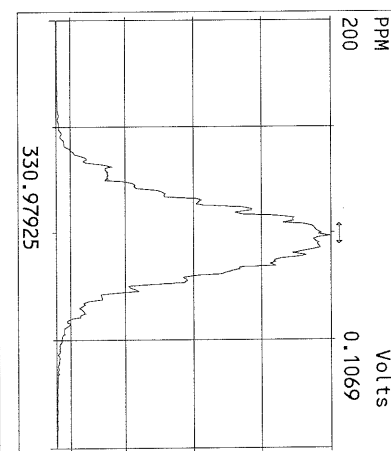
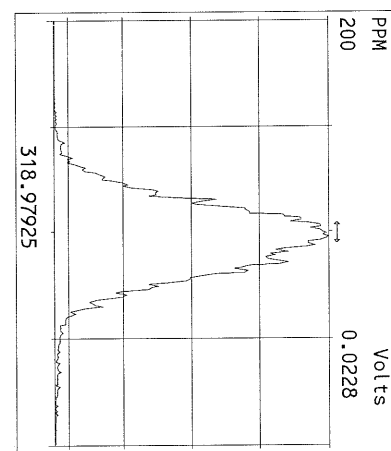
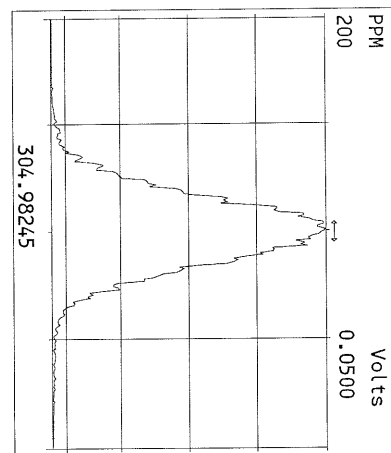
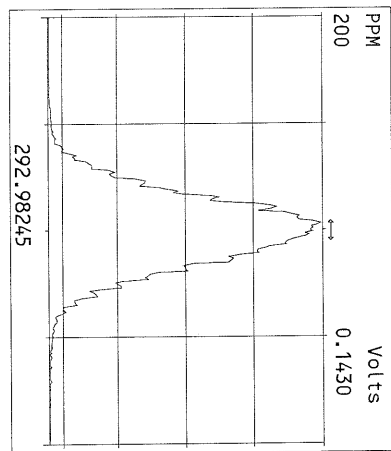
Run Name:19MAY11M Instrument: FAL3 GC: DB5 Experiment:OCDD

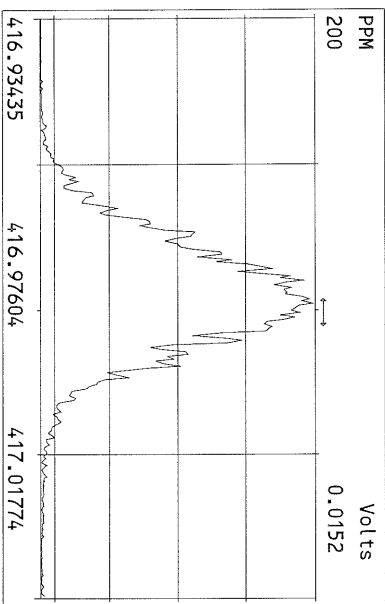
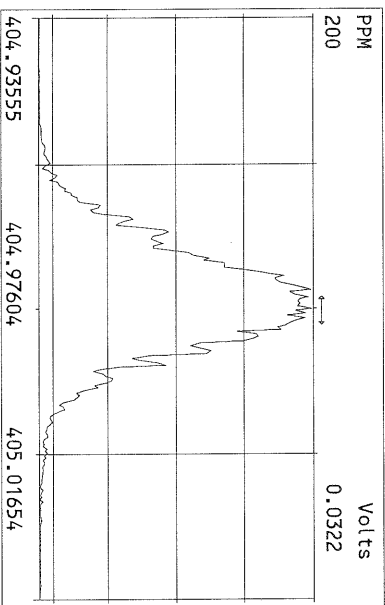
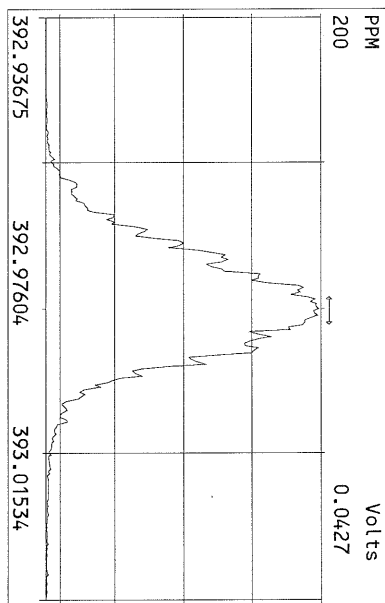
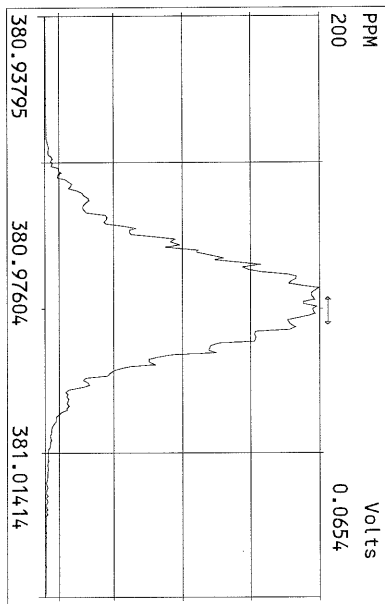
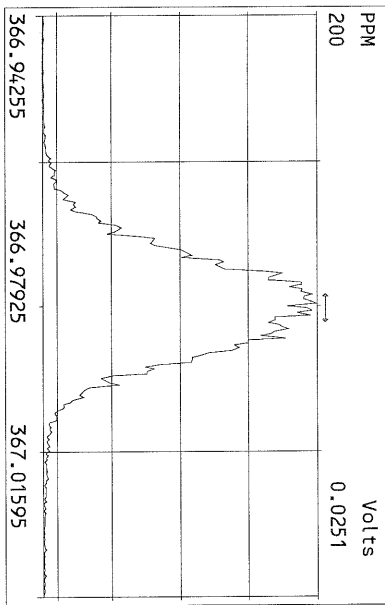
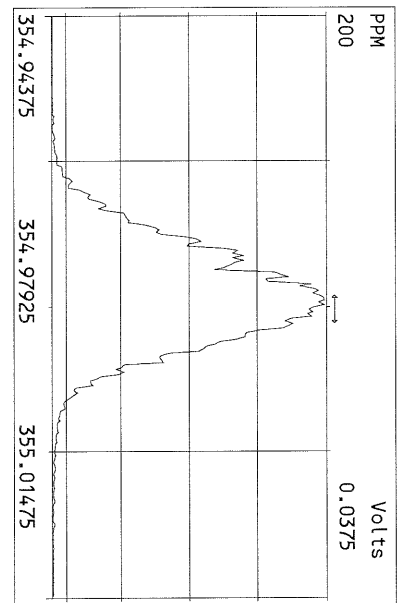
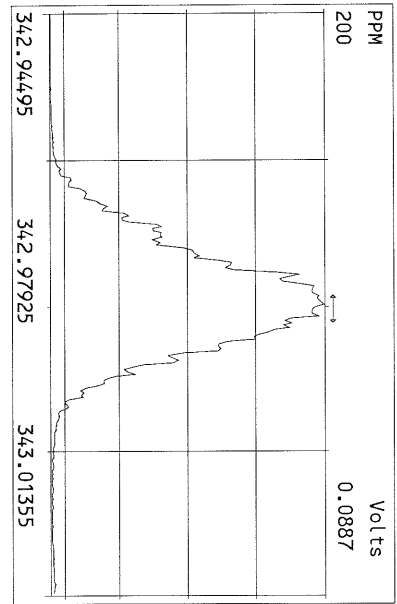
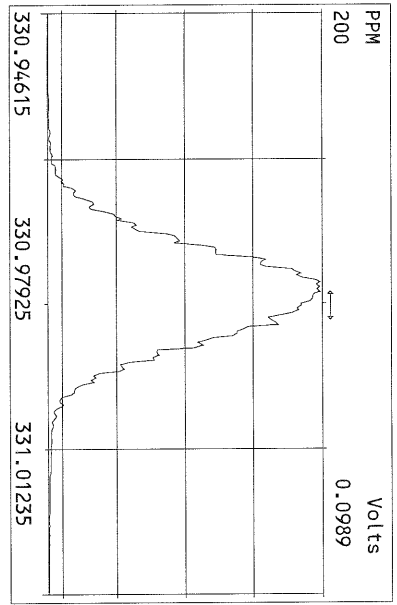
Data File	S	FAL ID	Client ID	Acquired	ConCal	EndCal	Analyst
19MAY11M	1	ST051811M1	1613 CS3 100511J	19-MAY-11 13:41:40	ST051911M1	ST051911M2	TC
19MAY11M	2	QC051911M1	QC1	19-MAY-11 14:37:03	ST051911M1	ST051911M2	TC
19MAY11M	3	QC051911M2	QC2	19-MAY-11 15:32:26	ST051911M1	ST051911M2	TC
19MAY11M	4	QC051911M3	QC3	19-MAY-11 16:27:48	ST051911M1	ST051911M2	TC
19MAY11M	5	2294-001-0001-OPR	OPR	19-MAY-11 17:23:07	ST051911M1	ST051911M2	TC
19MAY11M	6	2294-001-0001-MB	Method Blank	19-MAY-11 18:18:30	ST051911M1	ST051911M2	TC
19MAY11M	7	6743-001-0001-SA	MW-01-042911	19-MAY-11 19:13:53	ST051911M1	ST051911M2	TC
19MAY11M	8	6743-002-0001-SA	MW-01-042911-D	19-MAY-11 20:09:21	ST051911M1	ST051911M2	TC
19MAY11M	9	6744-001-0001-SA	B312-042911	19-MAY-11 21:04:44	ST051911M1	ST051911M2	TC
19MAY11M	10	6744-002-0001-SA	B310-042911	19-MAY-11 22:00:06	ST051911M1	ST051911M2	TC
19MAY11M	11	6744-003-0001-SA	B311-042911	19-MAY-11 22:55:29	ST051911M1	ST051911M2	TC
19MAY11M	12	6758-001-0001-SA	D AVILLA S.I.	19-MAY-11 23:50:48	ST051911M1	ST051911M2	TC
19MAY11M	13	6759-001-0001-SA	CARRIAGE HILL S.I.	20-MAY-11 00:46:10	ST051911M1	ST051911M2	TC
19MAY11M	14	SB051911M1	Solvent Blank	20-MAY-11 01:41:37	ST051911M1	ST051911M2	TC
19MAY11M	15	ST051911M2	1613 CS3 100511J	20-MAY-11 02:37:00	ST051911M1	ST051911M2	TC
19MAY11M	16	ST051911M3	8280 CS3 071227J	20-MAY-11 03:32:21	ST051911M3	ST051911M4	TC
19MAY11M	17	2295-001-0001-OPR	OPR	20-MAY-11 04:27:45	ST051911M3	ST051911M4	TC
19MAY11M	18	2295-001-0001-MB	Method Blank	20-MAY-11 05:23:07	ST051911M3	ST051911M4	TC
19MAY11M	19	6763-001-0001-SA	1104316-01	20-MAY-11 06:18:30	ST051911M3	ST051911M4	TC
19MAY11M	20	6763-002-0001-SA	1104316-02	20-MAY-11 07:13:48	ST051911M3	ST051911M4	TC
19MAY11M	21	SB051911M2	Solvent Blank	20-MAY-11 08:09:07	ST051911M3	ST051911M4	TC
19MAY11M	22	ST051911M4	8280 CS1 071227H	20-MAY-11 09:04:30	ST051911M3	ST051911M4	TC

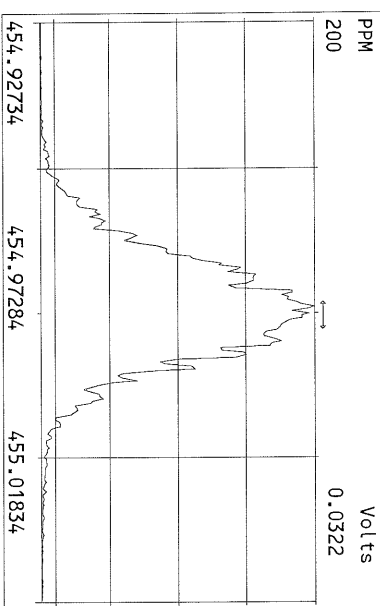
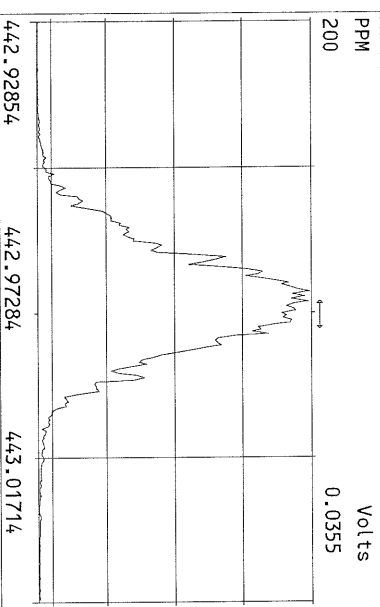
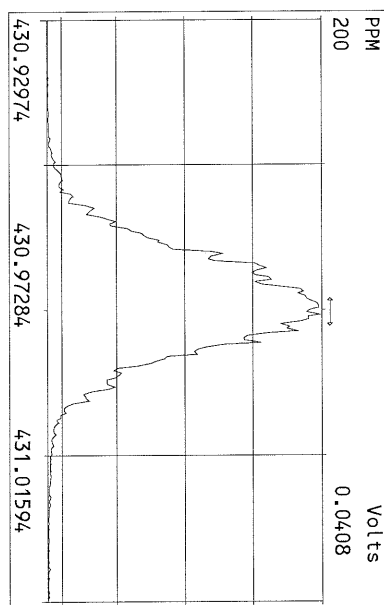
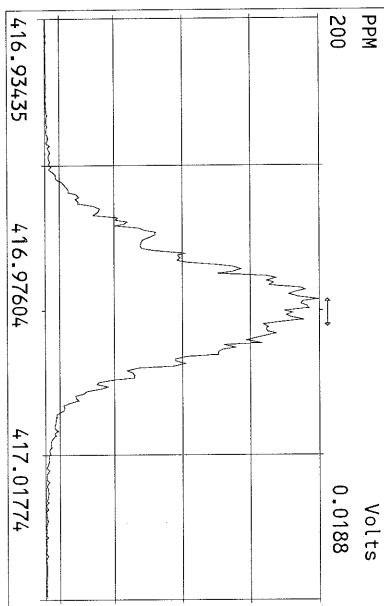
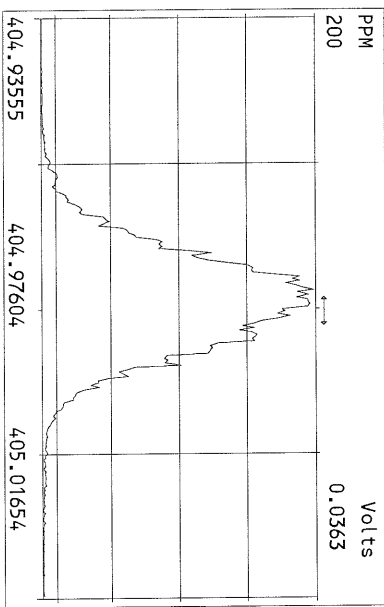
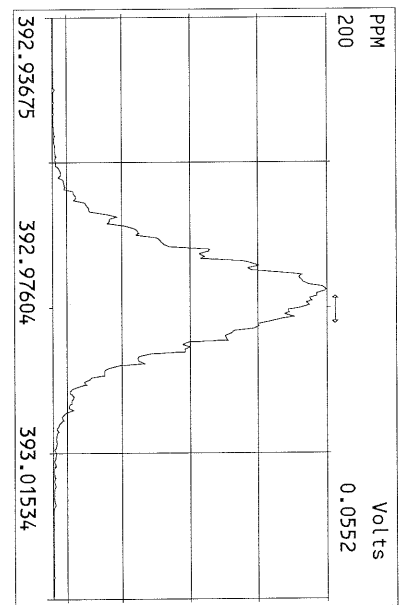
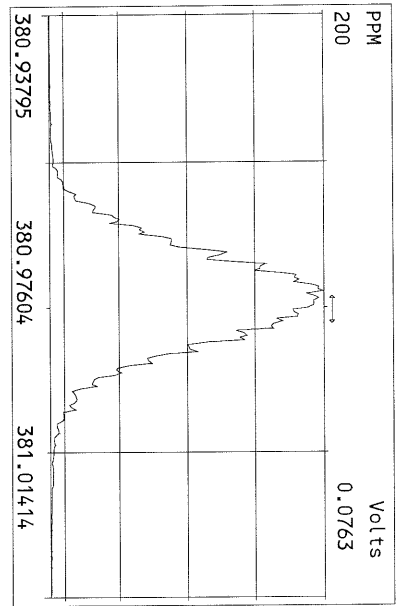
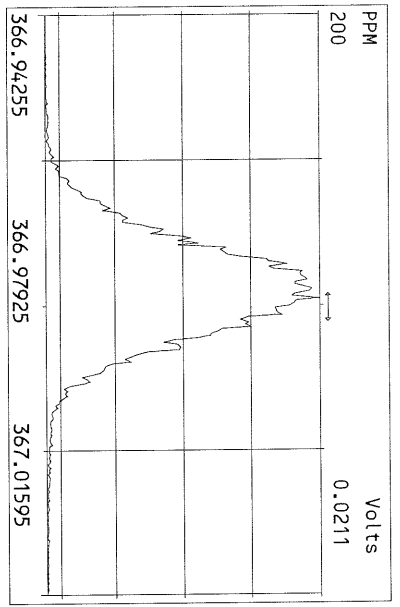
E. Stoller

Data Backed Up: _____

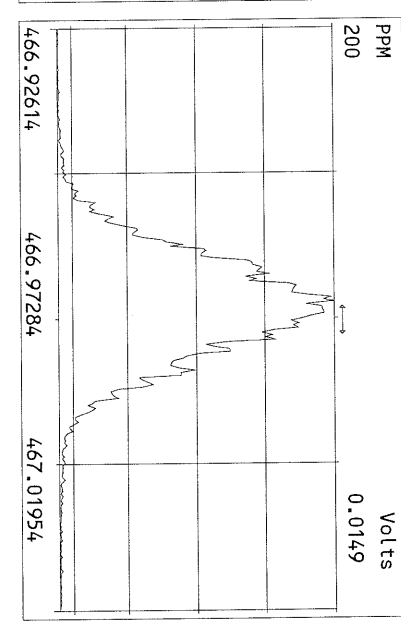
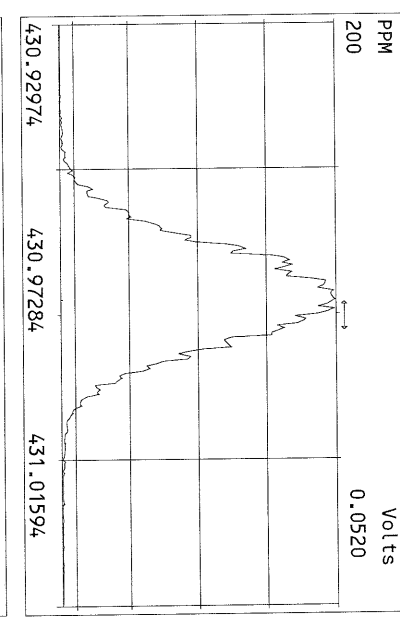
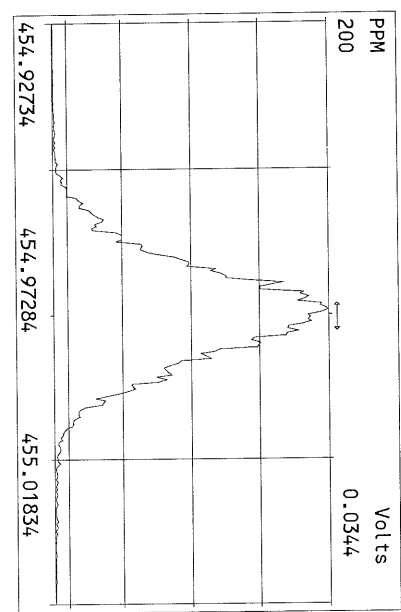
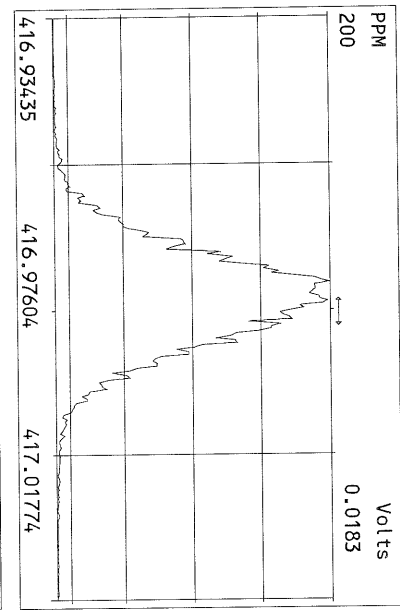
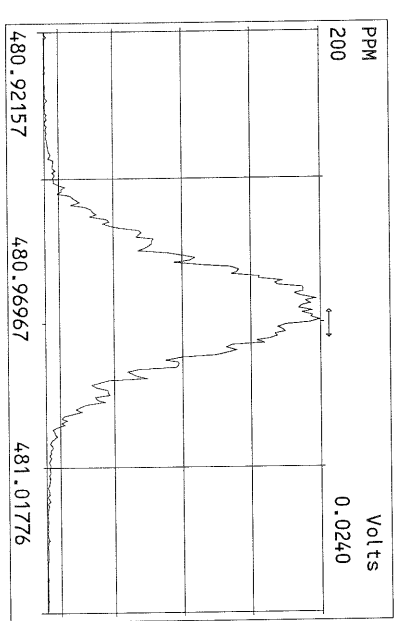
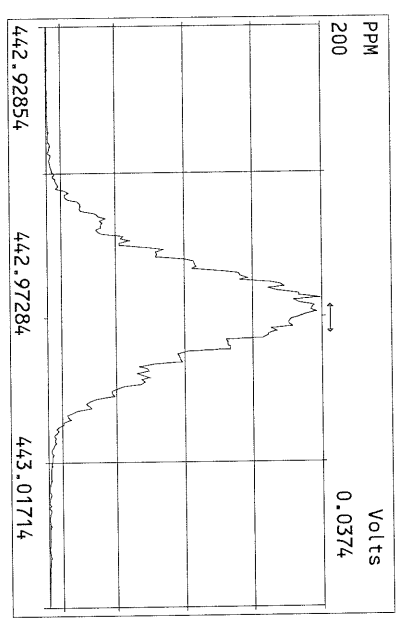
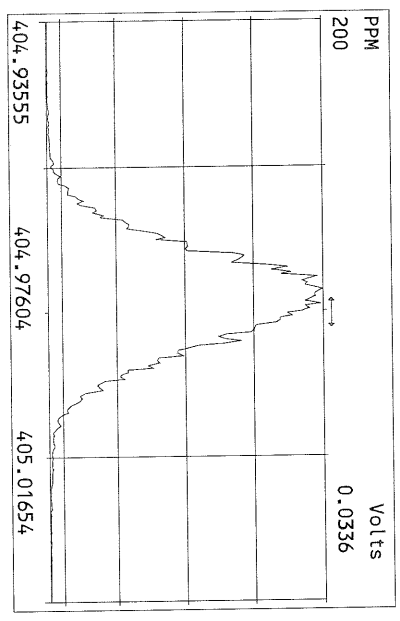
Date: _____

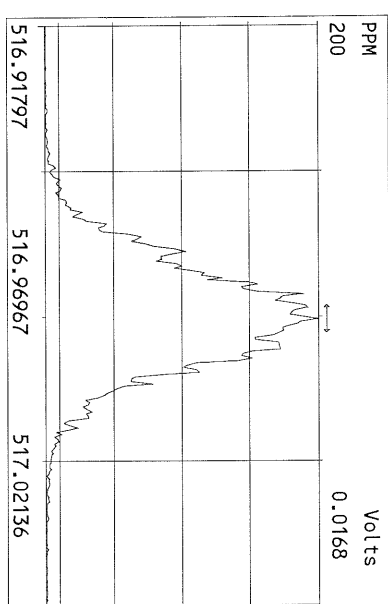
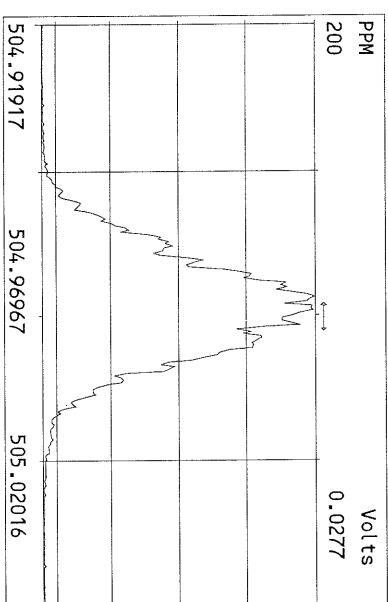
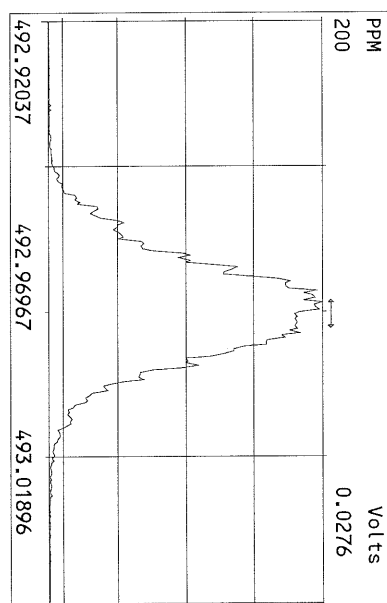
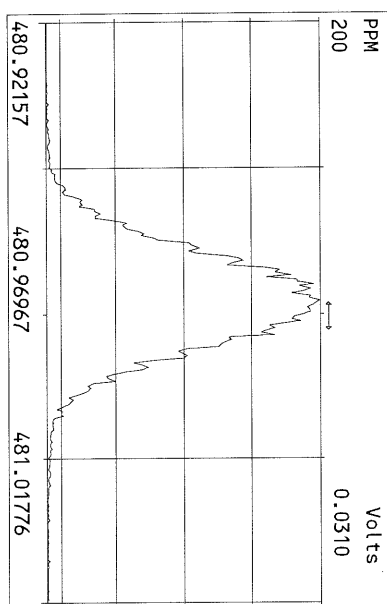
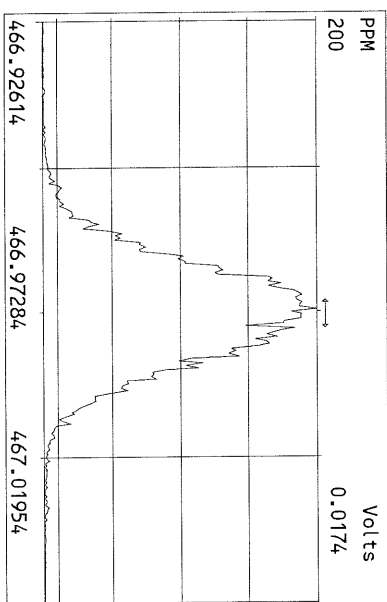
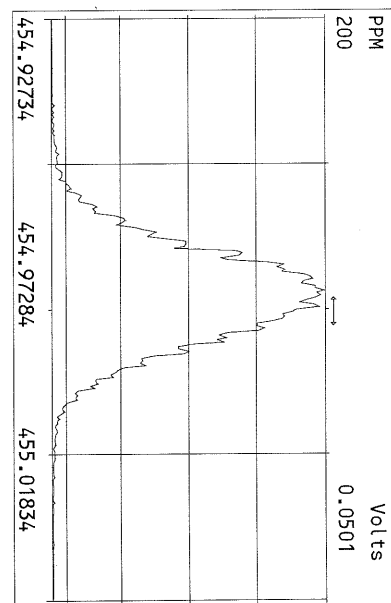
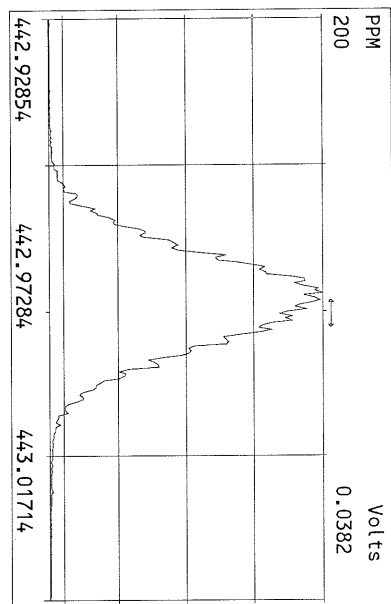
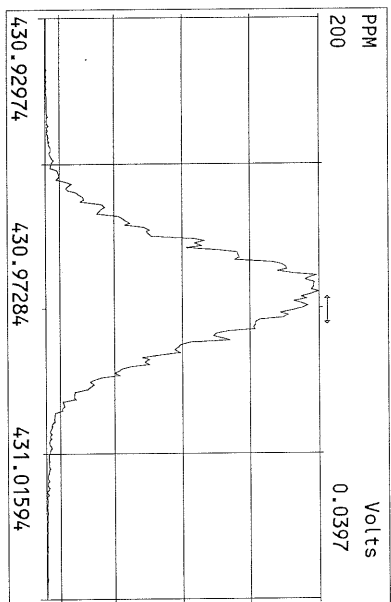




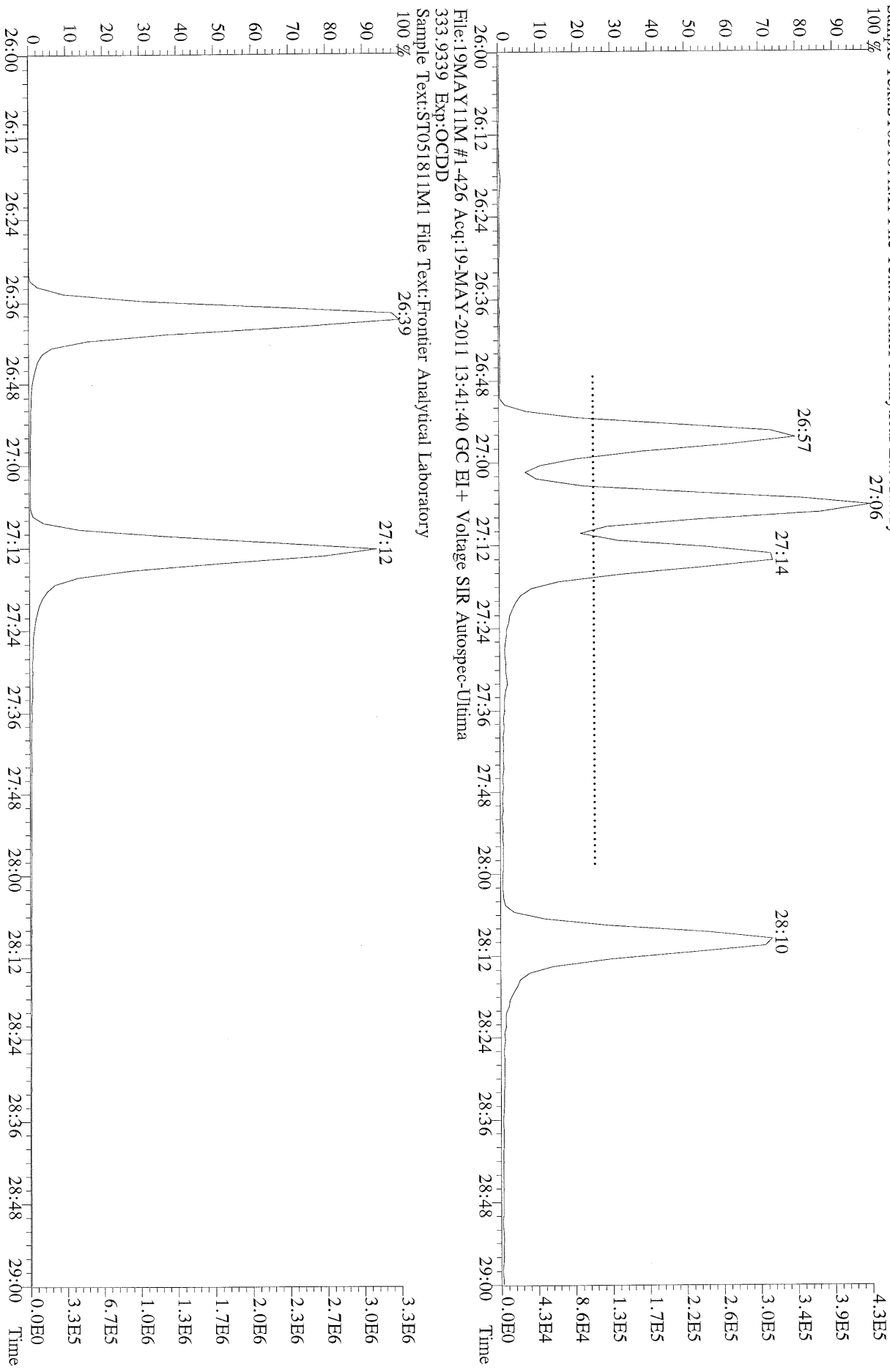


Peak Locate Examination:19-MAY-2011:13:41 File:19MAY11M
Experiment:OCDD Function:4 Reference:PFK

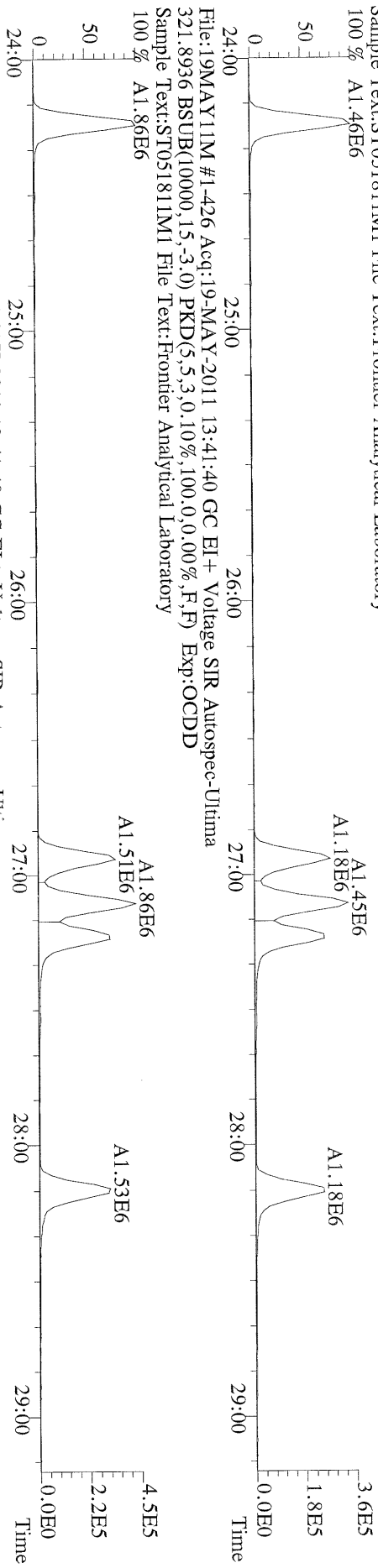




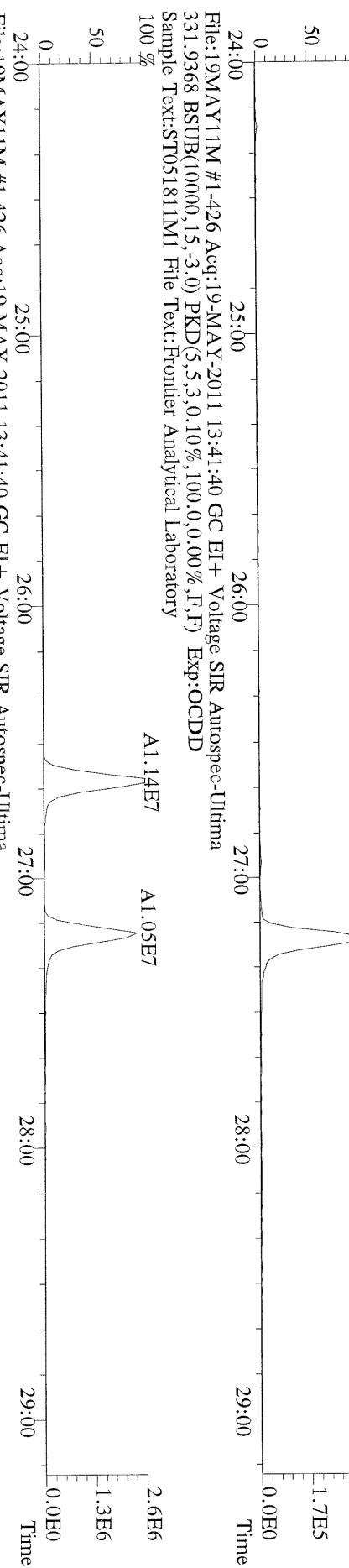
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
321.8936 Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



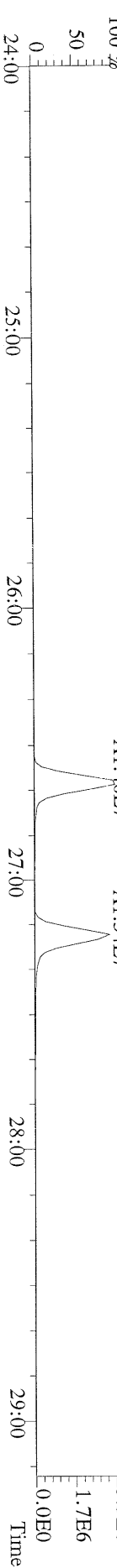
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI + Voltage SIR Autospec-Ultima
319.8965 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



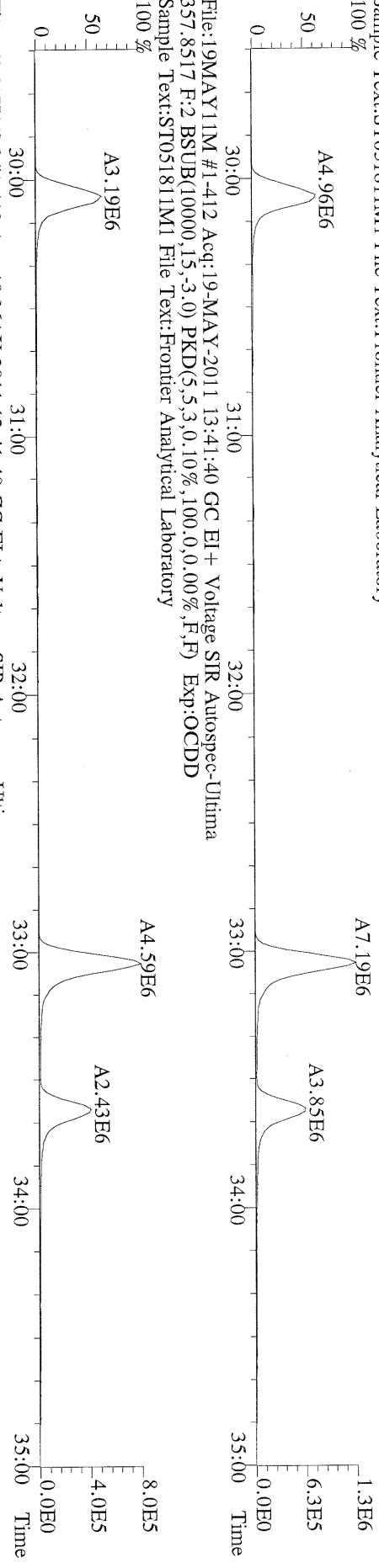
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI + Voltage SIR Autospec-Ultima
327.8847 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



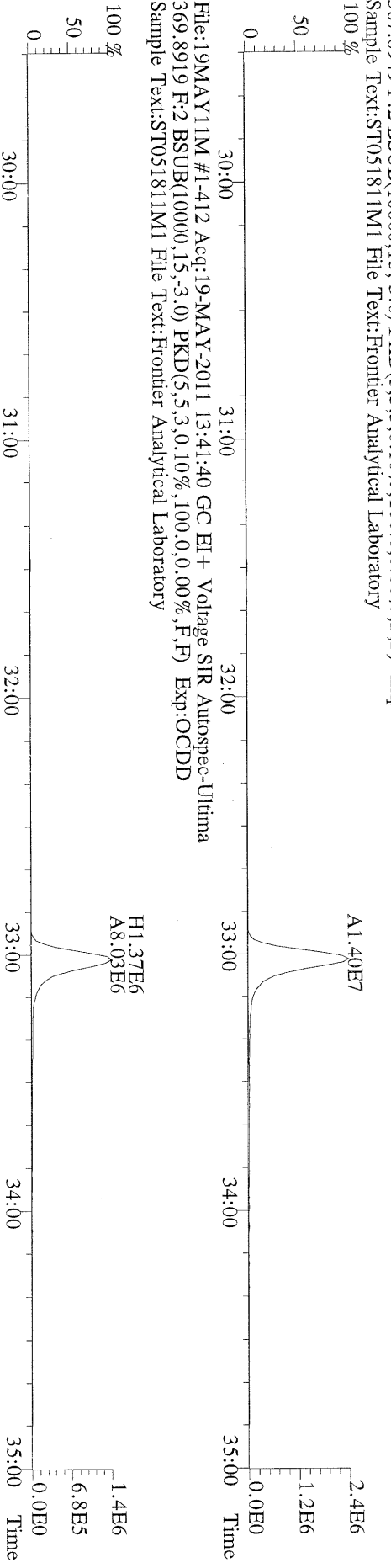
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI + Voltage SIR Autospec-Ultima
333.9339 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



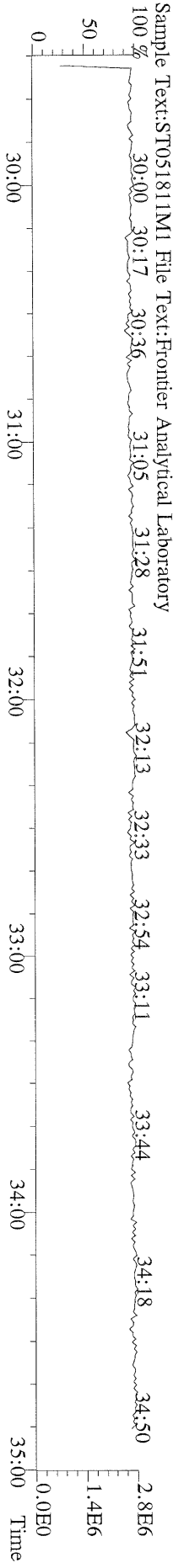
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
355.8546 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



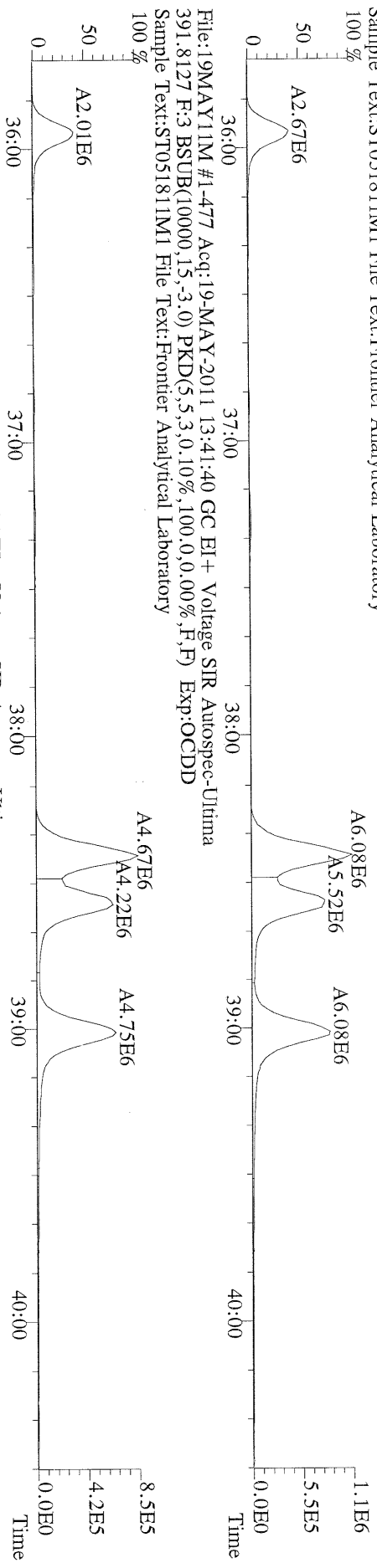
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
367.8949 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



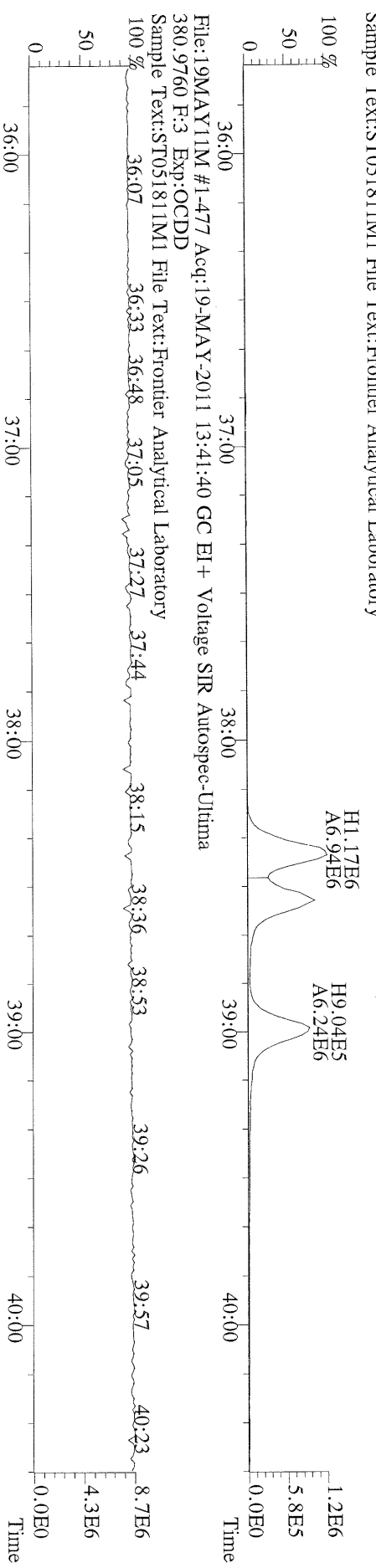
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
366.9792 F:2 Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



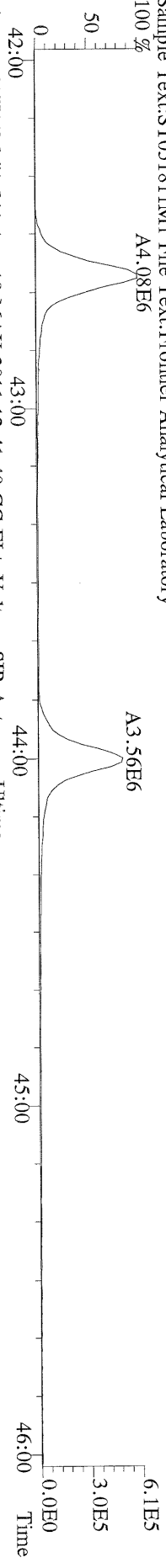
File:19MAY11M1 #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



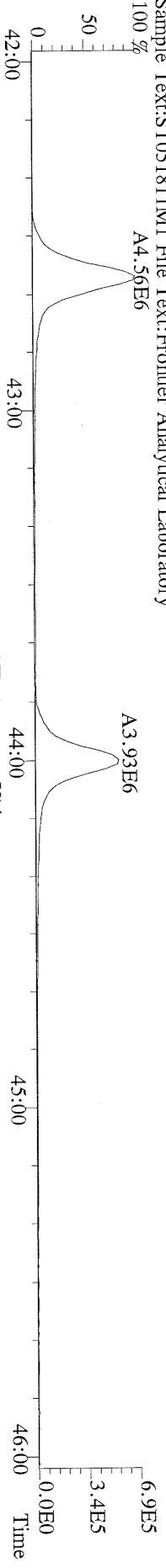
File:19MAY11M1 #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 F:3 BSUB(10000,15,-3.0) PKD(5.5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



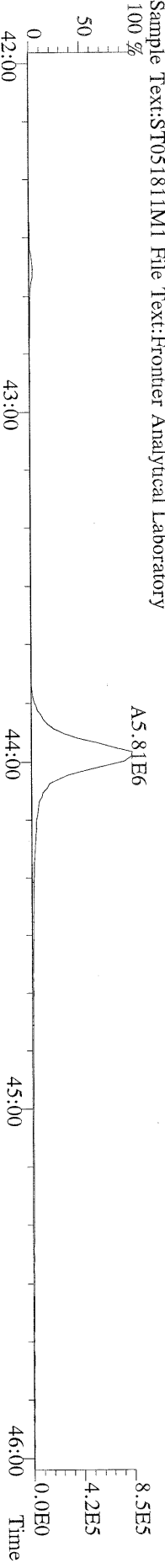
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 423.7767 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



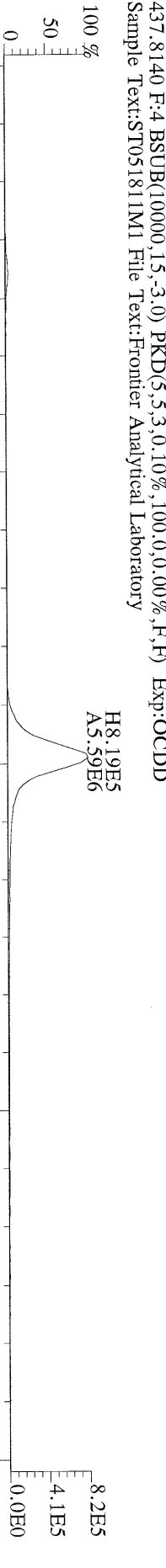
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 425.7737 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



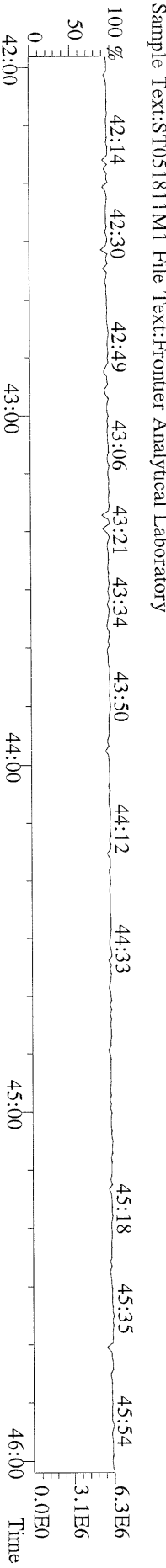
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 435.8169 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



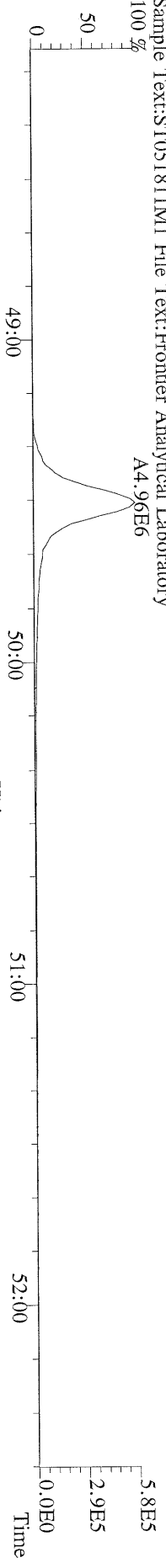
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 437.8140 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



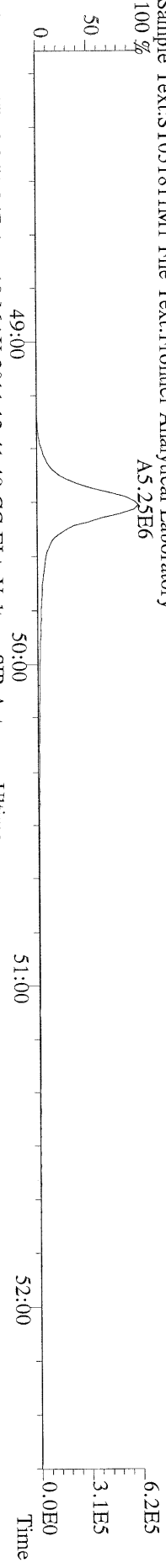
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 430.9728 F:4 Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



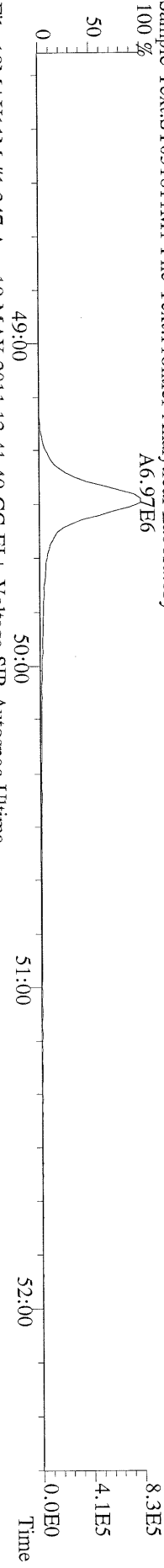
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 457.7377 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



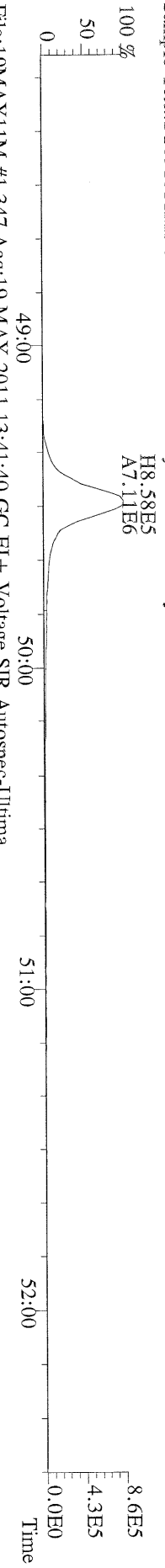
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 459.7348 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



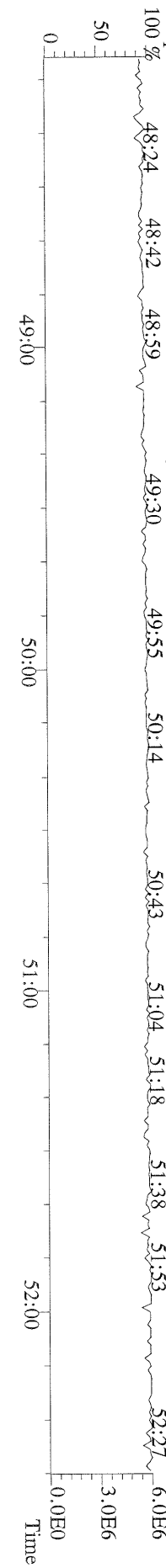
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 469.7780 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



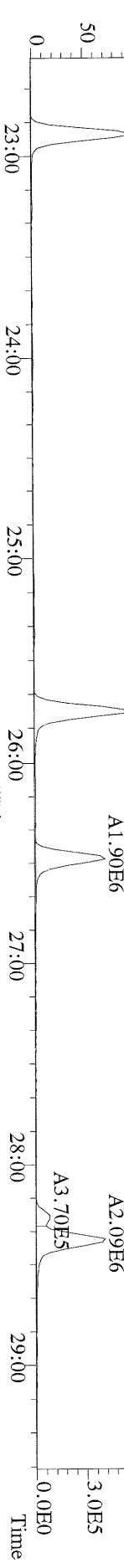
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 471.7750 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



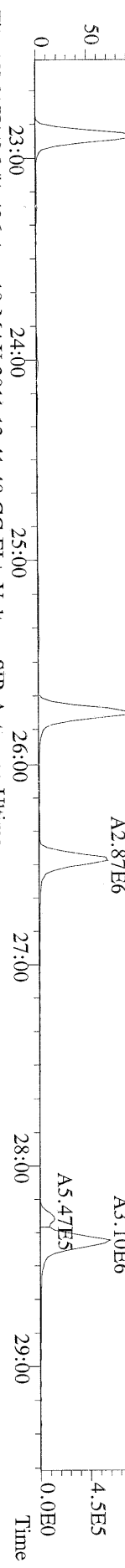
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 454.9728 F:5 Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



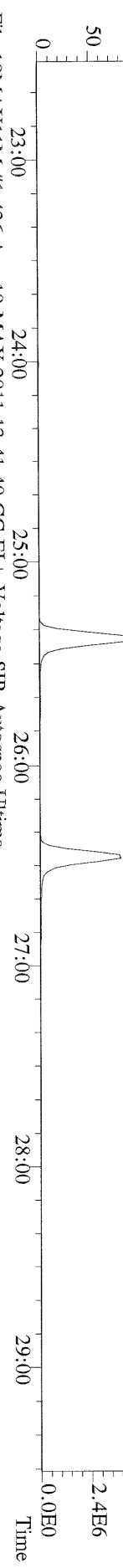
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



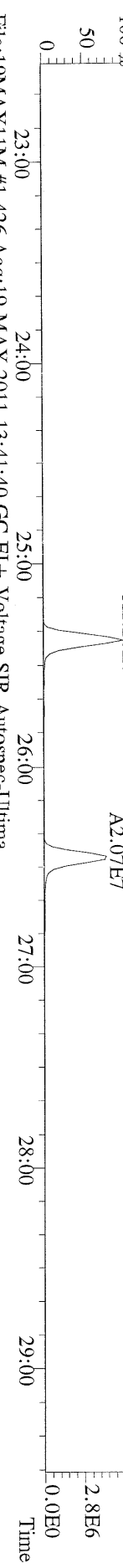
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 305.8987 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



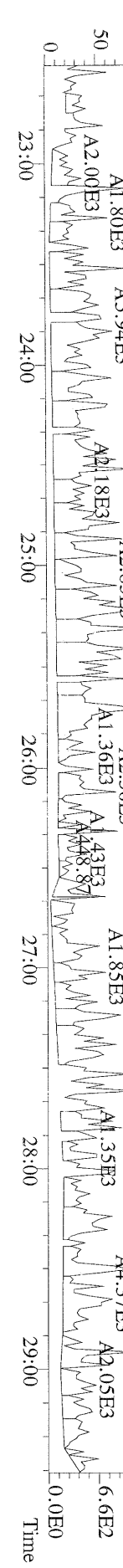
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



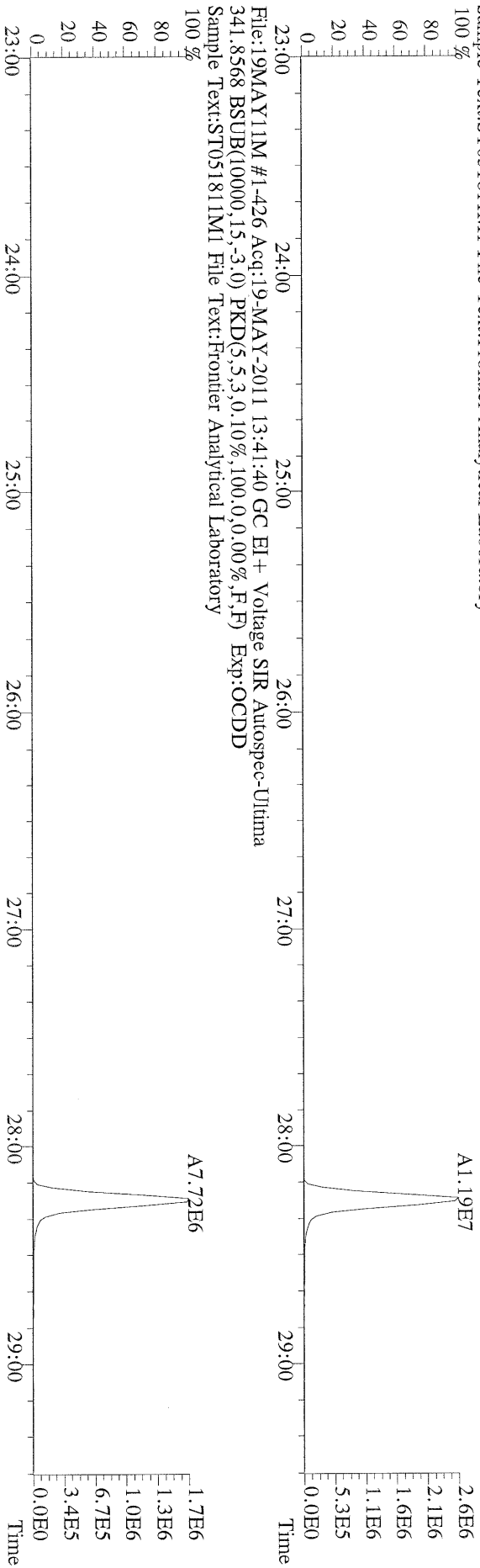
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



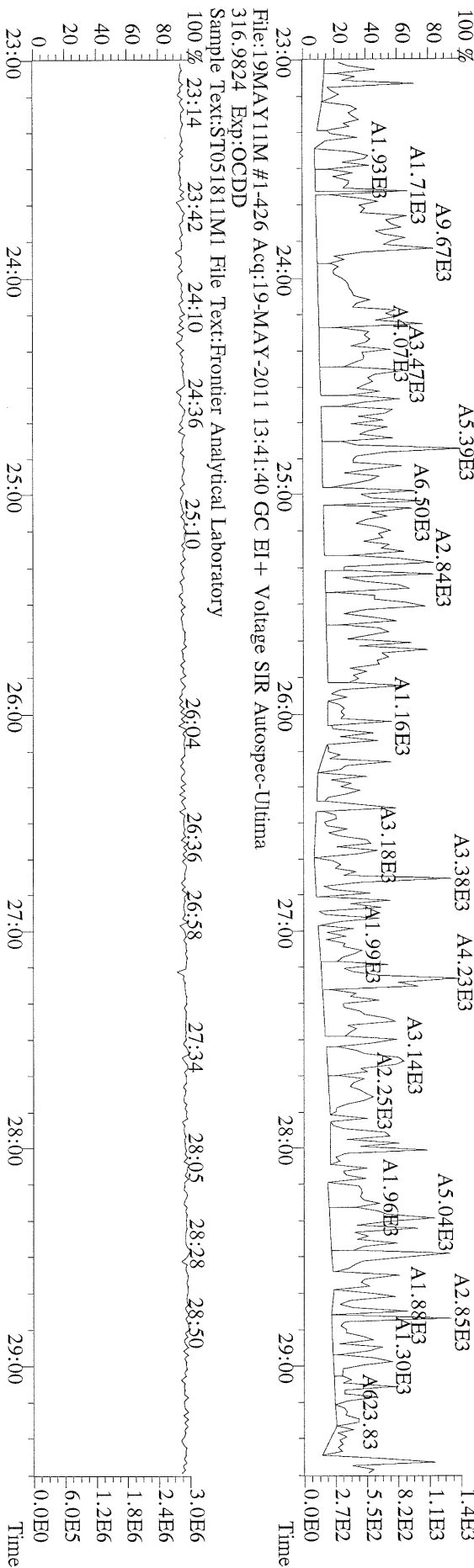
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 BSUB(10000,15,-3.0) PKD(5,5,3.0,10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



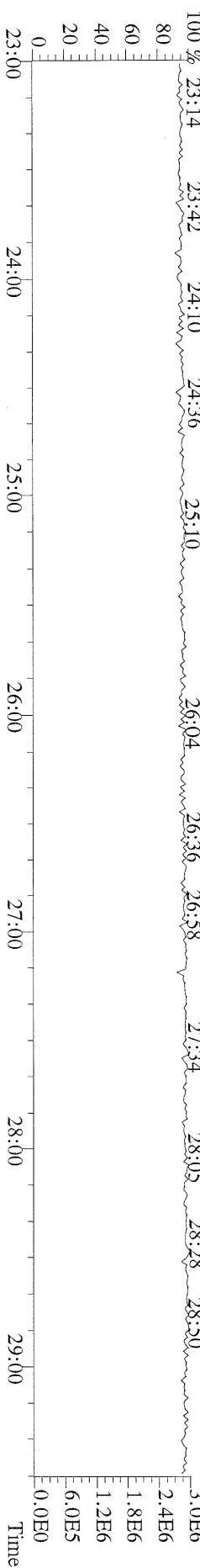
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



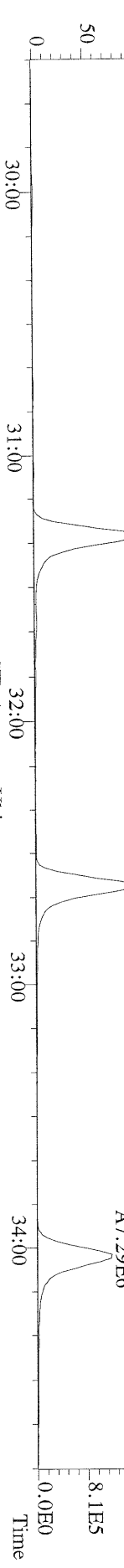
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



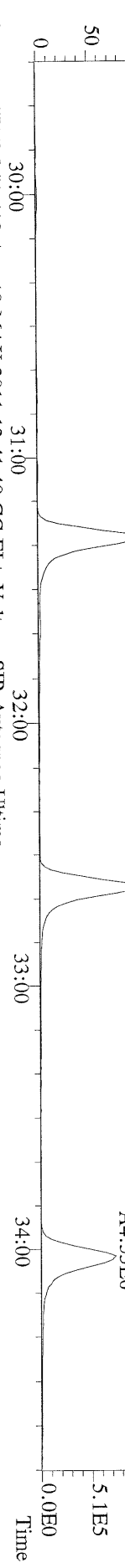
File:19MAY11M #1-426 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 316.9824 Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



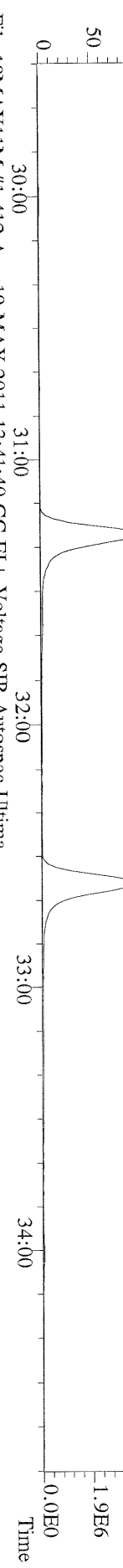
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



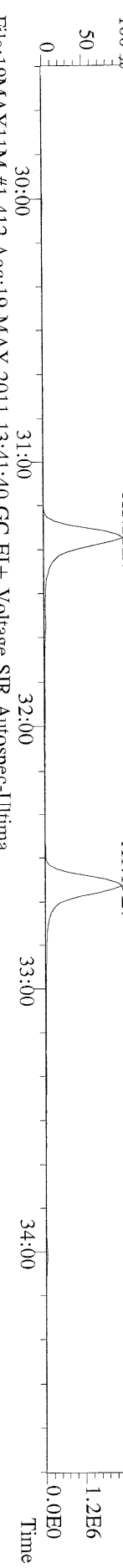
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



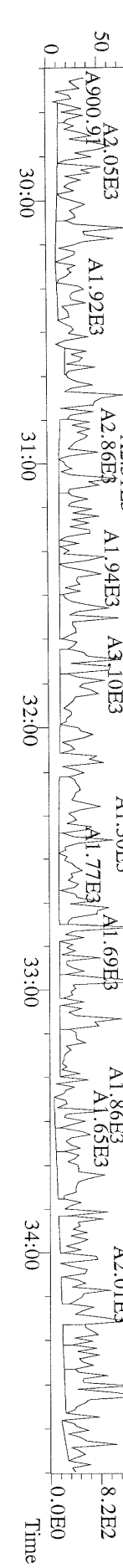
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



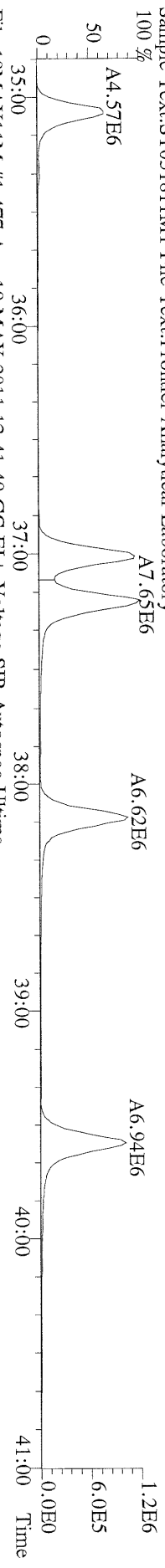
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



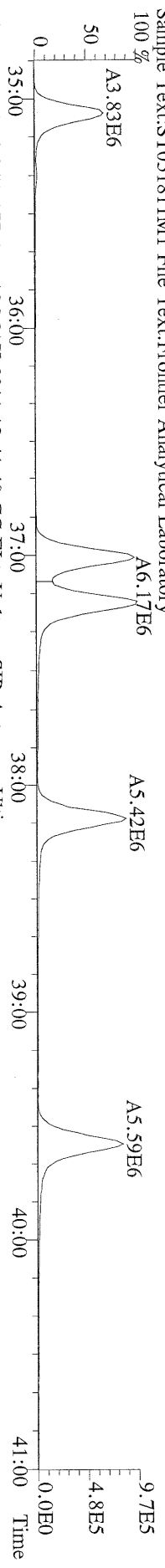
File:19MAY11M #1-412 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 409.7974 F:2 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



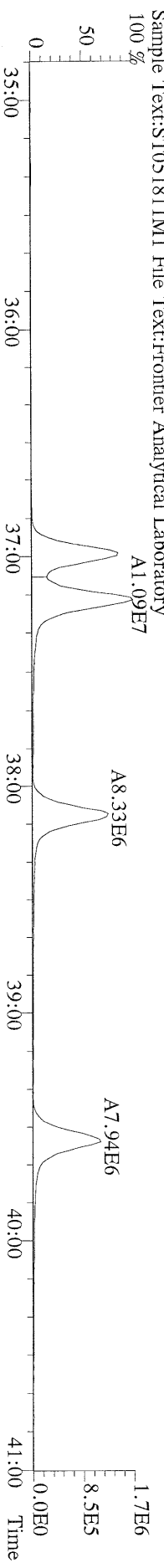
File:19MAY11M #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 373.8207 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



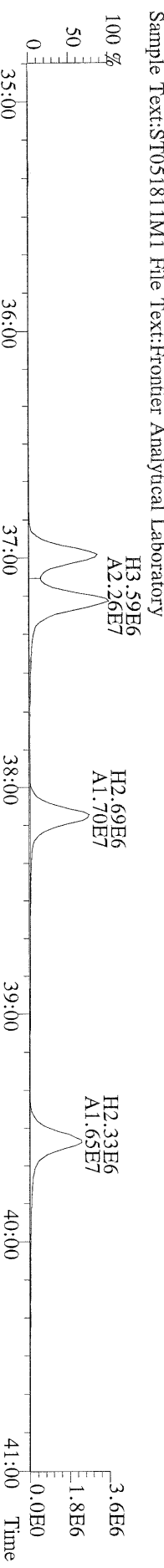
File:19MAY11M #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 375.8178 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



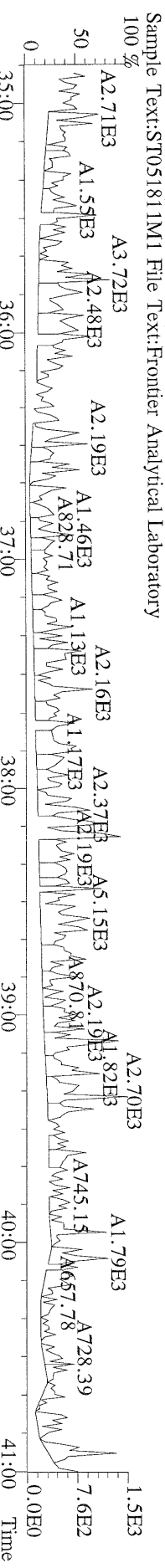
File:19MAY11M #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 383.8639 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



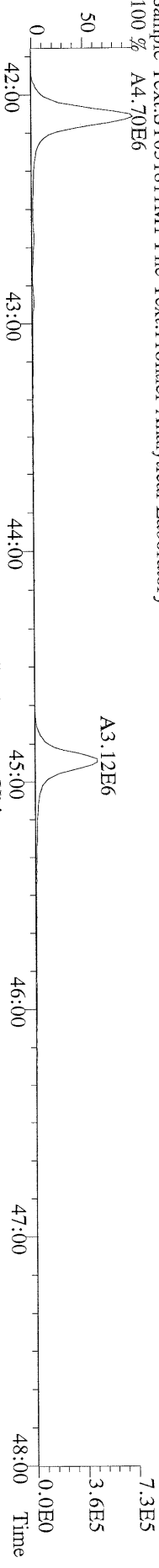
File:19MAY11M #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 385.8610 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



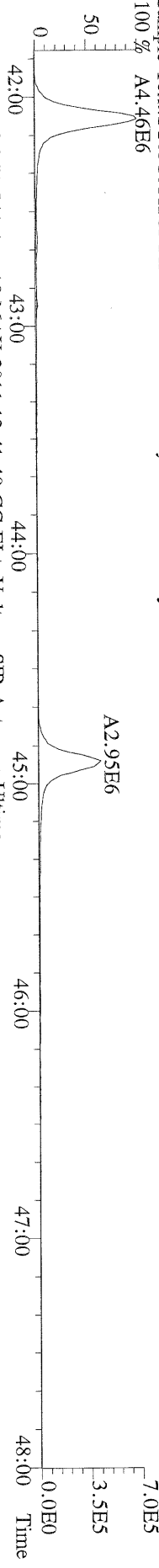
File:19MAY11M #1-477 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 445.7555 F:3 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



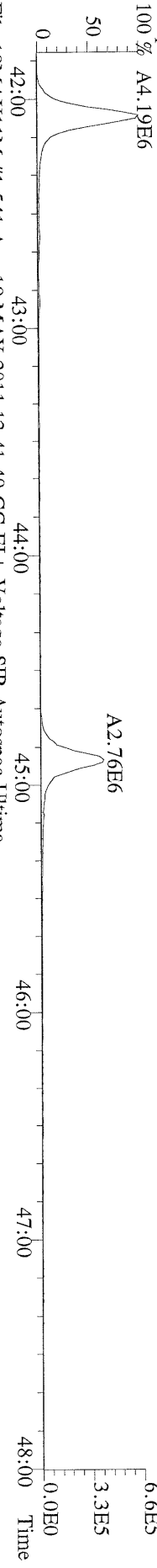
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 407.7818 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory
 100 % A4.70E6



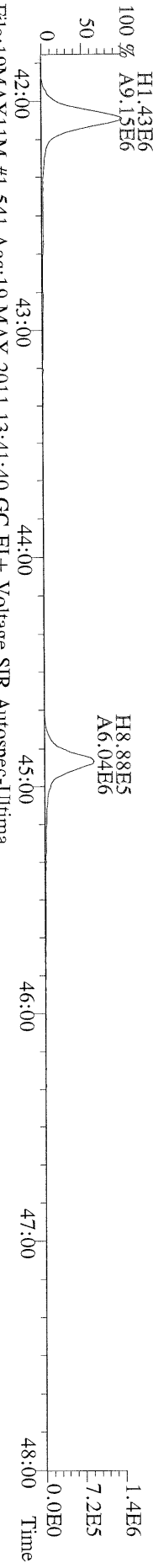
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 409.7788 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory
 100 % A4.46E6



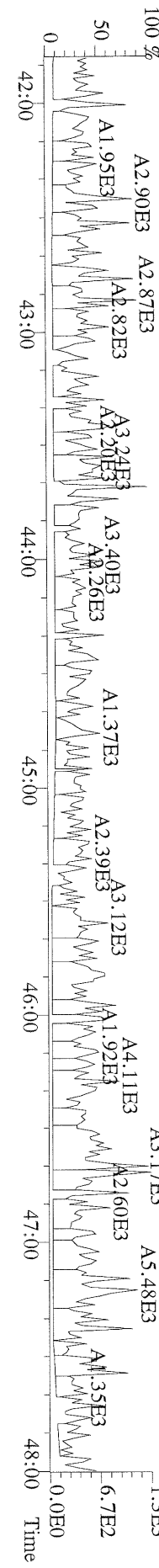
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 417.8253 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory
 100 % A4.19E6



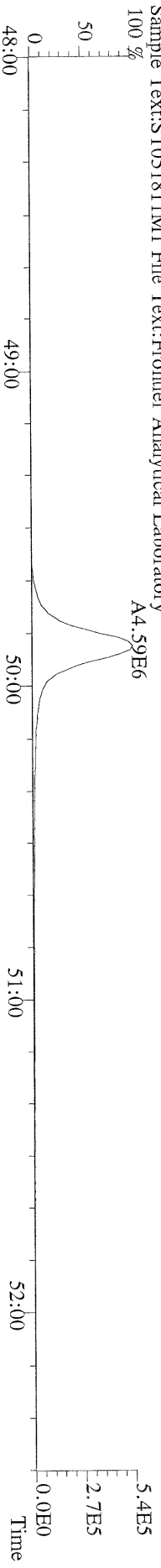
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 419.8220 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory
 H1.43E6
 100 % A9.15E6



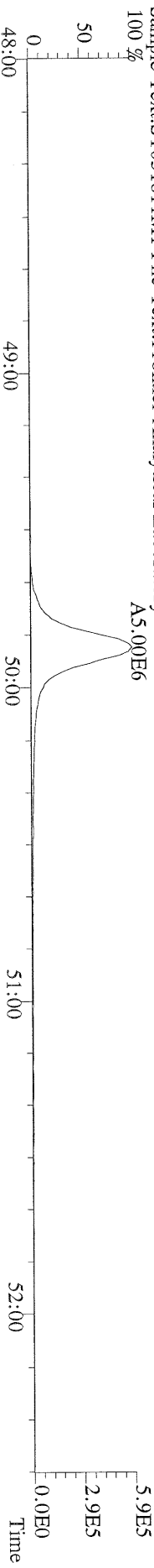
File:19MAY11M #1-541 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
 479.7165 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



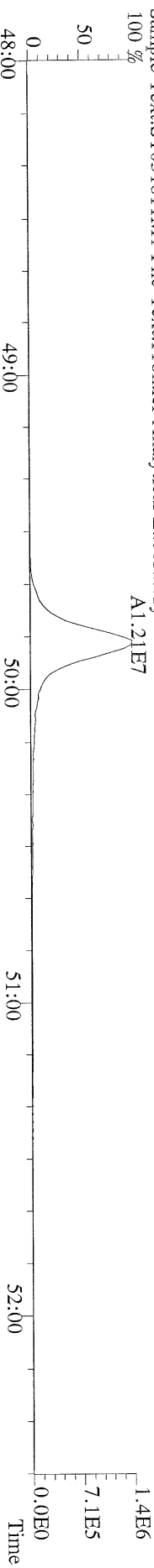
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
441.7428 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



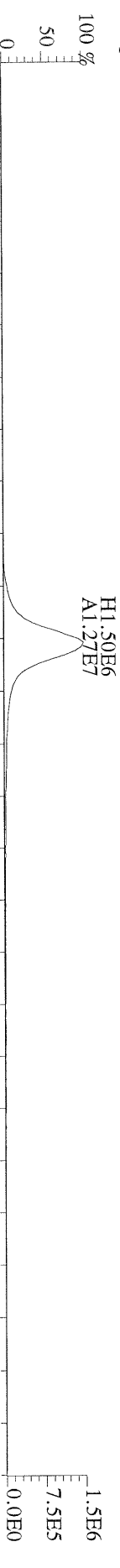
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
443.7398 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory



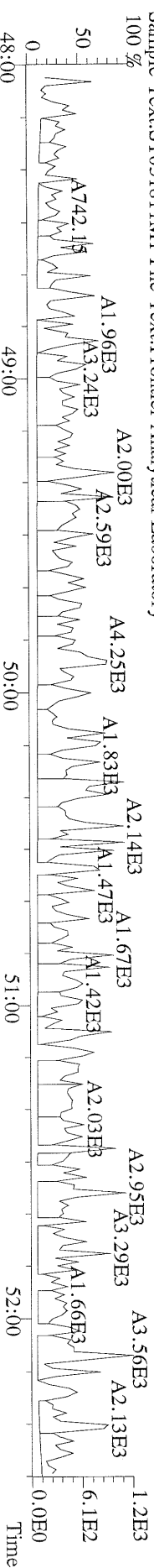
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
455.7831 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory

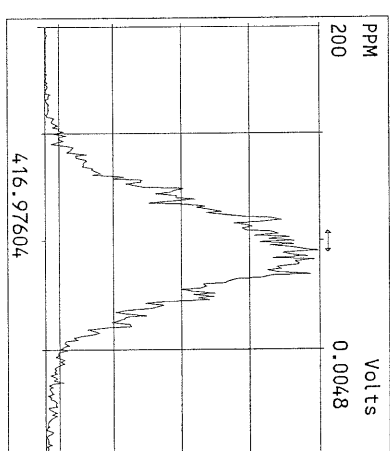
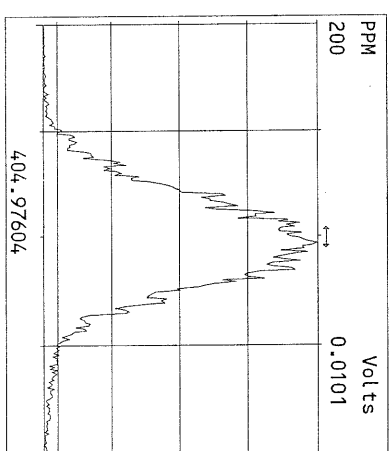
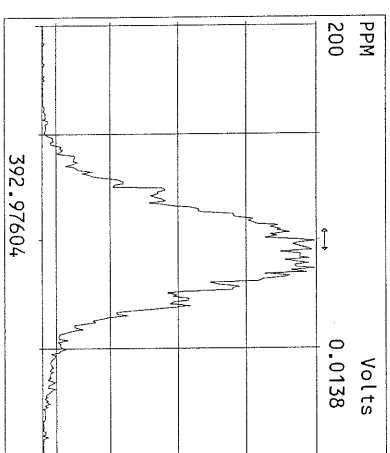
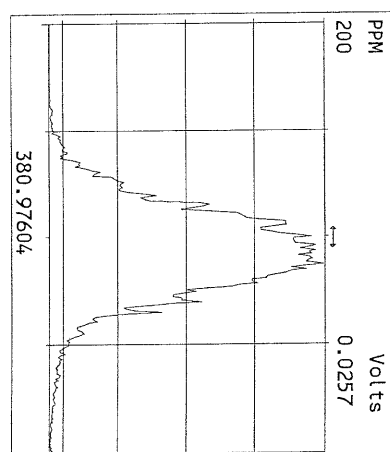
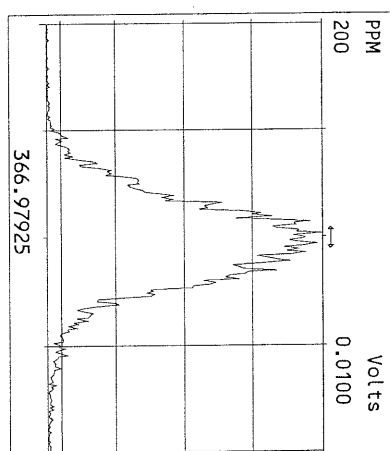
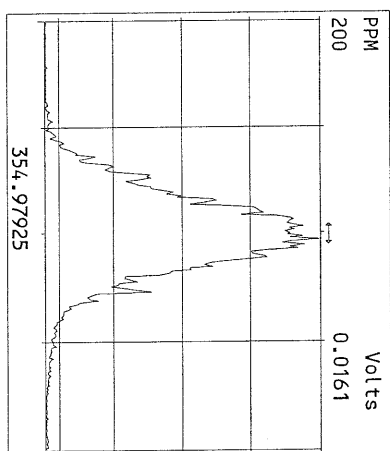
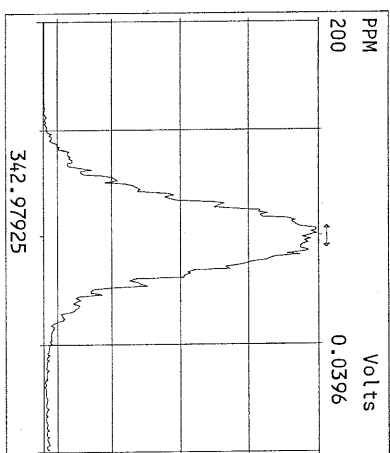
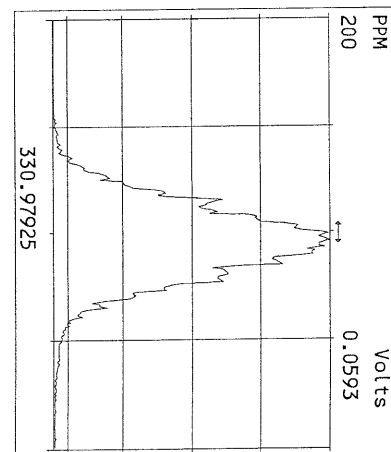
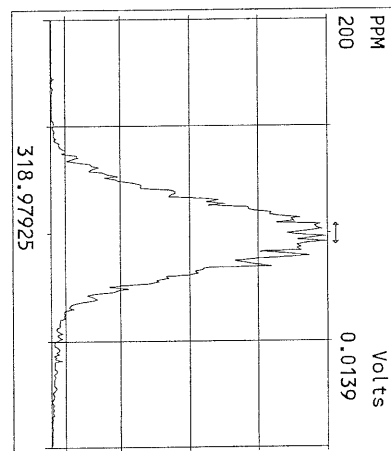
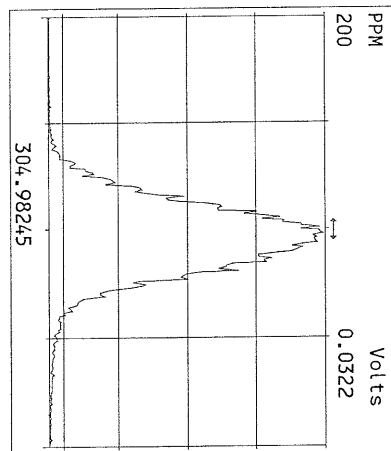
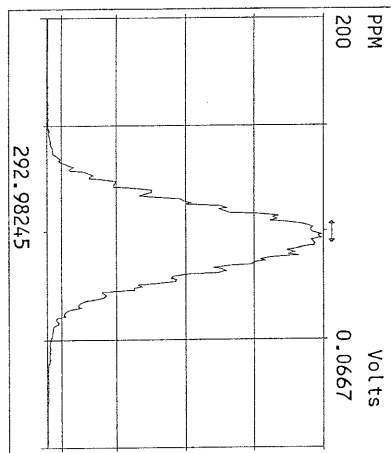


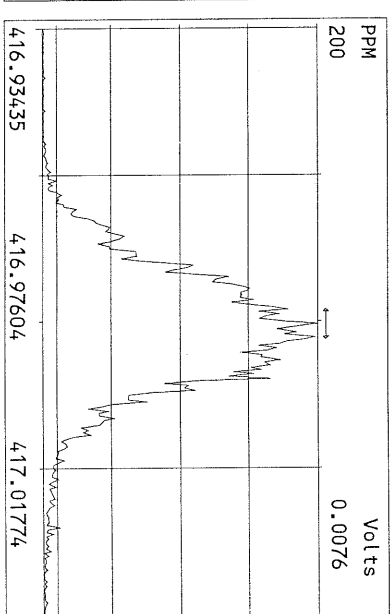
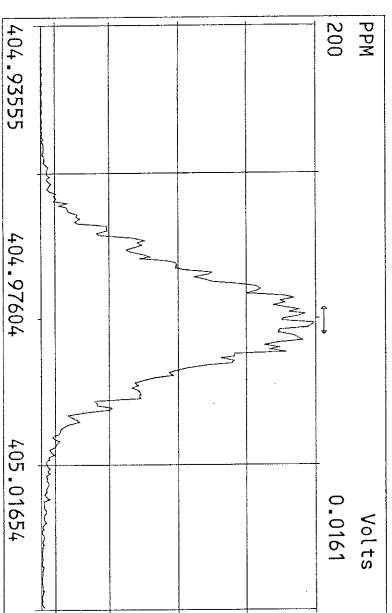
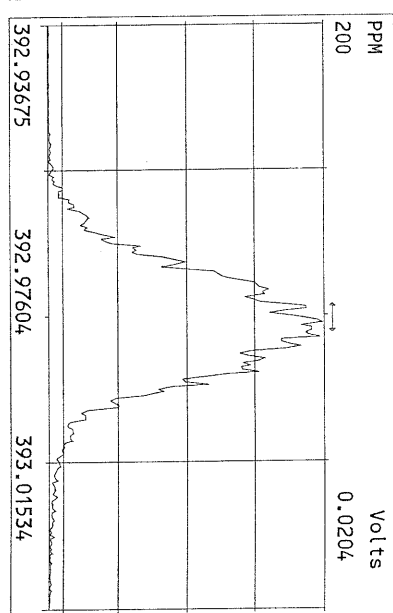
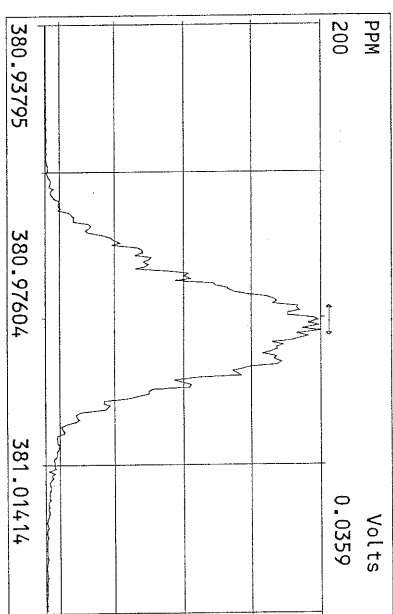
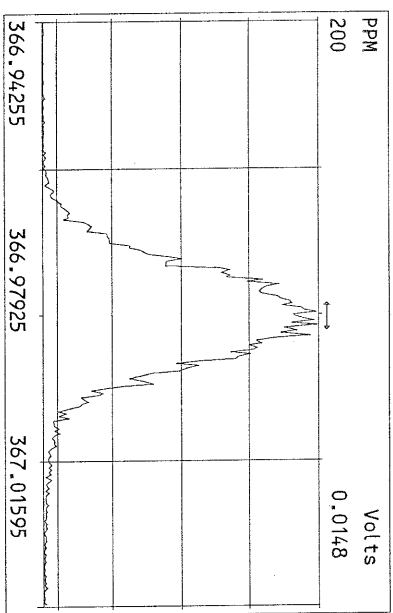
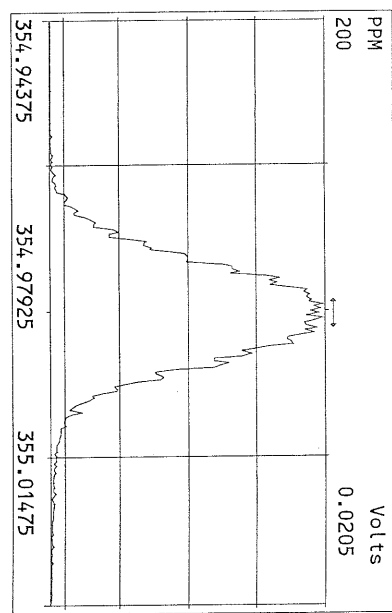
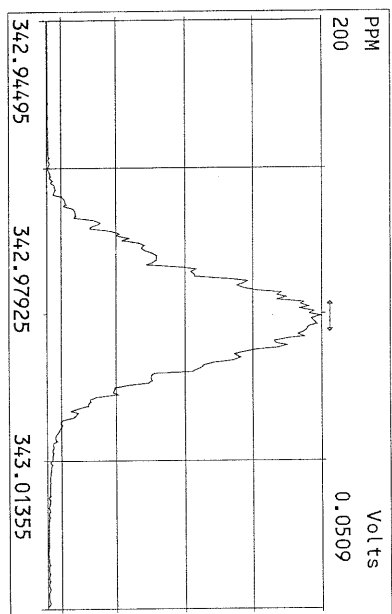
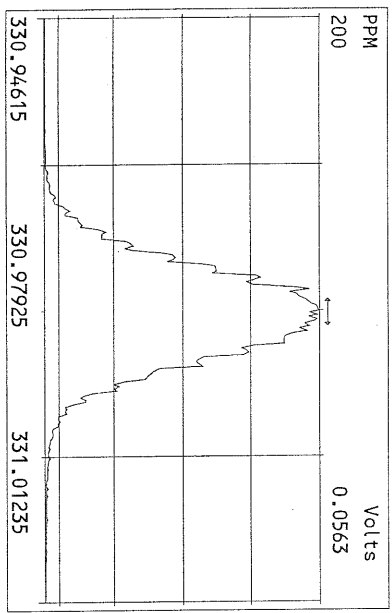
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
455.7801 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory

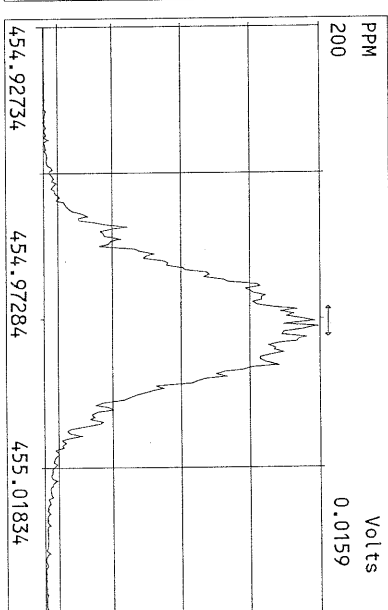
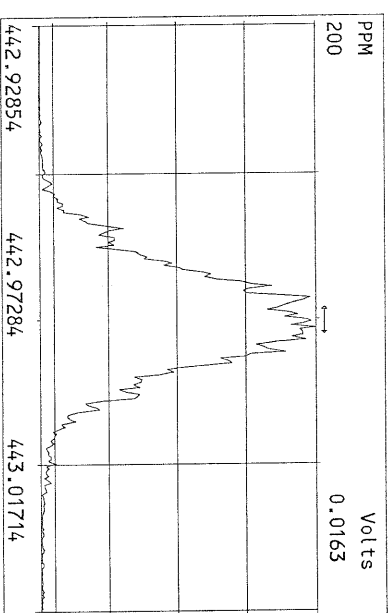
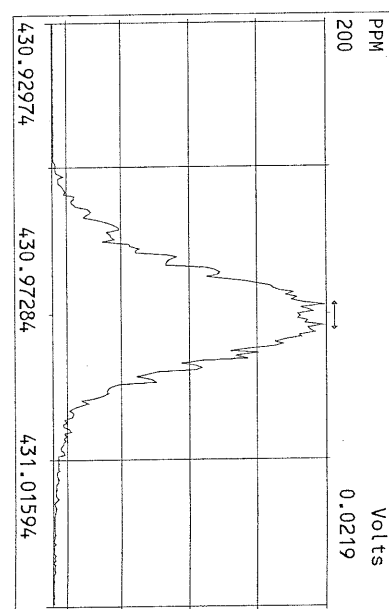
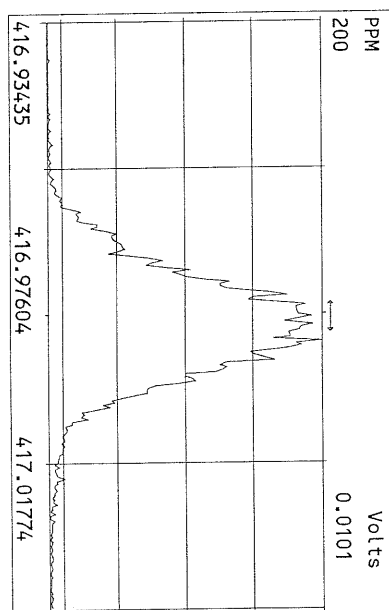
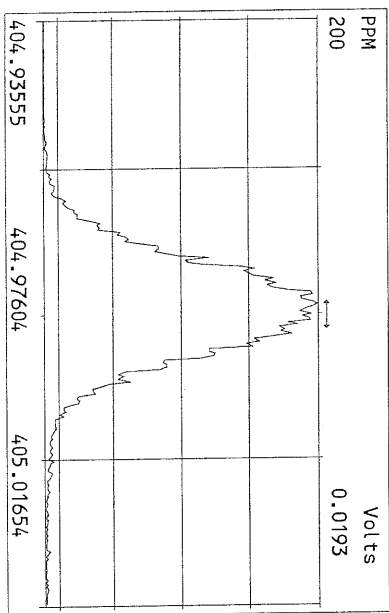
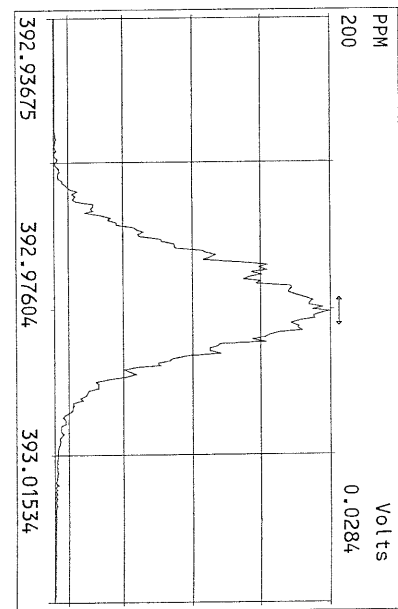
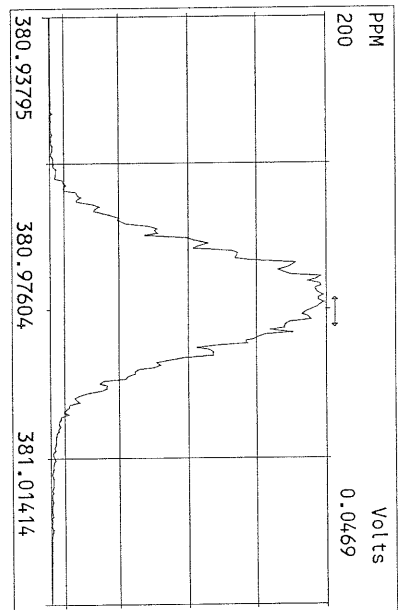
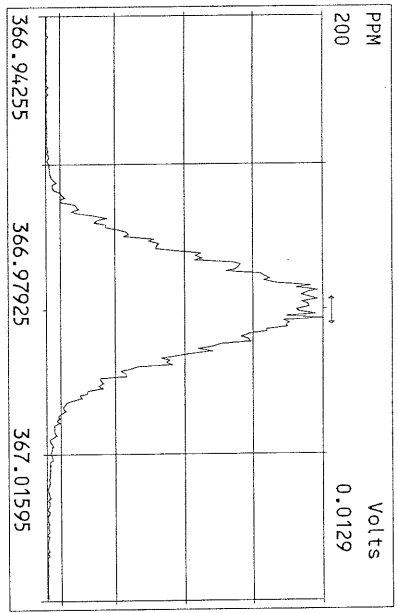


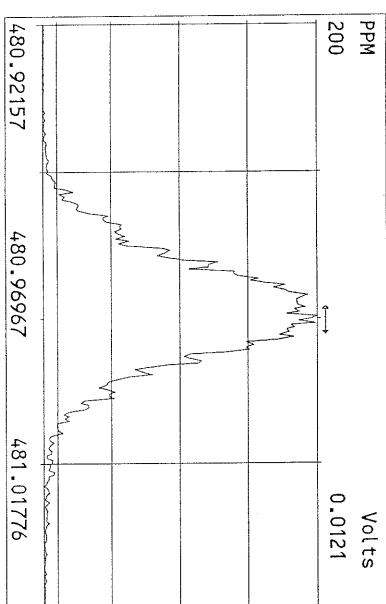
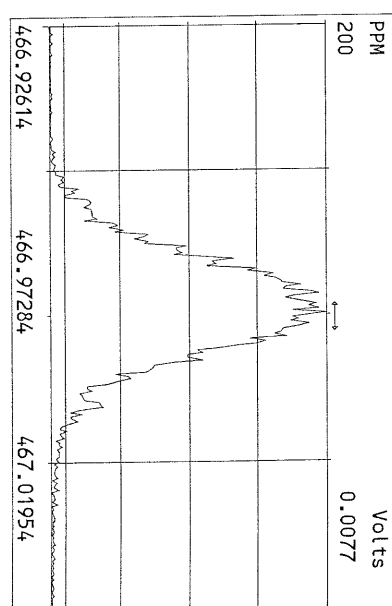
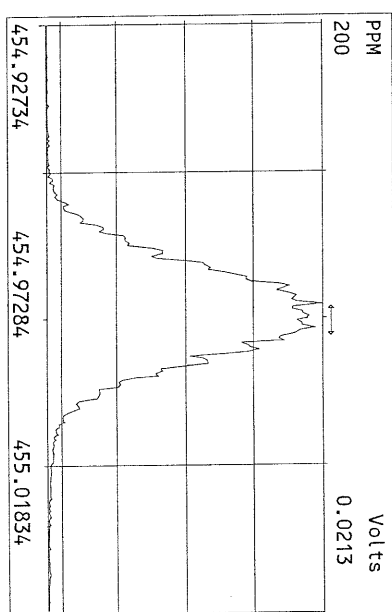
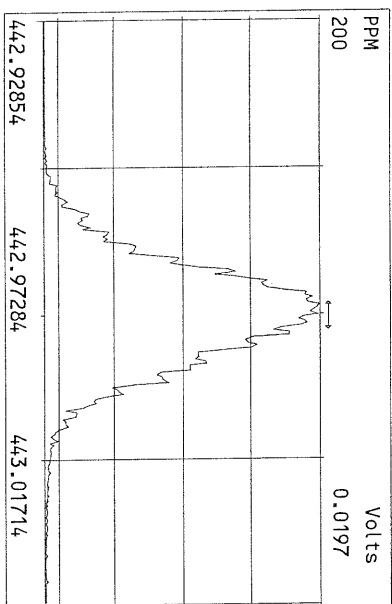
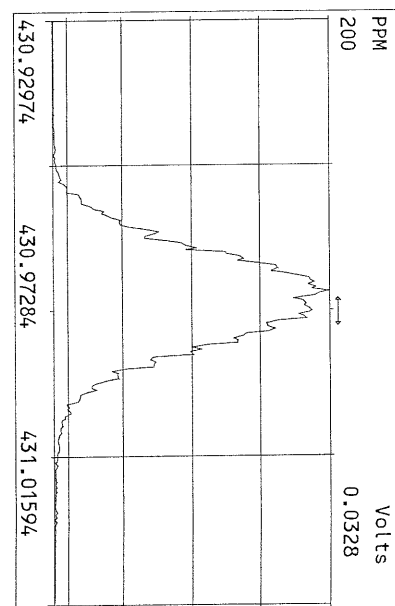
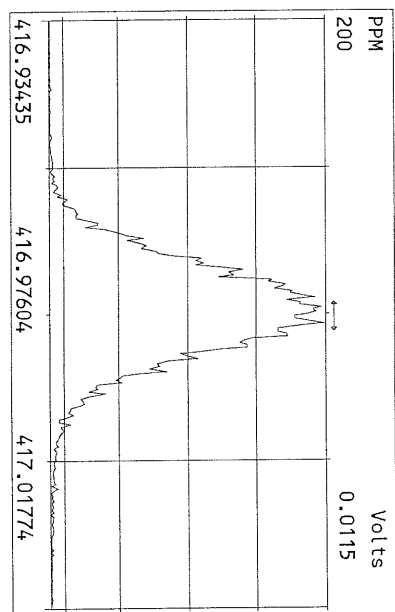
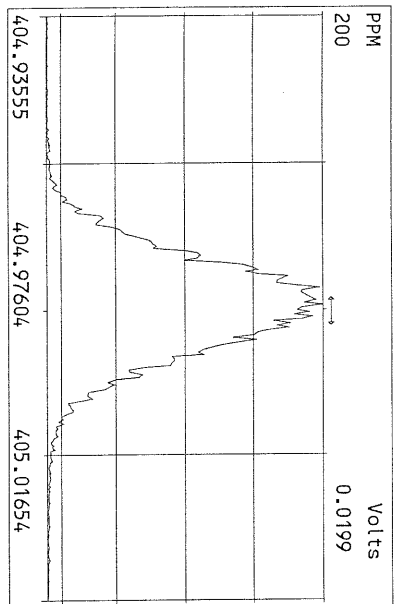
File:19MAY11M #1-347 Acq:19-MAY-2011 13:41:40 GC EI+ Voltage SIR Autospec-Ultima
513.6775 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0,0,0) Exp:OCDD
Sample Text:ST051811M1 File Text:Frontier Analytical Laboratory

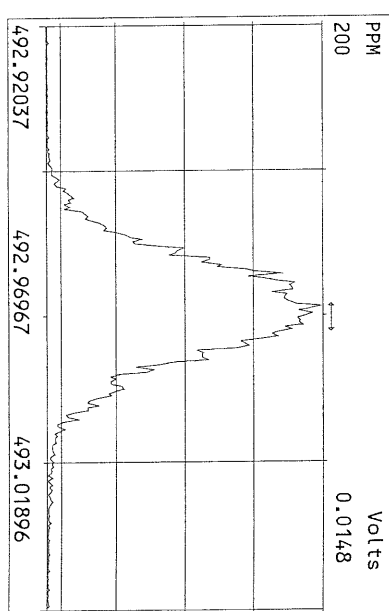
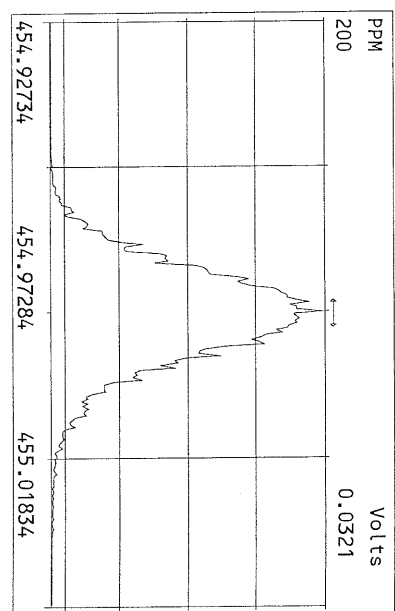
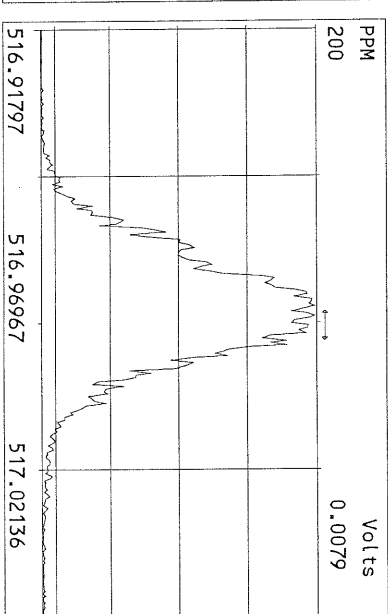
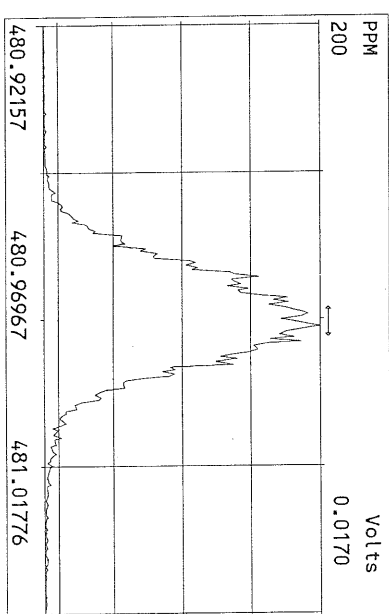
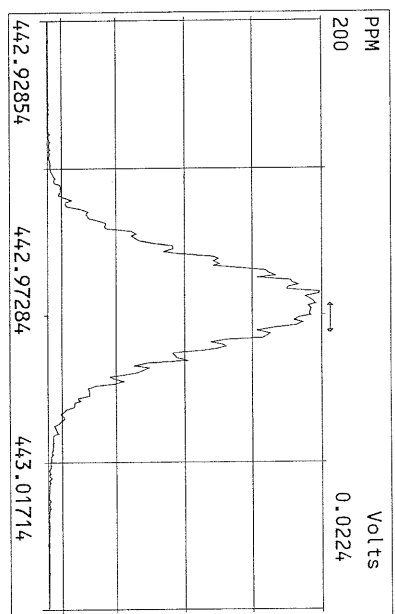
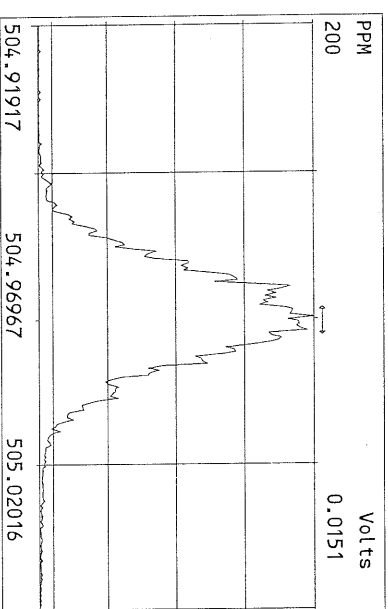
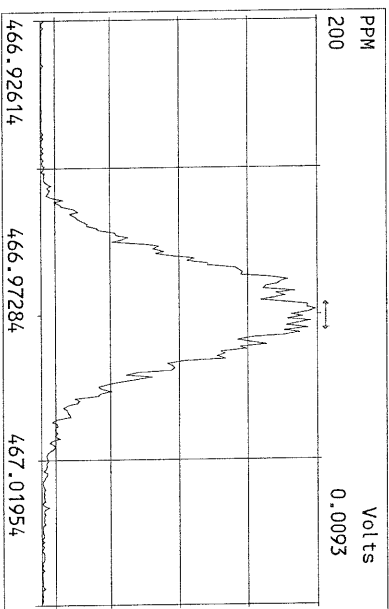
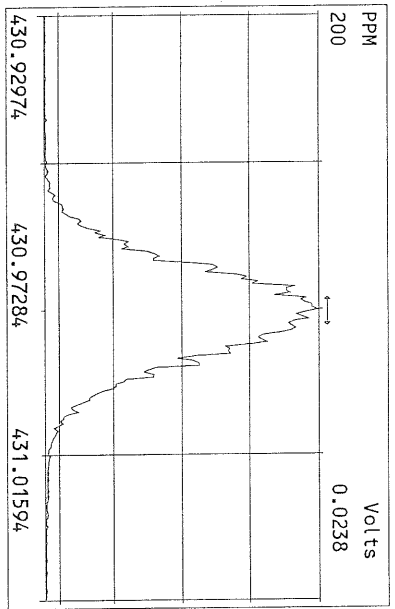












USEPA - ITD

FORM 4A
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3 GC Column ID: DB5

VER Data Filename: 19MAY11M Sam:15 Analysis Date: 20-MAY-11 02:37:00

NATIVE ANALYTES	M/Z'S	ION	QC	ACCEPT	CONC.	CONC.
	FORMING	ABUND.	LIMITS		FOUND	RANGE
	RATIO (1)	RATIO	(2)		FOUND	(ng/mL) (3)
2,3,7,8-TCDD	M/M+2	0.76	0.65-0.89	y	11.0	7.80 - 12.9
1,2,3,7,8-PeCDD	M+2/M+4	1.58	1.32-1.78	y	52.6	39.0 - 65.0
1,2,3,4,7,8-HxCDD	M+2/M+4	1.32	1.05-1.43	y	50.4	39.0 - 64.0
1,2,3,6,7,8-HxCDD	M+2/M+4	1.31	1.05-1.43	y	49.6	39.0 - 64.0
1,2,3,7,8,9-HxCDD	M+2/M+4	1.32	1.05-1.43	y	52.3	41.0 - 61.0
1,2,3,4,6,7,8-HpCDD	M+2/M+4	0.90	0.88-1.20	y	50.0	43.0 - 58.0
OCDD	M+2/M+4	0.95	0.76-1.02	y	102	79.0 - 126
2,3,7,8-TCDF	M/M+2	0.67	0.65-0.89	y	11.1	8.40 - 12.0
1,2,3,7,8-PeCDF	M+2/M+4	1.61	1.32-1.78	y	50.6	41.0 - 60.0
2,3,4,7,8-PeCDF	M+2/M+4	1.57	1.32-1.78	y	49.2	41.0 - 60.0
1,2,3,4,7,8-HxCDF	M+2/M+4	1.21	1.05-1.43	y	46.4	45.0 - 56.0
1,2,3,6,7,8-HxCDF	M+2/M+4	1.24	1.05-1.43	y	47.3	44.0 - 57.0
2,3,4,6,7,8-HxCDF	M+2/M+4	1.24	1.05-1.43	y	46.1	44.0 - 57.0
1,2,3,7,8,9-HxCDF	M+2/M+4	1.23	1.05-1.43	y	47.4	45.0 - 56.0
1,2,3,4,6,7,8-HpCDF	M+2/M+4	1.05	0.88-1.20	y	47.5	45.0 - 55.0
1,2,3,4,7,8,9-HpCDF	M+2/M+4	1.06	0.88-1.20	y	48.8	43.0 - 58.0
OCDF	M+2/M+4	0.92	0.76-1.02	y	92.9	63.0 - 159

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

Analyst: Date: 5/20/11

USEPA - ITD

FORM 4B
PCDD/PCDF CALIBRATION VERIFICATION

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Initial Calibration Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

VER Data Filename: 19MAY11M Sam:15

Analysis Date: 20-MAY-11 02:37:00

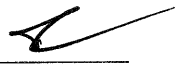
LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	ACCEPT	CONC. FOUND	CONC. RANGE (ng/mL) (3)
13C-2,3,7,8-TCDD	M/M+2	0.75	0.65-0.89	y	89.5	82.0 - 121
13C-1,2,3,7,8-PeCDD	M+2/M+4	1.71	1.32-1.78	y	93.6	62.0 - 160
13C-1,2,3,4,7,8-HxCDD	M+2/M+4	1.27	1.05-1.43	y	92.1	85.0 - 117
13C-1,2,3,6,7,8-HxCDD	M+2/M+4	1.28	1.05-1.43	y	101	85.0 - 118
13C-1,2,3,4,6,7,8-HpCDD	M+2/M+4	1.04	0.88-1.20	y	114	72.0 - 138
13C-OCDD	M+2/M+4	0.95	0.76-1.02	y	197	96.0 - 415
13C-2,3,7,8-TCDF	M/M+2	0.87	0.65-0.89	y	93.8	71.0 - 140
13C-1,2,3,7,8-PeCDF	M+2/M+4	1.70	1.32-1.78	y	97.1	76.0 - 130
13C-2,3,4,7,8-PeCDF	M+2/M+4	1.68	1.32-1.78	y	100	77.0 - 130
13C-1,2,3,4,7,8-HxCDF	M/M+2	0.48	0.43-0.59	y	101	76.0 - 131
13C-1,2,3,6,7,8-HxCDF	M/M+2	0.48	0.43-0.59	y	97.2	70.0 - 143
13C-2,3,4,6,7,8-HxCDF	M/M+2	0.48	0.43-0.59	y	97.5	73.0 - 137
13C-1,2,3,7,8,9-HxCDF	M/M+2	0.48	0.43-0.59	y	95.3	74.0 - 135
13C-1,2,3,4,6,7,8-HpCDF	M/M+2	0.46	0.37-0.51	y	105	78.0 - 129
13C-1,2,3,4,7,8,9-HpCDF	M/M+2	0.47	0.37-0.51	y	99.3	77.0 - 129
13C-OCDF	M+2/M+4	0.95	0.76-1.02	y	182	96.0 - 415
CLEANUP STANDARD (4)						
37Cl-2,3,7,8-TCDD					8.78	7.80 - 12.8

(1) See Table 8, Method 1613, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 9, Method 1613.

(3) Contract-required concentration range as specified in Table 6, Method 1613.

(4) No ion abundance ratio; report concentration found.

Analyst: Date: 5/20/11

FORM 5
PCDD/PCDF RT WINDOW AND ISOMER SPECIFICITY STANDARDS

Lab Name: Frontier Analytical Laboratory Episode No.:
Contract No.: SAS No.:
Instrument ID: FAL3 Initial Calibration Date: 3/7/11
RT Window Data Filename: 19MAY11M Sam:15 Analysis Date: 20-MAY-11 Time: 02:37:00
DB-5 IS Data Filename: 19MAY11M Sam:15 Analysis Date: 20-MAY-11 Time: 02:37:00
DB-225 IS Data Filename: Analysis Date: Time:

DB-5 RT WINDOW DEFINING STANDARDS RESULTS

ISOMERS	ABSOLUTE RT	ISOMERS	ABSOLUTE RT
1,3,6,8-TCDD (F)	24:16	1,3,6,8-TCDF (F)	22:55
1,2,8,9-TCDD (L)	28:11	1,2,8,9-TCDF (L)	28:24
1,2,4,7,9-PeCDD (F)	30:06	1,3,4,6,8-PeCDF (F)	28:16
1,2,3,8,9-PeCDD (L)	33:38	1,2,3,8,9-PeCDF (L)	34:03
1,2,4,6,7,9-HxCDD (F)	35:58	1,2,3,4,6,8-HxCDF (F)	35:05
1,2,3,7,8,9-HxCDD (L)	39:02	1,2,3,7,8,9-HxCDF (L)	39:36
1,2,3,4,6,7,9-HpCDD (F)	42:38	1,2,3,4,6,7,8-HpCDF (F)	42:07
1,2,3,4,6,7,8-HpCDD (L)	44:01	1,2,3,4,7,8,9-HpCDF (L)	44:56

(F) = First eluting isomer (DB-5); (L) = Last eluting isomer (DB-5)

=====

ISOMER SPECIFICITY (IS) TEST STANDARD RESULTS

% VALLEY HEIGHT
BETWEEN
COMPARED PEAKS (1)

<25%

(1) To meet contract requirement, %Valley Height Between Compared Peaks shall not exceed 25% (section 15.4.2.2, Method 1613).

Analyst: 

Date: 5/20/11

USEPA - ITD

FORM 6A

PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 3/7/11

Instrument ID: FAL3

GC Column ID: DB5

Analysis Date: 20-MAY-11 02:37:00

CS3 or VER Data Filename: 19MAY11M

Sam:15

NATIVE ANALYTES	RETENTION TIME REFERENCE	RRT	RRT QC LIMITS (1)
2,3,7,8-TCDD	13C-2,3,7,8-TCDD	1.001	0.999-1.002
2,3,7,8-TCDF	13C-2,3,7,8-TCDF	1.001	0.999-1.003
1,2,3,7,8-PeCDD	13C-1,2,3,7,8-PeCDD	1.000	0.999-1.002
1,2,3,7,8-PeCDF	13C-1,2,3,7,8-PeCDF	1.000	0.999-1.002
2,3,4,7,8-PeCDF	13C-2,3,4,7,8-PeCDF	1.000	0.999-1.002
LABELED COMPOUNDS			
37Cl-2,3,7,8-TCDD	13C-1,2,3,4-TCDD	1.022	0.989-1.052
13C-2,3,7,8-TCDD		1.022	0.976-1.043
13C-2,3,7,8-TCDF		0.993	0.923-1.103
13C-1,2,3,7,8-PeCDD		1.240	1.000-1.567
13C-1,2,3,7,8-PeCDF		1.175	0.923-1.203
13C-2,3,4,7,8-PeCDF		1.224	0.923-1.303

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst: _____

Date: _____

USEPA - ITD

FORM 6B

PCDD/PCDF RELATIVE RETENTION TIMES

Lab Name: Frontier Analytical Laboratory

Episode No.:

Contract No.:

SAS No.:

Init. Cal. Date: 3/7/11


Instrument ID: FAL3

GC Column ID: DB5

Analysis Date: 20-MAY-11 02:37:00 CS3 or VER Data Filename: 19MAY11M Sam:15

NATIVE ANALYTES	RETENTION TIME REFERENCE	RRT	RRT QC LIMITS (1)
1,2,3,4,7,8-HxCDD	13C-1,2,3,4,7,8-HxCDD	1.001	0.999-1.001
1,2,3,6,7,8-HxCDD	13C-1,2,3,6,7,8-HxCDD	1.000	0.998-1.004
1,2,3,7,8,9-HxCDD	13C-1,2,3,6,7,8-HxCDD	1.012	1.000-1.019
1,2,3,4,7,8-HxCDF	13C-1,2,3,4,7,8-HxCDF	1.001	0.999-1.001
1,2,3,6,7,8-HxCDF	13C-1,2,3,6,7,8-HxCDF	1.001	0.997-1.005
2,3,4,6,7,8-HxCDF	13C-2,3,4,6,7,8-HxCDF	1.001	0.999-1.001
1,2,3,7,8,9-HxCDF	13C-1,2,3,7,8,9-HxCDF	1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDD	13C-1,2,3,4,6,7,8-HpCDD	1.001	0.999-1.001
1,2,3,4,6,7,8-HpCDF	13C-1,2,3,4,6,7,8-HpCDF	1.000	0.999-1.001
1,2,3,4,7,8,9-HpCDF	13C-1,2,3,4,7,8,9-HpCDF	1.001	0.999-1.001
OCDD	13C-OCDD	1.001	0.999-1.001
OCDF	13C-OCDF	1.001	0.999-1.001
LABELED COMPOUNDS			
13C-1,2,3,4,7,8-HxCDD	13C-1,2,3,7,8,9-HxCDD	0.984	0.977-1.000
13C-1,2,3,6,7,8-HxCDD		0.989	0.981-1.003
13C-1,2,3,4,7,8-HxCDF		0.949	0.944-0.970
13C-1,2,3,6,7,8-HxCDF		0.954	0.949-0.975
13C-2,3,4,6,7,8-HxCDF		0.978	0.959-1.021
13C-1,2,3,7,8,9-HxCDF		1.015	0.977-1.047
13C-1,2,3,4,6,7,8-HpCDD		1.128	1.086-1.130
13C-1,2,3,4,6,7,8-HpCDF		1.079	1.043-1.085
13C-1,2,3,4,7,8,9-HpCDF		1.151	1.057-1.154
13C-OCDD		1.269	1.032-1.311
13C-OCDF		1.279	1.000-1.311

(1) Contract-required limits for Relative Retention Times (RRT) as specified in Table 2, Method 1613.

Analyst: Date: 

Results: GC Column: DB5 Amount: 1.000 NATO 1989 Tox: 101 WHO 1998 Tox: 127 WHO 2005 Tox: 116

Name	Resp	RA	RT	RRF	Conc	Qual	Fac Noise-1	Noise-2	DL	DL	
2,3,7,8-TCDD	2.49e+06	0.76 y	27:15	1.13	11.0		2.50	-	-	*	
1,2,3,7,8-PeCDD	1.10e+07	1.58 y	33:03	1.02	52.6		2.50	-	-	*	
1,2,3,4,7,8-HxCDD	1.11e+07	1.32 y	38:26	1.45	50.4		2.50	-	-	*	
1,2,3,6,7,8-HxCDD	9.41e+06	1.31 y	38:35	1.45	49.6		2.50	-	-	*	
1,2,3,7,8,9-HxCDD	1.09e+07	1.32 y	39:02	1.47	52.3		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDD	8.47e+06	0.90 y	44:01	1.30	50.0		2.50	-	-	*	
OCDD	1.22e+07	0.95 y	49:32	1.45	102		2.50	-	-	*	
2,3,7,8-TCDF	4.45e+06	0.67 y	26:29	1.15	11.1		2.50	-	-	*	
1,2,3,7,8-PeCDF	1.37e+07	1.61 y	31:20	0.89	50.6		2.50	-	-	*	
2,3,4,7,8-PeCDF	1.34e+07	1.57 y	32:39	0.89	49.2		2.50	-	-	*	
1,2,3,4,7,8-HxCDF	1.20e+07	1.21 y	37:02	1.01	46.4		2.50	-	-	*	
1,2,3,6,7,8-HxCDF	1.30e+07	1.24 y	37:14	0.89	47.3		2.50	-	-	*	
2,3,4,6,7,8-HxCDF	1.18e+07	1.24 y	38:10	1.02	46.1		2.50	-	-	*	
1,2,3,7,8,9-HxCDF	1.37e+07	1.23 y	39:36	1.10	47.4		2.50	-	-	*	
1,2,3,4,6,7,8-HpCDF	1.01e+07	1.05 y	42:07	1.48	47.5		2.50	-	-	*	
1,2,3,4,7,8,9-HpCDF	7.33e+06	1.06 y	44:56	1.43	48.8		2.50	-	-	*	
OCDF	1.15e+07	0.92 y	49:54	0.84	92.9		2.50	-	-	*	
										Rec	
13C-2,3,7,8-TCDD	2.01e+07	0.75 y	27:14	1.03	89.5					89.5	
13C-1,2,3,7,8-PeCDD	2.06e+07	1.71 y	33:03	1.01	93.6					93.6	
13C-1,2,3,4,7,8-HxCDD	1.52e+07	1.27 y	38:24	1.19	92.1					92.1	
13C-1,2,3,6,7,8-HxCDD	1.30e+07	1.28 y	38:34	0.94	101					101	
13C-1,2,3,4,6,7,8-HpCDD	1.30e+07	1.04 y	43:60	0.83	114					114	
13C-OCDD	1.66e+07	0.95 y	49:30	0.61	197					98.4	
13C-2,3,7,8-TCDF	3.48e+07	0.87 y	26:28	0.98	93.8					93.8	
13C-1,2,3,7,8-PeCDF	3.05e+07	1.70 y	31:19	0.83	97.1					97.1	
13C-2,3,4,7,8-PeCDF	3.05e+07	1.68 y	32:38	0.80	100					100	
13C-1,2,3,4,7,8-HxCDF	2.57e+07	0.48 y	37:00	1.84	101					101	
13C-1,2,3,6,7,8-HxCDF	3.08e+07	0.48 y	37:12	2.29	97.2					97.2	
13C-2,3,4,6,7,8-HxCDF	2.51e+07	0.48 y	38:09	1.86	97.5					97.5	
13C-1,2,3,7,8,9-HxCDF	2.62e+07	0.48 y	39:35	1.98	95.3					95.3	
13C-1,2,3,4,6,7,8-HpCDF	1.44e+07	0.46 y	42:06	0.99	105					105	
13C-1,2,3,4,7,8,9-HpCDF	1.05e+07	0.47 y	44:55	0.77	99.3					99.3	
13C-OCDF	2.93e+07	0.95 y	49:53	1.17	182					90.8	
37Cl-2,3,7,8-TCDD	1.39e+06		27:15	0.73	8.78					87.8	
13C-1,2,3,4-TCDD	2.18e+07	0.77 y	26:39	-	57.3						
13C-1,2,3,4-TCDF	3.79e+07	0.87 y	25:24	-	52.6						
13C-1,2,3,7,8,9-HxCDD	1.39e+07	1.27 y	39:00	-	55.9						
Total Tetra-Dioxins	1.34e+07		23:02	1.13	59.1		2.50	-	-	*	22
Total Penta-Dioxins	2.39e+07		30:06	1.02	114		2.50	-	-	*	18
Total Hexa-Dioxins	3.59e+07		35:58	1.46	174		2.50	-	-	*	14
Total Hepta-Dioxins	1.81e+07		42:38	1.30	107		2.50	-	-	*	17
Total Tetra-Furans	2.18e+07		22:55	1.15	54.6		2.50	-	-	*	28
1st Fn. Tot Penta-Furans	1.53e+07		28:16	0.89	56.4		2.50	-	-	*	PeCDF 2
Total Penta-Furans	3.89e+07		30:03	0.89	143		2.50	-	-	*	200 11
Total Hexa-Furans	5.90e+07		35:05	1.00	219		2.50	-	-	*	24
Total Hepta-Furans	1.80e+07		42:07	1.46	98.9		2.50	-	-	*	16

Analyst:  Date: 5/20/11

Frontier Analytical Laboratory - Acquisition Log

Run Name:19MAY11M

Instrument: FAL3

GC: DB5

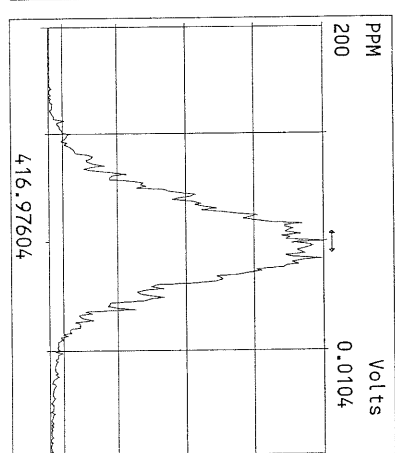
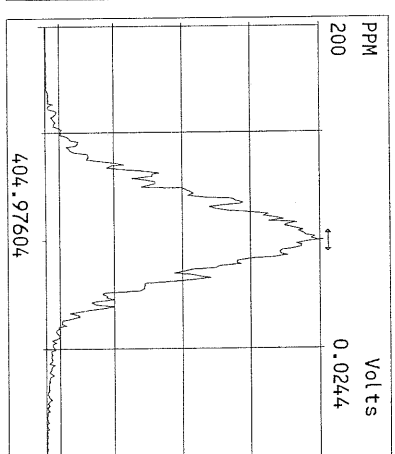
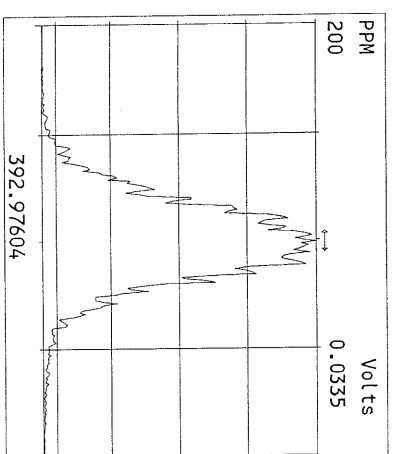
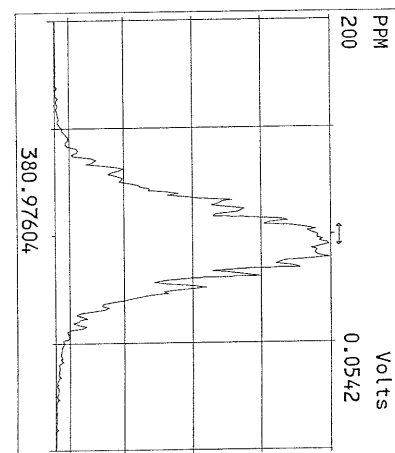
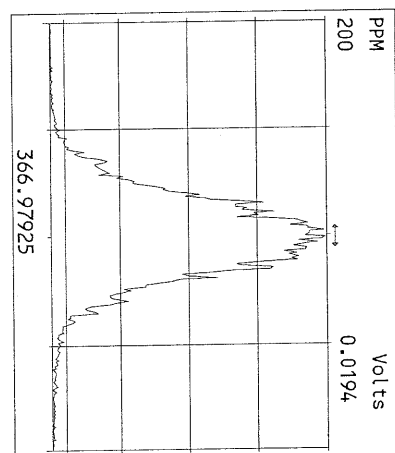
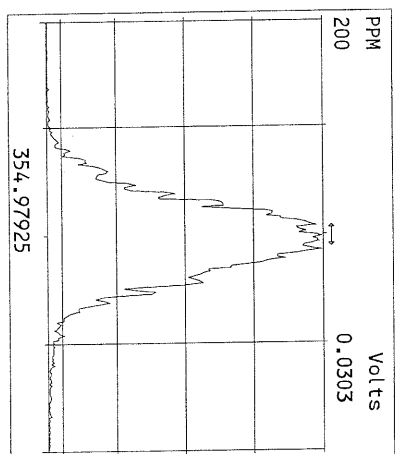
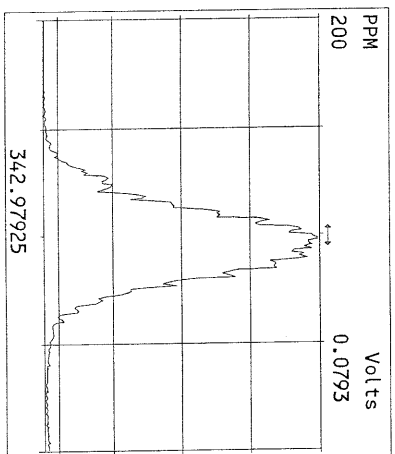
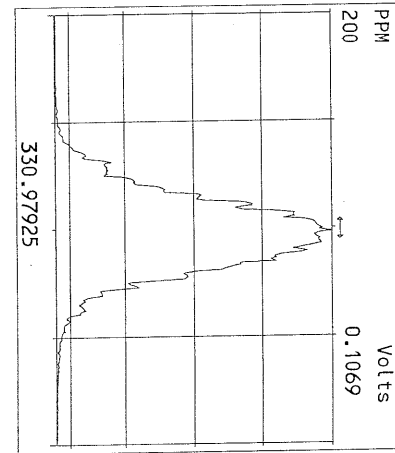
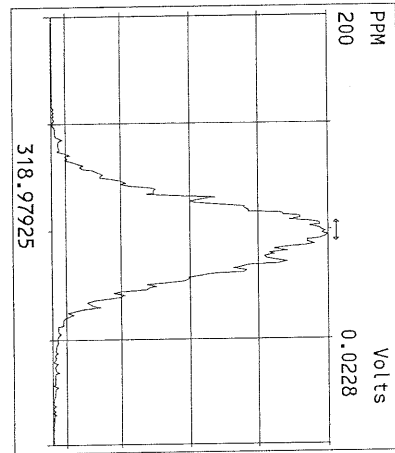
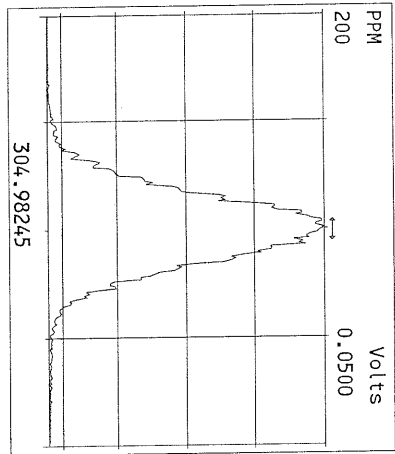
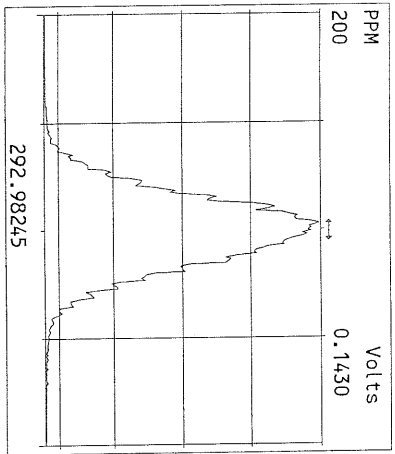
Experiment:OCDD

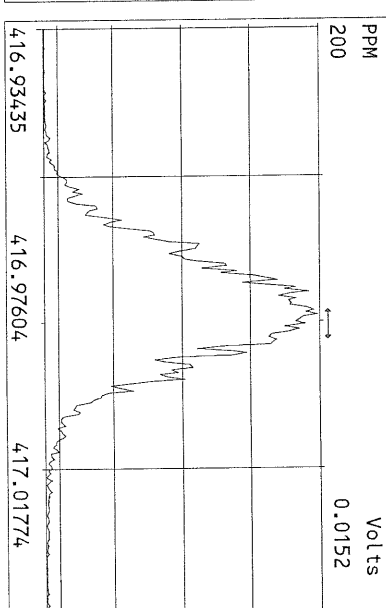
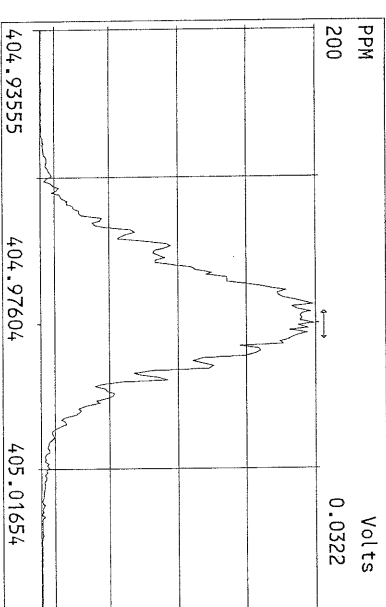
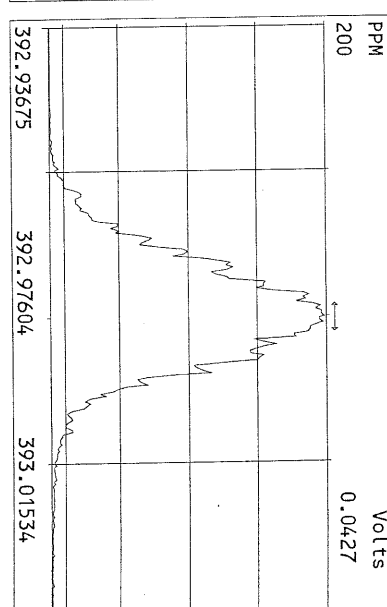
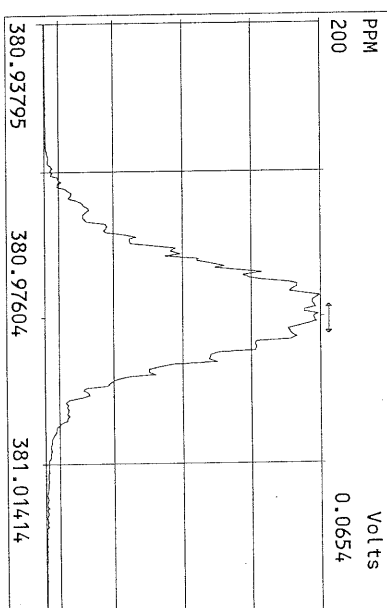
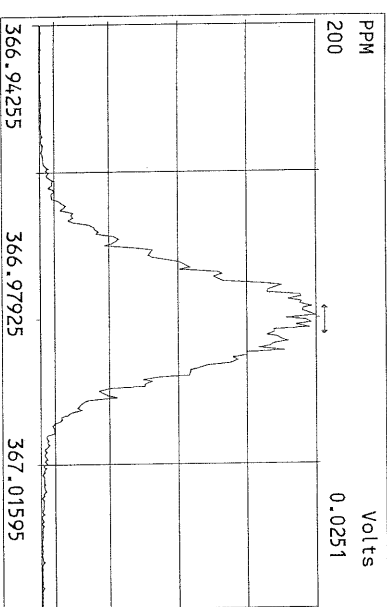
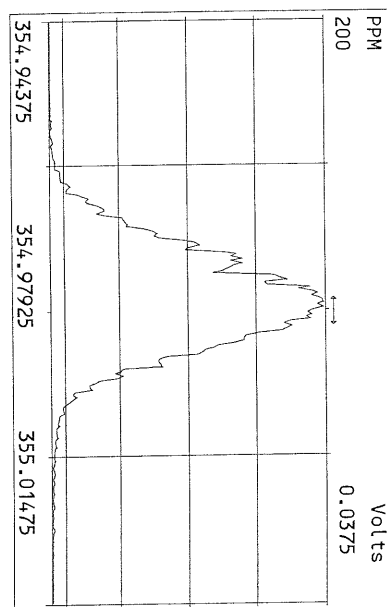
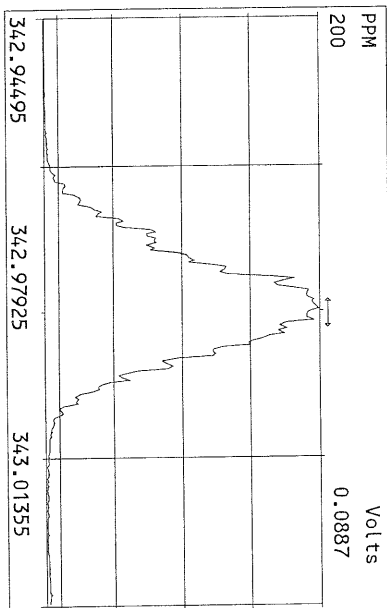
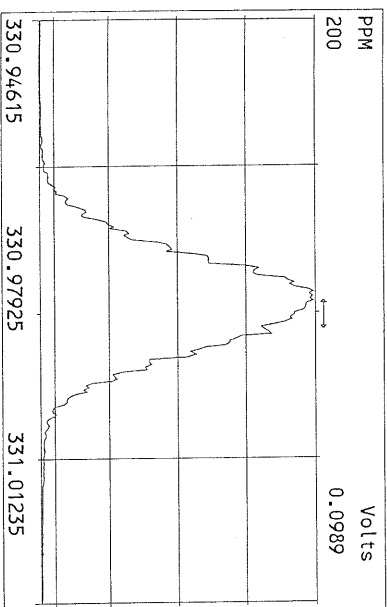
Data File	S	FAL ID	Client ID	Acquired	ConCal	EndCal	Analyst
19MAY11M	1	ST051811M1	1613 CS3 100511J	19-MAY-11 13:41:40	ST051911M1	ST051911M2	TC
19MAY11M	2	QC051911M1	QC1	19-MAY-11 14:37:03	ST051911M1	ST051911M2	TC
19MAY11M	3	QC051911M2	QC2	19-MAY-11 15:32:26	ST051911M1	ST051911M2	TC
19MAY11M	4	QC051911M3	QC3	19-MAY-11 16:27:48	ST051911M1	ST051911M2	TC
19MAY11M	5	2294-001-0001-OPR	OPR	19-MAY-11 17:23:07	ST051911M1	ST051911M2	TC
19MAY11M	6	2294-001-0001-MB	Method Blank	19-MAY-11 18:18:30	ST051911M1	ST051911M2	TC
19MAY11M	7	6743-001-0001-SA	MW-01-042911	19-MAY-11 19:13:53	ST051911M1	ST051911M2	TC
19MAY11M	8	6743-002-0001-SA	MW-01-042911-D	19-MAY-11 20:09:21	ST051911M1	ST051911M2	TC
19MAY11M	9	6744-001-0001-SA	B312-042911	19-MAY-11 21:04:44	ST051911M1	ST051911M2	TC
19MAY11M	10	6744-002-0001-SA	B310-042911	19-MAY-11 22:00:06	ST051911M1	ST051911M2	TC
19MAY11M	11	6744-003-0001-SA	B311-042911	19-MAY-11 22:55:29	ST051911M1	ST051911M2	TC
19MAY11M	12	6758-001-0001-SA	D AVILLA S.I.	19-MAY-11 23:50:48	ST051911M1	ST051911M2	TC
19MAY11M	13	6759-001-0001-SA	CARRIAGE HILL S.I.	20-MAY-11 00:46:10	ST051911M1	ST051911M2	TC
19MAY11M	14	SB051911M1	Solvent Blank	20-MAY-11 01:41:37	ST051911M1	ST051911M2	TC
19MAY11M	15	ST051911M2	1613 CS3 100511J	20-MAY-11 02:37:00	ST051911M1	ST051911M2	TC
19MAY11M	16	ST051911M3	8280 CS3 071227J	20-MAY-11 03:32:21	ST051911M3	ST051911M4	TC
19MAY11M	17	2295-001-0001-OPR	OPR	20-MAY-11 04:27:45	ST051911M3	ST051911M4	TC
19MAY11M	18	2295-001-0001-MB	Method Blank	20-MAY-11 05:23:07	ST051911M3	ST051911M4	TC
19MAY11M	19	6763-001-0001-SA	1104316-01	20-MAY-11 06:18:30	ST051911M3	ST051911M4	TC
19MAY11M	20	6763-002-0001-SA	1104316-02	20-MAY-11 07:13:48	ST051911M3	ST051911M4	TC
19MAY11M	21	SB051911M2	Solvent Blank	20-MAY-11 08:09:07	ST051911M3	ST051911M4	TC
19MAY11M	22	ST051911M4	8280 CS1 071227H	20-MAY-11 09:04:30	ST051911M3	ST051911M4	TC

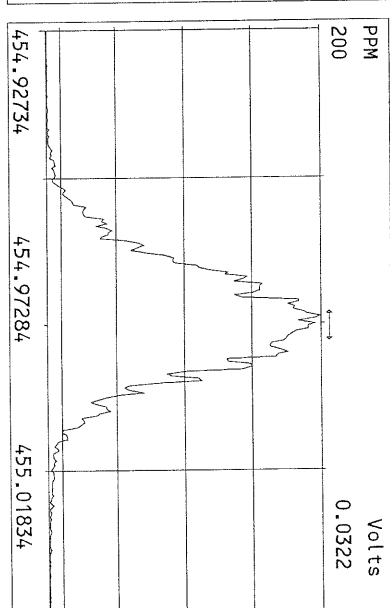
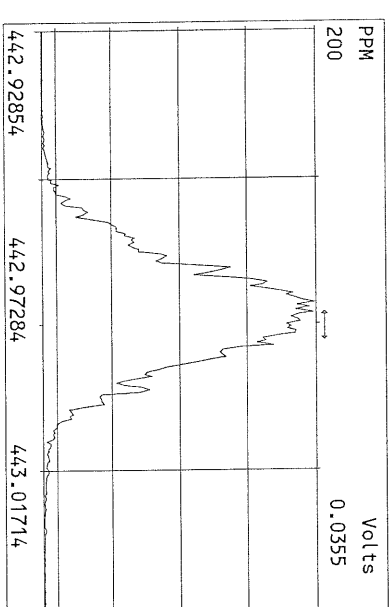
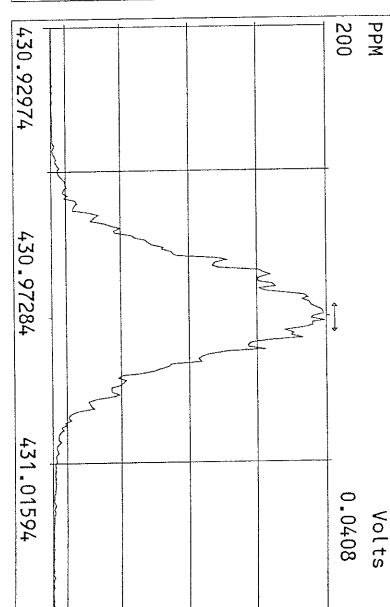
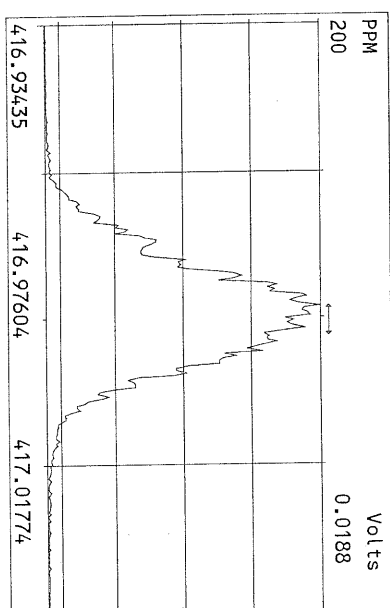
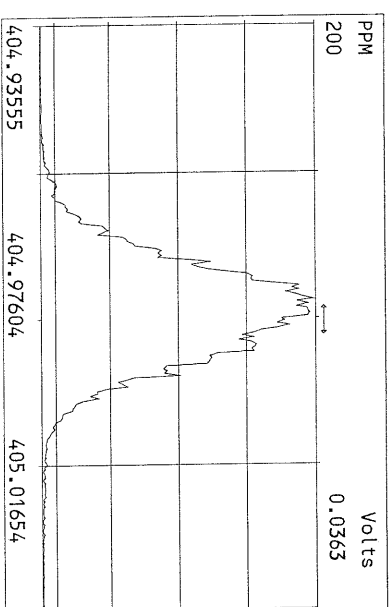
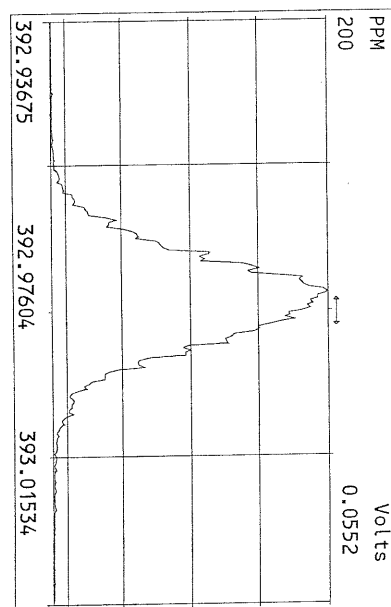
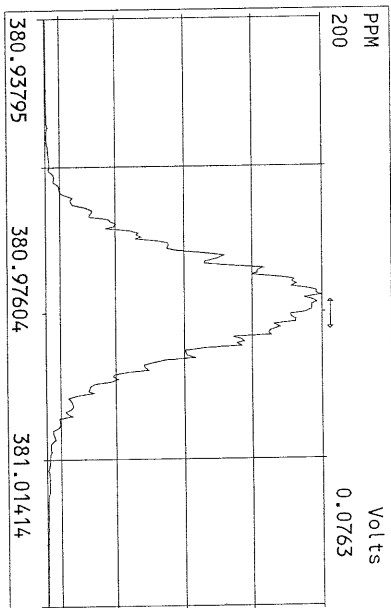
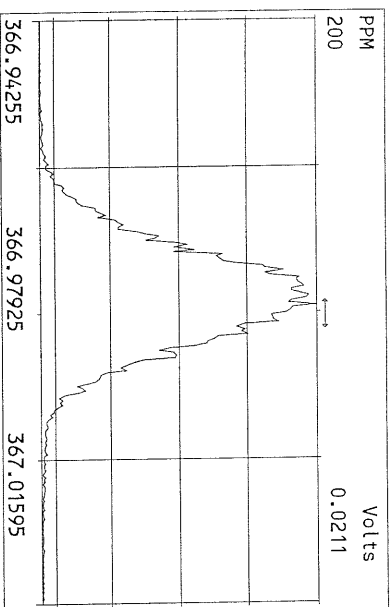
[Handwritten signature] 5/20/11

Data Backed Up: _____

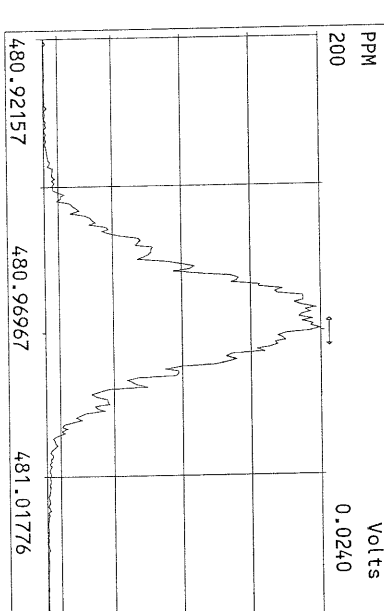
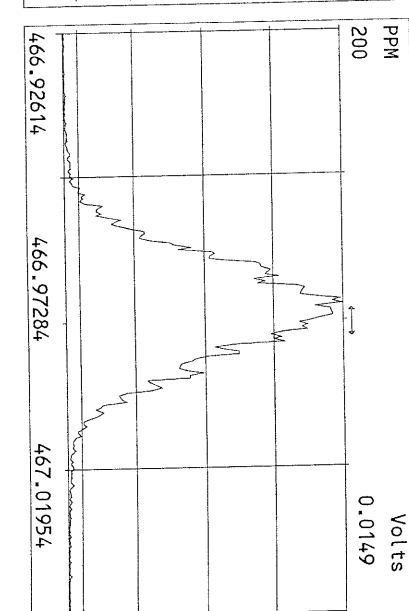
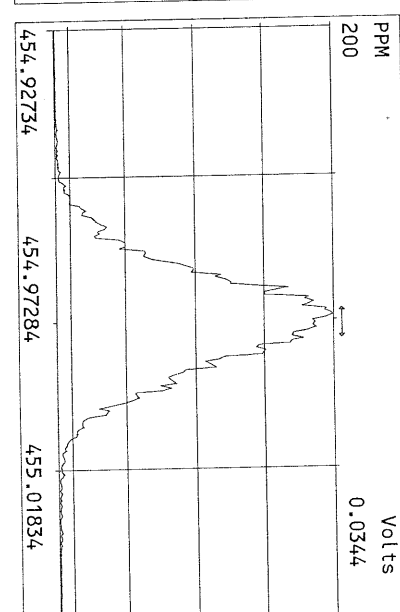
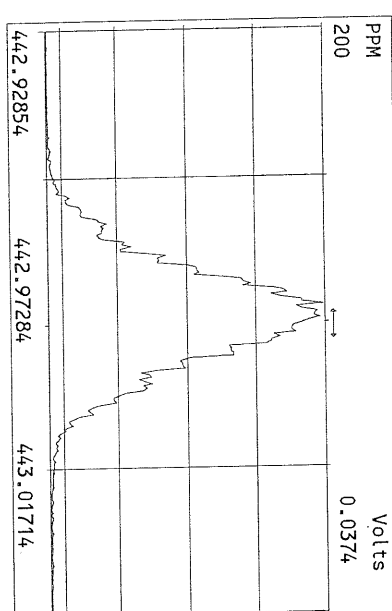
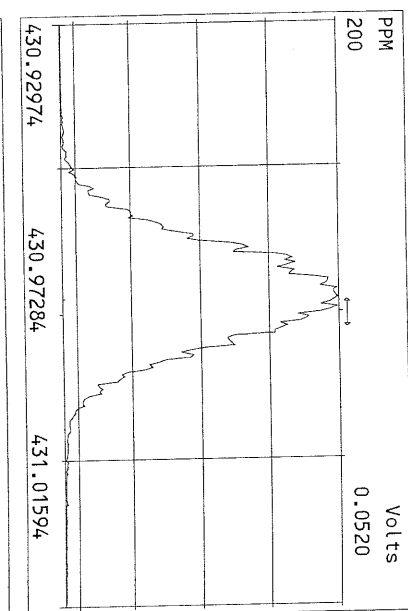
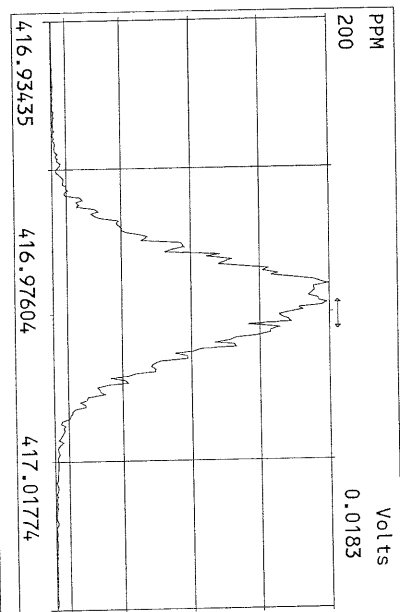
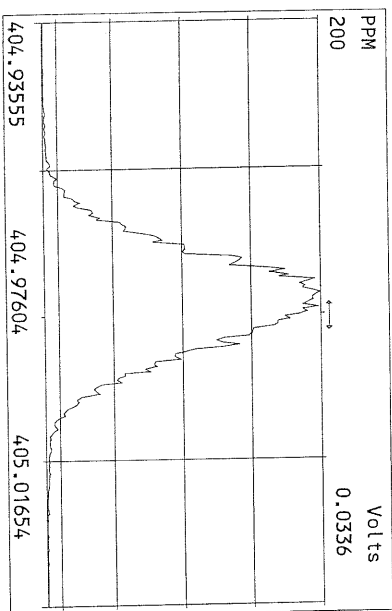
Date: _____

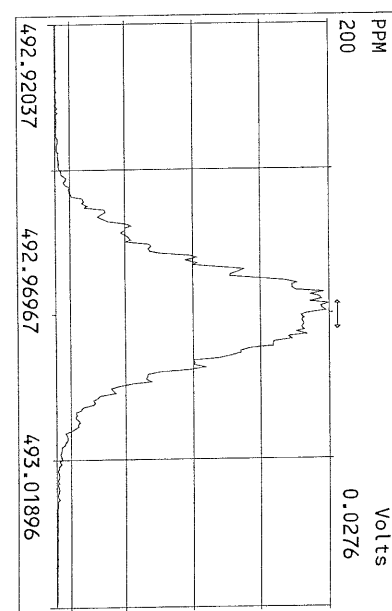
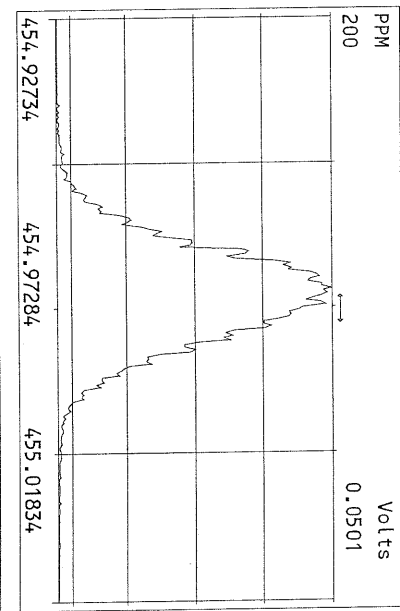
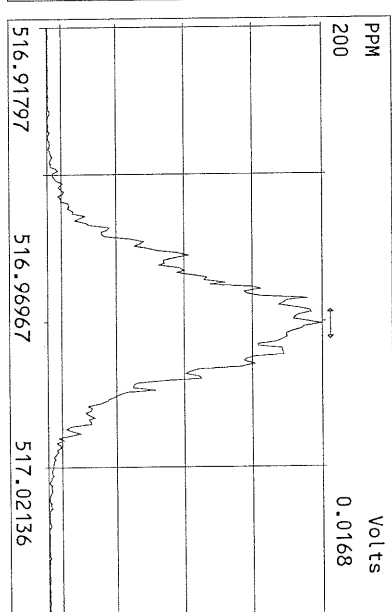
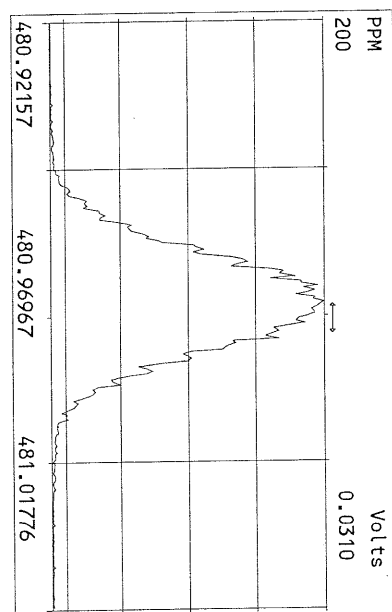
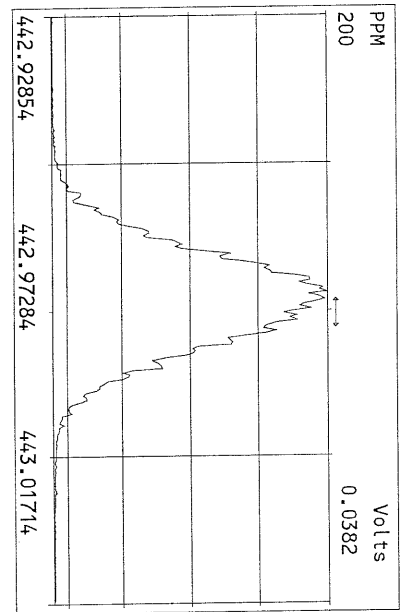
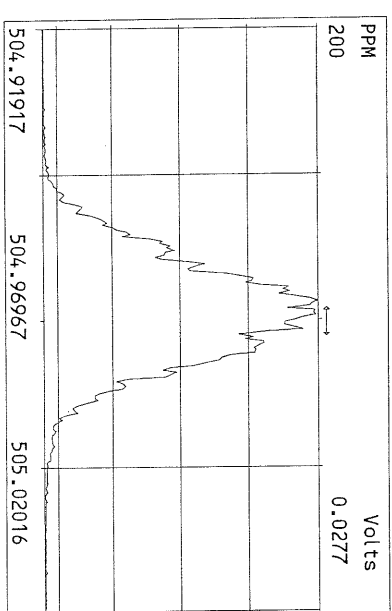
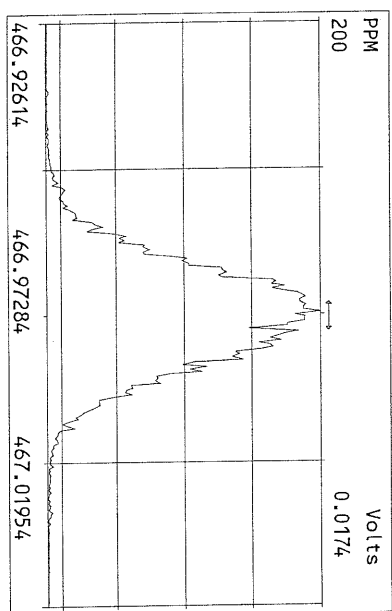
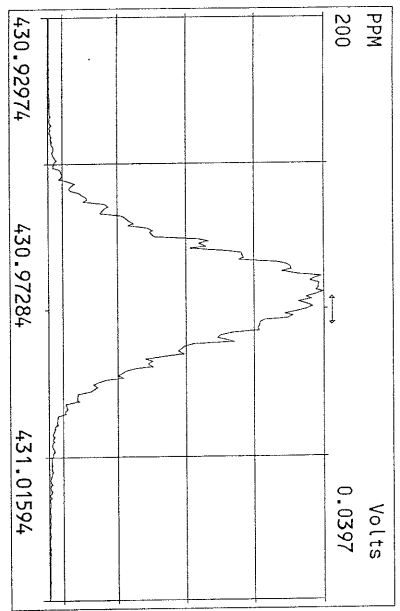




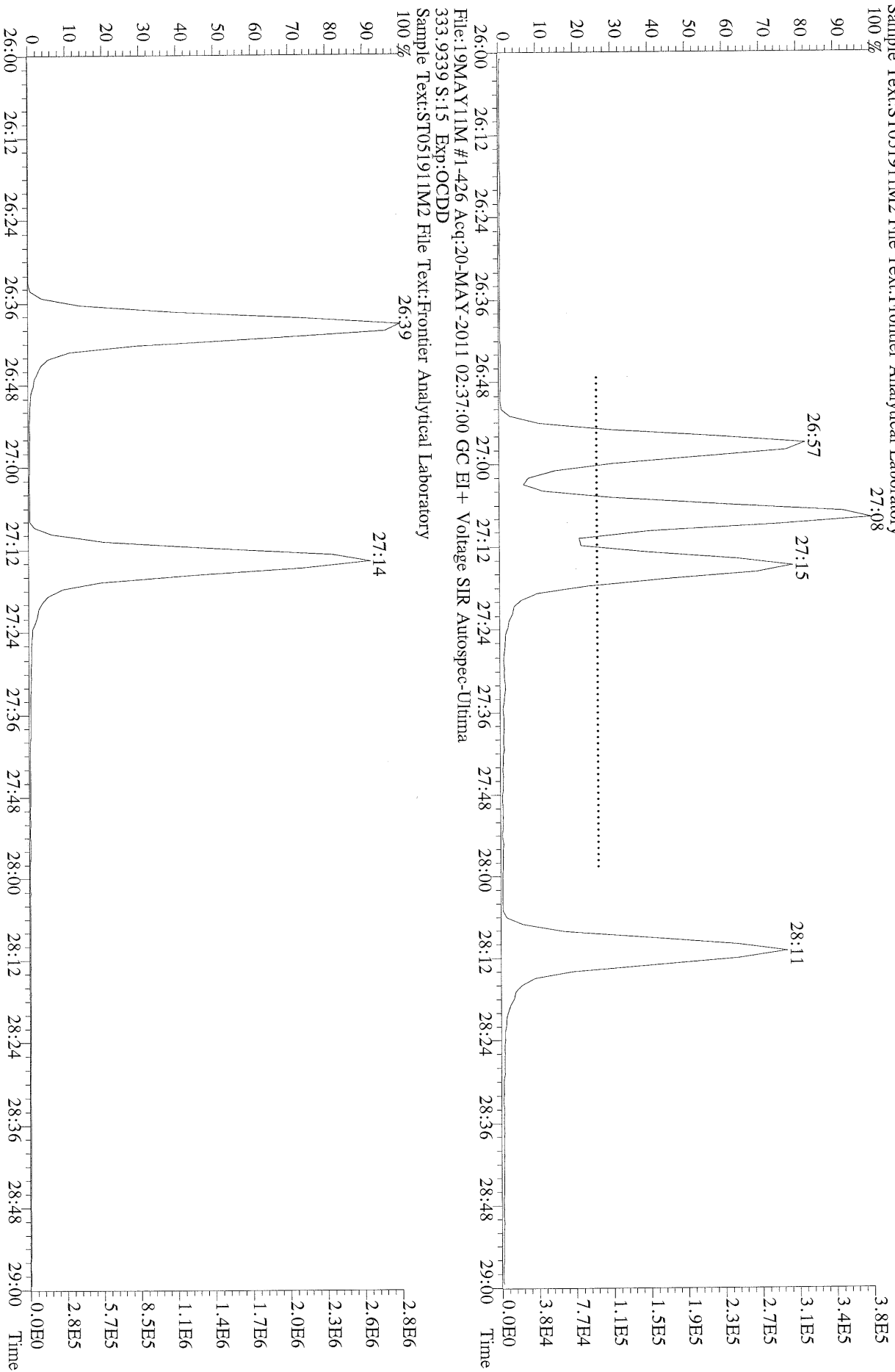


Peak Locate Examination:19-MAY-2011:13:41 File:19MAY11M
Experiment:OCD Function:4 Reference:PFK



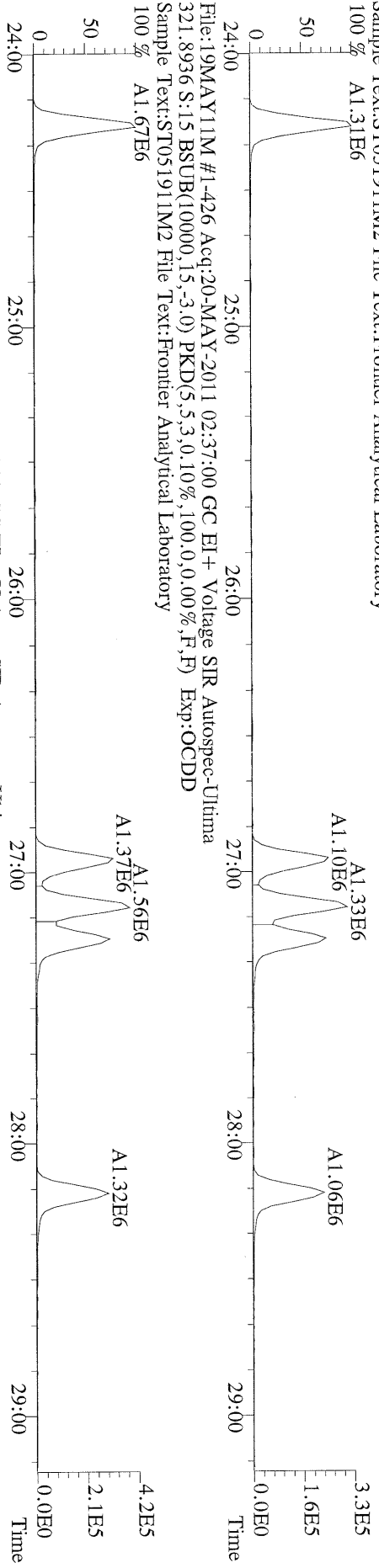


File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
321.8936 S:15 Exp:OCDD
Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory

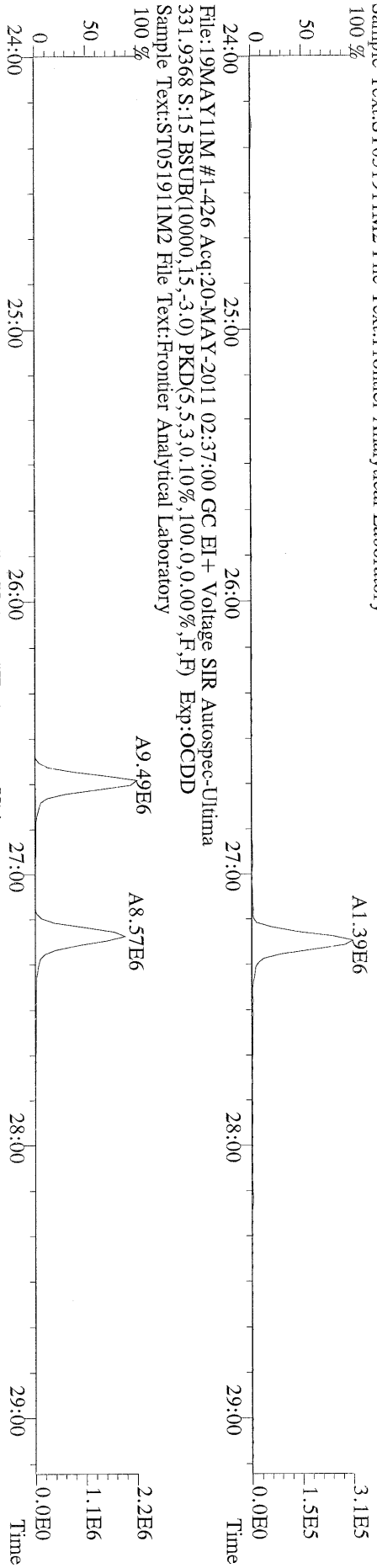


File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
333.9339 S:15 Exp:OCDD
Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory

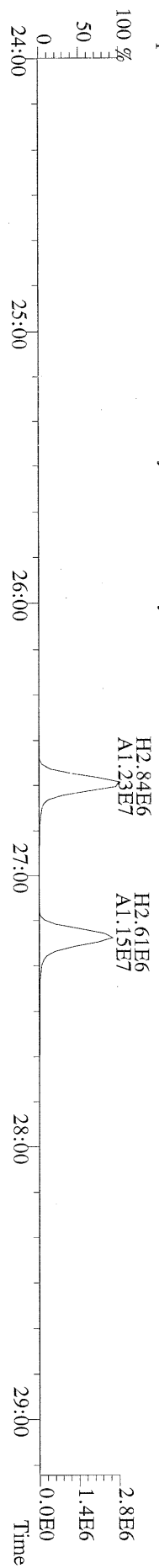
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
319.8965 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



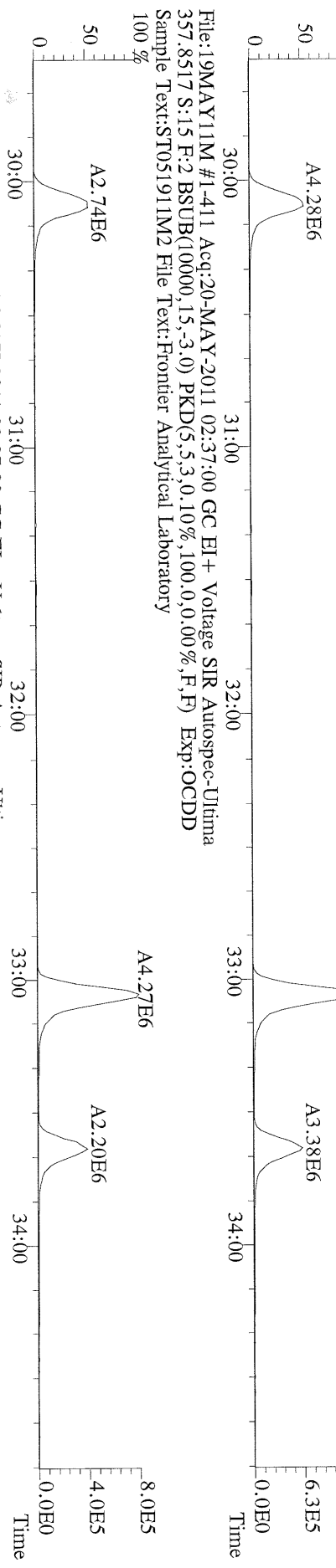
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
327.8847 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



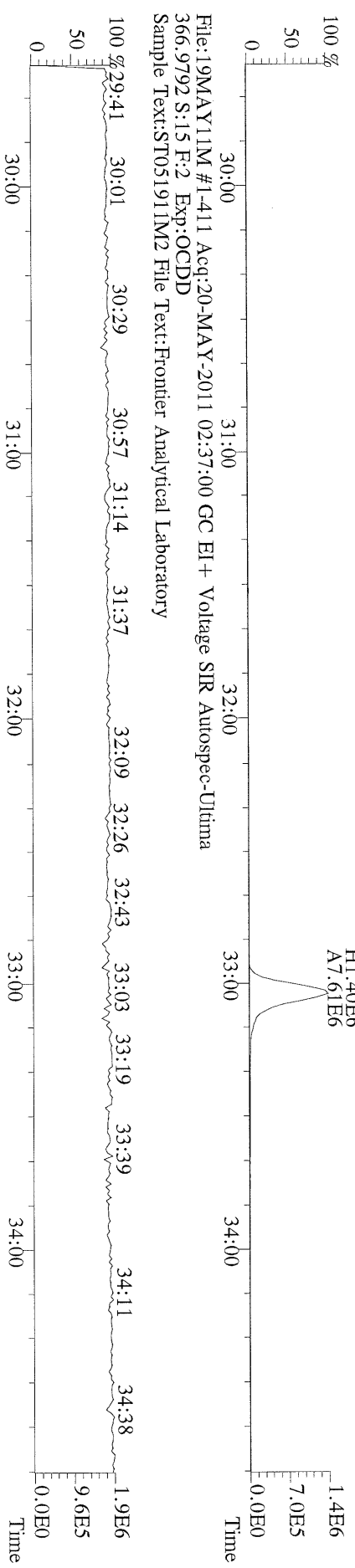
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
333.9368 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



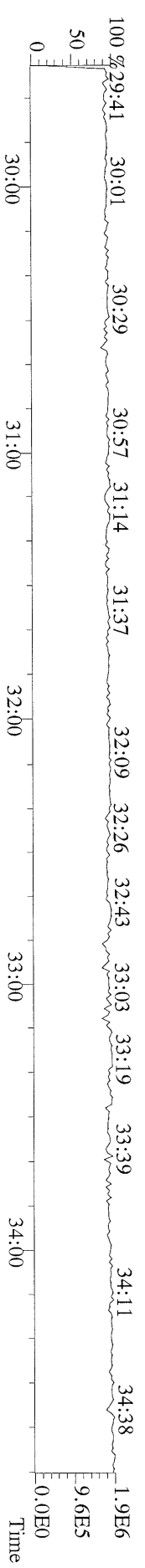
File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 355.8546 S:15 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



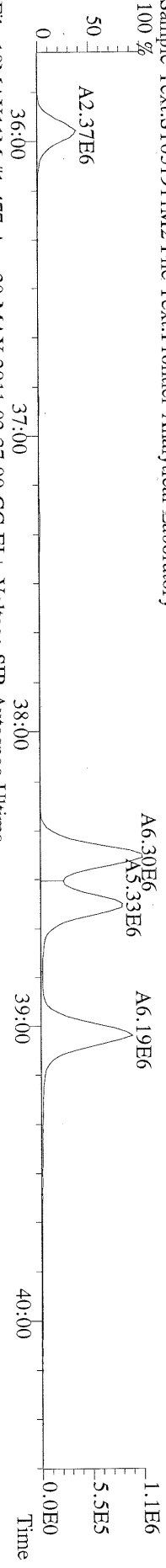
File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 367.8949 S:15 F:2 BSTUB(10000,15,-3.0) PKD(5,5,3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



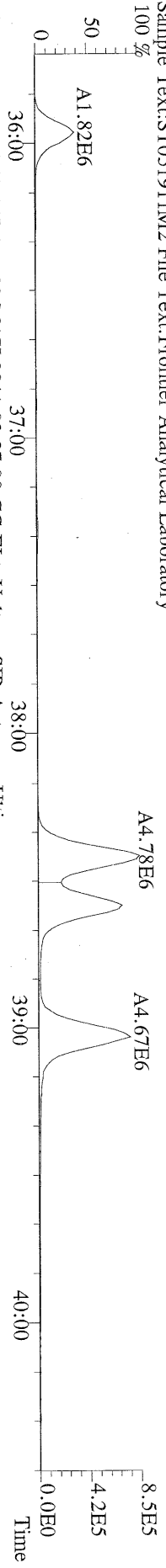
File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 366.9792 S:15 F:2 Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



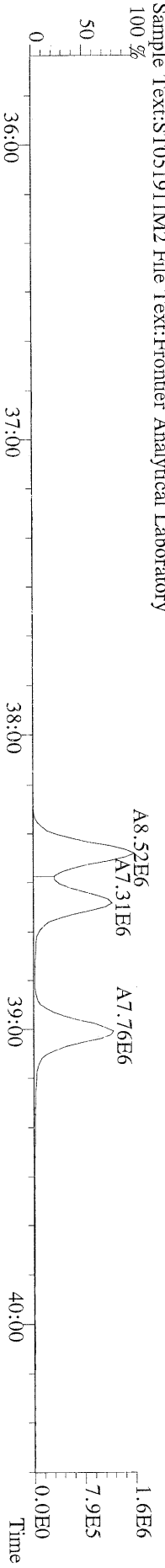
File:19MAYY11M #1-477 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 389.8156 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



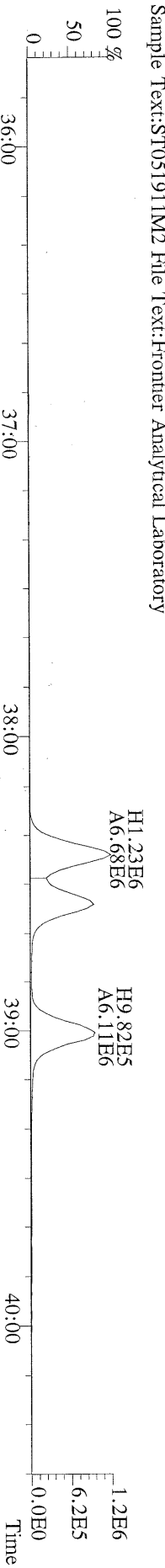
File:19MAYY11M #1-477 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 391.8127 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



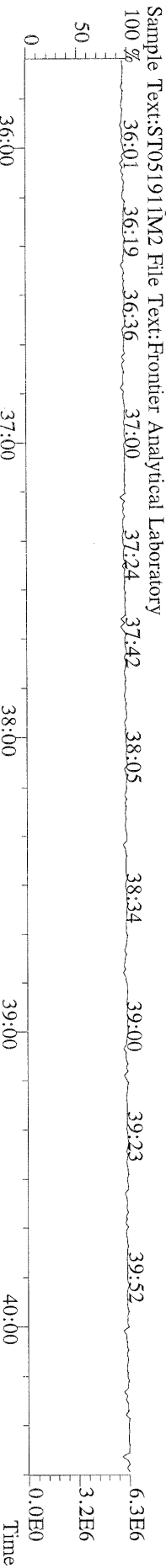
File:19MAYY11M #1-477 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 401.8559 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



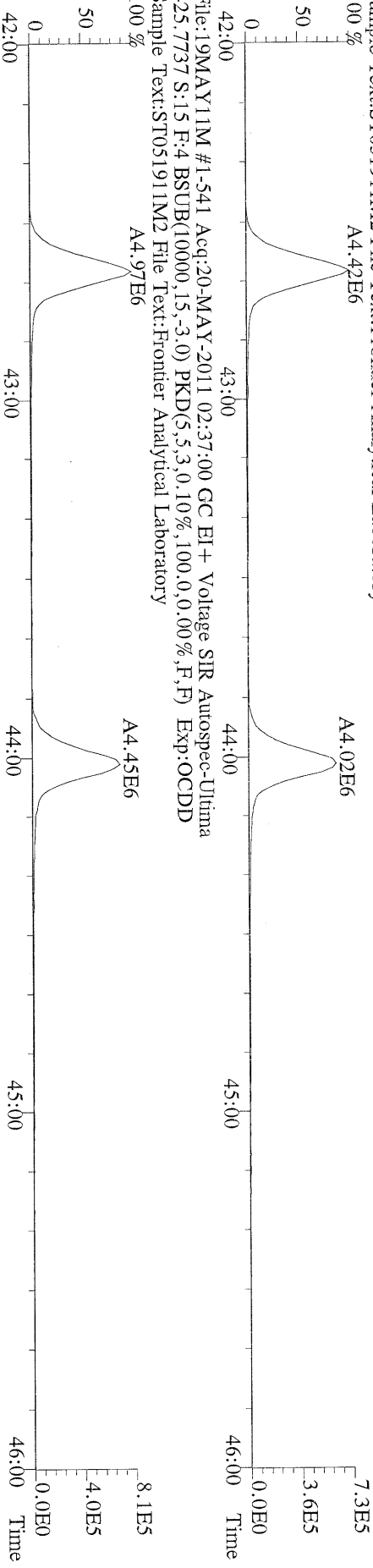
File:19MAYY11M #1-477 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 403.8530 S:15 F:3 BSUB(10000,15,-3.0) PKD(5,5.3,0.10%,100.0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



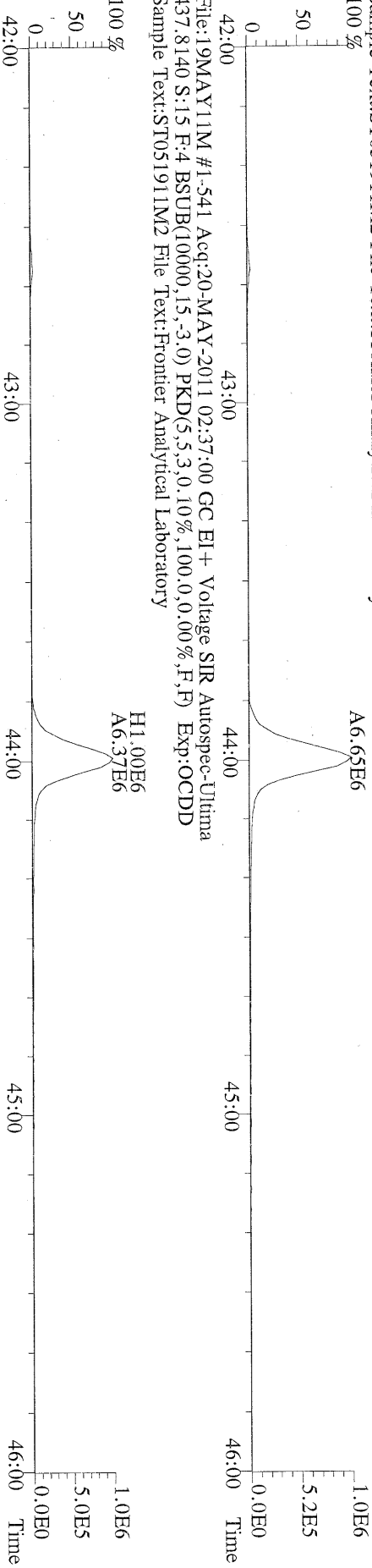
File:19MAYY11M #1-477 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 380.9760 S:15 F:3 Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



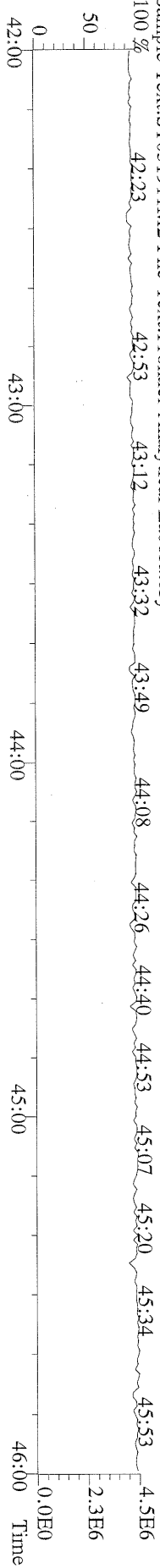
File:19MAY11M #1-541 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 423.7767 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



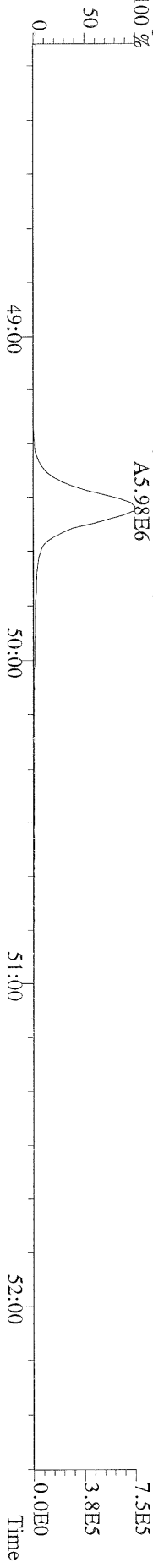
File:19MAY11M #1-541 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 435.8169 S:15 F:4 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



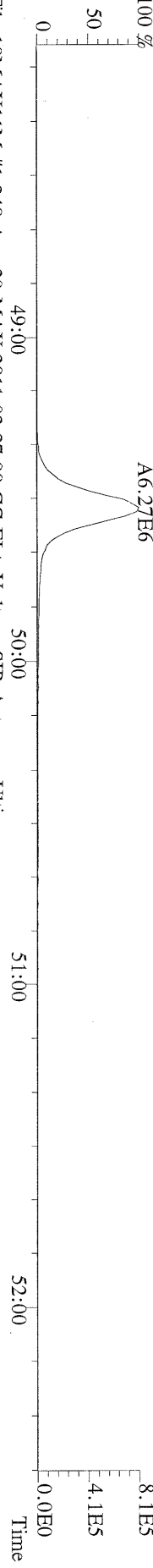
File:19MAY11M #1-541 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 430.9728 S:15 F:4 Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



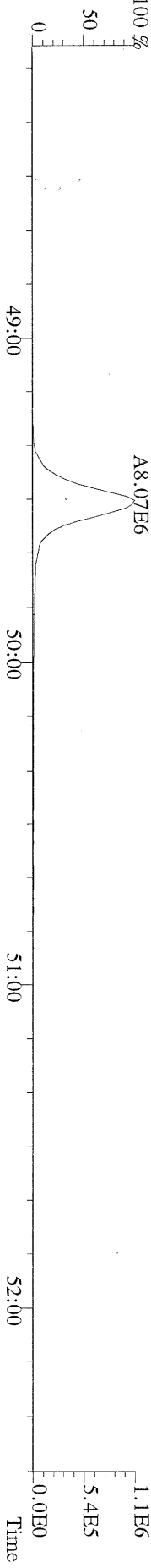
File:19MAY11M #1-348 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 457.7377 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



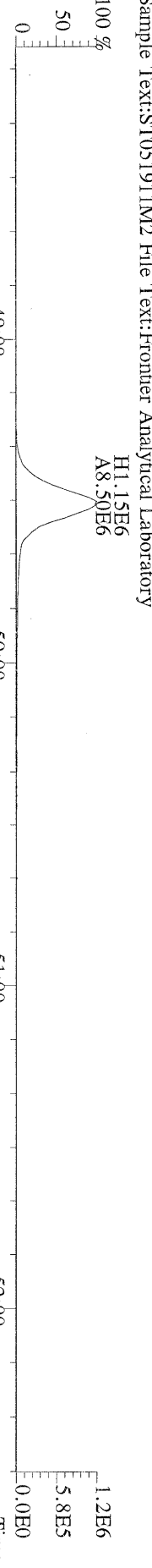
File:19MAY11M #1-348 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 459.7348 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



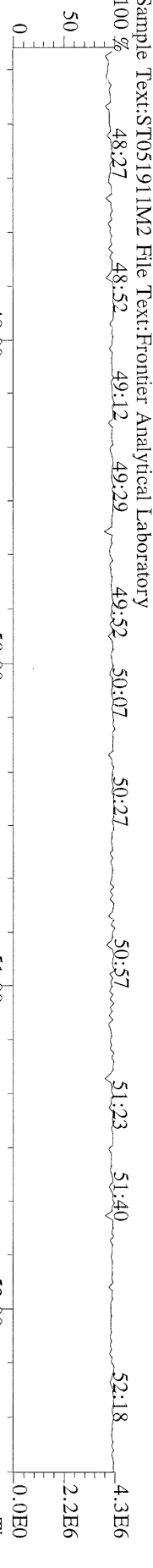
File:19MAY11M #1-348 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 469.7780 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



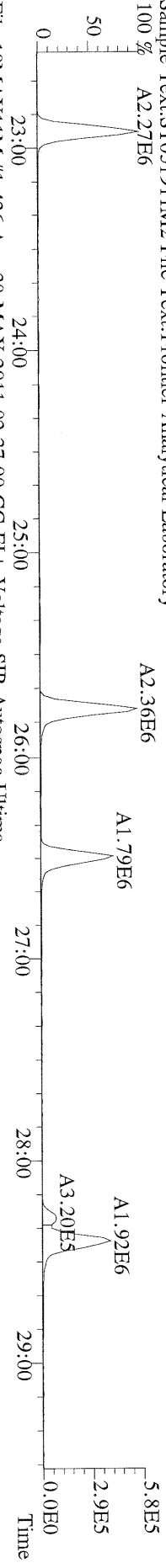
File:19MAY11M #1-348 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 471.7750 S:15 F:5 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



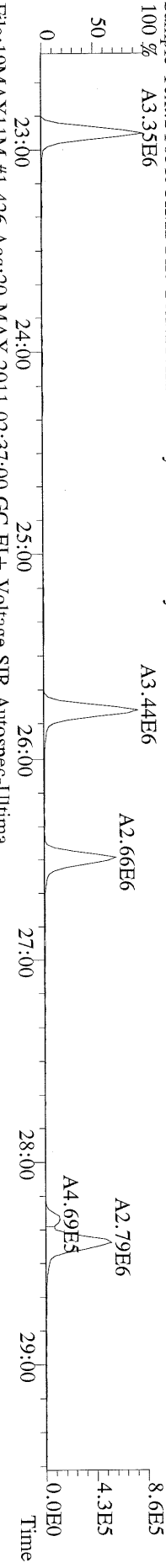
File:19MAY11M #1-348 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 454.9728 S:15 F:5 Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory
 100 %



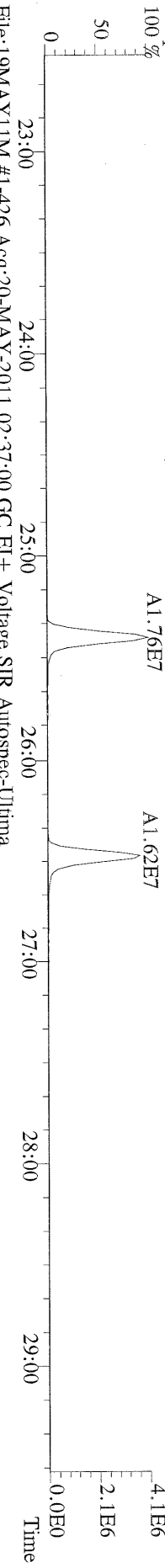
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 303.9016 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



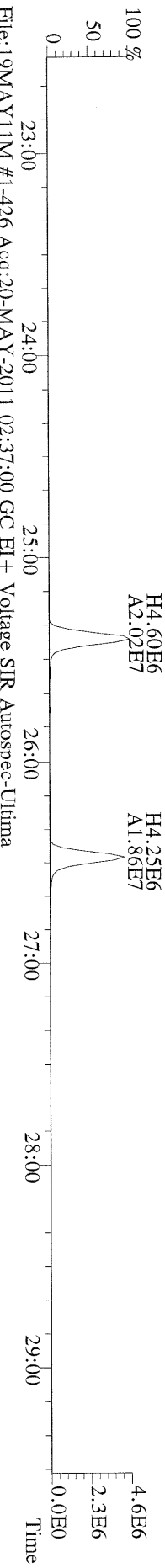
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 305.8887 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



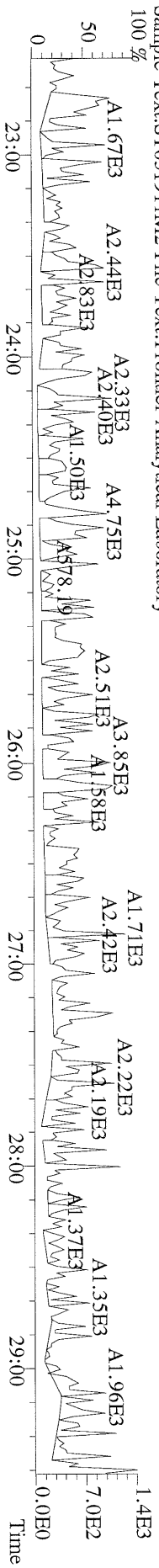
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 315.9419 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



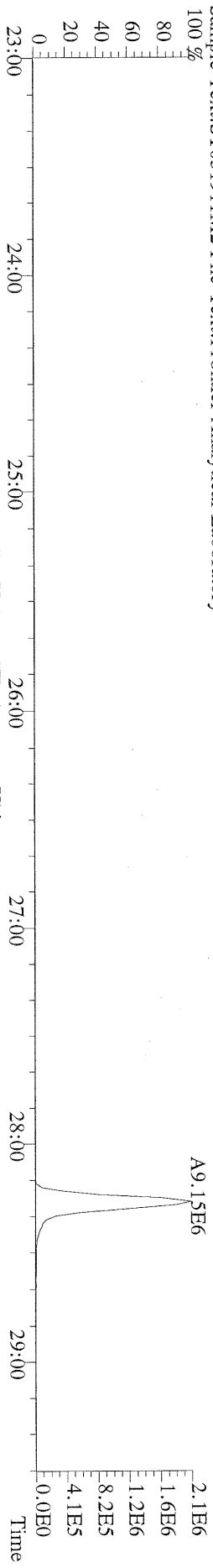
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 317.9389 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



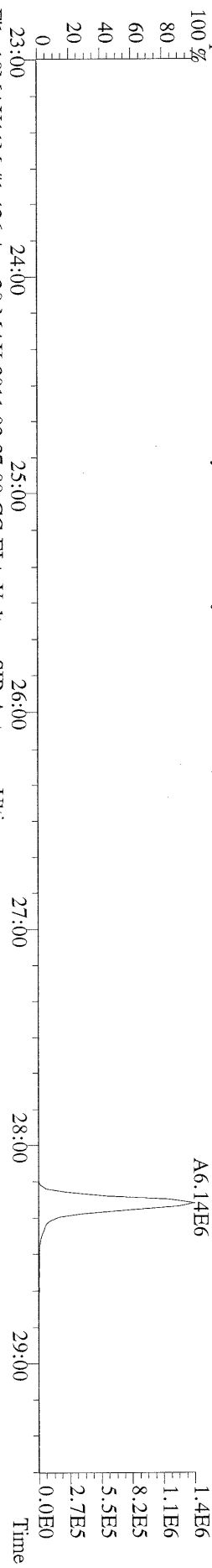
File:19MAYY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 375.8364 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



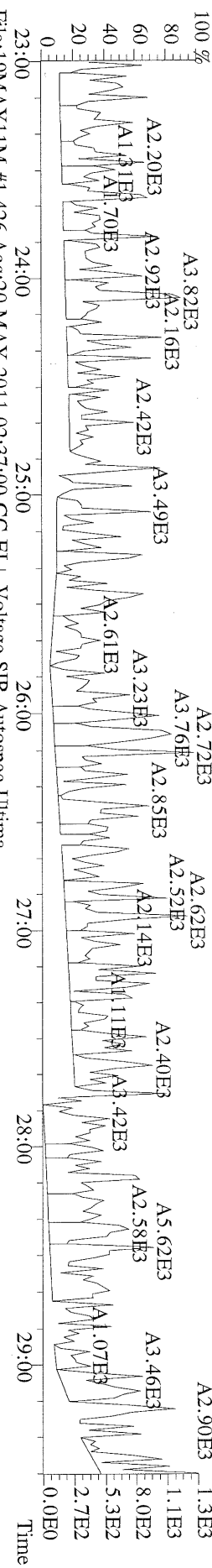
File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 339.8597 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



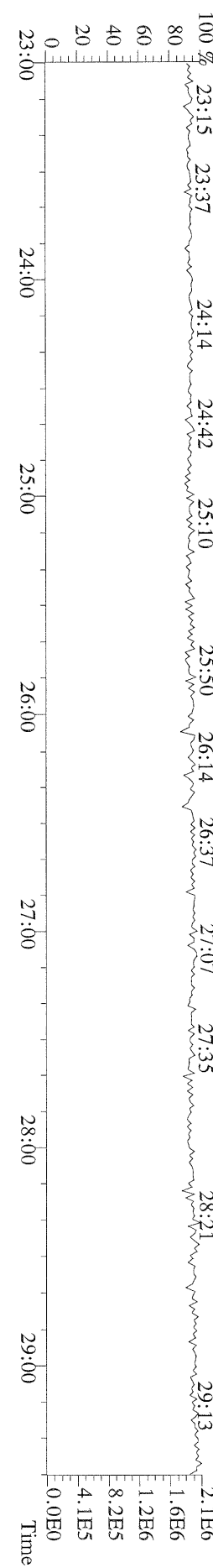
File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 341.8568 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



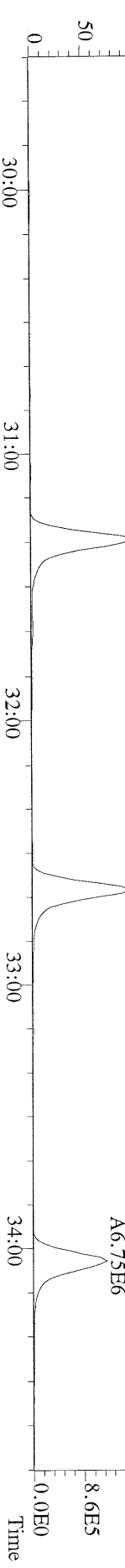
File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 409.7974 S:15 BSUB(10000,15,-3.0) PKD(5,5,3,0,10%,100,0,0,0.00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



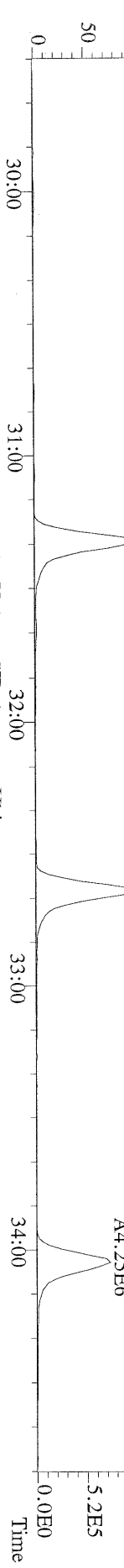
File:19MAY11M #1-426 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Utima
 316.9824 S:15 Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



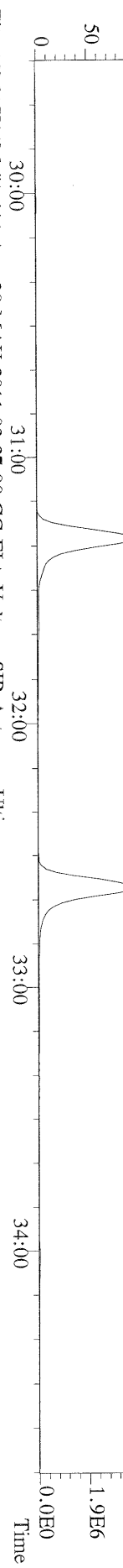
File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 339.8597 S:15 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 341.8568 S:15 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 351.9000 S:15 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory



File:19MAY11M #1-411 Acq:20-MAY-2011 02:37:00 GC EI+ Voltage SIR Autospec-Ultima
 353.8970 S:15 F:2 BSUB(10000,15,-3,0) PKD(5,5,3,0,10%,100,0,0,00%,F,F) Exp:OCDD
 Sample Text:ST051911M2 File Text:Frontier Analytical Laboratory

