

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

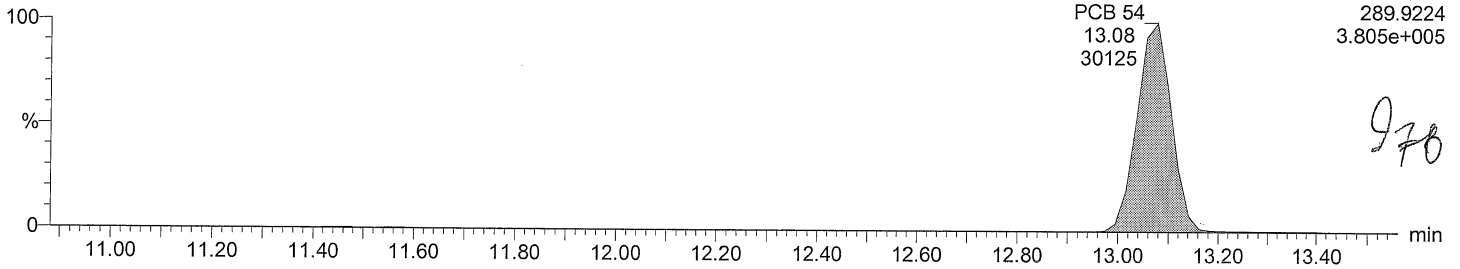
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

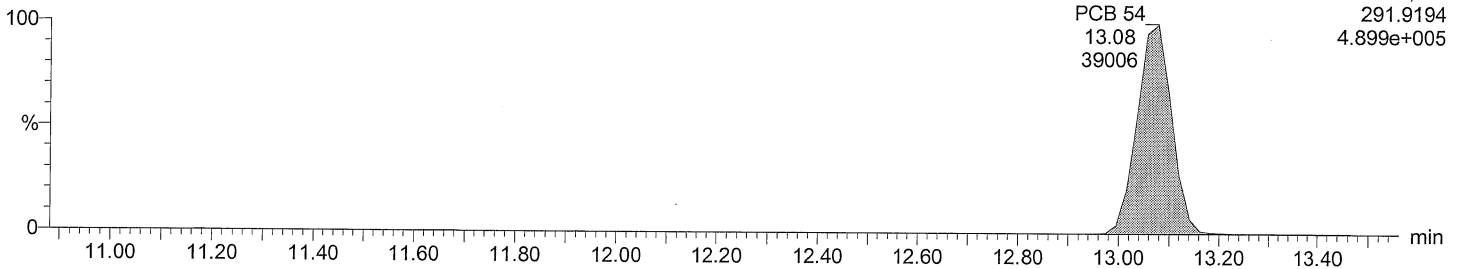
Total TeCB F2

M2160218DS003 Smooth(SG,3x1)



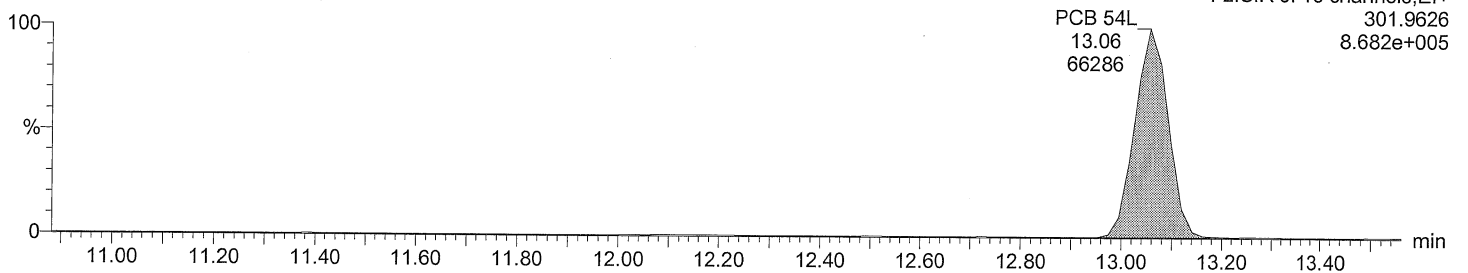
Total TeCB F2

M2160218DS003 Smooth(SG,3x1)



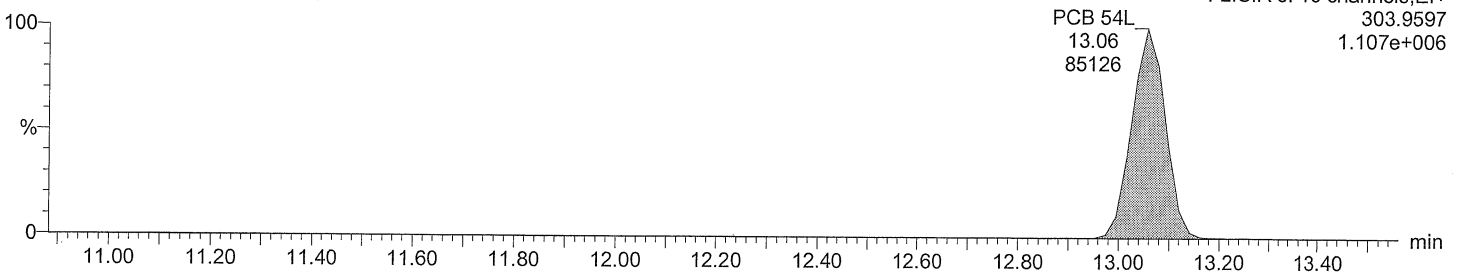
Total TeCB labeled F2

M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS003 Smooth(SG,3x1)



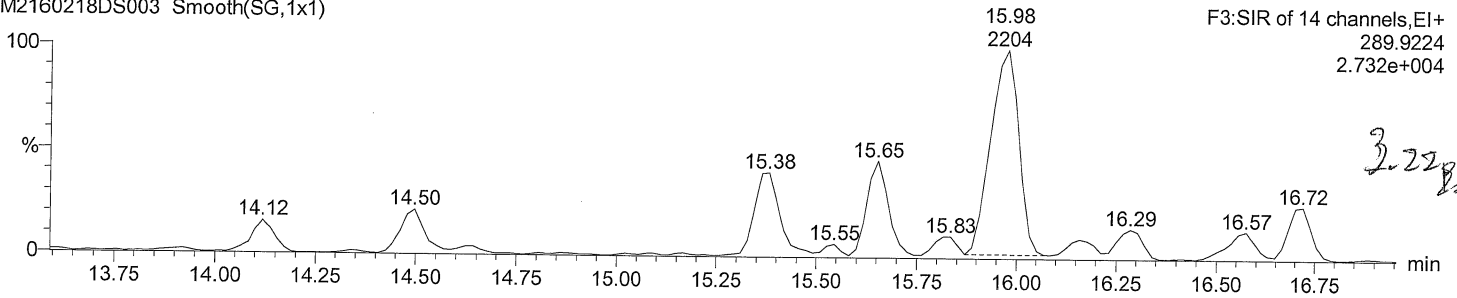
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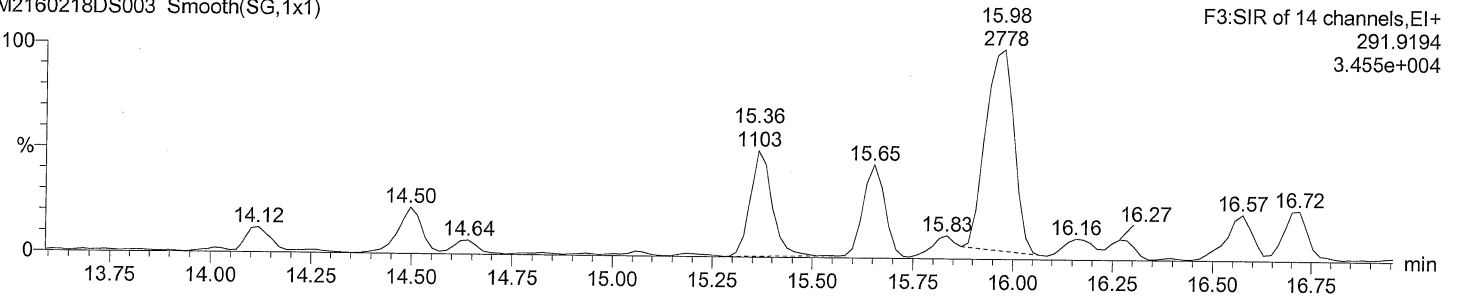
Total TeCB F3

M2160218DS003 Smooth(SG,1x1)



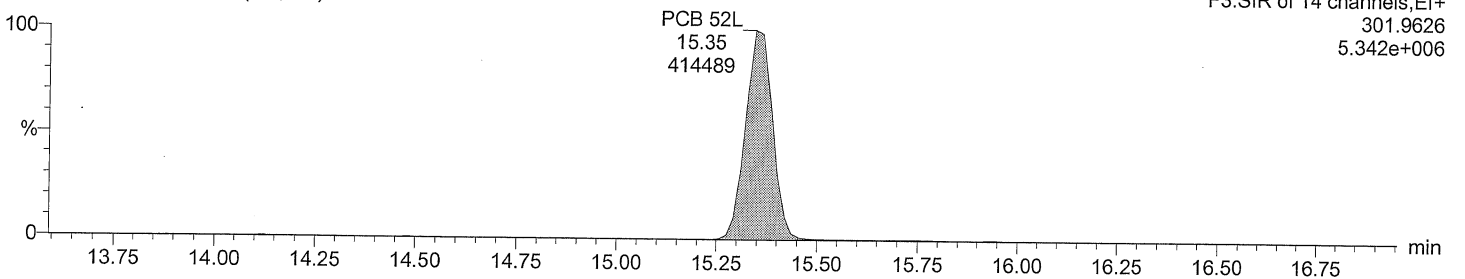
Total TeCB F3

M2160218DS003 Smooth(SG,1x1)



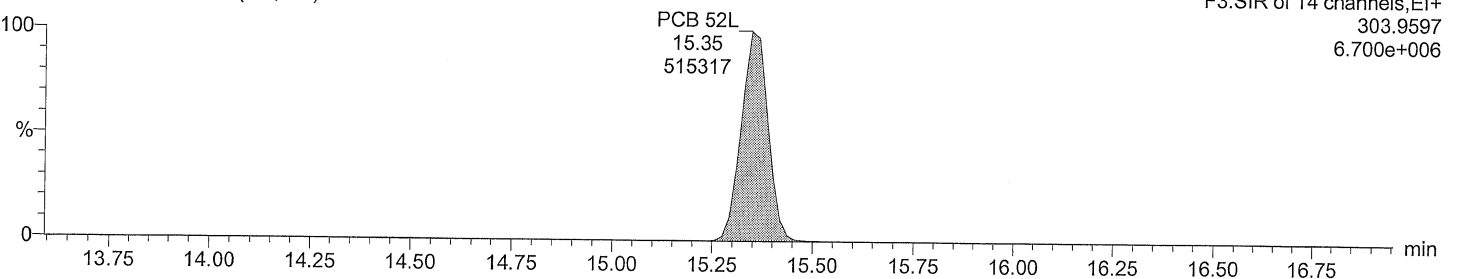
Total TeCB labeled F3

M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS003 Smooth(SG,3x1)



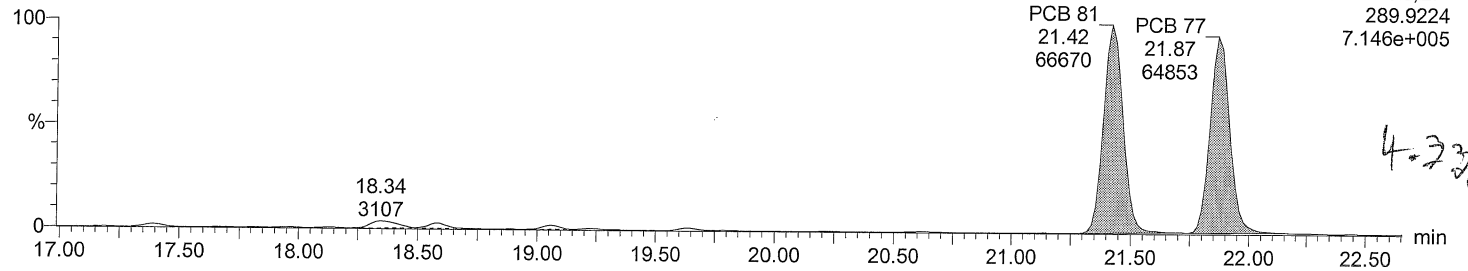
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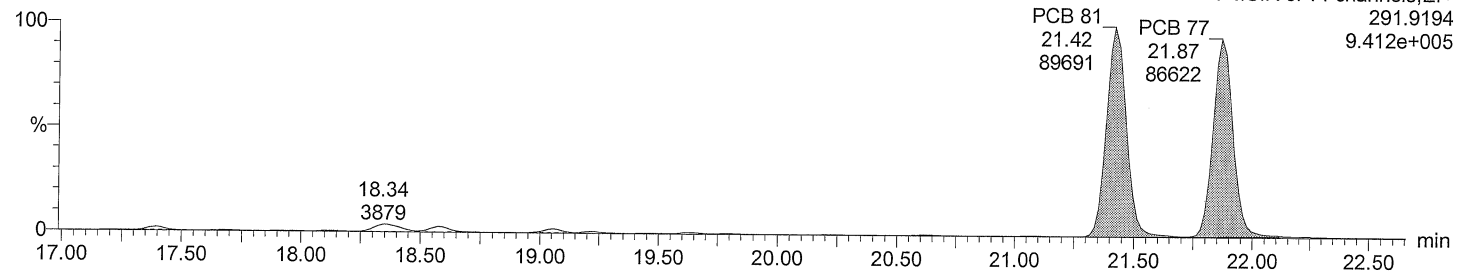
Total TeCB F4

M2160218DS003 Smooth(SG,3x1)



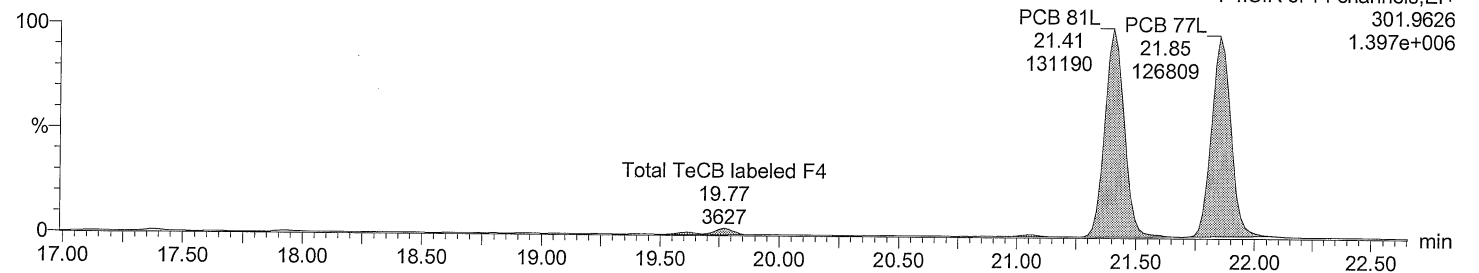
Total TeCB F4

M2160218DS003 Smooth(SG,3x1)



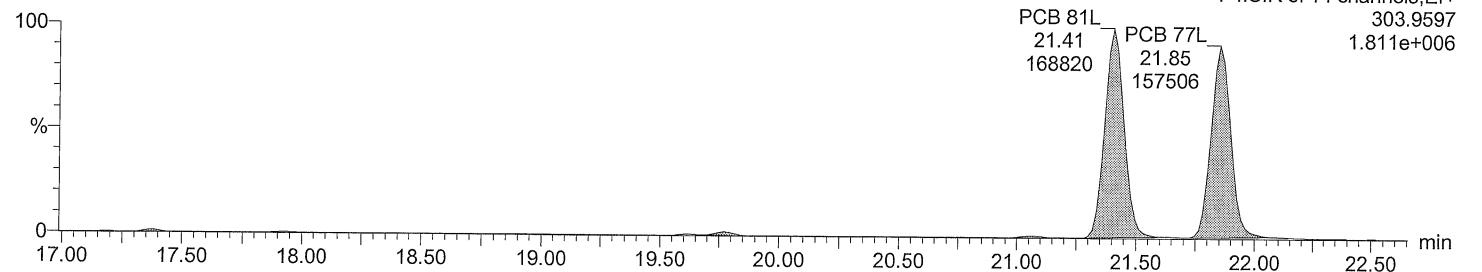
Total TeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



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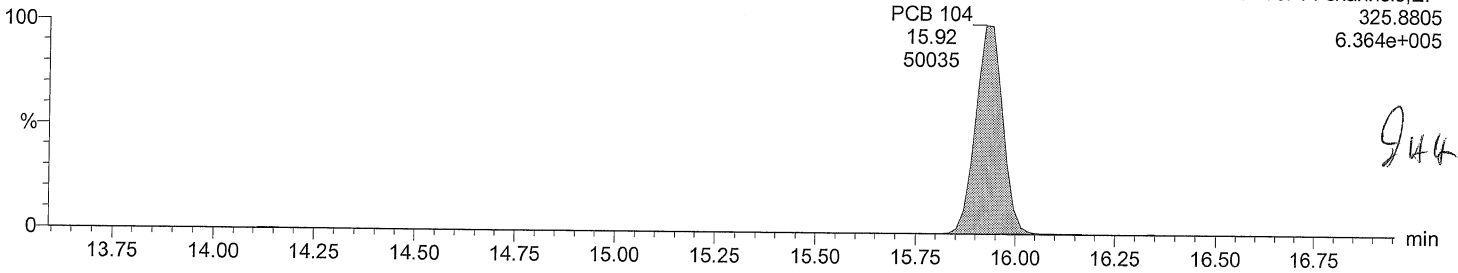
Vial: 3

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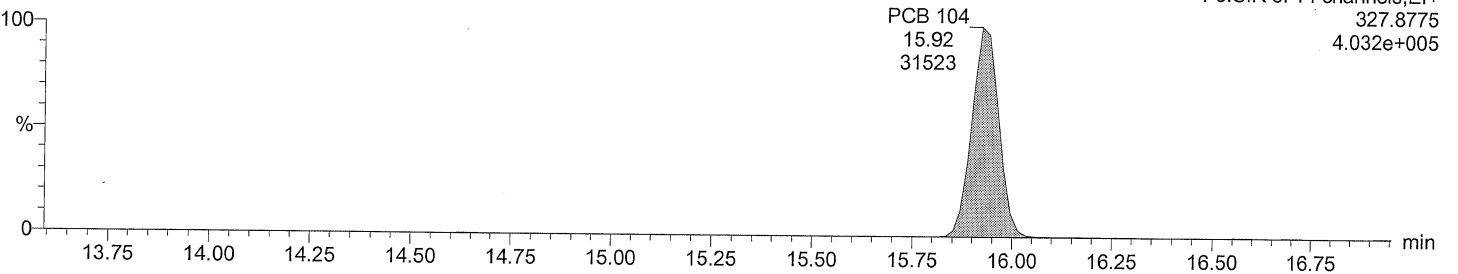
Total PeCB F3

M2160218DS003 Smooth(SG,3x1)



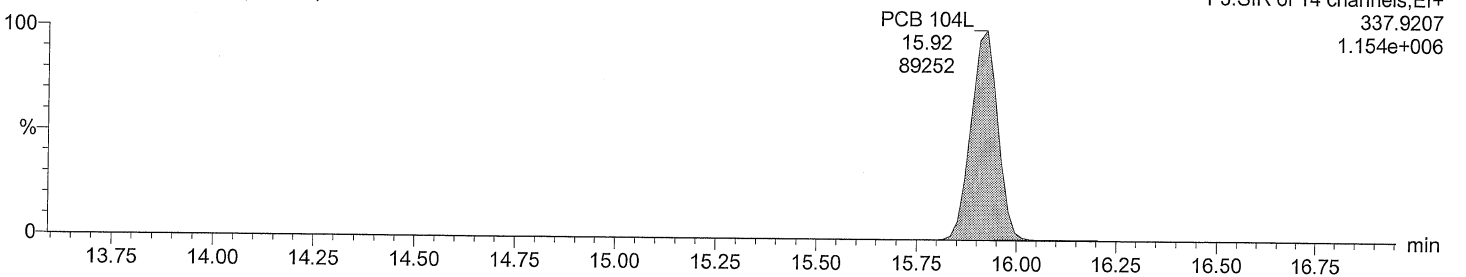
Total PeCB F3

M2160218DS003 Smooth(SG,3x1)



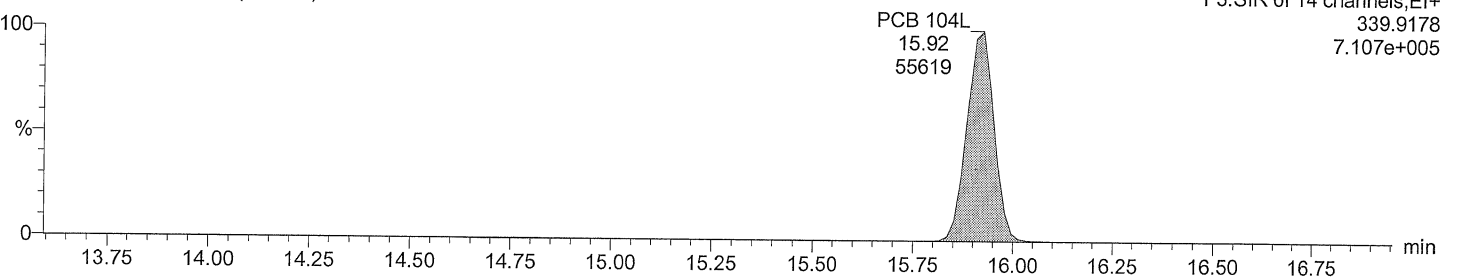
Total PeCB labeled F3

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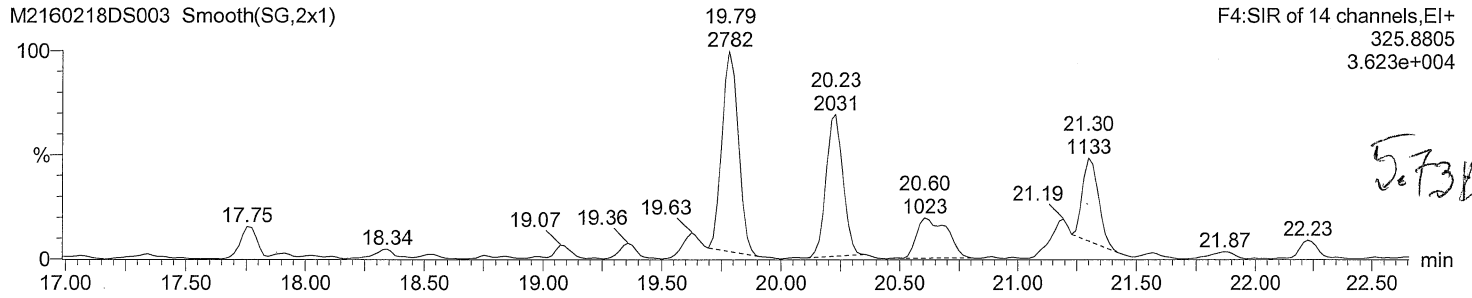
Vial: 3

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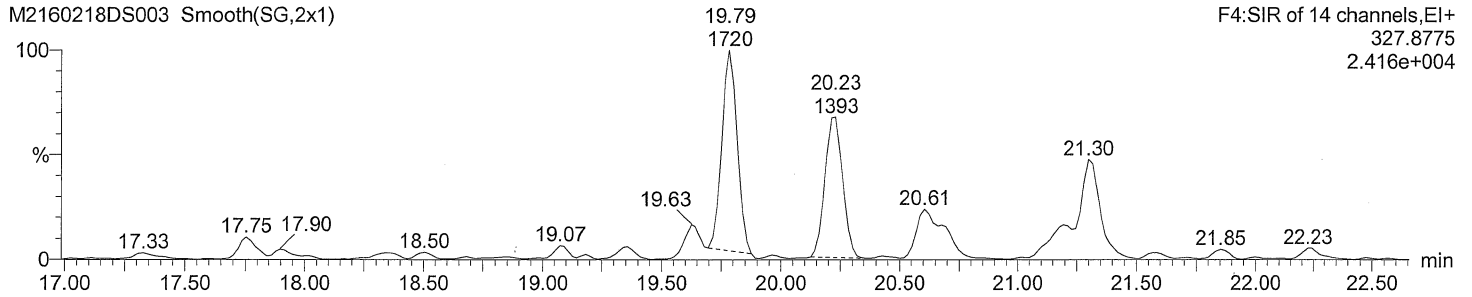
Total PeCB F4

M2160218DS003 Smooth(SG,2x1)



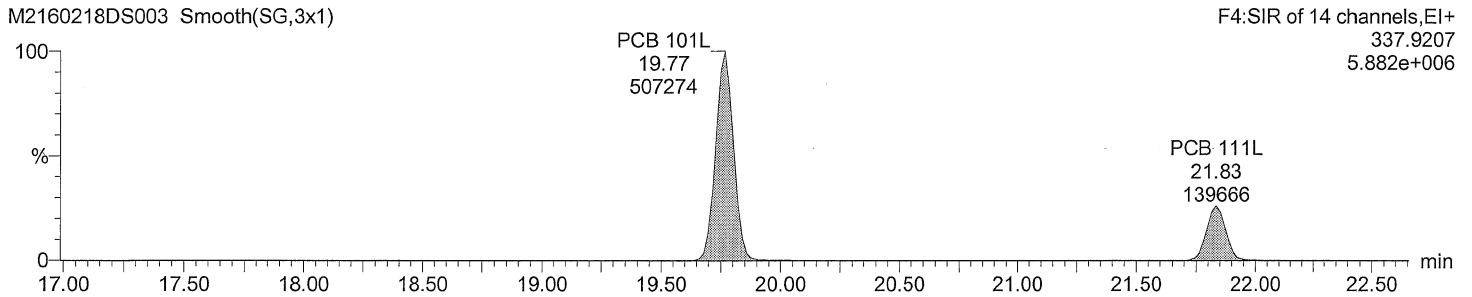
Total PeCB F4

M2160218DS003 Smooth(SG,2x1)



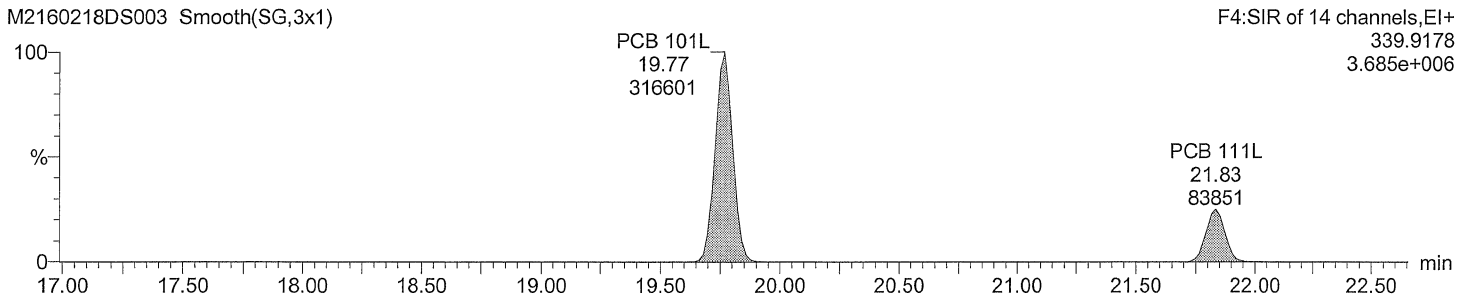
Total PeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



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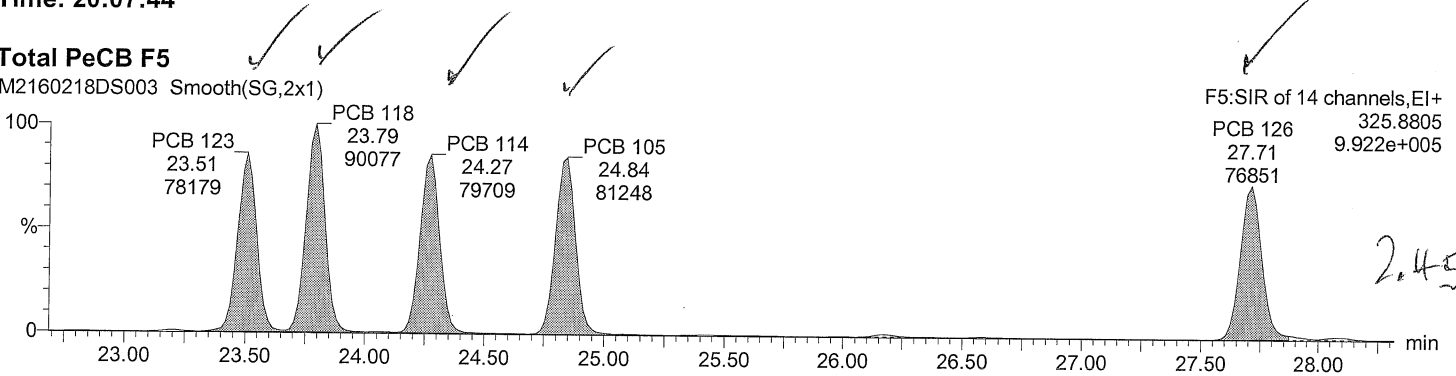
Vial: 3

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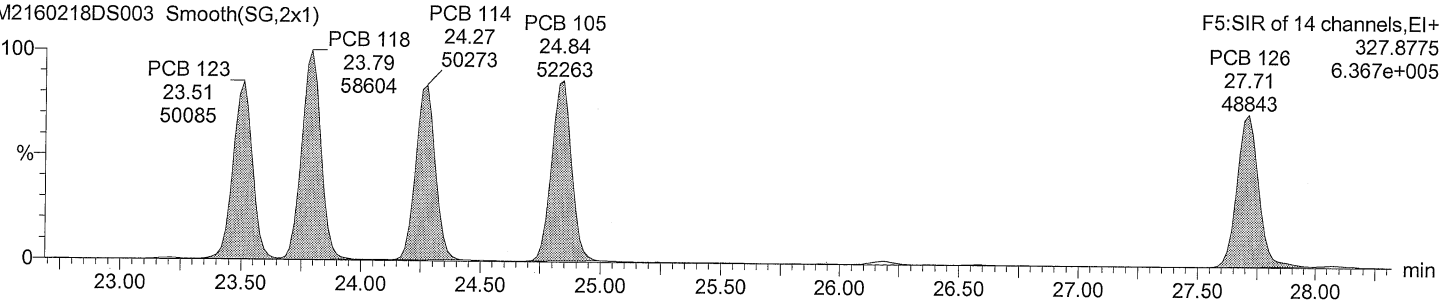
Total PeCB F5

M2160218DS003 Smooth(SG,2x1)



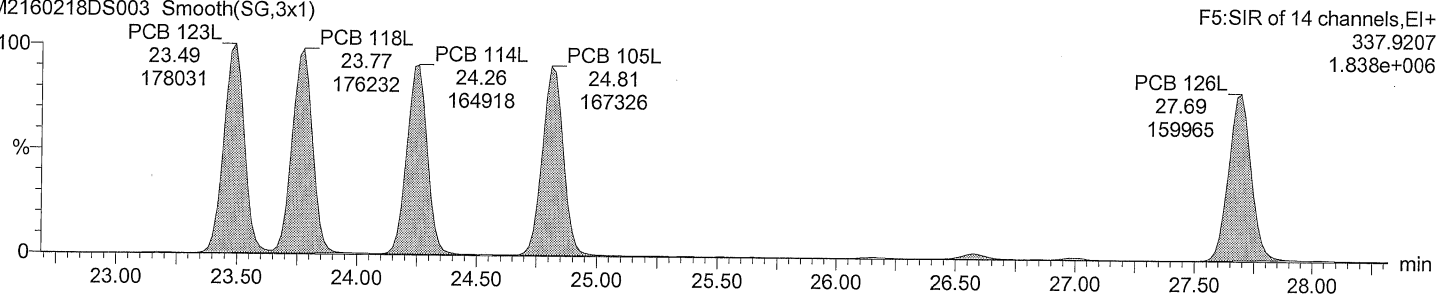
Total PeCB F5

M2160218DS003 Smooth(SG,2x1)



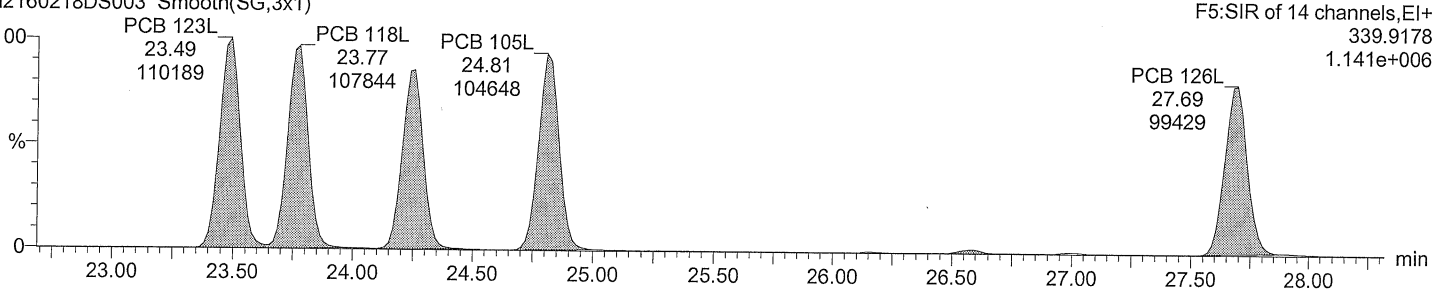
Total PeCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS003 Smooth(SG,3x1)



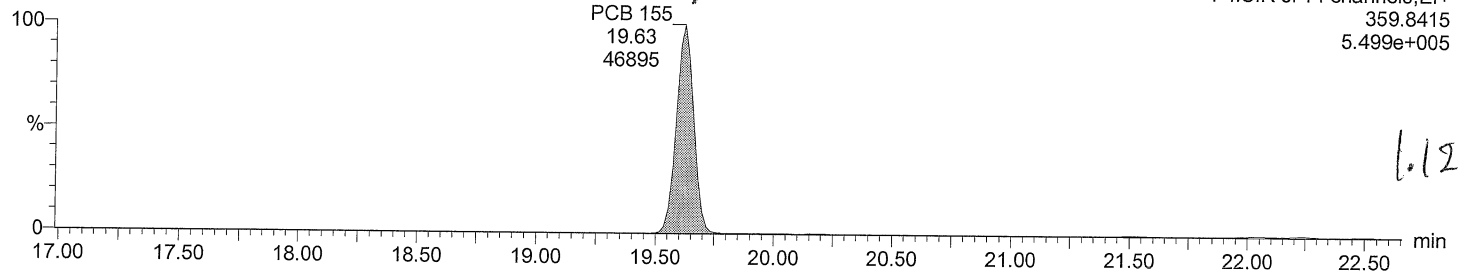
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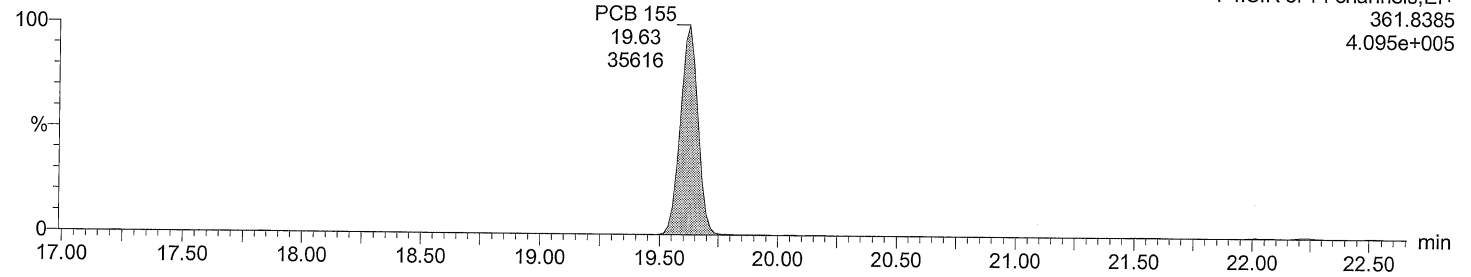
Total HxCB F4

M2160218DS003 Smooth(SG,3x1)



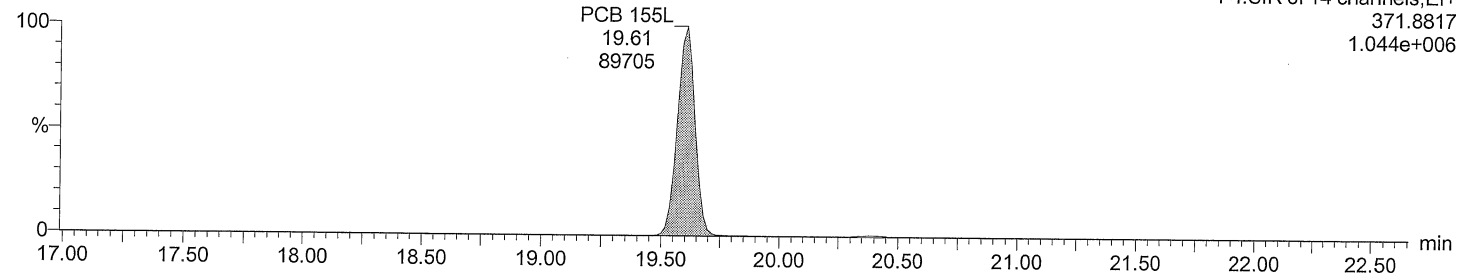
Total HxCB F4

M2160218DS003 Smooth(SG,3x1)



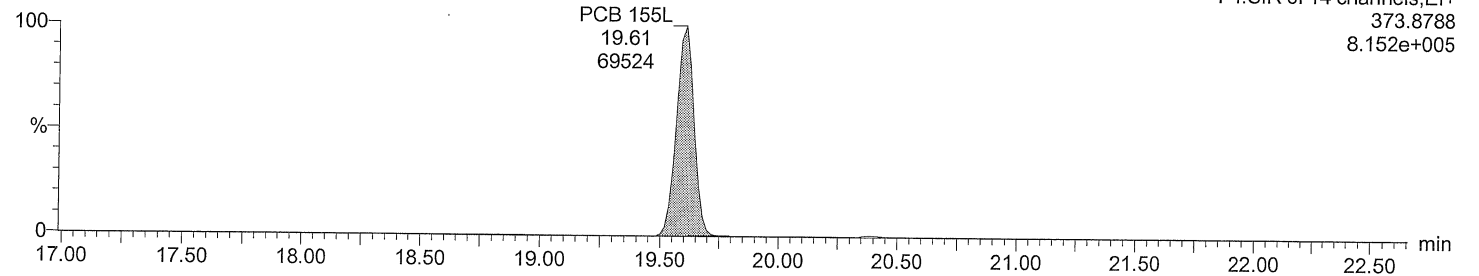
Total HxCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS003 Smooth(SG,3x1)



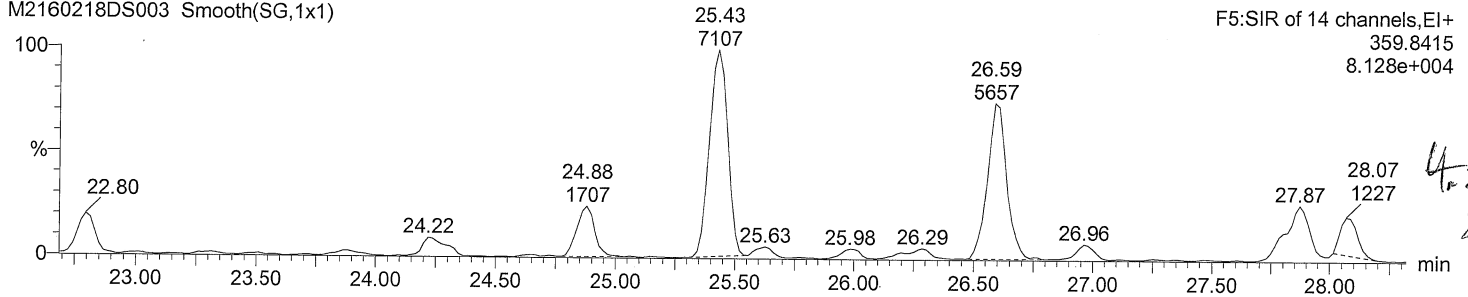
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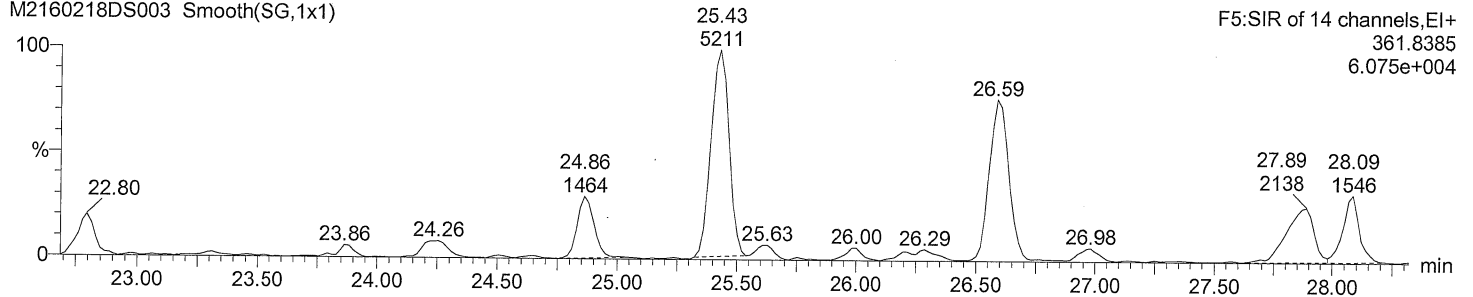
Total HxCB F5

M2160218DS003 Smooth(SG,1x1)



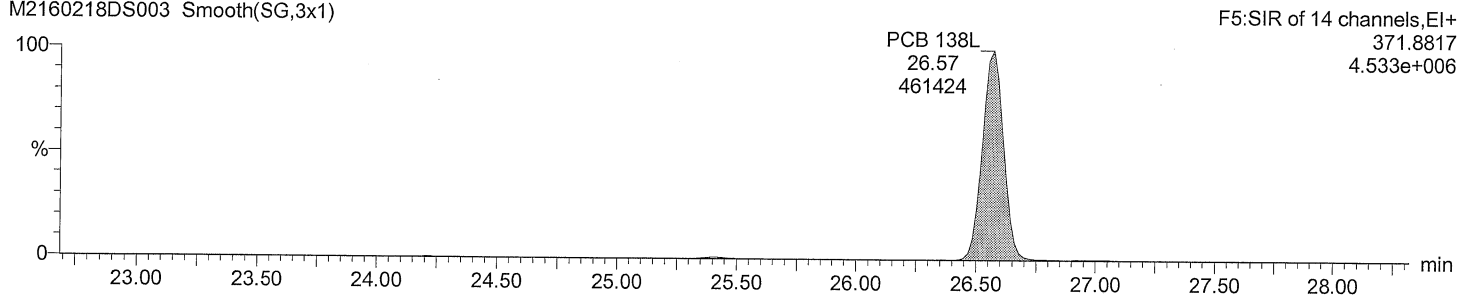
Total HxCB F5

M2160218DS003 Smooth(SG,1x1)



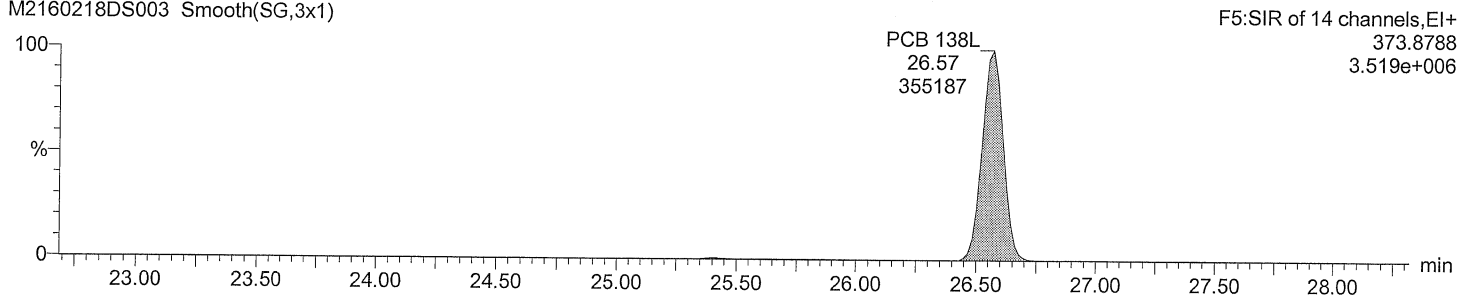
Total HxCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS003 Smooth(SG,3x1)

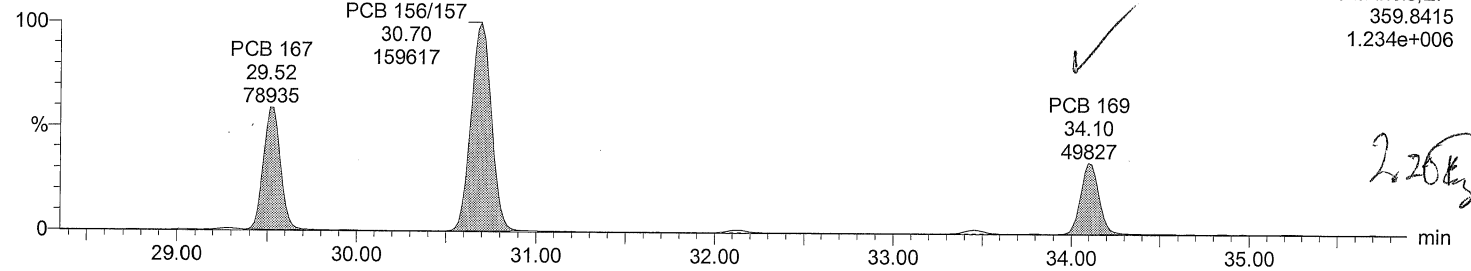


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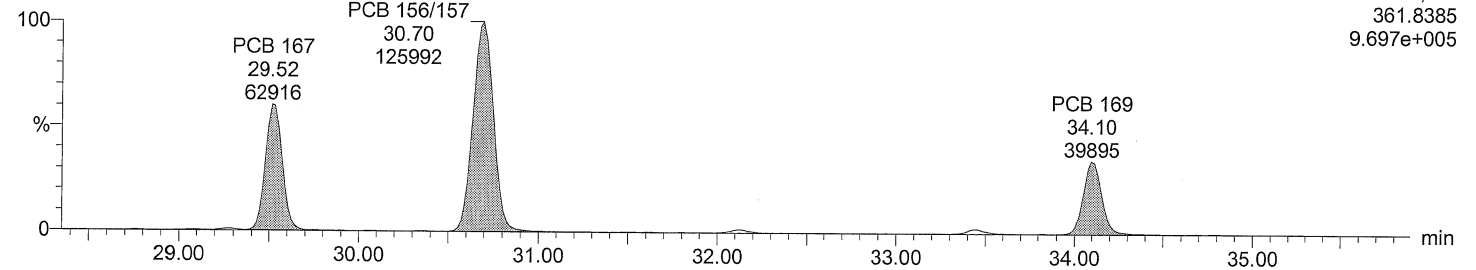
Total HxCB F6

M2160218DS003 Smooth(SG,3x1)



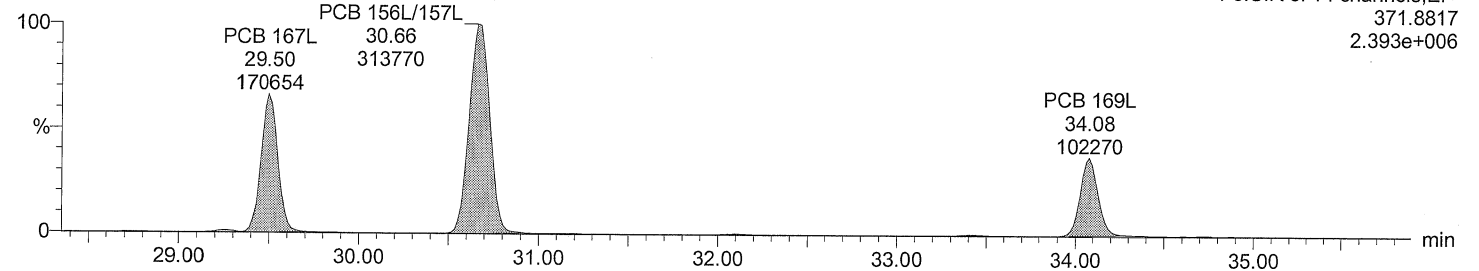
Total HxCB F6

M2160218DS003 Smooth(SG,3x1)



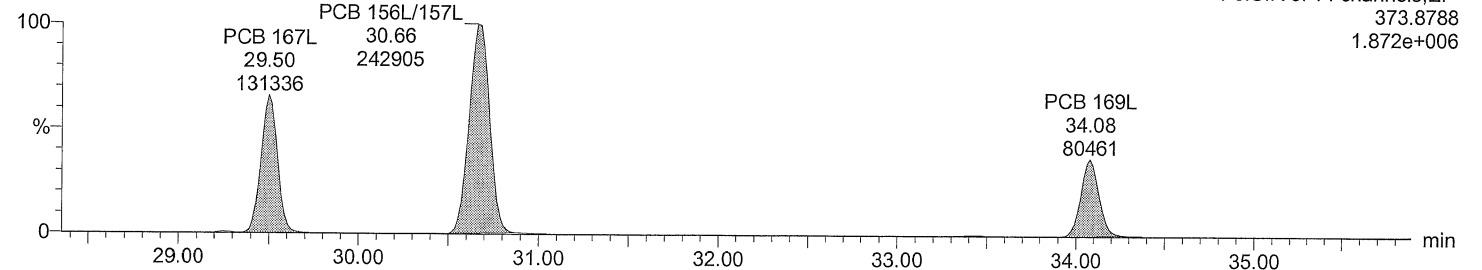
Total HxCB labeled F6

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS003 Smooth(SG,3x1)



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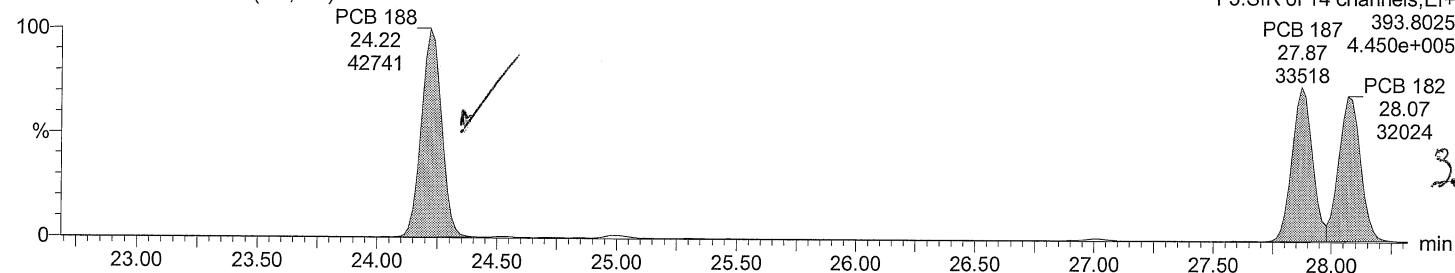
Vial: 3

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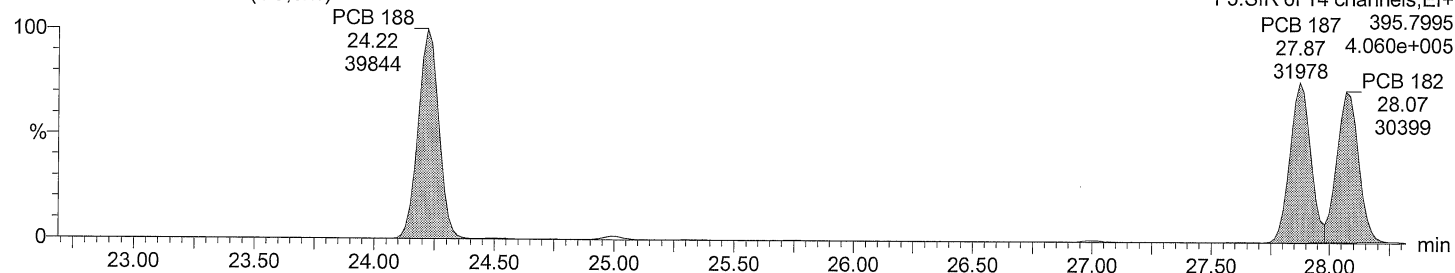
Total HpCB F5

M2160218DS003 Smooth(SG,3x1)



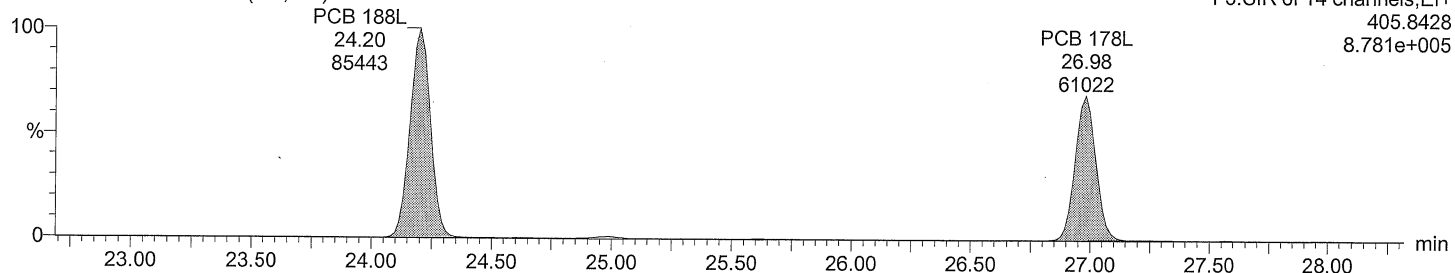
Total HpCB F5

M2160218DS003 Smooth(SG,3x1)



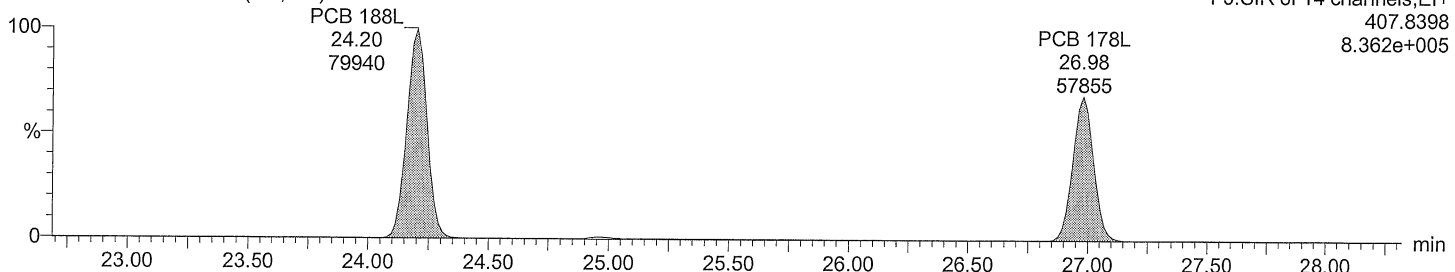
Total HpCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS003 Smooth(SG,3x1)



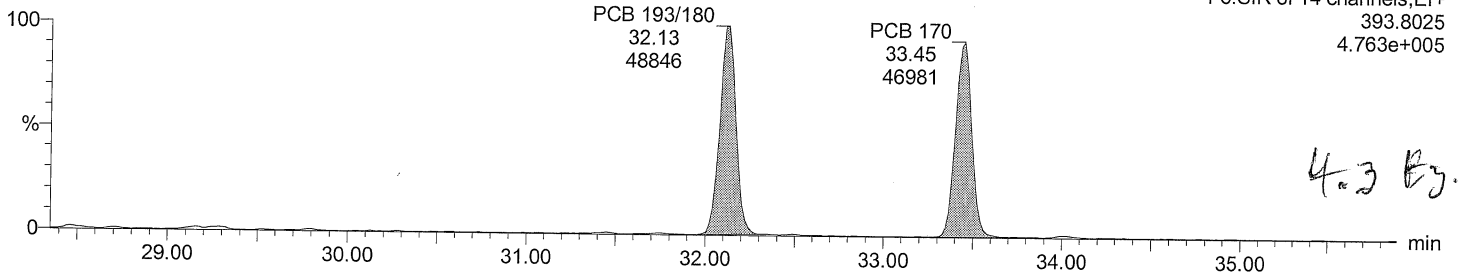
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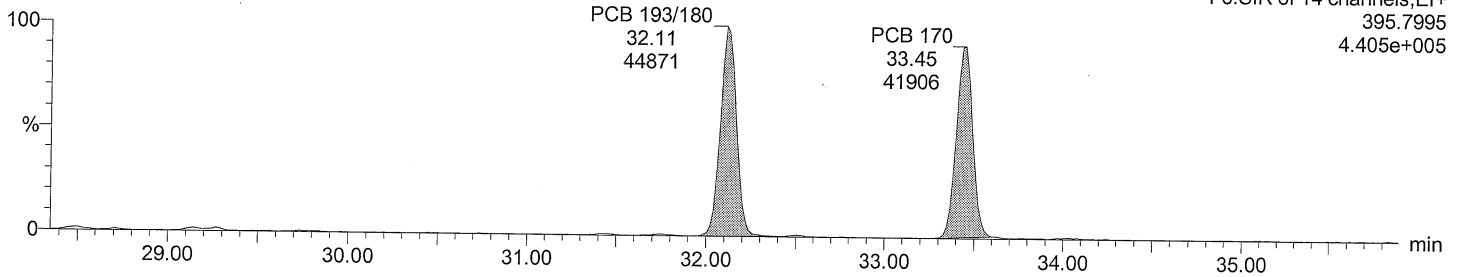
Total HpCB F6

M2160218DS003 Smooth(SG,1x1)



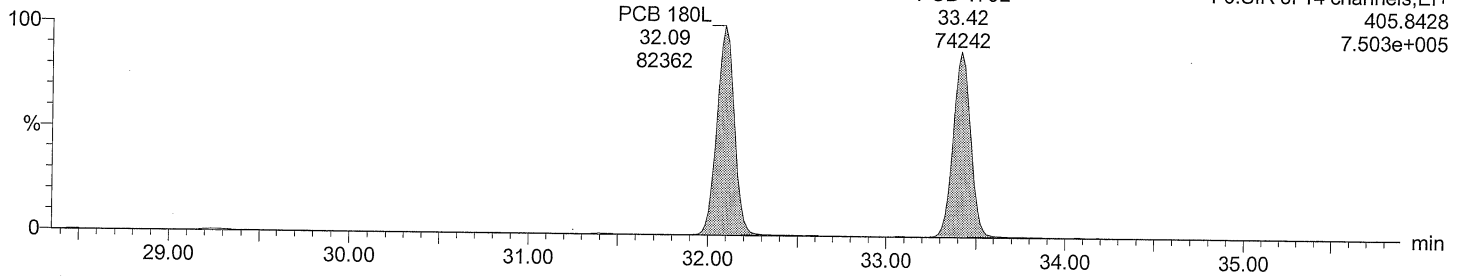
Total HpCB F6

M2160218DS003 Smooth(SG,1x1)



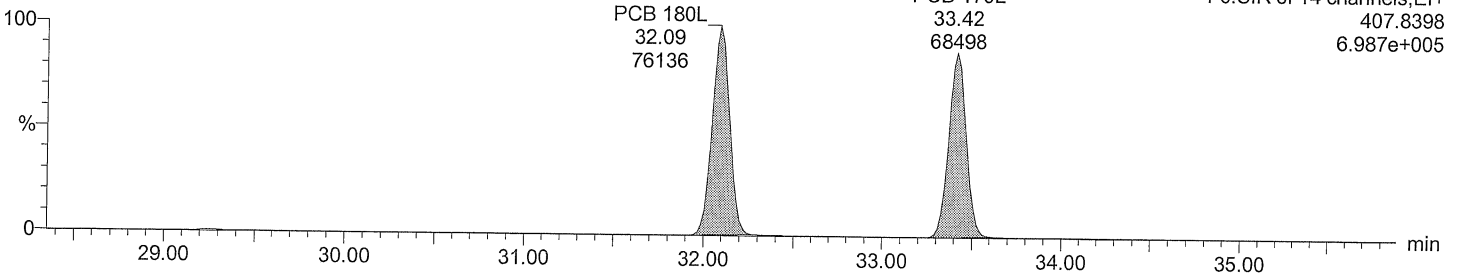
Total HpCB labeled F6

M2160218DS003 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS003 Smooth(SG,3x1)



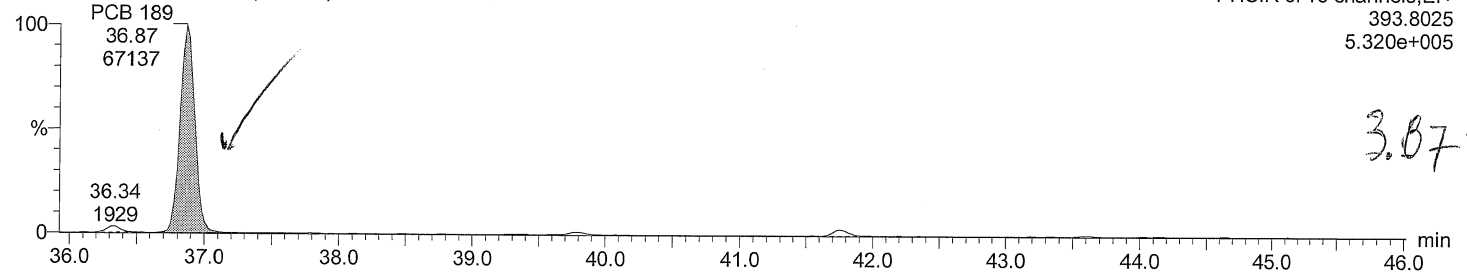
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Vial: 3
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Total HpCB F7

M2160218DS003 Smooth(SG,3x1)

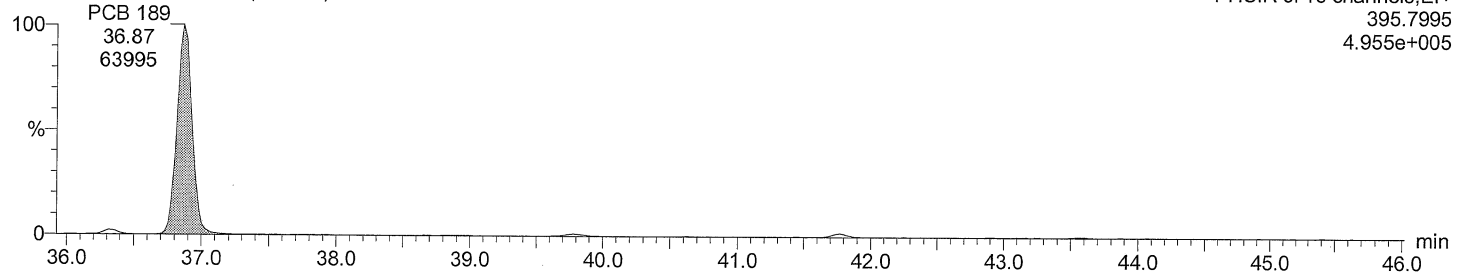
F7:SIR of 18 channels,EI+
393.8025
5.320e+005



Total HpCB F7

M2160218DS003 Smooth(SG,3x1)

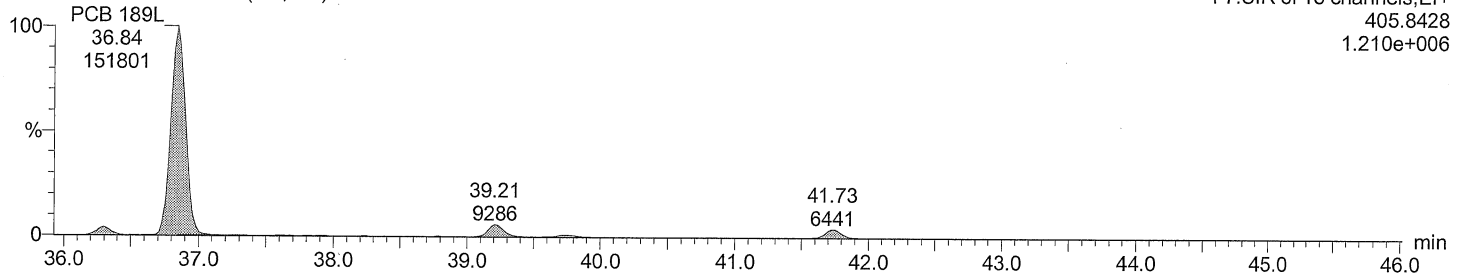
F7:SIR of 18 channels,EI+
395.7995
4.955e+005



Total HpCB labeled F7

M2160218DS003 Smooth(SG,3x1)

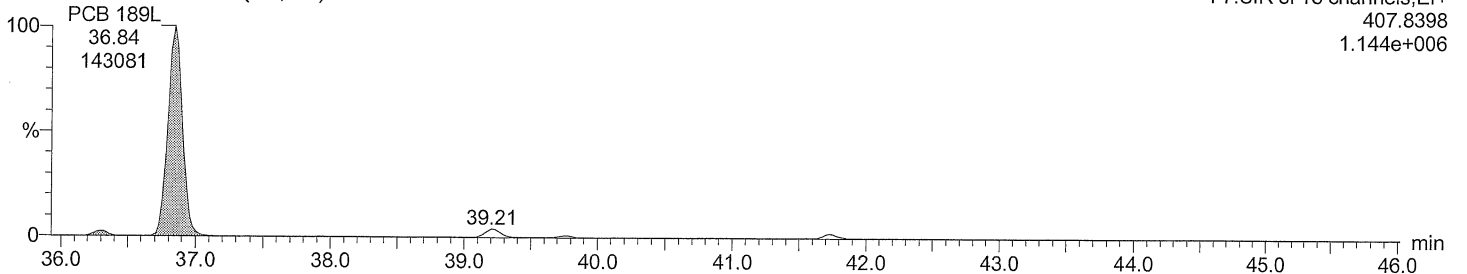
F7:SIR of 18 channels,EI+
405.8428
1.210e+006



Total HpCB labeled F7

M2160218DS003 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
407.8398
1.144e+006



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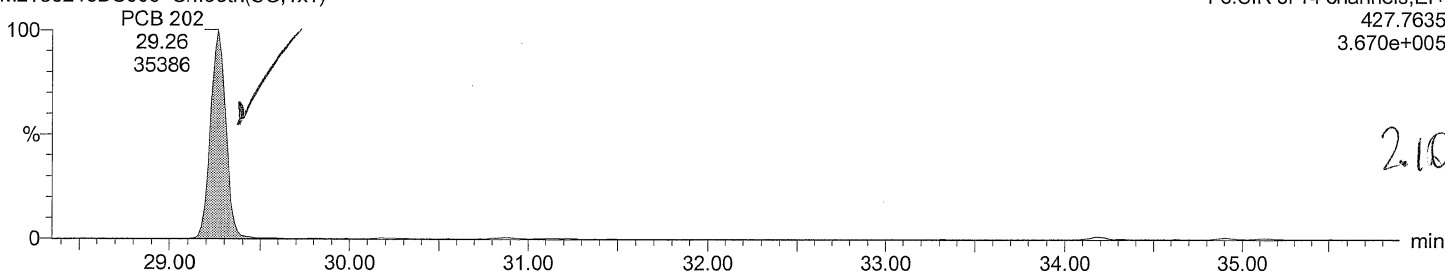
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M2160218DS003 Smooth(SG,1x1)

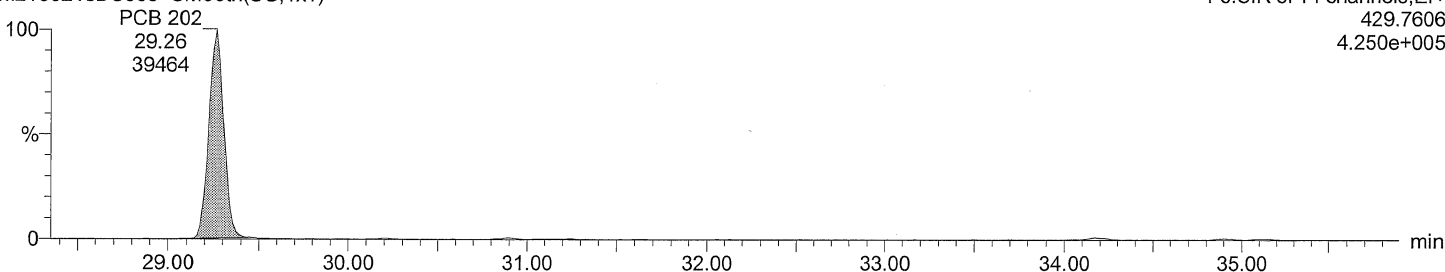
F6:SIR of 14 channels,EI+
427.7635
3.670e+005



Total OcCB F6

M2160218DS003 Smooth(SG,1x1)

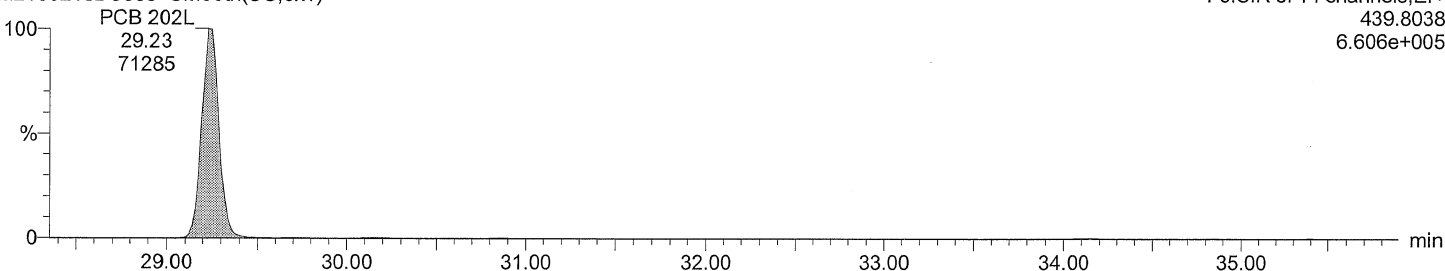
F6:SIR of 14 channels,EI+
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4.250e+005



Total OcCB labeled F6

M2160218DS003 Smooth(SG,3x1)

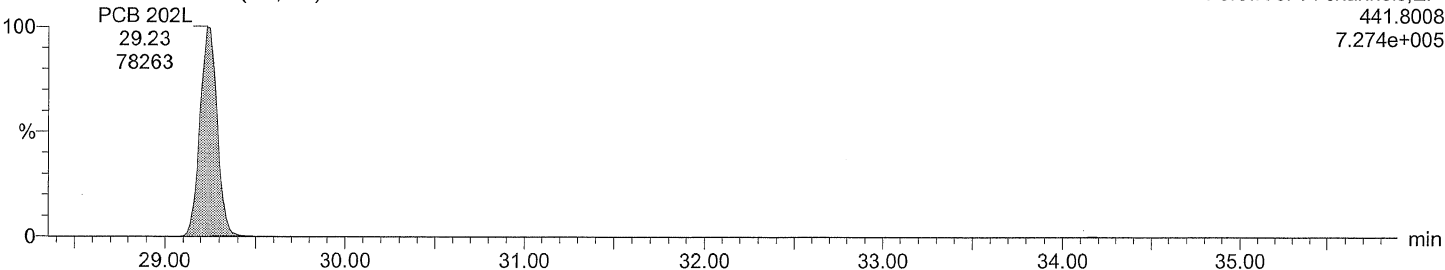
F6:SIR of 14 channels,EI+
439.8038
6.606e+005



Total OcCB labeled F6

M2160218DS003 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+
441.8008
7.274e+005



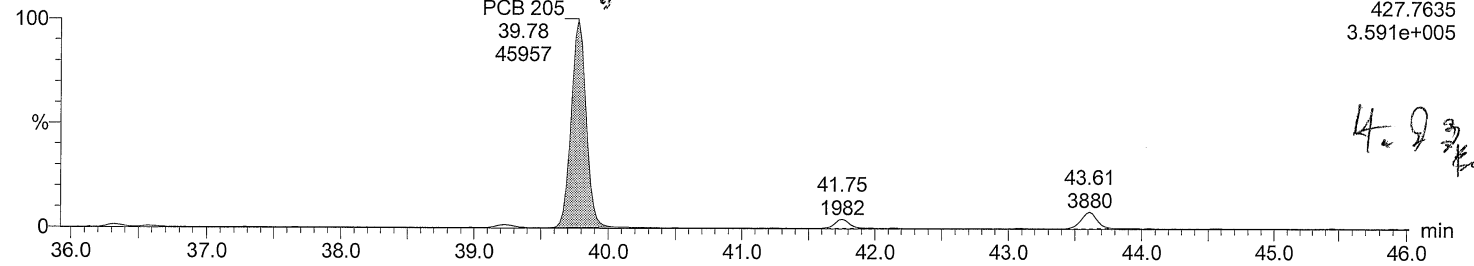
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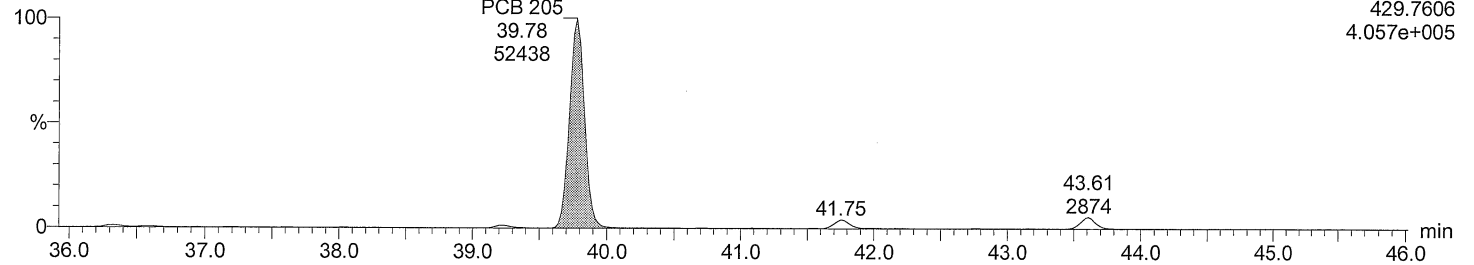
Total OcCB F7

M2160218DS003 Smooth(SG,3x1)



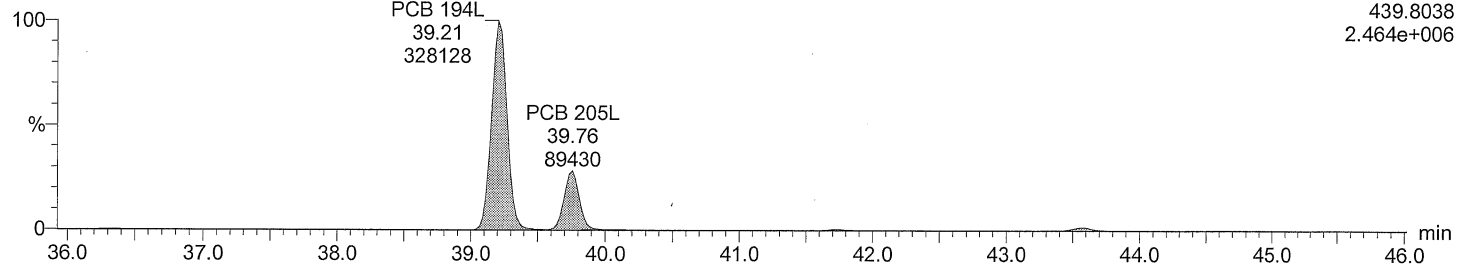
Total OcCB F7

M2160218DS003 Smooth(SG,3x1)



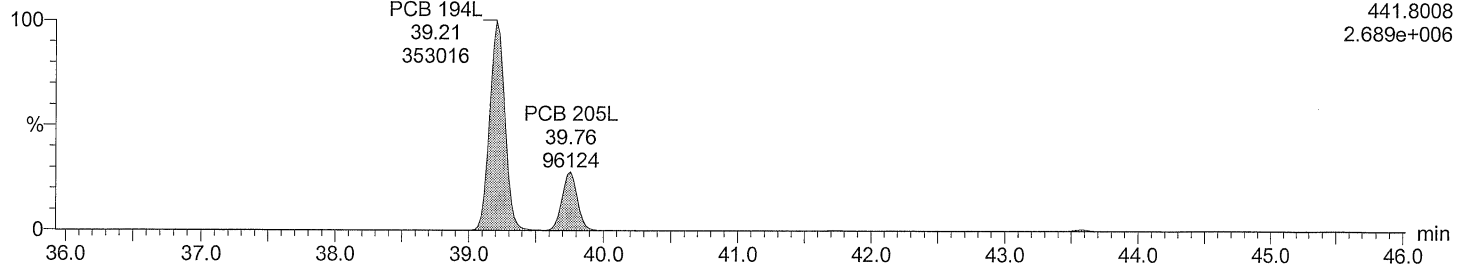
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Total OcCB labeled F7

M2160218DS003 Smooth(SG,3x1)

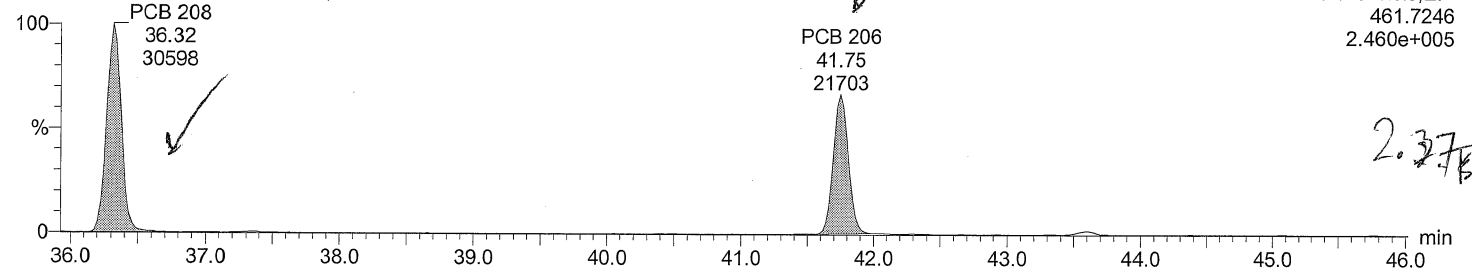


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

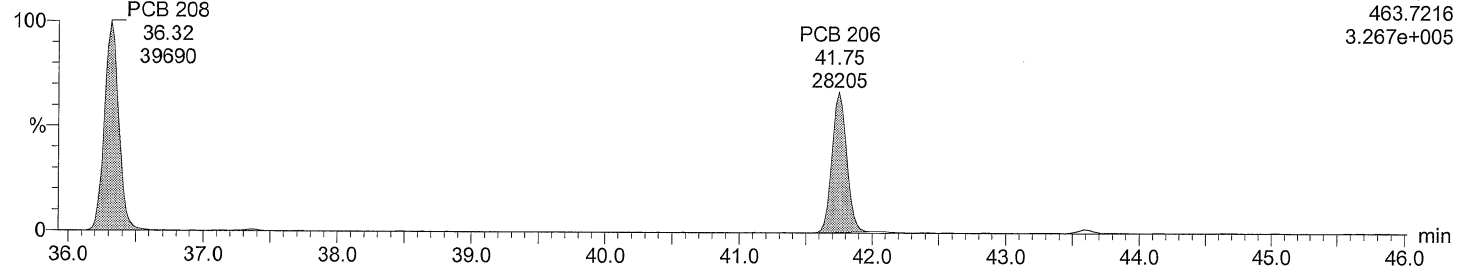
Total NoCB F7

M2160218DS003 Smooth(SG,3x1)



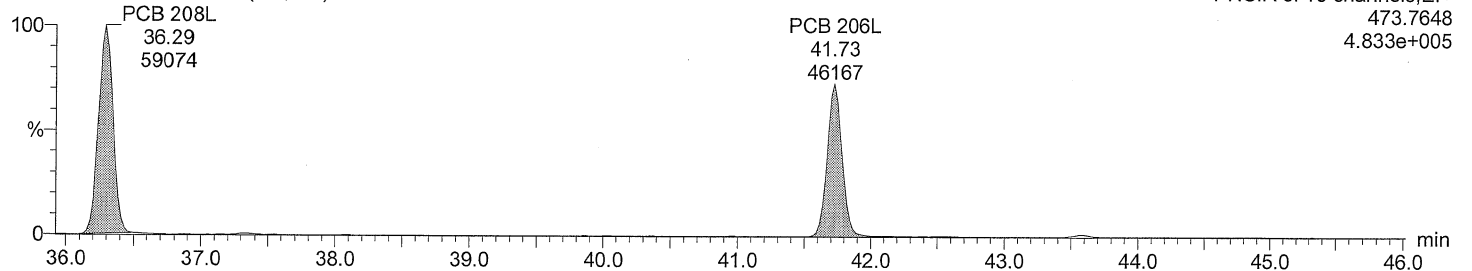
Total NoCB F7

M2160218DS003 Smooth(SG,3x1)



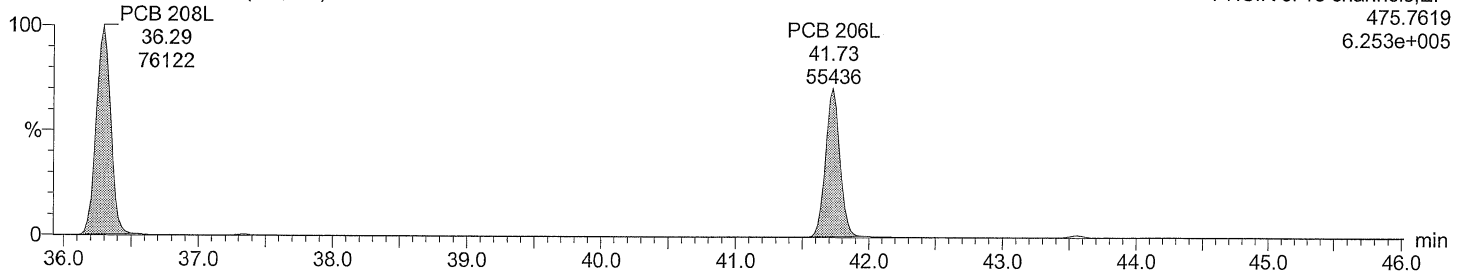
Total NoCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

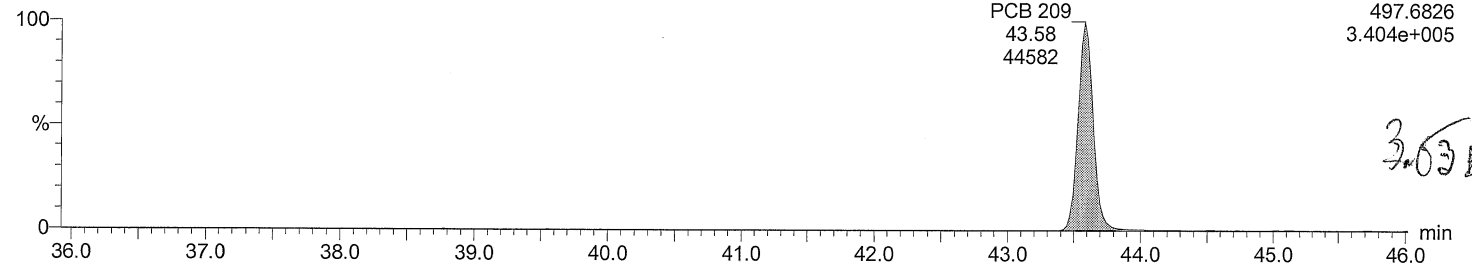
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Date: 18-FEB-2016

Time: 20:07:44

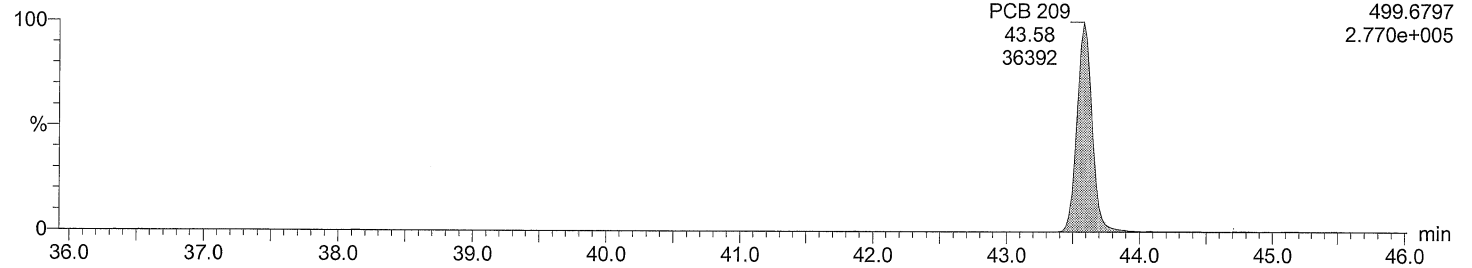
Total DeCB F7

M2160218DS003 Smooth(SG,3x1)



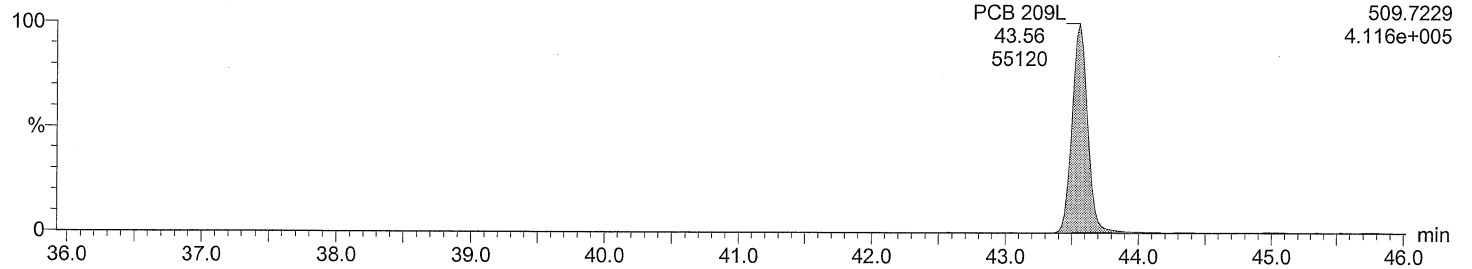
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M2160218DS003 Smooth(SG,3x1)



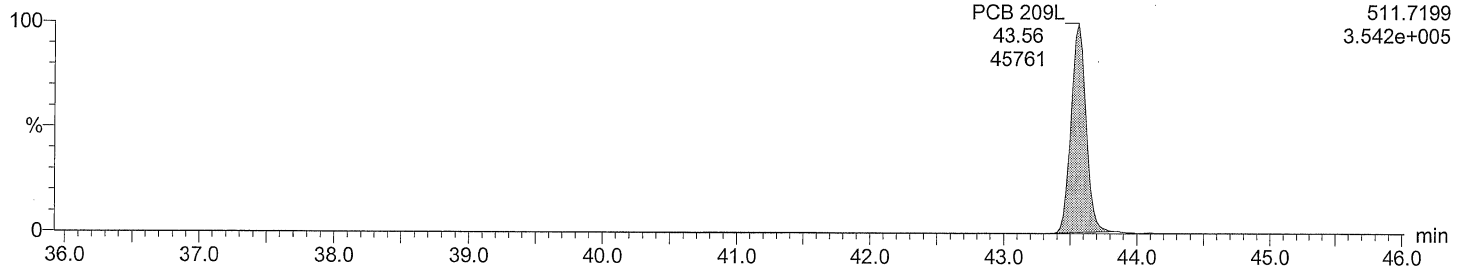
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M2160218DS003 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

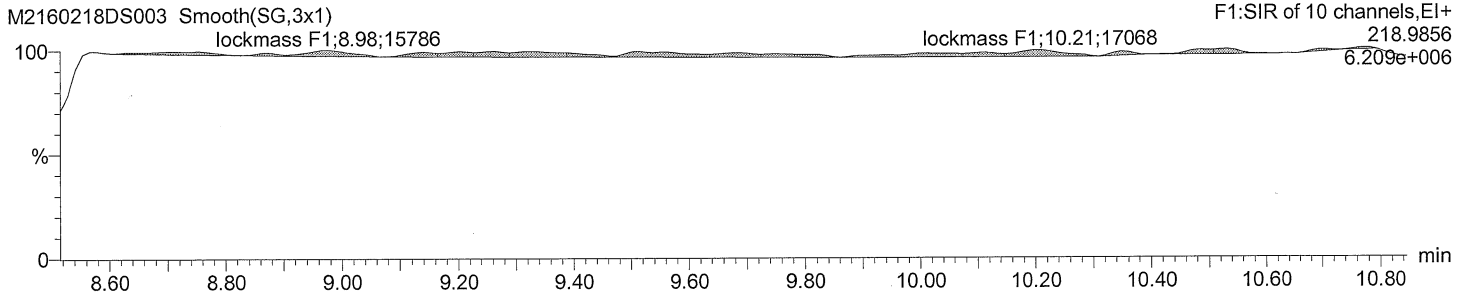
Description: SPIKE

Vial: 3

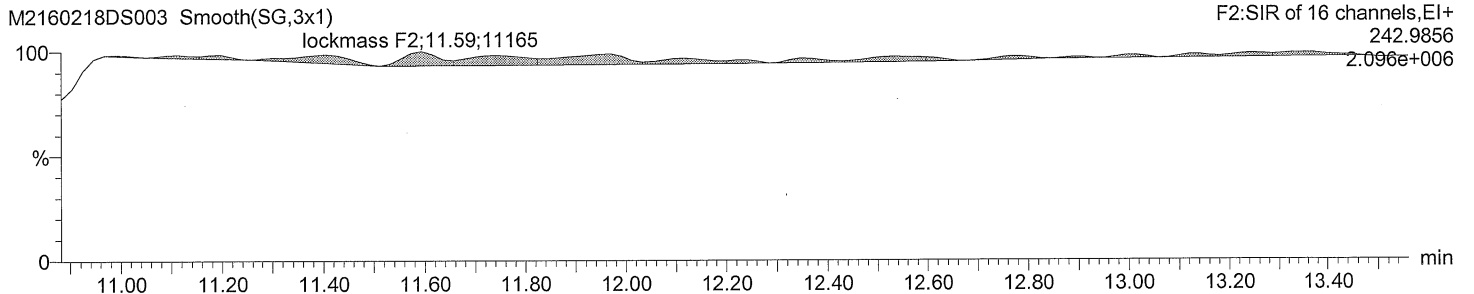
Date: 18-FEB-2016

Time: 20:07:44

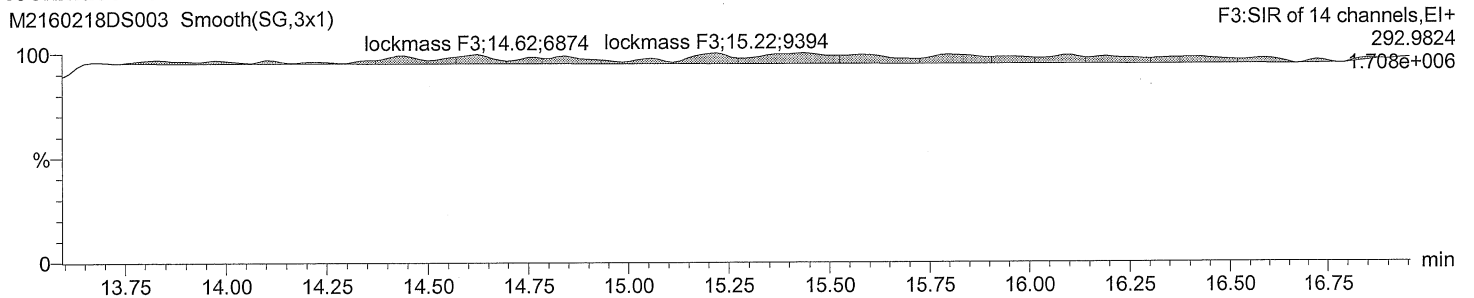
lockmass F1



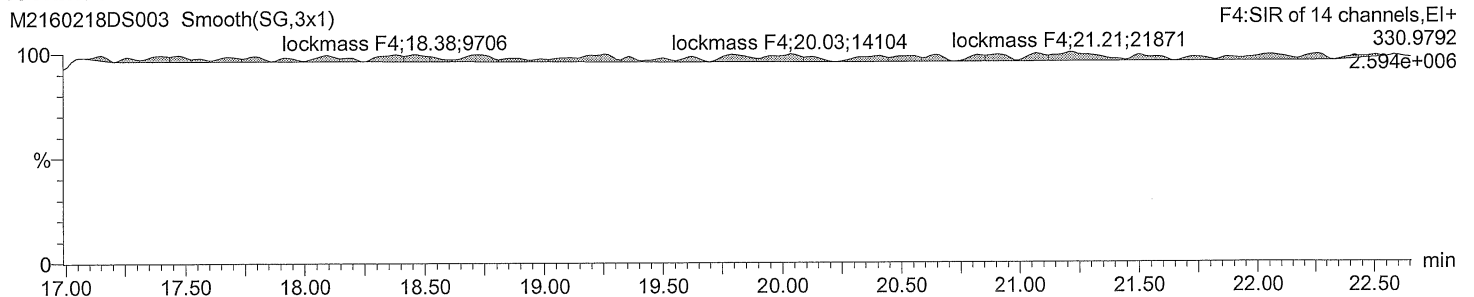
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
 Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

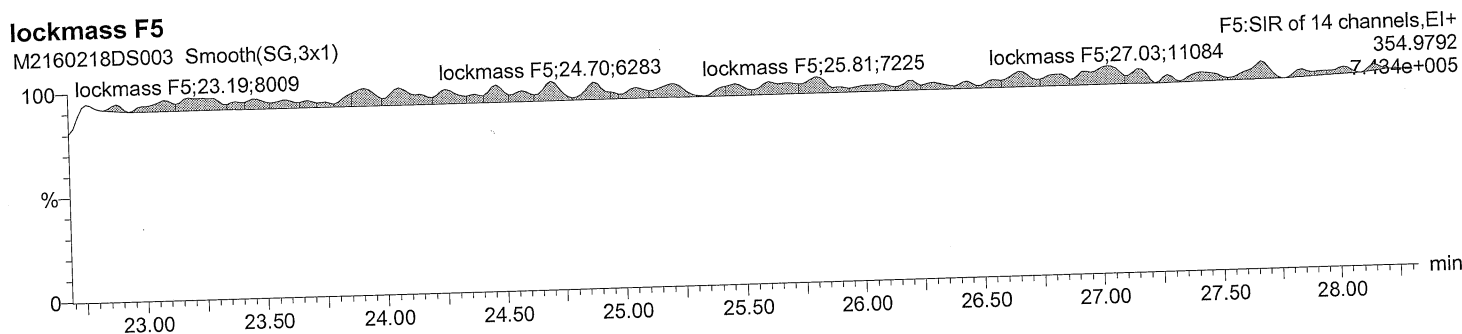
Vial: 3

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Time: 20:07:44

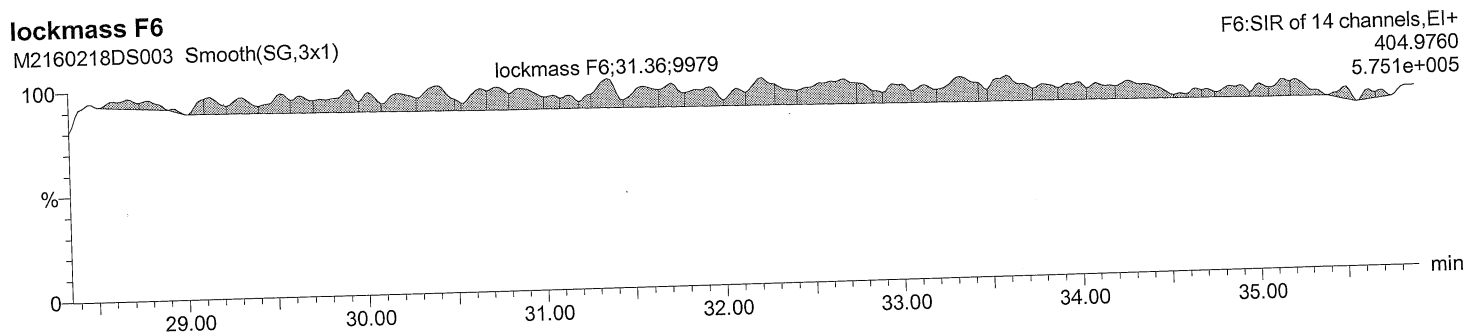
lockmass F5

M2160218DS003 Smooth(SG,3x1)



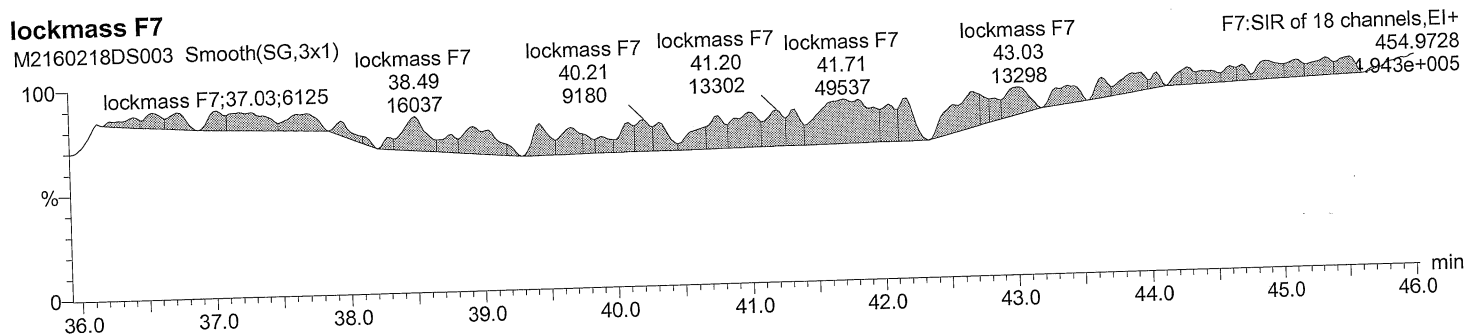
lockmass F6

M2160218DS003 Smooth(SG,3x1)



lockmass F7

M2160218DS003 Smooth(SG,3x1)



43	PCB 48	290	NotFnd	*	*	*	-0.00194	-0.00194	*	no	0.673	-	
		TCB 292	15.84	*	no	*			*				
44	PCB 44/47/65	290	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.783	-	
		TCB 292	15.98	*	no	*			*				
45	PCB 59/62/75	290	NotFnd	*	*	*	-0.00128	-0.00128	*	no	1.017	-	
		TCB 292	16.16	*	no	*			*				
46	PCB 42	290	NotFnd	*	*	*	-0.00191	-0.00191	*	no	0.682	-	
		TCB 292	16.29	*	no	*			*				
47	PCB 40/41/71	290	NotFnd	*	*	*	-0.0018	-0.0018	*	no	0.724	-	
		TCB 292	16.58	*	no	*			*				
48	PCB 64	290	NotFnd	*	*	*	-0.00141	-0.00141	*	no	0.922	-	
		TCB 292	16.71	*	no	*			*				
49	PCB 72	290	NotFnd	*	*	*	-0.0013	-0.0013	*	no	1.304	-	
		TCB 292	17.19	*	no	*			*				
50	PCB 68	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.22	-	
		TCB 292	17.40	*	no	*			*				
51	PCB 57	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.221	-	
		TCB 292	17.68	*	no	*			*				
52	PCB 58	290	NotFnd	*	*	*	-0.00164	-0.00164	*	no	1.035	-	
		TCB 292	17.83	*	no	*			*				
53	PCB 67	290	NotFnd	*	*	*	-0.00126	-0.00126	*	no	1.347	-	
		TCB 292	17.94	*	no	*			*				
54	PCB 63	290	NotFnd	*	*	*	-0.00135	-0.00135	*	no	1.253	-	
		TCB 292	18.13	*	no	*			*				
55	PCB 61/70/74/76	290	NotFnd	*	*	*	-0.00153	-0.00153	*	no	1.109	-	
		TCB 292	18.34	*	no	*			*				
56	PCB 66	290	NotFnd	*	*	*	-0.00137	-0.00137	*	no	1.241	-	
		TCB 292	18.58	*	no	*			*				
57	PCB 55	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.998	-	
		TCB 292	18.71	*	no	*			*				
58	PCB 56	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.995	-	
		TCB 292	19.05	*	no	*			*				
59	PCB 60	290	NotFnd	*	*	*	-0.00171	-0.00171	*	no	0.988	-	
		TCB 292	19.22	*	no	*			*				
60	PCB 80	290	NotFnd	*	*	*	-0.00138	-0.00138	*	no	1.224	-	
		TCB 292	19.48	*	no	*			*				
61	PCB 79	290	NotFnd	*	*	*	-0.00116	-0.00116	*	no	1.462	-	
		TCB 292	20.61	*	no	*			*				
62	PCB 78	290	NotFnd	*	*	*	-0.00132	-0.00132	*	no	1.287	-	
		TCB 292	21.06	*	no	*			*				
63	PCB 81	290	21.42	72559	0.76	168231	0.100282	PCB 81 % Rec = 102	-0.00165	180	no	1.027	-
		TCB 292	21.42	95673	yes					183			
64	PCB 77	290	21.87	72106	0.79	163808	0.096753	PCB 77 % Rec = 98	-0.00157	171	no	1.077	-
		TCB 292	21.87	91702	yes					175			
65	PCB 104	326	15.94	51677	1.61	83795	0.09937	PCB 104 % Rec = 101	-0.00045	553	no	1.094	-
		PeCB 328	15.94	32118	yes					525			
66	PCB 96	326	NotFnd	*	*	*	-0.00057	-0.00057	*	no	0.874	-	
		PeCB 328	16.16	*	no	*			*				
67	PCB 103	326	NotFnd	*	*	*	-0.00214	-0.00214	*	no	0.739	-	
		PeCB 328	17.32	*	no	*			*				
68	PCB 94	326	NotFnd	*	*	*	-0.00293	-0.00293	*	no	0.54	-	
		PeCB 328	17.47	*	no	*			*				
69	PCB 95	326	NotFnd	*	*	*	-0.00232	-0.00232	*	no	0.683	-	
		PeCB 328	17.77	*	no	*			*				
70	PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00256	-0.00256	*	no	0.619	-	
		PeCB 328	17.93	*	no	*			*				
71	PCB 88/91	326	NotFnd	*	*	*	-0.00253	-0.00253	*	no	0.625	-	
		PeCB 328	18.31	*	no	*			*				
72	PCB 84	326	NotFnd	*	*	*	-0.00297	-0.00297	*	no	0.534	-	
		PeCB 328	18.50	*	no	*			*				
73	PCB 89	326	NotFnd	*	*	*	-0.00272	-0.00272	*	no	0.582	-	
		PeCB 328	18.84	*	no	*			*				
74	PCB 121	326	NotFnd	*	*	*	-0.00208	-0.00208	*	no	0.761	-	
		PeCB 328	19.08	*	no	*			*				
75	PCB 92	326	NotFnd	*	*	*	-0.00265	-0.00265	*	no	0.598	-	
		PeCB 328	19.34	*	no	*			*				
76	PCB 113/90/101	326	NotFnd	*	*	*	-0.00223	-0.00223	*	no	0.71	-	
		PeCB 328	19.76	*	no	*			*				
77	PCB 83/99	326	NotFnd	*	*	*	-0.00254	-0.00254	*	no	0.623	-	
		PeCB 328	20.22	*	no	*			*				
78	PCB 112	326	NotFnd	*	*	*	-0.00193	-0.00193	*	no	0.819	-	
		PeCB 328	20.33	*	no	*			*				
79	PCB 109/119/86/97/125/326	326	NotFnd	*	*	*	-0.00218	-0.00218	*	no	0.726	-	
		PeCB 328	20.62	*	no	*			*				
80	PCB 117/116/85	326	NotFnd	*	*	*	-0.00199	-0.00199	*	no	0.796	-	
		PeCB 328	21.22	*	no	*			*				
81	PCB 110/115	326	NotFnd	*	*	*	-0.00211	-0.00211	*	no	0.75	-	
		PeCB 328	21.32	*	no	*			*				
82	PCB 82	326	NotFnd	*	*	*	-0.00281	-0.00281	*	no	0.564	-	
		PeCB 328	21.59	*	no	*			*				
83	PCB 111	326	NotFnd	*	*	*	-0.00196	-0.00196	*	no	0.809	-	
		PeCB 328	21.84	*	no	*			*				
84	PCB 120	326	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.951	-	
		PeCB 328	22.24	*	no	*			*				
85	PCB 108/124	326	NotFnd	*	*	*	-0.00064	-0.00064	*	no	1.122	-	
		PeCB 328	23.21	*	no	*			*				
86	PCB 107	326	NotFnd	*	*	*	-0.00063	-0.00063	*	no	1.147	-	
		PeCB 328	23.39	*	no	*			*				
87	PCB 123	326	23.50	84307	1.53	139274	0.098566	PCB 123 % Rec = 100	-0.0008	369	no	0.894	-
		PeCB 328	23.51	54967	yes					381			
88	PCB 106	326	NotFnd	*	no	*	-0.00059	-0.00059	*	no	1.218	-	
		PeCB 328	23.63	*	no	*			*				
89	PCB 118	326	23.79	99714	1.59	162441	0.105695	PCB 118 % Rec = 107	-0.00073	432	no	0.981	-
		PeCB 328	23.80	62727	yes					433			

184 PCB 188L	406	24.20	90097	1.1	172400	0.147464	0	4124	no	1.329	75
	408	24.20	82303	yes				4848			
185 PCB 180L	406	32.09	88222	1.06	171558	0.146066	0	2668	no	1.349	74
	408	32.09	83335	yes				2927			
186 PCB 170L	406	33.42	78781	1.08	151527	0.147424	0	2374	no	1.18	75
	408	33.42	72745	yes				2550			
187 PCB 189L	406	36.84	169960	1.05	331651	0.176516	0	3263	no	2.157	90
	408	36.83	161691	yes				3326			
188 PCB 202L	440	29.23	76122	0.92	159314	0.128868	0	1239	no	1.419	65
	442	29.27	83192	yes				4366			
189 PCB 205L	440	39.73	109680	0.9	231420	0.173519	0	1960	no	1.531	88
	442	39.73	121739	yes				3040			
190 PCB 208L	474	36.29	67396	0.79	153257	0.154435	0	2906	no	1.139	78
	476	36.28	85861	yes				3275			
191 PCB 206L	474	41.70	50718	0.82	112694	0.170354	0	2123	yes	0.76	86
	476	41.73	61976	yes				2294			
192 PCB 209L	510	43.54	59886	1.18	110623	0.175358	0	2867	no	0.724	89
	512	43.53	50737	yes				2564			
193 PCB 28L	268	14.40	218785	1.02	433179	0.216786	0.001	765	no	2.039	110
PCB Cleanup Standard	270	14.43	214394	yes				1050			
194 PCB 111L	338	21.83	142741	1.65	229196	0.193014	0	2700	no	1.343	98
PCB Cleanup Standard	340	21.84	86455	yes				3741			
195 PCB 178L	406	26.98	62179	1.05	121164	0.18798	0	2755	no	0.733	95
PCB Cleanup Standard	408	26.97	58985	yes				3298			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.26	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0		no	1.225	
PCB Audit Standard	374	25.40	*	no							
199 PCB 9L	234	11.17	1277432	1.61	2071206	10.47559	-	14544	no	-	-
PCB Recovery Standard	236	11.19	793774	yes				15490			
200 PCB 52L	302	15.36	426502	0.79	965508	7.547621	-	6608	no	-	-
PCB Recovery Standard	304	15.36	539007	yes				15037			
201 PCB 101L	338	19.76	536293	1.6	871224	7.826917	-	10730	no	-	-
PCB Recovery Standard	340	19.76	334931	yes				15254			
202 PCB 138L	372	26.57	490588	1.3	866568	7.942725	-	17221	no	-	-
PCB Recovery Standard	374	26.56	375980	yes				12028			
203 PCB 194L	440	39.18	416339	0.94	858204	7.832604	-	7345	no	-	-
PCB Recovery Standard	442	39.17	441866	yes				11222			
Chlorobiphenyls					0.205094		2	-0.00081			
Dichlorobiphenyls					0.214317		2	-0.00457			
Trichlorobiphenyls					0.426314		4	-0.00298			
Tetrachlorobiphenyls					0.300565		3	-0.00253			
Pentachlorobiphenyls					0.598986		6	-0.00297			
Hexachlorobiphenyls					0.498758		4	-0.00164			
Heptachlorobiphenyls					0.558578		6	-0.00266			
Octachlorobiphenyls					0.195136		2	-0.00354			
Nonachlorobiphenyls					0.194742		2	-0.00287			
Decachlorobiphenyl					0.150934		1	-0.00241			
PCB (total)					3.343424						

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668_M2160218D.mdb 19 Feb 2016 12:12:31

Calibration: C:\MassLynx\Default.pro\Curvedb\M2160218D_209.cdb 19 Feb 2016 11:38:57

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

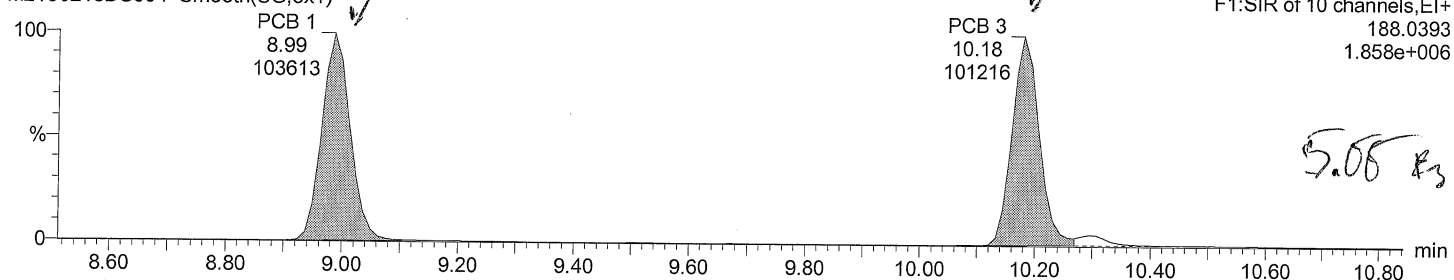
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

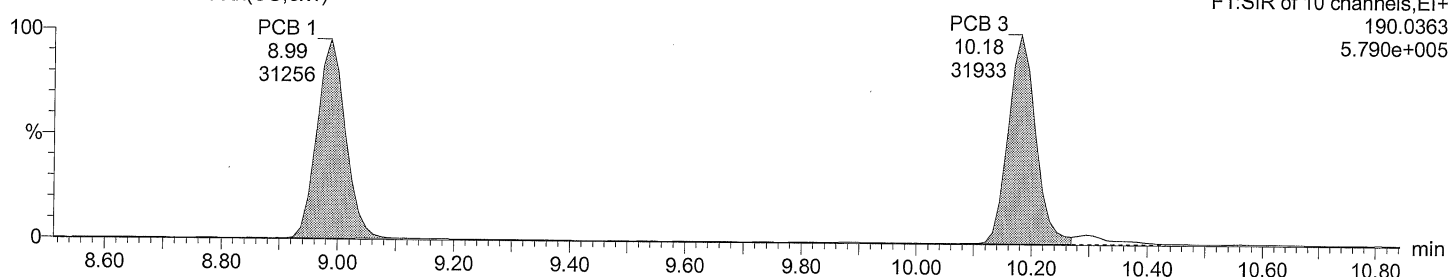
Total MoCB F1

M2160218DS004 Smooth(SG,3x1)



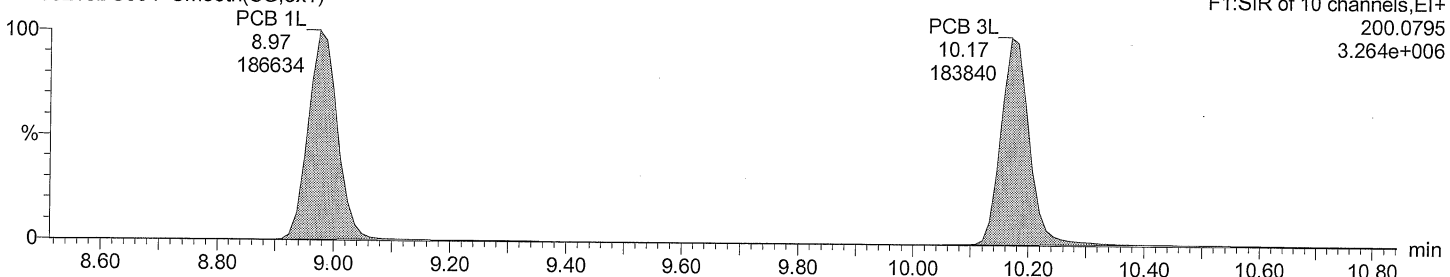
Total MoCB F1

M2160218DS004 Smooth(SG,3x1)



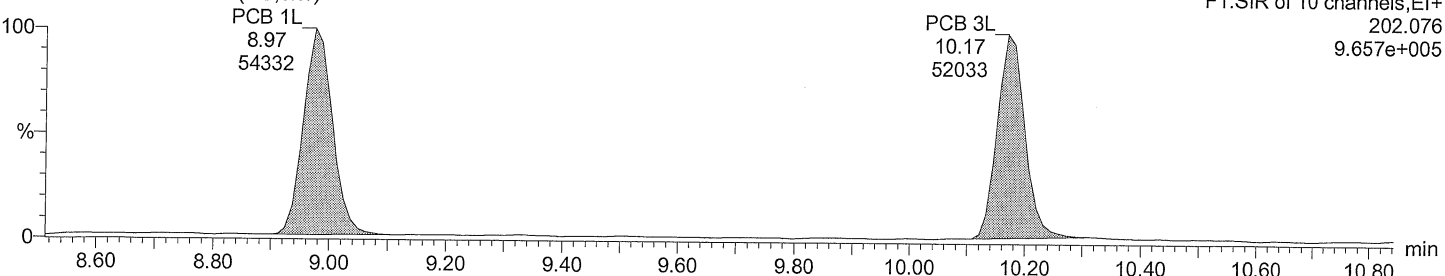
Total MoCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

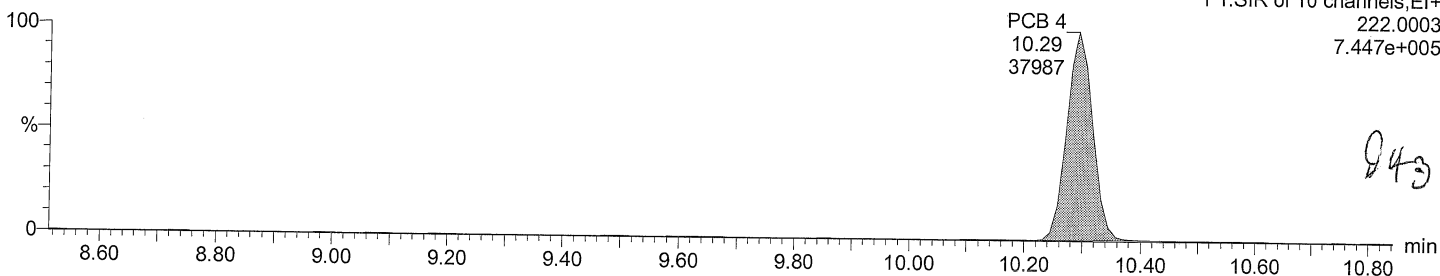
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

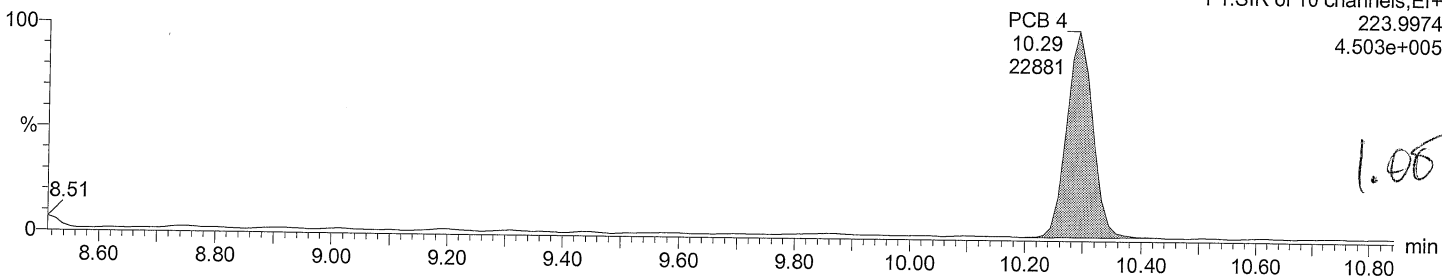
Total DiCB F1

M2160218DS004 Smooth(SG,3x1)



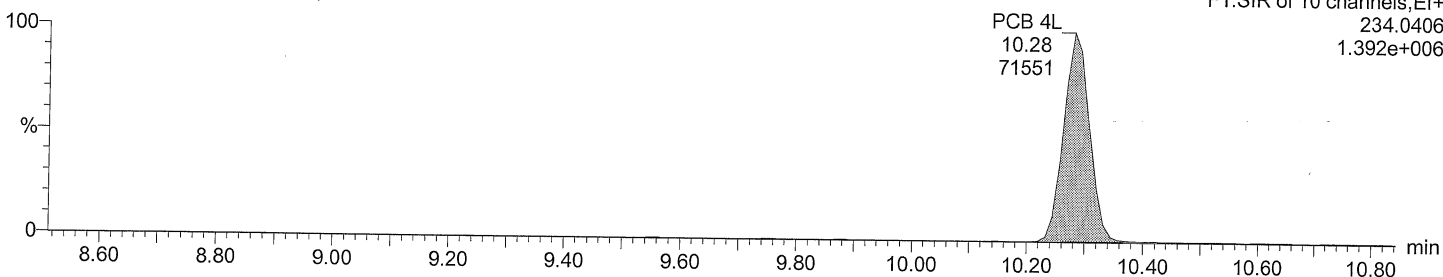
Total DiCB F1

M2160218DS004 Smooth(SG,3x1)



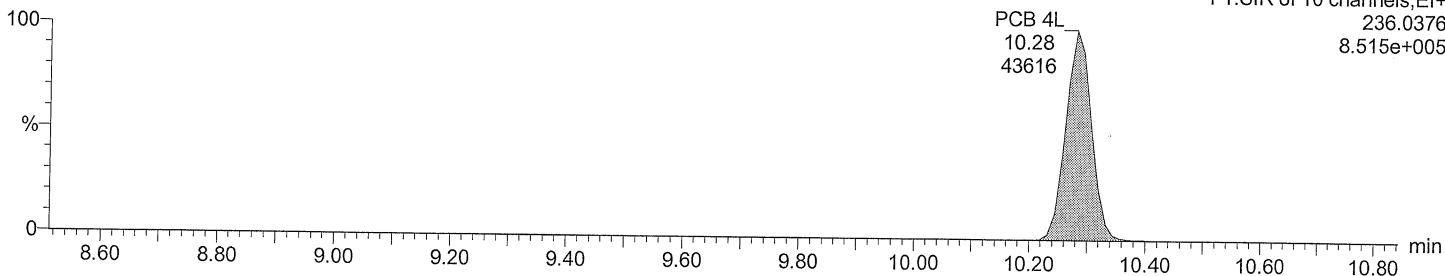
Total DiCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

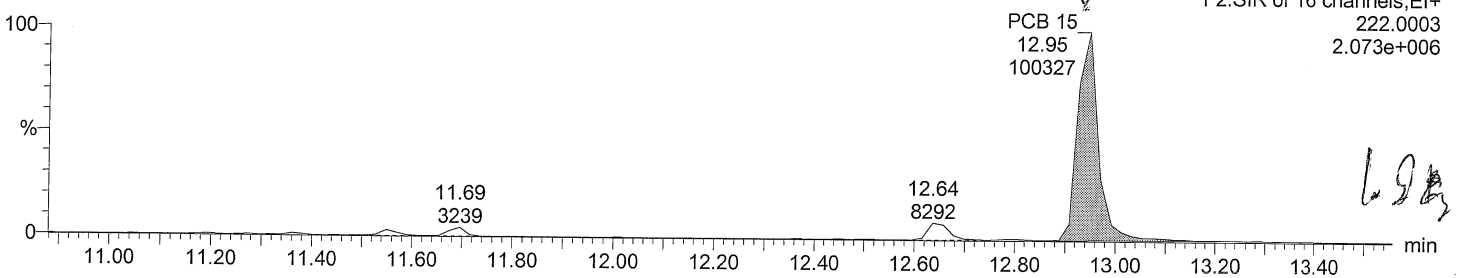
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

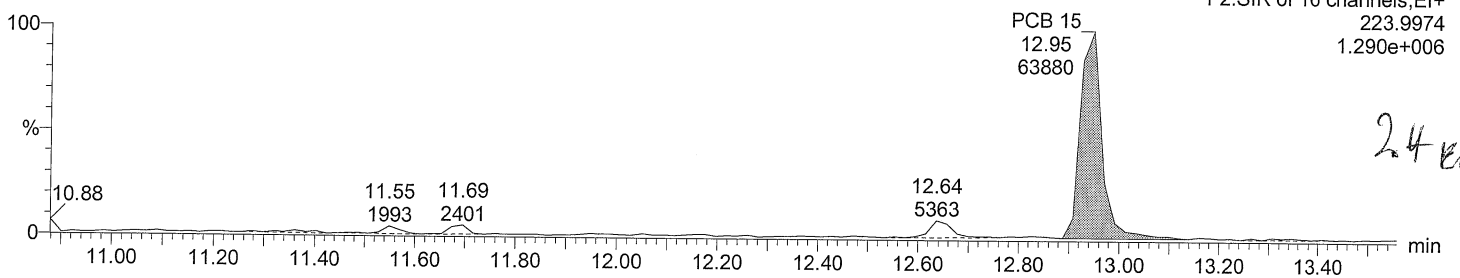
Total DiCB F2

M2160218DS004



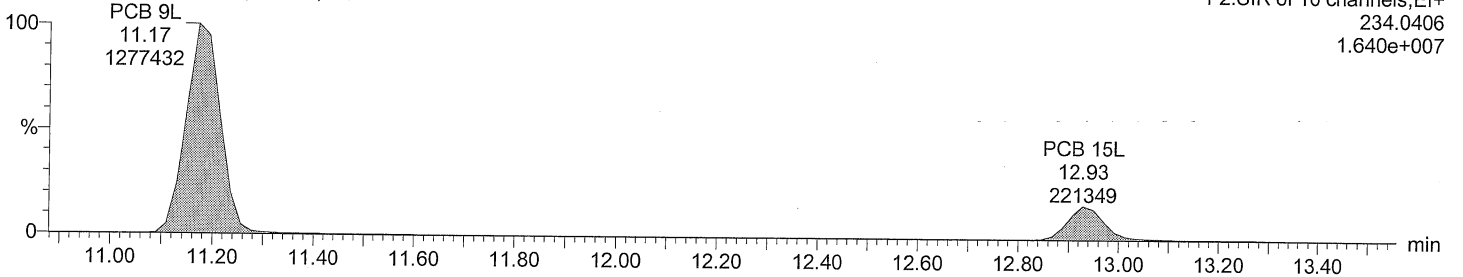
Total DiCB F2

M2160218DS004



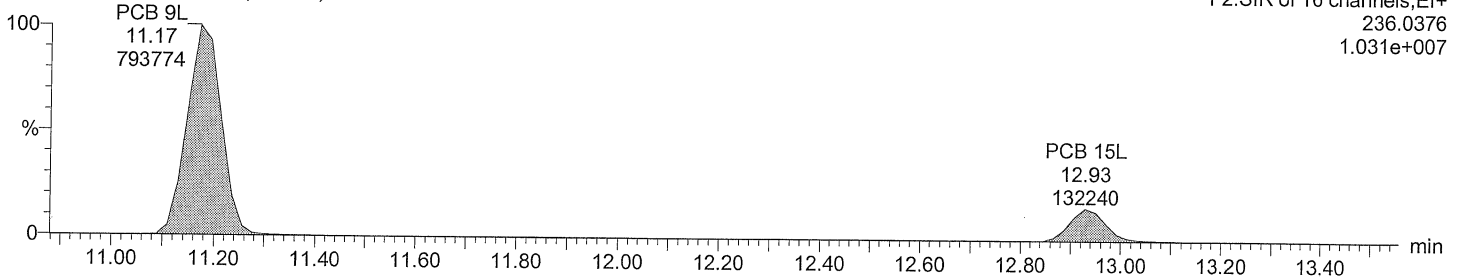
Total DiCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

Vial: 4

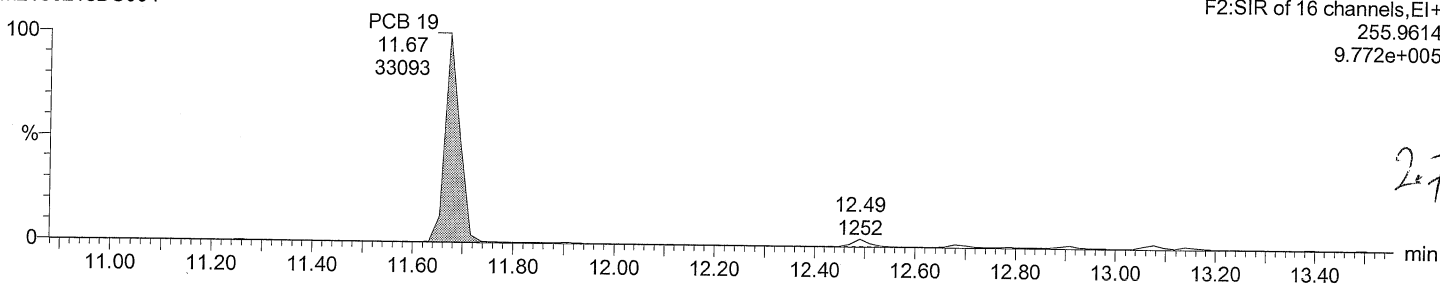
Date: 18-FEB-2016

Time: 20:57:58

Total TriCB F2

M2160218DS004

F2:SIR of 16 channels,EI+
255.9614
9.772e+005

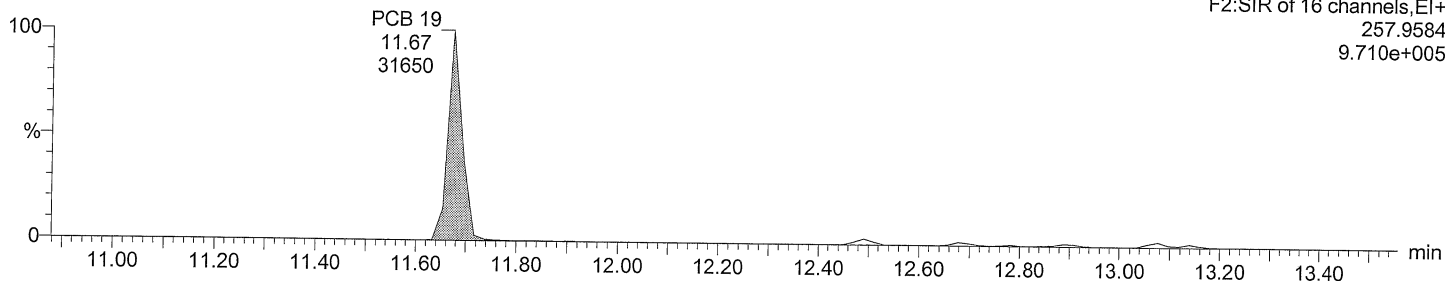


273

Total TriCB F2

M2160218DS004

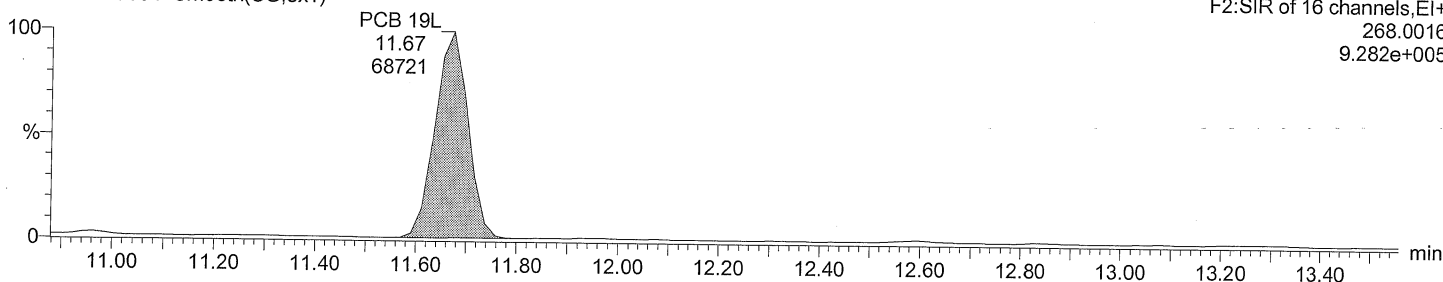
F2:SIR of 16 channels,EI+
257.9584
9.710e+005



Total TriCB labeled F2

M2160218DS004 Smooth(SG,3x1)

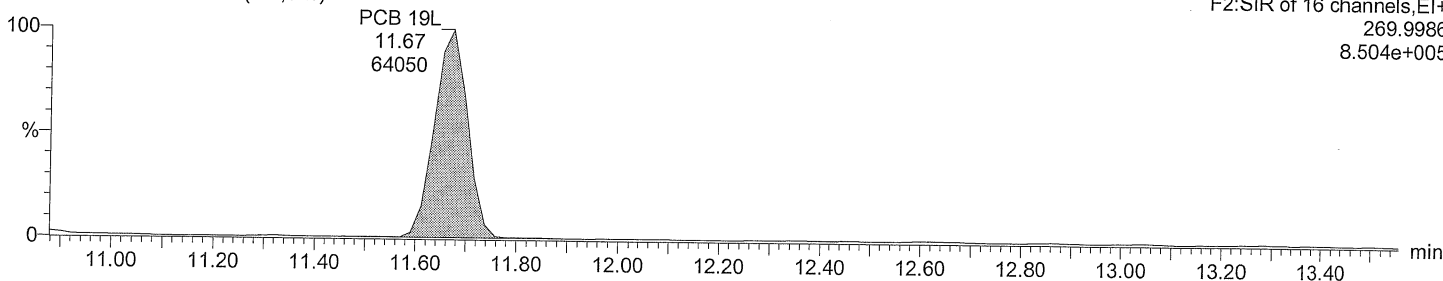
F2:SIR of 16 channels,EI+
268.0016
9.282e+005



Total TriCB labeled F2

M2160218DS004 Smooth(SG,3x1)

F2:SIR of 16 channels,EI+
269.9986
8.504e+005



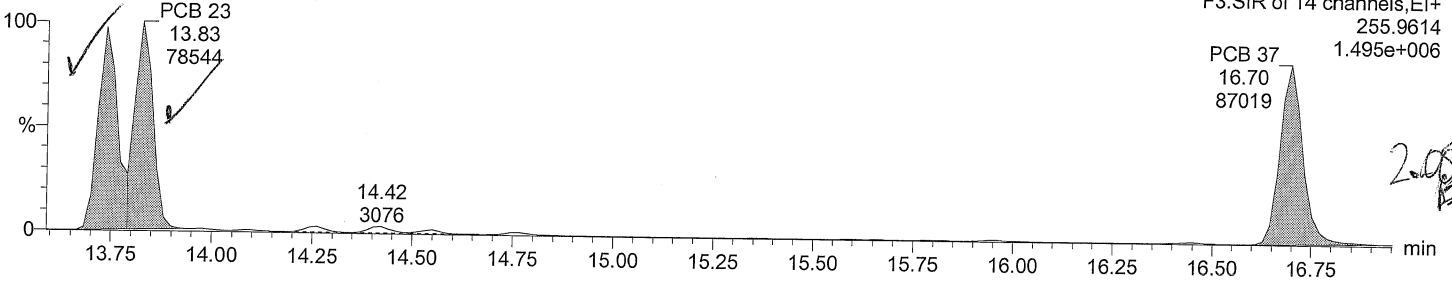
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

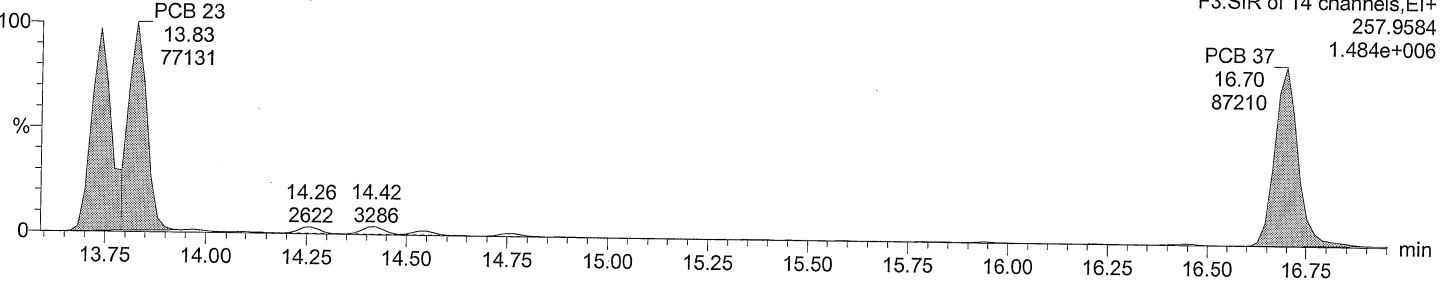
Total TriCB F3

M2160218DS004 Smooth(SG,1x1)



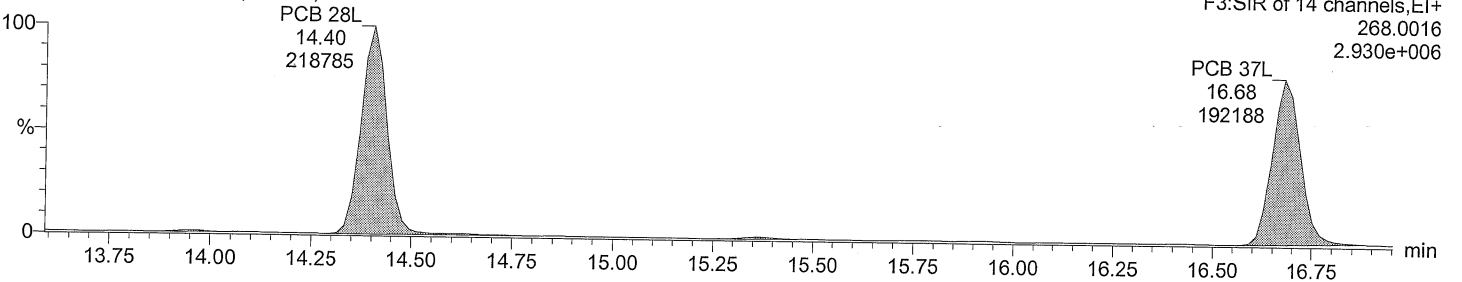
Total TriCB F3

M2160218DS004 Smooth(SG,1x1)



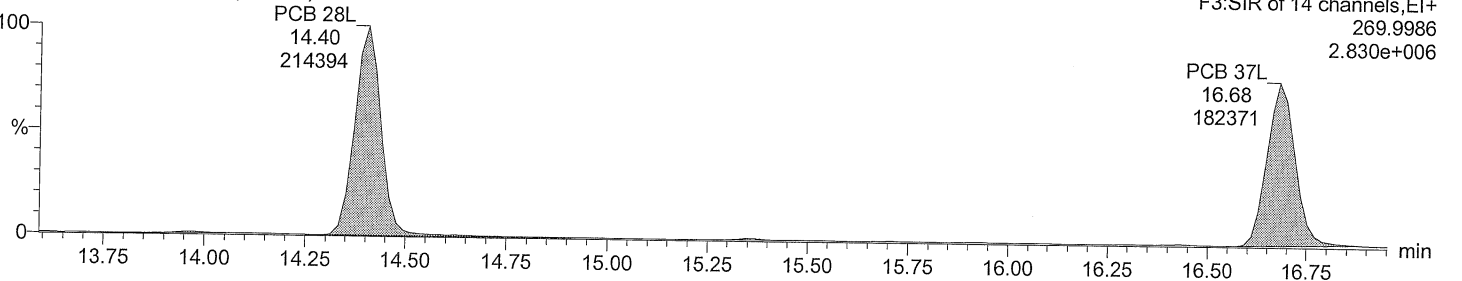
Total TriCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Acquired Date

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Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

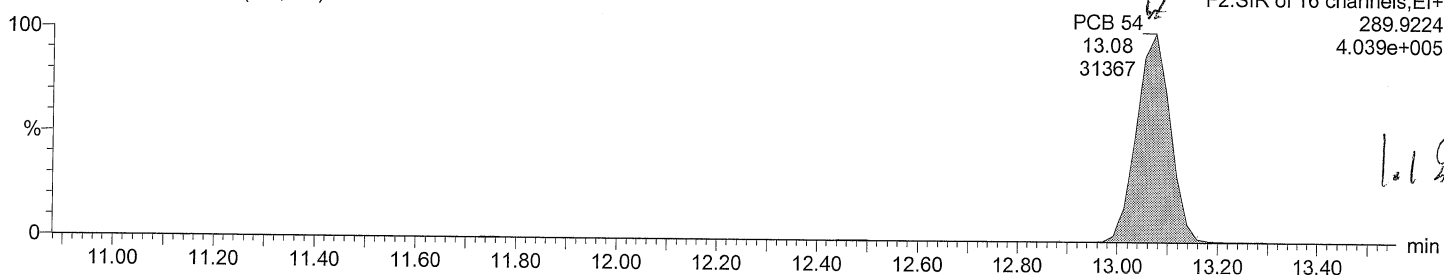
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

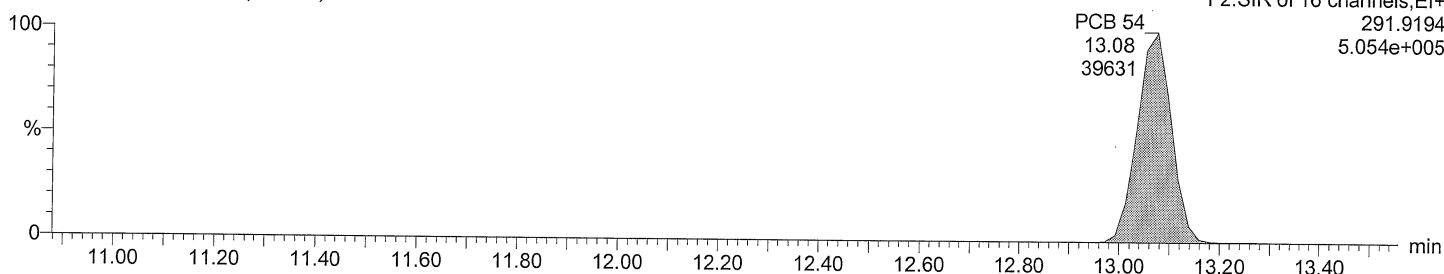
Total TeCB F2

M2160218DS004 Smooth(SG,3x1)



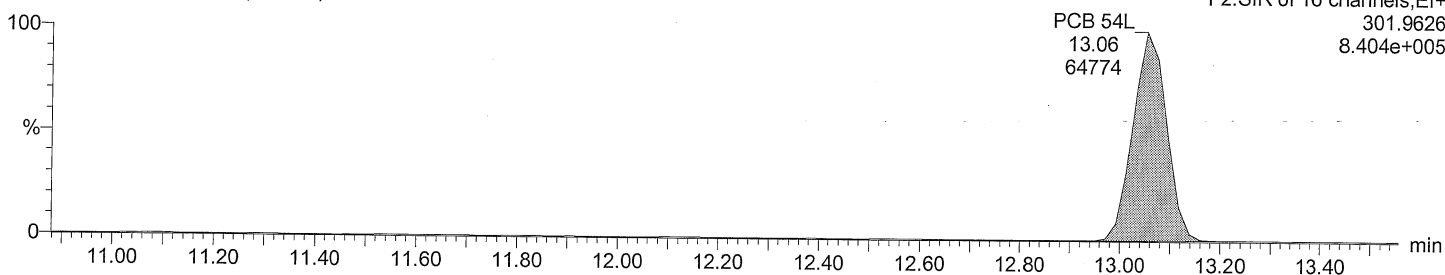
Total TeCB F2

M2160218DS004 Smooth(SG,3x1)



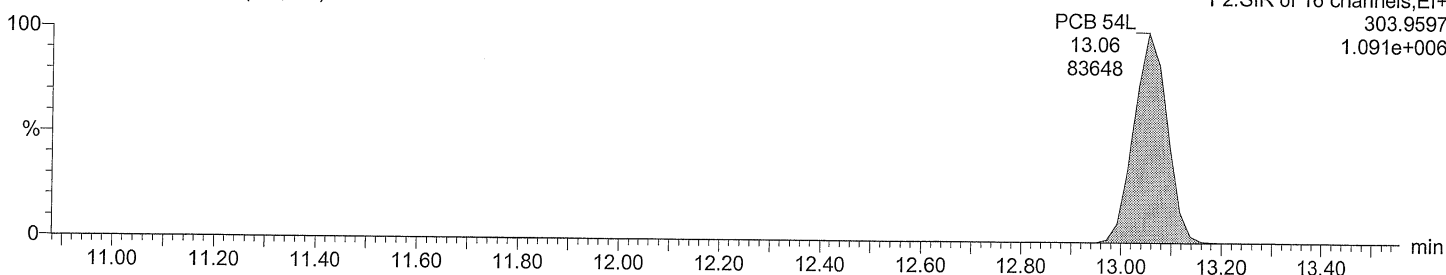
Total TeCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS004 Smooth(SG,3x1)



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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

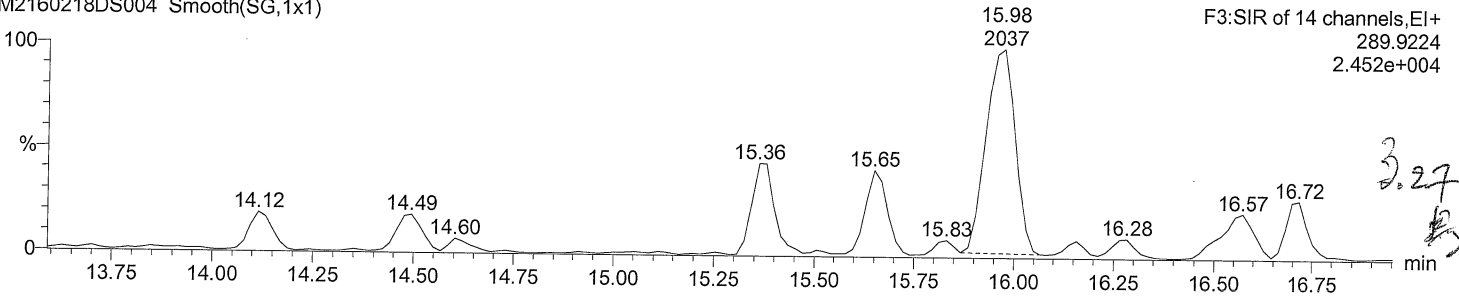
Vial: 4

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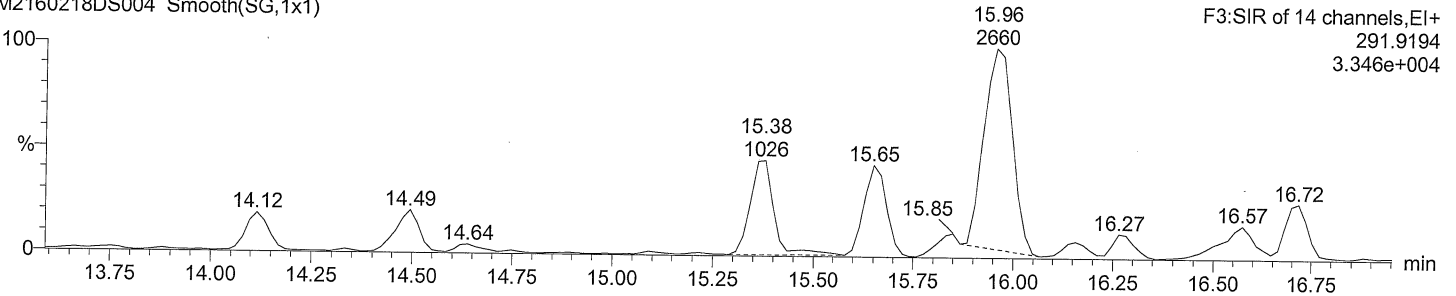
Total TeCB F3

M2160218DS004 Smooth(SG,1x1)



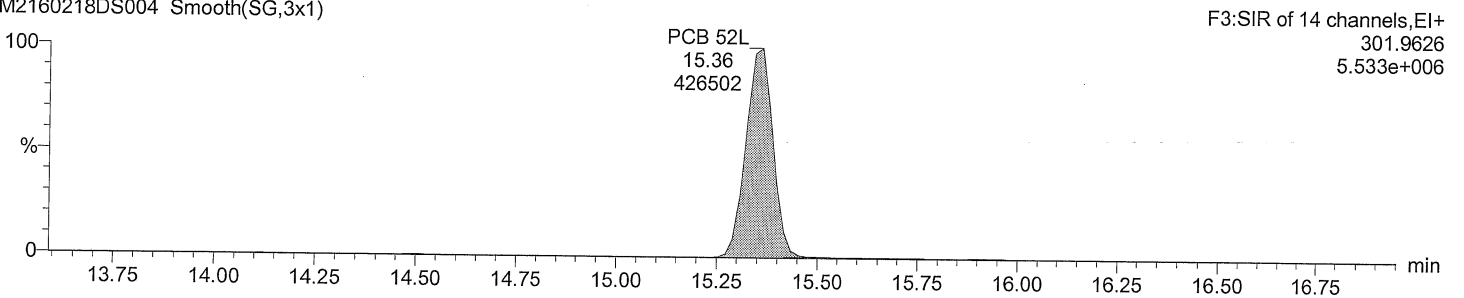
Total TeCB F3

M2160218DS004 Smooth(SG,1x1)



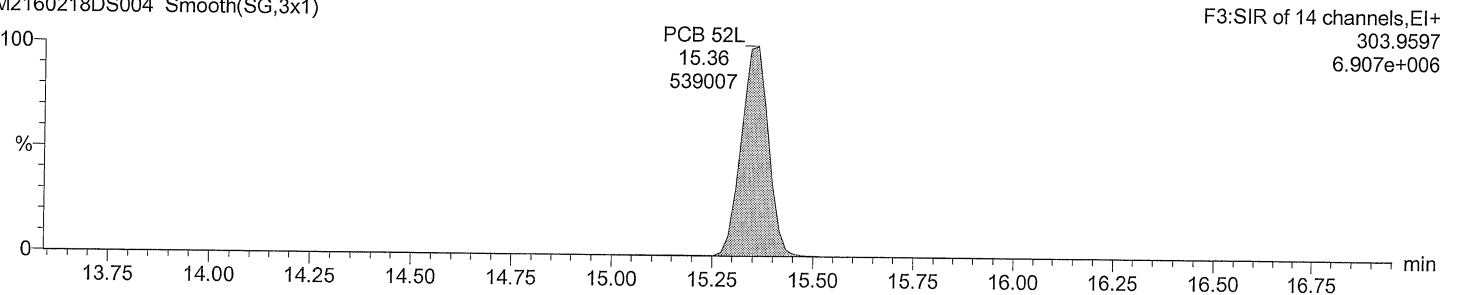
Total TeCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

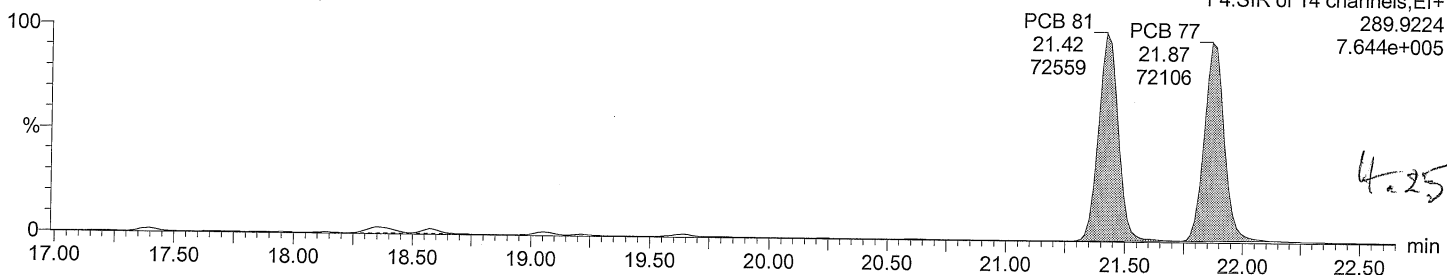
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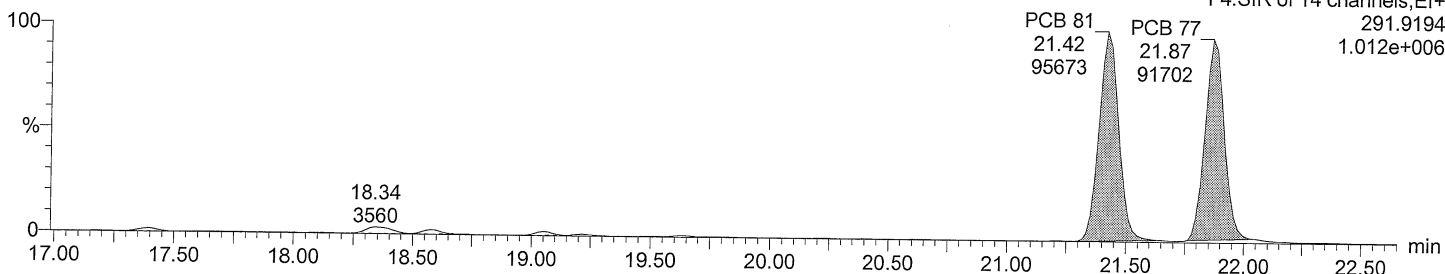
Total TeCB F4

M2160218DS004 Smooth(SG,3x1)



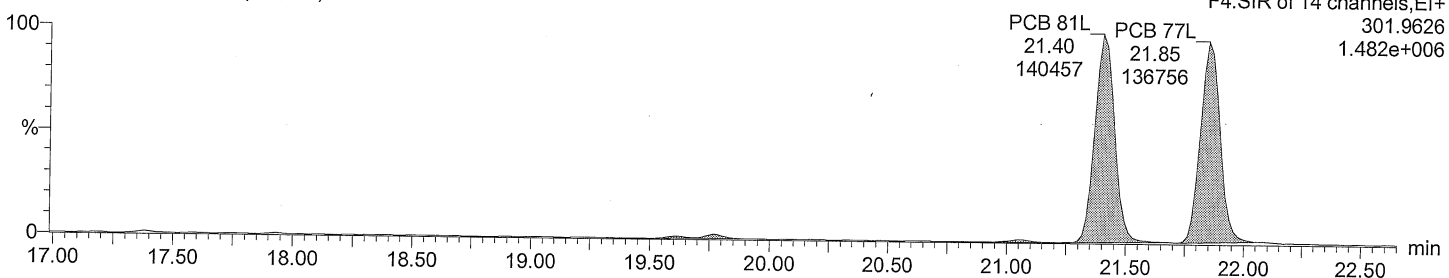
Total TeCB F4

M2160218DS004 Smooth(SG,3x1)



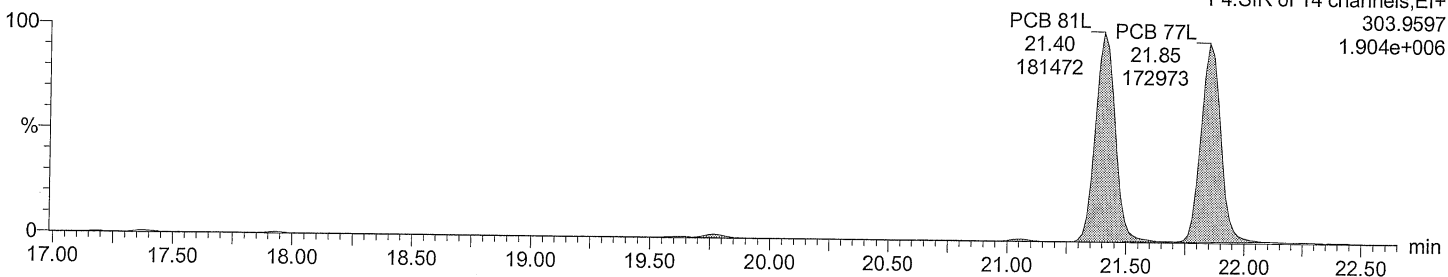
Total TeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



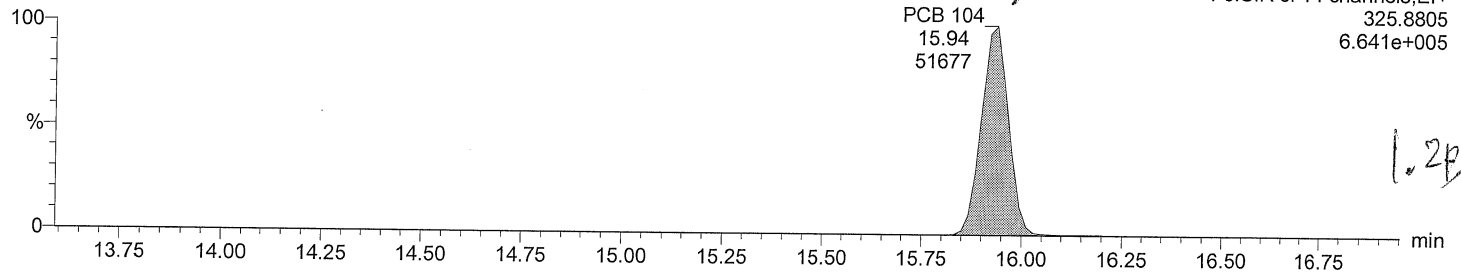
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Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

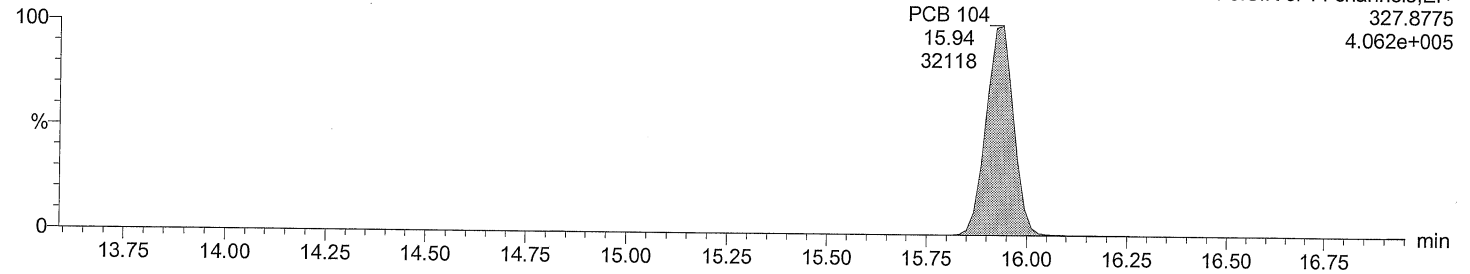
Total PeCB F3

M2160218DS004 Smooth(SG,3x1)



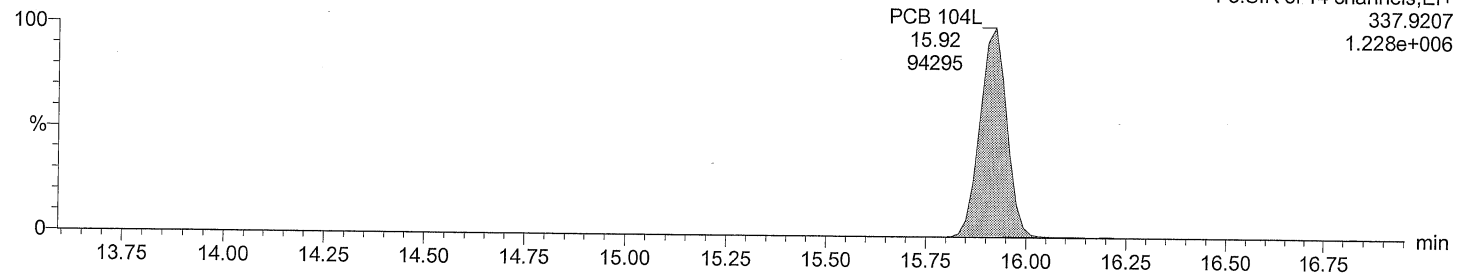
Total PeCB F3

M2160218DS004 Smooth(SG,3x1)



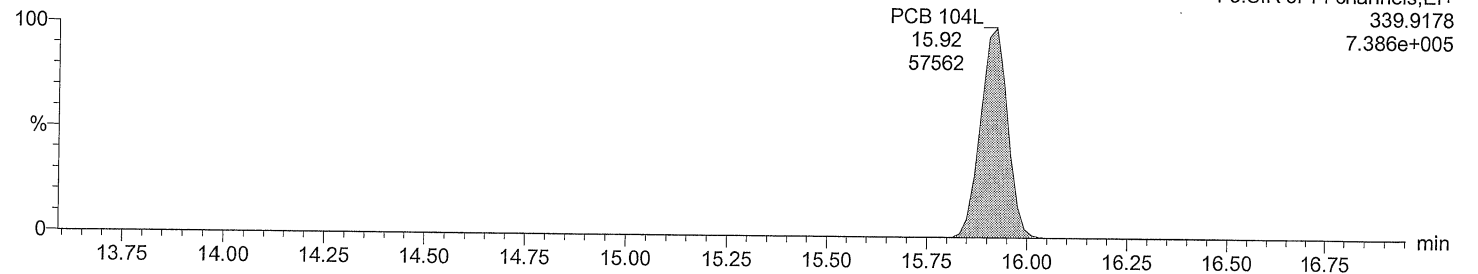
Total PeCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS004 Smooth(SG,3x1)

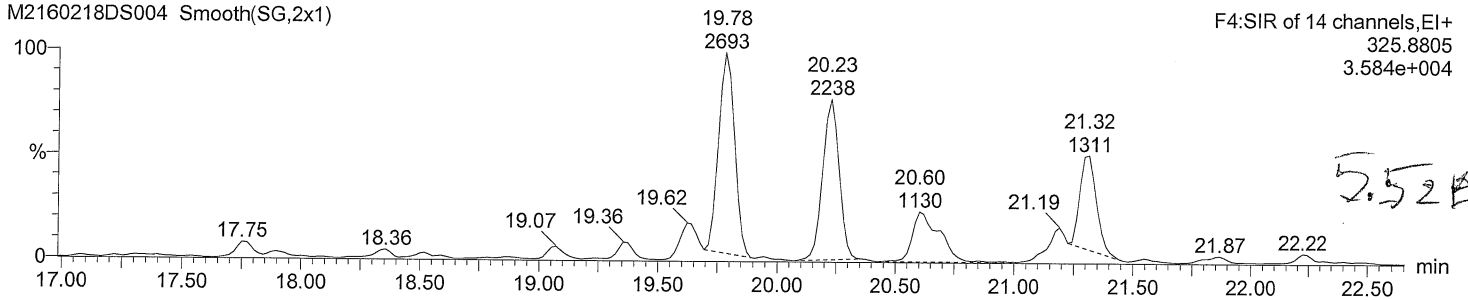


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Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
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Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

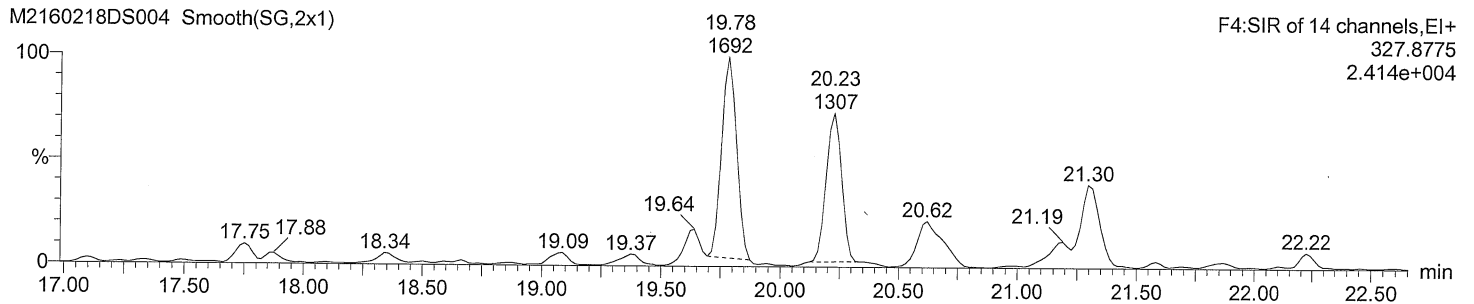
Total PeCB F4

M2160218DS004 Smooth(SG,2x1)



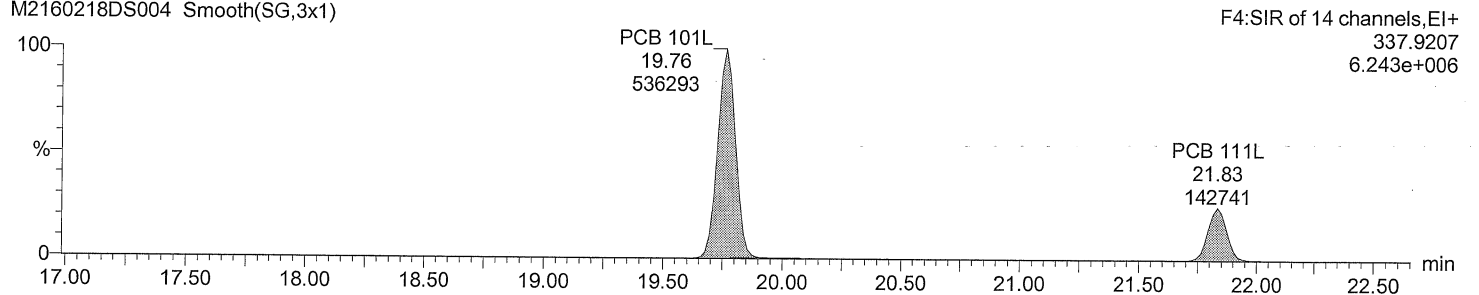
Total PeCB F4

M2160218DS004 Smooth(SG,2x1)



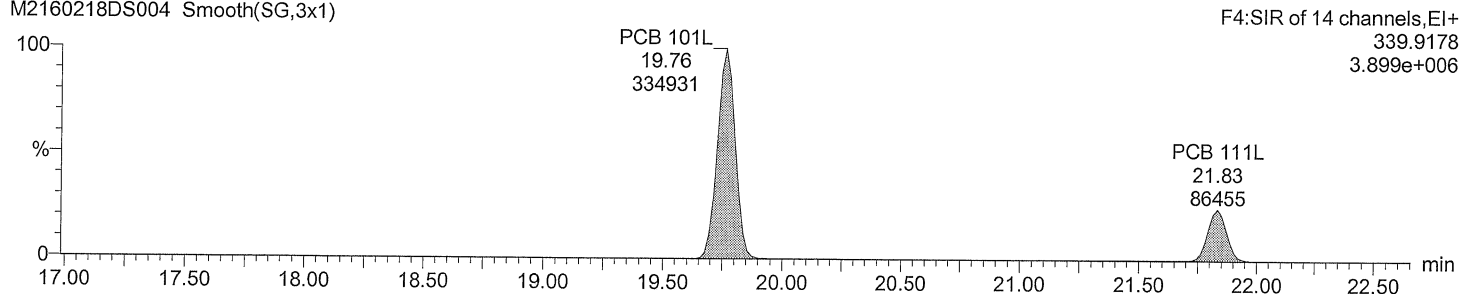
Total PeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

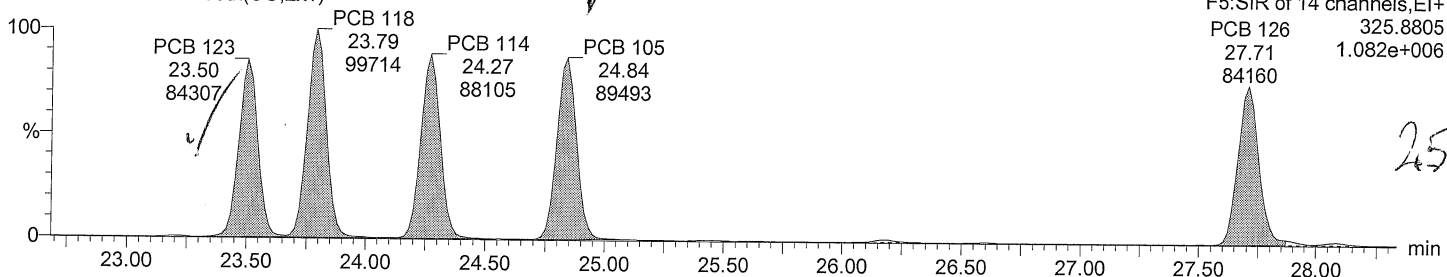
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Date: 18-FEB-2016

Time: 20:57:58

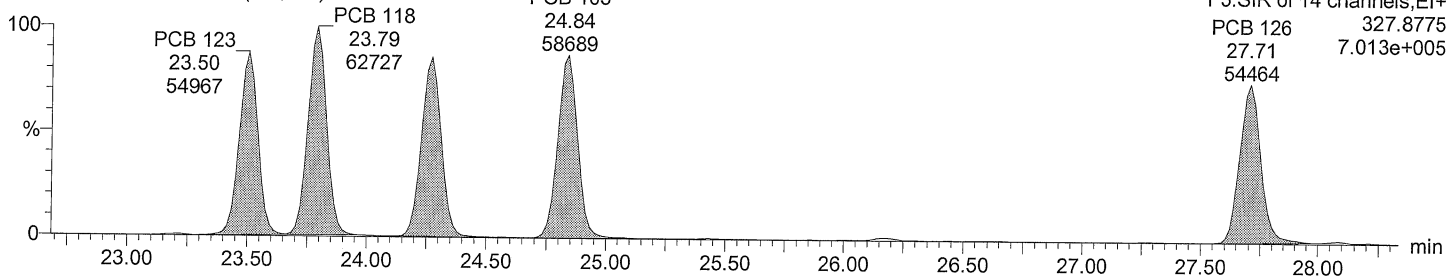
Total PeCB F5

M2160218DS004 Smooth(SG,2x1)



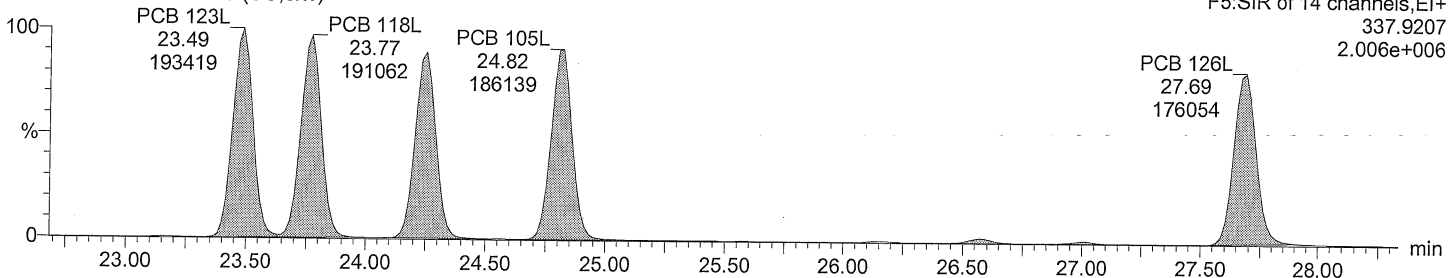
Total PeCB F5

M2160218DS004 Smooth(SG,2x1)



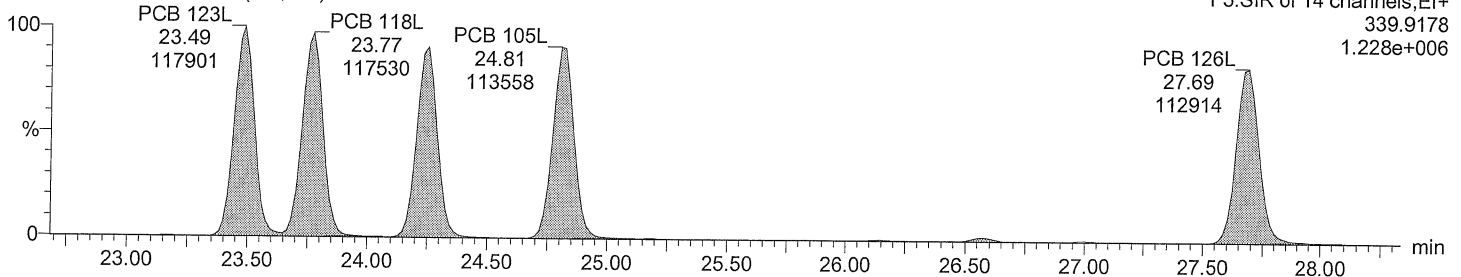
Total PeCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS004 Smooth(SG,3x1)



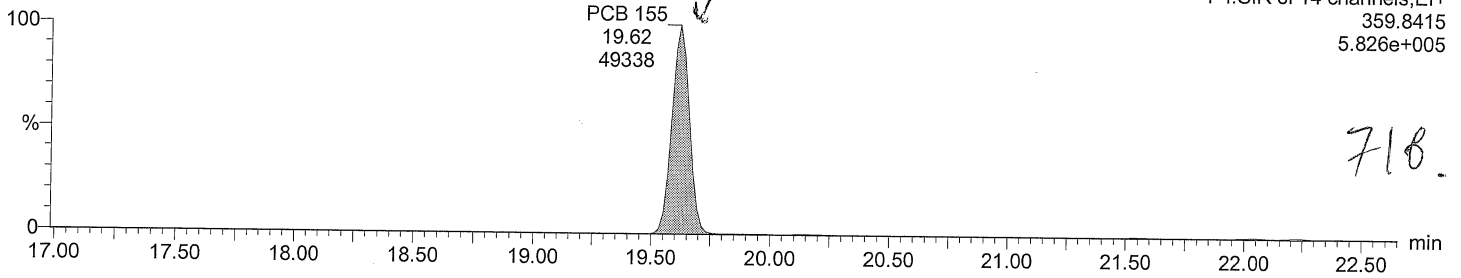
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ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

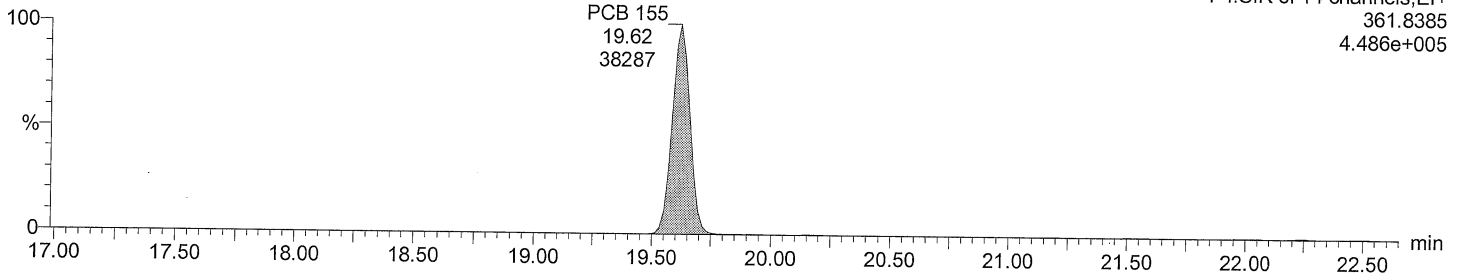
Total HxCB F4

M2160218DS004 Smooth(SG,3x1)



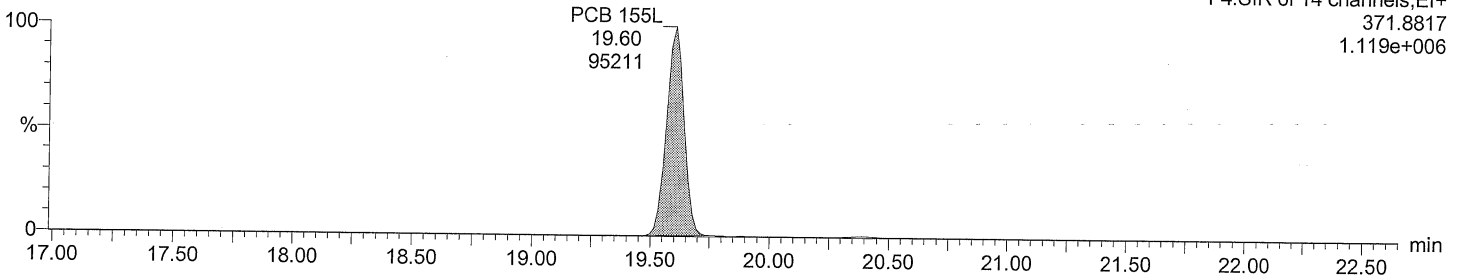
Total HxCB F4

M2160218DS004 Smooth(SG,3x1)



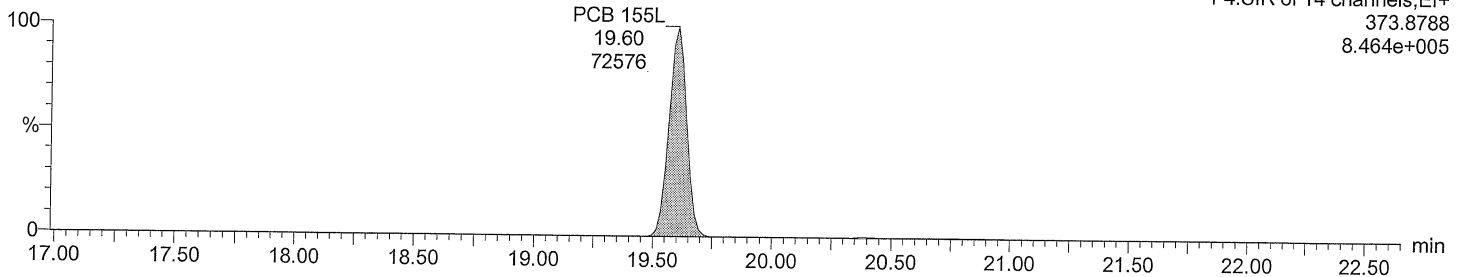
Total HxCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS004 Smooth(SG,3x1)



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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

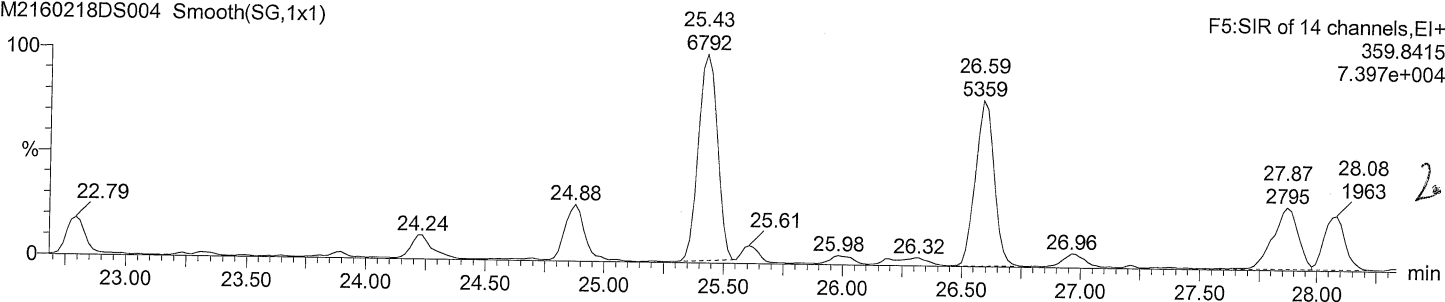
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

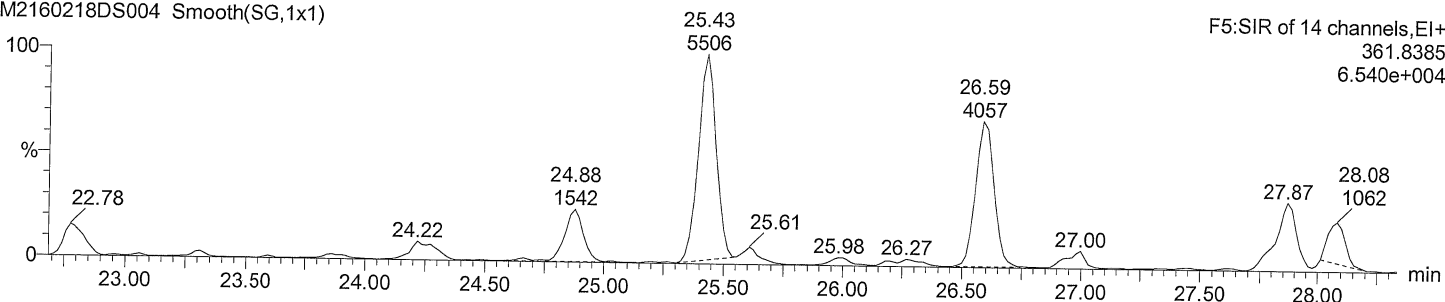
Total HxCB F5

M2160218DS004 Smooth(SG,1x1)



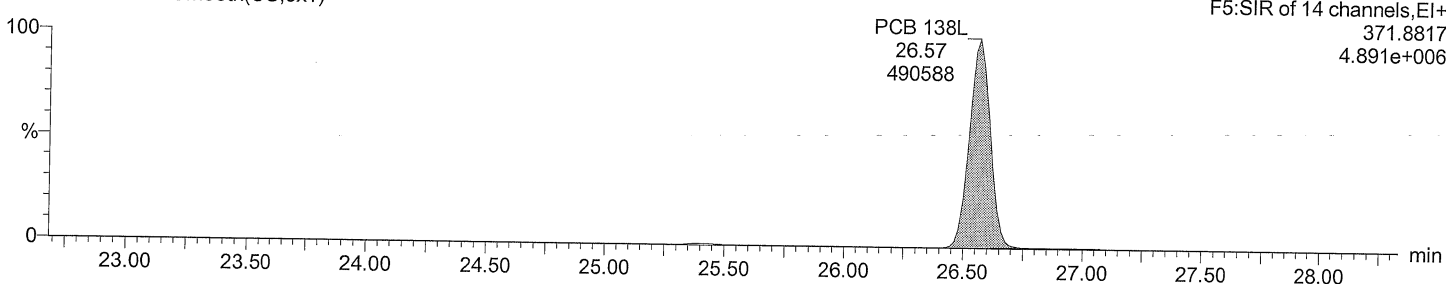
Total HxCB F5

M2160218DS004 Smooth(SG,1x1)



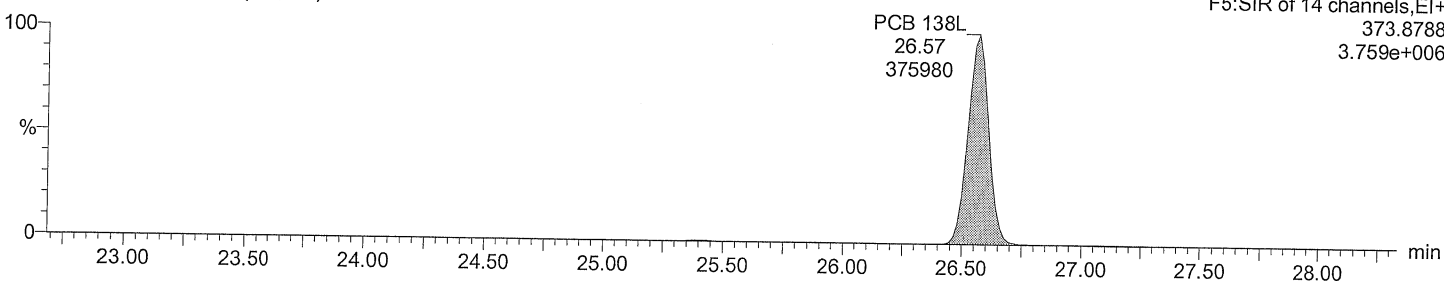
Total HxCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS004 Smooth(SG,3x1)



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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

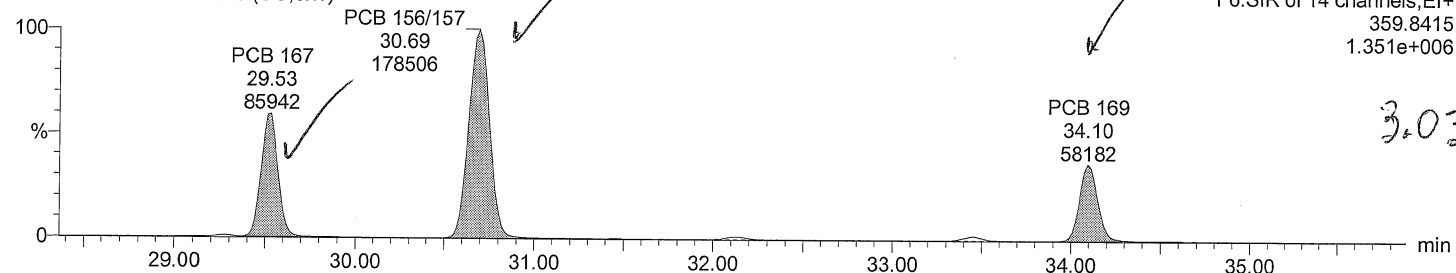
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

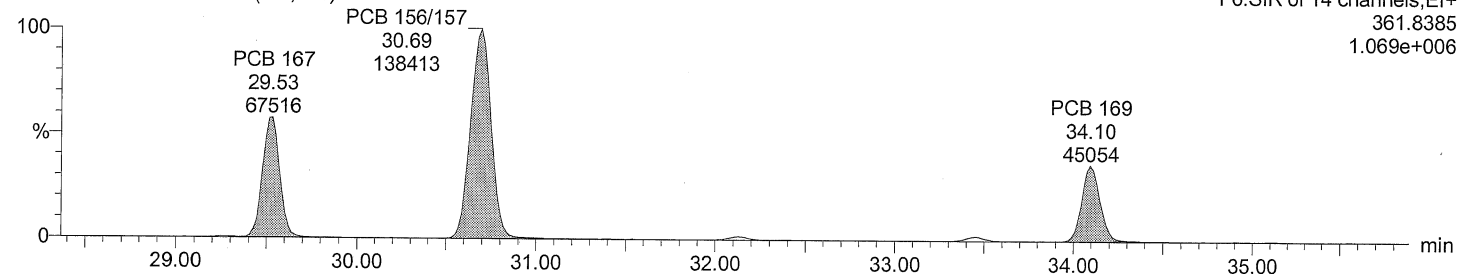
Total HxCB F6

M2160218DS004 Smooth(SG,3x1)



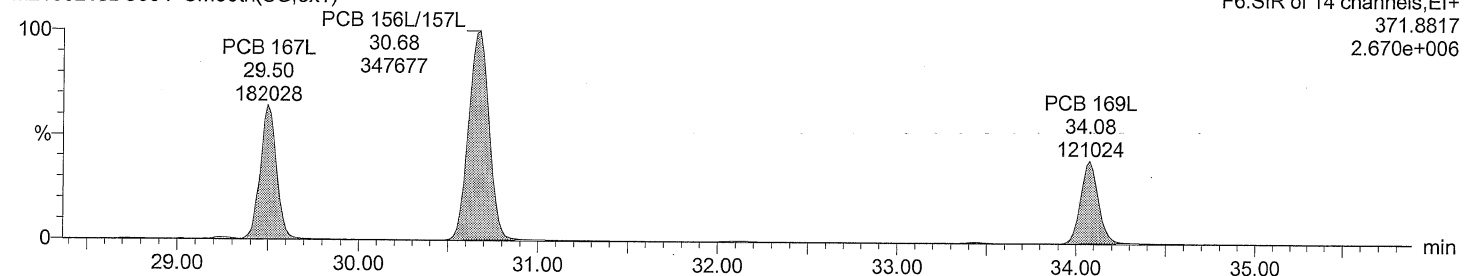
Total HxCB F6

M2160218DS004 Smooth(SG,3x1)



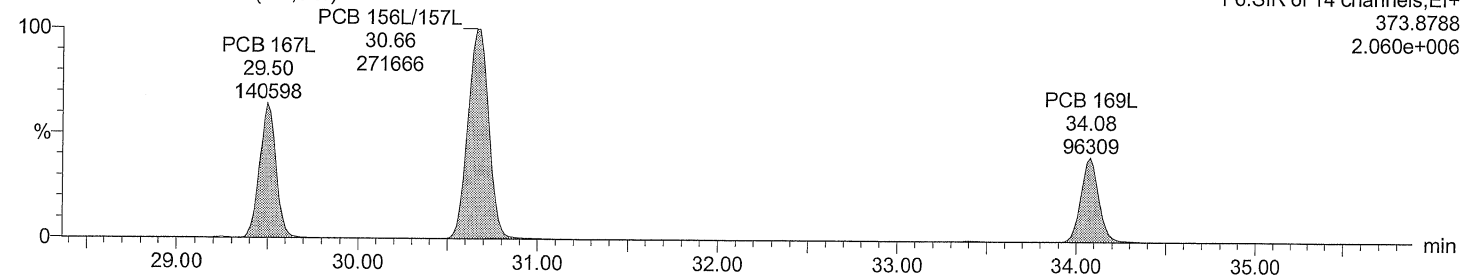
Total HxCB labeled F6

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS004 Smooth(SG,3x1)



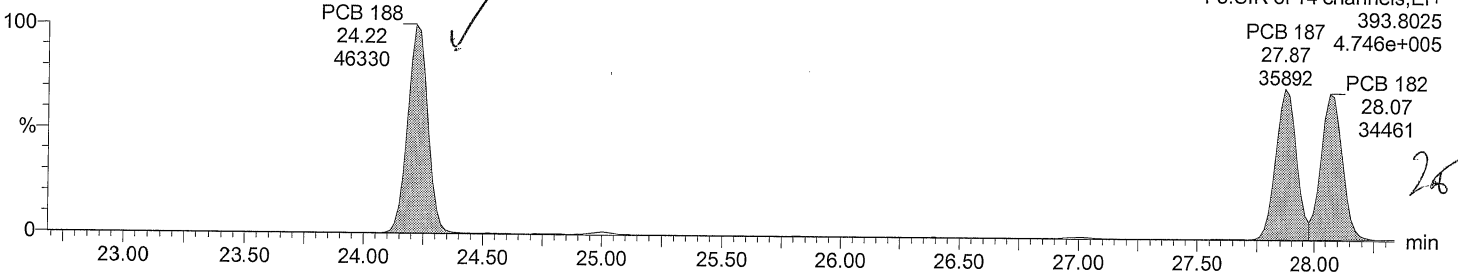
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

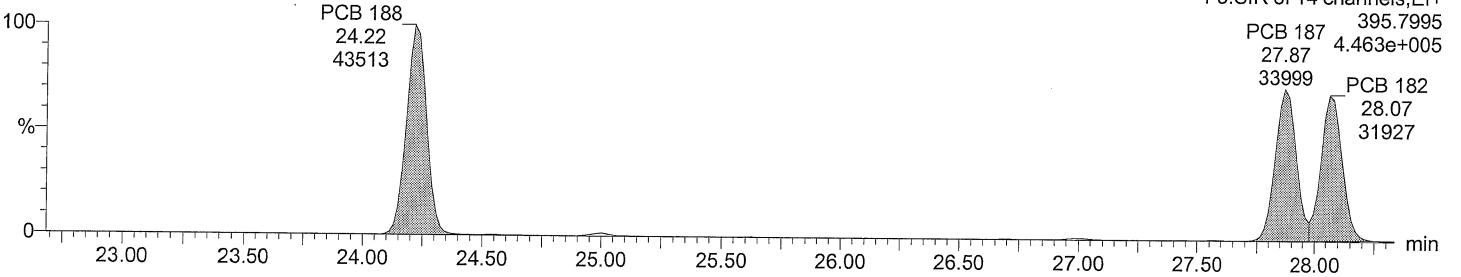
Total HpCB F5

M2160218DS004 Smooth(SG,3x1)



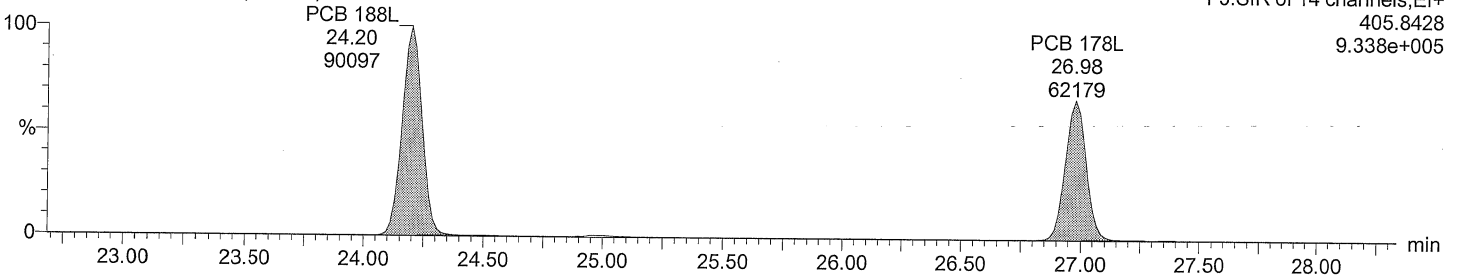
Total HpCB F5

M2160218DS004 Smooth(SG,3x1)



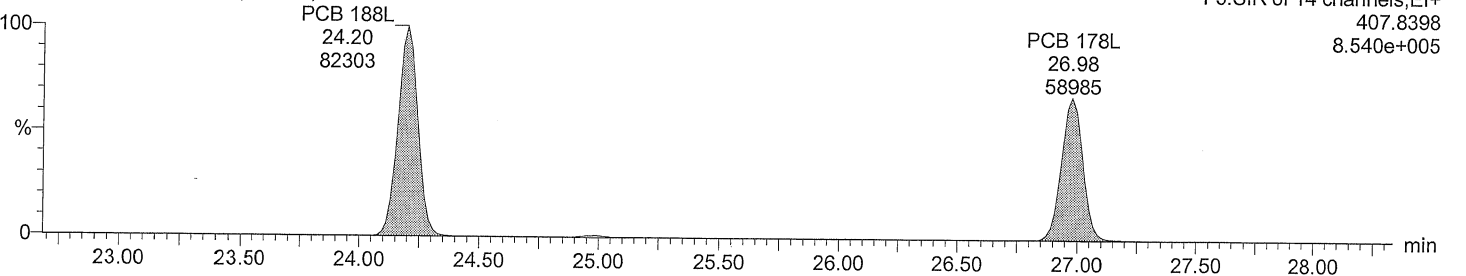
Total HpCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS004 Smooth(SG,3x1)



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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

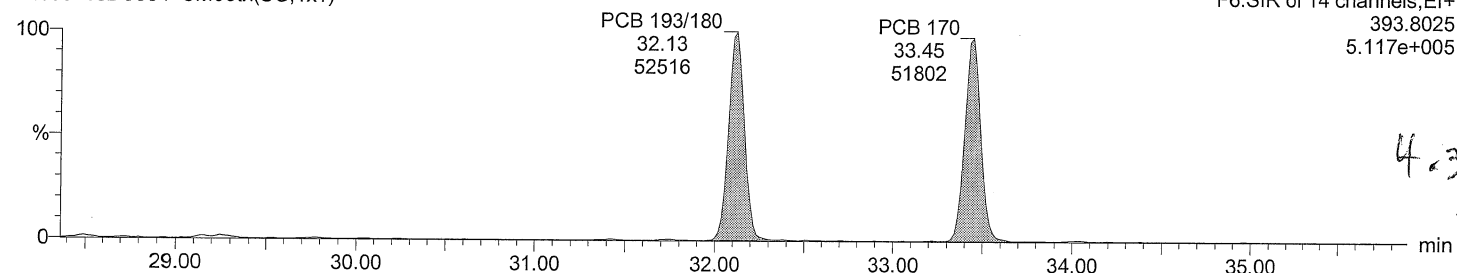
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

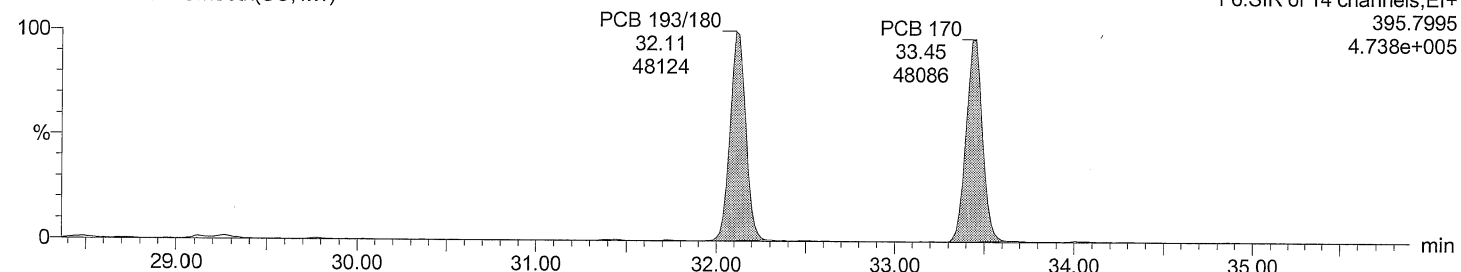
Total HpCB F6

M2160218DS004 Smooth(SG,1x1)



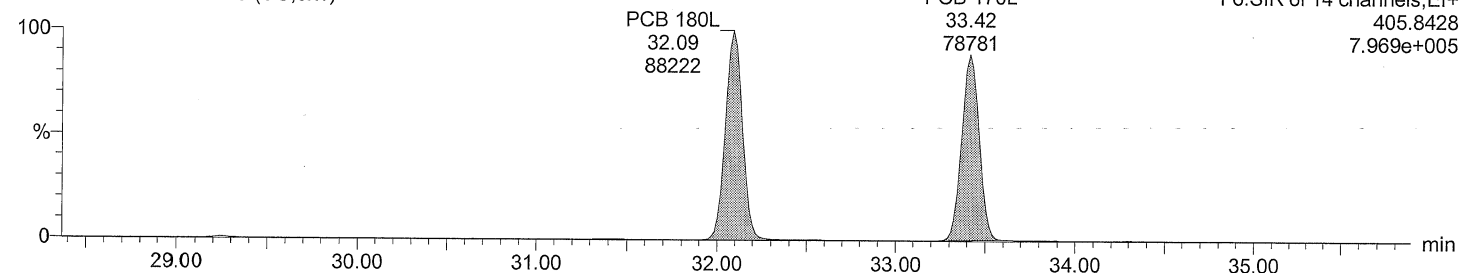
Total HpCB F6

M2160218DS004 Smooth(SG,1x1)



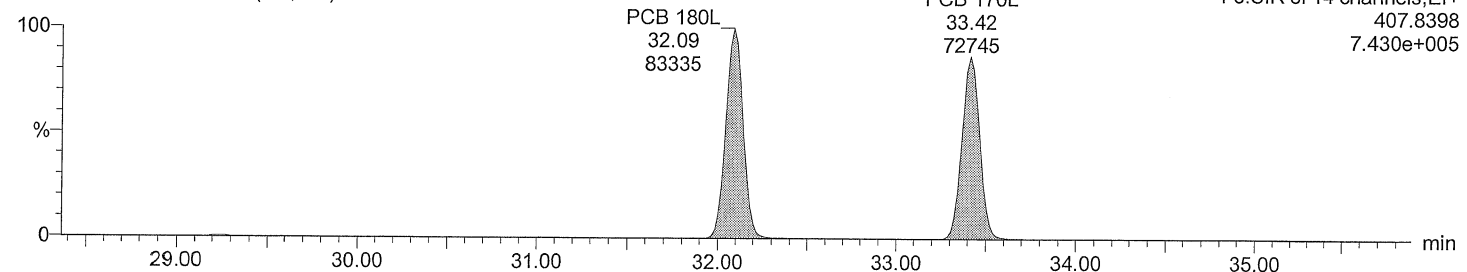
Total HpCB labeled F6

M2160218DS004 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS004 Smooth(SG,3x1)



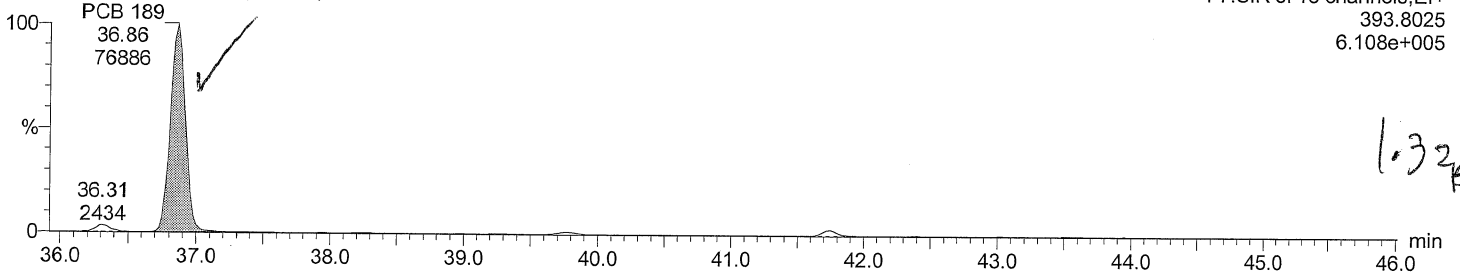
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Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

Total HpCB F7

M2160218DS004 Smooth(SG,3x1)

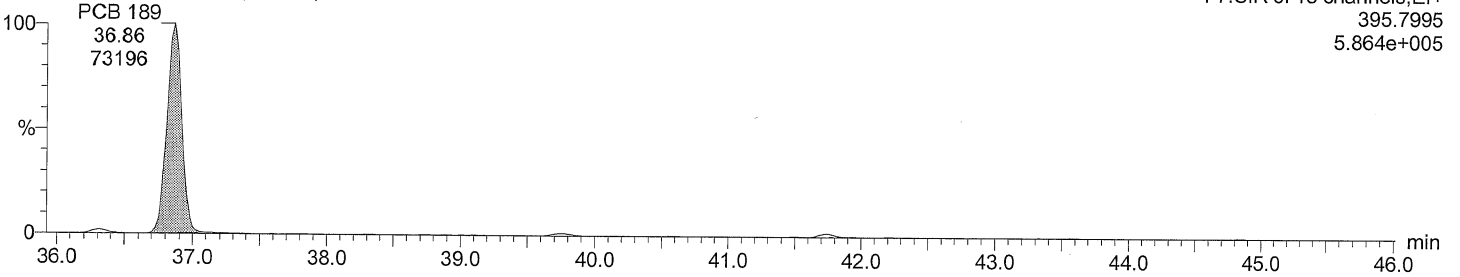
F7:SIR of 18 channels,EI+
393.8025
6.108e+005



Total HpCB F7

M2160218DS004 Smooth(SG,3x1)

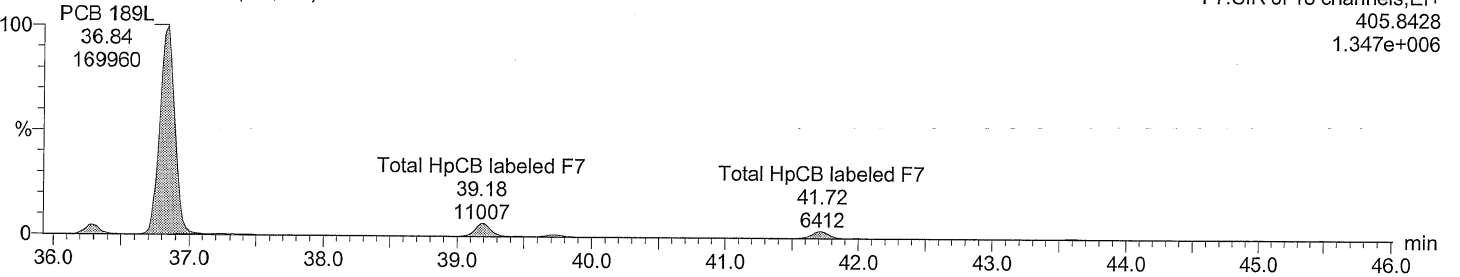
F7:SIR of 18 channels,EI+
395.7995
5.864e+005



Total HpCB labeled F7

M2160218DS004 Smooth(SG,3x1)

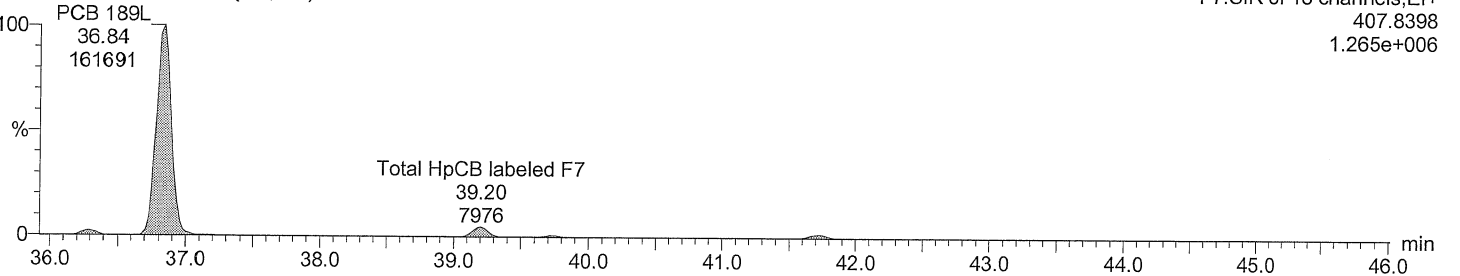
F7:SIR of 18 channels,EI+
405.8428
1.347e+006



Total HpCB labeled F7

M2160218DS004 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
407.8398
1.265e+006



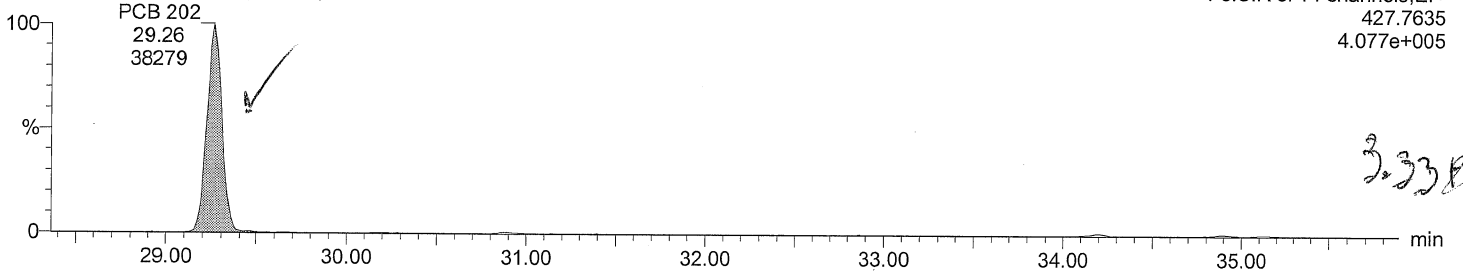
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Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

Total OcCB F6

M2160218DS004 Smooth(SG,1x1)

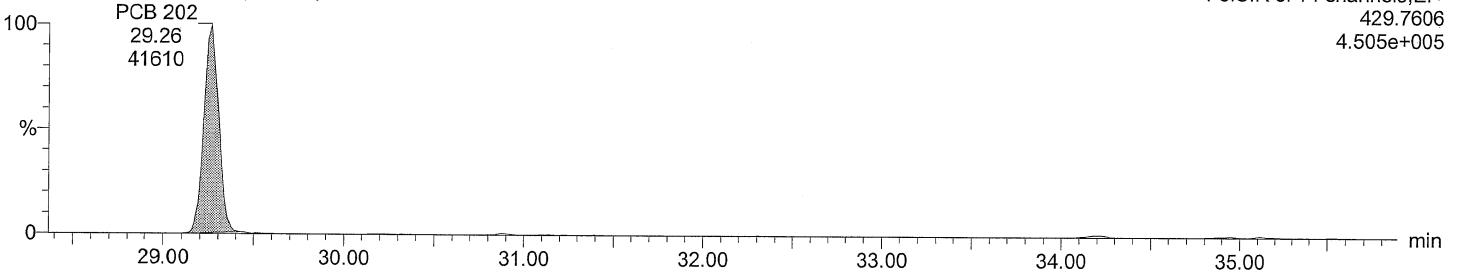
F6:SIR of 14 channels,EI+
427.7635
4.077e+005



Total OcCB F6

M2160218DS004 Smooth(SG,1x1)

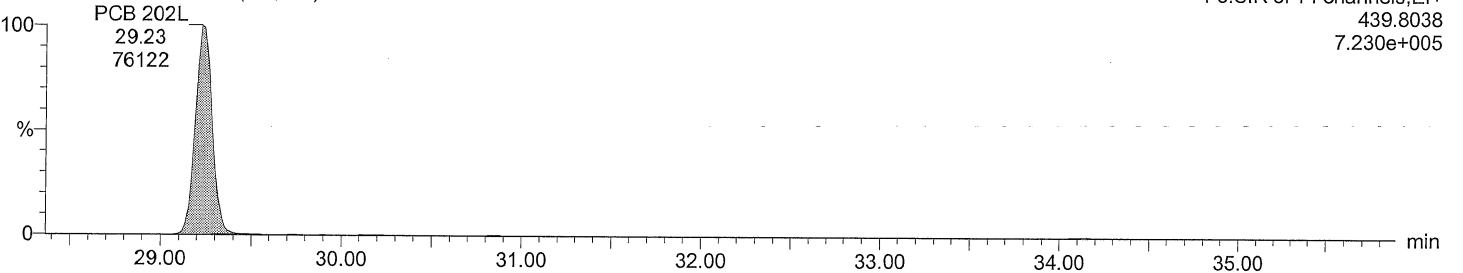
F6:SIR of 14 channels,EI+
429.7606
4.505e+005



Total OcCB labeled F6

M2160218DS004 Smooth(SG,3x1)

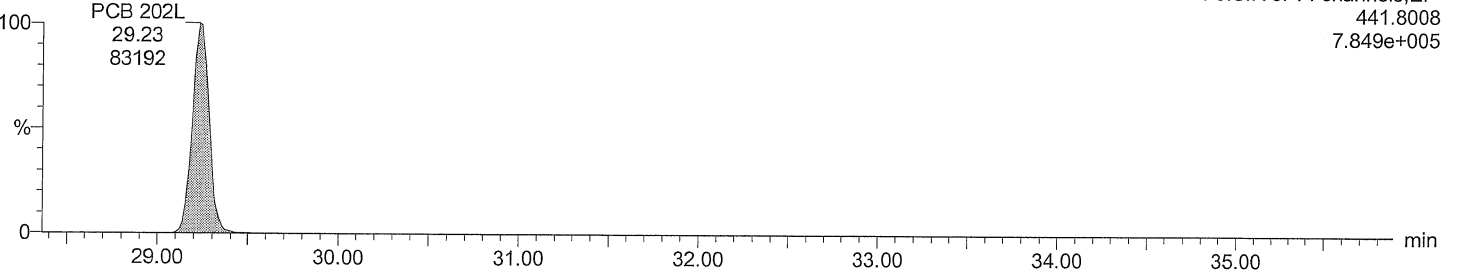
F6:SIR of 14 channels,EI+
439.8038
7.230e+005



Total OcCB labeled F6

M2160218DS004 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+
441.8008
7.849e+005



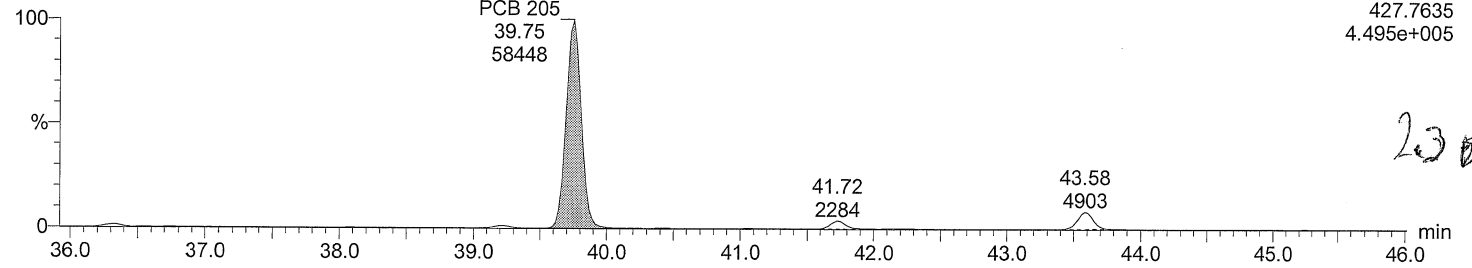
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

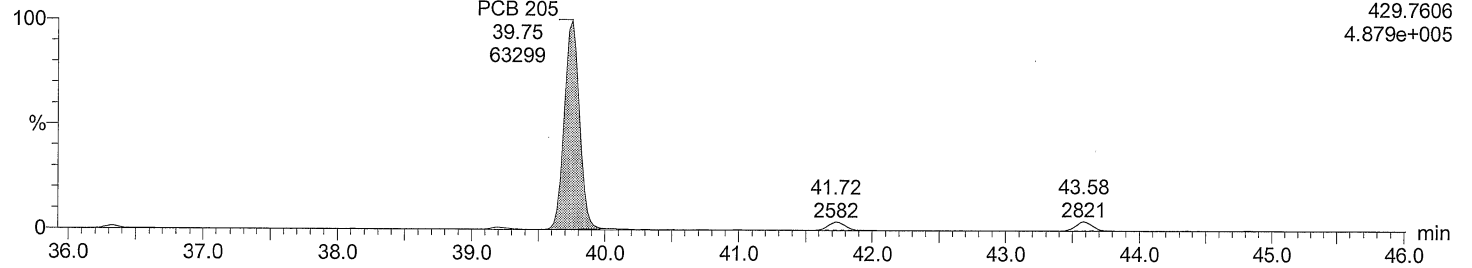
Total OocB F7

M2160218DS004 Smooth(SG,3x1)



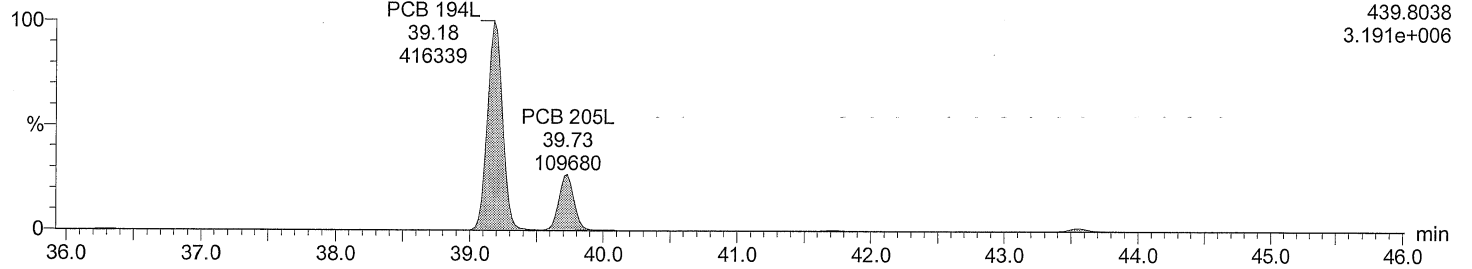
Total OocB F7

M2160218DS004 Smooth(SG,3x1)



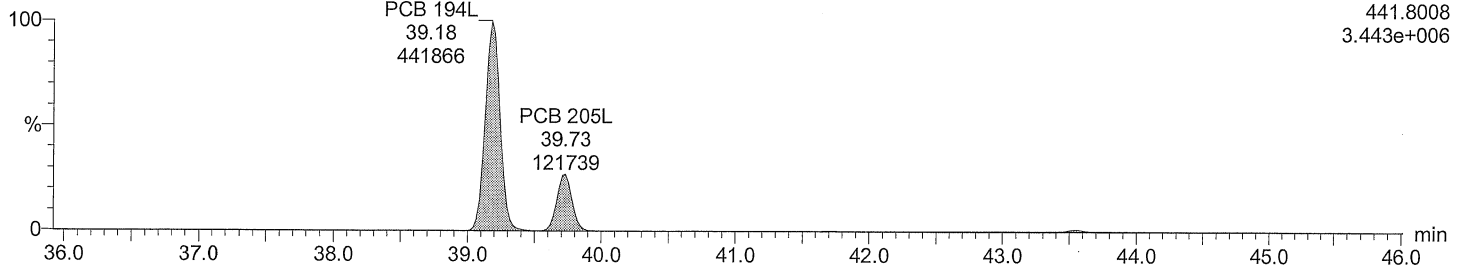
Total OocB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total OocB labeled F7

M2160218DS004 Smooth(SG,3x1)

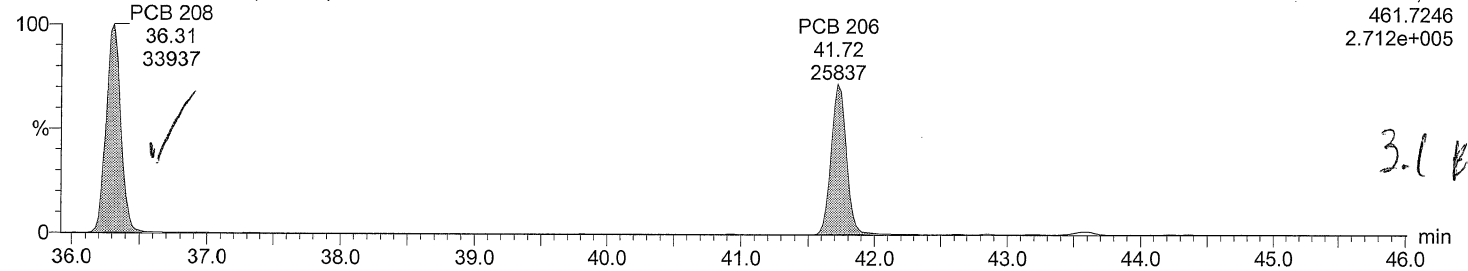


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

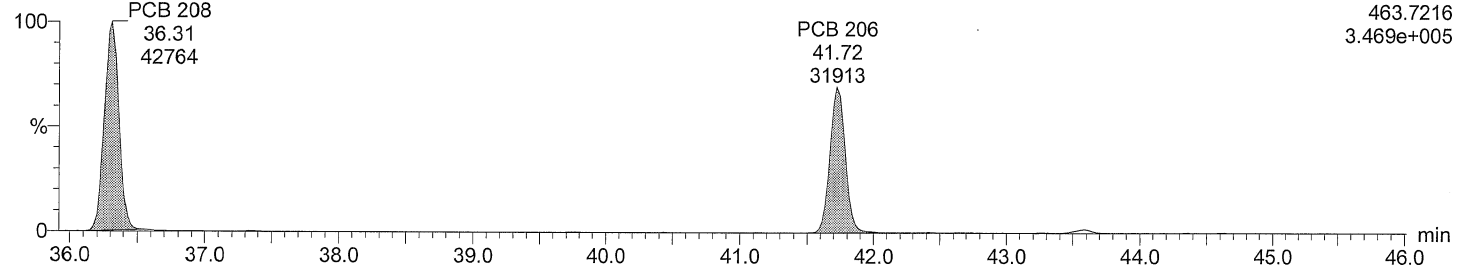
Total NoCB F7

M2160218DS004 Smooth(SG,3x1)



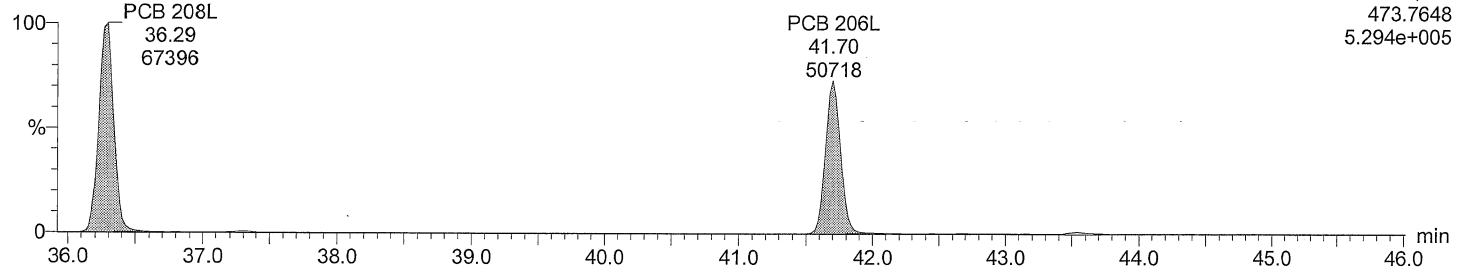
Total NoCB F7

M2160218DS004 Smooth(SG,3x1)



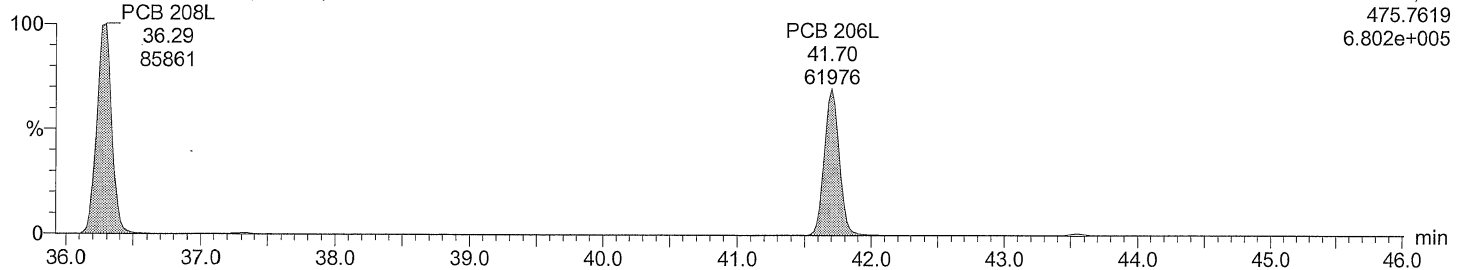
Total NoCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

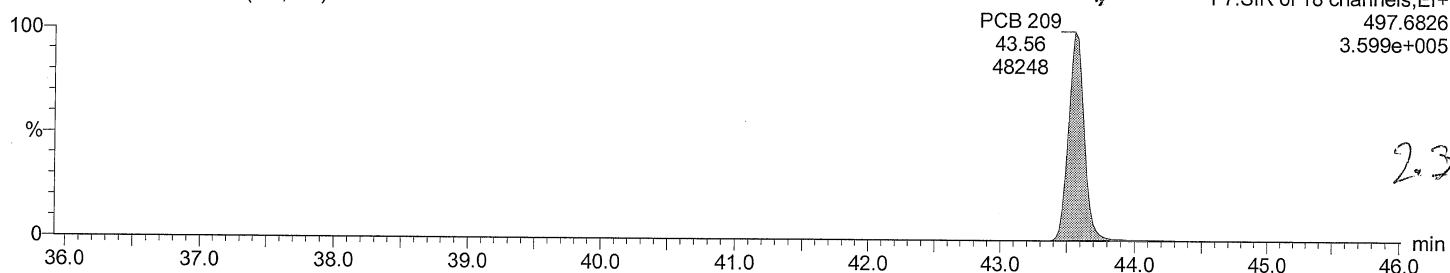
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

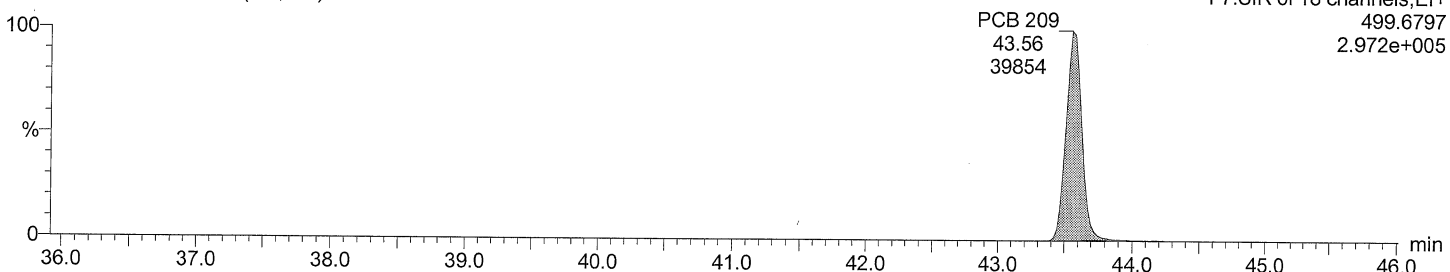
Total DeCB F7

M2160218DS004 Smooth(SG,3x1)



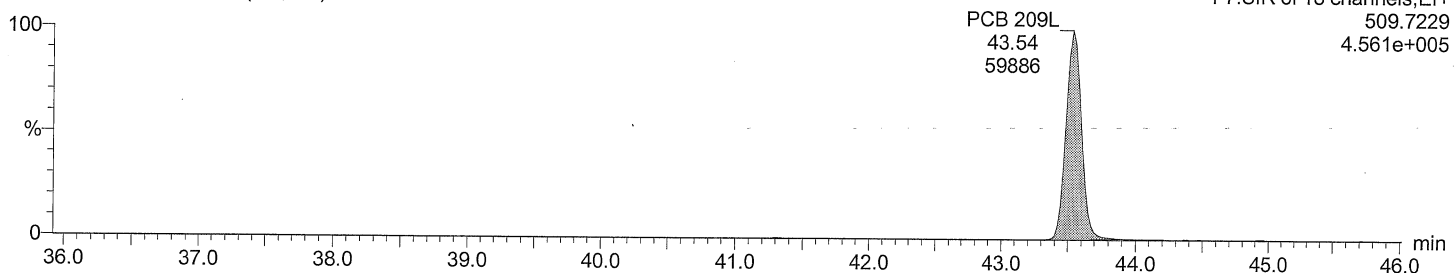
Total DeCB F7

M2160218DS004 Smooth(SG,3x1)



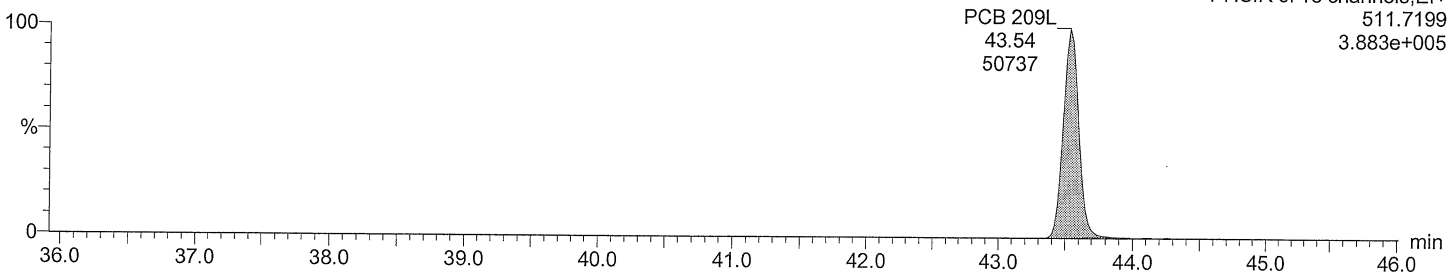
Total DeCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

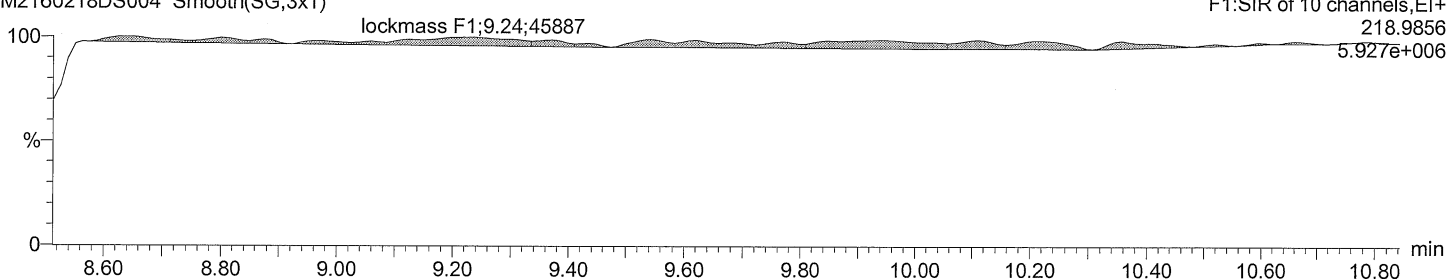
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

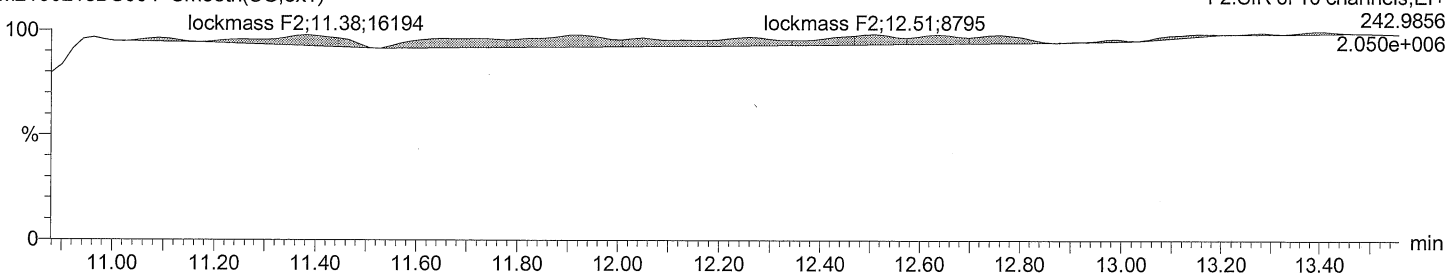
lockmass F1

M2160218DS004 Smooth(SG,3x1)



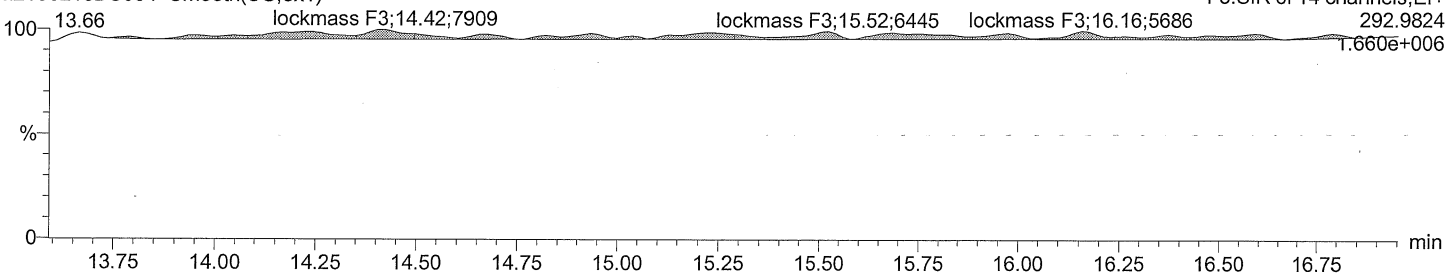
lockmass F2

M2160218DS004 Smooth(SG,3x1)



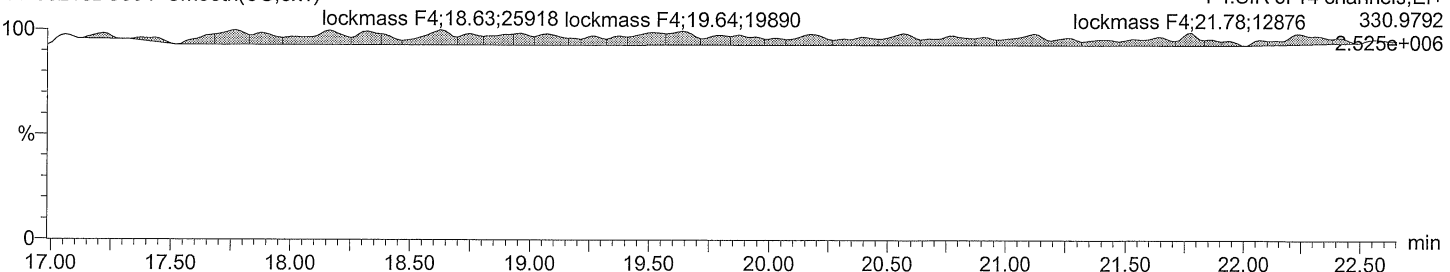
lockmass F3

M2160218DS004 Smooth(SG,3x1)



lockmass F4

M2160218DS004 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

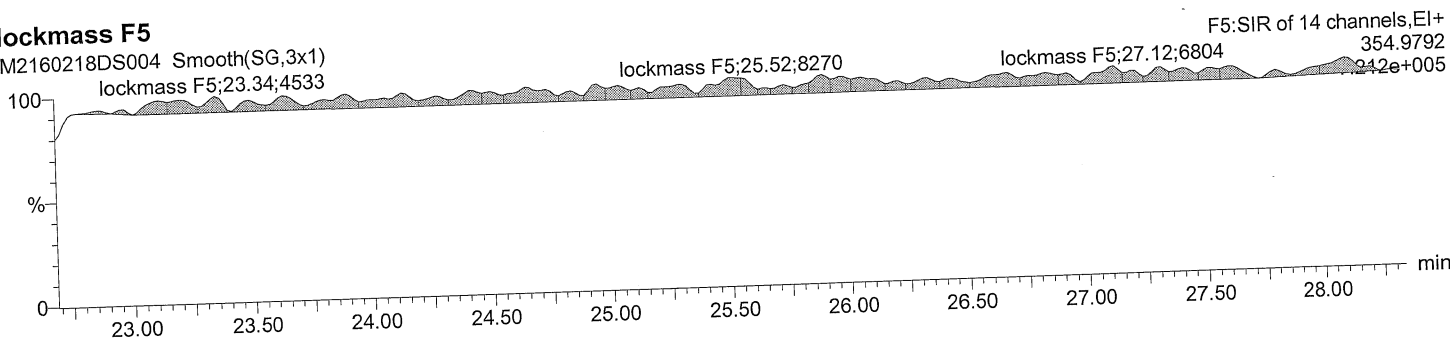
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Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

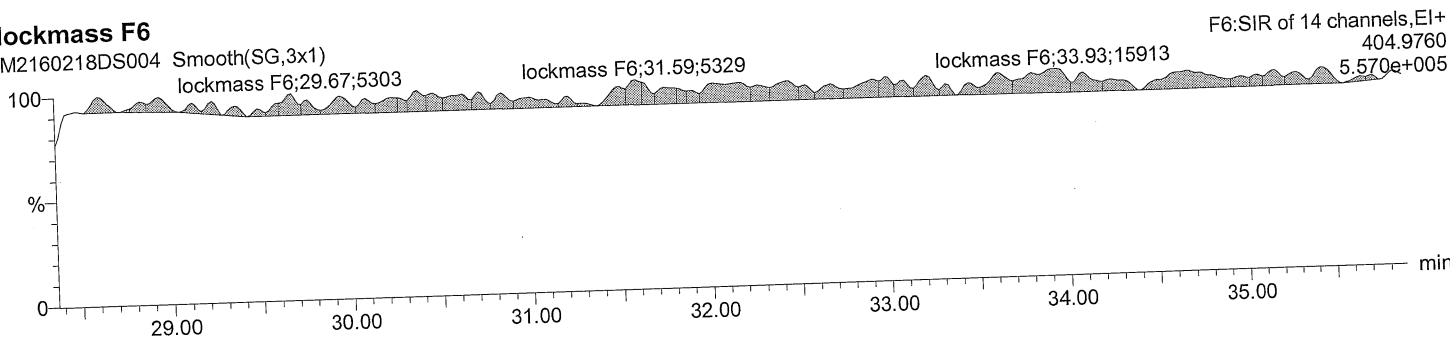
lockmass F5

M2160218DS004 Smooth(SG,3x1)



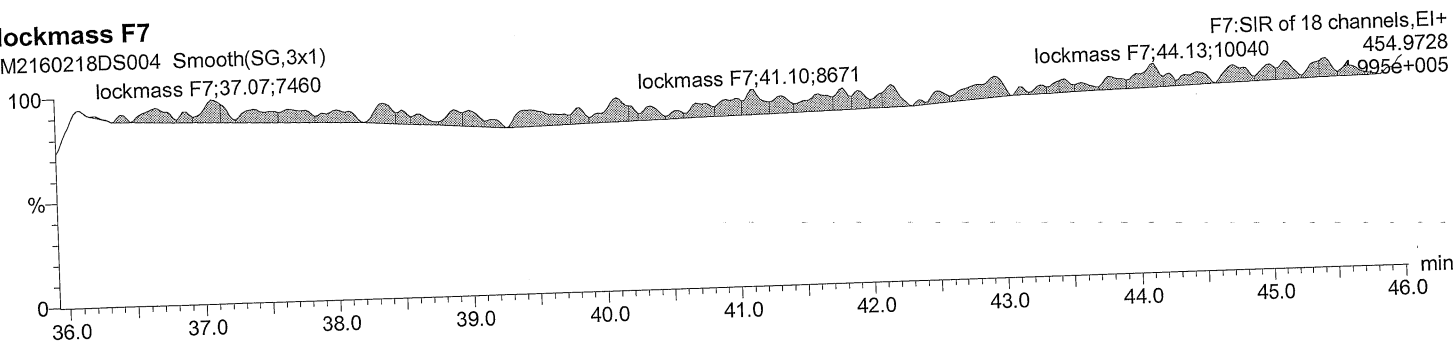
lockmass F6

M2160218DS004 Smooth(SG,3x1)



lockmass F7

M2160218DS004 Smooth(SG,3x1)



Filename: M2160218DS012
 Acquired: 18/02/2016 3:39

Cali File: M2160218D_209

Sample ID: REFMATT
 Comments:
 Instrument File: Ultima 3
 Sample Size: 7.885

REF MAT

Dil Fac: 1.00

Name	mass	RT	Area	ratio	Tot Area	pg	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	8.99	32059	3.32	41728	0.043002			-0.00083	127	no	1.082	-
	MoCB 190	8.98	9670	yes						120			
2 PCB 2	188	NotFnd	*	*	*	-0.00075			-0.00075	*	no	1.2	-
	MoCB 190	10.10	*	no						*			
3 PCB 3	188	10.19	3599	3.02	4789	0.004889			-0.00084	17	no	1.079	-
	MoCB 190	10.19	1190	yes						17			
4 PCB 4	222	10.30	74730	1.62	120808	0.298757			-0.00256	1446	no	0.954	-
	DiCB 224	10.30	46077	yes						127			
5 PCB 10	222	10.37	10033	1.6	16310	0.016223			-0.00199	181	no	1.229	-
	DiCB 224	10.37	6278	yes						17			
6 PCB 9	222	11.19	4178	1.5	6971	0.006501			-0.00268	62	no	1.311	-
	DiCB 224	11.18	2793	yes						6			
7 PCB 7	222	11.27	-3025	1.56	-4964.1	-0.00521	PCB 7 NDR		-0.00302	46	xL	1.165	-
	DiCB 224	11.26	-1939.1	OK						5			
8 PCB 6	222	11.37	37025	1.48	62091	0.057552			-0.00266	459	no	1.319	-
	DiCB 224	11.35	25066	yes						42			
9 PCB 5	222	NotFnd	*	*	*	-0.00358			-0.00358	*	no	0.983	-
	DiCB 224	11.50	*	no						*			
10 PCB 8	222	11.56	153111	1.51	254355	0.213501			-0.00241	2123	no	1.456	-
	DiCB 224	11.55	101244	yes						187			
11 PCB 14	222	NotFnd	*	*	*	-0.00264			-0.00264	*	no	1.332	-
	DiCB 224	12.27	*	no						*			
12 PCB 11	222	12.65	171249	1.54	282232	0.268533			-0.00274	2041	no	1.285	-
	DiCB 224	12.67	110984	yes						184			
13 PCB 13/12	222	12.80	23874	1.48	40009	0.040408			-0.0029	201	no	1.21	-
	DiCB 224	12.83	16135	yes						20			
14 PCB 15	222	12.94	151026	1.58	246750	0.233818			-0.00404	1735	no	0.871	-
	DiCB 224	12.97	95724	yes						155			
15 PCB 19	256	11.69	44112	1.06	85683	0.187402			-0.00199	496	no	0.899	-
	TriCB 258	11.69	41571	yes						475			
16 PCB 30/18	256	12.50	178064	1.03	350580	0.440224			-0.0022	1759	no	0.813	-
	TriCB 258	12.47	172517	yes						1652			
17 PCB 17	256	12.69	155547	1.06	301813	0.45141			-0.00262	1737	no	0.683	-
	TriCB 258	12.68	146266	yes						1668			
18 PCB 27	256	12.77	68985	1.06	134206	0.136782			-0.00179	634	no	1.002	-
	TriCB 258	12.77	65221	yes						660			
19 PCB 24	256	NotFnd	*	*	*	-0.0021			-0.0021	*	no	0.855	-
	TriCB 258	12.86	*	no						*			
20 PCB 16	256	12.90	35822	1.07	69464	0.141718			-0.00358	347	no	0.501	-
	TriCB 258	12.89	33642	yes						349			
21 PCB 32	256	13.15	220189	1.05	430550	0.402364			-0.00164	2124	no	1.093	-
	TriCB 258	13.12	210361	yes						2033			
22 PCB 34	256	13.75	8075	0.94	16631	0.013751			-0.00212	23	no	1.235	-
	TriCB 258	13.73	8556	yes						26			
23 PCB 23	256	NotFnd	*	*	*	-0.00254			-0.00254	*	no	1.033	-
	TriCB 258	13.81	*	no						*			
24 PCB 26/29	256	13.97	323106	1.01	641377	0.536433			-0.00215	879	no	1.221	-
	TriCB 258	13.98	318271	yes						916			
25 PCB 25	256	14.09	209409	1.03	413503	0.316546			-0.00197	544	no	1.334	-
	TriCB 258	14.11	204094	yes						563			
26 PCB 31	256	14.25	961218	1.02	1903544	1.456068			-0.00197	2648	no	1.335	-
	TriCB 258	14.27	942327	yes						2733			
27 PCB 28/20	256	14.42	1197014	1.01	2376193	2.038612			-0.0022	3270	no	1.191	-
	TriCB 258	14.44	1179179	yes						3378			
28 PCB 21/33	256	14.54	225152	1.03	444104	0.361373			-0.00209	579	no	1.255	-
	TriCB 258	14.54	218952	yes						589			
29 PCB 22	256	14.76	220984	1.04	433632	0.393003			-0.00233	599	no	1.127	-
	TriCB 258	14.77	212648	yes						598			
30 PCB 36	256	NotFnd	*	*	*	-0.00167			-0.00167	*	no	1.57	-
	TriCB 258	15.61	*	no						*			
31 PCB 39	256	15.83	10584	0.99	21326	0.016497			-0.00199	25	no	1.32	-
	TriCB 258	15.84	10742	yes						27			
32 PCB 38	256	NotFnd	*	*	*	-0.00182			-0.00182	*	no	1.438	-
	TriCB 258	16.19	*	no						*			
33 PCB 35	256	16.44	14905	1.03	29406	0.018807			-0.00164	34	no	1.597	-
	TriCB 258	16.46	14501	yes						34			
34 PCB 37	256	16.69	205050	1.03	404429	0.308173			-0.0029	465	no	0.906	-
	TriCB 258	16.71	199379	yes						478			
35 PCB 54	290	13.07	3096	0.83	6844	0.014539			-0.00249	15	no	0.911	-
	TCB 292	13.09	3747	yes						14			
36 PCB 53/50	290	14.11	138467	0.79	312764	0.501697			-0.00185	1150	no	0.654	-
	TCB 292	14.13	174297	yes						1120			
37 PCB 45/51	290	14.49	115511	0.77	264544	0.438717			-0.00191	728	no	0.633	-
	TCB 292	14.50	149033	yes						719			
38 PCB 46	290	14.63	26536	0.79	60315	0.11433			-0.00219	213	no	0.554	-
	TCB 292	14.65	33780	yes						209			
39 PCB 52	290	15.37	967335	0.8	2178433	2.741201			-0.00145	7503	no	0.834	-
	TCB 292	15.39	1211098	yes						7194			
40 PCB 73	290	15.48	3140	0.76	7289	0.009406			-0.00149	84	yes	0.813	-
	TCB 292	15.47	4150	yes						88			
41 PCB 43	290	15.52	29091	0.79	65837	0.133794			-0.00235	231	yes	0.516	-
	TCB 292	15.54	36747	yes						225			
42 PCB 69/49	290	15.66	776734	0.8	1751904	2.160107			-0.00142	5750	no	0.851	-
	TCB 292	15.65	975170	yes						5448			

43 PCB 48	290	15.83	121664	0.79	275340	0.429212	-0.0018	934	no	0.673	-
	TCB 292	15.85	153676	yes				906			
44 PCB 44/47/65	290	15.97	1022068	0.8	2303003	3.086412	-0.00155	6161	no	0.783	-
	TCB 292	15.99	1280935	yes				5926			
45 PCB 59/62/75	290	16.15	105835	0.79	240398	0.248224	-0.00119	651	no	1.017	-
	TCB 292	16.18	134563	yes				640			
46 PCB 42	290	16.28	214384	0.79	485691	0.747943	-0.00178	1603	no	0.682	-
	TCB 292	16.31	271307	yes				1556			
47 PCB 40/41/71	290	16.57	472635	0.8	1066814	1.547533	-0.00167	3097	no	0.724	-
	TCB 292	16.59	594179	yes				3004			
48 PCB 64	290	16.71	510355	0.79	1153227	1.312998	-0.00131	3628	no	0.922	-
	TCB 292	16.73	642872	yes				3530			
49 PCB 72	290	17.19	33872	0.78	77328	0.062229	-0.00183	96	no	1.304	-
	TCB 292	17.20	43457	yes				95			
50 PCB 68	290	17.39	26842	0.77	61648	0.053033	-0.00196	73	no	1.22	-
	TCB 292	17.41	34805	yes				73			
51 PCB 57	290	17.69	12502	0.79	28346	0.024366	-0.00196	53	no	1.221	-
	TCB 292	17.69	15844	yes				52			
52 PCB 58	290	NotFnd	*	*	*	-0.00231	-0.00231	*	no	1.035	-
	TCB 292	17.84	*	no				*			
53 PCB 67	290	17.94	62256	0.78	142410	0.111007	-0.00177	167	no	1.347	-
	TCB 292	17.95	80154	yes				168			
54 PCB 63	290	18.14	96896	0.78	220426	0.184712	-0.00191	259	no	1.253	-
	TCB 292	18.14	123530	yes				258			
55 PCB 61/70/74/76	290	18.35	2593761	0.77	5959827	5.642342	-0.00215	5042	no	1.109	-
	TCB 292	18.35	3366067	yes				5013			
56 PCB 66	290	18.58	1656844	0.77	3804358	3.216388	-0.00193	4440	no	1.241	-
	TCB 292	18.59	2147514	yes				4416			
57 PCB 55	290	NotFnd	*	*	*	-0.00239	-0.00239	*	no	0.998	-
	TCB 292	18.72	*	no				*			
58 PCB 56	290	19.07	603796	0.79	1370674	1.445325	-0.0024	1589	no	0.995	-
	TCB 292	19.06	766877	yes				1576			
59 PCB 60	290	19.23	282759	0.74	666747	0.708623	-0.00242	763	no	0.988	-
	TCB 292	19.23	363988	yes				767			
60 PCB 80	290	NotFnd	*	*	*	-0.00195	-0.00195	*	no	1.224	-
	TCB 292	19.49	*	no				*			
61 PCB 79	290	20.65	22640	0.75	52939	0.038009	-0.00163	81	yes	1.462	-
	TCB 292	20.62	30299	yes				81			
62 PCB 78	290	NotFnd	*	*	*	-0.00186	-0.00186	*	no	1.287	-
	TCB 292	21.07	*	no				*			
63 PCB 81	290	21.42	4753	0.82	10515	0.008445	-0.00233	14	yes	1.027	-
	TCB 292	21.44	5762	yes				13			
64 PCB 77	290	21.88	146616	0.78	334197	0.27481	-0.00222	341	no	1.077	-
	TCB 292	21.88	187581	yes				345			
65 PCB 104	326	NotFnd	*	*	*	-0.00128	-0.00128	*	no	1.094	-
	PeCB 328	15.93	*	no				*			
66 PCB 96	326	16.17	11594	1.68	18494	0.021398	-0.0016	63	no	0.874	-
	PeCB 328	16.16	6899	yes				58			
67 PCB 103	326	17.32	20666	1.6	33581	0.045954	-0.00186	81	no	0.739	-
	PeCB 328	17.32	12915	yes				80			
68 PCB 94	326	17.46	11261	1.51	18713	0.035045	-0.00255	44	no	0.54	-
	PeCB 328	17.46	7452	yes				43			
69 PCB 95	326	17.76	1033760	1.6	1680498	2.488954	-0.00202	4051	no	0.683	-
	PeCB 328	17.76	646737	yes				3922			
70 PCB 100/93/102/98	326	18.00	93485	1.73	147579	0.241037	-0.00222	250	yes	0.619	-
	PeCB 328	17.92	54094	yes				233			
71 PCB 88/91	326	18.35	264364	1.61	428523	0.693174	-0.0022	1007	no	0.625	-
	PeCB 328	18.30	164159	yes				958			
72 PCB 84	326	18.51	272774	1.62	441109	0.835102	-0.00258	1021	no	0.534	-
	PeCB 328	18.49	168335	yes				973			
73 PCB 89	326	18.83	18266	1.59	29767	0.051693	-0.00237	68	no	0.582	-
	PeCB 328	18.83	11501	yes				66			
74 PCB 121	326	NotFnd	*	*	*	-0.00181	-0.00181	*	no	0.761	-
	PeCB 328	19.07	*	no				*			
75 PCB 92	326	19.37	347044	1.61	562456	0.951348	-0.0023	1266	no	0.598	-
	PeCB 328	19.34	215411	yes				1208			
76 PCB 113/90/101	326	19.80	2003863	1.59	3264234	4.646563	-0.00194	7148	no	0.71	-
	PeCB 328	19.75	1260371	yes				6941			
77 PCB 83/99	326	20.22	1282590	1.59	2087743	3.387382	-0.00221	4090	no	0.623	-
	PeCB 328	20.21	805153	yes				4047			
78 PCB 112	326	NotFnd	*	*	*	-0.00168	-0.00168	*	no	0.819	-
	PeCB 328	20.33	*	no				*			
79 PCB 109/119/86/97/125/326	326	20.63	1256936	1.6	2042795	2.843586	-0.0019	2382	no	0.726	-
	PeCB 328	20.61	785859	yes				2312			
80 PCB 117/116/85	326	21.18	366675	1.6	595552	0.756942	-0.00173	1238	no	0.796	-
	PeCB 328	21.22	228877	yes				1194			
81 PCB 110/115	326	21.31	2498423	1.6	4061319	5.477668	-0.00184	8100	no	0.75	-
	PeCB 328	21.31	1562896	yes				7922			
82 PCB 82	326	21.58	146903	1.66	235151	0.421245	-0.00244	493	no	0.564	-
	PeCB 328	21.58	88248	yes				462			
83 PCB 111	326	21.86	2580	1.39	4431	0.005541	-0.0017	8	yes	0.809	-
	PeCB 328	21.84	1851	yes				9			
84 PCB 120	326	22.24	13875	1.68	22132	0.023541	-0.00145	45	no	0.951	-
	PeCB 328	22.24	8256	yes				43			
85 PCB 108/124	326	23.20	104909	1.54	172878	0.155753	-0.00196	211	no	1.122	-
	PeCB 328	23.22	67969	yes				208			
86 PCB 107	326	23.41	321122	1.56	527352	0.464747	-0.00192	582	no	1.147	-
	PeCB 328	23.41	206230	yes				580			
87 PCB 123	326	23.52	35581	1.59	57901	0.057178	-0.00246	150	no	0.894	-
	PeCB 328	23.52	22319	yes				148			
88 PCB 106	326	NotFnd	*	*	*	-0.00181	-0.00181	*	no	1.218	-
	PeCB 328	23.64	*	no				*			
89 PCB 118	326	23.80	3808669	1.55	6270209	5.655233	-0.00224	7539	no	0.981	-
	PeCB 328	23.81	2461541	yes				7505			

90	PCB 122	326	24.10	35903	1.67	57430	0.053839	-0.00204	85	no	1.079	-
		PeCB 328	24.09	21527	yes				81			
									124	no	1.01	-
									120			
91	PCB 114	326	24.28	64726	1.56	106135	0.099116	-0.00225	2621	no	0.977	-
		PeCB 328	24.29	41409	yes				2588			
92	PCB 105	326	24.85	1386776	1.57	2271536	2.123758	-0.00179	3	yes	1.23	-
		PeCB 328	24.84	884760	yes				3			
93	PCB 127	326	26.21	1372	1.51	2281	0.001874	-0.00225	20	no	0.977	-
		PeCB 328	26.21	908	yes				20			
94	PCB 126	326	27.74	7256	1.48	12150	0.011805	-0.00135	*	no	0.997	-
		PeCB 328	27.73	4894	yes				*			
95	PCB 155	360	NotFnd	*	no	*	-0.00135	-0.00165	10	no	0.813	-
		HxCB 362	19.64	*	no				9			
96	PCB 152	360	19.80	1445	1.29	2565	0.003453	-0.00207	18	no	0.65	-
		HxCB 362	19.79	1119	yes				19			
97	PCB 150	360	19.90	3116	1.27	5573	0.009389	-0.00176	894	no	0.761	-
		HxCB 362	19.89	2456	yes				850			
98	PCB 136	360	20.19	151756	1.29	268900	0.386871	-0.00203	*	no	0.662	-
		HxCB 362	20.19	117144	yes				*			
99	PCB 145	360	NotFnd	*	no	*	-0.00203	-0.00244	12	no	0.551	-
		HxCB 362	20.42	*	no				12			
100	PCB 148	360	21.56	2237	1.33	3918	0.007791	-0.00259	1790	no	0.519	-
		HxCB 362	21.56	1680	yes				1716			
101	PCB 151/135	360	22.04	390751	1.3	692068	1.459952	-0.00217	134	no	0.618	-
		HxCB 362	22.05	301316	yes				131			
102	PCB 154	360	22.24	22986	1.28	40945	0.072557	-0.00239	271	no	0.562	-
		HxCB 362	22.23	17959	yes				260			
103	PCB 144	360	22.50	45511	1.29	80855	0.15748	-0.00441	3465	yes	0.662	-
		HxCB 362	22.52	35345	yes				3302			
104	PCB 147/149	360	22.81	1466025	1.29	2600351	4.299764	-0.00498	158	no	0.586	-
		HxCB 362	22.82	1134326	yes				146			
105	PCB 134/143	360	22.98	60401	1.37	104479	0.195268	-0.00429	79	no	0.68	-
		HxCB 362	23.07	44077	yes				76			
106	PCB 139/140	360	23.32	36864	1.29	65369	0.105322	-0.00544	37	no	0.537	-
		HxCB 362	23.33	28505	yes				36			
107	PCB 131	360	23.50	16546	1.33	29032	0.059204	-0.00466	*	no	0.626	-
		HxCB 362	23.50	12486	yes				*			
108	PCB 142	360	NotFnd	*	no	*	-0.00466	-0.0052	1026	no	0.561	-
		HxCB 362	23.66	*	no				987			
109	PCB 132	360	23.89	470818	1.29	836515	1.634815	-0.00444	72	no	0.657	-
		HxCB 362	23.89	365697	yes				69			
110	PCB 133	360	24.30	32781	1.29	58216	0.097073	-0.00382	*	no	0.765	-
		HxCB 362	24.33	25435	yes				*			
111	PCB 165	360	24.67	1447	1.22	2633	-0.00382	-0.00414	957	no	0.705	-
		HxCB 362	24.67	1185	no				904			
112	PCB 146	360	24.89	439846	1.29	781705	1.214839	-0.00301	*	no	0.97	-
		HxCB 362	24.87	341859	yes				*			
113	PCB 161	360	NotFnd	*	no	*	-0.00301	-0.00343	7084	no	0.852	-
		HxCB 362	25.02	*	no				6841			
114	PCB 153/168	360	25.44	3304175	1.29	5872824	7.549158	-0.00429	51	no	0.681	-
		HxCB 362	25.47	2568649	yes				53			
115	PCB 141	360	25.62	24654	1.26	44225	0.071098	-0.00473	245	no	0.617	-
		HxCB 362	25.61	19571	yes				242			
116	PCB 130	360	25.99	120791	1.28	215104	0.381923	-0.00481	63	no	0.607	-
		HxCB 362	26.00	94312	yes				62			
117	PCB 137	360	26.21	29416	1.26	52776	0.095185	-0.0032	58	no	0.913	-
		HxCB 362	26.20	23360	yes				55			
118	PCB 164	360	26.31	27320	1.3	48304	0.057955	-0.00414	5947	no	0.705	-
		HxCB 362	26.29	20984	yes				5775			
119	PCB 138/163/129	360	26.60	2942363	1.29	5230294	8.131589	-0.00355	*	no	0.822	-
		HxCB 362	26.61	2287932	yes				*			
120	PCB 160	360	NotFnd	*	no	*	-0.00355	-0.00291	643	no	1.004	-
		HxCB 362	26.79	*	no				611			
121	PCB 158	360	26.97	312075	1.3	551450	0.601408	-0.00377	705	no	0.774	-
		HxCB 362	26.97	239375	yes				672			
122	PCB 128/166	360	27.81	371725	1.29	659471	0.933472	-0.00222	*	no	1.179	-
		HxCB 362	27.80	287746	yes				*			
123	PCB 159	360	NotFnd	*	no	*	-0.00222	-0.00238	28	yes	1.101	-
		HxCB 362	28.77	*	no				26			
124	PCB 162	360	29.06	12199	1.29	21621	0.021503	-0.00277	373	no	0.946	-
		HxCB 362	29.06	9422	yes				367			
125	PCB 167	360	29.54	195013	1.27	348695	0.303186	-0.00258	565	no	1.017	-
		HxCB 362	29.54	153683	yes				550			
126	PCB 156/157	360	30.69	329871	1.26	590909	0.519592	-0.00275	*	no	0.954	-
		HxCB 362	30.72	261038	yes				*			
127	PCB 169	360	NotFnd	*	no	*	-0.00275	-0.00092	10	no	1.012	-
		HxCB 362	34.12	*	no				11			
128	PCB 188	394	24.23	1202	1.16	2241	0.003645	-0.00089	1297	no	1.047	-
		HpCB 396	24.24	1039	yes				1282			
129	PCB 179	394	24.53	151981	1.08	292768	0.371581	-0.00097	*	no	0.961	-
		HpCB 396	24.53	140787	yes				*			
130	PCB 184	394	NotFnd	*	no	*	-0.00097	-0.00091	350	no	1.027	-
		HpCB 396	25.01	*	no				339			
131	PCB 176	394	25.33	42166	1.08	81196	0.105074	-0.00104	*	no	0.899	-
		HpCB 396	25.33	39030	yes				*			
132	PCB 186	394	NotFnd	*	no	*	-0.00104	-0.00129	558	no	0.722	-
		HpCB 396	25.76	*	no				554			
133	PCB 178	394	27.01	68091	1.06	132132	0.243202	-0.00124	94	no	0.753	-
		HpCB 396	27.02	64041	yes				95			
134	PCB 175	394	27.63	11504	1.04	22540	0.039817	-0.00129	4356	no	0.723	-
		HpCB 396	27.63	11036	yes				4306			
135	PCB 187	394	27.88	538821	1.07	1044597	1.919855	-0.00125	*	no	0.747	-
		HpCB 396	27.89	505775	yes				*			
136	PCB 182	394	NotFnd	*	no	*	-0.00125		*			
		HpCB 396	28.11	*	no							

137 PCB 183	394	28.49	343843	1.08	662558	0.758281	-0.0026	891	yes	1.162	-	
	HpCB 396	28.51	318715	yes	*	-0.00355	-0.00355	872	*	no	0.851	-
138 PCB 185	394	NotFnd	*	*	*			*	*	no	0.851	-
	HpCB 396	28.57	*	no				4	no	0.97	-	
139 PCB 174	394	28.72	1180	1.03	2327	0.003189	-0.00312	5	no	0.943	-	
	HpCB 396	28.73	1147	yes				585	no	0.943	-	
140 PCB 177	394	29.15	231165	1.09	443695	0.625517	-0.00321	569	no	0.892	-	
	HpCB 396	29.15	212530	yes	*	-0.00339	-0.00339	*	no	0.892	-	
141 PCB 181	394	NotFnd	*	*	*			*	*	no	0.892	-
	HpCB 396	29.57	*	no				281	no	0.948	-	
142 PCB 171/173	394	29.79	108412	1.07	209531	0.29374	-0.00319	271	no	0.95	-	
	HpCB 396	29.79	101119	yes				10	no	0.95	-	
143 PCB 172	394	31.44	3888	1.06	7570	0.010595	-0.00318	10	no	1.085	-	
	HpCB 396	31.43	3683	yes	*	-0.00279	-0.00279	*	no	1.085	-	
144 PCB 192	394	NotFnd	*	*	*			*	*	no	1.085	-
	HpCB 396	31.75	*	no				688	no	1.383	-	
145 PCB 193/180	394	32.14	295143	1.08	569495	0.649533	-0.00219	677	no	1.352	-	
	HpCB 396	32.07	274352	yes				14	yes	1.352	-	
146 PCB 191	394	32.49	5606	1.06	10888	0.010704	-0.00224	13	no	1.271	-	
	HpCB 396	32.49	5282	yes				90	no	1.271	-	
147 PCB 170	394	33.44	40584	1.08	78100	0.109763	-0.00238	92	no	1.345	-	
	HpCB 396	33.46	37516	yes				82	no	1.345	-	
148 PCB 190	394	34.03	35330	1.05	68999	0.068214	-0.00225	82	no	0.944	-	
	HpCB 396	34.03	33669	yes				53	no	0.944	-	
149 PCB 189	394	36.88	13607	1.04	26725	0.023458	-0.0011	53	no	0.988	-	
	HpCB 396	36.89	13118	yes				90	no	0.988	-	
150 PCB 202	428	29.27	53842	0.9	113667	0.20211	-0.00647	88	no	0.997	-	
	OcCB 430	29.28	59825	yes				40	no	0.997	-	
151 PCB 201	428	30.20	25154	0.88	53709	0.077462	-0.00641	41	no	0.962	-	
	OcCB 430	30.19	28554	yes	*	-0.00664	-0.00664	*	no	0.962	-	
152 PCB 204	428	NotFnd	*	*	*			*	*	no	0.962	-
	OcCB 430	30.89	*	no				11	no	0.876	-	
153 PCB 197	428	31.12	7470	0.9	15732	0.025806	-0.00729	11	no	1.006	-	
	OcCB 430	31.13	8262	yes	*	-0.00635	-0.00635	*	no	1.006	-	
154 PCB 200	428	NotFnd	*	*	*			*	*	no	1.006	-
	OcCB 430	31.25	*	no				*	no	0.654	-	
155 PCB 198/199	428	34.21	1884	0.88	4025	-0.00977	-0.00977	*	no	0.674	-	
	OcCB 430	34.20	2141	no				*	no	0.674	-	
156 PCB 196	428	34.91	1502	0.88	3208	-0.00948	-0.00948	*	no	0.659	-	
	OcCB 430	34.91	1706	no				15	no	0.659	-	
157 PCB 203	428	35.13	10475	0.89	22274	0.048603	-0.0097	16	no	1.005	-	
	OcCB 430	35.11	11799	yes				8	no	1.005	-	
158 PCB 195	428	36.58	2334	0.94	4821	0.006897	-0.00199	8	no	1.091	-	
	OcCB 430	36.58	2487	yes				53	no	1.091	-	
159 PCB 194	428	39.21	16038	0.95	32888	0.043333	-0.00183	6	no	1.091	-	
	OcCB 430	39.20	16850	yes				6	no	1.023	-	
160 PCB 205	428	39.74	1810	0.96	3703	0.004131	-0.00183	6	no	1.023	-	
	OcCB 430	39.76	1893	yes	*	-0.00282	-0.00282	*	no	1.023	-	
161 PCB 208	462	NotFnd	*	*	*			*	*	no	1.32	-
	NoCB 464	36.31	*	no				*	no	1.32	-	
162 PCB 207	462	NotFnd	*	*	*			*	*	no	1.32	-
	NoCB 464	37.33	*	no				6	no	1.027	-	
163 PCB 206	462	41.74	1482	0.81	3322	0.007307	-0.00281	5	no	1.04	-	
	NoCB 464	41.71	1839	yes				26	no	1.04	-	
164 PCB 209	498	43.57	2263	1.18	4181	0.011078	-0.00106	25	no	0.824	74	
	DCB 500	43.55	1918	yes				10525	no	0.824	74	
165 PCB 1L	200	8.98	176403	3.45	227526	0.187999	0	380	no	0.852	73	
	202	8.98	51123	yes				11064	no	0.852	73	
166 PCB 3L	200	10.17	179450	3.53	230326	0.183933	0	393	no	0.543	53	
	202	10.17	50877	yes				3593	no	0.543	53	
167 PCB 4L	234	10.29	67166	1.66	107523	0.134878	0	4088	no	1.074	77	
	236	10.29	40358	yes				2213	no	1.074	77	
168 PCB 15L	234	12.94	190832	1.64	307501	0.194826	0	934	no	0.578	60	
	236	12.92	116669	yes				573	no	0.578	60	
169 PCB 19L	268	11.67	67491	1.1	129056	0.151919	0.001	789	no	1.987	106	
	270	11.67	61565	yes				303	no	1.987	106	
170 PCB 37L	268	16.69	188211	1.05	367625	0.269838	0.002	816	no	1.297	58	
	270	16.68	179414	yes				911	no	1.297	58	
171 PCB 54L	302	13.07	57991	0.79	131126	0.147382	0	3833	no	1.738	102	
	304	13.07	73135	yes				983	no	1.738	102	
172 PCB 81L	302	21.42	137588	0.81	307529	0.258028	0	2368	no	1.677	98	
	304	21.41	169940	yes				880	no	1.677	98	
173 PCB 77L	302	21.86	126579	0.79	286355	0.248974	0	2221	no	1.156	74	
	304	21.84	159776	yes				5645	no	1.156	74	
174 PCB 104L	338	15.92	84373	1.7	133920	0.188419	0	4513	no	1.936	95	
	340	15.94	49548	yes				3056	no	1.936	95	
175 PCB 123L	338	23.50	177791	1.63	287170	0.2412	0	1913	no	1.906	96	
	340	23.52	109379	yes				3070	no	1.906	96	
176 PCB 118L	338	23.78	177373	1.63	286548	0.244474	0	1913	no	1.773	97	
	340	23.77	109175	yes				2773	no	1.773	97	
177 PCB 114L	338	24.27	165876	1.61	268863	0.246588	0	1780	no	1.822	98	
	340	24.27	102986	yes				2861	no	1.822	98	
178 PCB 105L	338	24.82	170737	1.59	277833	0.247885	0	1831	no	1.735	99	
	340	24.82	107096	yes				2576	no	1.735	99	
179 PCB 126L	338	27.70	164547	1.6	267303	0.250435	0	1626	no	1.404	65	
	340	27.69	102757	yes				6354	no	1.404	65	
180 PCB 155L	372	19.62	81618	1.28	145176	0.166096	0	3702	no	2.11	93	
	374	19.62	63558	yes				1465	no	2.11	93	
181 PCB 167L	372	29.51	172229	1.26	308432	0.234743	0	1447	no	1.921	93	
	374	29.50	136203	yes				2196	no	1.921	93	
182 PCB 156L/157L	372	30.69	318748	1.28	567265	0.474202	0	2139	no	1.886	63	
	374	30.70	248517	yes				827	no	1.886	63	
183 PCB 169L	372	34.09	106303	1.28	189003	0.160899	0.001	819	no	1.886	63	
	374	34.08	82700	yes								

184 PCB 188L	406	24.21	80776	1.1	154118	0.18616	0	4383	no	1.329	73
	408	24.22	73341	yes				3713			
185 PCB 180L	406	32.10	83904	1.09	160865	0.192517	0	1500	no	1.349	76
	408	32.10	76960	yes				1800			
186 PCB 170L	406	33.43	73429	1.07	142009	0.194206	0	1333	yes	1.18	77
	408	33.43	68579	yes				1591			
187 PCB 189L	406	36.85	156827	1.05	306216	0.229087	0	2798	no	2.157	90
	408	36.84	149389	yes				2378			
188 PCB 202L	440	29.26	69330	0.92	144454	0.164244	0	4091	no	1.419	65
	442	29.28	75124	yes				3983			
189 PCB 205L	440	39.72	98814	0.9	208471	0.219717	0	1684	no	1.531	87
	442	39.74	109657	yes				1926			
190 PCB 208L	474	36.28	58655	0.81	131426	0.186155	0	1849	no	1.139	73
	476	36.29	72771	yes				2225			
191 PCB 206L	474	41.71	49213	0.78	112326	0.238674	0	1388	no	0.76	94
	476	41.74	63113	yes				1671			
192 PCB 209L	510	43.55	52496	1.33	92060	0.205125	0	4252	no	0.724	81
	512	43.54	39564	yes				1916			
193 PCB 28L	268	14.40	245650	1.06	478167	0.341899	0.002	447	no	2.039	121
PCB Cleanup Standard	270	14.42	232517	yes				1209			
194 PCB 111L	338	21.84	148706	1.62	240767	0.291485	0	3933	no	1.343	104
PCB Cleanup Standard	340	21.85	92061	yes				4706			
195 PCB 178L	406	26.99	65481	1.1	124862	0.273563	0	3425	no	0.733	97
PCB Cleanup Standard	408	26.98	59381	yes				2931			
196 PCB 31L	268	NotFnd	*	*	*	*	0.002		no	1.934	
PCB Audit Standard	270	14.25	*	no							
197 PCB 95L	338	NotFnd	*	*	*	*	0		no	0.946	
PCB Audit Standard	340	17.74	*	no							
198 PCB 153L	372	NotFnd	*	*	*	*	0		no	1.225	
PCB Audit Standard	374	25.41	*	no							
199 PCB 9L	234	11.19	1273320	1.6	2070116	13.47634	-	16463	no	-	-
PCB Recovery Standard	236	11.19	796796	yes				7209			
200 PCB 52L	302	15.36	428881	0.8	966357	9.72331	-	6484	no	-	-
PCB Recovery Standard	304	15.36	537476	yes				10415			
201 PCB 101L	338	19.78	535400	1.62	866619	10.021	-	14972	no	-	-
PCB Recovery Standard	340	19.76	331218	yes				17724			
202 PCB 138L	372	26.58	496737	1.3	877511	10.35242	-	9389	no	-	-
PCB Recovery Standard	374	26.56	380774	yes				10273			
203 PCB 194L	440	39.19	422530	0.94	873087	10.25641	-	7226	no	-	-
PCB Recovery Standard	442	39.17	450557	yes				7957			
Chlorobiphenyls							2	-0.00084			
Dichlorobiphenyls							8	-0.00404			
Trichlorobiphenyls							16	-0.00358			
Tetrachlorobiphenyls							26	-0.00249			
Pentachlorobiphenyls							26	-0.00258			
Hexachlorobiphenyls							25	-0.00544			
Heptachlorobiphenyls							16	-0.00355			
Octachlorobiphenyls							7	-0.00977			
Nonachlorobiphenyls							1	-0.00282			
Decachlorobiphenyl							1	-0.00106			
PCB (total)								99.23997			

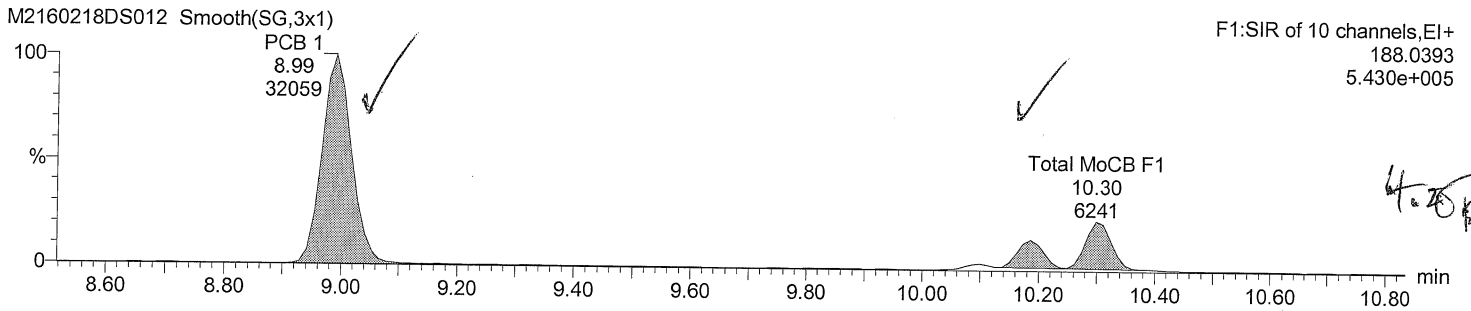
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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

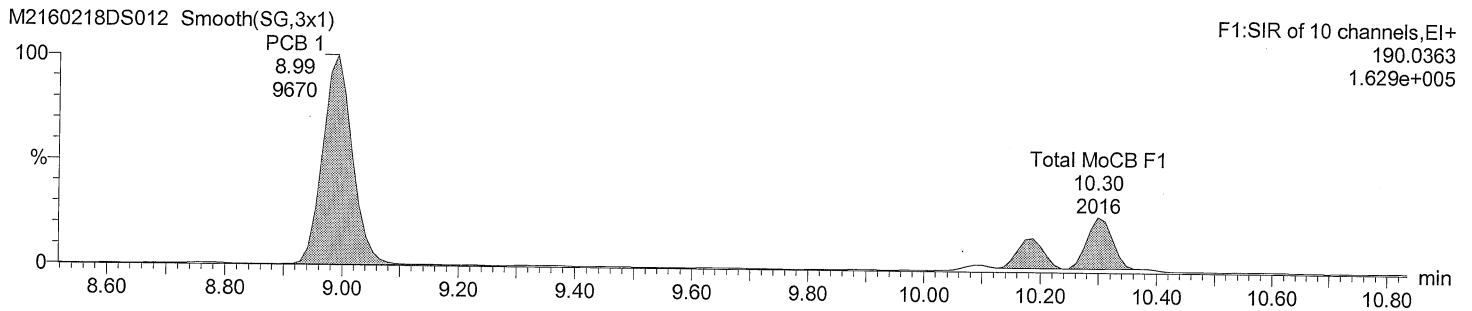
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ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

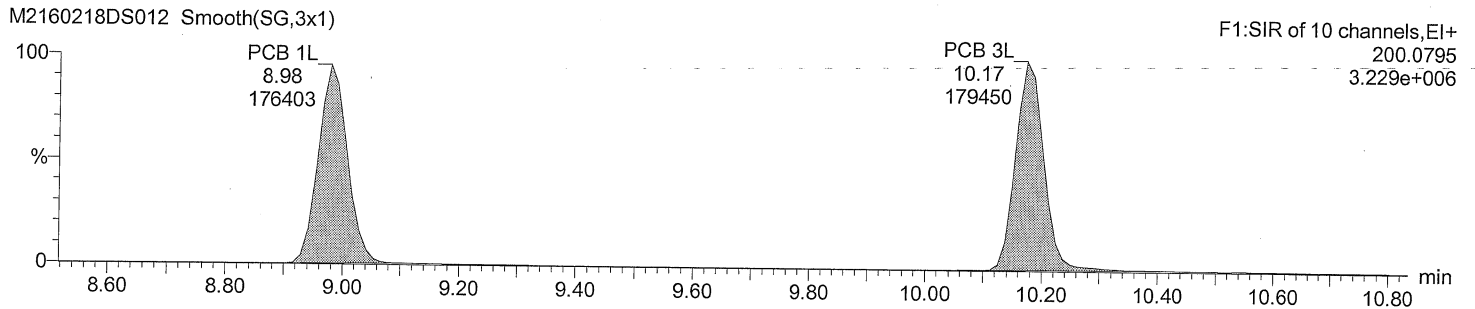
Total MoCB F1



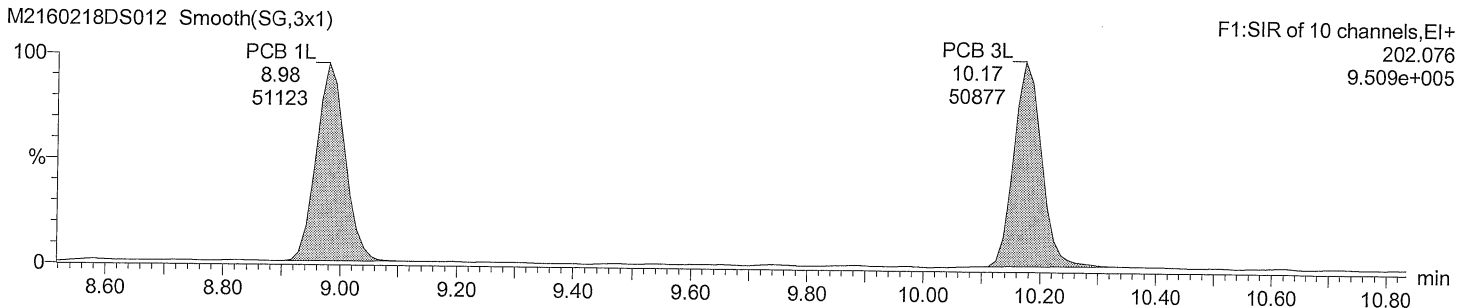
Total MoCB F1



Total MoCB labeled F1



Total MoCB labeled F1



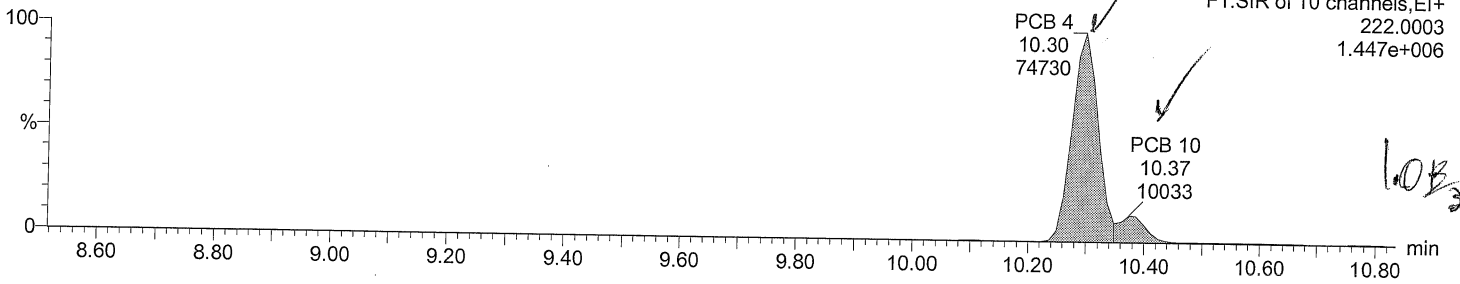
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

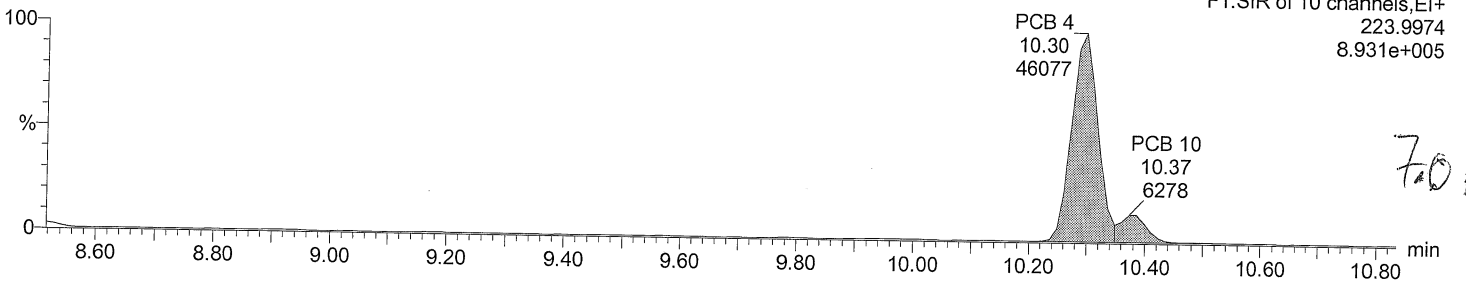
Total DiCB F1

M2160218DS012 Smooth(SG,3x1)



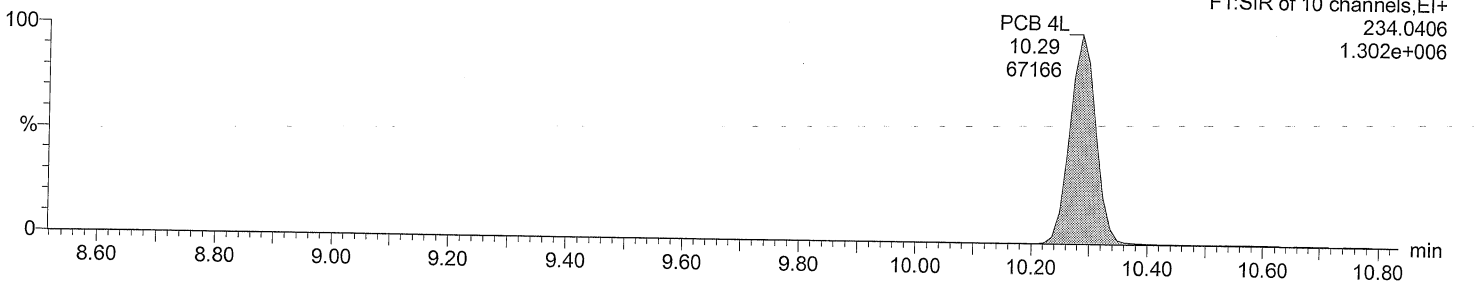
Total DiCB F1

M2160218DS012 Smooth(SG,3x1)



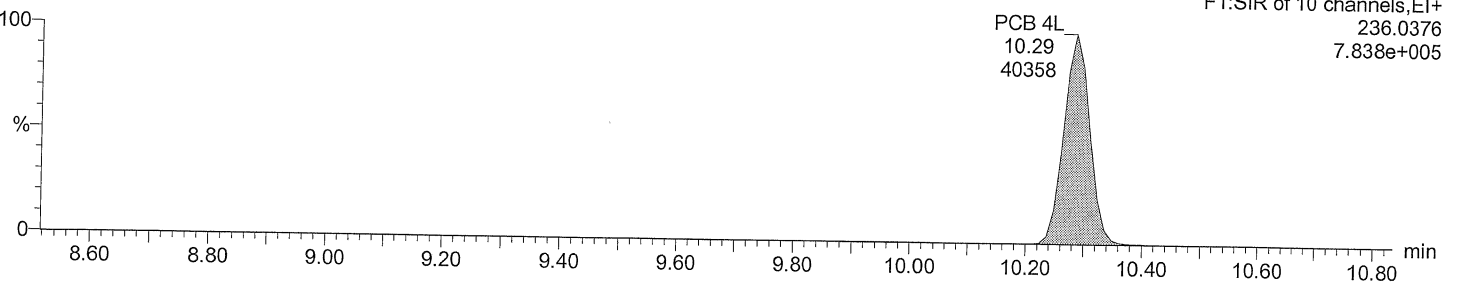
Total DiCB labeled F1

M2160218DS012 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

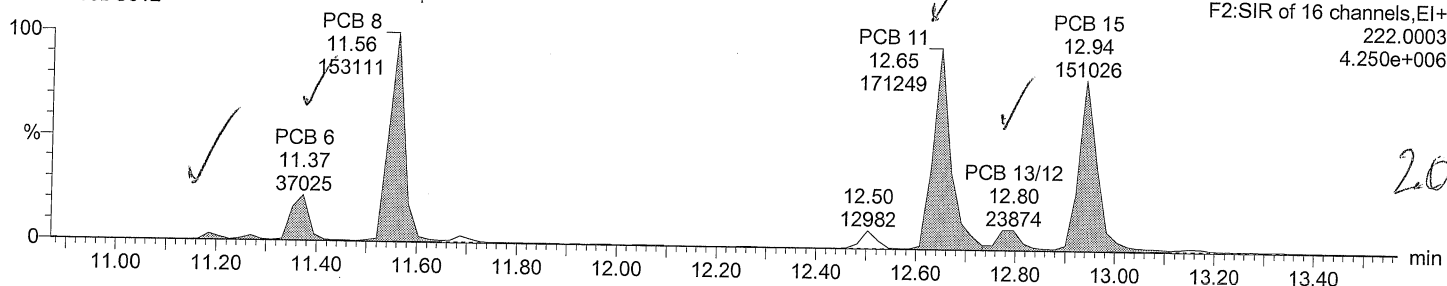
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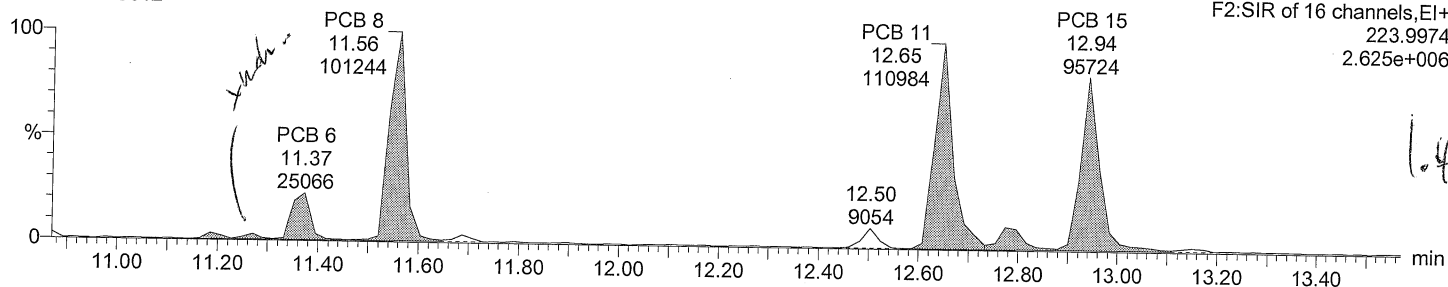
Total DiCB F2

M2160218DS012



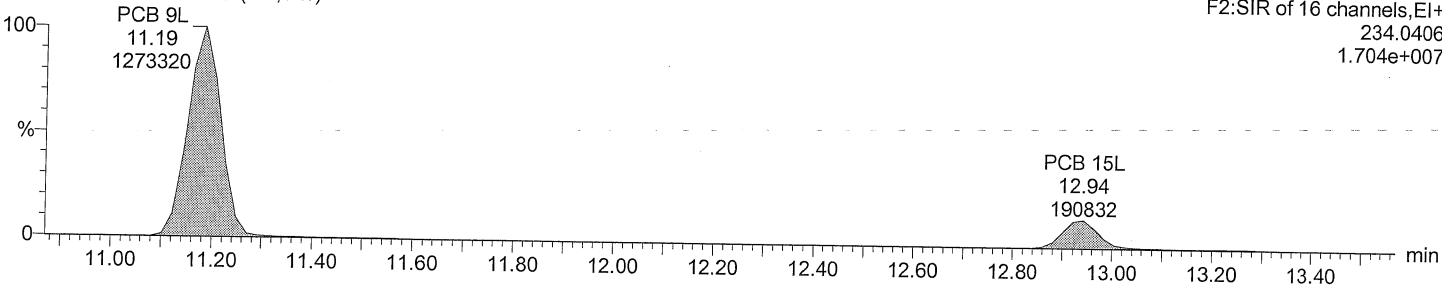
Total DiCB F2

M2160218DS012



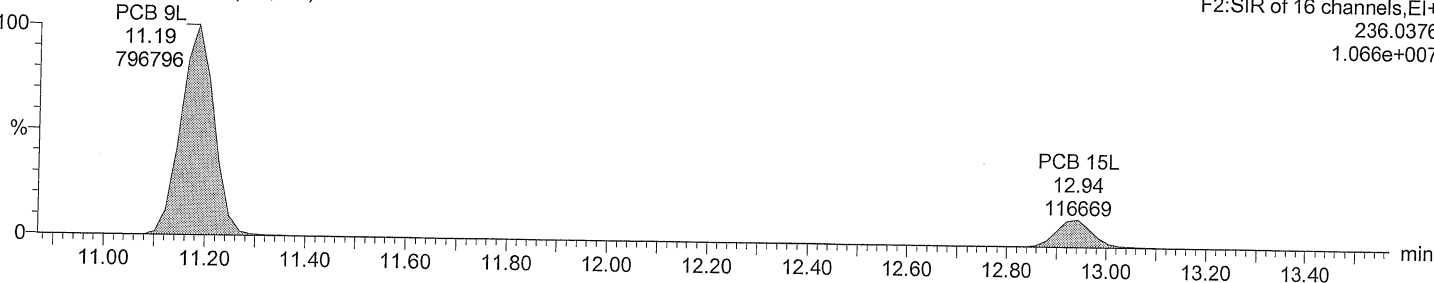
Total DiCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS012 Smooth(SG,3x1)

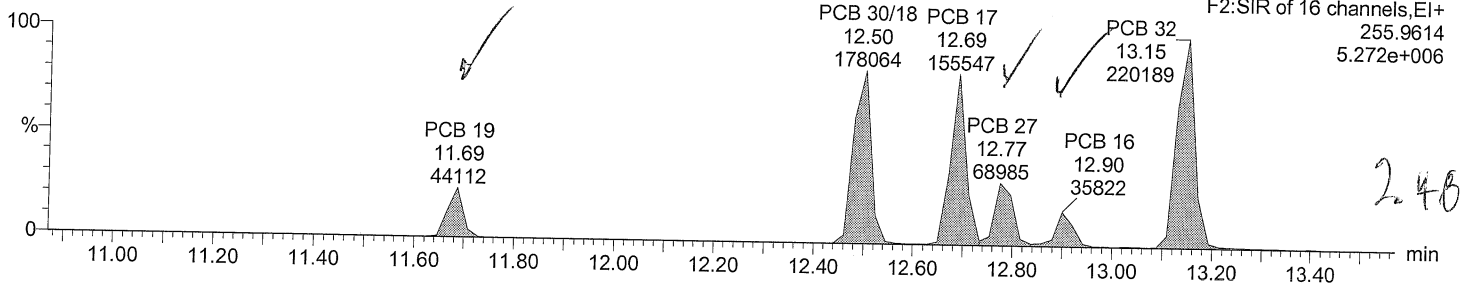


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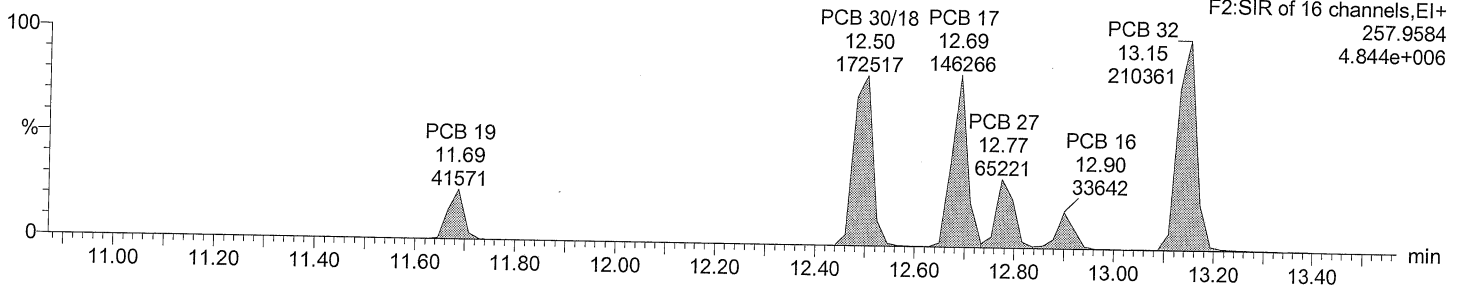
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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

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Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

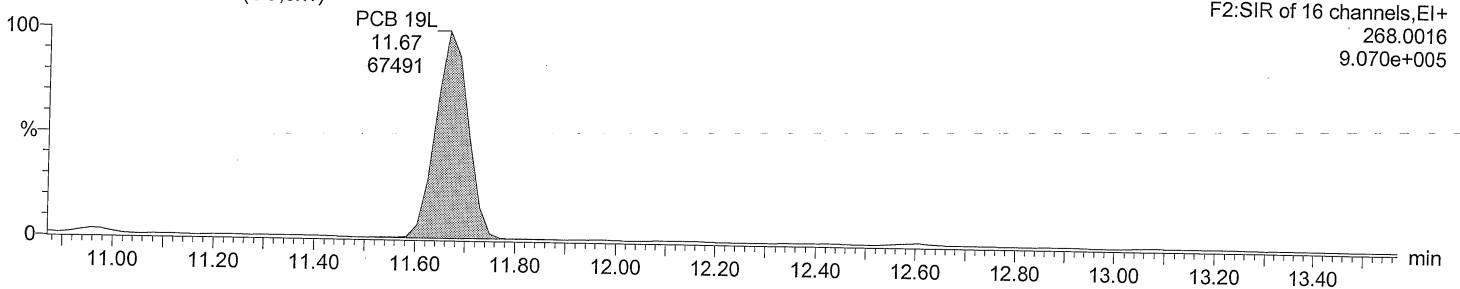
Total TriCB F2
M2160218DS012



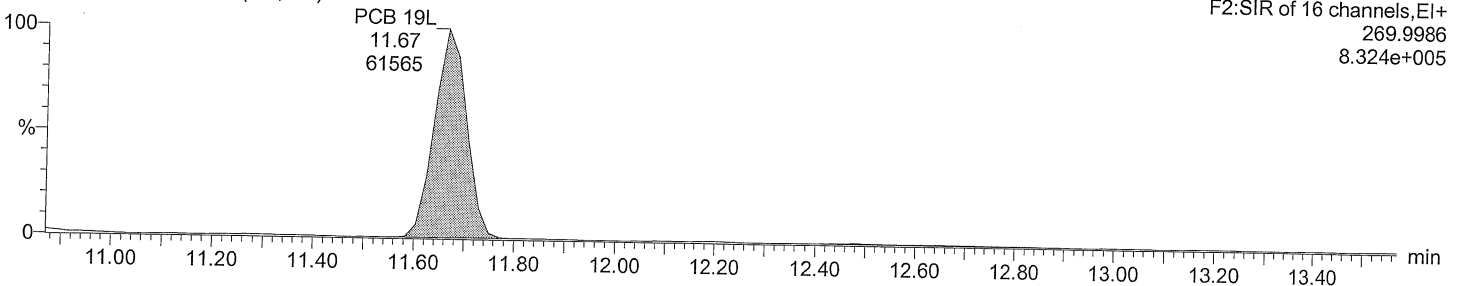
Total TriCB F2
M2160218DS012



Total TriCB labeled F2
M2160218DS012 Smooth(SG,3x1)



Total TriCB labeled F2
M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

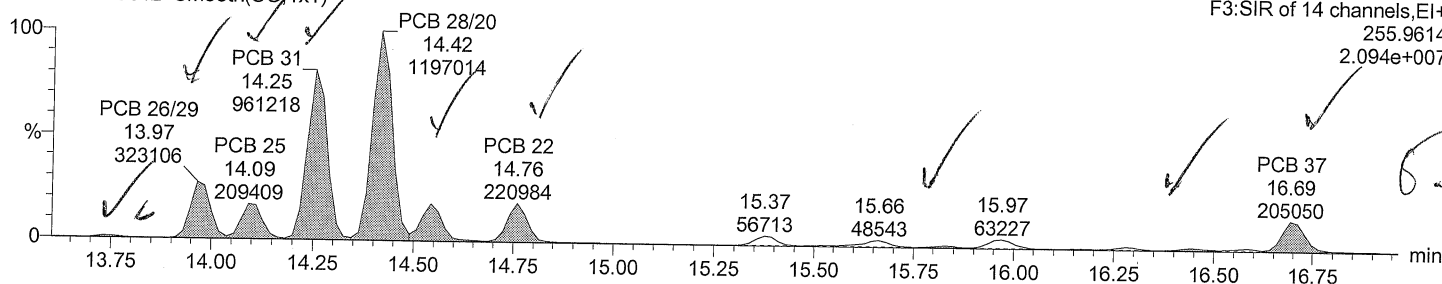
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Time: 03:39:40

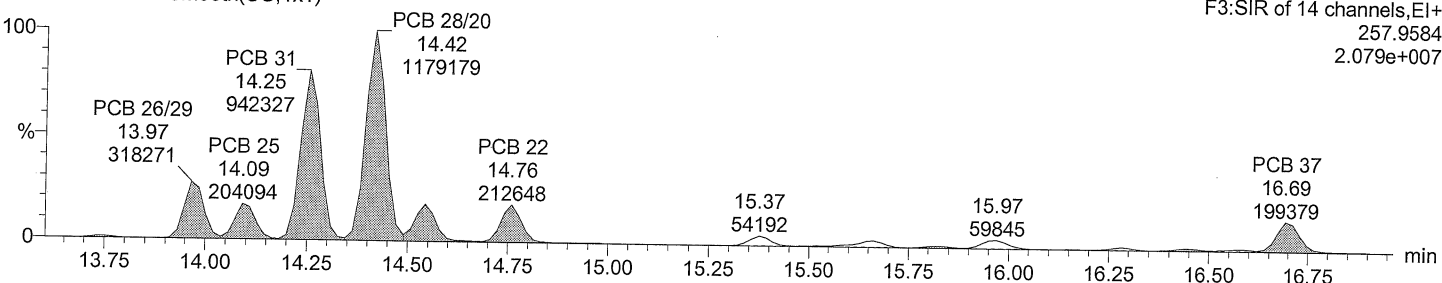
Total TriCB F3

M2160218DS012 Smooth(SG,1x1)



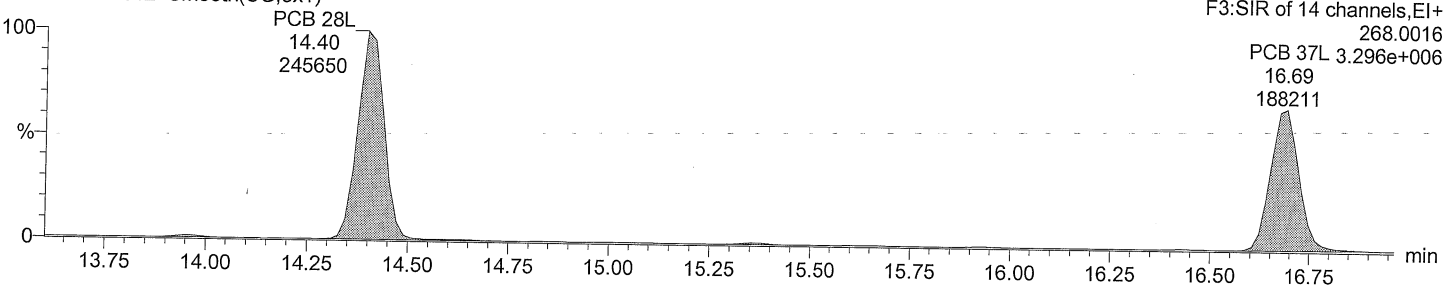
Total TriCB F3

M2160218DS012 Smooth(SG,1x1)



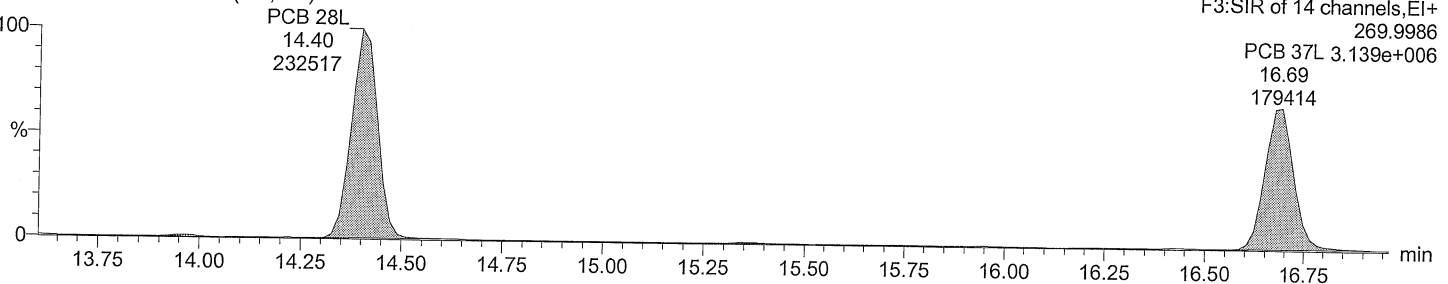
Total TriCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

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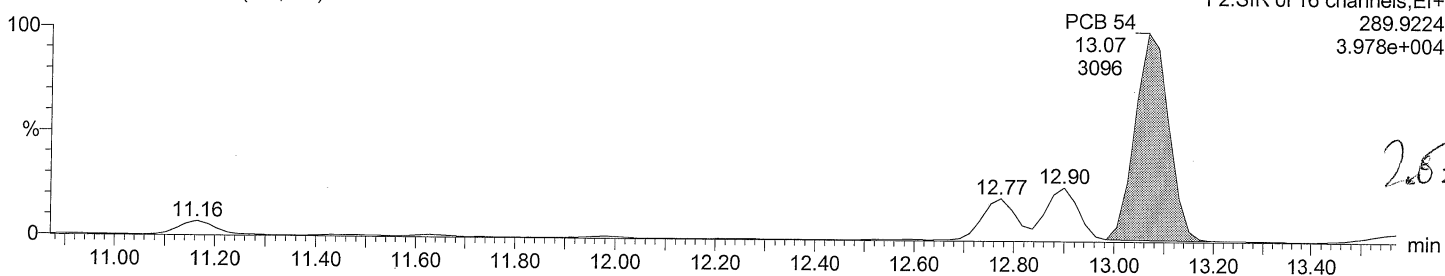
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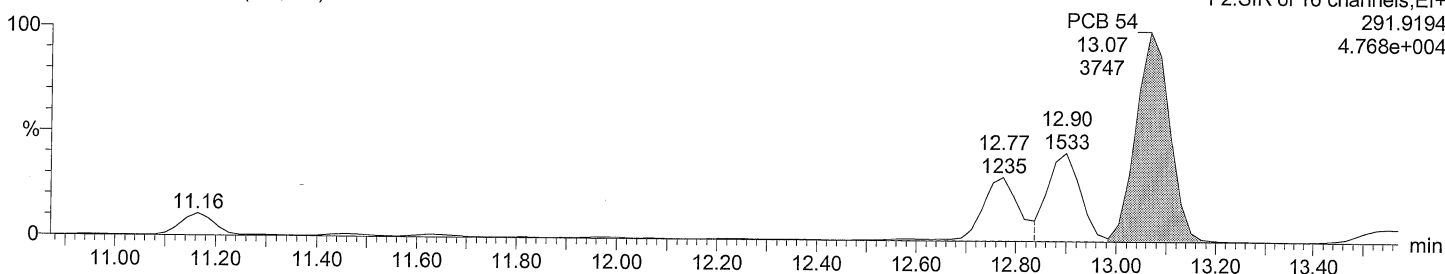
Total TeCB F2

M2160218DS012 Smooth(SG,3x1)



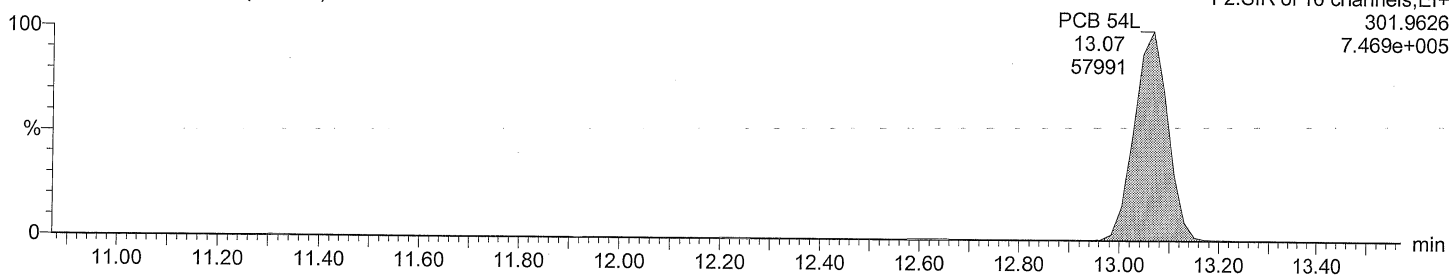
Total TeCB F2

M2160218DS012 Smooth(SG,3x1)



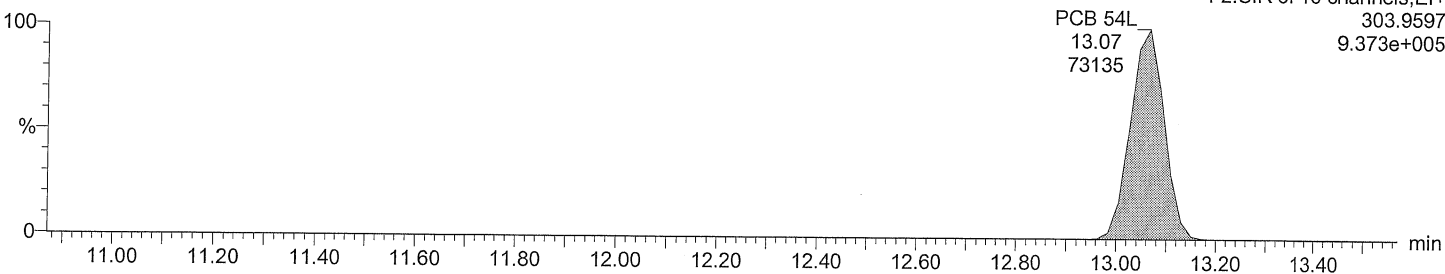
Total TeCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

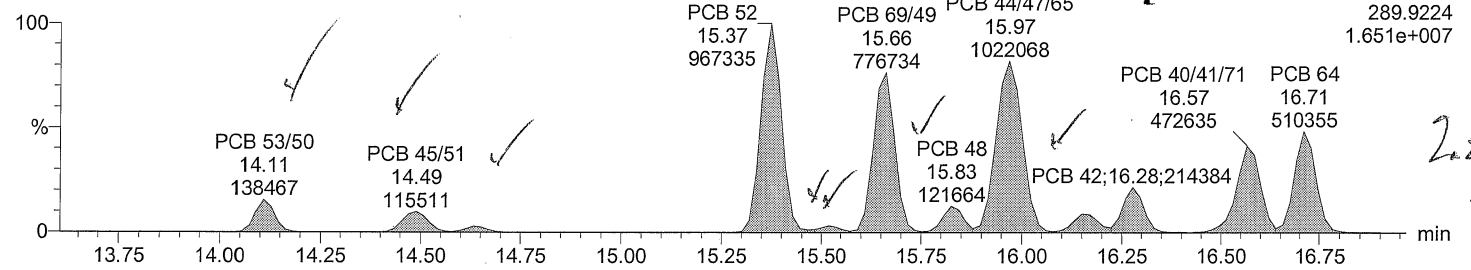
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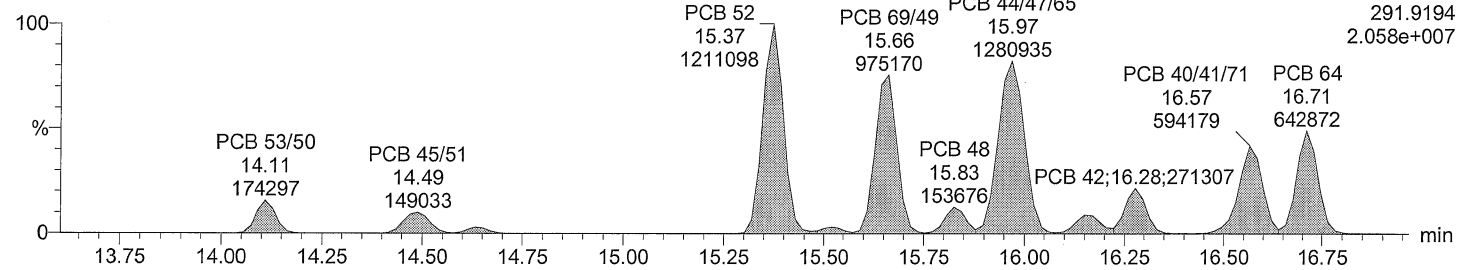
Total TeCB F3

M2160218DS012 Smooth(SG,1x1)



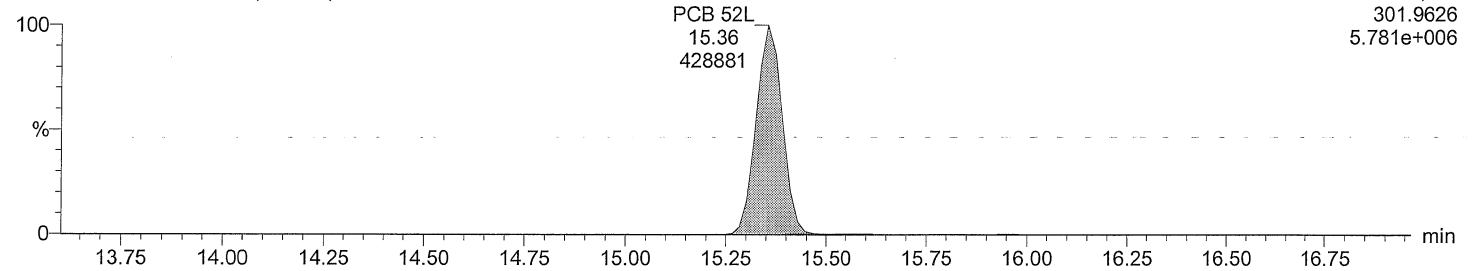
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M2160218DS012 Smooth(SG,1x1)



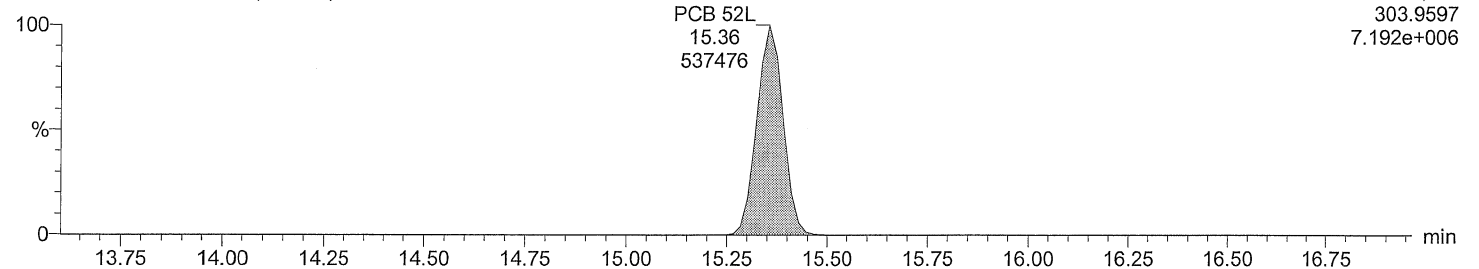
Total TeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
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ID: WS#4386412/4378609, Ti

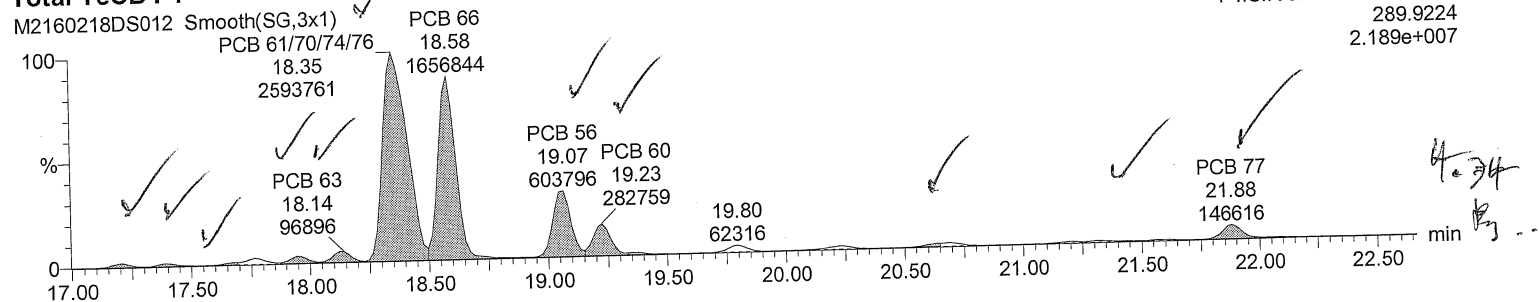
Description: REF MAT

Vial: 12

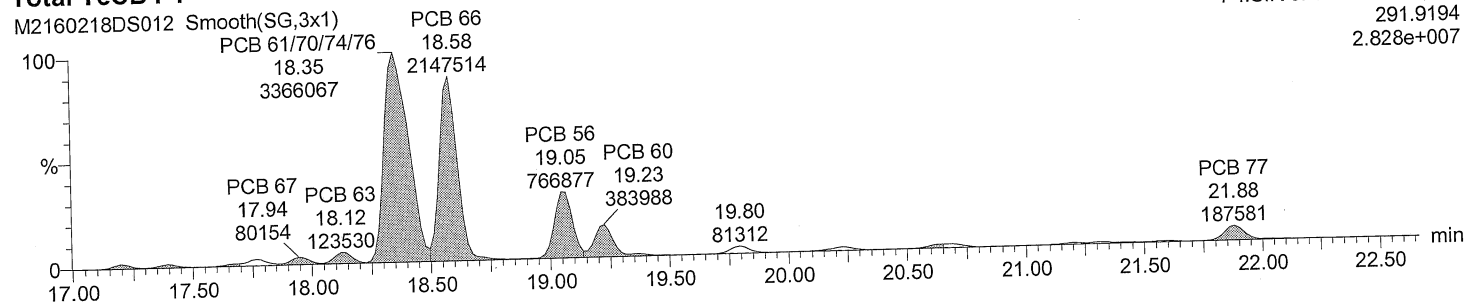
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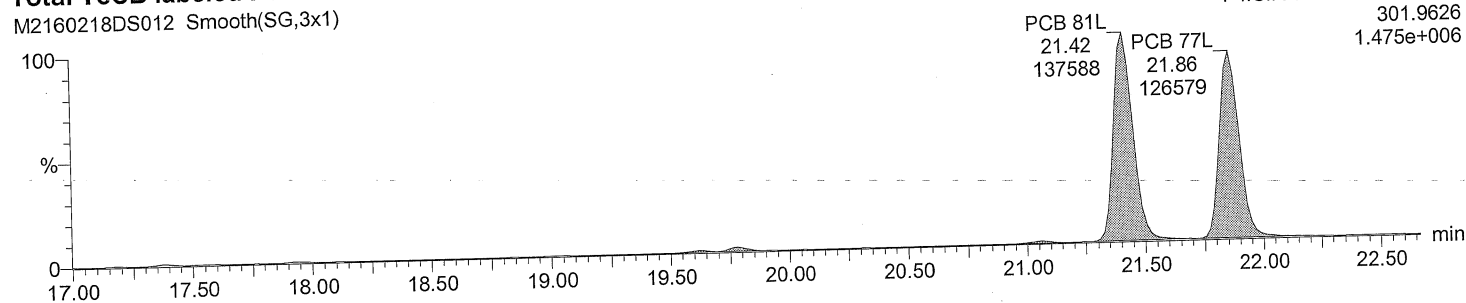
Total TeCB F4



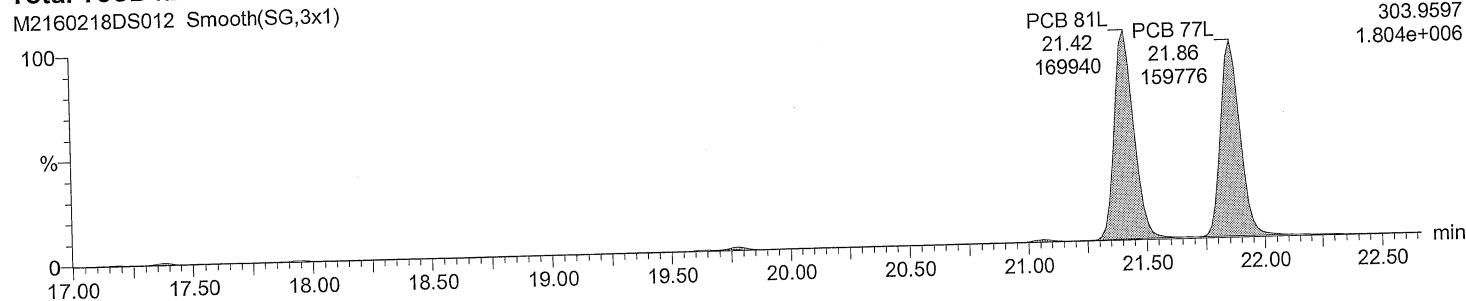
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

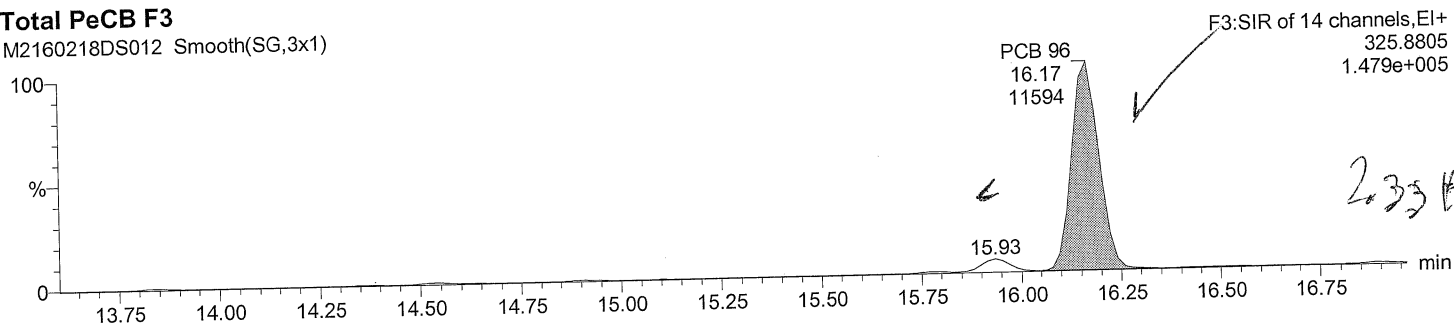
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 Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

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Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

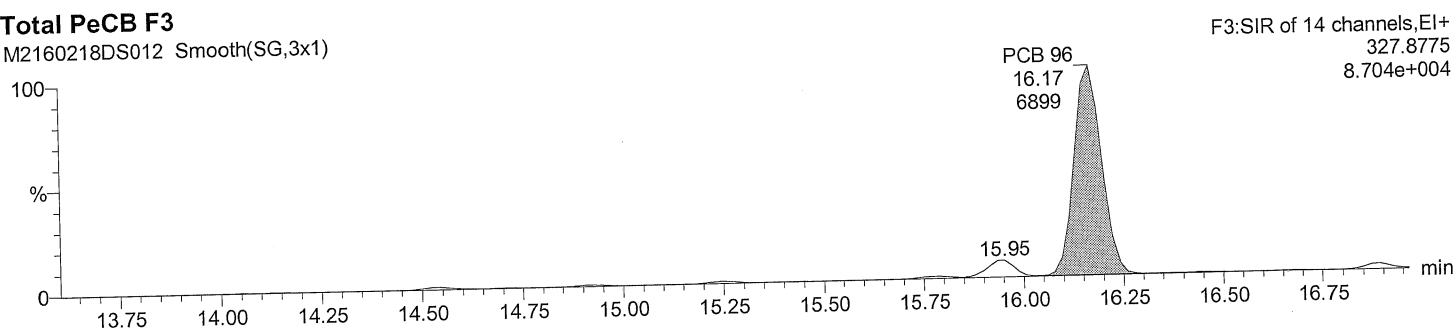
Total PeCB F3

M2160218DS012 Smooth(SG,3x1)



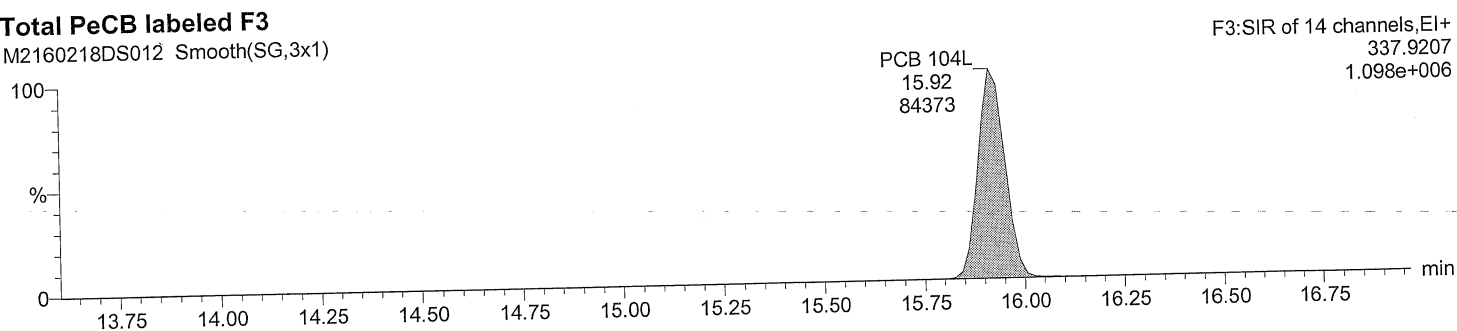
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M2160218DS012 Smooth(SG,3x1)



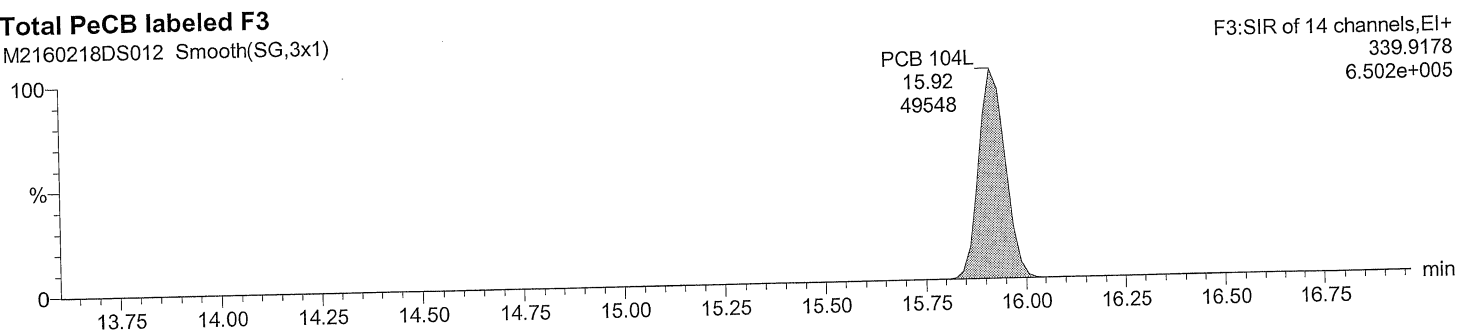
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M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



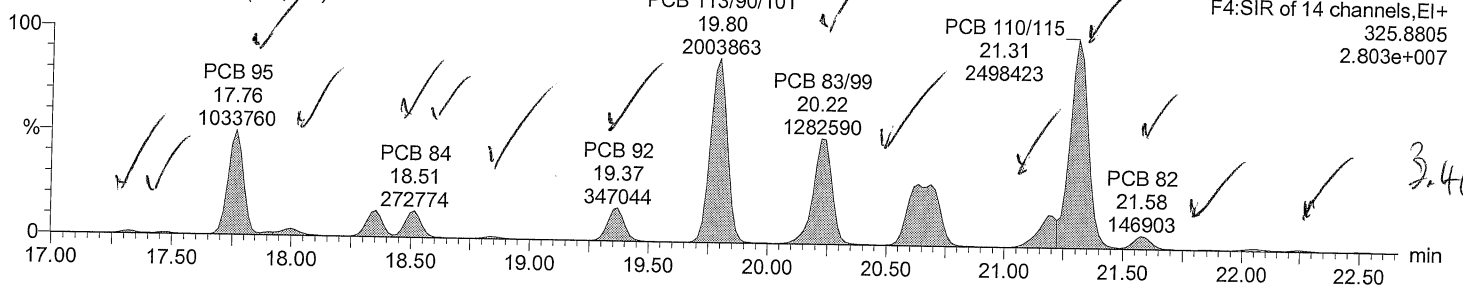
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ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

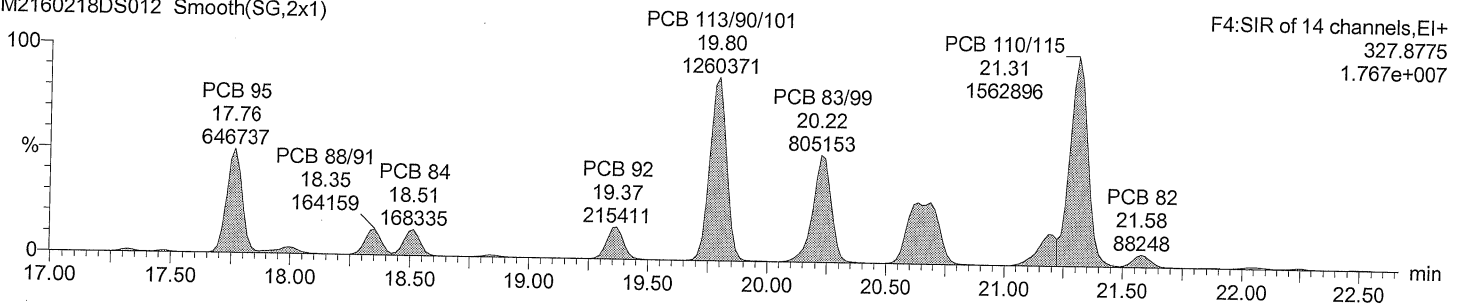
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M2160218DS012 Smooth(SG,2x1)



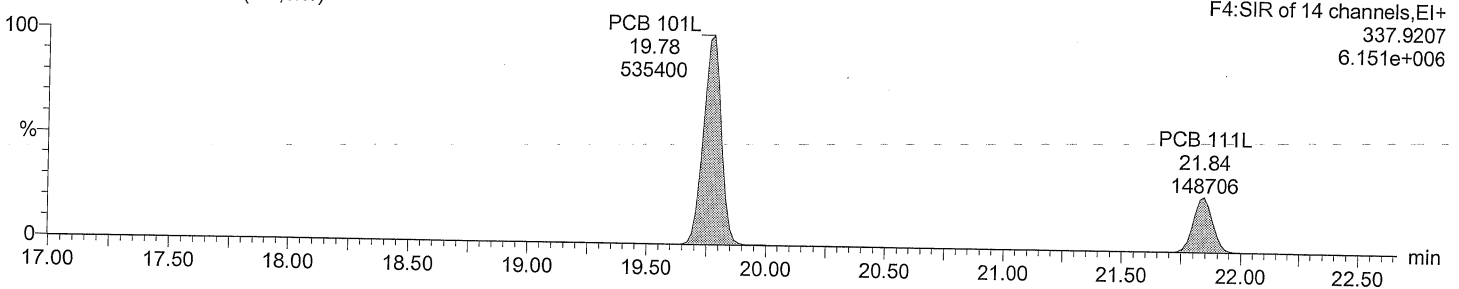
Total PeCB F4

M2160218DS012 Smooth(SG,2x1)



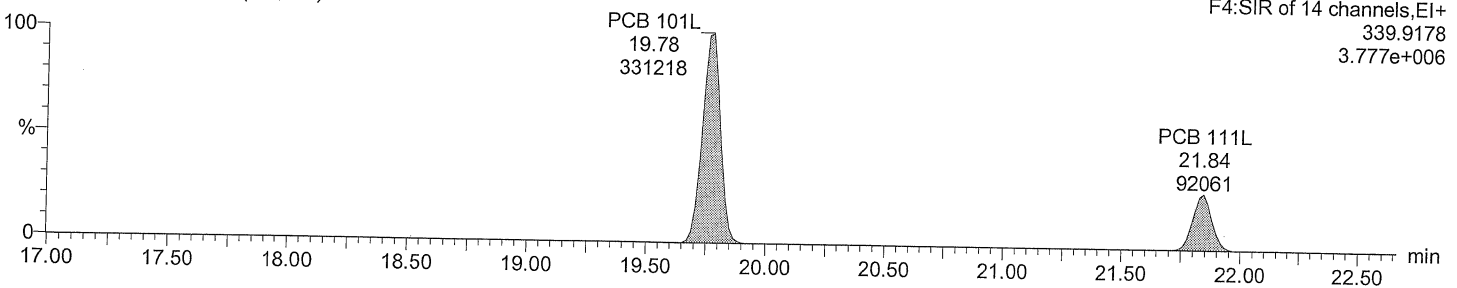
Total PeCB labeled F4

M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

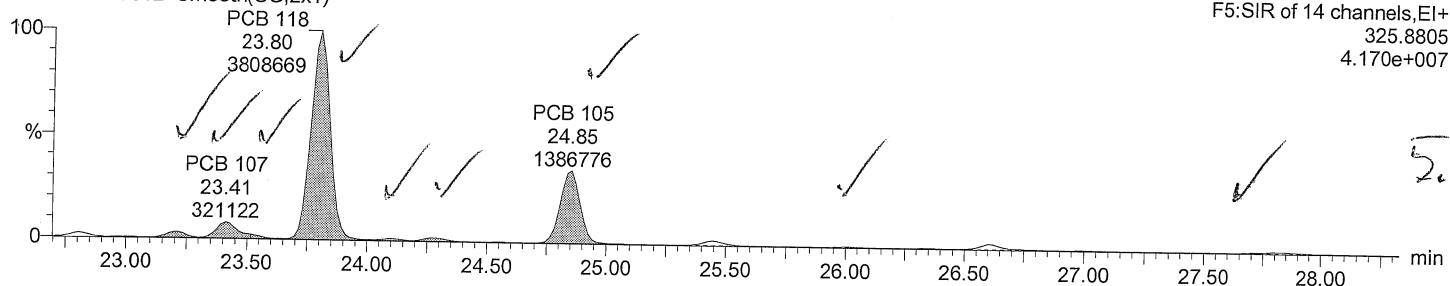
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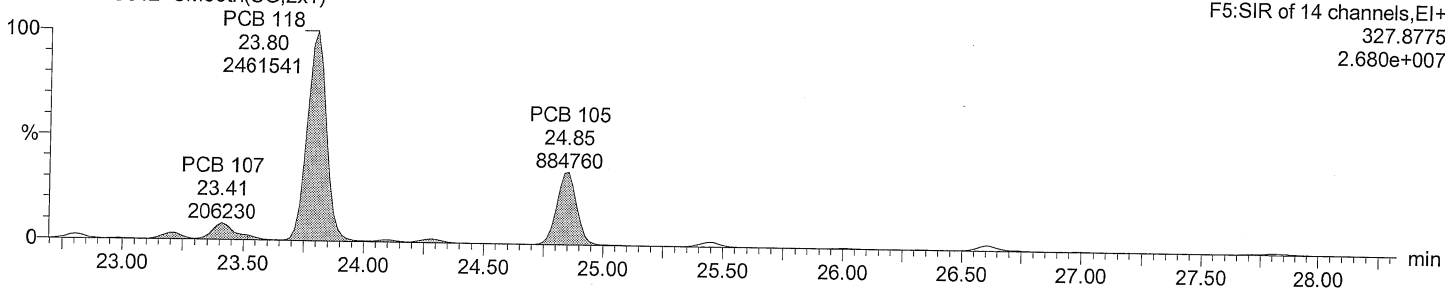
Total PeCB F5

M2160218DS012 Smooth(SG,2x1)



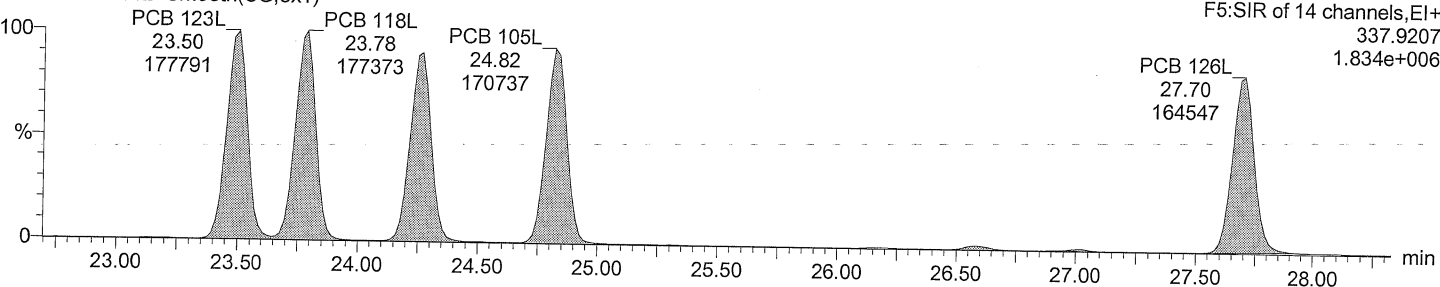
Total PeCB F5

M2160218DS012 Smooth(SG,2x1)



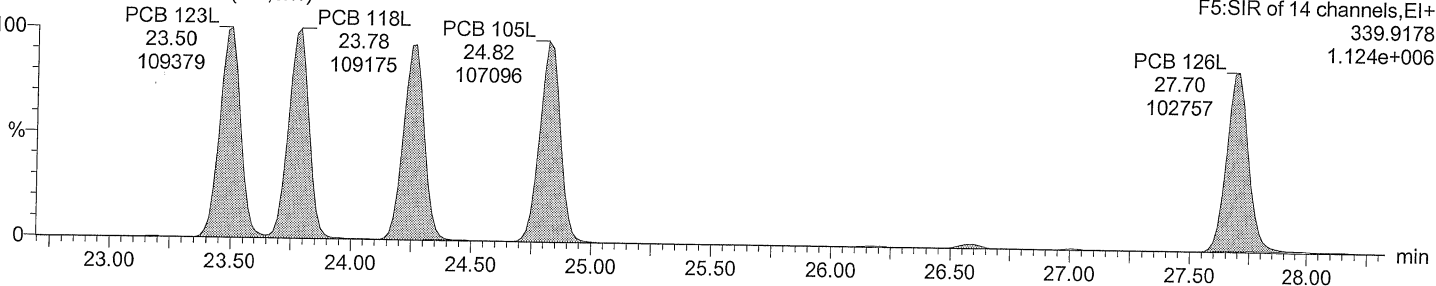
Total PeCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

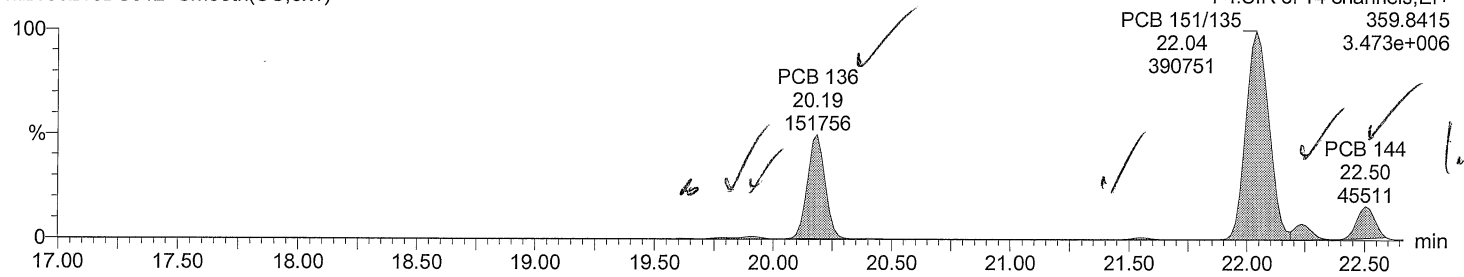
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Date: 18-FEB-2016

Time: 03:39:40

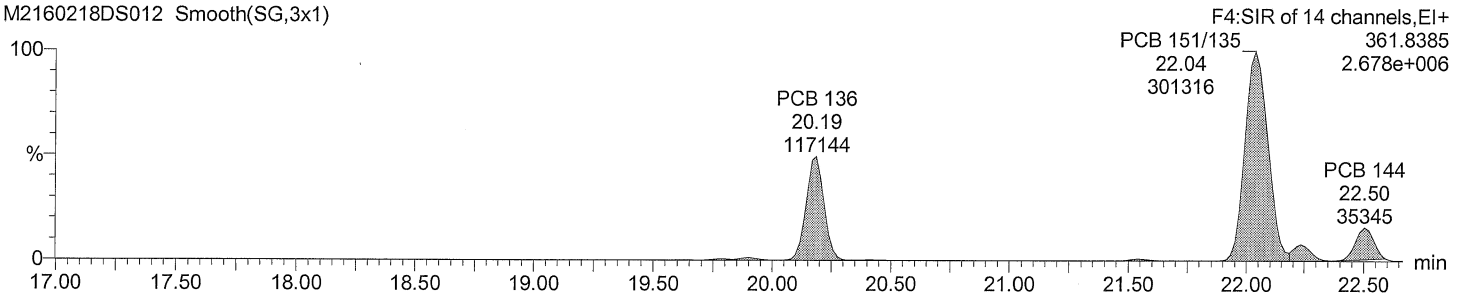
Total HxCB F4

M2160218DS012 Smooth(SG,3x1)



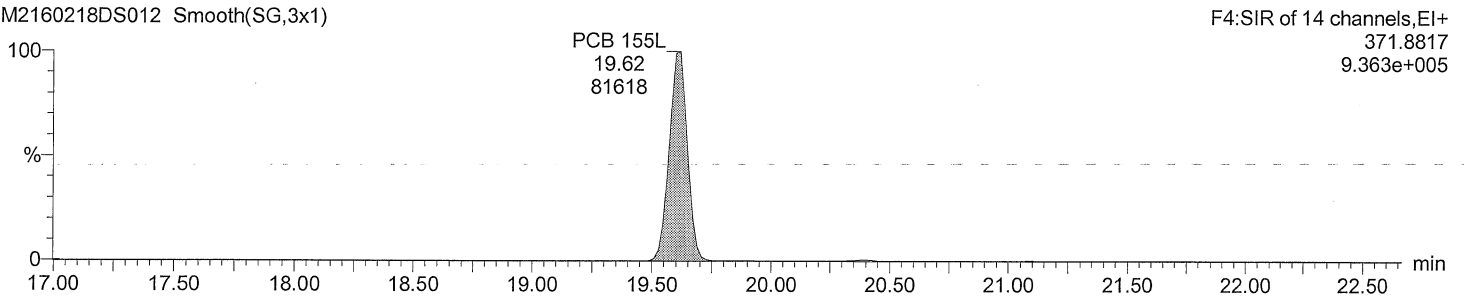
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M2160218DS012 Smooth(SG,3x1)



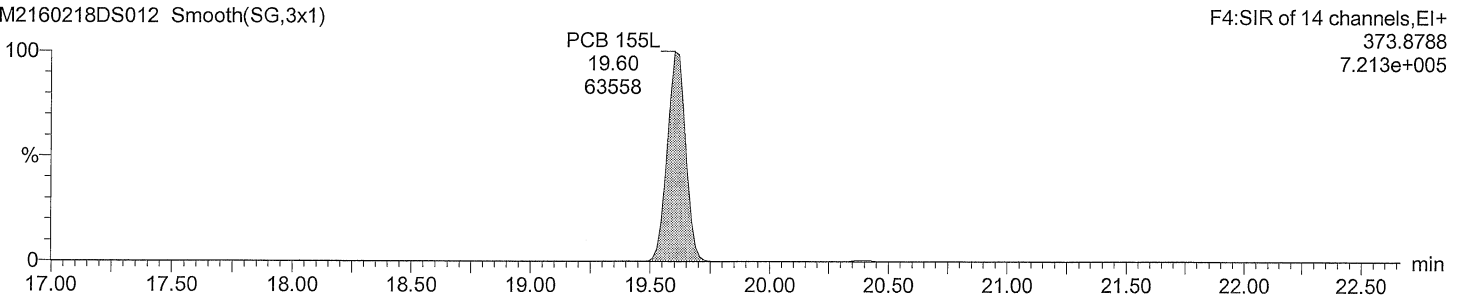
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M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS012 Smooth(SG,3x1)



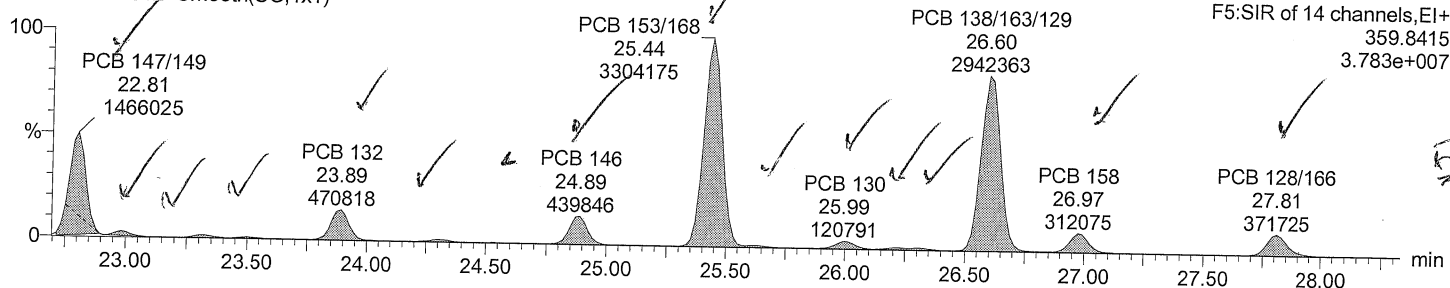
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

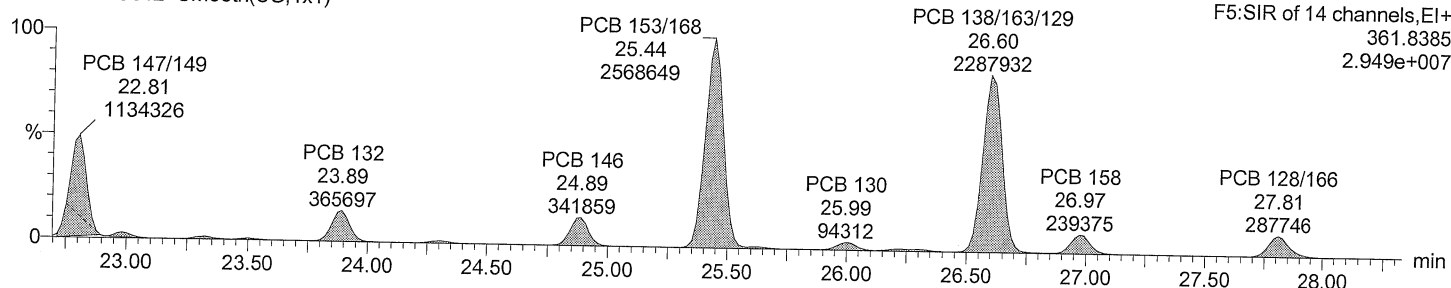
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M2160218DS012 Smooth(SG,1x1)



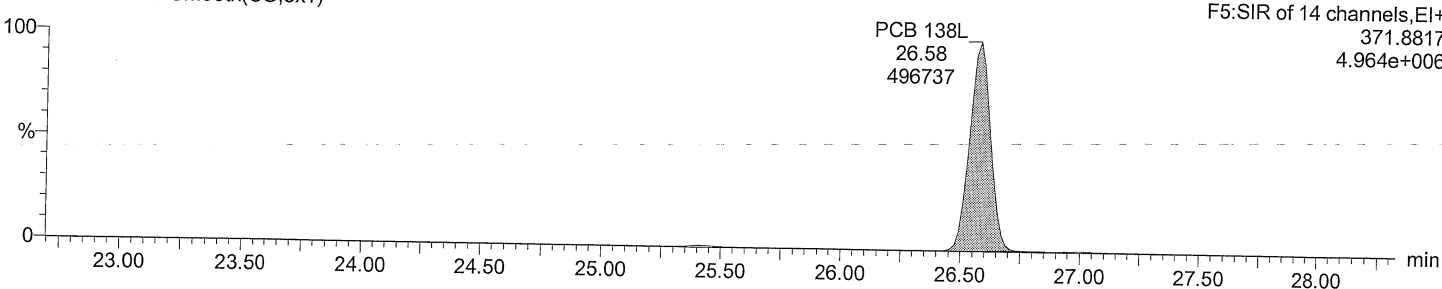
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M2160218DS012 Smooth(SG,1x1)



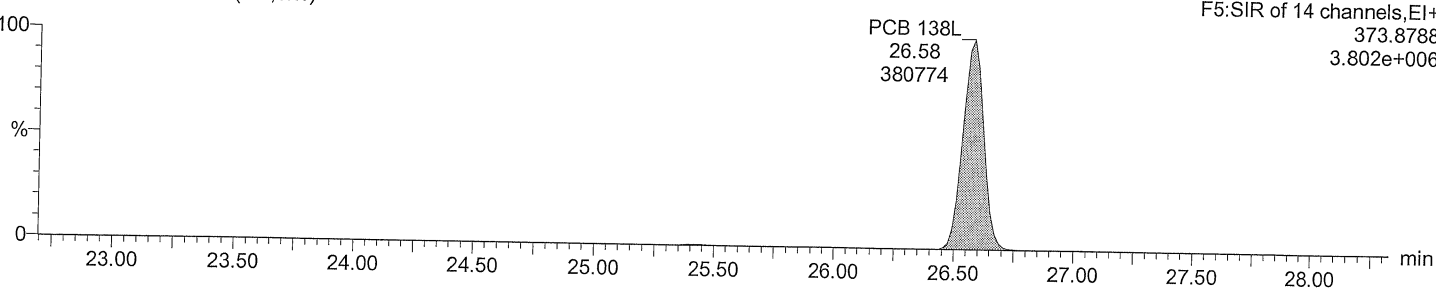
Total HxCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS012 Smooth(SG,3x1)



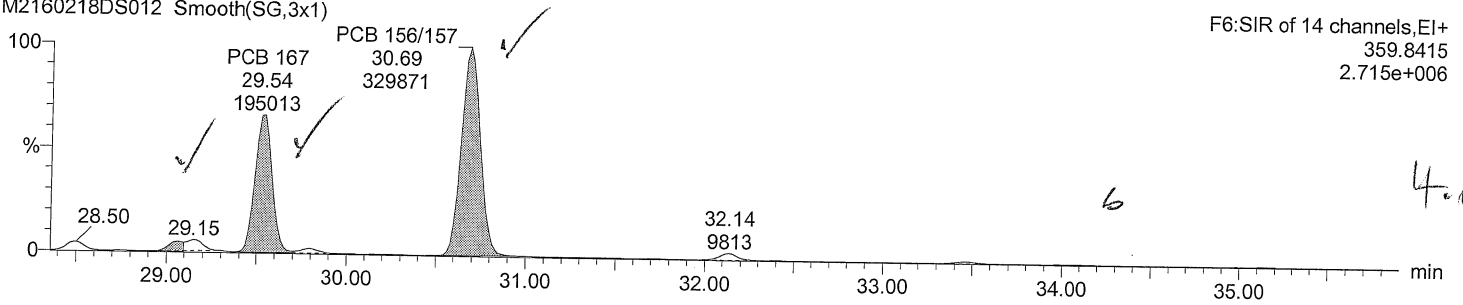
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

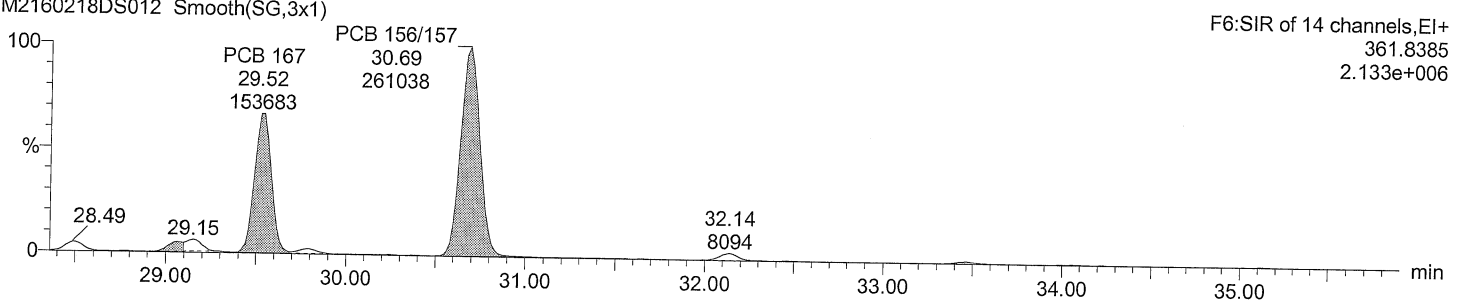
Total HxCB F6

M2160218DS012 Smooth(SG,3x1)



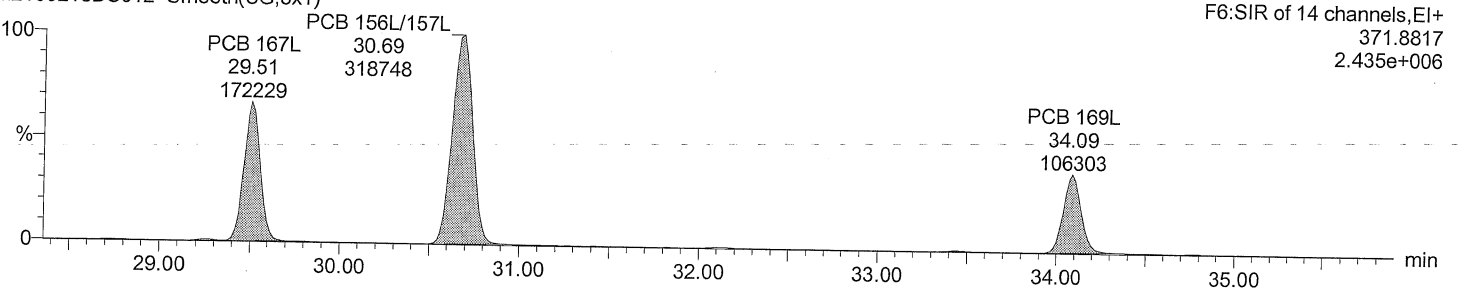
Total HxCB F6

M2160218DS012 Smooth(SG,3x1)



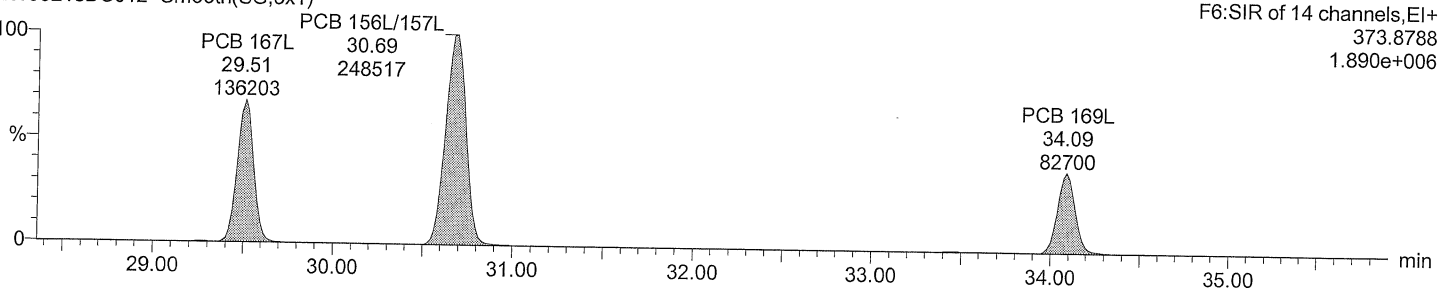
Total HxCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

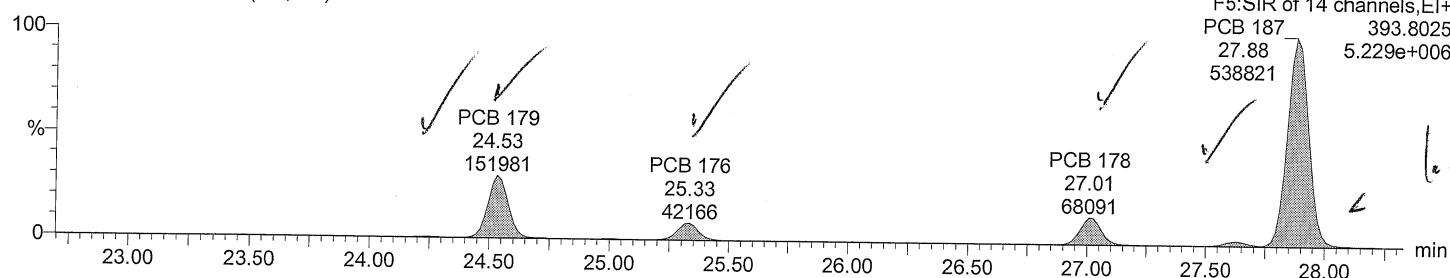
Vial: 12

Date: 18-FEB-2016

Time: 03:39:40

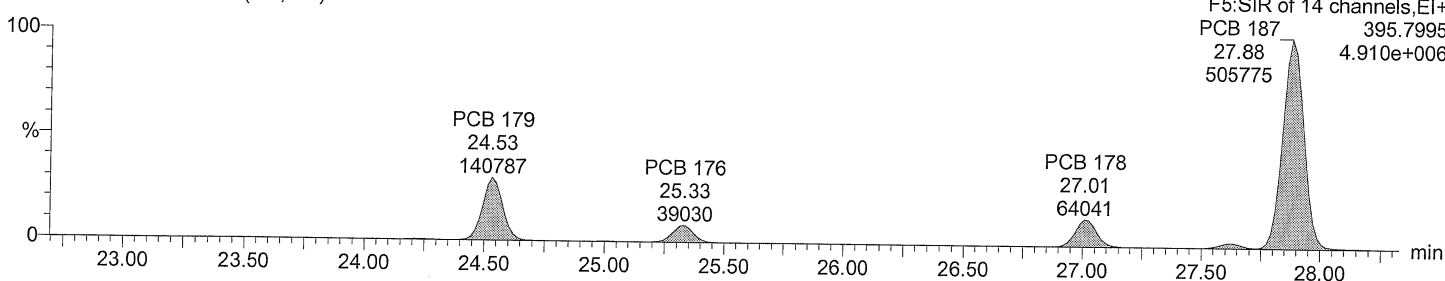
Total HpCB F5

M2160218DS012 Smooth(SG,3x1)



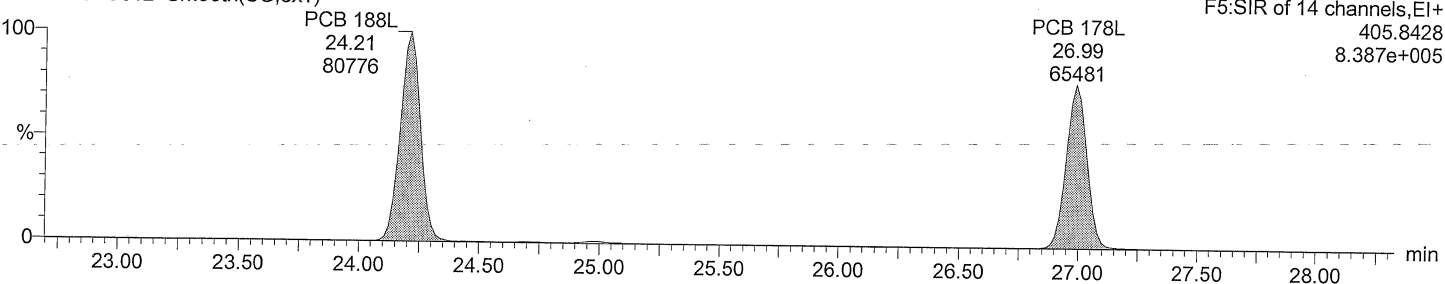
Total HpCB F5

M2160218DS012 Smooth(SG,3x1)



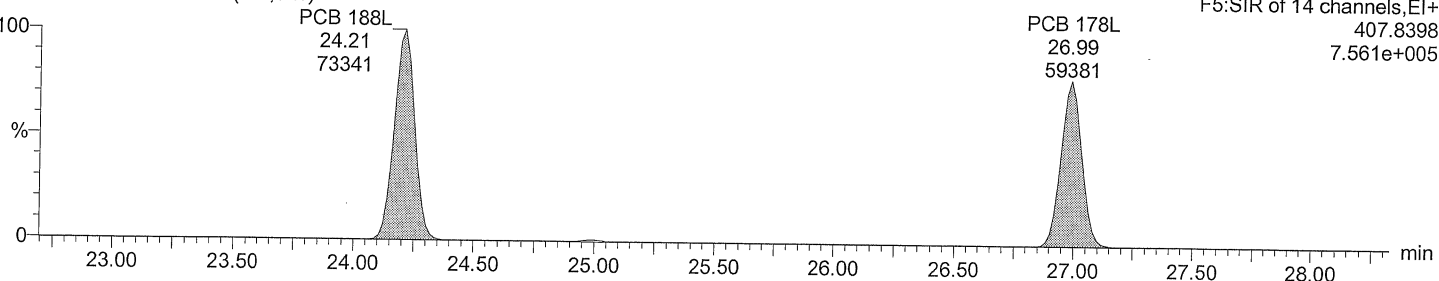
Total HpCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS012 Smooth(SG,3x1)



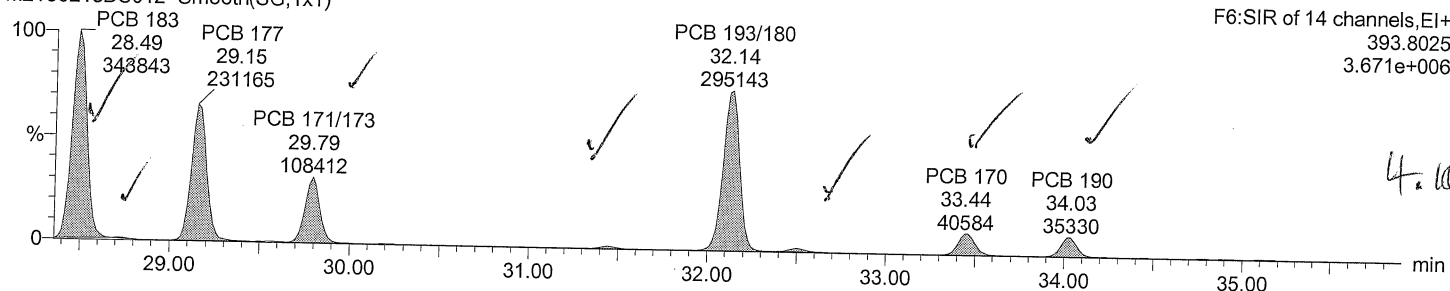
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

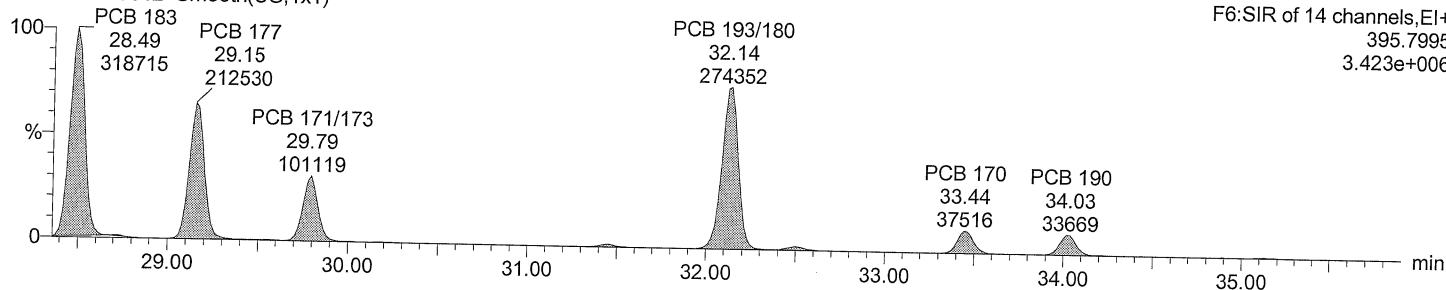
Total HpCB F6

M2160218DS012 Smooth(SG,1x1)



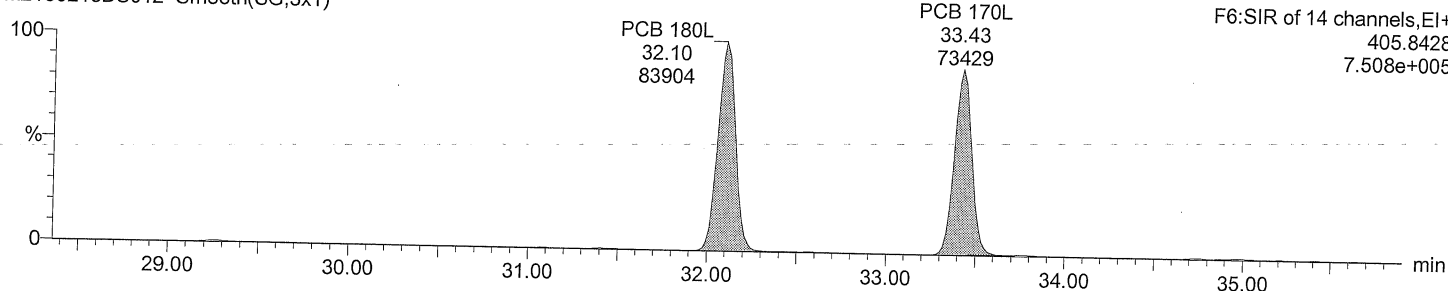
Total HpCB F6

M2160218DS012 Smooth(SG,1x1)



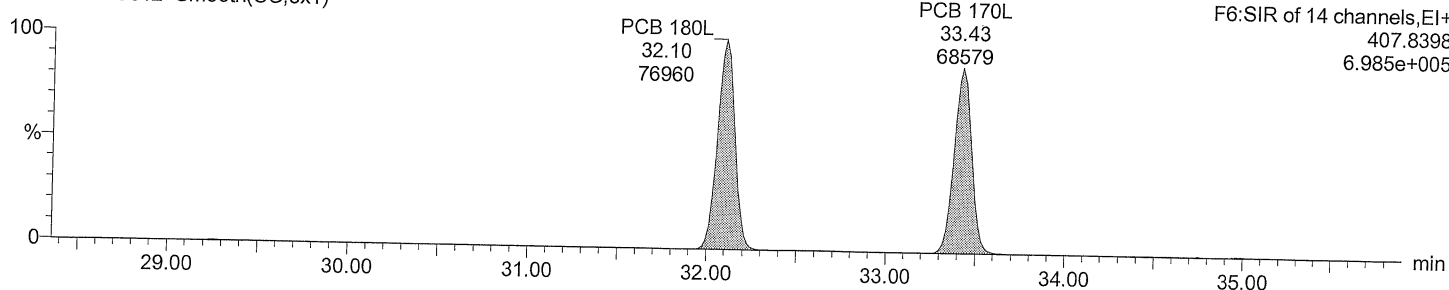
Total HpCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS012 Smooth(SG,3x1)



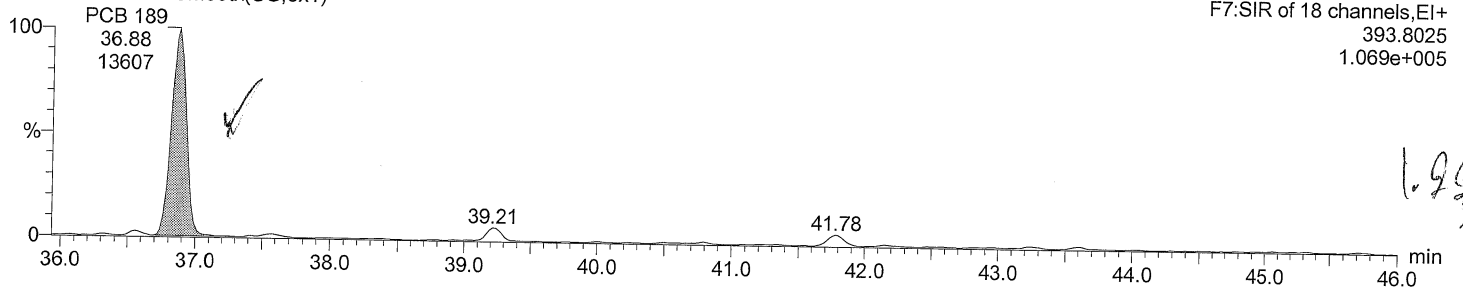
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

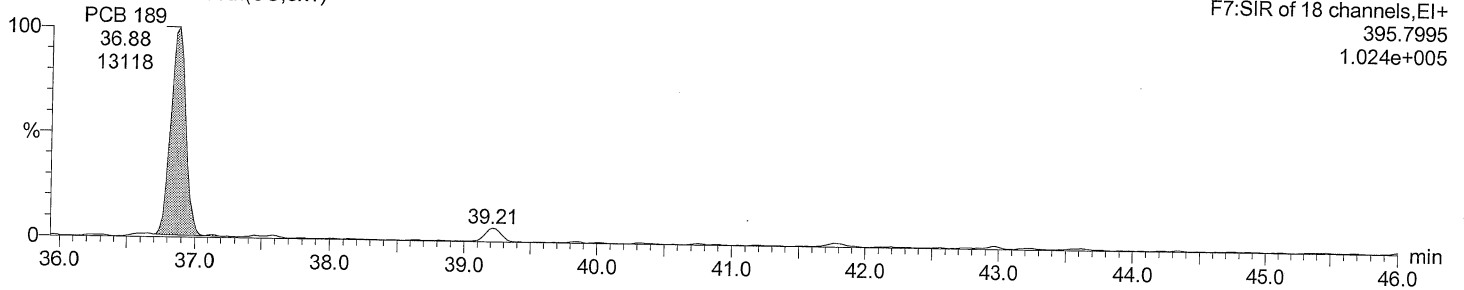
Total HpCB F7

M2160218DS012 Smooth(SG,3x1)



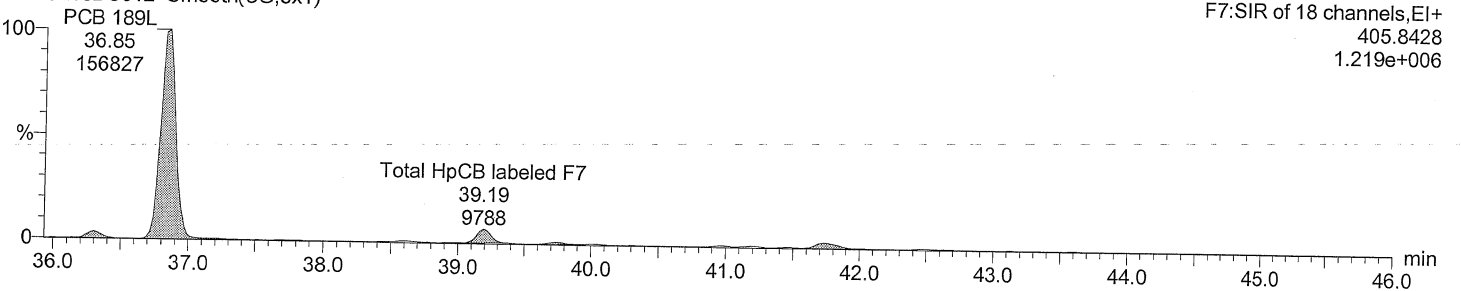
Total HpCB F7

M2160218DS012 Smooth(SG,3x1)



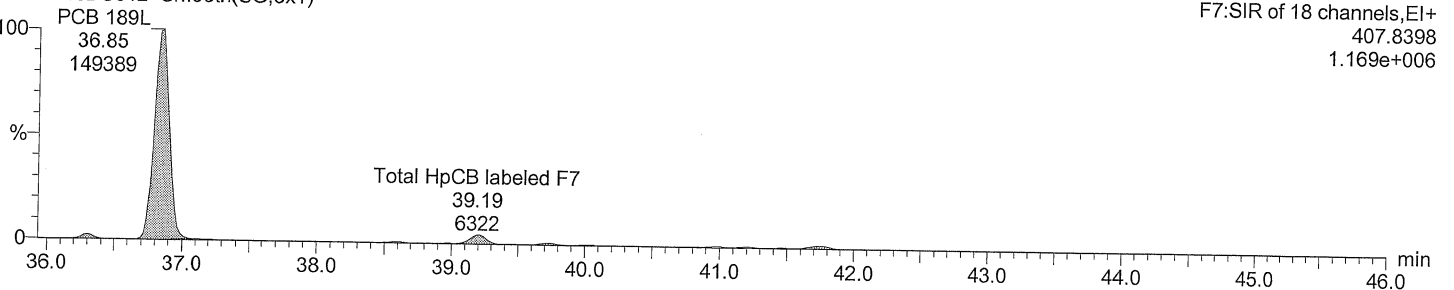
Total HpCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F7

M2160218DS012 Smooth(SG,3x1)

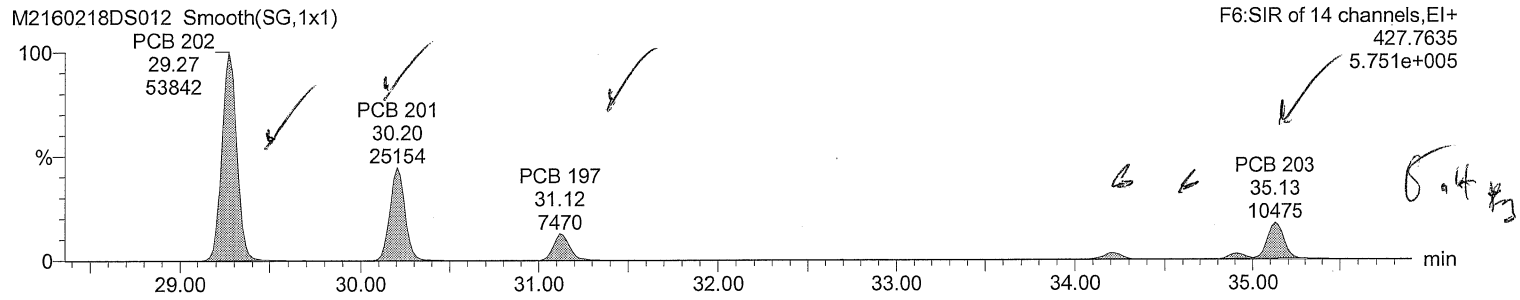


Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

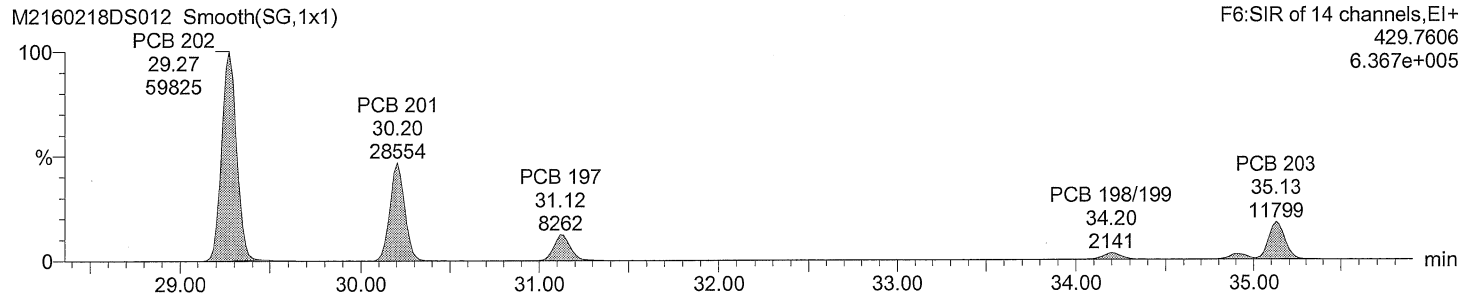
Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

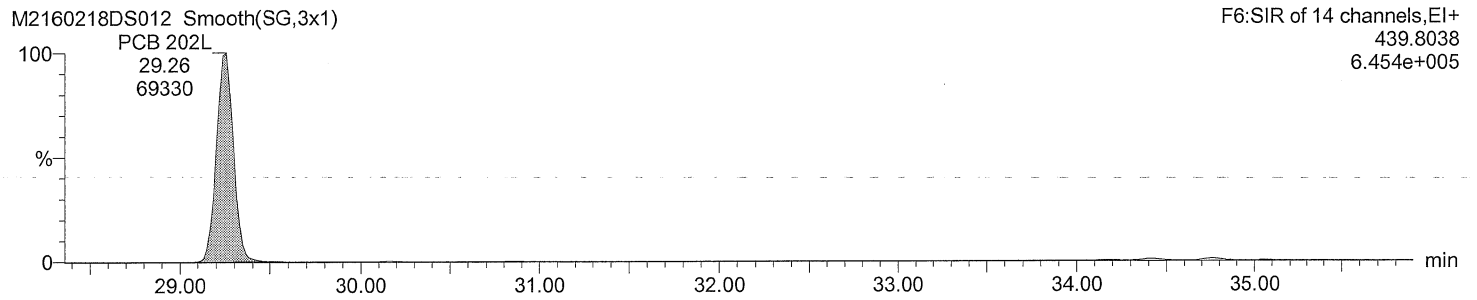
Total OcCB F6



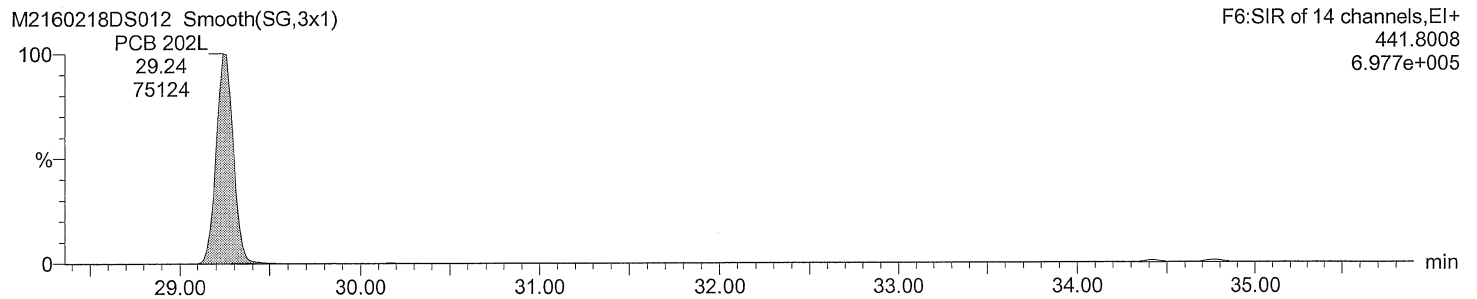
Total OcCB F6



Total OcCB labeled F6



Total OcCB labeled F6



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

Vial: 12

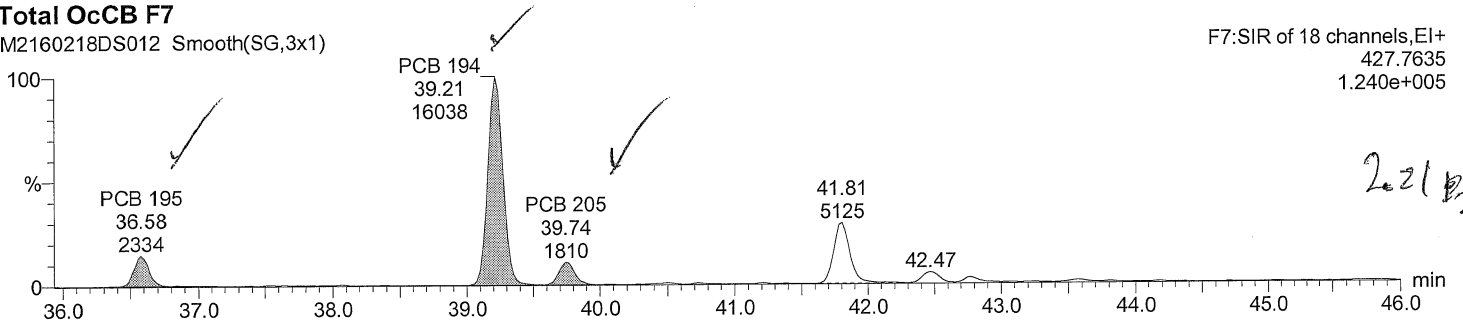
Date: 18-FEB-2016

Time: 03:39:40

Total OoCB F7

M2160218DS012 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
427.7635
1.240e+005

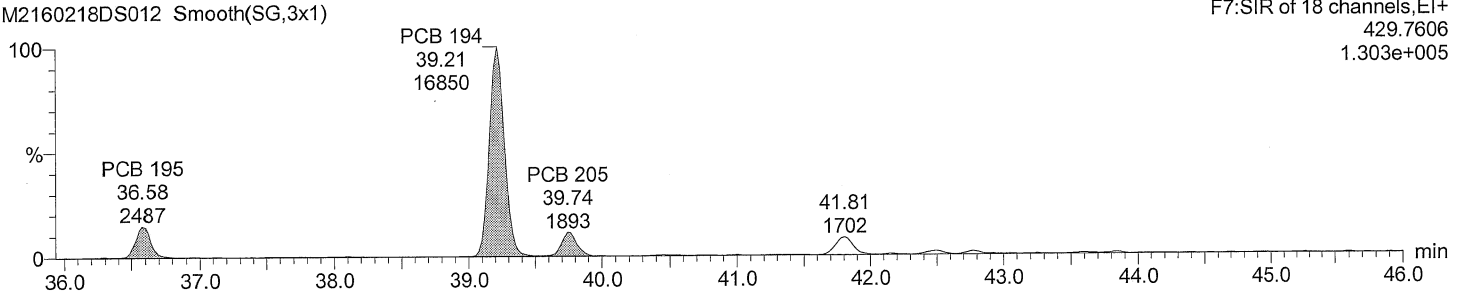


2.21 B3

Total OoCB F7

M2160218DS012 Smooth(SG,3x1)

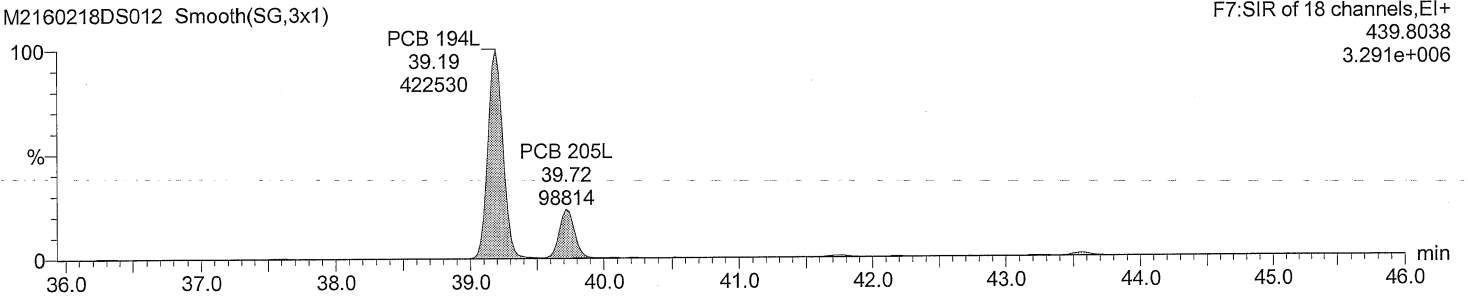
F7:SIR of 18 channels,EI+
429.7606
1.303e+005



Total OoCB labeled F7

M2160218DS012 Smooth(SG,3x1)

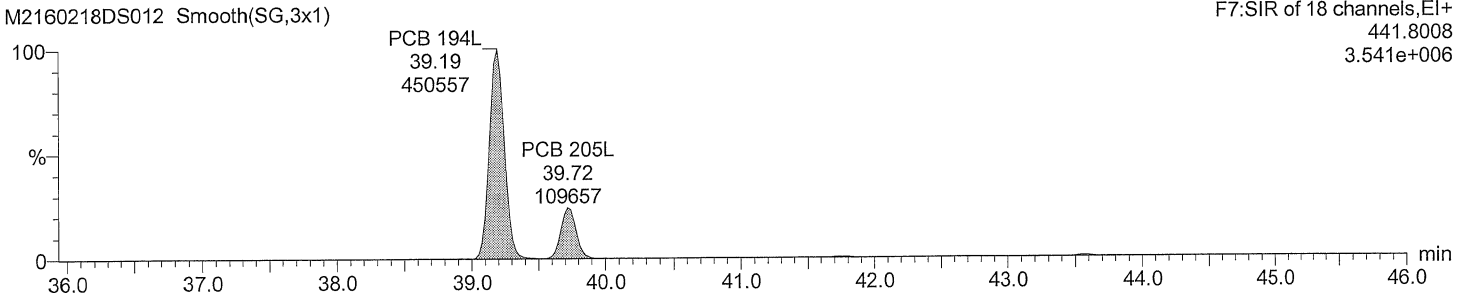
F7:SIR of 18 channels,EI+
439.8038
3.291e+006



Total OoCB labeled F7

M2160218DS012 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
441.8008
3.541e+006

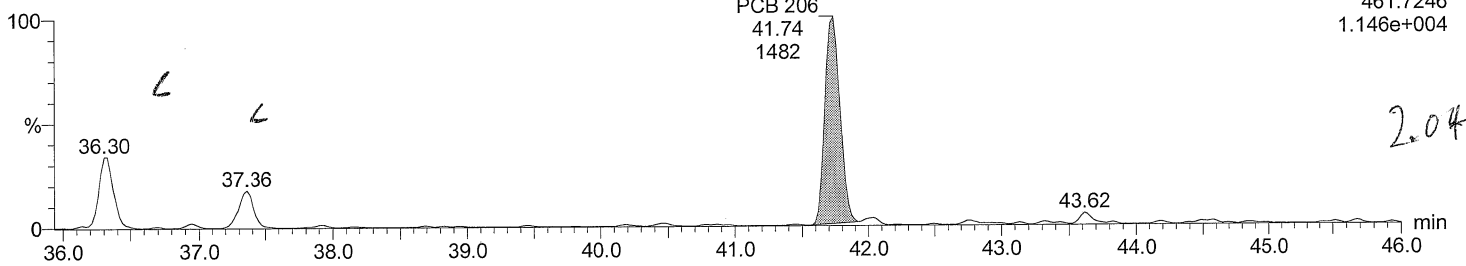


Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld
Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

Total NoCB F7

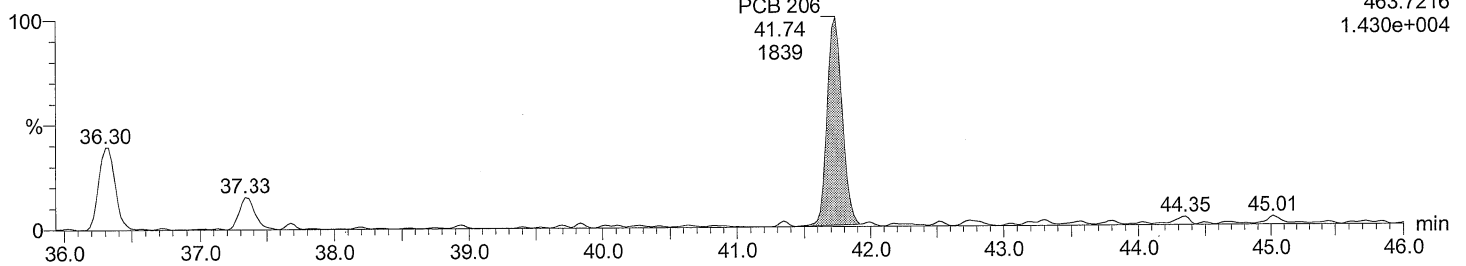
M2160218DS012 Smooth(SG,3x1)



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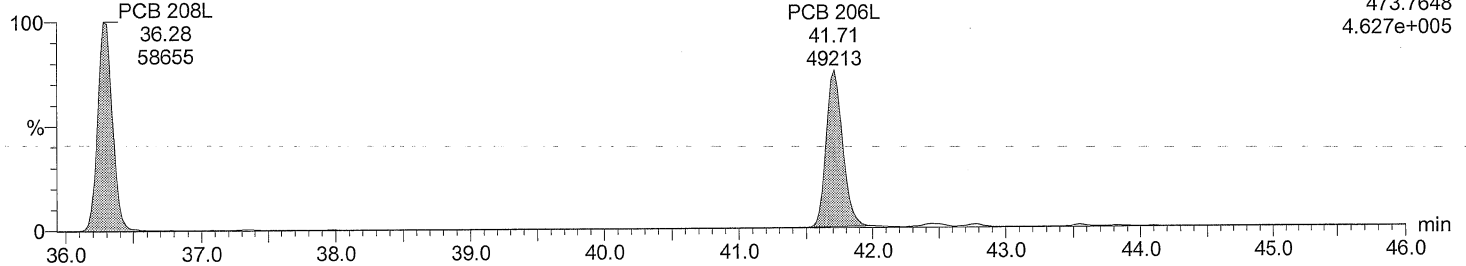
Total NoCB F7

M2160218DS012 Smooth(SG,3x1)



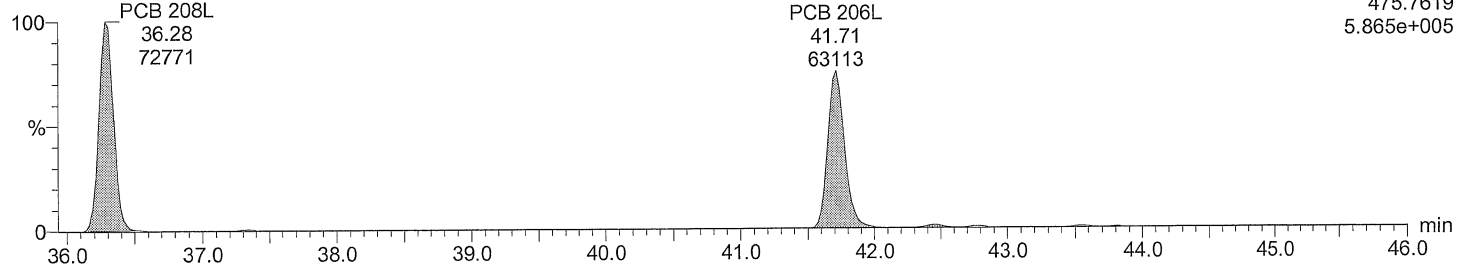
Total NoCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

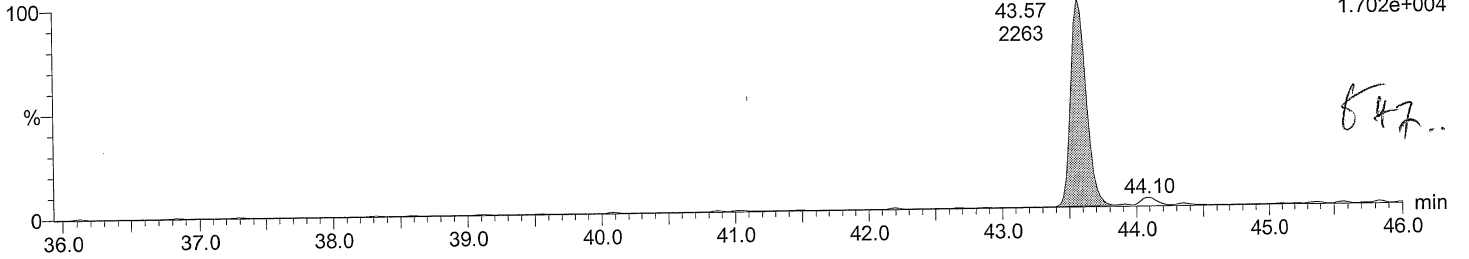
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

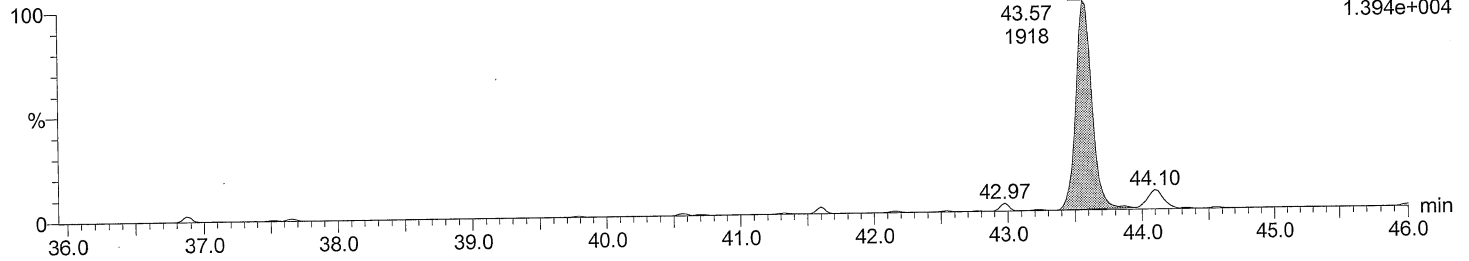
Total DeCB F7

M2160218DS012 Smooth(SG,3x1)



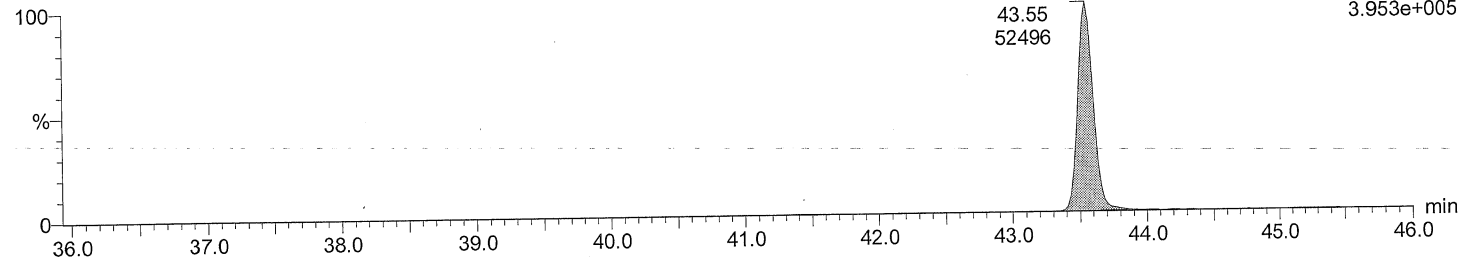
Total DeCB F7

M2160218DS012 Smooth(SG,3x1)



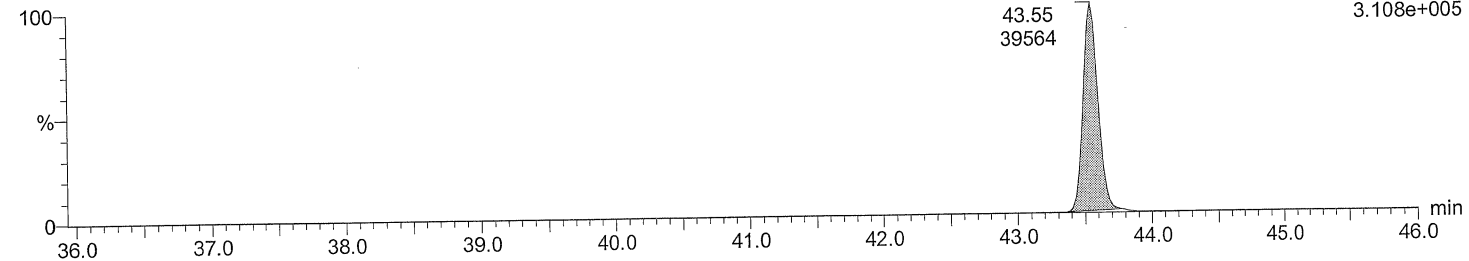
Total DeCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

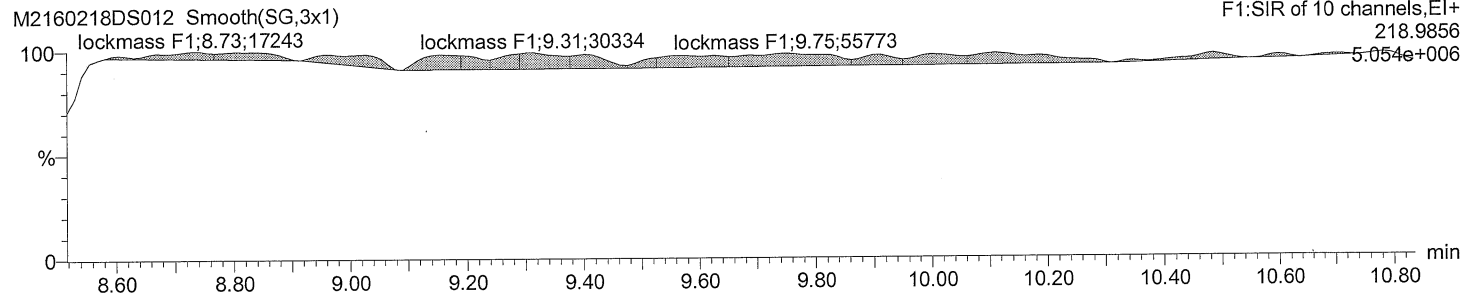
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Vial: 12

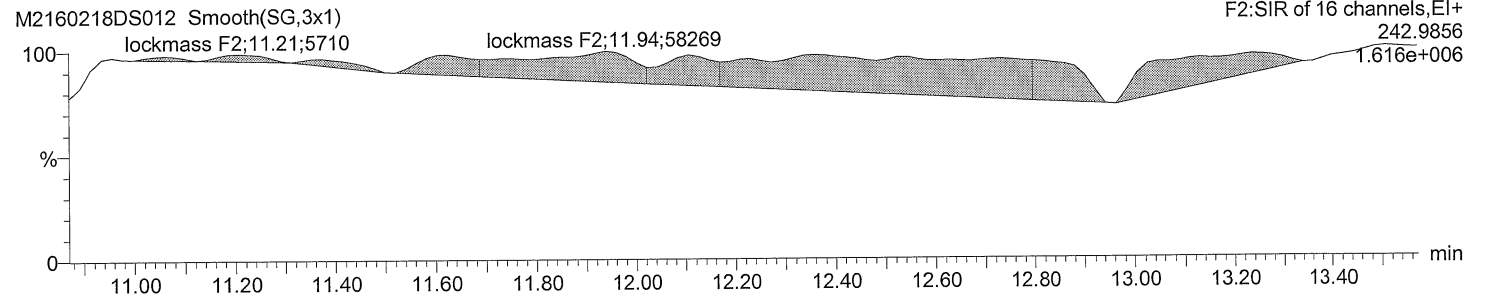
Date: 18-FEB-2016

Time: 03:39:40

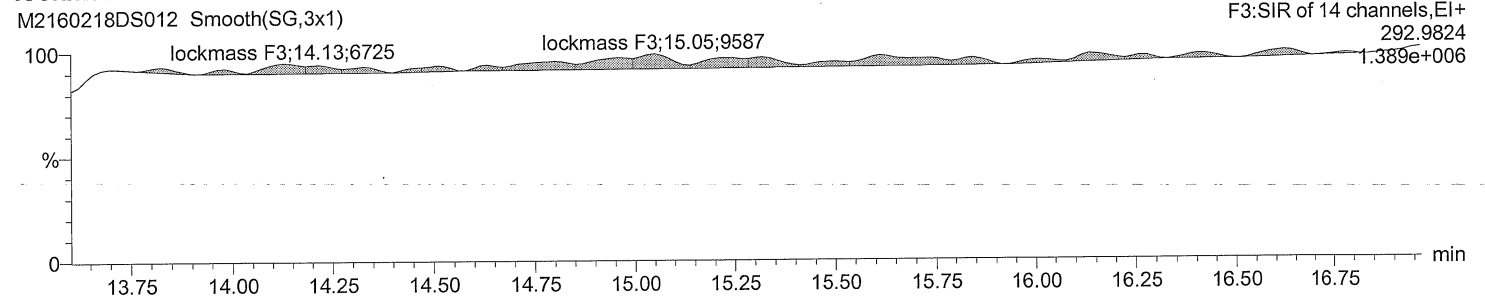
lockmass F1



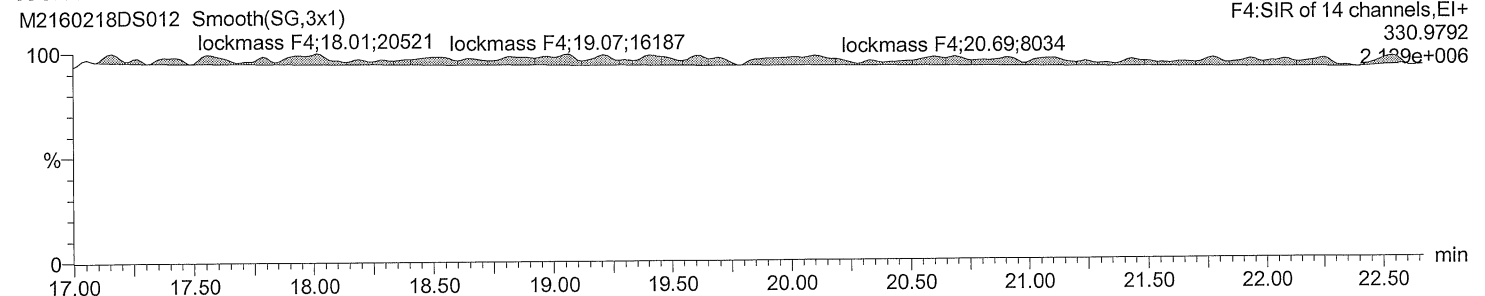
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

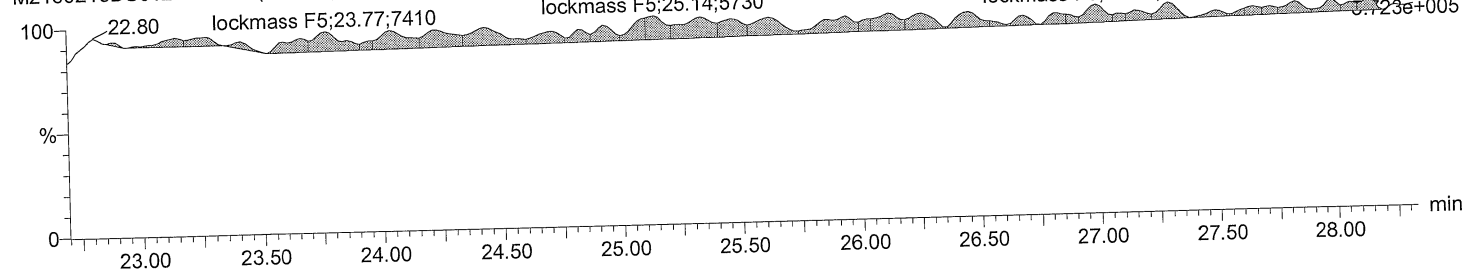
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Time: 03:39:40

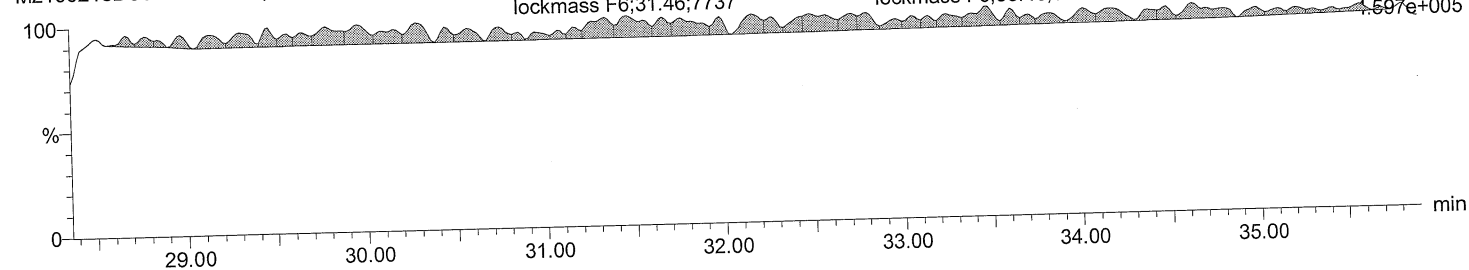
lockmass F5

M2160218DS012 Smooth(SG,3x1)



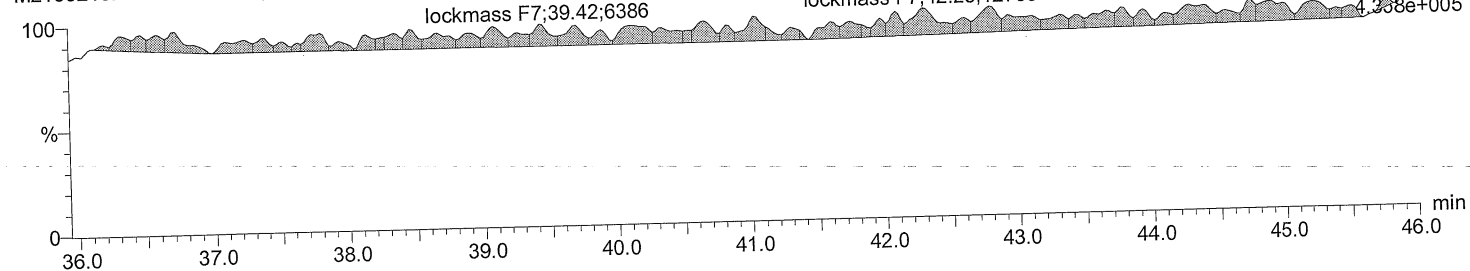
lockmass F6

M2160218DS012 Smooth(SG,3x1)



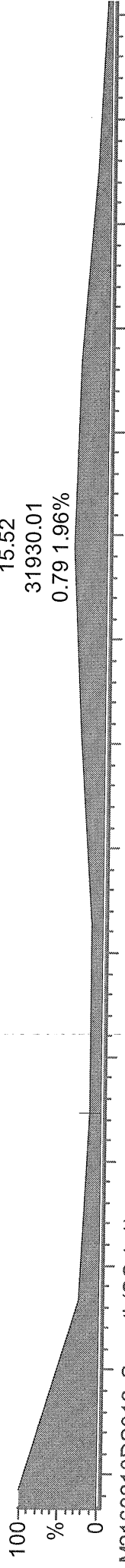
lockmass F7

M2160218DS012 Smooth(SG,3x1)



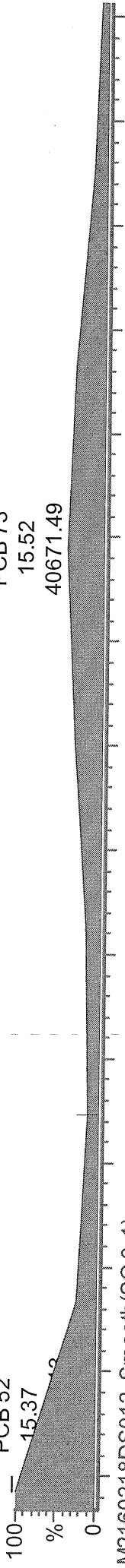
Below
16.02.22
AM...

M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI



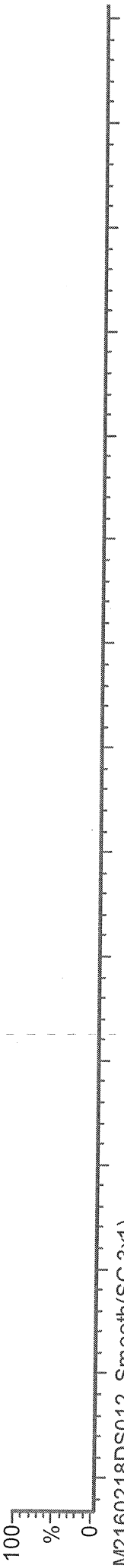
PCB 73
15.52
31930.01
0.79 1.96%

M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI



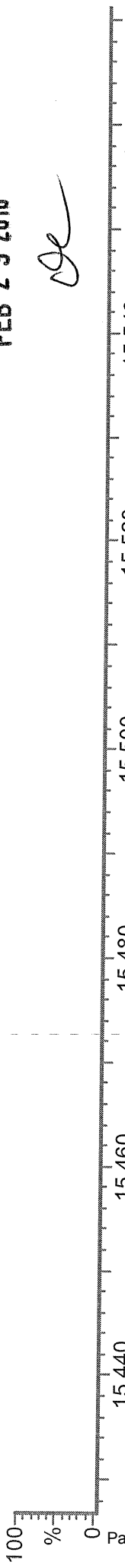
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M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI



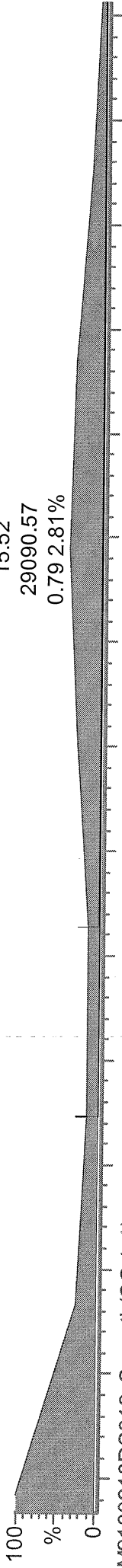
FEB 23 2016

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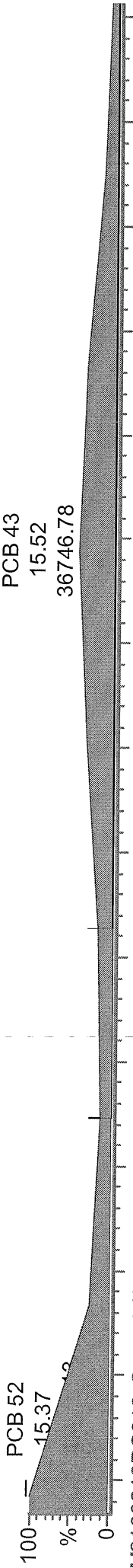


M2 16/02/22 : AH

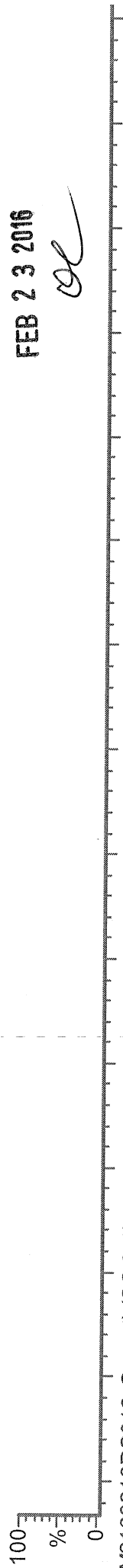
M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, Ti

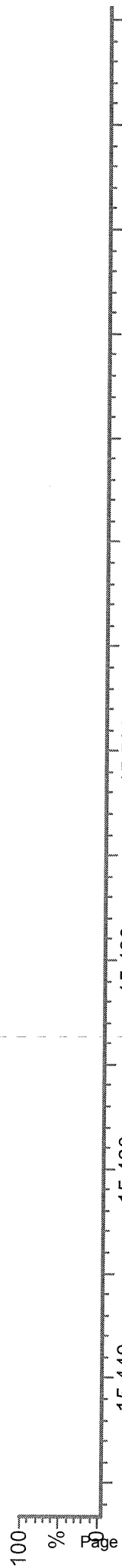


M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



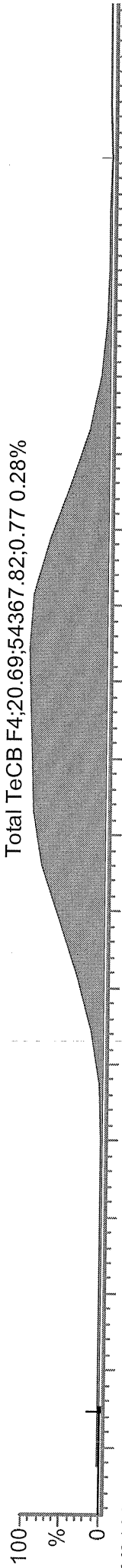
FEB 23 2016
OR

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

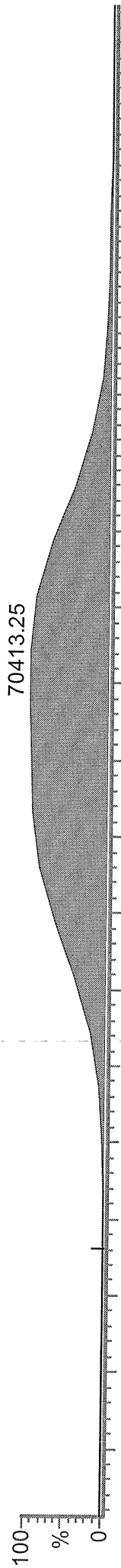


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15:02:22
AA-

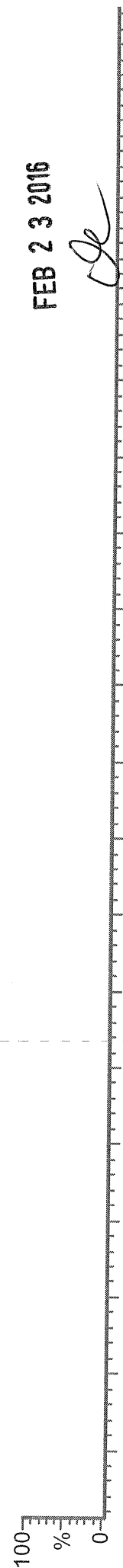
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REF MAT WS#4386412/4378609, Ti



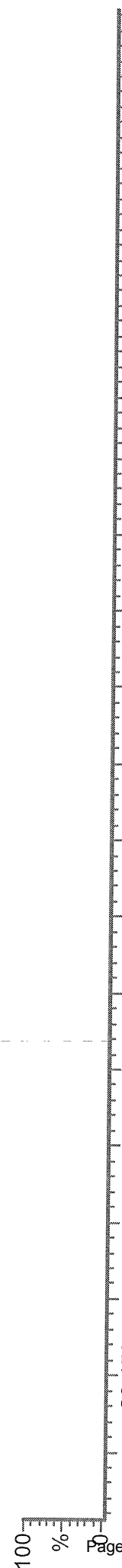
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REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



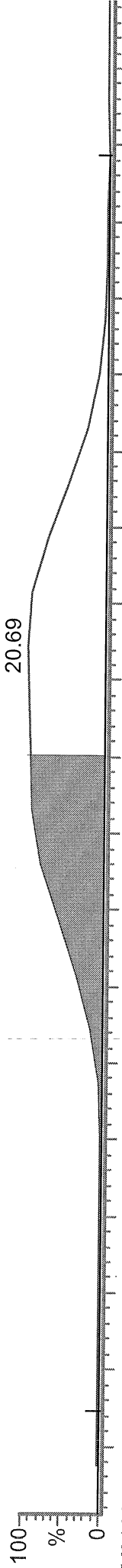
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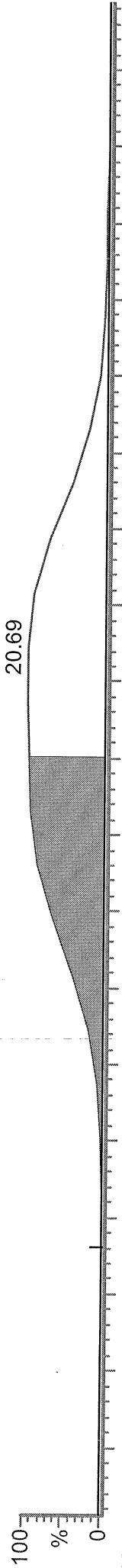
FEB 23 2016

M3 16/02/22 : AH

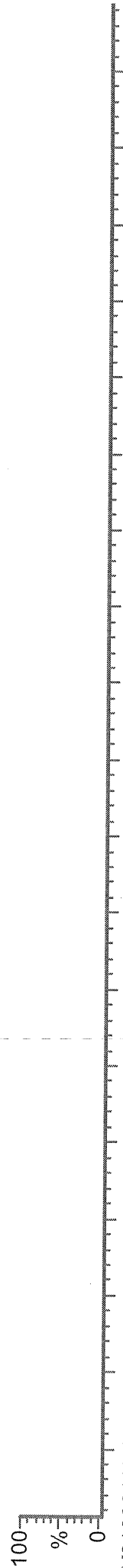
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



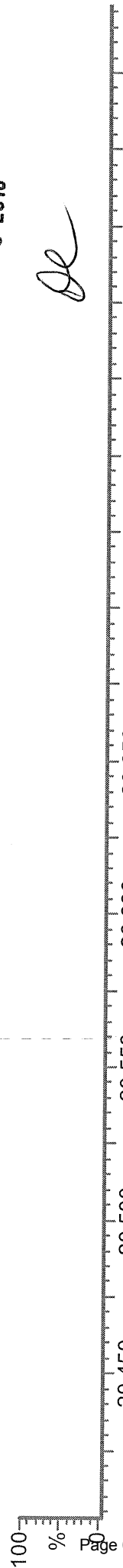
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

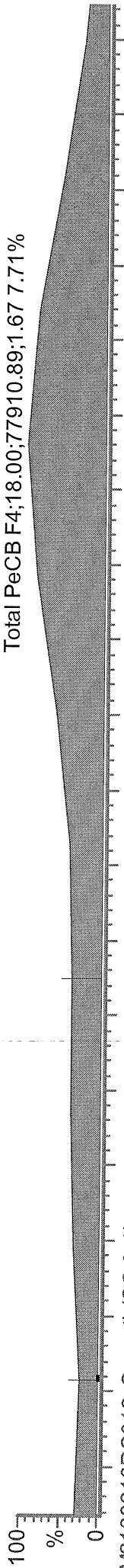


M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

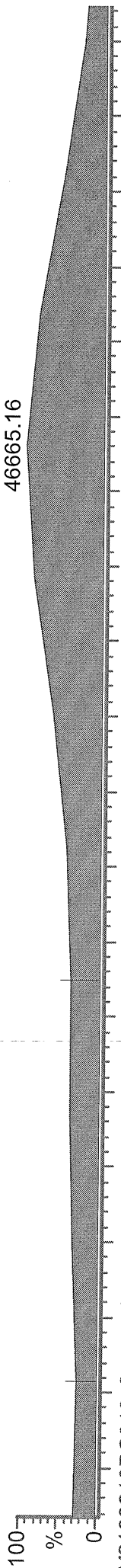


FEB 23 2016

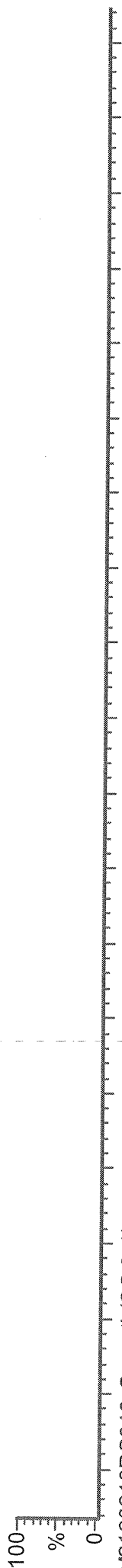
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REF MAT WS#4386412/4378609, Ti



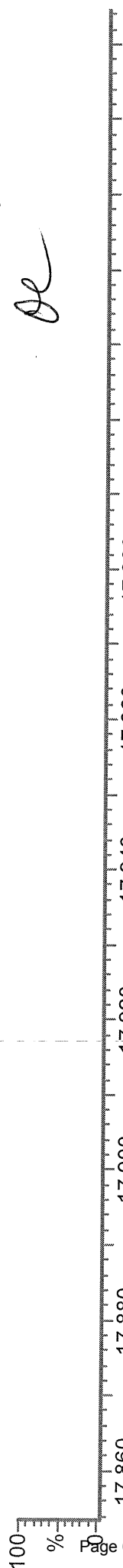
M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



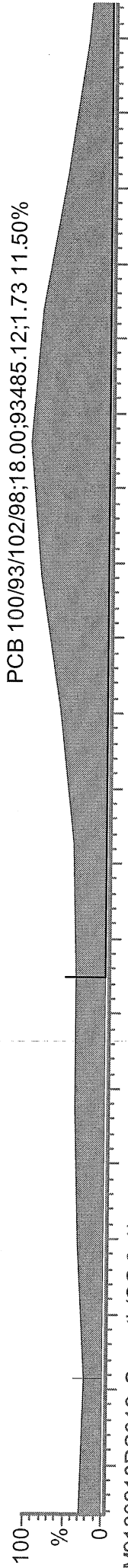
FEB 23 2016

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AA

M3 16/02/22 : AH

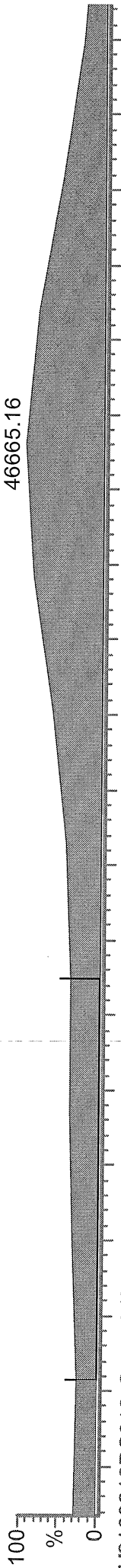
Maxxam Analy

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

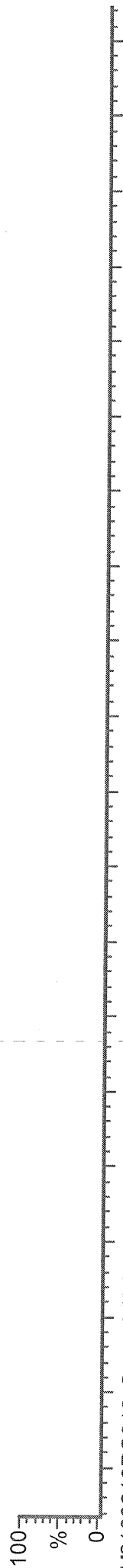


M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

18.00
46665.16



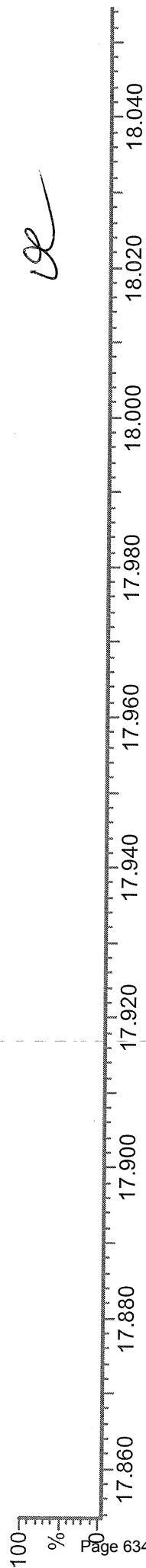
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

FEB 23 2016

A handwritten signature or set of initials, possibly 'OR', is located below the date stamp.



Before
15.02.22
A.T.r.

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

21.58
146902.98
1.66 7.40%

PCB 111
21.86
3350.41
1.81 16.75%

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

PCB 82
21.58
88248.19

PCB 111
21.86
1851.44

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

FEB 23 2016

de

21.720 21.740 21.760 21.780 21.800 21.820 21.840 21.860 21.880 21.900 21.920 21.940 21.960

M3 16/02/22 : AH

Maxxam Anal

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

21.58
146902.98
1.66 7.40%

PCB 111
21.86
2580.03
1.39 -10.09%

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

PCB 82
21.58
88248.19

PCB 111
21.86
1851.44

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

FEB 23 2016

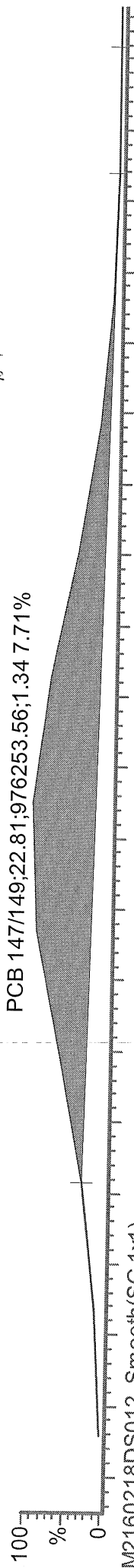
21.720 21.740 21.760 21.780 21.800 21.820 21.840 21.860 21.880 21.900 21.920 21.940 21.960

Before

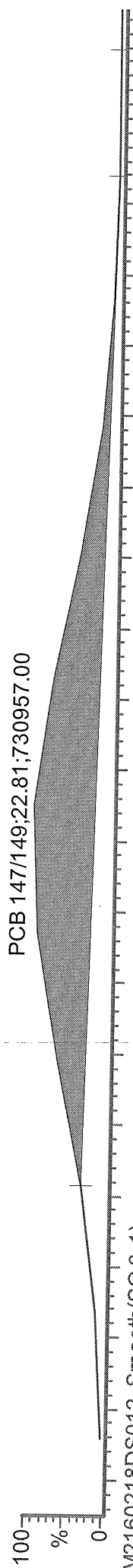
15.02.22

HA...

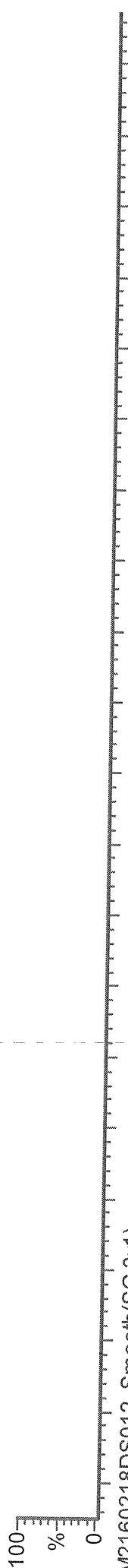
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REF MAT WS#4386412/4378609, TI



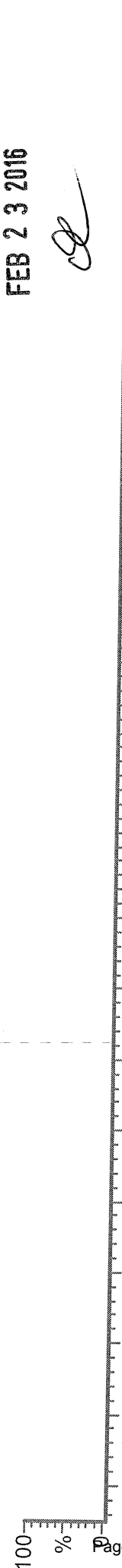
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REF MAT WS#4386412/4378609, TI



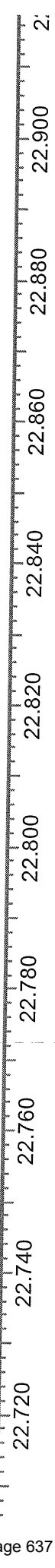
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI



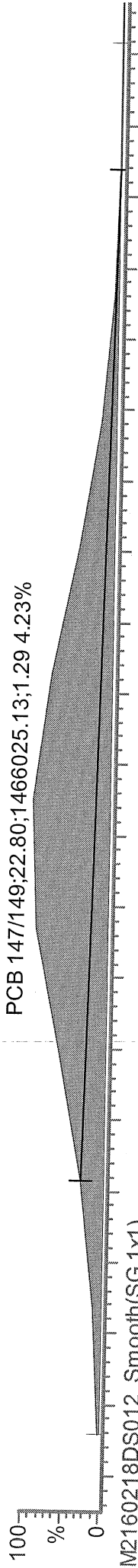
FEB 23 2016



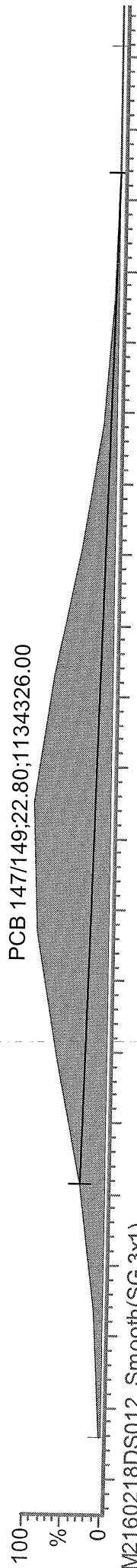
M3 16/02/22 : AH

Maxxam Anal

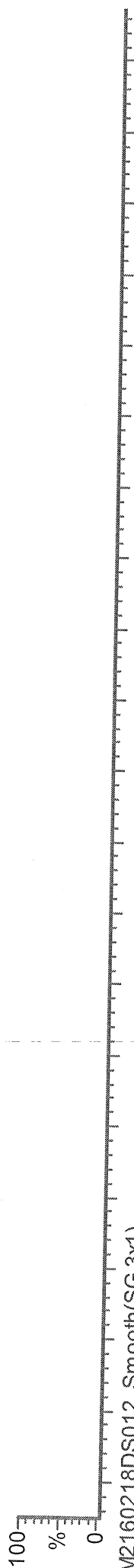
M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI



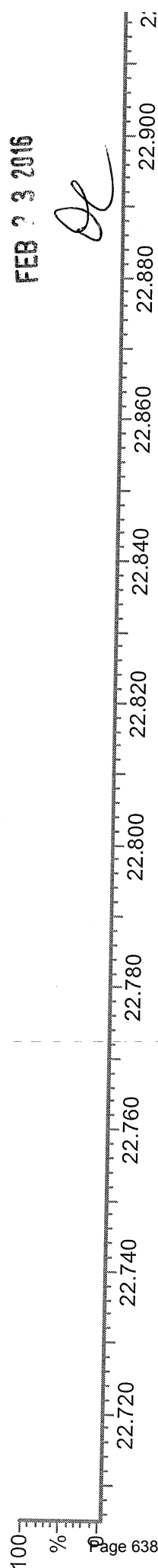
M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

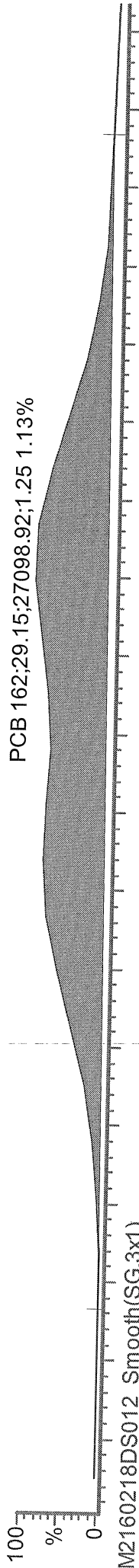


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REF MAT WS#4386412/4378609, TI

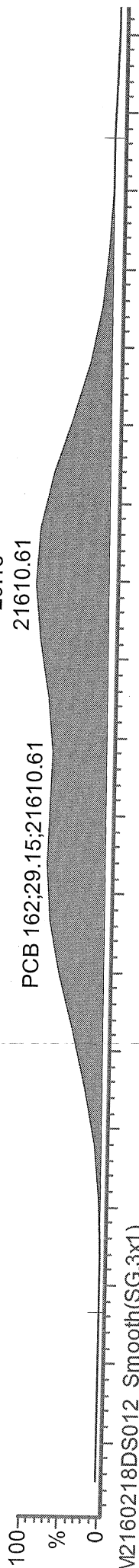


FEB 23 2016

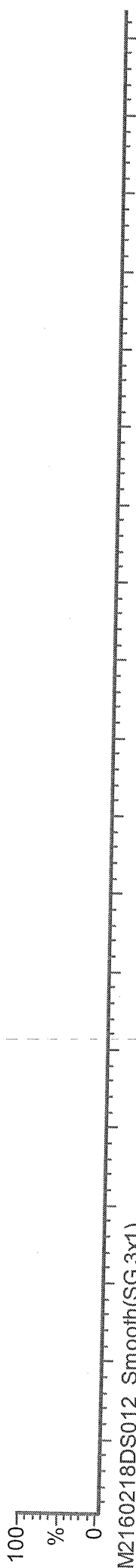
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REF MAT WS#4386412/4378609, Ti



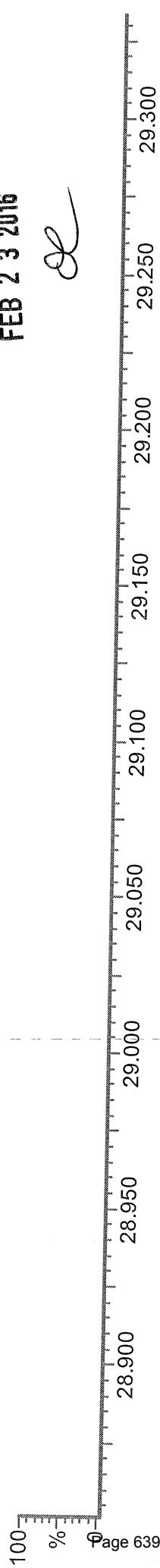
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

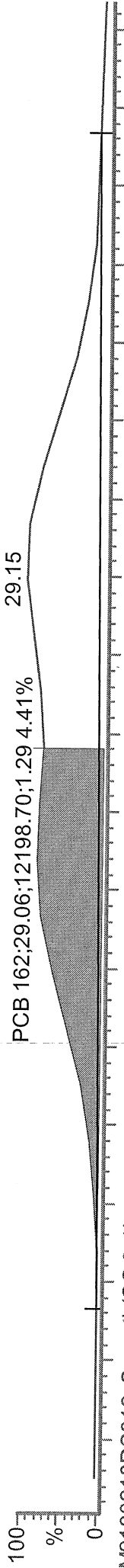


Before
18.02.22
AA

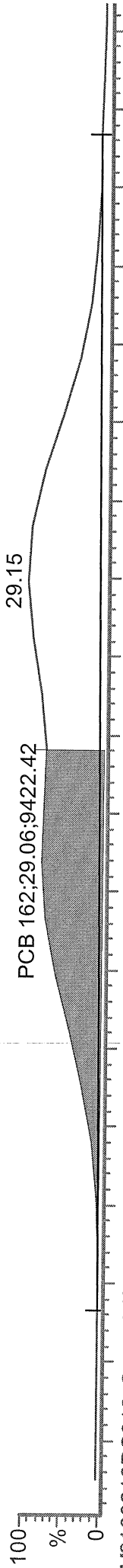
FEB 23 2016

M3 16/02/22 : AH

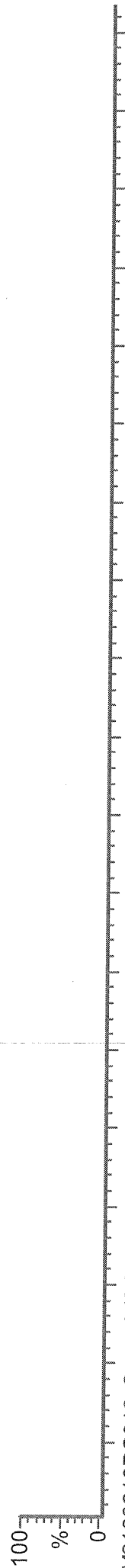
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



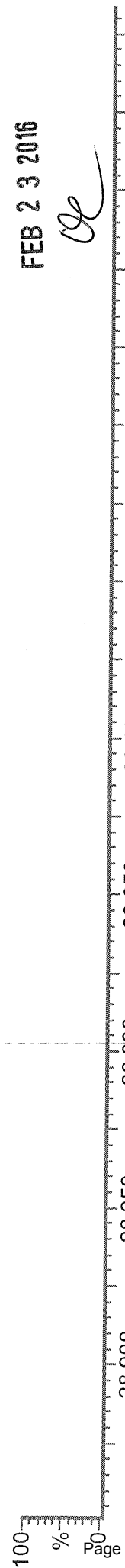
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



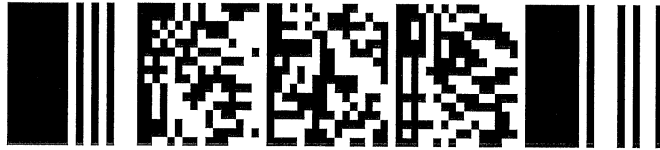
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



FEB 23 2016

M2160219 - PCB

File Name	File Text	Sample ID	Job	Wt/Vol
---	---	---	---	1.000000
M2160211AS002	CS1_PCB 150417CXU	---	---	1.000000
M2160211AS003	CS2_PCB 150417CXU	---	---	1.000000
M2160211AS004	CS3_PCB 150417CXU	---	---	1.000000
M2160211AS005	CS4_PCB 150417CXU	---	---	1.000000
M2160211AS006	CS5_PCB 150417CXU	---	---	1.000000
M2160211AS007	SOLVENT	---	---	1.000000
M2160211AS008	CIL CS3 PCB PR-22535L	---	---	1.000000
M2160211AS009	209MIX_PCB 150822CXU	---	---	0.000000
---	---	---	---	0.000000
---	---	---	---	1.000000
---	---	---	---	1.000000
M2160219AS001	CS3_PCB 150417CXU	---	---	1.000000
M2160219BS001	209MIX_PCB 150822CXU	---	---	1.000000
M2160219BS002	SOLVENT	---	---	10.634400
M2160219BS003	BRP512-01R ✓	Anchor QEA, PG-SMA2-5-MUS-COC-16010, Ti	---	10.133900
M2160219BS004	BRP513-01R ✓	Anchor QEA, PG-SMA2-4-MUS-COC-16010, Ti	---	10.091400
M2160219BS005	BRP572-01R ✓	Anchor QEA, PG-T0-5-MUS-COC-151030, Ti	---	10.012900
M2160219BS006	BTX904-01R - Dil'n - Re-	Apex AMCCO-SB095-0-1, S	---	1.000000
M2160219BS007	SOLVENT	---	---	9.923900
M2160219BS008	BTZ870-01R ✓	MAXXAM OB0623 \ 10-BH16-1 S-3, S	---	9.769200
M2160219BS009	BTZ874-01R ✓	MAXXAM OB0629 \ 10-BH16-6 S-2, S	---	9.500500
M2160219BS010	BTZ875-01R ✓	MAXXAM OB0630 \ 10-BH16-6 S-24, S	---	10.003400
M2160219BS011	BTZ876-01R ✓	MAXXAM OB0632 \ TH100 S-1, S	---	10.005300
M2160219BS012	BUA896-01R - Dil'n - Re-	MAXXAM PCB CONENERS IN SOIL/LOT, S	---	1.000000
M2160219BS013	SOLVENT	---	---	1.000000
M2160219BS014	CS3_PCB 150417CXU	---	---	1.000000
M2160219BS017	SOLVENT	---	---	1.000000
M2160219BS018	SOLVENT	---	---	1.000000
M2160219BS019	PCB R.S. 16/02/19 test ✓	100uL nonane + 10uL R.S. solution	---	1.000000
M2160219BS020	PCB R.S. 15/11/04 ✓	100uL nonane + 10uL R.S. solution	---	1.000000



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 18, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		MHRPD										2016/02/11
	SPIKE	0	MHRPD										2016/02/11
	SPIKE	1	MHRPD										2016/02/11
	BLANK												2016/02/11
B612062	*BRP508-01R		PG-SMA2-2-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP509-01R		PG-PJ-1-MUS-COC*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	0	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	1	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP511-01R		PG-GP-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP512-01R		PG-SMA2-5-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP513-01R		PG-SMA2-4-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612077	*BRP572-01R		PG-T0-MUS-COC-*						1	2016/10/29	2016/02/23 23:00		2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*						1		2016/02/26 17:00		2016/02/11
B622429	BUA897-01R		PCB CONGENERS*						1		2016/02/28 18:00		2016/02/11

Remarks: _____

Samples extracted by: Sanjaykumar Patel
Instrumentation performed by: Cathy Xu
Calculations performed by: Cathy Xu
Maxxam Analytics by: D. Condy

Date: 16/02/19
Date: 16/02/23
Date: 16/02/23 Page 642 of 697

Ultra Trace - Worksheet Validation Checklist

Prep Worksheet # <u>4378609</u>	Instrument Worksheet # <u>4386412</u>
Testcode: <u>PREPCB-T1</u>	Testcode: <u>PCB CONHR-T</u>

Sample Preparation		yes	no	n/a
1	Samples extracted within hold time	✓		
2	Client sample ID verified against Lab ID	✓		
3	Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking	✓		
4	Method required QC processed with samples	✓		
5	Sample, duplicate, matrix spike appear similar, initial sample as well as final extract	✓		
6	Sample weight or initial volume and extract final volume, aliquot factor clearly recorded.	✓		
7	If performed any additional dilution clearly recorded	✓		
8	Spiking solutions valid (haven't expired); ID and volume used clearly identified on worksheet	✓		
9	Spiking process witnessed and signed off	✓		
10	Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328)			
11	tracking sheets completed	✓		✓

Prepared by: Stain Date: 2016/02/11
 Comments: _____
 Reviewed by: Stain
2/16/02/18

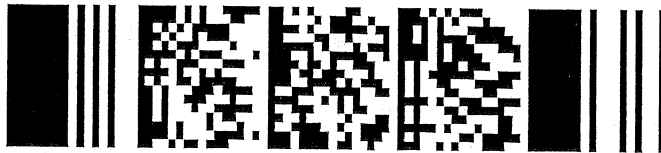
Primary review by the analyst - 100 % analysis review		yes	no	n/a
1	System performance check acceptable (if applicable)	✓		
2	Analysis set-up meets method criteria	✓		
3	Tuning and correct calibration used - criteria meets method criteria	✓		
4	SQC/Control Charts updated, analysis in statistical/method control			
5	Internal area counts checked (if applicable)			✓
6	LCS, SRM are within acceptance criteria			✓
7	Surrogate Recovery(s) is within acceptance criteria			✓
8	Method Blank meets acceptance criteria	✓		
9	Matrix Spike recovery(s) meets acceptance criteria			✓
10	Duplicate precision meets acceptance criteria			✓
11	QC is documented on the run logs	✓		✓
12	Runs checked for carryover	✓		
13	Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts	✓		
14	Initial weights, splits, impinger volumes (where applicable) are documented	✓		
15	Samples above calibration range diluted and reanalyzed			
16	Dilution factors (where justified) have been checked for correctness and entered			✓
17	Analytical observations/anomalies documented in LIMS			✓
18	If corrective actions were applied they are documented, initialed & dated	✓		
19	Transferred data is approved in LIMS for correctness	✓		
20	Sample Prep section (above) reviewed and verified.	✓		
21	Data package assembled (where required)	✓		

Data Approved by: Carly Date: 16/02/24
 Comments: _____

Secondary Supervisor/Qualified Data Review Staff		yes	no	n/a
1	Repeats documented and referenced	✓		
2	Method and sample deviations noted, anomalies described (if applicable)	✓		
3	Data and QC validated in LIMS	✓		
4	Manual integration - before & after data with a reason included, initialed & dated	✓		
5	Random calculation checked	✓		
6	Worksheet(s) and sample prep sheets (FCDs) signed and dated	✓		
7	Data Package (if required) checked for completeness	✓		

Validatus Checked by: Carly Date: 16/02/23
 Comments: _____

Note: Primary and Secondary Internal Data Review Check must be performed by a different person



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 11, 2016

Assigned to : Sanjaykumar Patel

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		B 1974C		T40	7.8846	100ml					T40	2016/02/11
	SPIKE	0	BFM 737		T31	0.2044	1					T153	2016/02/11
	SPIKE	1	BFM 737		T67	0.1485						T174	2016/02/11
	BLANK		BFM 737		T69	0.2715						T5	2016/02/11
B612062	BRP508-01R		PG-SMA2-2-MUS-*		T151	0.2378			1	2017/01/03	2016/02/10 18:00	T186	2016/02/11
B612062	BRP509-01R		PG-PJ-1-MUS-COC*		T161	0.1419			1	2017/01/03	2016/02/10 18:00	T36	2016/02/11
B612062	BRP510-01R	0	PG-WS-1-MUS-CO*		T162	0.0763			1	2017/01/03	2016/02/10 18:00	T187	2016/02/11
B612062	BRP510-01R	1	PG-WS-1-MUS-CO*		T153	0.1728			1	2017/01/03	2016/02/10 18:00	T171	2016/02/11
B612062	BRP511-01R		PG-GP-1-MUS-CO*		T50	0.0191			1	2017/01/03	2016/02/10 18:00	T193	2016/02/11
B612062	BRP512-01R		PG-SMA2-5-MUS-*		T164	0.6344			1	2017/01/03	2016/02/10 18:00	T155	2016/02/11
B612062	BRP513-01R		PG-SMA2-4-MUS-*		T35	0.1339			1	2017/01/03	2016/02/10 18:00	B34	2016/02/11
B612077	BRP572-01R		PG-T0-MUS-COC-*		T9	0.0914			1	2016/10/29	2016/02/10 18:00	T198	2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*		T36	0.2362		5	1		2016/02/22 17:00	T200	2016/02/11
B622429	BUA897-01R		PCB CONGENERS*		T150	0.3555		10X	1		2016/02/21 18:00	T191	2016/02/11
	BLK		Maxsolvent		T38							T17	

Remarks: 2016 02 13 BUA897 1/5 of sample extract used for cleanup MR2

Samples extracted by: Sanjaykumar Patel

Instrumentation performed by: _____

Date: _____

Calculations performed by: _____

Date: _____

Maxxam Analyticals: _____

Date: _____

Job No.	Rep	Client Name	Contact	Client Tier	National
	Remarks				
GB612062	MDG Anchor QEA, LLC	Anchor QEA Reporting	Anchor QEA Reporting		
	PCBCONHR-T ANCHOR QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR EQuis EDD. Please contact client before disposal of samples. Store any remaining mass frozen. Project #: ATSO				
GB612077	MDG Anchor QEA, LLC	Anchor QEA Reporting	Anchor QEA Reporting		
	PCBCONHR-T Anchor QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR EQuis required. Please contact client prior to disposal. Store any remaining mass frozen. Project #: APR4				
FB618913	MDC Maxxam BRL PT Programs	Salima Haniff	Salima Haniff	Tier 4 (Enviro.)	
	Project #: BIPEA JANUARY 2016				
GB622429	MDC Maxxam BRL PT Programs	Salima Haniff	Salima Haniff	Tier 4 (Enviro.)	
	Please report data for DF8290-S and DF1613-S on separate final reports. Refer to the attached sample handling instructions before processing samples. Project #: LPTP16-S1				

Handwritten signature and date:
 2016/02/11

Surrogates/Spikes	Method Spike	Spikes	Samples

Sample	Preparation Remarks

Sample	Instrumentation Remarks

HRMS Sample Information Transfer

Analyst: Saujan

Date: 2016/02/11

WS # 4378609

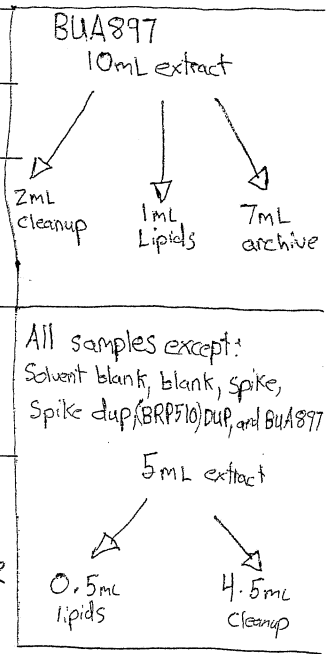
Extraction Status: _____

Roto-Vap Status: Done 2016/02/13 MH

Filtered/Transferred 2016/02/13 MH
Lipids done, started on GPC - MRZ 2016/02/13
rotovaped after GPC 2016/02/14 MH

Cleanup Status: _____

Acid Column Done 2016/02/14 MH
- PCB column done, need to blow down. 2016/02/16 MR



Reacti-Vial: done 2016-02-18 Start 2016/02/18

Completion Date: 2016/02/18

HR Soil/Tissue/Food Tracking Sheet

Solvent	Lot No	Date & Time	WS#
MeC	157981	2016/02/11 4:30pm	13778609
Hexane	157979	2016/02/12 9 am	
Toluene		MRZ	
Iso Octane	157042	2016 02 13	
Na2S2O4	153169	2	
Acetone			
Silica	24		

Extracted by:- SPT
Cleaned up by:- MAA, SPT

ID of Balance Used: Rotovape ID 6, 2, 1, 7

Spiking Witness by: [Signature] 2016/02/11

*Note: If samples are cleaned up by FMS then attach the FMS FCD.

Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID
44% Acid Silica		4%DCM : Hexane		50% Toluene: Ethyl Acet	
33% KOH Silica		Alumina		50%DCM : Hexane	
10% AgNO3		50%DCM : Cyclohex.		Carbon/Cellite	
Surrogate/Spike solutions	Syringe ID	Concentration	Prep. Date/Code	MTD SPK	Mx. Spk.
EPA Mid 23 Internal Std Soln		13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul			
EPA Mid 23 Matrix Spiking Soln		T4-H7DD/DF @ 250pg/ul O8CDD/DF @ 500pg/ul			
EPA Mid 1613 Internal Std. Soln		13C12-T4-H7DD/DF @ 100pg/ul 13C12-O8CDD @ 200pg/ul			
EPA Mid 1613 Matrix Spiking Soln		T4 @ 40 P5-H7DD/DF @ 200 pg/ul O8CDD/DF @ 400 pg/ul			
EPA Mid 1613 Alt. Spike (Clean-up)		37C14-2378-T4CDD @ 40pg/ul			
EPA Region IV (8290) Internal Std Soln		13C12-T4-P5 @ 100pg/ul H6-H7 @ 250 pg/ul 13C12-O8CDD @ 500 pg/ul			
EPA Region IV (8290) Mat. Spiking Soln		T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul			

Solvent/ Absorbent	Lot#/Lab ID	Concentration	Prep. Date/Code	MTD SPK	Mx. Spk.	Samples
1% Deafi. Alumina		5-10 ng/ul				
Surrogate/Spike solutions	Syringe ID	5ng/ul				
CARB 429 Internal Std Soln (PAH)						
CARB 429 Matrix Spiking Soln						

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	MTD SPK	Mx. Spk.	Samples
44% Acid Silica	2016 02 10 07	3% Deactivated Silica	2016-02-08 #2			
Copper	00C	Nonane	HB D876SV			
3% Deactivated Florisil	2016-02-05 #2					
Surrogate/Spike solutions	Syringe ID	Concentration	Prep. Date/Code	MTD SPK	Mx. Spk.	Samples
HR PCB Internal Std Soln	15HRMS-22 ✓	0.4ng/ul	150409 CX40 1/2 ✓	5ml	5ml	5ml
HR PCB Matrix Spiking Soln	15HRMS-23 ✓	0.1ng/ul	150414 CX4 1/2 ✓	10ml	10ml	-
HR PCB Alternate (Clean-up) Spike	14 HRMS-13	0.4ng/ul	15 04 10 CXU 1/2	5 ml	5 ml	5 ml

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	MTD SPK	Mx. Spk.	Samples
Petroleum Ether		1% Deactivated Florisil				
Ethyl Acetate		20% Ethyl Acet: Petroleum Ether				
Surrogate/Spike solutions	Syringe ID	Concentration	Prep. Date/Code	MTD SPK	Mx. Spk.	Samples
HR PCB Internal Std Soln		4ng/ul				
HR PCB Matrix Spiking Soln		5ng/ul				

COMMENTS:-

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PCB CONGENERS IN FISH TISSUE - PT

Sample Item Number SPE068TIS-30G

B622429

Description

The PT sample size provided is 30 g of biological fish matrix. Recommended storage condition is 4° C.

Sample Preparation

Mix Prior to use. Recommended minimum sampling size is 1 gram. Analyze The sample using the preparatory and determinative method(s) for which you are seeking accreditation. Note: Sample extracts and calibration solutions should be in the same solvent. Report on a dry weight basis.



4.3 Sample Chromatograms

Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

Analysis Type :

Maxxam ID # :

Analyte: PCB 105

Instr. File Name : M2160219BS005

Injection Date :
Injection Time :

DAILY RFs
Using post concal

SAMPLE DATA: the following is applicable to all reported HRMS analyte calculations

Analyte Area (Primary + Secondary Ions) =	<input type="text" value="21246"/>	=A	<input type="text"/>
Recovery Standard Area (Primary + Secondary Ions) =	<input type="text" value="1322965"/>	=B	<input type="text"/>
Internal Standard Area (Primary + Secondary Ions) =	<input type="text" value="430449"/>	=C	<input type="text"/>
Amount of Recovery Standard added to the Extract (pg, ng) =	<input type="text" value="11.11"/>	=D	<input type="text"/>
Amount of Internal Std. added to the sample (pg, ng) =	<input type="text" value="2"/>	=E	<input type="text"/>
Average RRF of Analyte =	<input type="text" value="0.977"/>	=F	<input type="text"/>
RRF of Internal Standard =	<input type="text" value="1.822"/>	=G	<input type="text"/>
Amount of Sample Extracted (g or L) =	<input type="text" value="10.091"/>	=H	<input type="text"/>
SPLIT / Dilution Factor =	<input type="text" value="1"/>	=I	<input type="text"/>
Analyte Conc. (pg/g, pg/L, Total pg) = or (ng/g, ng/L, Total ng) =	<input type="text" value="0.01001"/>	=A*E/(C*H*F)*I	<input type="text" value="#DIV/0!"/>
Internal Standard Recovery (%) =	<input type="text" value="99"/>	=C*D*100/(B*E*G)	<input type="text" value="#DIV/0!"/>

Sample ID **BRP572-01R**
 Comments Anchor QEA, PG-T0-5-MUS-COC-151030, Ti
 Instrument File Ultima 2
 Sample Size 10.091 Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	9.00	1143	3.38	1482	-0.00074			-0.00074	*	yes	1.082	-
	MoCB 190	8.99	338	yes						*			
2 PCB 2	188	10.10	468	2.25	676	-0.00064			-0.00064	*	yes	1.248	-
	MoCB 190	10.09	208	no						*			
3 PCB 3	188	10.18	863	0.27	4036	-0.00074			-0.00074	*	Op-O	1.079	-
	MoCB 190	10.19	3173	no						*			
4 PCB 4	222	10.30	3316	1.51	5507	0.00579			-0.00113	0	xL	0.954	-
	DICB 224	10.31	2191	OK						0			
5 PCB 10	222	NotFnd	*	*	*	-0.00092			-0.00092	*	no	1.177	-
	DICB 224	10.39	*	no						*			
6 PCB 9	222	11.20	1306	2.58	1812	-0.00087			-0.00087	*	no	1.357	-
	DICB 224	11.20	506	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.00102			-0.00102	*	no	1.155	-
	DICB 224	11.26	*	no						*			
8 PCB 6	222	11.36	4829	1.37	8355	0.002941			-0.00088	17	no	1.347	-
	DICB 224	11.37	3526	yes						19			
9 PCB 5	222	11.55	23482	1.65	37699	0.015302			-0.00101	74	no	1.169	-
	DICB 224	11.51	14217	yes						75			
10 PCB 8	222	NotFnd	*	*	*	-0.0009			-0.0009	*	no	1.307	-
	DICB 224	11.55	*	no						*			
11 PCB 14	222	NotFnd	*	*	*	-0.00087			-0.00087	*	no	1.351	-
	DICB 224	12.26	*	no						*			
12 PCB 11	222	12.66	15803	1.62	25576	0.009124			-0.00089	41	no	1.33	-
	DICB 224	12.65	9772	yes						36			
13 PCB 13/12	222	12.78	-1127.88	1.56	-1850.88	-0.00071	PCB 13/12 NDR		-0.00095	5	xL	1.241	-
	DICB 224	12.79	-723	OK						4			
14 PCB 15	222	12.95	26549	1.69	42235	0.015072			-0.00136	70	yes	0.871	-
	DICB 224	12.93	15686	yes						65			
15 PCB 19	256	11.68	2632	0.97	5339	0.005932			-0.00081	33	no	0.899	-
	TriCB 258	11.68	2706	yes						37			
16 PCB 30/18	256	12.49	18565	1.02	36752	0.018785			-0.00074	240	no	0.976	-
	TriCB 258	12.48	18187	yes						255			
17 PCB 17	256	12.70	6983	1.09	13367	0.008433			-0.00092	77	no	0.79	-
	TriCB 258	12.69	6384	yes						72			
18 PCB 27	256	12.79	3226	0.99	6477	0.002743			-0.00062	41	yes	1.177	-
	TriCB 258	12.79	3251	yes						44			
19 PCB 24	256	12.85	635	1.02	1258	-0.00076			-0.00076	*	yes	0.948	-
	TriCB 258	12.87	623	yes						*			
20 PCB 16	256	12.91	7057	1.02	14009	0.008806			-0.00091	88	yes	0.793	-
	TriCB 258	12.90	6952	yes						93			
21 PCB 32	256	13.14	12213	1.02	24213	0.009041			-0.00054	150	no	1.335	-
	TriCB 258	13.14	12000	yes						152			
22 PCB 34	256	13.76	456	1.02	902	-0.00068			-0.00068	*	yes	1.484	-
	TriCB 258	13.73	446	no						*			
23 PCB 23	256	NotFnd	*	*	*	-0.0007			-0.0007	*	no	1.446	-
	TriCB 258	13.83	*	no						*			
24 PCB 26/29	256	13.97	11716	1.08	22606	0.006984			-0.00063	41	no	1.614	-
	TriCB 258	13.99	10890	yes						40			
25 PCB 25	256	14.10	6342	1.03	12524	0.003599			-0.00058	21	no	1.735	-
	TriCB 258	14.11	6181	yes						22			
26 PCB 31	256	14.26	61106	1.02	121001	0.032887			-0.00055	216	no	1.835	-
	TriCB 258	14.28	59895	yes						218			
27 PCB 28/20	256	14.43	145628	1.04	285782	0.084395			-0.0006	505	no	1.688	-
	TriCB 258	14.45	140154	yes						500			
28 PCB 21/33	256	14.55	32667	1	65213	0.019024			-0.00059	105	no	1.709	-
	TriCB 258	14.55	32546	yes						109			
29 PCB 22	256	14.77	33884	1.03	66861	0.020856			-0.00063	110	no	1.599	-
	TriCB 258	14.78	32977	yes						112			
30 PCB 36	256	NotFnd	*	*	*	-0.00054			-0.00054	*	no	1.858	-
	TriCB 258	15.62	*	no						*			
31 PCB 39	256	15.83	657	0.83	1445	-0.00067			-0.00067	*	yes	1.519	-
	TriCB 258	15.82	788	no						*			
32 PCB 38	256	NotFnd	*	*	*	-0.00064			-0.00064	*	no	1.574	-
	TriCB 258	16.20	*	no						*			
33 PCB 35	256	16.45	1249	1.16	2328	0.000767			-0.00067	3	no	1.514	-
	TriCB 258	16.47	1079	yes						4			
34 PCB 37	256	16.70	18151	1.1	34691	0.01273			-0.00112	49	no	0.906	-
	TriCB 258	16.72	16539	yes						49			
35 PCB 54	290	13.08	182	1.18	336	-0.00063			-0.00063	*	yes	0.911	-
	TCB 292	13.08	154	no						*			
36 PCB 53/50	290	14.12	6648	0.83	14668	0.009875			-0.00142	29	no	0.77	-
	TCB 292	14.11	8020	yes						27			
37 PCB 45/51	290	14.48	4993	0.8	11207	0.008002			-0.00151	20	no	0.725	-
	TCB 292	14.49	6214	yes						19			
38 PCB 46	290	14.64	2133	0.83	4714	0.004042			-0.00181	9	no	0.604	-
	TCB 292	14.64	2581	yes						8			
39 PCB 52	290	15.38	38769	0.79	88078	0.060663			-0.00145	163	no	0.752	-
	TCB 292	15.38	49309	yes						156			
40 PCB 73	290	NotFnd	*	*	*	-0.00109			-0.00109	*	no	1.002	-
	TCB 292	15.43	*	no						*			
41 PCB 43	290	15.53	1499	0.86	3245	0.00335			-0.00218	6	no	0.502	-
	TCB 292	15.50	1746	yes						5			
42 PCB 69/49	290	15.65	18672	0.81	41611	0.025009			-0.00127	75	no	0.862	-
	TCB 292	15.63	22939	yes						72			

43 PCB 48	290	15.83	7352	0.77	16930	0.012835		-0.0016	30	no	0.683	-
	TCB 292	15.84	9578	yes					30			
44 PCB 44/47/65	290	15.96	35376	0.82	78678	0.052295		-0.0014	115	no	0.779	-
	TCB 292	15.97	43302	yes					109			
45 PCB 59/62/75	290	16.16	-4280.43	0.77	-9839.43	-0.00517	PCB 59/62/75 NDR	-0.00111	18	xL	0.983	-
	TCB 292	16.16	-5559	OK					16			
46 PCB 42	290	16.29	7629	0.78	17410	0.014927		-0.00181	31	no	0.604	-
	TCB 292	16.27	9781	yes					28			
47 PCB 40/41/71	290	16.58	16893	0.83	37219	0.027976		-0.00159	57	no	0.689	-
	TCB 292	16.56	20326	yes					51			
48 PCB 64	290	16.72	12185	0.8	27424	0.015791		-0.00122	47	no	0.9	-
	TCB 292	16.70	15239	yes					45			
49 PCB 72	290	17.20	1028	0.74	2410	-0.00108		-0.00108	*	yes	1.261	-
	TCB 292	17.20	1382	yes					*			
50 PCB 68	290	17.40	784	0.61	2064	-0.00105		-0.00105	*	yes	1.298	-
	TCB 292	17.42	1280	no					*			
51 PCB 57	290	17.70	221	0.6	593	-0.00093		-0.00093	*	yes	1.477	-
	TCB 292	17.68	371	no					*			
52 PCB 58	290	NotFnd	*	*	*	-0.00107		-0.00107	*	no	1.274	-
	TCB 292	17.85	*	no					*			
53 PCB 67	290	17.97	1121	0.79	2538	-0.00083		-0.00083	*	yes	1.647	-
	TCB 292	17.95	1417	yes					*			
54 PCB 63	290	18.15	1405	0.83	3109	0.00105		-0.00089	3	yes	1.533	-
	TCB 292	18.15	1704	yes					3			
55 PCB 61/70/74/76	290	18.36	34267	0.75	79774	0.030104		-0.001	57	yes	1.373	-
	TCB 292	18.36	45507	yes					60			
56 PCB 66	290	18.59	16629	0.78	37914	0.012425		-0.00086	37	yes	1.581	-
	TCB 292	18.60	21285	yes					37			
57 PCB 55	290	NotFnd	*	*	*	-0.00111		-0.00111	*	no	1.229	-
	TCB 292	18.73	*	no					*			
58 PCB 56	290	19.07	2980	0.86	6464	0.002615		-0.00107	7	yes	1.28	-
	TCB 292	19.07	3484	yes					6			
59 PCB 60	290	19.23	2904	0.82	6444	0.002637		-0.00108	7	yes	1.266	-
	TCB 292	19.24	3540	yes					6			
60 PCB 80	290	NotFnd	*	*	*	-0.00086		-0.00086	*	no	1.596	-
	TCB 292	19.50	*	no					*			
61 PCB 79	290	20.64	524	0.67	1301	-0.00081		-0.00081	*	yes	1.695	-
	TCB 292	20.63	777	yes					*			
62 PCB 78	290	NotFnd	*	*	*	-0.00095		-0.00095	*	no	1.435	-
	TCB 292	21.08	*	no					*			
63 PCB 81	290	NotFnd	*	*	*	-0.00133		-0.00133	*	no	1.027	-
	TCB 292	21.45	*	no					*			
64 PCB 77	290	21.89	1817	0.86	3939	0.001608		-0.00127	4	yes	1.077	-
	TCB 292	21.89	2122	yes					3			
65 PCB 104	326	NotFnd	*	*	*	-0.00054		-0.00054	*	no	1.094	-
	PeCB 328	15.94	*	no					*			
66 PCB 96	326	16.18	437	1.93	662	-0.00074		-0.00074	*	yes	0.802	-
	PeCB 328	16.15	226	no					*			
67 PCB 103	326	17.33	961	1.72	1519	0.001066		-0.00083	4	yes	0.714	-
	PeCB 328	17.31	558	yes					4			
68 PCB 94	326	17.47	343	1.76	537	-0.00114		-0.00114	*	yes	0.521	-
	PeCB 328	17.47	195	yes					*			
69 PCB 95	326	17.77	20589	1.62	33275	0.025989		-0.00093	91	yes	0.641	-
	PeCB 328	17.76	12686	yes					85			
70 PCB 100/93/102/98	326	18.00	2153	1.77	3372	0.003019		-0.00106	6	yes	0.559	-
	PeCB 328	17.91	1219	yes					6			
71 PCB 88/91	326	18.36	1848	1.78	2886	0.002534		-0.00104	8	yes	0.57	-
	PeCB 328	18.33	1039	yes					6			
72 PCB 84	326	18.52	2658	1.75	4179	0.004259		-0.00121	11	yes	0.491	-
	PeCB 328	18.49	1520	yes					10			
73 PCB 89	326	NotFnd	*	*	*	-0.0011		-0.0011	*	no	0.541	-
	PeCB 328	18.84	*	no					*			
74 PCB 121	326	NotFnd	*	*	*	-0.00081		-0.00081	*	no	0.733	-
	PeCB 328	19.08	*	no					*			
75 PCB 92	326	19.36	6630	1.62	10726	0.009212		-0.00102	27	no	0.583	-
	PeCB 328	19.35	4096	yes					26			
76 PCB 113/90/101	326	19.80	36780	1.61	59582	0.043944		-0.00088	147	no	0.679	-
	PeCB 328	19.76	22803	yes					141			
77 PCB 83/99	326	20.23	25889	1.65	41536	0.04015		-0.00115	99	no	0.518	-
	PeCB 328	20.22	15647	yes					93			
78 PCB 112	326	NotFnd	*	*	*	-0.00072		-0.00072	*	no	0.83	-
	PeCB 328	20.30	*	no					*			
79 PCB 109/119/86/97/125/	326	20.62	11780	1.66	18887	0.014178		-0.00089	30	yes	0.667	-
	PeCB 328	20.62	7106	yes					28			
80 PCB 117/116/85	326	21.19	4967	1.55	8175	0.005709		-0.00083	18	no	0.717	-
	PeCB 328	21.19	3208	yes					18			
81 PCB 110/115	326	21.32	23062	1.63	37221	0.027773		-0.00089	84	no	0.671	-
	PeCB 328	21.32	14159	yes					79			
82 PCB 82	326	21.58	1229	1.76	1927	0.001878		-0.00116	4	no	0.514	-
	PeCB 328	21.59	698	yes					4			
83 PCB 111	326	NotFnd	*	*	*	-0.00079		-0.00079	*	no	0.749	-
	PeCB 328	21.85	*	no					*			
84 PCB 120	326	22.24	457	1.54	754	-0.0007		-0.0007	*	yes	0.853	-
	PeCB 328	22.25	296	yes					*			
85 PCB 108/124	326	23.21	1732	1.41	2963	0.001186		-0.00095	3	yes	1.251	-
	PeCB 328	23.21	1231	yes					3			
86 PCB 107	326	23.42	4710	1.41	8047	0.003066		-0.0009	8	yes	1.314	-
	PeCB 328	23.40	3337	yes					9			
87 PCB 123	326	23.51	678	1.76	1063	-0.00133		-0.00133	*	yes	0.894	-
	PeCB 328	23.51	385	yes					*			
88 PCB 106	326	NotFnd	*	*	*	-0.00086		-0.00086	*	no	1.375	-
	PeCB 328	23.63	*	no					*			
89 PCB 118	326	23.81	41418	1.58	67685	0.030444		-0.00121	73	no	0.981	-
	PeCB 328	23.80	26268	yes					72			

90 PCB 122	326	NotFnd	*	*	*	-0.00097		-0.00097	*	no	1.222	-
	PeCB 328	24.08	*	no					*			
91 PCB 114	326	NotFnd	*	*	*	-0.00118		-0.00118	*	no	1.01	-
	PeCB 328	24.28	*	no					*			
92 PCB 105	326	24.84	13222	1.65	21246	0.010017		-0.00122	22	no	0.977	-
	PeCB 328	24.85	8024	yes					21			
93 PCB 127	326	NotFnd	*	*	*	-0.00088		-0.00088	*	no	1.348	-
	PeCB 328	26.20	*	no					*			
94 PCB 126	326	27.73	223	1.96	337	-0.00122		-0.00122	*	yes	0.977	-
	PeCB 328	27.72	114	no					*			
95 PCB 155	360	NotFnd	*	*	*	-0.00069		-0.00069	*	no	0.997	-
	HxCB 362	19.63	*	no					*			
96 PCB 152	360	NotFnd	*	*	*	-0.00101		-0.00101	*	no	0.675	-
	HxCB 362	19.78	*	no					*			
97 PCB 150	360	NotFnd	*	*	*	-0.00107		-0.00107	*	no	0.639	-
	HxCB 362	19.88	*	no					*			
98 PCB 136	360	20.20	2723	1.31	4801	0.003953		-0.00102	15	no	0.672	-
	HxCB 362	20.18	2078	yes					14			
99 PCB 145	360	NotFnd	*	*	*	-0.00118		-0.00118	*	no	0.579	-
	HxCB 362	20.41	*	no					*			
100 PCB 148	360	21.57	132	0.98	267	-0.0014		-0.0014	*	yes	0.487	-
	HxCB 362	21.55	135	no					*			
101 PCB 151/135	360	22.05	8165	1.39	14040	0.017241		-0.00151	36	yes	0.451	-
	HxCB 362	22.04	5875	yes					32			
102 PCB 154	360	22.24	1010	1.26	1811	0.001842		-0.00126	5	yes	0.544	-
	HxCB 362	22.22	801	yes					5			
103 PCB 144	360	22.51	728	1.16	1357	0.001556		-0.00141	4	yes	0.483	-
	HxCB 362	22.51	629	yes					4			
104 PCB 147/149	360	22.80	24638	1.3	43608	0.037301		-0.00128	95	yes	0.647	-
	HxCB 362	22.80	18970	yes					91			
105 PCB 134/143	360	22.99	1243	1.12	2350	0.002311		-0.00147	5	yes	0.563	-
	HxCB 362	23.06	1106	yes					5			
106 PCB 139/140	360	23.33	662	1.59	1080	-0.0013		-0.0013	*	yes	0.639	-
	HxCB 362	23.31	418	no					*			
107 PCB 131	360	NotFnd	*	*	*	-0.00162		-0.00162	*	no	0.513	-
	HxCB 362	23.49	*	no					*			
108 PCB 142	360	NotFnd	*	*	*	-0.00142		-0.00142	*	no	0.583	-
	HxCB 362	23.65	*	no					*			
109 PCB 132	360	23.88	2945	1.42	5026	0.005321		-0.00158	11	yes	0.523	-
	HxCB 362	23.88	2081	yes					10			
110 PCB 133	360	24.31	-871	1.24	-1573.42	-0.00135	PCB 133 NDR	-0.00133	4	xL	0.623	-
	HxCB 362	24.31	-702.419	OK					5			
111 PCB 165	360	NotFnd	*	*	*	-0.00116		-0.00116	*	no	0.714	-
	HxCB 362	24.68	*	no					*			
112 PCB 146	360	24.88	8846	1.27	15825	0.013199		-0.00125	32	yes	0.663	-
	HxCB 362	24.88	6979	yes					34			
113 PCB 161	360	NotFnd	*	*	*	-0.00093		-0.00093	*	no	0.888	-
	HxCB 362	25.03	*	no					*			
114 PCB 153/168	360	25.45	59873	1.3	105801	0.073915		-0.00105	223	no	0.792	-
	HxCB 362	25.47	45927	yes					213			
115 PCB 141	360	25.63	1026	1.17	1903	0.001695		-0.00133	4	no	0.621	-
	HxCB 362	25.62	877	yes					4			
116 PCB 130	360	26.00	1619	1.1	3091	0.003064		-0.00149	6	yes	0.558	-
	HxCB 362	26.00	1473	yes					7			
117 PCB 137	360	26.22	596	1.41	1019	-0.00147		-0.00147	*	yes	0.563	-
	HxCB 362	26.21	422	yes					*			
118 PCB 164	360	26.32	1218	1.38	2102	0.001407		-0.001	5	yes	0.826	-
	HxCB 362	26.30	884	yes					4			
119 PCB 138/163/129	360	26.61	38138	1.27	68238	0.058639		-0.00129	141	yes	0.644	-
	HxCB 362	26.62	30100	yes					136			
120 PCB 160	360	NotFnd	*	*	*	-0.00115		-0.00115	*	no	0.723	-
	HxCB 362	26.80	*	no					*			
121 PCB 158	360	26.98	3037	1.26	5440	0.003303		-0.00091	11	no	0.911	-
	HxCB 362	26.98	2402	yes					10			
122 PCB 128/166	360	27.82	5082	1.39	8747	0.00691		-0.00118	15	yes	0.7	-
	HxCB 362	27.80	3665	yes					15			
123 PCB 159	360	NotFnd	*	*	*	-0.0006		-0.0006	*	no	1.379	-
	HxCB 362	28.78	*	no					*			
124 PCB 162	360	NotFnd	*	*	*	-0.00066		-0.00066	*	no	1.254	-
	HxCB 362	29.07	*	no					*			
125 PCB 167	360	29.53	2160	1.23	3915	0.001776		-0.00088	7	no	0.946	-
	HxCB 362	29.55	1755	yes					7			
126 PCB 156/157	360	30.68	3625	1.33	6341	0.002901		-0.00082	9	no	1.017	-
	HxCB 362	30.71	2716	yes					9			
127 PCB 169	360	NotFnd	*	*	*	-0.00087		-0.00087	*	no	0.954	-
	HxCB 362	34.13	*	no					*			
128 PCB 188	394	NotFnd	*	*	*	-0.00135		-0.00135	*	no	1.012	-
	HpCB 396	24.23	*	no					*			
129 PCB 179	394	24.54	2474	1.12	4688	0.003436		-0.00135	8	no	1.016	-
	HpCB 396	24.52	2214	yes					8			
130 PCB 184	394	NotFnd	*	*	*	-0.00146		-0.00146	*	no	0.937	-
	HpCB 396	25.00	*	no					*			
131 PCB 176	394	25.34	613	1.04	1201	-0.00138		-0.00138	*	yes	0.993	-
	HpCB 396	25.32	588	yes					*			
132 PCB 186	394	NotFnd	*	*	*	-0.00158		-0.00158	*	no	0.865	-
	HpCB 396	25.75	*	no					*			
133 PCB 178	394	27.02	1569	1.16	2927	0.003176		-0.002	5	yes	0.686	-
	HpCB 396	27.01	1358	yes					5			
134 PCB 175	394	NotFnd	*	*	*	-0.00197		-0.00197	*	no	0.696	-
	HpCB 396	27.62	*	no					*			
135 PCB 187	394	27.89	8779	1.08	16938	0.018741		-0.00203	29	no	0.673	-
	HpCB 396	27.88	8159	yes					27			
136 PCB 182	394	NotFnd	*	*	*	-0.00203		-0.00203	*	no	0.674	-
	HpCB 396	28.10	*	no					*			

137 PCB 183	394	28.50	4185	1.08	8057	0.005202	-0.00143	11	no	1.153	-
	HpCB 396	28.51	3872	yes				10			
138 PCB 185	394	NotFnd	*	*	*	-0.00205	-0.00205	*	no	0.805	-
	HpCB 396	28.58	*	no				*			
139 PCB 174	394	28.73	469	1.19	863	-0.00175	-0.00175	*	yes	0.947	-
	HpCB 396	28.74	395	yes				*			
140 PCB 177	394	29.16	2999	1.05	5866	0.004744	-0.0018	8	no	0.921	-
	HpCB 396	29.16	2867	yes				8			
141 PCB 181	394	NotFnd	*	*	*	-0.00187	-0.00187	*	no	0.885	-
	HpCB 396	29.57	*	no				*			
142 PCB 171/173	394	29.78	1249	1	2501	0.002074	-0.00184	3	no	0.898	-
	HpCB 396	29.80	1252	yes				3			
143 PCB 172	394	NotFnd	*	*	*	-0.00184	-0.00184	*	no	0.898	-
	HpCB 396	31.44	*	no				*			
144 PCB 192	394	NotFnd	*	*	*	-0.00159	-0.00159	*	no	1.043	-
	HpCB 396	31.76	*	no				*			
145 PCB 193/180	394	32.15	6861	1.18	12697	0.009139	-0.00117	15	yes	1.408	-
	HpCB 396	32.08	5836	yes				15			
146 PCB 191	394	NotFnd	*	*	*	-0.00133	-0.00133	*	no	1.24	-
	HpCB 396	32.50	*	no				*			
147 PCB 170	394	33.45	1501	1.11	2849	0.002515	-0.0013	3	yes	1.271	-
	HpCB 396	33.47	1348	yes				4			
148 PCB 190	394	NotFnd	*	*	*	-0.0013	-0.0013	*	no	1.277	-
	HpCB 396	34.04	*	no				*			
149 PCB 189	394	36.87	405	0.84	887	-0.00052	-0.00052	*	yes	0.944	-
	HpCB 396	36.88	482	no				4			
150 PCB 202	428	29.28	838	0.98	1697	0.001817	-0.00119	4	yes	0.988	-
	OcCB 430	29.28	859	yes				4			
151 PCB 201	428	30.21	350	0.82	776	-0.0011	-0.0011	*	yes	1.068	-
	OcCB 430	30.18	426	yes				*			
152 PCB 204	428	NotFnd	*	*	*	-0.00112	-0.00112	*	no	1.052	-
	OcCB 430	30.89	*	no				*			
153 PCB 197	428	NotFnd	*	*	*	-0.00123	-0.00123	*	no	0.951	-
	OcCB 430	31.12	*	no				*			
154 PCB 200	428	NotFnd	*	*	*	-0.00111	-0.00111	*	no	1.056	-
	OcCB 430	31.24	*	no				*			
155 PCB 198/199	428	34.22	239	0.6	634	-0.00167	-0.00167	*	yes	0.702	-
	OcCB 430	34.19	395	no				*			
156 PCB 196	428	34.94	141	0.67	352	-0.0016	-0.0016	*	yes	0.734	-
	OcCB 430	34.93	211	no				*			
157 PCB 203	428	35.14	453	0.71	1096	-0.00165	-0.00165	*	yes	0.711	-
	OcCB 430	35.12	643	no				*			
158 PCB 195	428	NotFnd	*	*	*	-0.001	-0.001	*	no	1.046	-
	OcCB 430	36.60	*	no				*			
159 PCB 194	428	39.21	792	0.92	1654	0.001234	-0.00093	3	yes	1.119	-
	OcCB 430	39.22	862	yes				3			
160 PCB 205	428	NotFnd	*	*	*	-0.00096	-0.00096	*	no	1.091	-
	OcCB 430	39.77	*	no				*			
161 PCB 208	462	NotFnd	*	*	*	-0.00084	-0.00084	*	no	1.023	-
	NoCB 464	36.33	*	no				*			
162 PCB 207	462	NotFnd	*	*	*	-0.00066	-0.00066	*	no	1.304	-
	NoCB 464	37.35	*	no				*			
163 PCB 206	462	NotFnd	*	*	*	-0.00084	-0.00084	*	no	1.027	-
	NoCB 464	41.71	*	no				*			
164 PCB 209	498	43.59	225	1.04	441	-0.00091	-0.00091	*	yes	1.04	-
	DCB 500	43.56	216	yes				*			
165 PCB 1L	200	8.99	308872	3.39	399934	0.136547	0	8968	no	0.824	69
	202	8.97	91062	yes				496			
166 PCB 3L	200	10.18	302596	3.46	390004	0.128693	0	8602	no	0.852	65
	202	10.18	87408	yes				471			
167 PCB 4L	234	10.30	121939	1.61	197748	0.102499	0	3142	no	0.543	52
	236	10.28	75809	yes				4334			
168 PCB 15L	234	12.93	399659	1.68	637954	0.167016	0	876	no	1.074	84
	236	12.91	238295	yes				1848			
169 PCB 19L	268	11.68	102892	1.08	198487	0.096547	0.001	205	no	0.578	49
	270	11.68	95595	yes				373			
170 PCB 37L	268	16.70	310319	1.08	596441	0.216615	0.001	416	no	1.987	109
	270	16.69	286122	yes				604			
171 PCB 54L	302	13.06	103921	0.8	234099	0.13019	0	871	no	1.297	66
	304	13.07	130178	yes				2445			
172 PCB 81L	302	21.42	205060	0.79	463058	0.192238	0	995	no	1.738	97
	304	21.42	257998	yes				3122			
173 PCB 77L	302	21.87	198267	0.79	450549	0.193827	0	925	no	1.677	98
	304	21.85	252282	yes				2967			
174 PCB 104L	338	15.92	128060	1.6	207915	0.149718	0	6706	no	1.156	76
	340	15.93	79855	yes				4471			
175 PCB 123L	338	23.49	291101	1.66	466761	0.20065	0	3759	no	1.936	101
	340	23.50	175659	yes				2669			
176 PCB 118L	338	23.77	282552	1.7	448936	0.196032	0	3568	no	1.906	99
	340	23.76	166385	yes				2489			
177 PCB 114L	338	24.26	264839	1.65	424965	0.199482	0	3347	no	1.773	101
	340	24.26	160126	yes				2417			
178 PCB 105L	338	24.83	269268	1.67	430449	0.19656	0	3356	no	1.822	99
	340	24.81	161181	yes				2404			
179 PCB 126L	338	27.69	262418	1.61	425853	0.204201	0	2999	no	1.735	103
	340	27.68	163434	yes				2166			
180 PCB 155L	372	19.61	126113	1.28	224257	0.138829	0	9460	no	1.404	70
	374	19.61	98144	yes				4221			
181 PCB 167L	372	29.52	260833	1.3	461963	0.190244	0	3596	no	2.11	96
	374	29.49	201130	yes				2470			
182 PCB 156L/157L	372	30.68	478227	1.28	851872	0.385321	0	5428	no	1.921	97
	374	30.69	373845	yes				3841			
183 PCB 169L	372	34.10	180586	1.29	320714	0.147731	0	2208	no	1.886	75
	374	34.07	140128	yes				1575			

184 PCB 188L	406	24.20	105998	1.04	208028	0.135965	0	4250	no	1.329	69
	408	24.21	102030	yes				4203			
185 PCB 180L	406	32.11	101269	1.07	195619	0.126259	0	3997	no	1.349	64
	408	32.09	94350	yes				2836			
186 PCB 170L	406	33.44	91663	1.08	176651	0.130288	0	3463	no	1.18	66
	408	33.42	84989	yes				2495			
187 PCB 189L	406	36.85	247134	1.04	484237	0.195376	0	3952	no	2.157	99
	408	36.83	237103	yes				5527			
188 PCB 202L	440	29.25	89332	0.91	187404	0.114916	0	4079	no	1.419	58
	442	29.27	98072	yes				3460			
189 PCB 205L	440	39.73	137142	0.91	287725	0.163544	0	1397	no	1.531	83
	442	39.73	150582	yes				2477			
190 PCB 208L	474	36.29	78459	0.79	177388	0.135506	0	2197	no	1.139	68
	476	36.28	98928	yes				2947			
191 PCB 206L	474	41.71	58559	0.76	135228	0.154964	0	1588	no	0.76	78
	476	41.73	76670	yes				2164			
192 PCB 209L	510	43.56	72088	1.21	131791	0.158371	0	6858	no	0.724	80
	512	43.53	59703	yes				2659			
193 PCB 28L	268	14.41	434392	1.08	834885	0.295371	0.001	672	no	2.039	134
PCB Cleanup Standard	270	14.43	400493	yes				999			
194 PCB 111L	338	21.85	224307	1.65	360396	0.223309	0	6955	no	1.343	102
PCB Cleanup Standard	340	21.84	136089	yes				3980			
195 PCB 178L	406	27.00	84338	1.04	165811	0.196566	0	3229	no	0.733	89
PCB Cleanup Standard	408	26.97	81473	yes				3186			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.26	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	25.41	3301	1.18	6100	0.004326	0	69	no	1.225	2
PCB Audit Standard	374	25.40	2799	yes				89			
199 PCB 9L	234	11.18	2441389	1.66	3914287	9.22816	-	5913	no	-	-
PCB Recovery Standard	236	11.19	1472898	yes				12501			
200 PCB 52L	302	15.36	679579	0.8	1525962	6.857301	-	8605	no	-	-
PCB Recovery Standard	304	15.36	846383	yes				19772			
201 PCB 101L	338	19.77	816399	1.61	1322965	7.378356	-	27037	no	-	-
PCB Recovery Standard	340	19.76	506566	yes				15819			
202 PCB 138L	372	26.57	718157	1.31	1267098	7.838556	-	14129	no	-	-
PCB Recovery Standard	374	26.56	548940	yes				17581			
203 PCB 194L	440	39.18	609100	0.93	1264868	9.392273	-	6118	no	-	-
PCB Recovery Standard	442	39.17	655767	yes				10736			
Chlorobiphenyls						-0.00074	0	-0.00074			
Dichlorobiphenyls						0.048229	5	-0.00136			
Trichlorobiphenyls						0.234982	14	-0.00112			
Tetrachlorobiphenyls						0.285204	17	-0.00218			
Pentachlorobiphenyls						0.224424	16	-0.00133			
Hexachlorobiphenyls						0.236334	17	-0.00162			
Heptachlorobiphenyls						0.049027	8	-0.00205			
Octachlorobiphenyls						0.003051	2	-0.00167			
Nonachlorobiphenyls						-0.00084	0	-0.00084			
Decachlorobiphenyl						-0.00091	0	-0.00091			
PCB (total)						1.081251					

Acquired Date

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Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

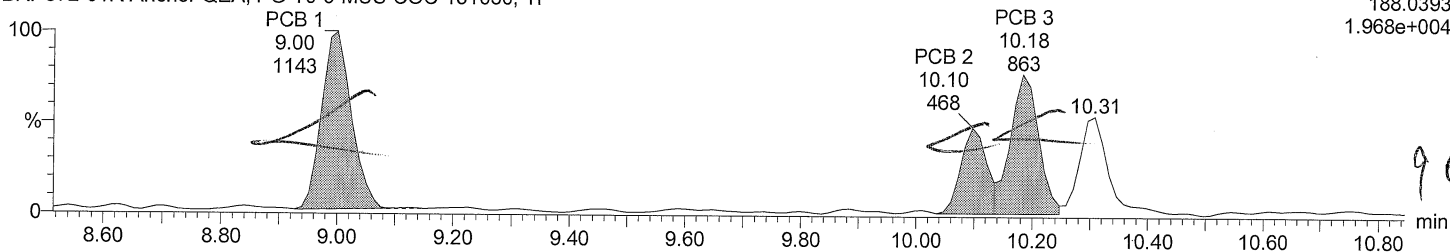
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Instrument: Autospec-UltimaE

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BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

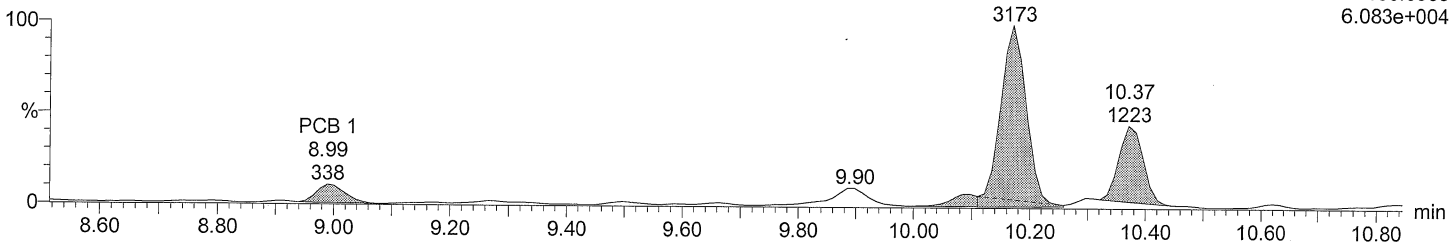
F1:SIR of 10 channels,EI+
188.0393
1.968e+004



Total MoCB F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

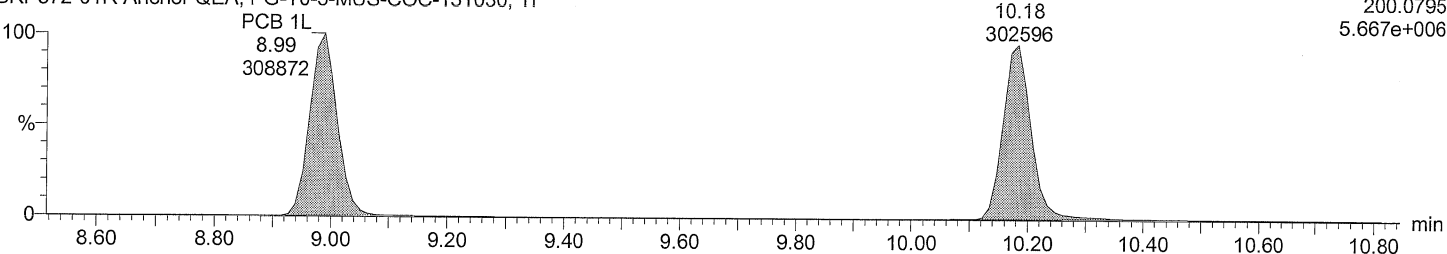
F1:SIR of 10 channels,EI+
190.0363
6.083e+004



Total MoCB labeled F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

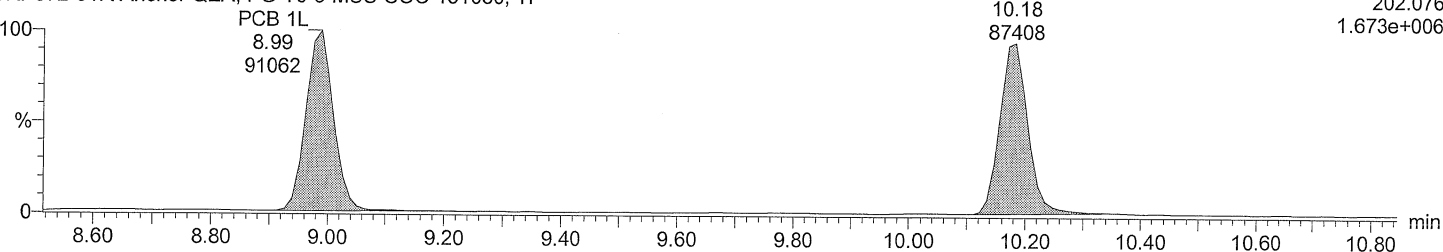
F1:SIR of 10 channels,EI+
200.0795
5.667e+006



Total MoCB labeled F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F1:SIR of 10 channels,EI+
202.076
1.673e+006



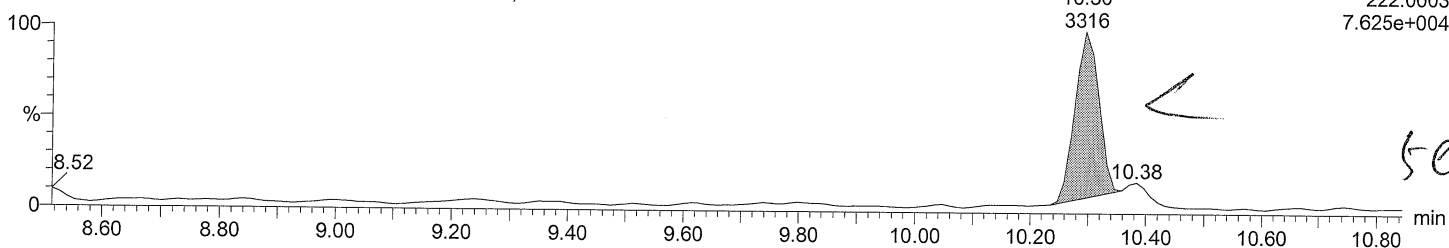
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Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

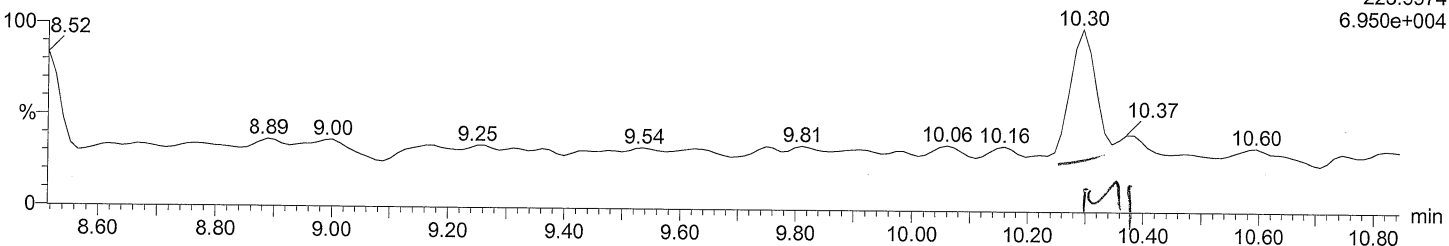
Total DiCB F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



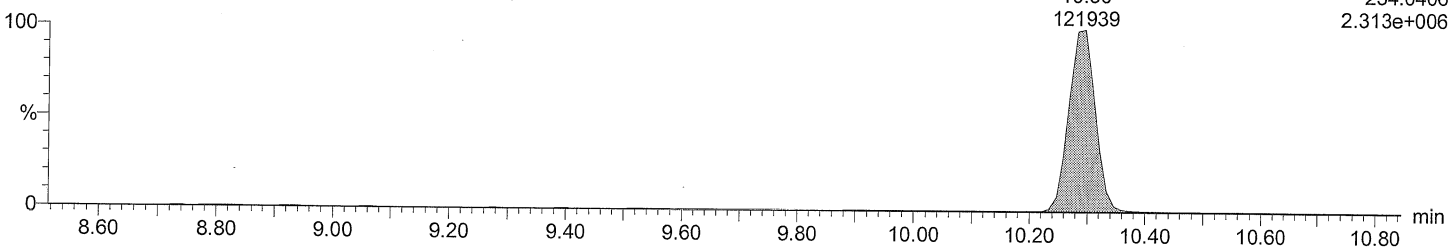
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M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



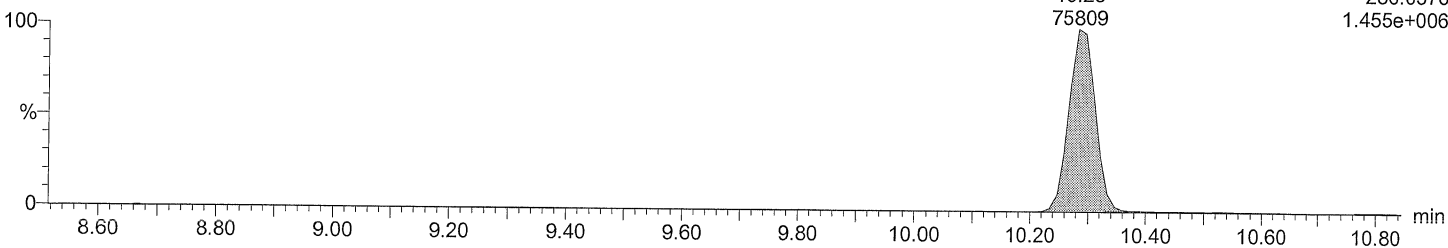
Total DiCB labeled F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



Total DiCB labeled F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



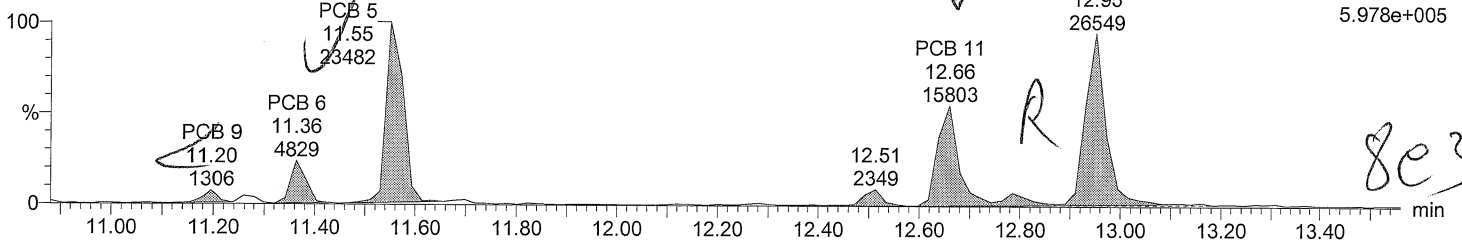
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Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total DiCB F2

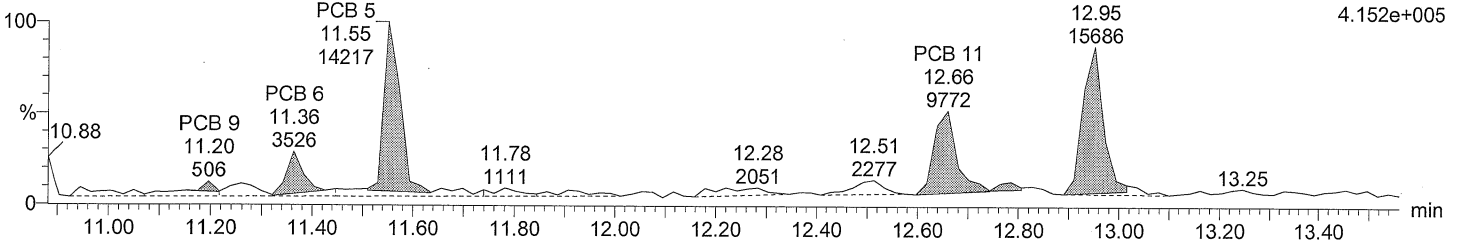
M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



F2:SIR of 16 channels,EI+
222.0003
5.978e+005

Total DiCB F2

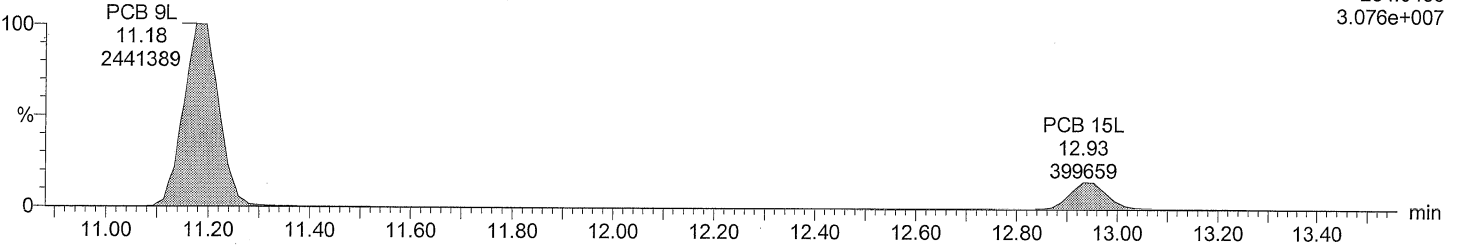
M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



F2:SIR of 16 channels,EI+
223.9974
4.152e+005

Total DiCB labeled F2

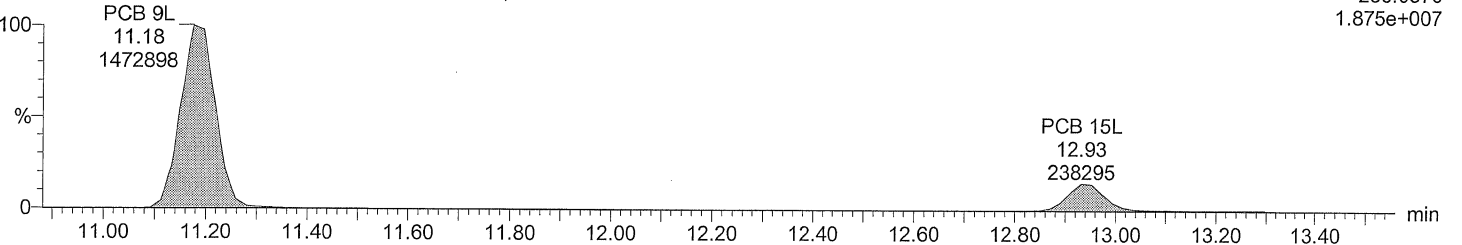
M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



F2:SIR of 16 channels,EI+
234.0406
3.076e+007

Total DiCB labeled F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



F2:SIR of 16 channels,EI+
236.0376
1.875e+007

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

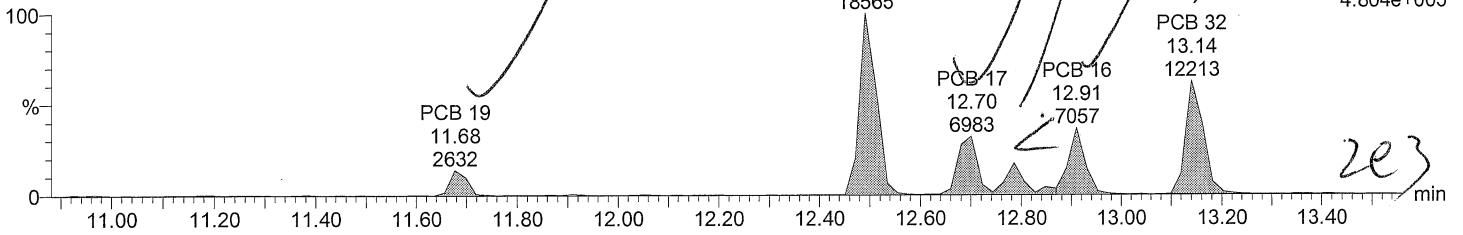
Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total TriCB F2

M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

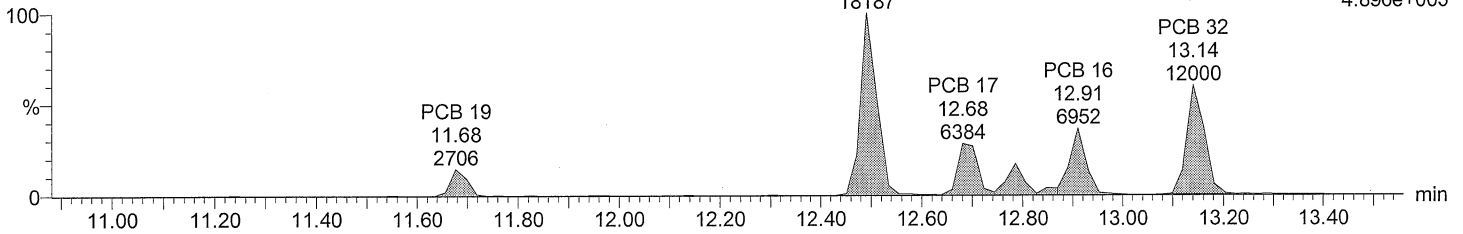
F2:SIR of 16 channels, EI+
255.9614
4.804e+005



Total TriCB F2

M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

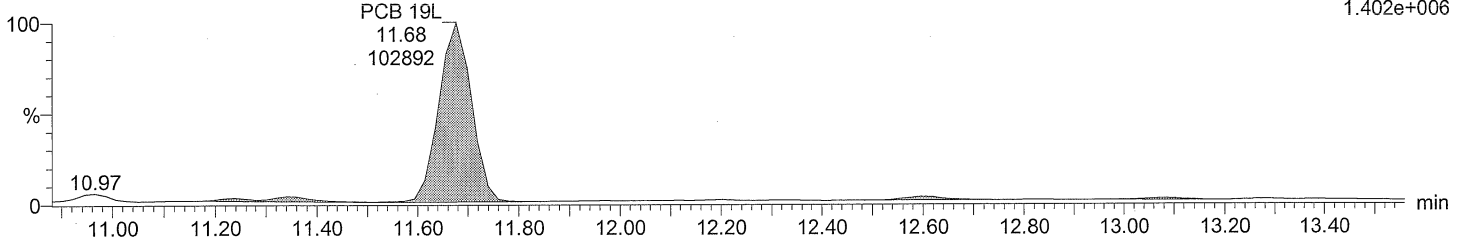
F2:SIR of 16 channels, EI+
257.9584
4.896e+005



Total TriCB labeled F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

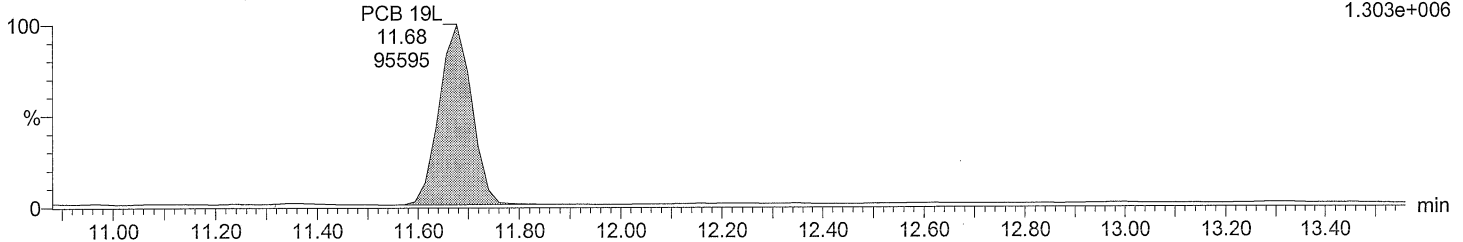
F2:SIR of 16 channels, EI+
268.0016
1.402e+006



Total TriCB labeled F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F2:SIR of 16 channels, EI+
269.9986
1.303e+006

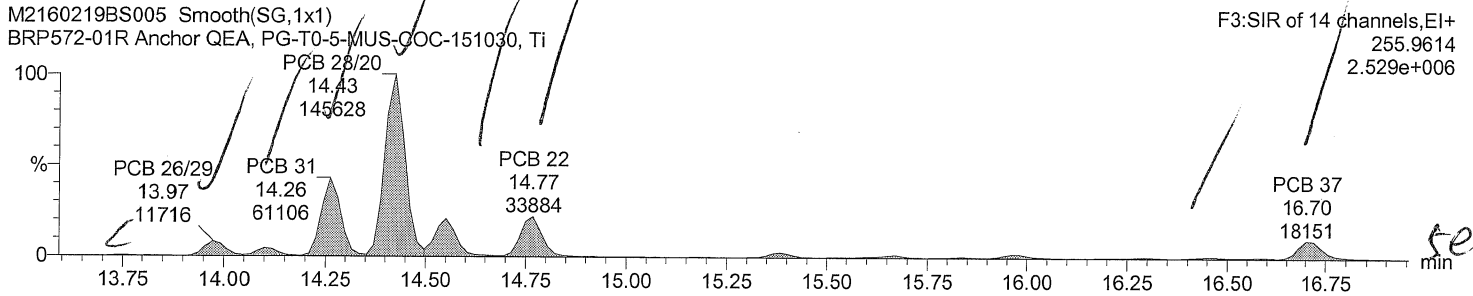


Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

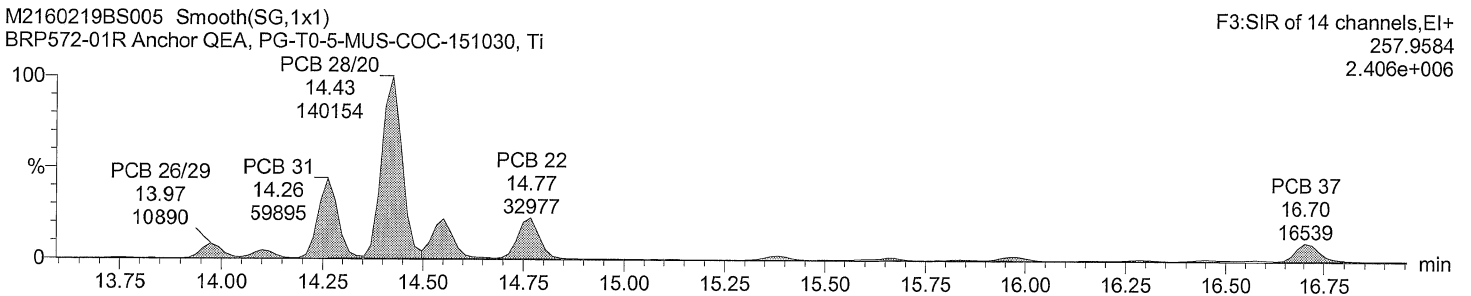
Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

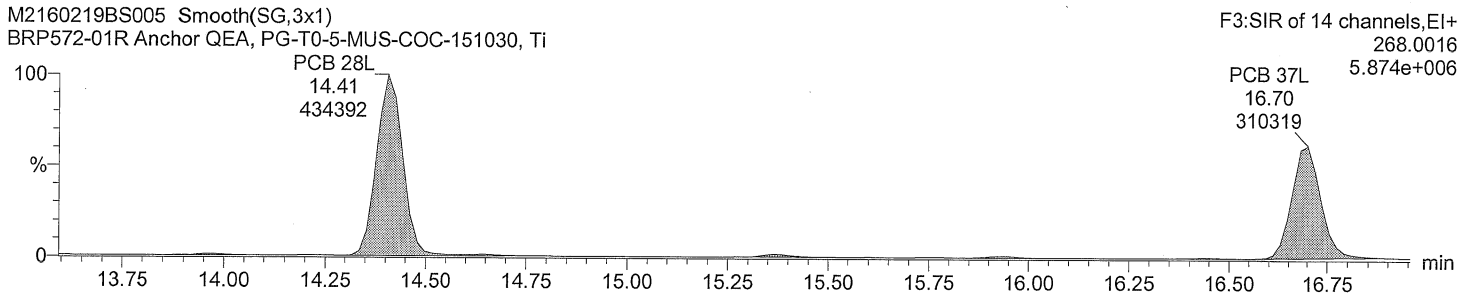
Total TriCB F3



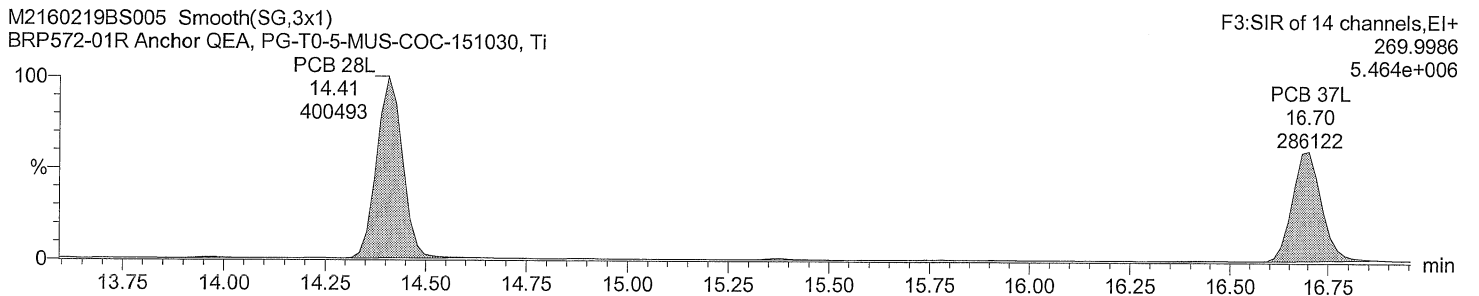
Total TriCB F3



Total TriCB labeled F3



Total TriCB labeled F3



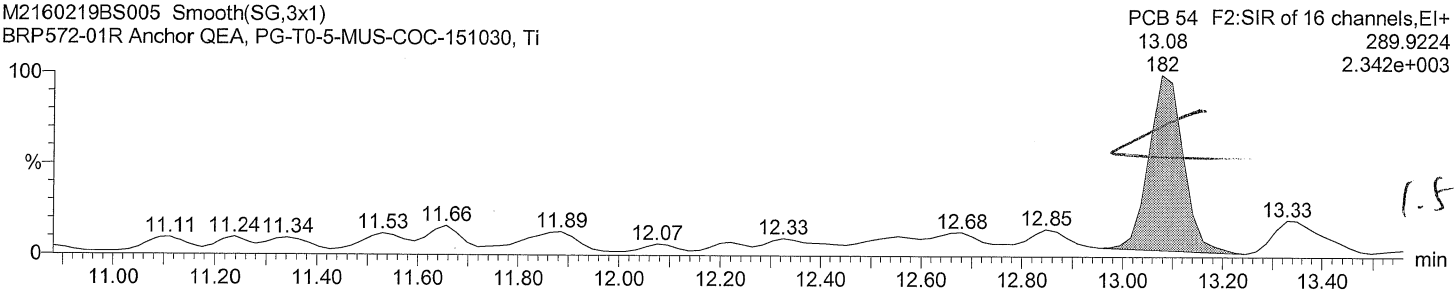
Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

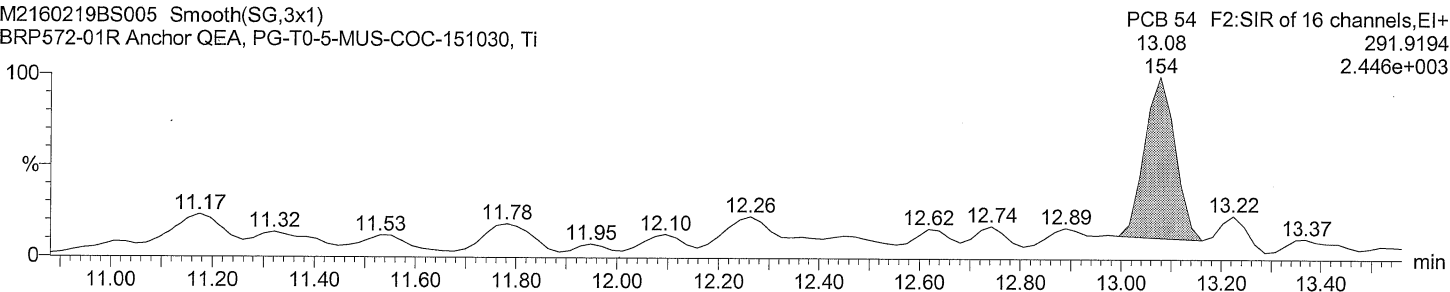
Total TeCB F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



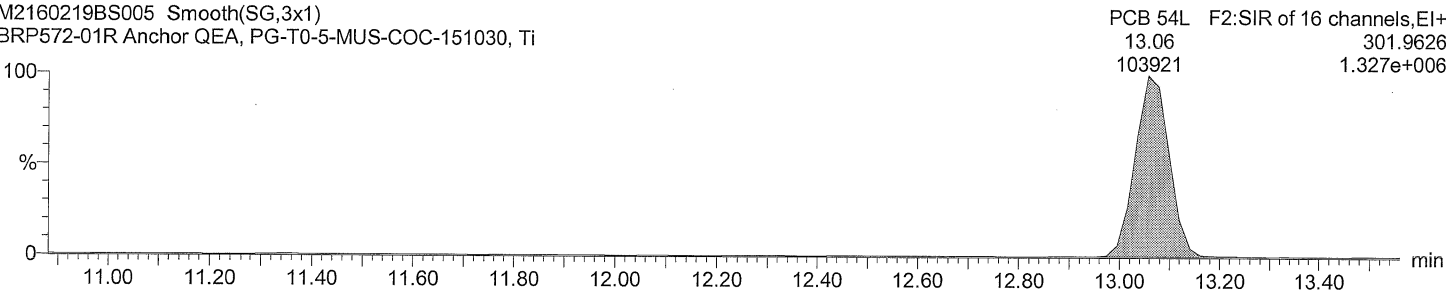
Total TeCB F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



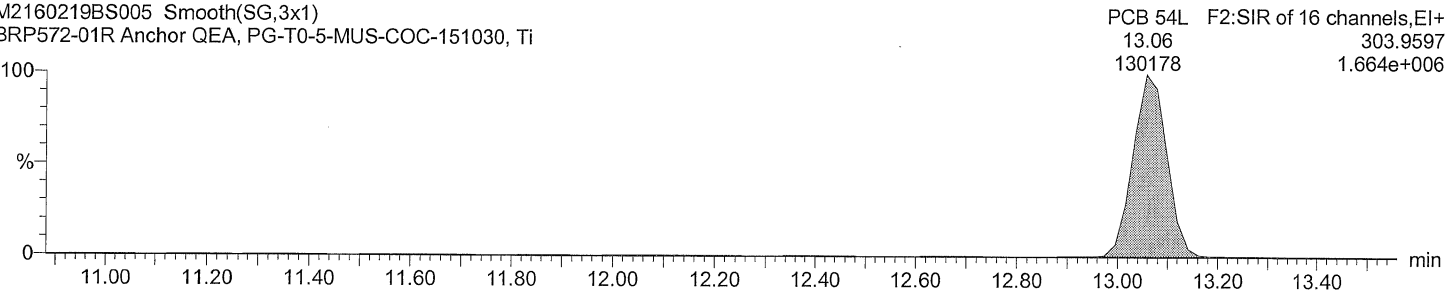
Total TeCB labeled F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Total TeCB labeled F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

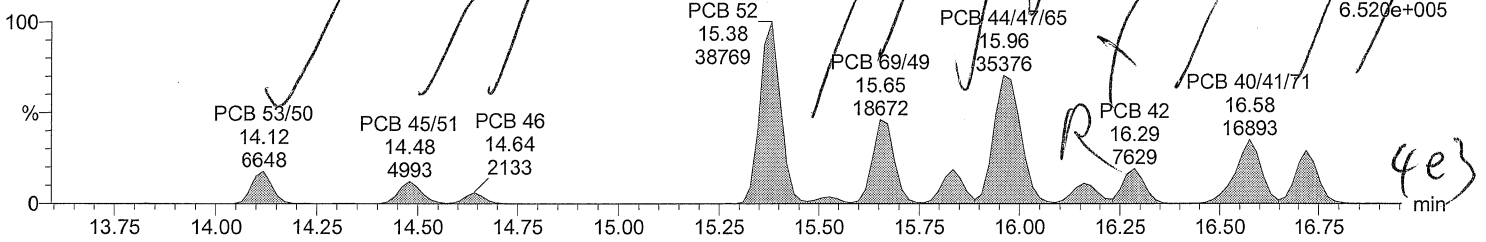
Time: 15:28:13

Instrument: Autospec-UltimaE

Total TeCB F3

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

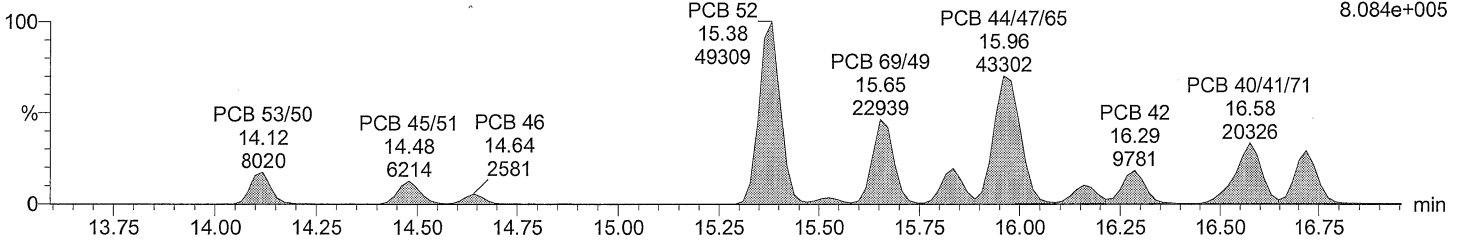
F3:SIR of 14 channels, EI+
289.9224
6.520e+005



Total TeCB F3

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

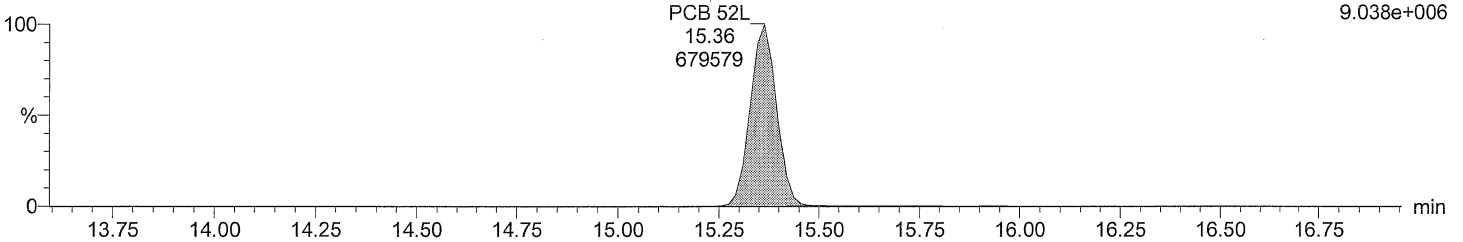
F3:SIR of 14 channels, EI+
291.9194
8.084e+005



Total TeCB labeled F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

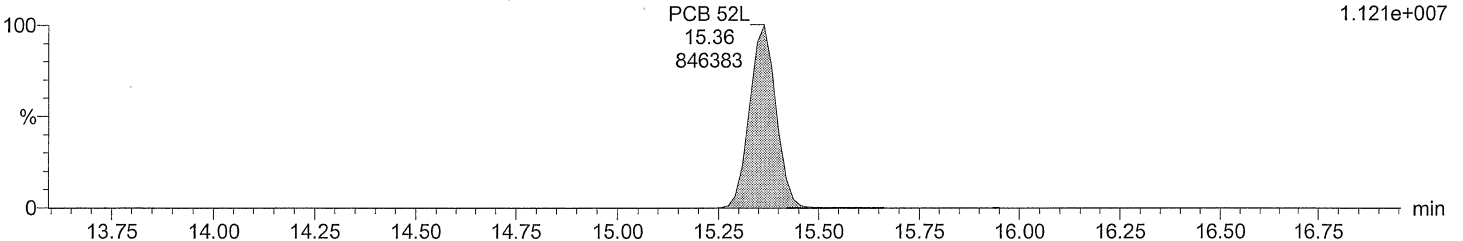
F3:SIR of 14 channels, EI+
301.9626
9.038e+006



Total TeCB labeled F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F3:SIR of 14 channels, EI+
303.9597
1.121e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

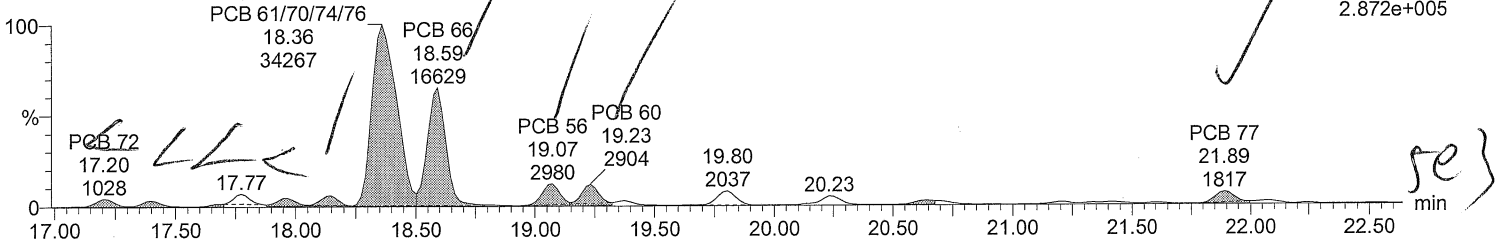
Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total TeCB F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

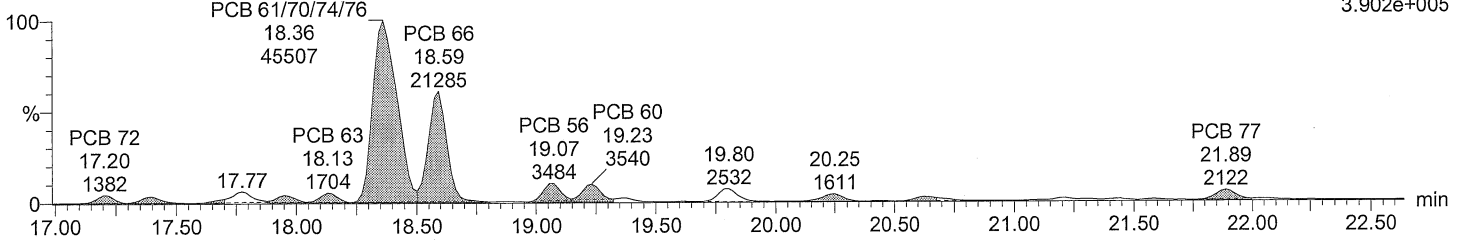
F4:SIR of 14 channels, EI+
289.9224
2.872e+005



Total TeCB F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

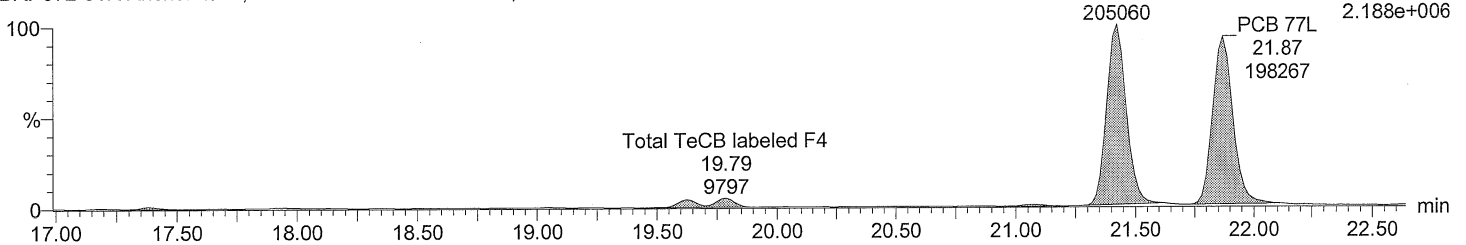
F4:SIR of 14 channels, EI+
291.9194
3.902e+005



Total TeCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

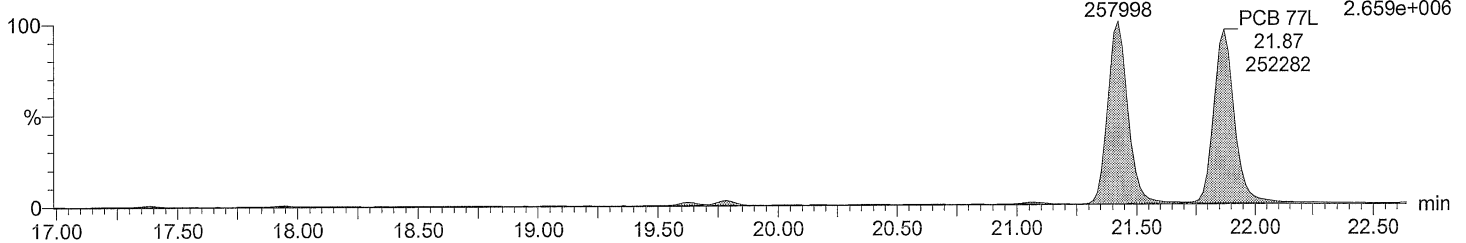
PCB 81L 21.42 205060
F4:SIR of 14 channels, EI+
301.9626
2.188e+006



Total TeCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

PCB 81L 21.42 257998
F4:SIR of 14 channels, EI+
303.9597
2.659e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

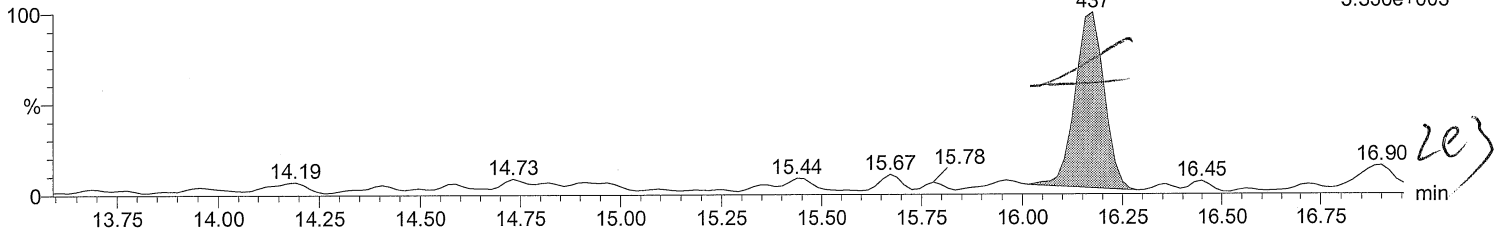
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total PeCB F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

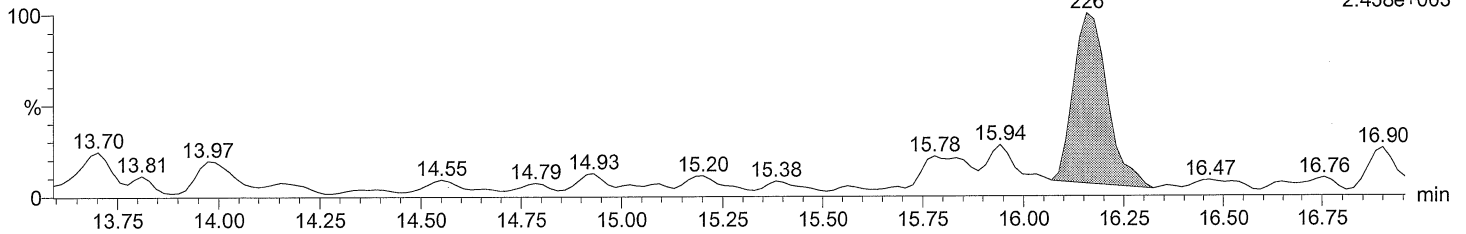
PCB 96
16.18
437
F3:SIR of 14 channels, EI+
325.8805
5.350e+003



Total PeCB F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

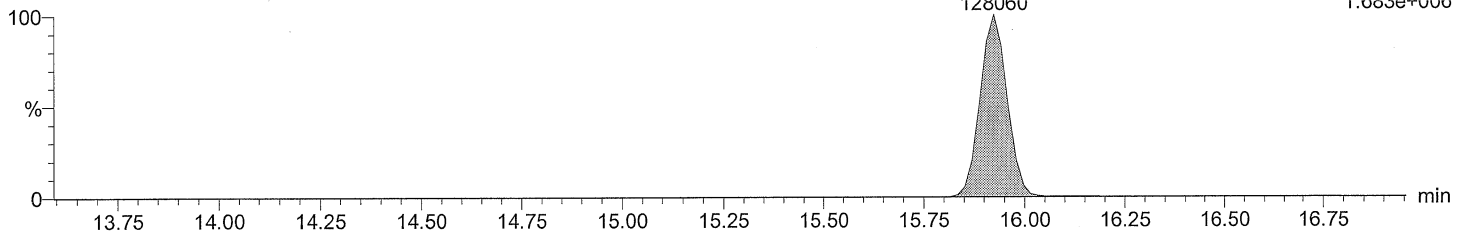
PCB 96
16.16
226
F3:SIR of 14 channels, EI+
327.8775
2.458e+003



Total PeCB labeled F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

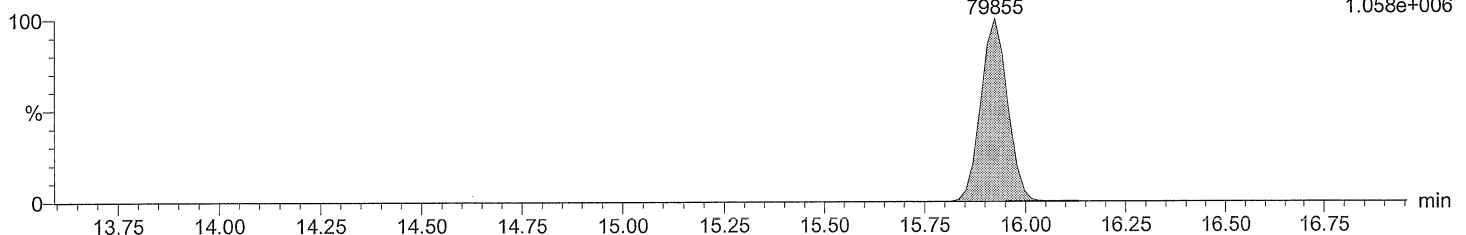
PCB 104L
15.92
128060
F3:SIR of 14 channels, EI+
337.9207
1.683e+006



Total PeCB labeled F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

PCB 104L
15.92
79855
F3:SIR of 14 channels, EI+
339.9178
1.058e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

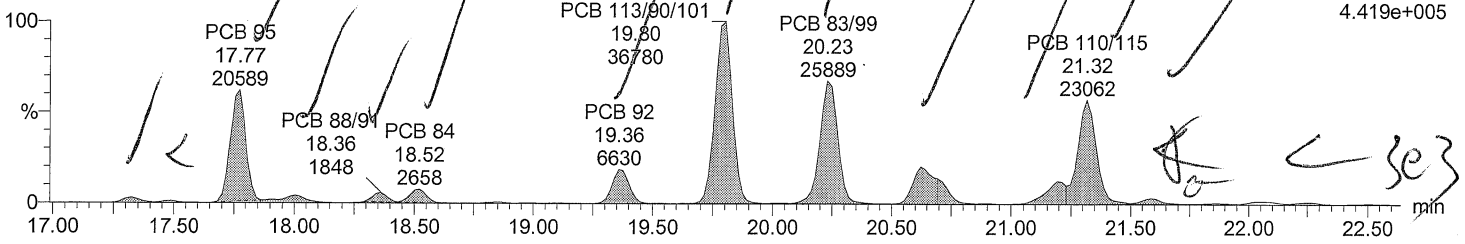
Time: 15:28:13

Instrument: Autospec-UltimaE

Total PeCB F4

M2160219BS005 Smooth(SG,2x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

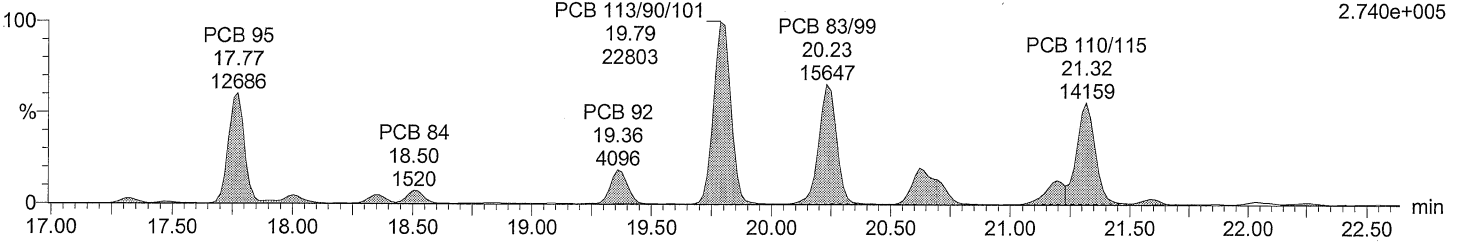
F4:SIR of 14 channels, EI+
325.8805
4.419e+005



Total PeCB F4

M2160219BS005 Smooth(SG,2x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

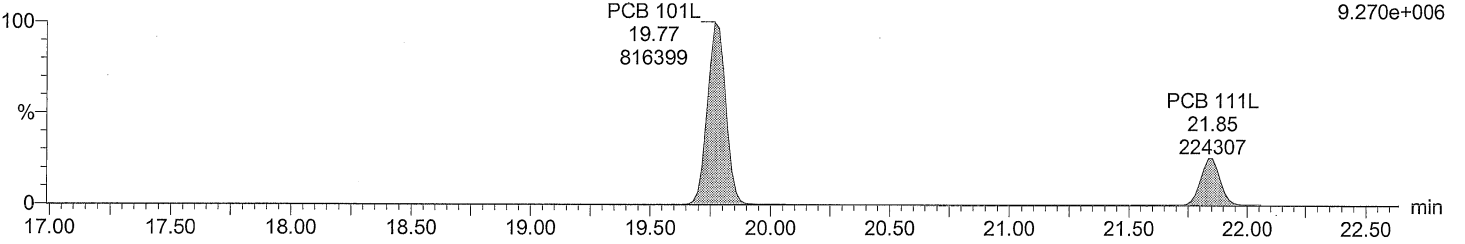
F4:SIR of 14 channels, EI+
327.8775
2.740e+005



Total PeCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

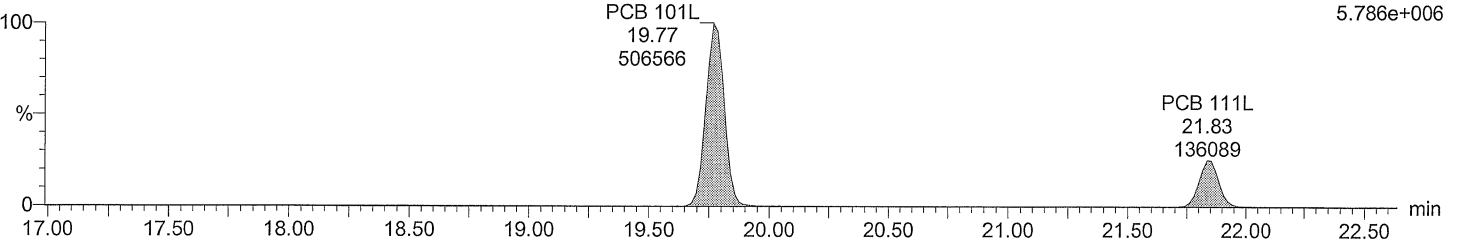
F4:SIR of 14 channels, EI+
337.9207
9.270e+006



Total PeCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F4:SIR of 14 channels, EI+
339.9178
5.786e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

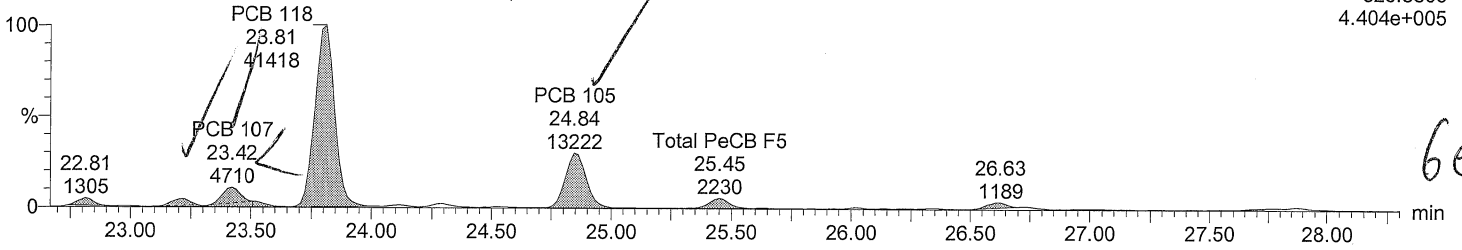
Time: 15:28:13

Instrument: Autospec-UltimaE

Total PeCB F5

M2160219BS005 Smooth(SG,2x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F5:SIR of 14 channels,EI+
325.8805
4.404e+005

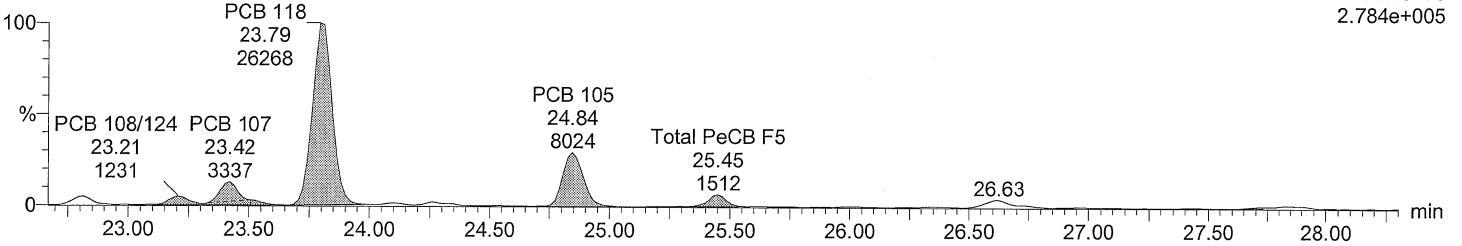


6e3

Total PeCB F5

M2160219BS005 Smooth(SG,2x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

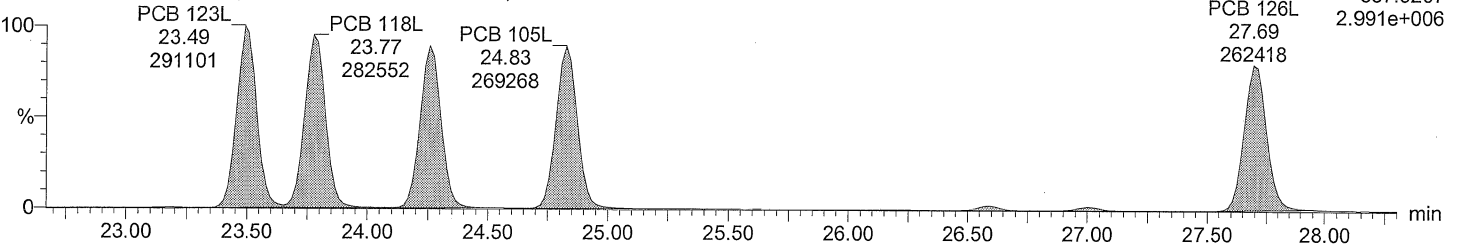
F5:SIR of 14 channels,EI+
327.8775
2.784e+005



Total PeCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

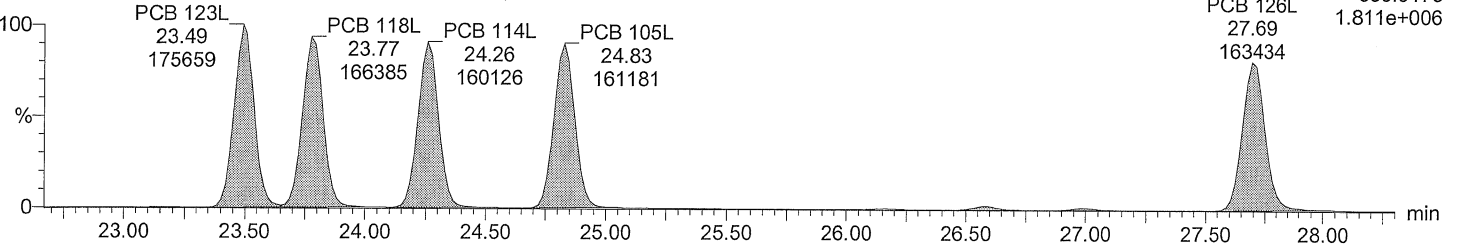
F5:SIR of 14 channels,EI+
337.9207
2.991e+006



Total PeCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F5:SIR of 14 channels,EI+
339.9178
1.811e+006



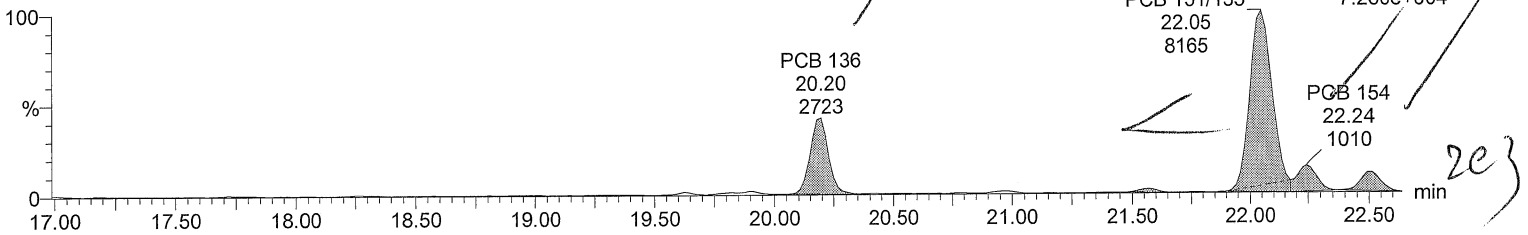
Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

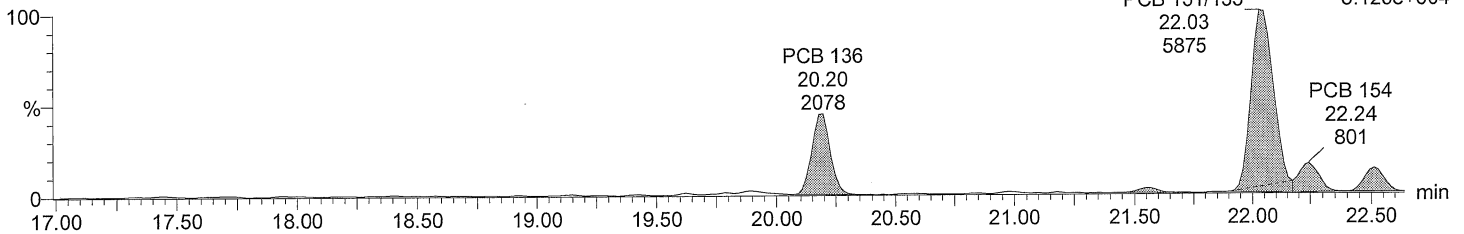
Total HxCB F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



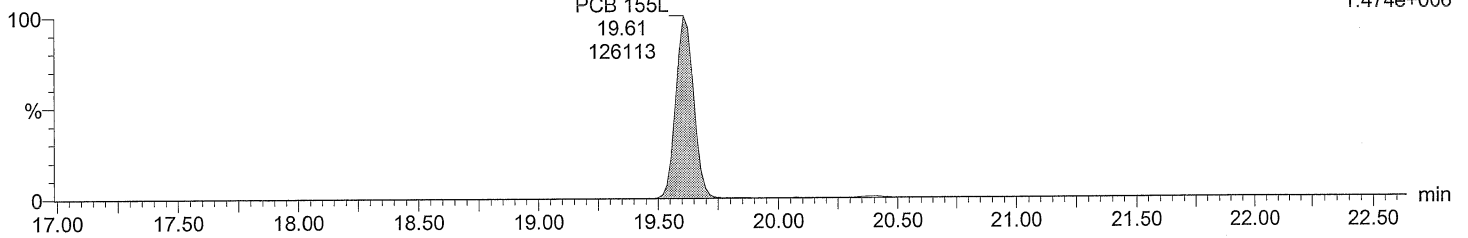
Total HxCB F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



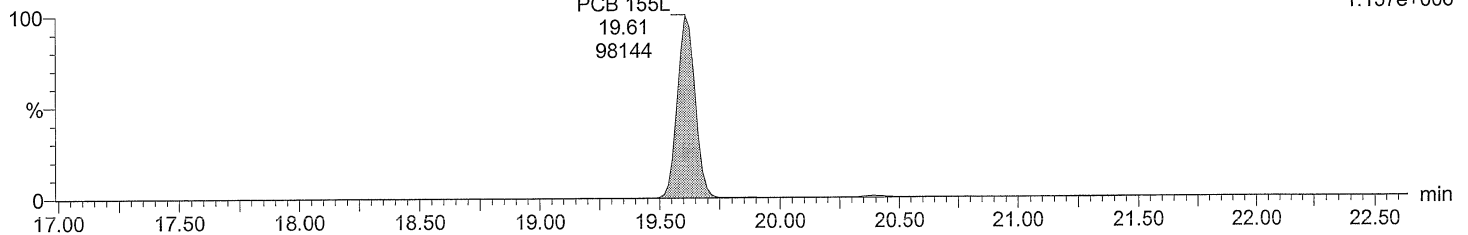
Total HxCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Total HxCB labeled F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Dataset: C:\MassLynx\Default.pro\QLDM2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

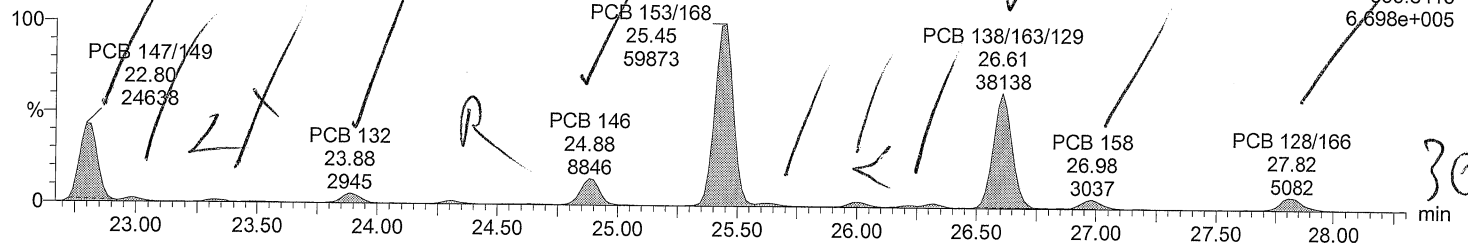
Date: 19-FEB-2016

Time: 15:28:13

Instrument: Autospec-UltimaE

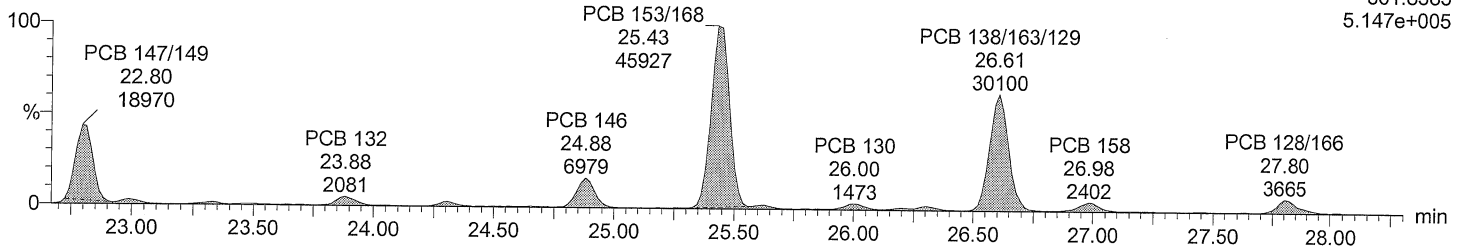
Total HxCB F5

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



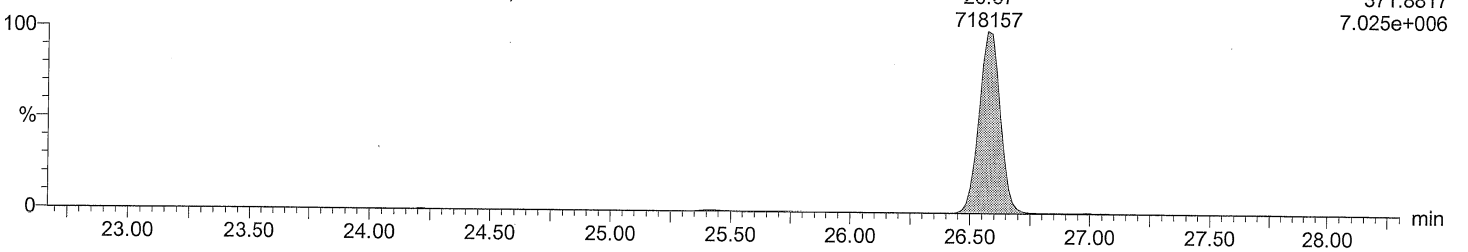
Total HxCB F5

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



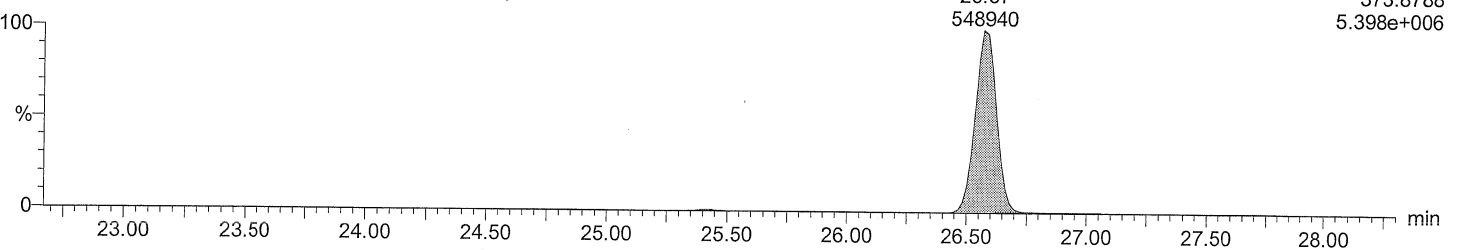
Total HxCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Total HxCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti



Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

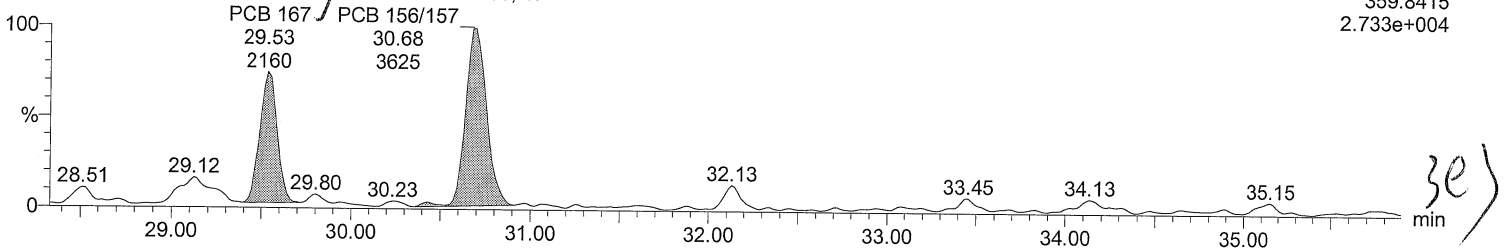
Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total HxCB F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

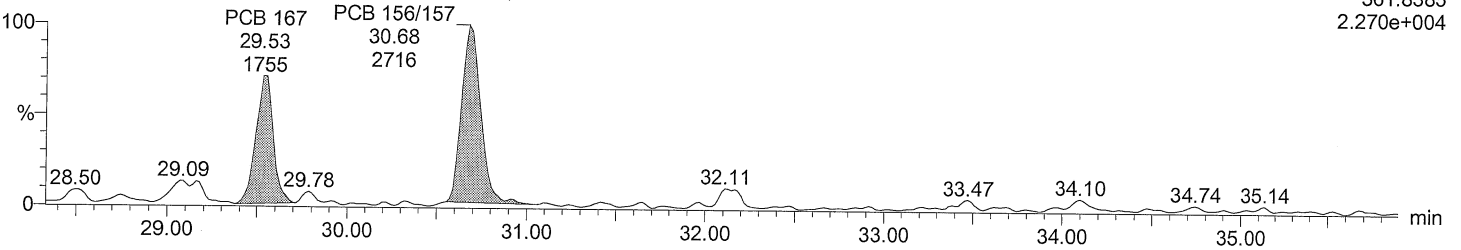
F6:SIR of 14 channels, EI+
359.8415
2.733e+004



Total HxCB F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

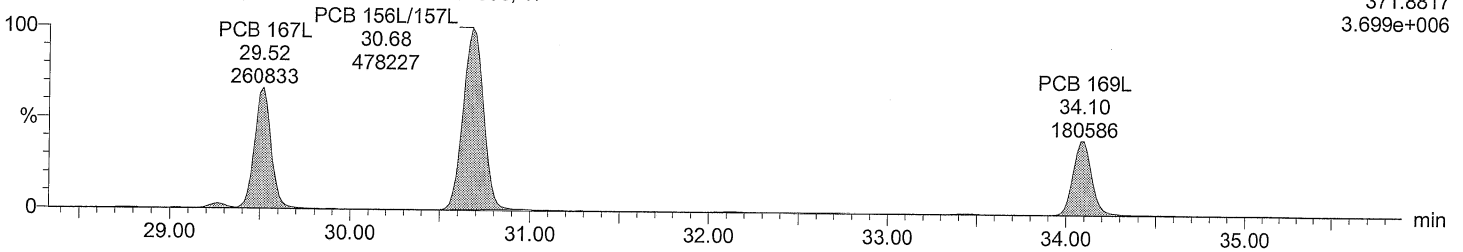
F6:SIR of 14 channels, EI+
361.8385
2.270e+004



Total HxCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

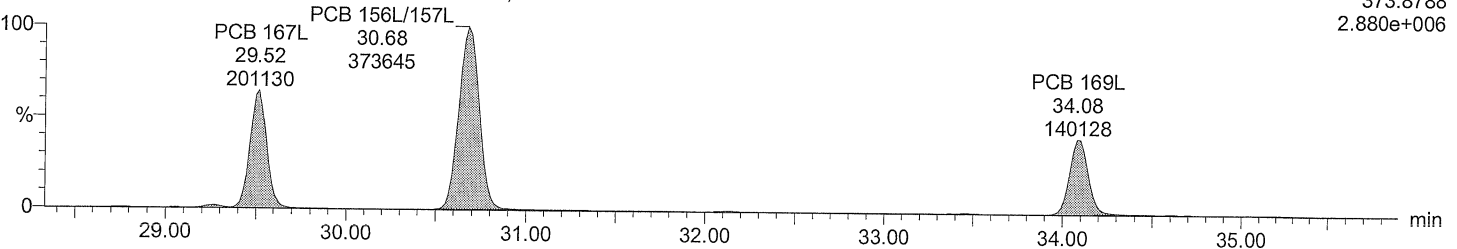
F6:SIR of 14 channels, EI+
371.8817
3.699e+006



Total HxCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F6:SIR of 14 channels, EI+
373.8788
2.880e+006



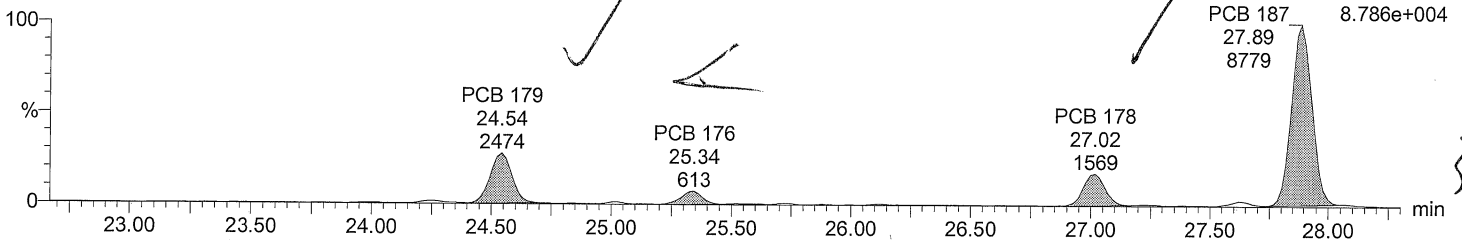
Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

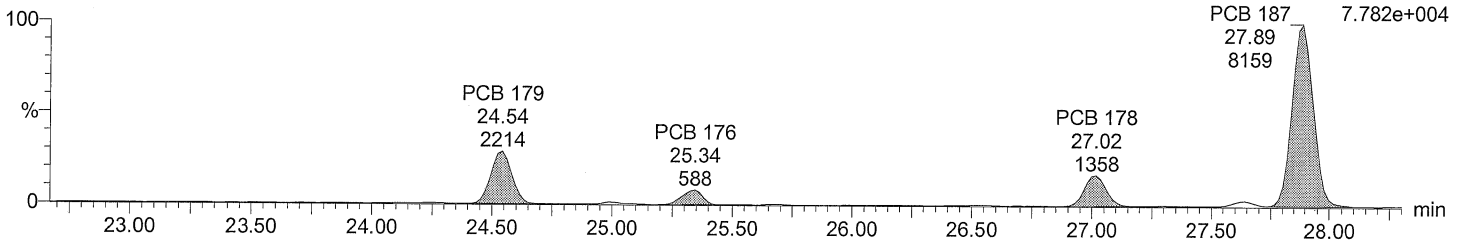
Total HpCB F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



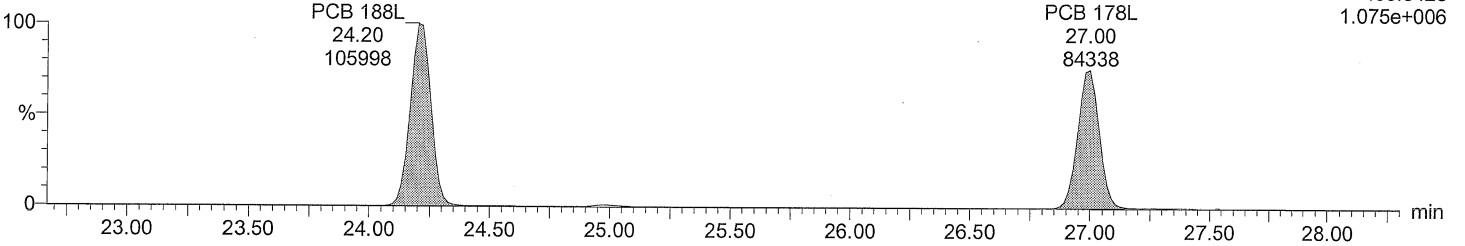
Total HpCB F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



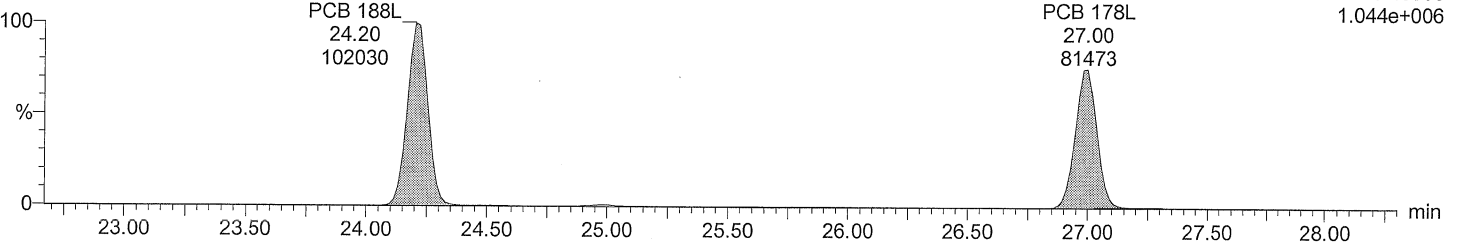
Total HpCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



Total HpCB labeled F5

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

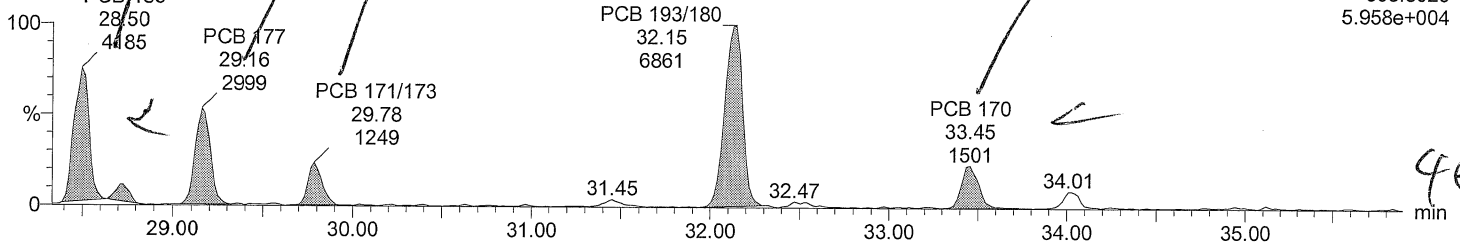
Time: 15:28:13

Instrument: Autospec-UltimaE

Total HpCB F6

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

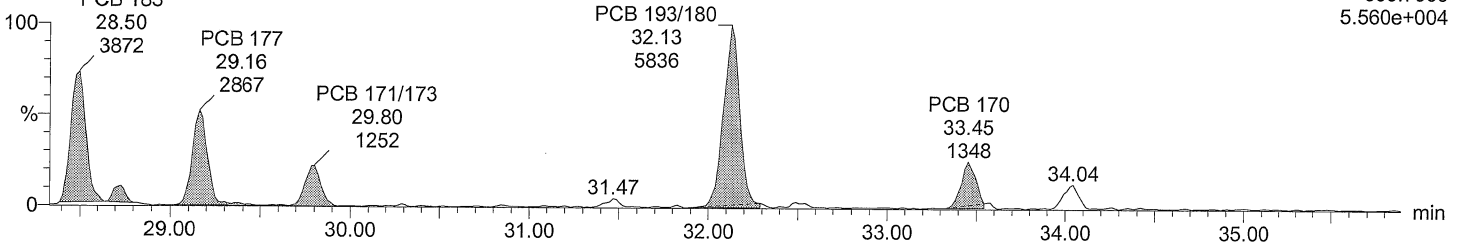
F6:SIR of 14 channels,EI+
393.8025
5.958e+004



Total HpCB F6

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

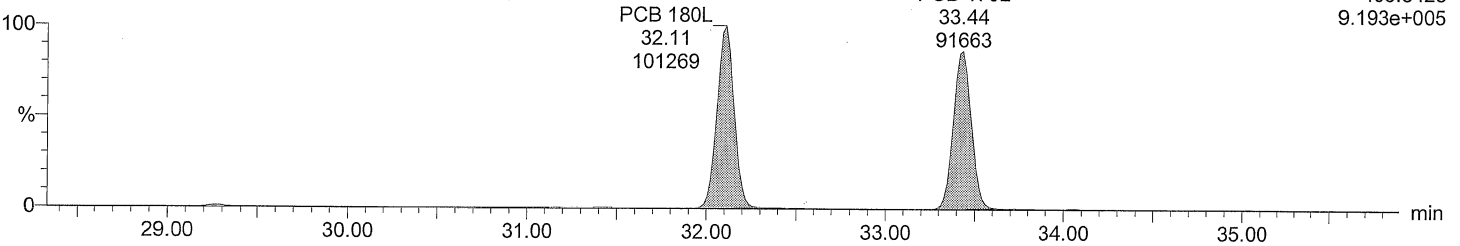
F6:SIR of 14 channels,EI+
395.7995
5.560e+004



Total HpCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

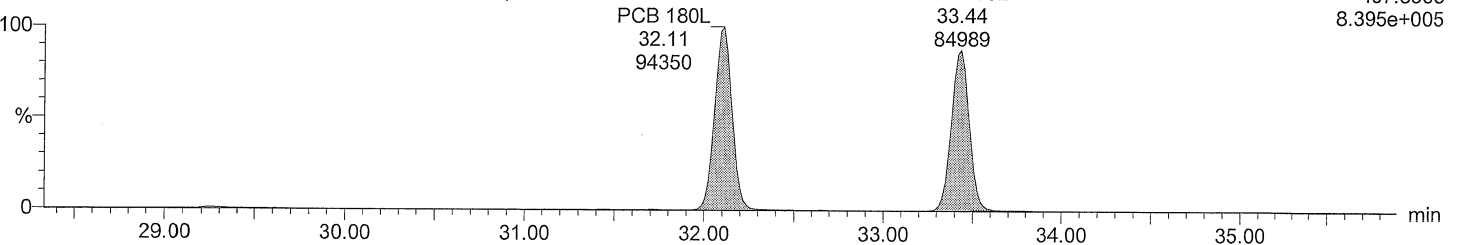
F6:SIR of 14 channels,EI+
405.8428
9.193e+005



Total HpCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F6:SIR of 14 channels,EI+
407.8398
8.395e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

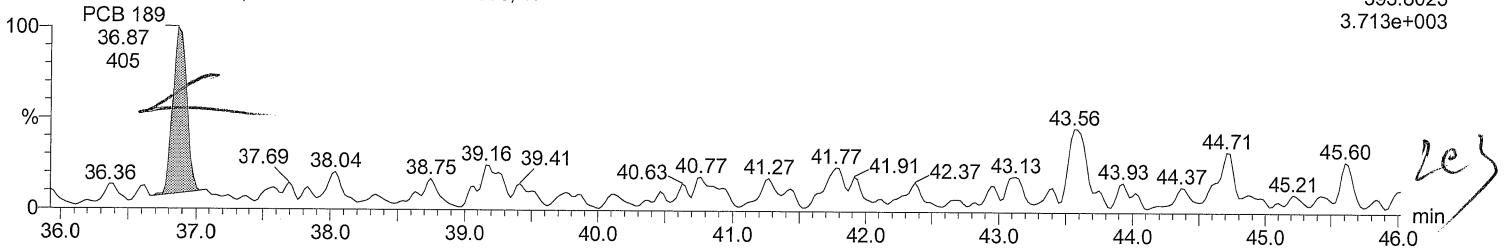
Time: 15:28:13

Instrument: Autospec-UltimaE

Total HpCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

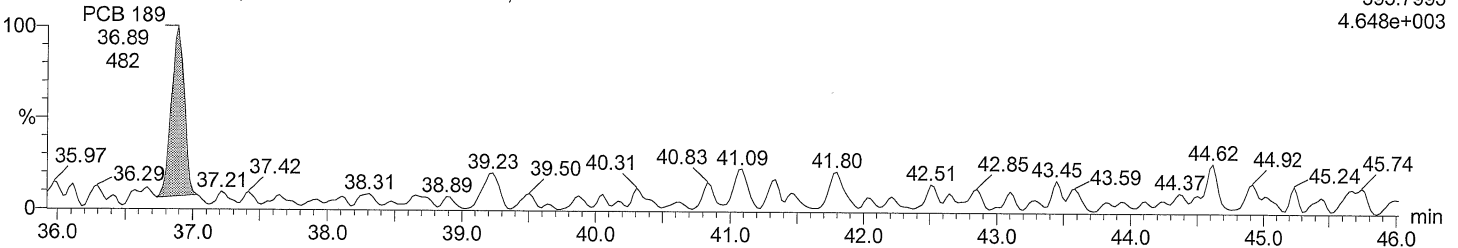
F7:SIR of 18 channels, EI+
393.8025
3.713e+003



Total HpCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

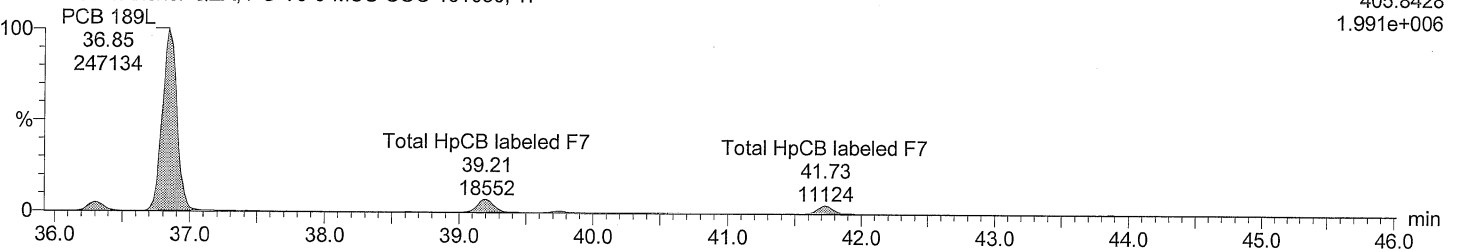
F7:SIR of 18 channels, EI+
395.7995
4.648e+003



Total HpCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

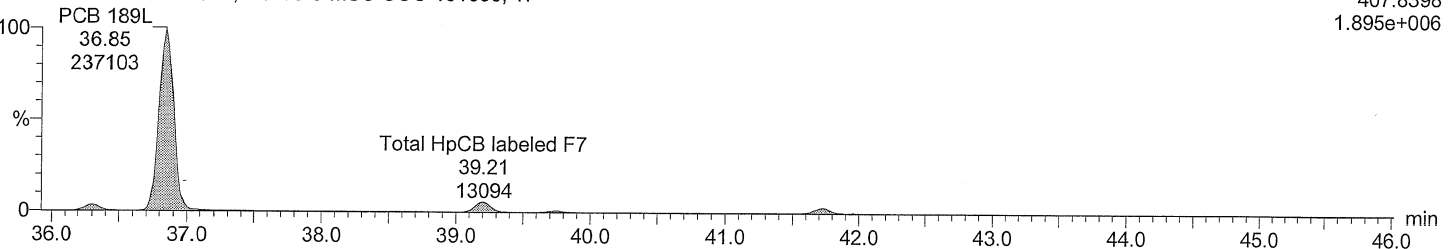
F7:SIR of 18 channels, EI+
405.8428
1.991e+006



Total HpCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F7:SIR of 18 channels, EI+
407.8398
1.895e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

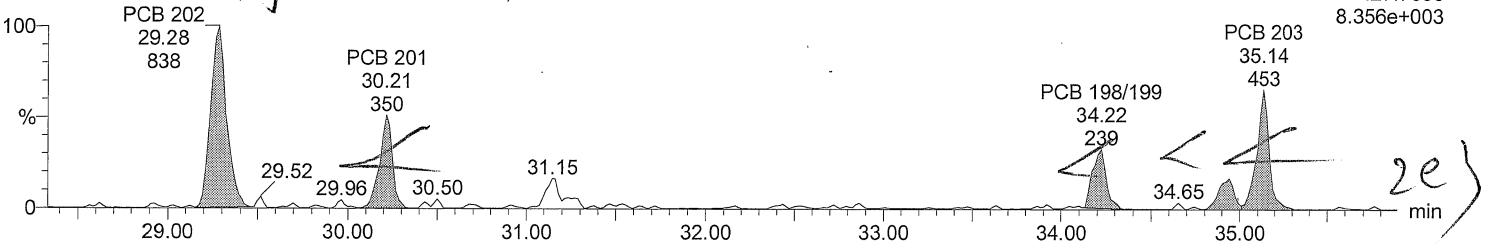
Time: 15:28:13

Instrument: Autospec-UltimaE

Total OcCB F6

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

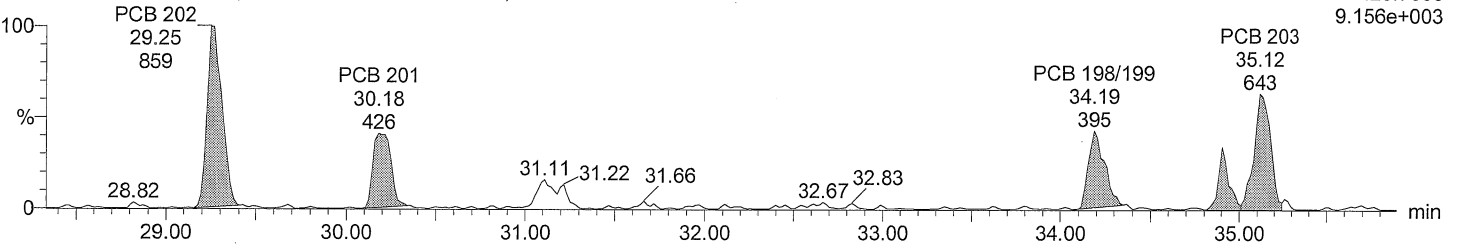
F6:SIR of 14 channels, EI+
427.7635
8.356e+003



Total OcCB F6

M2160219BS005 Smooth(SG,1x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

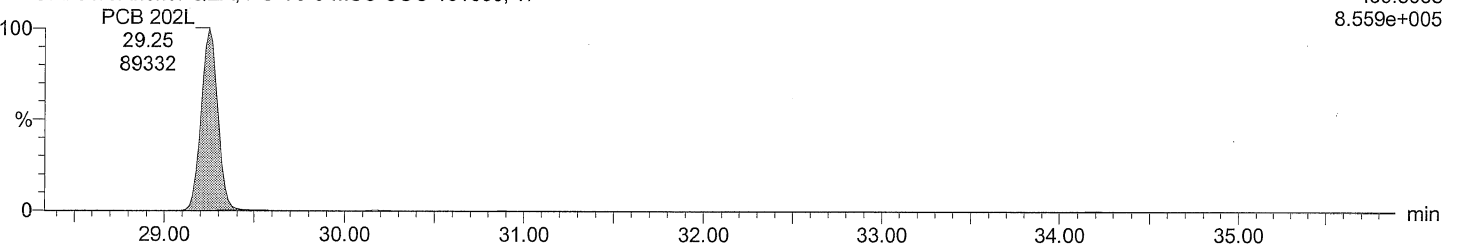
F6:SIR of 14 channels, EI+
429.7606
9.156e+003



Total OcCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

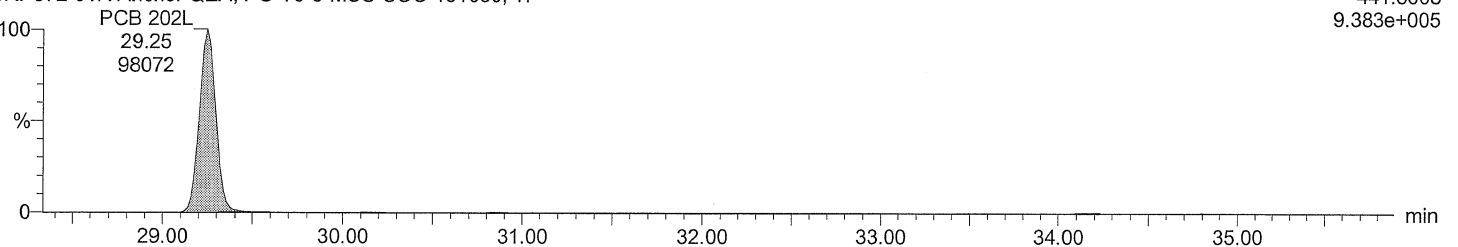
F6:SIR of 14 channels, EI+
439.8038
8.559e+005



Total OcCB labeled F6

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

F6:SIR of 14 channels, EI+
441.8008
9.383e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

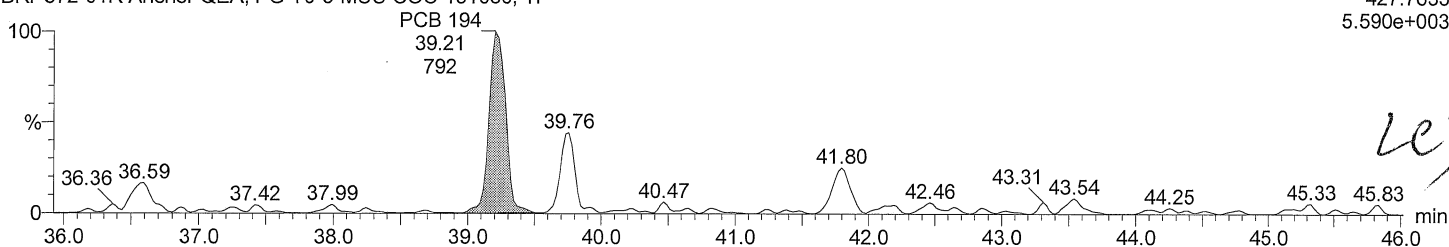
Time: 15:28:13

Instrument: Autospec-UltimaE

Total OcCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

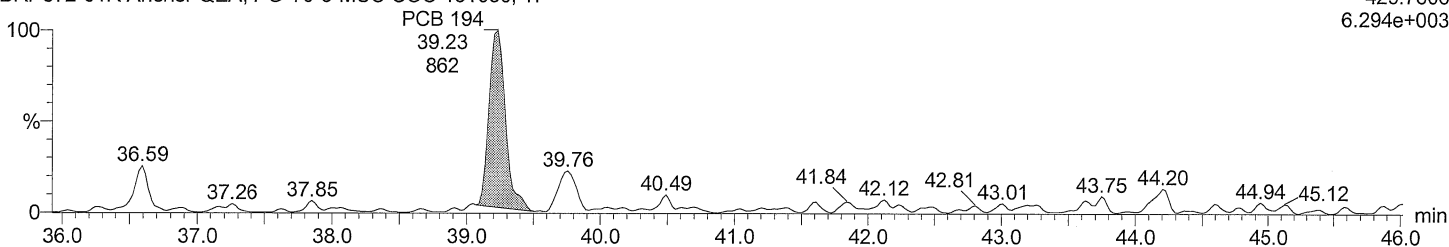
F7:SIR of 18 channels,EI+
427.7635
5.590e+003



Total OcCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

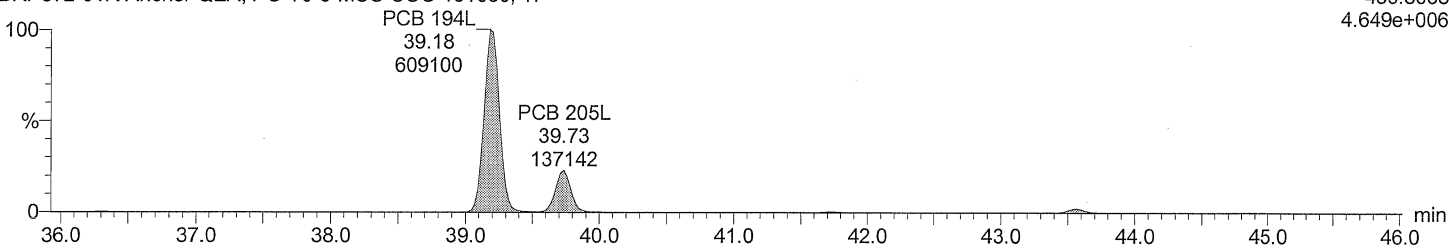
F7:SIR of 18 channels,EI+
429.7606
6.294e+003



Total OcCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

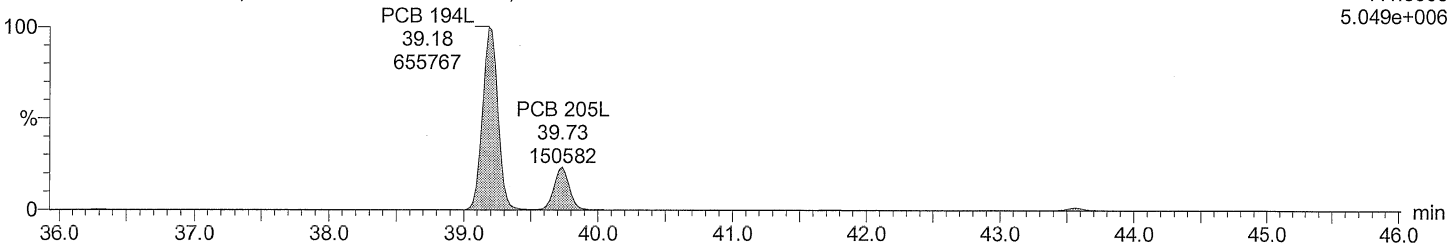
F7:SIR of 18 channels,EI+
439.8038
4.649e+006



Total OcCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F7:SIR of 18 channels,EI+
441.8008
5.049e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

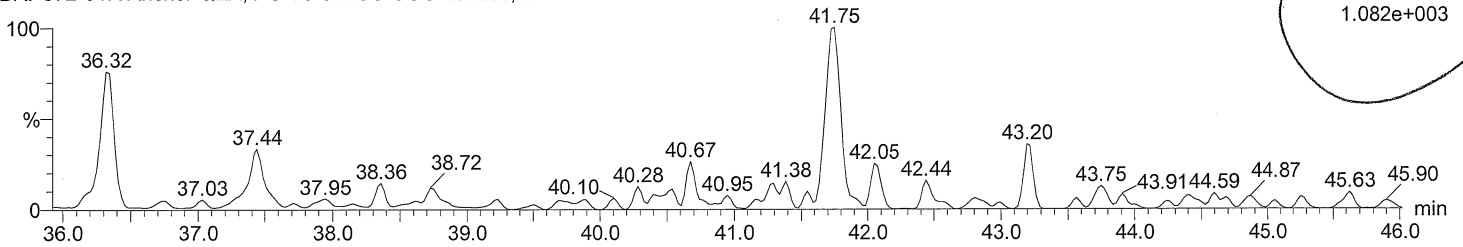
Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time
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Description: BRP572-01R
Vial: 5
Date: 19-FEB-2016
Time: 15:28:13
Instrument: Autospec-UltimaE

Total NoCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

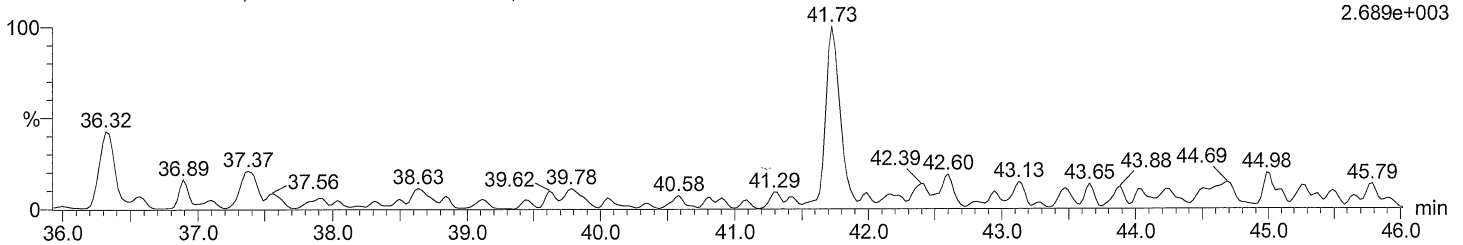
F7:SIR of 18 channels, EI+
461.7246
1.082e+003



Total NoCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

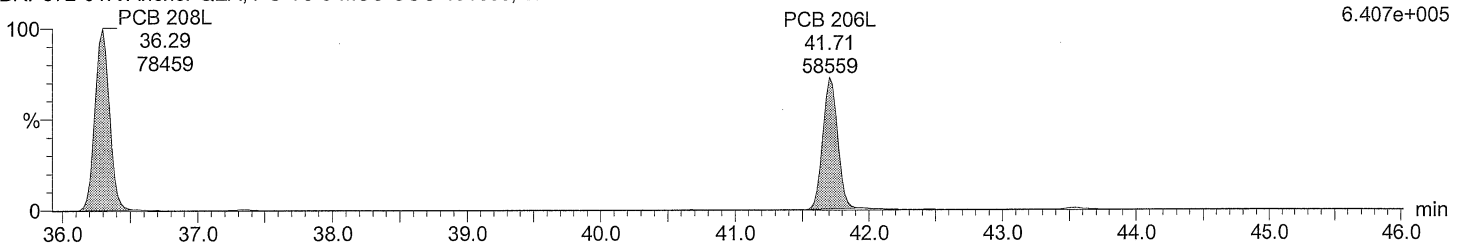
F7:SIR of 18 channels, EI+
463.7216
2.689e+003



Total NoCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

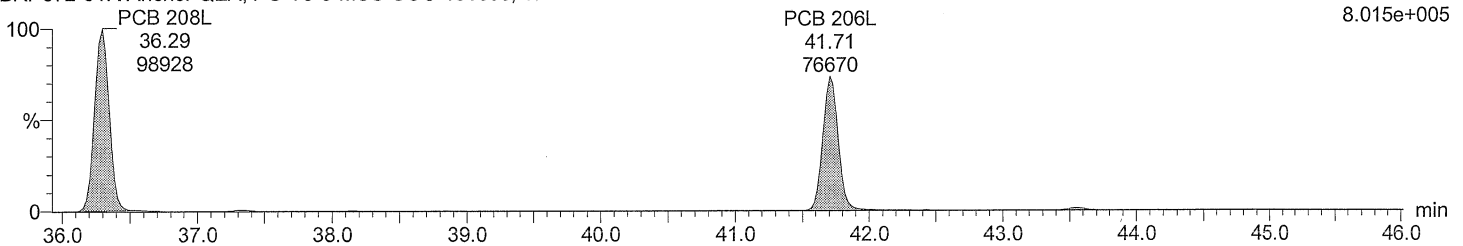
F7:SIR of 18 channels, EI+
473.7648
6.407e+005



Total NoCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F7:SIR of 18 channels, EI+
475.7619
8.015e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

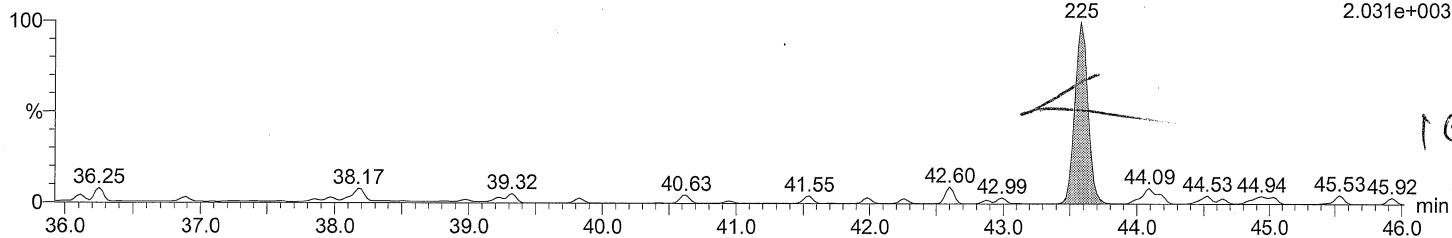
Time: 15:28:13

Instrument: Autospec-UltimaE

Total DeCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

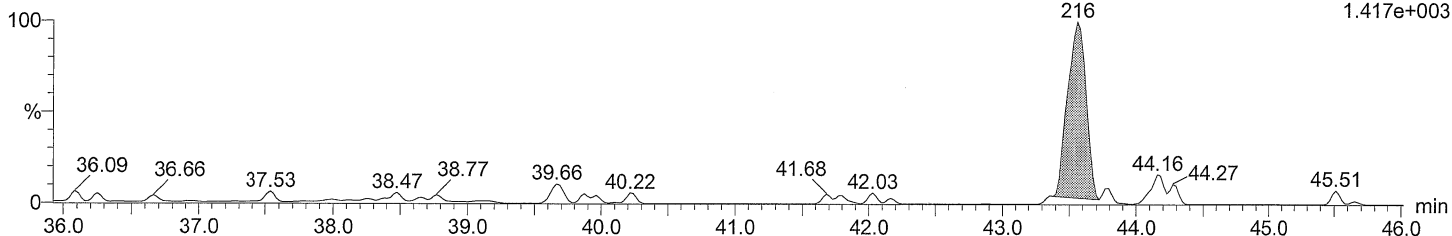
PCB 209 43.59 225 F7:SIR of 18 channels,EI+
497.6826 2.031e+003



Total DeCB F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

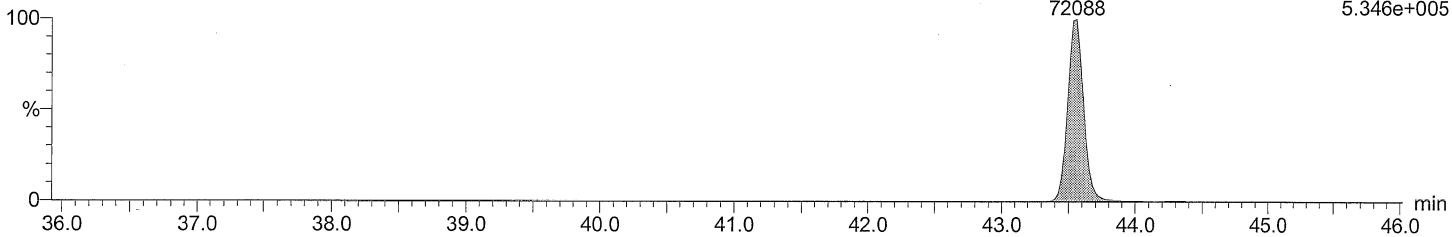
PCB 209 43.56 216 F7:SIR of 18 channels,EI+
499.6797 1.417e+003



Total DeCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

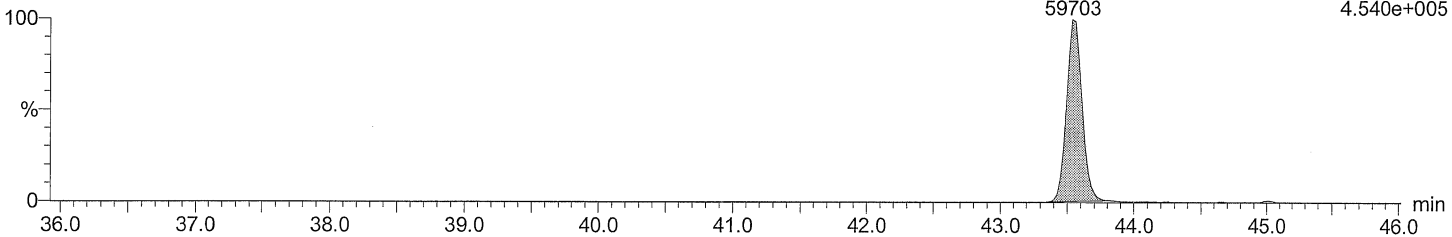
PCB 209L 43.56 72088 F7:SIR of 18 channels,EI+
509.7229 5.346e+005



Total DeCB labeled F7

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI

PCB 209L 43.54 59703 F7:SIR of 18 channels,EI+
511.7199 4.540e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

Vial: 5

Date: 19-FEB-2016

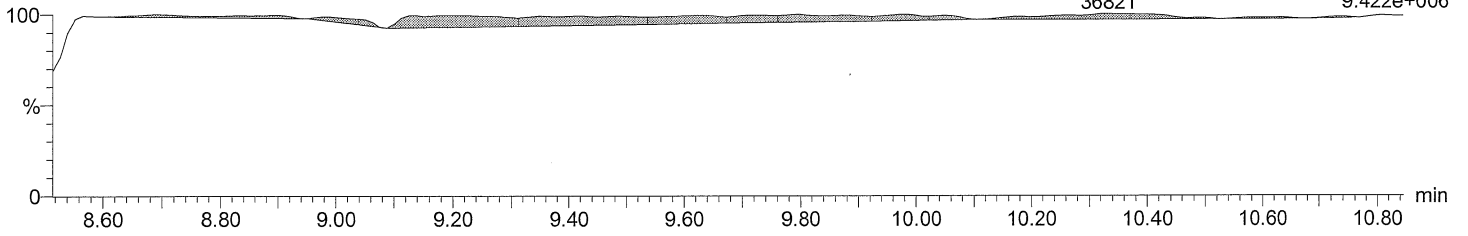
Time: 15:28:13

Instrument: Autospec-UltimaE

lockmass F1

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

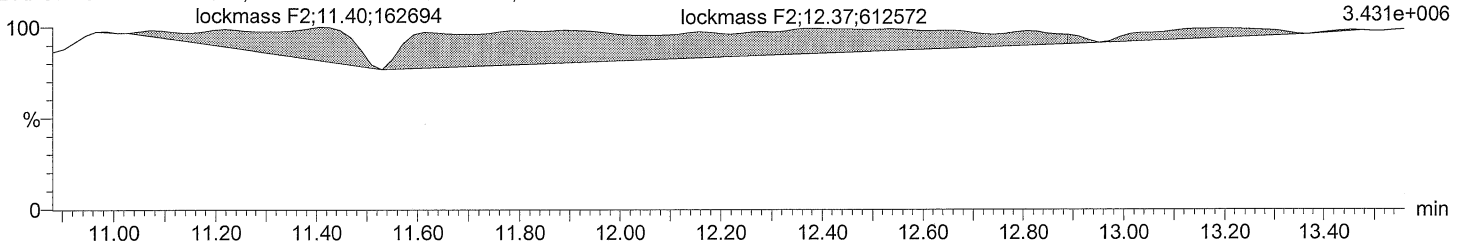
lockmass F1 F1:SIR of 10 channels,EI+
10.33 218.9856
36821 9.422e+006



lockmass F2

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

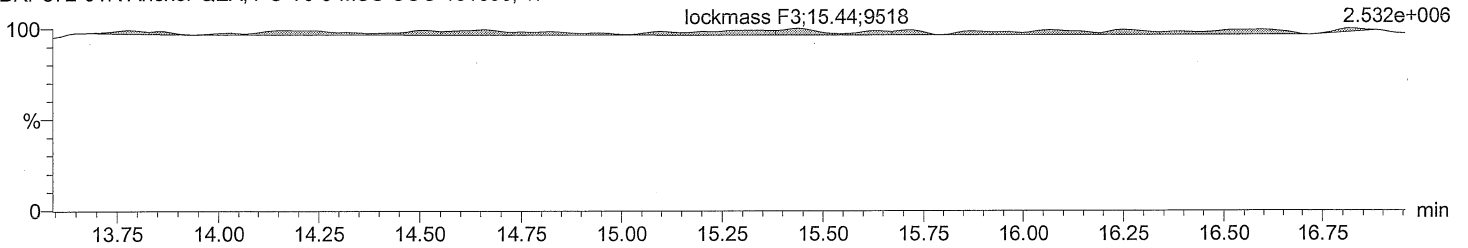
F2:SIR of 16 channels,EI+
242.9856
3.431e+006



lockmass F3

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

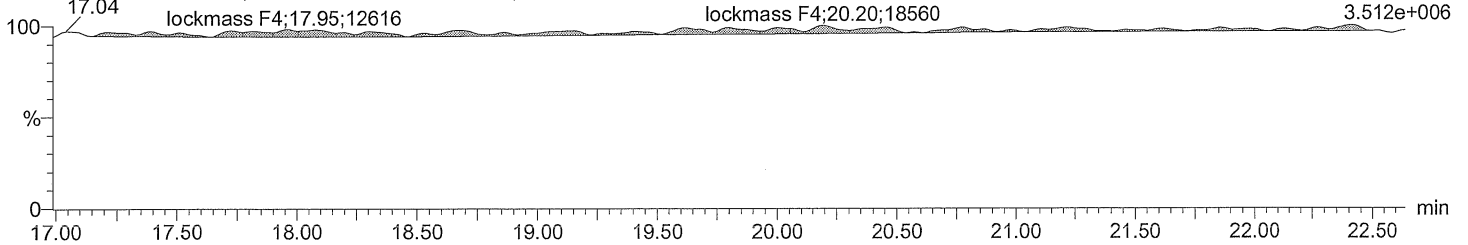
F3:SIR of 14 channels,EI+
292.9824
2.532e+006



lockmass F4

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, Ti

F4:SIR of 14 channels,EI+
330.9792
3.512e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219_samples_1668A.qld

Last Altered: February 23, 2016 12:16:16 PM Eastern Standard Time

Printed: February 23, 2016 12:17:46 PM Eastern Standard Time

Description: BRP572-01R

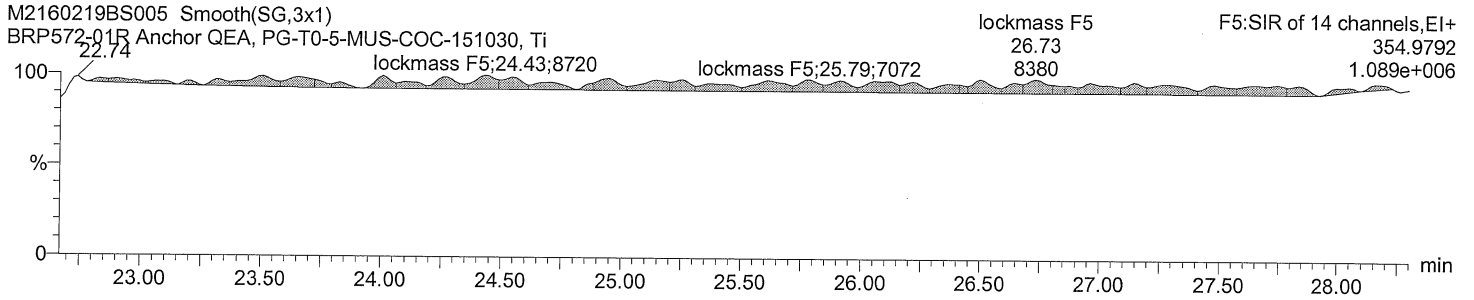
Vial: 5

Date: 19-FEB-2016

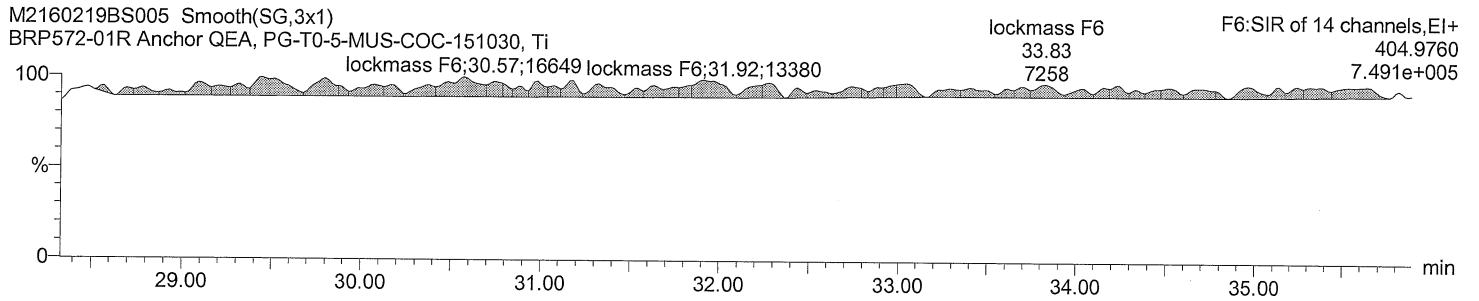
Time: 15:28:13

Instrument: Autospec-UltimaE

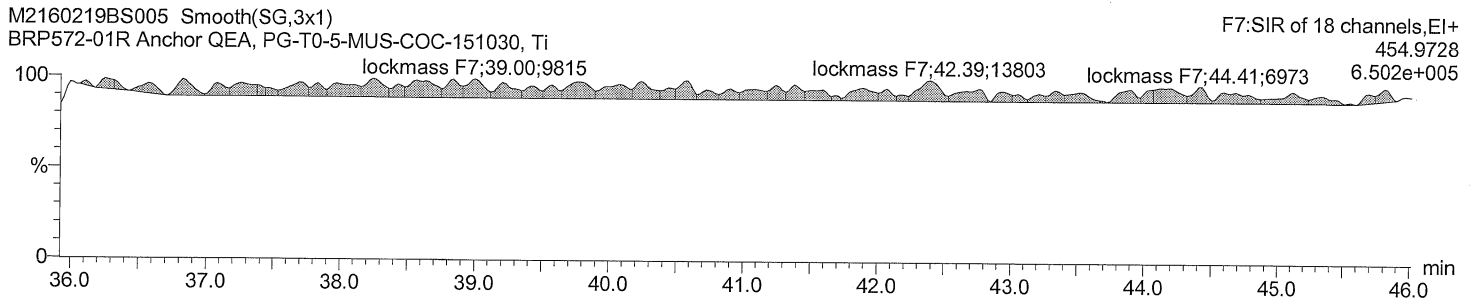
lockmass F5



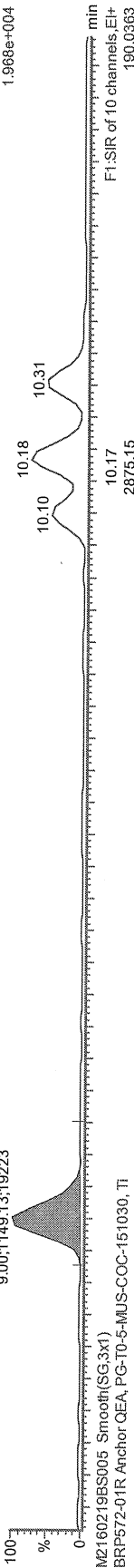
lockmass F6



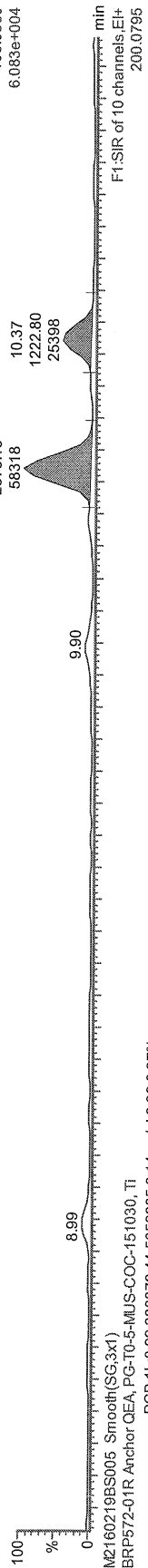
lockmass F7



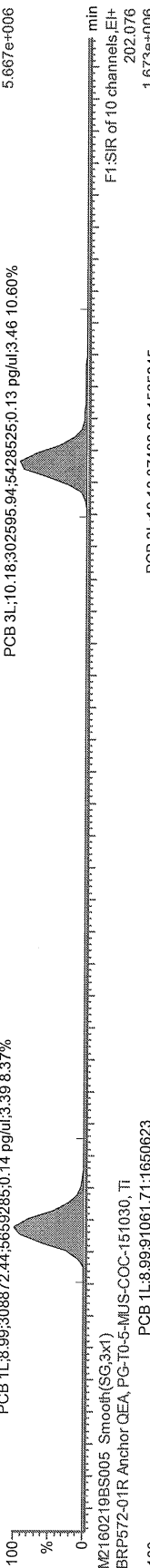
M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MJUS-COC-151030, TI
9.00;1149.13;19223
F1:SIR of 10 channels, EI+
188.0393
1.968e+004



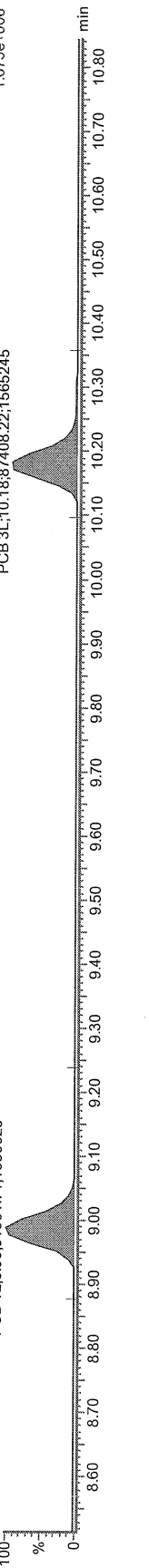
M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MJUS-COC-151030, TI
10.17
2875.15
58318
10.37
1222.80
25398
F1:SIR of 10 channels, EI+
190.0363
6.083e+004



M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MJUS-COC-151030, TI
8.99
3.39
8.37%
F1:SIR of 10 channels, EI+
200.0795
5.667e+006



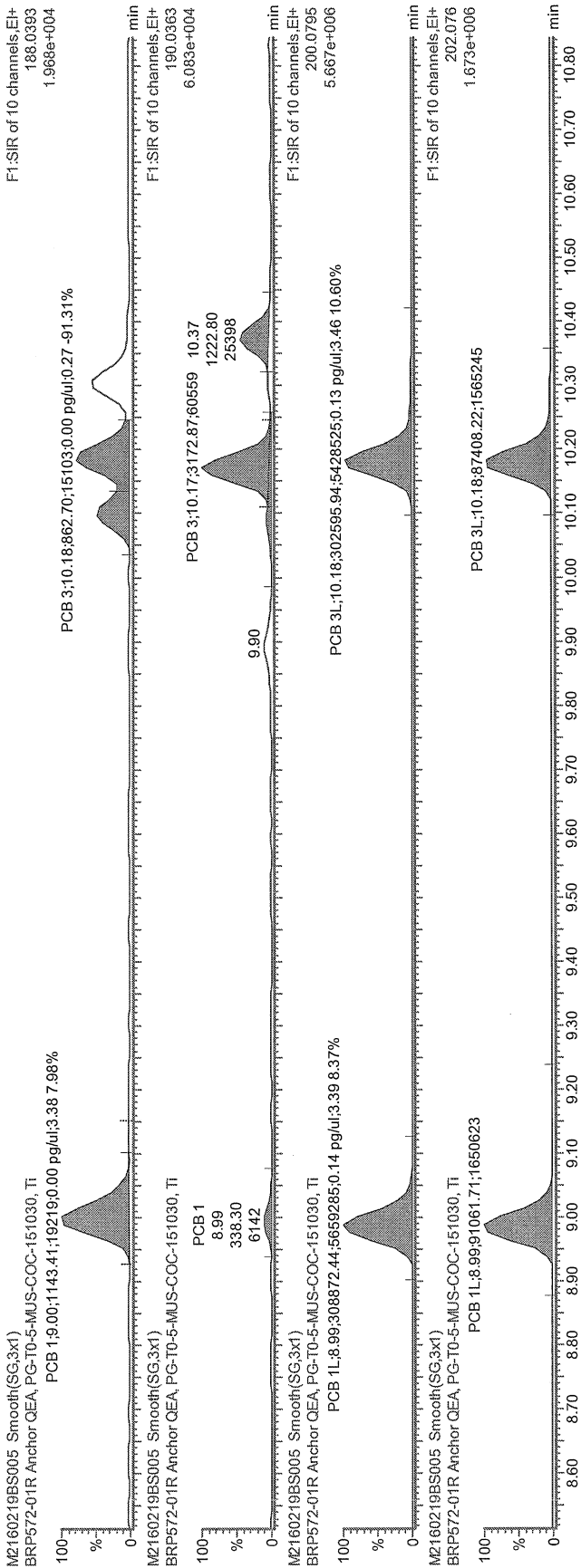
M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MJUS-COC-151030, TI
9.00
1.650623
F1:SIR of 10 channels, EI+
202.076
1.673e+006



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2016-02-23

FEB 23 2016



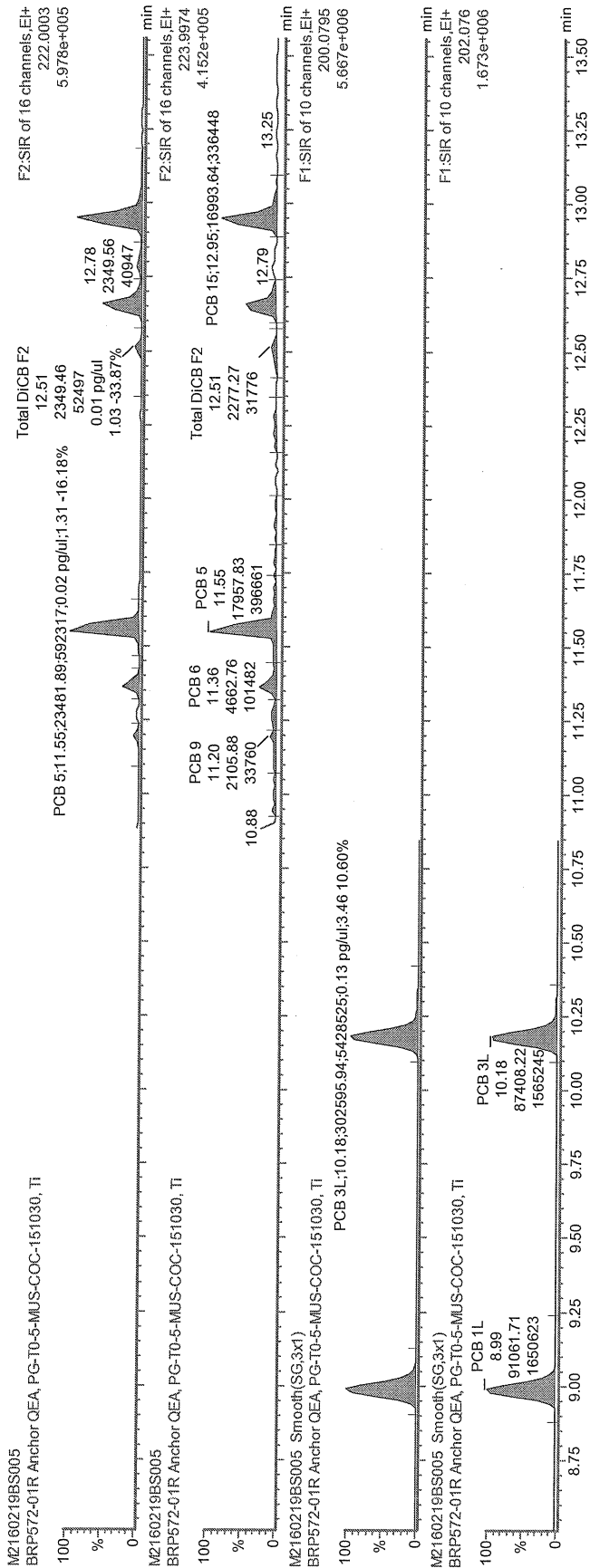
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2016-02-23

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FEB 23 2016

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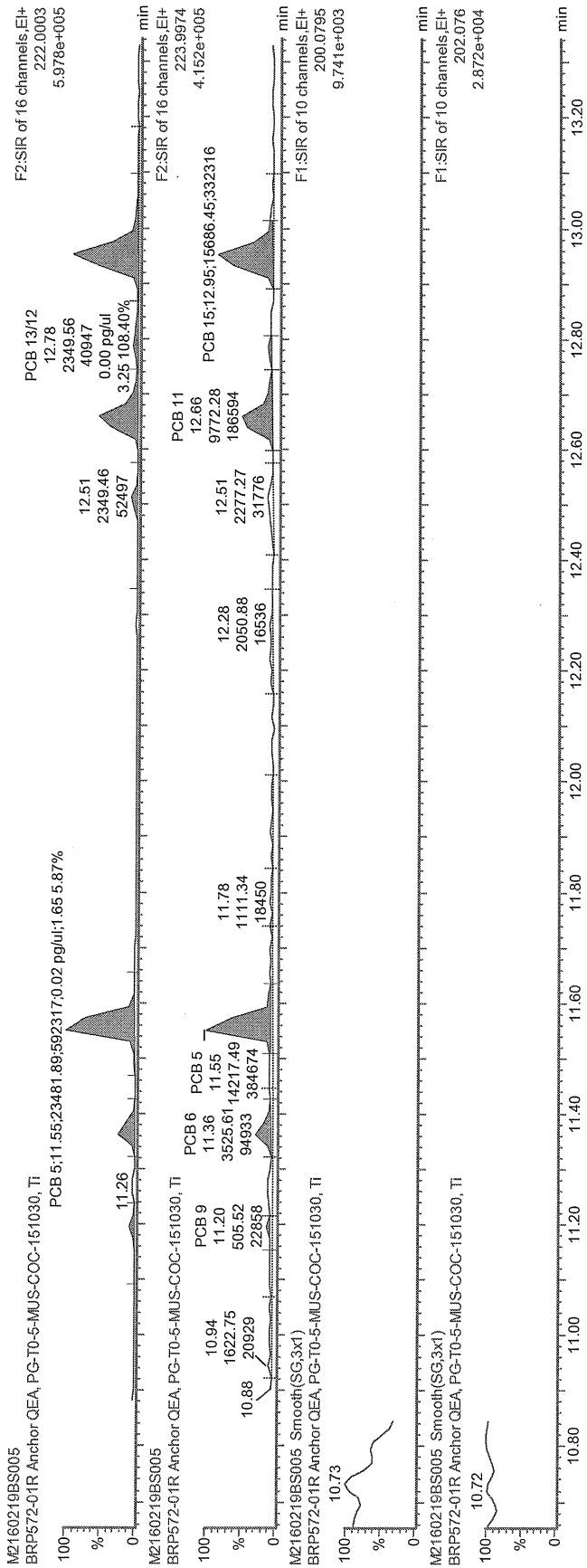
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2016-02-23

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FEB 23 2016

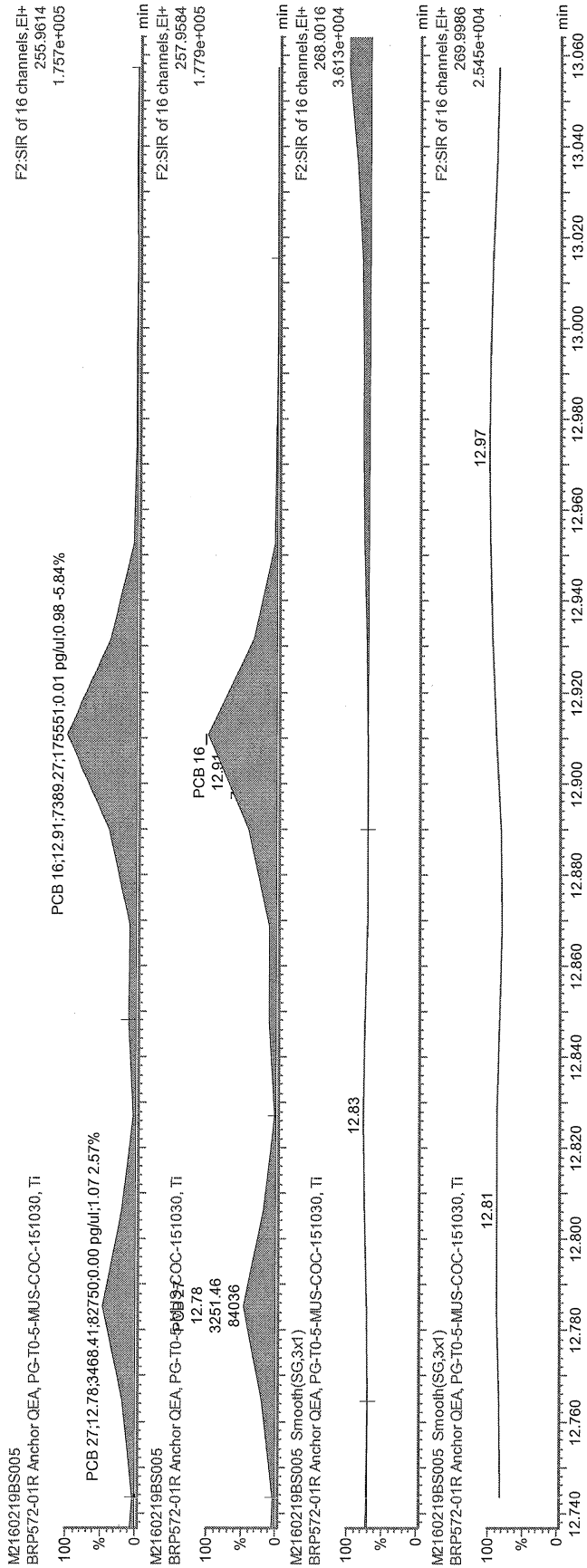
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bej
2016-02-23
ca

FEB 23 2016

ca

M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI
F2:SIR of 16 channels.EI+
255.9614
1.757e+005

PCB 16;12.91;7056.74;175744;0.01 pg/lul;1.02 -2.40%

PCB 27;12.79;3225.57;82912;0.00 pg/lul;0.99 -4.61%

M2160219BS005
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI
F2:SIR of 16 channels.EI+
257.9584
1.779e+005

PCB 16
12.94

12.78
3251.46
84036

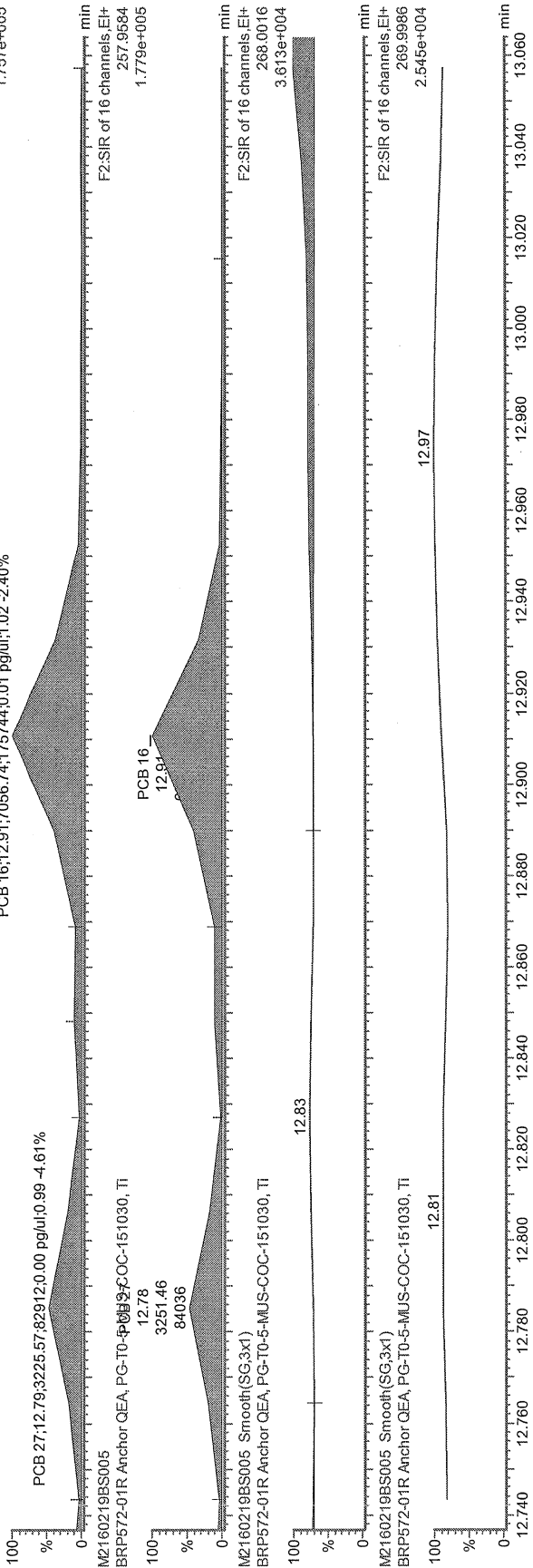
M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI
F2:SIR of 16 channels.EI+
268.0016
3.613e+004

12.83

M2160219BS005 Smooth(SG,3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI
F2:SIR of 16 channels.EI+
269.9886
2.545e+004

12.97

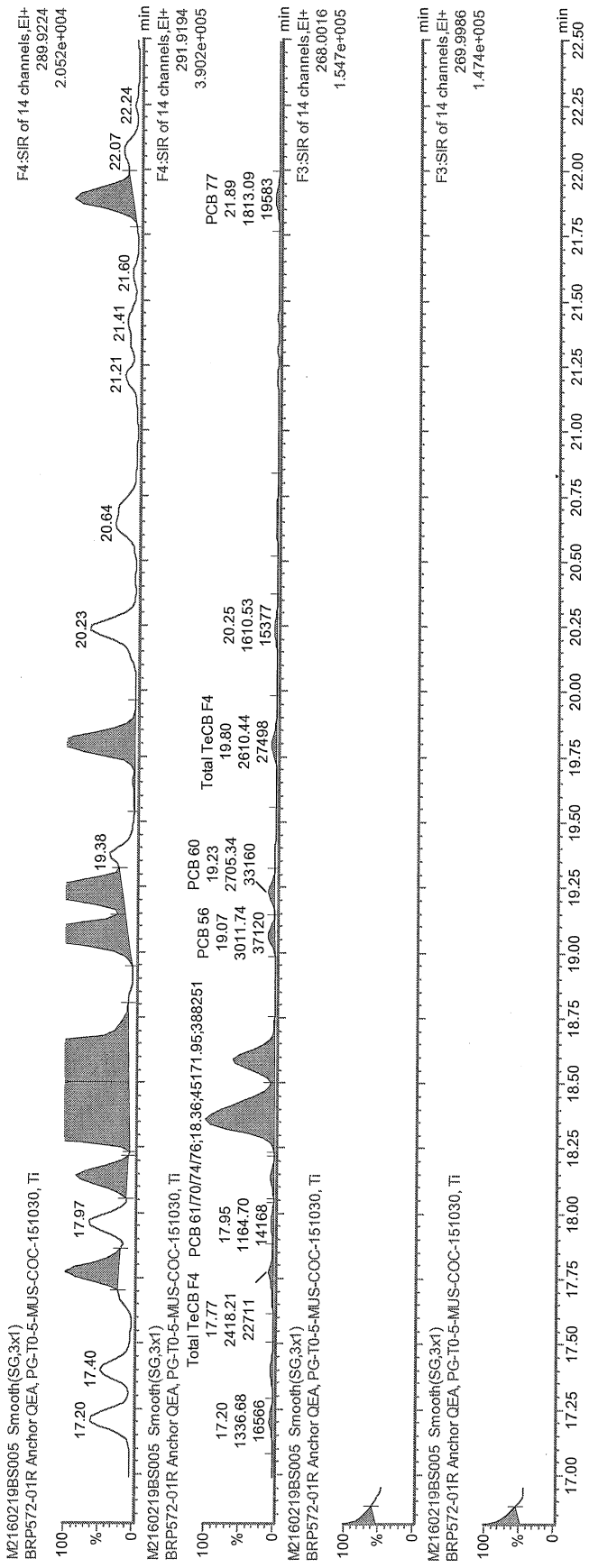
12.81



M3

2016-02-23

FEB 23 2016

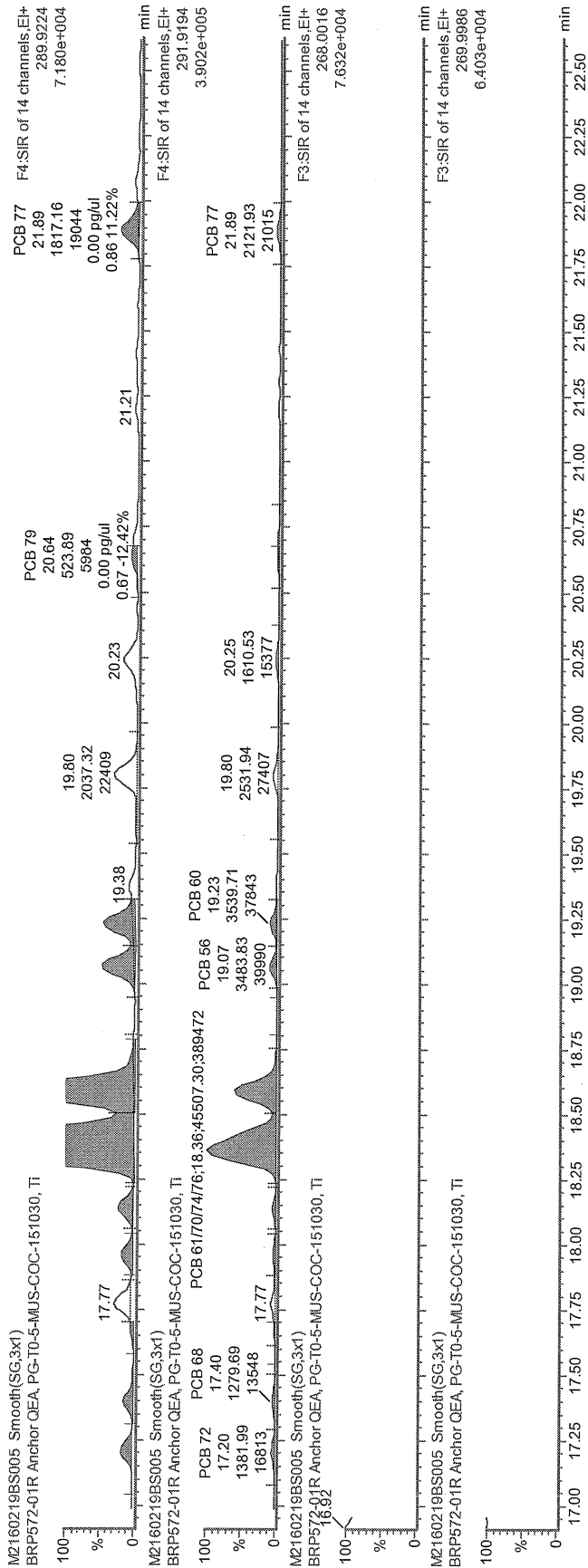


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2016-02-23

ce

FEB - 3 2016

de

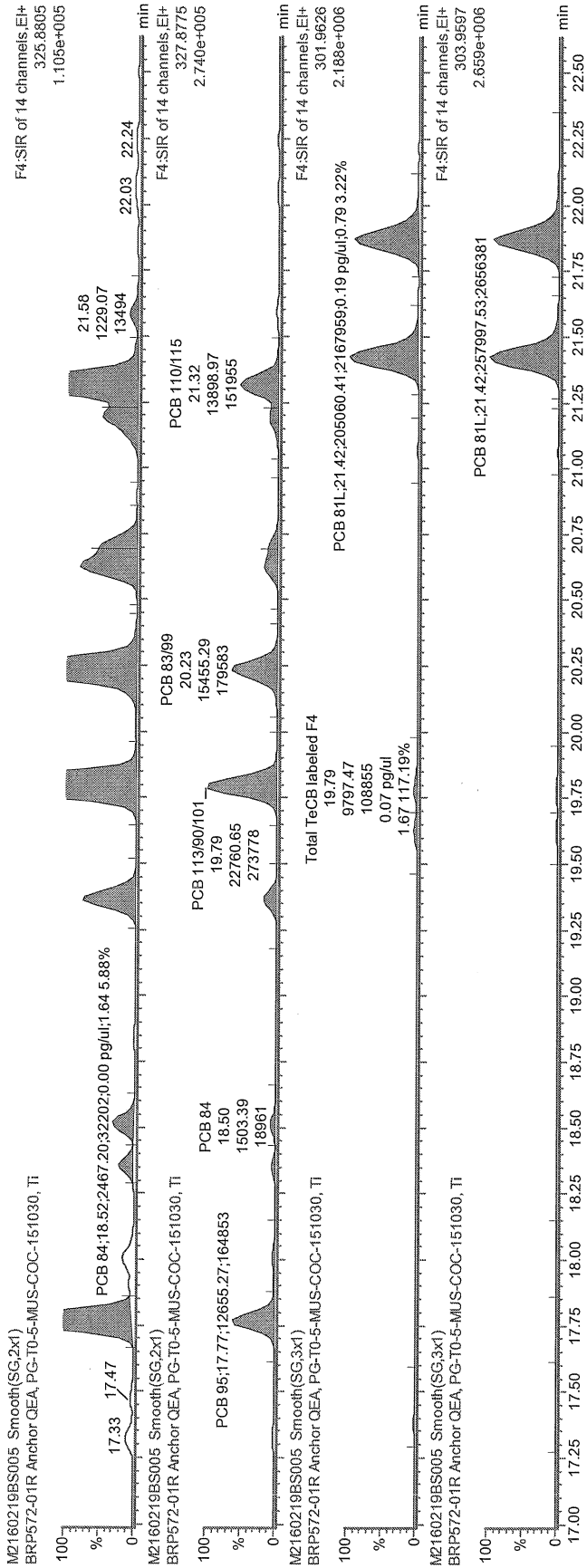


M)

2016-02-23

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FEB 23 2016
[Handwritten initials]



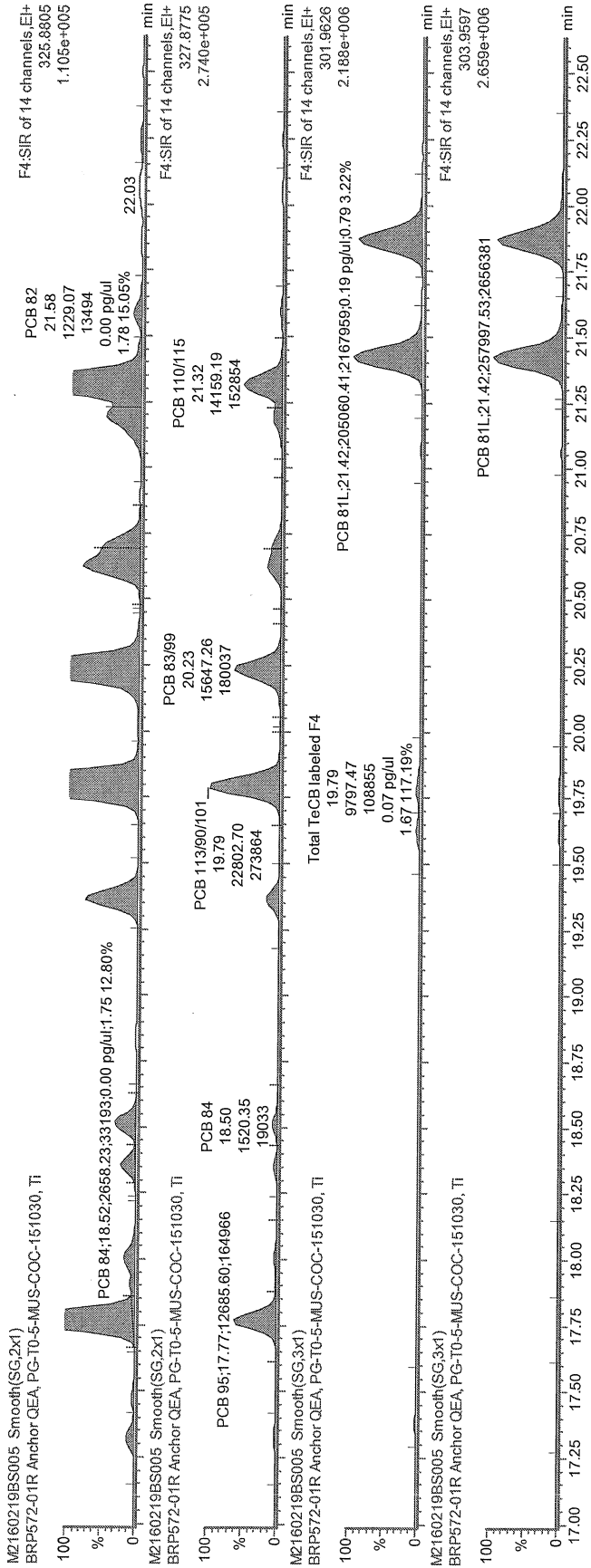
Ref

'2016-02-23

[Signature]

FEB 23 2016

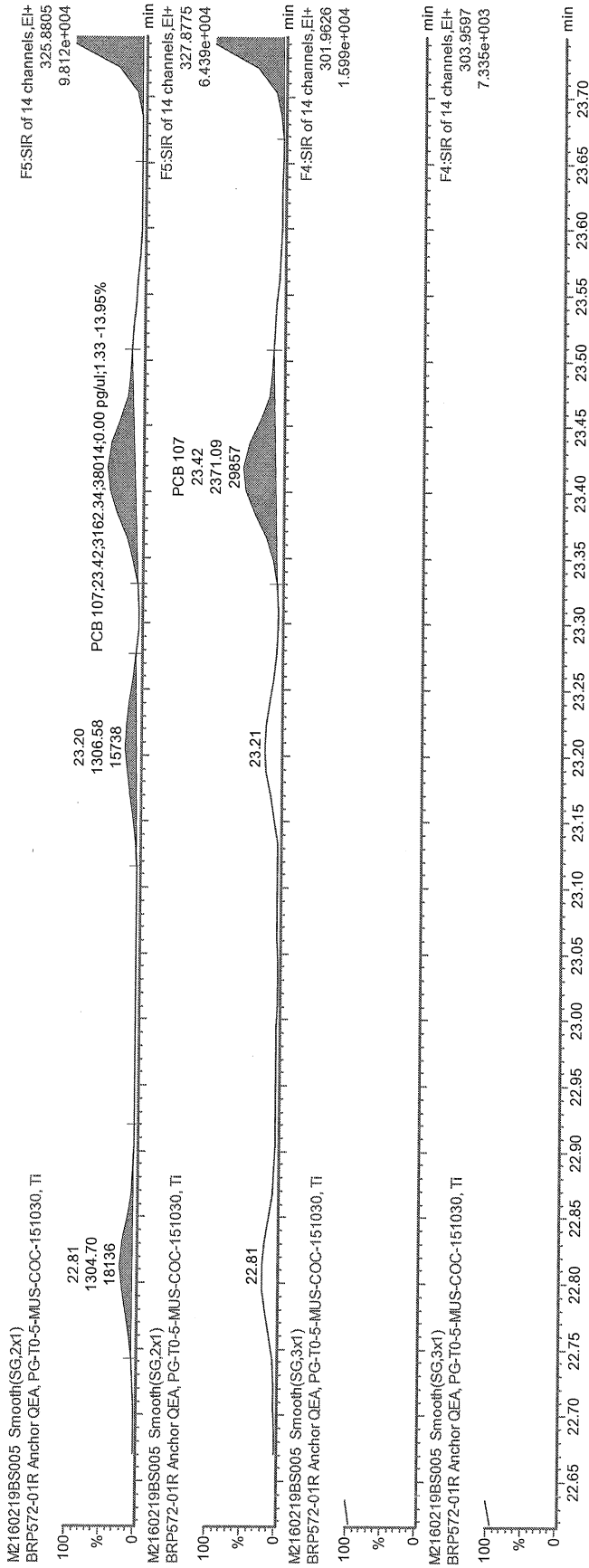
[Signature]



MJ

2016-02-23

FEB 23 2016



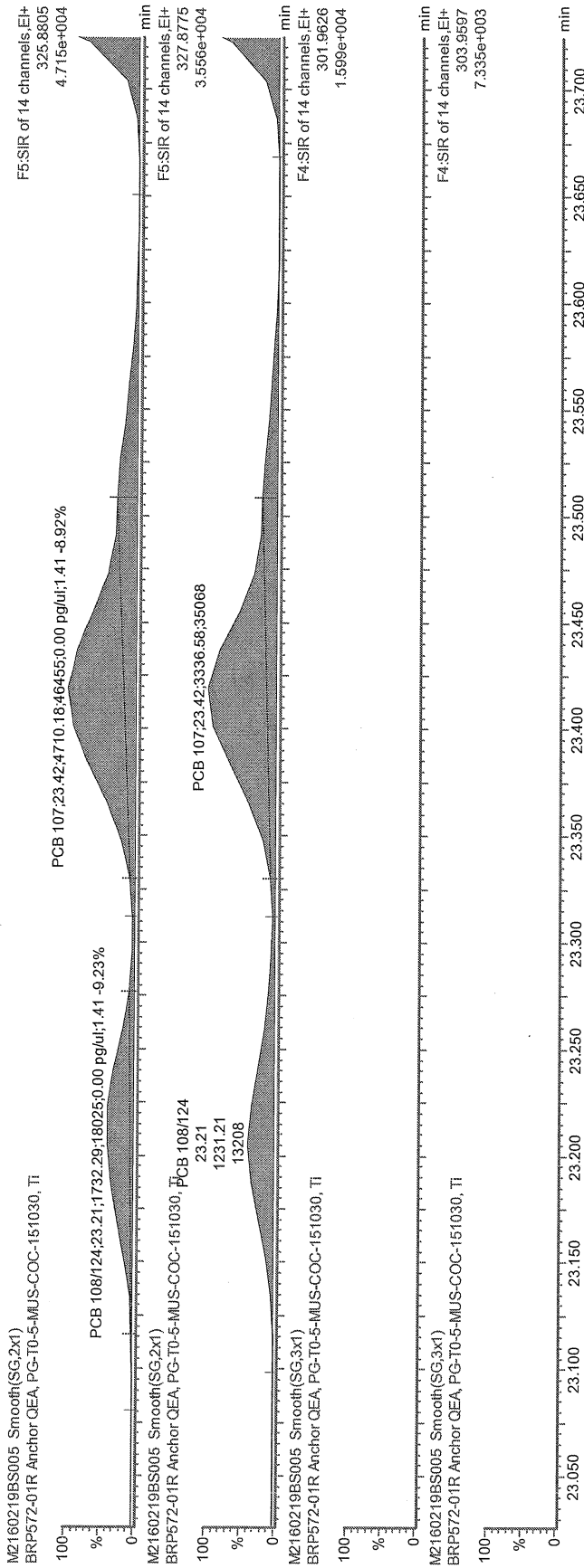
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2016-02-23

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FEB 23 2016

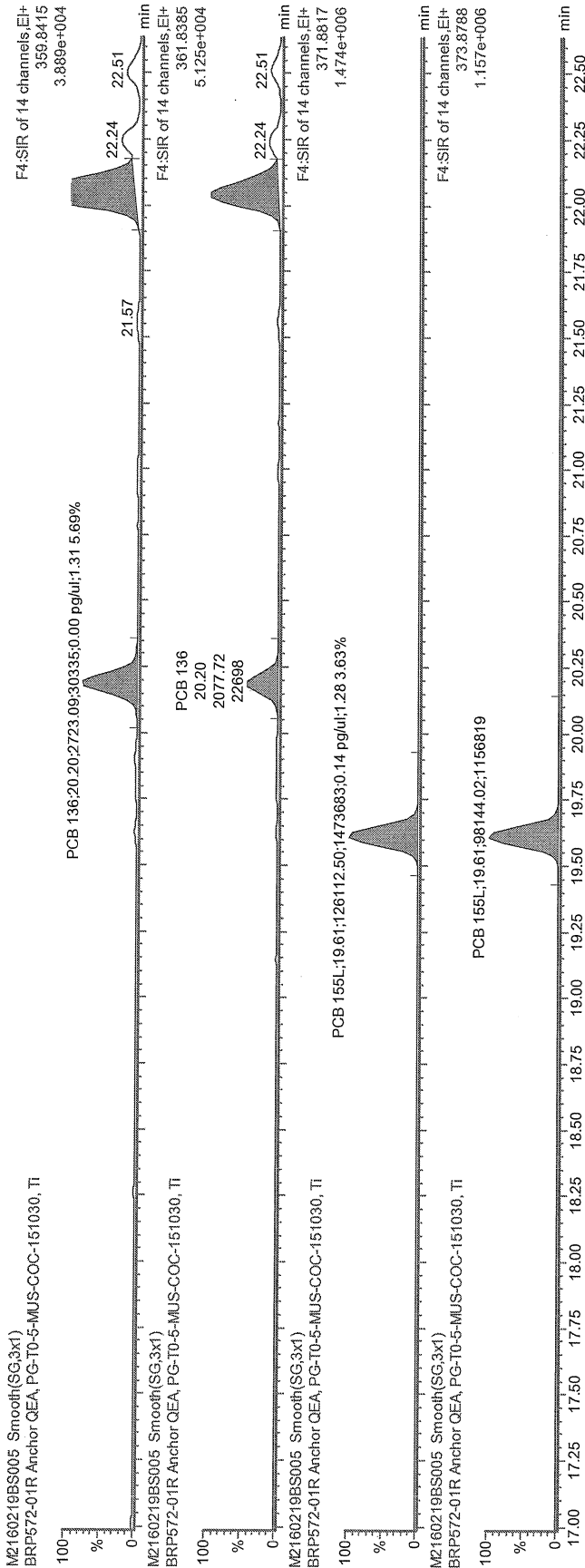
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M3

2016-02-23

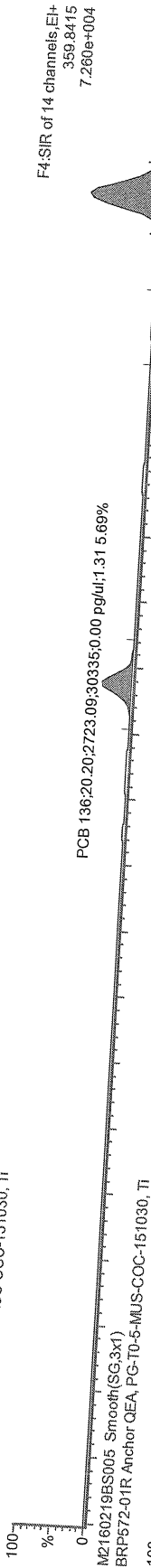
FEB 23 2016



bef
 '2016-02-23

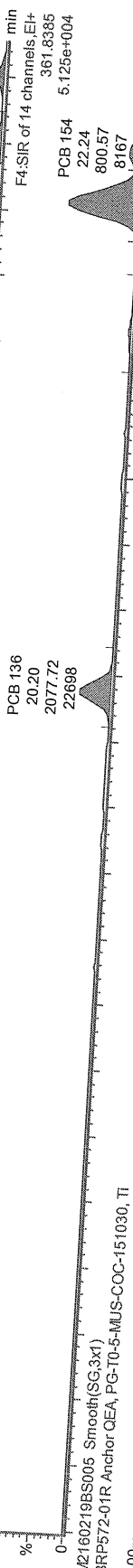
FEB 23 2016
JK

M2160219BS005 Smooth(SG.3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



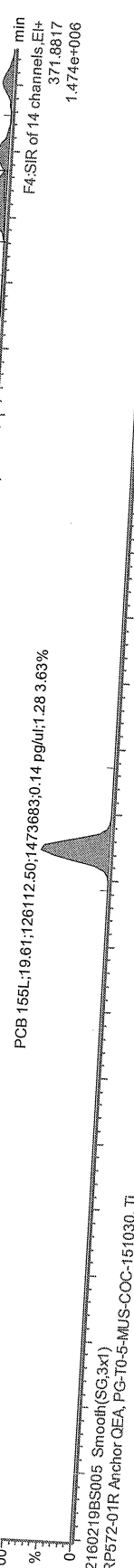
PCB 136:20:2723.09;30335:0.00 pg/ul;1.31 5.69%

M2160219BS005 Smooth(SG.3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



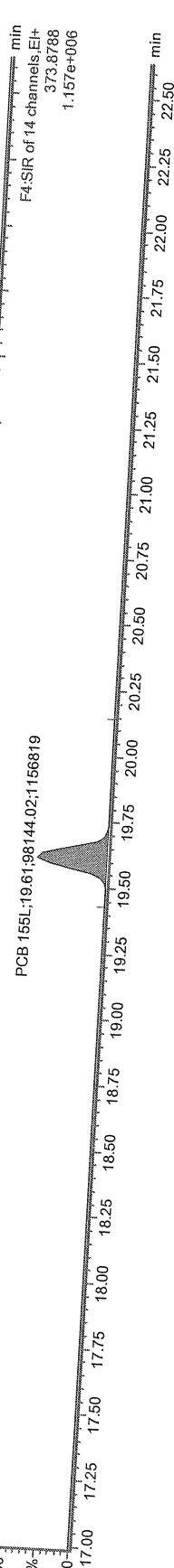
PCB 155L:19.61;126112.50;1473683:0.14 pg/ul;1.28 3.63%

M2160219BS005 Smooth(SG.3x1)
BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



PCB 155L:19.61;98144.02;1156619

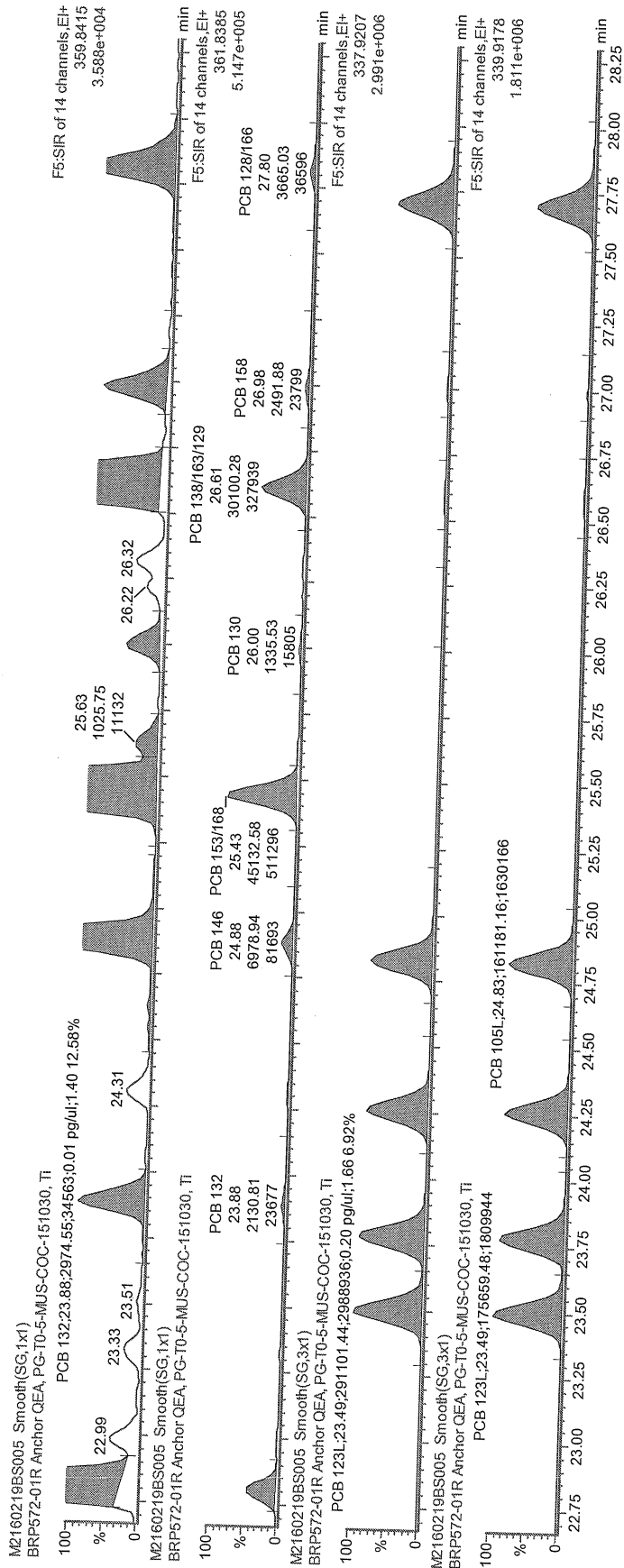
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BRP572-01R Anchor QEA, PG-T0-5-MUS-COC-151030, TI



M7

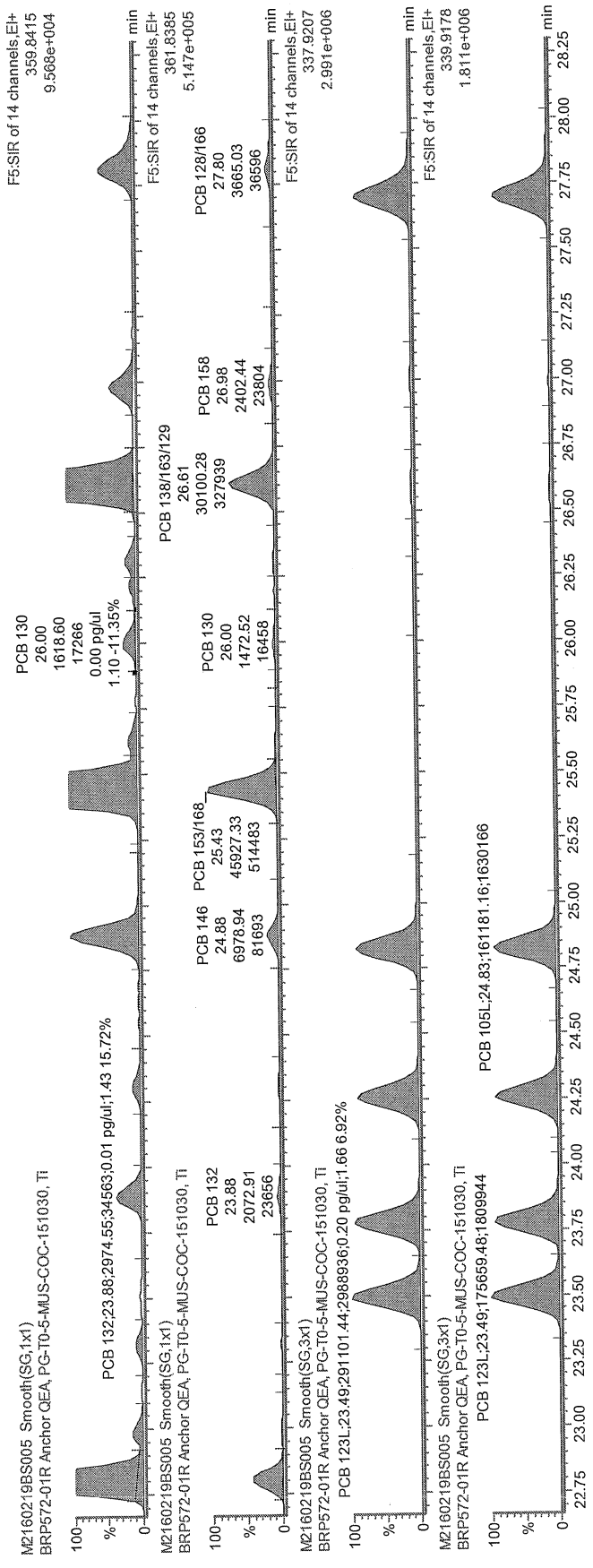
2016-02-23

FEB 23 2016



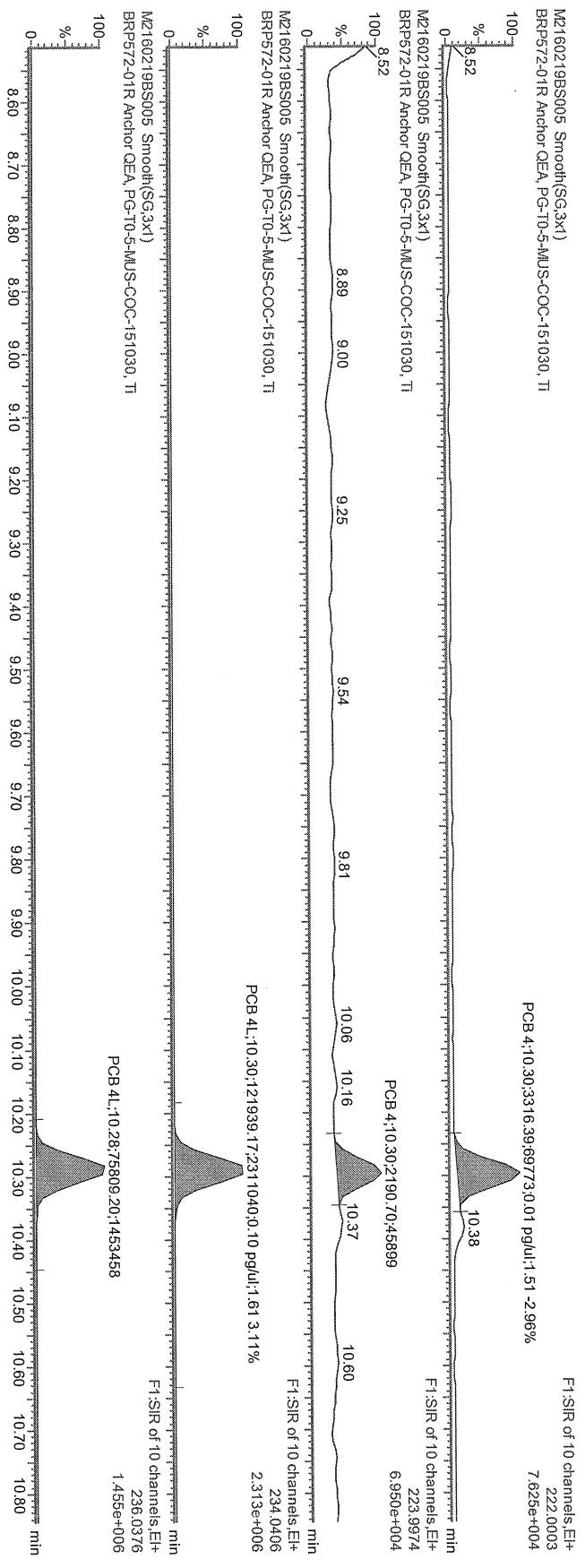
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2016-02-23

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 '2016-02-23

FEB 23 2016
 CE



FEB 23 2016

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2016-02-23

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Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com



Prepared for: Anchor QEA, LLC

Project: Port Gamble Clean-up

Analytical Data Package

Analysis: PCB Congeners by EPA 1668A

Maxxam Job #: B612062

Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com



I hereby certify that to the best of my knowledge all analytical data presented in this report:

- Has been checked for completeness.
- Is accurate, legible and error free.
- Has been conducted in accordance with approved SOP's and that all deviations are clearly listed in the Case Narrative.
- This report has been generated in .pdf format.

Review Performed By:

Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

Glossary of Terms

- **MDL** represents the Minimum Detection Limit below which the laboratory cannot confirm the presence of the analyte to the 95% confidence level.
- **RDL** represents the Reportable Detection Limit and is usually set at a value equivalent to the lowest calibration standard
- **Acceptance Criteria** are values used by the laboratory to determine that a process is in control.
- **Accuracy** is the degree of agreement of a measured value with the true or expected value.
- **Calibration Standards** are a set of solutions containing the analytes of interest at a specified concentration.
- **Calibration Verification Standard** consists of a calibration standard solution of intermediate concentration (mid-point initial calibration level) used to access whether the initial calibration is still valid
- **Certified Reference Material** is a stable homogenous material that is certified by repetitive analysis from a supplier who is certified to generate said materials.
- **Internal Standard** a deuterated or ¹³C-labelled analyte that is added to a sample extract prior to instrumental analysis to compensate for injection variability.
- **Isomer** is a member of a group of compounds that differ from each other only in the locations of a specific number of common substituent atoms or groups of atoms on the parent compound.
- **Method Blank** is a laboratory control sample using reagents that are known to be free of contamination.
- **Precision** is the degree of agreement between the data generated from repetitive measurements under specific conditions.
- **Quality Assurance** is a system of activities whose purpose is to provide the producer or user of a product with the assurance that the product meets a defined standard of quality.
- **Quality Control** is the overall system of activities whose purpose is to control the quality of a product so that it meets the needs of the end user.
- **RSD** is the relative standard deviation.
- **Blank Spike** is a laboratory control sample that has been fortified with native analytes of interest.
- **Window Defining Mixture** is a solution containing only the earliest and latest eluting congeners within each homologous group of target analytes on a specified GC column.
- **RPD** or Relative Percent Difference. A measure used to compare duplicate sample analysis.
- **EMPC/NDR** – Peak detected does not meet ratio criteria and has resulted in a higher detection limit.



1.0 Project Narrative

Maxxam Analytics International
6740 Campobello Rd. Mississauga,
Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

PROJECT NARRATIVE

Maxxam Analytics
Maxxam Job #: B612062



Client: Anchor QEA, LLC
Client Project: ATSO

I. SAMPLE RECEIPT/ANALYSIS

a) Sample Listing

Maxxam ID	Client Sample ID	Date Sampled	Date Received	Date Prepped	Date Run	Initial Calibration
PCB Congeners in Tissue (1668A)						
BRP508	PG-SMA2-2-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/18	2016/02/11
BRP509	PG-PJ-1-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/18	2016/02/11
BRP510	PG-WS-1-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/18	2016/02/11
BRP510 Dup	PG-WS-1-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/18	2016/02/11
BRP511	PG-GP-1-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/18	2016/02/11
BRP512	PG-SMA2-5-MUS-COC-160104	2016/01/04	2016/01/20	2016/02/11	2016/02/19	2016/02/11
BRP513	PG-SMA2-4-MUS-COC-160105	2016/01/05	2016/01/20	2016/02/11	2016/02/19	2016/02/11

Run Date is defined as the date of injection of the last calibration standard (12 hours or less) prior to the samples analyzed within that run sequence. Therefore the time of calibration injection that defines the run date is always within 12 hours of the time of sample injection.

b) Shipping Problems: none encountered

c) Documentation Problems: none encountered

II. SAMPLE PREP:

No problems encountered

III. SAMPLE ANALYSIS:

See also comments within the appropriate Certificate of Analysis

a) Hold Times: all within recommended hold times

b) Instrument Calibration: all within control limits

c) Quality Control: All applicable QC meets control criteria, except where otherwise noted.

d) All analytes requiring manual intergration(s) are noted on the sample chromatograms

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for other than the conditions detailed above.

In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the cognizant laboratory official or his/her designee, as verified by this signature.

M Di Grazia

2016/03/28

Date



2.0 Summary Report

Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com



Your Project #: ATSO
 Site#: PORT GAMBLE
 Site Location: PORT GAMBLE CLEAN-UP
 Your C.O.C. #: NA

Attention:
Anchor QEA Reporting Group
 Anchor QEA, LLC
 720 Olive Way, Suite 1900
 Seattle, WA
 USA 98101

Report Date: 2016/03/28
Report #: R3943088
Version: 4R

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B612062
Received: 2016/01/20, 14:25

Sample Matrix: TISSUE
 # Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
PCB Congeners in Tissue (1668A)	4	2016/02/11	2016/02/18	BRL SOP-00408, BRL SOP-00409	EPA 1668A m
PCB Congeners in Tissue (1668A)	2	2016/02/11	2016/02/19	BRL SOP-00408, BRL SOP-00409	EPA 1668A m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
 * RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

- U = Undetected at the limit of quantitation.
- J = Estimated concentration between the EDL & RDL.
- B = Blank Contamination.
- Q = One or more quality control criteria failed.
- E = Analyte concentration exceeds the maximum concentration level.
- K = Estimated maximum possible concentration due to ion abundance ratio failure.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Melissa DiGrazia, Project Manager - ATUT
 Email: MDiGrazia@maxxam.ca
 Phone# (905) 817-5700

=====
 Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Analytics International Corporation is a NELAC accredited laboratory. Certificate # 04012. Use of the NELAC logo however does not insure that Maxxam is accredited for all of the methods indicated. This certificate shall not be reproduced except in full, without the written



Your Project #: ATSO
Site#: PORT GAMBLE
Site Location: PORT GAMBLE CLEAN-UP
Your C.O.C. #: NA

Attention:
Anchor QEA Reporting Group

Anchor QEA, LLC
720 Olive Way, Suite 1900
Seattle, WA
USA 98101

Report Date: 2016/03/28
Report #: R3943088
Version: 4R

CERTIFICATE OF ANALYSIS – REVISED REPORT

-2-

approval of Maxxam. Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section.

Total cover pages: 2

Page 2 of 72

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04 14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2-MonoCB-(1)	ng/g	0.00070 U	0.00070	0.0098	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00063 U	0.00063	0.0098	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00070 U	0.00070	0.0098	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0032 U	0.0032	0.0098	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0039 U	0.0039	0.0098	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0029 U	0.0029	0.0098	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0033 U	0.0033	0.0098	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0068 J	0.0026	0.0098	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0029 U	0.0029	0.0098	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.0025 U	0.0025	0.0098	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0069 JB	0.0030	0.0098	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0032 U	0.0032	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0029 U	0.0029	0.0098	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0229	0.0044	0.0098	N/A	N/A	N/A	N/A	4386412
2,2',3-TriCB-(16)	ng/g	0.0165	0.0044	0.0098	N/A	N/A	N/A	N/A	4386412
2,2',4-TriCB-(17)	ng/g	0.0056 U (1)	0.0056	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0277	0.0027	0.020	N/A	N/A	N/A	N/A	4386412
2,2',6-TriCB-(19)	ng/g	0.0033 J	0.0024	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.306	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0409	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0361	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.0026 U	0.0026	0.0098	N/A	N/A	N/A	N/A	4386412
2,3',4-TriCB-(25)	ng/g	0.0081 J	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0195 J	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
2,3',6-TriCB-(27)	ng/g	0.0052 J	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
2,4',5-TriCB-(31)	ng/g	0.0873	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04							
		14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

24'6-TriCB-(32)	ng/g	0.0066 J	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
23'5-TriCB-(34)	ng/g	0.0011 U	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
33'4-TriCB-(35)	ng/g	0.00086 U	0.00086	0.0098	N/A	N/A	N/A	N/A	4386412
33'5-TriCB-(36)	ng/g	0.00087 U	0.00087	0.0098	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0402	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
345-TriCB-(38)	ng/g	0.00095 U	0.00095	0.0098	N/A	N/A	N/A	N/A	4386412
34'5-TriCB-(39)	ng/g	0.0018 J	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.0956	0.0026	0.029	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0434	0.0028	0.0098	N/A	N/A	N/A	N/A	4386412
22'35-TetraCB-(43)	ng/g	0.0158	0.0037	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.207	0.0024	0.029	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0181 J	0.0030	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0116	0.0034	0.0098	N/A	N/A	N/A	N/A	4386412
22'45-TetraCB-(48)	ng/g	0.0633	0.0028	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.0713	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0356	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.206	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
233'4-TetraCB-(55)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.0061 J	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'5-TetraCB-(57)	ng/g	0.0011 J	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0214 J	0.0019	0.029	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.0058 J	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.112	0.0011	0.039	N/A	N/A	N/A	N/A	4386412
234'5-TetraCB-(63)	ng/g	0.00421 J	0.00097	0.0098	N/A	N/A	N/A	N/A	4386412
234'6-TetraCB-(64)	ng/g	0.0393	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0437	0.00098	0.0098	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04							
		14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(67)	ng/g	0.00387 J	0.00091	0.0098	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.0017 U (1)	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.00204 J	0.00094	0.0098	N/A	N/A	N/A	N/A	4386412
23'5'6'-TetraCB-(73)	ng/g	0.0023 U	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.0037 J	0.0011	0.0098	N/A	0.000100	0.000000370	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.00095 U	0.00095	0.0098	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB-(79)	ng/g	0.00084 U	0.00084	0.0098	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.0010 U	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0020 J	0.0012	0.0098	N/A	0.000300	0.000000600	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0047 J	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0727	0.0015	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0099	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0136 J	0.0012	0.029	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0376 J	0.0013	0.059	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.0066 J	0.0015	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.144	0.0013	0.029	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0239	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0080 J	0.0015	0.039	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0018 U	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'35'6'-PentaCB-(95)	ng/g	0.0866	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.0013 U (1)	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
22'45'6'-PentaCB-(103)	ng/g	0.0025 J	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00020 U	0.00020	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0282	0.00078	0.0098	N/A	0.0000300	0.000000846	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00062 U	0.00062	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(107)	ng/g	0.00776 J	0.00066	0.0098	N/A	N/A	N/A	N/A	4386412

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QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04							
		14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(108)+(124)	ng/g	0.00242 J	0.00068	0.020	N/A	N/A	N/A	N/A	4386412
PentaCB-(110)+(115)	ng/g	0.0813	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.00191 J	0.00075	0.0098	N/A	0.0000300	0.0000000573	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0905 B	0.00077	0.0098	N/A	0.0000300	0.00000272	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.0010 U	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.00070 U	0.00070	0.0098	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.00162 J	0.00085	0.0098	N/A	0.0000300	0.0000000486	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.00252 J	0.00078	0.0098	N/A	0.100	0.000252	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00062 U	0.00062	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0304	0.0016	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.356	0.0017	0.029	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0121	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0023 U	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0355	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0053 J	0.0019	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0102 J	0.0021	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0977	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0238	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0029 J	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0026 J	0.0018	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0086 J	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0020 U	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0123	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0017 U	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0577	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412

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 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04 14:00							
COC Number		NA				TOXIC EQUIVALENCY			# of
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

HexaCB-(147)+(149)	ng/g	0.248	0.0019	0.020	N/A	N/A	N/A	N/A	4386412
22'34'56'-HexaCB-(148)	ng/g	0.0021 U	0.0021	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0018 U	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'35'66'-HexaCB-(152)	ng/g	0.0014 U	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.402	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0043 J	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.0011 U	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0205	0.00086	0.020	N/A	0.0000300	0.000000615	N/A	4386412
233'44'6'-HexaCB-(158)	ng/g	0.0238	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'45'5'-HexaCB-(159)	ng/g	0.00074 U	0.00074	0.0098	N/A	N/A	N/A	N/A	4386412
233'45'6'-HexaCB-(160)	ng/g	0.0015 U	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
233'45'6'-HexaCB-(161)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.00079 U	0.00079	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'5'6'-HexaCB-(164)	ng/g	0.0070 J	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
233'55'6'-HexaCB-(165)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.00964 J	0.00092	0.0098	N/A	0.0000300	0.000000289	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.00091 U	0.00091	0.0098	N/A	0.0300	0.0000273	N/A	4386412
22'33'44'5'-HeptaCB-(170)	ng/g	0.0218	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0227	0.0024	0.020	N/A	N/A	N/A	N/A	4386412
22'33'45'5'-HeptaCB-(172)	ng/g	0.0024 U	0.0024	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(174)	ng/g	0.0024 U	0.0024	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(175)	ng/g	0.0032 J	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'46'6'-HeptaCB-(176)	ng/g	0.0090 J	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0443	0.0024	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'6'-HeptaCB-(178)	ng/g	0.0180	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'56'6'-HeptaCB-(179)	ng/g	0.0291	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.114	0.0017	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(181)	ng/g	0.0026 U	0.0026	0.0098	N/A	N/A	N/A	N/A	4386412

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04							
		14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	0.0014 U	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'5'6'-HeptaCB-(183)	ng/g	0.0520	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'66'-HeptaCB-(184)	ng/g	0.0011 U	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
22'345'5'6'-HeptaCB-(185)	ng/g	0.0027 U	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412
22'34566'-HeptaCB-(186)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.123	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'566'-HeptaCB-(188)	ng/g	0.0010 U	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00536 J	0.00090	0.0098	N/A	0.0000300	0.000000161	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0115	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.0019 J	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
233'455'6'-HeptaCB-(192)	ng/g	0.0021 U	0.0021	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0078 J	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.0017 U	0.0017	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0018 U	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.0018 J	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0018 U	0.0018	0.020	N/A	N/A	N/A	N/A	4386412
22'33'4566'-OctaCB-(200)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.0048 J	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0101	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0088 J	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'566'-OctaCB-(204)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.0015 U	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'566'-NonaCB-(207)	ng/g	0.00097 U	0.00097	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'455'66'-NonaCB-(208)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.0014 UQB	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	4.13	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000285	N/A	N/A

N/A = Not Applicable
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EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04							
		14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	111	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'55'6'-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'45'56'6'-NonaCB-(208)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	61	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	63	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	51	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	44	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	94	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	63	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	63	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	94	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	96	N/A	N/A	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
 RDL = Reportable Detection Limit
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 QC Batch = Quality Control Batch
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP508							
Sampling Date		2016/01/04 14:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-2-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-44'-DiCB-(15)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	58	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04 09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

2-MonoCB-(1)	ng/g	0.00063 U	0.00063	0.0099	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00057 U	0.00057	0.0099	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00063 U	0.00063	0.0099	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0025 U	0.0025	0.0099	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0039 U	0.0039	0.0099	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0029 U	0.0029	0.0099	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0033 U	0.0033	0.0099	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0070 J	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0029 U	0.0029	0.0099	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.0019 U	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0070 JB	0.0030	0.0099	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0031 U	0.0031	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0029 U	0.0029	0.0099	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0194	0.0044	0.0099	N/A	N/A	N/A	N/A	4386412
2,2',3-TriCB-(16)	ng/g	0.0144	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
2,2',4-TriCB-(17)	ng/g	0.0076 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0289	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
2,2',6-TriCB-(19)	ng/g	0.0041 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.230	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0398	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0396	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
2,3',4-TriCB-(25)	ng/g	0.0076 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0169 J	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
2,3',6-TriCB-(27)	ng/g	0.0045 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
2,4',5-TriCB-(31)	ng/g	0.0768	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
2,4',6-TriCB-(32)	ng/g	0.0070 U (1)	0.0070	0.0099	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04							
		09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
33'4'-TriCB-(35)	ng/g	0.00094 U	0.00094	0.0099	N/A	N/A	N/A	N/A	4386412
33'5'-TriCB-(36)	ng/g	0.00096 U	0.00096	0.0099	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0284	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
345'-TriCB-(38)	ng/g	0.0010 U	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
34'5'-TriCB-(39)	ng/g	0.0015 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.0758	0.0017	0.030	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0360	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'35'-TetraCB-(43)	ng/g	0.0115	0.0024	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.155	0.0016	0.030	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0160 J	0.0019	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0102	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
22'45'-TetraCB-(48)	ng/g	0.0474	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.0639	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0257	0.0019	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.150	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.00089 U	0.00089	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'-TetraCB-(55)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.0058 J	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(57)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0155 J	0.0012	0.030	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.0045 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0777	0.0013	0.039	N/A	N/A	N/A	N/A	4386412
234'5'-TetraCB-(63)	ng/g	0.0025 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
234'6'-TetraCB-(64)	ng/g	0.0355	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0299	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(67)	ng/g	0.0026 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04 09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

23'45'-TetraCB-(68)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.0013 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
23'56'-TetraCB-(73)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.0013 U	0.0013	0.0099	N/A	0.000100	0.000000130	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB(79)	ng/g	0.00099 U	0.00099	0.0099	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0014 U	0.0014	0.0099	N/A	0.000300	0.000000420	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0038 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0533	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0083 J	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0099 J	0.0011	0.030	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0294 J	0.0012	0.059	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.0053 J	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.0971	0.0012	0.030	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0165	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0068 J	0.0014	0.039	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0016 U	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(95)	ng/g	0.0610	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.0011 U (1)	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'456'-PentaCB-(103)	ng/g	0.0017 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00053 U	0.00053	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0208	0.00095	0.0099	N/A	0.0000300	0.000000624	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00076 U	0.00076	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'-PentaCB-(107)	ng/g	0.00620 J	0.00080	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(108)+(124)	ng/g	0.00191 J	0.00082	0.020	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04 09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(110)+(115)	ng/g	0.0612	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.0010 U	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.00091 U	0.00091	0.0099	N/A	0.0000300	0.0000000273	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0636 B	0.00094	0.0099	N/A	0.0000300	0.00000191	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.00090 U	0.00090	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.00086 U	0.00086	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0010 U	0.0010	0.0099	N/A	0.0000300	0.0000000300	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.00095 U	0.00095	0.0099	N/A	0.100	0.0000950	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00075 U	0.00075	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0211	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.221	0.0024	0.030	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0086 J	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0032 U	0.0032	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0249	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0036 J	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0050 J	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0588	0.0021	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0139	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0028 U	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0025 U	0.0025	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0066 J	0.0025	0.0099	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0028 U	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0075 J	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0016 U	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0367	0.0024	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(147)+(149)	ng/g	0.147	0.0026	0.020	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04							
		09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'34'56'-HexaCB-(148)	ng/g	0.0020 U	0.0020	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.255	0.0020	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0033 J	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0118 J	0.0011	0.020	N/A	0.0000300	0.000000354	N/A	4386412
233'44'6'-HexaCB-(158)	ng/g	0.0147	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.00098 U	0.00098	0.0099	N/A	N/A	N/A	N/A	4386412
233'456'-HexaCB-(160)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'6'-HexaCB-(161)	ng/g	0.0018 U	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.0010 U	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'6'-HexaCB-(164)	ng/g	0.0047 J	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
233'55'6'-HexaCB-(165)	ng/g	0.0023 U	0.0023	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.0062 J	0.0012	0.0099	N/A	0.0000300	0.000000186	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.0012 U	0.0012	0.0099	N/A	0.0300	0.0000360	N/A	4386412
22'33'44'5'-HeptaCB-(170)	ng/g	0.0142	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0144 J	0.0017	0.020	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(175)	ng/g	0.0016 U	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.0049 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0283	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'6'-HeptaCB-(178)	ng/g	0.0117	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'566'-HeptaCB-(179)	ng/g	0.0176	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.0669	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(181)	ng/g	0.0018 U	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(182)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04							
		09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6'-HeptaCB-(183)	ng/g	0.0314	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'6'6'-HeptaCB-(184)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'-HeptaCB-(185)	ng/g	0.0019 U	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'6'-HeptaCB-(186)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.0752	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'56'6'-HeptaCB-(188)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00192 J	0.00036	0.0099	N/A	0.0000300	0.0000000576	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0067 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'6'-HeptaCB-(192)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0053 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0031 U	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.0024 U	0.0024	0.0099	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0032 U	0.0032	0.020	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(200)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.0025 J	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0060 U (1)	0.0060	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0056 J	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'56'6'-OctaCB-(204)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.0027 U	0.0027	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'6'-NonaCB-(207)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-NonaCB-(208)	ng/g	0.0027 U	0.0027	0.0099	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.0021 UQB	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	2.88	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000135	N/A	N/A

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04							
		09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	110	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'55'6'-NonaCB-(206)	%	79	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'455'66'-NonaCB-(208)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	60	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	55	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	51	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	87	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	86	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	96	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	75	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	68	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	102	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP509							
Sampling Date		2016/01/04 09:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-PJ-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-44'-DiCB-(15)	%	77	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	93	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

2-MonoCB-(1)	ng/g	0.00062 U	0.00062	0.0099	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00056 U	0.00056	0.0099	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00062 U	0.00062	0.0099	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0026 U	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0044 U	0.0044	0.0099	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0033 U	0.0033	0.0099	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0037 U	0.0037	0.0099	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0098 J	0.0029	0.0099	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0033 U	0.0033	0.0099	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.0020 U	0.0020	0.0099	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0099 JB	0.0033	0.0099	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0035 U	0.0035	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0032 U	0.0032	0.0099	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0284	0.0049	0.0099	N/A	N/A	N/A	N/A	4386412
2,2,3-TriCB-(16)	ng/g	0.0242	0.0039	0.0099	N/A	N/A	N/A	N/A	4386412
2,2,4-TriCB-(17)	ng/g	0.0099 J	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0429	0.0024	0.020	N/A	N/A	N/A	N/A	4386412
2,2,6-TriCB-(19)	ng/g	0.0056 J	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.353	0.00093	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0605	0.00088	0.020	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0579	0.00098	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.0023 U	0.0023	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,4-TriCB-(25)	ng/g	0.0110	0.00083	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0250	0.00090	0.020	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(27)	ng/g	0.0071 J	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
2,4,5-TriCB-(31)	ng/g	0.120	0.00083	0.0099	N/A	N/A	N/A	N/A	4386412
2,4,6-TriCB-(32)	ng/g	0.0103	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412

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The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04							
		11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'5'-TriCB-(34)	ng/g	0.00089 U	0.00089	0.0099	N/A	N/A	N/A	N/A	4386412
33'4'-TriCB-(35)	ng/g	0.0015 U (1)	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
33'5'-TriCB-(36)	ng/g	0.00070 U	0.00070	0.0099	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0436	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
345'-TriCB-(38)	ng/g	0.00077 U	0.00077	0.0099	N/A	N/A	N/A	N/A	4386412
34'5'-TriCB-(39)	ng/g	0.00221 J	0.00084	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.117	0.0026	0.030	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0544	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
22'35'-TetraCB-(43)	ng/g	0.0160	0.0037	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.238	0.0024	0.030	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0247	0.0030	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0149	0.0035	0.0099	N/A	N/A	N/A	N/A	4386412
22'45'-TetraCB-(48)	ng/g	0.0727	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.102	0.0023	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0395	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.234	0.0023	0.0099	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'-TetraCB-(55)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.0078 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(57)	ng/g	0.0012 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0248 J	0.0019	0.030	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.0064 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.117	0.0013	0.040	N/A	N/A	N/A	N/A	4386412
234'5'-TetraCB-(63)	ng/g	0.0044 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
234'6'-TetraCB-(64)	ng/g	0.0573	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0438	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

23'45'-TetraCB-(67)	ng/g	0.0042 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.0015 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.0019 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
23'5'6'-TetraCB-(73)	ng/g	0.0024 U	0.0024	0.0099	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.0023 J	0.0013	0.0099	N/A	0.000100	0.000000230	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB(79)	ng/g	0.00099 U	0.00099	0.0099	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0014 U	0.0014	0.0099	N/A	0.000300	0.000000420	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0052 J	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0881	0.0016	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0117	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0124 J	0.0012	0.030	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0417 J	0.0013	0.060	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.0085 J	0.0016	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.147	0.0014	0.030	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0241	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0101 J	0.0016	0.040	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0018 U	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'35'6'-PentaCB-(95)	ng/g	0.0873	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.00188 J	0.00037	0.0099	N/A	N/A	N/A	N/A	4386412
22'45'6'-PentaCB-(103)	ng/g	0.0024 J	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00030 U	0.00030	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0318	0.0012	0.0099	N/A	0.0000300	0.000000954	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00096 U	0.00096	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(107)	ng/g	0.0081 J	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(108)+(124)	ng/g	0.0029 J	0.0010	0.020	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(110)+(115)	ng/g	0.0937	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.0015 J	0.0012	0.0099	N/A	0.0000300	0.0000000450	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0953 B	0.0012	0.0099	N/A	0.0000300	0.000000286	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.0010 U	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0013 U	0.0013	0.0099	N/A	0.0000300	0.0000000390	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.0012 U	0.0012	0.0099	N/A	0.100	0.000120	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00095 U	0.00095	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0328	0.0015	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.368	0.0017	0.030	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0145	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0022 U	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0393	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0061 J	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0068 J	0.0020	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0851	0.0033	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0218	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0031 J	0.0020	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0031 J	0.0018	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0106	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0019 U	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0109	0.0030	0.0099	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0026 U	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0628	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(147)+(149)	ng/g	0.235	0.0018	0.020	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04							
		11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'34'56'-HexaCB-(148)	ng/g	0.0031 U	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0026 U	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.431	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0049 J	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0190 J	0.0015	0.020	N/A	0.0000300	0.000000570	N/A	4386412
233'44'6-HexaCB-(158)	ng/g	0.0230	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
233'456-HexaCB-(160)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'6-HexaCB-(161)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'6-HexaCB-(164)	ng/g	0.0077 J	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
233'55'6-HexaCB-(165)	ng/g	0.0016 U	0.0016	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.0087 J	0.0016	0.0099	N/A	0.0000300	0.000000261	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.0016 U	0.0016	0.0099	N/A	0.0300	0.0000480	N/A	4386412
22'33'44'5-HeptaCB-(170)	ng/g	0.0256	0.0023	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0222	0.0032	0.020	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0031 U	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0031 U	0.0031	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6-HeptaCB-(175)	ng/g	0.0025 U	0.0025	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.0080 J	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0418	0.0032	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'6-HeptaCB-(178)	ng/g	0.0183	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'566'-HeptaCB-(179)	ng/g	0.0265	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.112	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56-HeptaCB-(181)	ng/g	0.0033 U	0.0033	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(182)	ng/g	0.0025 U	0.0025	0.0099	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04							
		11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6'-HeptaCB-(183)	ng/g	0.0517	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'66'-HeptaCB-(184)	ng/g	0.0020 U	0.0020	0.0099	N/A	N/A	N/A	N/A	4386412
22'3455'6'-HeptaCB-(185)	ng/g	0.0035 U	0.0035	0.0099	N/A	N/A	N/A	N/A	4386412
22'34566'-HeptaCB-(186)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.121	0.0026	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'566'-HeptaCB-(188)	ng/g	0.0019 U	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00247 J	0.00078	0.0099	N/A	0.0000300	0.0000000741	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0099 J	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.0022 U	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
233'455'6'-HeptaCB-(192)	ng/g	0.0028 U	0.0028	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0085 J	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.0015 U	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0027 U	0.0027	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.0021 U	0.0021	0.0099	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0028 U	0.0028	0.020	N/A	N/A	N/A	N/A	4386412
22'33'4566'-OctaCB-(200)	ng/g	0.0018 U	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.0043 J	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0111	0.0018	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0092 J	0.0027	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'566'-OctaCB-(204)	ng/g	0.0019 U	0.0019	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.0022 U	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'566'-NonaCB-(207)	ng/g	0.0017 U	0.0017	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'455'66'-NonaCB-(208)	ng/g	0.0022 U	0.0022	0.0099	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.0029 UQB	0.0029	0.0099	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	4.55	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000173	N/A	N/A
Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	93	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04							
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COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-22'33'44'55'6-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5-HeptaCB-(170)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'45'56'6-NonaCB-(208)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	59	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6-HeptaCB-(178)	%	76	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	55	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	54	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	49	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	83	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5-PentaCB-(118)	%	94	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5-PentaCB-(123)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	66	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-44'-DiCB-(15)	%	78	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-DecaCB-(209)	%	78	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

2-MonoCB-(1)	ng/g	0.00063 U	0.00063	0.0098	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00057 U	0.00057	0.0098	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00063 U	0.00063	0.0098	N/A	N/A	N/A	N/A	4386412
22'-DiCB-(4)	ng/g	0.0034 J	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0029 U	0.0029	0.0098	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0026 J	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0025 U	0.0025	0.0098	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0090 J	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0022 U	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0081 JB	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0024 U	0.0024	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0022 U	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0270	0.0033	0.0098	N/A	N/A	N/A	N/A	4386412
22'3-TriCB-(16)	ng/g	0.0241	0.0046	0.0098	N/A	N/A	N/A	N/A	4386412
22'4-TriCB-(17)	ng/g	0.0095 J	0.0034	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0429	0.0028	0.020	N/A	N/A	N/A	N/A	4386412
22'6-TriCB-(19)	ng/g	0.0053 J	0.0026	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.341	0.00090	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0602	0.00085	0.020	N/A	N/A	N/A	N/A	4386412
234'-TriCB-(22)	ng/g	0.0570	0.00095	0.0098	N/A	N/A	N/A	N/A	4386412
235-TriCB-(23)	ng/g	0.0010 U	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
236-TriCB-(24)	ng/g	0.0027 U	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412
23'4-TriCB-(25)	ng/g	0.0107	0.00080	0.0098	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0241	0.00087	0.020	N/A	N/A	N/A	N/A	4386412
23'6-TriCB-(27)	ng/g	0.0070 J	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
24'5-TriCB-(31)	ng/g	0.118	0.00080	0.0098	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

24'6-TriCB-(32)	ng/g	0.0106	0.0021	0.0098	N/A	N/A	N/A	N/A	4386412
23'5'-TriCB-(34)	ng/g	0.00086 U	0.00086	0.0098	N/A	N/A	N/A	N/A	4386412
33'4-TriCB-(35)	ng/g	0.00209 J	0.00067	0.0098	N/A	N/A	N/A	N/A	4386412
33'5-TriCB-(36)	ng/g	0.00068 U	0.00068	0.0098	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0428	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
345-TriCB-(38)	ng/g	0.00074 U	0.00074	0.0098	N/A	N/A	N/A	N/A	4386412
34'5-TriCB-(39)	ng/g	0.00202 J	0.00081	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.119	0.0025	0.029	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0554	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412
22'35-TetraCB-(43)	ng/g	0.0170	0.0036	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.237	0.0024	0.029	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0246	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0145	0.0033	0.0098	N/A	N/A	N/A	N/A	4386412
22'45-TetraCB-(48)	ng/g	0.0729	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.0999	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0401	0.0028	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.233	0.0022	0.0098	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.0014 U	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
233'4-TetraCB-(55)	ng/g	0.00093 U	0.00093	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.00756 J	0.00093	0.0098	N/A	N/A	N/A	N/A	4386412
233'5-TetraCB-(57)	ng/g	0.00103 J	0.00076	0.0098	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.00090 U	0.00090	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0239 J	0.0018	0.029	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.00619 J	0.00094	0.0098	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.112	0.00084	0.039	N/A	N/A	N/A	N/A	4386412
234'5-TetraCB-(63)	ng/g	0.00411 J	0.00074	0.0098	N/A	N/A	N/A	N/A	4386412
234'6-TetraCB-(64)	ng/g	0.0580	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

23'44'-TetraCB-(66)	ng/g	0.0440	0.00075	0.0098	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(67)	ng/g	0.00406 J	0.00069	0.0098	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.00171 J	0.00076	0.0098	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.00210 J	0.00071	0.0098	N/A	N/A	N/A	N/A	4386412
23'5'6-TetraCB-(73)	ng/g	0.0023 U	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.00214 J	0.00086	0.0098	N/A	0.000100	0.000000214	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.00072 U	0.00072	0.0098	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB-(79)	ng/g	0.00088 J	0.00063	0.0098	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.00076 U	0.00076	0.0098	N/A	N/A	N/A	N/A	4386412
344'5-TetraCB-(81)	ng/g	0.00090 U	0.00090	0.0098	N/A	0.000300	0.000000270	N/A	4386412
22'33'4-PentaCB-(82)	ng/g	0.00504 J	0.00081	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0852	0.00074	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6-PentaCB-(84)	ng/g	0.0119	0.00086	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0156 J	0.00058	0.029	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0416 J	0.00063	0.059	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.00835 J	0.00073	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.00079 U	0.00079	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.144	0.00065	0.029	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0236	0.00077	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00917 J	0.00074	0.039	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.00085 U	0.00085	0.0098	N/A	N/A	N/A	N/A	4386412
22'35'6-PentaCB-(95)	ng/g	0.0859	0.00067	0.0098	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.0015 U (1)	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'45'6-PentaCB-(103)	ng/g	0.00235 J	0.00062	0.0098	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00021 U	0.00021	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0306	0.0011	0.0098	N/A	0.0000300	0.000000918	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00088 U	0.00088	0.0098	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
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Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

233'4'5'-PentaCB-(107)	ng/g	0.00720 J	0.00093	0.0098	N/A	N/A	N/A	N/A	4386412
PentaCB-(108)+(124)	ng/g	0.00284 J	0.00096	0.020	N/A	N/A	N/A	N/A	4386412
PentaCB-(110)+(115)	ng/g	0.0881	0.00061	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.00057 U	0.00057	0.0098	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.00056 U	0.00056	0.0098	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.0015 J	0.0011	0.0098	N/A	0.0000300	0.0000000450	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0917 B	0.0011	0.0098	N/A	0.0000300	0.00000275	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.00048 U	0.00048	0.0098	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.00060 U	0.00060	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.00099 U	0.00099	0.0098	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0012 U	0.0012	0.0098	N/A	0.0000300	0.0000000360	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.0011 U	0.0011	0.0098	N/A	0.100	0.000110	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00087 U	0.00087	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0315	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.361	0.0012	0.029	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0130	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0394	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0058 J	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0064 J	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0844	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0210	0.0020	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0039 J	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0028 J	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0112	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0106	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412

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TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'3466'-HexaCB-(145)	ng/g	0.0023 U	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0619	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(147)+(149)	ng/g	0.234	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
22'34'56'-HexaCB-(148)	ng/g	0.0027 U	0.0027	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0023 U	0.0023	0.0098	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.0019 U	0.0019	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.426	0.00099	0.0098	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0050 J	0.0024	0.0098	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.0015 U	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0181 J	0.0014	0.020	N/A	0.0000300	0.000000543	N/A	4386412
233'44'6'-HexaCB-(158)	ng/g	0.0227	0.00084	0.0098	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
233'456'-HexaCB-(160)	ng/g	0.0010 U	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
233'45'6'-HexaCB-(161)	ng/g	0.00087 U	0.00087	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
233'4'5'6'-HexaCB-(164)	ng/g	0.00715 J	0.00092	0.0098	N/A	N/A	N/A	N/A	4386412
233'55'6'-HexaCB-(165)	ng/g	0.0011 U	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.0085 J	0.0015	0.0098	N/A	0.0000300	0.000000255	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.0015 U	0.0015	0.0098	N/A	0.0300	0.0000450	N/A	4386412
22'33'44'5'-HeptaCB-(170)	ng/g	0.0250	0.0010	0.0098	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0221	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0025 J	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0014 U	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(175)	ng/g	0.0029 J	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.0079 J	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0418	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'6'-HeptaCB-(178)	ng/g	0.0182	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'33'566'-HeptaCB-(179)	ng/g	0.0257	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.111	0.00096	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(181)	ng/g	0.0015 U	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(182)	ng/g	0.0015 U	0.0015	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'5'6'-HeptaCB-(183)	ng/g	0.0514	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'66'-HeptaCB-(184)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'3455'6'-HeptaCB-(185)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
22'34566'-HeptaCB-(186)	ng/g	0.0013 U	0.0013	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.122	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
22'34'566'-HeptaCB-(188)	ng/g	0.0011 U	0.0011	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00271 J	0.00043	0.0098	N/A	0.0000300	0.0000000813	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0103	0.00098	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.00232 J	0.00098	0.0098	N/A	N/A	N/A	N/A	4386412
233'455'6'-HeptaCB-(192)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0080 U (1)	0.0080	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0028 U	0.0028	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.0021 U	0.0021	0.0098	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0028 U	0.0028	0.020	N/A	N/A	N/A	N/A	4386412
22'33'4566'-OctaCB-(200)	ng/g	0.0018 U	0.0018	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.0042 J	0.0019	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0101	0.0019	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0092 J	0.0028	0.0098	N/A	N/A	N/A	N/A	4386412
22'344'566'-OctaCB-(204)	ng/g	0.0019 U	0.0019	0.0098	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.0014 U	0.0014	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
22'33'44'566'-NonaCB-(207)	ng/g	0.0012 U	0.0012	0.0098	N/A	N/A	N/A	N/A	4386412

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'33'455'66'-NonaCB-(208)	ng/g	0.0016 U	0.0016	0.0098	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.0026 UQB	0.0026	0.0098	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	4.49	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000160	N/A	N/A
Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	113	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'55'6'-NonaCB-(206)	%	80	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	73	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'455'66'-NonaCB-(208)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	62	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	91	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	73	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	67	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	75	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	57	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	58	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	86	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	87	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	90	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	96	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	85	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP510							
Sampling Date		2016/01/04 11:45							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-WS-1-MUS-COC-160104 Lab-Dup	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-44'-DiCB-(15)	%	81	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-DecaCB-(209)	%	79	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	91	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04							
		10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2-MonoCB-(1)	ng/g	0.00073 U	0.00073	0.010	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00066 U	0.00066	0.010	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00073 U	0.00073	0.010	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0024 U	0.0024	0.010	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0038 U	0.0038	0.010	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0029 U	0.0029	0.010	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0032 U	0.0032	0.010	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0069 U (1)	0.0069	0.010	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0029 U	0.0029	0.010	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.0018 U	0.0018	0.010	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0069 JB	0.0029	0.010	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0031 U	0.0031	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0028 U	0.0028	0.010	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0224	0.0043	0.010	N/A	N/A	N/A	N/A	4386412
2,2,3-TriCB-(16)	ng/g	0.0178	0.0029	0.010	N/A	N/A	N/A	N/A	4386412
2,2,4-TriCB-(17)	ng/g	0.0078 J	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0303	0.0018	0.020	N/A	N/A	N/A	N/A	4386412
2,2,6-TriCB-(19)	ng/g	0.0044 J	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.263	0.00081	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0439	0.00077	0.020	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0399	0.00085	0.010	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.00093 U	0.00093	0.010	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.0017 U	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
2,3,4-TriCB-(25)	ng/g	0.00799 J	0.00072	0.010	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0181 J	0.00079	0.020	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(27)	ng/g	0.0050 J	0.0015	0.010	N/A	N/A	N/A	N/A	4386412
2,4,5-TriCB-(31)	ng/g	0.0832	0.00072	0.010	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
 Report Date: 2016/03/28

Anchor QEA, LLC
 Client Project #: ATSO
 Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04 10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

24'6-TriCB-(32)	ng/g	0.0082 J	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
23'5-TriCB-(34)	ng/g	0.00078 U	0.00078	0.010	N/A	N/A	N/A	N/A	4386412
33'4-TriCB-(35)	ng/g	0.00060 U	0.00060	0.010	N/A	N/A	N/A	N/A	4386412
33'5-TriCB-(36)	ng/g	0.00061 U	0.00061	0.010	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0324	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
345-TriCB-(38)	ng/g	0.00067 U	0.00067	0.010	N/A	N/A	N/A	N/A	4386412
34'5-TriCB-(39)	ng/g	0.00171 J	0.00073	0.010	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.0831	0.0016	0.030	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0375	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
22'35-TetraCB-(43)	ng/g	0.0122	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.171	0.0014	0.030	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0174 J	0.0018	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0116	0.0020	0.010	N/A	N/A	N/A	N/A	4386412
22'45-TetraCB-(48)	ng/g	0.0541	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.0667	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0293	0.0017	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.168	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.0011 U	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
233'4-TetraCB-(55)	ng/g	0.0017 U	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.0055 J	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
233'5-TetraCB-(57)	ng/g	0.0014 U	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.0017 U	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0176 J	0.0011	0.030	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.0047 J	0.0018	0.010	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0886	0.0016	0.040	N/A	N/A	N/A	N/A	4386412
234'5-TetraCB-(63)	ng/g	0.0032 J	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
234'6-TetraCB-(64)	ng/g	0.0370	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0339	0.0014	0.010	N/A	N/A	N/A	N/A	4386412

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 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04							
		10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
23'45'-TetraCB-(67)	ng/g	0.0031 J	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.0014 U	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.0017 J	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
23'5'6'-TetraCB-(73)	ng/g	0.0014 U	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.0016 J	0.0016	0.010	N/A	0.000100	0.000000160	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.0014 U	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB-(79)	ng/g	0.0012 U	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.0014 U	0.0014	0.010	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0017 U	0.0017	0.010	N/A	0.000300	0.000000510	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0039 J	0.0010	0.010	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0597	0.00090	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0087 J	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0115 J	0.00071	0.030	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0310 J	0.00077	0.060	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.00559 J	0.00090	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.00096 U	0.00096	0.010	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.105	0.00079	0.030	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0179	0.00094	0.010	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.00776 J	0.00091	0.040	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0010 U	0.0010	0.010	N/A	N/A	N/A	N/A	4386412
22'35'6'-PentaCB-(95)	ng/g	0.0647	0.00082	0.010	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.0011 U (f)	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
22'45'6'-PentaCB-(103)	ng/g	0.00159 J	0.00076	0.010	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00043 U	0.00043	0.010	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0235	0.0011	0.010	N/A	0.0000300	0.000000705	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00088 U	0.00088	0.010	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(107)	ng/g	0.00670 J	0.00093	0.010	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04 10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(108)+(124)	ng/g	0.00242 J	0.00096	0.020	N/A	N/A	N/A	N/A	4386412
PentaCB-(110)+(115)	ng/g	0.0648	0.00075	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.00069 U	0.00069	0.010	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.00069 U	0.00069	0.010	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.0011 U	0.0011	0.010	N/A	0.0000300	0.0000000330	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0700 B	0.0011	0.010	N/A	0.0000300	0.00000210	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.00059 U	0.00059	0.010	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.00074 U	0.00074	0.010	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.00099 U	0.00099	0.010	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0012 U	0.0012	0.010	N/A	0.0000300	0.0000000360	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.0011 U	0.0011	0.010	N/A	0.100	0.000110	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00087 U	0.00087	0.010	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0228	0.0025	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.245	0.0027	0.030	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0096 J	0.0031	0.010	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0036 U	0.0036	0.010	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0238	0.0034	0.010	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0044 J	0.0029	0.010	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0051 J	0.0033	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0611	0.0025	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0150	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0032 U	0.0032	0.010	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0028 U	0.0028	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0069 J	0.0028	0.010	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0031 U	0.0031	0.010	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0067 J	0.0023	0.010	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0020 U	0.0020	0.010	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0423	0.0027	0.010	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04 10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

HexaCB-(147)+(149)	ng/g	0.168	0.0029	0.020	N/A	N/A	N/A	N/A	4386412
22'34'56'-HexaCB-(148)	ng/g	0.0024 U	0.0024	0.010	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0020 U	0.0020	0.010	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.0016 U	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.284	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0032 J	0.0021	0.010	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.0013 U	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0121 J	0.00099	0.020	N/A	0.0000300	0.000000363	N/A	4386412
233'44'6-HexaCB-(158)	ng/g	0.0154	0.0019	0.010	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.00086 U	0.00086	0.010	N/A	N/A	N/A	N/A	4386412
233'456-HexaCB-(160)	ng/g	0.0023 U	0.0023	0.010	N/A	N/A	N/A	N/A	4386412
233'45'6-HexaCB-(161)	ng/g	0.0020 U	0.0020	0.010	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.00092 U	0.00092	0.010	N/A	N/A	N/A	N/A	4386412
233'4'5'6-HexaCB-(164)	ng/g	0.0052 J	0.0021	0.010	N/A	N/A	N/A	N/A	4386412
233'55'6-HexaCB-(165)	ng/g	0.0025 U	0.0025	0.010	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.0065 J	0.0011	0.010	N/A	0.0000300	0.000000195	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.0011 U	0.0011	0.010	N/A	0.0300	0.0000330	N/A	4386412
22'33'44'5-HeptaCB-(170)	ng/g	0.0147	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0143 J	0.0022	0.020	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0022 U	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0022 U	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
22'33'45'6-HeptaCB-(175)	ng/g	0.0016 U	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.0050 J	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0279	0.0022	0.010	N/A	N/A	N/A	N/A	4386412
22'33'55'6-HeptaCB-(178)	ng/g	0.0124	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
22'33'566'-HeptaCB-(179)	ng/g	0.0189	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.0693	0.0015	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56-HeptaCB-(181)	ng/g	0.0024 U	0.0024	0.010	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
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Anchor QEA, LLC
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04							
		10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'56'-HeptaCB-(182)	ng/g	0.0016 U	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
22'344'5'6'-HeptaCB-(183)	ng/g	0.0334	0.0018	0.010	N/A	N/A	N/A	N/A	4386412
22'344'66'-HeptaCB-(184)	ng/g	0.0012 U	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
22'3455'6'-HeptaCB-(185)	ng/g	0.0025 U	0.0025	0.010	N/A	N/A	N/A	N/A	4386412
22'34566'-HeptaCB-(186)	ng/g	0.0013 U	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.0799	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
22'34'566'-HeptaCB-(188)	ng/g	0.0012 U	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00184 J	0.00056	0.010	N/A	0.0000300	0.0000000552	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0063 J	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.0016 U	0.0016	0.010	N/A	N/A	N/A	N/A	4386412
233'455'6'-HeptaCB-(192)	ng/g	0.0019 U	0.0019	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0046 U (1)	0.0046	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.00080 U	0.00080	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0017 U	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.0013 U	0.0013	0.010	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0017 U	0.0017	0.020	N/A	N/A	N/A	N/A	4386412
22'33'4566'-OctaCB-(200)	ng/g	0.0011 U	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.0032 J	0.0011	0.010	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0073 J	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0054 J	0.0017	0.010	N/A	N/A	N/A	N/A	4386412
22'344'566'-OctaCB-(204)	ng/g	0.0012 U	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.00074 U	0.00074	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.0015 U	0.0015	0.010	N/A	N/A	N/A	N/A	4386412
22'33'44'566'-NonaCB-(207)	ng/g	0.0012 U	0.0012	0.010	N/A	N/A	N/A	N/A	4386412
22'33'455'66'-NonaCB-(208)	ng/g	0.0015 U	0.0015	0.010	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.0025 UQB	0.0025	0.010	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	3.16	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
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Anchor QEA, LLC
Client Project #: ATSO
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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04 10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000147	N/A	N/A
Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	115	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'55'6'-NonaCB-(206)	%	81	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'455'66'-NonaCB-(208)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	60	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	92	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	63	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	54	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6'-TriCB-(19)	%	52	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	48	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	88	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	101	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	91	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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 RDL = Reportable Detection Limit
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 QC Batch = Quality Control Batch
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP511							
Sampling Date		2016/01/04 10:10							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-GP-1-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-344'-TriCB-(37)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-44'-DiCB-(15)	%	76	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-DecaCB-(209)	%	76	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	92	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04							
		16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2-MonoCB-(1)	ng/g	0.00050 U	0.00050	0.0094	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00044 U	0.00044	0.0094	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00063 U (1)	0.00063	0.0094	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0062 J	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.0040 J	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.0184	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.0012 J	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.00081 U	0.00081	0.0094	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.0078 JB	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0020 U (1)	0.0020	0.019	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0438	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
2,2',3-TriCB-(16)	ng/g	0.0214	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
2,2',4-TriCB-(17)	ng/g	0.0157	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0529	0.0013	0.019	N/A	N/A	N/A	N/A	4386412
2,2',6-TriCB-(19)	ng/g	0.0102	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.376	0.00059	0.019	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0681	0.00059	0.019	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0639	0.00063	0.0094	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.00069 U	0.00069	0.0094	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.0013 J	0.0013	0.0094	N/A	N/A	N/A	N/A	4386412
2,3',4-TriCB-(25)	ng/g	0.0134	0.00058	0.0094	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0292	0.00062	0.019	N/A	N/A	N/A	N/A	4386412
2,3',6-TriCB-(27)	ng/g	0.0084 J	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
2,4',5-TriCB-(31)	ng/g	0.134	0.00055	0.0094	N/A	N/A	N/A	N/A	4386412

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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY			# of
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

24'6-TriCB-(32)	ng/g	0.0167	0.00095	0.0094	N/A	N/A	N/A	N/A	4386412
23'5-TriCB-(34)	ng/g	0.00099 J	0.00067	0.0094	N/A	N/A	N/A	N/A	4386412
33'4-TriCB-(35)	ng/g	0.00311 J	0.00066	0.0094	N/A	N/A	N/A	N/A	4386412
33'5-TriCB-(36)	ng/g	0.00054 U	0.00054	0.0094	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0663	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
345-TriCB-(38)	ng/g	0.00064 U	0.00064	0.0094	N/A	N/A	N/A	N/A	4386412
34'5-TriCB-(39)	ng/g	0.00284 J	0.00066	0.0094	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.159	0.0016	0.028	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0790	0.0018	0.0094	N/A	N/A	N/A	N/A	4386412
22'35-TetraCB-(43)	ng/g	0.0203	0.0022	0.0094	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.293	0.0014	0.028	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0286	0.0015	0.019	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0178	0.0018	0.0094	N/A	N/A	N/A	N/A	4386412
22'45-TetraCB-(48)	ng/g	0.0910	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.125	0.0013	0.019	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0438	0.0014	0.019	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.320	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
233'4-TetraCB-(55)	ng/g	0.00089 U	0.00089	0.0094	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.00741 J	0.00085	0.0094	N/A	N/A	N/A	N/A	4386412
233'5-TetraCB-(57)	ng/g	0.00095 J	0.00074	0.0094	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.00085 U	0.00085	0.0094	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0306	0.0011	0.028	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.00688 J	0.00086	0.0094	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.122	0.00079	0.038	N/A	N/A	N/A	N/A	4386412
234'5-TetraCB-(63)	ng/g	0.00471 J	0.00071	0.0094	N/A	N/A	N/A	N/A	4386412
234'6-TetraCB-(64)	ng/g	0.0761	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0444	0.00069	0.0094	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

23'45'-TetraCB-(67)	ng/g	0.00468 J	0.00066	0.0094	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.00178 J	0.00084	0.0094	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.00266 J	0.00086	0.0094	N/A	N/A	N/A	N/A	4386412
23'5'6'-TetraCB-(73)	ng/g	0.0011 U	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.0028 J	0.0010	0.0094	N/A	0.000100	0.000000280	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.00076 U	0.00076	0.0094	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB-(79)	ng/g	0.00082 J	0.00064	0.0094	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.00068 U	0.00068	0.0094	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0011 U	0.0011	0.0094	N/A	0.000300	0.000000330	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0053 J	0.0015	0.0094	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0837	0.0015	0.019	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0129	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0130 J	0.0011	0.028	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0451 J	0.0012	0.056	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.0110 J	0.0013	0.019	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.0014 U	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.165	0.0011	0.028	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0245	0.0013	0.0094	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0125 J	0.0014	0.038	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0018 J	0.0015	0.0094	N/A	N/A	N/A	N/A	4386412
22'35'6'-PentaCB-(95)	ng/g	0.115	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.0024 J	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'45'6'-PentaCB-(103)	ng/g	0.0031 J	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0341	0.00098	0.0094	N/A	0.0000300	0.00000102	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.00070 U	0.00070	0.0094	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(107)	ng/g	0.00761 J	0.00073	0.0094	N/A	N/A	N/A	N/A	4386412
PentaCB-(108)+(124)	ng/g	0.00319 J	0.00077	0.019	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04							
		16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(110)+(115)	ng/g	0.107	0.0011	0.019	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.00093 U	0.00093	0.0094	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.00200 J	0.00095	0.0094	N/A	0.0000300	0.000000600	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.108 B	0.00098	0.0094	N/A	0.0000300	0.00000324	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.00090 U	0.00090	0.0094	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.00079 U	0.00079	0.0094	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0011 U	0.0011	0.0094	N/A	0.0000300	0.000000330	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.00098 U	0.00098	0.0094	N/A	0.100	0.0000980	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.00071 U	0.00071	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0335	0.0012	0.019	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.423	0.0013	0.028	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0135	0.0015	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0021 J	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0525	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0052 J	0.0013	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0137 J	0.0015	0.019	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.138	0.0015	0.019	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0349	0.00098	0.0094	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0030 J	0.0015	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0029 J	0.0013	0.019	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0148	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0014 U	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0193	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0011 U	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0608	0.0013	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(147)+(149)	ng/g	0.321	0.0013	0.019	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
 RDL = Reportable Detection Limit
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 QC Batch = Quality Control Batch
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'34'56'-HexaCB-(148)	ng/g	0.0014 U	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.00098 U	0.00098	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.468	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0060 J	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.00066 U	0.00066	0.0094	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0242	0.0014	0.019	N/A	0.0000300	0.000000726	N/A	4386412
233'44'6-HexaCB-(158)	ng/g	0.0295	0.00092	0.0094	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.0010 U	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'456-HexaCB-(160)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
233'45'6-HexaCB-(161)	ng/g	0.00094 U	0.00094	0.0094	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.0044 J	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
233'4'5'6-HexaCB-(164)	ng/g	0.0100	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'55'6-HexaCB-(165)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.0117	0.0015	0.0094	N/A	0.0000300	0.000000351	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.0015 U	0.0015	0.0094	N/A	0.0300	0.0000450	N/A	4386412
22'33'44'5-HeptaCB-(170)	ng/g	0.0329	0.00099	0.0094	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0279	0.0014	0.019	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0014 U	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0013 U	0.0013	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'45'6-HeptaCB-(175)	ng/g	0.00429 J	0.00093	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.0117	0.00065	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0516	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'55'6-HeptaCB-(178)	ng/g	0.0205	0.00094	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'566'-HeptaCB-(179)	ng/g	0.0393	0.00064	0.0094	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.152	0.00089	0.019	N/A	N/A	N/A	N/A	4386412
22'344'56-HeptaCB-(181)	ng/g	0.0014 U	0.0014	0.0094	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(182)	ng/g	0.00096 U	0.00096	0.0094	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6'-HeptaCB-(183)	ng/g	0.0583	0.0011	0.0094	N/A	N/A	N/A	N/A	4386412
22'344'6'6'-HeptaCB-(184)	ng/g	0.00069 U	0.00069	0.0094	N/A	N/A	N/A	N/A	4386412
22'345'5'6'-HeptaCB-(185)	ng/g	0.0016 U	0.0016	0.0094	N/A	N/A	N/A	N/A	4386412
22'345'6'6'-HeptaCB-(186)	ng/g	0.00075 U	0.00075	0.0094	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.153	0.00096	0.0094	N/A	N/A	N/A	N/A	4386412
22'34'56'6'-HeptaCB-(188)	ng/g	0.00064 U	0.00064	0.0094	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00390 J	0.00056	0.0094	N/A	0.0000300	0.000000117	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.0141	0.00098	0.0094	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.0033 J	0.0010	0.0094	N/A	N/A	N/A	N/A	4386412
233'45'5'6'-HeptaCB-(192)	ng/g	0.0012 U	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.0109	0.00074	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.00196 J	0.00080	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0015 J	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.00230 J	0.00090	0.0094	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0013 U (1)	0.0013	0.019	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(200)	ng/g	0.00081 U	0.00081	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.00498 J	0.00080	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.0100	0.00087	0.0094	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0118	0.0012	0.0094	N/A	N/A	N/A	N/A	4386412
22'344'56'6'-OctaCB-(204)	ng/g	0.00081 U	0.00081	0.0094	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.00158 J	0.00076	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.00080 U	0.00080	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'44'56'6'-NonaCB-(207)	ng/g	0.00063 U	0.00063	0.0094	N/A	N/A	N/A	N/A	4386412
22'33'45'5'66'-NonaCB-(208)	ng/g	0.00080 U	0.00080	0.0094	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.00097 UKQB	0.00097	0.0094	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	5.51	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000149	N/A	N/A

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	125	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'55'6'-NonaCB-(206)	%	82	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	73	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'45'56'6'-NonaCB-(208)	%	74	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	90	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	78	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	65	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	49	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	53	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	81	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	103	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	101	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	103	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	101	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	70	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	64	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	95	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	108	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP512							
Sampling Date		2016/01/04 16:00							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-5-MUS-COC-160104	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-44'-DiCB-(15)	%	80	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	67	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-DecaCB-(209)	%	80	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	97	N/A	N/A	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05 09:40							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
2-MonoCB-(1)	ng/g	0.00066 U	0.00066	0.0099	N/A	N/A	N/A	N/A	4386412
3-MonoCB-(2)	ng/g	0.00057 U	0.00057	0.0099	N/A	N/A	N/A	N/A	4386412
4-MonoCB-(3)	ng/g	0.00066 U	0.00066	0.0099	N/A	N/A	N/A	N/A	4386412
2,2'-DiCB-(4)	ng/g	0.0037 J	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
2,3-DiCB-(5)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
2,3'-DiCB-(6)	ng/g	0.00237 J	0.00093	0.0099	N/A	N/A	N/A	N/A	4386412
2,4-DiCB-(7)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
2,4'-DiCB-(8)	ng/g	0.00960 J	0.00096	0.0099	N/A	N/A	N/A	N/A	4386412
2,5-DiCB-(9)	ng/g	0.00092 U	0.00092	0.0099	N/A	N/A	N/A	N/A	4386412
2,6-DiCB-(10)	ng/g	0.00083 U	0.00083	0.0099	N/A	N/A	N/A	N/A	4386412
3,3'-DiCB-(11)	ng/g	0.00785 JB	0.00094	0.0099	N/A	N/A	N/A	N/A	4386412
DiCB-(12)+(13)	ng/g	0.0015 U (1)	0.0015	0.020	N/A	N/A	N/A	N/A	4386412
3,5-DiCB-(14)	ng/g	0.00093 U	0.00093	0.0099	N/A	N/A	N/A	N/A	4386412
4,4'-DiCB-(15)	ng/g	0.0296	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
2,2',3-TriCB-(16)	ng/g	0.0141	0.00085	0.0099	N/A	N/A	N/A	N/A	4386412
2,2',4-TriCB-(17)	ng/g	0.00759 J	0.00085	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(18)+(30)	ng/g	0.0328	0.00069	0.020	N/A	N/A	N/A	N/A	4386412
2,2',6-TriCB-(19)	ng/g	0.00535 J	0.00075	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(20) + (28)	ng/g	0.276	0.00067	0.020	N/A	N/A	N/A	N/A	4386412
TriCB-(21)+(33)	ng/g	0.0476	0.00066	0.020	N/A	N/A	N/A	N/A	4386412
2,3,4'-TriCB-(22)	ng/g	0.0454	0.00071	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,5-TriCB-(23)	ng/g	0.00078 U	0.00078	0.0099	N/A	N/A	N/A	N/A	4386412
2,3,6-TriCB-(24)	ng/g	0.00071 U	0.00071	0.0099	N/A	N/A	N/A	N/A	4386412
2,3',4-TriCB-(25)	ng/g	0.00944 J	0.00065	0.0099	N/A	N/A	N/A	N/A	4386412
TriCB-(26)+(29)	ng/g	0.0201	0.00070	0.020	N/A	N/A	N/A	N/A	4386412
2,3',6-TriCB-(27)	ng/g	0.00557 J	0.00057	0.0099	N/A	N/A	N/A	N/A	4386412
2,4',5-TriCB-(31)	ng/g	0.0918	0.00061	0.0099	N/A	N/A	N/A	N/A	4386412

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WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05 09:40							
COC Number		NA				TOXIC EQUIVALENCY			# of
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

24'6-TriCB-(32)	ng/g	0.00859 J	0.00050	0.0099	N/A	N/A	N/A	N/A	4386412
23'5-TriCB-(34)	ng/g	0.00076 U	0.00076	0.0099	N/A	N/A	N/A	N/A	4386412
33'4-TriCB-(35)	ng/g	0.00220 J	0.00075	0.0099	N/A	N/A	N/A	N/A	4386412
33'5-TriCB-(36)	ng/g	0.00061 U	0.00061	0.0099	N/A	N/A	N/A	N/A	4386412
344'-TriCB-(37)	ng/g	0.0505	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
345-TriCB-(38)	ng/g	0.00072 U	0.00072	0.0099	N/A	N/A	N/A	N/A	4386412
34'5-TriCB-(39)	ng/g	0.00234 J	0.00074	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(40)+(41)+(71)	ng/g	0.110	0.0011	0.030	N/A	N/A	N/A	N/A	4386412
22'34'-TetraCB-(42)	ng/g	0.0569	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'35-TetraCB-(43)	ng/g	0.0150	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(44)+(47)+(65)	ng/g	0.216	0.00099	0.030	N/A	N/A	N/A	N/A	4386412
TetraCB-(45)+(51)	ng/g	0.0196 J	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
22'36'-TetraCB-(46)	ng/g	0.0122	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'45-TetraCB-(48)	ng/g	0.0645	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(49)+TetraCB-(69)	ng/g	0.0928	0.00089	0.020	N/A	N/A	N/A	N/A	4386412
TetraCB-(50)+(53)	ng/g	0.0301	0.0010	0.020	N/A	N/A	N/A	N/A	4386412
22'55'-TetraCB-(52)	ng/g	0.235	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
22'66'-TetraCB-(54)	ng/g	0.00060 U	0.00060	0.0099	N/A	N/A	N/A	N/A	4386412
233'4-TetraCB-(55)	ng/g	0.00083 U	0.00083	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'-Tetra CB(56)	ng/g	0.00526 J	0.00080	0.0099	N/A	N/A	N/A	N/A	4386412
233'5-TetraCB-(57)	ng/g	0.00076 J	0.00069	0.0099	N/A	N/A	N/A	N/A	4386412
233'5'-TetraCB-(58)	ng/g	0.00081 U	0.00081	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(59)+(62)+(75)	ng/g	0.0223 J	0.00078	0.030	N/A	N/A	N/A	N/A	4386412
2344'-TetraCB -(60)	ng/g	0.00503 J	0.00081	0.0099	N/A	N/A	N/A	N/A	4386412
TetraCB-(61)+(70)+(74)+(76)	ng/g	0.0912	0.00075	0.039	N/A	N/A	N/A	N/A	4386412
234'5-TetraCB-(63)	ng/g	0.00342 J	0.00067	0.0099	N/A	N/A	N/A	N/A	4386412
234'6-TetraCB-(64)	ng/g	0.0566	0.00086	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'-TetraCB-(66)	ng/g	0.0334	0.00065	0.0099	N/A	N/A	N/A	N/A	4386412

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Anchor QEA, LLC
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Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05 09:40							
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	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

23'45'-TetraCB-(67)	ng/g	0.00373 J	0.00062	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'-TetraCB-(68)	ng/g	0.00158 J	0.00079	0.0099	N/A	N/A	N/A	N/A	4386412
23'55'-TetraCB-(72)	ng/g	0.00209 J	0.00081	0.0099	N/A	N/A	N/A	N/A	4386412
23'5'6'-TetraCB-(73)	ng/g	0.00077 U	0.00077	0.0099	N/A	N/A	N/A	N/A	4386412
33'44'-TetraCB-(77)	ng/g	0.00205 J	0.00095	0.0099	N/A	0.000100	0.000000205	N/A	4386412
33'45'-TetraCB-(78)	ng/g	0.00072 U	0.00072	0.0099	N/A	N/A	N/A	N/A	4386412
33'45'-TetraCB-(79)	ng/g	0.00061 U	0.00061	0.0099	N/A	N/A	N/A	N/A	4386412
33'55'-TetraCB-(80)	ng/g	0.00064 U	0.00064	0.0099	N/A	N/A	N/A	N/A	4386412
344'5'-TetraCB-(81)	ng/g	0.0010 U	0.0010	0.0099	N/A	0.000300	0.000000300	N/A	4386412
22'33'4'-PentaCB-(82)	ng/g	0.0040 J	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(83)+(99)	ng/g	0.0641	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
22'33'6'-PentaCB-(84)	ng/g	0.0098 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(85)+(116)+(117)	ng/g	0.0099 J	0.0010	0.030	N/A	N/A	N/A	N/A	4386412
PentaCB-(86)(87)(97)(109)(119)(125)	ng/g	0.0328 J	0.0011	0.059	N/A	N/A	N/A	N/A	4386412
PentaCB-(88)+(91)	ng/g	0.0070 J	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
22'346'-PentaCB-(89)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(90)+(101)+(113)	ng/g	0.119	0.0011	0.030	N/A	N/A	N/A	N/A	4386412
22'355'-PentaCB-(92)	ng/g	0.0182	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(93)+(98)+(100)+(102)	ng/g	0.0088 J	0.0013	0.039	N/A	N/A	N/A	N/A	4386412
22'356'-PentaCB-(94)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'35'6'-PentaCB-(95)	ng/g	0.0811	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'366'-PentaCB-(96)	ng/g	0.00166 J	0.00084	0.0099	N/A	N/A	N/A	N/A	4386412
22'45'6'-PentaCB-(103)	ng/g	0.0020 J	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
22'466'-PentaCB-(104)	ng/g	0.00061 U	0.00061	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'-PentaCB-(105)	ng/g	0.0244	0.0015	0.0099	N/A	0.0000300	0.000000732	N/A	4386412
233'45'-PentaCB-(106)	ng/g	0.0010 U	0.0010	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(107)	ng/g	0.0057 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
PentaCB-(108)+(124)	ng/g	0.0025 J	0.0012	0.020	N/A	N/A	N/A	N/A	4386412

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Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05 09:40							
COC Number		NA				TOXIC EQUIVALENCY			# of
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

PentaCB-(110)+(115)	ng/g	0.0780	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
233'55'-PentaCB-(111)	ng/g	0.00096 U	0.00096	0.0099	N/A	N/A	N/A	N/A	4386412
233'56'-PentaCB-(112)	ng/g	0.00087 U	0.00087	0.0099	N/A	N/A	N/A	N/A	4386412
2344'5'-PentaCB-(114)	ng/g	0.0014 U	0.0014	0.0099	N/A	0.0000300	0.0000000420	N/A	4386412
23'44'5'-PentaCB-(118)	ng/g	0.0787 B	0.0015	0.0099	N/A	0.0000300	0.00000236	N/A	4386412
23'455'-PentaCB-(120)	ng/g	0.00085 U	0.00085	0.0099	N/A	N/A	N/A	N/A	4386412
23'45'6'-PentaCB-(121)	ng/g	0.00098 U	0.00098	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'-PentaCB-(122)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'5'-PentaCB-(123)	ng/g	0.0016 U	0.0016	0.0099	N/A	0.0000300	0.0000000480	N/A	4386412
33'44'5'-PentaCB-(126)	ng/g	0.0015 U	0.0015	0.0099	N/A	0.100	0.000150	N/A	4386412
33'455'-PentaCB-(127)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(128)+(166)	ng/g	0.0250	0.0011	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(129)+(138)+(163)	ng/g	0.306	0.0012	0.030	N/A	N/A	N/A	N/A	4386412
22'33'45'-HexaCB-(130)	ng/g	0.0110	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(131)	ng/g	0.0020 J	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'46'-HexaCB-(132)	ng/g	0.0379	0.0015	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'-HexaCB-(133)	ng/g	0.0039 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(134)+(143)	ng/g	0.0097 J	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
HexaCB-(135)+(151)	ng/g	0.0958	0.0014	0.020	N/A	N/A	N/A	N/A	4386412
22'33'66'-HexaCB-(136)	ng/g	0.0234	0.00093	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'5'-HexaCB-(137)	ng/g	0.0129	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(139)+(140)	ng/g	0.0023 J	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
22'3455'-HexaCB-(141)	ng/g	0.0103	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'3456'-HexaCB-(142)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'-HexaCB-(144)	ng/g	0.0127	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'3466'-HexaCB-(145)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'-HexaCB-(146)	ng/g	0.0444	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(147)+(149)	ng/g	0.222	0.0012	0.020	N/A	N/A	N/A	N/A	4386412

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SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05							
		09:40							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

22'34'56'-HexaCB-(148)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'66'-HexaCB-(150)	ng/g	0.00098 U	0.00098	0.0099	N/A	N/A	N/A	N/A	4386412
22'3566'-HexaCB-(152)	ng/g	0.00093 U	0.00093	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(153)+(168)	ng/g	0.330	0.00098	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'56'-HexaCB-(154)	ng/g	0.0041 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'44'66'-HexaCB-(155)	ng/g	0.00063 U	0.00063	0.0099	N/A	N/A	N/A	N/A	4386412
HexaCB-(156)+(157)	ng/g	0.0177 J	0.00076	0.020	N/A	0.0000300	0.000000531	N/A	4386412
233'44'6-HexaCB-(158)	ng/g	0.0206	0.00085	0.0099	N/A	N/A	N/A	N/A	4386412
233'455'-HexaCB-(159)	ng/g	0.00056 U	0.00056	0.0099	N/A	N/A	N/A	N/A	4386412
233'456-HexaCB-(160)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'6-HexaCB-(161)	ng/g	0.00087 U	0.00087	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'55'-HexaCB-(162)	ng/g	0.00062 U	0.00062	0.0099	N/A	N/A	N/A	N/A	4386412
233'4'5'6-HexaCB-(164)	ng/g	0.00094 U	0.00094	0.0099	N/A	N/A	N/A	N/A	4386412
233'55'6-HexaCB-(165)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
23'44'55'-HexaCB-(167)	ng/g	0.00867 J	0.00082	0.0099	N/A	0.0000300	0.000000260	N/A	4386412
33'44'55'-HexaCB-(169)	ng/g	0.00081 U	0.00081	0.0099	N/A	0.0300	0.0000243	N/A	4386412
22'33'44'5-HeptaCB-(170)	ng/g	0.0233	0.00090	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(171)+(173)	ng/g	0.0193 J	0.0013	0.020	N/A	N/A	N/A	N/A	4386412
22'33'455'-HeptaCB-(172)	ng/g	0.0020 J	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'456'-HeptaCB-(174)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6-HeptaCB-(175)	ng/g	0.0028 J	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'466'-HeptaCB-(176)	ng/g	0.00797 J	0.00082	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'6'-HeptaCB-(177)	ng/g	0.0362	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'6-HeptaCB-(178)	ng/g	0.0143	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'566'-HeptaCB-(179)	ng/g	0.0266	0.00080	0.0099	N/A	N/A	N/A	N/A	4386412
HeptaCB-(180)+(193)	ng/g	0.106	0.00081	0.020	N/A	N/A	N/A	N/A	4386412
22'344'56-HeptaCB-(181)	ng/g	0.0013 U	0.0013	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'56'-HeptaCB-(182)	ng/g	0.0012 U	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412

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	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch
22'344'5'6'-HeptaCB-(183)	ng/g	0.0442	0.00099	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'6'6'-HeptaCB-(184)	ng/g	0.00087 U	0.00087	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'5'6'-HeptaCB-(185)	ng/g	0.0014 U	0.0014	0.0099	N/A	N/A	N/A	N/A	4386412
22'345'6'6'-HeptaCB-(186)	ng/g	0.00095 U	0.00095	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'55'6'-HeptaCB-(187)	ng/g	0.108	0.0012	0.0099	N/A	N/A	N/A	N/A	4386412
22'34'56'6'-HeptaCB-(188)	ng/g	0.00081 U	0.00081	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'-HeptaCB-(189)	ng/g	0.00263 J	0.00075	0.0099	N/A	0.0000300	0.0000000789	N/A	4386412
233'44'56'-HeptaCB-(190)	ng/g	0.00999	0.00089	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'5'6'-HeptaCB-(191)	ng/g	0.00223 J	0.00092	0.0099	N/A	N/A	N/A	N/A	4386412
233'45'5'6'-HeptaCB-(192)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'-OctaCB-(194)	ng/g	0.00780 J	0.00086	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(195)	ng/g	0.00093 U	0.00093	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'-OctaCB-(196)	ng/g	0.0011 U	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'66'-OctaCB-(197)	ng/g	0.00143 J	0.00086	0.0099	N/A	N/A	N/A	N/A	4386412
OctaCB-(198)+(199)	ng/g	0.0012 U	0.0012	0.020	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(200)	ng/g	0.00077 U	0.00077	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'66'-OctaCB-(201)	ng/g	0.00367 J	0.00076	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'55'66'-OctaCB-(202)	ng/g	0.00785 J	0.00083	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'55'6'-OctaCB-(203)	ng/g	0.0079 J	0.0011	0.0099	N/A	N/A	N/A	N/A	4386412
22'344'56'6'-OctaCB-(204)	ng/g	0.00078 U	0.00078	0.0099	N/A	N/A	N/A	N/A	4386412
233'44'55'6'-OctaCB-(205)	ng/g	0.00105 J	0.00089	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'55'6'-NonaCB-(206)	ng/g	0.00084 U	0.00084	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'44'56'6'-NonaCB-(207)	ng/g	0.00066 U	0.00066	0.0099	N/A	N/A	N/A	N/A	4386412
22'33'45'56'6'-NonaCB-(208)	ng/g	0.00084 U	0.00084	0.0099	N/A	N/A	N/A	N/A	4386412
DecaCB-(209)	ng/g	0.00081 UQB	0.00081	0.0099	N/A	N/A	N/A	N/A	4386412
Total PCB	ng/g	3.94	N/A	N/A	N/A	N/A	N/A	N/A	4386412
TOTAL TOXIC EQUIVALENCY	ng/g	N/A	N/A	N/A	N/A	N/A	0.000179	N/A	N/A
Surrogate Recovery (%)									
C13-2,44'-TriCB-(28)	%	126 Q	N/A	N/A	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05							
		09:40							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-22'33'44'55'6'-NonaCB-(206)	%	85	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'44'5'-HeptaCB-(170)	%	67	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'45'56'6'-NonaCB-(208)	%	71	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'66'-OctaCB-(202)	%	60	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'33'55'6'-HeptaCB-(178)	%	89	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'344'55'-HeptaCB-(180)	%	67	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'34'566'-HeptaCB-(188)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'44'66'-HexaCB-(155)	%	72	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'466'-PentaCB-(104)	%	80	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'66'-TetraCB-(54)	%	64	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'6-TriCB-(19)	%	50	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-22'-DiCB-(4)	%	54	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'6'-OctaCB-(205)	%	84	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'55'-HeptaCB-(189)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'44'-PentaCB-(105)	%	103	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-233'55'-PentaCB-(111)	%	104	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'55'-HexaCB-(167)	%	100	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2344'5'-PentaCB-(114)	%	103	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-23'44'5'-PentaCB-(118)	%	102	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2'344'5'-PentaCB-(123)	%	105	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-2-MonoCB-(1)	%	73	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'55'-HexaCB-(169)	%	69	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'5'-PentaCB-(126)	%	106	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-33'44'-TetraCB-(77)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'5'-TetraCB-(81)	%	98	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-344'-TriCB-(37)	%	109	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-44'-DiCB-(15)	%	83	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-4-MonoCB-(3)	%	68	N/A	N/A	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

SEMI-VOLATILE ORGANICS BY HRMS (TISSUE)

Maxxam ID		BRP513							
Sampling Date		2016/01/05 09:40							
COC Number		NA				TOXIC EQUIVALENCY		# of	
	Units	PG-SMA2-4-MUS-COC-160105	EDL	RDL	MDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

C13-DecaCB-(209)	%	84	N/A	N/A	N/A	N/A	N/A	N/A	4386412
C13-HexaCB-(156)+(157)	%	99	N/A	N/A	N/A	N/A	N/A	N/A	4386412

N/A = Not Applicable
RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch
TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

Test Summary

Maxxam ID BRP508 **Collected** 2016/01/04
Sample ID PG-SMA2-2-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/18	Cathy Xu

Maxxam ID BRP509 **Collected** 2016/01/04
Sample ID PG-PJ-1-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/18	Cathy Xu

Maxxam ID BRP510 **Collected** 2016/01/04
Sample ID PG-WS-1-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/18	Cathy Xu

Maxxam ID BRP510 Dup **Collected** 2016/01/04
Sample ID PG-WS-1-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/18	Cathy Xu

Maxxam ID BRP511 **Collected** 2016/01/04
Sample ID PG-GP-1-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/18	Cathy Xu

Maxxam ID BRP512 **Collected** 2016/01/04
Sample ID PG-SMA2-5-MUS-COC-160104 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/19	Cathy Xu

Maxxam ID BRP513 **Collected** 2016/01/05
Sample ID PG-SMA2-4-MUS-COC-160105 **Shipped**
Matrix TISSUE **Received** 2016/01/20

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
PCB Congeners in Tissue (1668A)	HRMS/MS	4386412	2016/02/11	2016/02/19	Cathy Xu

Maxxam Job #: B612062
Report Date: 2016/03/28

Anchor QEA, LLC
Client Project #: ATSO
Site Location: PORT GAMBLE CLEAN-UP

GENERAL COMMENTS

Report revised to reflect correction to Internal Standard recoveries for sample BRP510 DUP, WS# 4386412. No impact to data.
Report revised to reflect change to BRP513 sample ID.

Results relate only to the items tested.

Anchor QEA, LLC
Attention: Anchor QEA Reporting Group
Client Project #: ATSO
P.O. #:
Site Location: PORT GAMBLE CLEAN-UP

Quality Assurance Report
Maxxam Job Number: GB612062

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	QC Standard	C13-2,44'-TriCB-(28)	2016/02/18		121	%	40 - 125
		C13-22'33'44'55'6'-NonaCB-(206)	2016/02/18		94	%	30 - 140
		C13-22'33'44'5'-HeptaCB-(170)	2016/02/18		77	%	30 - 140
		C13-22'33'455'66'-NonaCB-(208)	2016/02/18		73	%	30 - 140
		C13-22'33'55'66'-OctaCB-(202)	2016/02/18		65	%	30 - 140
		C13-22'33'55'6'-HeptaCB-(178)	2016/02/18		97	%	40 - 125
		C13-22'344'55'-HeptaCB-(180)	2016/02/18		76	%	30 - 140
		C13-22'34'566'-HeptaCB-(188)	2016/02/18		73	%	30 - 140
		C13-22'44'66'-HexaCB-(155)	2016/02/18		65	%	30 - 140
		C13-22'466'-PentaCB-(104)	2016/02/18		74	%	30 - 140
		C13-22'66'-TetraCB-(54)	2016/02/18		58	%	30 - 140
		C13-22'6'-TriCB-(19)	2016/02/18		60	%	30 - 140
		C13-22'-DiCB-(4)	2016/02/18		53	%	30 - 140
		C13-233'44'55'6'-OctaCB-(205)	2016/02/18		87	%	30 - 140
		C13-233'44'55'-HeptaCB-(189)	2016/02/18		90	%	30 - 140
		C13-233'44'-PentaCB-(105)	2016/02/18		98	%	30 - 140
		C13-233'55'-PentaCB-(111)	2016/02/18		104	%	40 - 125
		C13-23'44'55'-HexaCB-(167)	2016/02/18		93	%	30 - 140
		C13-2344'5'-PentaCB-(114)	2016/02/18		97	%	30 - 140
		C13-23'44'5'-PentaCB-(118)	2016/02/18		96	%	30 - 140
		C13-2'344'5'-PentaCB-(123)	2016/02/18		95	%	30 - 140
		C13-2-MonoCB-(1)	2016/02/18		74	%	15 - 140
		C13-33'44'55'-HexaCB-(169)	2016/02/18		63	%	30 - 140
		C13-33'44'5'-PentaCB-(126)	2016/02/18		99	%	30 - 140
		C13-33'44'-TetraCB-(77)	2016/02/18		98	%	30 - 140
		C13-344'5'-TetraCB-(81)	2016/02/18		102	%	30 - 140
		C13-344'-TriCB-(37)	2016/02/18		106	%	30 - 140
		C13-44'-DiCB-(15)	2016/02/18		77	%	30 - 140
		C13-4-MonoCB-(3)	2016/02/18		73	%	15 - 140
		C13-DecaCB-(209)	2016/02/18		81	%	30 - 140
		C13-HexaCB-(156)+(157)	2016/02/18		93	%	30 - 140
		2-MonoCB-(1)	2016/02/18		0.043	%	N/A
		4-MonoCB-(3)	2016/02/18		0.0049	%	N/A
		22'-DiCB-(4)	2016/02/18		0.30	%	N/A
		4,4'-DiCB-(15)	2016/02/18		0.23	%	N/A
		22'6'-TriCB-(19)	2016/02/18		0.19	%	N/A
		235'-TriCB-(23)	2016/02/18		0	%	N/A
		23'5'-TriCB-(34)	2016/02/18		0.014	%	N/A
		344'-TriCB-(37)	2016/02/18		0.31	%	N/A
		22'66'-TetraCB-(54)	2016/02/18		0.015	%	N/A
		33'44'-TetraCB-(77)	2016/02/18		0.27	%	N/A
		344'5'-TetraCB-(81)	2016/02/18		0.0084	%	N/A
		22'466'-PentaCB-(104)	2016/02/18		0	%	N/A
		233'44'-PentaCB-(105)	2016/02/18		2.1	%	N/A
		2344'5'-PentaCB-(114)	2016/02/18		0.099	%	N/A
		23'44'5'-PentaCB-(118)	2016/02/18		5.7	%	N/A
		23'44'5'-PentaCB-(123)	2016/02/18		0.057	%	N/A
		33'44'5'-PentaCB-(126)	2016/02/18		0.012	%	N/A
		22'44'66'-HexaCB-(155)	2016/02/18		0	%	N/A
		HexaCB-(156)+(157)	2016/02/18		0.52	%	N/A
		23'44'55'-HexaCB-(167)	2016/02/18		0.30	%	N/A
		33'44'55'-HexaCB-(169)	2016/02/18		0	%	N/A
		22'33'44'5'-HeptaCB-(170)	2016/02/18		0.11	%	N/A
		HeptaCB-(180)+(193)	2016/02/18		0.65	%	N/A
		22'344'56'-HeptaCB-(182)	2016/02/18		0	%	N/A

Anchor QEA, LLC
Attention: Anchor QEA Reporting Group
Client Project #: ATSO
P.O. #:
Site Location: PORT GAMBLE CLEAN-UP

Quality Assurance Report (Continued)

Maxxam Job Number: GB612062

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	QC Standard	22'34'55'6'-HeptaCB-(187)	2016/02/18		1.9	%	N/A
		22'34'566'-HeptaCB-(188)	2016/02/18		0.0036	%	N/A
		233'44'55'-HeptaCB-(189)	2016/02/18		0.023	%	N/A
		22'33'55'66'-OctaCB-(202)	2016/02/18		0.20	%	N/A
		233'44'55'6'-OctaCB-(205)	2016/02/18		0.0041	%	N/A
		22'33'44'55'6'-NonaCB-(206)	2016/02/18		0.0073	%	N/A
		22'33'455'66'-NonaCB-(208)	2016/02/18		0	%	N/A
		DecaCB-(209)	2016/02/18		0.011	%	N/A
	Spiked Blank	C13-2,44'-TriCB-(28)	2016/02/18		113	%	40 - 125
	Spiked Blank DUP	C13-2,44'-TriCB-(28)	2016/02/18		110	%	40 - 125
	Spiked Blank	C13-22'33'44'55'6'-NonaCB-(206)	2016/02/18		98	%	30 - 140
	Spiked Blank DUP	C13-22'33'44'55'6'-NonaCB-(206)	2016/02/18		86	%	30 - 140
	Spiked Blank	C13-22'33'44'5'-HeptaCB-(170)	2016/02/18		89	%	30 - 140
	Spiked Blank DUP	C13-22'33'44'5'-HeptaCB-(170)	2016/02/18		75	%	30 - 140
	Spiked Blank	C13-22'33'455'66'-NonaCB-(208)	2016/02/18		87	%	30 - 140
	Spiked Blank DUP	C13-22'33'455'66'-NonaCB-(208)	2016/02/18		78	%	30 - 140
	Spiked Blank	C13-22'33'55'66'-OctaCB-(202)	2016/02/18		77	%	30 - 140
	Spiked Blank DUP	C13-22'33'55'66'-OctaCB-(202)	2016/02/18		65	%	30 - 140
	Spiked Blank	C13-22'33'55'6'-HeptaCB-(178)	2016/02/18		99	%	40 - 125
	Spiked Blank DUP	C13-22'33'55'6'-HeptaCB-(178)	2016/02/18		95	%	40 - 125
	Spiked Blank	C13-22'344'55'-HeptaCB-(180)	2016/02/18		86	%	30 - 140
	Spiked Blank DUP	C13-22'344'55'-HeptaCB-(180)	2016/02/18		74	%	30 - 140
	Spiked Blank	C13-22'34'566'-HeptaCB-(188)	2016/02/18		76	%	30 - 140
	Spiked Blank DUP	C13-22'34'566'-HeptaCB-(188)	2016/02/18		75	%	30 - 140
	Spiked Blank	C13-22'44'66'-HexaCB-(155)	2016/02/18		69	%	30 - 140
	Spiked Blank DUP	C13-22'44'66'-HexaCB-(155)	2016/02/18		69	%	30 - 140
	Spiked Blank	C13-22'466'-PentaCB-(104)	2016/02/18		76	%	30 - 140
	Spiked Blank DUP	C13-22'466'-PentaCB-(104)	2016/02/18		75	%	30 - 140
	Spiked Blank	C13-22'66'-TetraCB-(54)	2016/02/18		63	%	30 - 140
	Spiked Blank DUP	C13-22'66'-TetraCB-(54)	2016/02/18		59	%	30 - 140
	Spiked Blank	C13-22'6'-TriCB-(19)	2016/02/18		57	%	30 - 140
	Spiked Blank DUP	C13-22'6'-TriCB-(19)	2016/02/18		55	%	30 - 140
	Spiked Blank	C13-22'-DiCB-(4)	2016/02/18		52	%	30 - 140
	Spiked Blank DUP	C13-22'-DiCB-(4)	2016/02/18		51	%	30 - 140
	Spiked Blank	C13-233'44'55'6'-OctaCB-(205)	2016/02/18		89	%	30 - 140
	Spiked Blank DUP	C13-233'44'55'6'-OctaCB-(205)	2016/02/18		88	%	30 - 140
	Spiked Blank	C13-233'44'55'-HeptaCB-(189)	2016/02/18		100	%	30 - 140
	Spiked Blank DUP	C13-233'44'55'-HeptaCB-(189)	2016/02/18		90	%	30 - 140
	Spiked Blank	C13-233'44'-PentaCB-(105)	2016/02/18		91	%	30 - 140
	Spiked Blank DUP	C13-233'44'-PentaCB-(105)	2016/02/18		94	%	30 - 140
	Spiked Blank	C13-233'55'-PentaCB-(111)	2016/02/18		101	%	40 - 125
	Spiked Blank DUP	C13-233'55'-PentaCB-(111)	2016/02/18		98	%	40 - 125
	Spiked Blank	C13-23'44'55'-HexaCB-(167)	2016/02/18		88	%	30 - 140
	Spiked Blank DUP	C13-23'44'55'-HexaCB-(167)	2016/02/18		88	%	30 - 140
	Spiked Blank	C13-2344'5'-PentaCB-(114)	2016/02/18		90	%	30 - 140
	Spiked Blank DUP	C13-2344'5'-PentaCB-(114)	2016/02/18		92	%	30 - 140
	Spiked Blank	C13-23'44'5'-PentaCB-(118)	2016/02/18		90	%	30 - 140
	Spiked Blank DUP	C13-23'44'5'-PentaCB-(118)	2016/02/18		93	%	30 - 140
	Spiked Blank	C13-2'344'5'-PentaCB-(123)	2016/02/18		90	%	30 - 140
	Spiked Blank DUP	C13-2'344'5'-PentaCB-(123)	2016/02/18		92	%	30 - 140
	Spiked Blank	C13-2-MonoCB-(1)	2016/02/18		70	%	15 - 140
	Spiked Blank DUP	C13-2-MonoCB-(1)	2016/02/18		71	%	15 - 140
	Spiked Blank	C13-33'44'55'-HexaCB-(169)	2016/02/18		59	%	30 - 140
	Spiked Blank DUP	C13-33'44'55'-HexaCB-(169)	2016/02/18		66	%	30 - 140
	Spiked Blank	C13-33'44'5'-PentaCB-(126)	2016/02/18		91	%	30 - 140

Anchor QEA, LLC
Attention: Anchor QEA Reporting Group
Client Project #: ATSO
P.O. #:
Site Location: PORT GAMBLE CLEAN-UP

Quality Assurance Report (Continued)
Maxxam Job Number: GB612062

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	Spiked Blank DUP	C13-33'44'5-PentaCB-(126)	2016/02/18		96	%	30 - 140
	Spiked Blank	C13-33'44'-TetraCB-(77)	2016/02/18		91	%	30 - 140
	Spiked Blank DUP	C13-33'44'-TetraCB-(77)	2016/02/18		96	%	30 - 140
	Spiked Blank	C13-344'5-TetraCB-(81)	2016/02/18		93	%	30 - 140
	Spiked Blank DUP	C13-344'5-TetraCB-(81)	2016/02/18		96	%	30 - 140
	Spiked Blank	C13-344'-TriCB-(37)	2016/02/18		96	%	30 - 140
	Spiked Blank DUP	C13-344'-TriCB-(37)	2016/02/18		98	%	30 - 140
	Spiked Blank	C13-44'-DiCB-(15)	2016/02/18		80	%	30 - 140
	Spiked Blank DUP	C13-44'-DiCB-(15)	2016/02/18		79	%	30 - 140
	Spiked Blank	C13-4-MonoCB-(3)	2016/02/18		66	%	15 - 140
	Spiked Blank DUP	C13-4-MonoCB-(3)	2016/02/18		67	%	15 - 140
	Spiked Blank	C13-DecaCB-(209)	2016/02/18		102	%	30 - 140
	Spiked Blank DUP	C13-DecaCB-(209)	2016/02/18		89	%	30 - 140
	Spiked Blank	C13-HexaCB-(156)+(157)	2016/02/18		89	%	30 - 140
	Spiked Blank DUP	C13-HexaCB-(156)+(157)	2016/02/18		93	%	30 - 140
	Spiked Blank	2-MonoCB-(1)	2016/02/18		102	%	50 - 150
	Spiked Blank DUP	2-MonoCB-(1)	2016/02/18		103	%	50 - 150
	RPD	2-MonoCB-(1)	2016/02/18	0.98		%	30
	Spiked Blank	4-MonoCB-(3)	2016/02/18		101	%	50 - 150
	Spiked Blank DUP	4-MonoCB-(3)	2016/02/18		105	%	50 - 150
	RPD	4-MonoCB-(3)	2016/02/18	3.9		%	30
	Spiked Blank	22'-DiCB-(4)	2016/02/18		112	%	50 - 150
	Spiked Blank DUP	22'-DiCB-(4)	2016/02/18		111	%	50 - 150
	RPD	22'-DiCB-(4)	2016/02/18	0.90		%	30
	Spiked Blank	4,4'-DiCB-(15)	2016/02/18		107	%	50 - 150
	Spiked Blank DUP	4,4'-DiCB-(15)	2016/02/18		107	%	50 - 150
	RPD	4,4'-DiCB-(15)	2016/02/18	0		%	30
	Spiked Blank	22'6-TriCB-(19)	2016/02/18		105	%	50 - 150
	Spiked Blank DUP	22'6-TriCB-(19)	2016/02/18		109	%	50 - 150
	RPD	22'6-TriCB-(19)	2016/02/18	3.7		%	30
	Spiked Blank	235-TriCB-(23)	2016/02/18		128	%	50 - 150
	Spiked Blank DUP	235-TriCB-(23)	2016/02/18		119	%	50 - 150
	RPD	235-TriCB-(23)	2016/02/18	7.3		%	30
	Spiked Blank	23'5'-TriCB-(34)	2016/02/18		93	%	50 - 150
	Spiked Blank DUP	23'5'-TriCB-(34)	2016/02/18		103	%	50 - 150
	RPD	23'5'-TriCB-(34)	2016/02/18	10		%	30
	Spiked Blank	344'-TriCB-(37)	2016/02/18		99	%	50 - 150
	Spiked Blank DUP	344'-TriCB-(37)	2016/02/18		103	%	50 - 150
	RPD	344'-TriCB-(37)	2016/02/18	4.0		%	30
	Spiked Blank	22'66'-TetraCB-(54)	2016/02/18		100	%	50 - 150
	Spiked Blank DUP	22'66'-TetraCB-(54)	2016/02/18		105	%	50 - 150
	RPD	22'66'-TetraCB-(54)	2016/02/18	4.9		%	30
	Spiked Blank	33'44'-TetraCB-(77)	2016/02/18		99	%	50 - 150
Spiked Blank DUP	33'44'-TetraCB-(77)	2016/02/18		98	%	50 - 150	
RPD	33'44'-TetraCB-(77)	2016/02/18	1.0		%	30	
Spiked Blank	344'5-TetraCB-(81)	2016/02/18		101	%	50 - 150	
Spiked Blank DUP	344'5-TetraCB-(81)	2016/02/18		102	%	50 - 150	
RPD	344'5-TetraCB-(81)	2016/02/18	0.99		%	30	
Spiked Blank	22'466'-PentaCB-(104)	2016/02/18		103	%	50 - 150	
Spiked Blank DUP	22'466'-PentaCB-(104)	2016/02/18		101	%	50 - 150	
RPD	22'466'-PentaCB-(104)	2016/02/18	2.0		%	30	
Spiked Blank	233'44'-PentaCB-(105)	2016/02/18		101	%	50 - 150	
Spiked Blank DUP	233'44'-PentaCB-(105)	2016/02/18		101	%	50 - 150	
RPD	233'44'-PentaCB-(105)	2016/02/18	0		%	30	
Spiked Blank	2344'5-PentaCB-(114)	2016/02/18		98	%	50 - 150	

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4386412 CXU	Spiked Blank DUP	2344'5-PentaCB-(114)	2016/02/18		100	%	50 - 150
	RPD	2344'5-PentaCB-(114)	2016/02/18	2.0		%	30
	Spiked Blank	2344'5-PentaCB-(118)	2016/02/18		107	%	50 - 150
	Spiked Blank DUP	2344'5-PentaCB-(118)	2016/02/18		107	%	50 - 150
	RPD	2344'5-PentaCB-(118)	2016/02/18	0		%	30
	Spiked Blank	2344'5'-PentaCB-(123)	2016/02/18		100	%	50 - 150
	Spiked Blank DUP	2344'5'-PentaCB-(123)	2016/02/18		100	%	50 - 150
	RPD	2344'5'-PentaCB-(123)	2016/02/18	0		%	30
	Spiked Blank	33'44'5-PentaCB-(126)	2016/02/18		99	%	50 - 150
	Spiked Blank DUP	33'44'5-PentaCB-(126)	2016/02/18		98	%	50 - 150
	RPD	33'44'5-PentaCB-(126)	2016/02/18	1.0		%	30
	Spiked Blank	22'44'66'-HexaCB-(155)	2016/02/18		104	%	50 - 150
	Spiked Blank DUP	22'44'66'-HexaCB-(155)	2016/02/18		105	%	50 - 150
	RPD	22'44'66'-HexaCB-(155)	2016/02/18	0.96		%	30
	Spiked Blank	HexaCB-(156)+(157)	2016/02/18		101	%	50 - 150
	Spiked Blank DUP	HexaCB-(156)+(157)	2016/02/18		101	%	50 - 150
	RPD	HexaCB-(156)+(157)	2016/02/18	0		%	30
	Spiked Blank	23'44'55'-HexaCB-(167)	2016/02/18		99	%	50 - 150
	Spiked Blank DUP	23'44'55'-HexaCB-(167)	2016/02/18		101	%	50 - 150
	RPD	23'44'55'-HexaCB-(167)	2016/02/18	2.0		%	30
	Spiked Blank	33'44'55'-HexaCB-(169)	2016/02/18		103	%	50 - 150
	Spiked Blank DUP	33'44'55'-HexaCB-(169)	2016/02/18		100	%	50 - 150
	RPD	33'44'55'-HexaCB-(169)	2016/02/18	3.0		%	30
	Spiked Blank	22'33'44'5-HeptaCB-(170)	2016/02/18		98	%	50 - 150
	Spiked Blank DUP	22'33'44'5-HeptaCB-(170)	2016/02/18		104	%	50 - 150
	RPD	22'33'44'5-HeptaCB-(170)	2016/02/18	5.9		%	30
	Spiked Blank	HeptaCB-(180)+(193)	2016/02/18		86	%	50 - 150
	Spiked Blank DUP	HeptaCB-(180)+(193)	2016/02/18		85	%	50 - 150
	RPD	HeptaCB-(180)+(193)	2016/02/18	1.2		%	30
	Spiked Blank	22'344'56'-HeptaCB-(182)	2016/02/18		88	%	50 - 150
	Spiked Blank DUP	22'344'56'-HeptaCB-(182)	2016/02/18		86	%	50 - 150
	RPD	22'344'56'-HeptaCB-(182)	2016/02/18	2.3		%	30
	Spiked Blank	22'34'55'6-HeptaCB-(187)	2016/02/18		95	%	50 - 150
	Spiked Blank DUP	22'34'55'6-HeptaCB-(187)	2016/02/18		93	%	50 - 150
	RPD	22'34'55'6-HeptaCB-(187)	2016/02/18	2.1		%	30
	Spiked Blank	22'34'566'-HeptaCB-(188)	2016/02/18		99	%	50 - 150
	Spiked Blank DUP	22'34'566'-HeptaCB-(188)	2016/02/18		103	%	50 - 150
	RPD	22'34'566'-HeptaCB-(188)	2016/02/18	4.0		%	30
	Spiked Blank	233'44'55'-HeptaCB-(189)	2016/02/18		94	%	50 - 150
	Spiked Blank DUP	233'44'55'-HeptaCB-(189)	2016/02/18		96	%	50 - 150
	RPD	233'44'55'-HeptaCB-(189)	2016/02/18	2.1		%	30
	Spiked Blank	22'33'55'66'-OctaCB-(202)	2016/02/18		101	%	50 - 150
	Spiked Blank DUP	22'33'55'66'-OctaCB-(202)	2016/02/18		102	%	50 - 150
	RPD	22'33'55'66'-OctaCB-(202)	2016/02/18	0.99		%	30
	Spiked Blank	233'44'55'6-OctaCB-(205)	2016/02/18		97	%	50 - 150
	Spiked Blank DUP	233'44'55'6-OctaCB-(205)	2016/02/18		96	%	50 - 150
	RPD	233'44'55'6-OctaCB-(205)	2016/02/18	1.0		%	30
	Spiked Blank	22'33'44'55'6-NonaCB-(206)	2016/02/18		96	%	50 - 150
	Spiked Blank DUP	22'33'44'55'6-NonaCB-(206)	2016/02/18		100	%	50 - 150
	RPD	22'33'44'55'6-NonaCB-(206)	2016/02/18	4.1		%	30
Spiked Blank	22'33'455'66'-NonaCB-(208)	2016/02/18		102	%	50 - 150	
Spiked Blank DUP	22'33'455'66'-NonaCB-(208)	2016/02/18		98	%	50 - 150	
RPD	22'33'455'66'-NonaCB-(208)	2016/02/18	4.0		%	30	
Spiked Blank	DecaCB-(209)	2016/02/18		154 Q	%	50 - 150	
Spiked Blank DUP	DecaCB-(209)	2016/02/18		153 Q	%	50 - 150	

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4386412 CXU	RPD	DecaCB-(209)	2016/02/18	0.65		%	30
	Method Blank	C13-2,44'-TriCB-(28)	2016/02/18		110	%	40 - 125
		C13-22'33'44'55'6'-NonaCB-(206)	2016/02/18		85	%	30 - 140
		C13-22'33'44'5'-HeptaCB-(170)	2016/02/18		76	%	30 - 140
		C13-22'33'45'5'6'-NonaCB-(208)	2016/02/18		76	%	30 - 140
		C13-22'33'55'6'-OctaCB-(202)	2016/02/18		66	%	30 - 140
		C13-22'33'55'6'-HeptaCB-(178)	2016/02/18		91	%	40 - 125
		C13-22'344'55'-HeptaCB-(180)	2016/02/18		75	%	30 - 140
		C13-22'34'566'-HeptaCB-(188)	2016/02/18		75	%	30 - 140
		C13-22'44'66'-HexaCB-(155)	2016/02/18		67	%	30 - 140
		C13-22'466'-PentaCB-(104)	2016/02/18		74	%	30 - 140
		C13-22'66'-TetraCB-(54)	2016/02/18		55	%	30 - 140
		C13-22'6'-TriCB-(19)	2016/02/18		52	%	30 - 140
		C13-22'-DiCB-(4)	2016/02/18		45	%	30 - 140
		C13-233'44'55'6'-OctaCB-(205)	2016/02/18		88	%	30 - 140
		C13-233'44'55'-HeptaCB-(189)	2016/02/18		93	%	30 - 140
		C13-233'44'-PentaCB-(105)	2016/02/18		97	%	30 - 140
		C13-233'55'-PentaCB-(111)	2016/02/18		97	%	40 - 125
		C13-23'44'55'-HexaCB-(167)	2016/02/18		89	%	30 - 140
		C13-2344'5'-PentaCB-(114)	2016/02/18		95	%	30 - 140
		C13-23'44'5'-PentaCB-(118)	2016/02/18		96	%	30 - 140
		C13-2'344'5'-PentaCB-(123)	2016/02/18		96	%	30 - 140
		C13-2-MonoCB-(1)	2016/02/18		62	%	15 - 140
		C13-33'44'55'-HexaCB-(169)	2016/02/18		68	%	30 - 140
		C13-33'44'5'-PentaCB-(126)	2016/02/18		96	%	30 - 140
		C13-33'44'-TetraCB-(77)	2016/02/18		97	%	30 - 140
		C13-344'5'-TetraCB-(81)	2016/02/18		97	%	30 - 140
		C13-344'-TriCB-(37)	2016/02/18		99	%	30 - 140
		C13-44'-DiCB-(15)	2016/02/18		77	%	30 - 140
		C13-4-MonoCB-(3)	2016/02/18		57	%	15 - 140
		C13-DecaCB-(209)	2016/02/18		89	%	30 - 140
		C13-HexaCB-(156)+(157)	2016/02/18		93	%	30 - 140
		2-MonoCB-(1)	2016/02/18	0.00061 U, EDL=0.00061		ng/g	
		3-MonoCB-(2)	2016/02/18	0.00055 U, EDL=0.00055		ng/g	
		4-MonoCB-(3)	2016/02/18	0.00061 U, EDL=0.00061		ng/g	
		22'-DiCB-(4)	2016/02/18	0.0021 U, EDL=0.0021		ng/g	
		2,3-DiCB-(5)	2016/02/18	0.0027 U, EDL=0.0027		ng/g	
		2,3'-DiCB-(6)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		2,4-DiCB-(7)	2016/02/18	0.0023 U, EDL=0.0023		ng/g	
		2,4'-DiCB-(8)	2016/02/18	0.0023 U, EDL=0.0023 (1)		ng/g	
		2,5-DiCB-(9)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		2,6-DiCB-(10)	2016/02/18	0.0016 U, EDL=0.0016		ng/g	
		3,3'-DiCB-(11)	2016/02/18	0.0092 JB, EDL=0.0021		ng/g	
		DiCB-(12)+(13)	2016/02/18	0.0022 U, EDL=0.0022		ng/g	
		3,5-DiCB-(14)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		4,4'-DiCB-(15)	2016/02/18	0.0030 U, EDL=0.0030		ng/g	
		22'3'-TriCB-(16)	2016/02/18	0.0039 U, EDL=0.0039		ng/g	
		22'4'-TriCB-(17)	2016/02/18	0.0029 U, EDL=0.0029		ng/g	
		TriCB-(18)+(30)	2016/02/18	0.0024 U, EDL=0.0024		ng/g	
		22'6'-TriCB-(19)	2016/02/18	0.0022 U, EDL=0.0022		ng/g	
		TriCB-(20) + (28)	2016/02/18	0.00436 J, EDL=0.00052		ng/g	
		TriCB-(21)+(33)	2016/02/18	0.00231 J, EDL=0.00050		ng/g	
		234'-TriCB-(22)	2016/02/18	0.00161 J, EDL=0.00055		ng/g	
		235-TriCB-(23)	2016/02/18	0.00060 U, EDL=0.00060		ng/g	
		236-TriCB-(24)	2016/02/18	0.0023 U, EDL=0.0023		ng/g	

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4386412 CXU	Method Blank	23'4'-TriCB-(25)	2016/02/18	0.00047 U, EDL=0.00047		ng/g	
		TriCB-(26)+(29)	2016/02/18	0.00069 J, EDL=0.00051		ng/g	
		23'6'-TriCB-(27)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		24'5'-TriCB-(31)	2016/02/18	0.00340 J, EDL=0.00047		ng/g	
		24'6'-TriCB-(32)	2016/02/18	0.0018 U, EDL=0.0018		ng/g	
		23'5'-TriCB-(34)	2016/02/18	0.00050 U, EDL=0.00050		ng/g	
		33'4'-TriCB-(35)	2016/02/18	0.00039 U, EDL=0.00039		ng/g	
		33'5'-TriCB-(36)	2016/02/18	0.00040 U, EDL=0.00040		ng/g	
		344'-TriCB-(37)	2016/02/18	0.00143 J, EDL=0.00069		ng/g	
		345'-TriCB-(38)	2016/02/18	0.00043 U, EDL=0.00043		ng/g	
		34'5'-TriCB-(39)	2016/02/18	0.00047 U, EDL=0.00047		ng/g	
		TetraCB-(40)+(41)+(71)	2016/02/18	0.0018 U, EDL=0.0018		ng/g	
		22'34'-TetraCB-(42)	2016/02/18	0.0019 U, EDL=0.0019		ng/g	
		22'35'-TetraCB-(43)	2016/02/18	0.0025 U, EDL=0.0025		ng/g	
		TetraCB-(44)+(47)+(65)	2016/02/18	0.0039 U, EDL=0.0039 (1)		ng/g	
		TetraCB-(45)+(51)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		22'36'-TetraCB-(46)	2016/02/18	0.0023 U, EDL=0.0023		ng/g	
		22'45'-TetraCB-(48)	2016/02/18	0.0019 U, EDL=0.0019		ng/g	
		TetraCB-(49)+TetraCB-(69)	2016/02/18	0.0016 J, EDL=0.0015		ng/g	
		TetraCB-(50)+(53)	2016/02/18	0.0020 U, EDL=0.0020		ng/g	
		22'55'-TetraCB-(52)	2016/02/18	0.0020 J, EDL=0.0016		ng/g	
		22'66'-TetraCB-(54)	2016/02/18	0.00016 U, EDL=0.00016		ng/g	
		233'4'-TetraCB-(55)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		233'4'-Tetra CB(56)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		233'5'-TetraCB-(57)	2016/02/18	0.00090 U, EDL=0.00090		ng/g	
		233'5'-TetraCB-(58)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		TetraCB-(59)+(62)+(75)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		2344'-TetraCB -(60)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		TetraCB-(61)+(70)+(74)+(76)	2016/02/18	0.00519 J, EDL=0.00099		ng/g	
		234'5'-TetraCB-(63)	2016/02/18	0.00088 U, EDL=0.00088		ng/g	
		234'6'-TetraCB-(64)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		23'44'-TetraCB-(66)	2016/02/18	0.00281 J, EDL=0.00089		ng/g	
		23'45'-TetraCB-(67)	2016/02/18	0.00082 U, EDL=0.00082		ng/g	
		23'45'-TetraCB-(68)	2016/02/18	0.00090 U, EDL=0.00090		ng/g	
		23'55'-TetraCB-(72)	2016/02/18	0.00084 U, EDL=0.00084		ng/g	
		23'5'6'-TetraCB-(73)	2016/02/18	0.0016 U, EDL=0.0016		ng/g	
		33'44'-TetraCB-(77)	2016/02/18	0.0010 U, EDL=0.0010		ng/g	
		33'45'-TetraCB-(78)	2016/02/18	0.00085 U, EDL=0.00085		ng/g	
		33'45'-TetraCB(79)	2016/02/18	0.00075 U, EDL=0.00075		ng/g	
		33'55'-TetraCB-(80)	2016/02/18	0.00090 U, EDL=0.00090		ng/g	
		344'5'-TetraCB-(81)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'33'4'-PentaCB-(82)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		PentaCB-(83)+(99)	2016/02/18	0.0048 J, EDL=0.0010		ng/g	
		22'33'6'-PentaCB-(84)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		PentaCB-(85)+(116)+(117)	2016/02/18	0.00113 J, EDL=0.00079		ng/g	
		PentaCB-(86)(87)(97)(109)(119)(125)	2016/02/18	0.00196 J, EDL=0.00087		ng/g	
		PentaCB-(88)+(91)	2016/02/18	0.0010 U, EDL=0.0010		ng/g	
		22'346'-PentaCB-(89)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		PentaCB-(90)+(101)+(113)	2016/02/18	0.00586 J, EDL=0.00089		ng/g	
		22'355'-PentaCB-(92)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		PentaCB-(93)+(98)+(100)+(102)	2016/02/18	0.0010 U, EDL=0.0010		ng/g	
		22'356'-PentaCB-(94)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		22'35'6'-PentaCB-(95)	2016/02/18	0.00092 U, EDL=0.00092		ng/g	
		22'366'-PentaCB-(96)	2016/02/18	0.00018 U, EDL=0.00018		ng/g	
		22'45'6'-PentaCB-(103)	2016/02/18	0.00085 U, EDL=0.00085		ng/g	

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4386412 CXU	Method Blank	22'466'-PentaCB-(104)	2016/02/18	0.00015 U, EDL=0.00015		ng/g	
		233'44'-PentaCB-(105)	2016/02/18	0.00227 J, EDL=0.00062		ng/g	
		233'45'-PentaCB-(106)	2016/02/18	0.00050 U, EDL=0.00050		ng/g	
		233'4'5'-PentaCB-(107)	2016/02/18	0.00098 J, EDL=0.00053		ng/g	
		PentaCB-(108)+(124)	2016/02/18	0.00054 U, EDL=0.00054		ng/g	
		PentaCB-(110)+(115)	2016/02/18	0.00336 J, EDL=0.00084		ng/g	
		233'55'-PentaCB-(111)	2016/02/18	0.00078 U, EDL=0.00078		ng/g	
		233'56'-PentaCB-(112)	2016/02/18	0.00077 U, EDL=0.00077		ng/g	
		2344'5'-PentaCB-(114)	2016/02/18	0.00060 U, EDL=0.00060		ng/g	
		23'44'5'-PentaCB-(118)	2016/02/18	0.00707 JB, EDL=0.00062		ng/g	
		23'455'-PentaCB-(120)	2016/02/18	0.00066 U, EDL=0.00066		ng/g	
		23'45'6'-PentaCB-(121)	2016/02/18	0.00083 U, EDL=0.00083		ng/g	
		233'4'5'-PentaCB-(122)	2016/02/18	0.00056 U, EDL=0.00056		ng/g	
		23'44'5'-PentaCB-(123)	2016/02/18	0.00068 U, EDL=0.00068		ng/g	
		33'44'5'-PentaCB-(126)	2016/02/18	0.00062 U, EDL=0.00062		ng/g	
		33'455'-PentaCB-(127)	2016/02/18	0.00049 U, EDL=0.00049		ng/g	
		HexaCB-(128)+(166)	2016/02/18	0.00099 U, EDL=0.00099		ng/g	
		HexaCB-(129)+(138)+(163)	2016/02/18	0.0113 J, EDL=0.0011		ng/g	
		22'33'45'-HexaCB-(130)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		22'33'46'-HexaCB-(131)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'33'46'-HexaCB-(132)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'33'55'-HexaCB-(133)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		HexaCB-(134)+(143)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		HexaCB-(135)+(151)	2016/02/18	0.0027 U, EDL=0.0027		ng/g	
		22'33'66'-HexaCB-(136)	2016/02/18	0.0019 U, EDL=0.0019		ng/g	
		22'344'5'-HexaCB-(137)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		HexaCB-(139)+(140)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'3455'-HexaCB-(141)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'3456'-HexaCB-(142)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		22'345'6'-HexaCB-(144)	2016/02/18	0.0025 U, EDL=0.0025		ng/g	
		22'3466'-HexaCB-(145)	2016/02/18	0.0021 U, EDL=0.0021		ng/g	
		22'34'55'-HexaCB-(146)	2016/02/18	0.0031 J, EDL=0.0011		ng/g	
		HexaCB-(147)+(149)	2016/02/18	0.0026 J, EDL=0.0012		ng/g	
		22'34'56'-HexaCB-(148)	2016/02/18	0.0026 U, EDL=0.0026		ng/g	
		22'34'66'-HexaCB-(150)	2016/02/18	0.0022 U, EDL=0.0022		ng/g	
		22'3566'-HexaCB-(152)	2016/02/18	0.0017 U, EDL=0.0017		ng/g	
		HexaCB-(153)+(168)	2016/02/18	0.010 U, EDL=0.010 (1)		ng/g	
		22'44'56'-HexaCB-(154)	2016/02/18	0.0023 U, EDL=0.0023		ng/g	
		22'44'66'-HexaCB-(155)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		HexaCB-(156)+(157)	2016/02/18	0.00125 J, EDL=0.00048		ng/g	
		233'44'6'-HexaCB-(158)	2016/02/18	0.00077 U, EDL=0.00077		ng/g	
		233'455'-HexaCB-(159)	2016/02/18	0.00041 U, EDL=0.00041		ng/g	
		233'456'-HexaCB-(160)	2016/02/18	0.00094 U, EDL=0.00094		ng/g	
		233'45'6'-HexaCB-(161)	2016/02/18	0.00079 U, EDL=0.00079		ng/g	
		233'4'55'-HexaCB-(162)	2016/02/18	0.00044 U, EDL=0.00044		ng/g	
		233'4'5'6'-HexaCB-(164)	2016/02/18	0.00084 U, EDL=0.00084		ng/g	
		233'55'6'-HexaCB-(165)	2016/02/18	0.0010 U, EDL=0.0010		ng/g	
		23'44'55'-HexaCB-(167)	2016/02/18	0.00056 U, EDL=0.00056 (1)		ng/g	
		33'44'55'-HexaCB-(169)	2016/02/18	0.00051 U, EDL=0.00051		ng/g	
		22'33'44'5'-HeptaCB-(170)	2016/02/18	0.00096 U, EDL=0.00096		ng/g	
		HeptaCB-(171)+(173)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		22'33'455'-HeptaCB-(172)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		22'33'456'-HeptaCB-(174)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		22'33'45'6'-HeptaCB-(175)	2016/02/18	0.0015 U, EDL=0.0015		ng/g	
		22'33'466'-HeptaCB-(176)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	

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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	Method Blank	22'33'45'6'-HeptaCB-(177)	2016/02/18	0.0013 U, EDL=0.0013		ng/g	
		22'33'55'6'-HeptaCB-(178)	2016/02/18	0.0016 U, EDL=0.0016		ng/g	
		22'33'56'6'-HeptaCB-(179)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		HeptaCB-(180)+(193)	2016/02/18	0.00365 J, EDL=0.00088		ng/g	
		22'344'56'-HeptaCB-(181)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'344'56'-HeptaCB-(182)	2016/02/18	0.0015 U, EDL=0.0015		ng/g	
		22'344'5'6'-HeptaCB-(183)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'344'66'-HeptaCB-(184)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		22'3455'6'-HeptaCB-(185)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'34566'-HeptaCB-(186)	2016/02/18	0.0012 U, EDL=0.0012		ng/g	
		22'34'55'6'-HeptaCB-(187)	2016/02/18	0.0041 J, EDL=0.0016		ng/g	
		22'34'566'-HeptaCB-(188)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		233'44'55'-HeptaCB-(189)	2016/02/18	0.00048 U, EDL=0.00048		ng/g	
		233'44'56'-HeptaCB-(190)	2016/02/18	0.00091 U, EDL=0.00091		ng/g	
		233'44'5'6'-HeptaCB-(191)	2016/02/18	0.00090 U, EDL=0.00090		ng/g	
		233'455'6'-HeptaCB-(192)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'33'44'55'-OctaCB-(194)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'33'44'56'-OctaCB-(195)	2016/02/18	0.0015 U, EDL=0.0015		ng/g	
		22'33'44'56'-OctaCB-(196)	2016/02/18	0.0024 U, EDL=0.0024		ng/g	
		22'33'44'66'-OctaCB-(197)	2016/02/18	0.0019 U, EDL=0.0019		ng/g	
		OctaCB-(198)+(199)	2016/02/18	0.0025 U, EDL=0.0025		ng/g	
		22'33'4566'-OctaCB-(200)	2016/02/18	0.0016 U, EDL=0.0016		ng/g	
		22'33'45'66'-OctaCB-(201)	2016/02/18	0.0017 U, EDL=0.0017		ng/g	
		22'33'55'66'-OctaCB-(202)	2016/02/18	0.0017 U, EDL=0.0017		ng/g	
		22'344'55'6'-OctaCB-(203)	2016/02/18	0.0025 U, EDL=0.0025		ng/g	
		22'344'566'-OctaCB-(204)	2016/02/18	0.0017 U, EDL=0.0017		ng/g	
		233'44'55'6'-OctaCB-(205)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'33'44'55'6'-NonaCB-(206)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		22'33'44'566'-NonaCB-(207)	2016/02/18	0.0011 U, EDL=0.0011		ng/g	
		22'33'455'66'-NonaCB-(208)	2016/02/18	0.0014 U, EDL=0.0014		ng/g	
		DecaCB-(209)	2016/02/18	0.0581 B, EDL=0.00038		ng/g	
		Total PCB	2016/02/18	0.146		ng/g	
	RPD - Sample/Sample Dup	2-MonoCB-(1)	2016/02/18	NC		%	30
		3-MonoCB-(2)	2016/02/18	NC		%	30
		4-MonoCB-(3)	2016/02/18	NC		%	30
		22'-DiCB-(4)	2016/02/18	NC		%	30
		2,3'-DiCB-(5)	2016/02/18	NC		%	30
		2,3'-DiCB-(6)	2016/02/18	NC		%	30
		2,4'-DiCB-(7)	2016/02/18	NC		%	30
		2,4'-DiCB-(8)	2016/02/18	NC		%	30
		2,5'-DiCB-(9)	2016/02/18	NC		%	30
		2,6'-DiCB-(10)	2016/02/18	NC		%	30
		3,3'-DiCB-(11)	2016/02/18	NC		%	30
		DiCB-(12)+(13)	2016/02/18	NC		%	30
		3,5'-DiCB-(14)	2016/02/18	NC		%	30
		4,4'-DiCB-(15)	2016/02/18	NC		%	30
		22'3'-TriCB-(16)	2016/02/18	NC		%	30
		22'4'-TriCB-(17)	2016/02/18	NC		%	30
		TriCB-(18)+(30)	2016/02/18	NC		%	30
		22'6'-TriCB-(19)	2016/02/18	NC		%	30
		TriCB-(20) + (28)	2016/02/18	3.7		%	30
		TriCB-(21)+(33)	2016/02/18	NC		%	30
		234'-TriCB-(22)	2016/02/18	1.5		%	30

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QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	RPD - Sample/Sample Dup	235-TriCB-(23)	2016/02/18	NC		%	30
		236-TriCB-(24)	2016/02/18	NC		%	30
		23'4-TriCB-(25)	2016/02/18	NC		%	30
		TriCB-(26)+(29)	2016/02/18	NC		%	30
		23'6-TriCB-(27)	2016/02/18	NC		%	30
		24'5-TriCB-(31)	2016/02/18	1.5		%	30
		24'6-TriCB-(32)	2016/02/18	NC		%	30
		23'5-TriCB-(34)	2016/02/18	NC		%	30
		33'4-TriCB-(35)	2016/02/18	NC		%	30
		33'5-TriCB-(36)	2016/02/18	NC		%	30
		344-TriCB-(37)	2016/02/18	NC		%	30
		345-TriCB-(38)	2016/02/18	NC		%	30
		34'5-TriCB-(39)	2016/02/18	NC		%	30
		TetraCB-(40)+(41)+(71)	2016/02/18	NC		%	30
		22'34-TetraCB-(42)	2016/02/18	1.8		%	30
		22'35-TetraCB-(43)	2016/02/18	NC		%	30
		TetraCB-(44)+(47)+(65)	2016/02/18	0.67		%	30
		TetraCB-(45)+(51)	2016/02/18	NC		%	30
		22'36-TetraCB-(46)	2016/02/18	NC		%	30
		22'45-TetraCB-(48)	2016/02/18	0.33		%	30
		TetraCB-(49)+TetraCB-(69)	2016/02/18	2.4		%	30
		TetraCB-(50)+(53)	2016/02/18	NC		%	30
		22'55-TetraCB-(52)	2016/02/18	0.40		%	30
		22'66-TetraCB-(54)	2016/02/18	NC		%	30
		233'4-TetraCB-(55)	2016/02/18	NC		%	30
		233'4-Tetra CB(56)	2016/02/18	NC		%	30
		233'5-TetraCB-(57)	2016/02/18	NC		%	30
		233'5-TetraCB-(58)	2016/02/18	NC		%	30
		TetraCB-(59)+(62)+(75)	2016/02/18	NC		%	30
		2344-TetraCB -(60)	2016/02/18	NC		%	30
		TetraCB-(61)+(70)+(74)+(76)	2016/02/18	NC		%	30
		234'5-TetraCB-(63)	2016/02/18	NC		%	30
		234'6-TetraCB-(64)	2016/02/18	1.3		%	30
		23'44-TetraCB-(66)	2016/02/18	NC		%	30
		23'45-TetraCB-(67)	2016/02/18	NC		%	30
		23'45-TetraCB-(68)	2016/02/18	NC		%	30
		23'55-TetraCB-(72)	2016/02/18	NC		%	30
		23'5'6-TetraCB-(73)	2016/02/18	NC		%	30
		33'44-TetraCB-(77)	2016/02/18	NC		%	30
		33'45-TetraCB-(78)	2016/02/18	NC		%	30
		33'45-TetraCB(79)	2016/02/18	NC		%	30
		33'55-TetraCB-(80)	2016/02/18	NC		%	30
		344'5-TetraCB-(81)	2016/02/18	NC		%	30
		22'33'4-PentaCB-(82)	2016/02/18	NC		%	30
		PentaCB-(83)+(99)	2016/02/18	NC		%	30
		22'33'6-PentaCB-(84)	2016/02/18	NC		%	30
		PentaCB-(85)+(116)+(117)	2016/02/18	NC		%	30
		PentaCB-(86)(87)(97)(109)(119)(125)	2016/02/18	NC		%	30
		PentaCB-(88)+(91)	2016/02/18	NC		%	30
		22'346-PentaCB-(89)	2016/02/18	NC		%	30
		PentaCB-(90)+(101)+(113)	2016/02/18	NC		%	30
		22'355-PentaCB-(92)	2016/02/18	NC		%	30
		PentaCB-(93)+(98)+(100)+(102)	2016/02/18	NC		%	30

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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	RPD - Sample/Sample Dup						
		22'356'-PentaCB-(94)	2016/02/18	NC		%	30
		22'356'-PentaCB-(95)	2016/02/18	1.6		%	30
		22'366'-PentaCB-(96)	2016/02/18	NC (1)		%	30
		22'456'-PentaCB-(103)	2016/02/18	NC		%	30
		22'466'-PentaCB-(104)	2016/02/18	NC		%	30
		233'44'-PentaCB-(105)	2016/02/18	NC		%	30
		233'45'-PentaCB-(106)	2016/02/18	NC		%	30
		233'45'-PentaCB-(107)	2016/02/18	NC		%	30
		PentaCB-(108)+(124)	2016/02/18	NC		%	30
		PentaCB-(110)+(115)	2016/02/18	NC		%	30
		233'55'-PentaCB-(111)	2016/02/18	NC		%	30
		233'56'-PentaCB-(112)	2016/02/18	NC		%	30
		2344'5'-PentaCB-(114)	2016/02/18	NC		%	30
		23'44'5'-PentaCB-(118)	2016/02/18	3.9		%	30
		23'455'-PentaCB-(120)	2016/02/18	NC		%	30
		23'45'6'-PentaCB-(121)	2016/02/18	NC		%	30
		233'45'-PentaCB-(122)	2016/02/18	NC		%	30
		23'44'5'-PentaCB-(123)	2016/02/18	NC		%	30
		33'44'5'-PentaCB-(126)	2016/02/18	NC		%	30
		33'455'-PentaCB-(127)	2016/02/18	NC		%	30
		HexaCB-(128)+(166)	2016/02/18	NC		%	30
		HexaCB-(129)+(138)+(163)	2016/02/18	1.9		%	30
		22'33'45'-HexaCB-(130)	2016/02/18	NC		%	30
		22'33'46'-HexaCB-(131)	2016/02/18	NC		%	30
		22'33'46'-HexaCB-(132)	2016/02/18	NC		%	30
		22'33'55'-HexaCB-(133)	2016/02/18	NC		%	30
		HexaCB-(134)+(143)	2016/02/18	NC		%	30
		HexaCB-(135)+(151)	2016/02/18	NC		%	30
		22'33'66'-HexaCB-(136)	2016/02/18	NC		%	30
		22'344'5'-HexaCB-(137)	2016/02/18	NC		%	30
		HexaCB-(139)+(140)	2016/02/18	NC		%	30
		22'3455'-HexaCB-(141)	2016/02/18	NC		%	30
		22'3456'-HexaCB-(142)	2016/02/18	NC		%	30
		22'345'6'-HexaCB-(144)	2016/02/18	NC		%	30
		22'3466'-HexaCB-(145)	2016/02/18	NC		%	30
		22'34'55'-HexaCB-(146)	2016/02/18	1.5		%	30
		HexaCB-(147)+(149)	2016/02/18	0.77		%	30
		22'34'56'-HexaCB-(148)	2016/02/18	NC		%	30
		22'34'66'-HexaCB-(150)	2016/02/18	NC		%	30
		22'3566'-HexaCB-(152)	2016/02/18	NC		%	30
		HexaCB-(153)+(168)	2016/02/18	1.2		%	30
		22'44'56'-HexaCB-(154)	2016/02/18	NC		%	30
		22'44'66'-HexaCB-(155)	2016/02/18	NC		%	30
		HexaCB-(156)+(157)	2016/02/18	NC		%	30
		233'44'6'-HexaCB-(158)	2016/02/18	NC		%	30
		233'455'-HexaCB-(159)	2016/02/18	NC		%	30
		233'456'-HexaCB-(160)	2016/02/18	NC		%	30
		233'45'6'-HexaCB-(161)	2016/02/18	NC		%	30
		233'4'55'-HexaCB-(162)	2016/02/18	NC		%	30
		233'4'5'6'-HexaCB-(164)	2016/02/18	NC		%	30
		233'55'6'-HexaCB-(165)	2016/02/18	NC		%	30
		23'44'55'-HexaCB-(167)	2016/02/18	NC		%	30
		33'44'55'-HexaCB-(169)	2016/02/18	NC		%	30

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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
4386412 CXU	RPD - Sample/Sample Dup	22'33'44'5-HeptaCB-(170)	2016/02/18	NC		%	30
		HeptaCB-(171)+(173)	2016/02/18	NC		%	30
		22'33'455'-HeptaCB-(172)	2016/02/18	NC		%	30
		22'33'456'-HeptaCB-(174)	2016/02/18	NC		%	30
		22'33'45'6-HeptaCB-(175)	2016/02/18	NC		%	30
		22'33'466'-HeptaCB-(176)	2016/02/18	NC		%	30
		22'33'45'6'-HeptaCB-(177)	2016/02/18	NC		%	30
		22'33'55'6-HeptaCB-(178)	2016/02/18	NC		%	30
		22'33'566'-HeptaCB-(179)	2016/02/18	NC		%	30
		HeptaCB-(180)+(193)	2016/02/18	0.85		%	30
		22'344'56-HeptaCB-(181)	2016/02/18	NC		%	30
		22'344'56'-HeptaCB-(182)	2016/02/18	NC		%	30
		22'344'5'6-HeptaCB-(183)	2016/02/18	0.69		%	30
		22'344'66'-HeptaCB-(184)	2016/02/18	NC		%	30
		22'3455'6-HeptaCB-(185)	2016/02/18	NC		%	30
		22'34566'-HeptaCB-(186)	2016/02/18	NC		%	30
		22'34'55'6-HeptaCB-(187)	2016/02/18	0.85		%	30
		22'34'566'-HeptaCB-(188)	2016/02/18	NC		%	30
		233'44'55'-HeptaCB-(189)	2016/02/18	NC		%	30
		233'44'56-HeptaCB-(190)	2016/02/18	NC		%	30
		233'44'5'6-HeptaCB-(191)	2016/02/18	NC		%	30
		233'455'6-HeptaCB-(192)	2016/02/18	NC		%	30
		22'33'44'55'-OctaCB-(194)	2016/02/18	NC (1)		%	30
		22'33'44'56'-OctaCB-(195)	2016/02/18	NC		%	30
		22'33'44'56'-OctaCB-(196)	2016/02/18	NC		%	30
		22'33'44'66'-OctaCB-(197)	2016/02/18	NC		%	30
		OctaCB-(198)+(199)	2016/02/18	NC		%	30
		22'33'4566'-OctaCB-(200)	2016/02/18	NC		%	30
		22'33'45'66'-OctaCB-(201)	2016/02/18	NC		%	30
		22'33'55'66'-OctaCB-(202)	2016/02/18	NC		%	30
		22'344'55'6'-OctaCB-(203)	2016/02/18	NC		%	30
		22'344'566'-OctaCB-(204)	2016/02/18	NC		%	30
		233'44'55'6'-OctaCB-(205)	2016/02/18	NC		%	30
		22'33'44'55'6'-NonaCB-(206)	2016/02/18	NC		%	30
		22'33'44'566'-NonaCB-(207)	2016/02/18	NC		%	30
		22'33'455'66'-NonaCB-(208)	2016/02/18	NC		%	30
		DecaCB-(209)	2016/02/18	NC		%	30
		Total PCB	2016/02/18	1.4		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

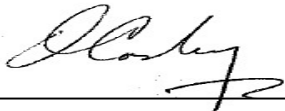
NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Validation Signature Page

Maxxam Job #: B612062

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Owen Cosby, BSc.C.Chem, Supervisor, HRMS Services

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



3.0 Sample Custody

Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

Laboratory: MAXXAM *40 FedEx Depot*
Lab Contact: MELISSA DI GRAZIA
Lab Address: 299 CAYUGA RD.
CHEEKTOWAGA, NY 14225
Phone: 905-817-5784
Fax:

ARI Client: Anchor QEA, LLC
Project ID: Port Gamble Clean-Up
ARI PM: Cheronne Oreiro
Phone: 206-695-6214
Fax: 206-695-6201
Email: subdata@arilabs.com

Analytical Protocol: In-house
Special Instructions:

Requested Turn Around:
Email Results (Y/N):

Limits of Liability. Subcontractor is expected to perform all requested services in accordance with appropriate methodology following Standard Operating Procedures that meet standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the negotiated amount for said services. The agreement by the Subcontractor to perform services requested by ARI releases ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Subcontractor.

ARI ID	Client ID/ Add'l ID	Sampled	Matrix	Bottles	Analyses
16-135-ATSOA	PG-SMA2-2-MUS-COC-1601001/04/16	01/04/16 14:00	Tissue	1	PCB CONBENERS
Special Instructions: None					
16-136-ATSOB	PG-PJ-1-MUS-COC-160104	01/04/16 09:00	Tissue	1	PCB CONGENERS
Special Instructions: None					
16-137-ATSOC	PG-WS-1-MUS-COC-160104	01/04/16 11:45	Tissue	1	PCB CONGENERS
Special Instructions: None					
16-138-ATSOB	PG-GP-1-MUS-COC-160104	01/04/16 10:10	Tissue	1	PCB CONGENERS
Special Instructions: None					
16-139-ATSOE	PG-SMA2-5-MUS-COC-1601001/04/16	01/04/16 16:00	Tissue	1	PCB CONGENERS
Special Instructions: None					
16-140-ATSOE	PG-SMA2-4-MUS-COC-1601001/05/16	01/05/16 09:40	Tissue	1	PCB CONGENERS
Special Instructions: None					

20-Jan-16 14:25

Hongmei Zhao (Grace)

- hold for pick-up @ FedEx



B612062

- send all data to Anchor QEA

RGN FZ-46

Carrier	<i>Fed-EX</i>	Airbill	<i>0201 7754 2031 9029</i>	Date	<i>1/14/2016</i>
Relinquished by	<i>[Signature]</i>	Company	<i>ARI</i>	Date	<i>1/14/16</i>
				Time	<i>12:48</i>
Received by	<i>[Signature]</i>	Company		Date	<i>2016/01/20</i>
				Time	<i>14:25</i>

Subcontractor Custody Form - ATSO

S.D.S.U.S.Y



Method 1668, Revision A: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Tissue and Air by HRGC/HRMS

Maxxam Analytics International
6740 Campobello Rd.
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com



4.0 Initial Calibration Data

Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

M2160211A - PCB

File Name	File Text	Sample ID	Job	Wt/Vol
M2160211AS001	CS1_PCB 150417CXU	---	---	1.000000
M2160211AS002	CS1_PCB 150417CXU	---	---	1.000000
M2160211AS003	CS2_PCB 150417CXU	---	---	1.000000
M2160211AS004	CS3_PCB 150417CXU	---	---	1.000000
M2160211AS005	CS4_PCB 150417CXU	---	---	1.000000
M2160211AS006	CS5_PCB 150417CXU	---	---	1.000000
M2160211AS007	SOLVENT	---	---	1.000000
M2160211AS008	CIL CS3 PCB PR-22535L	---	---	1.000000
M2160211AS009	209MIX_PCB 150822CXU	---	---	1.000000
M2160211AS010	SOLVENT	---	---	1.000000
M2160211AS011	BUH942-01R	MAXXAM XAD GLASS PROOF	---	1.000000
M2160211AS012	BUH943-01R	MAXXAM XAD RESIN PROOF	---	1.000000
M2160211AS013	CS3_PCB 150417CXU	---	---	1.000000

Epts Calibration

✓
α


EPA 1668 Initial Calibration

INSTRUMENT: Ultima 2

CALIBRATION DATE: 2016/02/11

M2160211AS002 M2160211AS003 M2160211AS004 M2160211AS005 M2160211AS006

	CS1	CS2	CS3	CS4	CS5			
	Relative Response Factors					Mean RRF	RRF SD	%RSD
Natives								
PCB 1	1.018	1.032	1.117	1.113	1.129	1.081845	0.053	4.9%
PCB 3	1.004	1.040	1.131	1.103	1.115	1.078646	0.054	5.0%
PCB 4	0.882	0.885	0.996	1.021	0.985	0.953944	0.066	6.9%
PCB 15	0.827	0.825	0.896	0.889	0.915	0.870529	0.042	4.8%
PCB 19	0.793	0.823	0.942	0.984	0.951	0.898659	0.085	9.5%
PCB 37	0.874	0.856	0.936	0.939	0.923	0.905510	0.038	4.2%
PCB 54	0.820	0.863	0.956	0.970	0.944	0.910564	0.066	7.2%
PCB 81	0.999	0.965	1.058	1.071	1.042	1.026963	0.044	4.3%
PCB 77	1.119	1.003	1.094	1.100	1.071	1.077246	0.045	4.2%
PCB 104	1.029	1.018	1.145	1.164	1.115	1.094350	0.067	6.1%
PCB 123	0.876	0.831	0.911	0.928	0.927	0.894465	0.041	4.6%
PCB 118	0.930	0.936	1.007	1.015	1.019	0.981486	0.044	4.5%
PCB 114	0.996	0.954	1.025	1.042	1.034	1.010266	0.036	3.6%
PCB 105	0.946	0.915	0.995	1.011	1.014	0.976519	0.044	4.5%
PCB 126	0.975	0.931	0.979	0.992	1.005	0.976612	0.028	2.9%
PCB 155	0.950	0.902	1.026	1.067	1.038	0.996585	0.068	6.8%
PCB 167	0.928	0.886	0.963	0.972	0.981	0.945863	0.039	4.2%
PCB 156/157	0.999	0.954	1.042	1.053	1.037	1.017075	0.041	4.0%
PCB 169	0.959	0.906	0.952	0.980	0.975	0.954435	0.029	3.1%
PCB 188	0.958	0.925	1.034	1.071	1.072	1.011922	0.067	6.6%
PCB 180	1.101	1.036	1.159	1.194	1.205	1.138864	0.070	6.2%
PCB 170	1.291	1.176	1.262	1.306	1.320	1.270956	0.057	4.5%
PCB 189	0.982	0.886	0.937	0.963	0.951	0.943745	0.036	3.9%
PCB 202	0.913	0.895	1.011	1.059	1.060	0.987571	0.079	8.0%
PCB 205	1.177	1.015	1.063	1.097	1.101	1.090566	0.059	5.4%
PCB 208	1.025	0.925	1.018	1.077	1.072	1.023460	0.061	6.0%
PCB 206	1.075	0.940	0.995	1.053	1.070	1.026603	0.058	5.7%
PCB 209	1.136	0.959	0.996	1.053	1.056	1.039866	0.067	6.4%
Internal Standard								
PCB 1L	0.840	0.846	0.813	0.770	0.849	0.823788	0.033	4.0%
PCB 3L	0.840	0.849	0.808	0.844	0.920	0.852361	0.041	4.8%
PCB 4L	0.558	0.557	0.534	0.512	0.551	0.542629	0.019	3.6%
PCB 15L	1.029	1.051	1.090	1.012	1.190	1.074338	0.071	6.6%
PCB 19L	0.591	0.602	0.578	0.554	0.566	0.578235	0.019	3.3%
PCB 37L	1.924	1.939	1.944	2.057	2.068	1.986544	0.070	3.5%
PCB 54L	1.356	1.322	1.314	1.174	1.320	1.297306	0.071	5.5%
PCB 81L	1.665	1.666	1.721	1.796	1.842	1.737865	0.079	4.5%
PCB 77L	1.587	1.612	1.638	1.746	1.803	1.677054	0.093	5.5%
PCB 104L	1.163	1.156	1.110	1.124	1.225	1.155653	0.045	3.9%
PCB 123L	1.887	1.930	1.905	2.000	1.957	1.935836	0.045	2.3%
PCB 118L	1.849	1.862	1.837	1.972	2.008	1.905777	0.078	4.1%
PCB 114L	1.678	1.727	1.716	1.835	1.908	1.772818	0.095	5.4%
PCB 105L	1.734	1.775	1.745	1.893	1.964	1.822389	0.101	5.6%
PCB 126L	1.635	1.666	1.649	1.792	1.935	1.735467	0.128	7.4%
PCB 155L	1.440	1.364	1.361	1.336	1.516	1.403516	0.074	5.3%
PCB 167L	2.083	1.993	2.034	2.132	2.307	2.109839	0.122	5.8%
PCB 156L/157L	1.859	1.803	1.846	1.919	2.177	1.920899	0.149	7.8%
PCB 169L	1.817	1.764	1.800	1.909	2.141	1.866246	0.152	8.1%
PCB 188L	1.329	1.302	1.300	1.302	1.414	1.329380	0.049	3.7%
PCB 180L	1.325	1.315	1.317	1.354	1.431	1.348551	0.049	3.6%
PCB 170L	1.140	1.124	1.166	1.189	1.283	1.180125	0.062	5.3%
PCB 189L	2.165	2.062	2.107	2.150	2.302	2.157271	0.090	4.2%
PCB 202L	1.429	1.390	1.400	1.411	1.467	1.419435	0.030	2.1%
PCB 205L	1.493	1.469	1.491	1.514	1.689	1.531299	0.090	5.9%
PCB 208L	1.124	1.101	1.130	1.137	1.205	1.139420	0.039	3.4%
PCB 206L	0.735	0.720	0.740	0.755	0.848	0.759545	0.051	6.7%
PCB 209L	0.703	0.690	0.695	0.709	0.824	0.724318	0.056	7.8%
Cleanup Standard								
PCB 28L	1.704	2.268	2.002	2.251	1.971	2.039286	0.232	11.4%
PCB 111L	1.103	1.408	1.378	1.404	1.422	1.343035	0.135	10.1%
PCB 178L	0.629	0.767	0.766	0.741	0.761	0.732920	0.059	8.0%
Field Spike								
PCB 31L	1.905	1.943	1.831	2.167	1.826	1.934331	0.139	7.2%
PCB 95L	0.971	0.961	0.936	0.926	0.938	0.946176	0.019	2.0%
PCB 153L	1.269	1.220	1.211	1.209	1.217	1.226125	0.025	2.0%

16.02.16


Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668 5PT-20160211A.mdb 16 Feb 2016 08:03:01

Calibration: 16 Feb 2016 08:03:15

ID:

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Description: CS1_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1	PCB 1	8.99	1.001	11317	3442	3.29	YES	bb	0.941	-5.9	94	29	1.018
2	PCB 3	10.19	1.001	11134	3432	3.24	YES	bd	0.931	-6.9	93	30	1.004
3	PCB 4	10.30	1.001	5083	3413	1.49	YES	bb	0.924	-7.6	92	31	0.882
4	PCB 15	12.93	1.000	9020	5686	1.59	YES	bb	0.950	-5.0	95	32	0.827
5	PCB 19	11.68	1.002	4176	3908	1.07	YES	bb	0.882	-11.8	88	33	0.793
6	PCB 37	16.70	1.001	7699	7512	1.02	YES	bb	0.965	-3.5	96	34	0.874
7	PCB 54	13.06	1.000	4395	5660	0.78	YES	bb	0.900	-10.0	90	35	0.820
8	PCB 81	21.42	1.001	6238	8814	0.71	YES	bb	0.973	-2.7	97	36	0.999
9	PCB 77	21.87	1.001	7020	9043	0.78	YES	bb	1.039	3.9	104	37	1.119
10	PCB 104	15.92	1.001	5960	3619	1.65	YES	bb	0.940	-6.0	94	38	1.029
11	PCB 123	23.51	1.001	8241	4993	1.65	YES	bd	0.979	-2.1	98	39	0.876
12	PCB 118	23.79	1.001	8416	5358	1.57	YES	db	0.948	-5.2	95	40	0.930
13	PCB 114	24.27	1.001	7980	5399	1.48	YES	bb	0.986	-1.4	99	41	0.996
14	PCB 105	24.84	1.001	8075	5073	1.59	YES	bb	0.969	-3.1	97	42	0.946
15	PCB 126	27.71	1.001	7817	4955	1.58	YES	bd	0.999	-0.1	100	43	0.975
16	PCB 155	19.63	1.001	5466	4233	1.29	YES	bb	0.954	-4.6	95	44	0.951
17	PCB 167	29.53	1.001	7639	6052	1.26	YES	bb	0.981	-1.9	98	45	0.928
18	PCB 156/157	30.70	1.001	14646	11687	1.25	YES	bb	1.965	-1.7	98	46	0.999
19	PCB 169	34.10	1.000	6841	5504	1.24	YES	bb	1.005	0.5	100	47	0.959
20	PCB 188	24.22	1.001	4620	4403	1.05	YES	bb	0.947	-5.3	95	48	0.958
21	PCB 193/180	32.13	1.001	4388	4025	1.09	YES	bb	0.967	-3.3	97	49	1.101
22	PCB 170	33.45	1.001	4362	4120	1.06	YES	bb	1.016	1.6	102	50	1.291
23	PCB 189	36.87	1.001	6391	5864	1.09	YES	bb	1.040	4.0	104	51	0.982
24	PCB 202	29.28	1.001	3489	4035	0.87	YES	bb	0.925	-7.5	92	52	0.913
25	PCB 205	39.73	1.001	4831	5300	0.91	YES	bb	1.079	7.9	108	53	1.177
26	PCB 208	36.32	1.001	2980	3660	0.81	YES	bb	1.001	0.1	100	54	1.025
27	PCB 206	41.73	1.000	2083	2474	0.84	YES	bb	1.047	4.7	105	55	1.075
28	PCB 209	43.56	1.000	2505	2100	1.19	YES	bb	1.092	9.2	109	56	1.136
29	PCB 1L	8.98	0.803	1106028	344244	3.21	YES	bb	101.949	1.9	102	63	0.840
30	PCB 3L	10.17	0.910	1103414	346832	3.18	YES	bb	98.529	-1.5	99	63	0.840
31	PCB 4L	10.28	0.920	589325	374089	1.58	YES	bb	102.816	2.8	103	63	0.558
32	PCB 15L	12.93	1.157	1096431	680884	1.61	YES	bb	95.801	-4.2	96	63	1.029
33	PCB 19L	11.66	1.043	521602	498307	1.05	YES	bb	102.142	2.1	102	63	0.591
34	PCB 37L	16.68	1.087	897243	843618	1.06	YES	bb	96.872	-3.1	97	64	1.924
35	PCB 54L	13.06	0.851	537500	689435	0.78	YES	bb	104.547	4.5	105	64	1.356
36	PCB 81L	21.41	1.395	664854	841531	0.79	YES	bb	95.819	-4.2	96	64	1.665
37	PCB 77L	21.85	1.424	632476	802942	0.79	YES	bb	94.616	-5.4	95	64	1.587
38	PCB 104L	15.91	0.805	575093	356026	1.62	YES	bb	100.597	0.6	101	65	1.163
39	PCB 123L	23.49	1.188	928800	582428	1.60	YES	bd	97.470	-2.5	97	65	1.887
40	PCB 118L	23.77	1.203	911984	568998	1.60	YES	db	97.025	-3.0	97	65	1.849
41	PCB 114L	24.26	1.227	827425	516235	1.60	YES	bb	94.631	-5.4	95	65	1.678
42	PCB 105L	24.83	1.256	855998	533121	1.61	YES	bb	95.171	-4.8	95	65	1.734
43	PCB 126L	27.69	1.401	804201	505514	1.59	YES	bb	94.225	-5.8	94	65	1.635
44	PCB 155L	19.61	0.738	572385	448050	1.28	YES	bb	102.621	2.6	103	66	1.440

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Description: CS1_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45	PCB 167L	29.50	1.110	828858	647216	1.28	YES	db	98.748	-1.3	99	66	2.083
46	PCB 156L/157L	30.68	1.155	1473726	1160997	1.27	YES	bb	193.597	-3.2	97	66	1.859
47	PCB 169L	34.08	1.283	720610	566651	1.27	YES	bb	96.324	-3.7	96	66	1.817
48	PCB 188L	24.20	0.911	485383	456375	1.06	YES	bb	99.990	-0.0	100	66	1.329
49	PCB 180L	32.09	0.819	396855	367038	1.08	YES	bb	98.247	-1.8	98	67	1.325
50	PCB 170L	33.42	0.853	341641	315434	1.08	YES	bb	96.570	-3.4	97	67	1.140
51	PCB 189L	36.84	0.940	644370	603772	1.07	YES	bb	100.349	0.3	100	67	2.165
52	PCB 202L	29.25	0.746	392059	431651	0.91	YES	bb	100.650	0.7	101	67	1.429
53	PCB 205L	39.71	1.013	414605	446323	0.93	YES	bb	97.513	-2.5	98	67	1.493
54	PCB 208L	36.29	0.926	285279	362821	0.79	YES	bb	98.654	-1.3	99	67	1.124
55	PCB 206L	41.70	1.064	185976	237790	0.78	YES	bb	96.767	-3.2	97	67	0.735
56	PCB 209L	43.54	1.111	220615	184915	1.19	YES	bb	97.107	-2.9	97	67	0.703
57	PCB 28L	14.41	0.939	790383	751516	1.05	YES	db	83.582	-16.4	84	64	1.704
58	PCB 111L	21.83	1.105	547534	335518	1.63	YES	bb	82.093	-17.9	82	65	1.103
59	PCB 178L	26.98	1.015	229836	215920	1.06	YES	bb	85.844	-14.2	86	66	0.629
60	PCB 31L	14.24	0.928	880367	842961	1.04	YES	bd	98.485	-1.5	98	64	1.905
61	PCB 95L	17.74	0.897	477429	299905	1.59	YES	bb	102.575	2.6	103	65	0.971
62	PCB 153L	25.41	0.956	509722	389436	1.31	YES	bb	103.591	3.6	104	66	1.269
63	PCB 9L	11.18	0.000	1064981	661857	1.61	YES	bb	92.069	-7.9	92	0	17268...
64	PCB 52L	15.35	0.000	398989	505634	0.79	YES	bb	91.787	-8.2	92	0	9046....
65	PCB 101L	19.77	0.000	496481	304444	1.63	YES	bb	90.173	-9.8	90	0	8009....
66	PCB 138L	26.57	0.000	401854	306634	1.31	YES	bb	87.765	-12.2	88	0	7084....
67	PCB 194L	39.18	0.000	276425	300136	0.92	YES	bb	88.279	-11.7	88	0	5765....
68	Total MoCB F1								1.872			29	
69	Total MoCB labeled ...								200.478			63	
70	Total DiCB F1								0.924			31	
71	Total DiCB labeled F1								102.816			63	
72	Total DiCB F2								0.950			32	
73	Total DiCB labeled F2								187.871			63	
74	Total TriCB F2								0.882			33	
75	Total TriCB labeled F2								102.142			63	
76	Total TriCB F3								0.965			34	
77	Total TriCB labeled F3								278.938			64	
78	Total TeCB F2								0.900			35	
79	Total TeCB labeled F2								104.547			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								91.787			64	
82	Total TeCB F4								2.012			36	
83	Total TeCB labeled F4								190.435			64	
84	Total PeCB F3								0.940			38	
85	Total PeCB labeled F3								100.597			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								274.842			65	
88	Total PeCB F5								4.880			39	
89	Total PeCB labeled F5								478.523			65	
90	Total HxCB F4								0.954			44	
91	Total HxCB labeled F4								102.621			66	
92	Total HxCB F5											45	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Description: CS1_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5									191.356			66	
94	Total HxCB F6									3.951			45	
95	Total HxCB labeled F6									388.669			66	
96	Total HpCB F5									0.947			48	
97	Total HpCB labeled ...									185.834			67	
98	Total HpCB F6									1.983			49	
99	Total HpCB labeled ...									194.817			67	
100	Total HpCB F7									1.040			51	
101	Total HpCB labeled ...									100.349			67	
102	Total OcCB F6									0.925			52	
103	Total OcCB labeled ...									100.650			67	
104	Total OcCB F7									1.079			53	
105	Total OcCB labeled ...									185.792			67	
106	Total NoCB F7									2.049			54	
107	Total NoCB labeled ...									195.420			67	
108	Total DeCB F7									1.092			56	
109	Total DeCB labeled ...									97.107			67	
110	lockmass F1												0	
111	lockmass F2												0	
112	lockmass F3												0	
113	lockmass F4												0	
114	lockmass F5												0	
115	lockmass F6												0	
116	lockmass F7												0	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668 5PT-20160211A.mdb 16 Feb 2016 08:03:01

Calibration: 16 Feb 2016 08:03:15

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

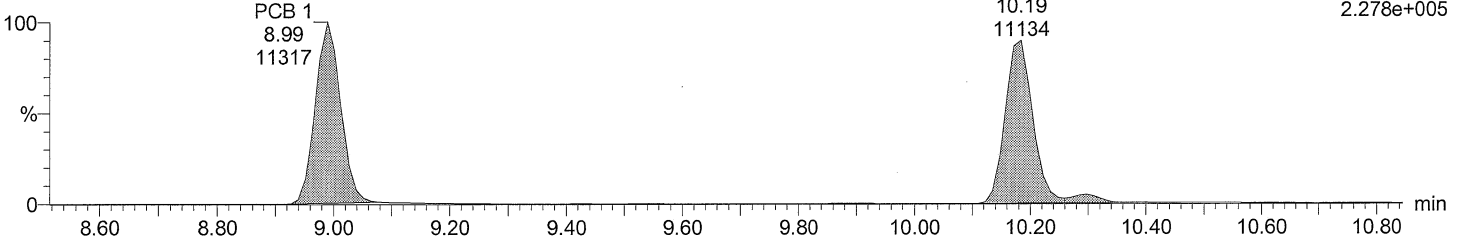
Time: 18:43:05

Instrument: Autospec-UltimaE

Total MoCB F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

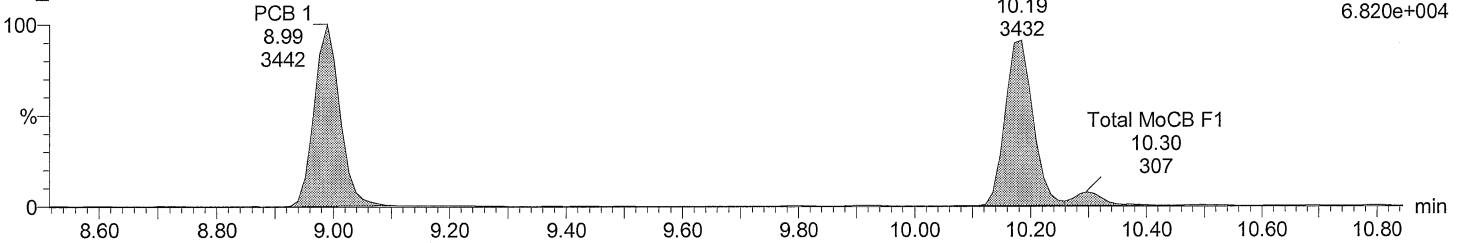
F1:SIR of 10 channels,EI+
188.0393
2.278e+005



Total MoCB F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

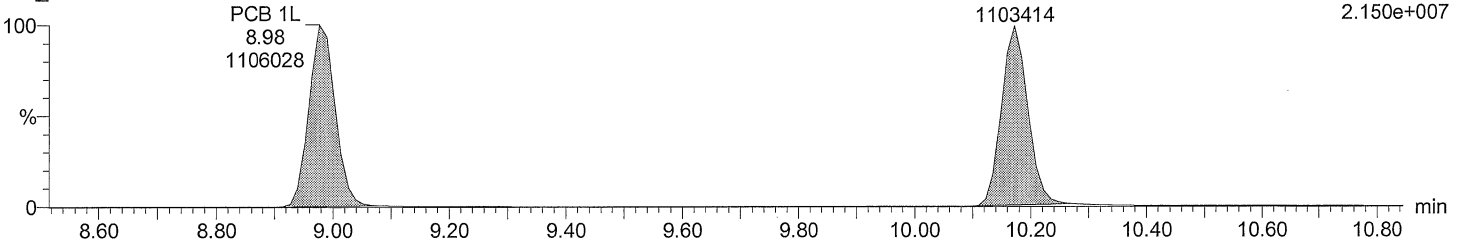
F1:SIR of 10 channels,EI+
190.0363
6.820e+004



Total MoCB labeled F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

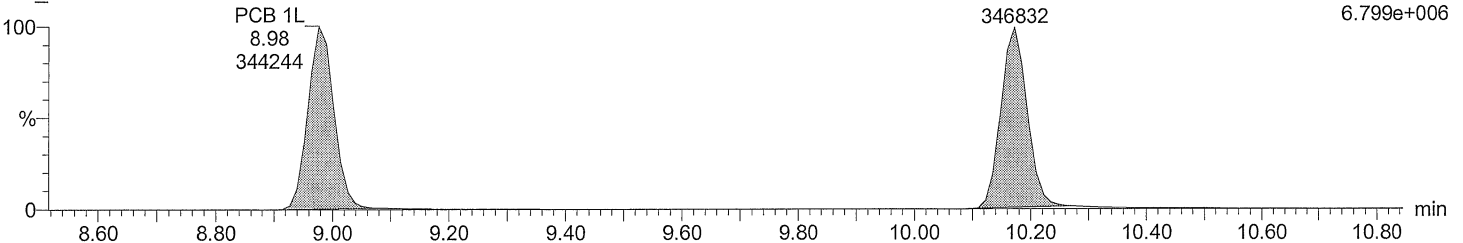
F1:SIR of 10 channels,EI+
200.0795
2.150e+007



Total MoCB labeled F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F1:SIR of 10 channels,EI+
202.076
6.799e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

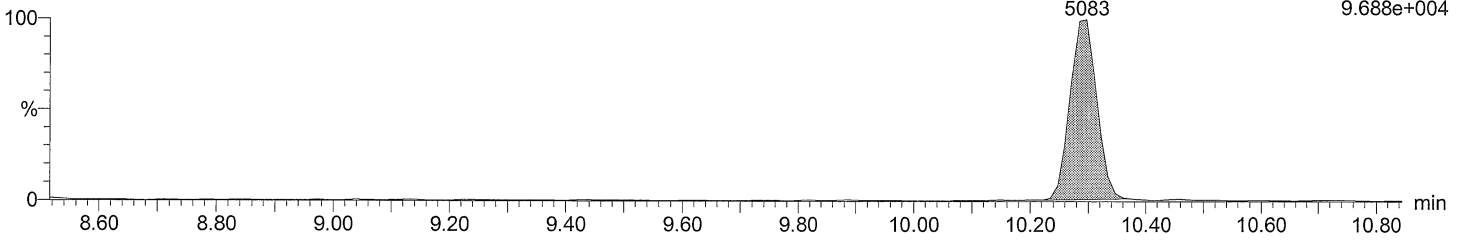
Time: 18:43:05

Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

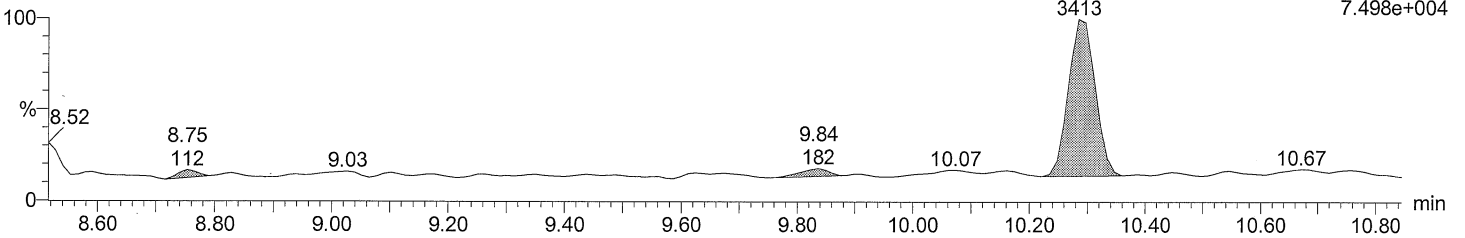
PCB 4
10.30
5083
F1:SIR of 10 channels,EI+
222.0003
9.688e+004



Total DiCB F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

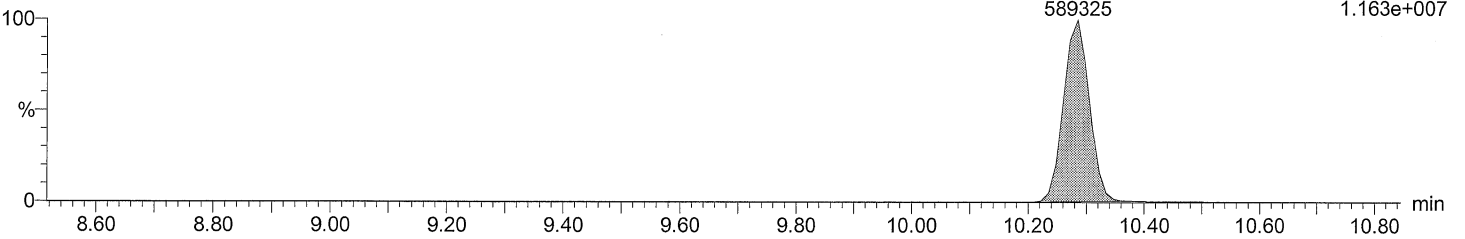
PCB 4
10.28
3413
F1:SIR of 10 channels,EI+
223.9974
7.498e+004



Total DiCB labeled F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

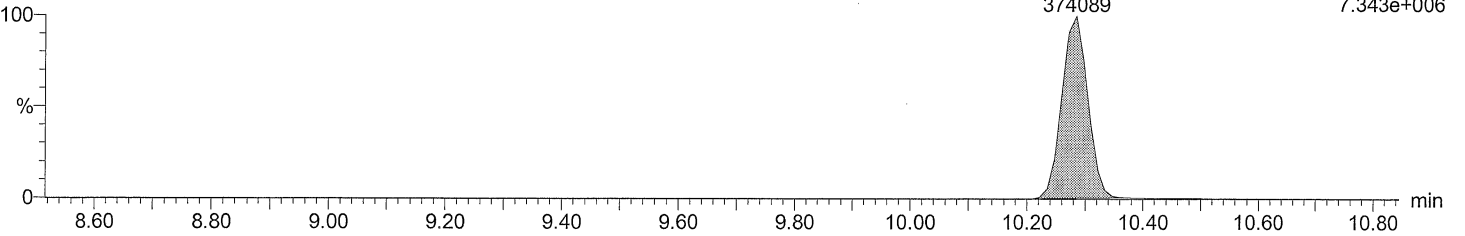
PCB 4L
10.28
589325
F1:SIR of 10 channels,EI+
234.0406
1.163e+007



Total DiCB labeled F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 4L
10.28
374089
F1:SIR of 10 channels,EI+
236.0376
7.343e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

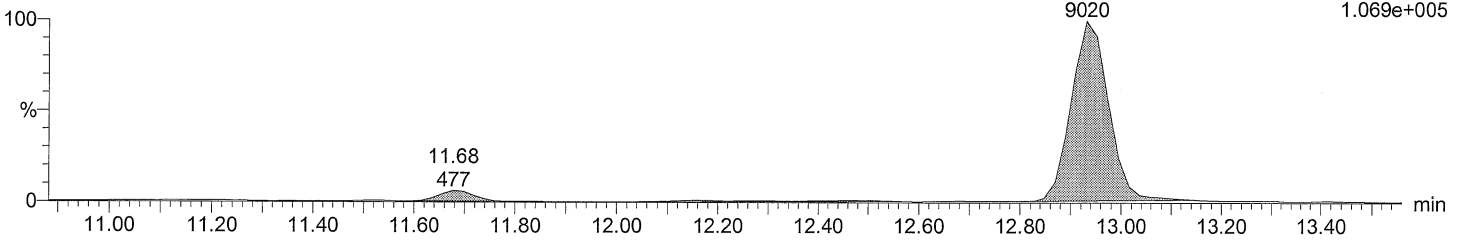
Time: 18:43:05

Instrument: Autospec-UltimaE

Total DiCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

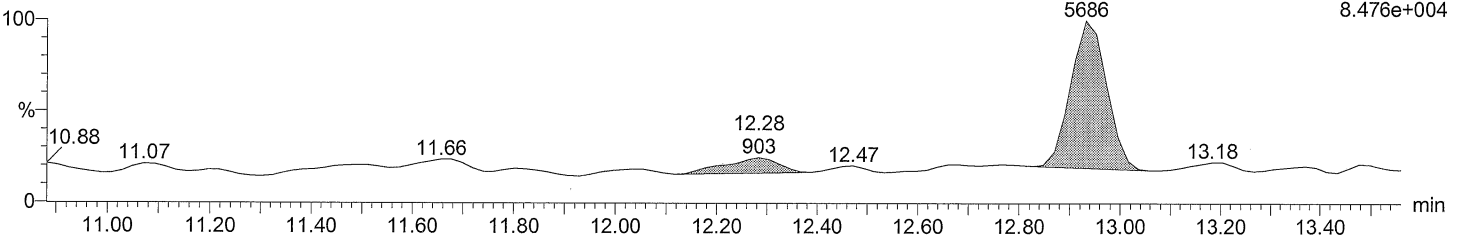
PCB 15
12.93
9020
F2:SIR of 16 channels,EI+
222.0003
1.069e+005



Total DiCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

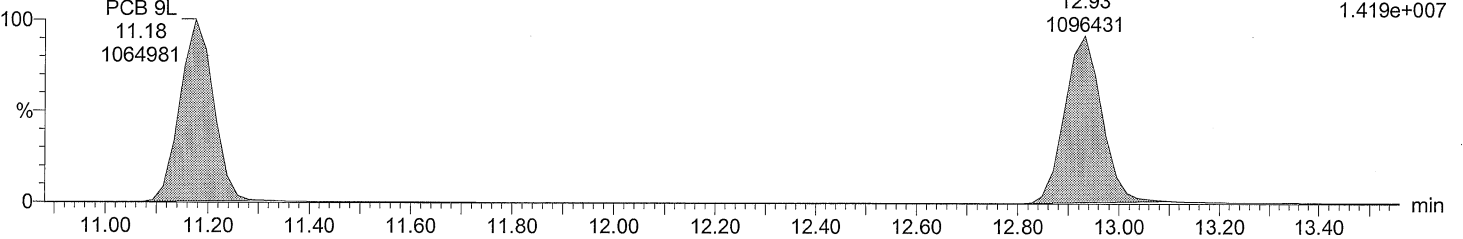
PCB 15
12.93
5686
F2:SIR of 16 channels,EI+
223.9974
8.476e+004



Total DiCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

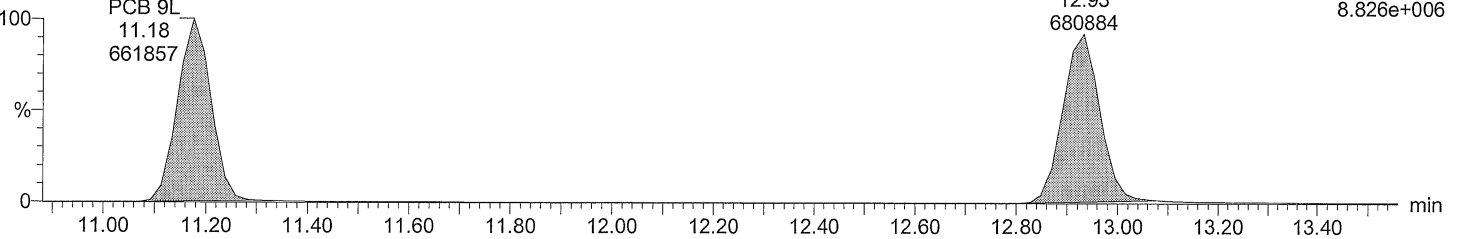
PCB 15L
12.93
1096431
F2:SIR of 16 channels,EI+
234.0406
1.419e+007



Total DiCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 15L
12.93
680884
F2:SIR of 16 channels,EI+
236.0376
8.826e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

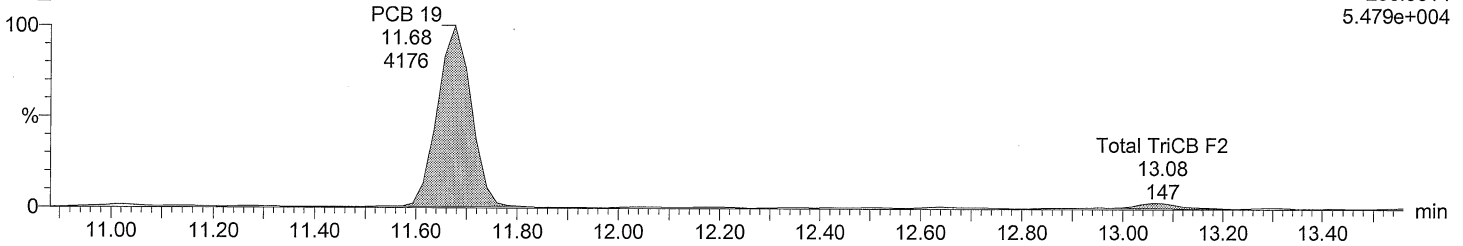
Time: 18:43:05

Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

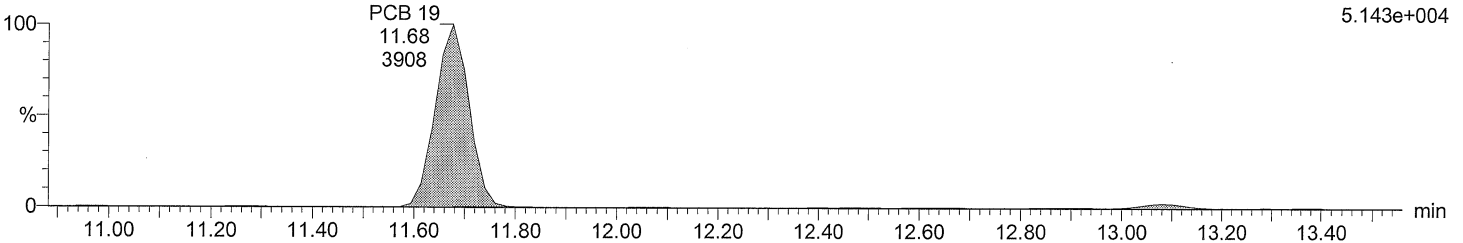
F2:SIR of 16 channels,EI+
255.9614
5.479e+004



Total TriCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

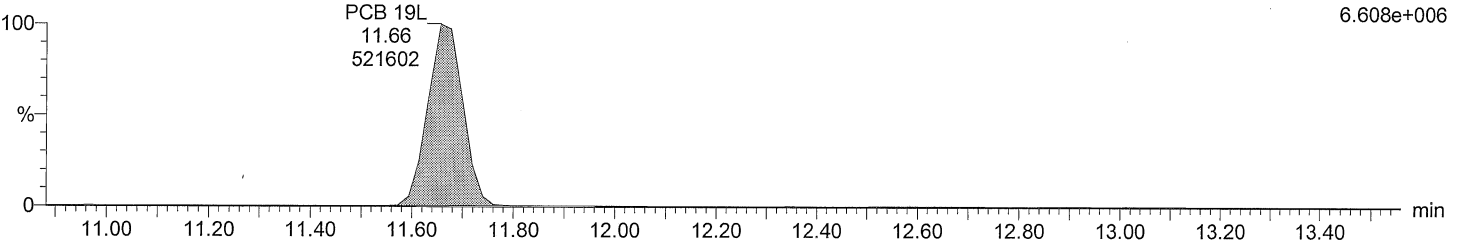
F2:SIR of 16 channels,EI+
257.9584
5.143e+004



Total TriCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

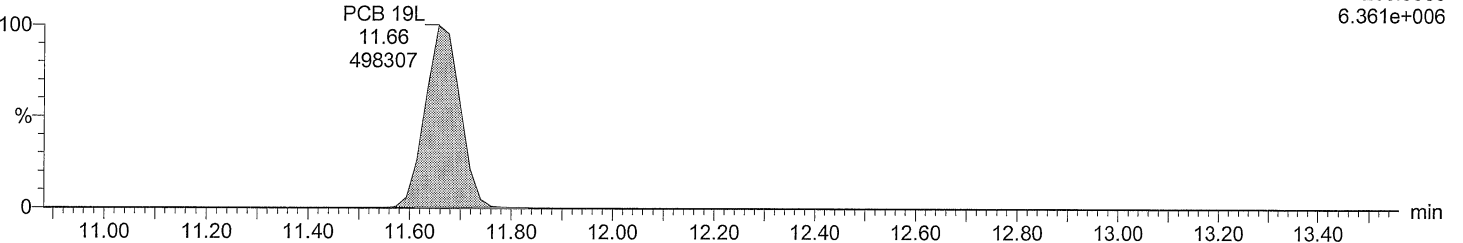
F2:SIR of 16 channels,EI+
268.0016
6.608e+006



Total TriCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F2:SIR of 16 channels,EI+
269.9986
6.361e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

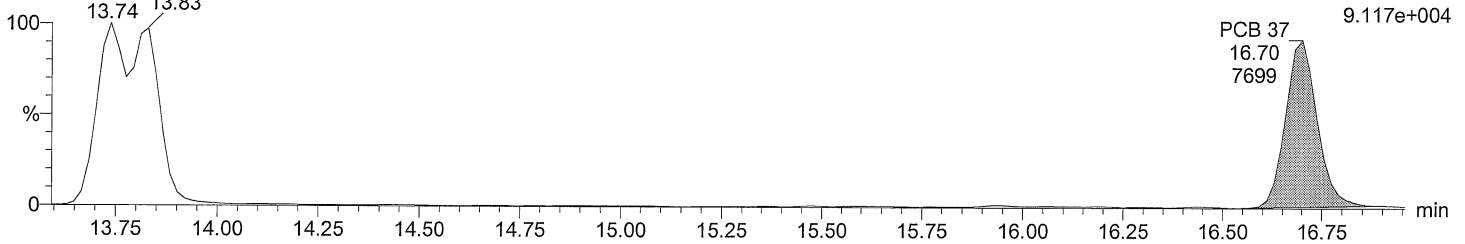
Instrument: Autospec-UltimaE

Total TriCB F3

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F3:SIR of 14 channels,EI+
255.9614
9.117e+004

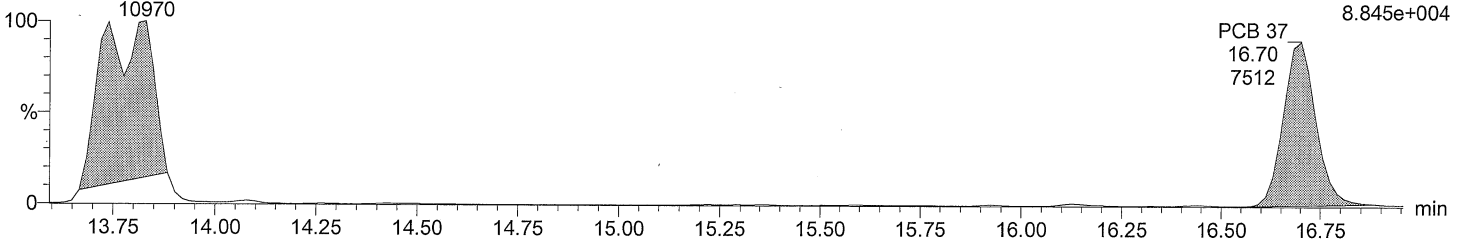


Total TriCB F3

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F3:SIR of 14 channels,EI+
257.9584
8.845e+004

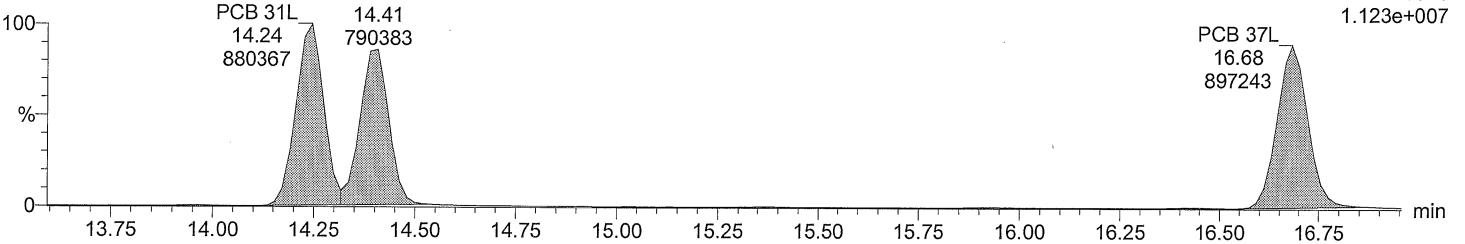


Total TriCB labeled F3

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F3:SIR of 14 channels,EI+
268.0016
1.123e+007

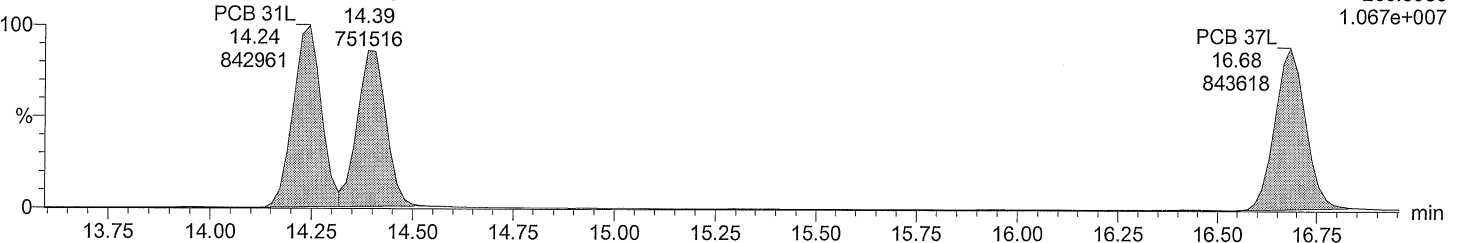


Total TriCB labeled F3

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F3:SIR of 14 channels,EI+
269.9986
1.067e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

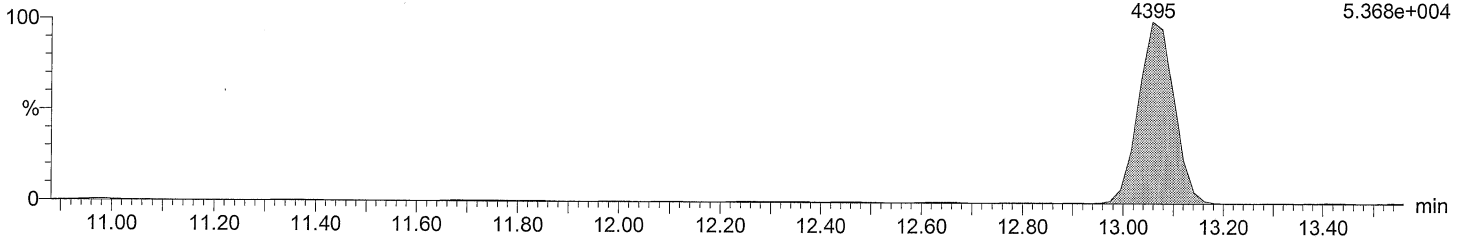
Time: 18:43:05

Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

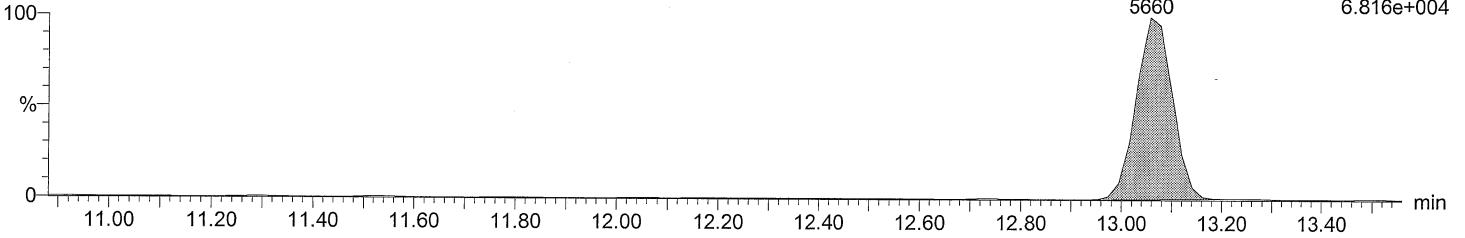
PCB 54 F2:SIR of 16 channels,EI+
13.06 289.9224
4395 5.368e+004



Total TeCB F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

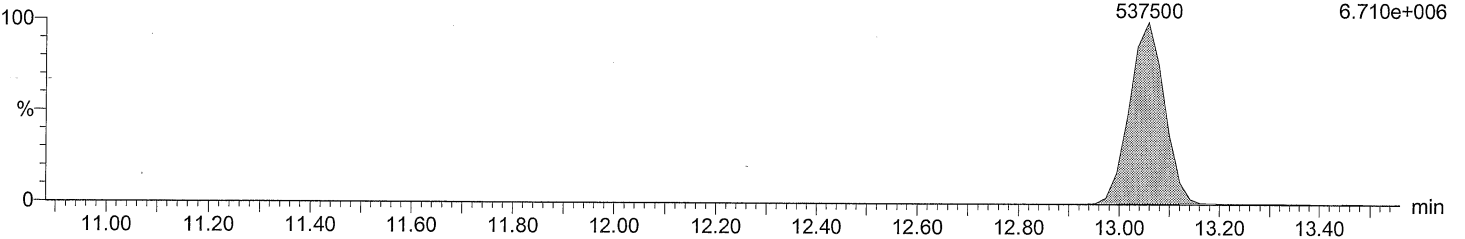
PCB 54 F2:SIR of 16 channels,EI+
13.06 291.9194
5660 6.816e+004



Total TeCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

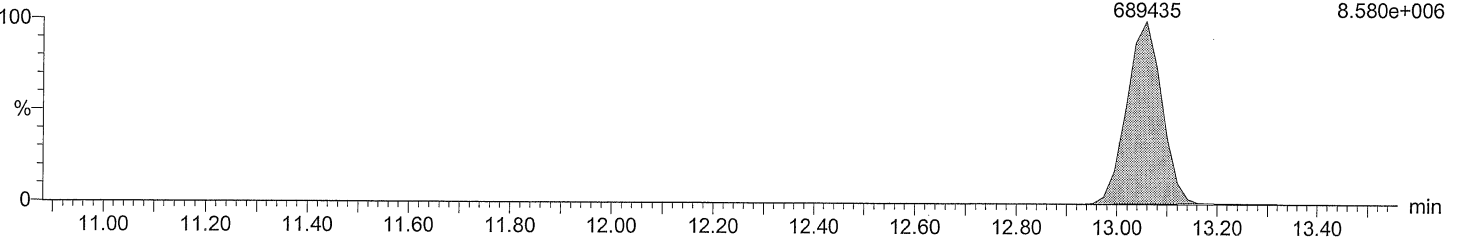
PCB 54L F2:SIR of 16 channels,EI+
13.06 301.9626
537500 6.710e+006



Total TeCB labeled F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+
13.06 303.9597
689435 8.580e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total TeCB F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

Total TeCB F3

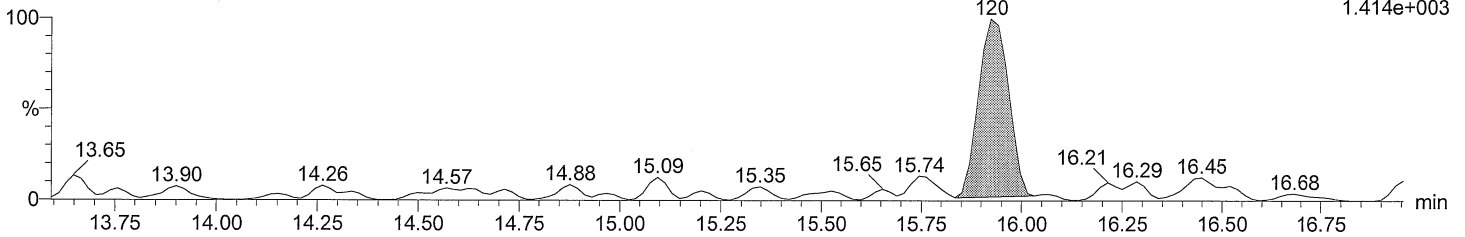
F3:SIR of 14 channels,EI+

15.92

289.9224

120

1.414e+003



Total TeCB F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

Total TeCB F3

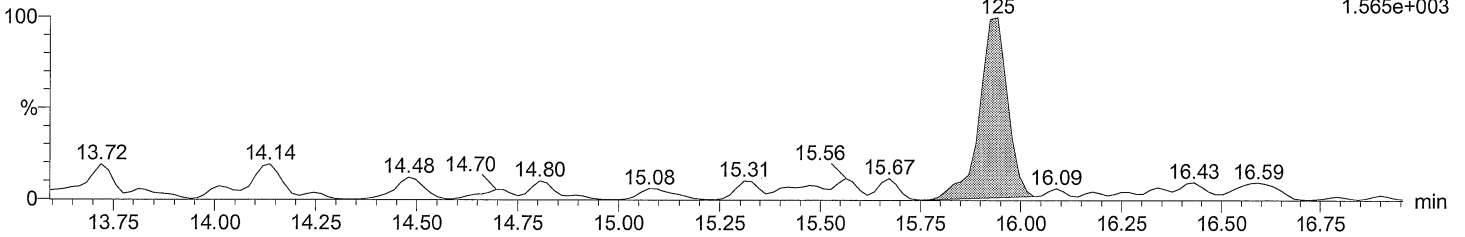
F3:SIR of 14 channels,EI+

15.94

291.9194

125

1.565e+003



Total TeCB labeled F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 52L

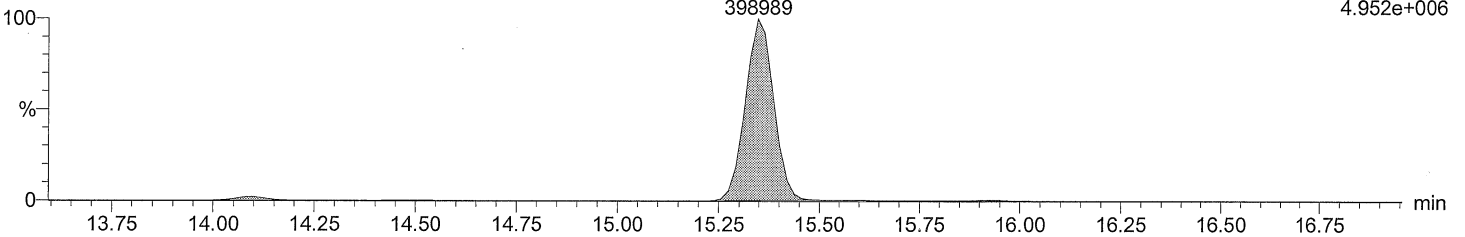
F3:SIR of 14 channels,EI+

15.35

301.9626

398989

4.952e+006



Total TeCB labeled F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 52L

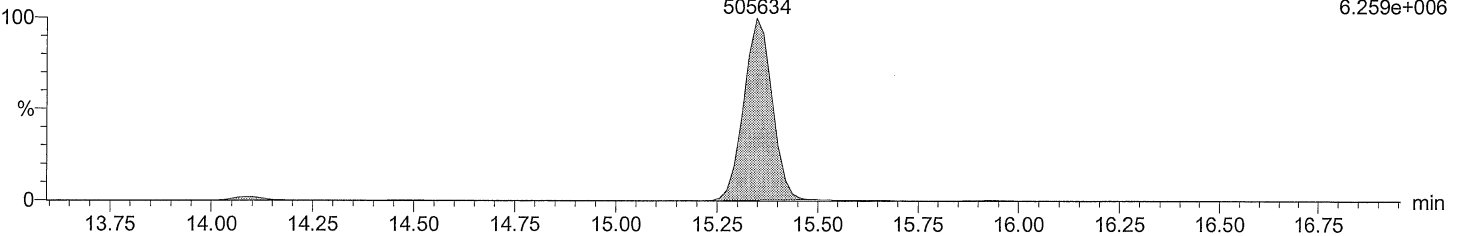
F3:SIR of 14 channels,EI+

15.35

303.9597

505634

6.259e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

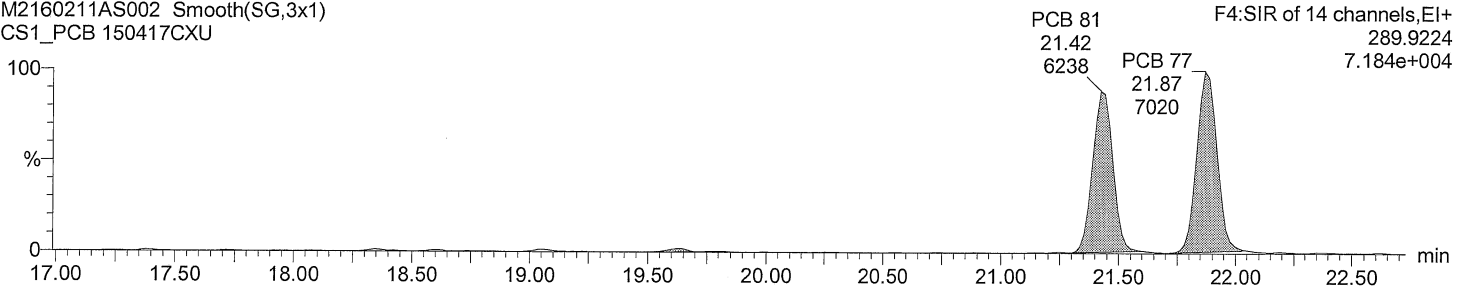
Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

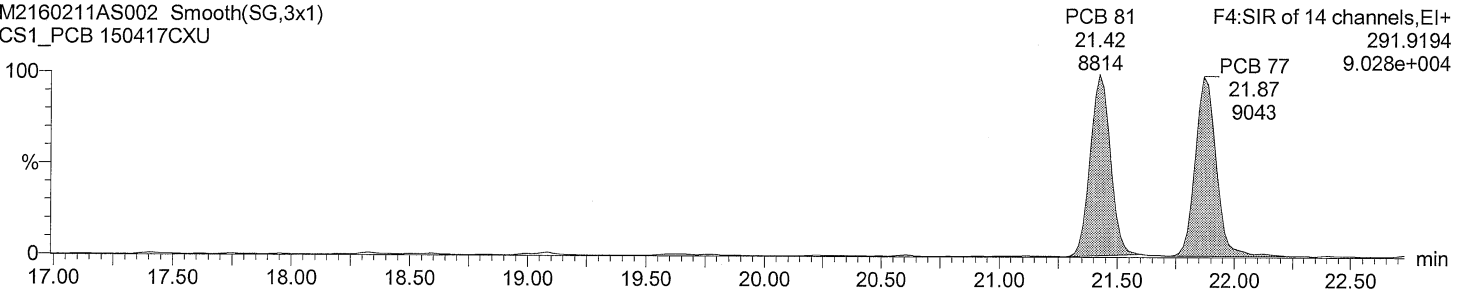
Total TeCB F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU



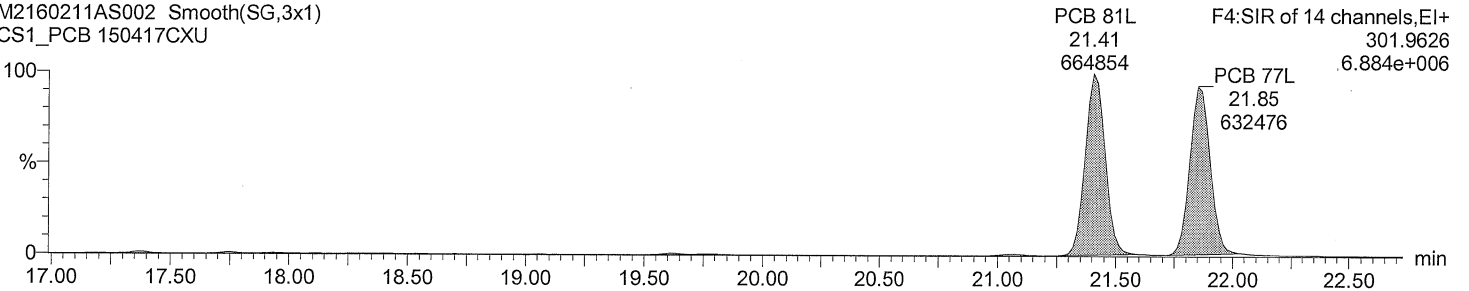
Total TeCB F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU



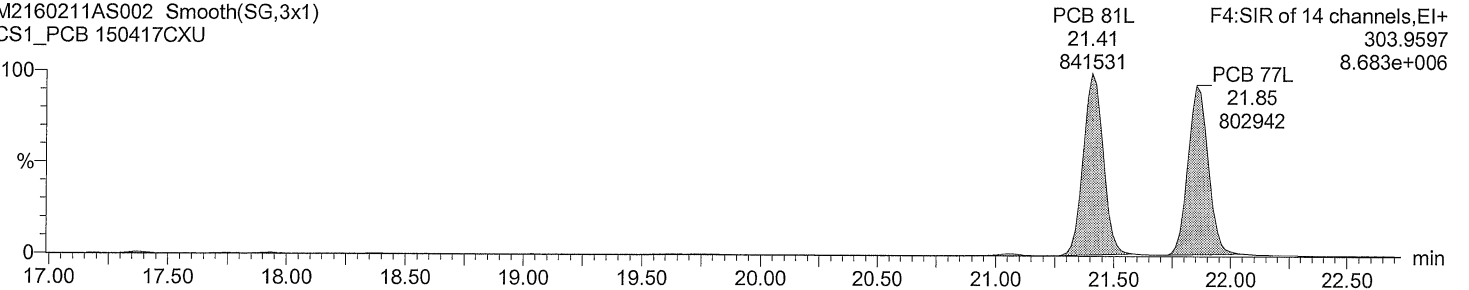
Total TeCB labeled F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU



Total TeCB labeled F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 104

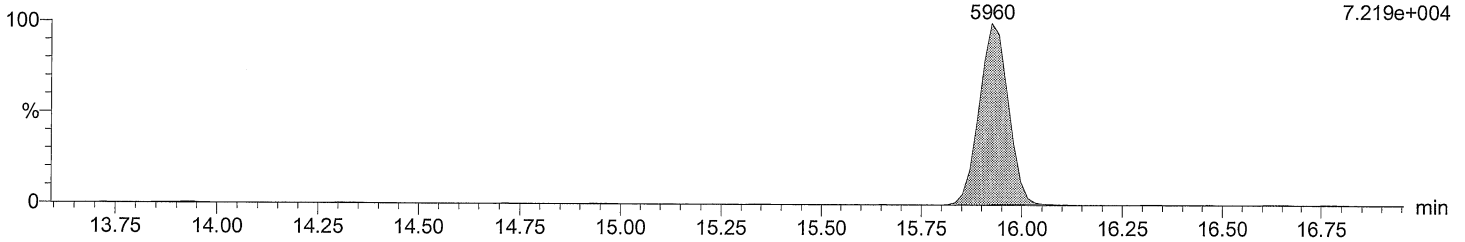
15.92

5960

F3:SIR of 14 channels,EI+

325.8805

7.219e+004



Total PeCB F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 104

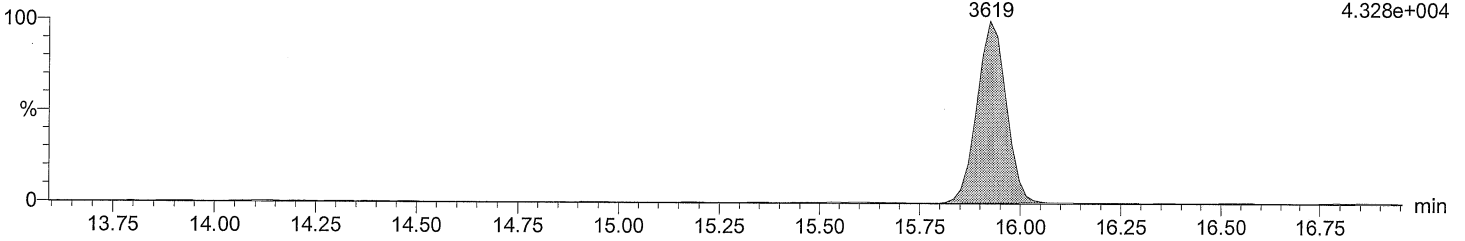
15.92

3619

F3:SIR of 14 channels,EI+

327.8775

4.328e+004



Total PeCB labeled F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 104L

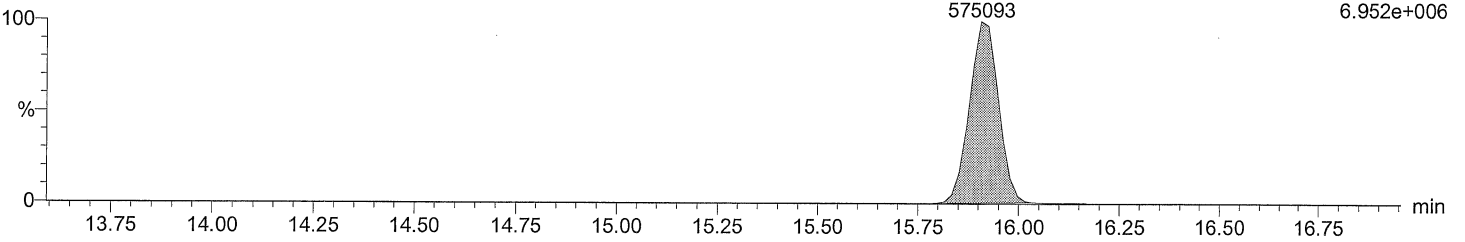
15.91

575093

F3:SIR of 14 channels,EI+

337.9207

6.952e+006



Total PeCB labeled F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 104L

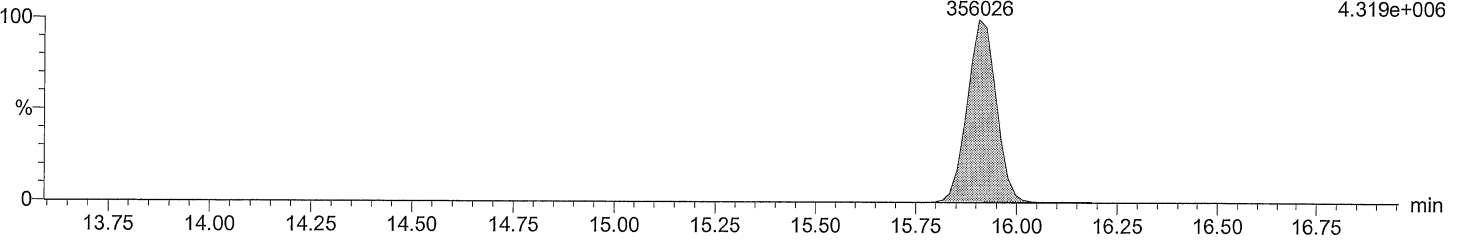
15.91

356026

F3:SIR of 14 channels,EI+

339.9178

4.319e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total PeCB F4

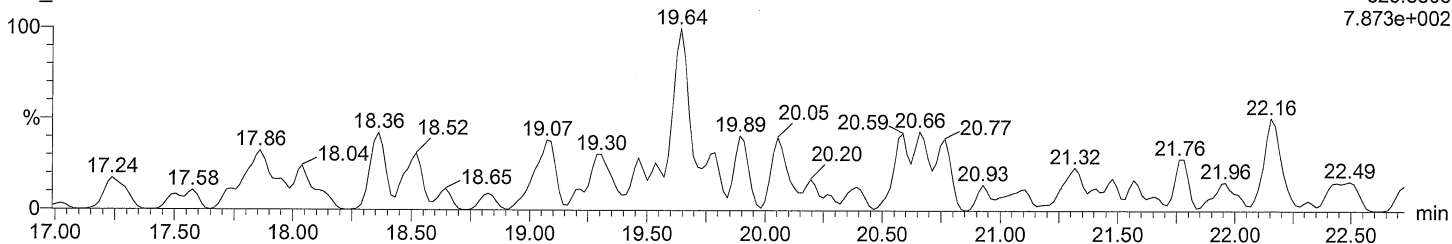
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F4:SIR of 14 channels,EI+

325.8805

7.873e+002



Total PeCB F4

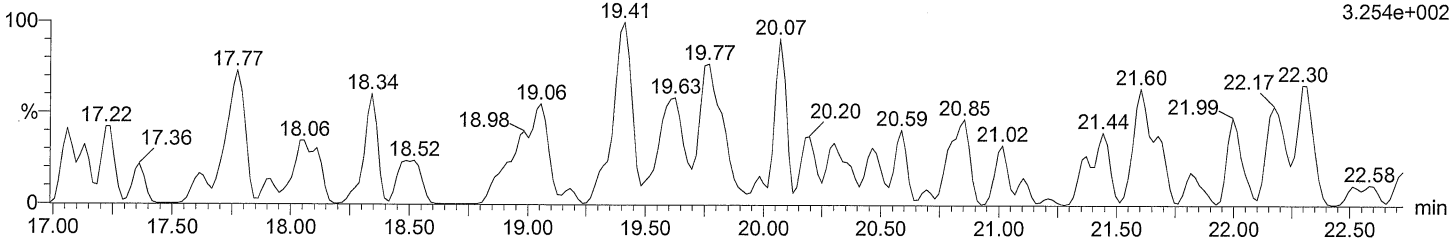
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F4:SIR of 14 channels,EI+

327.8775

3.254e+002



Total PeCB labeled F4

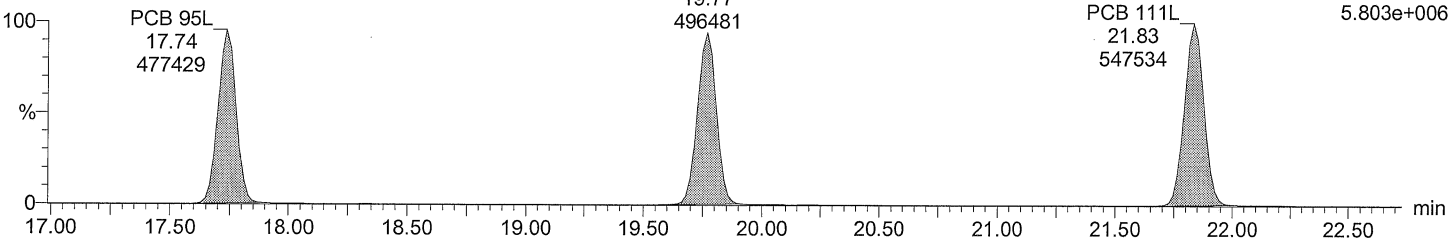
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F4:SIR of 14 channels,EI+

337.9207

5.803e+006



Total PeCB labeled F4

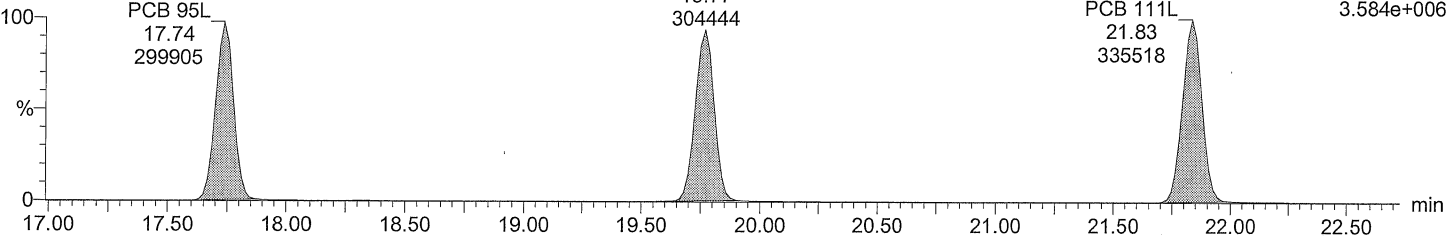
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F4:SIR of 14 channels,EI+

339.9178

3.584e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDIM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

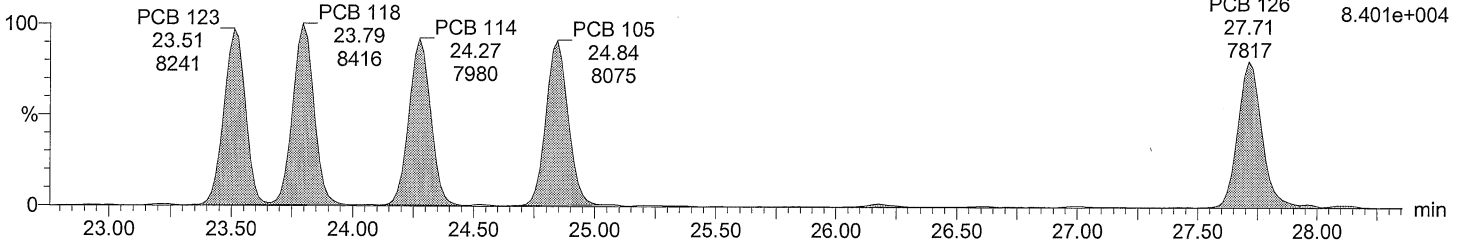
Time: 18:43:05

Instrument: Autospec-UltimaE

Total PeCB F5

M2160211AS002 Smooth(SG,3x1)

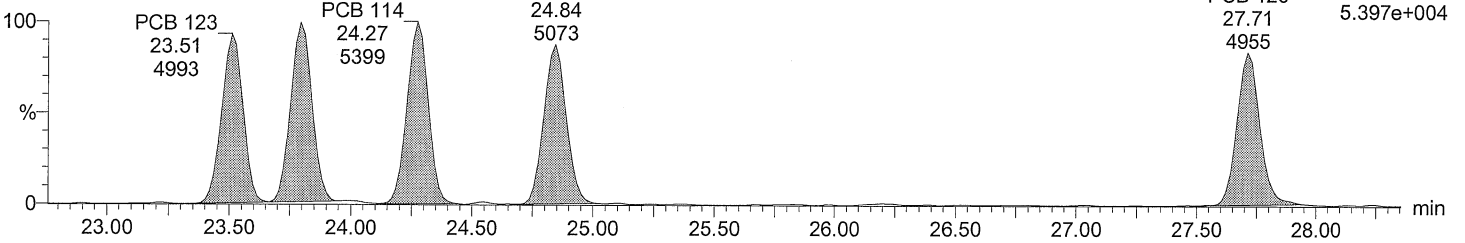
CS1_PCB 150417CXU



Total PeCB F5

M2160211AS002 Smooth(SG,3x1)

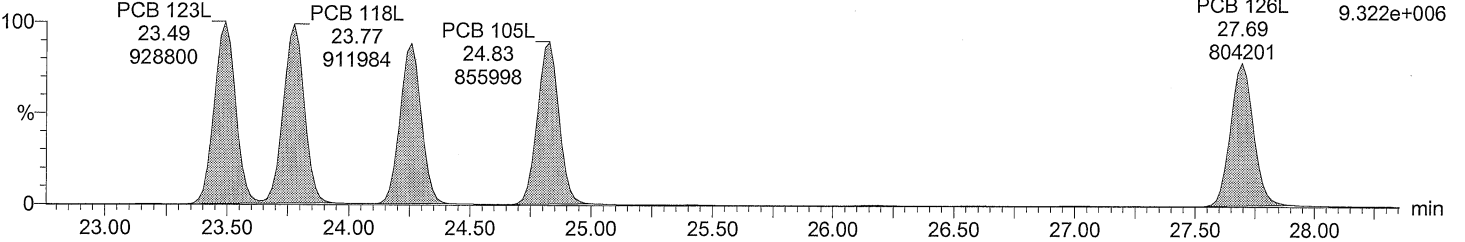
CS1_PCB 150417CXU



Total PeCB labeled F5

M2160211AS002 Smooth(SG,3x1)

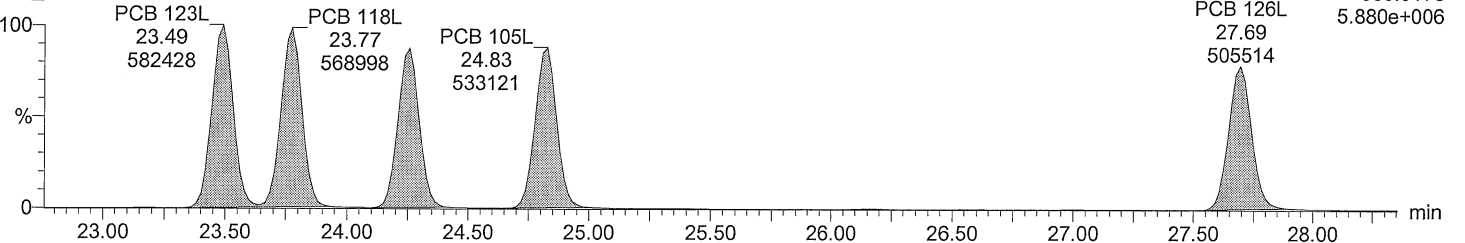
CS1_PCB 150417CXU



Total PeCB labeled F5

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

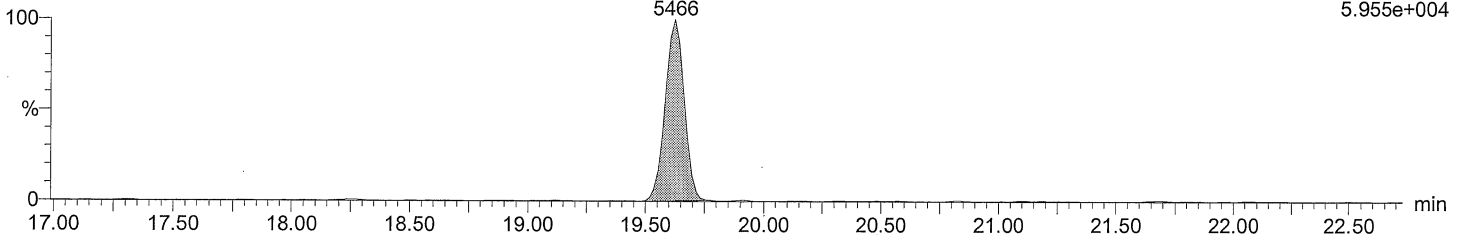
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 155
19.63
5466

F4:SIR of 14 channels,EI+
359.8415
5.955e+004

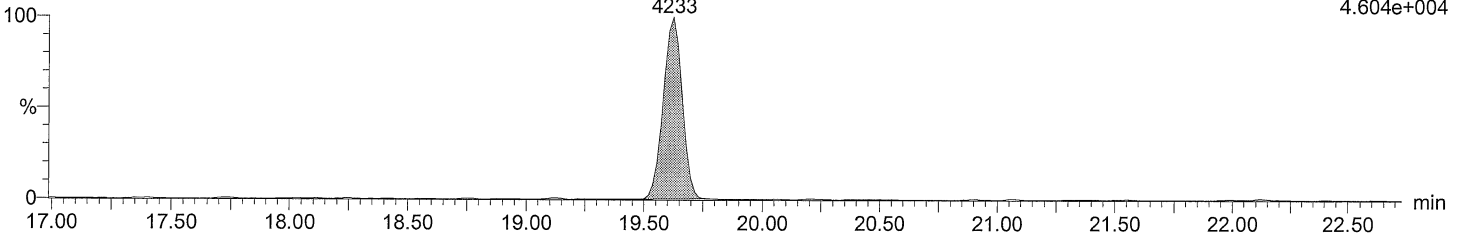


Total HxCB F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 155
19.63
4233

F4:SIR of 14 channels,EI+
361.8385
4.604e+004

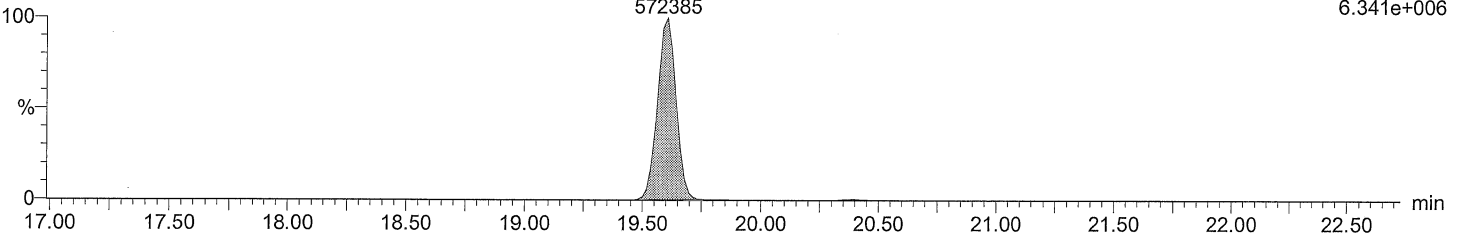


Total HxCB labeled F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 155L
19.61
572385

F4:SIR of 14 channels,EI+
371.8817
6.341e+006

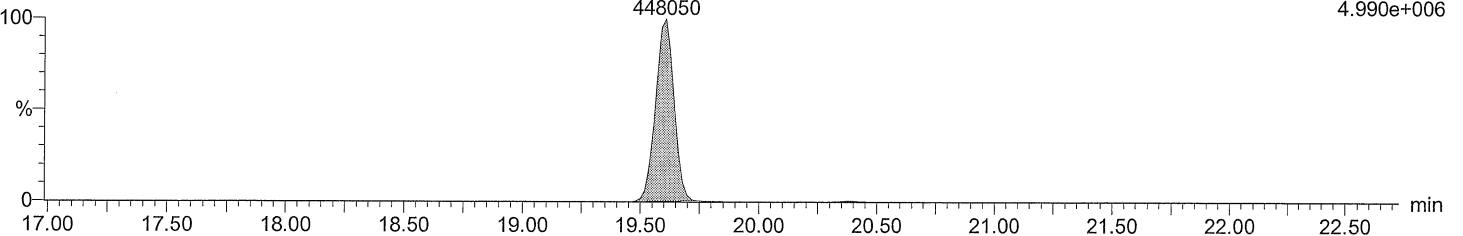


Total HxCB labeled F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 155L
19.61
448050

F4:SIR of 14 channels,EI+
373.8788
4.990e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

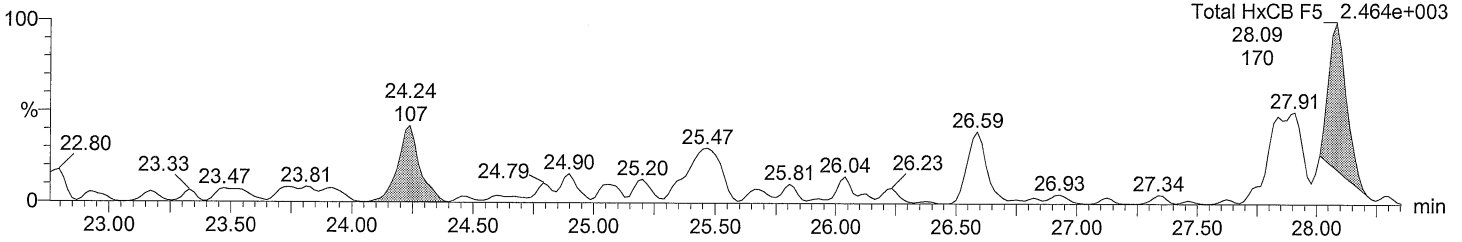
Time: 18:43:05

Instrument: Autospec-UltimaE

Total HxCB F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

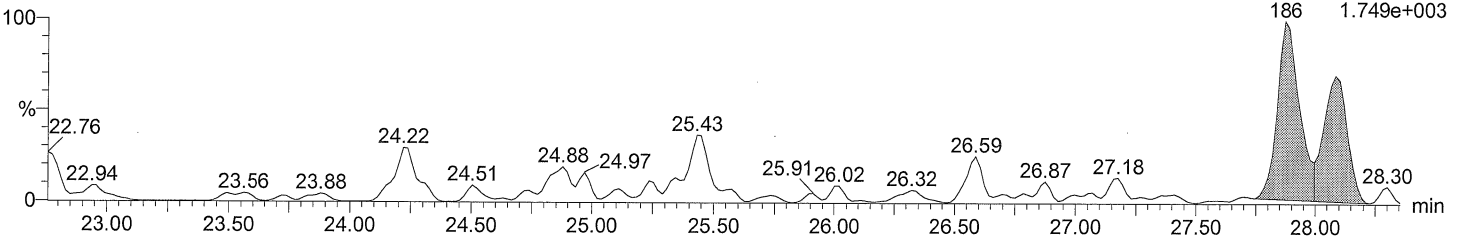
F5:SIR of 14 channels,EI+
359.8415
Total HxCB F5 2.464e+003



Total HxCB F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

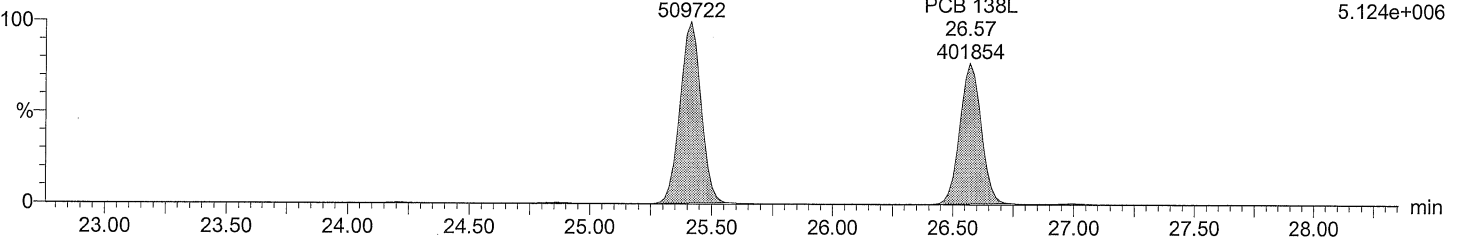
F5:SIR of 14 channels,EI+
27.87 361.8385
186 1.749e+003



Total HxCB labeled F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

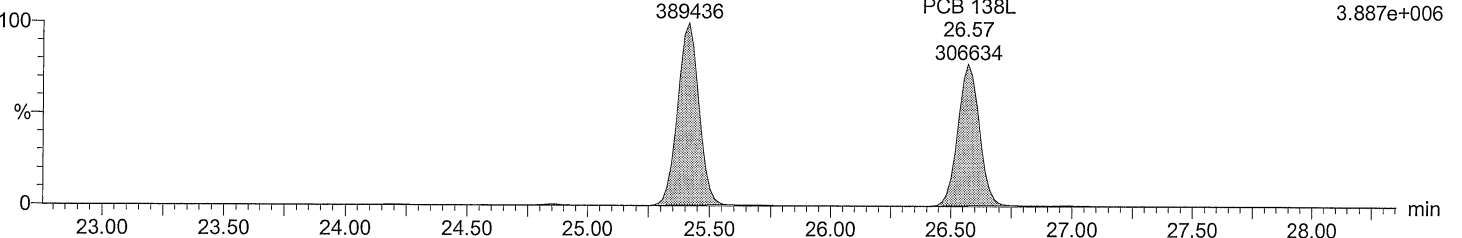
F5:SIR of 14 channels,EI+
371.8817
5.124e+006



Total HxCB labeled F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F5:SIR of 14 channels,EI+
373.8788
3.887e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

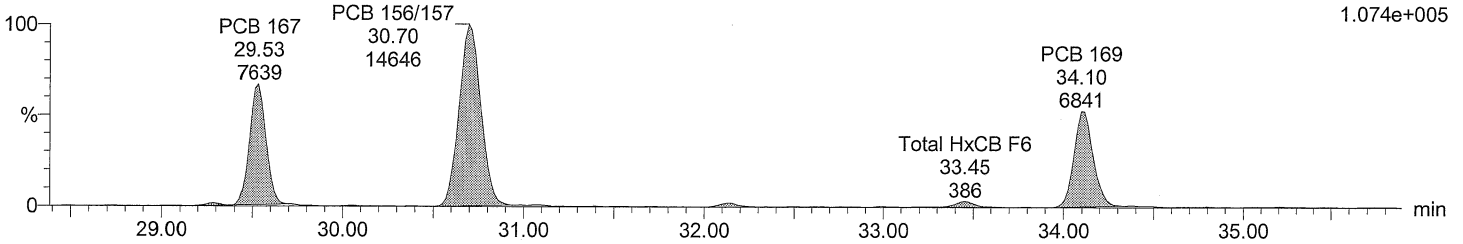
Time: 18:43:05

Instrument: Autospec-UltimaE

Total HxCB F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

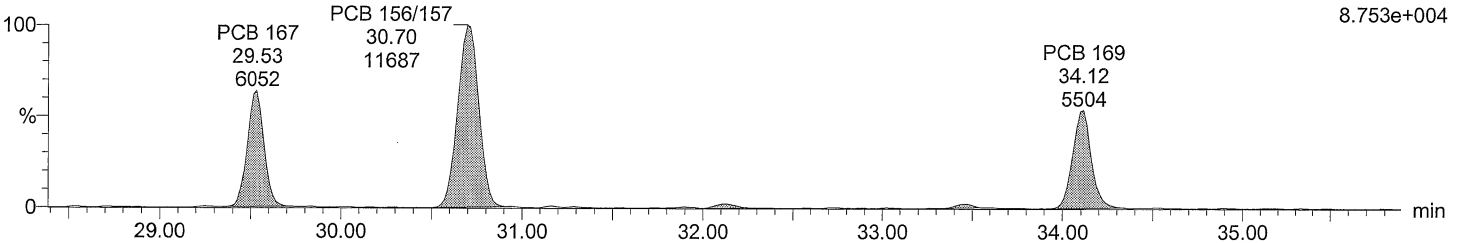
F6:SIR of 14 channels,EI+
359.8415
1.074e+005



Total HxCB F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

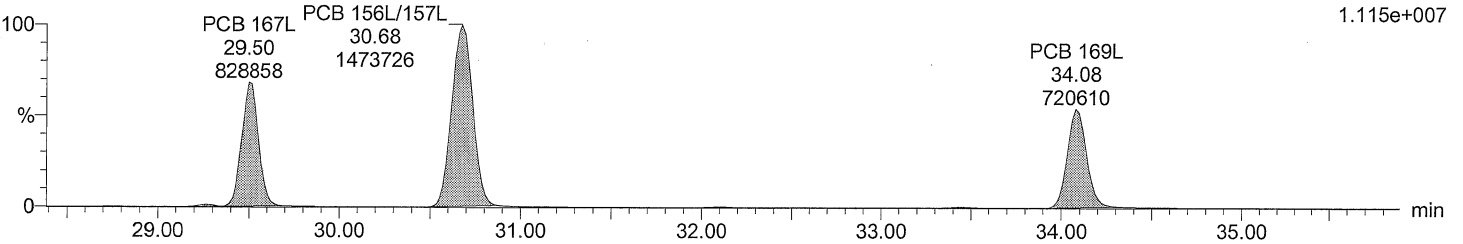
F6:SIR of 14 channels,EI+
361.8385
8.753e+004



Total HxCB labeled F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

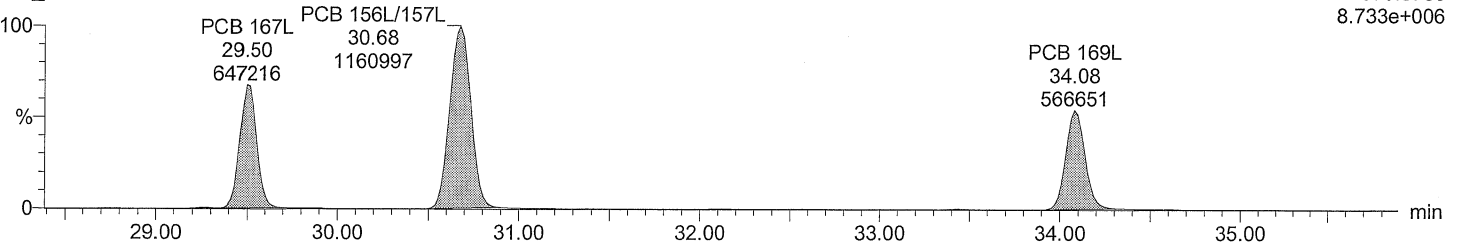
F6:SIR of 14 channels,EI+
371.8817
1.115e+007



Total HxCB labeled F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F6:SIR of 14 channels,EI+
373.8788
8.733e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

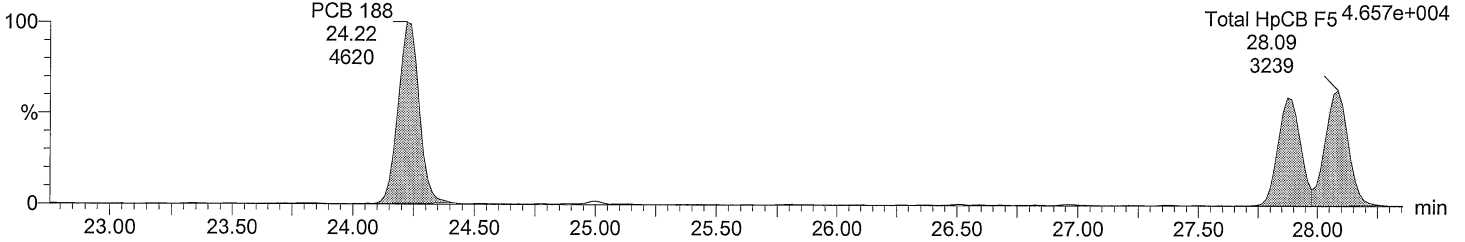
Instrument: Autospec-UltimaE

Total HpCB F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F5:SIR of 14 channels,EI+
393.8025

Total HpCB F5 4.657e+004

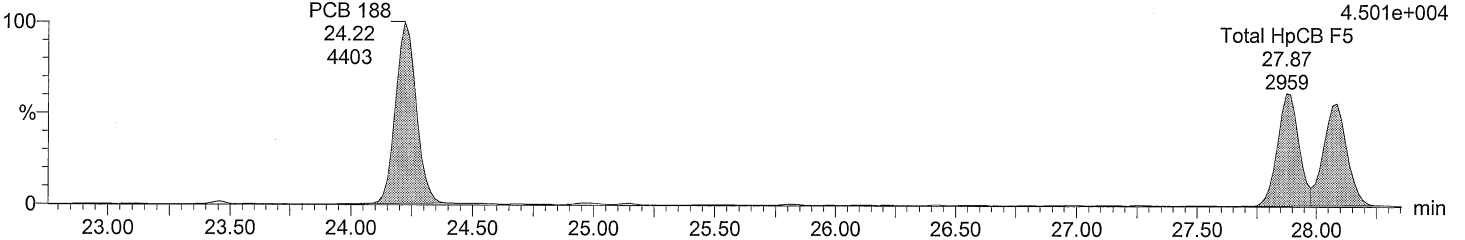


Total HpCB F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F5:SIR of 14 channels,EI+
395.7995

Total HpCB F5 4.501e+004

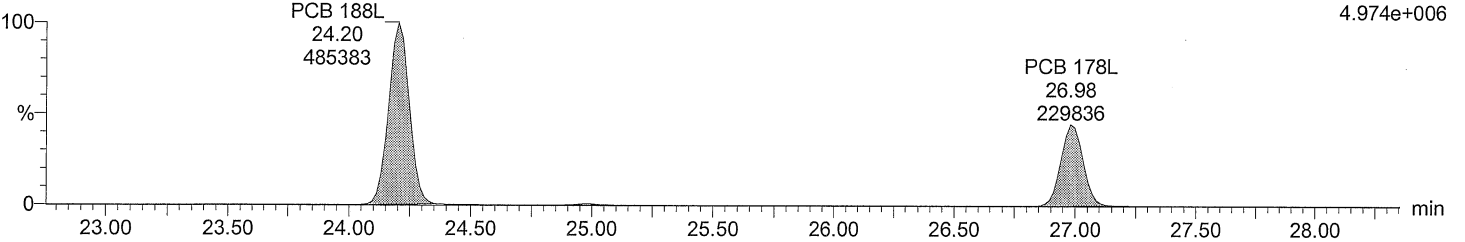


Total HpCB labeled F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F5:SIR of 14 channels,EI+
405.8428

4.974e+006

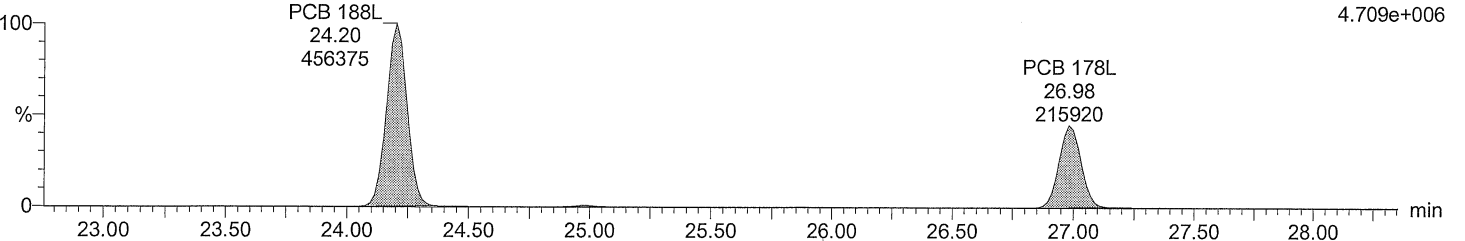


Total HpCB labeled F5

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F5:SIR of 14 channels,EI+
407.8398

4.709e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total HpCB F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 193/180

32.13

4388

PCB 170

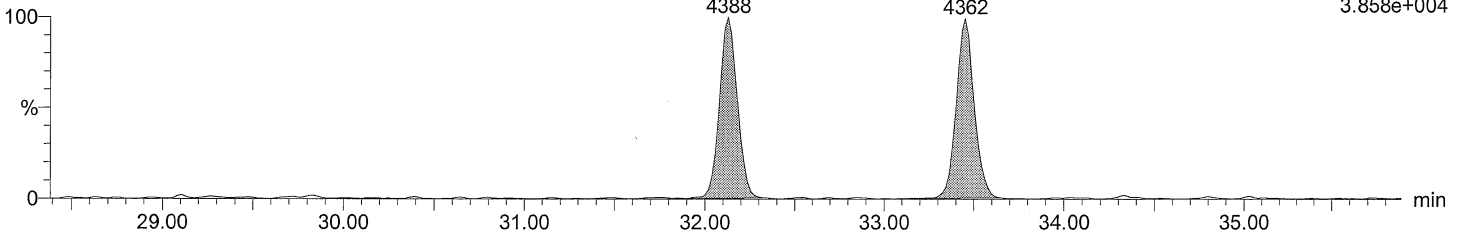
33.45

4362

F6:SIR of 14 channels,EI+

393.8025

3.858e+004



Total HpCB F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 193/180

32.13

4025

PCB 170

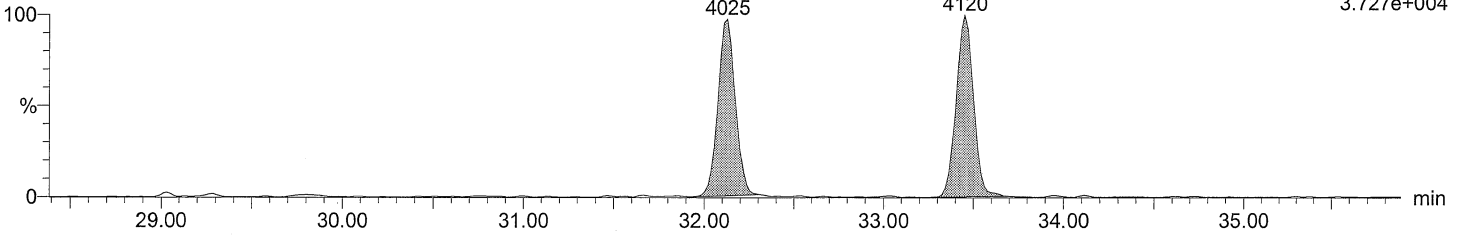
33.45

4120

F6:SIR of 14 channels,EI+

395.7995

3.727e+004



Total HpCB labeled F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 180L

32.09

396855

PCB 170L

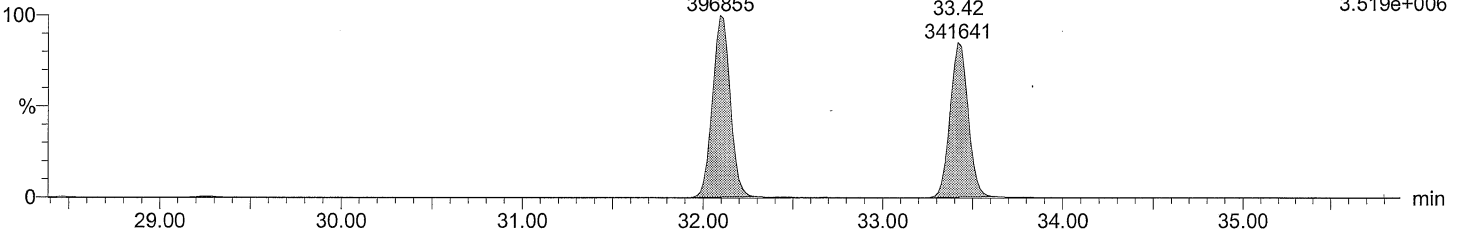
33.42

341641

F6:SIR of 14 channels,EI+

405.8428

3.519e+006



Total HpCB labeled F6

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 180L

32.09

367038

PCB 170L

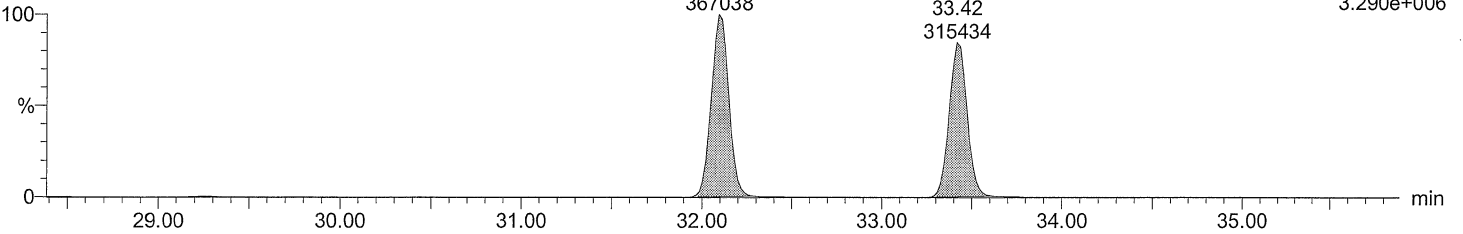
33.42

315434

F6:SIR of 14 channels,EI+

407.8398

3.290e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total HpCB F7

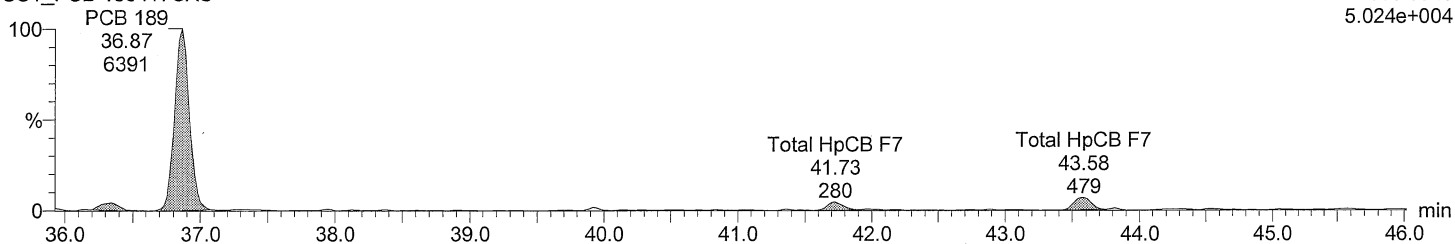
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F7:SIR of 18 channels,EI+

393.8025

5.024e+004



Total HpCB F7

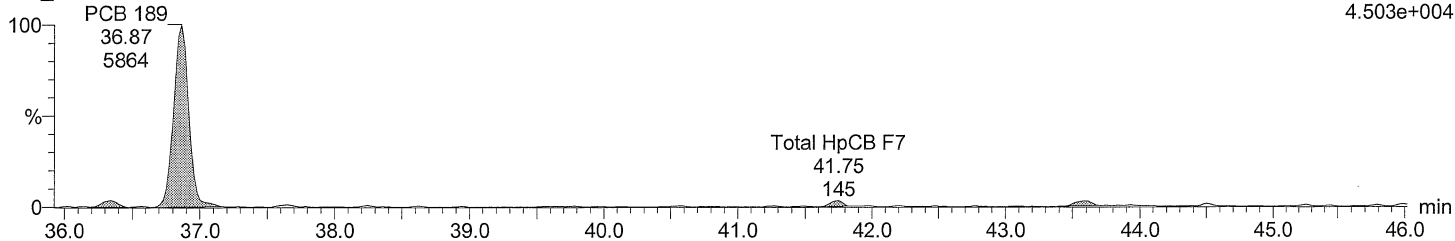
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F7:SIR of 18 channels,EI+

395.7995

4.503e+004



Total HpCB labeled F7

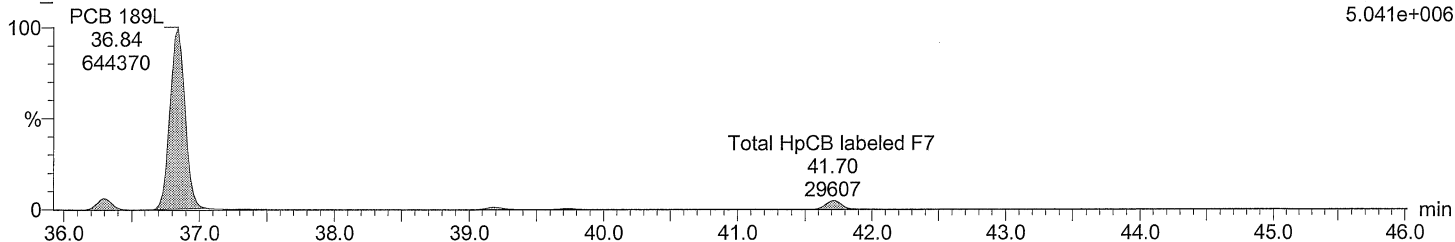
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F7:SIR of 18 channels,EI+

405.8428

5.041e+006



Total HpCB labeled F7

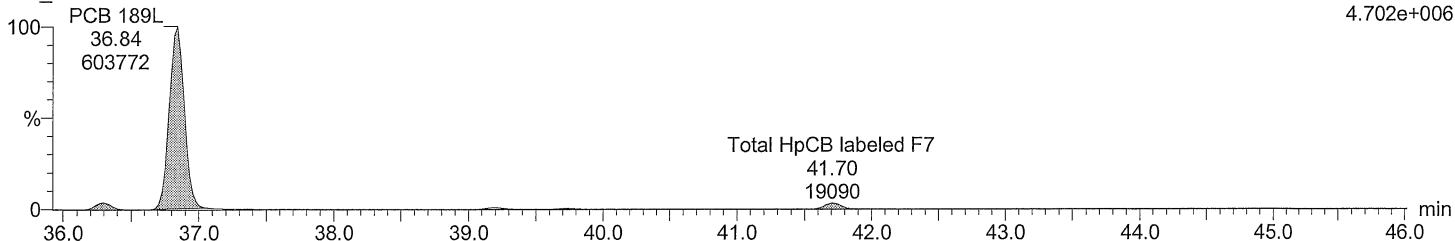
M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU

F7:SIR of 18 channels,EI+

407.8398

4.702e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

Time: 18:43:05

Instrument: Autospec-UltimaE

Total OcCB F6

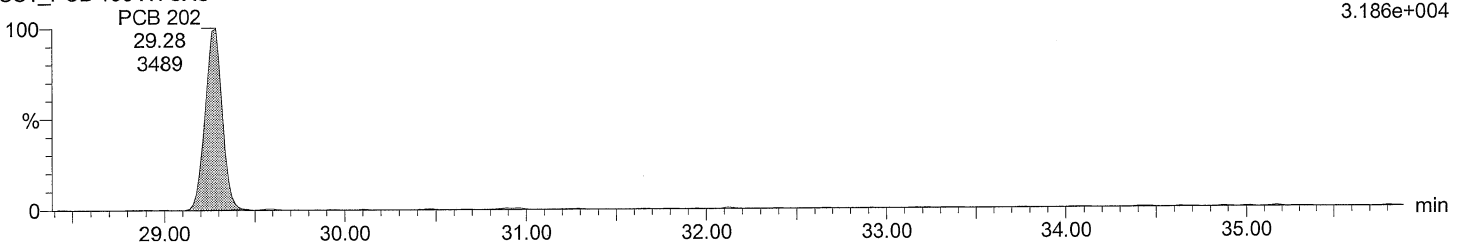
M2160211AS002 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS1_PCB 150417CXU

427.7635

3.186e+004



Total OcCB F6

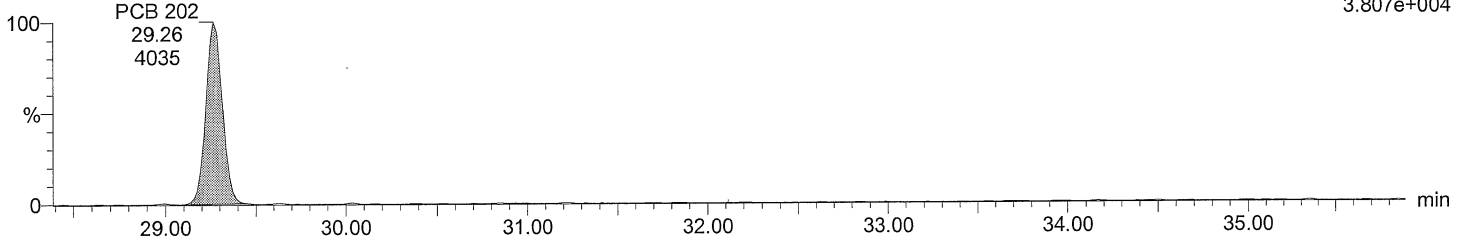
M2160211AS002 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS1_PCB 150417CXU

429.7606

3.807e+004



Total OcCB labeled F6

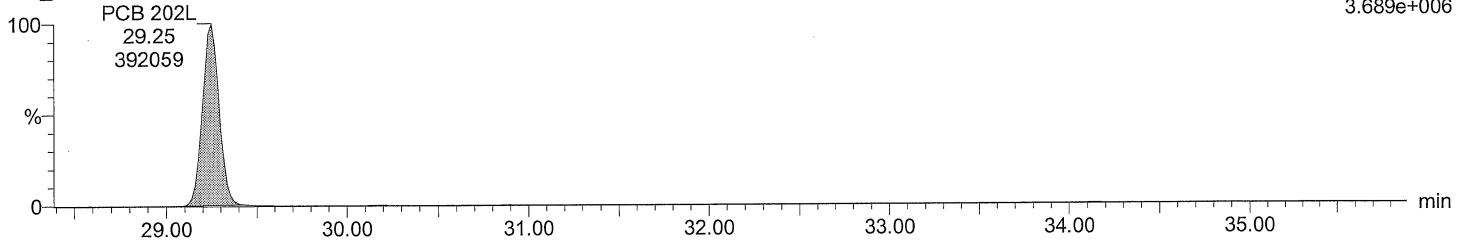
M2160211AS002 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS1_PCB 150417CXU

439.8038

3.689e+006



Total OcCB labeled F6

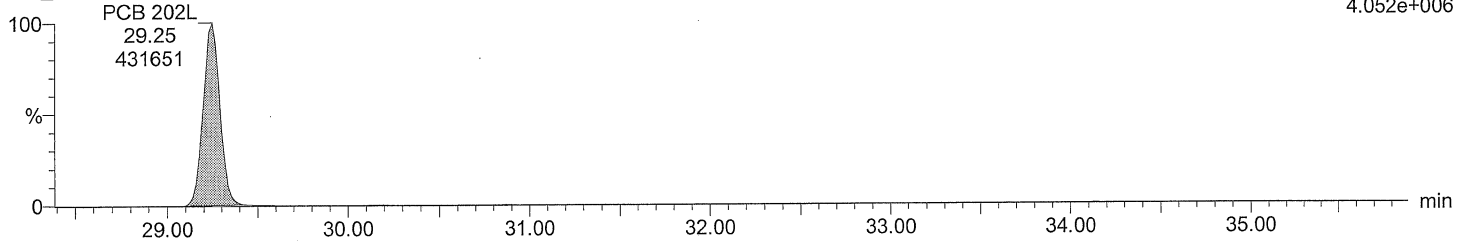
M2160211AS002 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS1_PCB 150417CXU

441.8008

4.052e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

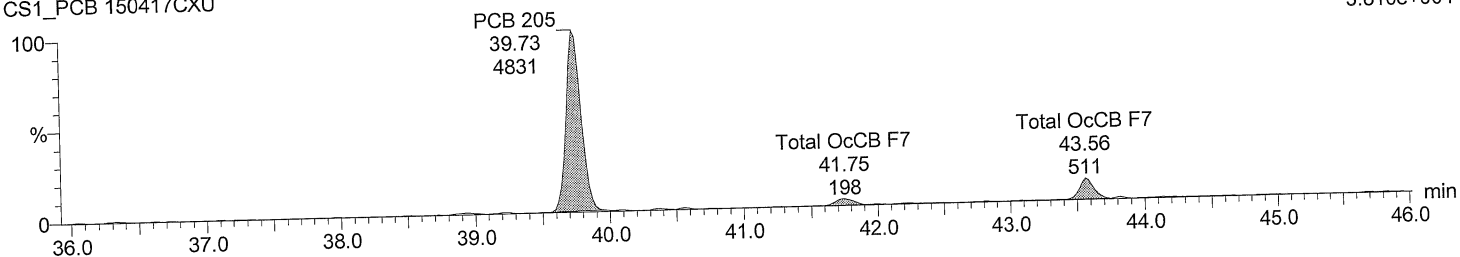
Time: 18:43:05

Instrument: Autospec-UltimaE

Total OcCB F7

M2160211AS002 Smooth(SG,3x1)
 CS1_PCB 150417CXU

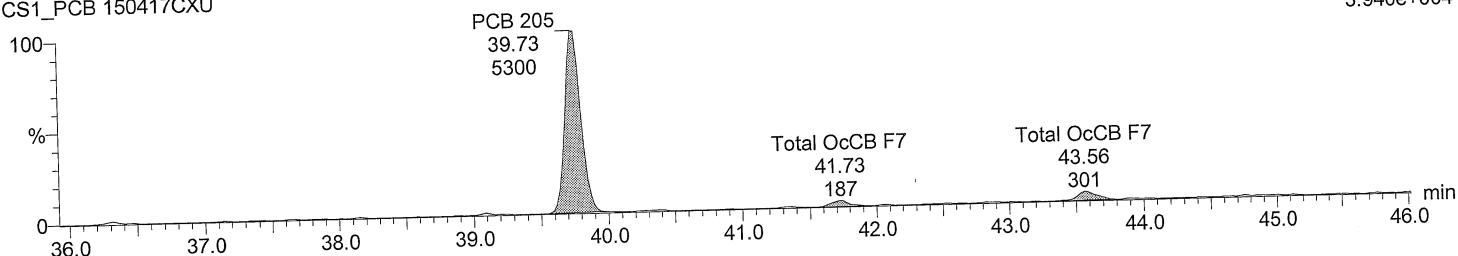
F7:SIR of 18 channels, EI+
 427.7635
 3.810e+004



Total OcCB F7

M2160211AS002 Smooth(SG,3x1)
 CS1_PCB 150417CXU

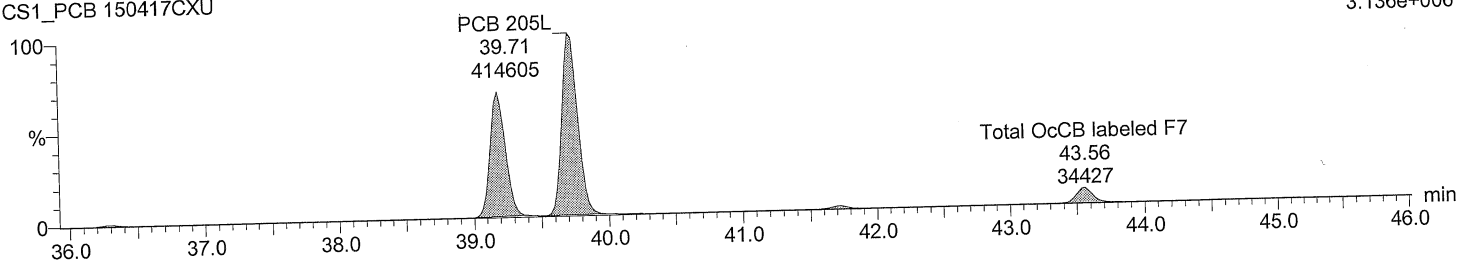
F7:SIR of 18 channels, EI+
 429.7606
 3.940e+004



Total OcCB labeled F7

M2160211AS002 Smooth(SG,3x1)
 CS1_PCB 150417CXU

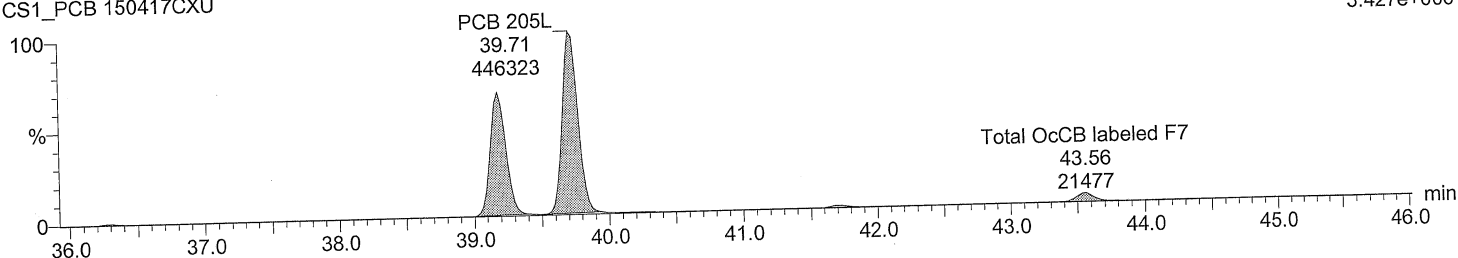
F7:SIR of 18 channels, EI+
 439.8038
 3.136e+006



Total OcCB labeled F7

M2160211AS002 Smooth(SG,3x1)
 CS1_PCB 150417CXU

F7:SIR of 18 channels, EI+
 441.8008
 3.427e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

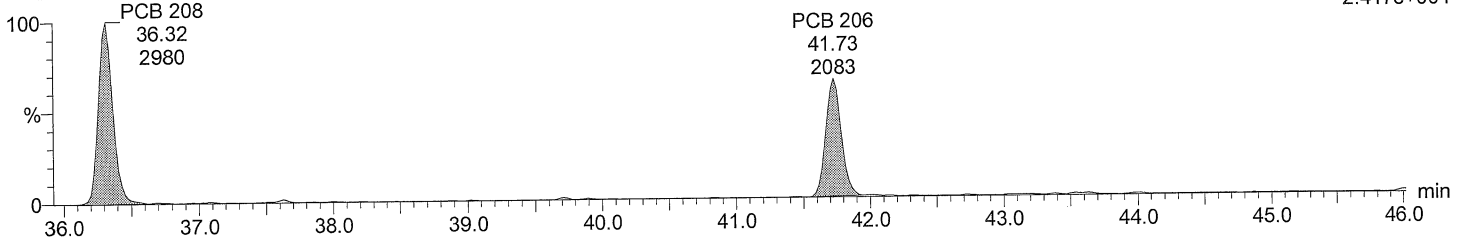
Time: 18:43:05

Instrument: Autospec-UltimaE

Total NoCB F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

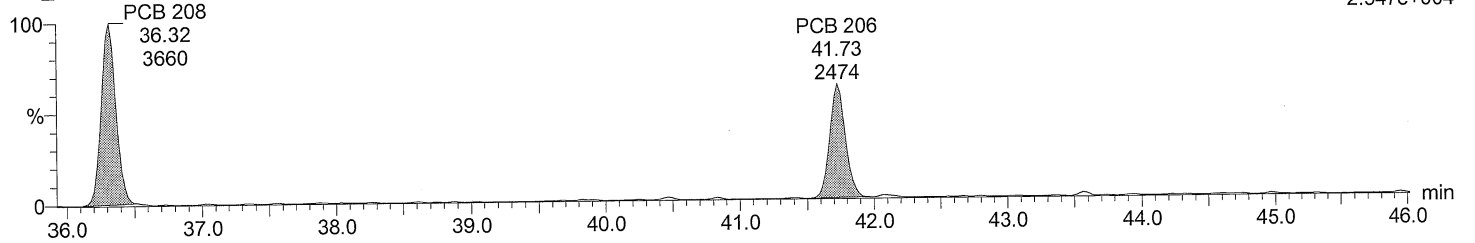
F7:SIR of 18 channels,EI+
461.7246
2.417e+004



Total NoCB F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

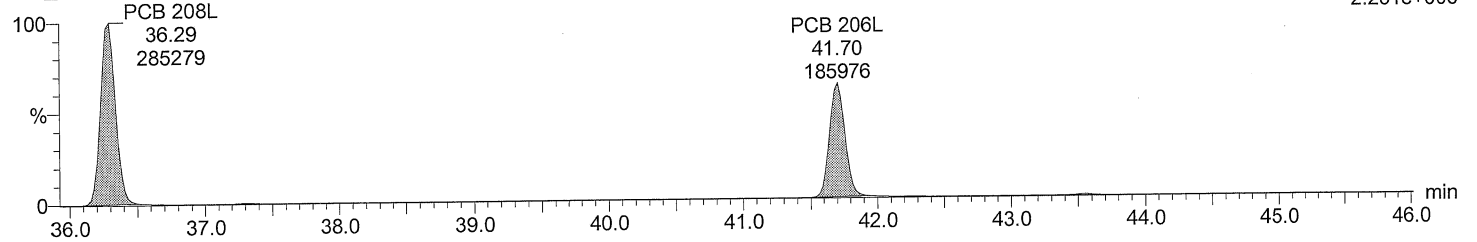
F7:SIR of 18 channels,EI+
463.7216
2.947e+004



Total NoCB labeled F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

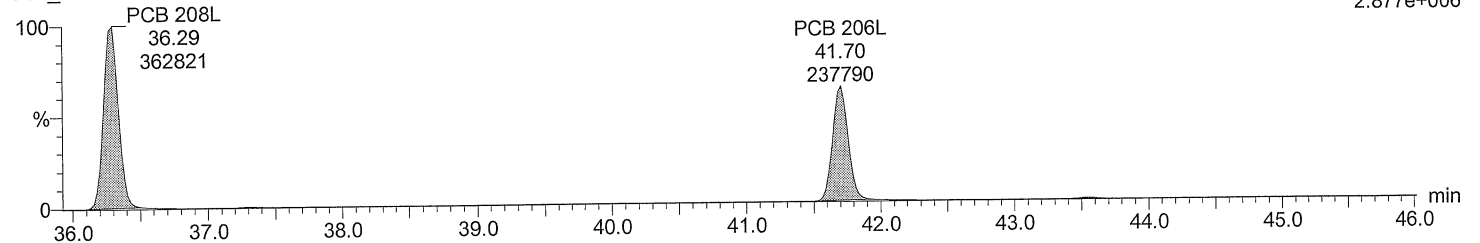
F7:SIR of 18 channels,EI+
473.7648
2.251e+006



Total NoCB labeled F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F7:SIR of 18 channels,EI+
475.7619
2.877e+006



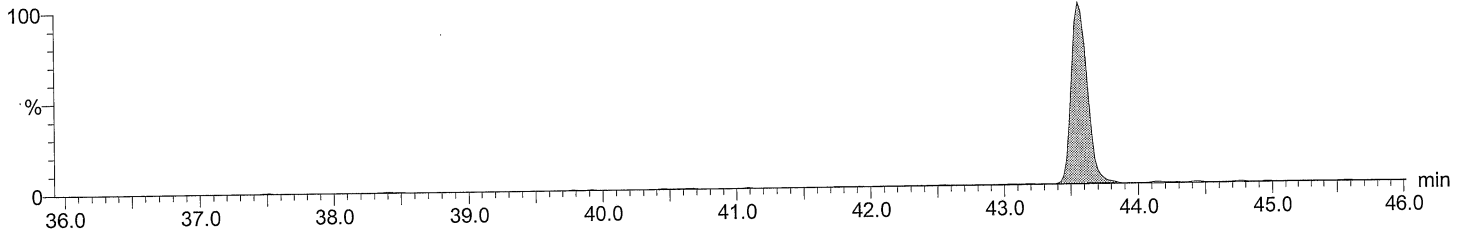
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU
Vial: 2
Date: 11-FEB-2016
Time: 18:43:05
Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

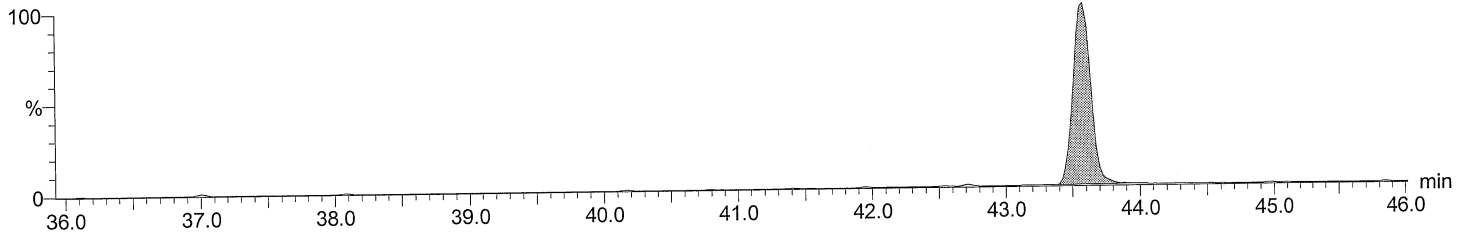
PCB 209
43.56
2505
F7:SIR of 18 channels,EI+
497.6826
1.865e+004



Total DeCB F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

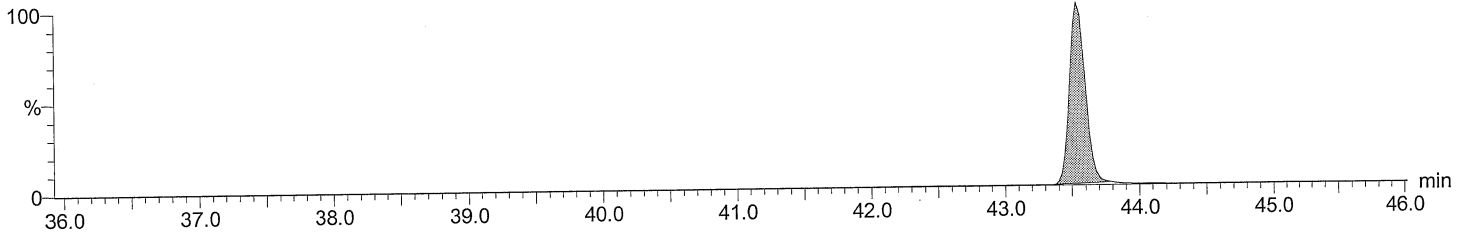
PCB 209
43.58
2100
F7:SIR of 18 channels,EI+
499.6797
1.419e+004



Total DeCB labeled F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

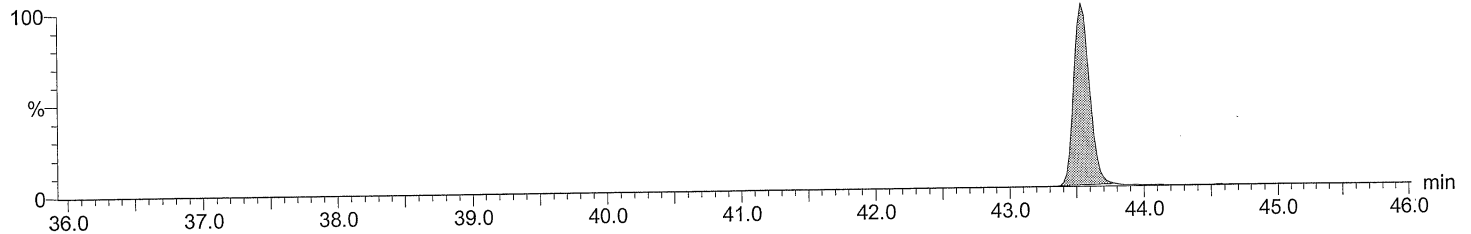
PCB 209L
43.54
220615
F7:SIR of 18 channels,EI+
509.7229
1.683e+006



Total DeCB labeled F7

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

PCB 209L
43.54
184915
F7:SIR of 18 channels,EI+
511.7199
1.391e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

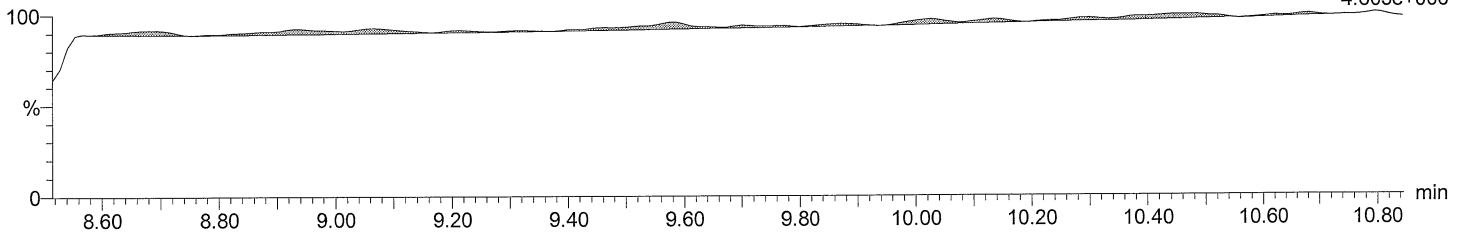
Time: 18:43:05

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

F1:SIR of 10 channels,EI+
218.9856
4.605e+006

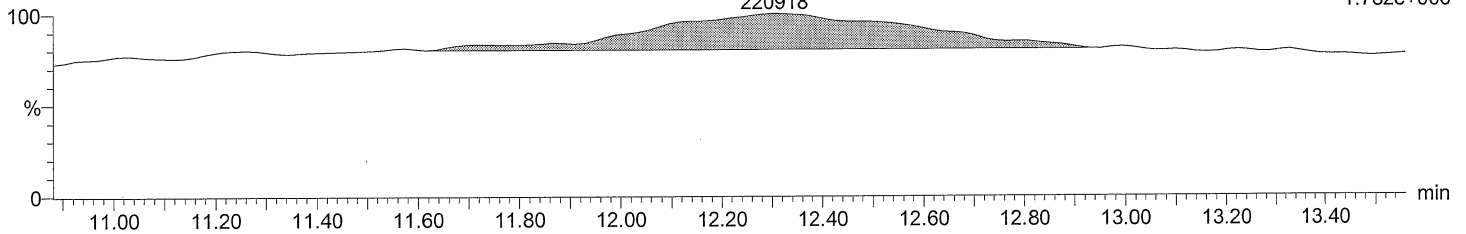


lockmass F2

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

lockmass F2
12.31
220918

F2:SIR of 16 channels,EI+
242.9856
1.782e+006

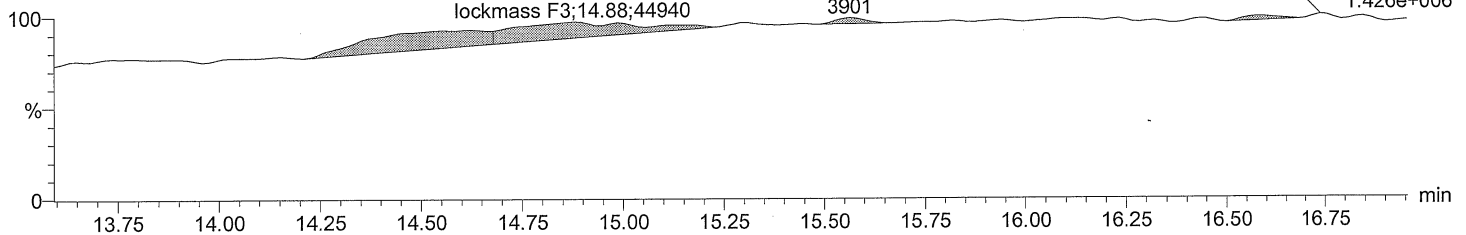


lockmass F3

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

lockmass F3
15.56
3901

F3:SIR of 14 channels,EI+
292.9824
1.426e+006

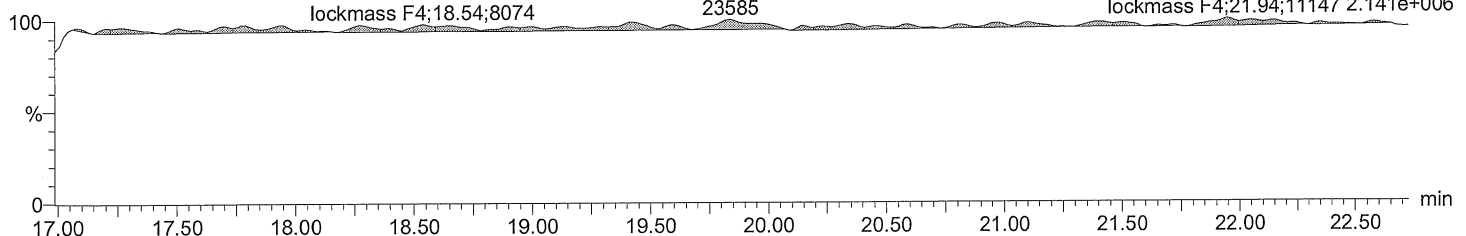


lockmass F4

M2160211AS002 Smooth(SG,3x1)
CS1_PCB 150417CXU

lockmass F4
19.84
23585

F4:SIR of 14 channels,EI+
330.9792
2.141e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS1_PCB 150417CXU

Vial: 2

Date: 11-FEB-2016

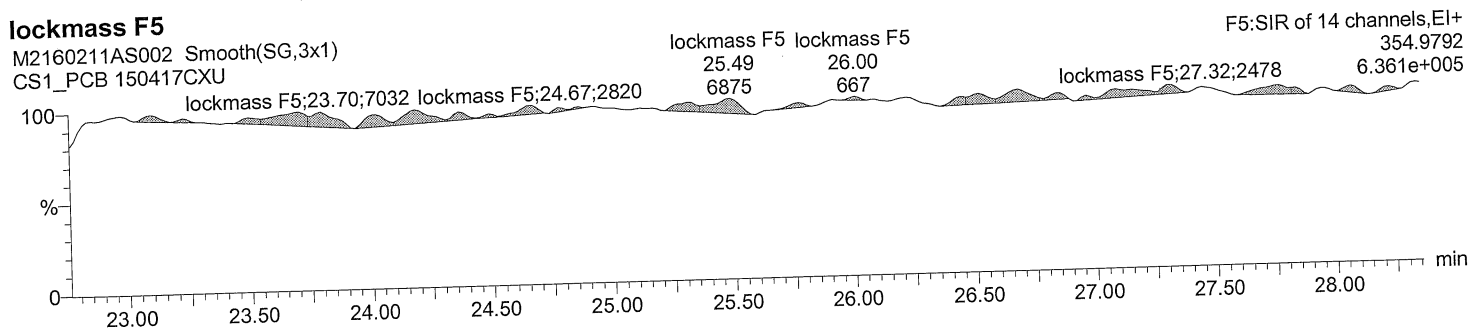
Time: 18:43:05

Instrument: Autospec-UltimaE

lockmass F5

M2160211AS002 Smooth(SG,3x1)

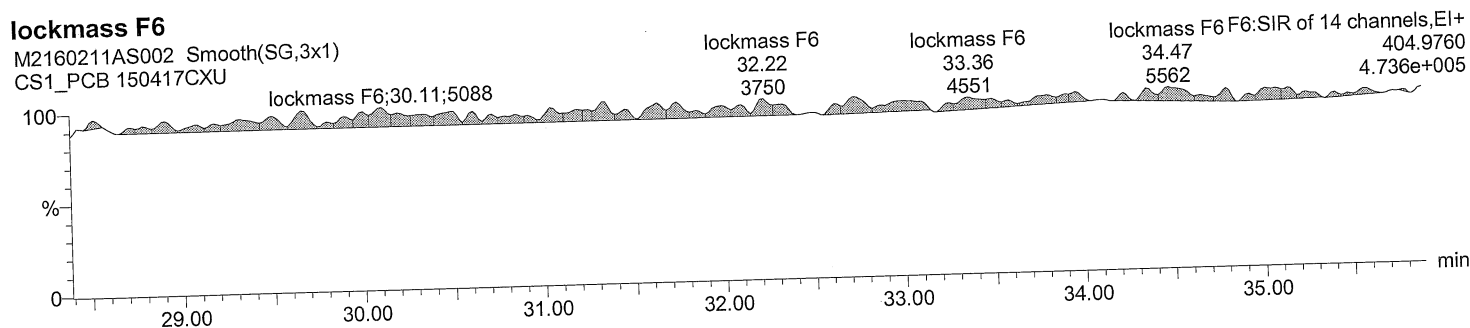
CS1_PCB 150417CXU



lockmass F6

M2160211AS002 Smooth(SG,3x1)

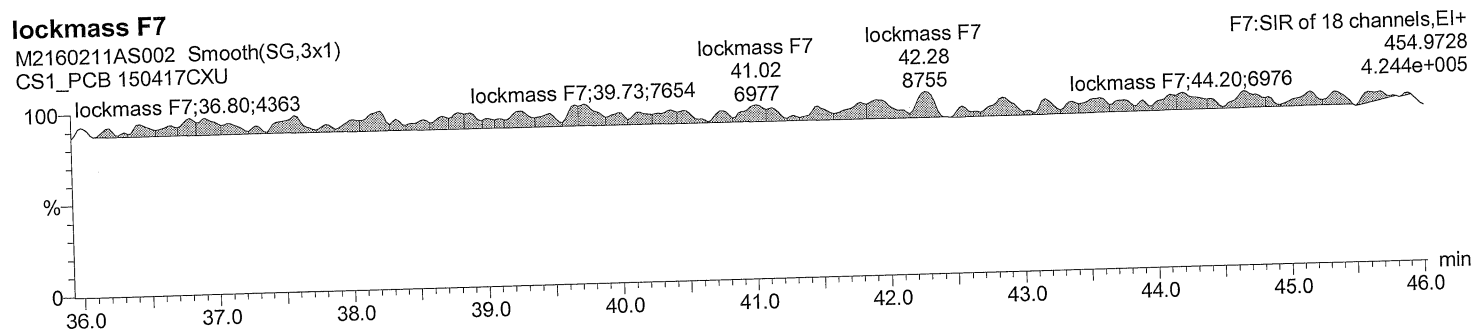
CS1_PCB 150417CXU



lockmass F7

M2160211AS002 Smooth(SG,3x1)

CS1_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Description: CS2_PCB 150417CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ui	%Dev	%Rec	IS#	RRF
1 PCB 1	8.99	1.001	55440	16814	3.30	YES	bb	4.770	-4.6	95	29	1.032
2 PCB 3	10.17	1.000	56173	16871	3.33	YES	bd	4.821	-3.6	96	30	1.040
3 PCB 4	10.29	1.000	24857	15945	1.56	YES	bb	4.639	-7.2	93	31	0.885
4 PCB 15	12.94	1.002	42885	28793	1.49	YES	bb	4.738	-5.2	95	32	0.825
5 PCB 19	11.67	1.000	20619	20403	1.01	YES	bb	4.580	-8.4	92	33	0.823
6 PCB 37	16.69	1.001	36944	36095	1.02	YES	bb	4.726	-5.5	95	34	0.856
7 PCB 54	13.07	1.002	21910	28289	0.77	YES	bb	4.739	-5.2	95	35	0.863
8 PCB 81	21.43	1.001	30510	40256	0.76	YES	bb	4.699	-6.0	94	36	0.965
9 PCB 77	21.88	1.001	30963	40139	0.77	YES	bd	4.654	-6.9	93	37	1.003
10 PCB 104	15.93	1.001	27793	17704	1.57	YES	bb	4.652	-7.0	93	38	1.018
11 PCB 123	23.52	1.002	37896	24096	1.57	YES	bd	4.647	-7.1	93	39	0.831
12 PCB 118	23.78	1.001	40840	26527	1.54	YES	db	4.769	-4.6	95	40	0.936
13 PCB 114	24.27	1.001	38790	24876	1.56	YES	bb	4.722	-5.6	94	41	0.954
14 PCB 105	24.84	1.001	38495	24289	1.59	YES	bb	4.688	-6.2	94	42	0.915
15 PCB 126	27.70	1.001	35890	24056	1.49	YES	bb	4.768	-4.6	95	43	0.931
16 PCB 155	19.62	1.001	24892	19409	1.28	YES	bb	4.528	-9.4	91	44	0.902
17 PCB 167	29.52	1.001	35366	28153	1.26	YES	db	4.681	-6.4	94	45	0.886
18 PCB 156/157	30.71	1.001	70282	53531	1.31	YES	bb	9.381	-6.2	94	46	0.954
19 PCB 169	34.11	1.000	32470	25074	1.29	YES	bd	4.747	-5.1	95	47	0.906
20 PCB 188	24.23	1.002	22569	20773	1.09	YES	bb	4.570	-8.6	91	48	0.925
21 PCB 193/180	32.12	1.001	20110	18906	1.06	YES	bb	4.548	-9.0	91	49	1.036
22 PCB 170	33.44	1.000	19369	18509	1.05	YES	bb	4.628	-7.4	93	50	1.176
23 PCB 189	36.85	1.001	26359	25947	1.02	YES	bb	4.693	-6.1	94	51	0.886
24 PCB 202	29.27	1.001	17026	18609	0.92	YES	bb	4.531	-9.4	91	52	0.895
25 PCB 205	39.74	1.001	20091	22621	0.89	YES	bb	4.655	-6.9	93	53	1.015
26 PCB 208	36.30	1.001	12808	16375	0.78	YES	bb	4.521	-9.6	90	54	0.925
27 PCB 206	41.71	1.001	8278	11115	0.75	YES	bb	4.578	-8.4	92	55	0.940
28 PCB 209	43.57	1.000	10352	8615	1.20	YES	bb	4.612	-7.8	92	56	0.959
29 PCB 1L	8.98	0.803	1071049	329051	3.26	YES	bb	102.744	2.7	103	63	0.846
30 PCB 3L	10.17	0.910	1071250	333436	3.21	YES	bb	99.625	-0.4	100	63	0.849
31 PCB 4L	10.29	0.920	563736	358327	1.57	YES	bb	102.724	2.7	103	63	0.557
32 PCB 15L	12.92	1.155	1069414	668526	1.60	YES	bb	97.793	-2.2	98	63	1.051
33 PCB 19L	11.67	1.043	510021	486577	1.05	YES	bb	104.191	4.2	104	63	0.602
34 PCB 37L	16.67	1.086	878923	827825	1.06	YES	bb	97.630	-2.4	98	64	1.939
35 PCB 54L	13.05	0.850	515777	647571	0.80	YES	bb	101.901	1.9	102	64	1.322
36 PCB 81L	21.42	1.395	652949	813455	0.80	YES	bb	95.885	-4.1	96	64	1.666
37 PCB 77L	21.86	1.424	628593	789750	0.80	YES	bb	96.105	-3.9	96	64	1.612
38 PCB 104L	15.92	0.805	552868	340790	1.62	YES	bb	100.070	0.1	100	65	1.156
39 PCB 123L	23.48	1.188	916091	575176	1.59	YES	bd	99.688	-0.3	100	65	1.930
40 PCB 118L	23.77	1.203	886689	552567	1.61	YES	db	97.729	-2.3	98	65	1.862
41 PCB 114L	24.25	1.227	823156	511517	1.61	YES	bb	97.425	-2.6	97	65	1.727
42 PCB 105L	24.82	1.256	846721	524874	1.61	YES	bb	97.396	-2.6	97	65	1.775
43 PCB 126L	27.69	1.401	789112	498162	1.58	YES	bb	95.987	-4.0	96	65	1.666
44 PCB 155L	19.60	0.738	549723	432043	1.27	YES	bb	97.189	-2.8	97	66	1.364
45 PCB 167L	29.51	1.111	802566	632012	1.27	YES	db	94.471	-5.5	94	66	1.993
46 PCB 156L/157L	30.67	1.155	1455123	1140171	1.28	YES	bb	187.719	-6.1	94	66	1.803
47 PCB 169L	34.09	1.283	709671	560306	1.27	YES	bb	93.546	-6.5	94	66	1.764
48 PCB 188L	24.19	0.911	482136	455093	1.06	YES	bb	97.954	-2.0	98	66	1.302

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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ID:

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Description: CS2_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
49	PCB 180L	32.10	0.820	389771	363473	1.07	YES	bb	97.510	-2.5	98	67	1.315
50	PCB 170L	33.43	0.853	336814	307150	1.10	YES	bb	95.261	-4.7	95	67	1.124
51	PCB 189L	36.83	0.940	606046	574876	1.05	YES	bb	95.565	-4.4	96	67	2.062
52	PCB 202L	29.24	0.747	377629	418732	0.90	YES	bb	97.944	-2.1	98	67	1.390
53	PCB 205L	39.72	1.014	404007	437304	0.92	YES	bb	95.913	-4.1	96	67	1.469
54	PCB 208L	36.28	0.926	276933	353719	0.78	YES	bb	96.625	-3.4	97	67	1.101
55	PCB 206L	41.69	1.064	180294	232312	0.78	YES	bb	94.834	-5.2	95	67	0.720
56	PCB 209L	43.55	1.112	217502	177976	1.22	YES	bb	95.318	-4.7	95	67	0.690
57	PCB 28L	14.40	0.938	1017116	978391	1.04	YES	db	111.195	11.2	111	64	2.268
58	PCB 111L	21.83	1.105	669285	418992	1.60	YES	bb	104.860	4.9	105	65	1.408
59	PCB 178L	26.99	1.016	285921	265838	1.08	YES	bb	104.597	4.6	105	66	0.767
60	PCB 31L	14.24	0.927	882410	827480	1.07	YES	bd	100.450	0.4	100	64	1.943
61	PCB 95L	17.73	0.897	458483	283965	1.62	YES	bb	101.543	1.5	102	65	0.961
62	PCB 153L	25.41	0.956	496257	382157	1.30	YES	bb	99.620	-0.4	100	66	1.220
63	PCB 9L	11.19	0.000	1020450	633739	1.61	YES	bb	88.196	-11.8	88	0	16541...
64	PCB 52L	15.36	0.000	387643	492369	0.79	YES	bb	89.289	-10.7	89	0	8800....
65	PCB 101L	19.76	0.000	477604	295151	1.62	YES	bb	87.002	-13.0	87	0	7727....
66	PCB 138L	26.56	0.000	406950	312788	1.30	YES	bb	89.158	-10.8	89	0	7197....
67	PCB 194L	39.17	0.000	275420	297399	0.93	YES	bb	87.706	-12.3	88	0	5728....
68	Total MoCB F1								9.591			29	
69	Total MoCB labeled ...								202.370			63	
70	Total DiCB F1								4.639			31	
71	Total DiCB labeled F1								102.724			63	
72	Total DiCB F2								4.738			32	
73	Total DiCB labeled F2								185.989			63	
74	Total TriCB F2								4.580			33	
75	Total TriCB labeled F2								104.191			63	
76	Total TriCB F3								4.726			34	
77	Total TriCB labeled F3								309.275			64	
78	Total TeCB F2								4.739			35	
79	Total TeCB labeled F2								101.901			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								89.289			64	
82	Total TeCB F4								9.353			36	
83	Total TeCB labeled F4								191.990			64	
84	Total PeCB F3								4.652			38	
85	Total PeCB labeled F3								100.070			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								293.405			65	
88	Total PeCB F5								23.594			39	
89	Total PeCB labeled F5								488.225			65	
90	Total HxCB F4								4.528			44	
91	Total HxCB labeled F4								97.189			66	
92	Total HxCB F5											45	
93	Total HxCB labeled F5								188.778			66	
94	Total HxCB F6								18.810			45	
95	Total HxCB labeled F6								375.736			66	
96	Total HpCB F5								4.570			48	

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ID:

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Description: CS2_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
97	Total HpCB labeled ...								202.551			67	
98	Total HpCB F6								9.176			49	
99	Total HpCB labeled ...								192.771			67	
100	Total HpCB F7								4.693			51	
101	Total HpCB labeled ...								95.565			67	
102	Total OcCB F6								4.531			52	
103	Total OcCB labeled ...								97.944			67	
104	Total OcCB F7								4.655			53	
105	Total OcCB labeled ...								183.619			67	
106	Total NoCB F7								9.100			54	
107	Total NoCB labeled ...								191.459			67	
108	Total DeCB F7								4.612			56	
109	Total DeCB labeled ...								95.318			67	
110	lockmass F1											0	
111	lockmass F2											0	
112	lockmass F3											0	
113	lockmass F4											0	
114	lockmass F5											0	
115	lockmass F6											0	
116	lockmass F7											0	

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

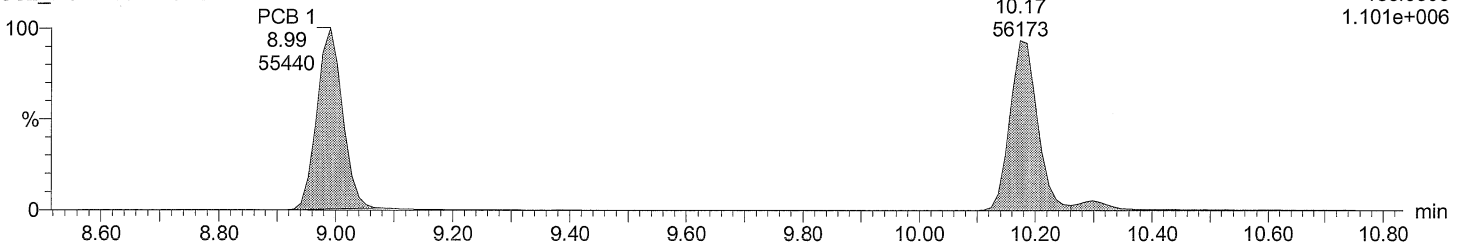
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

Total MoCB F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

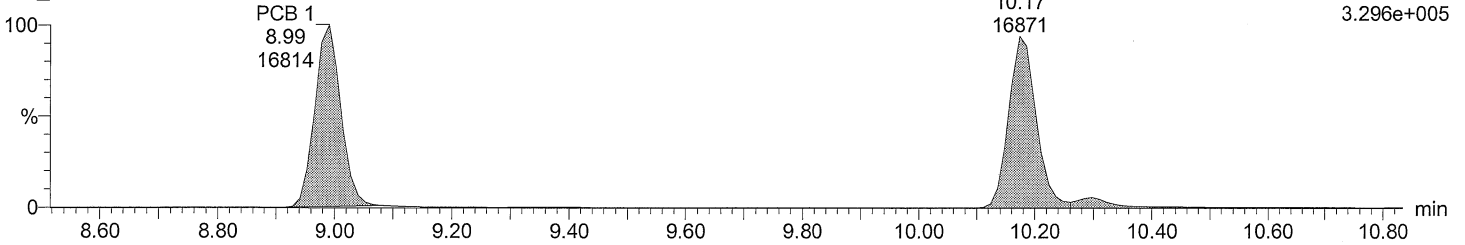
F1:SIR of 10 channels,EI+
188.0393
1.101e+006



Total MoCB F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

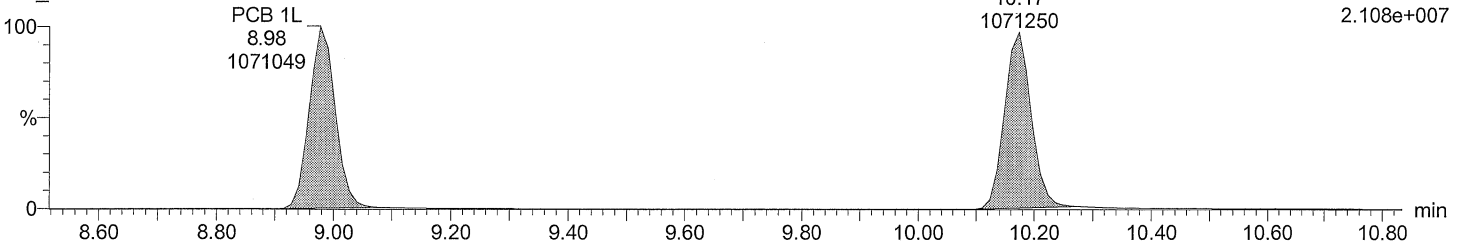
F1:SIR of 10 channels,EI+
190.0363
3.296e+005



Total MoCB labeled F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

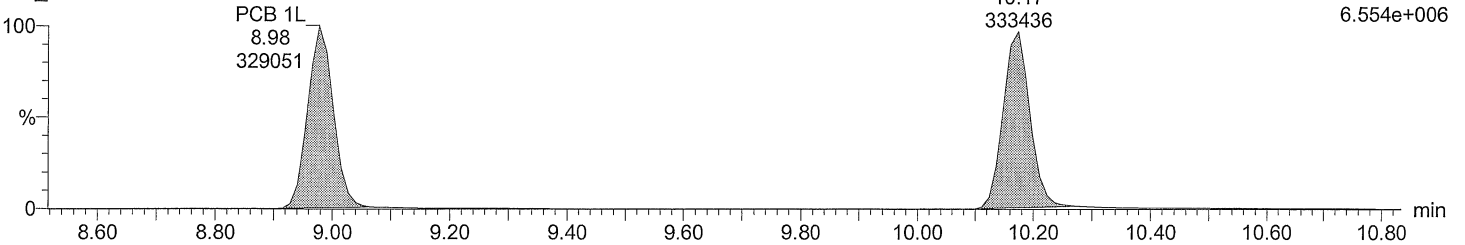
F1:SIR of 10 channels,EI+
200.0795
2.108e+007



Total MoCB labeled F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F1:SIR of 10 channels,EI+
202.076
6.554e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

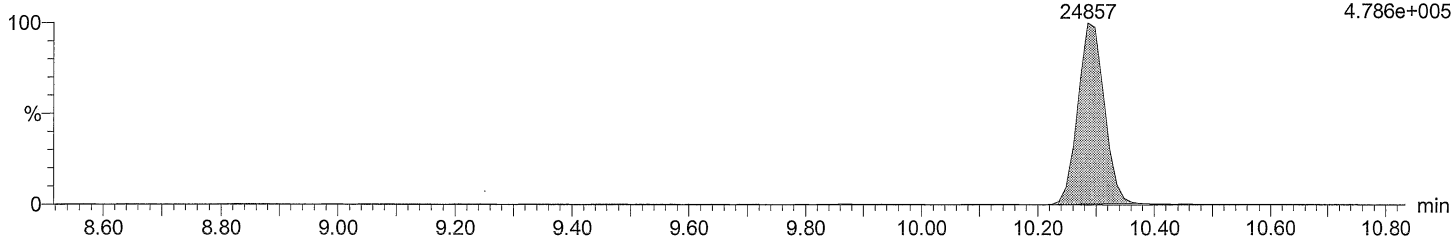
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
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Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

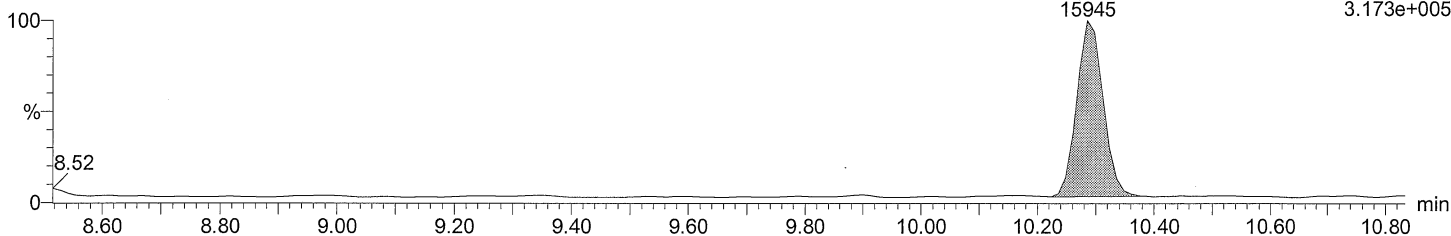
PCB 4
10.29
24857
F1:SIR of 10 channels,EI+
222.0003
4.786e+005



Total DiCB F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

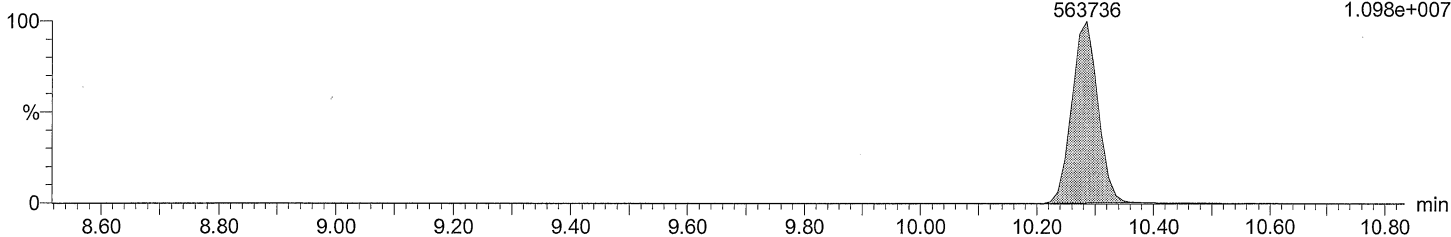
PCB 4
10.29
15945
F1:SIR of 10 channels,EI+
223.9974
3.173e+005



Total DiCB labeled F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

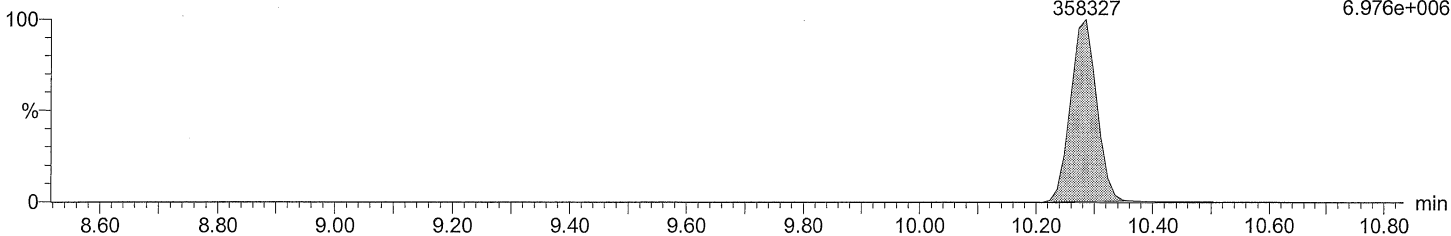
PCB 4L
10.29
563736
F1:SIR of 10 channels,EI+
234.0406
1.098e+007



Total DiCB labeled F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 4L
10.29
358327
F1:SIR of 10 channels,EI+
236.0376
6.976e+006



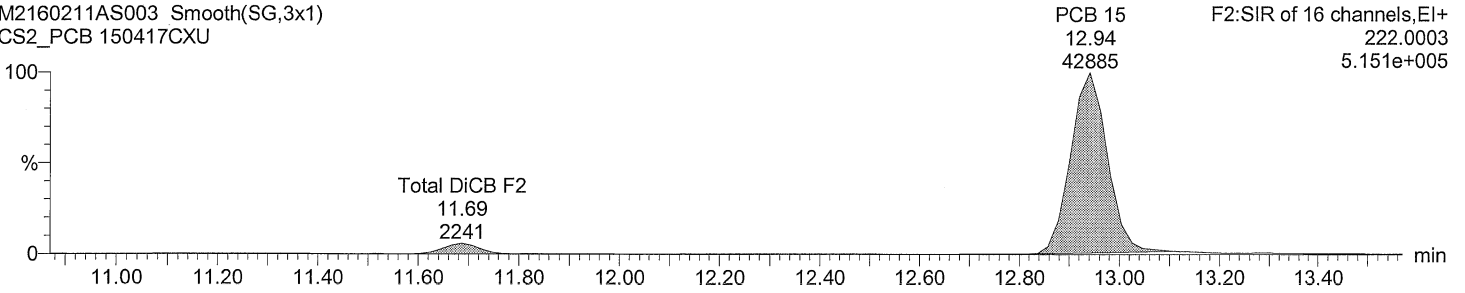
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
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Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

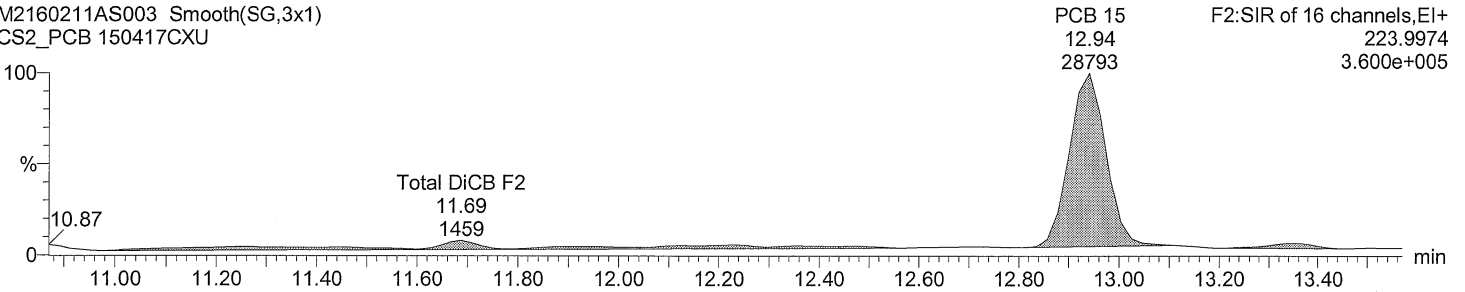
Total DiCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



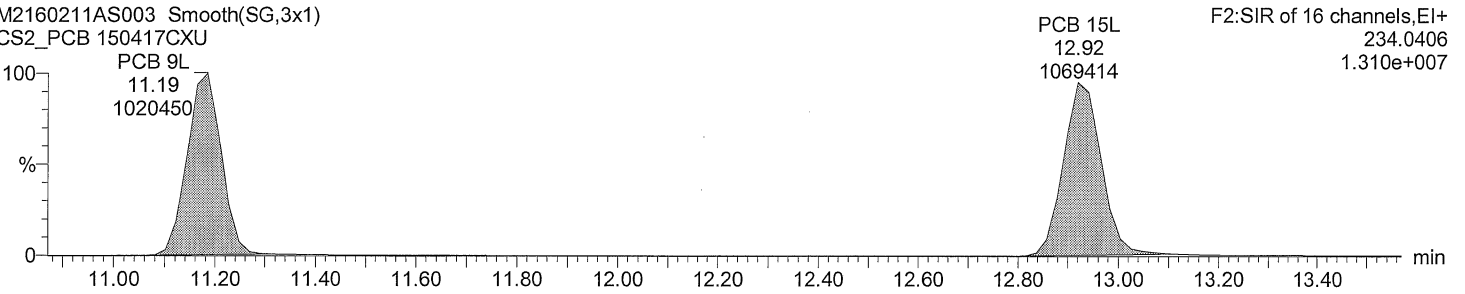
Total DiCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



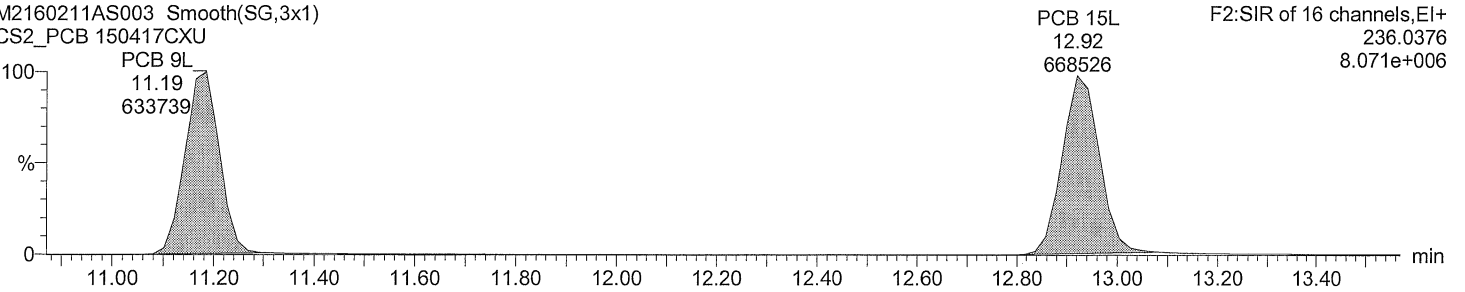
Total DiCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



Total DiCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

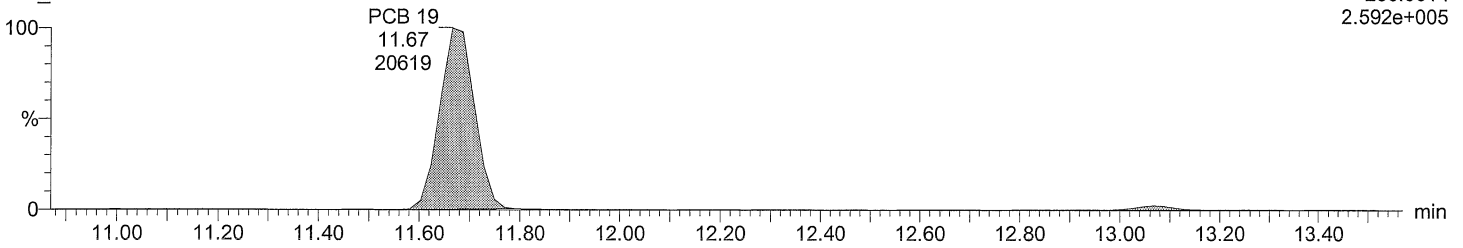
Time: 19:33:17

Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

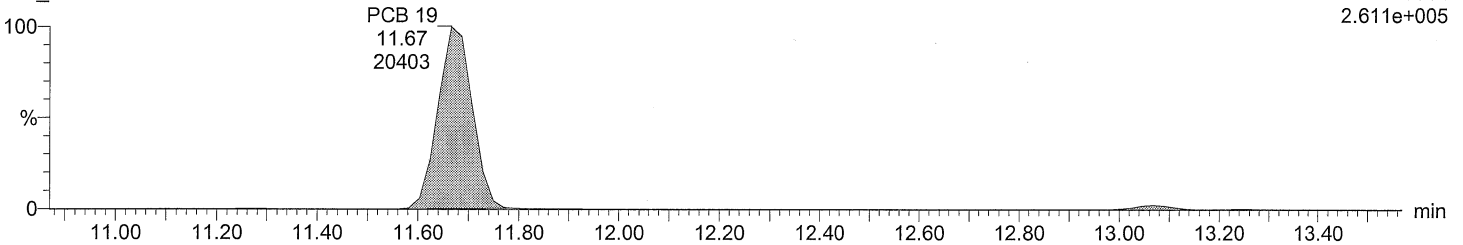
F2:SIR of 16 channels,EI+
255.9614
2.592e+005



Total TriCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

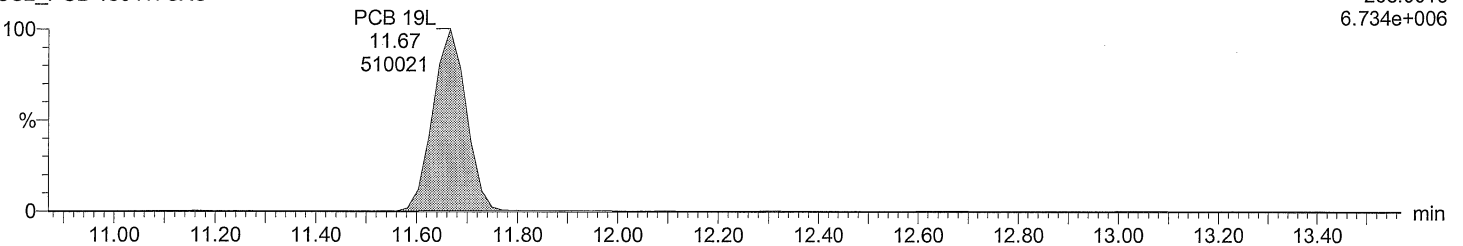
F2:SIR of 16 channels,EI+
257.9584
2.611e+005



Total TriCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

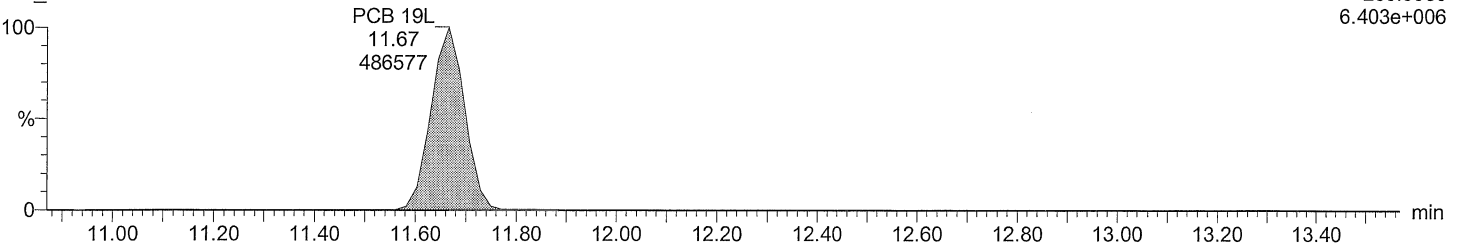
F2:SIR of 16 channels,EI+
268.0016
6.734e+006



Total TriCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F2:SIR of 16 channels,EI+
269.9986
6.403e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

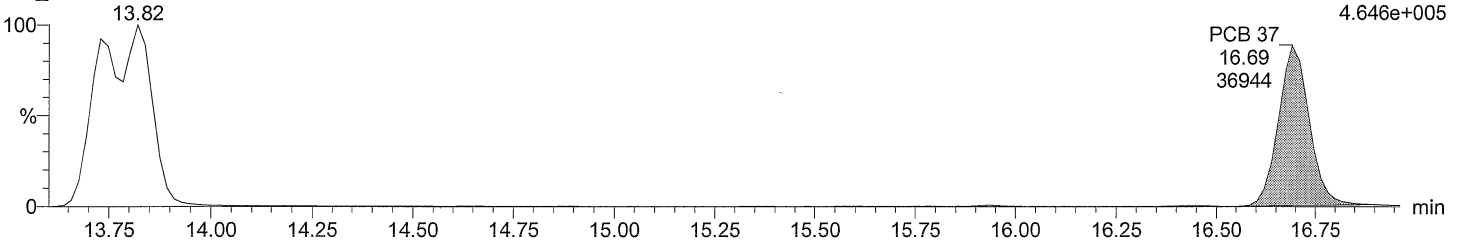
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

Total TriCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

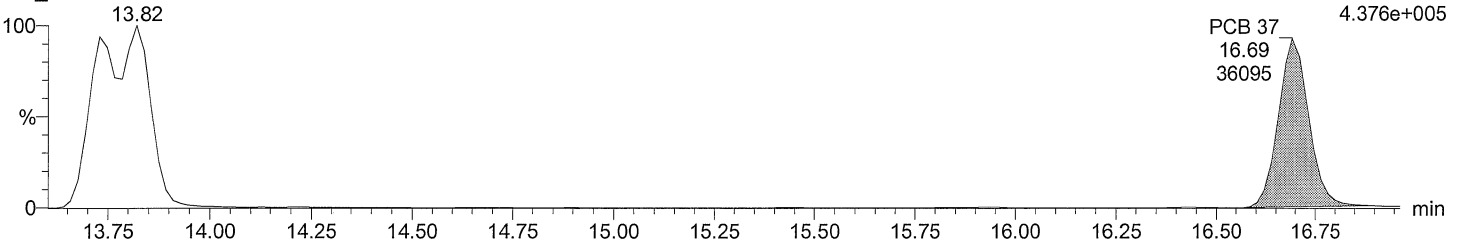
F3:SIR of 14 channels,EI+
255.9614
4.646e+005



Total TriCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

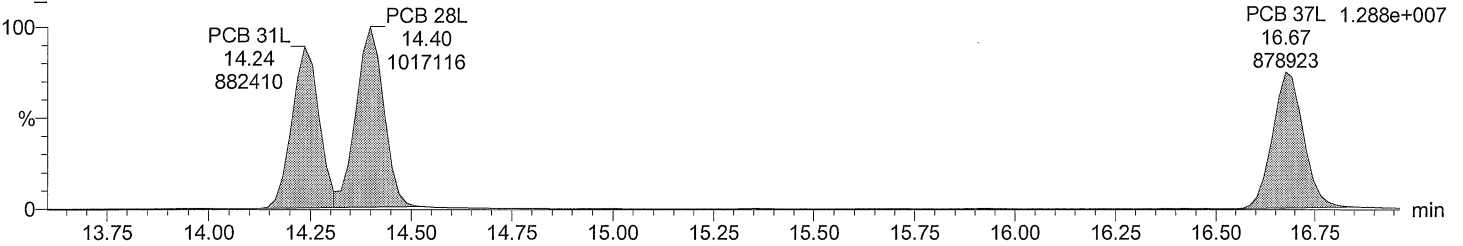
F3:SIR of 14 channels,EI+
257.9584
4.376e+005



Total TriCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

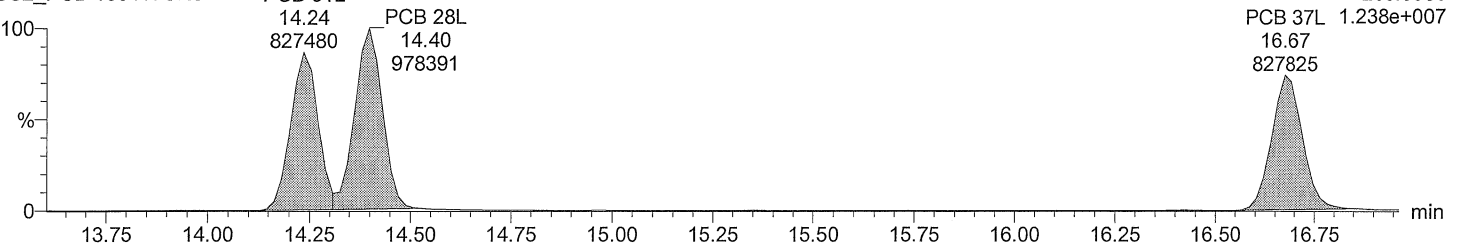
F3:SIR of 14 channels,EI+
268.0016
1.288e+007



Total TriCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F3:SIR of 14 channels,EI+
269.9986
1.238e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

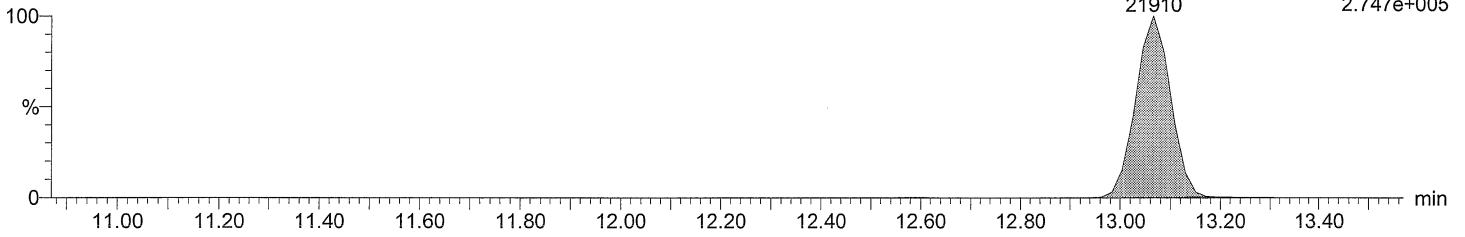
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

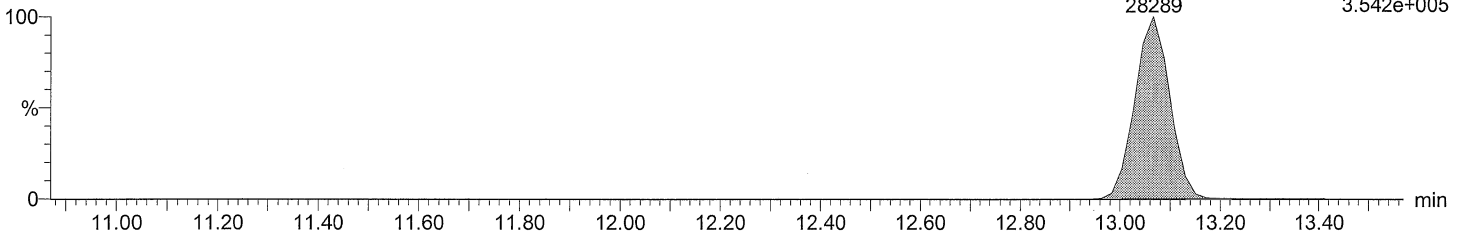
PCB 54 F2:SIR of 16 channels,EI+
13.07 289.9224
21910 2.747e+005



Total TeCB F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

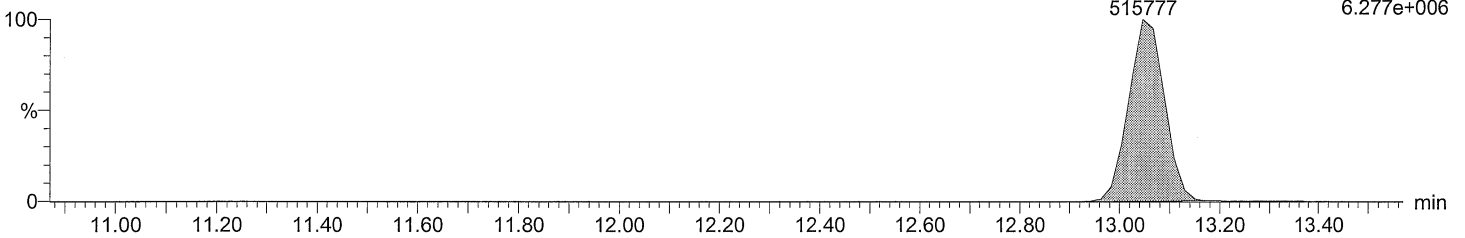
PCB 54 F2:SIR of 16 channels,EI+
13.07 291.9194
28289 3.542e+005



Total TeCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

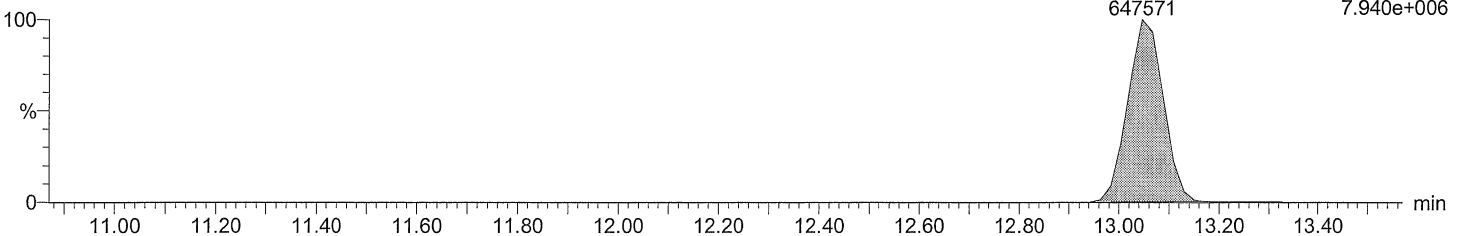
PCB 54L F2:SIR of 16 channels,EI+
13.05 301.9626
515777 6.277e+006



Total TeCB labeled F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+
13.05 303.9597
647571 7.940e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

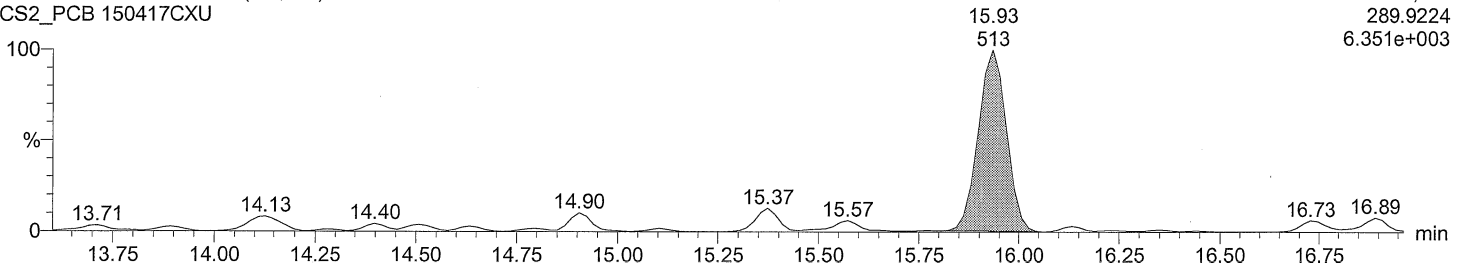
Instrument: Autospec-UltimaE

Total TeCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

Total TeCB F3

F3:SIR of 14 channels,EI+
289.9224
6.351e+003

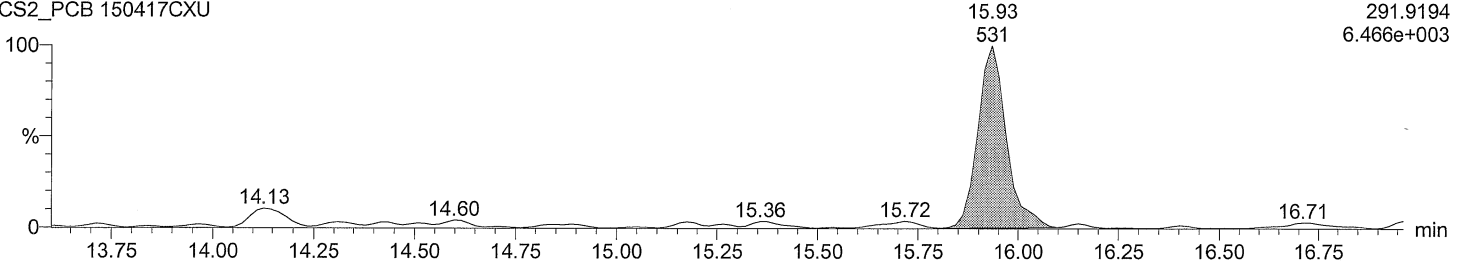


Total TeCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

Total TeCB F3

F3:SIR of 14 channels,EI+
291.9194
6.466e+003

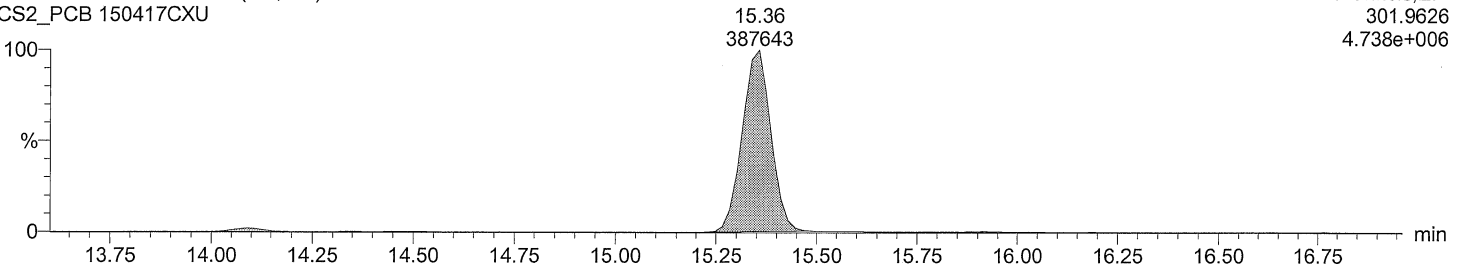


Total TeCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 52L

F3:SIR of 14 channels,EI+
301.9626
4.738e+006

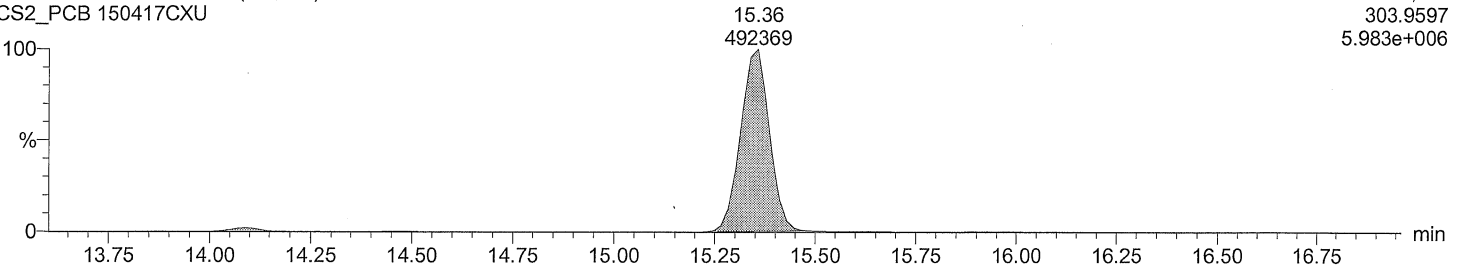


Total TeCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 52L

F3:SIR of 14 channels,EI+
303.9597
5.983e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

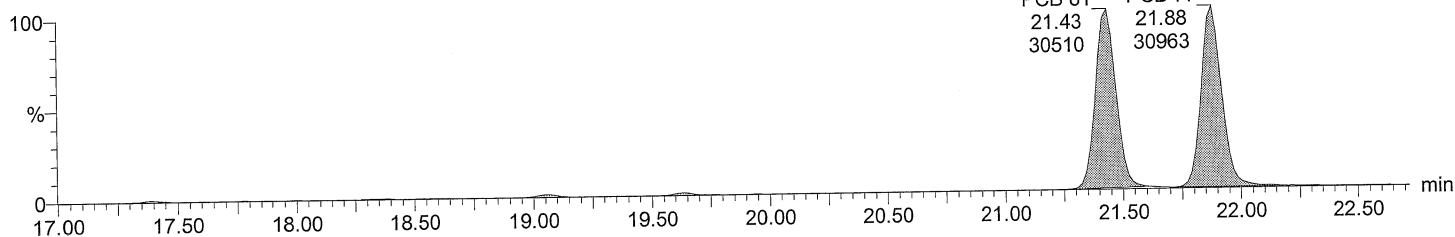
Time: 19:33:17

Instrument: Autospec-UltimaE

Total TeCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

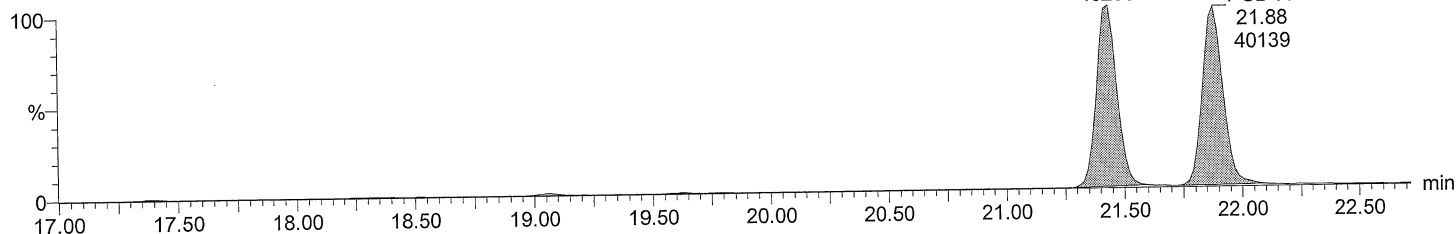
F4:SIR of 14 channels,EI+
289.9224
3.104e+005



Total TeCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

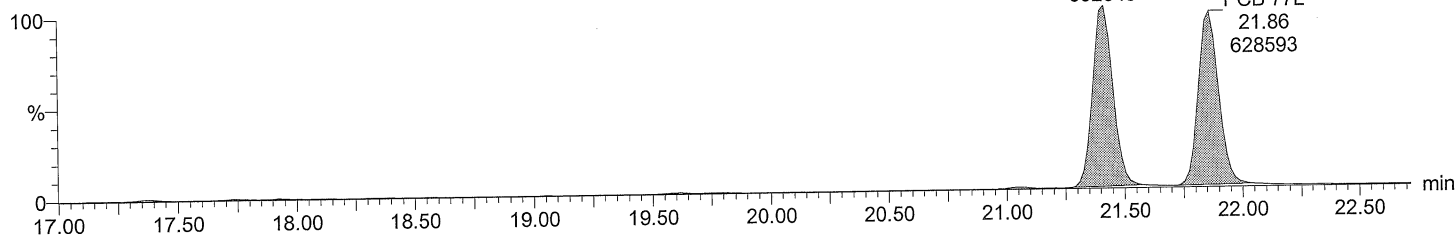
F4:SIR of 14 channels,EI+
291.9194
4.099e+005



Total TeCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

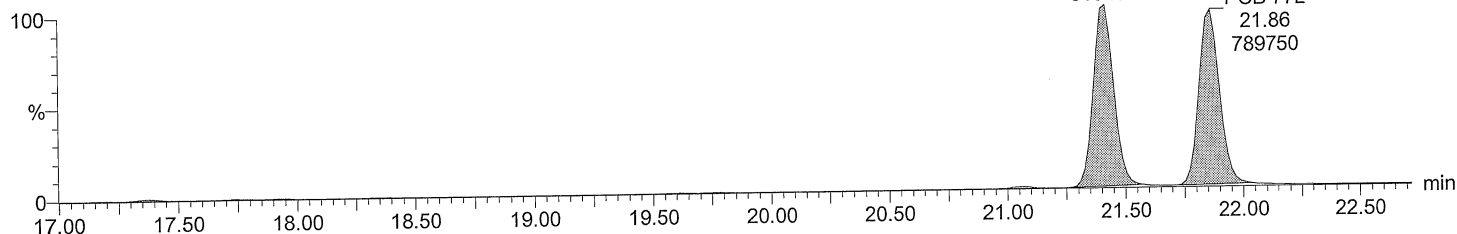
F4:SIR of 14 channels,EI+
301.9626
6.669e+006



Total TeCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F4:SIR of 14 channels,EI+
303.9597
8.263e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

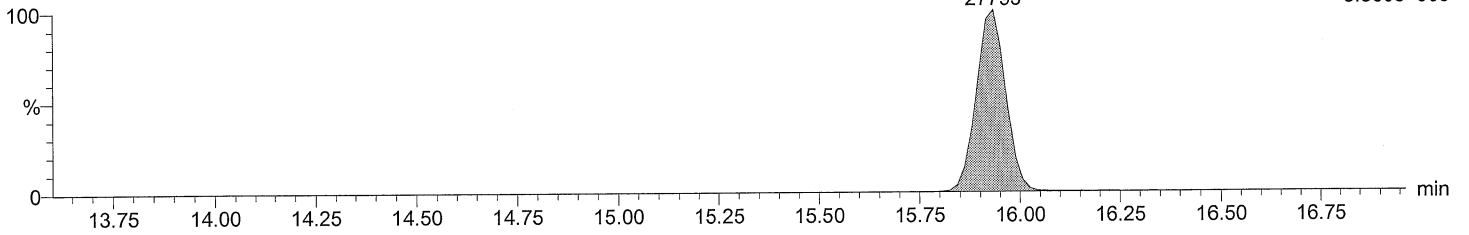
Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 104
15.93
27793

F3:SIR of 14 channels,EI+
325.8805
3.300e+005

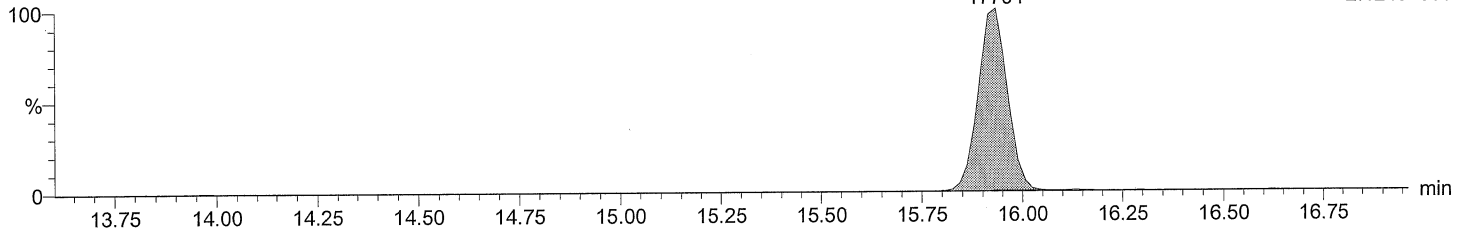


Total PeCB F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 104
15.93
17704

F3:SIR of 14 channels,EI+
327.8775
2.124e+005

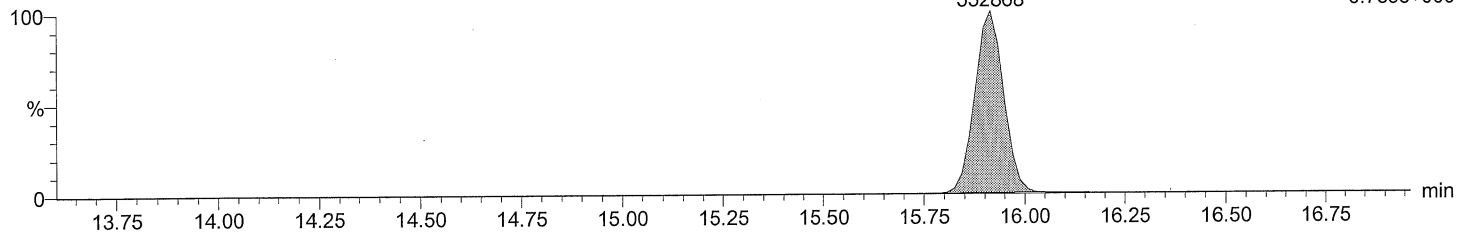


Total PeCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 104L
15.92
552868

F3:SIR of 14 channels,EI+
337.9207
6.735e+006

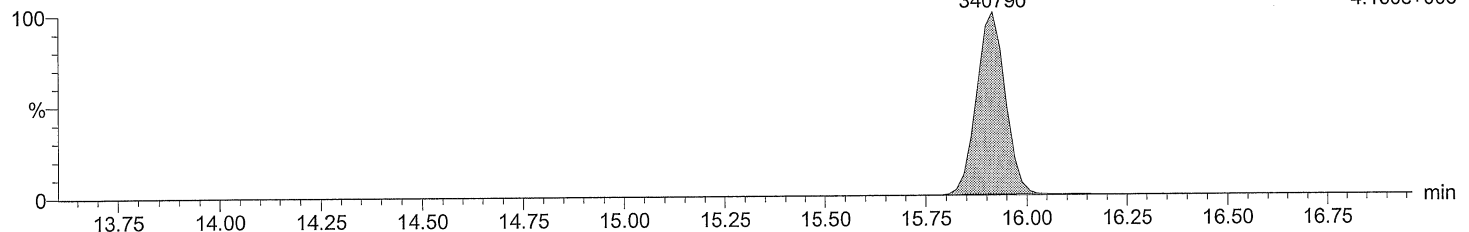


Total PeCB labeled F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 104L
15.92
340790

F3:SIR of 14 channels,EI+
339.9178
4.150e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

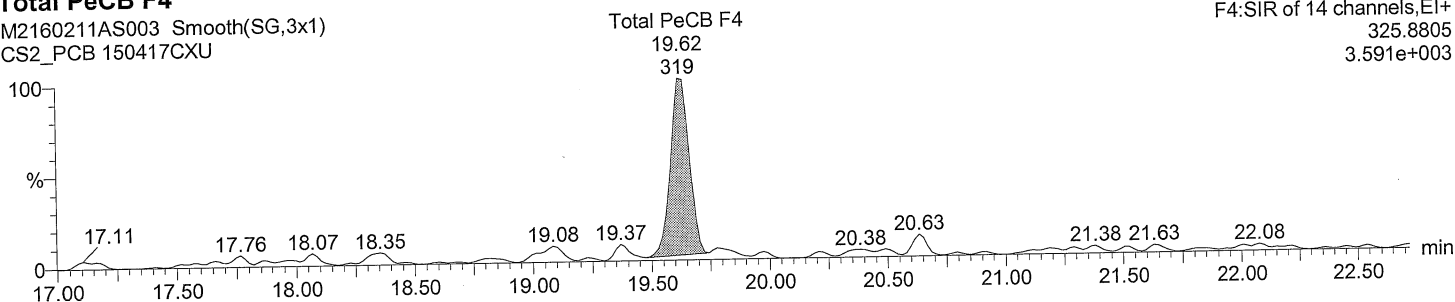
Time: 19:33:17

Instrument: Autospec-UltimaE

Total PeCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

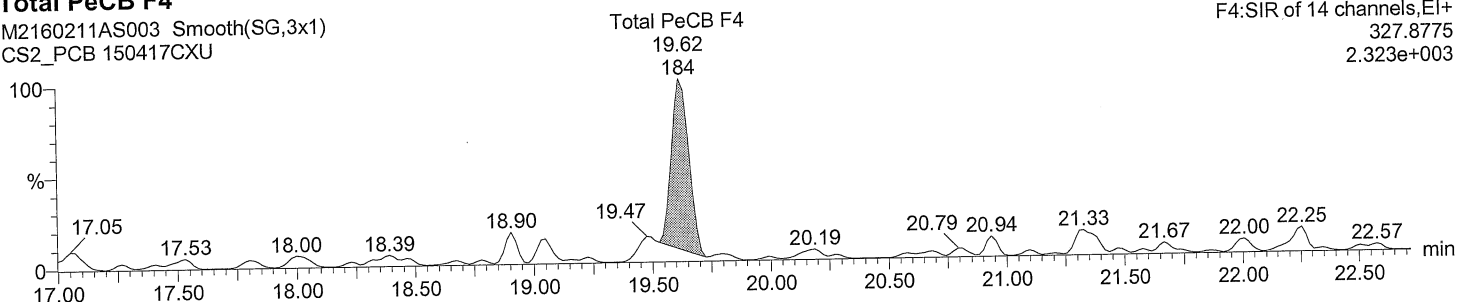
F4:SIR of 14 channels,EI+
325.8805
3.591e+003



Total PeCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

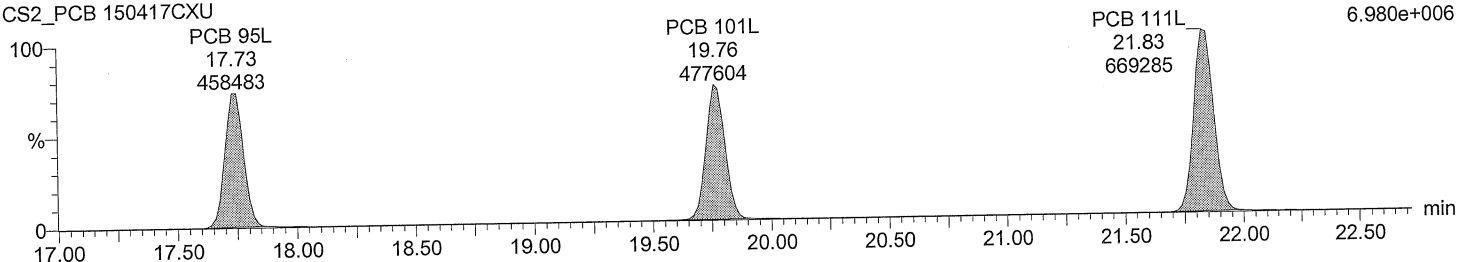
F4:SIR of 14 channels,EI+
327.8775
2.323e+003



Total PeCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

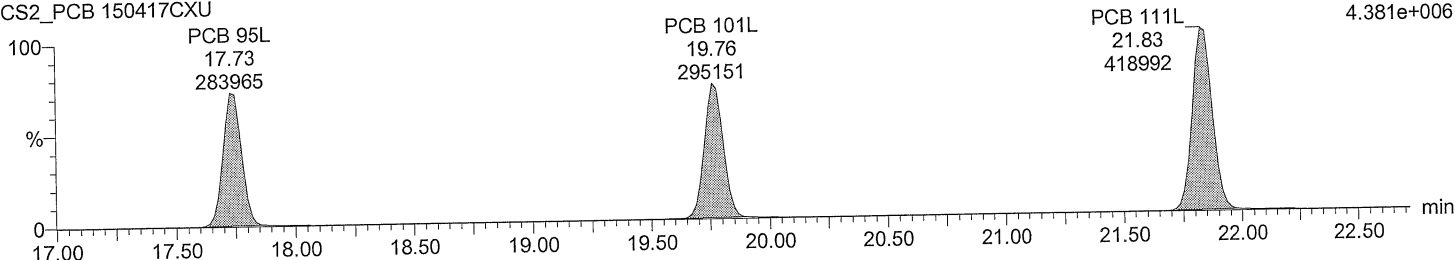
F4:SIR of 14 channels,EI+
337.9207
6.980e+006



Total PeCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F4:SIR of 14 channels,EI+
339.9178
4.381e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

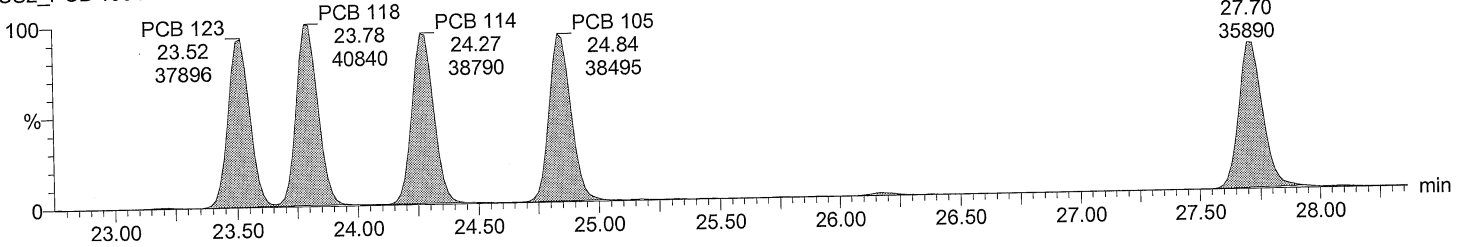
Time: 19:33:17

Instrument: Autospec-UltimaE

Total PeCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

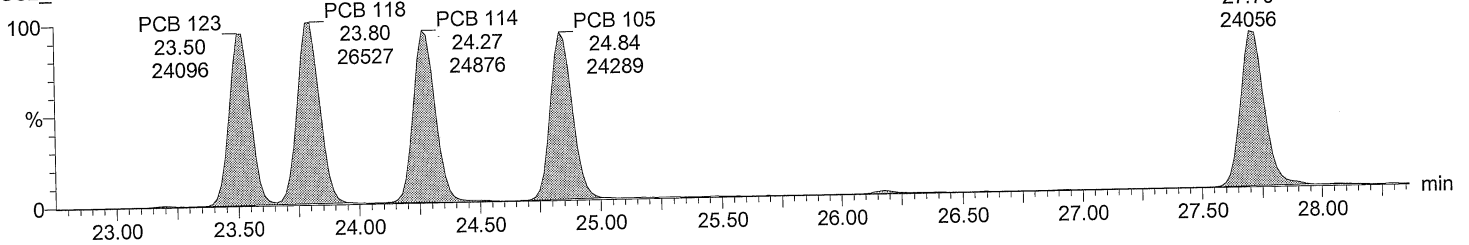
F5:SIR of 14 channels,EI+
PCB 126 325.8805
27.70 4.014e+005



Total PeCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

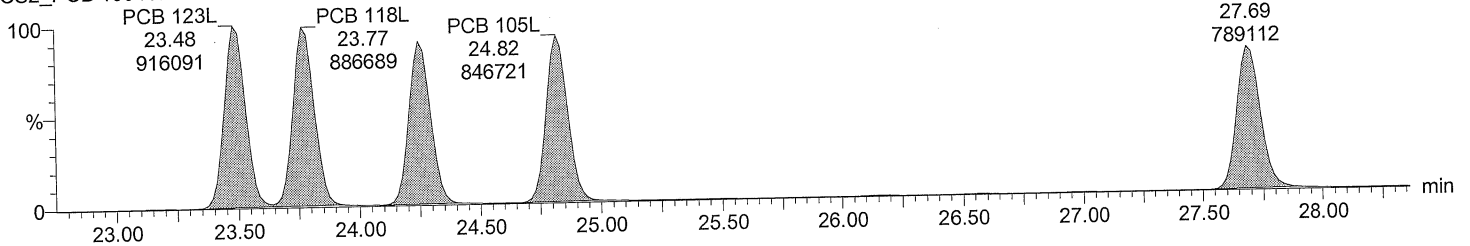
F5:SIR of 14 channels,EI+
PCB 126 327.8775
27.70 2.536e+005



Total PeCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

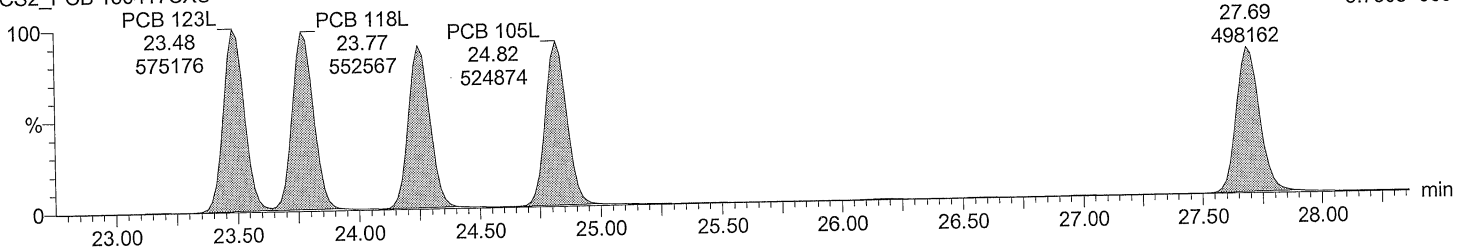
F5:SIR of 14 channels,EI+
PCB 126L 337.9207
27.69 9.109e+006



Total PeCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F5:SIR of 14 channels,EI+
PCB 126L 339.9178
27.69 5.730e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

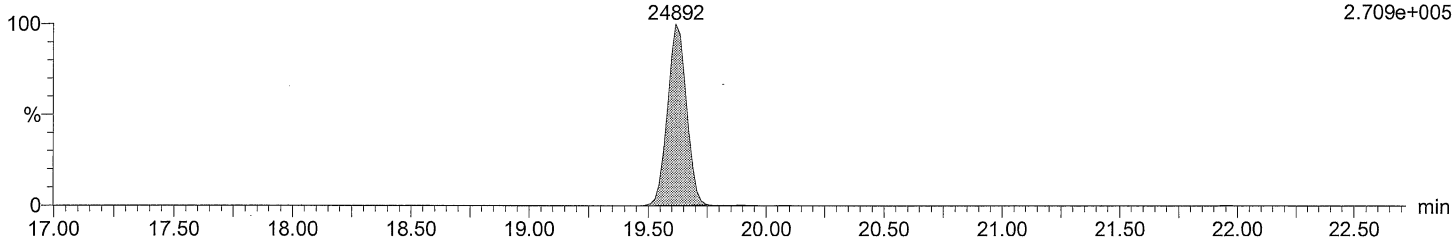
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 155
19.62
24892

F4:SIR of 14 channels,EI+
359.8415
2.709e+005

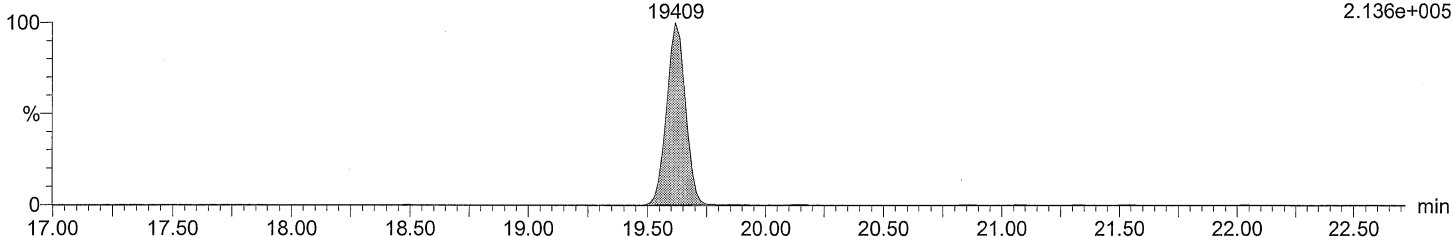


Total HxCB F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 155
19.62
19409

F4:SIR of 14 channels,EI+
361.8385
2.136e+005

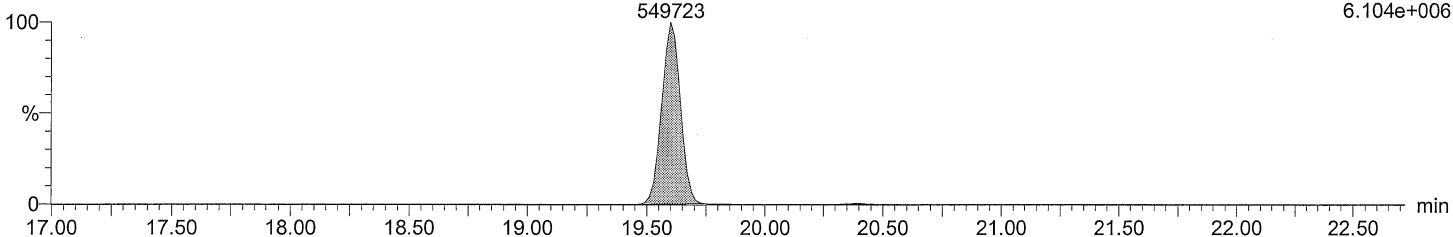


Total HxCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 155L
19.60
549723

F4:SIR of 14 channels,EI+
371.8817
6.104e+006

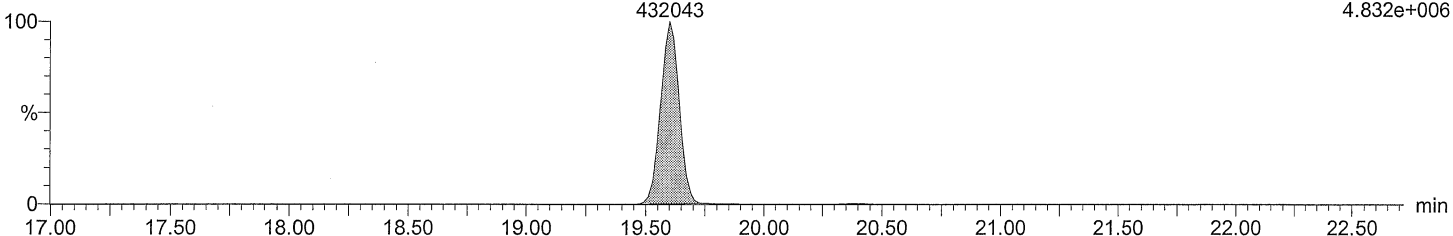


Total HxCB labeled F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 155L
19.60
432043

F4:SIR of 14 channels,EI+
373.8788
4.832e+006



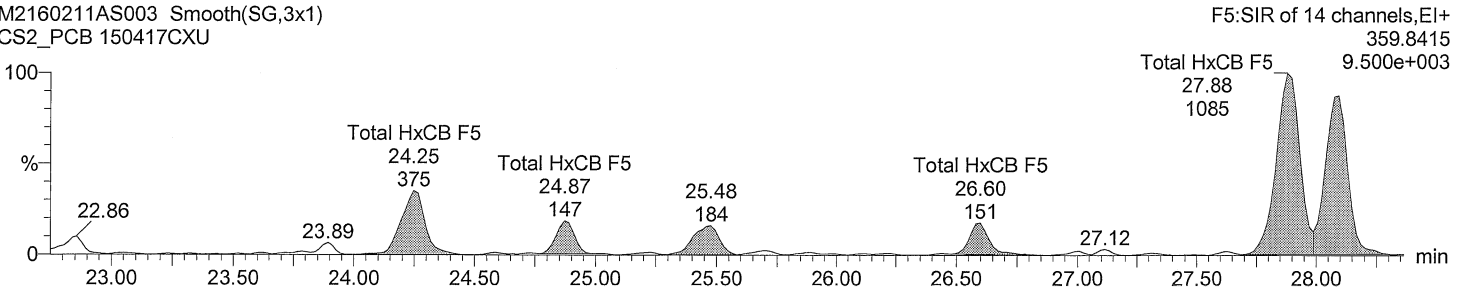
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU
Vial: 3
Date: 11-FEB-2016
Time: 19:33:17
Instrument: Autospec-UltimaE

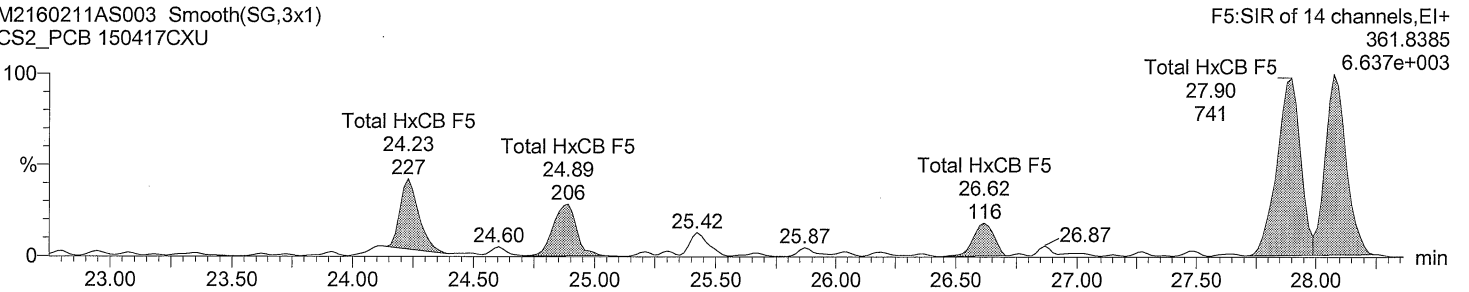
Total HxCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



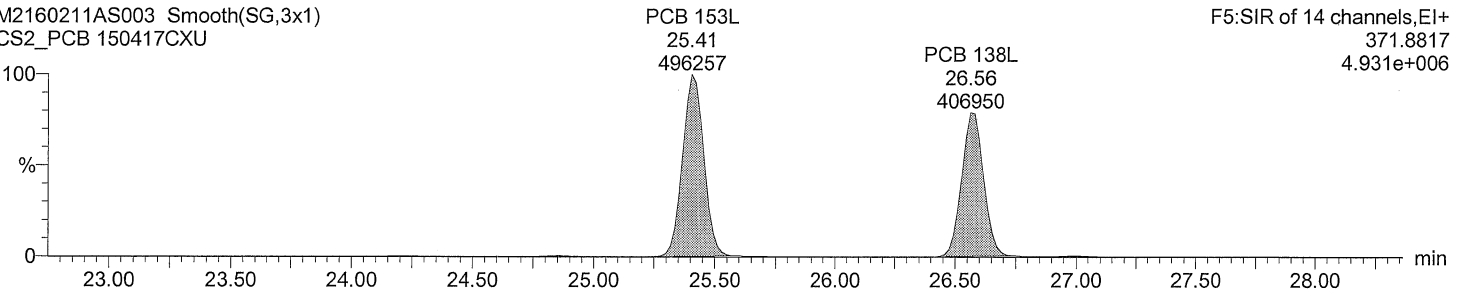
Total HxCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



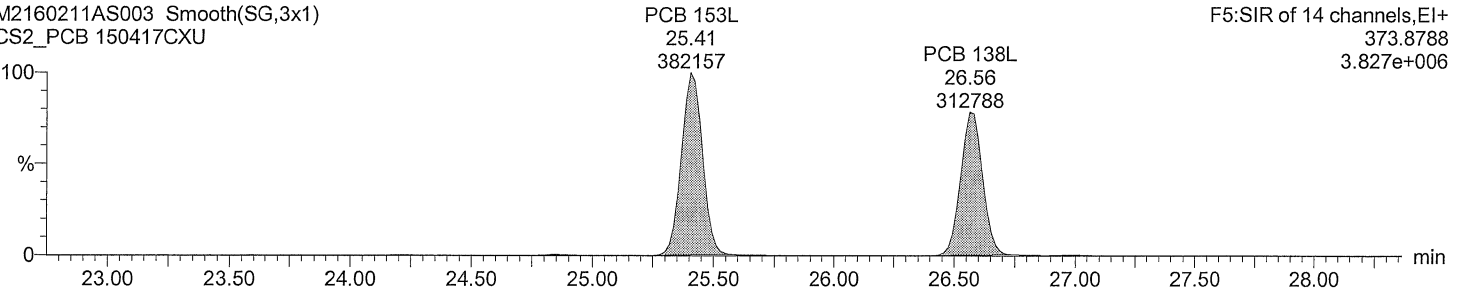
Total HxCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



Total HxCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

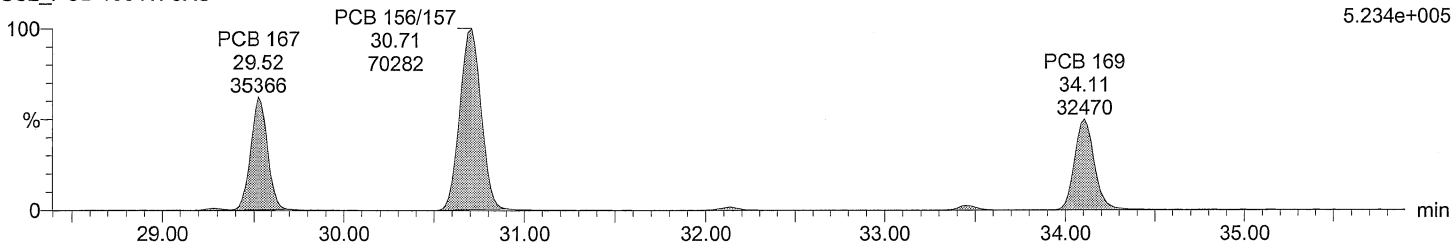
Time: 19:33:17

Instrument: Autospec-UltimaE

Total HxCB F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

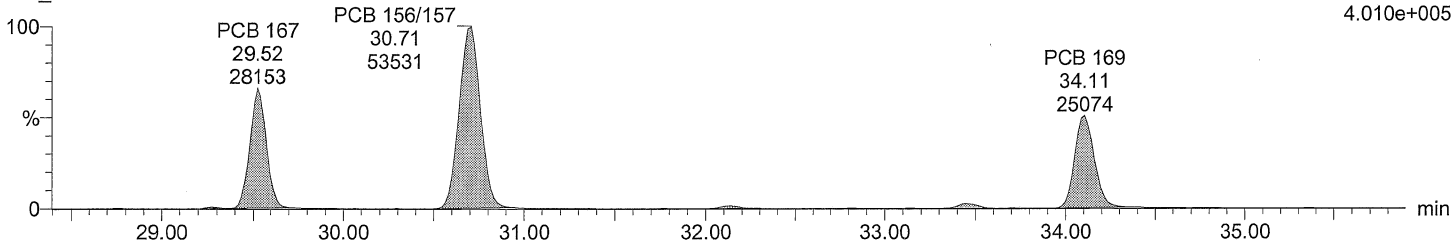
F6:SIR of 14 channels,EI+
359.8415
5.234e+005



Total HxCB F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

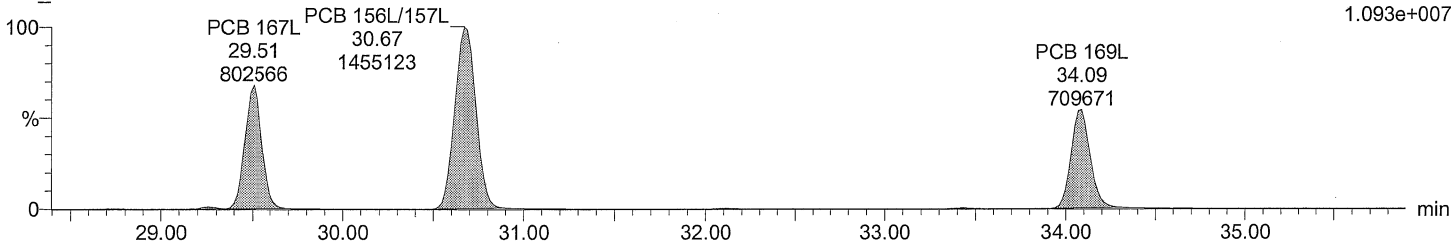
F6:SIR of 14 channels,EI+
361.8385
4.010e+005



Total HxCB labeled F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

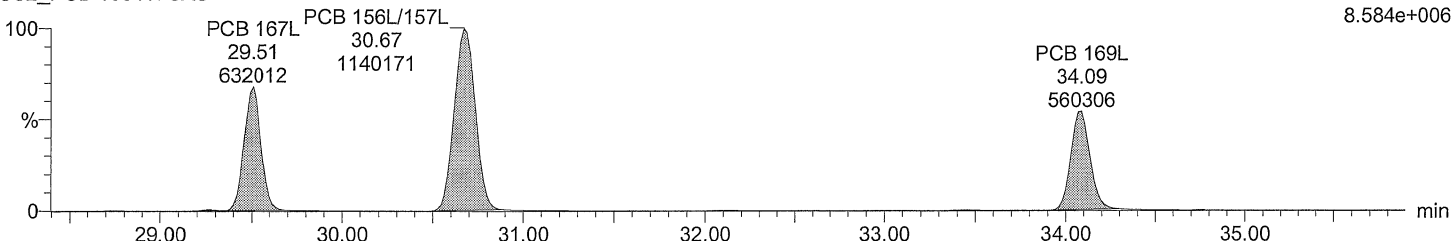
F6:SIR of 14 channels,EI+
371.8817
1.093e+007



Total HxCB labeled F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F6:SIR of 14 channels,EI+
373.8788
8.584e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Total HpCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

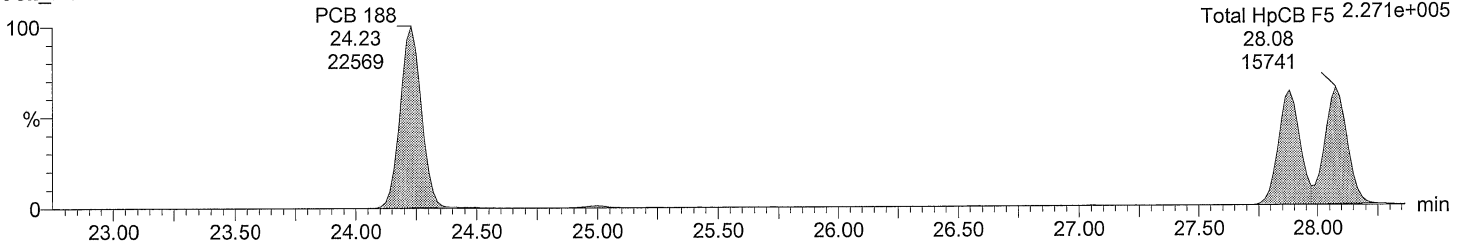
F5:SIR of 14 channels,EI+

393.8025

Total HpCB F5 2.271e+005

28.08

15741



Total HpCB F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

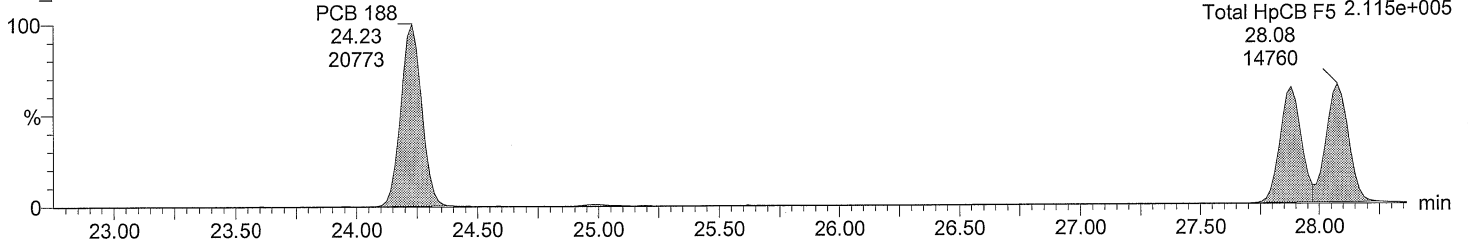
F5:SIR of 14 channels,EI+

395.7995

Total HpCB F5 2.115e+005

28.08

14760



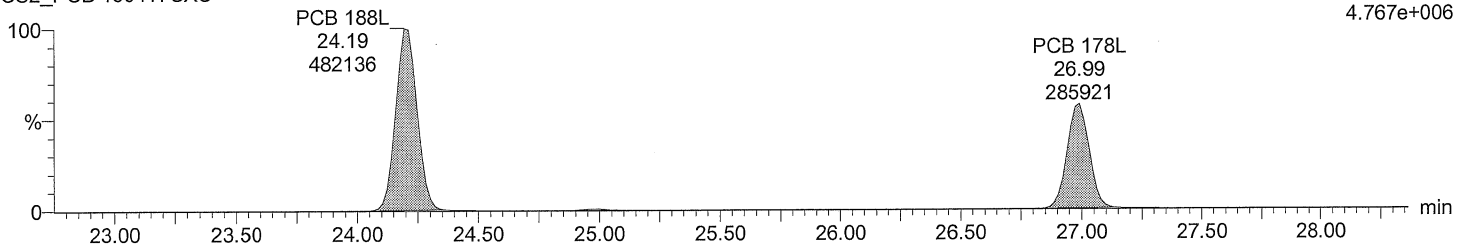
Total HpCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F5:SIR of 14 channels,EI+

405.8428

4.767e+006



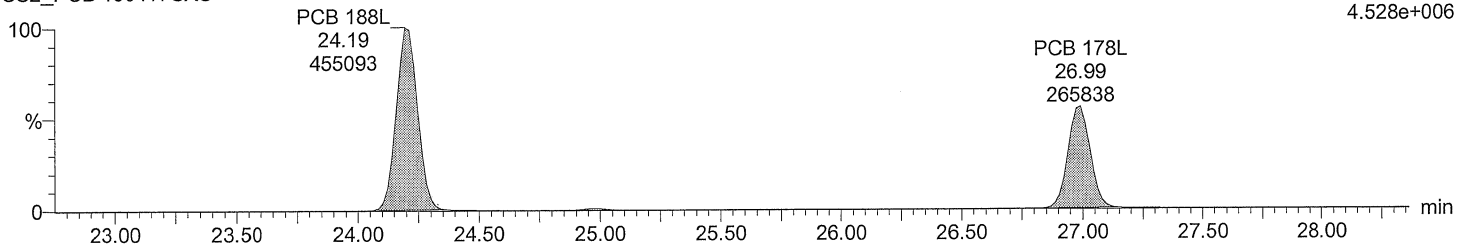
Total HpCB labeled F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F5:SIR of 14 channels,EI+

407.8398

4.528e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

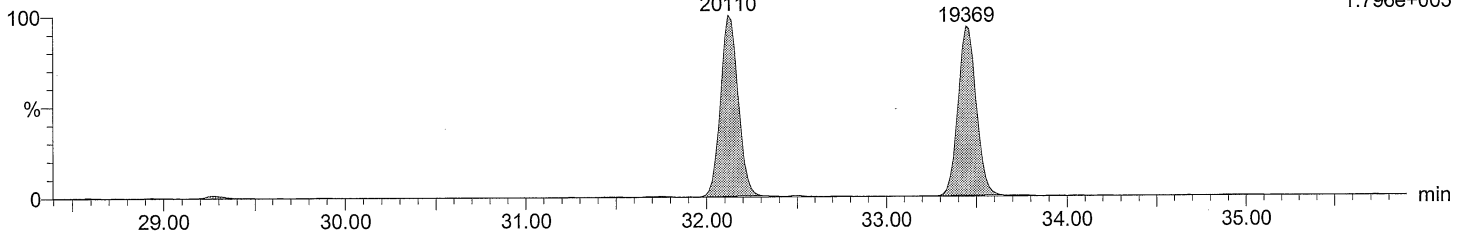
Total HpCB F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 193/180
32.12
20110

PCB 170
33.44
19369

F6:SIR of 14 channels,EI+
393.8025
1.796e+005



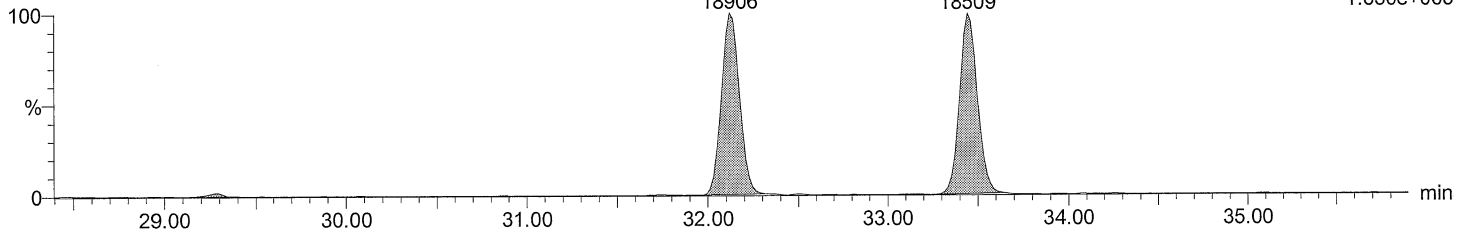
Total HpCB F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 193/180
32.12
18906

PCB 170
33.44
18509

F6:SIR of 14 channels,EI+
395.7995
1.650e+005



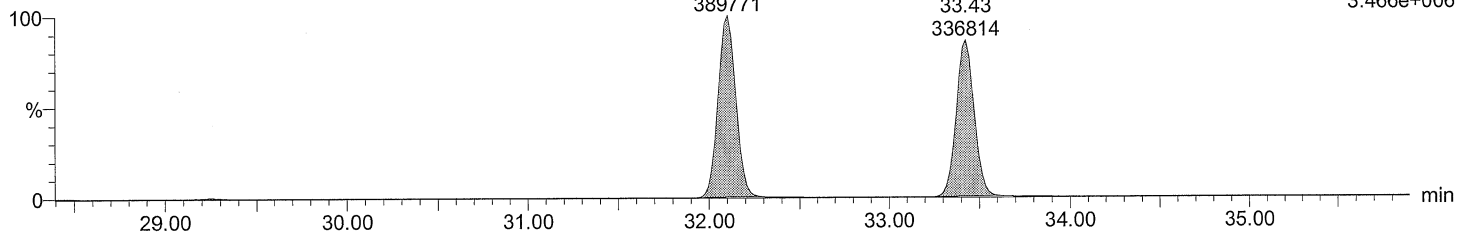
Total HpCB labeled F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 180L
32.10
389771

PCB 170L
33.43
336814

F6:SIR of 14 channels,EI+
405.8428
3.466e+006



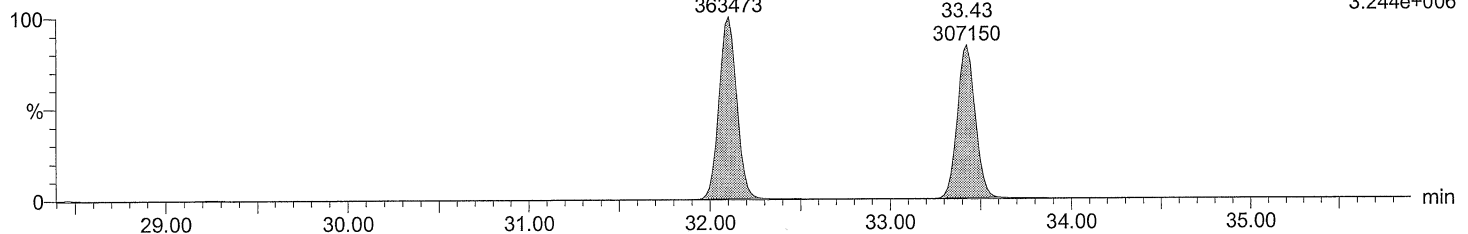
Total HpCB labeled F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 180L
32.10
363473

PCB 170L
33.43
307150

F6:SIR of 14 channels,EI+
407.8398
3.244e+006



Acquired Date

Dátaset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Total HpCB F7

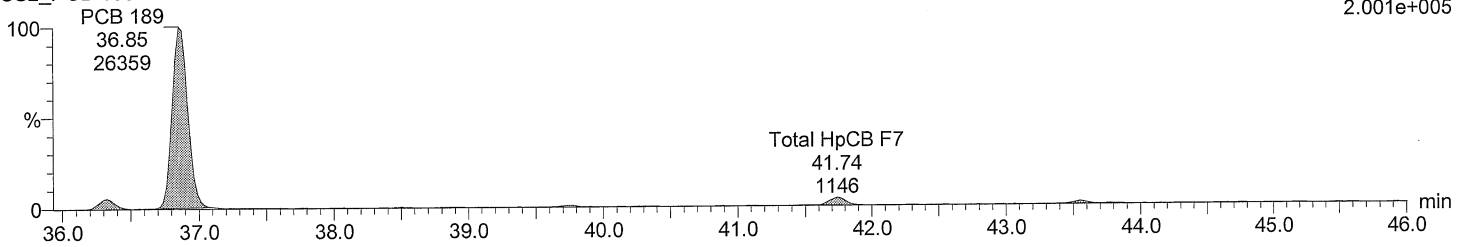
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F7:SIR of 18 channels,EI+

393.8025

2.001e+005



Total HpCB F7

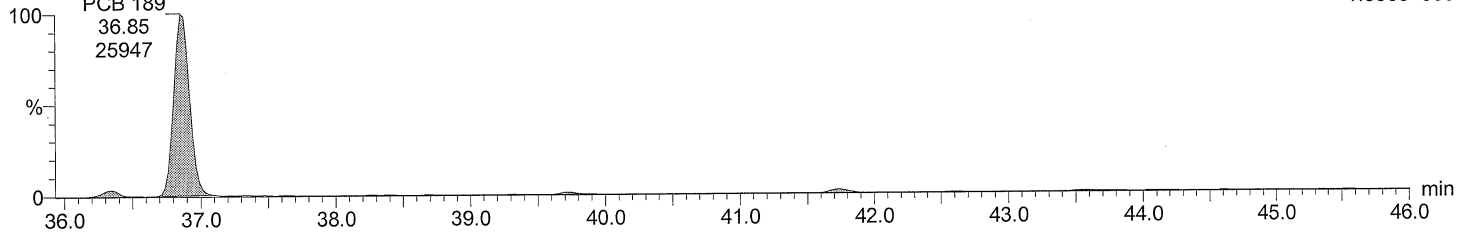
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F7:SIR of 18 channels,EI+

395.7995

1.956e+005



Total HpCB labeled F7

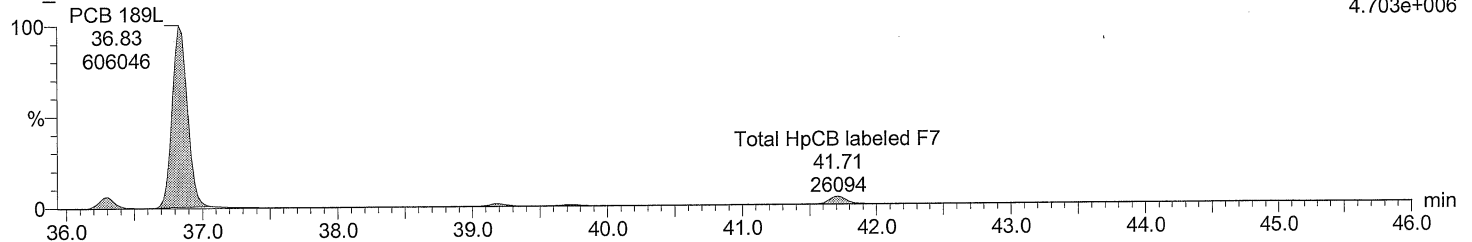
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F7:SIR of 18 channels,EI+

405.8428

4.703e+006



Total HpCB labeled F7

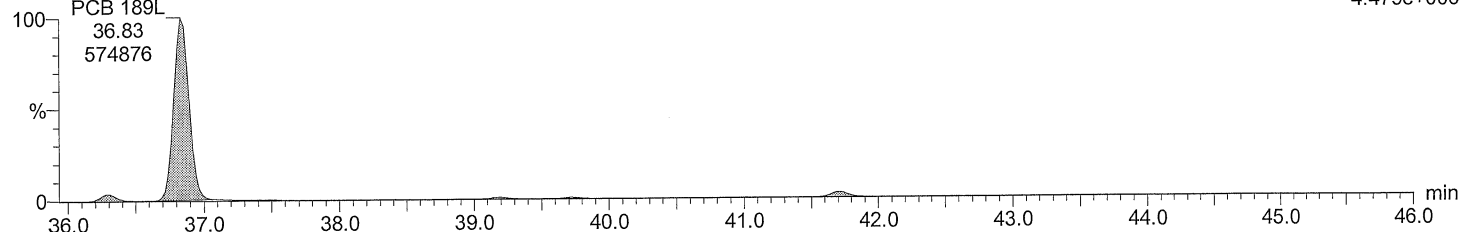
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F7:SIR of 18 channels,EI+

407.8398

4.479e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

Total OcCB F6

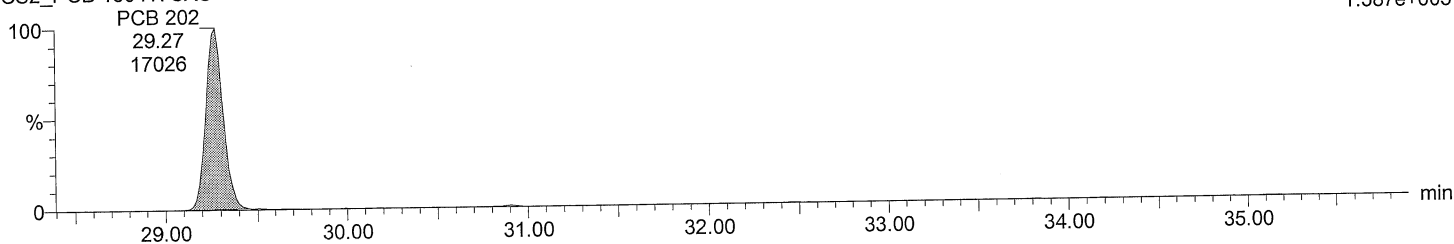
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F6:SIR of 14 channels, EI+

427.7635

1.587e+005



Total OcCB F6

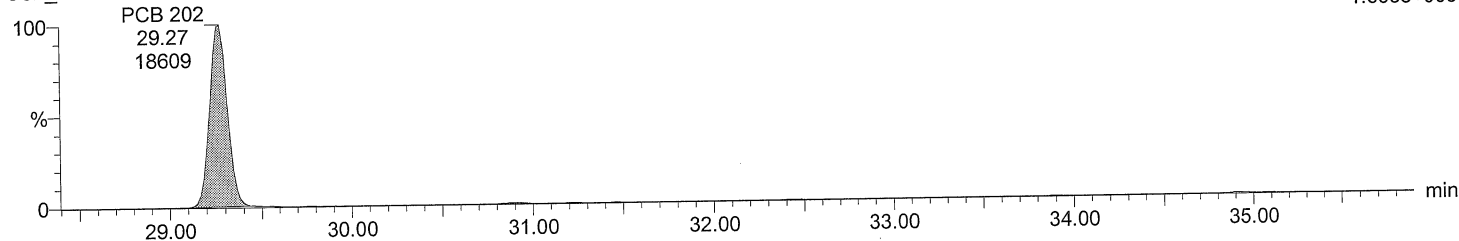
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F6:SIR of 14 channels, EI+

429.7606

1.693e+005



Total OcCB labeled F6

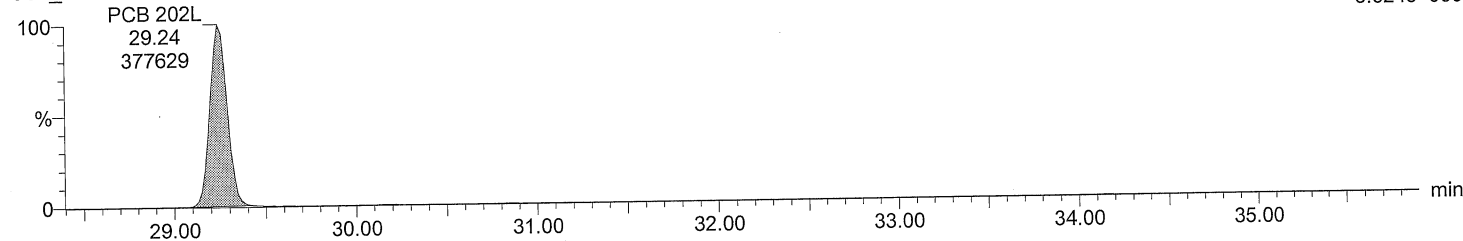
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F6:SIR of 14 channels, EI+

439.8038

3.524e+006



Total OcCB labeled F6

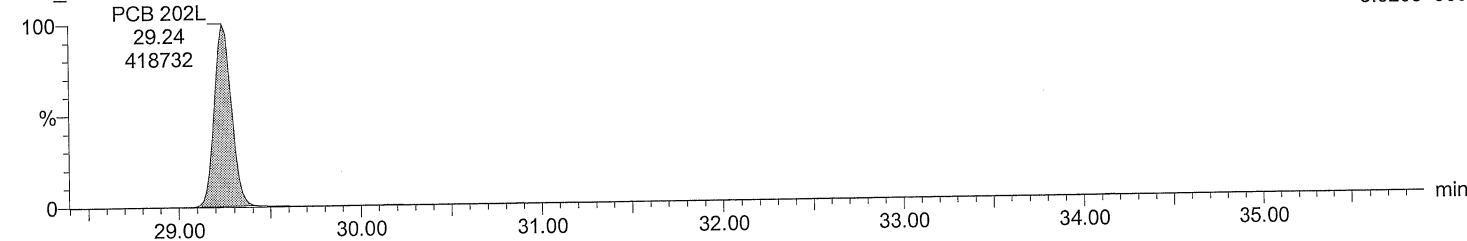
M2160211AS003 Smooth(SG,3x1)

CS2_PCB 150417CXU

F6:SIR of 14 channels, EI+

441.8008

3.920e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

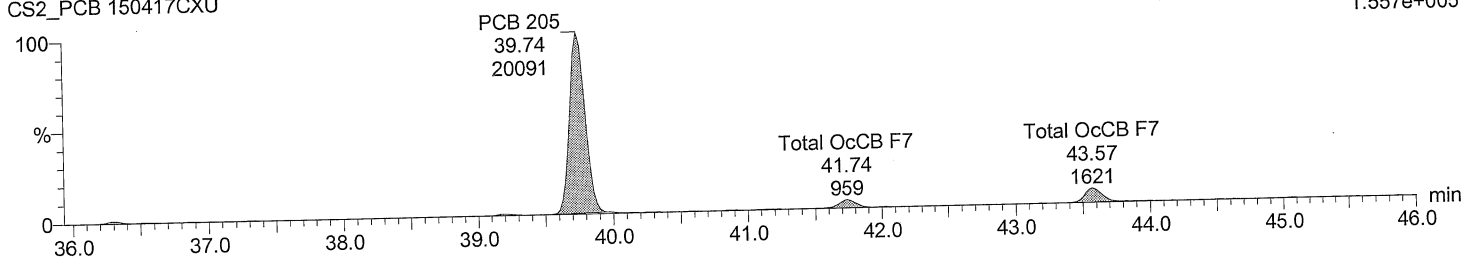
Time: 19:33:17

Instrument: Autospec-UltimaE

Total OoCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

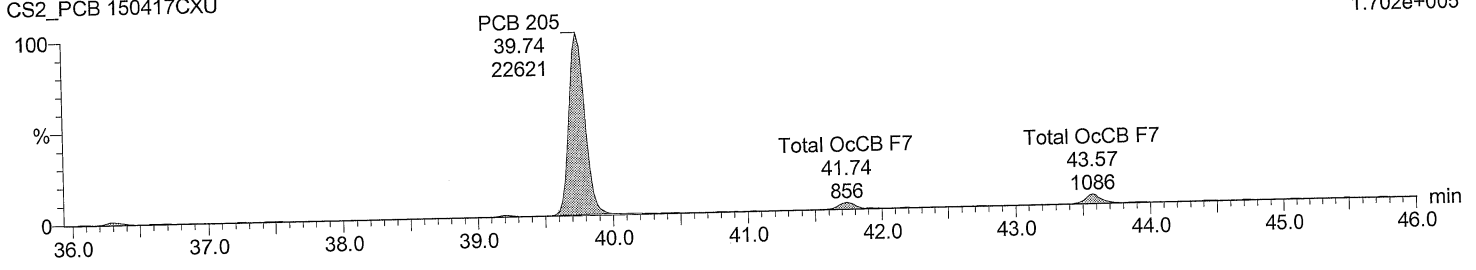
F7:SIR of 18 channels, EI+
427.7635
1.557e+005



Total OoCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

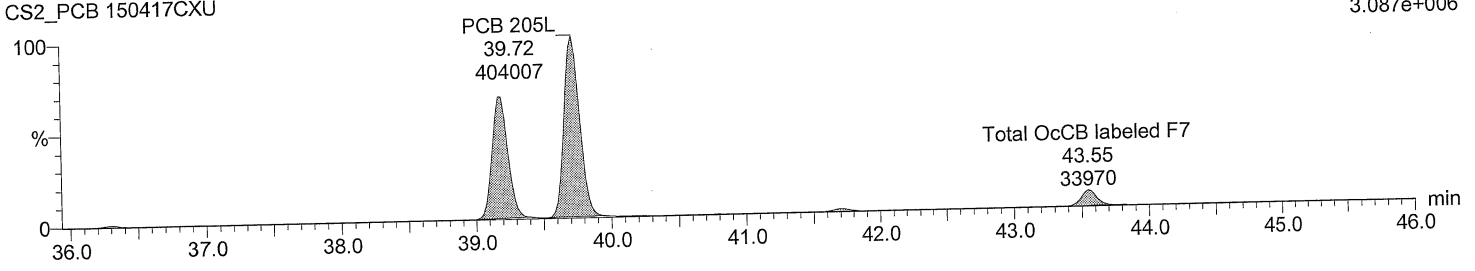
F7:SIR of 18 channels, EI+
429.7606
1.702e+005



Total OoCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

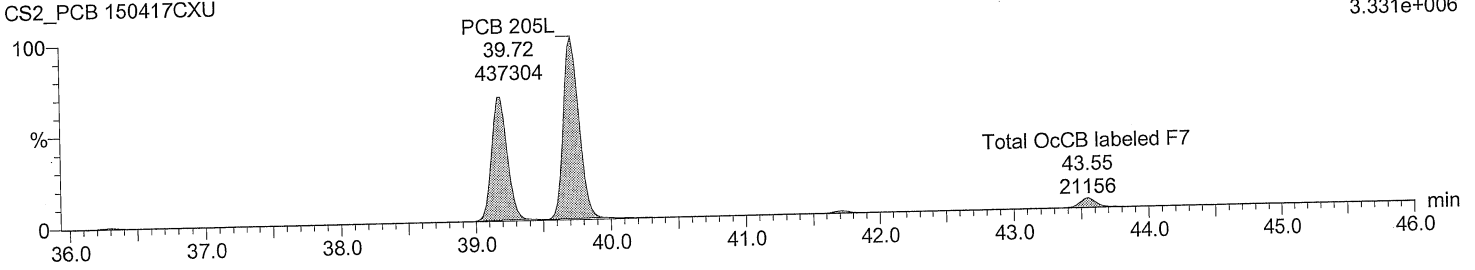
F7:SIR of 18 channels, EI+
439.8038
3.087e+006



Total OoCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F7:SIR of 18 channels, EI+
441.8008
3.331e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

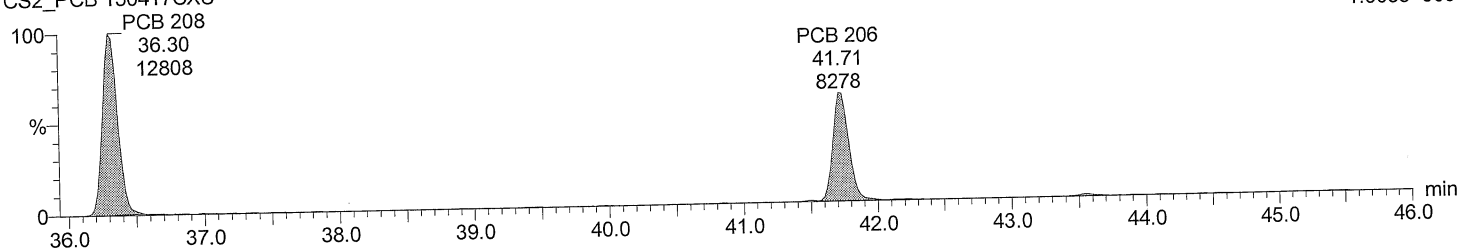
Time: 19:33:17

Instrument: Autospec-UltimaE

Total NoCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

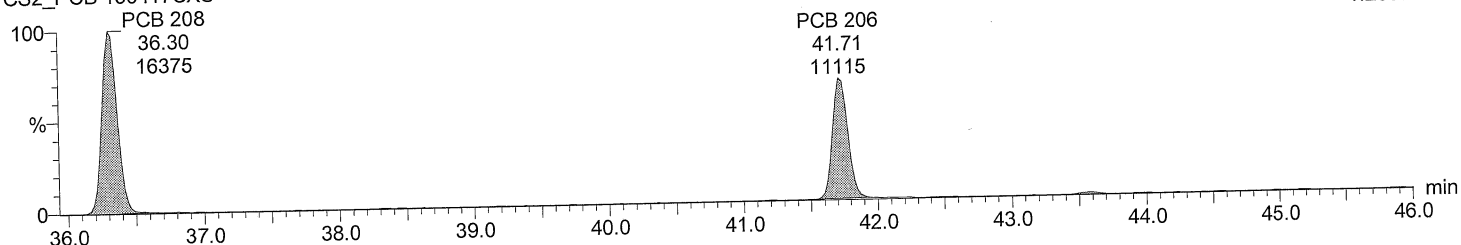
F7:SIR of 18 channels, EI+
461.7246
1.003e+005



Total NoCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

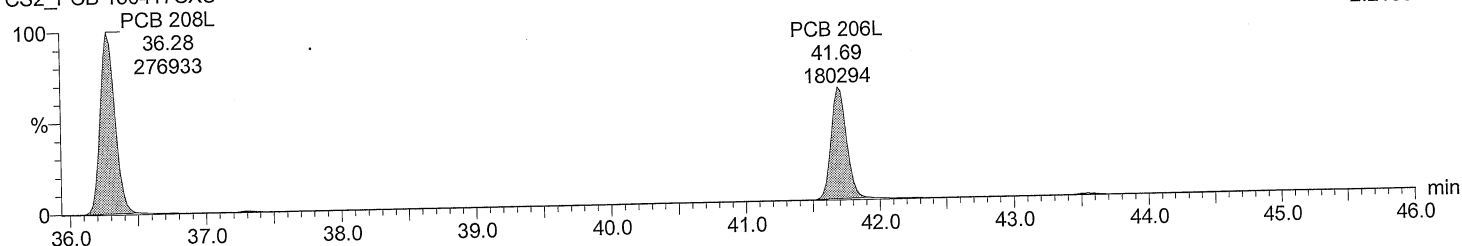
F7:SIR of 18 channels, EI+
463.7216
1.260e+005



Total NoCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

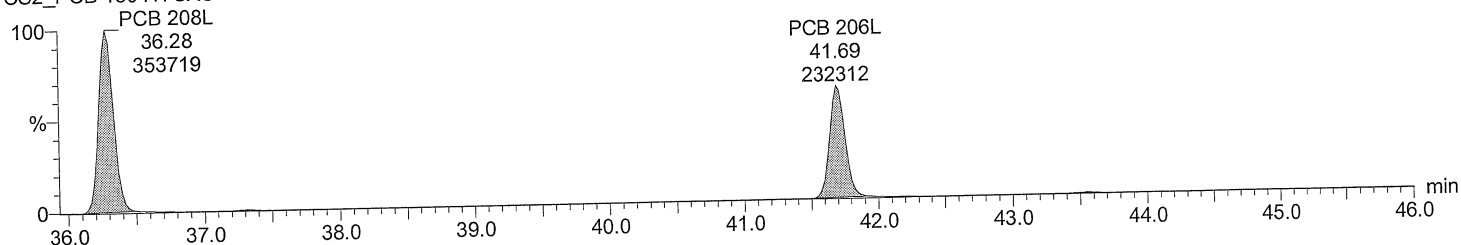
F7:SIR of 18 channels, EI+
473.7648
2.213e+006



Total NoCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F7:SIR of 18 channels, EI+
475.7619
2.834e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

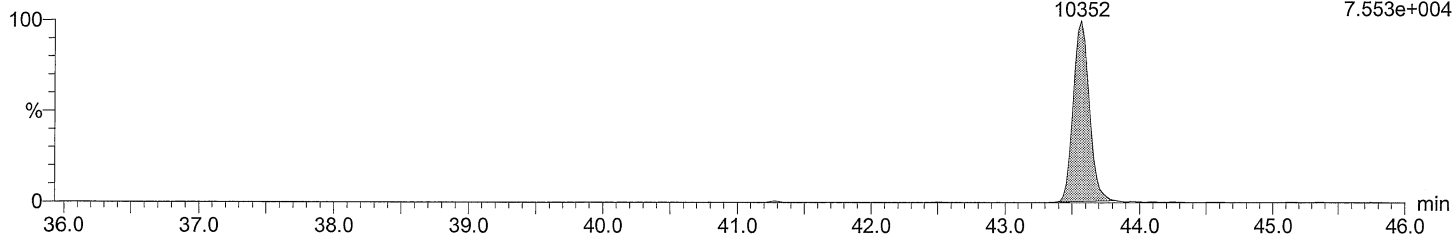
Time: 19:33:17

Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

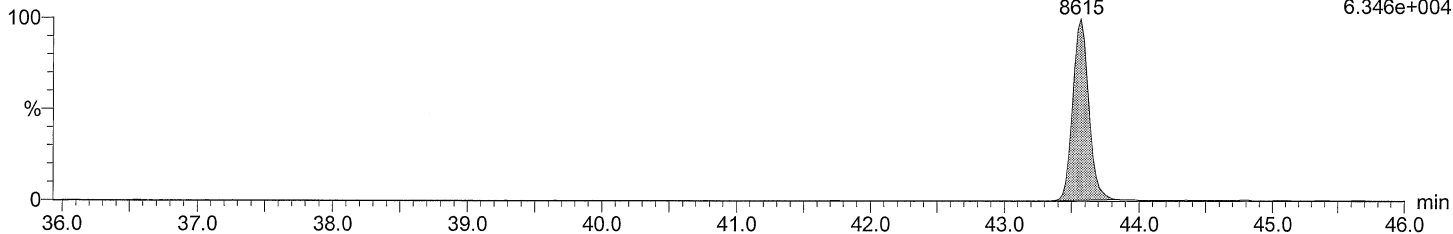
PCB 209 F7:SIR of 18 channels,EI+
43.57 497.6826
10352 7.553e+004



Total DeCB F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

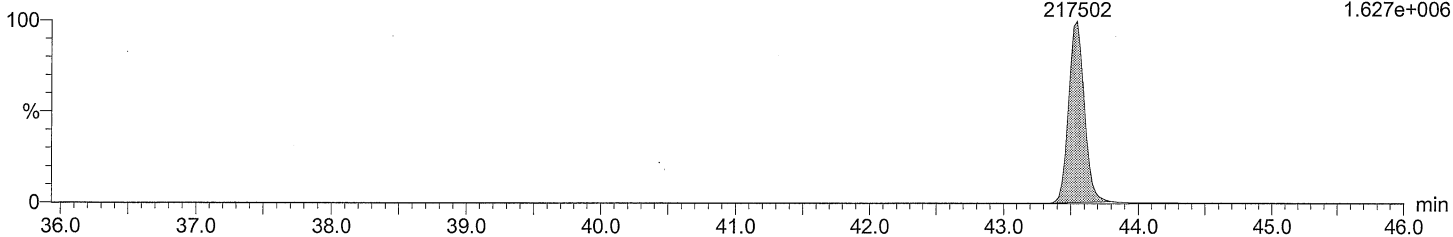
PCB 209 F7:SIR of 18 channels,EI+
43.57 499.6797
8615 6.346e+004



Total DeCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

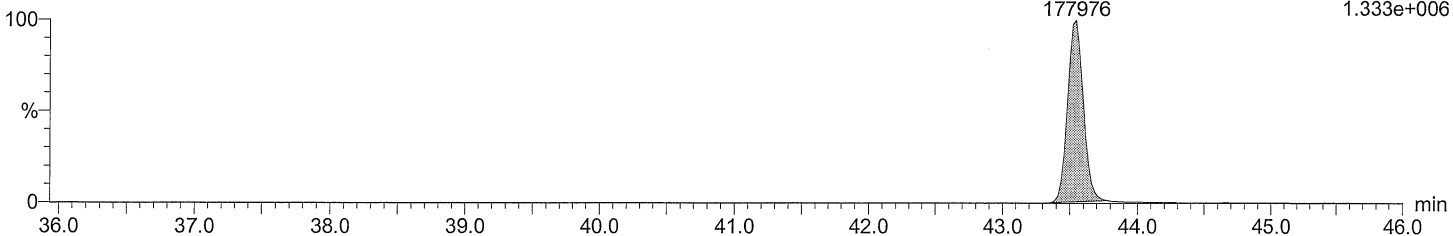
PCB 209L F7:SIR of 18 channels,EI+
43.55 509.7229
217502 1.627e+006



Total DeCB labeled F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

PCB 209L F7:SIR of 18 channels,EI+
43.55 511.7199
177976 1.333e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

Date: 11-FEB-2016

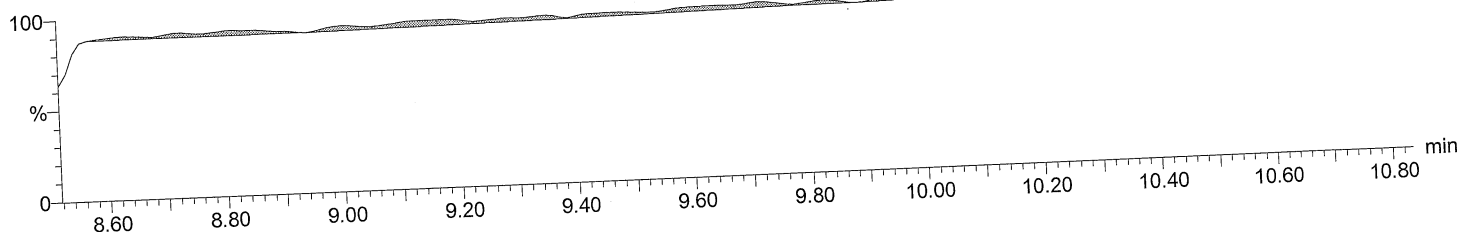
Time: 19:33:17

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

F1:SIR of 10 channels, EI+
218.9856
4.484e+006

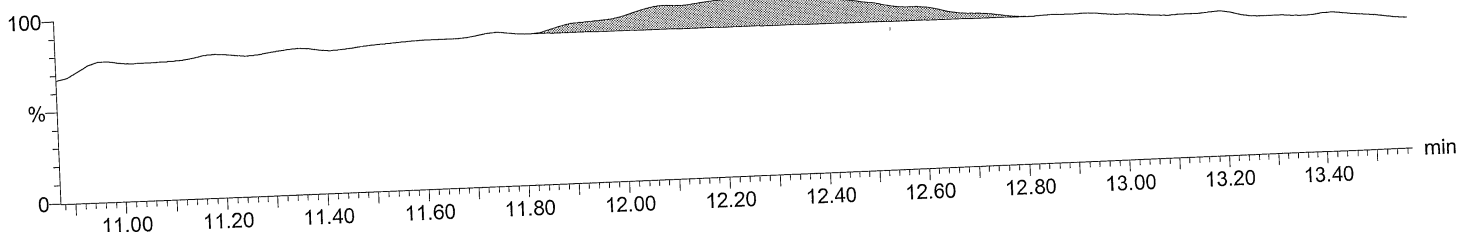


lockmass F2

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

lockmass F2
12.27
164116

F2:SIR of 16 channels, EI+
242.9856
1.764e+006

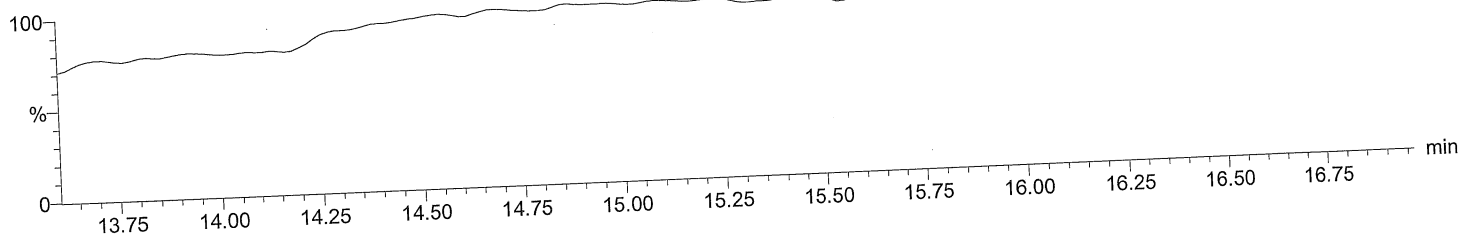


lockmass F3

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

15.45 15.66 15.81

F3:SIR of 14 channels, EI+
292.9824
1.377e+006

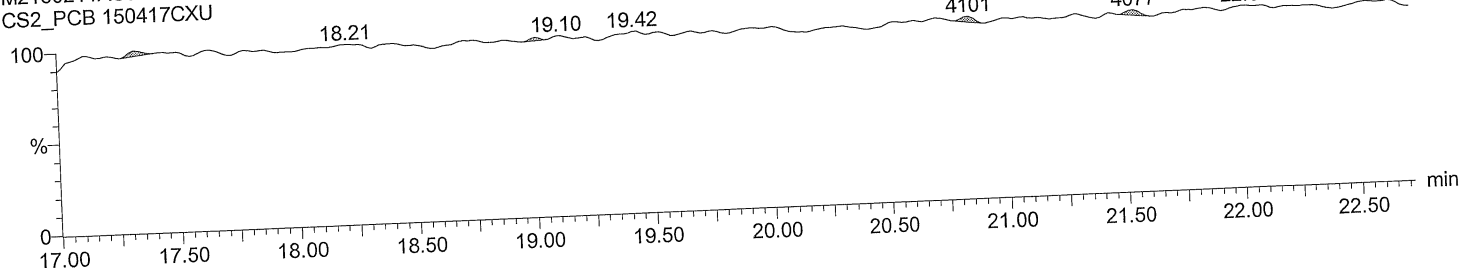


lockmass F4

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU

lockmass F4 20.85 4101
lockmass F4 21.54 4077

F4:SIR of 14 channels, EI+
330.9792
2.040e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS2_PCB 150417CXU

Vial: 3

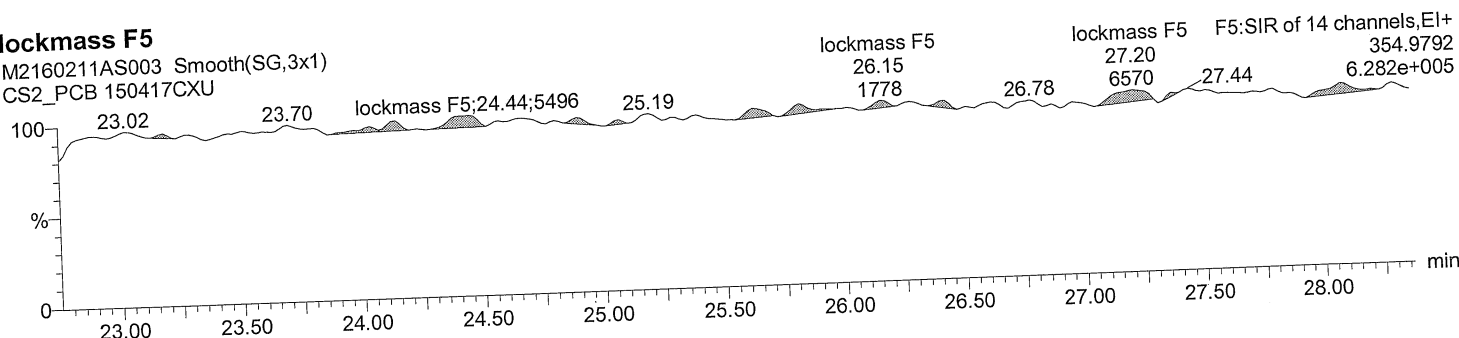
Date: 11-FEB-2016

Time: 19:33:17

Instrument: Autospec-UltimaE

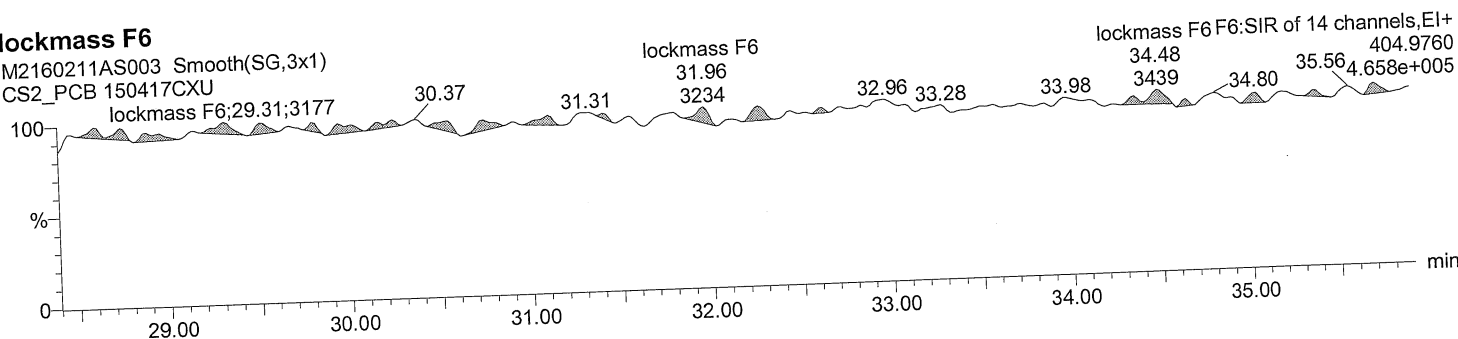
lockmass F5

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



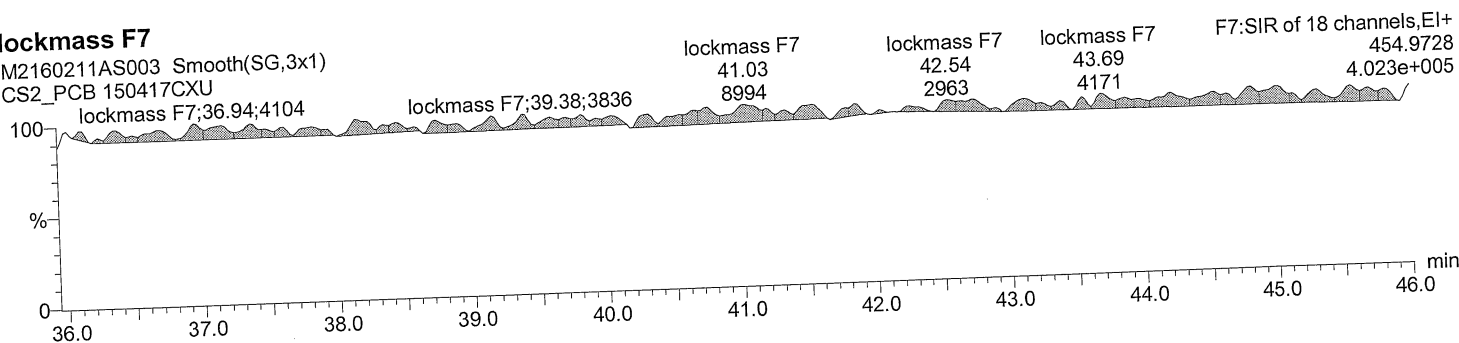
lockmass F6

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



lockmass F7

M2160211AS003 Smooth(SG,3x1)
CS2_PCB 150417CXU



Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

Description: CS3_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1	PCB 1	8.99	1.001	621160	191819	3.24	YES	bb	51.625	3.3	103	29	1.117
2	PCB 3	10.17	1.000	622878	195495	3.19	YES	bd	52.418	4.8	105	30	1.131
3	PCB 4	10.29	1.000	292114	184579	1.58	YES	bb	52.225	4.5	104	31	0.996
4	PCB 15	12.94	1.002	526481	347562	1.51	YES	bb	51.471	2.9	103	32	0.896
5	PCB 19	11.67	1.000	248016	239084	1.04	YES	bb	52.423	4.8	105	33	0.942
6	PCB 37	16.69	1.001	432334	419648	1.03	YES	bb	51.689	3.4	103	34	0.936
7	PCB 54	13.07	1.002	256289	331718	0.77	YES	bb	52.470	4.9	105	35	0.956
8	PCB 81	21.42	1.001	368492	483726	0.76	YES	bb	51.509	3.0	103	36	1.058
9	PCB 77	21.88	1.001	362617	476222	0.76	YES	bb	50.756	1.5	102	37	1.094
10	PCB 104	15.94	1.001	326809	205221	1.59	YES	bb	52.320	4.6	105	38	1.145
11	PCB 123	23.50	1.001	442267	283999	1.56	YES	bd	50.920	1.8	102	39	0.911
12	PCB 118	23.78	1.001	470476	303927	1.55	YES	db	51.308	2.6	103	40	1.007
13	PCB 114	24.27	1.001	449999	286562	1.57	YES	bb	50.745	1.5	101	41	1.025
14	PCB 105	24.84	1.001	444822	282115	1.58	YES	bb	50.954	1.9	102	42	0.995
15	PCB 126	27.70	1.001	410087	265419	1.54	YES	bb	50.102	0.2	100	43	0.979
16	PCB 155	19.62	1.001	296528	231546	1.28	YES	bb	51.458	2.9	103	44	1.026
17	PCB 167	29.53	1.001	412282	328764	1.25	YES	db	50.919	1.8	102	45	0.963
18	PCB 156/157	30.69	1.001	809762	645316	1.25	YES	bb	102.451	2.5	102	46	1.042
19	PCB 169	34.11	1.001	361001	286856	1.26	YES	bb	49.847	-0.3	100	47	0.952
20	PCB 188	24.23	1.002	261542	247174	1.06	YES	bb	51.103	2.2	102	48	1.034
21	PCB 193/180	32.12	1.001	235126	220396	1.07	YES	bb	50.877	1.8	102	49	1.159
22	PCB 170	33.44	1.000	227335	211681	1.07	YES	bb	49.660	-0.7	99	50	1.262
23	PCB 189	36.85	1.001	297838	291058	1.02	YES	bb	49.619	-0.8	99	51	0.937
24	PCB 202	29.27	1.001	200034	222174	0.90	YES	bb	51.162	2.3	102	52	1.011
25	PCB 205	39.74	1.001	224183	248729	0.90	YES	bb	48.741	-2.5	97	53	1.063
26	PCB 208	36.30	1.001	152020	191132	0.80	YES	bb	49.719	-0.6	99	54	1.018
27	PCB 206	41.72	1.000	96729	122746	0.79	YES	bd	48.439	-3.1	97	55	0.995
28	PCB 209	43.57	1.000	113421	93173	1.22	YES	bb	47.902	-4.2	96	56	0.996
29	PCB 1L	8.98	0.803	1111402	344225	3.23	YES	bb	98.701	-1.3	99	63	0.813
30	PCB 3L	10.17	0.910	1103081	344314	3.20	YES	bb	94.853	-5.1	95	63	0.808
31	PCB 4L	10.29	0.920	583338	373485	1.56	YES	bb	98.495	-1.5	98	63	0.534
32	PCB 15L	12.92	1.155	1200032	750666	1.60	YES	bb	101.423	1.4	101	63	1.090
33	PCB 19L	11.67	1.043	530267	503687	1.05	YES	bb	99.881	-0.1	100	63	0.578
34	PCB 37L	16.67	1.086	939303	880965	1.07	YES	bb	97.857	-2.1	98	64	1.944
35	PCB 54L	13.05	0.850	543204	687513	0.79	YES	bb	101.315	1.3	101	64	1.314
36	PCB 81L	21.40	1.393	713591	897461	0.80	YES	bb	99.003	-1.0	99	64	1.721
37	PCB 77L	21.86	1.424	678534	855655	0.79	YES	bb	97.699	-2.3	98	64	1.638
38	PCB 104L	15.92	0.805	573170	356046	1.61	YES	bb	96.062	-3.9	96	65	1.110
39	PCB 123L	23.48	1.188	983918	610634	1.61	YES	bd	98.409	-1.6	98	65	1.905
40	PCB 118L	23.77	1.203	944093	593686	1.59	YES	db	96.402	-3.6	96	65	1.837
41	PCB 114L	24.25	1.227	886625	550110	1.61	YES	bb	96.823	-3.2	97	65	1.716
42	PCB 105L	24.82	1.256	897907	563062	1.60	YES	bb	95.778	-4.2	96	65	1.745
43	PCB 126L	27.69	1.401	848646	531906	1.60	YES	bb	95.039	-5.0	95	65	1.649
44	PCB 155L	19.60	0.738	575967	453759	1.27	YES	bb	96.968	-3.0	97	66	1.361
45	PCB 167L	29.51	1.111	858341	680309	1.26	YES	db	96.386	-3.6	96	66	2.034
46	PCB 156L/157L	30.67	1.155	1563653	1229185	1.27	YES	bb	192.161	-3.9	96	66	1.846
47	PCB 169L	34.07	1.283	764385	597346	1.28	YES	bb	95.415	-4.6	95	66	1.800
48	PCB 188L	24.19	0.911	506789	476965	1.06	YES	bb	97.805	-2.2	98	66	1.300

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

Description: CS3_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
49	PCB 180L	32.10	0.820	407502	378678	1.08	YES	bb	97.692	-2.3	98	67	1.317
50	PCB 170L	33.43	0.853	361970	333602	1.09	YES	bb	98.769	-1.2	99	67	1.166
51	PCB 189L	36.83	0.940	644558	613038	1.05	YES	bb	97.688	-2.3	98	67	2.107
52	PCB 202L	29.24	0.747	396872	438757	0.90	YES	bb	98.652	-1.3	99	67	1.400
53	PCB 205L	39.72	1.014	425639	464052	0.92	YES	bb	97.361	-2.6	97	67	1.491
54	PCB 208L	36.28	0.926	294040	380310	0.77	YES	bb	99.176	-0.8	99	67	1.130
55	PCB 206L	41.69	1.064	197518	243837	0.81	YES	bd	97.373	-2.6	97	67	0.740
56	PCB 209L	43.55	1.112	227378	187368	1.21	YES	bb	95.953	-4.0	96	67	0.695
57	PCB 28L	14.40	0.938	954376	920061	1.04	YES	db	98.163	-1.8	98	64	2.002
58	PCB 111L	21.83	1.105	710011	443386	1.60	YES	bb	102.602	2.6	103	65	1.378
59	PCB 178L	26.97	1.015	301313	278631	1.08	YES	bb	104.581	4.6	105	66	0.766
60	PCB 31L	14.24	0.927	875027	838994	1.04	YES	bd	94.633	-5.4	95	64	1.831
61	PCB 95L	17.73	0.897	481335	301804	1.60	YES	bb	98.885	-1.1	99	65	0.936
62	PCB 153L	25.41	0.956	520410	395478	1.32	YES	bb	98.807	-1.2	99	66	1.211
63	PCB 9L	11.19	0.000	1098560	691692	1.59	YES	bb	95.450	-4.5	95	0	17902...
64	PCB 52L	15.36	0.000	410287	526075	0.78	YES	bb	95.007	-5.0	95	0	9363....
65	PCB 101L	19.76	0.000	519160	317859	1.63	YES	bb	94.237	-5.8	94	0	8370....
66	PCB 138L	26.56	0.000	429393	327223	1.31	YES	bb	93.727	-6.3	94	0	7566....
67	PCB 194L	39.17	0.000	286682	310070	0.93	YES	bb	91.371	-8.6	91	0	5967....
68	Total MoCB F1								104.044			29	
69	Total MoCB labeled ...								193.553			63	
70	Total DiCB F1								52.225			31	
71	Total DiCB labeled F1								98.495			63	
72	Total DiCB F2								51.471			32	
73	Total DiCB labeled F2								196.873			63	
74	Total TriCB F2								52.423			33	
75	Total TriCB labeled F2								99.881			63	
76	Total TriCB F3								51.689			34	
77	Total TriCB labeled F3								290.653			64	
78	Total TeCB F2								52.470			35	
79	Total TeCB labeled F2								101.315			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								95.007			64	
82	Total TeCB F4								102.265			36	
83	Total TeCB labeled F4								196.702			64	
84	Total PeCB F3								52.320			38	
85	Total PeCB labeled F3								96.062			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								295.724			65	
88	Total PeCB F5								254.029			39	
89	Total PeCB labeled F5								482.450			65	
90	Total HxCB F4								51.458			44	
91	Total HxCB labeled F4								96.968			66	
92	Total HxCB F5											45	
93	Total HxCB labeled F5								192.534			66	
94	Total HxCB F6								203.217			45	
95	Total HxCB labeled F6								383.963			66	
96	Total HpCB F5								51.103			48	

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Instrument: Autospec-UltimaE

Description: CS3_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
97	Total HpCB labeled ...								202.387			67	
98	Total HpCB F6								100.537			49	
99	Total HpCB labeled ...								196.461			67	
100	Total HpCB F7								49.619			51	
101	Total HpCB labeled ...								97.688			67	
102	Total OcCB F6								51.162			52	
103	Total OcCB labeled ...								98.652			67	
104	Total OcCB F7								48.741			53	
105	Total OcCB labeled ...								188.731			67	
106	Total NoCB F7								98.158			54	
107	Total NoCB labeled ...								196.550			67	
108	Total DeCB F7								47.902			56	
109	Total DeCB labeled ...								95.953			67	
110	lockmass F1											0	
111	lockmass F2											0	
112	lockmass F3											0	
113	lockmass F4											0	
114	lockmass F5											0	
115	lockmass F6											0	
116	lockmass F7											0	

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

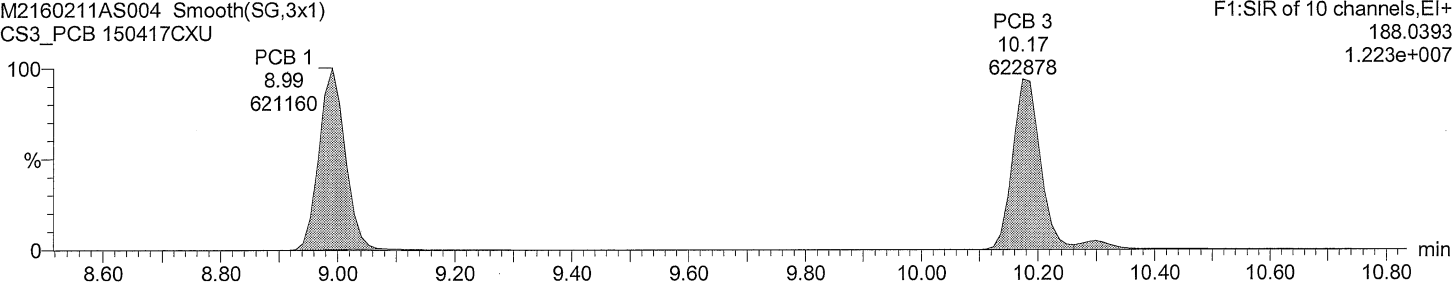
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 4
Date: 11-FEB-2016
Time: 20:23:30
Instrument: Autospec-UltimaE

Total MoCB F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

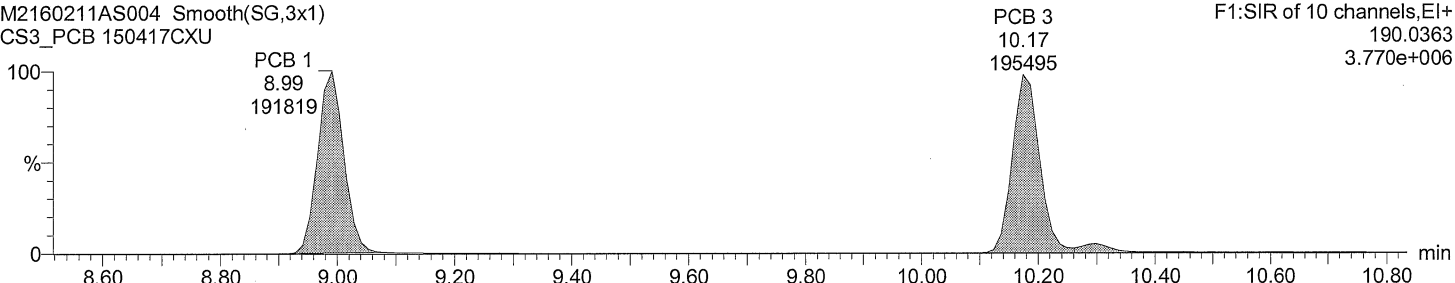
F1:SIR of 10 channels,EI+
188.0393
1.223e+007



Total MoCB F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

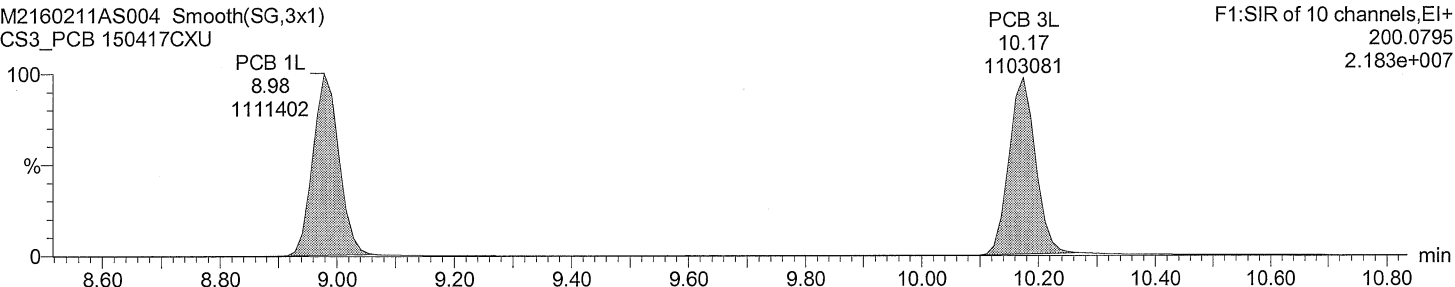
F1:SIR of 10 channels,EI+
190.0363
3.770e+006



Total MoCB labeled F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

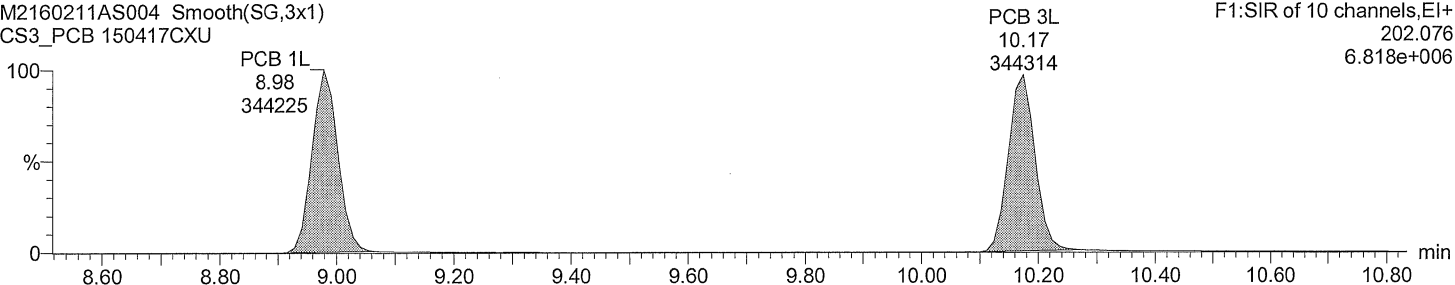
F1:SIR of 10 channels,EI+
200.0795
2.183e+007



Total MoCB labeled F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F1:SIR of 10 channels,EI+
202.076
6.818e+006



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Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

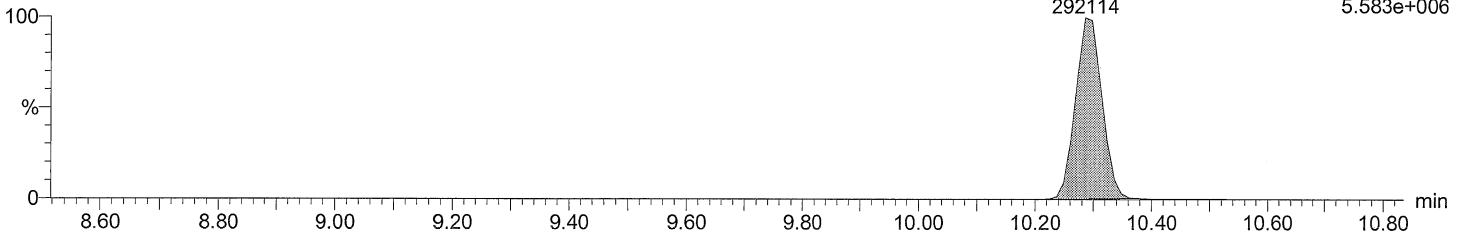
Time: 20:23:30

Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

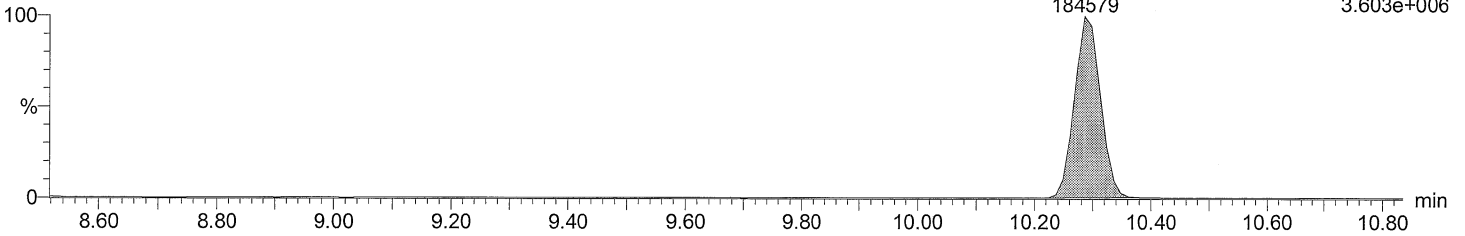
PCB 4
10.29
292114
F1:SIR of 10 channels,EI+
222.0003
5.583e+006



Total DiCB F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

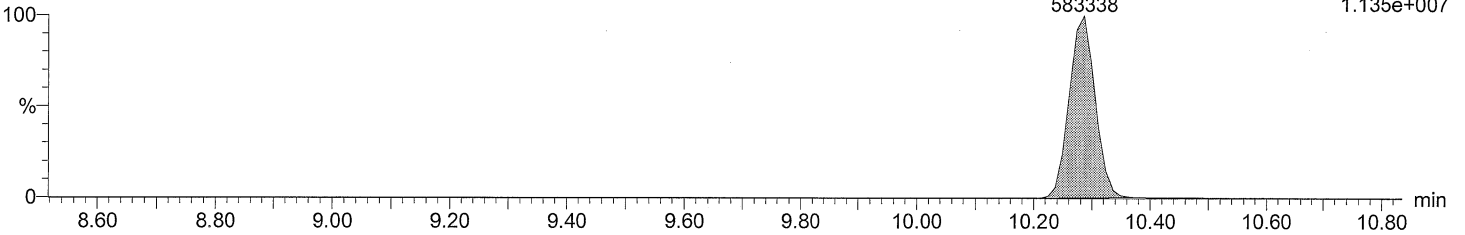
PCB 4
10.29
184579
F1:SIR of 10 channels,EI+
223.9974
3.603e+006



Total DiCB labeled F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

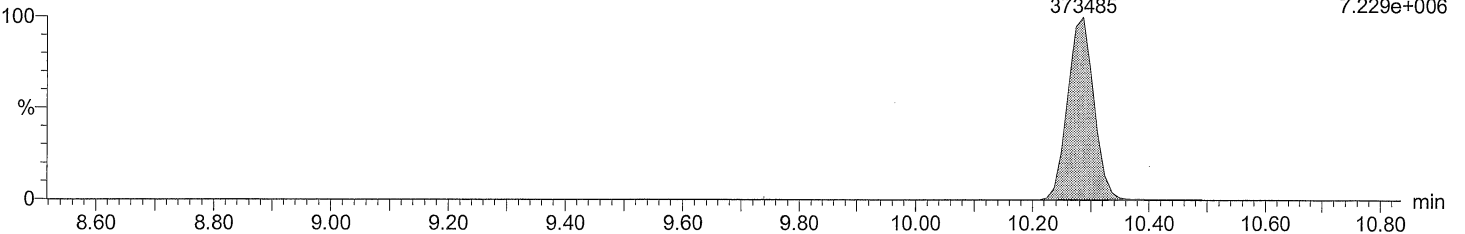
PCB 4L
10.29
583338
F1:SIR of 10 channels,EI+
234.0406
1.135e+007



Total DiCB labeled F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 4L
10.29
373485
F1:SIR of 10 channels,EI+
236.0376
7.229e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

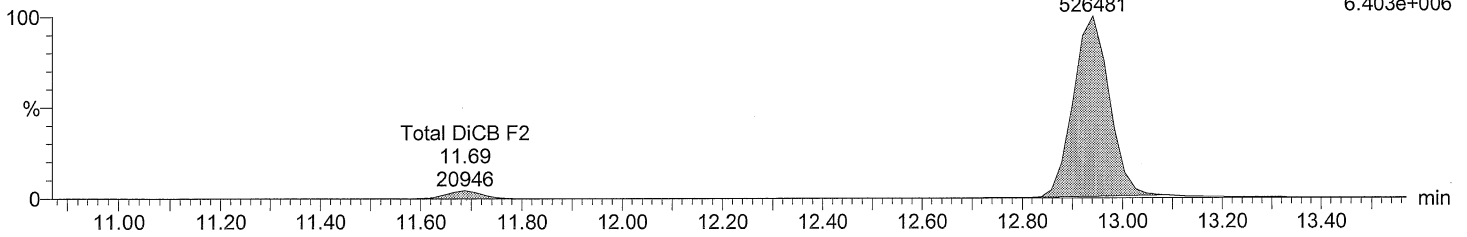
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 4
Date: 11-FEB-2016
Time: 20:23:30
Instrument: Autospec-UltimaE

Total DiCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

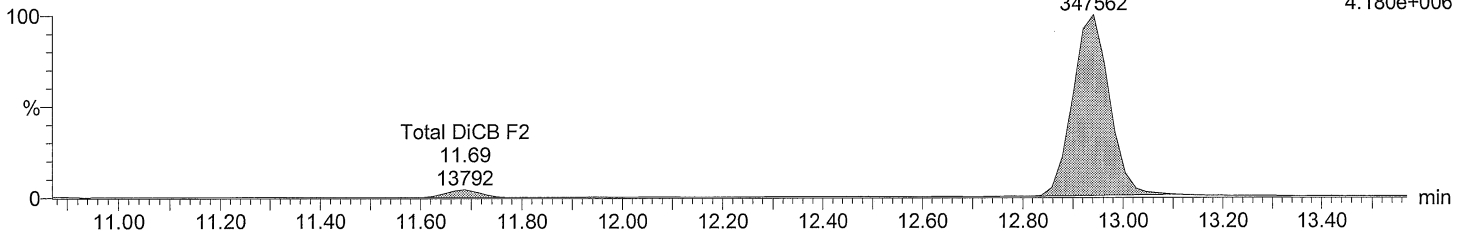
PCB 15 12.94 526481
F2:SIR of 16 channels,EI+ 222.0003 6.403e+006



Total DiCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

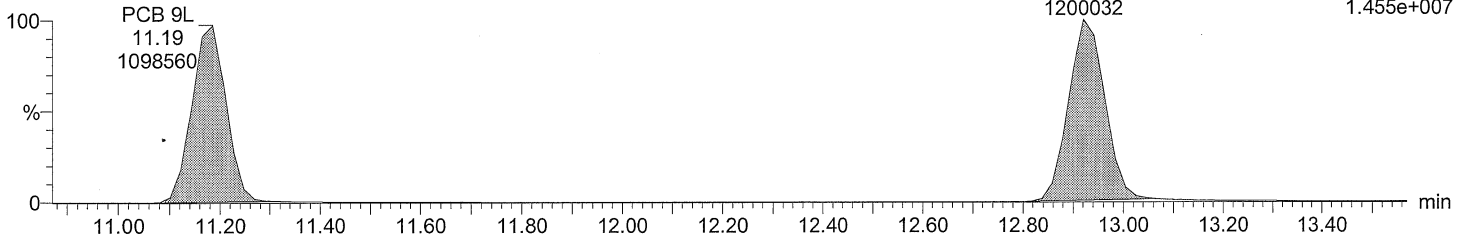
PCB 15 12.94 347562
F2:SIR of 16 channels,EI+ 223.9974 4.180e+006



Total DiCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

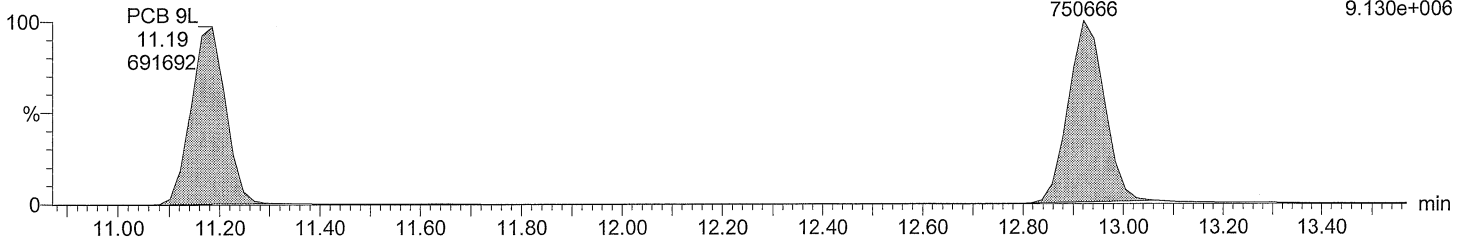
PCB 15L 12.92 1200032
F2:SIR of 16 channels,EI+ 234.0406 1.455e+007



Total DiCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 15L 12.92 750666
F2:SIR of 16 channels,EI+ 236.0376 9.130e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

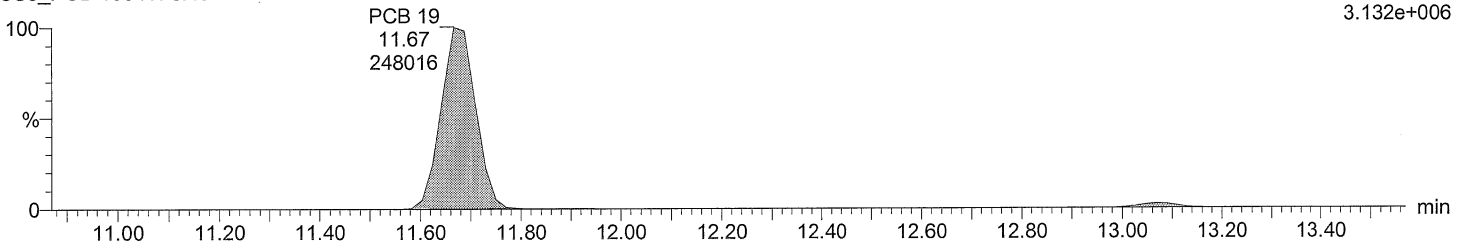
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
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Description: CS3_PCB 150417CXU
Vial: 4
Date: 11-FEB-2016
Time: 20:23:30
Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

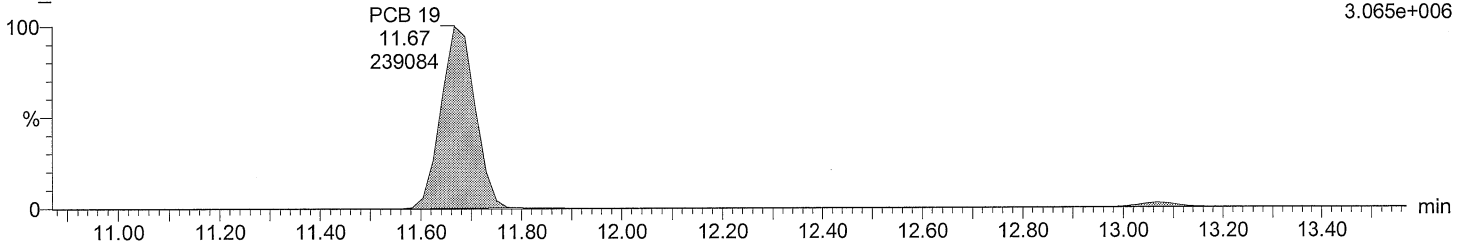
F2:SIR of 16 channels,EI+
255.9614
3.132e+006



Total TriCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

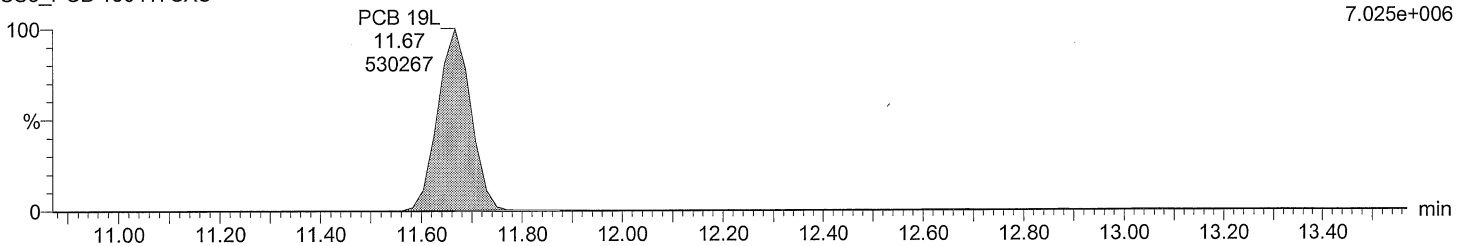
F2:SIR of 16 channels,EI+
257.9584
3.065e+006



Total TriCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

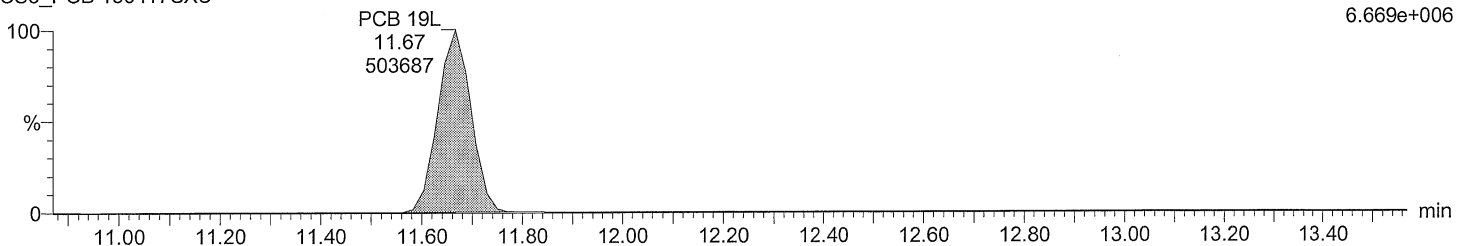
F2:SIR of 16 channels,EI+
268.0016
7.025e+006



Total TriCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F2:SIR of 16 channels,EI+
269.9986
6.669e+006



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Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

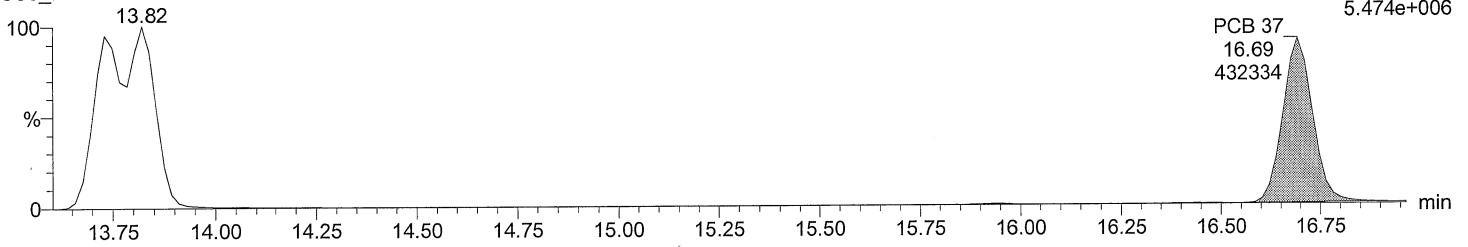
Time: 20:23:30

Instrument: Autospec-UltimaE

Total TriCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

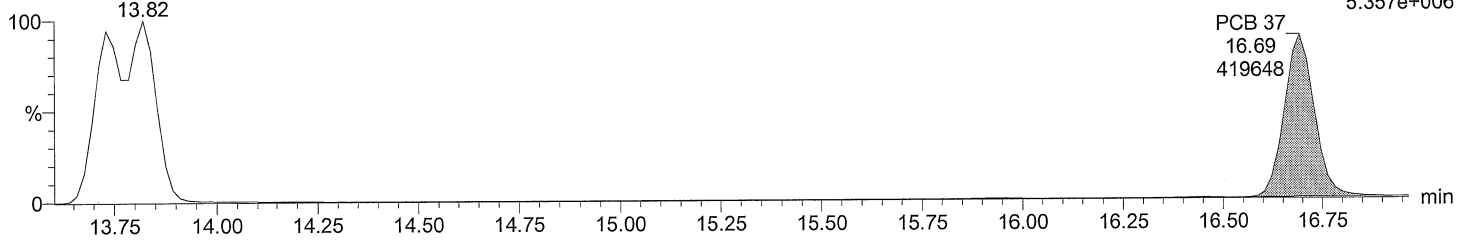
F3:SIR of 14 channels,EI+
255.9614
5.474e+006



Total TriCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

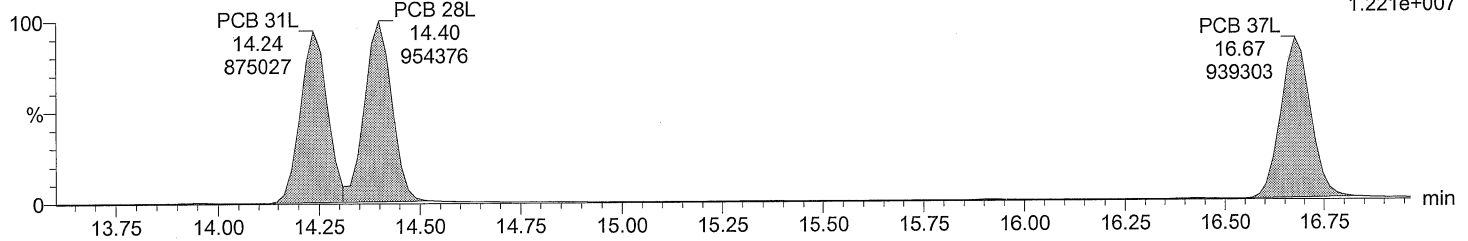
F3:SIR of 14 channels,EI+
257.9584
5.357e+006



Total TriCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

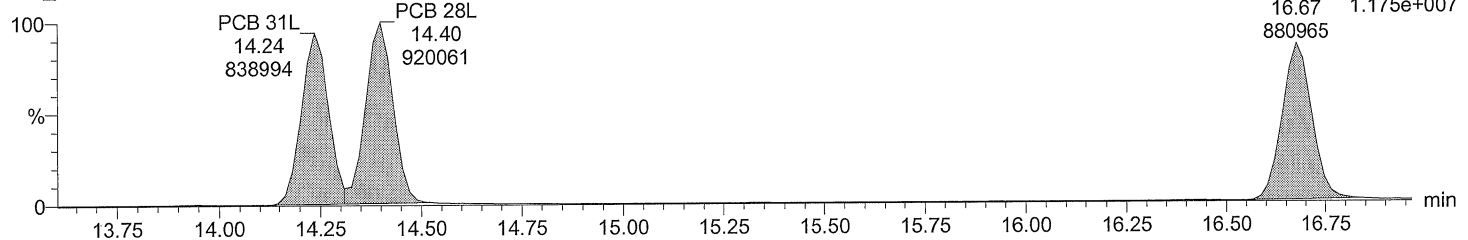
F3:SIR of 14 channels,EI+
268.0016
1.221e+007



Total TriCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F3:SIR of 14 channels,EI+
269.9986
1.175e+007



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Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

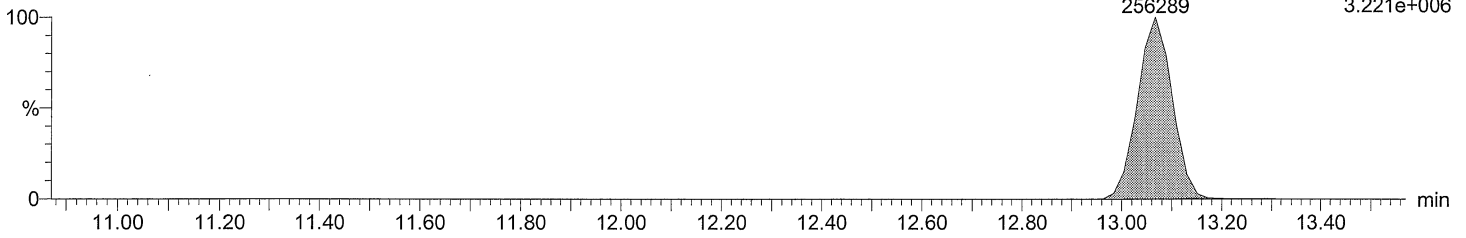
Time: 20:23:30

Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

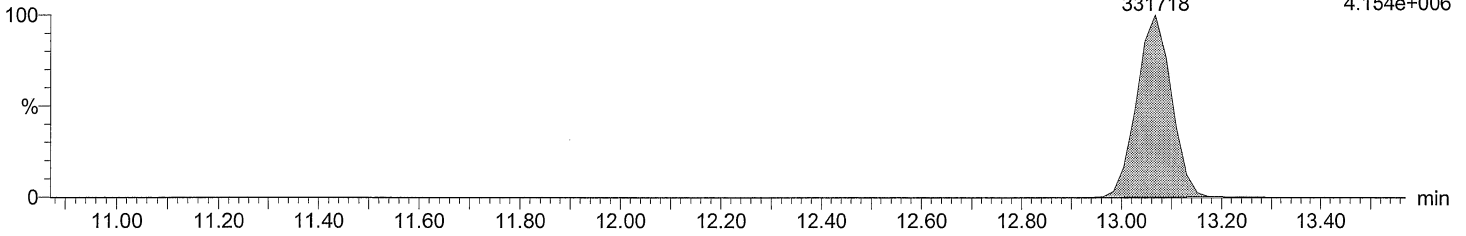
PCB 54 F2:SIR of 16 channels,EI+
13.07 289.9224
256289 3.221e+006



Total TeCB F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

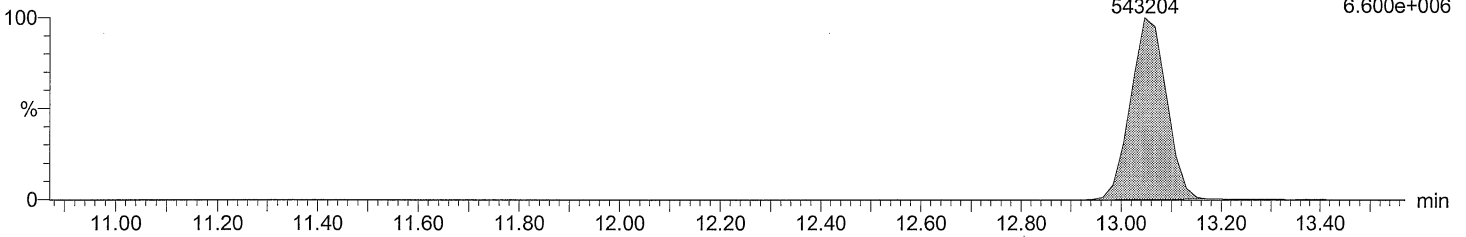
PCB 54 F2:SIR of 16 channels,EI+
13.07 291.9194
331718 4.154e+006



Total TeCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

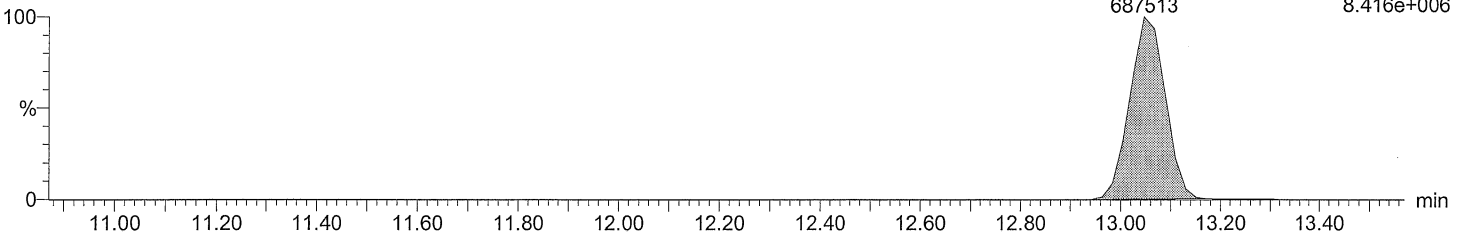
PCB 54L F2:SIR of 16 channels,EI+
13.05 301.9626
543204 6.600e+006



Total TeCB labeled F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+
13.05 303.9597
687513 8.416e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
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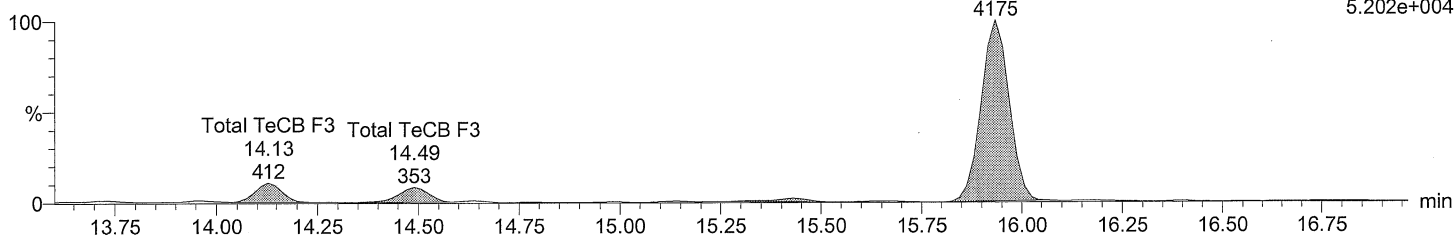
Description: CS3_PCB 150417CXU
Vial: 4
Date: 11-FEB-2016
Time: 20:23:30
Instrument: Autospec-UltimaE

Total TeCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3
15.94
4175

F3:SIR of 14 channels,EI+
289.9224
5.202e+004

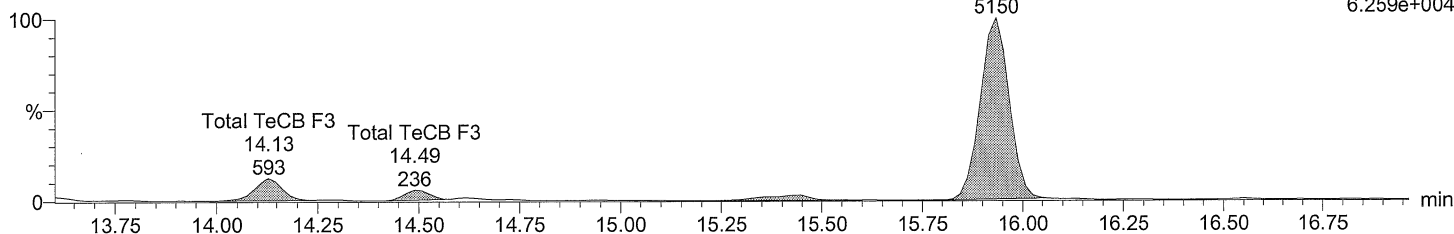


Total TeCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total TeCB F3
15.94
5150

F3:SIR of 14 channels,EI+
291.9194
6.259e+004

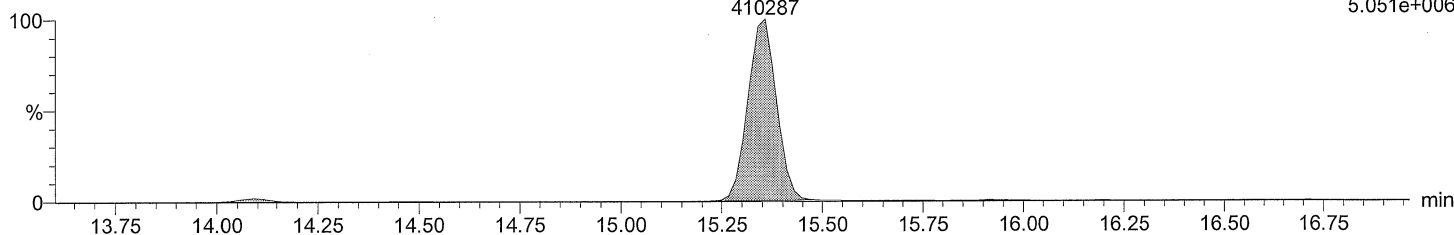


Total TeCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L
15.36
410287

F3:SIR of 14 channels,EI+
301.9626
5.051e+006

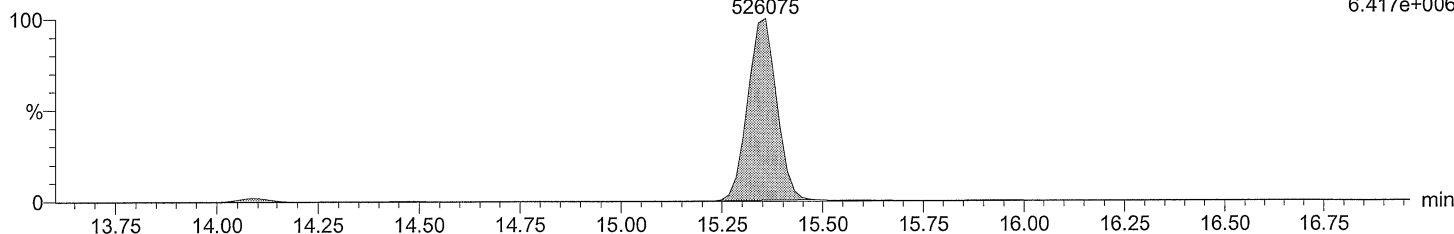


Total TeCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 52L
15.36
526075

F3:SIR of 14 channels,EI+
303.9597
6.417e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

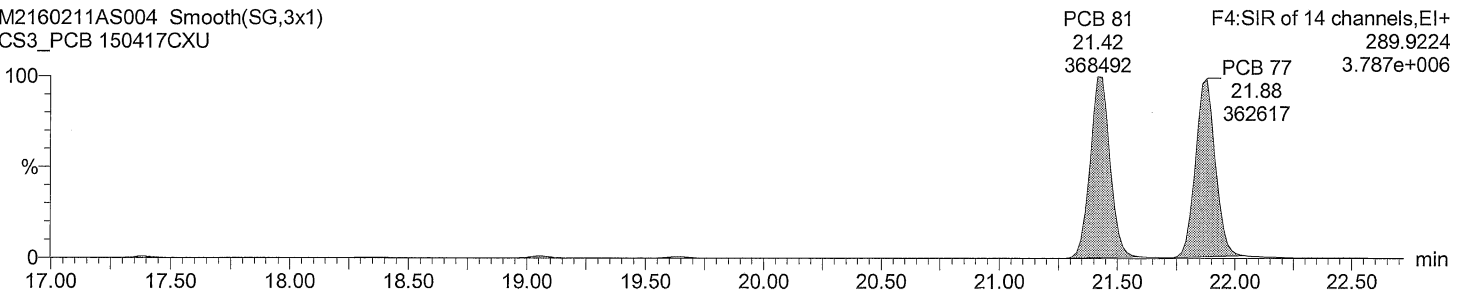
Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

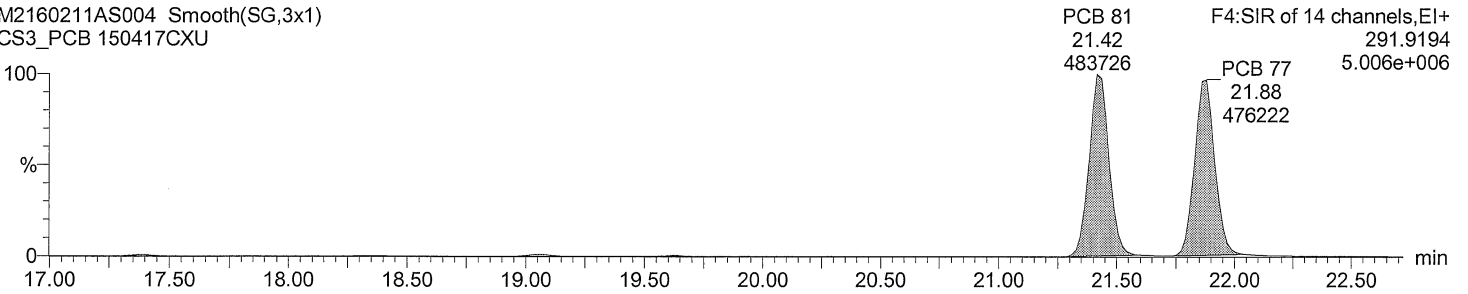
Total TeCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



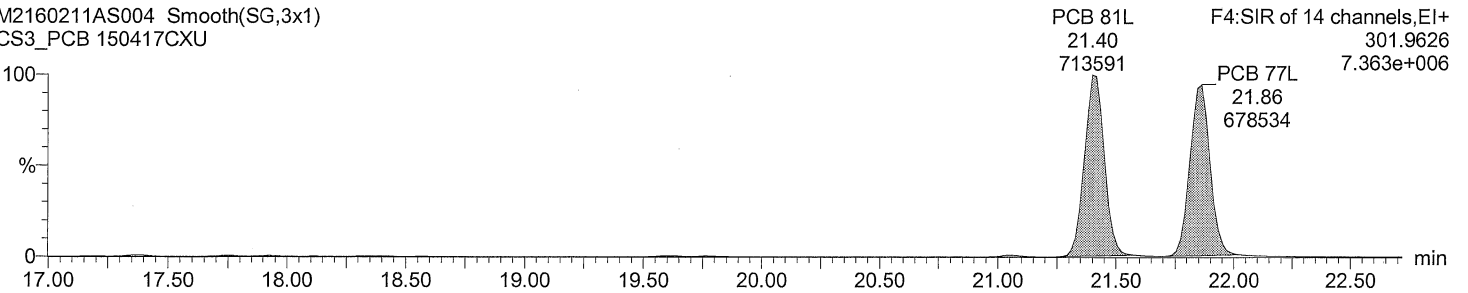
Total TeCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



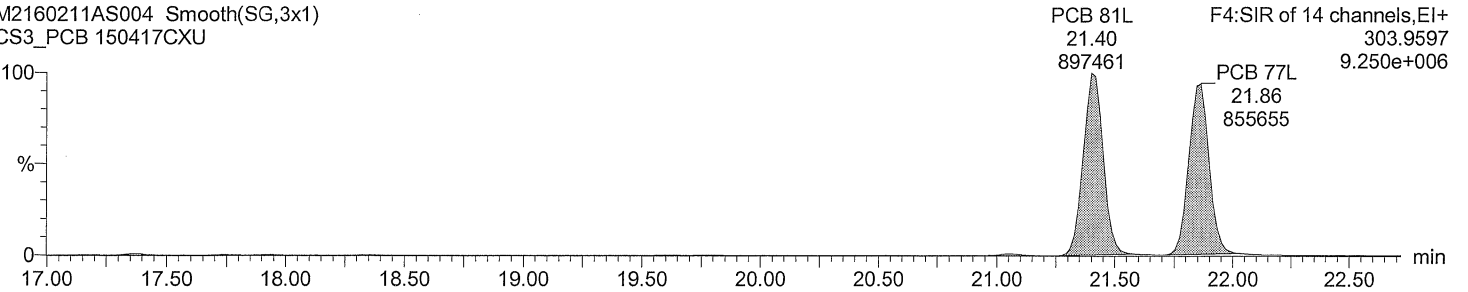
Total TeCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total TeCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

Time: 20:23:30

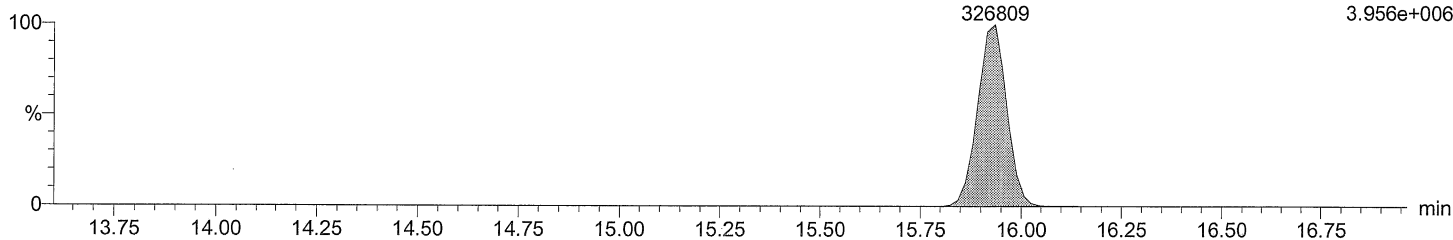
Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.94
326809

F3:SIR of 14 channels,EI+
325.8805
3.956e+006

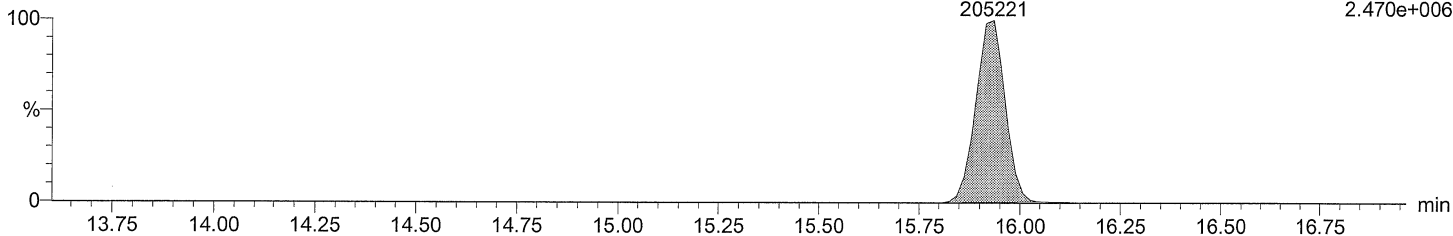


Total PeCB F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104
15.94
205221

F3:SIR of 14 channels,EI+
327.8775
2.470e+006

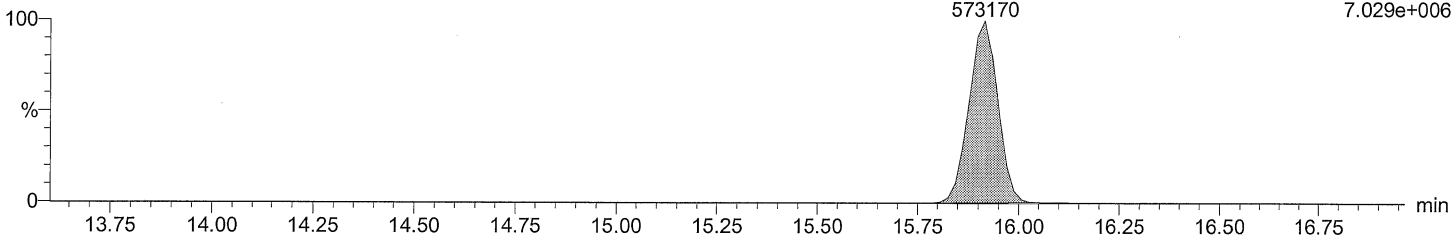


Total PeCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.92
573170

F3:SIR of 14 channels,EI+
337.9207
7.029e+006

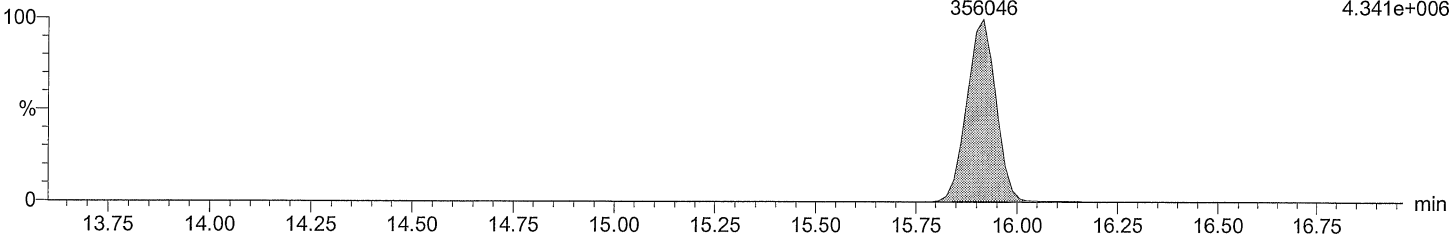


Total PeCB labeled F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 104L
15.92
356046

F3:SIR of 14 channels,EI+
339.9178
4.341e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

Time: 20:23:30

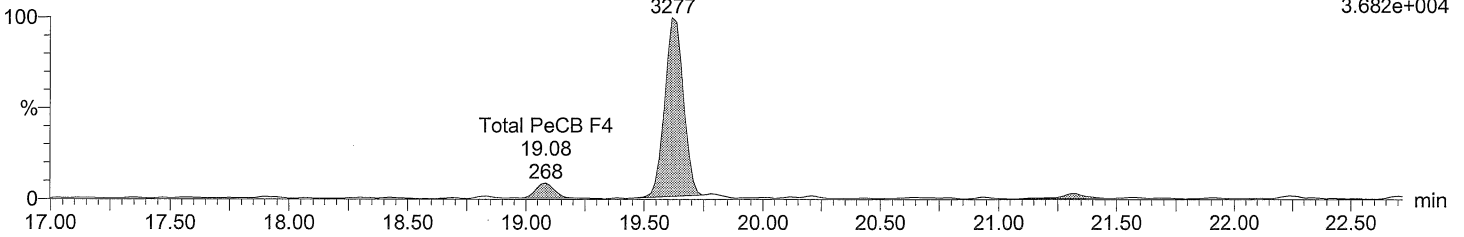
Instrument: Autospec-UltimaE

Total PeCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total PeCB F4
19.62
3277

F4:SIR of 14 channels,EI+
325.8805
3.682e+004

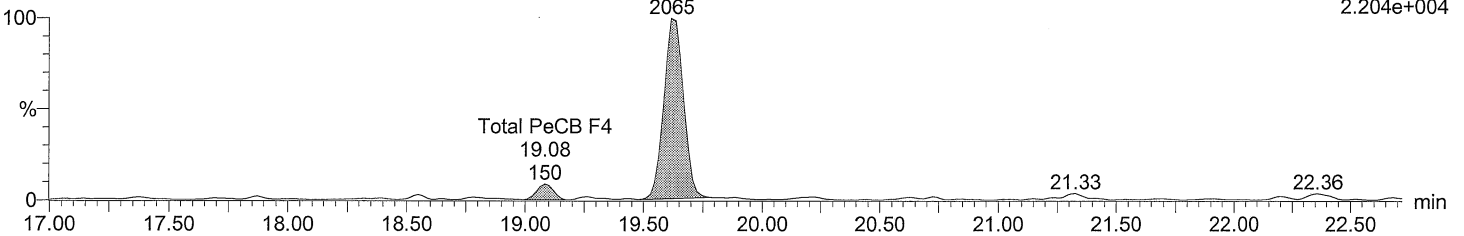


Total PeCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

Total PeCB F4
19.62
2065

F4:SIR of 14 channels,EI+
327.8775
2.204e+004



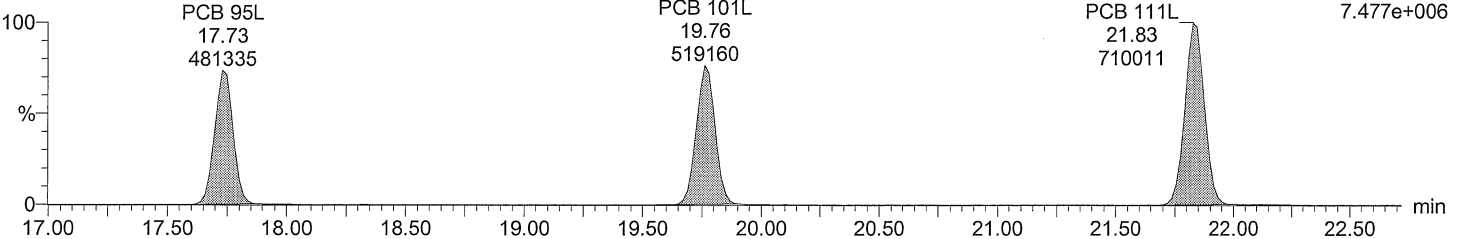
Total PeCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 101L
19.76
519160

PCB 111L
21.83
710011

F4:SIR of 14 channels,EI+
337.9207
7.477e+006



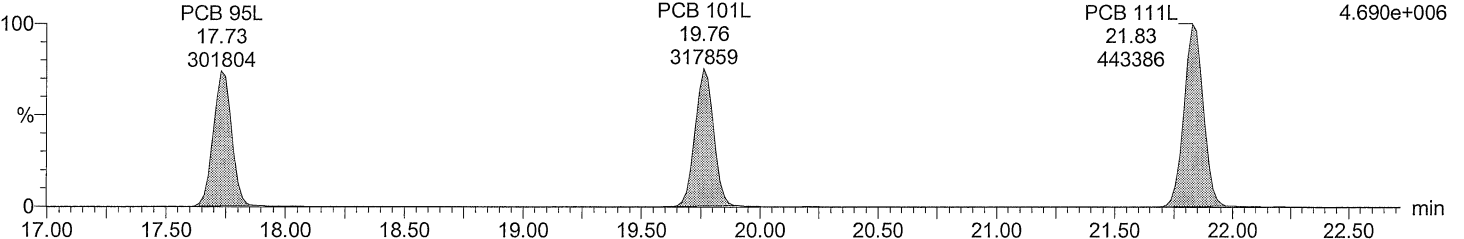
Total PeCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 101L
19.76
317859

PCB 111L
21.83
443386

F4:SIR of 14 channels,EI+
339.9178
4.690e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

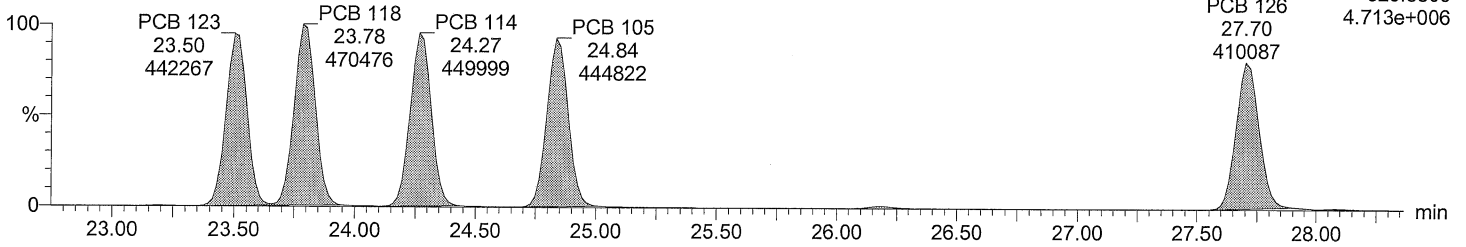
Time: 20:23:30

Instrument: Autospec-UltimaE

Total PeCB F5

M2160211AS004 Smooth(SG,3x1)

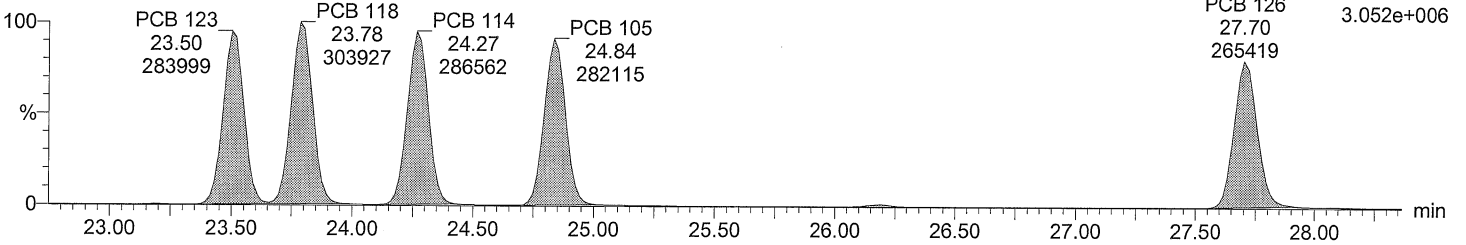
CS3_PCB 150417CXU



Total PeCB F5

M2160211AS004 Smooth(SG,3x1)

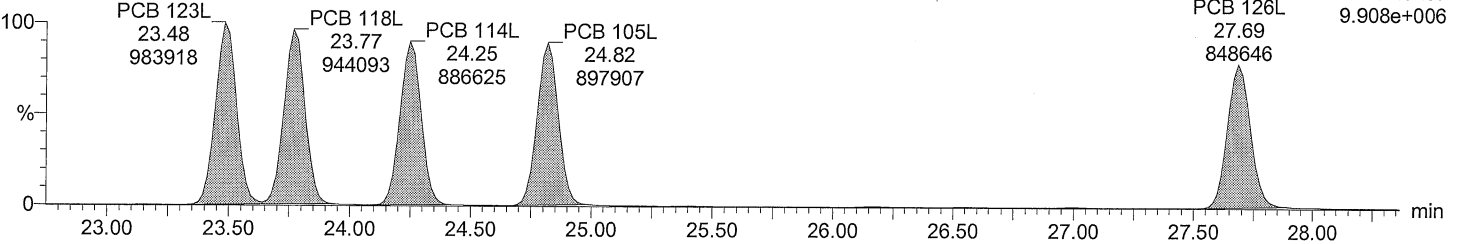
CS3_PCB 150417CXU



Total PeCB labeled F5

M2160211AS004 Smooth(SG,3x1)

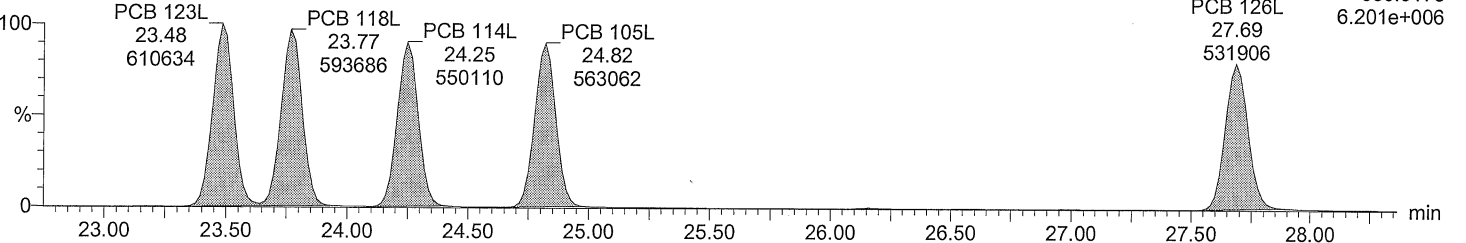
CS3_PCB 150417CXU



Total PeCB labeled F5

M2160211AS004 Smooth(SG,3x1)

CS3_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

Time: 20:23:30

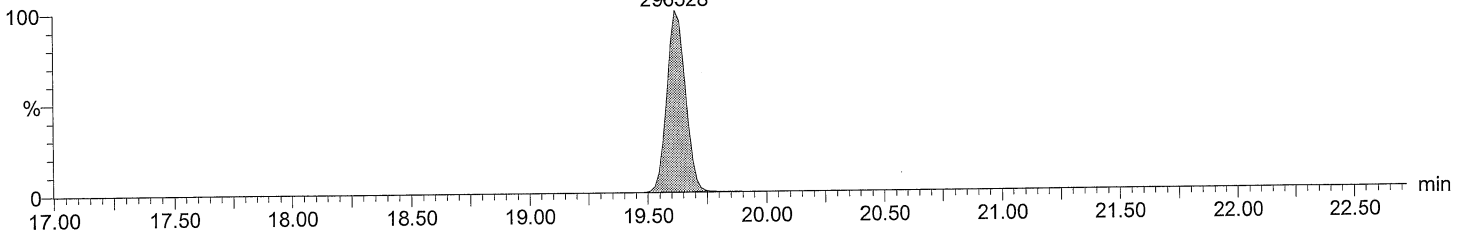
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.62
296528

F4:SIR of 14 channels,EI+
359.8415
3.303e+006

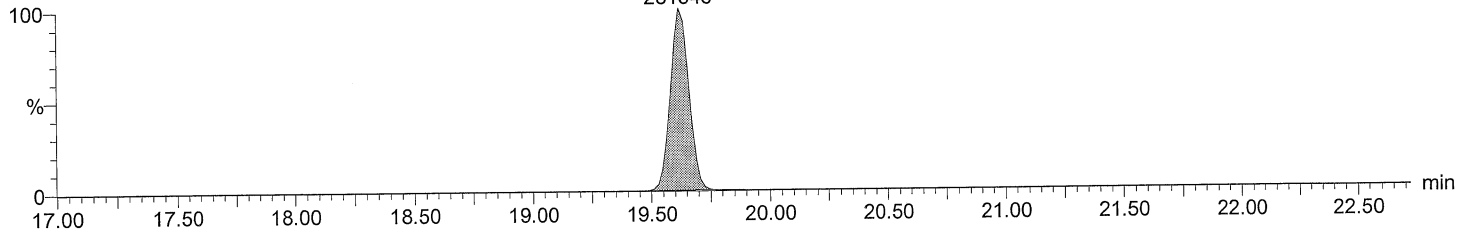


Total HxCB F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155
19.62
231546

F4:SIR of 14 channels,EI+
361.8385
2.589e+006

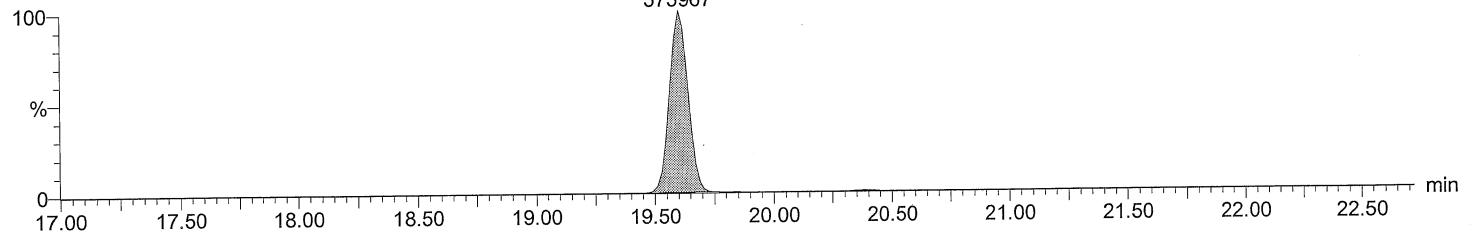


Total HxCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.60
575967

F4:SIR of 14 channels,EI+
371.8817
6.451e+006

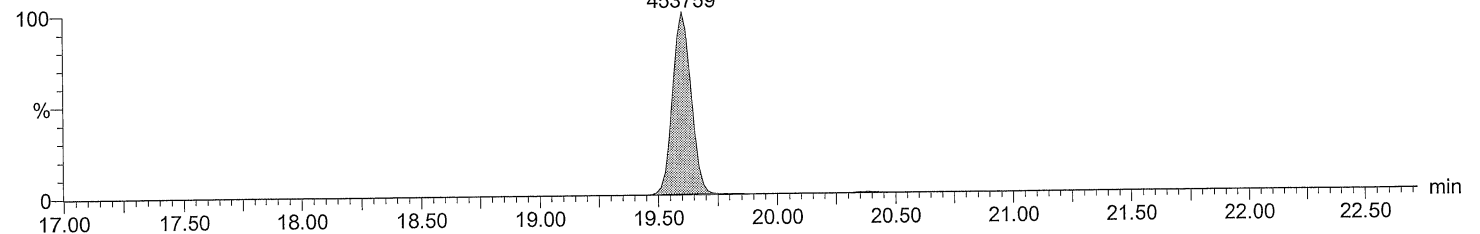


Total HxCB labeled F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 155L
19.60
453759

F4:SIR of 14 channels,EI+
373.8788
5.089e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

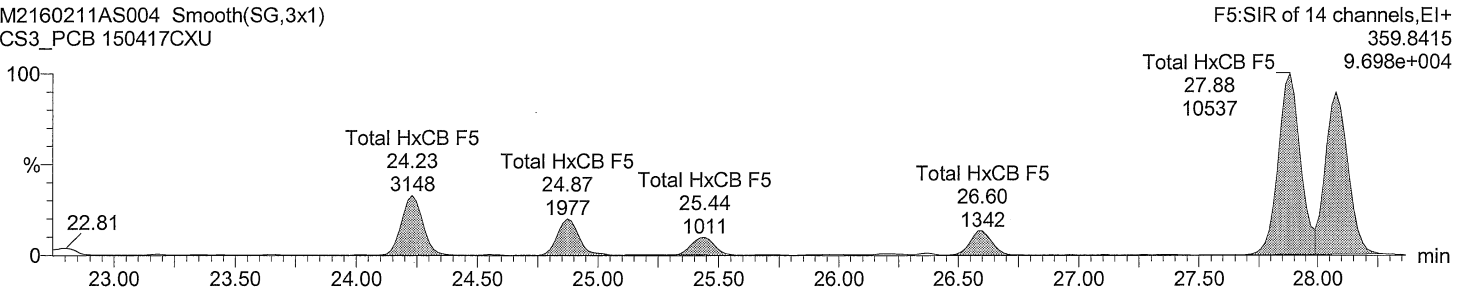
Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

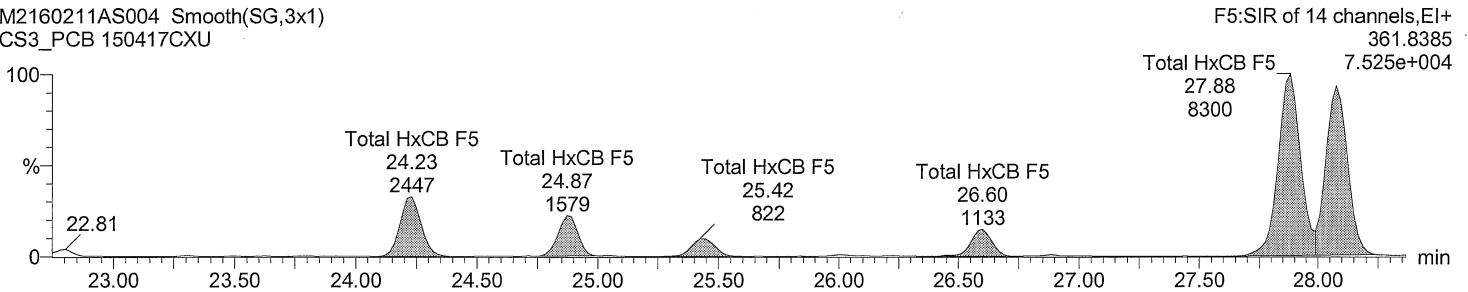
Total HxCB F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



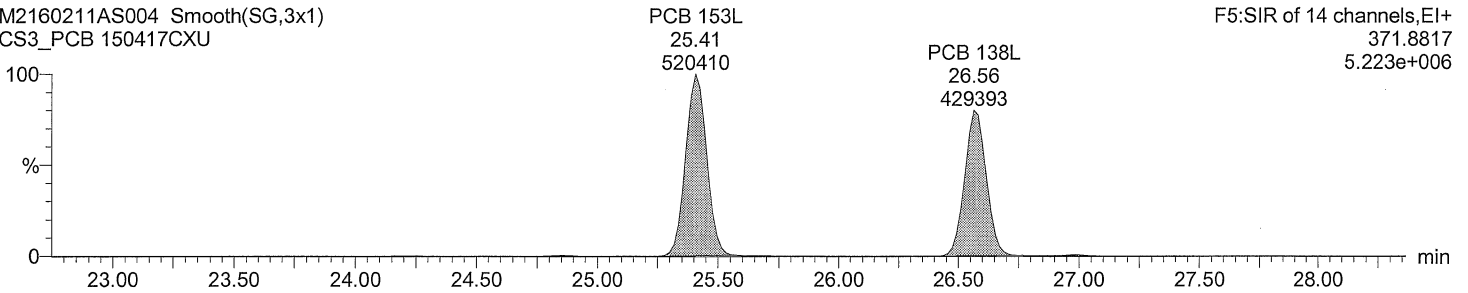
Total HxCB F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



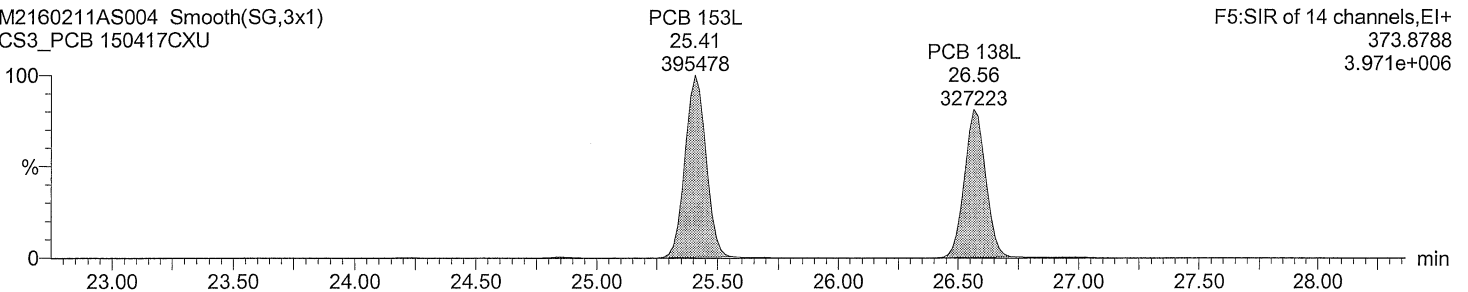
Total HxCB labeled F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HxCB labeled F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

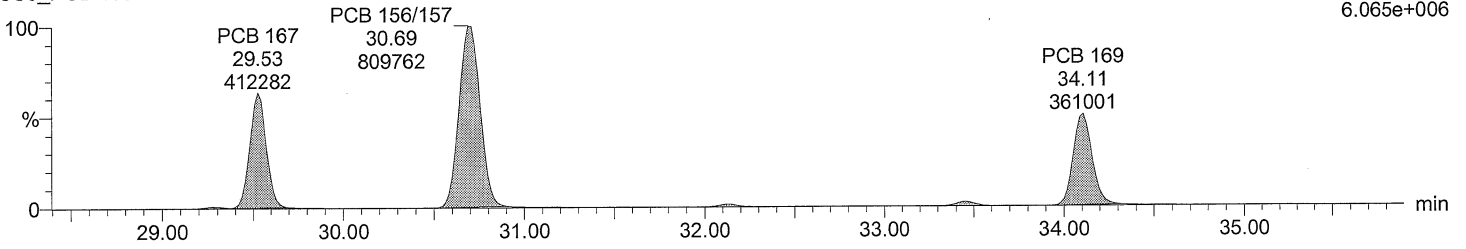
Time: 20:23:30

Instrument: Autospec-UltimaE

Total HxCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

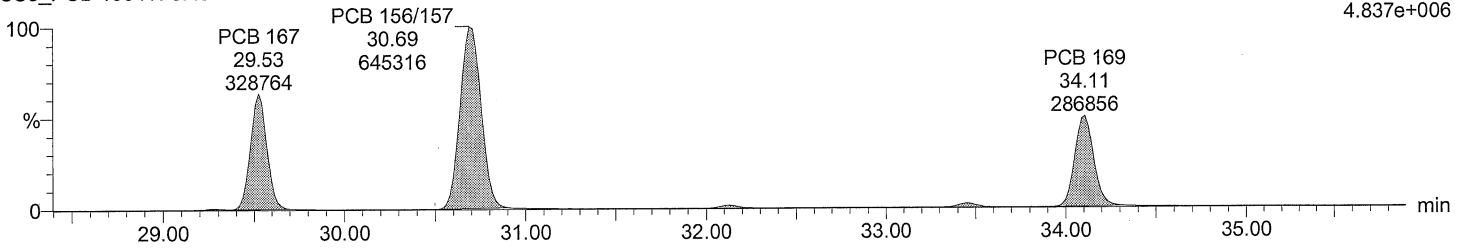
F6:SIR of 14 channels,EI+
359.8415
6.065e+006



Total HxCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

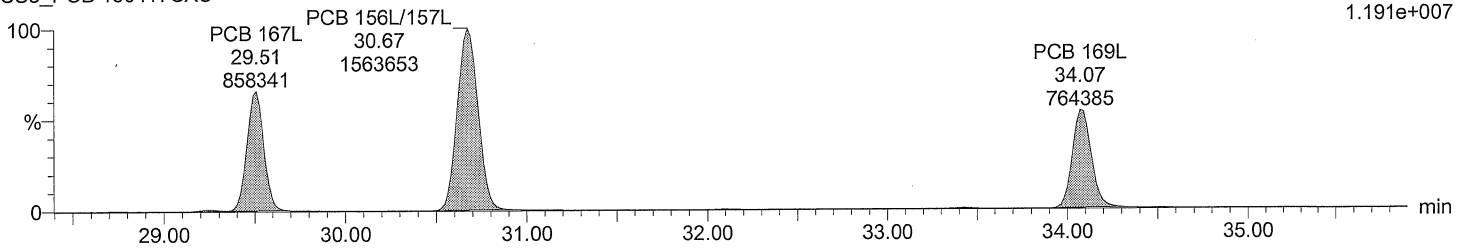
F6:SIR of 14 channels,EI+
361.8385
4.837e+006



Total HxCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

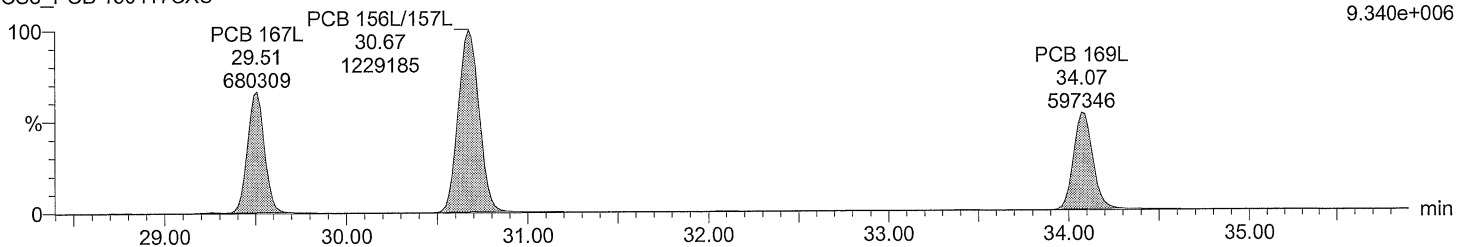
F6:SIR of 14 channels,EI+
371.8817
1.191e+007



Total HxCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F6:SIR of 14 channels,EI+
373.8788
9.340e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

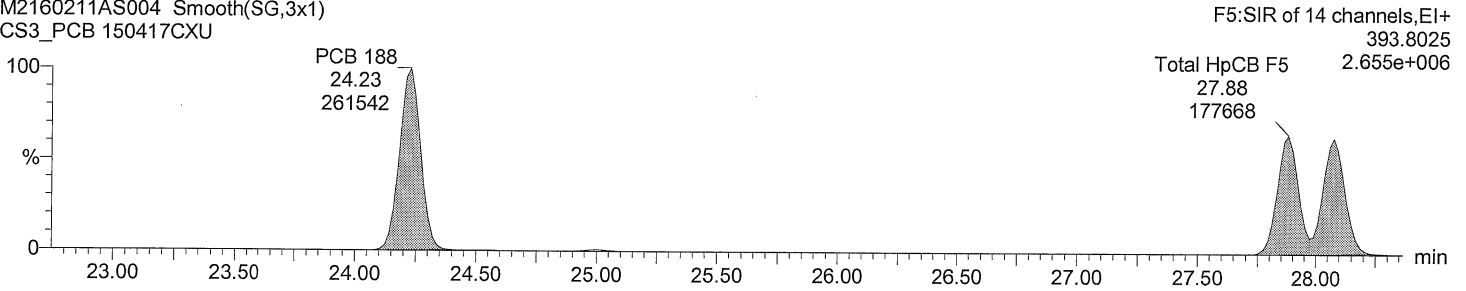
Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

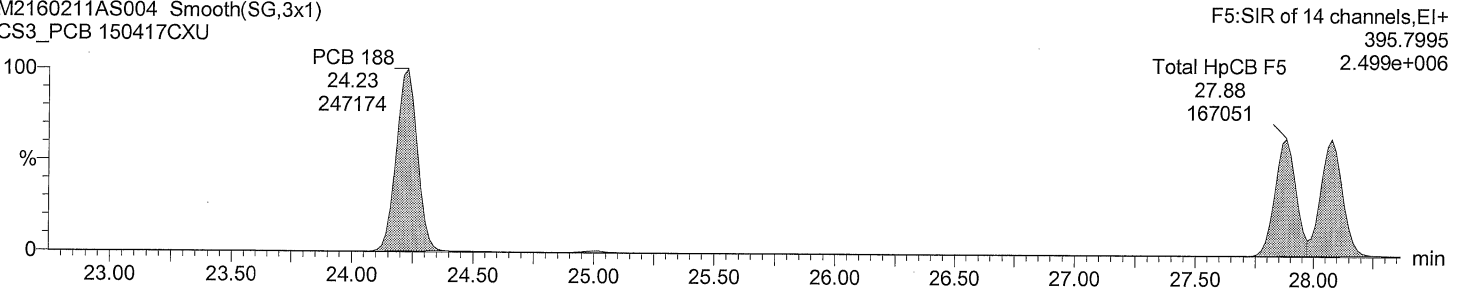
Total HpCB F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



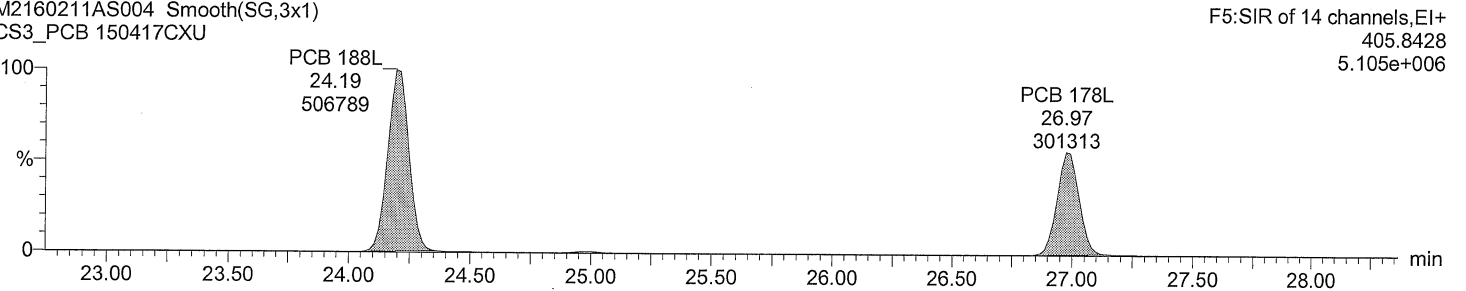
Total HpCB F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



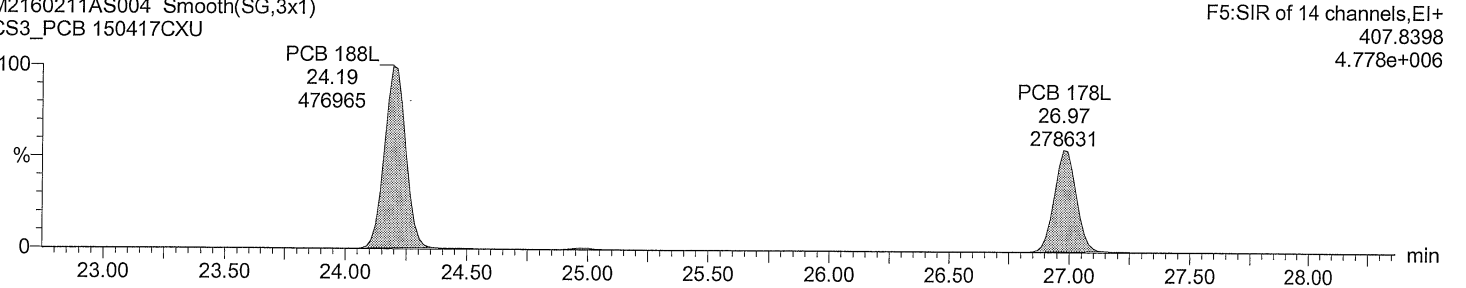
Total HpCB labeled F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Total HpCB labeled F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

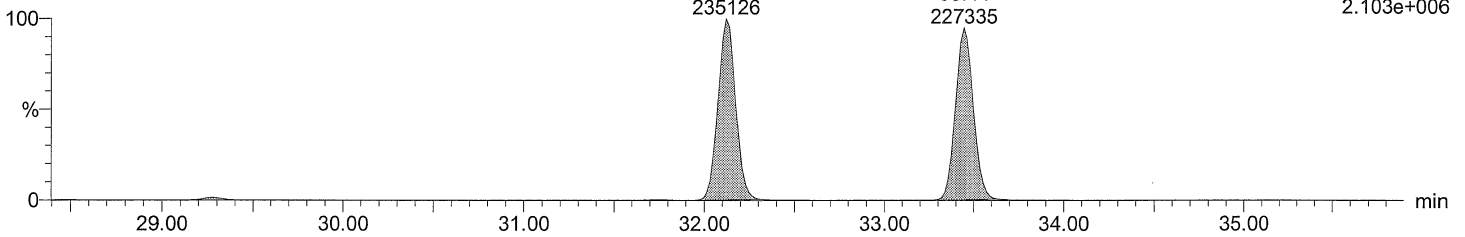
Total HpCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
32.12
235126

PCB 170
33.44
227335

F6:SIR of 14 channels,EI+
393.8025
2.103e+006



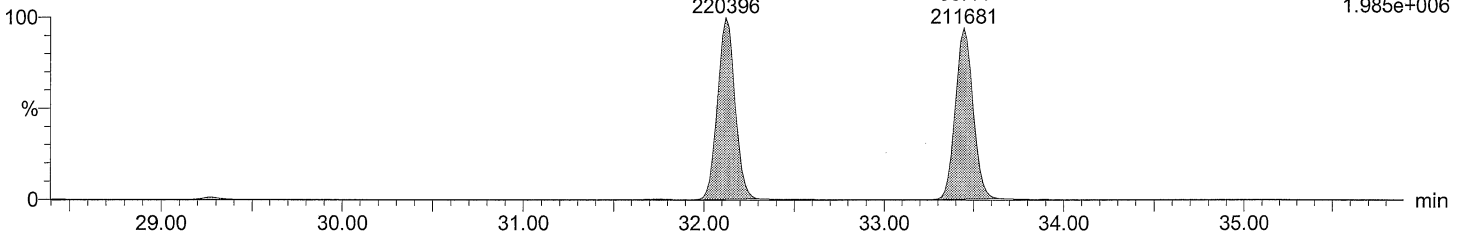
Total HpCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 193/180
32.12
220396

PCB 170
33.44
211681

F6:SIR of 14 channels,EI+
395.7995
1.985e+006



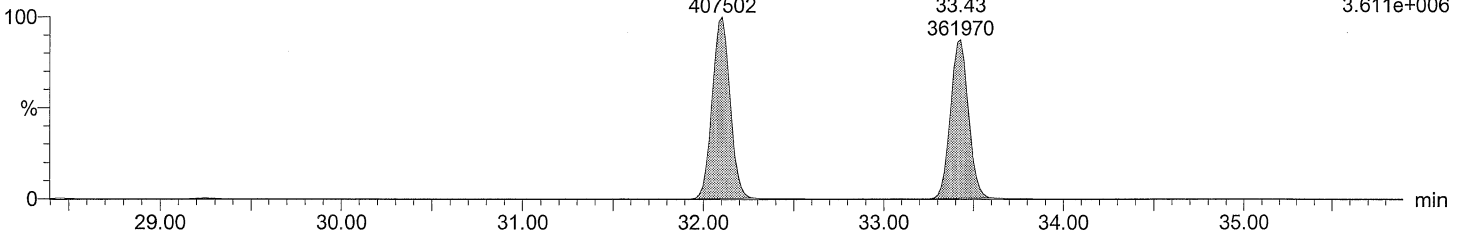
Total HpCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
32.10
407502

PCB 170L
33.43
361970

F6:SIR of 14 channels,EI+
405.8428
3.611e+006



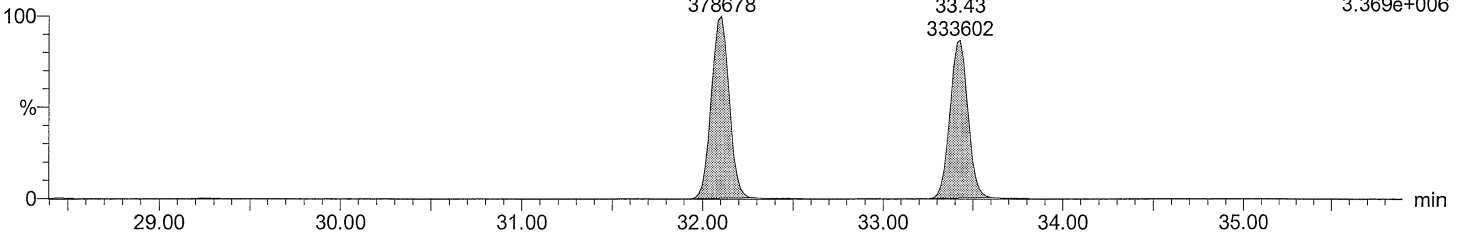
Total HpCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

PCB 180L
32.10
378678

PCB 170L
33.43
333602

F6:SIR of 14 channels,EI+
407.8398
3.369e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

Total HpCB F7

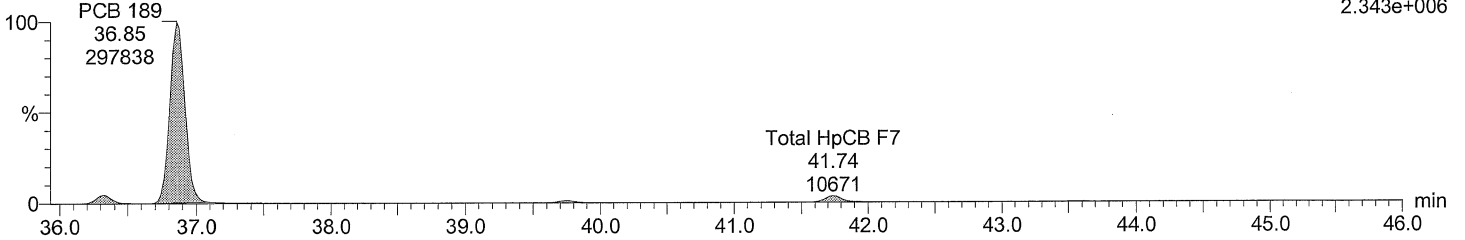
M2160211AS004 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:SIR of 18 channels,EI+

393.8025

2.343e+006



Total HpCB F7

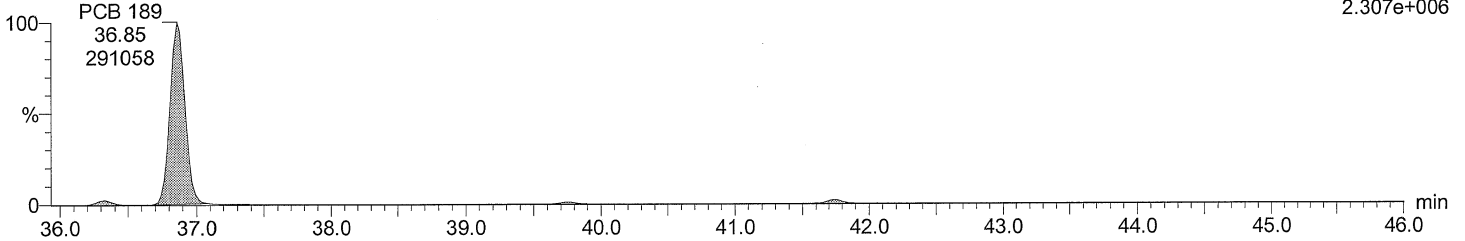
M2160211AS004 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:SIR of 18 channels,EI+

395.7995

2.307e+006



Total HpCB labeled F7

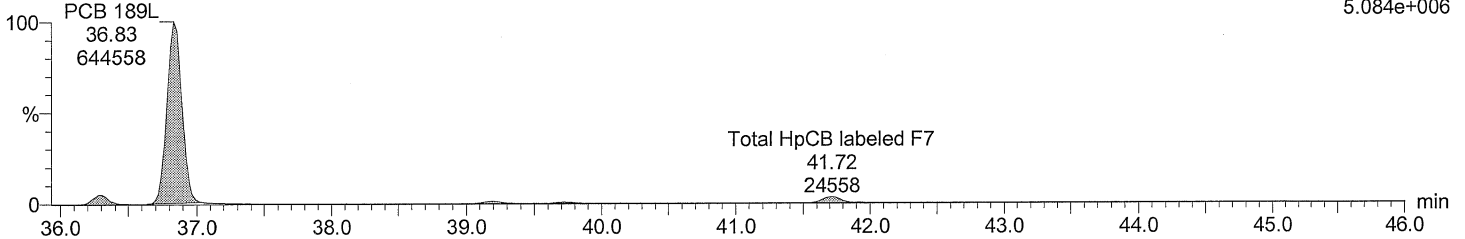
M2160211AS004 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:SIR of 18 channels,EI+

405.8428

5.084e+006



Total HpCB labeled F7

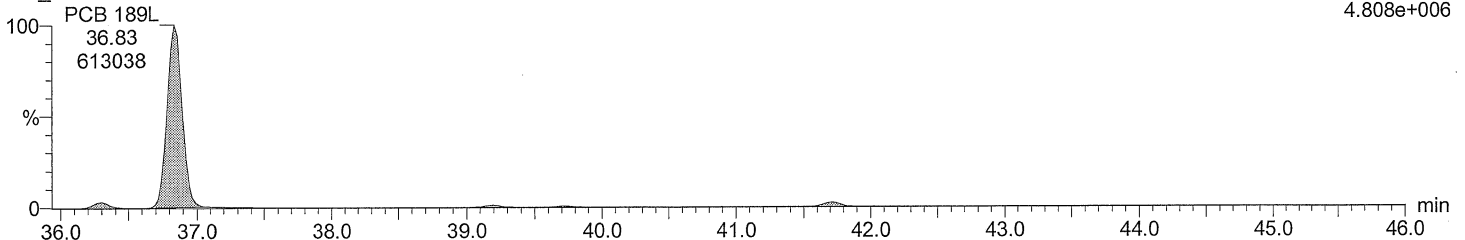
M2160211AS004 Smooth(SG,3x1)

CS3_PCB 150417CXU

F7:SIR of 18 channels,EI+

407.8398

4.808e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

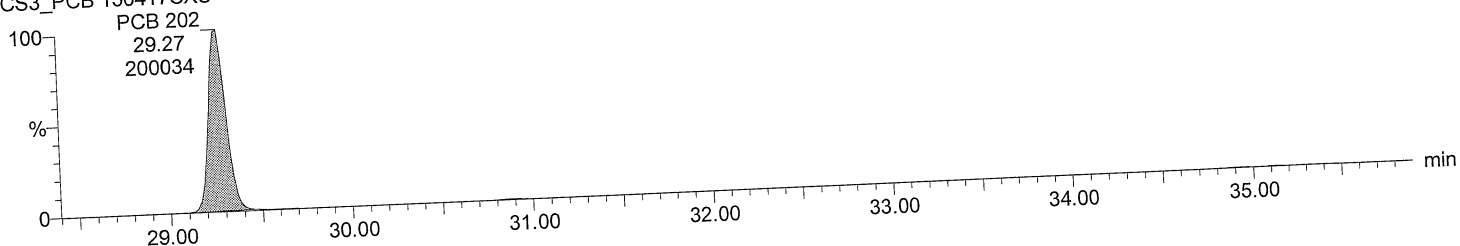
Time: 20:23:30

Instrument: Autospec-UltimaE

Total OcCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

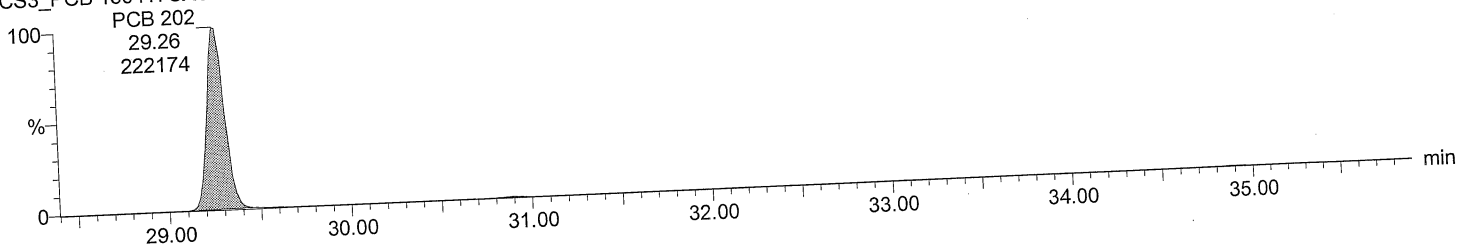
F6:SIR of 14 channels, EI+
427.7635
1.846e+006



Total OcCB F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

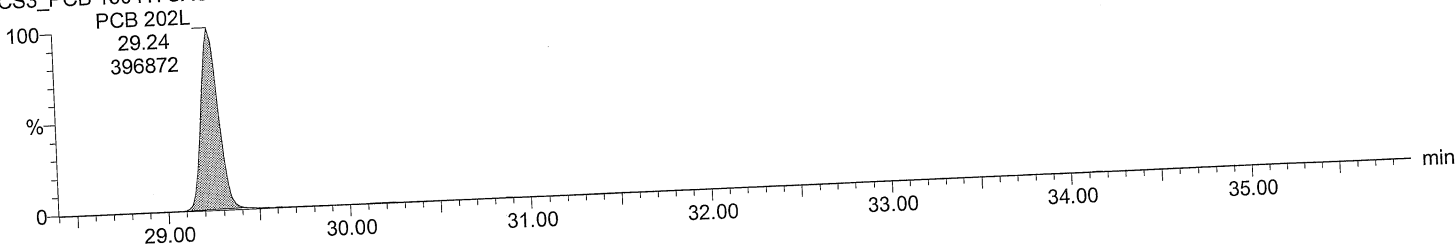
F6:SIR of 14 channels, EI+
429.7606
2.043e+006



Total OcCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

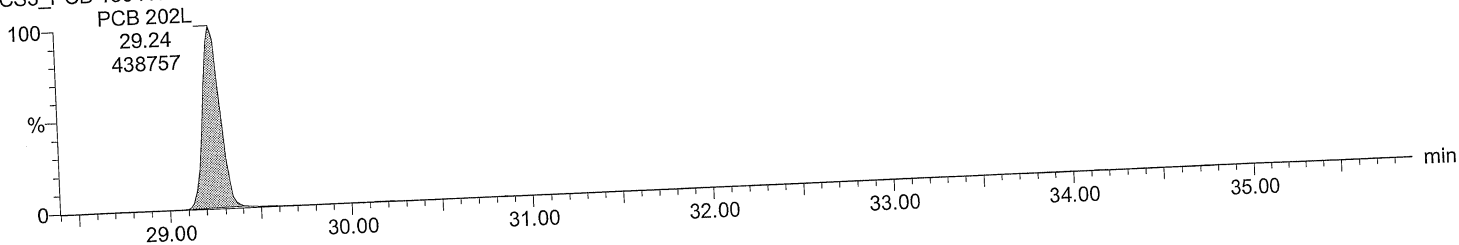
F6:SIR of 14 channels, EI+
439.8038
3.733e+006



Total OcCB labeled F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F6:SIR of 14 channels, EI+
441.8008
4.110e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

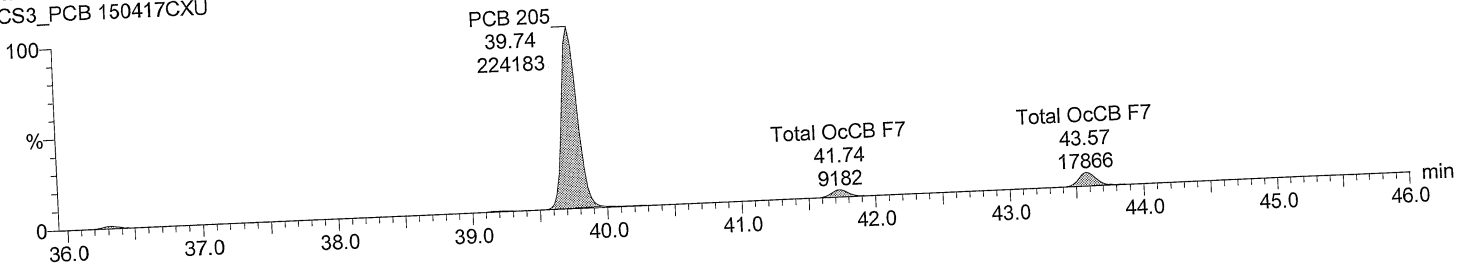
Time: 20:23:30

Instrument: Autospec-UltimaE

Total OcCB F7

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

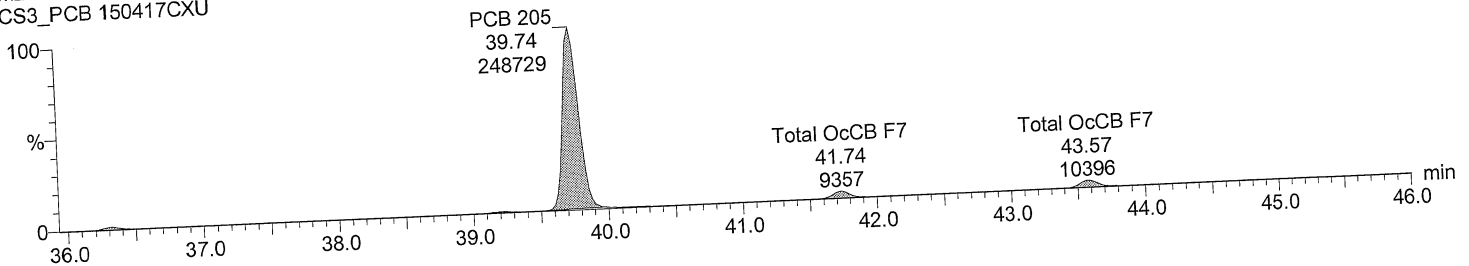
F7:SIR of 18 channels, EI+
427.7635
1.719e+006



Total OcCB F7

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

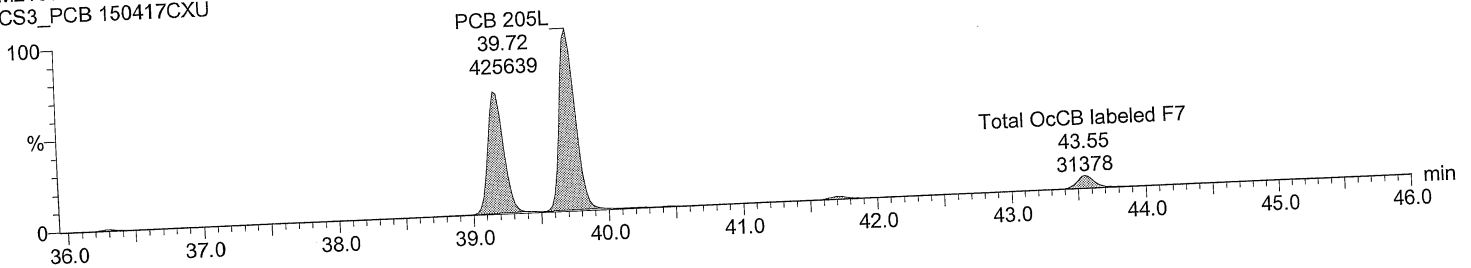
F7:SIR of 18 channels, EI+
429.7606
1.904e+006



Total OcCB labeled F7

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

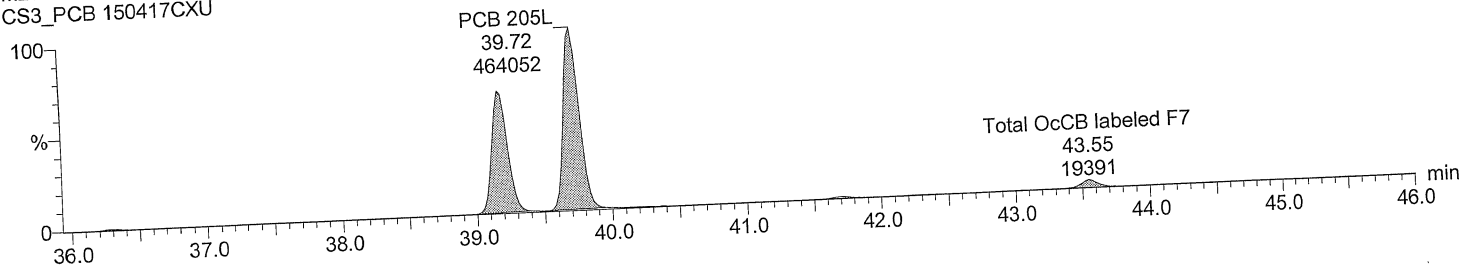
F7:SIR of 18 channels, EI+
439.8038
3.259e+006



Total OcCB labeled F7

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F7:SIR of 18 channels, EI+
441.8008
3.532e+006



Quantify Sample Report **MassLynx 4.0 SP1**
 Acquired Date

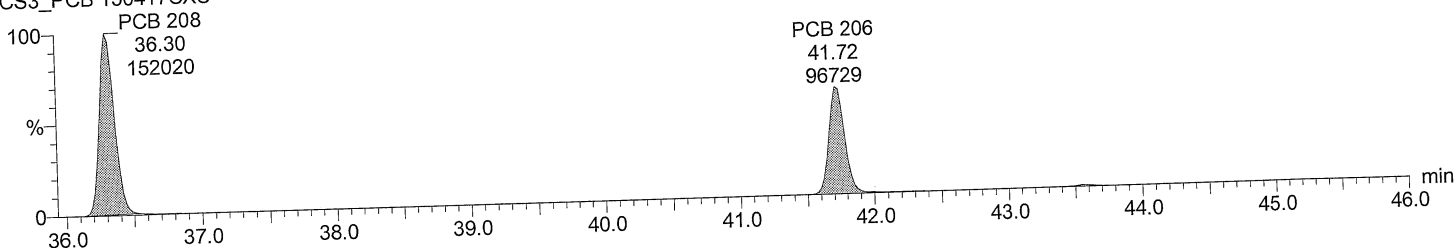
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU
Vial: 4
Date: 11-FEB-2016
Time: 20:23:30
Instrument: Autospec-UltimaE

Total NoCB F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

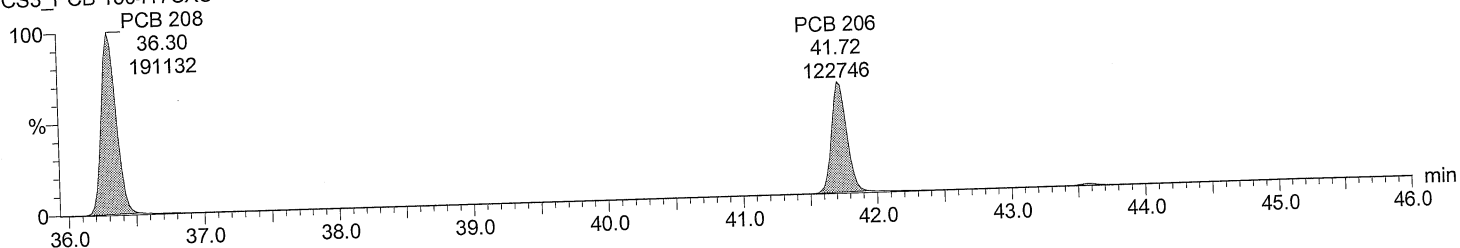
F7:SIR of 18 channels, EI+
 461.7246
 1.210e+006



Total NoCB F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

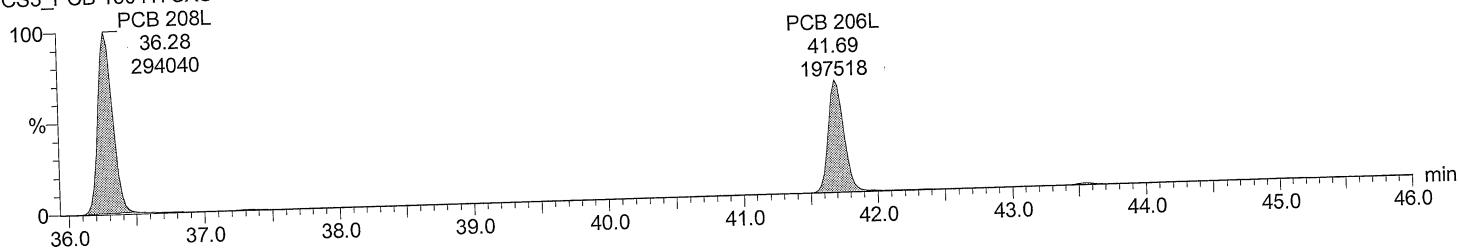
F7:SIR of 18 channels, EI+
 463.7216
 1.532e+006



Total NoCB labeled F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

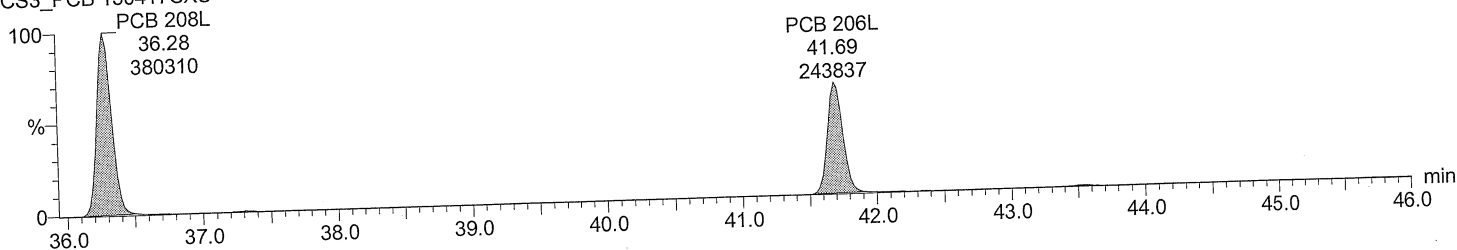
F7:SIR of 18 channels, EI+
 473.7648
 2.373e+006



Total NoCB labeled F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

F7:SIR of 18 channels, EI+
 475.7619
 3.053e+006



Quantify Sample Report **MassLynx 4.0 SP1**
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Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

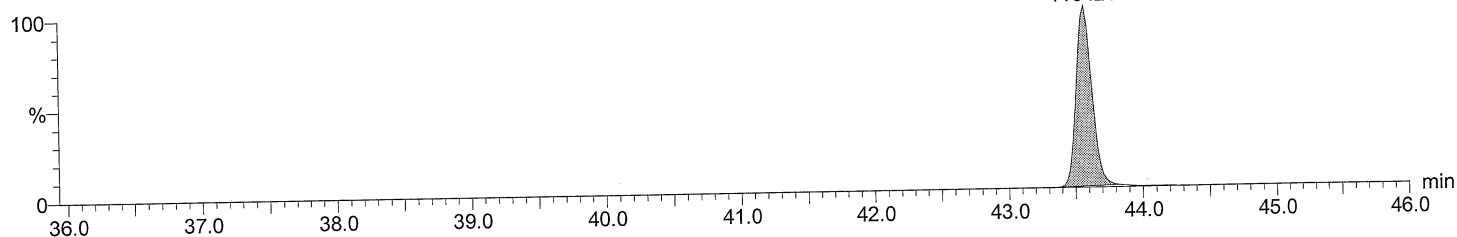
Time: 20:23:30

Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

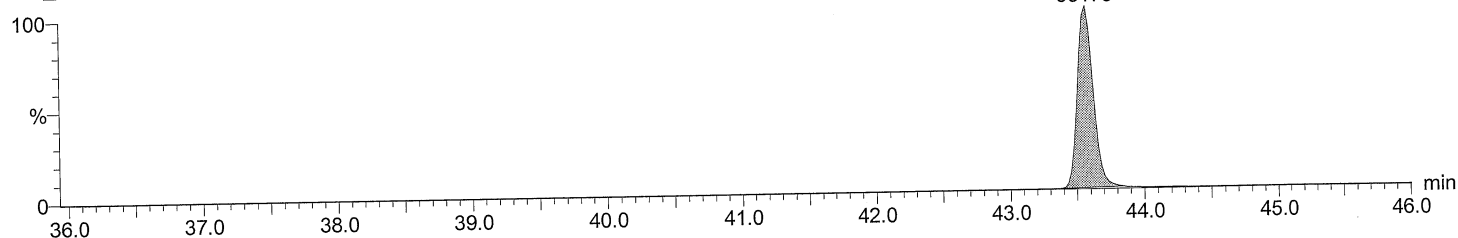
PCB 209 F7:SIR of 18 channels,EI+
 43.57 497.6826
 113421 8.456e+005



Total DeCB F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

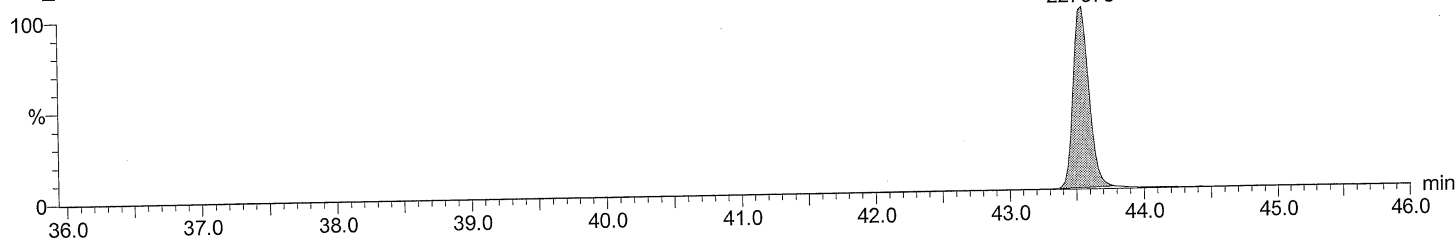
PCB 209 F7:SIR of 18 channels,EI+
 43.57 499.6797
 93173 6.948e+005



Total DeCB labeled F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

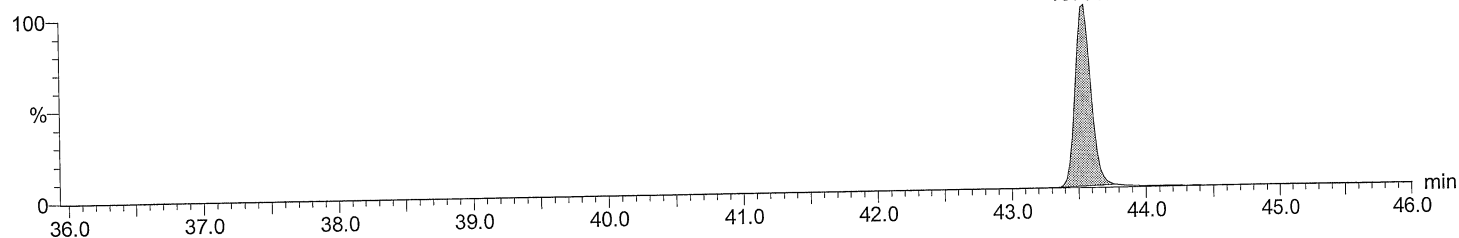
PCB 209L F7:SIR of 18 channels,EI+
 43.55 509.7229
 227378 1.684e+006



Total DeCB labeled F7

M2160211AS004 Smooth(SG,3x1)
 CS3_PCB 150417CXU

PCB 209L F7:SIR of 18 channels,EI+
 43.55 511.7199
 187368 1.386e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

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Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

Date: 11-FEB-2016

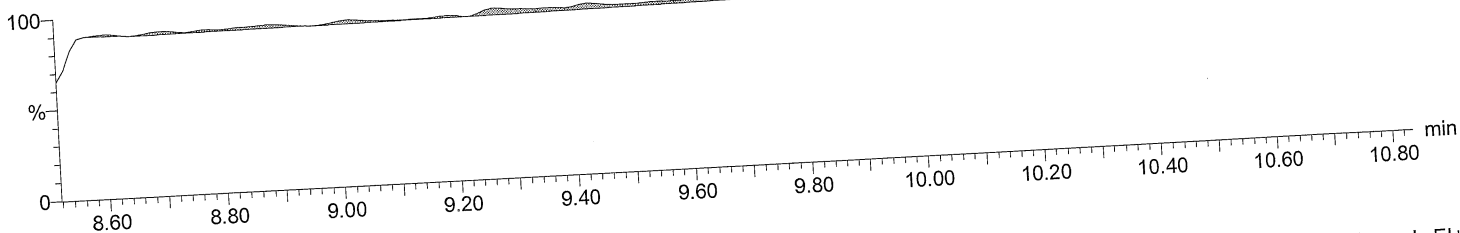
Time: 20:23:30

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

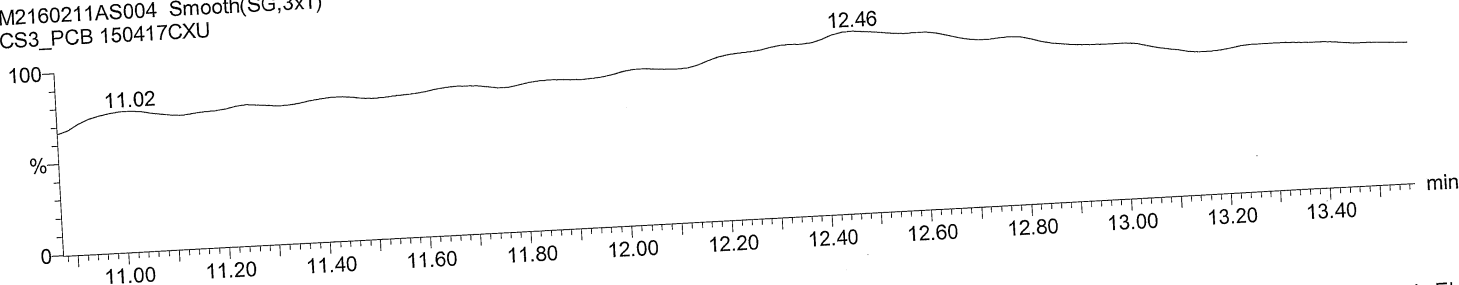
F1:SIR of 10 channels, EI+
218.9856
4.372e+006



lockmass F2

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

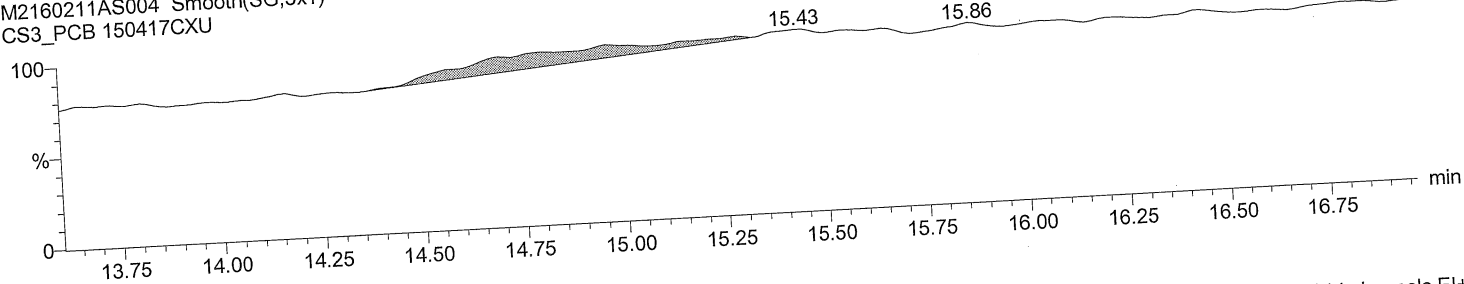
F2:SIR of 16 channels, EI+
242.9856
1.760e+006



lockmass F3

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

F3:SIR of 14 channels, EI+
292.9824
1.368e+006

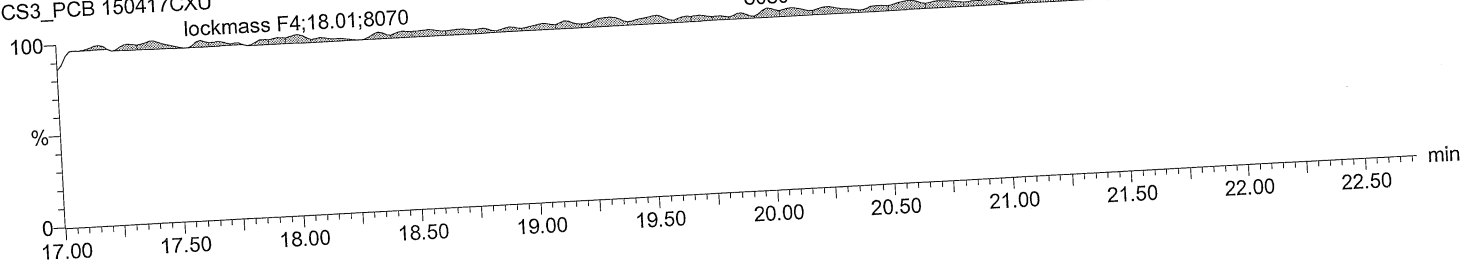


lockmass F4

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU

lockmass F4	lockmass F4	lockmass F4
19.99	20.60	21.15
8080	13150	14459

F4:SIR of 14 channels, EI+
330.9792
2.014e+006



Quantify Sample Report **MassLynx 4.0 SP1**

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Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS3_PCB 150417CXU

Vial: 4

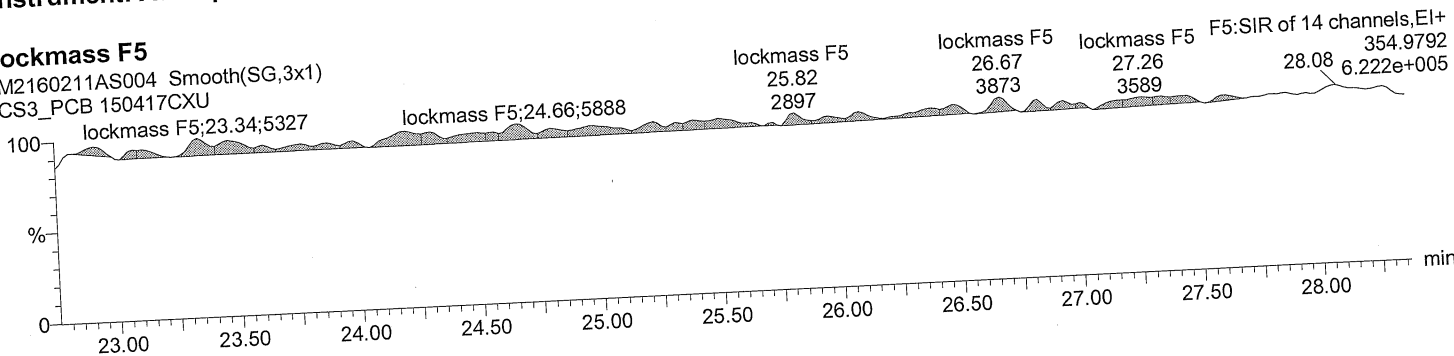
Date: 11-FEB-2016

Time: 20:23:30

Instrument: Autospec-UltimaE

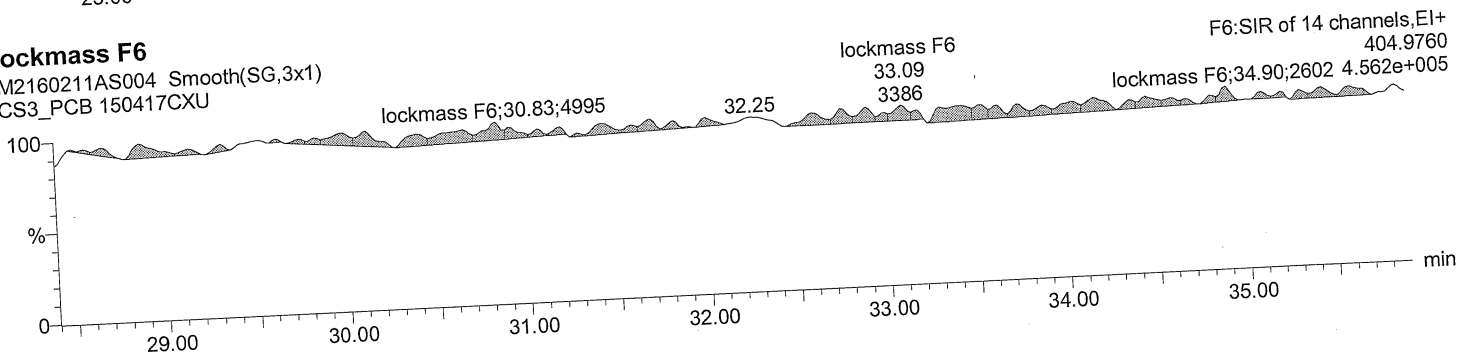
lockmass F5

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



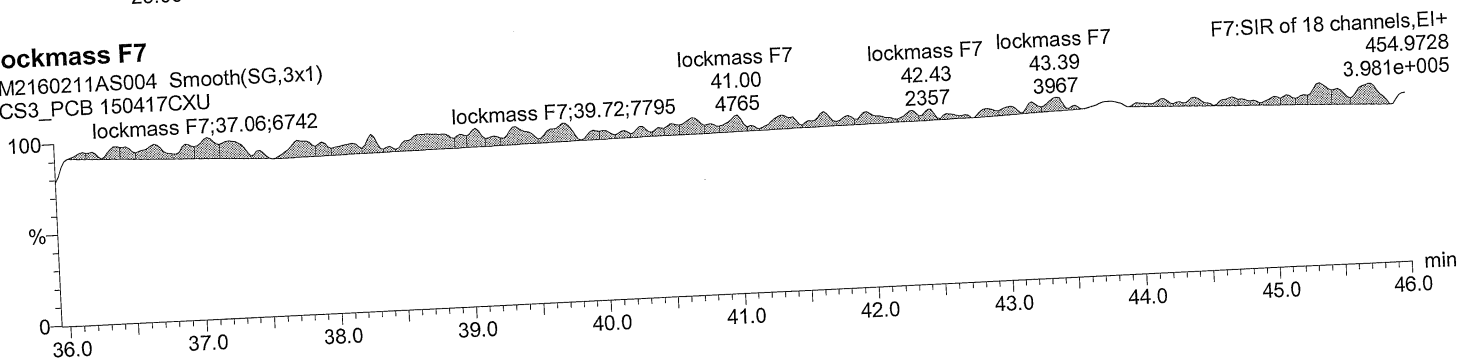
lockmass F6

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



lockmass F7

M2160211AS004 Smooth(SG,3x1)
CS3_PCB 150417CXU



Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

Description: CS4_PCB 150417CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1 PCB 1	8.99	1.001	6550439	2069035	3.17	YES	bb	411.493	2.9	103	29	1.113
2 PCB 3	10.19	1.001	7116279	2243259	3.17	YES	bd	408.963	2.2	102	30	1.103
3 PCB 4	10.30	1.001	3221299	2039197	1.58	YES	bb	428.272	7.1	107	31	1.021
4 PCB 15	12.93	1.000	5439488	3609118	1.51	YES	bb	408.629	2.2	102	32	0.889
5 PCB 19	11.68	1.002	2797092	2687528	1.04	YES	bb	438.071	9.5	110	33	0.984
6 PCB 37	16.68	1.000	4881579	4756470	1.03	YES	bb	414.836	3.7	104	34	0.939
7 PCB 54	13.06	1.000	2504893	3178847	0.79	YES	bb	426.236	6.6	107	35	0.970
8 PCB 81	21.42	1.001	4168597	5424468	0.77	YES	bb	417.133	4.3	104	36	1.071
9 PCB 77	21.87	1.001	4151869	5430192	0.76	YES	bb	408.553	2.1	102	37	1.100
10 PCB 104	15.92	1.001	3560043	2245549	1.59	YES	bb	425.597	6.4	106	38	1.164
11 PCB 123	23.51	1.001	4991459	3240873	1.54	YES	bd	414.791	3.7	104	39	0.928
12 PCB 118	23.79	1.001	5398503	3487368	1.55	YES	db	413.823	3.5	103	40	1.015
13 PCB 114	24.27	1.001	5143658	3341782	1.54	YES	bb	412.605	3.2	103	41	1.042
14 PCB 105	24.84	1.001	5148796	3345915	1.54	YES	bb	414.228	3.6	104	42	1.011
15 PCB 126	27.71	1.001	4804622	3086473	1.56	YES	bb	406.492	1.6	102	43	0.992
16 PCB 155	19.63	1.001	3287727	2559146	1.28	YES	bb	428.124	7.0	107	44	1.067
17 PCB 167	29.53	1.001	4712087	3797114	1.24	YES	db	411.264	2.8	103	45	0.972
18 PCB 156/157	30.70	1.001	9231766	7358172	1.25	YES	bb	828.397	3.5	104	46	1.053
19 PCB 169	34.10	1.000	4266378	3412929	1.25	YES	bb	410.924	2.7	103	47	0.981
20 PCB 188	24.22	1.001	2940792	2778197	1.06	YES	bb	423.250	5.8	106	48	1.071
21 PCB 193/180	32.13	1.001	2735297	2566233	1.07	YES	bb	419.227	4.8	105	49	1.194
22 PCB 170	33.45	1.001	2620049	2469179	1.06	YES	bb	410.905	2.7	103	50	1.306
23 PCB 189	36.87	1.001	3438757	3354969	1.02	YES	bb	408.337	2.1	102	51	0.963
24 PCB 202	29.26	1.001	2319246	2582348	0.90	YES	bb	429.030	7.3	107	52	1.059
25 PCB 205	39.73	1.001	2554029	2893341	0.88	YES	bb	402.344	0.6	101	53	1.097
26 PCB 208	36.32	1.001	1774786	2240815	0.79	YES	bb	421.004	5.3	105	54	1.077
27 PCB 206	41.73	1.000	1150769	1458308	0.79	YES	bb	410.427	2.6	103	55	1.053
28 PCB 209	43.56	1.000	1335343	1110428	1.20	YES	bb	404.862	1.2	101	56	1.053
29 PCB 1L	8.98	0.803	1477260	458950	3.22	YES	bb	93.492	-6.5	93	63	0.770
30 PCB 3L	10.17	0.910	1613074	508655	3.17	YES	bb	99.015	-1.0	99	63	0.844
31 PCB 4L	10.28	0.920	788956	498643	1.58	YES	bb	94.388	-5.6	94	63	0.512
32 PCB 15L	12.93	1.157	1555942	987799	1.58	YES	bb	94.182	-5.8	94	63	1.012
33 PCB 19L	11.66	1.043	718727	674450	1.07	YES	bb	95.838	-4.2	96	63	0.554
34 PCB 37L	16.68	1.087	1317951	1247820	1.06	YES	bb	103.563	3.6	104	64	2.057
35 PCB 54L	13.06	0.851	644699	819752	0.79	YES	bb	103.323	-9.5	91	64	1.174
36 PCB 81L	21.41	1.395	991348	1248035	0.79	YES	bb	90.514	3.3	103	64	1.796
37 PCB 77L	21.85	1.424	965827	1211370	0.80	YES	bb	103.323	3.3	103	64	1.796
38 PCB 104L	15.91	0.805	771386	475118	1.62	YES	bb	104.096	4.1	104	64	1.746
39 PCB 123L	23.49	1.188	1371077	847769	1.62	YES	bb	97.227	-2.8	97	65	1.124
40 PCB 118L	23.77	1.203	1344973	842785	1.60	YES	bd	103.319	3.3	103	65	2.000
41 PCB 114L	24.26	1.227	1257976	777668	1.62	YES	db	103.478	3.5	103	65	1.972
42 PCB 105L	24.83	1.256	1295249	804796	1.61	YES	bb	103.505	3.5	104	65	1.835
43 PCB 126L	27.69	1.401	1219284	768477	1.59	YES	bb	103.875	3.9	104	65	1.893
44 PCB 155L	19.61	0.738	769906	600460	1.28	YES	bb	103.245	3.2	103	65	1.792
45 PCB 167L	29.50	1.110	1225793	961673	1.27	YES	bb	95.180	-4.8	95	66	1.336
46 PCB 156L/157L	30.68	1.155	2200271	1737788	1.27	YES	db	101.069	1.1	101	66	2.132
47 PCB 169L	34.08	1.283	1100319	857688	1.28	YES	bb	199.849	-0.1	100	66	1.919
48 PCB 188L	24.20	0.911	690295	645003	1.07	YES	bb	101.191	1.2	101	66	1.909
								97.916	-2.1	98	66	1.302

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

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ID:

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

Description: CS4_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
49	PCB 180L	32.09	0.819	575201	535208	1.08	YES	bb	100.439	0.4	100	67	1.354
50	PCB 170L	33.42	0.853	508432	466059	1.09	YES	bb	100.725	0.7	101	67	1.189
51	PCB 189L	36.84	0.940	909356	853586	1.07	YES	bb	99.682	-0.3	100	67	2.150
52	PCB 202L	29.25	0.746	553734	603124	0.92	YES	bb	99.415	-0.6	99	67	1.411
53	PCB 205L	39.71	1.013	595527	645949	0.92	YES	bb	98.892	-1.1	99	67	1.514
54	PCB 208L	36.29	0.926	407204	524739	0.78	YES	bb	99.768	-0.2	100	67	1.137
55	PCB 206L	41.71	1.064	273872	345354	0.79	YES	bb	99.445	-0.6	99	67	0.755
56	PCB 209L	43.54	1.111	317324	263610	1.20	YES	bb	97.832	-2.2	98	67	0.709
57	PCB 28L	14.39	0.938	1441621	1366081	1.05	YES	db	110.397	10.4	110	64	2.251
58	PCB 111L	21.83	1.105	962101	595450	1.62	YES	bb	104.539	4.5	105	65	1.404
59	PCB 178L	26.98	1.015	392328	368192	1.07	YES	bb	101.153	1.2	101	66	0.741
60	PCB 31L	14.24	0.928	1385152	1317005	1.05	YES	bd	112.012	12.0	112	64	2.167
61	PCB 95L	17.74	0.897	634491	392819	1.62	YES	bb	97.870	-2.1	98	65	0.926
62	PCB 153L	25.41	0.956	702550	537221	1.31	YES	bb	98.647	-1.4	99	66	1.209
63	PCB 9L	11.18	0.000	1554112	959876	1.62	YES	bb	134.037	34.0	134	0	25139...
64	PCB 52L	15.35	0.000	553299	693846	0.80	YES	bb	126.540	26.5	127	0	12471...
65	PCB 101L	19.77	0.000	686549	422824	1.62	YES	bb	124.900	24.9	125	0	11093...
66	PCB 138L	26.57	0.000	580665	445165	1.30	YES	bb	127.076	27.1	127	0	10258...
67	PCB 194L	39.18	0.000	397061	422752	0.94	YES	bb	125.524	25.5	126	0	8198....
68	Total MoCB F1								820.456			29	
69	Total MoCB labeled ...								192.507			63	
70	Total DiCB F1								428.272			31	
71	Total DiCB labeled F1								94.388			63	
72	Total DiCB F2								408.629			32	
73	Total DiCB labeled F2								228.220			63	
74	Total TriCB F2								438.071			33	
75	Total TriCB labeled F2								95.838			63	
76	Total TriCB F3								414.836			34	
77	Total TriCB labeled F3								325.971			64	
78	Total TeCB F2								426.236			35	
79	Total TeCB labeled F2								90.514			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								126.540			64	
82	Total TeCB F4								825.686			36	
83	Total TeCB labeled F4								207.419			64	
84	Total PeCB F3								425.597			38	
85	Total PeCB labeled F3								97.227			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								327.309			65	
88	Total PeCB F5								2061....			39	
89	Total PeCB labeled F5								517.422			65	
90	Total HxCB F4								428.124			44	
91	Total HxCB labeled F4								95.180			66	
92	Total HxCB F5											45	
93	Total HxCB labeled F5								225.723			66	
94	Total HxCB F6								1650....			45	
95	Total HxCB labeled F6								402.109			66	
96	Total HpCB F5								423.250			48	

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ID:
Date: 11-FEB-2016
Time: 21:13:41
Instrument: Autospec-UltimaE
Description: CS4_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
97	Total HpCB labeled ...								199.069			67	
98	Total HpCB F6								830.132			49	
99	Total HpCB labeled ...								201.163			67	
100	Total HpCB F7								408.337			51	
101	Total HpCB labeled ...								99.682			67	
102	Total OcCB F6								429.030			52	
103	Total OcCB labeled ...								99.415			67	
104	Total OcCB F7								402.344			53	
105	Total OcCB labeled ...								224.416			67	
106	Total NoCB F7								831.430			54	
107	Total NoCB labeled ...								199.212			67	
108	Total DeCB F7								404.862			56	
109	Total DeCB labeled ...								97.832			67	
110	lockmass F1											0	
111	lockmass F2											0	
112	lockmass F3											0	
113	lockmass F4											0	
114	lockmass F5											0	
115	lockmass F6											0	
116	lockmass F7											0	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

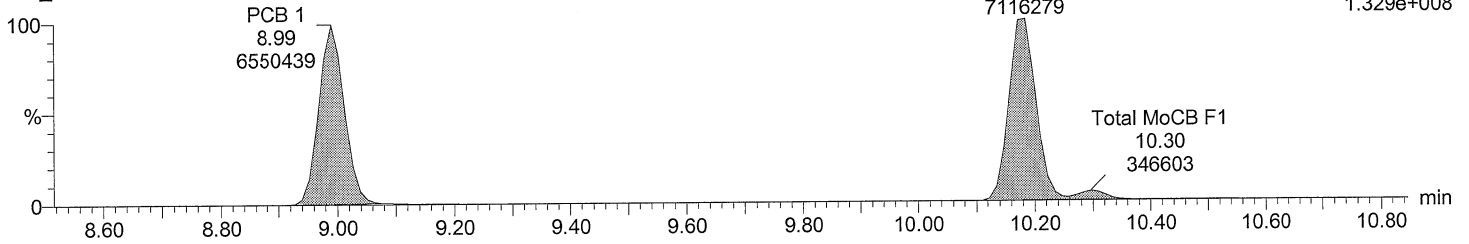
Time: 21:13:41

Instrument: Autospec-UltimaE

Total MoCB F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

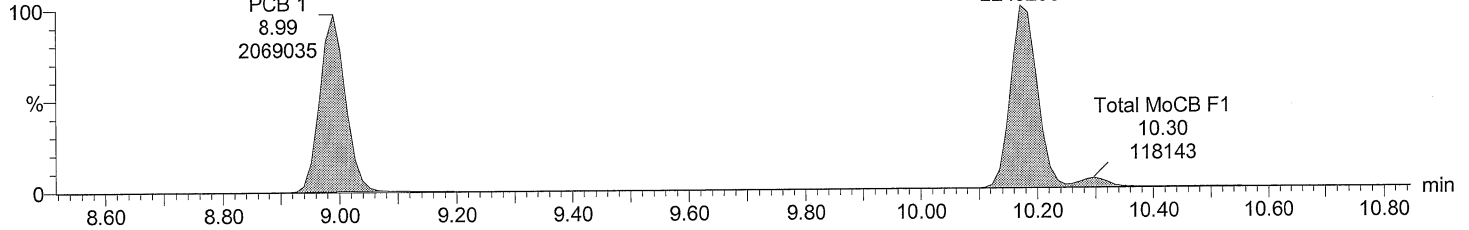
PCB 3 10.19 7116279
F1:SIR of 10 channels,EI+
188.0393
1.329e+008



Total MoCB F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

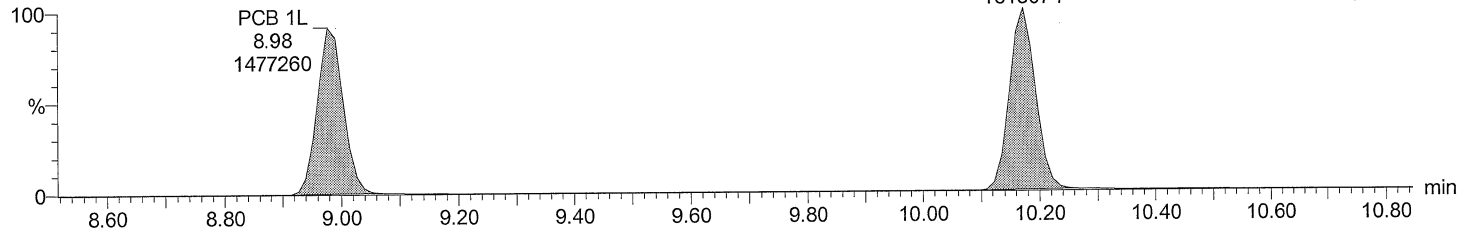
PCB 3 10.17 2243259
F1:SIR of 10 channels,EI+
190.0363
4.262e+007



Total MoCB labeled F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

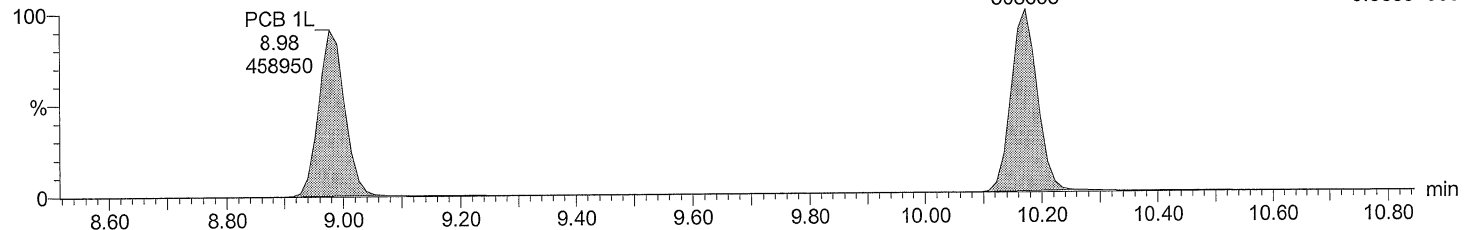
PCB 3L 10.17 1613074
F1:SIR of 10 channels,EI+
200.0795
3.174e+007



Total MoCB labeled F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 3L 10.17 508655
F1:SIR of 10 channels,EI+
202.076
9.988e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

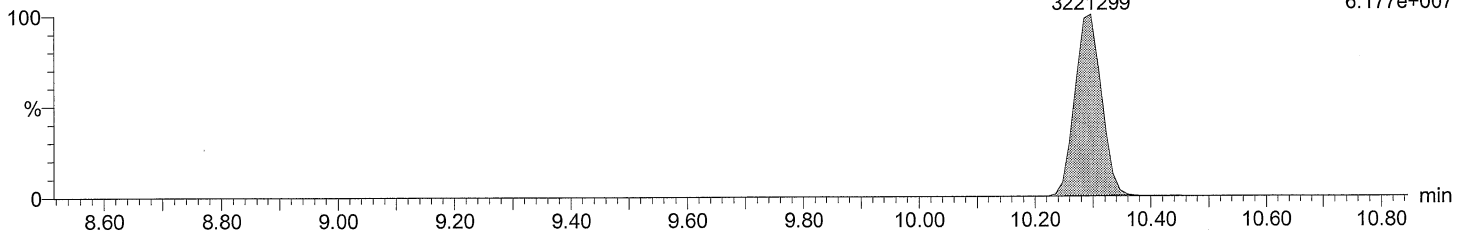
Time: 21:13:41

Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

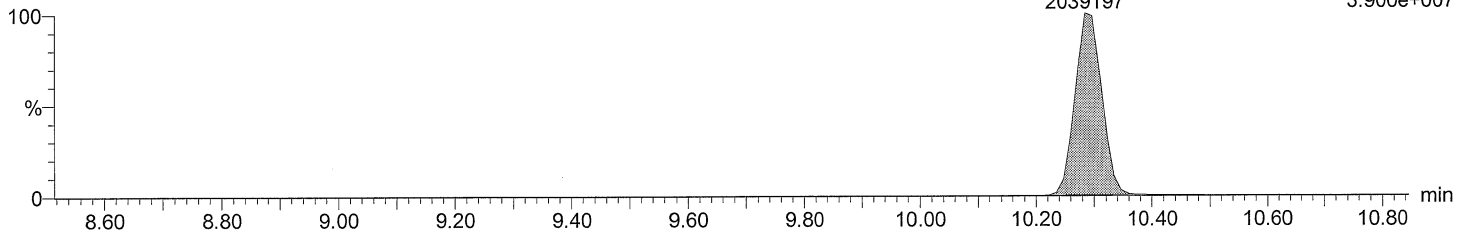
PCB 4
10.30
3221299
F1:SIR of 10 channels, EI+
222.0003
6.177e+007



Total DiCB F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

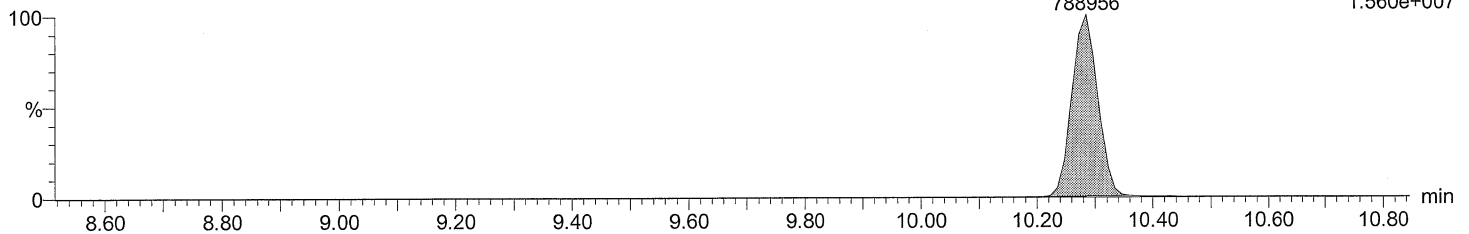
PCB 4
10.28
2039197
F1:SIR of 10 channels, EI+
223.9974
3.900e+007



Total DiCB labeled F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

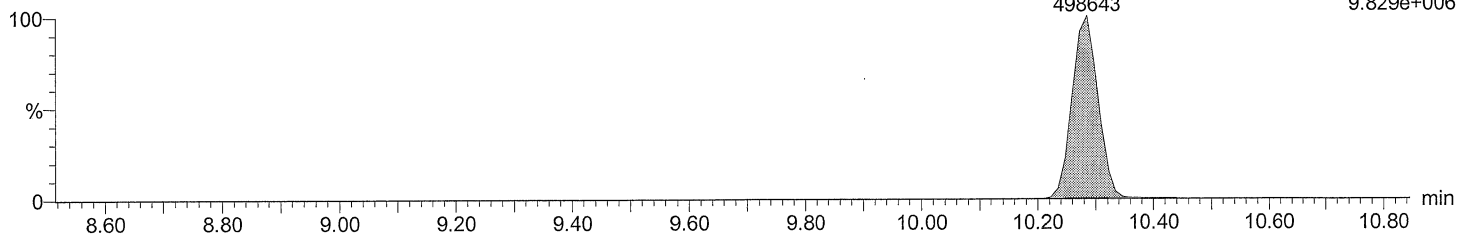
PCB 4L
10.28
788956
F1:SIR of 10 channels, EI+
234.0406
1.560e+007



Total DiCB labeled F1

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 4L
10.28
498643
F1:SIR of 10 channels, EI+
236.0376
9.829e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

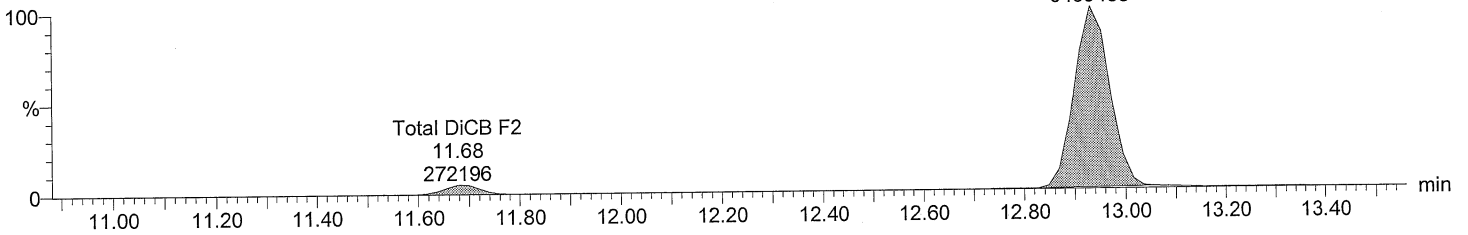
Instrument: Autospec-UltimaE

Total DiCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 15
12.93
5439488

F2:SIR of 16 channels,EI+
222.0003
6.830e+007

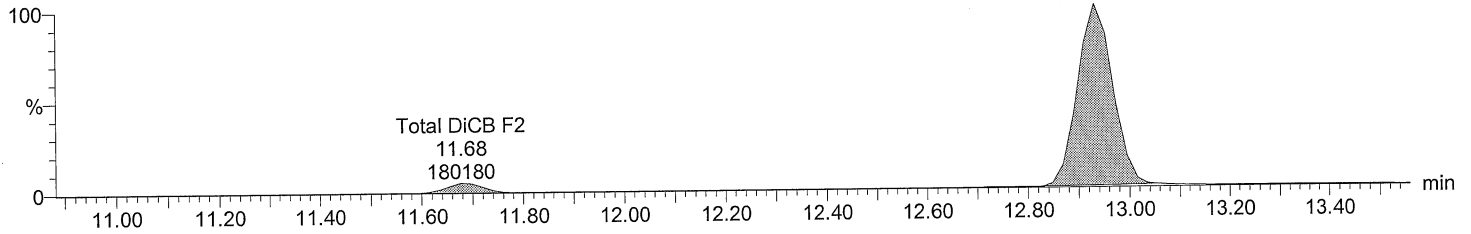


Total DiCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 15
12.93
3609118

F2:SIR of 16 channels,EI+
223.9974
4.550e+007



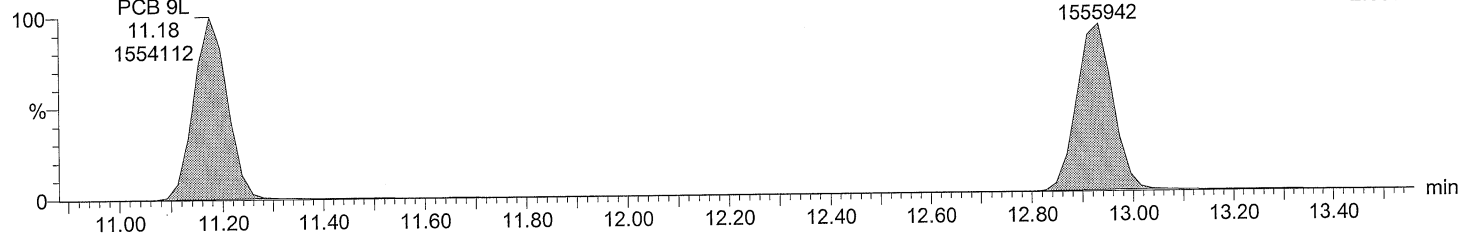
Total DiCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 9L
11.18
1554112

PCB 15L
12.93
1555942

F2:SIR of 16 channels,EI+
234.0406
2.083e+007



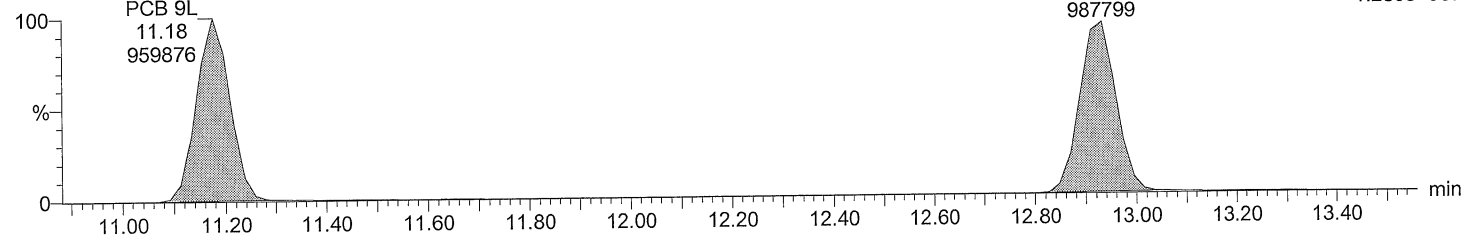
Total DiCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 9L
11.18
959876

PCB 15L
12.93
987799

F2:SIR of 16 channels,EI+
236.0376
1.289e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

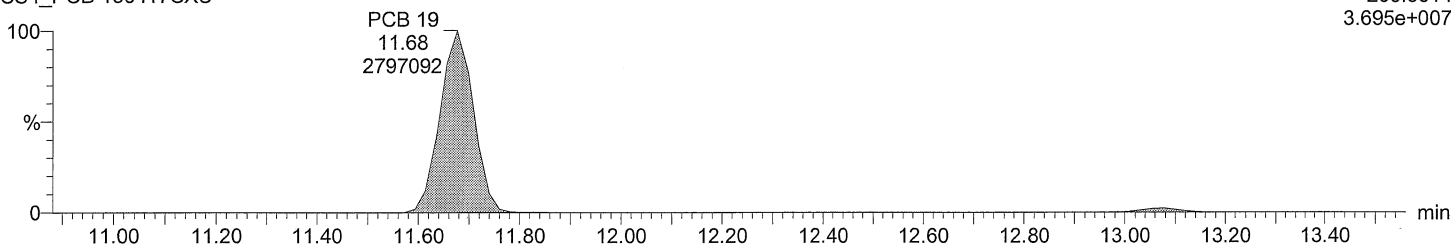
Time: 21:13:41

Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

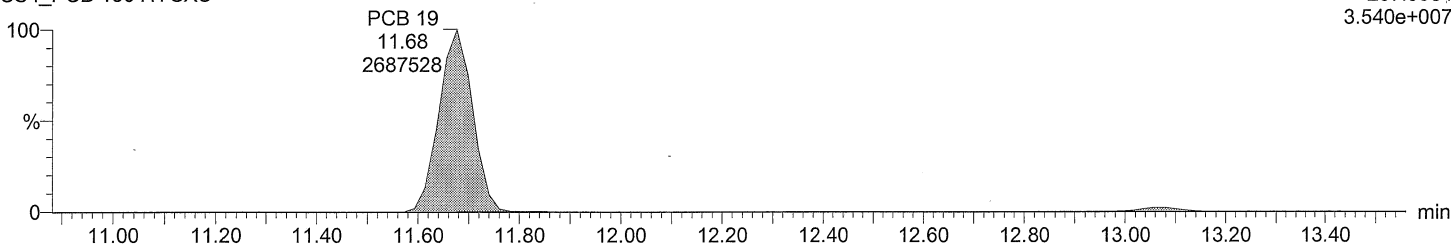
F2:SIR of 16 channels,EI+
255.9614
3.695e+007



Total TriCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

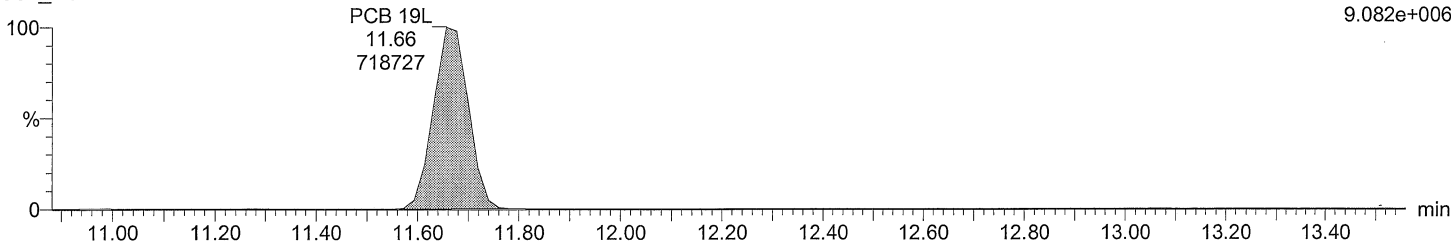
F2:SIR of 16 channels,EI+
257.9584
3.540e+007



Total TriCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

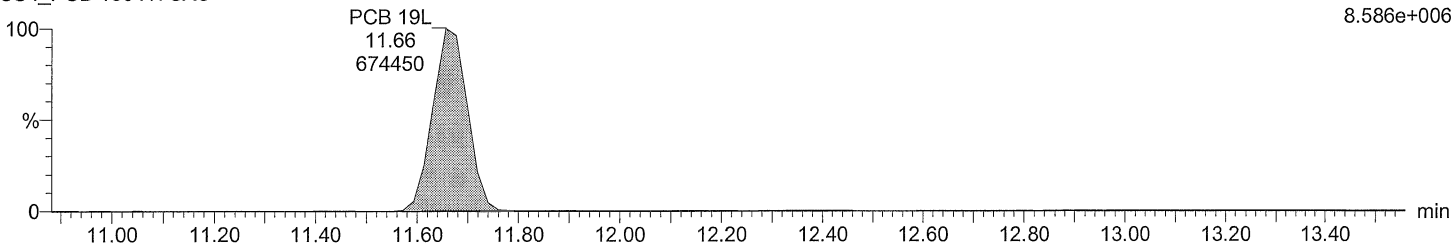
F2:SIR of 16 channels,EI+
268.0016
9.082e+006



Total TriCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

F2:SIR of 16 channels,EI+
269.9986
8.586e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS4_PCB 150417CXU

Vial: 5

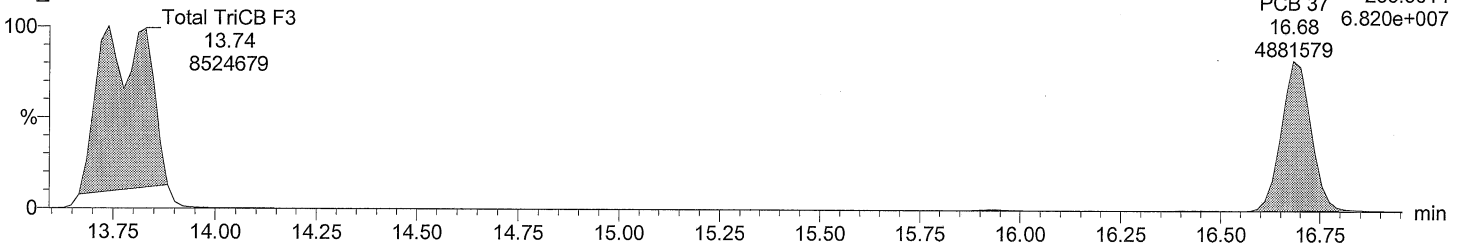
Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

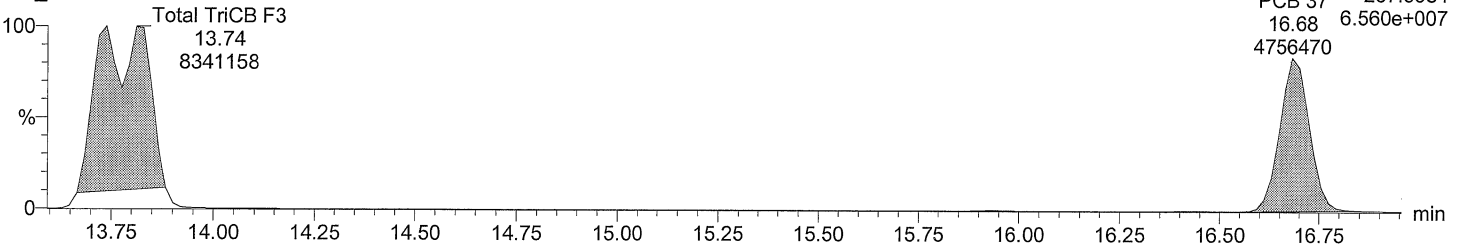
Total TriCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



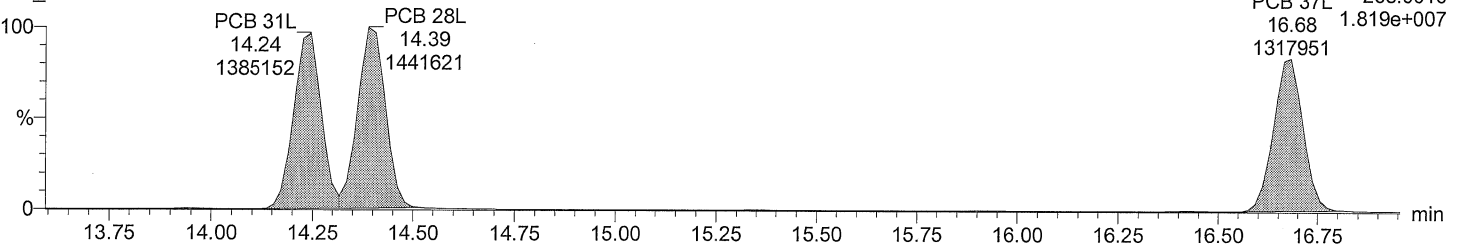
Total TriCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



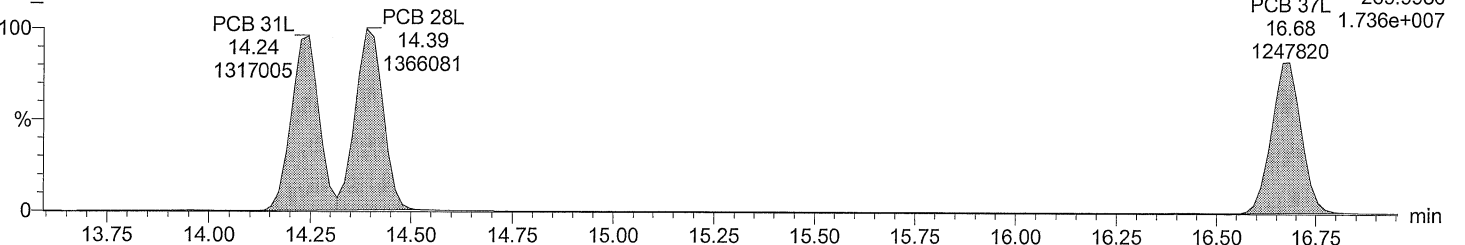
Total TriCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



Total TriCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

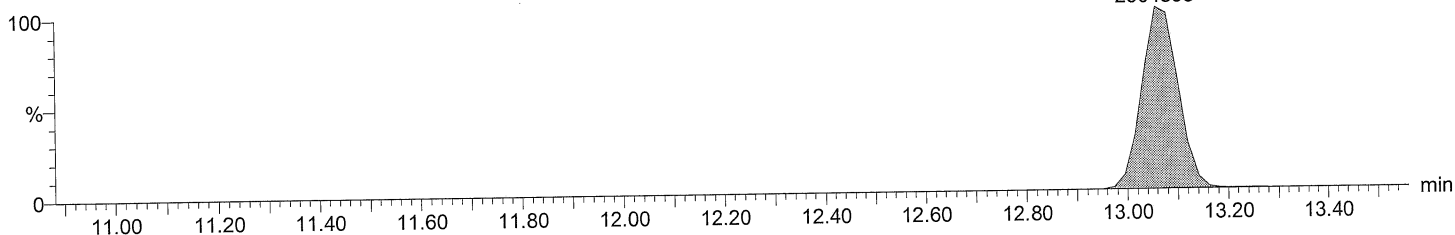
Time: 21:13:41

Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

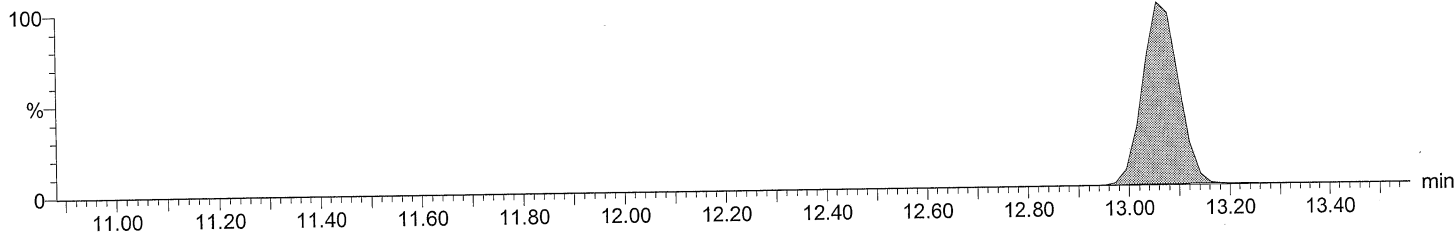
PCB 54 F2:SIR of 16 channels,EI+
13.06 289.9224
2504893 3.020e+007



Total TeCB F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

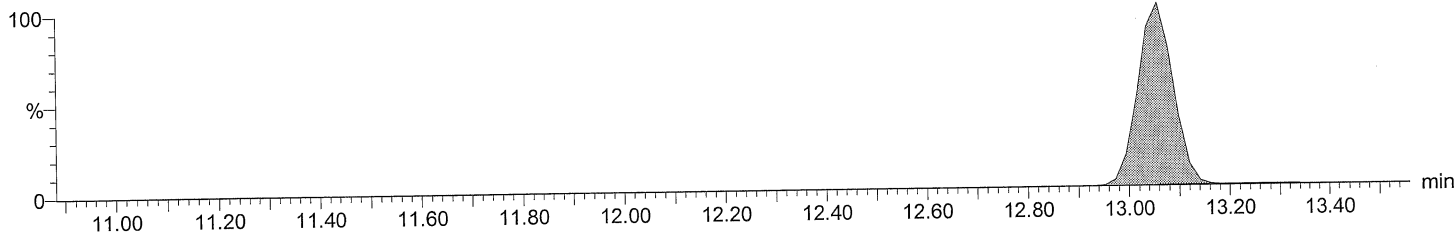
PCB 54 F2:SIR of 16 channels,EI+
13.06 291.9194
3178847 3.874e+007



Total TeCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

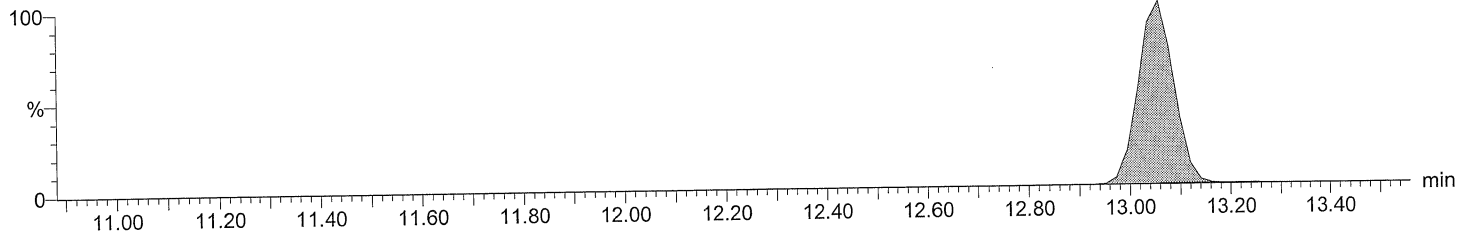
PCB 54L F2:SIR of 16 channels,EI+
13.06 301.9626
644699 8.045e+006



Total TeCB labeled F2

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+
13.06 303.9597
819752 1.018e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

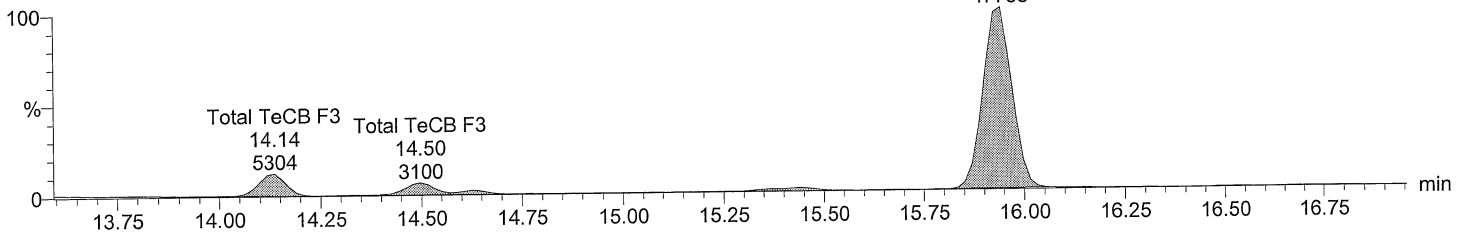
Description: CS4_PCB 150417CXU
Vial: 5
Date: 11-FEB-2016
Time: 21:13:41
Instrument: Autospec-UltimaE

Total TeCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

Total TeCB F3
15.94
47768

F3:SIR of 14 channels,EI+
289.9224
5.779e+005

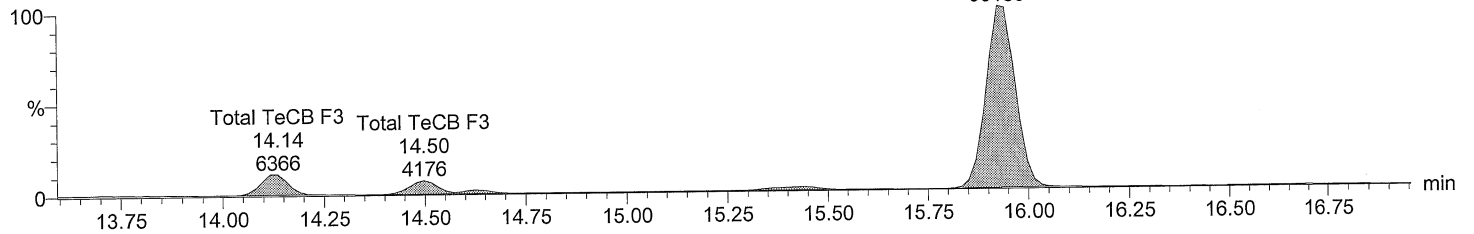


Total TeCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

Total TeCB F3
15.92
60189

F3:SIR of 14 channels,EI+
291.9194
7.227e+005

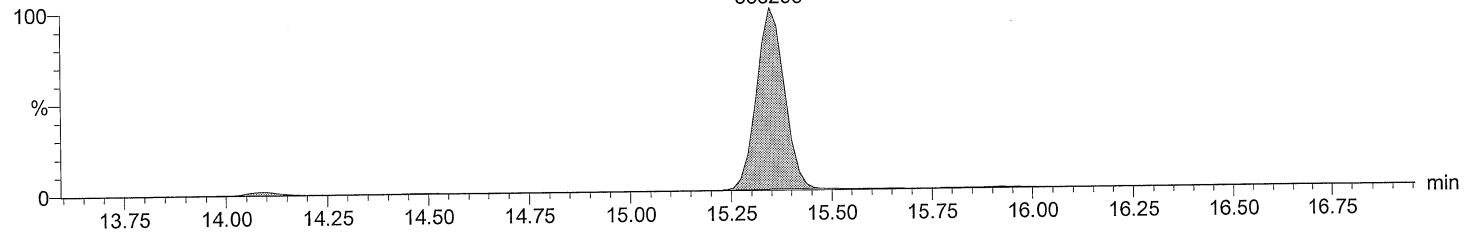


Total TeCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 52L
15.35
553299

F3:SIR of 14 channels,EI+
301.9626
6.951e+006

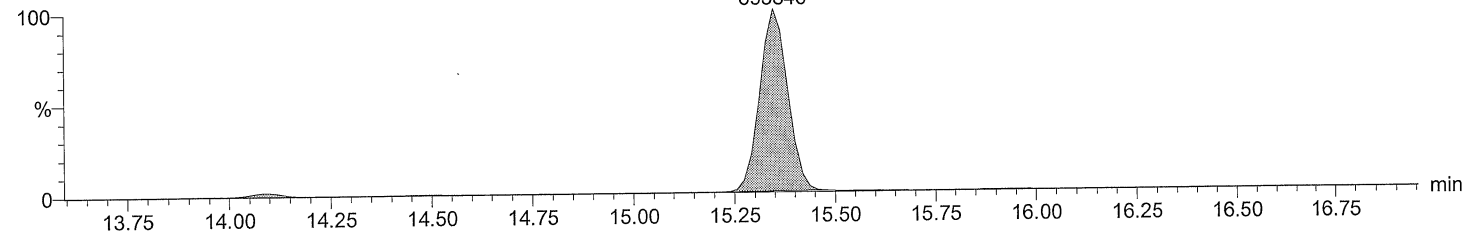


Total TeCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 52L
15.35
693846

F3:SIR of 14 channels,EI+
303.9597
8.707e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

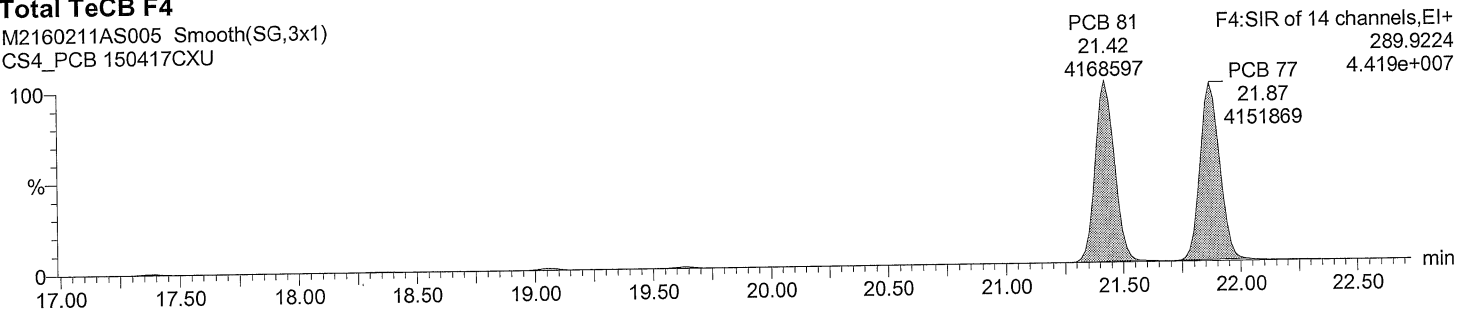
Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

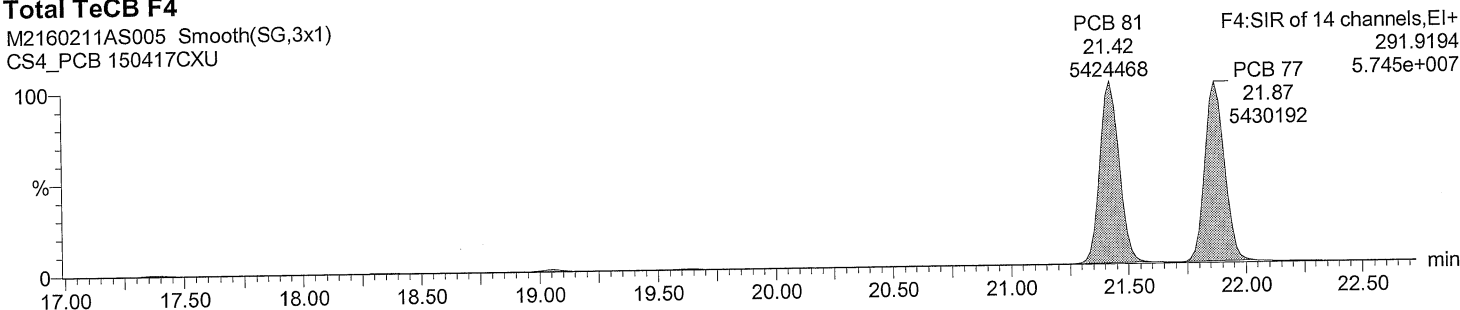
Total TeCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



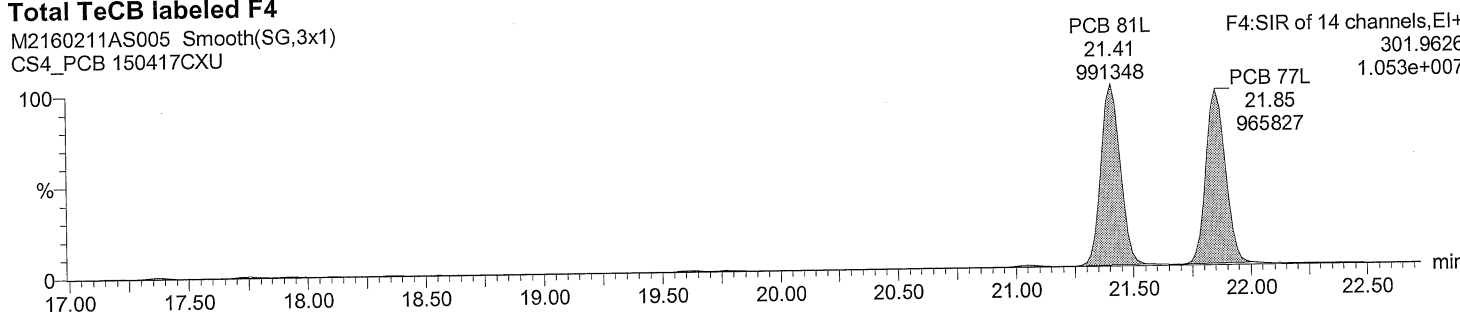
Total TeCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



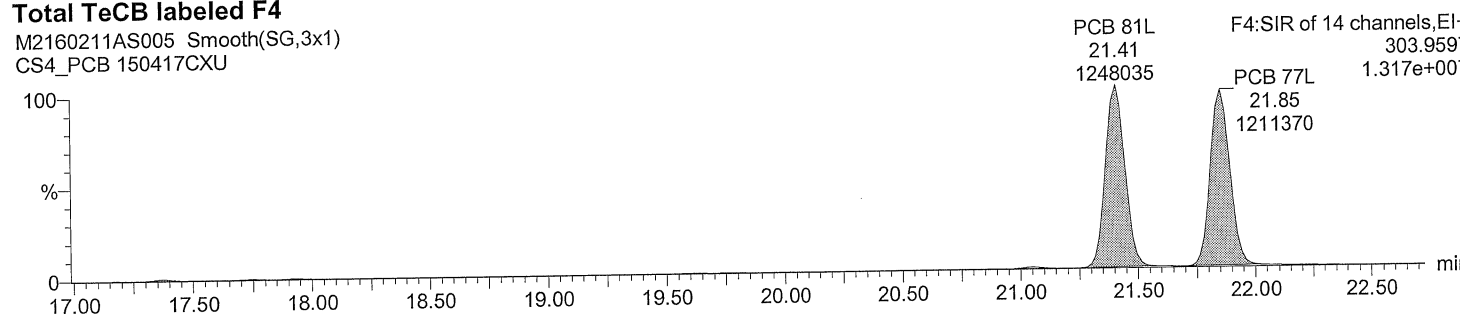
Total TeCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



Total TeCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU



Acquired Date

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Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

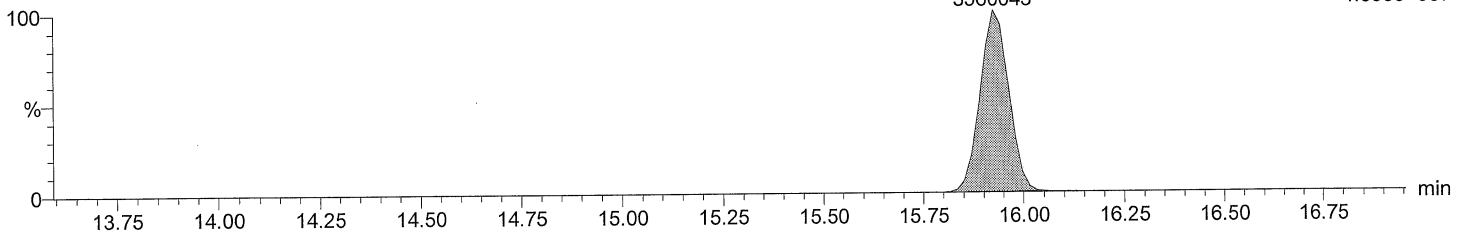
Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 104
15.92
3560043

F3:SIR of 14 channels,EI+
325.8805
4.335e+007

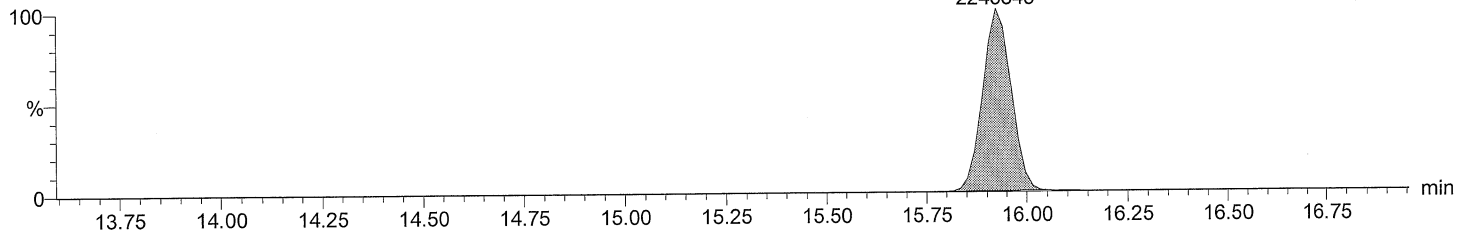


Total PeCB F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 104
15.92
2245549

F3:SIR of 14 channels,EI+
327.8775
2.749e+007

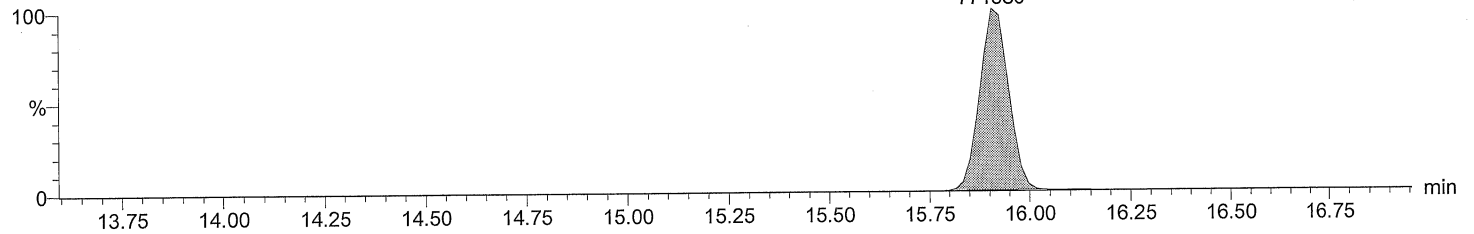


Total PeCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 104L
15.91
771386

F3:SIR of 14 channels,EI+
337.9207
9.331e+006

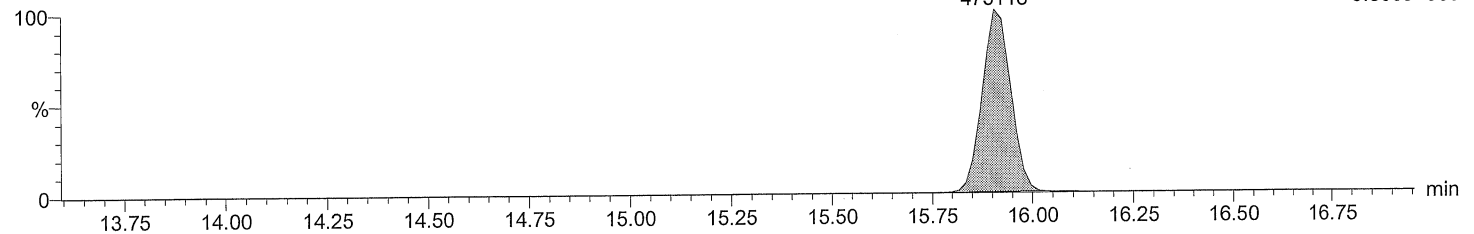


Total PeCB labeled F3

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 104L
15.91
475118

F3:SIR of 14 channels,EI+
339.9178
5.800e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

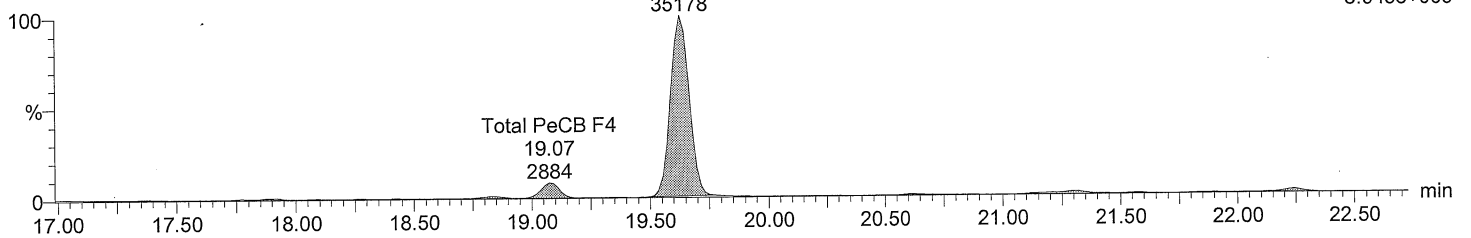
Time: 21:13:41

Instrument: Autospec-UltimaE

Total PeCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

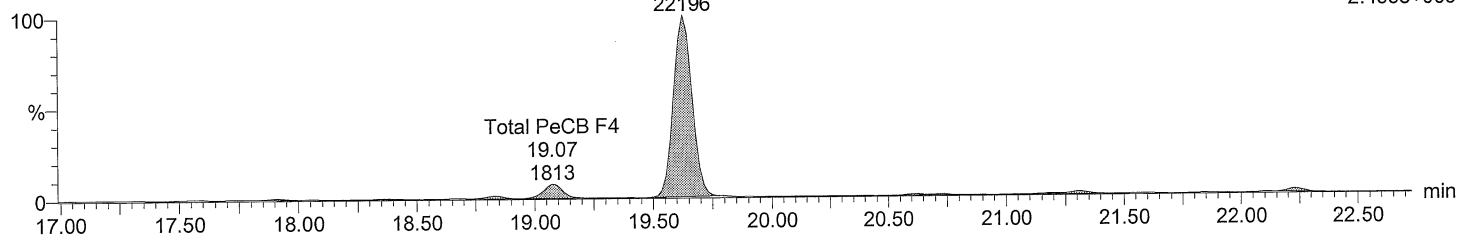
F4:SIR of 14 channels, EI+
325.8805
3.945e+005



Total PeCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

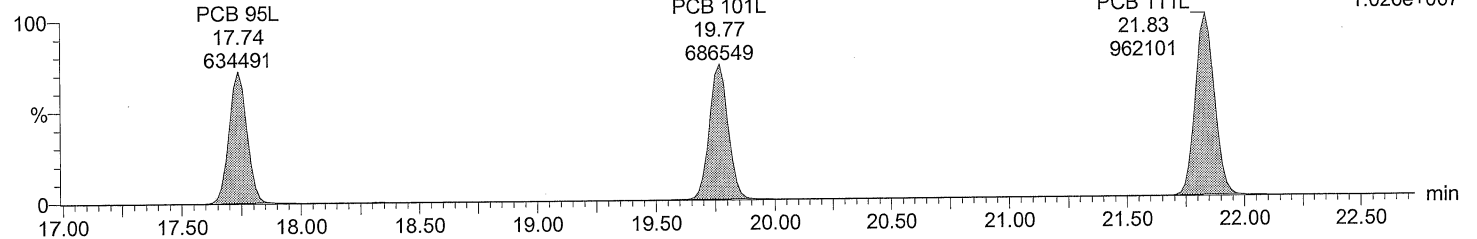
F4:SIR of 14 channels, EI+
327.8775
2.495e+005



Total PeCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

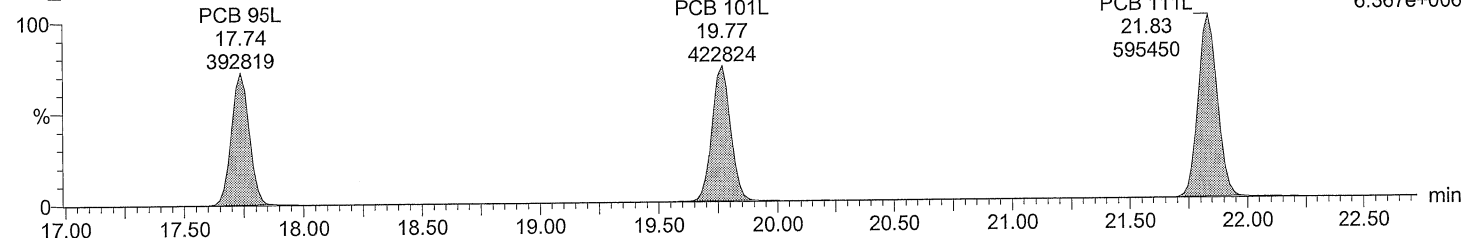
F4:SIR of 14 channels, EI+
337.9207
1.026e+007



Total PeCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

F4:SIR of 14 channels, EI+
339.9178
6.367e+006



Quantify Sample Report **MassLynx 4.0 SP1**
 Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
 Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

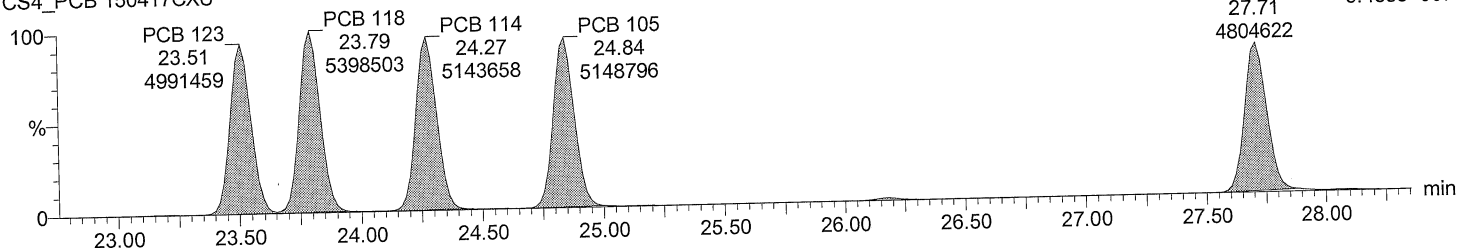
Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

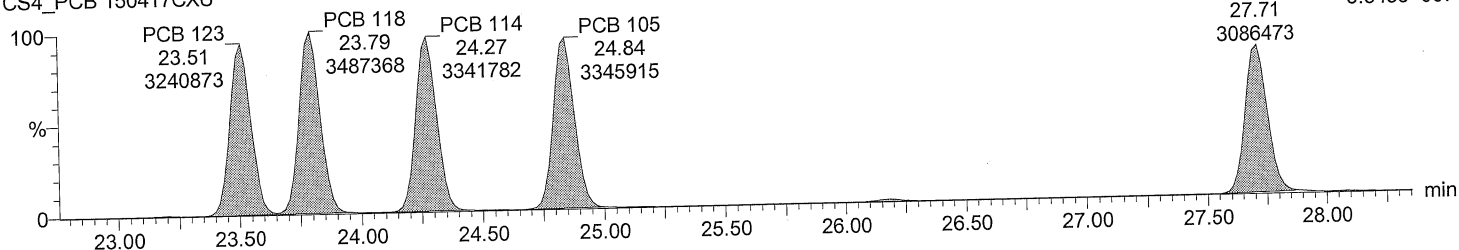
Total PeCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



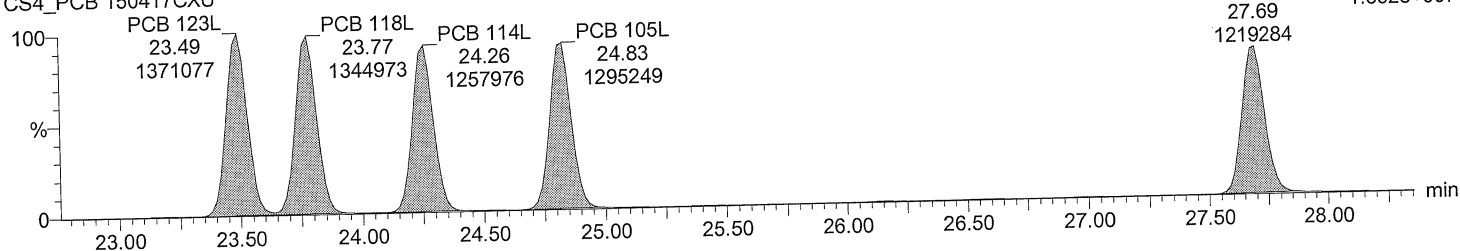
Total PeCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



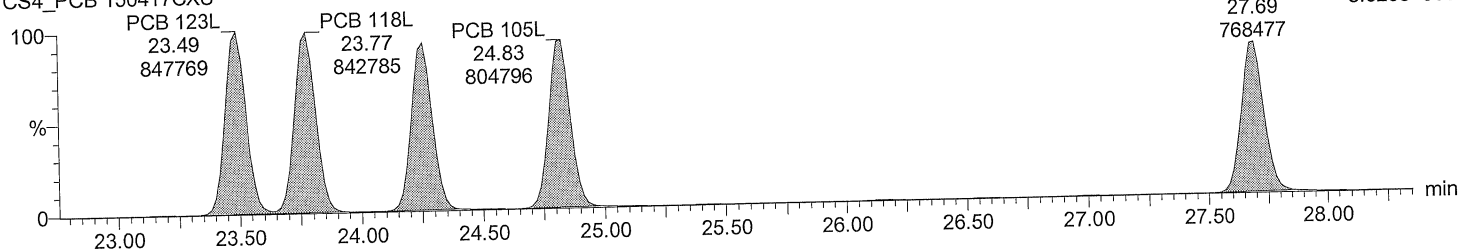
Total PeCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



Total PeCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



Quantify Sample Report **MassLynx 4.0 SP1**
Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

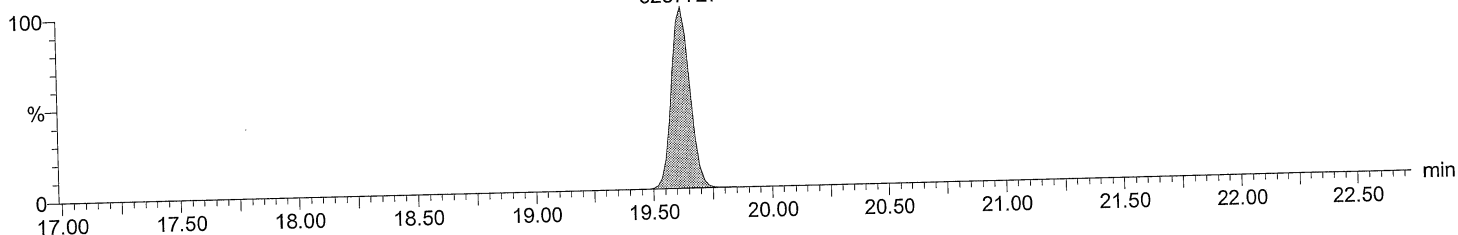
Description: CS4_PCB 150417CXU
Vial: 5
Date: 11-FEB-2016
Time: 21:13:41
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 155
19.63
3287727

F4:SIR of 14 channels, EI+
359.8415
3.679e+007

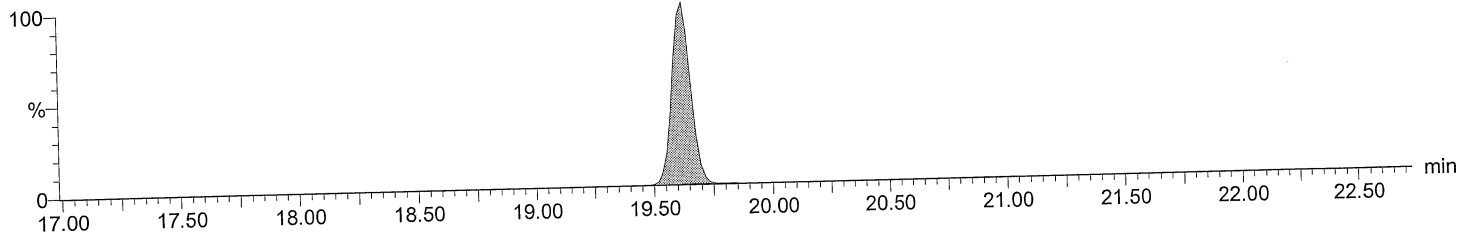


Total HxCB F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 155
19.63
2559146

F4:SIR of 14 channels, EI+
361.8385
2.859e+007

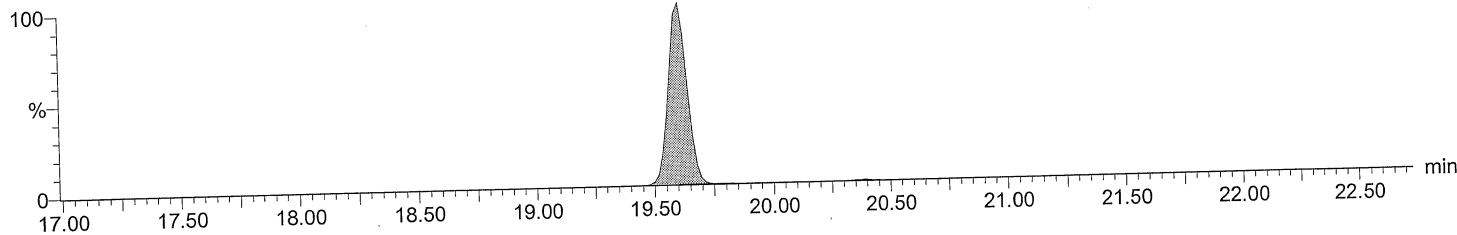


Total HxCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 155L
19.61
769906

F4:SIR of 14 channels, EI+
371.8817
8.583e+006

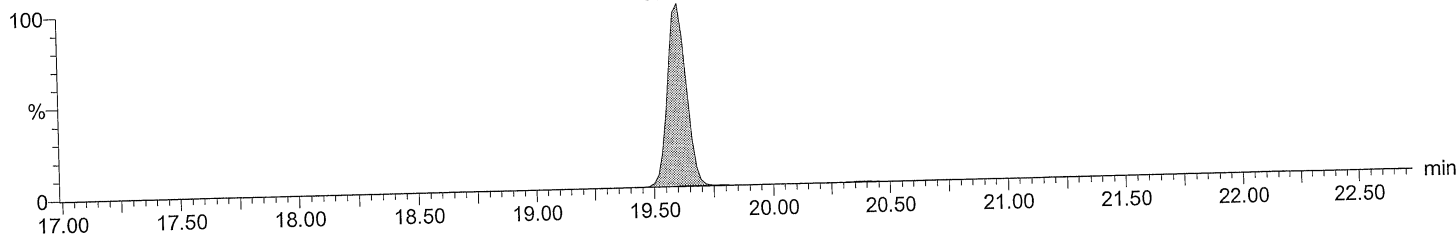


Total HxCB labeled F4

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 155L
19.61
600460

F4:SIR of 14 channels, EI+
373.8788
6.672e+006



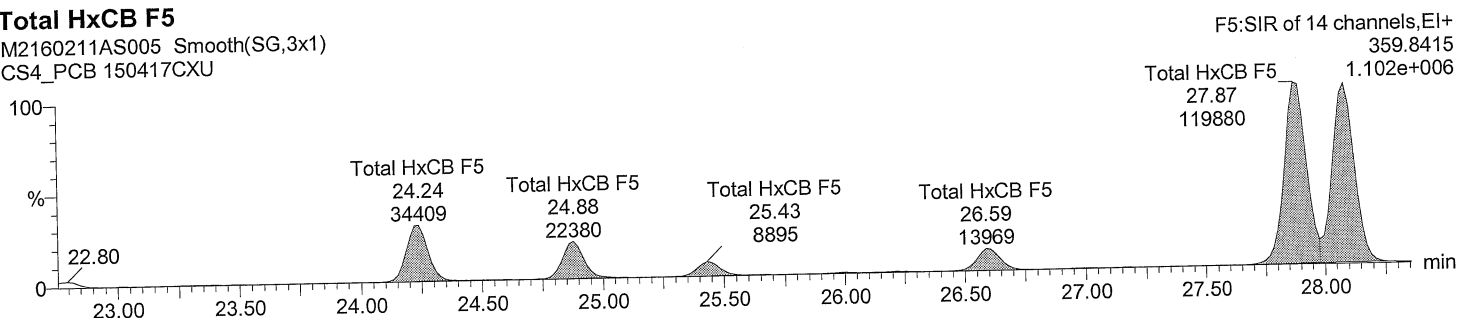
Quantify Sample Report **MassLynx 4.0 SP1**
 Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
 Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU
Vial: 5
Date: 11-FEB-2016
Time: 21:13:41
Instrument: Autospec-UltimaE

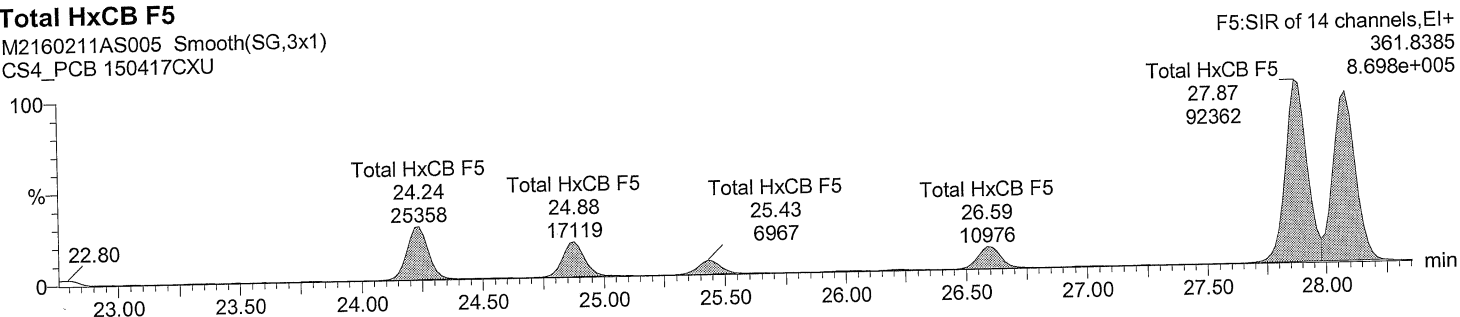
Total HxCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



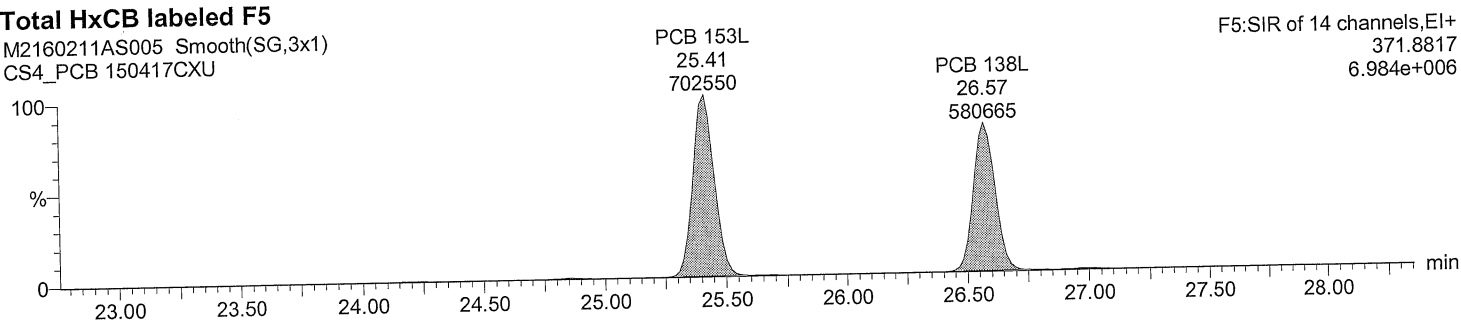
Total HxCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



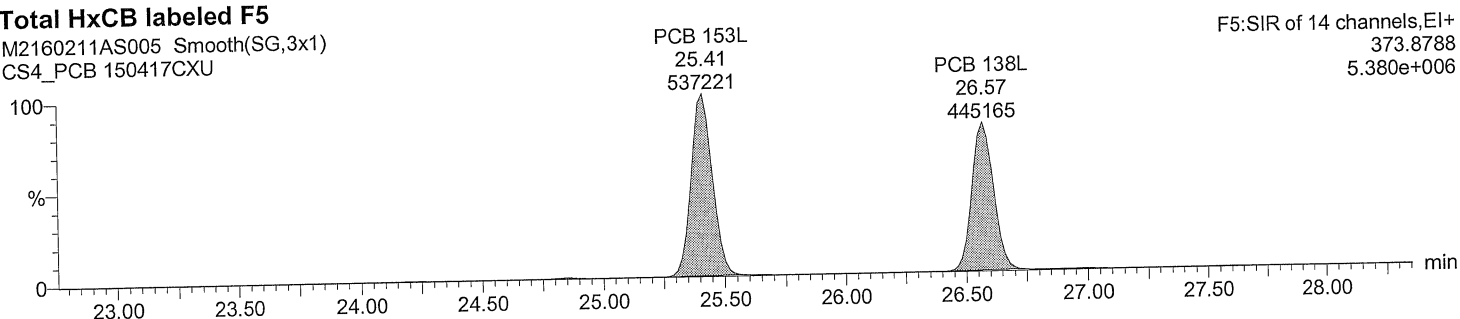
Total HxCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



Total HxCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

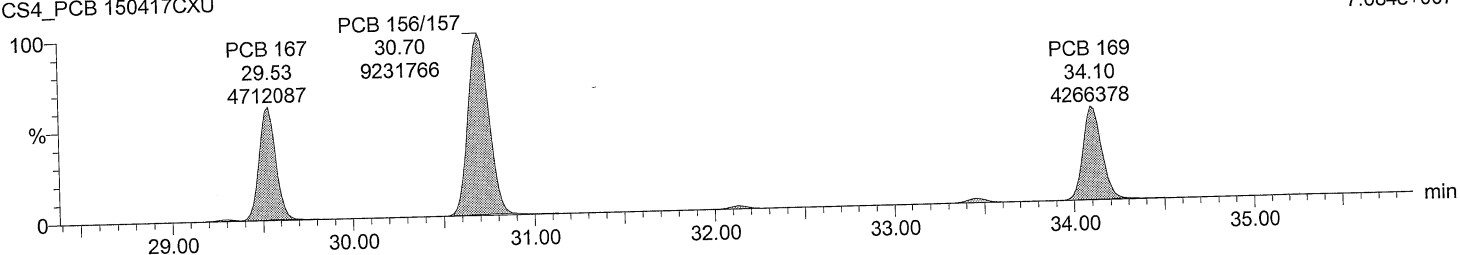
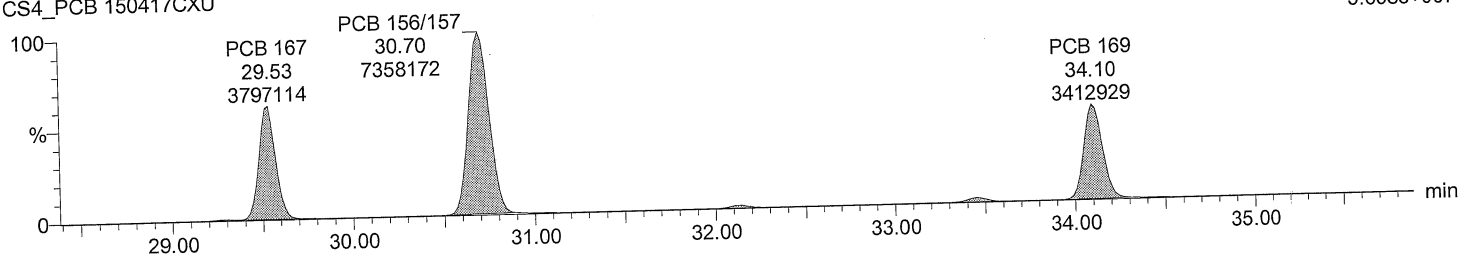
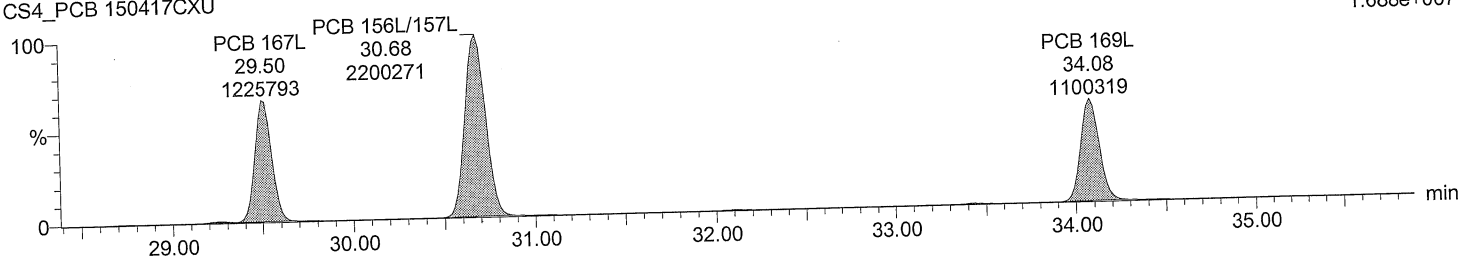
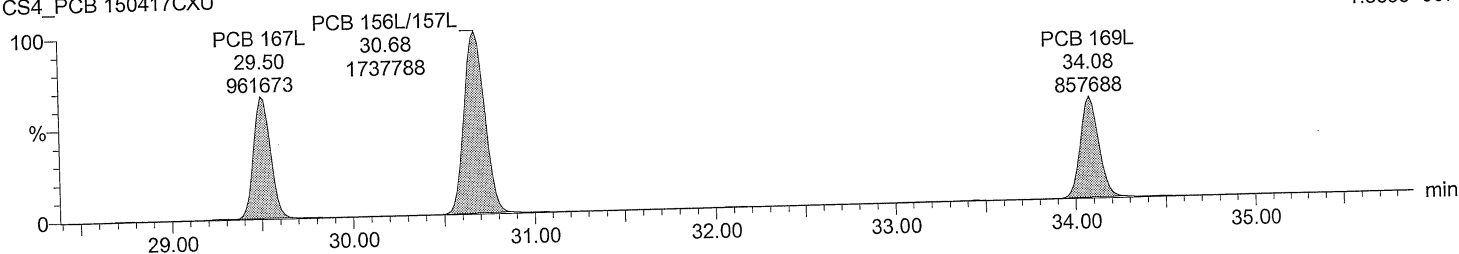
Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

Total HxCB F6M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXUF6:SIR of 14 channels,EI+
359.8415
7.084e+007**Total HxCB F6**M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXUF6:SIR of 14 channels,EI+
361.8385
5.658e+007**Total HxCB labeled F6**M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXUF6:SIR of 14 channels,EI+
371.8817
1.688e+007**Total HxCB labeled F6**M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXUF6:SIR of 14 channels,EI+
373.8788
1.335e+007

Quantify Sample Report **MassLynx 4.0 SP1**
 Acquired Date

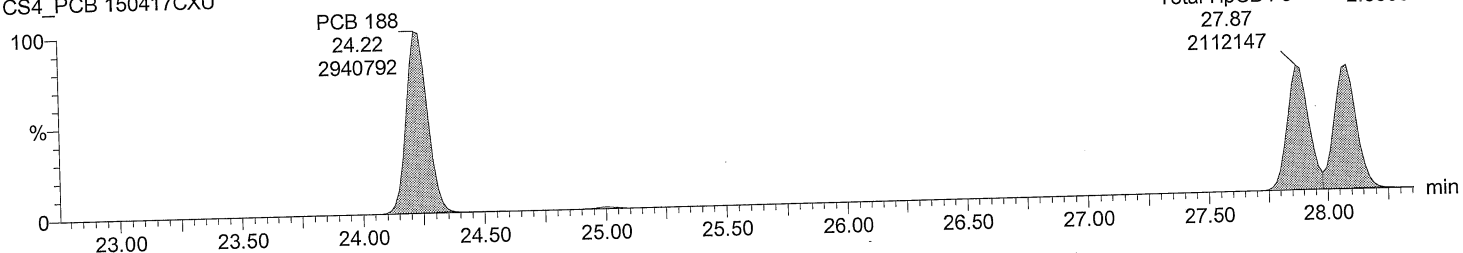
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld
 Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU
Vial: 5
Date: 11-FEB-2016
Time: 21:13:41
Instrument: Autospec-UltimaE

Total HpCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

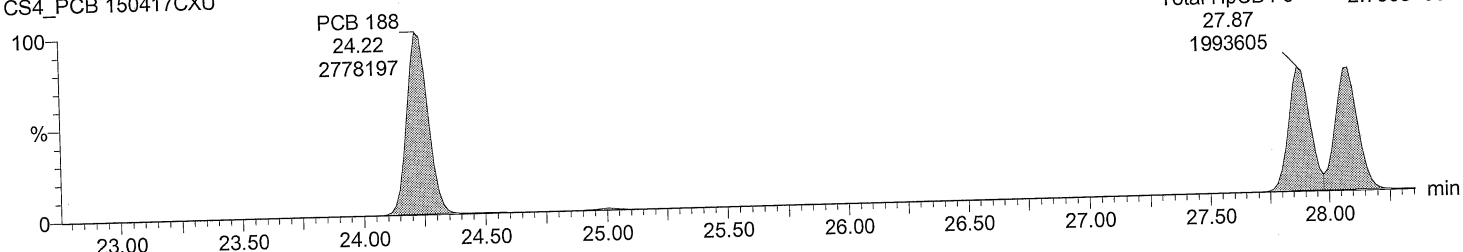
F5:SIR of 14 channels,EI+
 393.8025
 Total HpCB F5 2.939e+007
 27.87
 2112147



Total HpCB F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

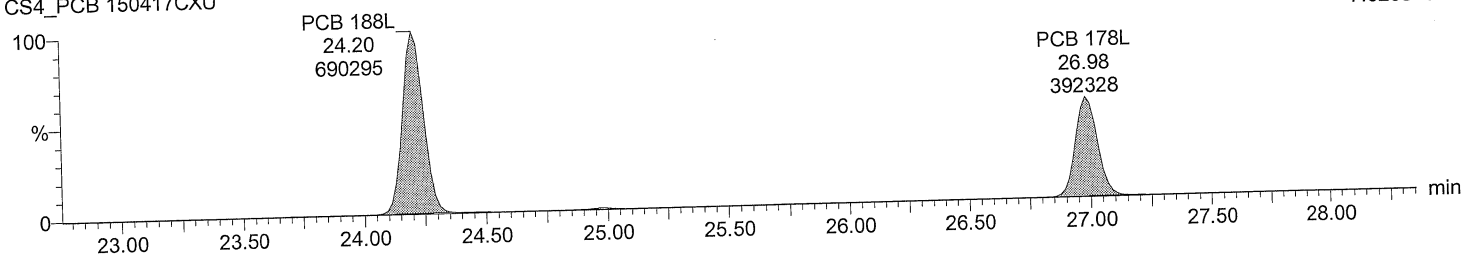
F5:SIR of 14 channels,EI+
 395.7995
 Total HpCB F5 2.790e+007
 27.87
 1993605



Total HpCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

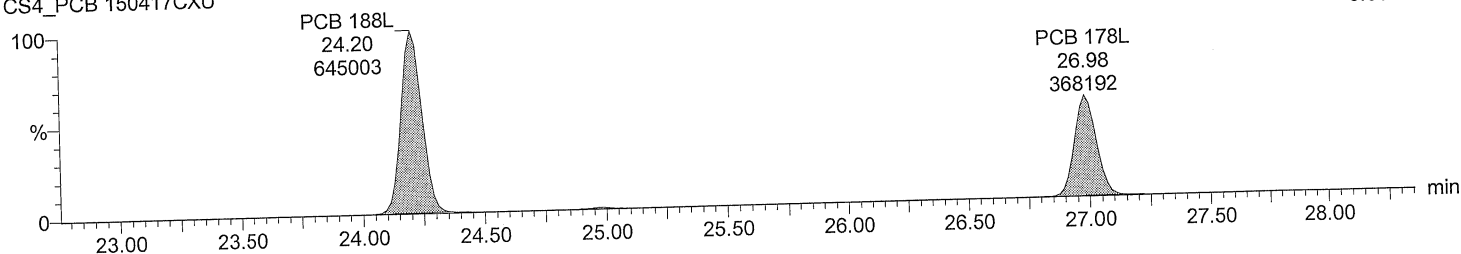
F5:SIR of 14 channels,EI+
 405.8428
 7.020e+006



Total HpCB labeled F5

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

F5:SIR of 14 channels,EI+
 407.8398
 6.565e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

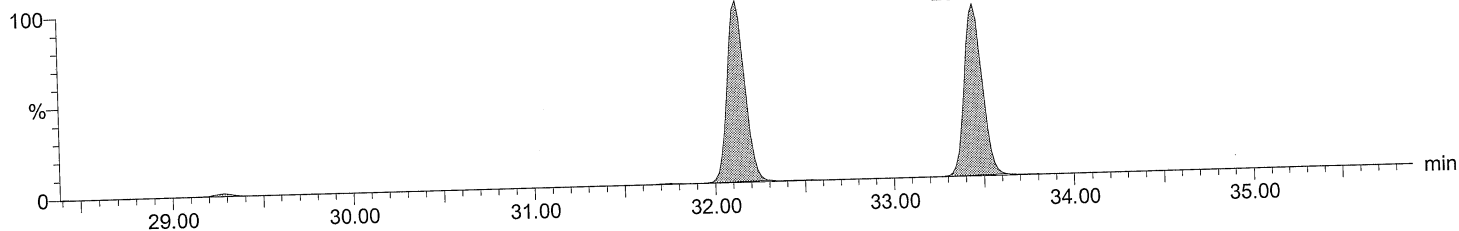
Total HpCB F6

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

PCB 193/180
 32.13
 2735297

PCB 170
 33.45
 2620049

F6:SIR of 14 channels,EI+
 393.8025
 2.451e+007



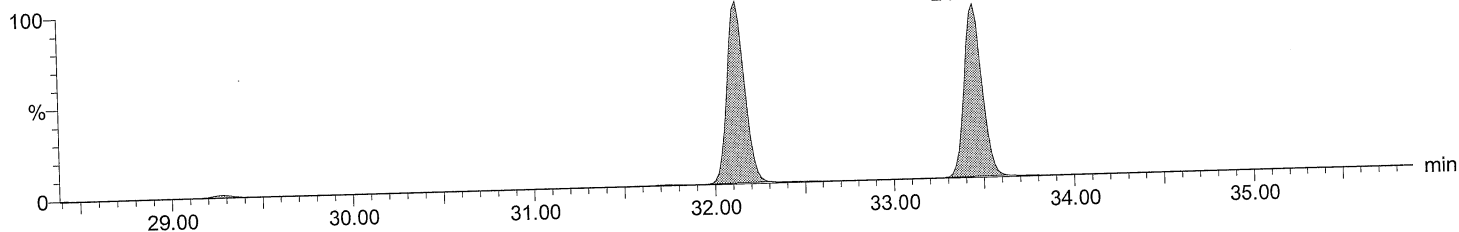
Total HpCB F6

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

PCB 193/180
 32.13
 2566233

PCB 170
 33.45
 2469179

F6:SIR of 14 channels,EI+
 395.7995
 2.301e+007



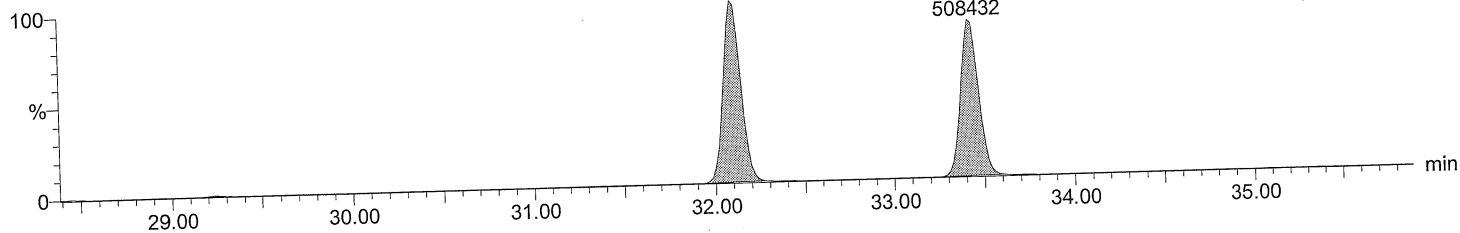
Total HpCB labeled F6

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

PCB 180L
 32.09
 575201

PCB 170L
 33.42
 508432

F6:SIR of 14 channels,EI+
 405.8428
 5.197e+006



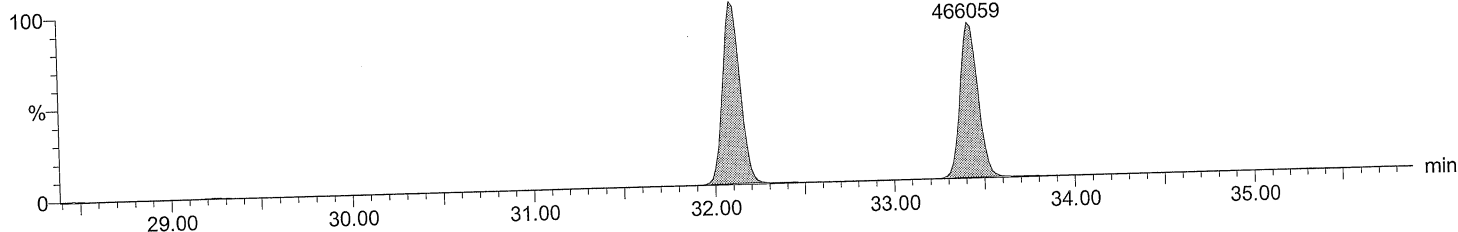
Total HpCB labeled F6

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

PCB 180L
 32.09
 535208

PCB 170L
 33.42
 466059

F6:SIR of 14 channels,EI+
 407.8398
 4.846e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

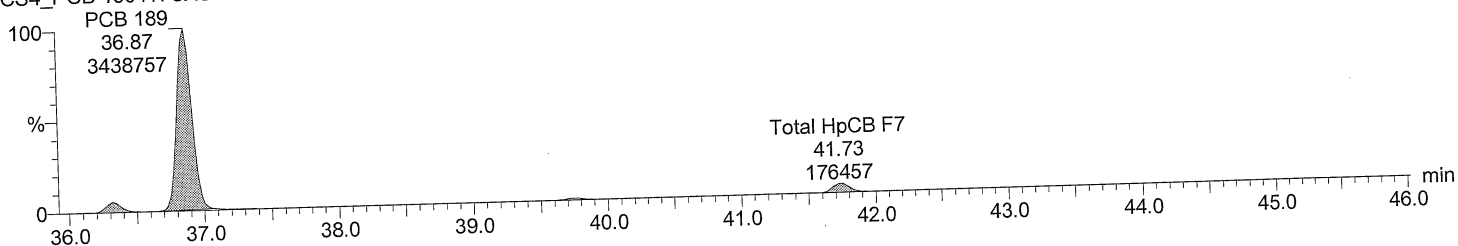
Instrument: Autospec-UltimaE

Total HpCB F7

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
393.8025
2.702e+007

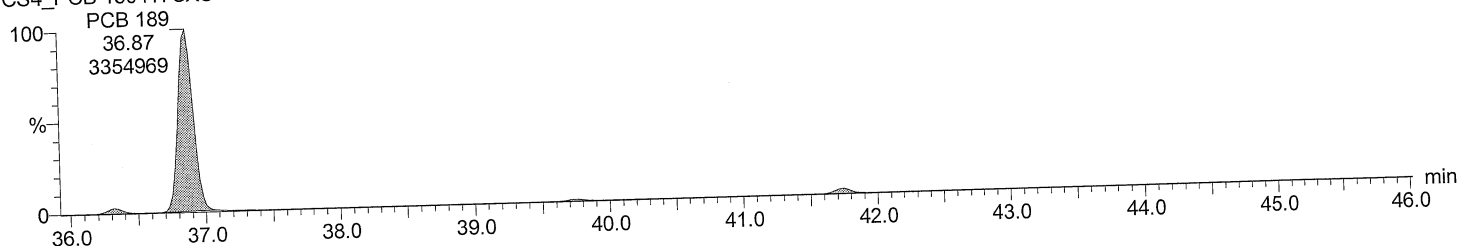


Total HpCB F7

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
395.7995
2.619e+007

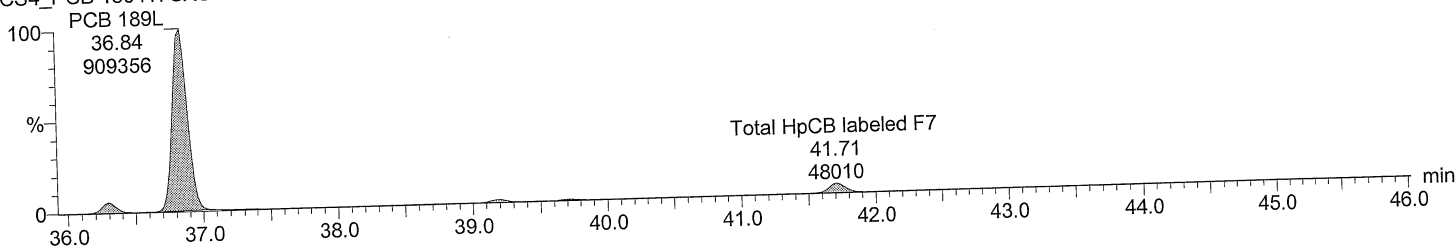


Total HpCB labeled F7

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
405.8428
7.094e+006

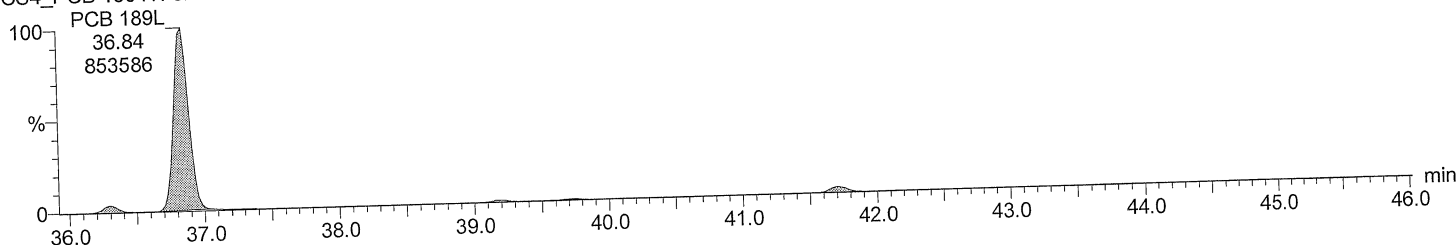


Total HpCB labeled F7

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
407.8398
6.637e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

Total OcCB F6

F6:SIR of 14 channels, EI+
427.7635
2.160e+007

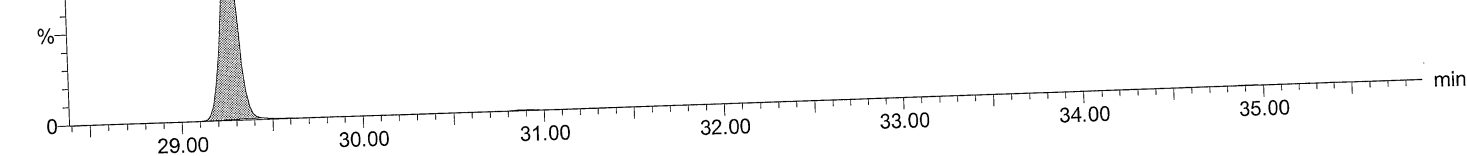
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

PCB 202

29.26

2319246



Total OcCB F6

F6:SIR of 14 channels, EI+
429.7606
2.415e+007

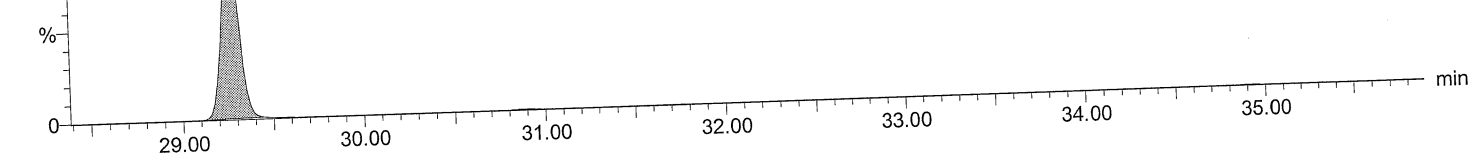
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

PCB 202

29.26

2582348



Total OcCB labeled F6

F6:SIR of 14 channels, EI+
439.8038
5.191e+006

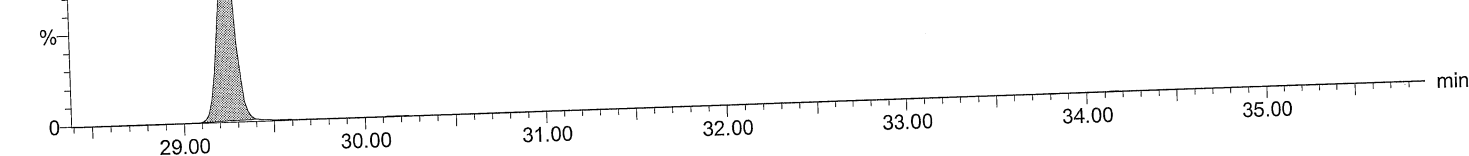
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

PCB 202L

29.25

553734



Total OcCB labeled F6

F6:SIR of 14 channels, EI+
441.8008
5.652e+006

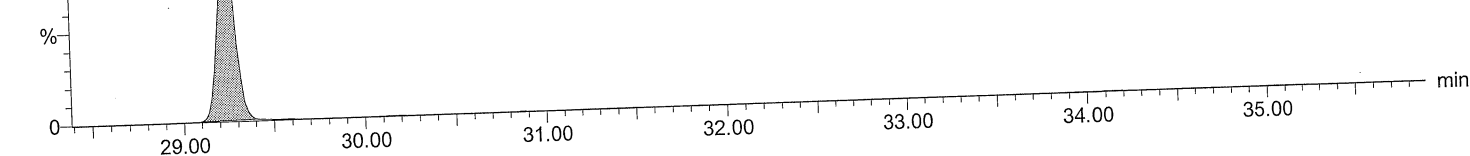
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

PCB 202L

29.25

603124



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
 Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

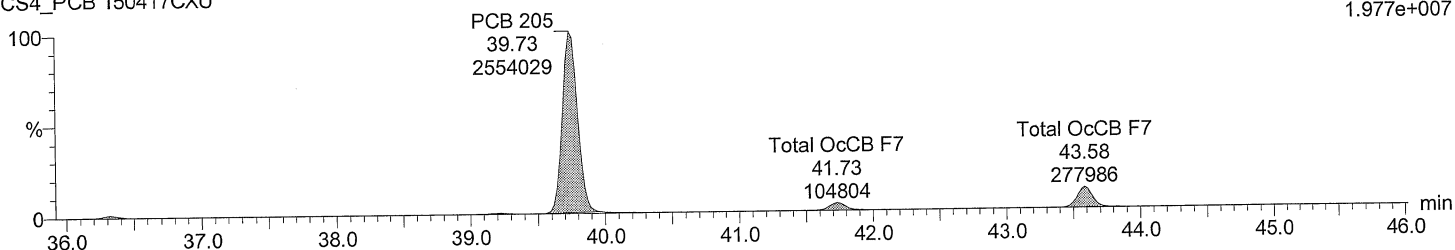
Time: 21:13:41

Instrument: Autospec-UltimaE

Total OcCB F7

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

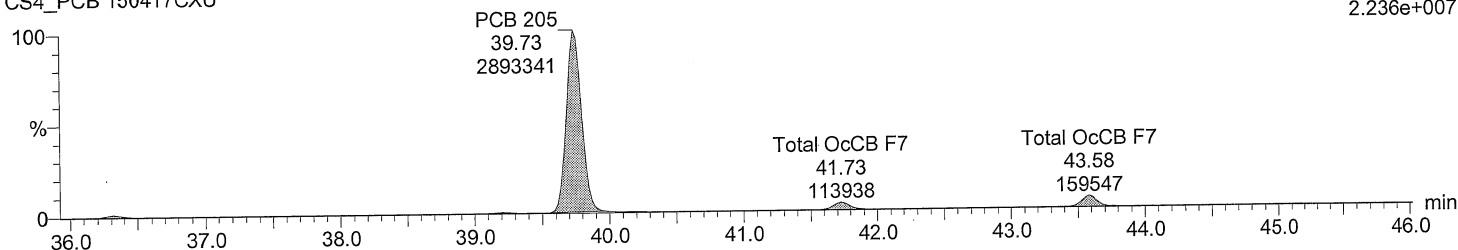
F7:SIR of 18 channels, EI+
 427.7635
 1.977e+007



Total OcCB F7

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

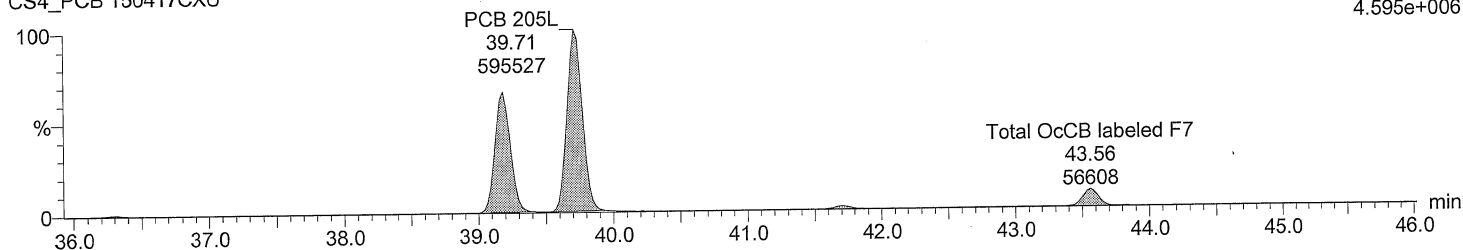
F7:SIR of 18 channels, EI+
 429.7606
 2.236e+007



Total OcCB labeled F7

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

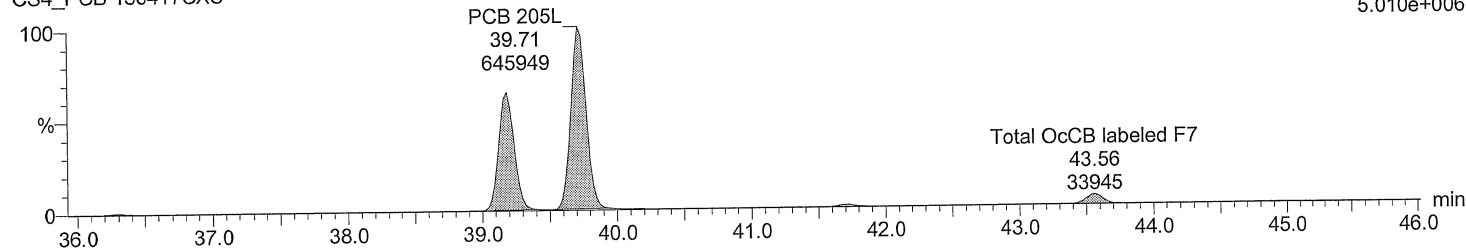
F7:SIR of 18 channels, EI+
 439.8038
 4.595e+006



Total OcCB labeled F7

M2160211AS005 Smooth(SG,3x1)
 CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
 441.8008
 5.010e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

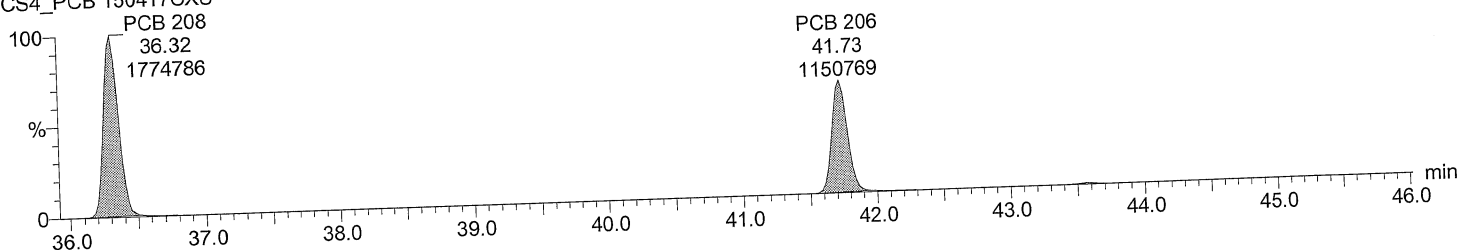
Time: 21:13:41

Instrument: Autospec-UltimaE

Total NoCB F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

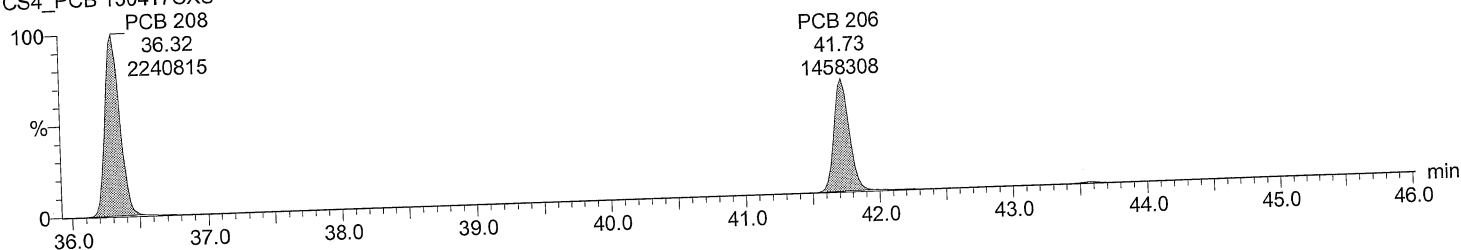
F7:SIR of 18 channels, EI+
461.7246
1.419e+007



Total NoCB F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

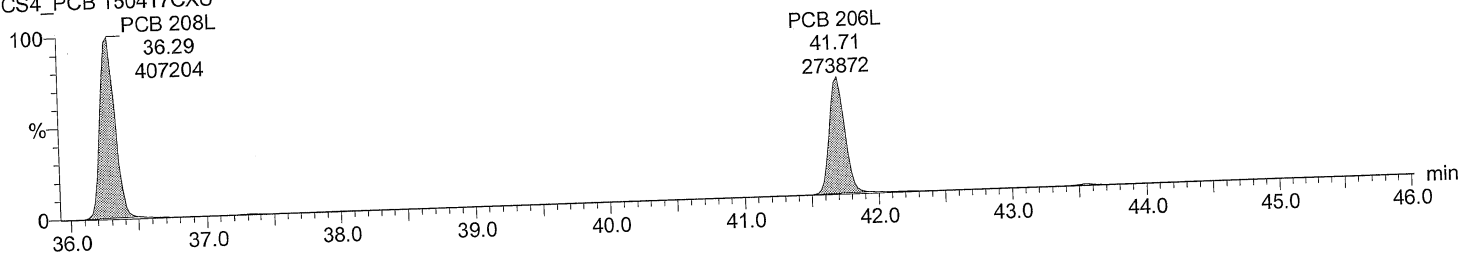
F7:SIR of 18 channels, EI+
463.7216
1.790e+007



Total NoCB labeled F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

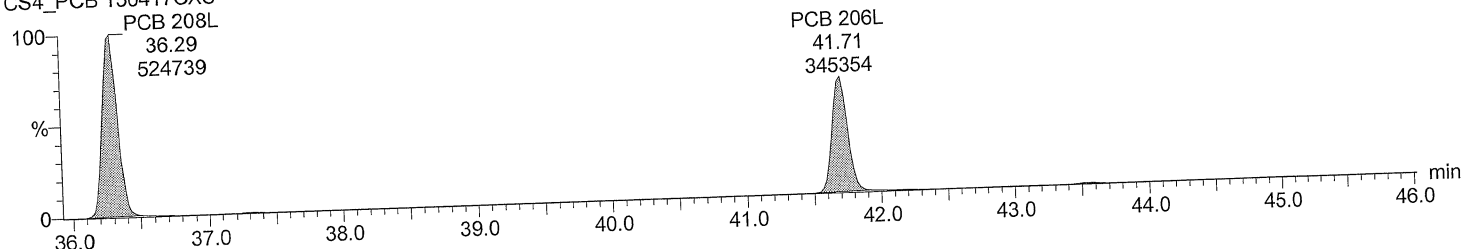
F7:SIR of 18 channels, EI+
473.7648
3.237e+006



Total NoCB labeled F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

F7:SIR of 18 channels, EI+
475.7619
4.150e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

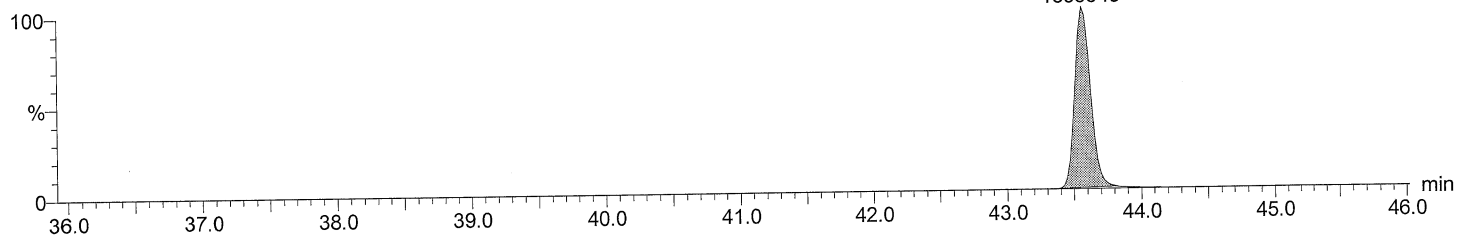
Time: 21:13:41

Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

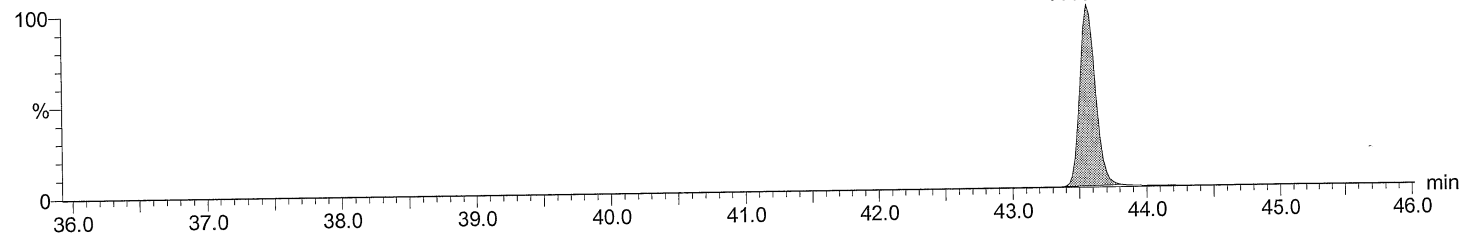
PCB 209 F7:SIR of 18 channels,EI+
43.56 497.6826
1335343 1.011e+007



Total DeCB F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

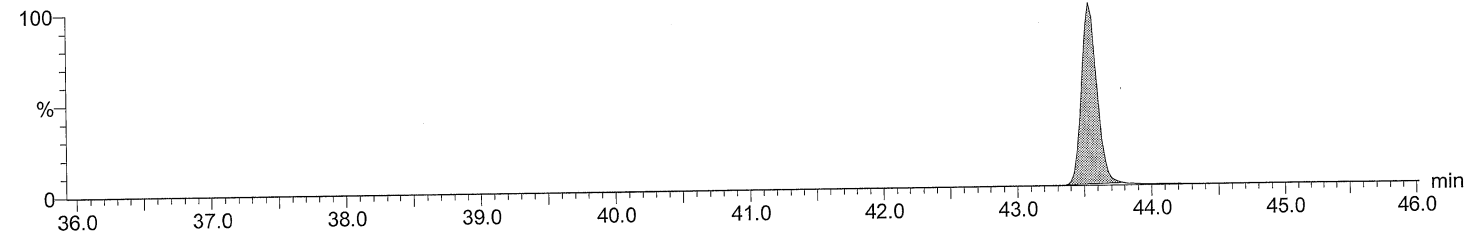
PCB 209 F7:SIR of 18 channels,EI+
43.56 499.6797
1110428 8.424e+006



Total DeCB labeled F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

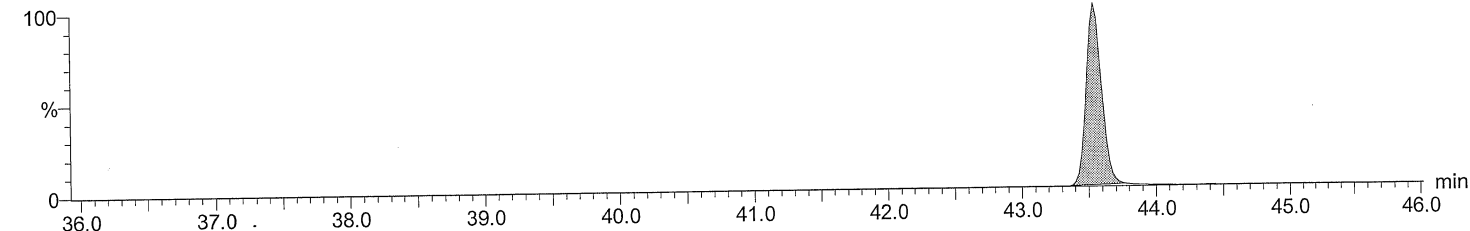
PCB 209L F7:SIR of 18 channels,EI+
43.54 509.7229
317324 2.431e+006



Total DeCB labeled F7

M2160211AS005 Smooth(SG,3x1)
CS4_PCB 150417CXU

PCB 209L F7:SIR of 18 channels,EI+
43.54 511.7199
263610 2.043e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

lockmass F1

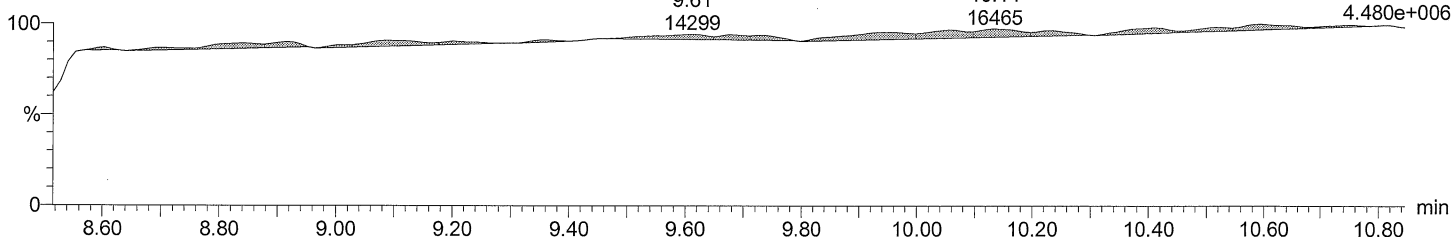
9.61
14299

lockmass F1

10.14
16465

F1:SIR of 10 channels,EI+

218.9856
4.480e+006



lockmass F2

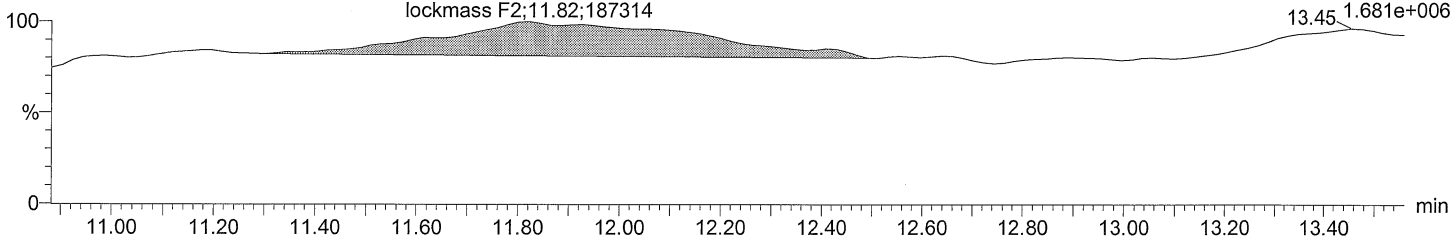
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

lockmass F2;11.82;187314

F2:SIR of 16 channels,EI+

242.9856
1.681e+006



lockmass F3

M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

lockmass F3

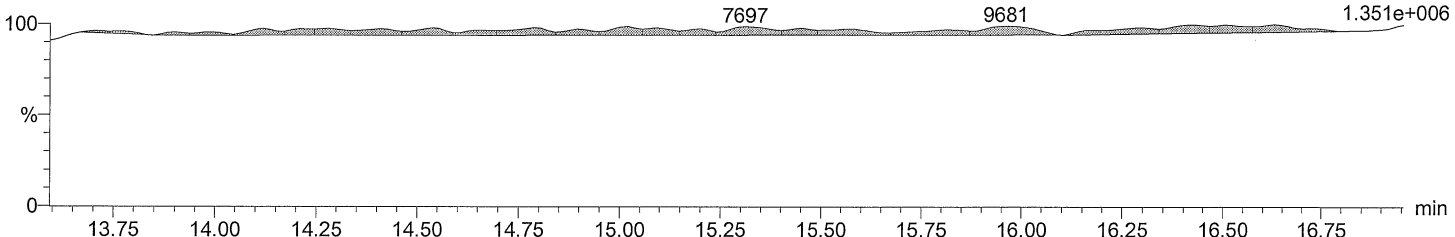
15.31
7697

lockmass F3

15.96
9681

F3:SIR of 14 channels,EI+

292.9824
1.351e+006



lockmass F4

M2160211AS005 Smooth(SG,3x1)

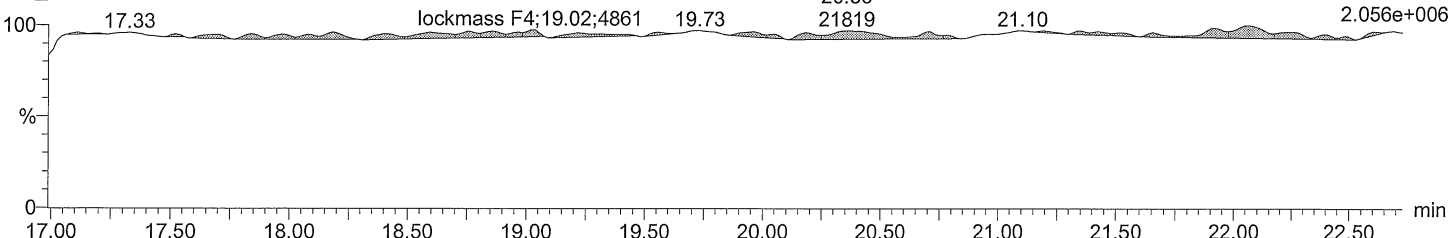
CS4_PCB 150417CXU

lockmass F4

20.36
21819

F4:SIR of 14 channels,EI+

330.9792
2.056e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS4_PCB 150417CXU

Vial: 5

Date: 11-FEB-2016

Time: 21:13:41

Instrument: Autospec-UltimaE

lockmass F5

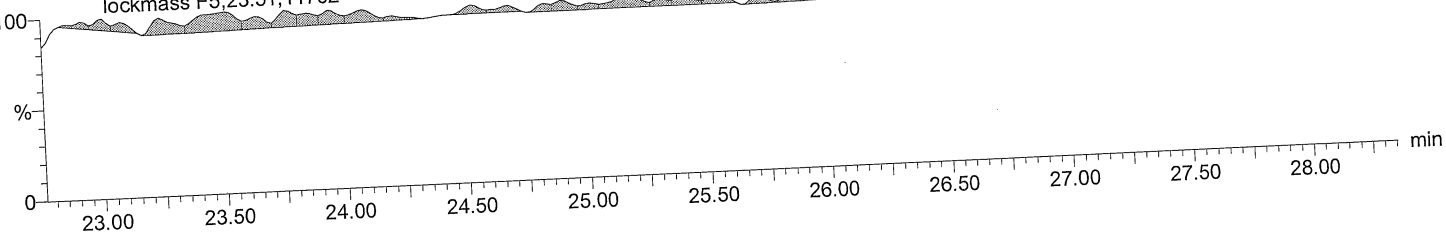
M2160211AS005 Smooth(SG,3x1)

CS4_PCB 150417CXU

lockmass F5	lockmass F5	lockmass F5	lockmass F5	lockmass F5
25.16	25.72	26.30	26.86	
5834	2310	3663	6494	

F5:SIR of 14 channels,El+
354.9792
6.101e+005

lockmass F5;23.51;11702



lockmass F6

M2160211AS005 Smooth(SG,3x1)

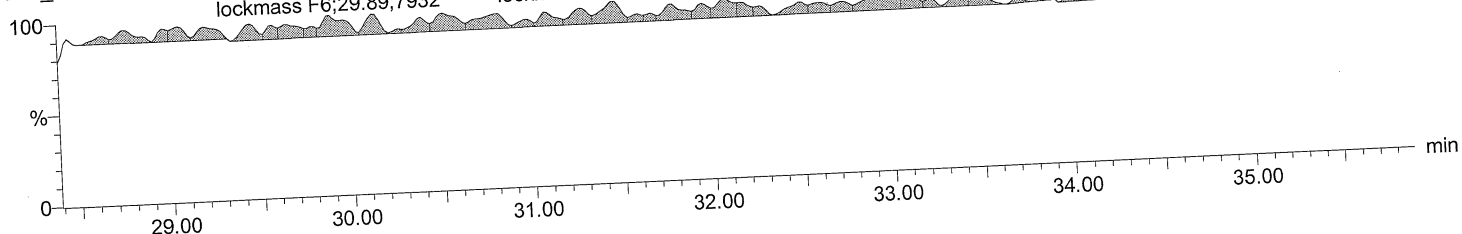
CS4_PCB 150417CXU

lockmass F6	lockmass F6
33.38	34.12
4444	4969

F6:SIR of 14 channels,El+
404.9760
4.574e+005

lockmass F6;29.89;7932

lockmass F6;31.45;7006



lockmass F7

M2160211AS005 Smooth(SG,3x1)

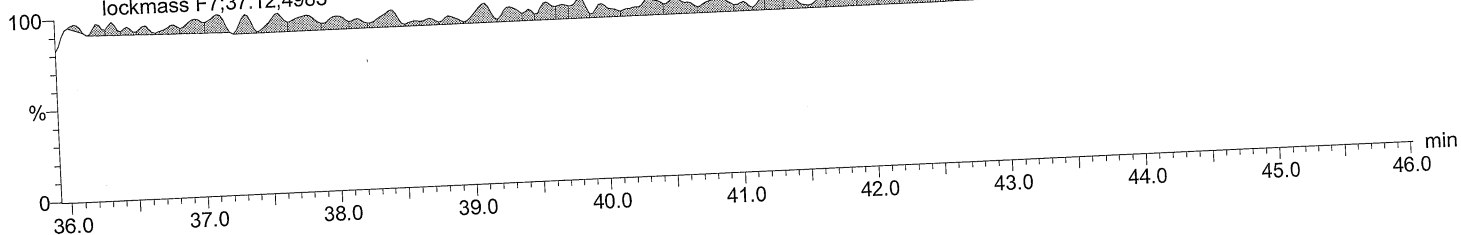
CS4_PCB 150417CXU

lockmass F7	lockmass F7	lockmass F7
42.12	43.03	43.95
4799	4628	3834

F7:SIR of 18 channels,El+
454.9728
3.911e+005

lockmass F7;37.12;4983

lockmass F7;39.82;5061



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

Description: CS5_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1	PCB 1	8.99	1.001	24703482	7776331	3.18	YES	bb	2088....	4.4	104	29	1.129
2	PCB 3	10.19	1.001	26479004	8267432	3.20	YES	bd	2067....	3.4	103	30	1.115
3	PCB 4	10.30	1.001	11211009	7169348	1.56	YES	bb	2065....	3.3	103	31	0.985
4	PCB 15	12.93	1.000	22328206	14540719	1.54	YES	db	2101....	5.1	105	32	0.915
5	PCB 19	11.68	1.002	9280472	8954110	1.04	YES	bb	2116....	5.8	106	33	0.951
6	PCB 37	16.68	1.001	18578534	18041260	1.03	YES	bb	2038....	1.9	102	34	0.923
7	PCB 54	13.06	1.000	10437471	13485612	0.77	YES	bb	2074....	3.7	104	35	0.944
8	PCB 81	21.42	1.001	15937580	20878778	0.76	YES	bb	2028....	1.4	101	36	1.042
9	PCB 77	21.87	1.001	15995979	21051996	0.76	YES	bb	1987....	-0.6	99	37	1.071
10	PCB 104	15.93	1.001	15317222	9857681	1.55	YES	bb	2038....	1.9	102	38	1.115
11	PCB 123	23.51	1.001	20254658	13157641	1.54	YES	bd	2072....	3.6	104	39	0.927
12	PCB 118	23.79	1.001	22892800	14783205	1.55	YES	db	2075....	3.8	104	40	1.019
13	PCB 114	24.27	1.001	22099526	14241938	1.55	YES	bb	2047....	2.4	102	41	1.034
14	PCB 105	24.84	1.001	22249372	14443308	1.54	YES	bb	2077....	3.9	104	42	1.014
15	PCB 126	27.71	1.001	21984454	13853491	1.59	YES	bd	2059....	3.0	103	43	1.005
16	PCB 155	19.63	1.001	14524433	11457932	1.27	YES	bb	2082....	4.1	104	44	1.038
17	PCB 167	29.53	1.001	20703446	16641284	1.24	YES	db	2073....	3.7	104	45	0.981
18	PCB 156/157	30.70	1.001	41345808	33185102	1.25	YES	bb	4076....	1.9	102	46	1.037
19	PCB 169	34.10	1.000	19222178	15249461	1.26	YES	bb	2042....	2.1	102	47	0.975
20	PCB 188	24.22	1.001	12861254	12152562	1.06	YES	bb	2118....	5.9	106	48	1.072
21	PCB 193/180	32.13	1.001	12434092	11685552	1.06	YES	bb	2115....	5.8	106	49	1.205
22	PCB 170	33.45	1.001	12203535	11476132	1.06	YES	bb	2076....	3.8	104	50	1.320
23	PCB 189	36.87	1.001	15403039	15232927	1.01	YES	bb	2015....	0.8	101	51	0.951
24	PCB 202	29.26	1.001	10302207	11448066	0.90	YES	bb	2146....	7.3	107	52	1.060
25	PCB 205	39.73	1.001	12300235	13716375	0.90	YES	bb	2018....	0.9	101	53	1.101
26	PCB 208	36.32	1.001	7996605	10087647	0.79	YES	bb	2095....	4.8	105	54	1.072
27	PCB 206	41.73	1.000	5603406	7082009	0.79	YES	bb	2083....	4.2	104	55	1.070
28	PCB 209	43.56	1.000	6647182	5529123	1.20	YES	bb	2030....	1.5	102	56	1.056
29	PCB 1L	8.98	0.803	1089838	347980	3.13	YES	bb	103.114	3.1	103	63	0.849
30	PCB 3L	10.17	0.910	1186183	371667	3.19	YES	bb	107.977	8.0	108	63	0.920
31	PCB 4L	10.28	0.920	568292	364687	1.56	YES	bb	101.578	1.6	102	63	0.551
32	PCB 15L	12.93	1.157	1242067	772830	1.61	YES	db	110.800	10.8	111	63	1.190
33	PCB 19L	11.66	1.043	490244	468426	1.05	YES	bb	97.948	-2.1	98	63	0.566
34	PCB 37L	16.67	1.086	1014176	970096	1.04	YES	bb	104.078	4.1	104	64	2.068
35	PCB 54L	13.06	0.851	562084	704420	0.80	YES	bb	101.723	1.7	102	64	1.320
36	PCB 81L	21.41	1.395	784846	982586	0.80	YES	bb	105.970	6.0	106	64	1.842
37	PCB 77L	21.85	1.424	768868	961095	0.80	YES	bb	107.485	7.5	107	64	1.803
38	PCB 104L	15.91	0.805	692714	435925	1.59	YES	bb	106.044	6.0	106	65	1.225
39	PCB 123L	23.49	1.188	1106384	696310	1.59	YES	bd	101.114	1.1	101	65	1.957
40	PCB 118L	23.78	1.203	1139007	710313	1.60	YES	db	105.365	5.4	105	65	2.008
41	PCB 114L	24.26	1.227	1082739	674330	1.61	YES	bb	107.617	7.6	108	65	1.908
42	PCB 105L	24.83	1.256	1114979	693953	1.61	YES	bb	107.780	7.8	108	65	1.964
43	PCB 126L	27.69	1.401	1096756	685412	1.60	YES	bb	111.504	11.5	112	65	1.935
44	PCB 155L	19.61	0.738	698674	553281	1.26	YES	bb	108.043	8.0	108	66	1.516
45	PCB 167L	29.50	1.110	1065095	839268	1.27	YES	db	109.326	9.3	109	66	2.307
46	PCB 156L/157L	30.68	1.155	2014929	1579938	1.27	YES	bb	226.674	13.3	113	66	2.177
47	PCB 169L	34.08	1.283	988570	779352	1.27	YES	bb	113.524	13.5	114	66	2.141
48	PCB 188L	24.20	0.911	602543	564535	1.07	YES	bb	106.334	6.3	106	66	1.414

AutoSpec Ultima - M2

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

Description: CS5_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
49	PCB 180L	32.09	0.819	518729	482403	1.08	YES	bb	106.112	6.1	106	67	1.431
50	PCB 170L	33.42	0.853	466493	430770	1.08	YES	bb	108.676	8.7	109	67	1.283
51	PCB 189L	36.84	0.940	837786	772828	1.08	YES	bb	106.715	6.7	107	67	2.302
52	PCB 202L	29.25	0.746	487233	538995	0.90	YES	bb	103.340	3.3	103	67	1.467
53	PCB 205L	39.71	1.013	569931	611958	0.93	YES	bb	110.321	10.3	110	67	1.689
54	PCB 208L	36.29	0.926	371053	472157	0.79	YES	bb	105.777	5.8	106	67	1.205
55	PCB 206L	41.71	1.064	261460	331473	0.79	YES	bb	111.582	11.6	112	67	0.848
56	PCB 209L	43.54	1.111	312372	264250	1.18	YES	bb	113.790	13.8	114	67	0.824
57	PCB 28L	14.39	0.938	963488	928338	1.04	YES	db	96.663	-3.3	97	64	1.971
58	PCB 111L	21.83	1.105	804736	505204	1.59	YES	bb	105.906	5.9	106	65	1.422
59	PCB 178L	26.98	1.015	322634	305620	1.06	YES	bb	103.825	3.8	104	66	0.761
60	PCB 31L	14.24	0.928	892530	860310	1.04	YES	bd	94.421	-5.6	94	64	1.826
61	PCB 95L	17.74	0.897	532984	330791	1.61	YES	bb	99.126	-0.9	99	65	0.938
62	PCB 153L	25.41	0.956	568039	436716	1.30	YES	bb	99.335	-0.7	99	66	1.217
63	PCB 9L	11.18	0.000	1045015	647648	1.61	YES	bb	90.247	-9.8	90	0	16926...
64	PCB 52L	15.35	0.000	420594	539123	0.78	YES	bb	97.377	-2.6	97	0	9597....
65	PCB 101L	19.77	0.000	570117	350848	1.63	YES	bb	103.688	3.7	104	0	9209....
66	PCB 138L	26.57	0.000	470091	355523	1.32	YES	bb	102.274	2.3	102	0	8256....
67	PCB 194L	39.18	0.000	337621	361994	0.93	YES	bb	107.120	7.1	107	0	6996....
68	Total MoCB F1								4155....			29	
69	Total MoCB labeled ...								211.091			63	
70	Total DiCB F1								2065....			31	
71	Total DiCB labeled F1								101.578			63	
72	Total DiCB F2								2101....			32	
73	Total DiCB labeled F2								201.048			63	
74	Total TriCB F2								2116....			33	
75	Total TriCB labeled F2								97.948			63	
76	Total TriCB F3								2038....			34	
77	Total TriCB labeled F3								295.162			64	
78	Total TeCB F2								2074....			35	
79	Total TeCB labeled F2								101.723			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								97.377			64	
82	Total TeCB F4								4016....			36	
83	Total TeCB labeled F4								213.455			64	
84	Total PeCB F3								2038....			38	
85	Total PeCB labeled F3								106.044			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								308.720			65	
88	Total PeCB F5								10331...			39	
89	Total PeCB labeled F5								533.380			65	
90	Total HxCB F4								2082....			44	
91	Total HxCB labeled F4								108.043			66	
92	Total HxCB F5											45	
93	Total HxCB labeled F5								201.609			66	
94	Total HxCB F6								8193....			45	
95	Total HxCB labeled F6								449.524			66	
96	Total HpCB F5								2118....			48	

AutoSpec Ultima - M2

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:07:11 AM Eastern Standard Time

ID:
Date: 11-FEB-2016
Time: 22:03:55
Instrument: Autospec-UltimaE
Description: CS5_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
97	Total HpCB labeled ...									210.159			67	
98	Total HpCB F6									4191....			49	
99	Total HpCB labeled ...									214.788			67	
100	Total HpCB F7									2015....			51	
101	Total HpCB labeled ...									106.715			67	
102	Total OcCB F6									2146....			52	
103	Total OcCB labeled ...									103.340			67	
104	Total OcCB F7									2018....			53	
105	Total OcCB labeled ...									217.441			67	
106	Total NoCB F7									4179....			54	
107	Total NoCB labeled ...									217.359			67	
108	Total DeCB F7									2030....			56	
109	Total DeCB labeled ...									113.790			67	
110	lockmass F1												0	
111	lockmass F2												0	
112	lockmass F3												0	
113	lockmass F4												0	
114	lockmass F5												0	
115	lockmass F6												0	
116	lockmass F7												0	

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

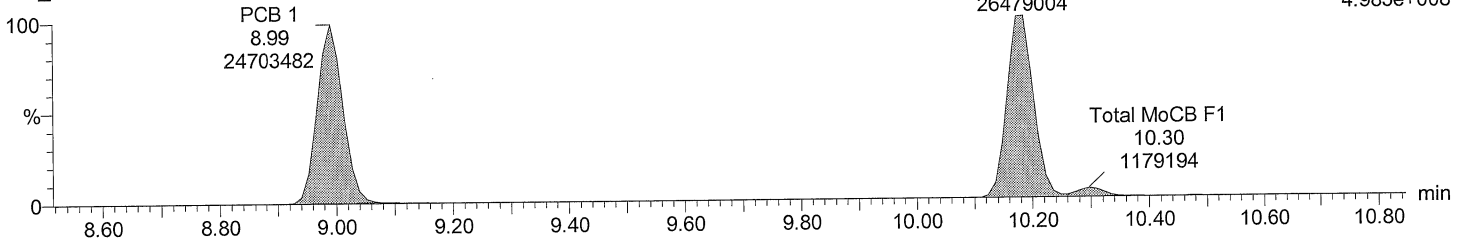
Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time
Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU
Vial: 6
Date: 11-FEB-2016
Time: 22:03:55
Instrument: Autospec-UltimaE

Total MoCB F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

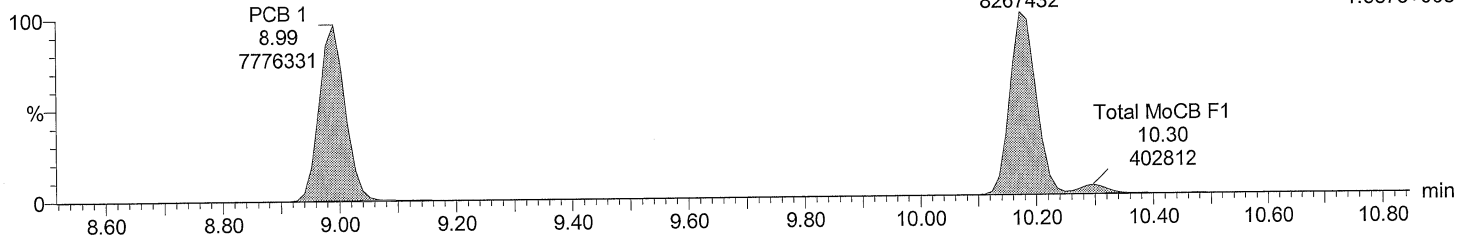
PCB 3 10.19 26479004
F1:SIR of 10 channels,EI+
188.0393
4.985e+008



Total MoCB F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

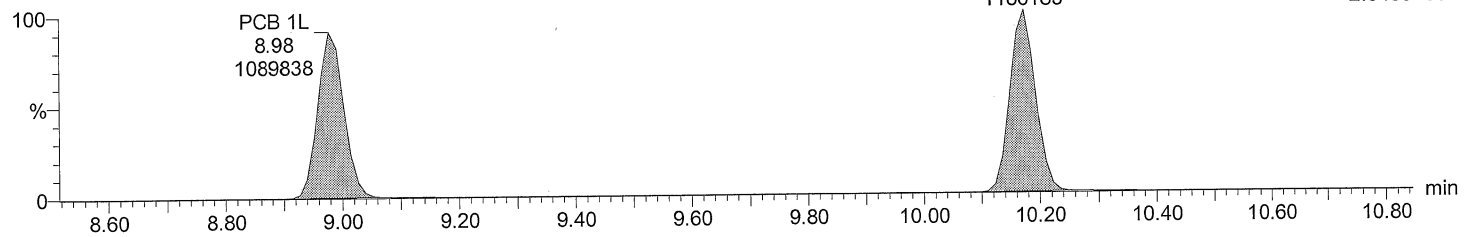
PCB 3 10.17 8267432
F1:SIR of 10 channels,EI+
190.0363
1.587e+008



Total MoCB labeled F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

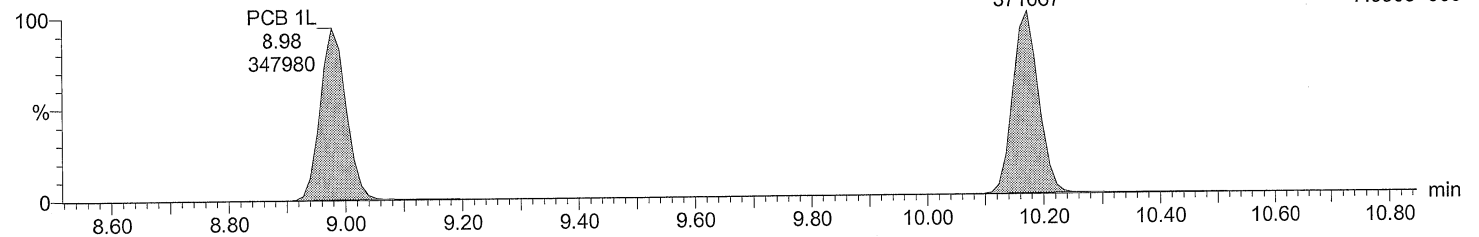
PCB 3L 10.17 1186183
F1:SIR of 10 channels,EI+
200.0795
2.348e+007



Total MoCB labeled F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 3L 10.17 371667
F1:SIR of 10 channels,EI+
202.076
7.330e+006



Quantify Sample Report MassLynx 4.0 SP1

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

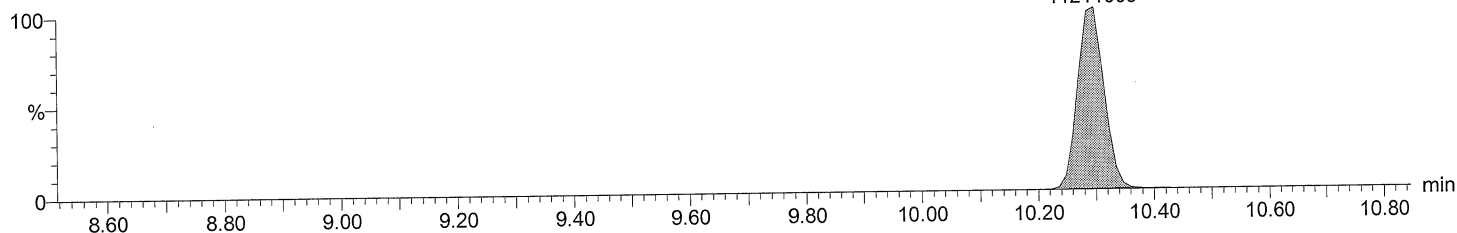
Time: 22:03:55

Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

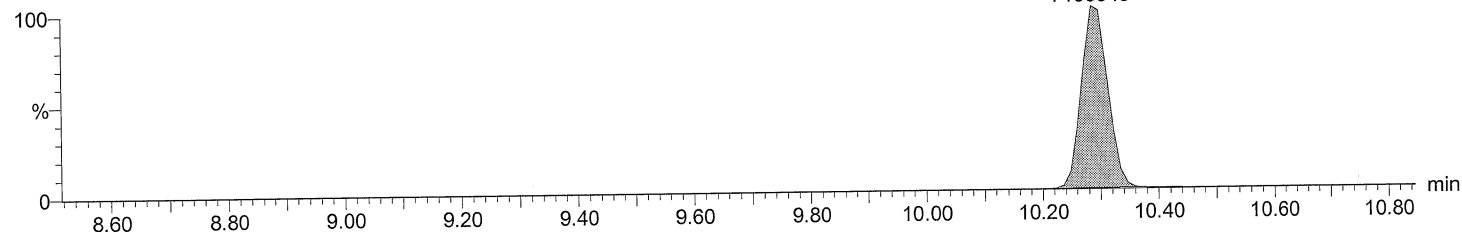
PCB 4
10.30
11211009
F1:SIR of 10 channels,EI+
222.0003
2.146e+008



Total DiCB F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

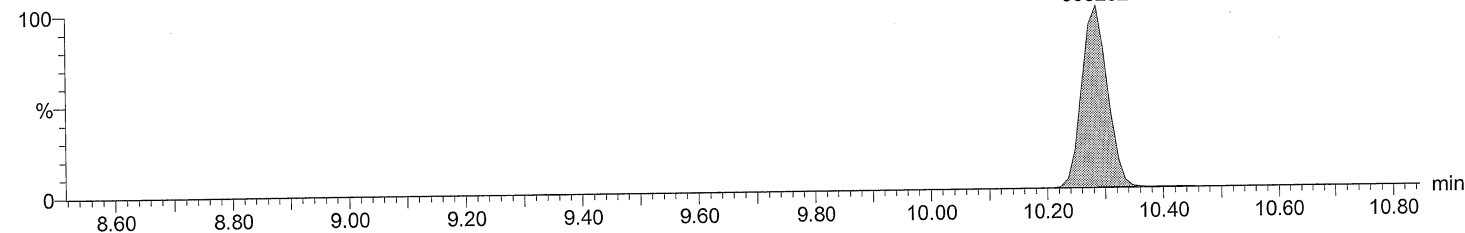
PCB 4
10.28
7169348
F1:SIR of 10 channels,EI+
223.9974
1.372e+008



Total DiCB labeled F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

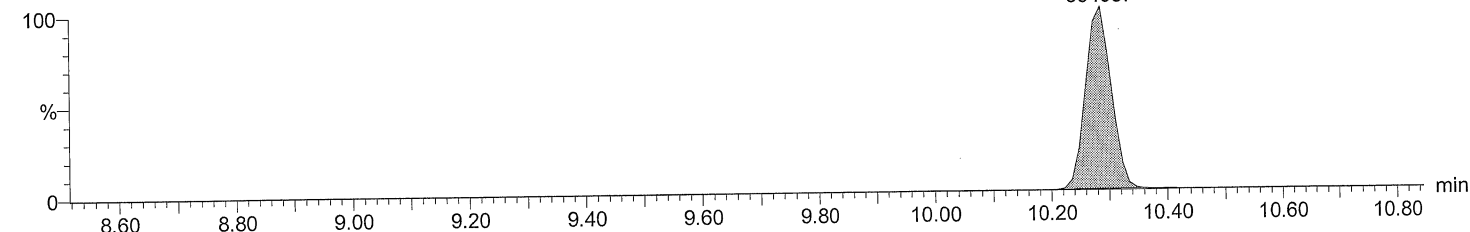
PCB 4L
10.28
568292
F1:SIR of 10 channels,EI+
234.0406
1.121e+007



Total DiCB labeled F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 4L
10.28
364687
F1:SIR of 10 channels,EI+
236.0376
7.181e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS5_PCB 150417CXU

Vial: 6

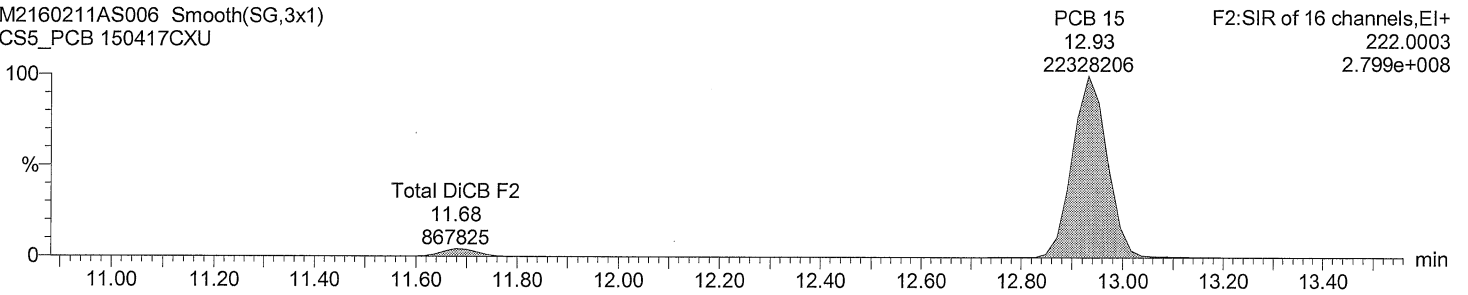
Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

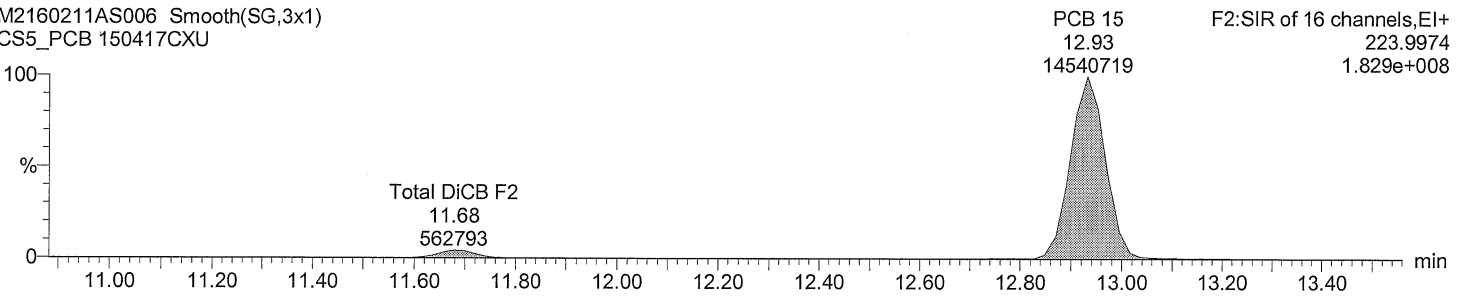
Total DiCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



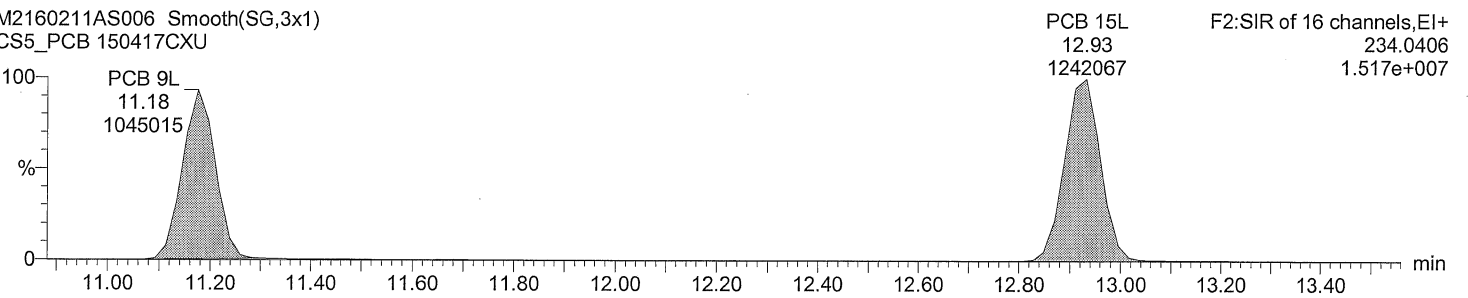
Total DiCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



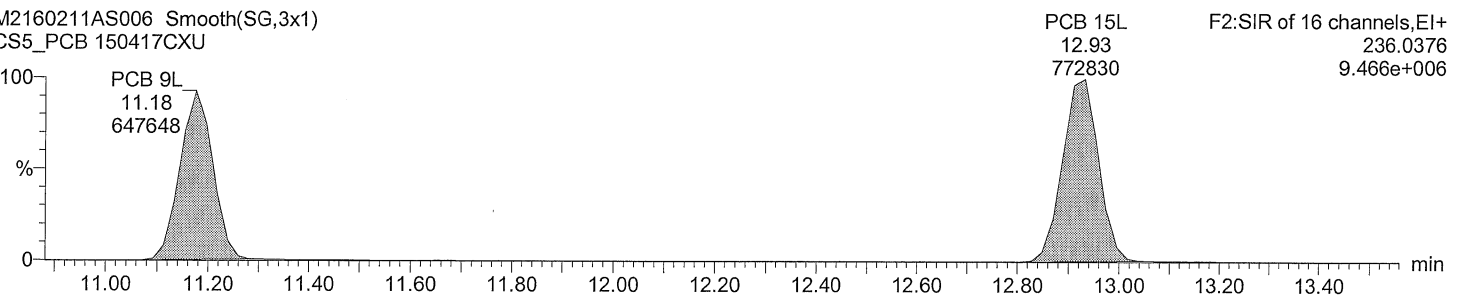
Total DiCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Total DiCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

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Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

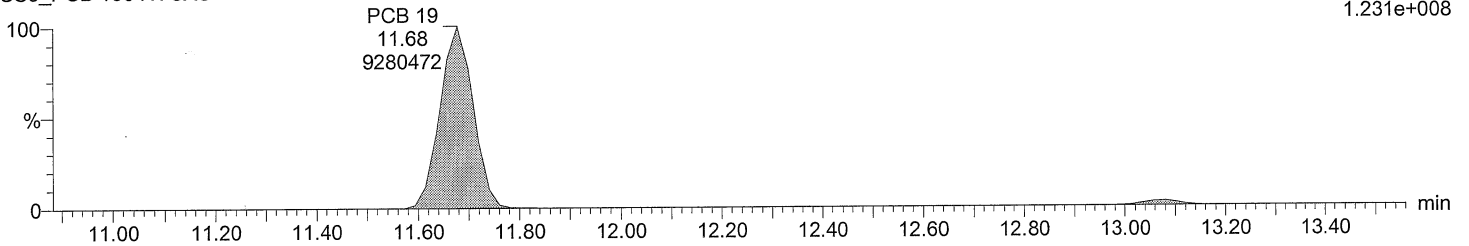
Time: 22:03:55

Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

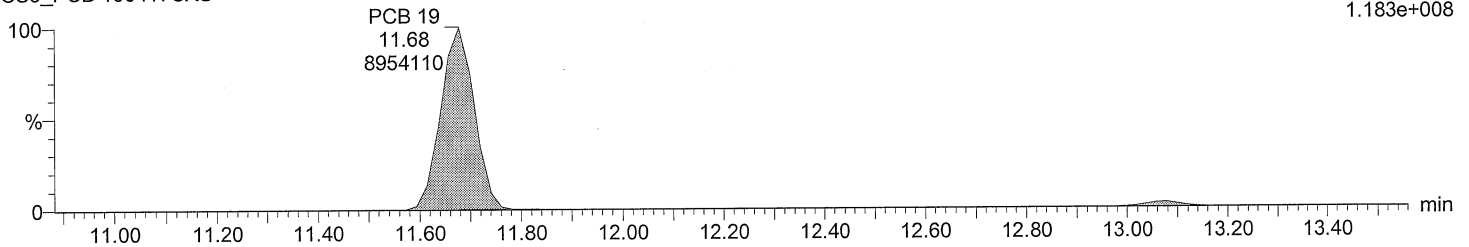
F2:SIR of 16 channels,EI+
255.9614
1.231e+008



Total TriCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

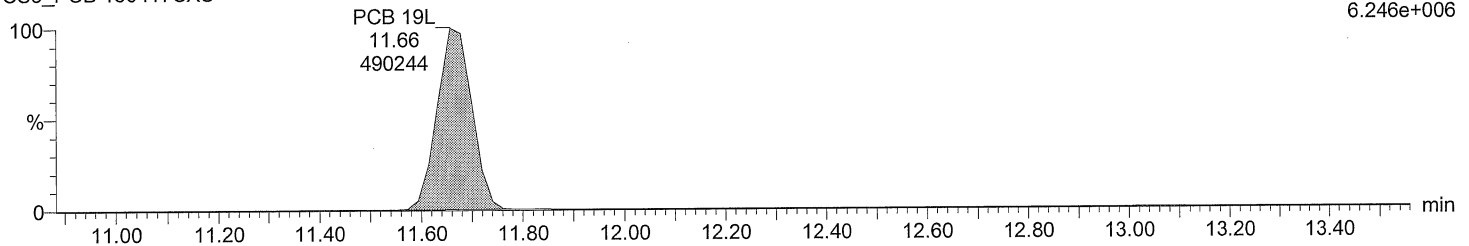
F2:SIR of 16 channels,EI+
257.9584
1.183e+008



Total TriCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

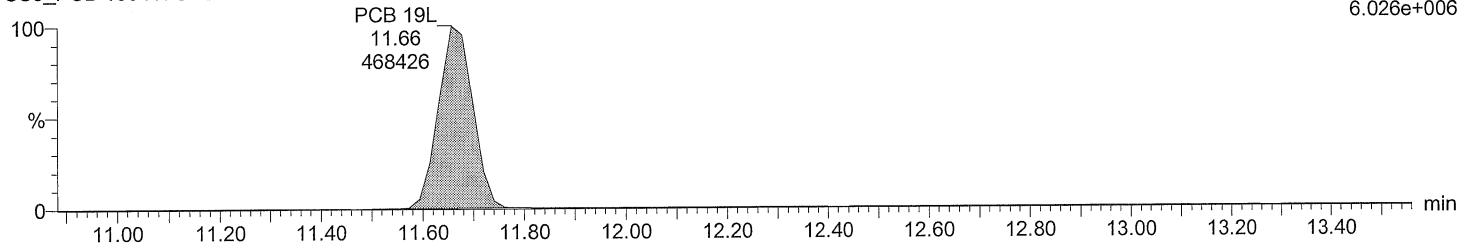
F2:SIR of 16 channels,EI+
268.0016
6.246e+006



Total TriCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F2:SIR of 16 channels,EI+
269.9986
6.026e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

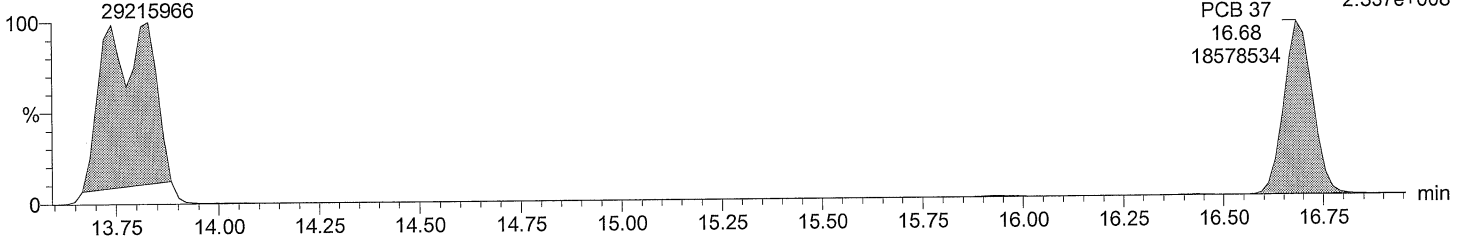
Time: 22:03:55

Instrument: Autospec-UltimaE

Total TriCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

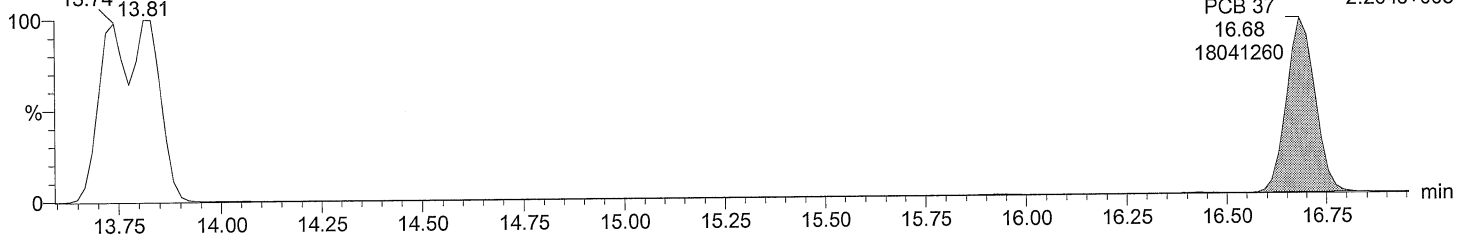
F3:SIR of 14 channels, EI+
255.9614
2.337e+008



Total TriCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

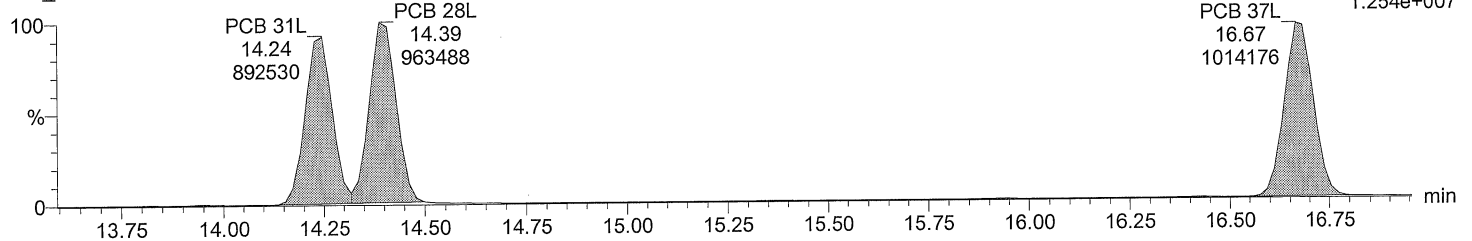
F3:SIR of 14 channels, EI+
257.9584
2.264e+008



Total TriCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

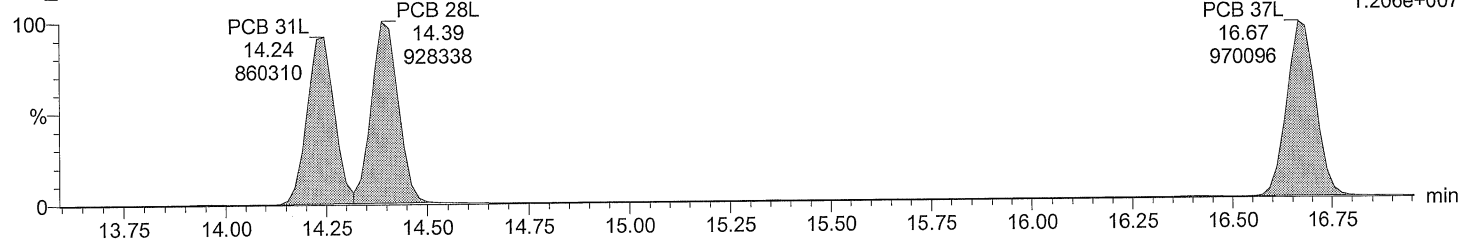
F3:SIR of 14 channels, EI+
268.0016
1.254e+007



Total TriCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F3:SIR of 14 channels, EI+
269.9986
1.206e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

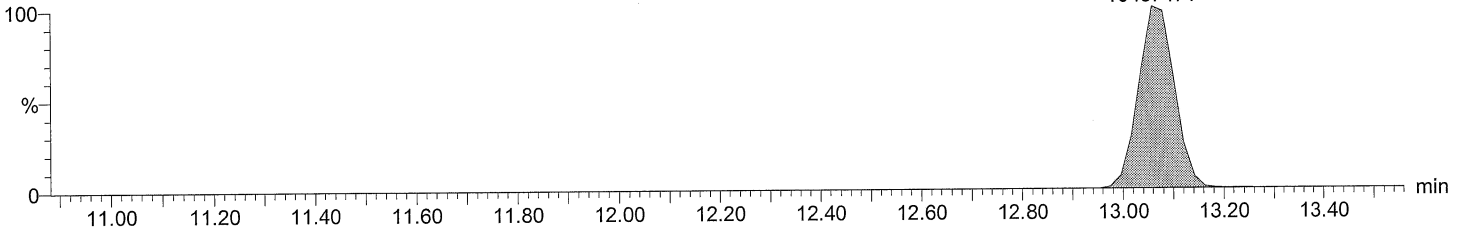
Time: 22:03:55

Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

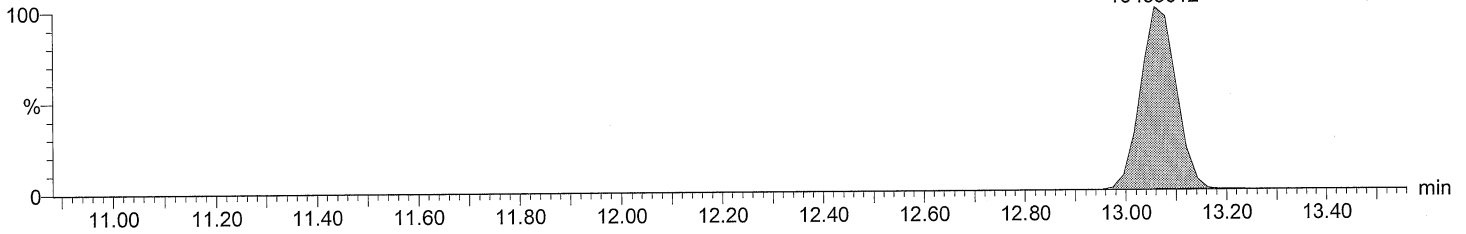
PCB 54 F2:SIR of 16 channels,EI+
13.06 289.9224
10437471 1.265e+008



Total TeCB F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

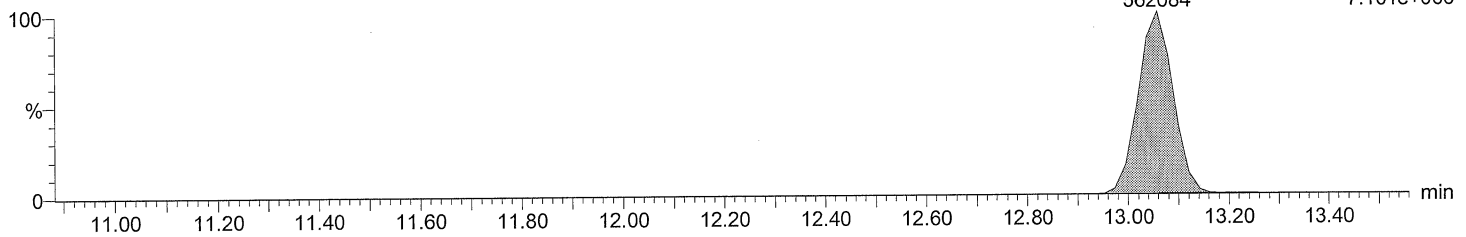
PCB 54 F2:SIR of 16 channels,EI+
13.06 291.9194
13485612 1.656e+008



Total TeCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

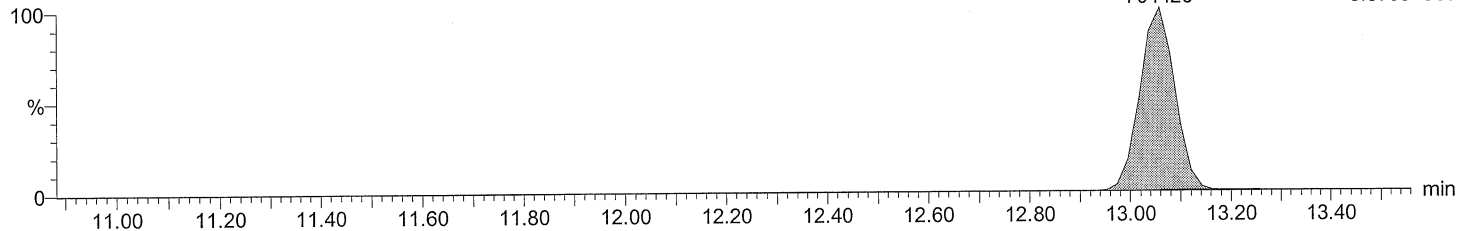
PCB 54L F2:SIR of 16 channels,EI+
13.06 301.9626
562084 7.101e+006



Total TeCB labeled F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+
13.06 303.9597
704420 8.870e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

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Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

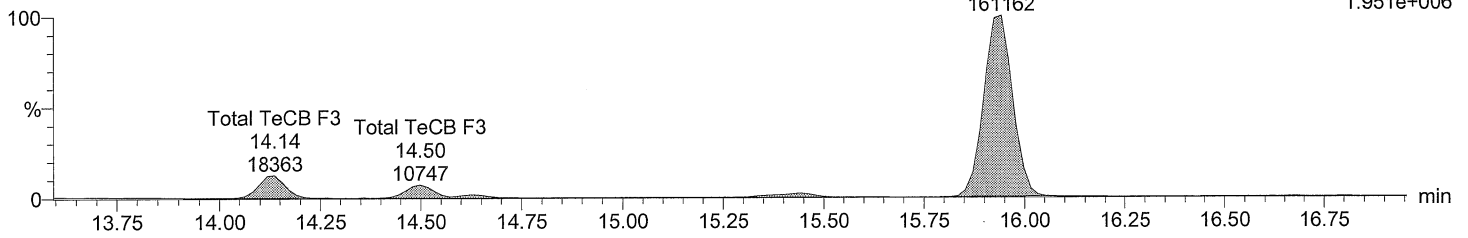
Instrument: Autospec-UltimaE

Total TeCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

Total TeCB F3
15.94
161162

F3:SIR of 14 channels,EI+
289.9224
1.951e+006

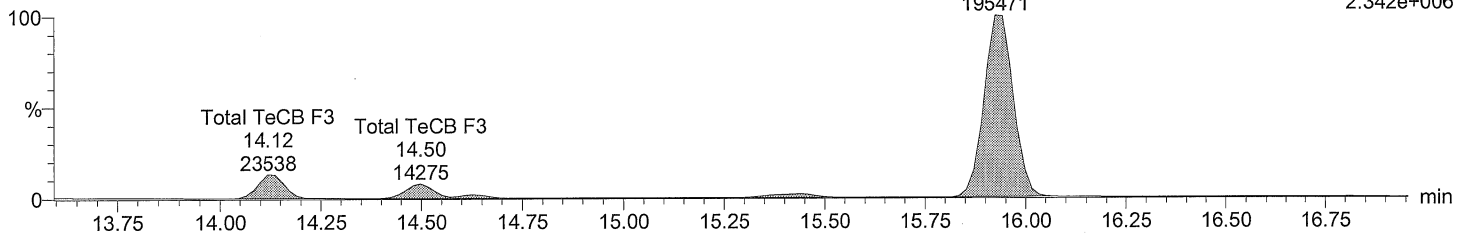


Total TeCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

Total TeCB F3
15.93
195471

F3:SIR of 14 channels,EI+
291.9194
2.342e+006

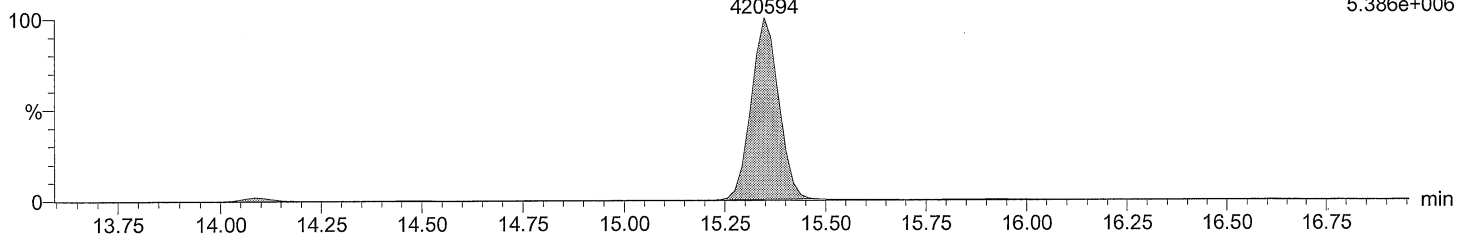


Total TeCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 52L
15.35
420594

F3:SIR of 14 channels,EI+
301.9626
5.386e+006

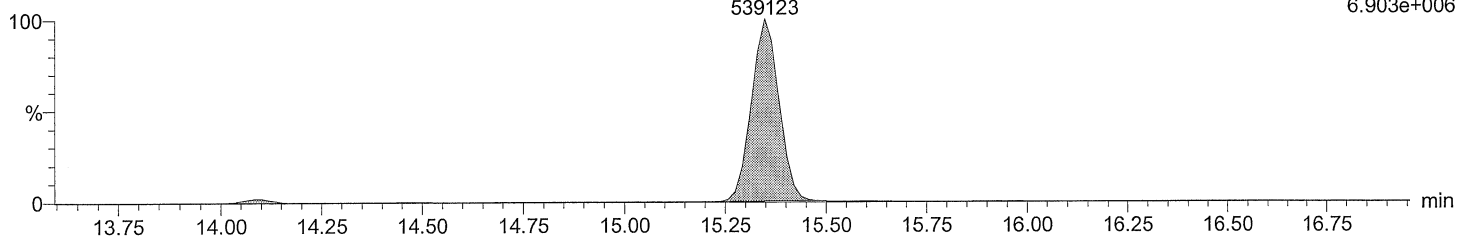


Total TeCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 52L
15.35
539123

F3:SIR of 14 channels,EI+
303.9597
6.903e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS5_PCB 150417CXU

Vial: 6

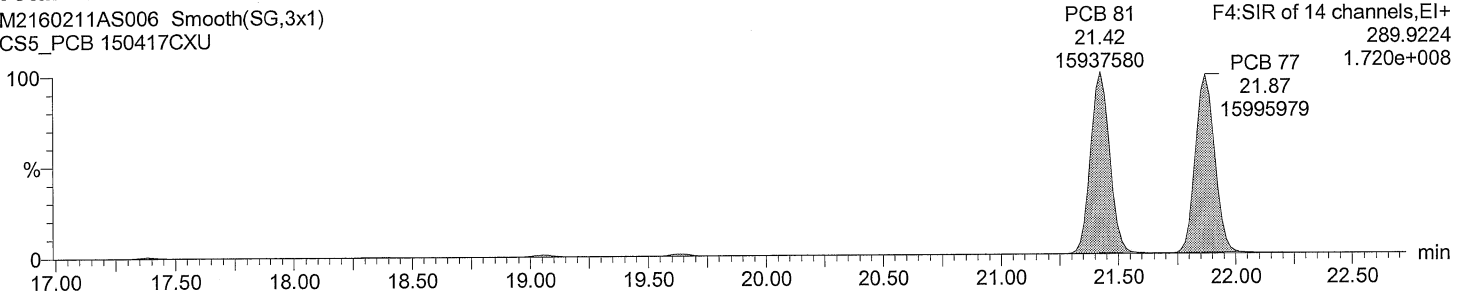
Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

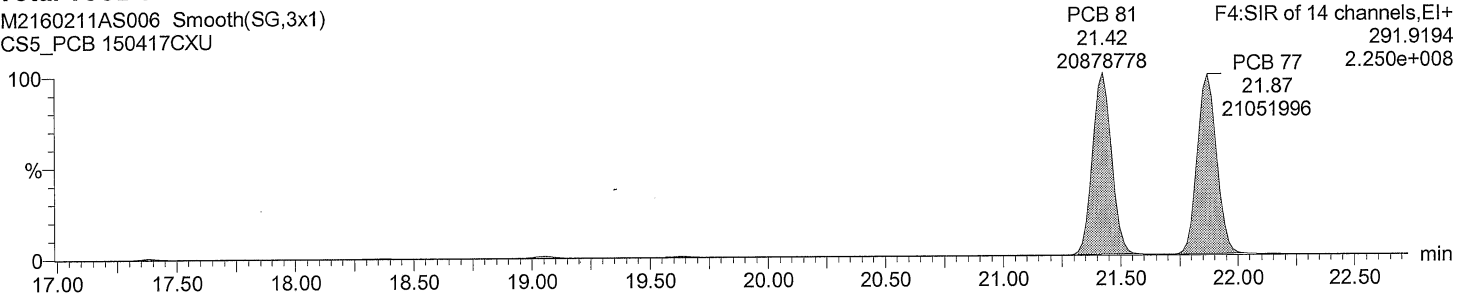
Total TeCB F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



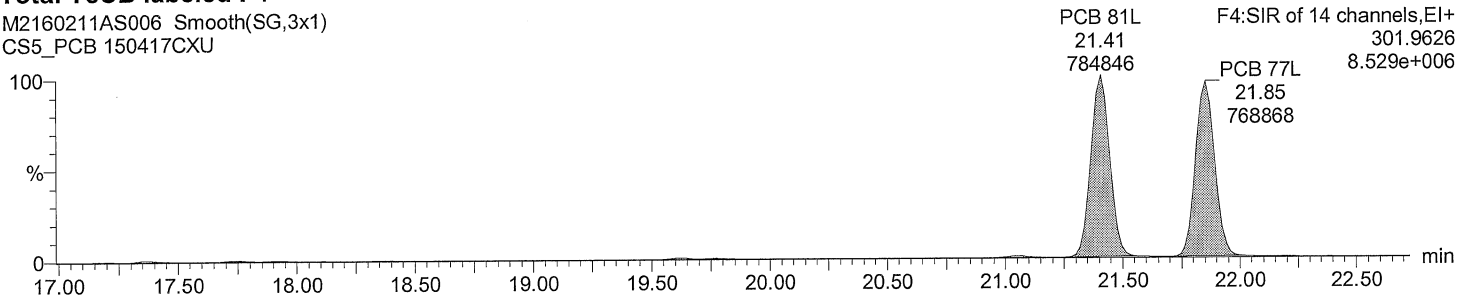
Total TeCB F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



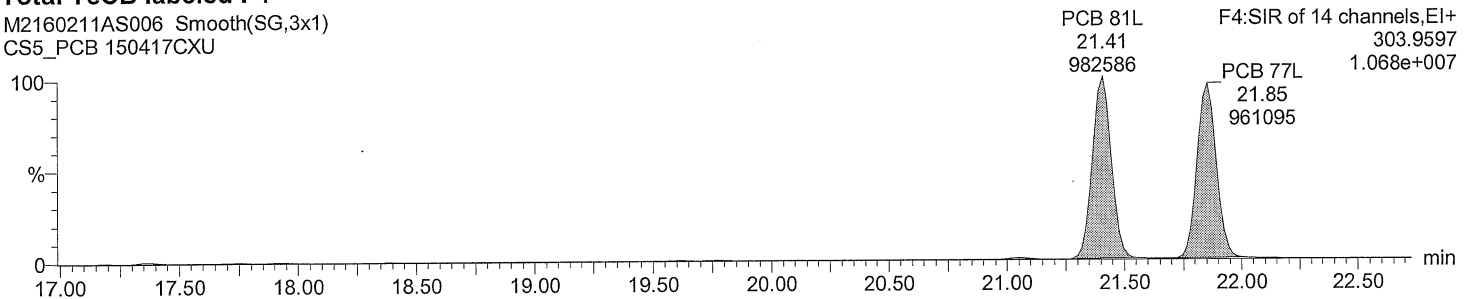
Total TeCB labeled F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Total TeCB labeled F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

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Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

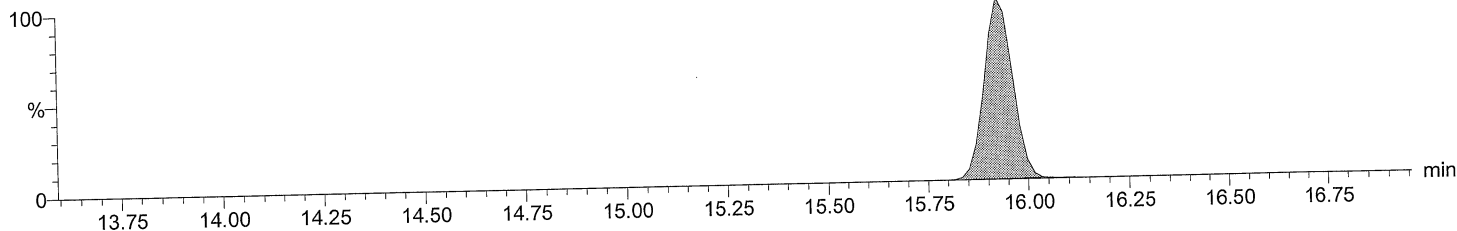
Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 104
15.93
15317222

F3:SIR of 14 channels, EI+
325.8805
1.896e+008

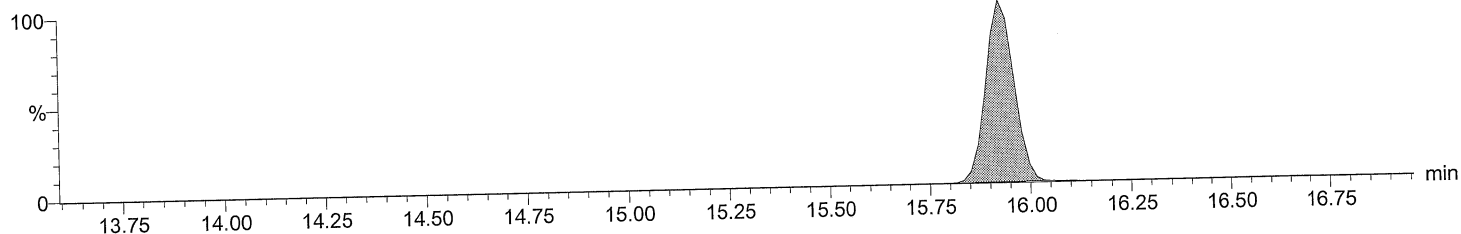


Total PeCB F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 104
15.93
9857681

F3:SIR of 14 channels, EI+
327.8775
1.225e+008

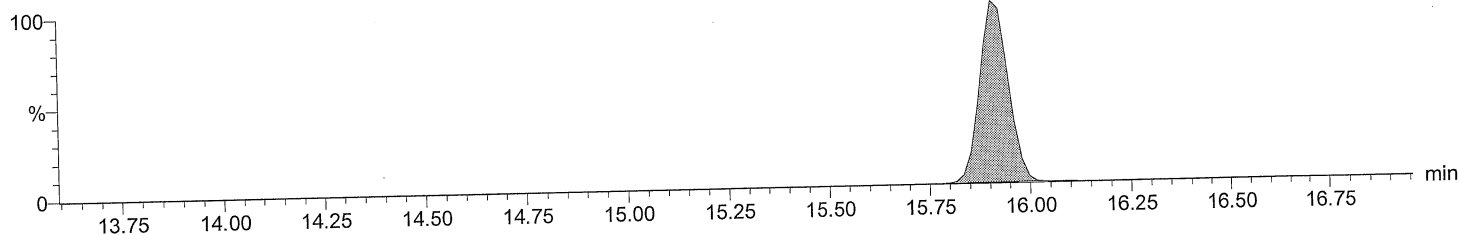


Total PeCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 104L
15.91
692714

F3:SIR of 14 channels, EI+
337.9207
8.478e+006

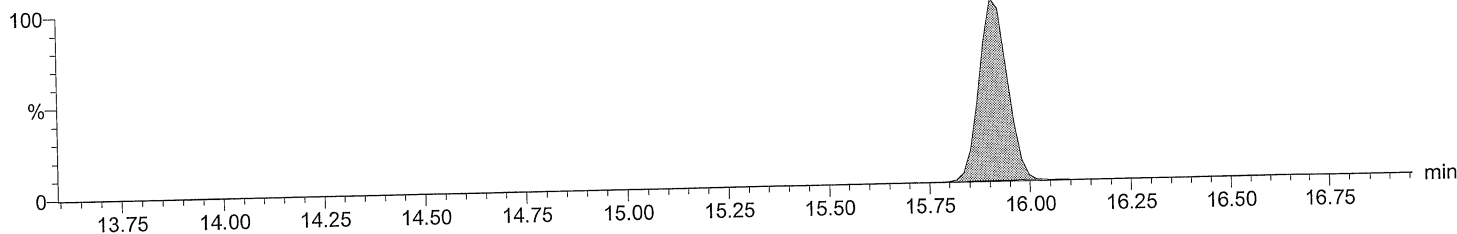


Total PeCB labeled F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 104L
15.91
435925

F3:SIR of 14 channels, EI+
339.9178
5.397e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

Total PeCB F4

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

Total PeCB F4

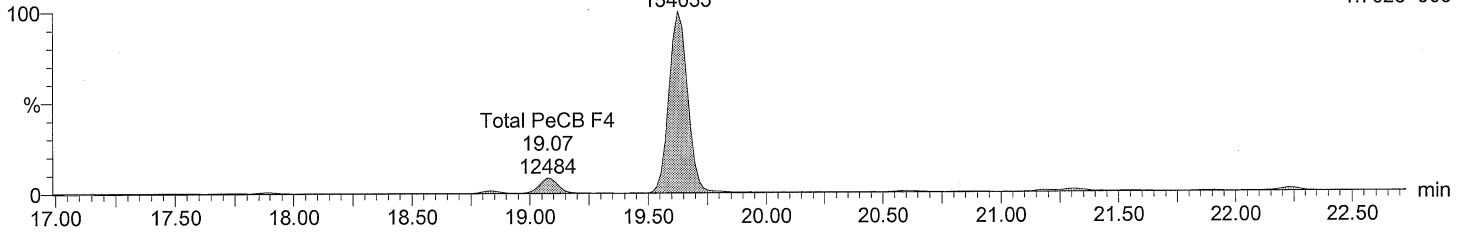
19.63

154055

F4:SIR of 14 channels,EI+

325.8805

1.702e+006



Total PeCB F4

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

Total PeCB F4

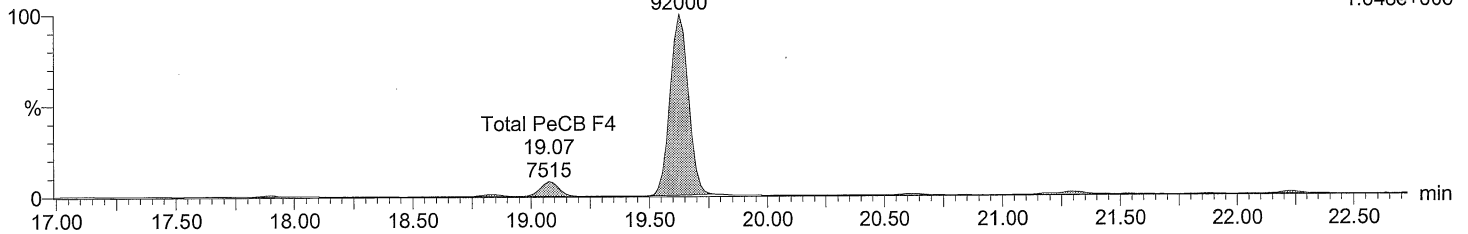
19.63

92000

F4:SIR of 14 channels,EI+

327.8775

1.048e+006



Total PeCB labeled F4

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

PCB 95L

17.74

532984

PCB 101L

19.77

570117

PCB 111L

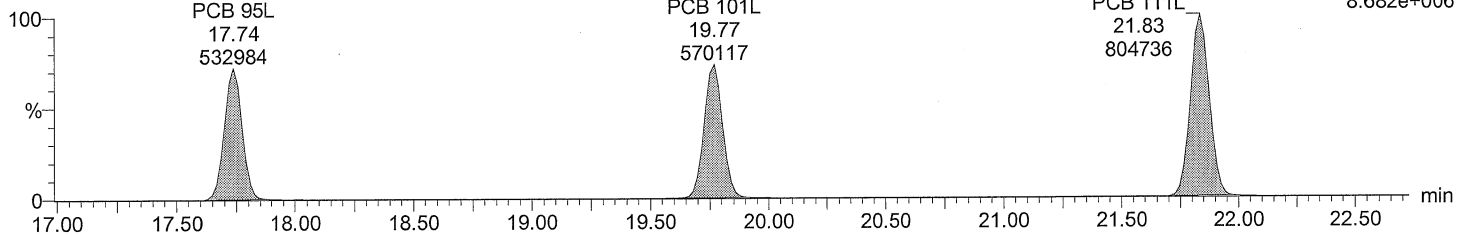
21.83

804736

F4:SIR of 14 channels,EI+

337.9207

8.682e+006



Total PeCB labeled F4

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

PCB 95L

17.74

330791

PCB 101L

19.77

350848

PCB 111L

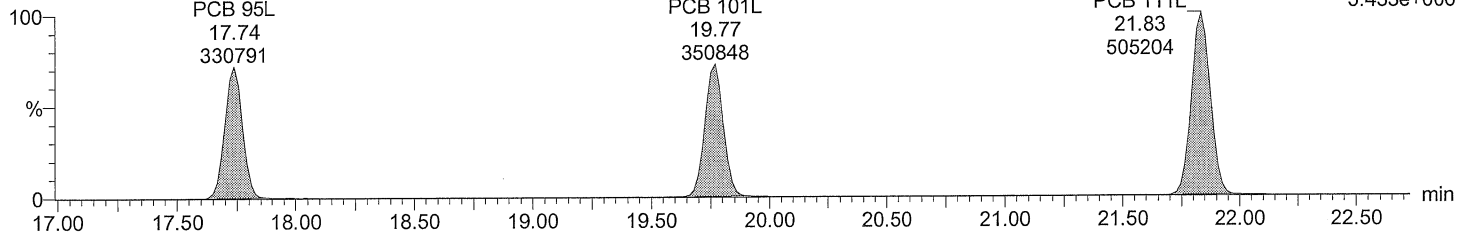
21.83

505204

F4:SIR of 14 channels,EI+

339.9178

5.433e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

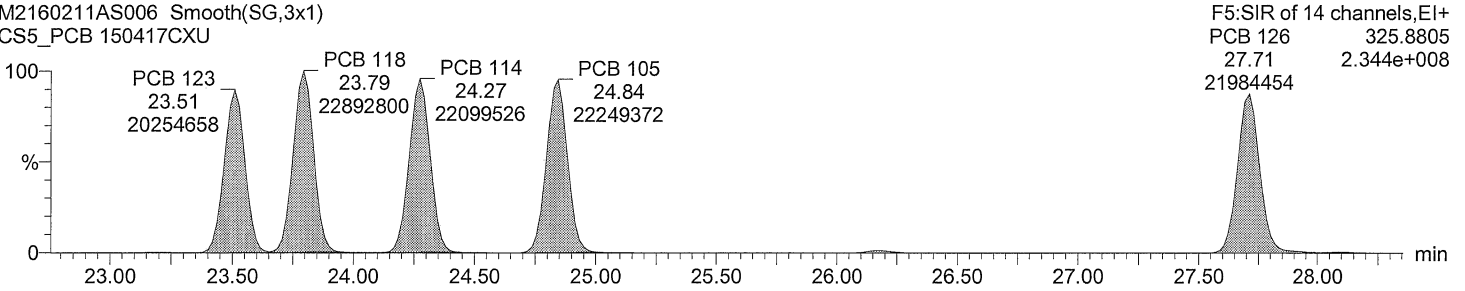
Time: 22:03:55

Instrument: Autospec-UltimaE

Total PeCB F5

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

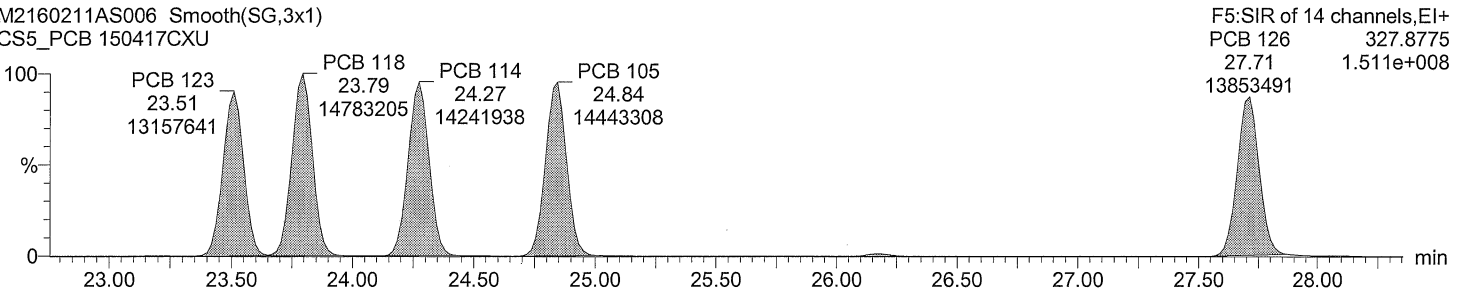


F5:SIR of 14 channels,EI+
PCB 126 325.8805
27.71 2.344e+008
21984454

Total PeCB F5

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

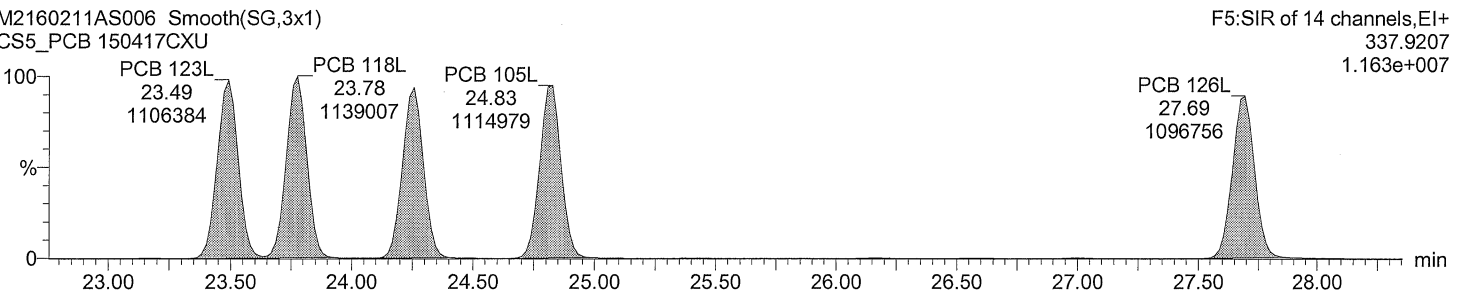


F5:SIR of 14 channels,EI+
PCB 126 327.8775
27.71 1.511e+008
13853491

Total PeCB labeled F5

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU

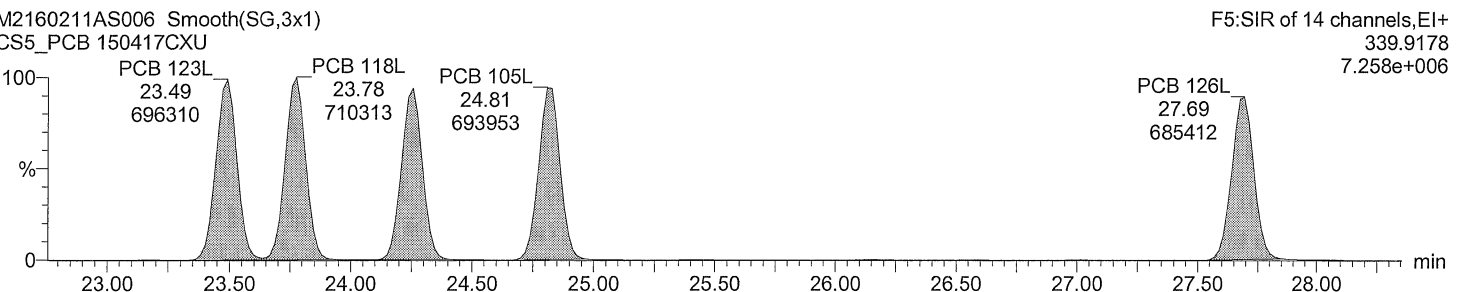


F5:SIR of 14 channels,EI+
337.9207
1.163e+007

Total PeCB labeled F5

M2160211AS006 Smooth(SG,3x1)

CS5_PCB 150417CXU



F5:SIR of 14 channels,EI+
339.9178
7.258e+006

Acquired Date

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

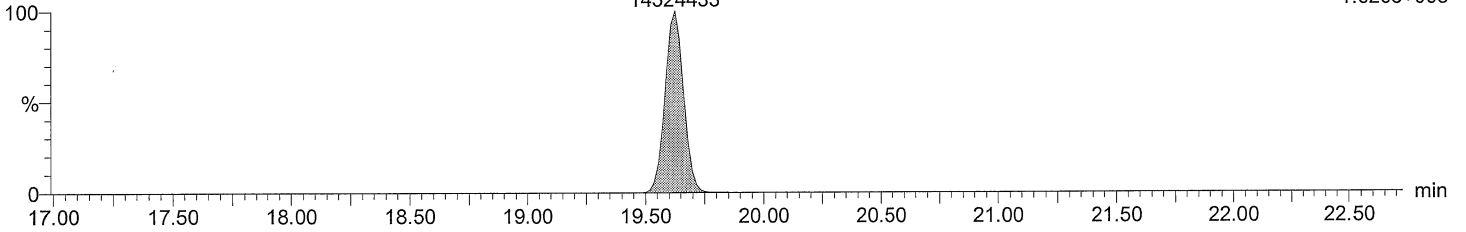
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 155
19.63
14524433

F4:SIR of 14 channels,EI+
359.8415
1.626e+008

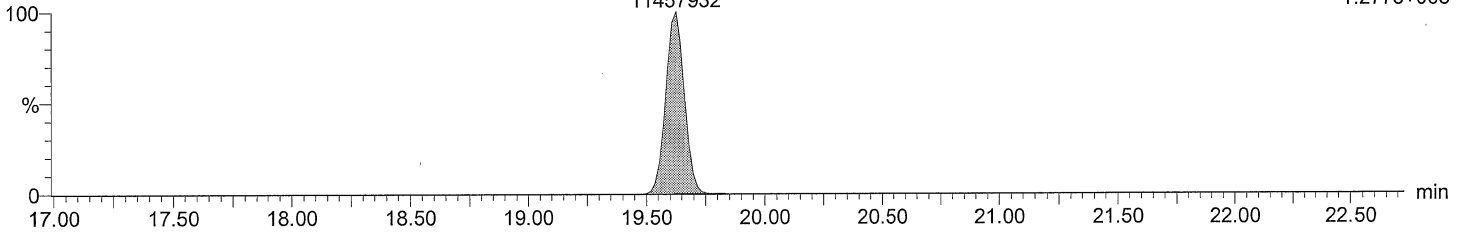


Total HxCB F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 155
19.63
11457932

F4:SIR of 14 channels,EI+
361.8385
1.277e+008

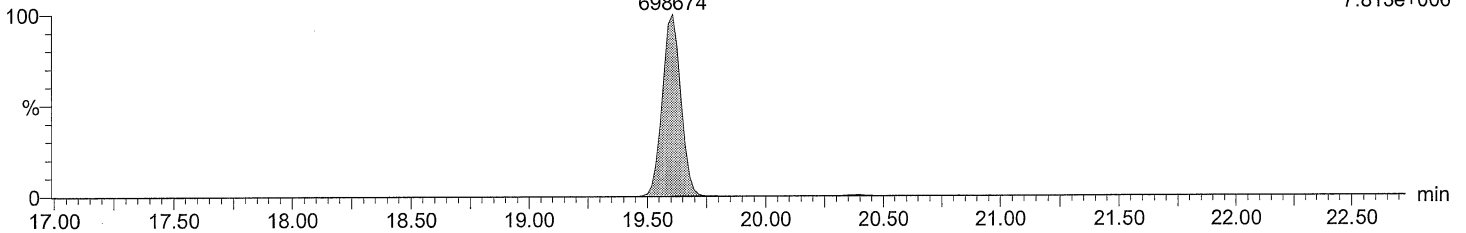


Total HxCB labeled F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 155L
19.61
698674

F4:SIR of 14 channels,EI+
371.8817
7.813e+006

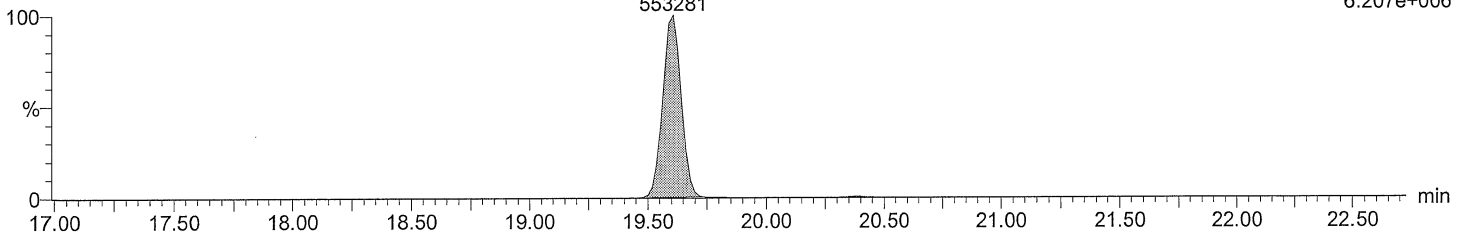


Total HxCB labeled F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 155L
19.61
553281

F4:SIR of 14 channels,EI+
373.8788
6.207e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

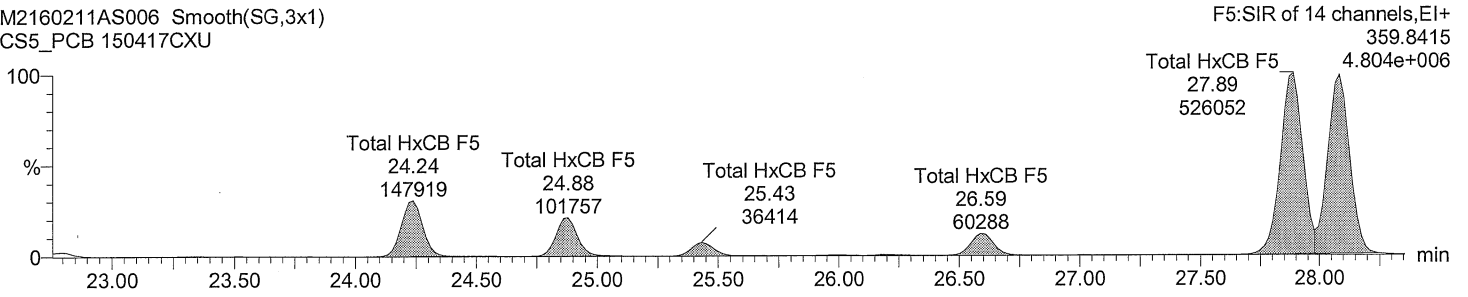
Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

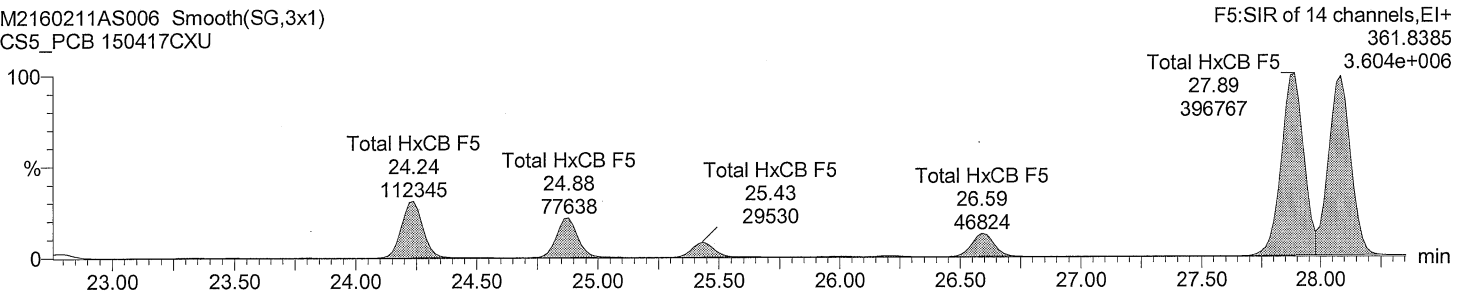
Total HxCB F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



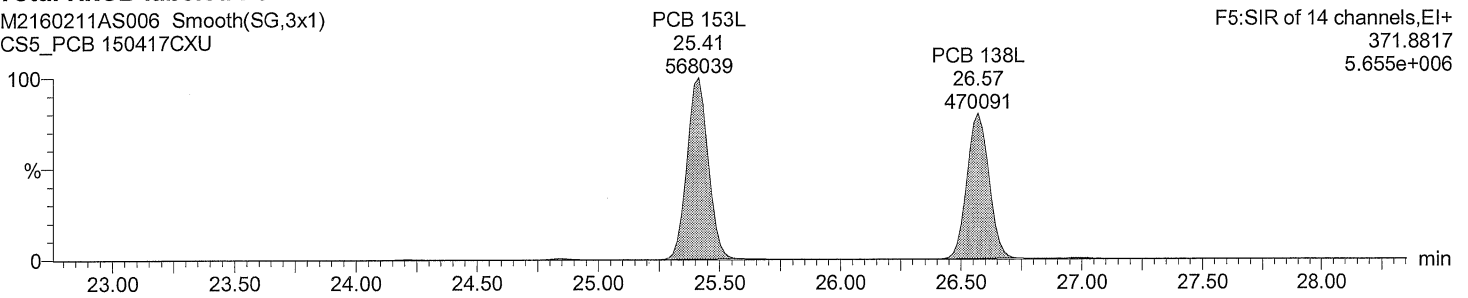
Total HxCB F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



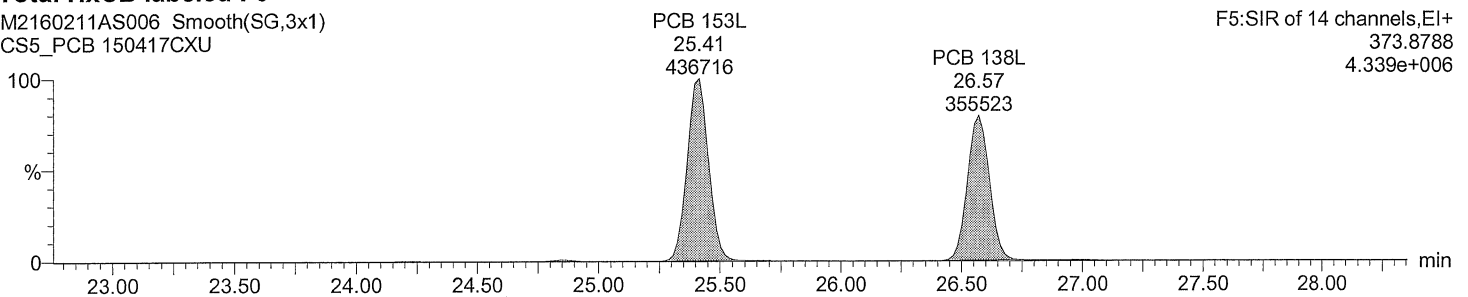
Total HxCB labeled F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Total HxCB labeled F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



Acquired Date

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

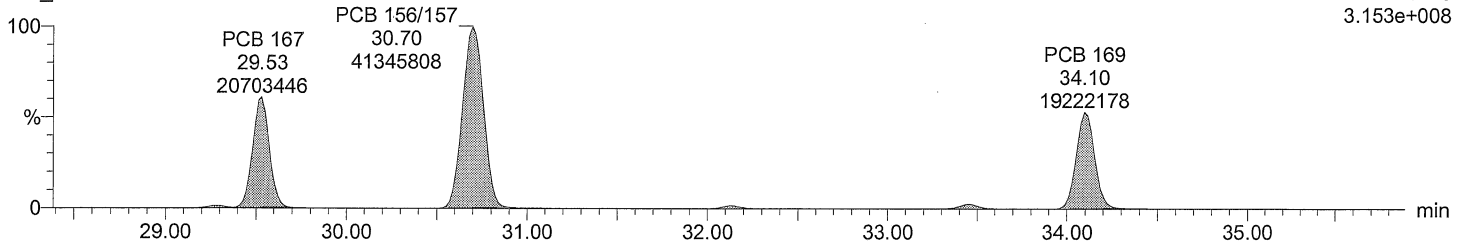
Time: 22:03:55

Instrument: Autospec-UltimaE

Total HxCB F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

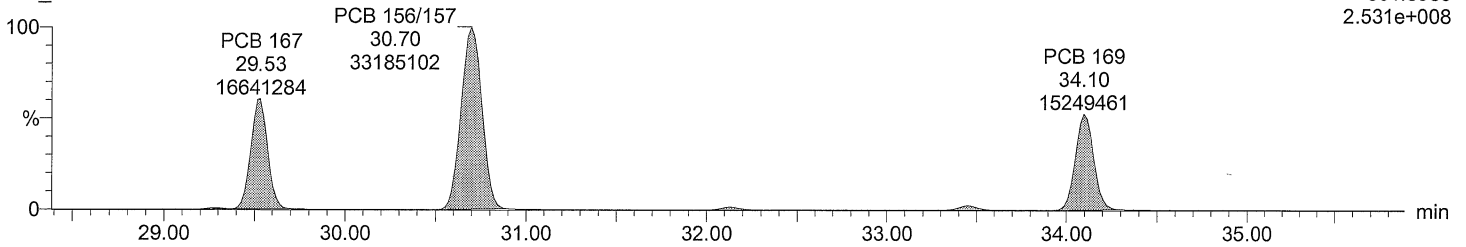
F6:SIR of 14 channels,EI+
359.8415
3.153e+008



Total HxCB F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

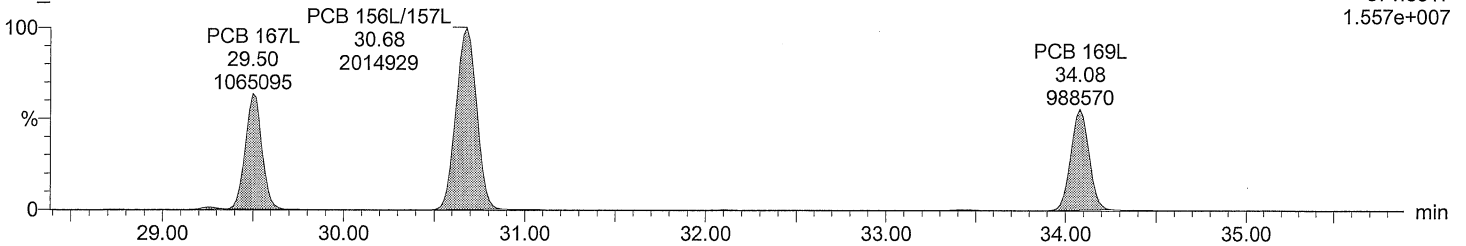
F6:SIR of 14 channels,EI+
361.8385
2.531e+008



Total HxCB labeled F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

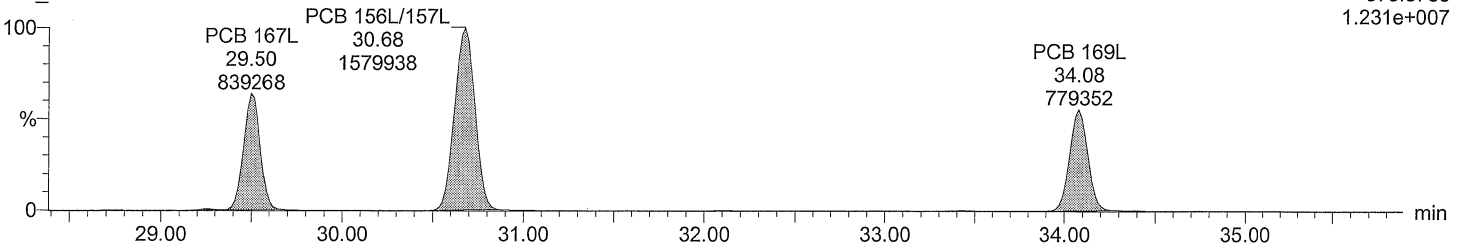
F6:SIR of 14 channels,EI+
371.8817
1.557e+007



Total HxCB labeled F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F6:SIR of 14 channels,EI+
373.8788
1.231e+007



Acquired Date

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Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

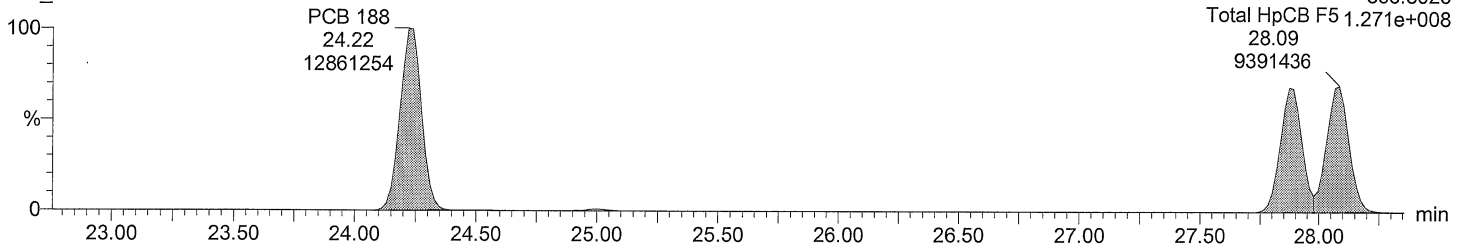
Time: 22:03:55

Instrument: Autospec-UltimaE

Total HpCB F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

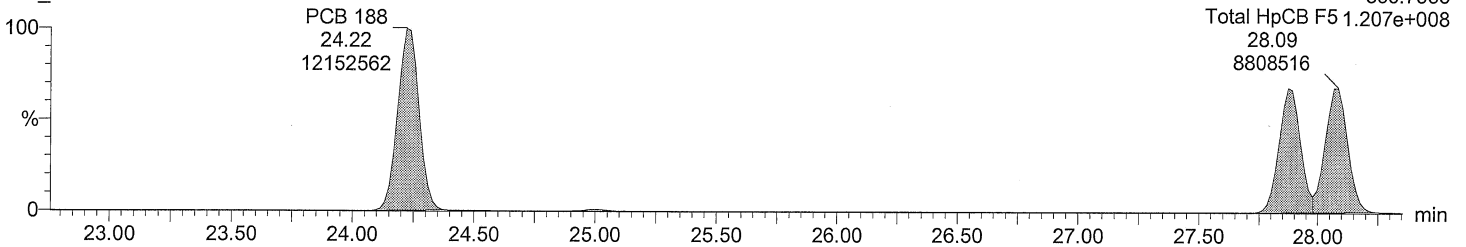
F5:SIR of 14 channels,EI+
393.8025
Total HpCB F5 1.271e+008
28.09
9391436



Total HpCB F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

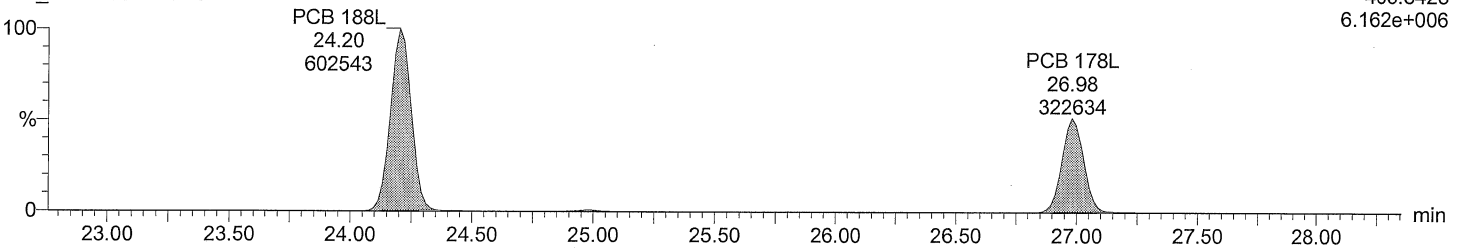
F5:SIR of 14 channels,EI+
395.7995
Total HpCB F5 1.207e+008
28.09
8808516



Total HpCB labeled F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

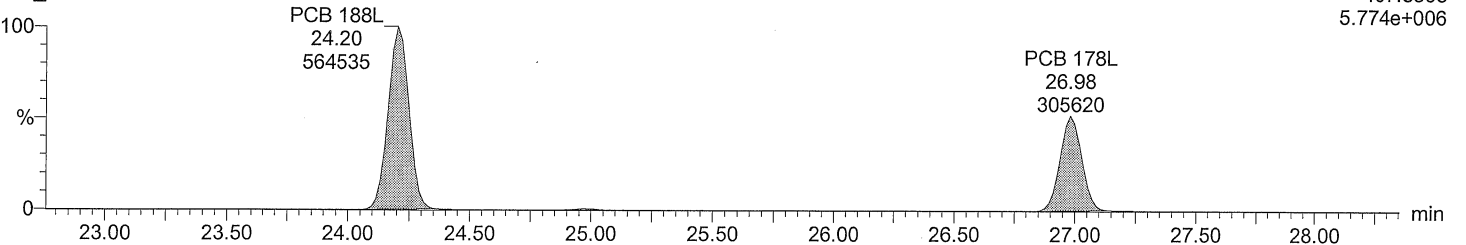
F5:SIR of 14 channels,EI+
405.8428
6.162e+006



Total HpCB labeled F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F5:SIR of 14 channels,EI+
407.8398
5.774e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

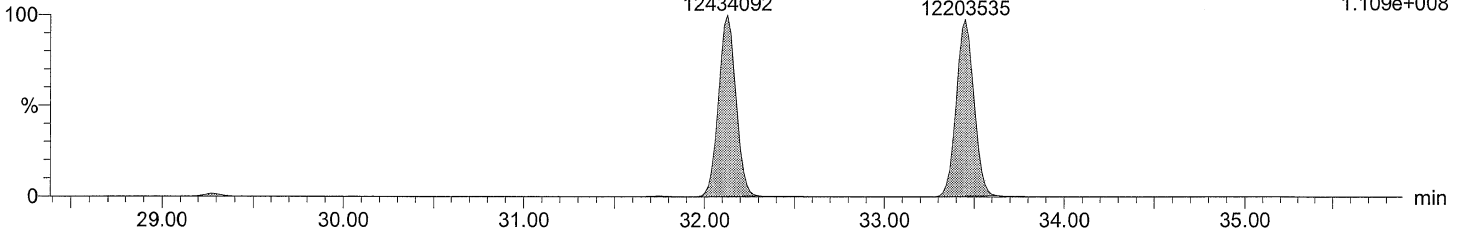
Total HpCB F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 193/180
32.13
12434092

PCB 170
33.45
12203535

F6:SIR of 14 channels,EI+
393.8025
1.109e+008



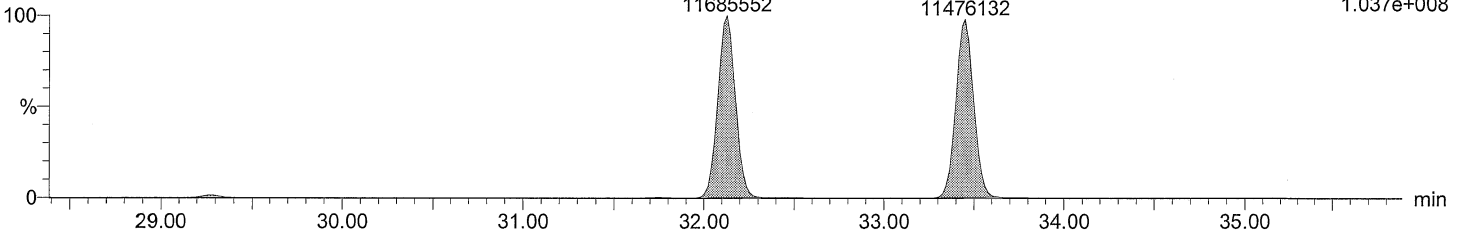
Total HpCB F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 193/180
32.13
11685552

PCB 170
33.45
11476132

F6:SIR of 14 channels,EI+
395.7995
1.037e+008



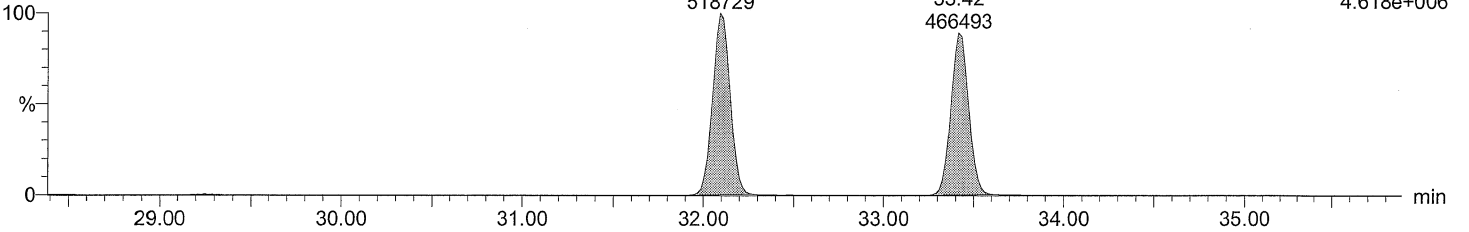
Total HpCB labeled F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 180L
32.09
518729

PCB 170L
33.42
466493

F6:SIR of 14 channels,EI+
405.8428
4.618e+006



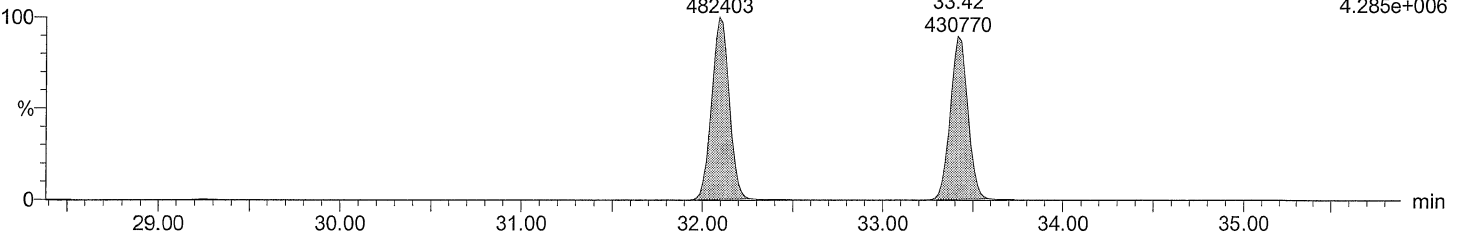
Total HpCB labeled F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 180L
32.09
482403

PCB 170L
33.42
430770

F6:SIR of 14 channels,EI+
407.8398
4.285e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

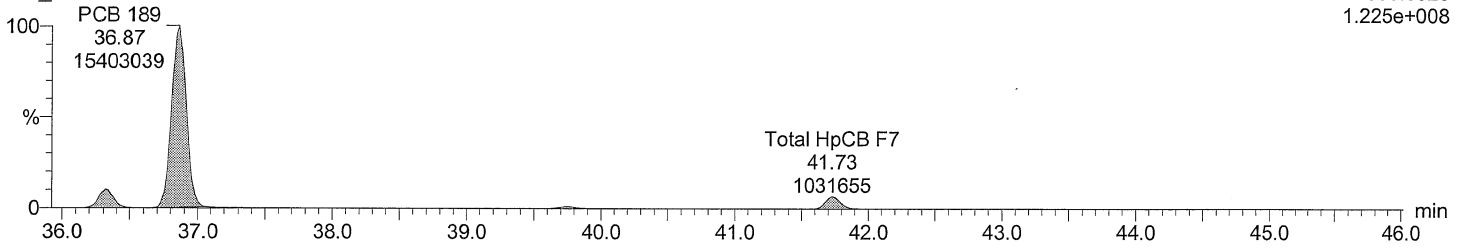
Time: 22:03:55

Instrument: Autospec-UltimaE

Total HpCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

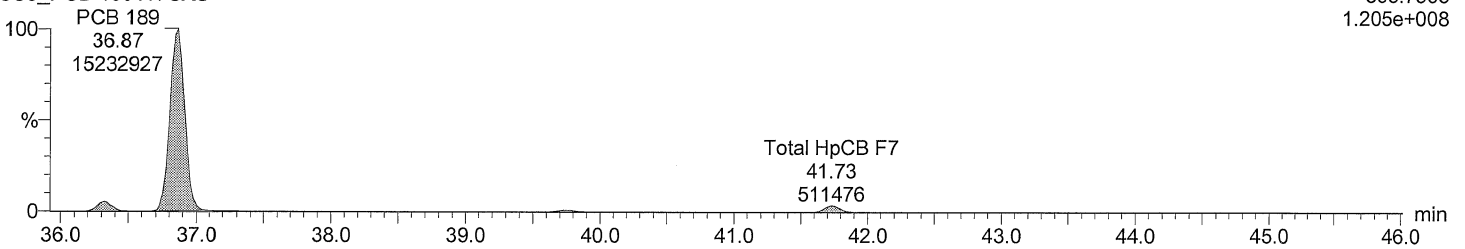
F7:SIR of 18 channels,EI+
393.8025
1.225e+008



Total HpCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

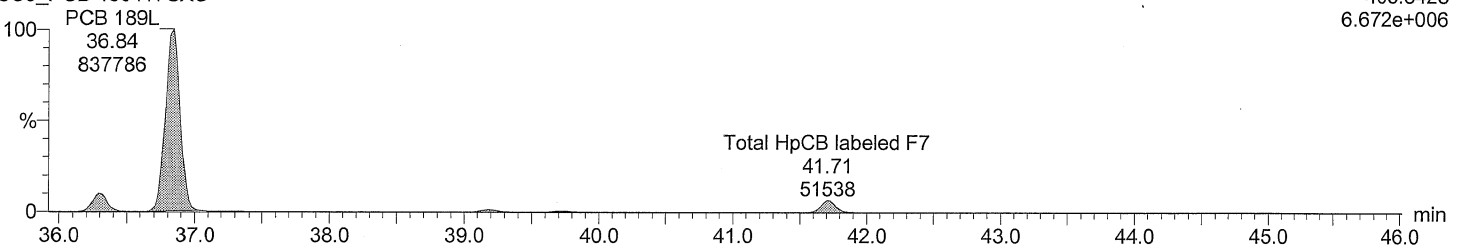
F7:SIR of 18 channels,EI+
395.7995
1.205e+008



Total HpCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

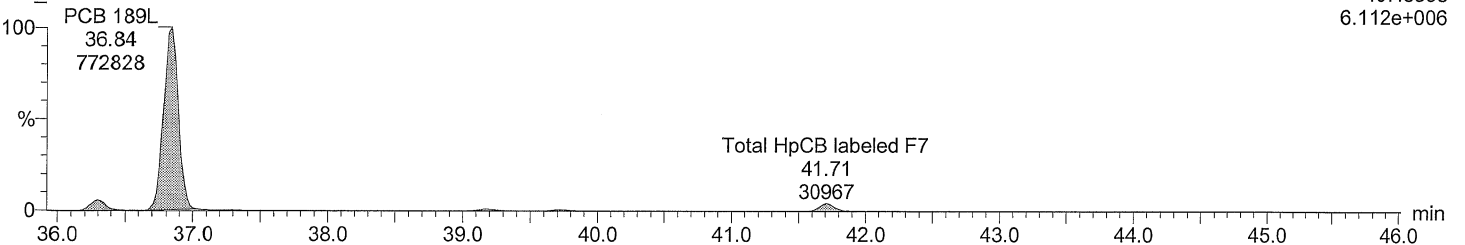
F7:SIR of 18 channels,EI+
405.8428
6.672e+006



Total HpCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F7:SIR of 18 channels,EI+
407.8398
6.112e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

Total OcCB F6

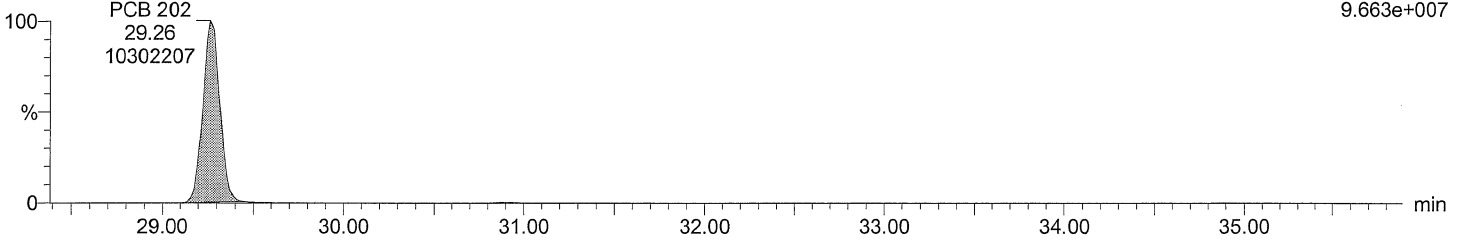
M2160211AS006 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS5_PCB 150417CXU

427.7635

9.663e+007



Total OcCB F6

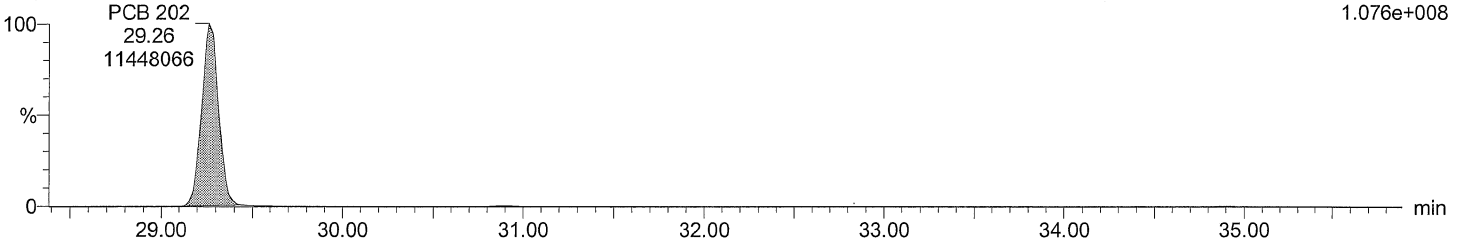
M2160211AS006 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS5_PCB 150417CXU

429.7606

1.076e+008



Total OcCB labeled F6

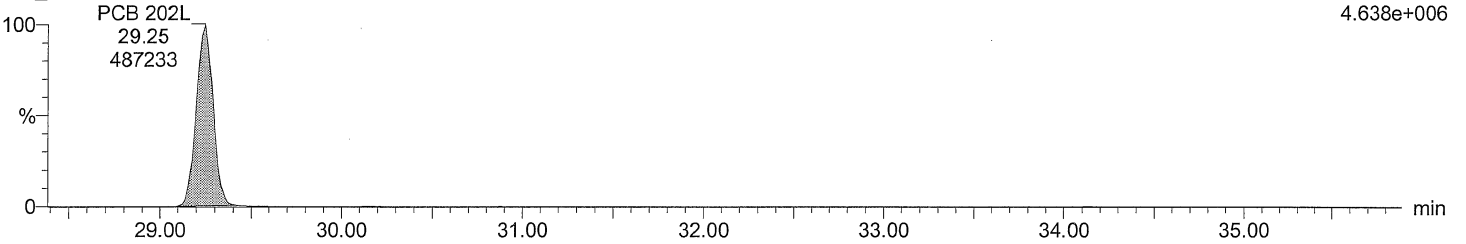
M2160211AS006 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS5_PCB 150417CXU

439.8038

4.638e+006



Total OcCB labeled F6

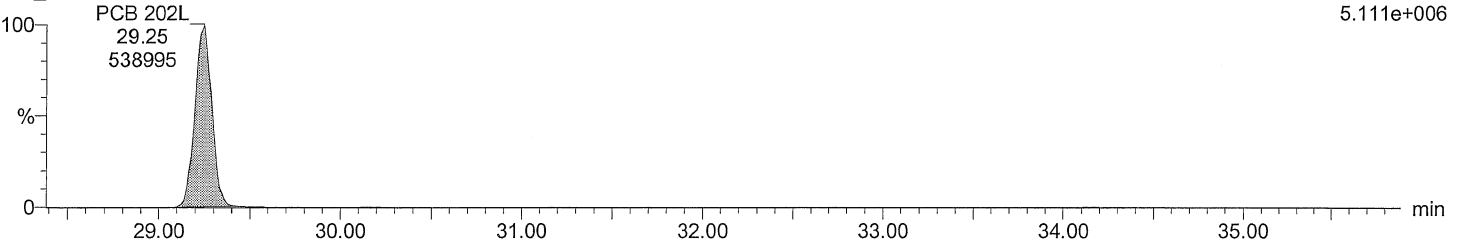
M2160211AS006 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+

CS5_PCB 150417CXU

441.8008

5.111e+006



Quantify Sample Report **MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

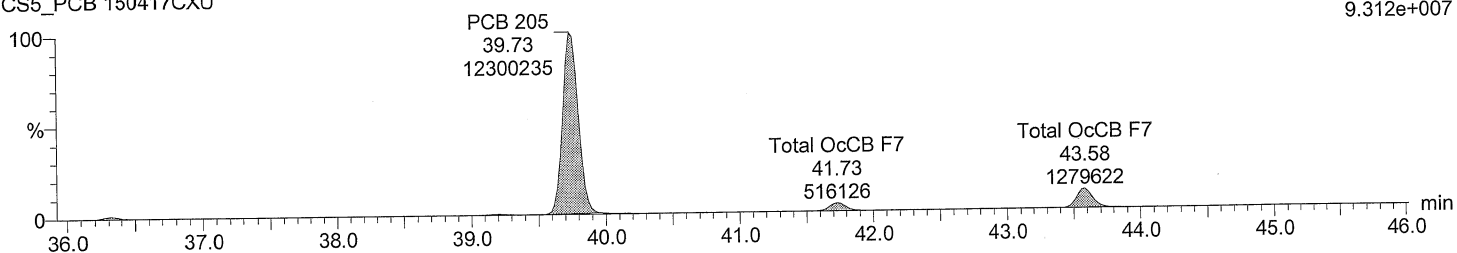
Time: 22:03:55

Instrument: Autospec-UltimaE

Total OcCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

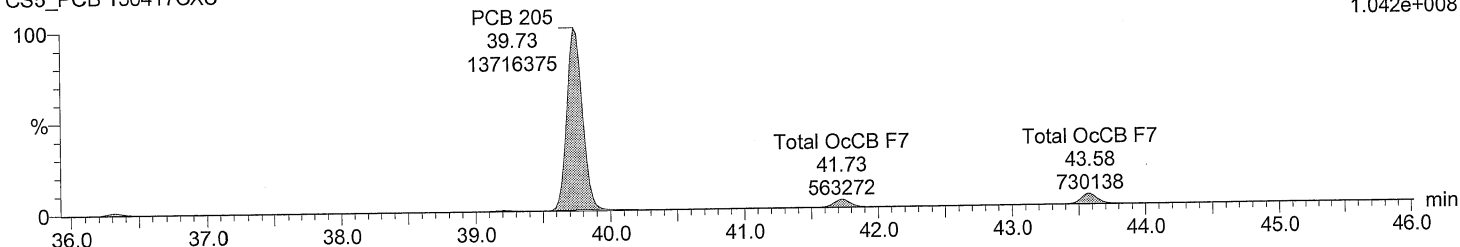
F7:SIR of 18 channels,EI+
427.7635
9.312e+007



Total OcCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

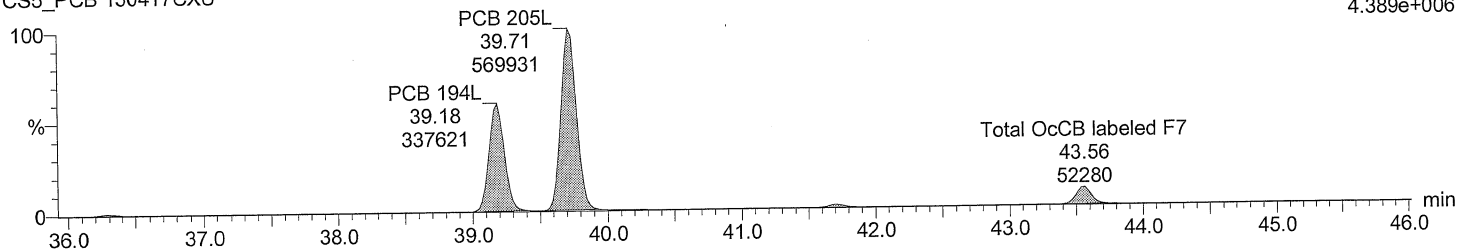
F7:SIR of 18 channels,EI+
429.7606
1.042e+008



Total OcCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

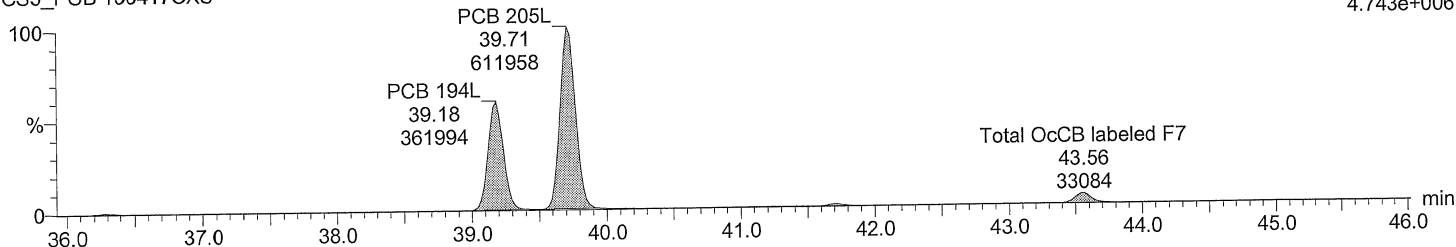
F7:SIR of 18 channels,EI+
439.8038
4.389e+006



Total OcCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F7:SIR of 18 channels,EI+
441.8008
4.743e+006



AutoSpec Ultima - M2

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

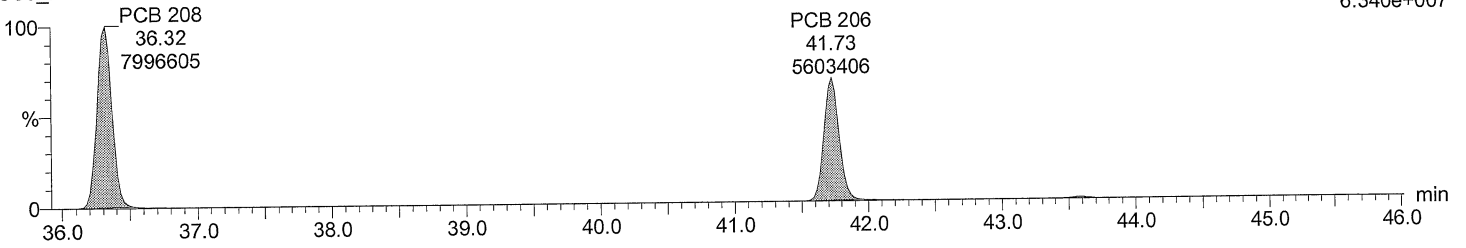
Time: 22:03:55

Instrument: Autospec-UltimaE

Total NoCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

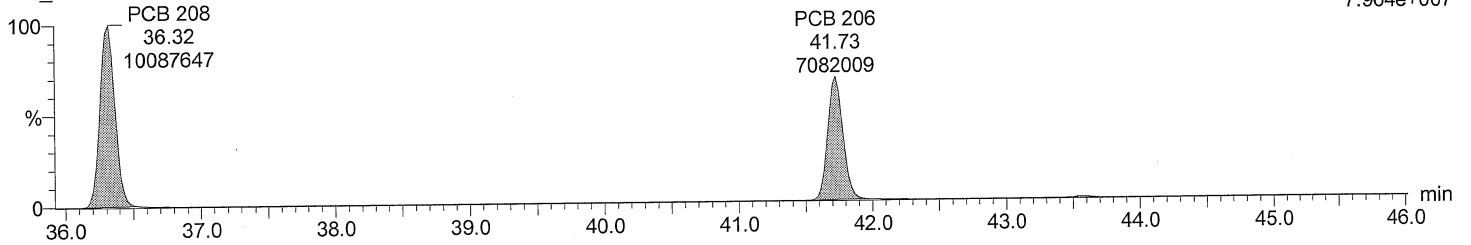
F7:SIR of 18 channels,EI+
461.7246
6.340e+007



Total NoCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

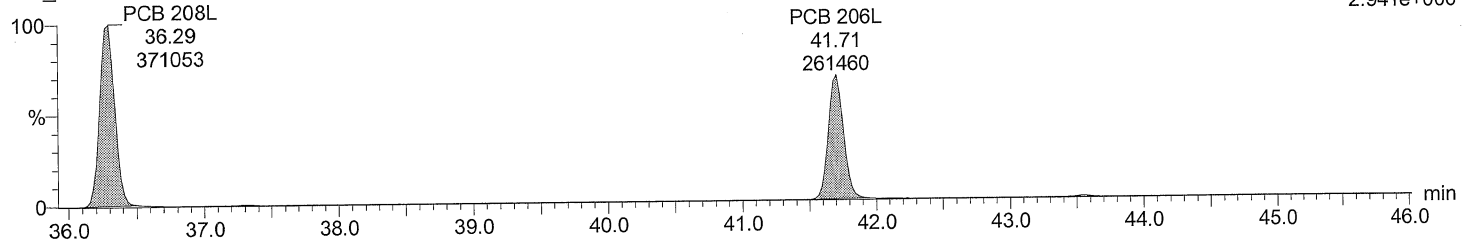
F7:SIR of 18 channels,EI+
463.7216
7.964e+007



Total NoCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

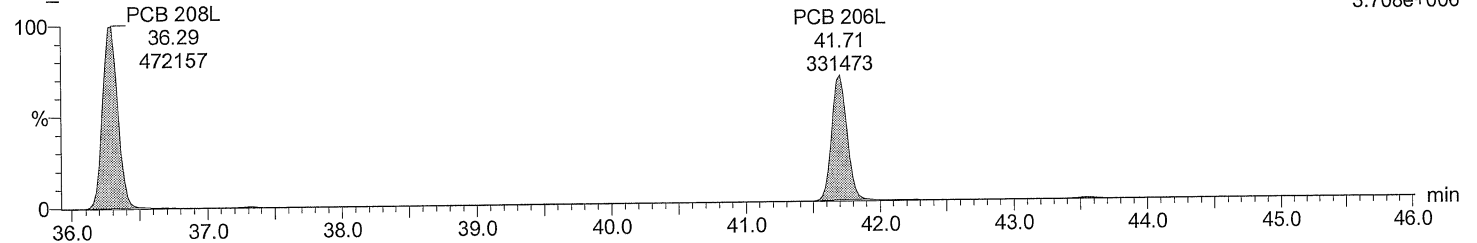
F7:SIR of 18 channels,EI+
473.7648
2.941e+006



Total NoCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

F7:SIR of 18 channels,EI+
475.7619
3.708e+006



AutoSpec Ultima - M2

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

Time: 22:03:55

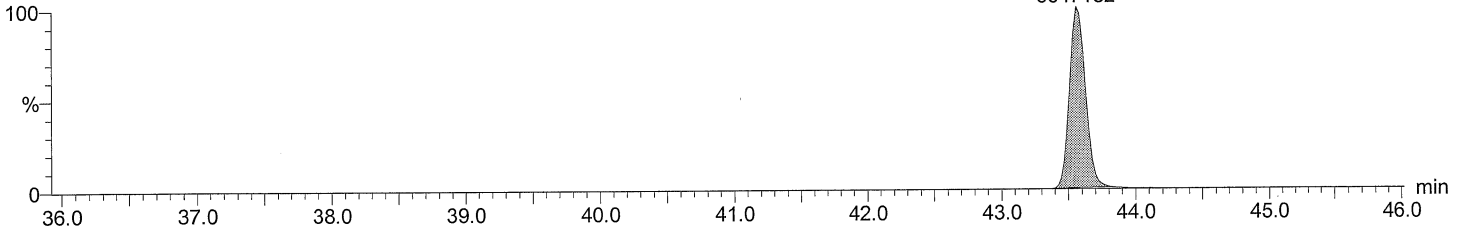
Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 209
43.56
6647182

F7:SIR of 18 channels,EI+
497.6826
4.999e+007

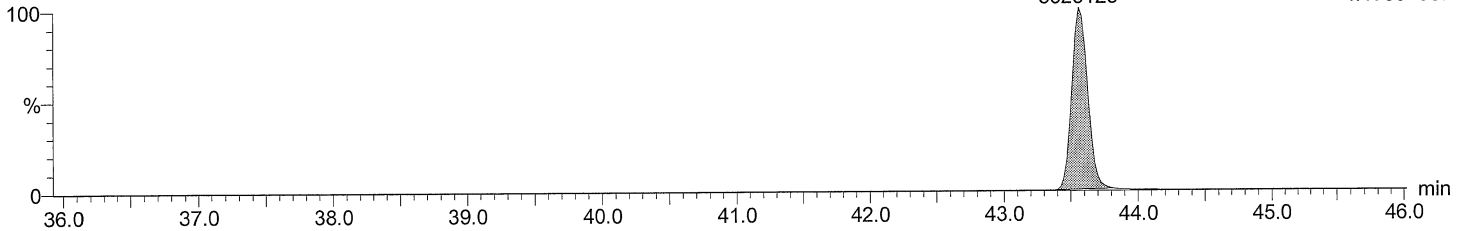


Total DeCB F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 209
43.56
5529123

F7:SIR of 18 channels,EI+
499.6797
4.173e+007

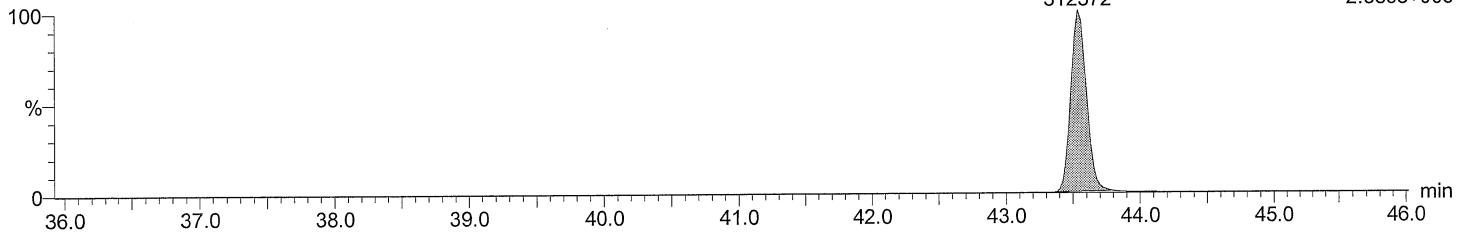


Total DeCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 209L
43.54
312372

F7:SIR of 18 channels,EI+
509.7229
2.389e+006

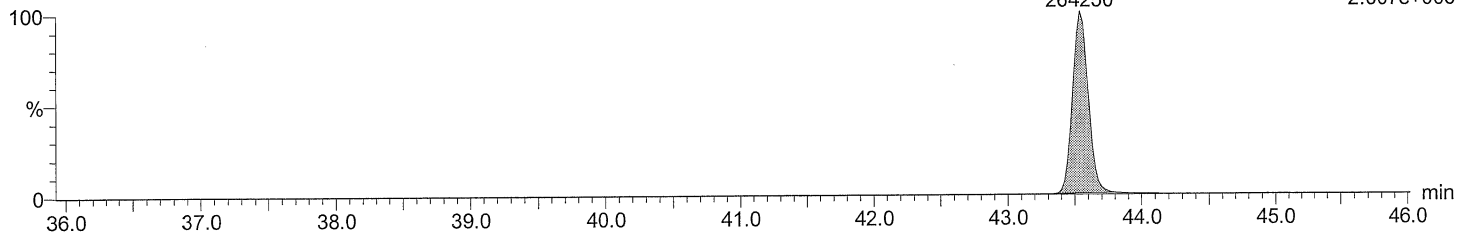


Total DeCB labeled F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

PCB 209L
43.54
264250

F7:SIR of 18 channels,EI+
511.7199
2.007e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

Date: 11-FEB-2016

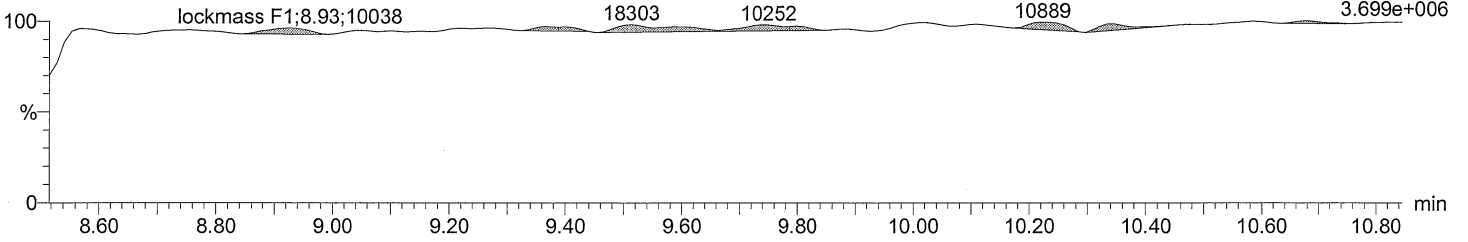
Time: 22:03:55

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

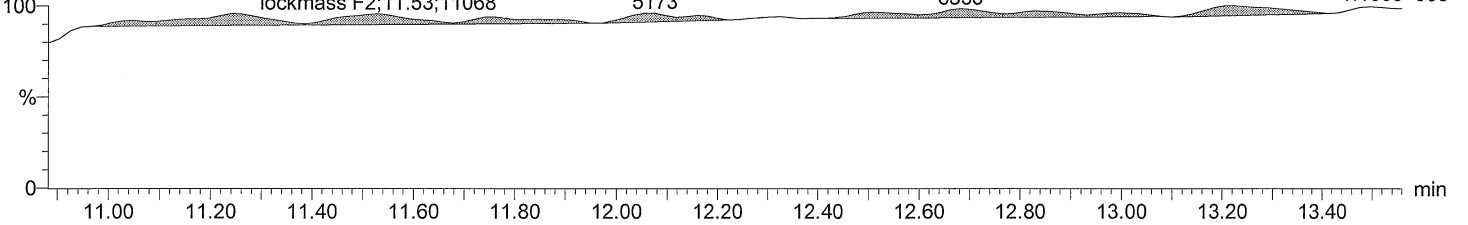
lockmass F1 9.51 9.75 10.22 F1:SIR of 10 channels,EI+
18303 10252 10889 218.9856
3.699e+006



lockmass F2

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

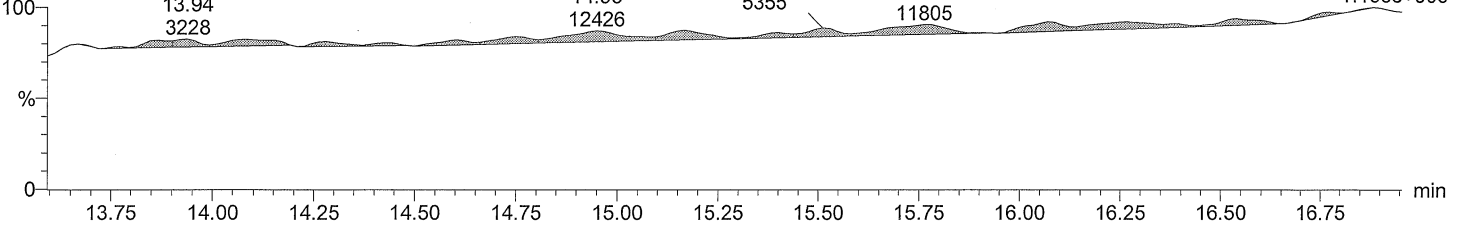
lockmass F2 12.07 12.68 F2:SIR of 16 channels,EI+
5173 6335 242.9856
1.166e+006



lockmass F3

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

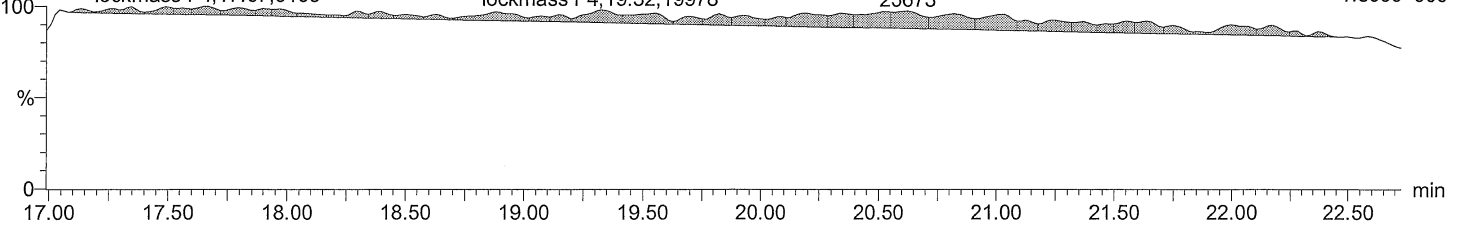
lockmass F3 14.95 15.51 15.76 F3:SIR of 14 channels,EI+
3228 5355 11805 292.9824
1.196e+006



lockmass F4

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU

lockmass F4 20.62 F4:SIR of 14 channels,EI+
25673 330.9792
1.899e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Description: CS5_PCB 150417CXU

Vial: 6

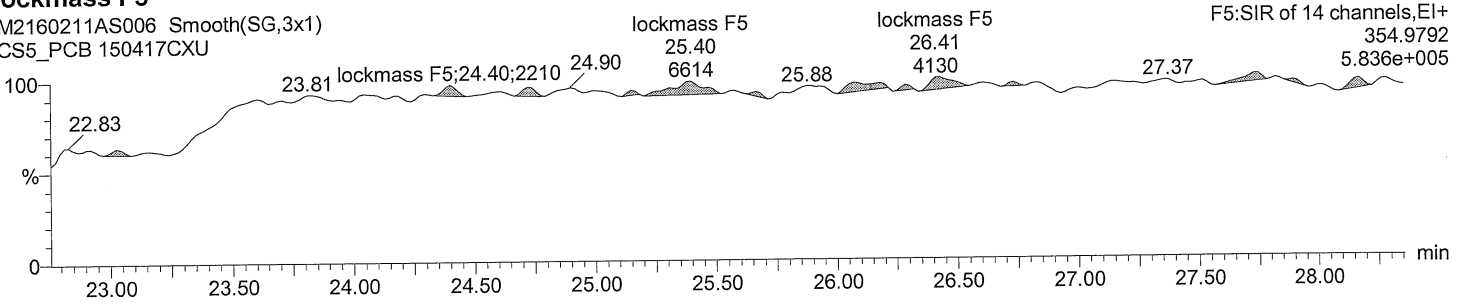
Date: 11-FEB-2016

Time: 22:03:55

Instrument: Autospec-UltimaE

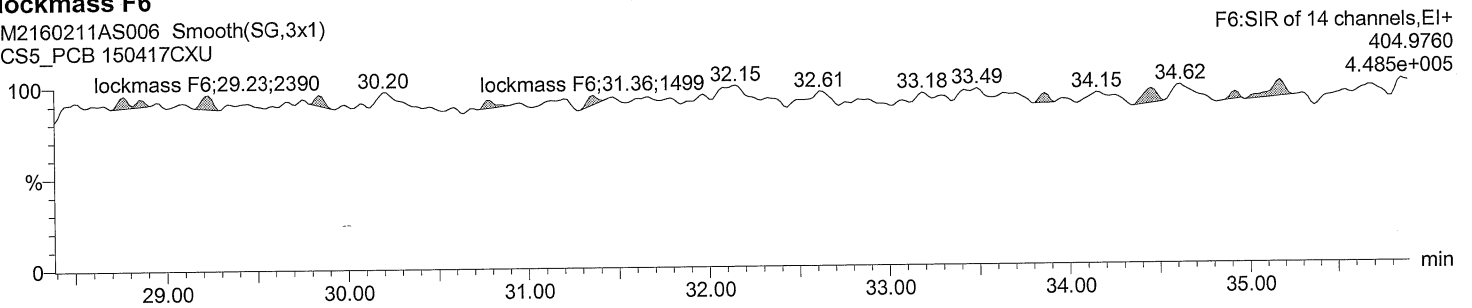
lockmass F5

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



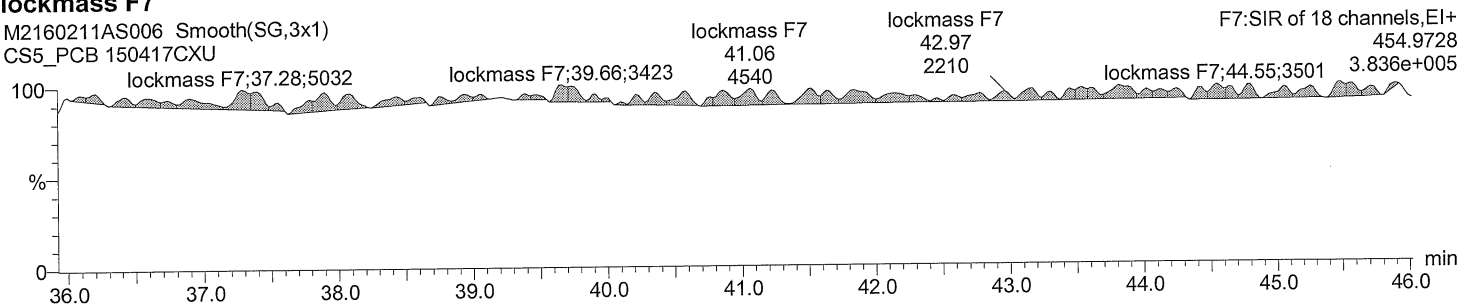
lockmass F6

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



lockmass F7

M2160211AS006 Smooth(SG,3x1)
CS5_PCB 150417CXU



C:\MassLynx\Default.pro\QLDM2160211A_sec_source_5PT.qld

February 16, 2016 8:09:40 AM Eastern Standard Time

February 16, 2016 8:10:25 AM Eastern Standard Time

Method: C:\MassLynx\DEFAULT.PRO\MethDB\EPA 1668 5PT-20160211A.mdb 16 Feb 2016 08:03:01

Calibration: C:\MassLynx\Default.pro\Curvedb\M2160211A_5PT_1668.cdb 16 Feb 2016 08:03:15

ID:

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

Description: CIL CS3 PCB PR-22535L

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1 PCB 1	8.99	1.001	571856	177039	3.23	YES	bb	51.722	3.4	103	29	1.119
2 PCB 3	10.17	1.000	609974	186067	3.28	YES	bd	51.973	3.9	104	30	1.121
3 PCB 4	10.29	1.000	296243	186280	1.59	YES	bb	55.471	10.9	111	31	1.058
4 PCB 15	12.94	1.002	471461	309088	1.53	YES	bb	53.506	7.0	107	32	0.932
5 PCB 19	11.67	1.000	246367	234941	1.05	YES	bb	57.578	15.2	115	33	1.035
6 PCB 37	16.69	1.001	382341	368177	1.04	YES	bb	56.556	13.1	113	34	1.024
7 PCB 54	13.07	1.002	217358	279130	0.78	YES	bb	61.468	22.9	123	35	1.119
8 PCB 81	21.43	1.002	313012	416693	0.75	YES	bb	53.330	6.7	107	36	1.095
9 PCB 77	21.88	1.001	317956	417397	0.76	YES	bb	48.397	-3.2	97	37	1.043
10 PCB 104	15.93	1.001	277532	174705	1.59	YES	bb	48.437	-3.1	97	38	1.060
11 PCB 123	23.50	1.001	427321	276118	1.55	YES	bd	58.467	16.9	117	39	1.046
12 PCB 118	23.78	1.001	453681	291654	1.56	YES	db	53.687	7.4	107	40	1.054
13 PCB 114	24.27	1.001	422401	268622	1.57	YES	bb	50.617	1.2	101	41	1.023
14 PCB 105	24.84	1.001	415087	263580	1.57	YES	bb	52.133	4.3	104	42	1.018
15 PCB 126	27.70	1.001	376303	240904	1.56	YES	bb	51.646	3.3	103	43	1.009
16 PCB 155	19.62	1.001	257500	200150	1.29	YES	bb	52.433	4.9	105	44	1.045
17 PCB 167	29.52	1.001	366472	293342	1.25	YES	db	53.384	6.8	107	45	1.010
18 PCB 156/157	30.71	1.001	731162	580568	1.26	YES	bb	101.112	1.1	101	46	1.028
19 PCB 169	34.11	1.001	317242	249723	1.27	YES	bb	52.467	4.9	105	47	1.002
20 PCB 188	24.23	1.001	223391	206650	1.08	YES	bb	51.453	2.9	103	48	1.041
21 PCB 193/180											49	
22 PCB 170											50	
23 PCB 189	36.85	1.001	261766	259107	1.01	YES	bb	52.700	5.4	105	51	0.995
24 PCB 202	29.27	1.001	177033	196943	0.90	YES	bb	50.499	1.0	101	52	0.997
25 PCB 205	39.74	1.001	188507	211523	0.89	YES	bb	54.266	8.5	109	53	1.184
26 PCB 208	36.30	1.001	126394	162497	0.78	YES	bb	47.813	-4.4	96	54	0.979
27 PCB 206	41.71	1.001	81339	102604	0.79	YES	bd	49.568	-0.9	99	55	1.018
28 PCB 209	43.57	1.001	108332	88444	1.22	YES	bd	60.247	20.5	120	56	1.253
29 PCB 1L	8.98	0.803	1020277	318114	3.21	YES	bb	91.283	-8.7	91	63	0.752
30 PCB 3L	10.17	0.910	1084287	335664	3.23	YES	bd	93.599	-6.4	94	63	0.798
31 PCB 4L	10.29	0.920	557844	354007	1.58	YES	bb	94.415	-5.6	94	63	0.512
32 PCB 15L	12.92	1.155	1027915	647864	1.59	YES	bb	87.639	-12.4	88	63	0.942
33 PCB 19L	11.67	1.043	477081	453113	1.05	YES	bb	90.384	-9.6	90	63	0.523
34 PCB 37L	16.67	1.086	749882	715626	1.05	YES	bb	86.230	-13.8	86	64	1.713
35 PCB 54L	13.05	0.850	395537	491524	0.80	YES	bb	79.924	-20.1	80	64	1.037
36 PCB 81L	21.40	1.394	594310	738061	0.81	YES	bb	89.614	-10.4	90	64	1.557
37 PCB 77L	21.86	1.424	628007	782450	0.80	YES	bb	98.306	-1.7	98	64	1.649
38 PCB 104L	15.92	0.805	528586	324582	1.63	YES	bb	98.667	-1.3	99	65	1.140
39 PCB 123L	23.48	1.188	828485	516594	1.60	YES	bd	92.864	-7.1	93	65	1.798
40 PCB 118L	23.77	1.203	872658	541827	1.61	YES	db	99.196	-0.8	99	65	1.890
41 PCB 114L	24.25	1.227	836995	514323	1.63	YES	bb	101.873	1.9	102	65	1.806
42 PCB 105L	24.82	1.256	826630	506462	1.63	YES	bb	97.765	-2.2	98	65	1.782
43 PCB 126L	27.69	1.401	755938	467750	1.62	YES	bb	94.237	-5.8	94	65	1.635
44 PCB 155L	19.60	0.738	493231	382576	1.29	YES	bb	90.034	-10.0	90	66	1.264

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:25 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

Description: CIL CS3 PCB PR-22535L

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45	PCB 167L	29.51	1.111	731577	575139	1.27	YES	db	89.361	-10.6	89	66	1.885
46	PCB 156L/157L	30.67	1.155	1427120	1123914	1.27	YES	bb	191.613	-4.2	96	66	1.840
47	PCB 169L	34.09	1.283	635122	497090	1.28	YES	bb	86.605	-13.4	87	66	1.634
48	PCB 188L	24.19	0.911	425146	400814	1.06	YES	bb	89.645	-10.4	90	66	1.192
49	PCB 180L											67	
50	PCB 170L											67	
51	PCB 189L	36.83	0.940	542999	504297	1.08	YES	bb	90.432	-9.6	90	67	1.951
52	PCB 202L	29.24	0.746	355609	394271	0.90	YES	bb	98.409	-1.6	98	67	1.397
53	PCB 205L	39.72	1.014	326359	349587	0.93	YES	bb	82.226	-17.8	82	67	1.259
54	PCB 208L	36.28	0.926	260840	329514	0.79	YES	bb	96.513	-3.5	97	67	1.100
55	PCB 206L	41.69	1.064	162642	198832	0.82	YES	bb	88.651	-11.3	89	67	0.673
56	PCB 209L	43.55	1.112	172695	141396	1.22	YES	bb	80.777	-19.2	81	67	0.585
57	PCB 28L	14.40	0.938	887541	843284	1.05	YES	bb	99.207	-0.8	99	64	2.023
58	PCB 111L	21.83	1.105	597572	370950	1.61	YES	bb	96.380	-3.6	96	65	1.294
59	PCB 178L	26.97	1.015	256091	240247	1.07	YES	bb	97.709	-2.3	98	66	0.716
60	PCB 31L											64	
61	PCB 95L											65	
62	PCB 153L											66	
63	PCB 9L	11.18	0.000	1093802	686025	1.59	YES	bb	94.894	-5.1	95	0	17798...
64	PCB 52L	15.36	0.000	376603	478923	0.79	YES	bb	86.805	-13.2	87	0	8555...
65	PCB 101L	19.76	0.000	464777	283450	1.64	YES	bb	84.240	-15.8	84	0	7482....
66	PCB 138L	26.56	0.000	393046	300038	1.31	YES	bb	85.857	-14.1	86	0	6930....
67	PCB 194L	39.17	0.000	258814	278021	0.93	YES	bb	82.196	-17.8	82	0	5368....
68	Total MoCB F1								103.695			29	
69	Total MoCB labeled ...								184.882			63	
70	Total DiCB F1								55.471			31	
71	Total DiCB labeled F1								94.415			63	
72	Total DiCB F2								53.506			32	
73	Total DiCB labeled F2								182.534			63	
74	Total TriCB F2								57.578			33	
75	Total TriCB labeled F2								90.384			63	
76	Total TriCB F3								56.556			34	
77	Total TriCB labeled F3								185.437			64	
78	Total TeCB F2								61.468			35	
79	Total TeCB labeled F2								79.924			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								86.805			64	
82	Total TeCB F4								101.727			36	
83	Total TeCB labeled F4								187.920			64	
84	Total PeCB F3								48.437			38	
85	Total PeCB labeled F3								98.667			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								180.621			65	
88	Total PeCB F5								266.551			39	
89	Total PeCB labeled F5								485.935			65	
90	Total HxCB F4								52.433			44	
91	Total HxCB labeled F4								90.034			66	
92	Total HxCB F5											45	

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Date: 11-FEB-2016
Time: 23:44:21
Instrument: Autospec-UltimaE
Description: CIL CS3 PCB PR-22535L

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5									85.857			66	
94	Total HxCB F6									206.963			45	
95	Total HxCB labeled F6									367.579			66	
96	Total HpCB F5									51.453			48	
97	Total HpCB labeled ...									187.354			67	
98	Total HpCB F6												49	
99	Total HpCB labeled ...												67	
100	Total HpCB F7									52.700			51	
101	Total HpCB labeled ...									90.432			67	
102	Total OcCB F6									50.499			52	
103	Total OcCB labeled ...									98.409			67	
104	Total OcCB F7									54.266			53	
105	Total OcCB labeled ...									164.423			67	
106	Total NoCB F7									97.381			54	
107	Total NoCB labeled ...									185.164			67	
108	Total DeCB F7									60.247			56	
109	Total DeCB labeled ...									80.777			67	
110	lockmass F1												0	
111	lockmass F2												0	
112	lockmass F3												0	
113	lockmass F4												0	
114	lockmass F5												0	
115	lockmass F6												0	
116	lockmass F7												0	

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

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Method: C:\MassLynx\DEFAULT.PRO\MethDB\EPA 1668 5PT-20160211A.mdb 16 Feb 2016 08:03:01

Calibration: C:\MassLynx\Default.pro\Curvedb\M2160211A_5PT_1668.cdb 16 Feb 2016 08:03:15

Description: CIL CS3 PCB PR-22535L

Vial: 8

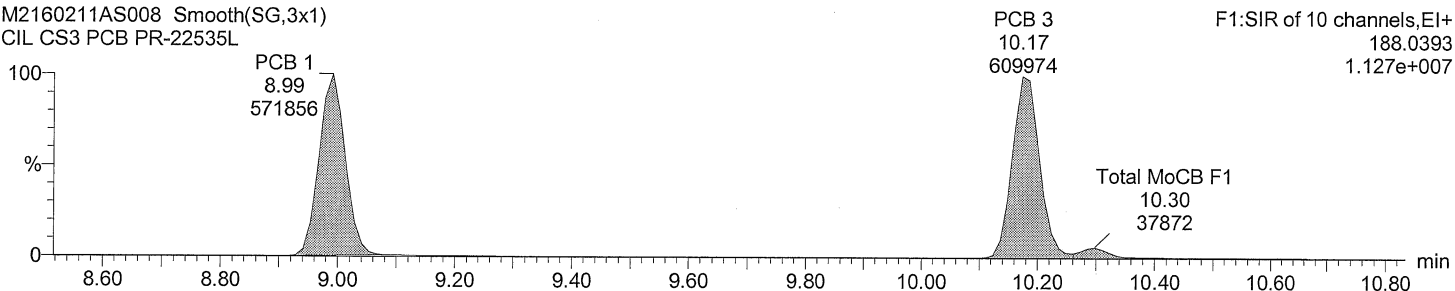
Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

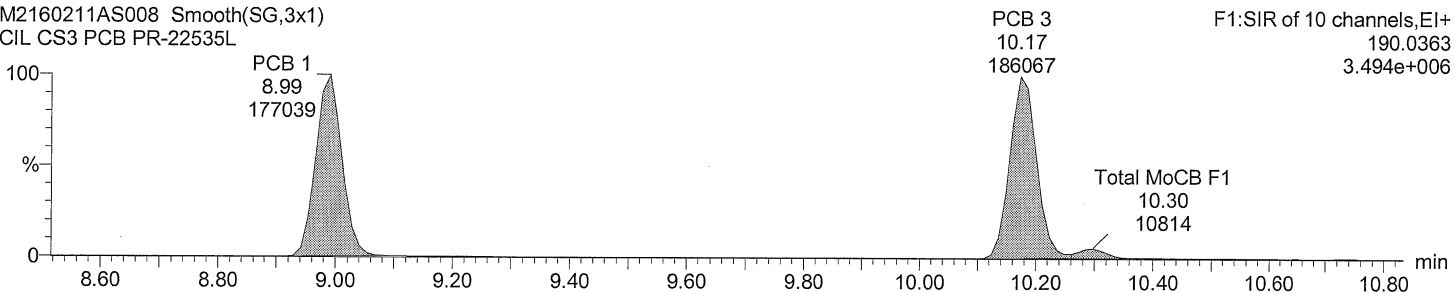
Total MoCB F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L



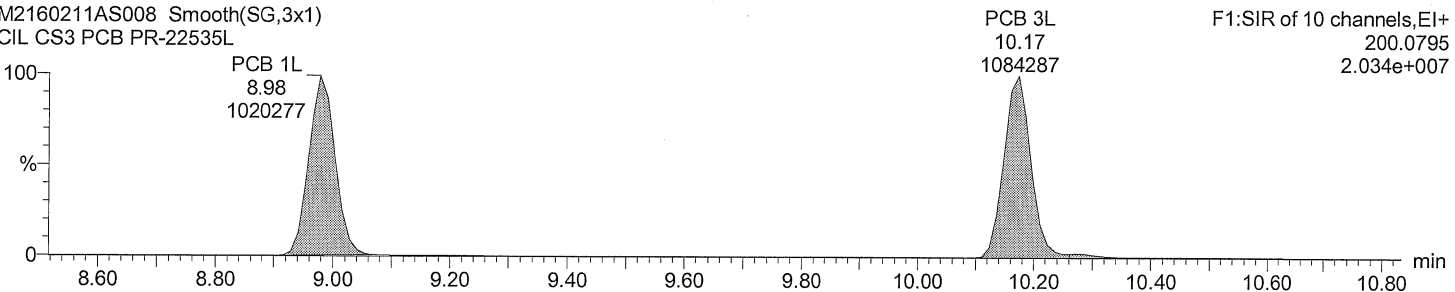
Total MoCB F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L



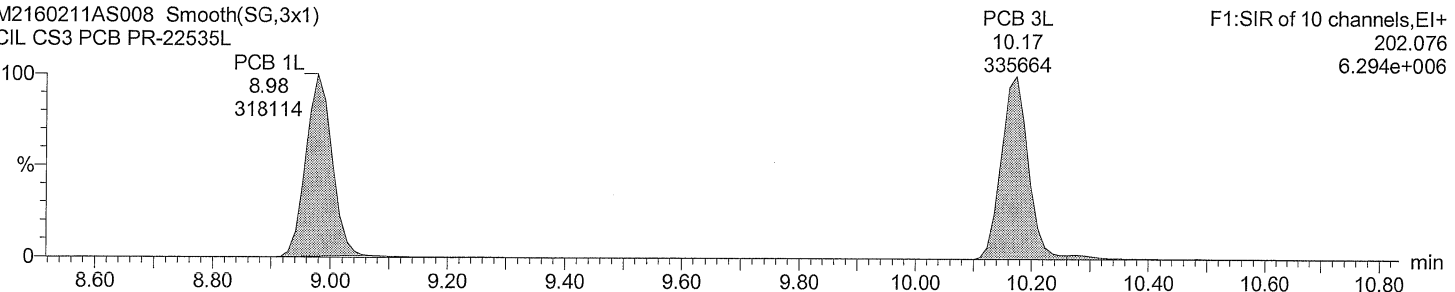
Total MoCB labeled F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L



Total MoCB labeled F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L



Acquired Date

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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

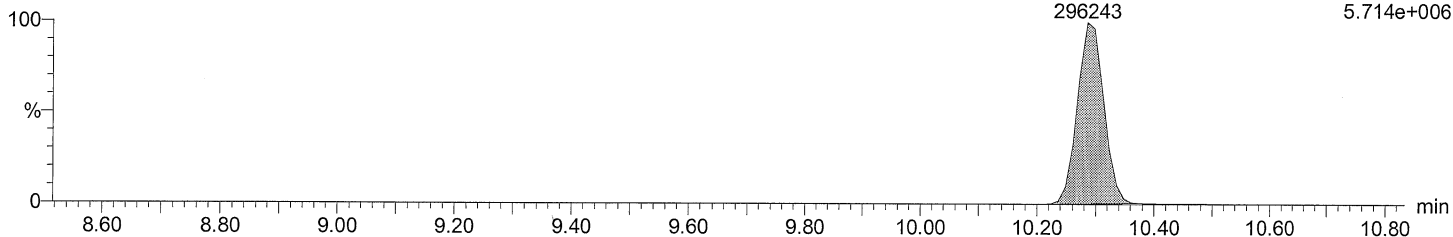
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Instrument: Autospec-UltimaE

Total DiCB F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

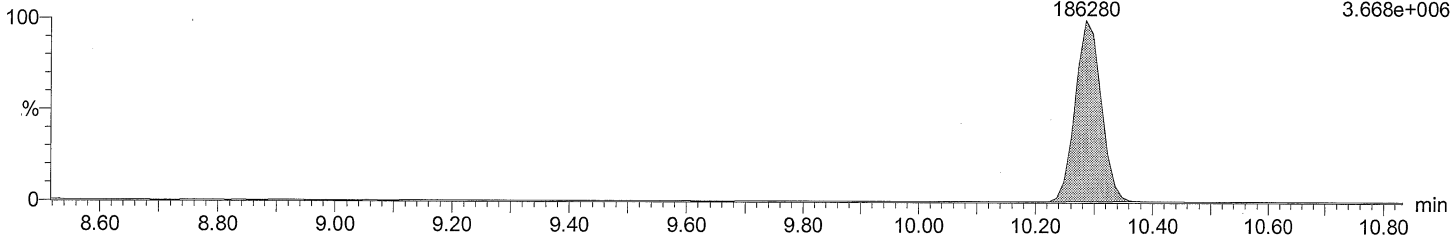
PCB 4
10.29
296243
F1:SIR of 10 channels,EI+
222.0003
5.714e+006



Total DiCB F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

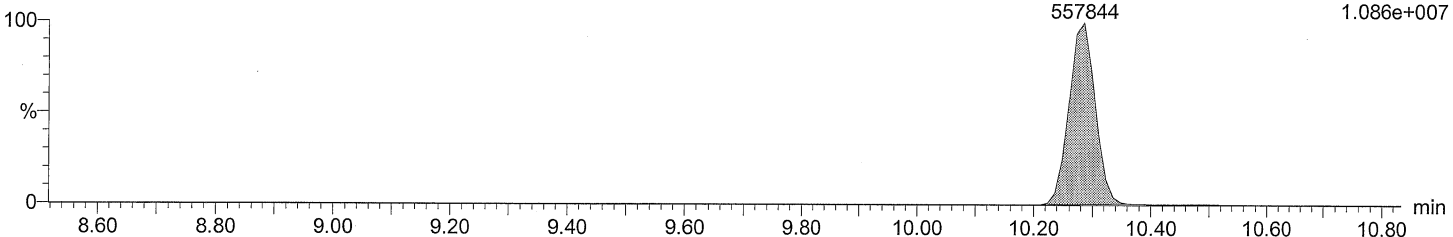
PCB 4
10.29
186280
F1:SIR of 10 channels,EI+
223.9974
3.668e+006



Total DiCB labeled F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

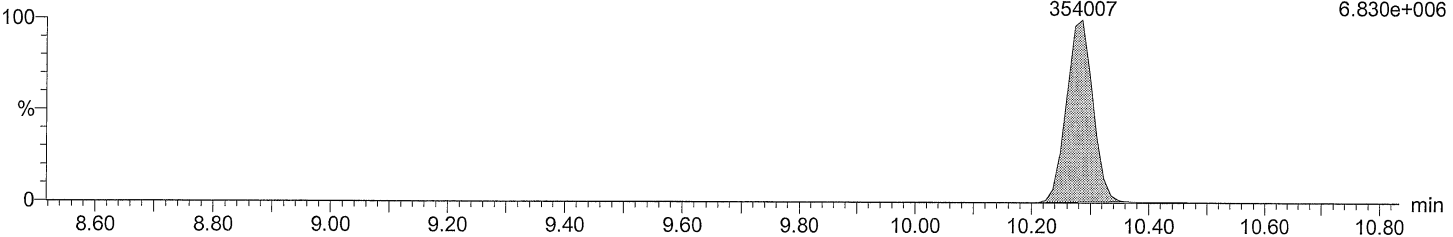
PCB 4L
10.29
557844
F1:SIR of 10 channels,EI+
234.0406
1.086e+007



Total DiCB labeled F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 4L
10.29
354007
F1:SIR of 10 channels,EI+
236.0376
6.830e+006



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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

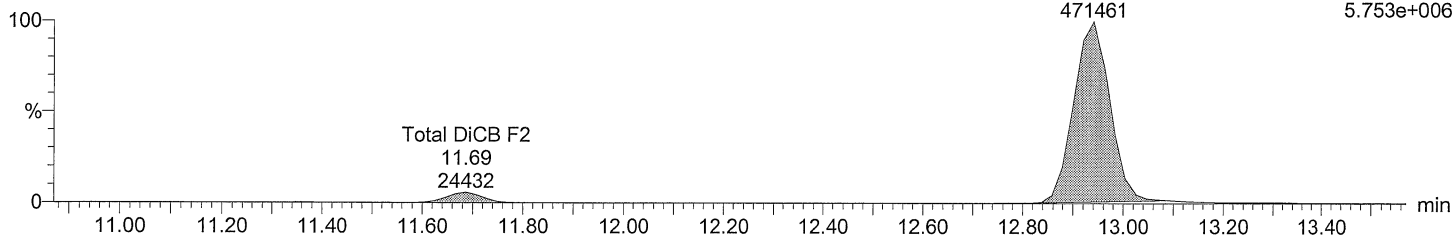
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Instrument: Autospec-UltimaE

Total DiCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

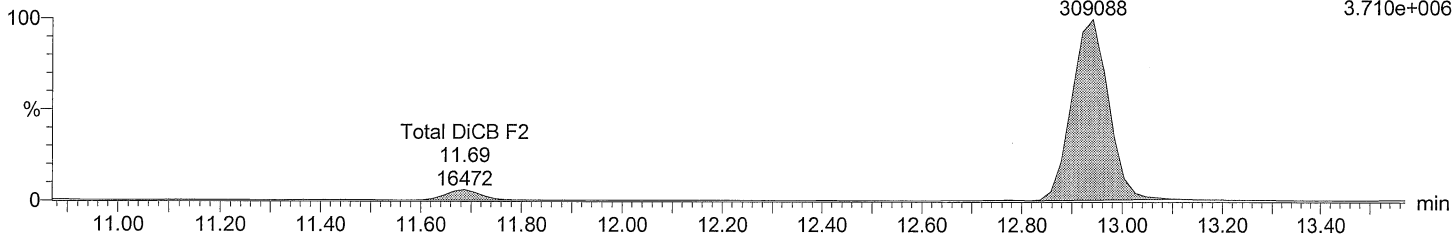
PCB 15
12.94
471461
F2:SIR of 16 channels, EI+
222.0003
5.753e+006



Total DiCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

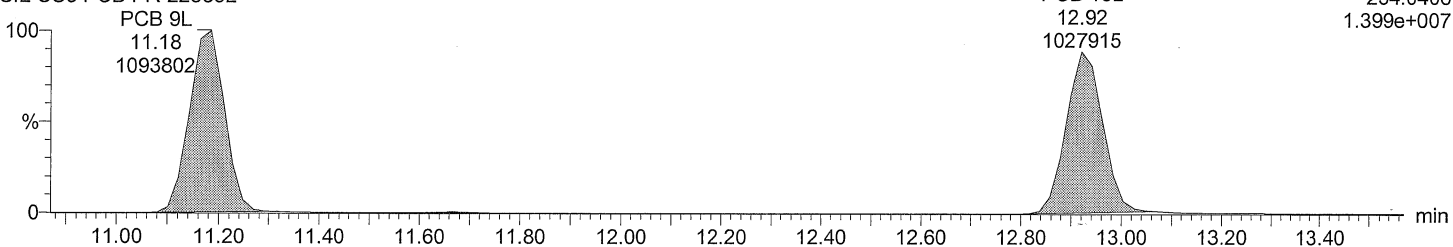
PCB 15
12.94
309088
F2:SIR of 16 channels, EI+
223.9974
3.710e+006



Total DiCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

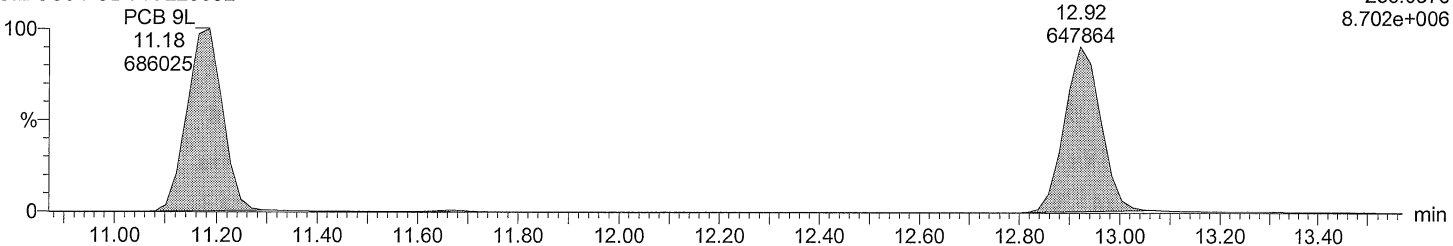
PCB 15L
12.92
1027915
F2:SIR of 16 channels, EI+
234.0406
1.399e+007



Total DiCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 15L
12.92
647864
F2:SIR of 16 channels, EI+
236.0376
8.702e+006



Acquired Date

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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

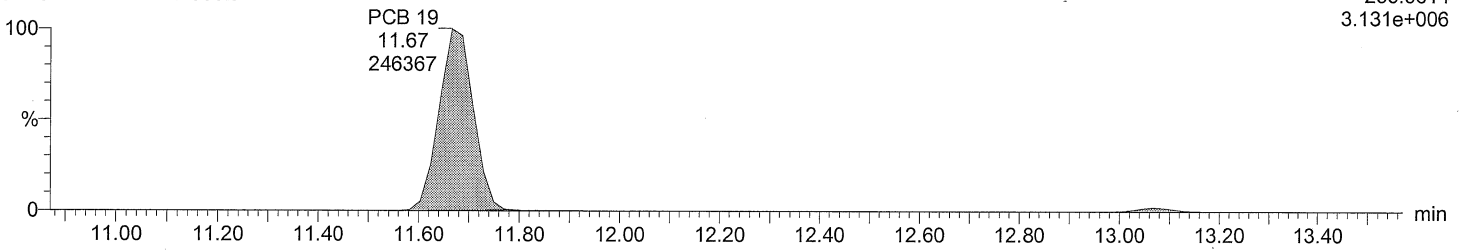
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Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

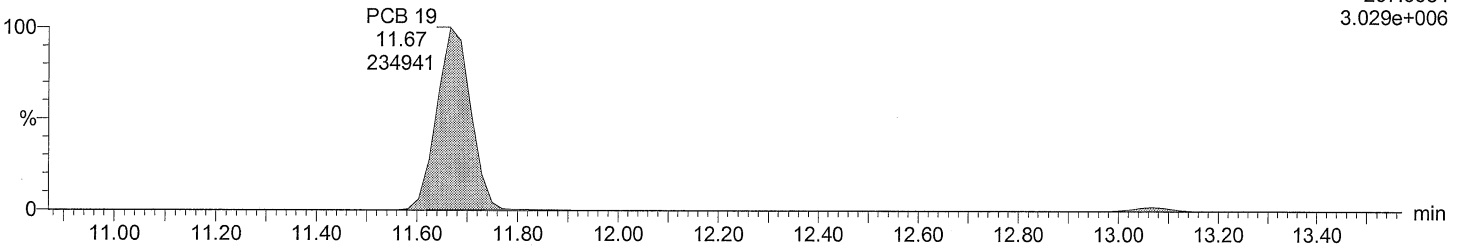
F2:SIR of 16 channels,EI+
255.9614
3.131e+006



Total TriCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

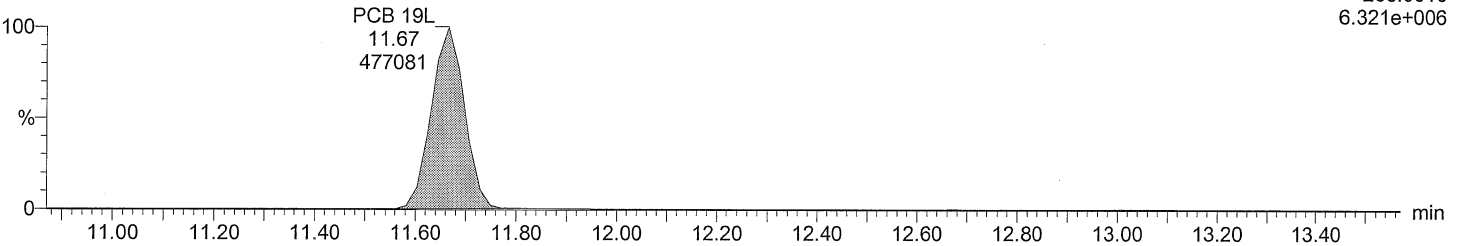
F2:SIR of 16 channels,EI+
257.9584
3.029e+006



Total TriCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

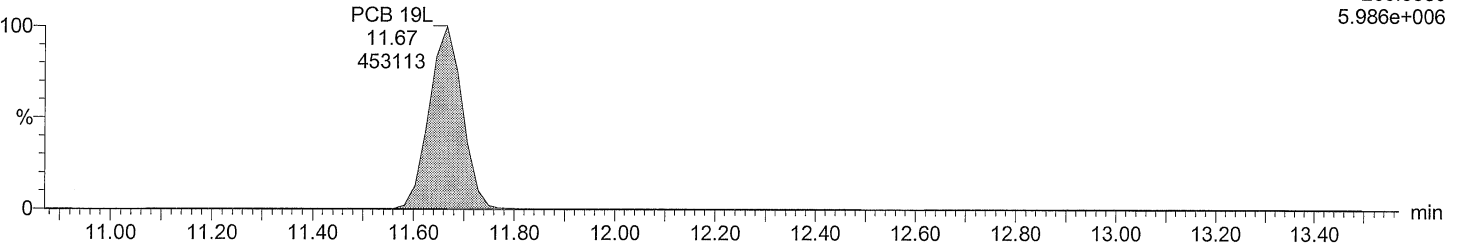
F2:SIR of 16 channels,EI+
268.0016
6.321e+006



Total TriCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F2:SIR of 16 channels,EI+
269.9986
5.986e+006



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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

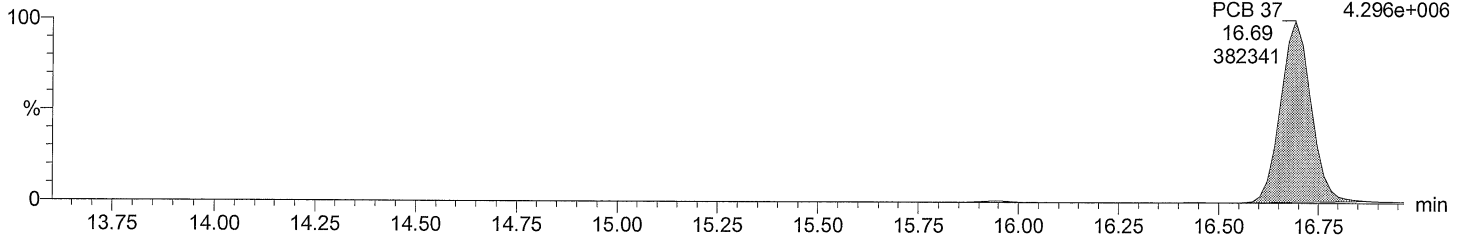
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Instrument: Autospec-UltimaE

Total TriCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

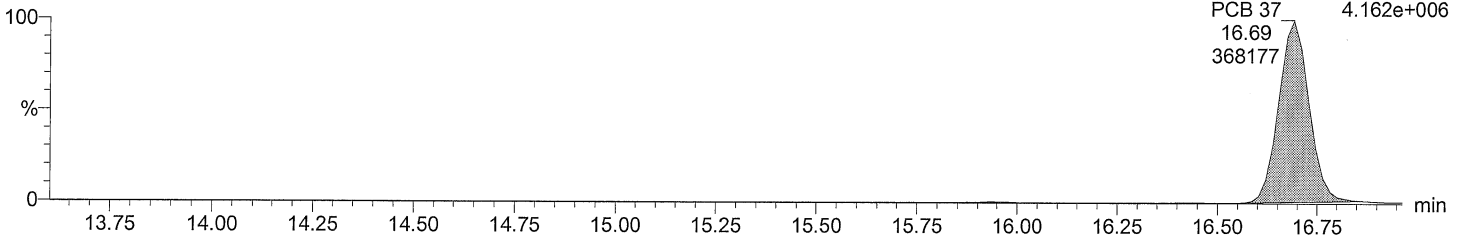
F3:SIR of 14 channels,EI+
255.9614
4.296e+006



Total TriCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

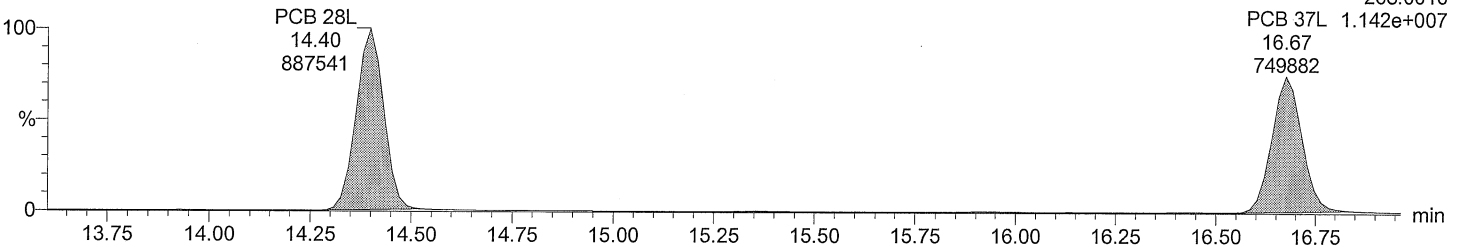
F3:SIR of 14 channels,EI+
257.9584
4.162e+006



Total TriCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

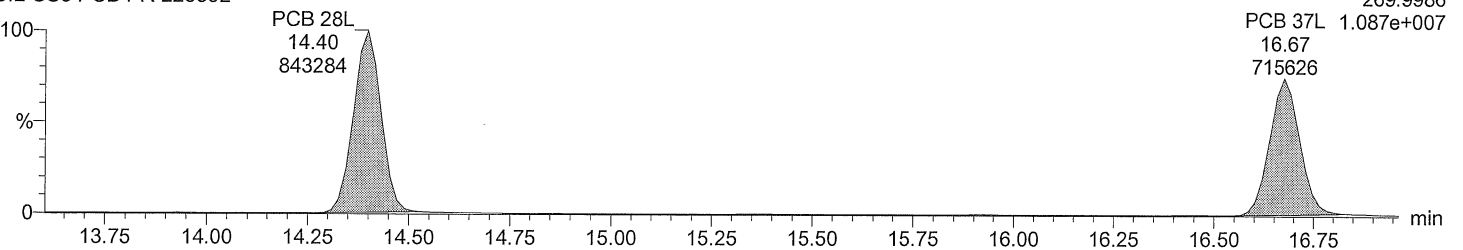
F3:SIR of 14 channels,EI+
268.0016
1.142e+007



Total TriCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F3:SIR of 14 channels,EI+
269.9986
1.087e+007



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Date: 11-FEB-2016

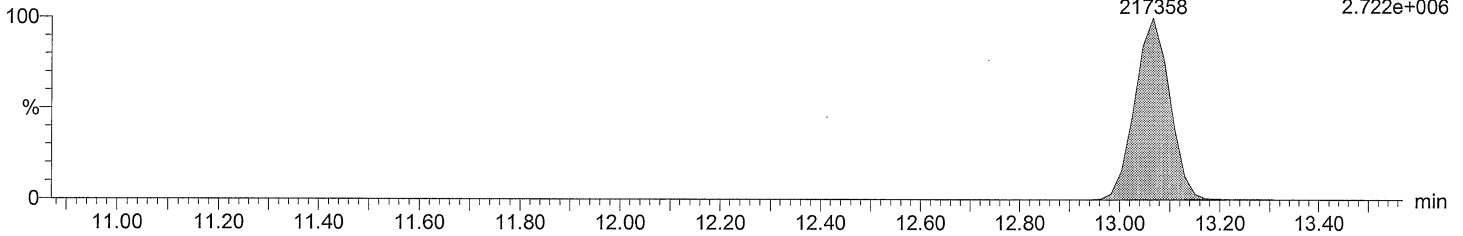
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Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

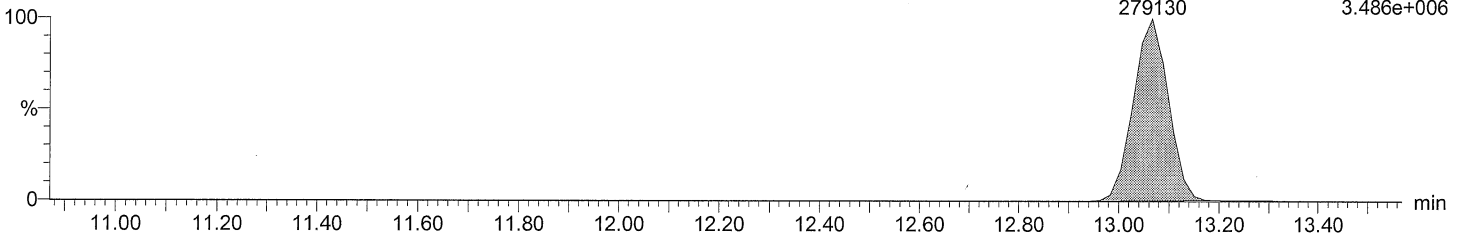
PCB 54 F2:SIR of 16 channels,EI+
13.07 289.9224
217358 2.722e+006



Total TeCB F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

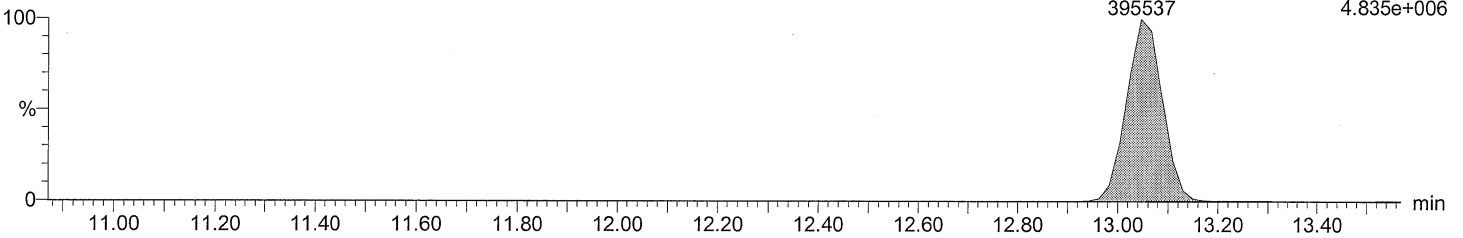
PCB 54 F2:SIR of 16 channels,EI+
13.07 291.9194
279130 3.486e+006



Total TeCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

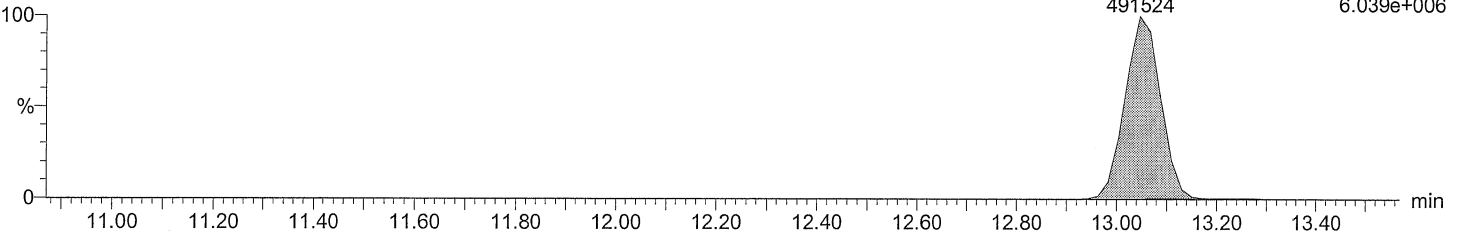
PCB 54L F2:SIR of 16 channels,EI+
13.05 301.9626
395537 4.835e+006



Total TeCB labeled F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 54L F2:SIR of 16 channels,EI+
13.05 303.9597
491524 6.039e+006



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Vial: 8

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

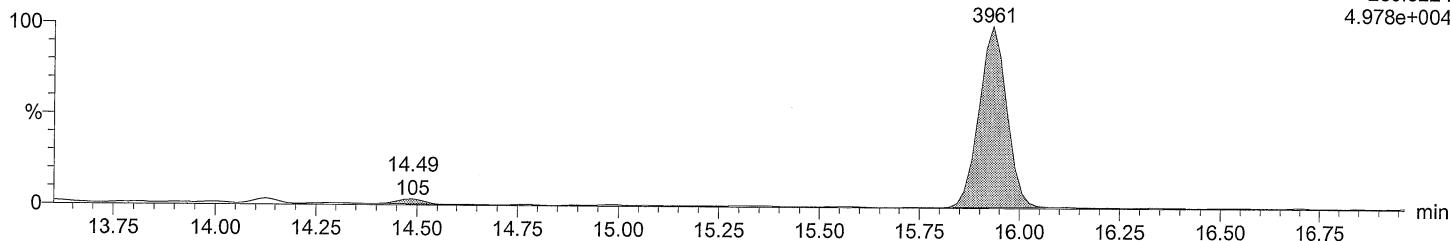
Total TeCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

Total TeCB F3

F3:SIR of 14 channels,EI+

15.93 289.9224
3961 4.978e+004



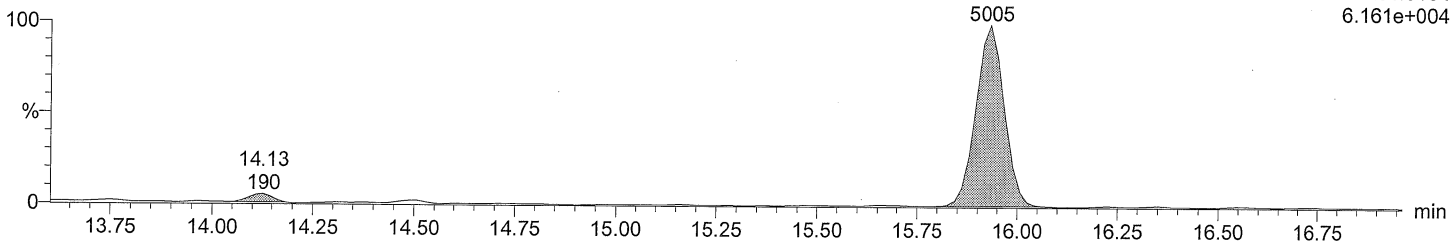
Total TeCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

Total TeCB F3

F3:SIR of 14 channels,EI+

15.93 291.9194
5005 6.161e+004



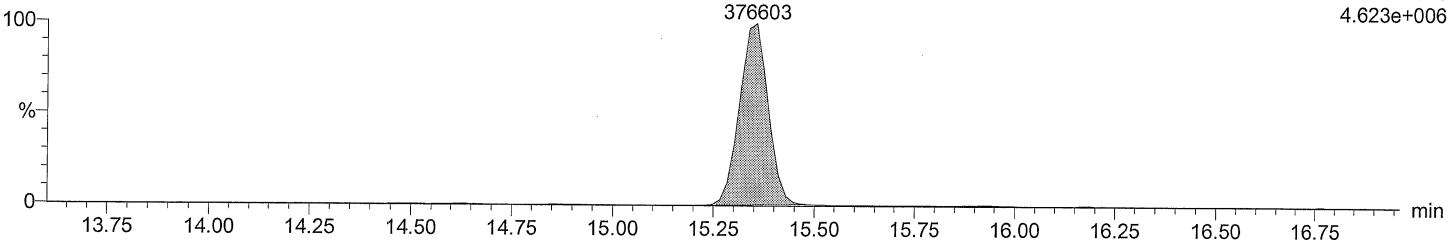
Total TeCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 52L

F3:SIR of 14 channels,EI+

15.36 301.9626
376603 4.623e+006



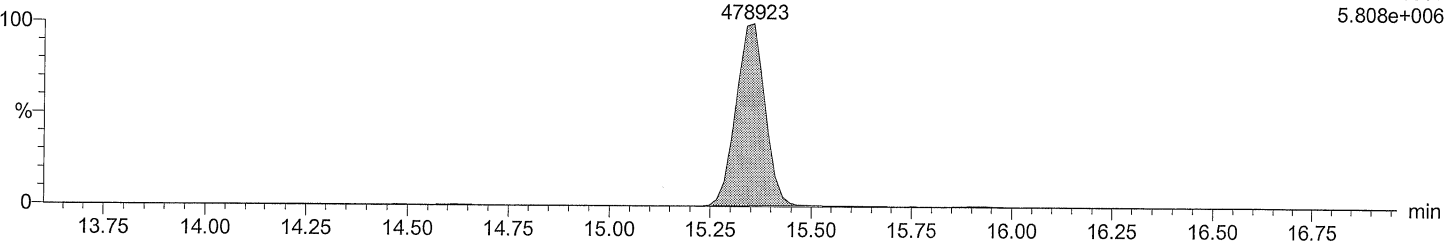
Total TeCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 52L

F3:SIR of 14 channels,EI+

15.36 303.9597
478923 5.808e+006



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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

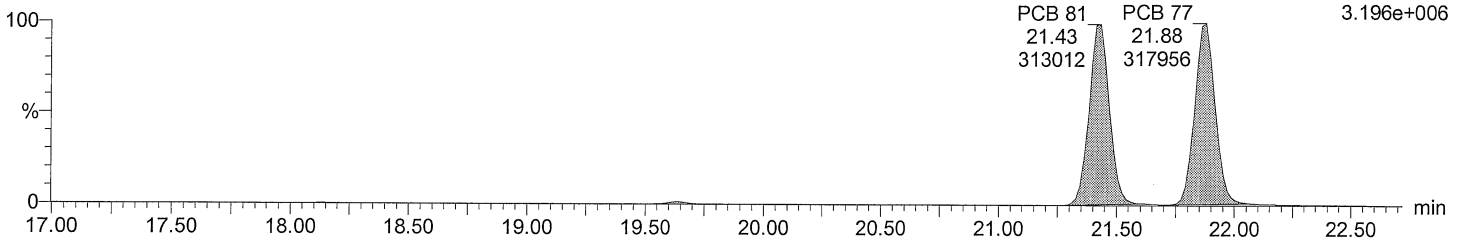
Time: 23:44:21

Instrument: Autospec-UltimaE

Total TeCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

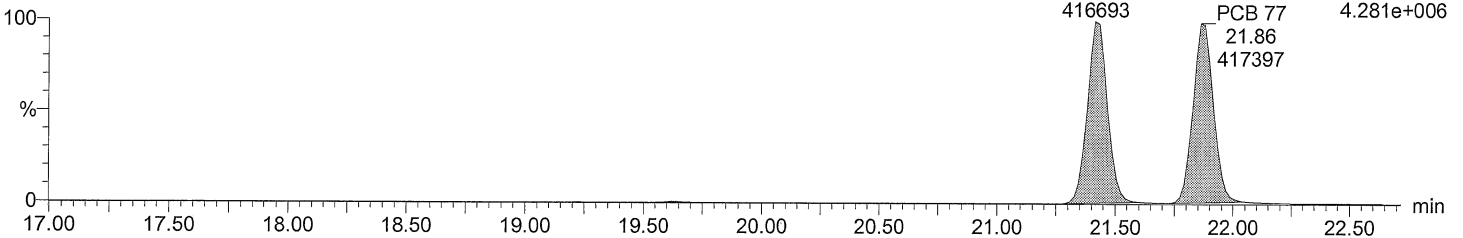
F4:SIR of 14 channels,EI+
289.9224
3.196e+006



Total TeCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

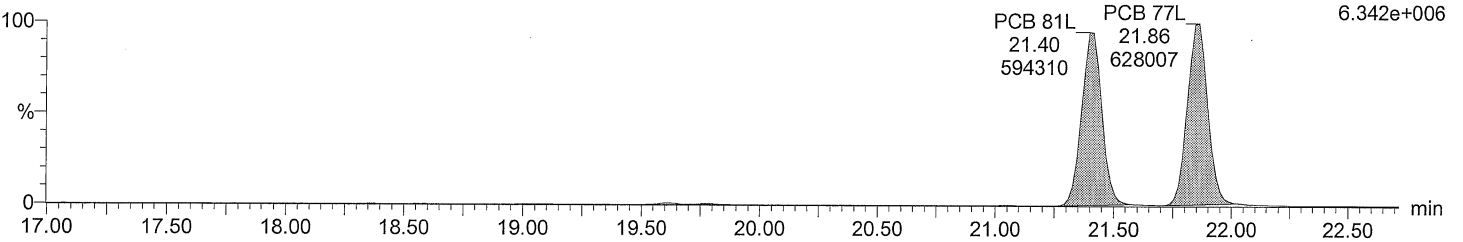
PCB 81 F4:SIR of 14 channels,EI+
21.42 291.9194
416693 4.281e+006
PCB 77
21.86
417397



Total TeCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

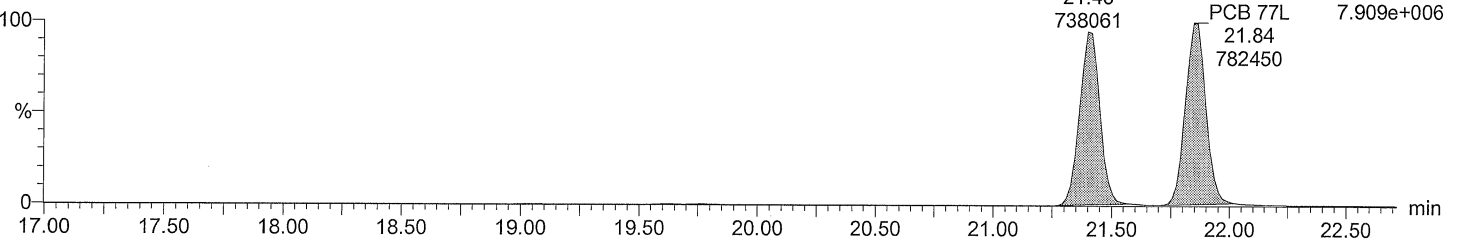
F4:SIR of 14 channels,EI+
301.9626
6.342e+006



Total TeCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 81L F4:SIR of 14 channels,EI+
21.40 303.9597
738061 7.909e+006
PCB 77L
21.84
782450



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

Time: 23:44:21

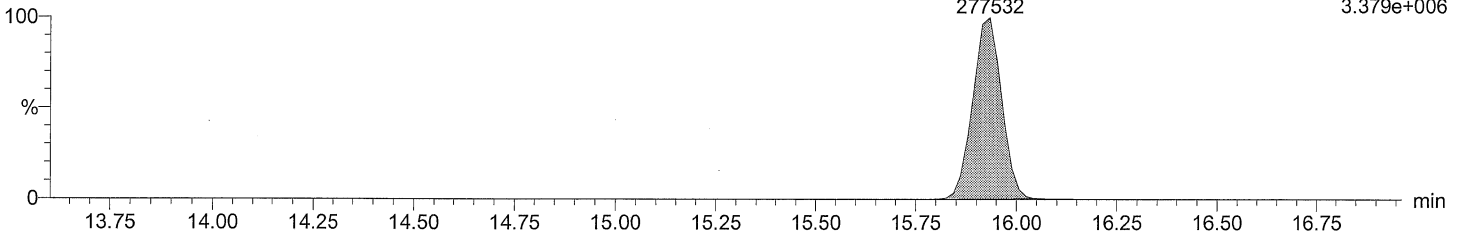
Instrument: Autospec-UltimaE

Total PeCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 104
15.93
277532

F3:SIR of 14 channels,EI+
325.8805
3.379e+006

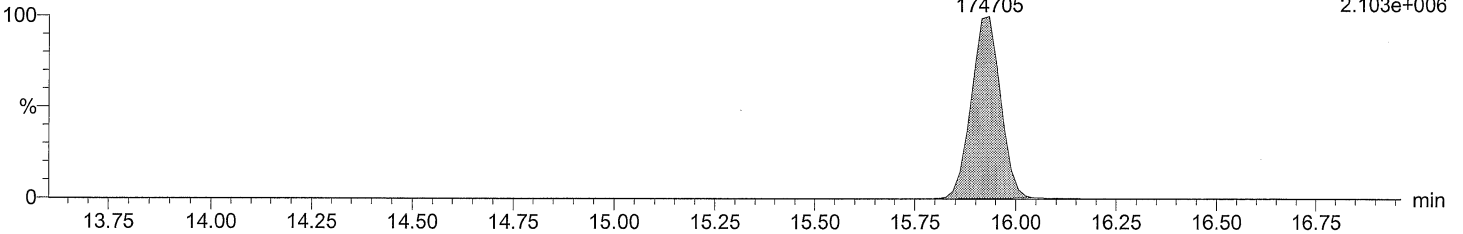


Total PeCB F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 104
15.93
174705

F3:SIR of 14 channels,EI+
327.8775
2.103e+006

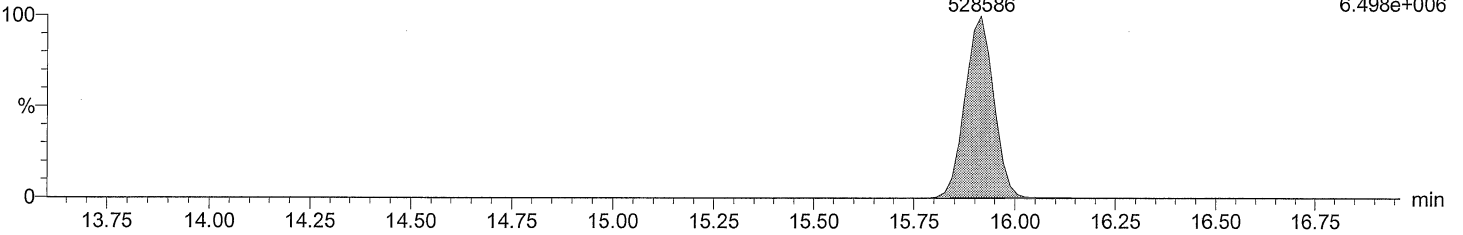


Total PeCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 104L
15.92
528586

F3:SIR of 14 channels,EI+
337.9207
6.498e+006

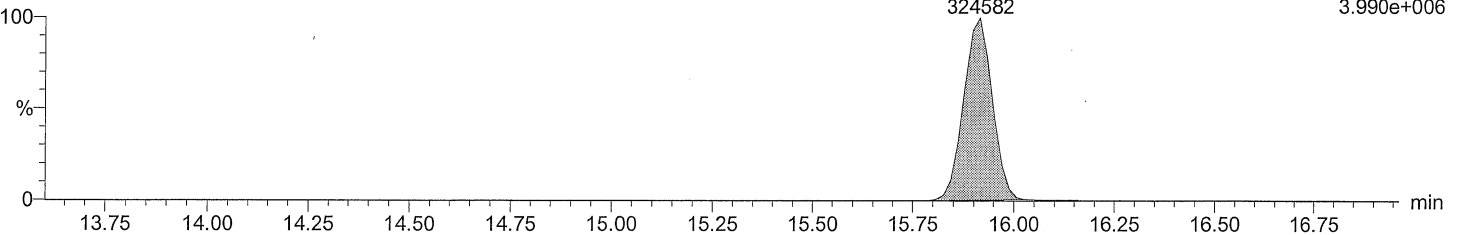


Total PeCB labeled F3

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 104L
15.92
324582

F3:SIR of 14 channels,EI+
339.9178
3.990e+006



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Vial: 8

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Time: 23:44:21

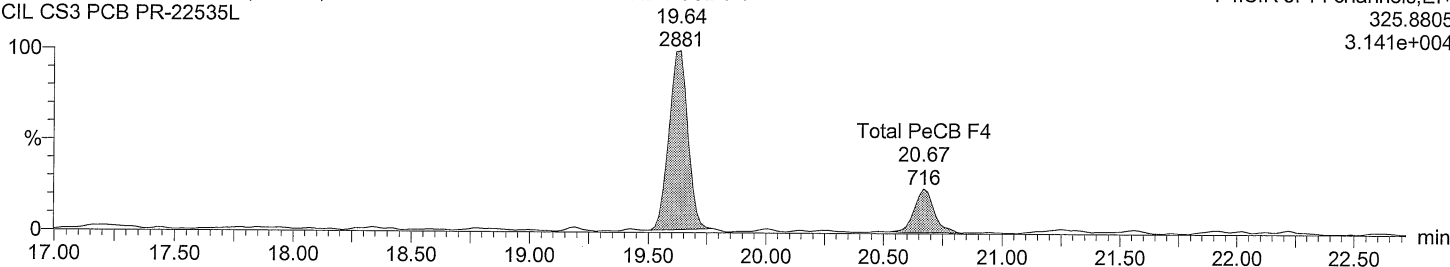
Instrument: Autospec-UltimaE

Total PeCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

Total PeCB F4

F4:SIR of 14 channels,EI+
325.8805
3.141e+004

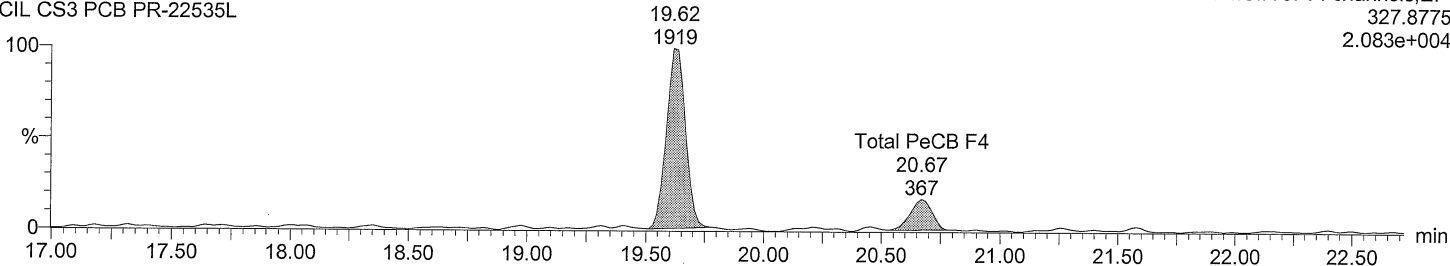


Total PeCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

Total PeCB F4

F4:SIR of 14 channels,EI+
327.8775
2.083e+004

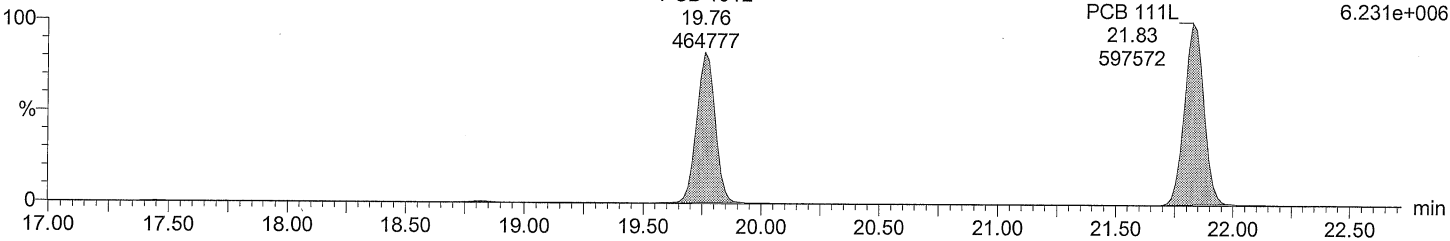


Total PeCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 101L

F4:SIR of 14 channels,EI+
337.9207
6.231e+006

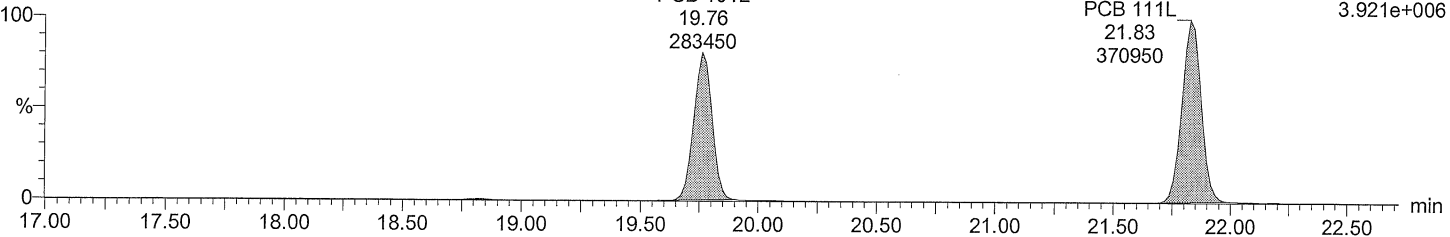


Total PeCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 101L

F4:SIR of 14 channels,EI+
339.9178
3.921e+006



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Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

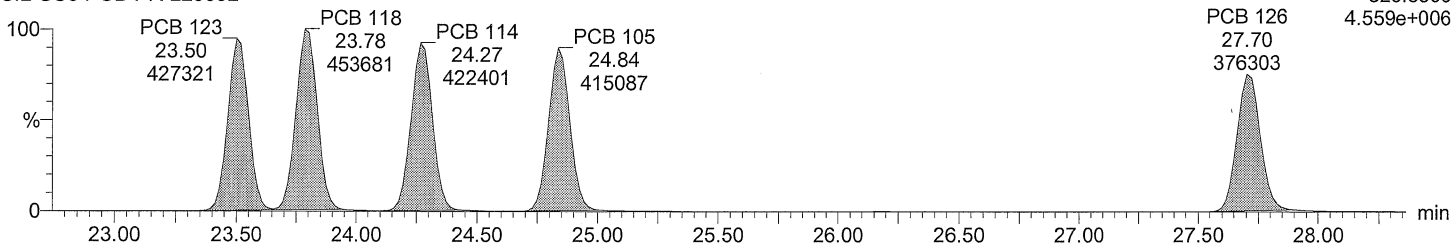
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Instrument: Autospec-UltimaE

Total PeCB F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

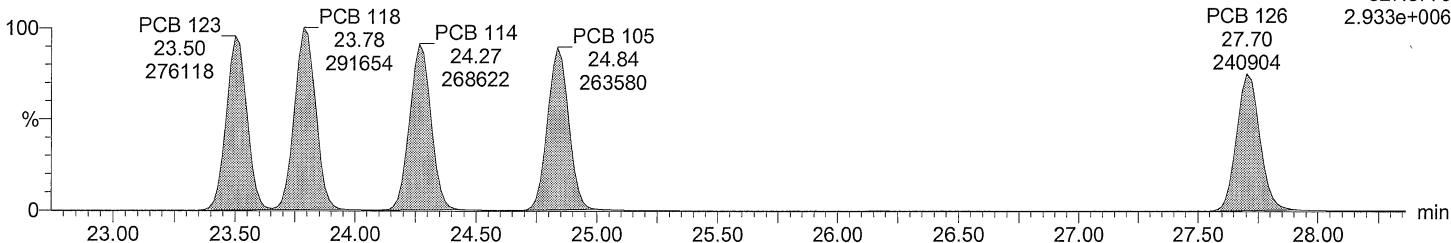


F5:SIR of 14 channels,EI+
325.8805
4.559e+006

Total PeCB F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

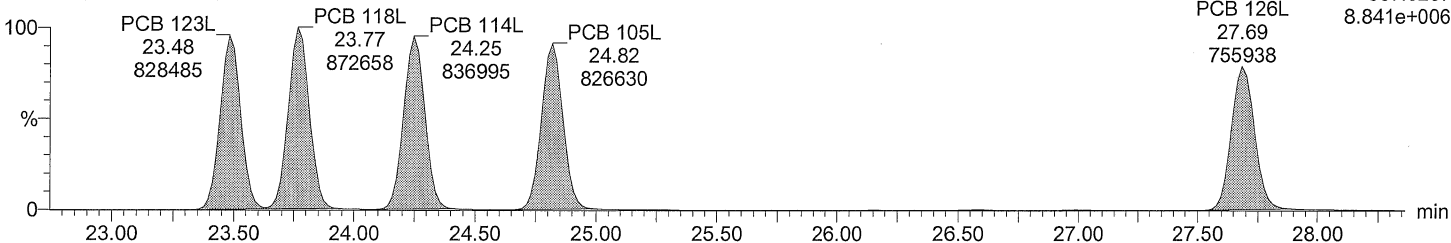


F5:SIR of 14 channels,EI+
327.8775
2.933e+006

Total PeCB labeled F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

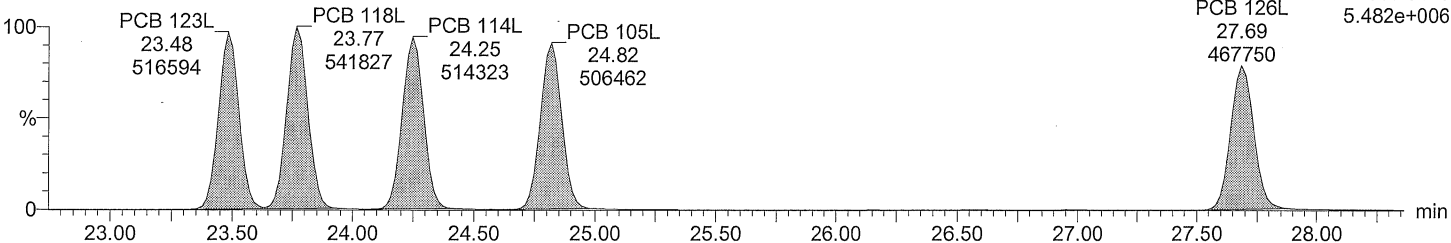


F5:SIR of 14 channels,EI+
337.9207
8.841e+006

Total PeCB labeled F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L



F5:SIR of 14 channels,EI+
339.9178
5.482e+006

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Vial: 8

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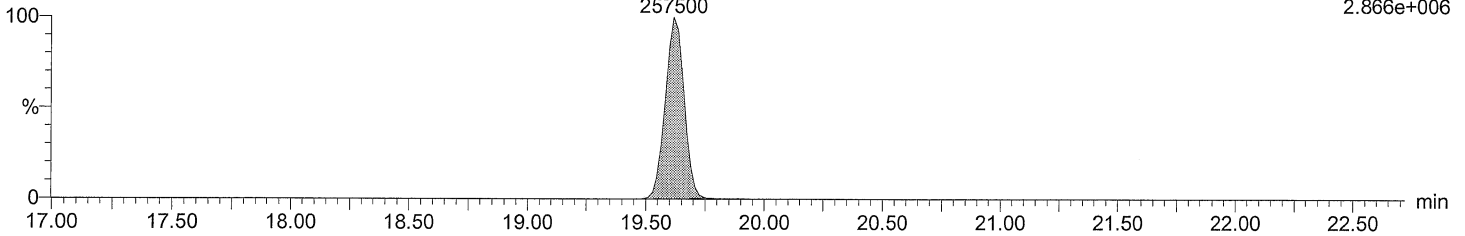
Instrument: Autospec-UltimaE

Total HxCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 155
19.62
257500

F4:SIR of 14 channels,EI+
359.8415
2.866e+006

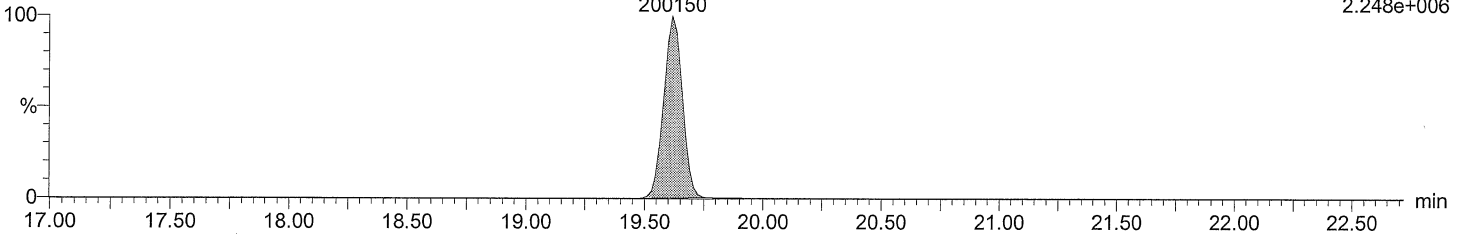


Total HxCB F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 155
19.62
200150

F4:SIR of 14 channels,EI+
361.8385
2.248e+006

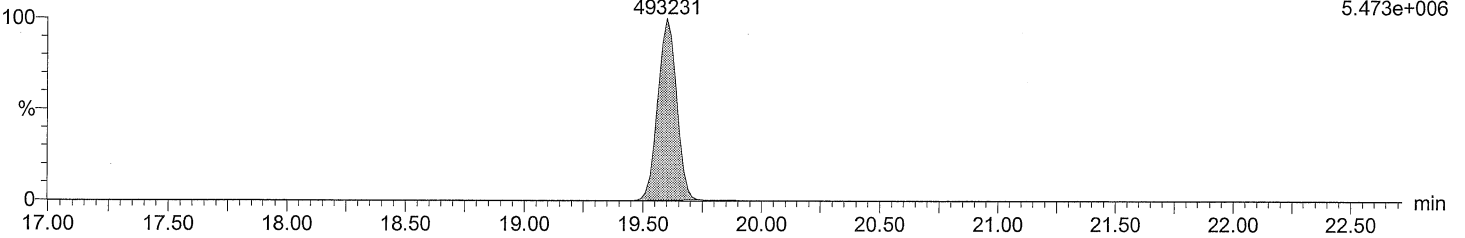


Total HxCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 155L
19.60
493231

F4:SIR of 14 channels,EI+
371.8817
5.473e+006

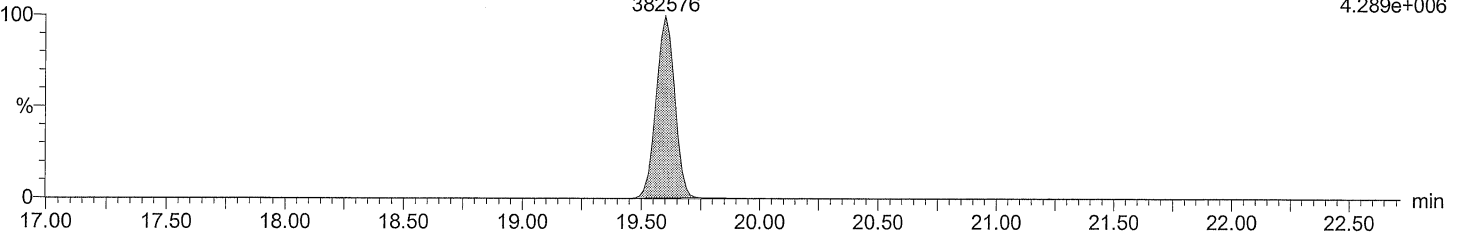


Total HxCB labeled F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 155L
19.60
382576

F4:SIR of 14 channels,EI+
373.8788
4.289e+006



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Vial: 8

Date: 11-FEB-2016

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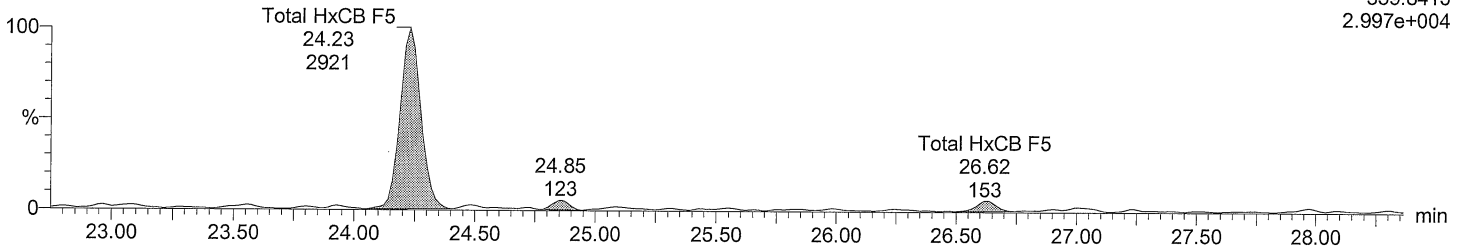
Instrument: Autospec-UltimaE

Total HxCB F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F5:SIR of 14 channels,EI+
359.8415
2.997e+004

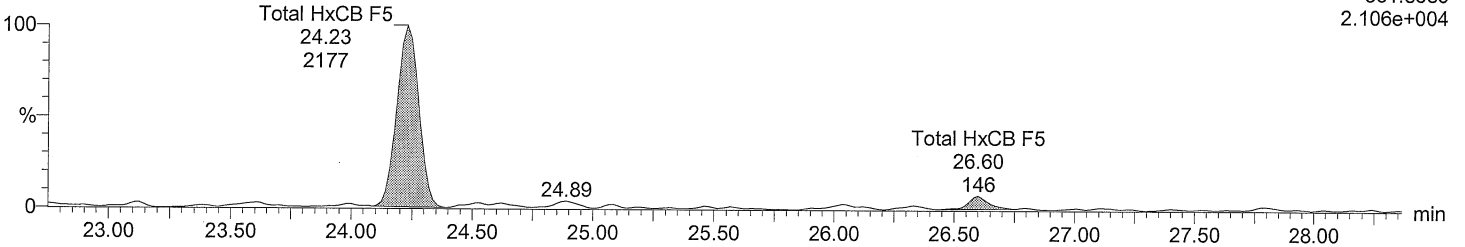


Total HxCB F5

M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F5:SIR of 14 channels,EI+
361.8385
2.106e+004



Total HxCB labeled F5

M2160211AS008 Smooth(SG,3x1)

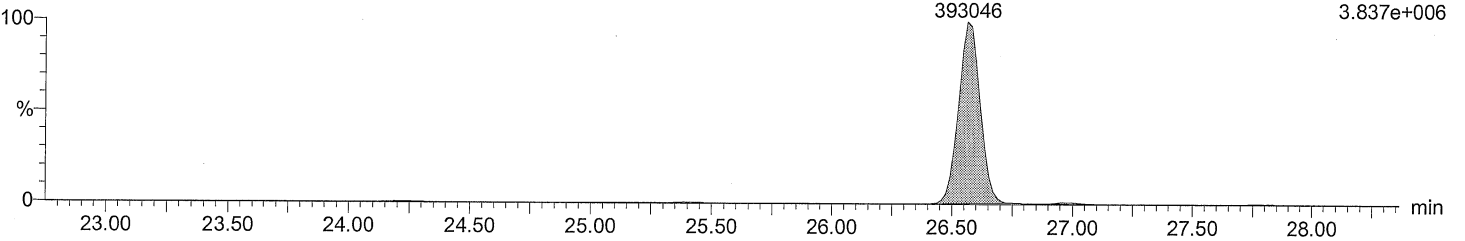
CIL CS3 PCB PR-22535L

PCB 138L

26.56

393046

F5:SIR of 14 channels,EI+
371.8817
3.837e+006



Total HxCB labeled F5

M2160211AS008 Smooth(SG,3x1)

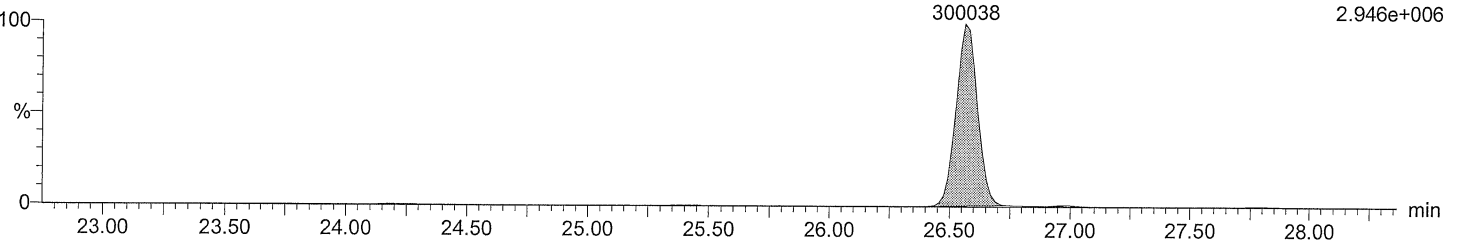
CIL CS3 PCB PR-22535L

PCB 138L

26.56

300038

F5:SIR of 14 channels,EI+
373.8788
2.946e+006



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Vial: 8

Date: 11-FEB-2016

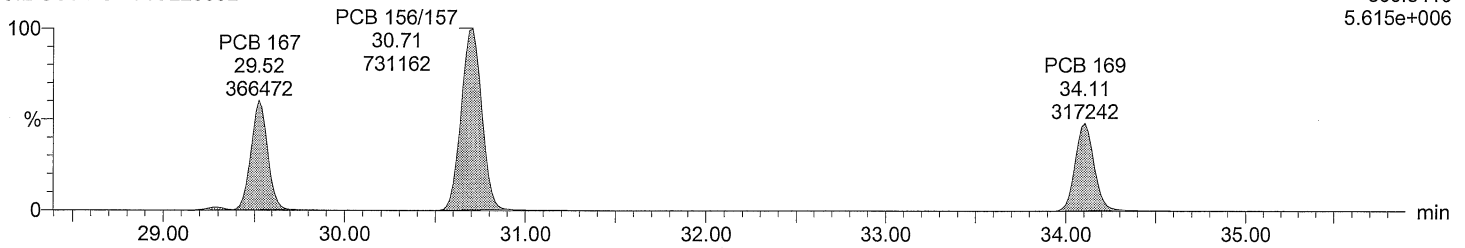
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Instrument: Autospec-UltimaE

Total HxCB F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

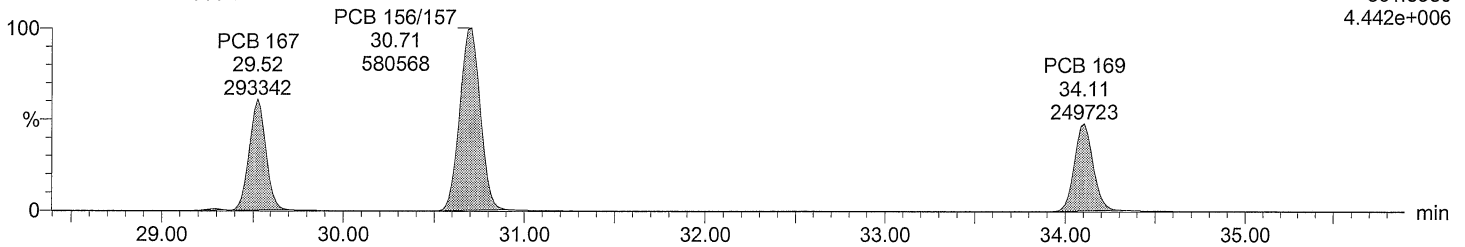
F6:SIR of 14 channels,EI+
359.8415
5.615e+006



Total HxCB F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

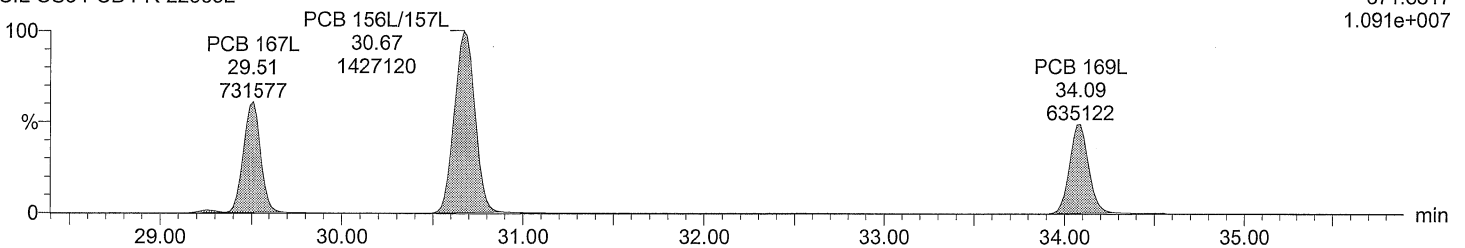
F6:SIR of 14 channels,EI+
361.8385
4.442e+006



Total HxCB labeled F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

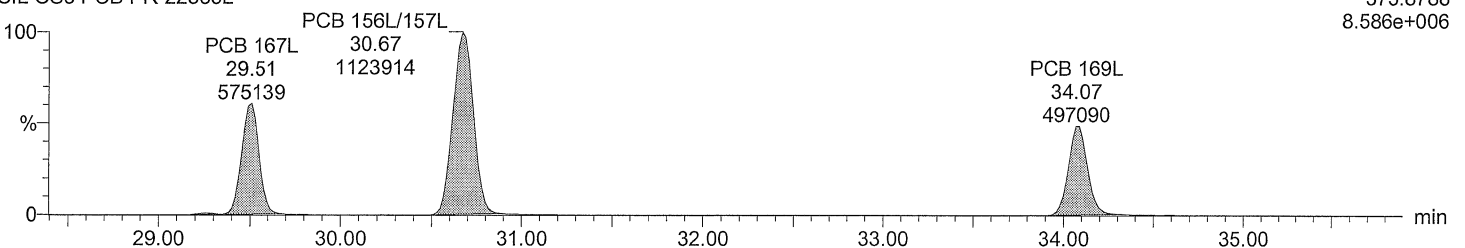
F6:SIR of 14 channels,EI+
371.8817
1.091e+007



Total HxCB labeled F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+
373.8788
8.586e+006



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Vial: 8

Date: 11-FEB-2016

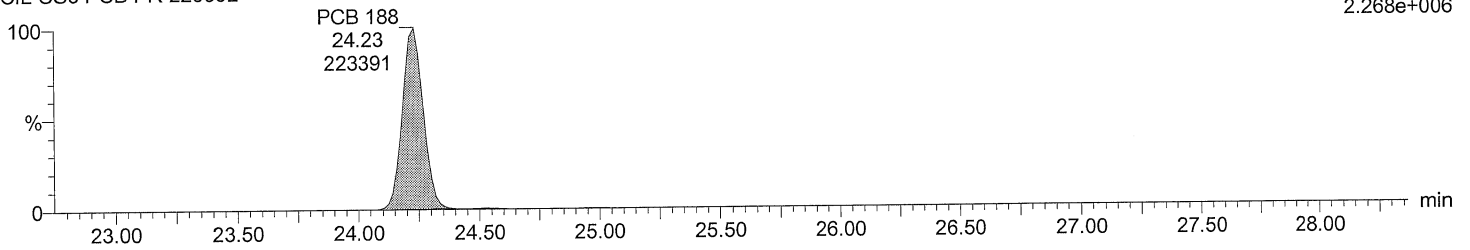
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Instrument: Autospec-UltimaE

Total HpCB F5

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

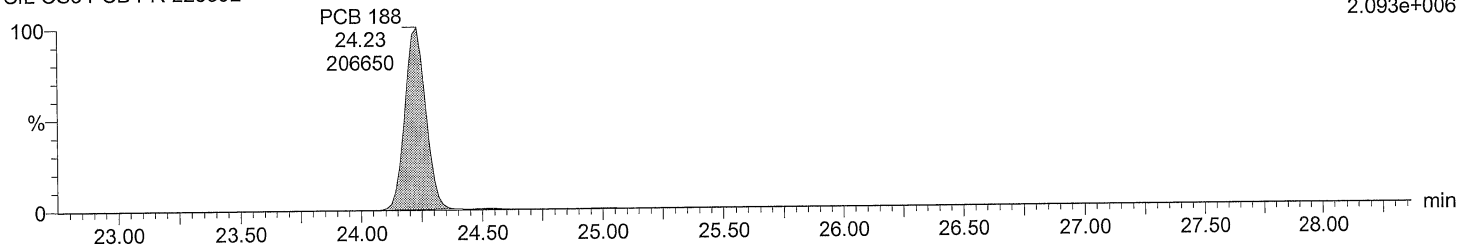
F5:SIR of 14 channels, EI+
393.8025
2.268e+006



Total HpCB F5

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

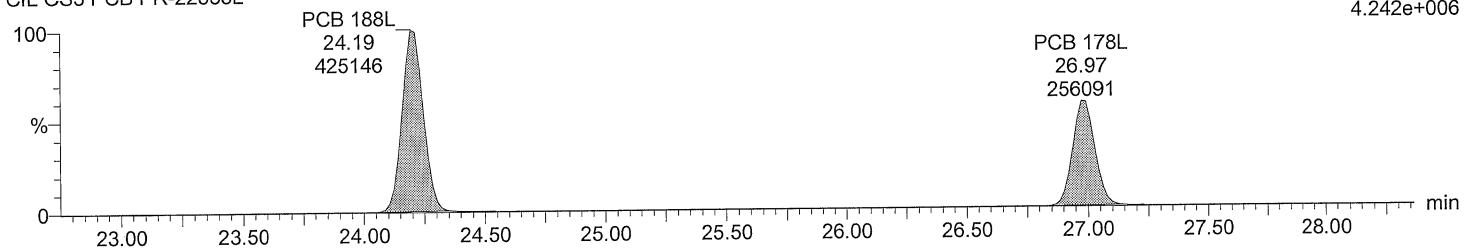
F5:SIR of 14 channels, EI+
395.7995
2.093e+006



Total HpCB labeled F5

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

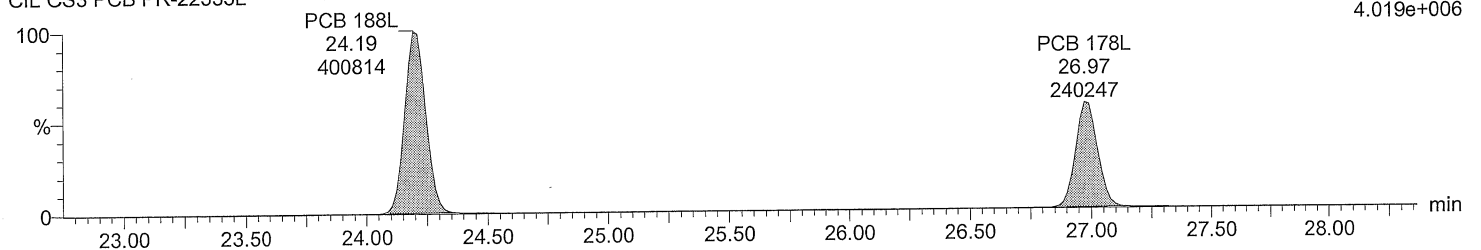
F5:SIR of 14 channels, EI+
405.8428
4.242e+006



Total HpCB labeled F5

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F5:SIR of 14 channels, EI+
407.8398
4.019e+006



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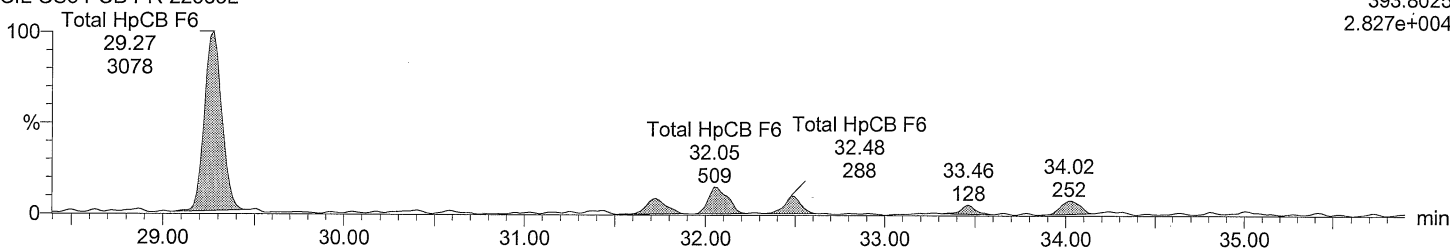
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Total HpCB F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

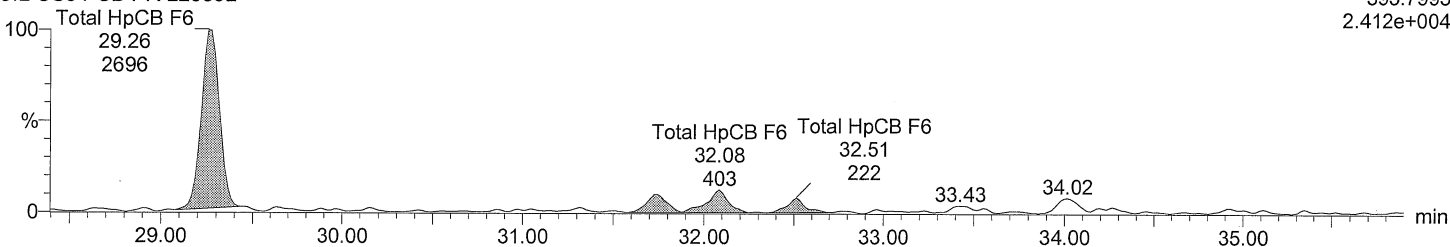
F6:SIR of 14 channels,EI+
393.8025
2.827e+004



Total HpCB F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

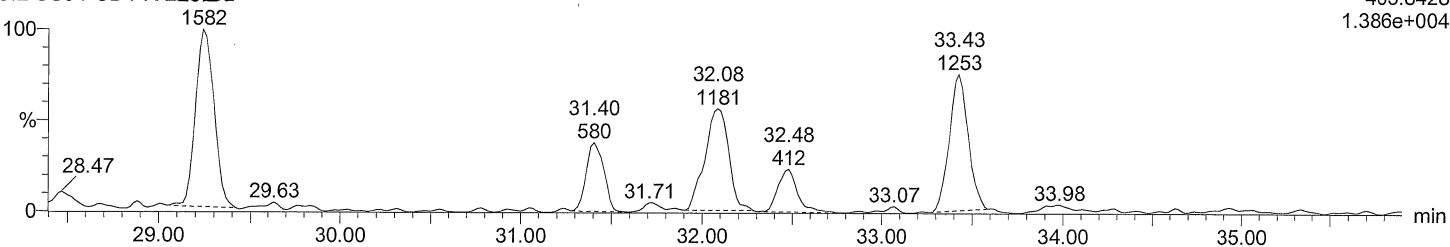
F6:SIR of 14 channels,EI+
395.7995
2.412e+004



Total HpCB labeled F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

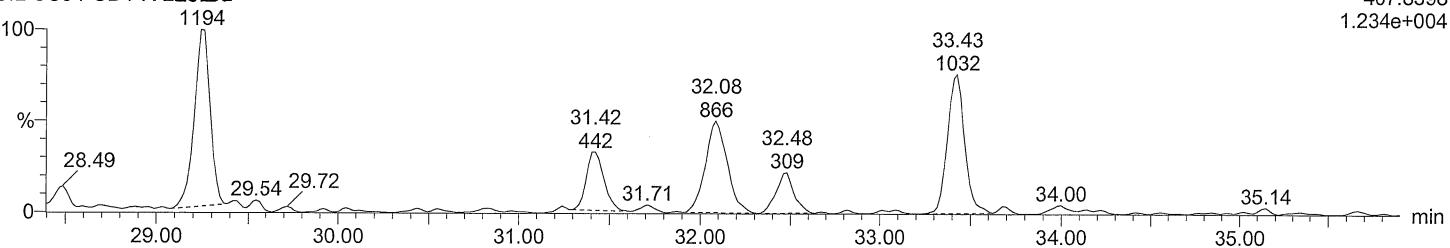
F6:SIR of 14 channels,EI+
405.8428
1.386e+004



Total HpCB labeled F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+
407.8398
1.234e+004



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Vial: 8

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

Total HpCB F7

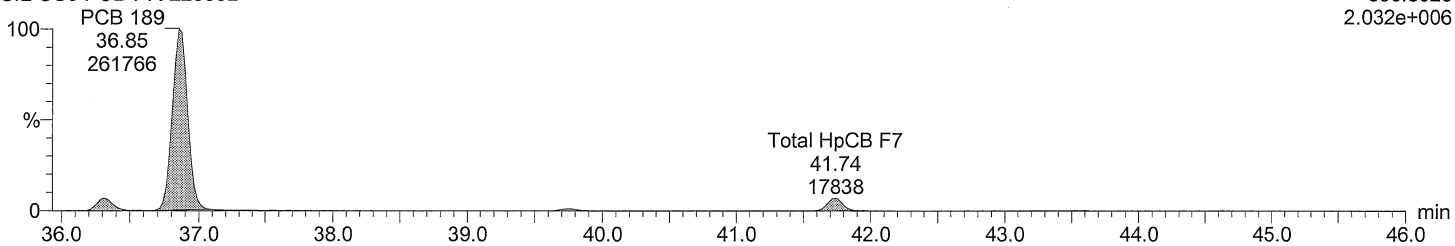
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CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

393.8025

2.032e+006



Total HpCB F7

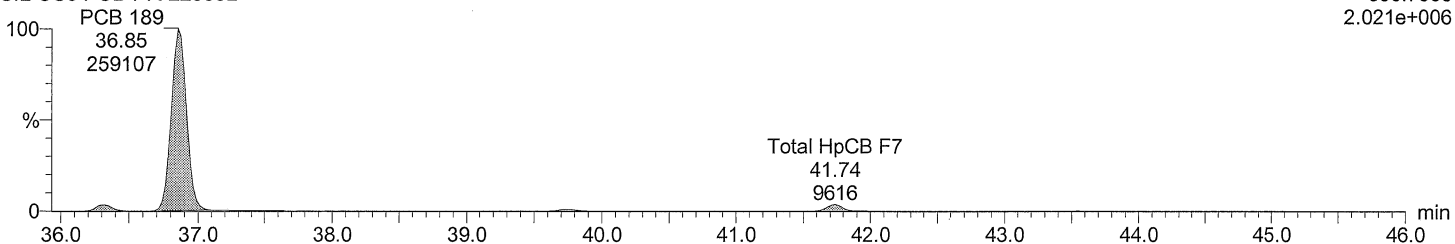
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

395.7995

2.021e+006



Total HpCB labeled F7

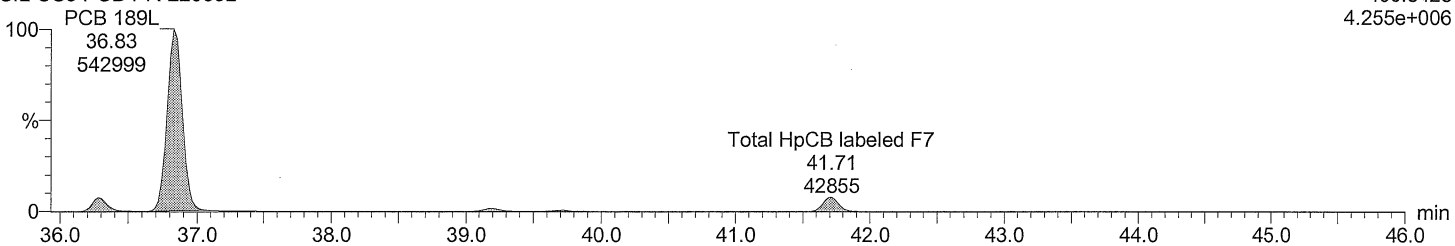
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

405.8428

4.255e+006



Total HpCB labeled F7

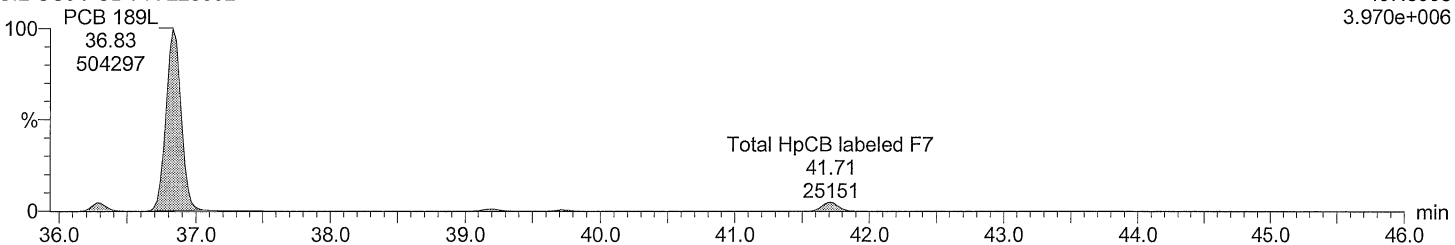
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

407.8398

3.970e+006



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Vial: 8

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

Total OcCB F6

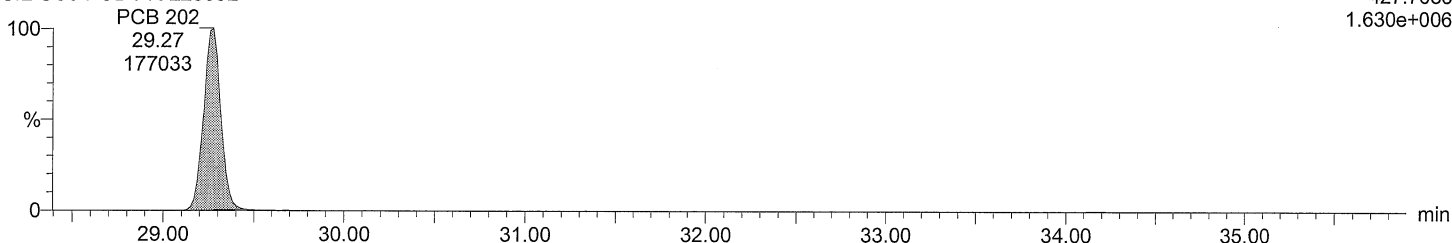
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+

427.7635

1.630e+006



Total OcCB F6

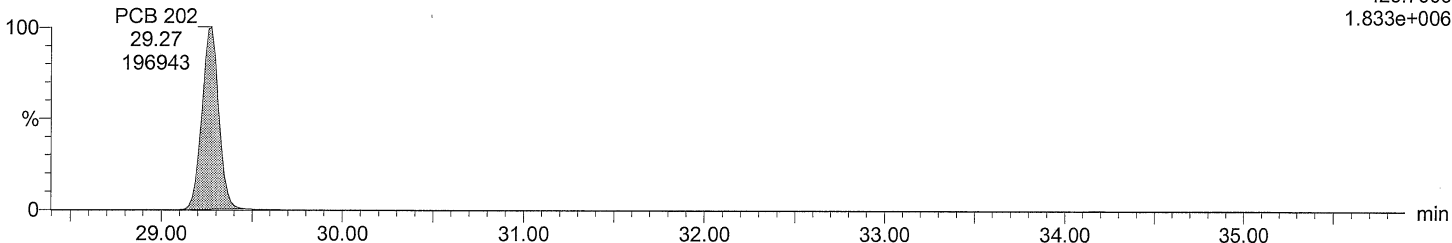
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+

429.7606

1.833e+006



Total OcCB labeled F6

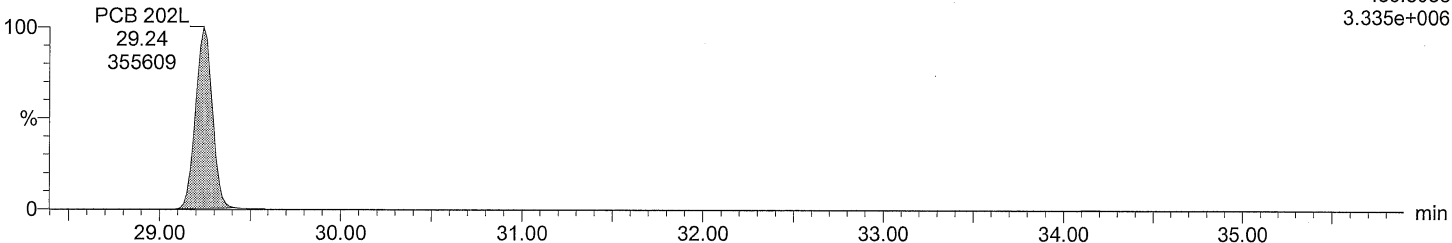
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+

439.8038

3.335e+006



Total OcCB labeled F6

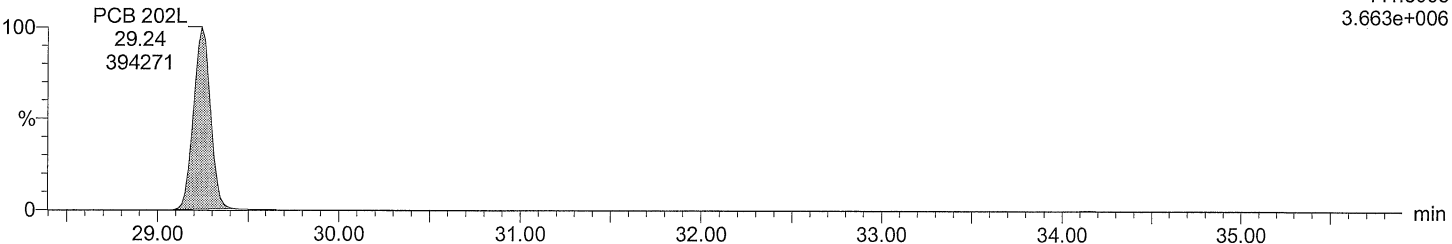
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F6:SIR of 14 channels,EI+

441.8008

3.663e+006



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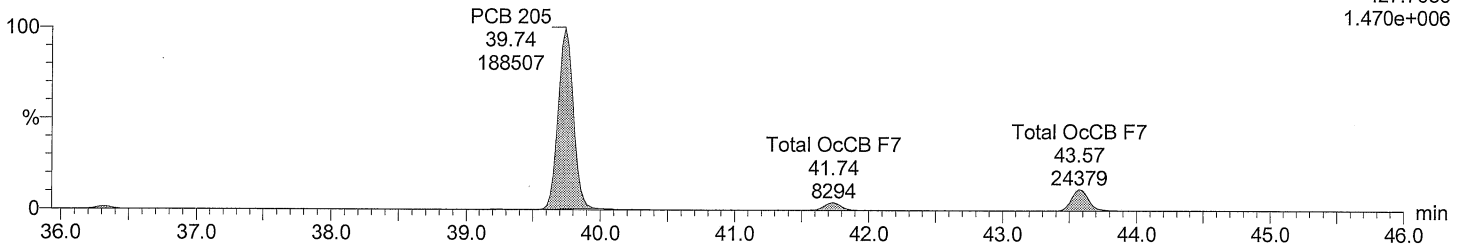
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Instrument: Autospec-UltimaE

Total OcCB F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

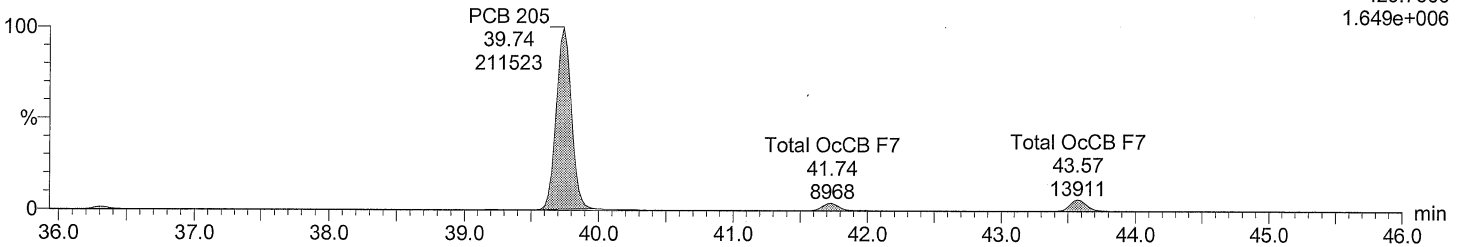
F7:SIR of 18 channels,EI+
427.7635
1.470e+006



Total OcCB F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

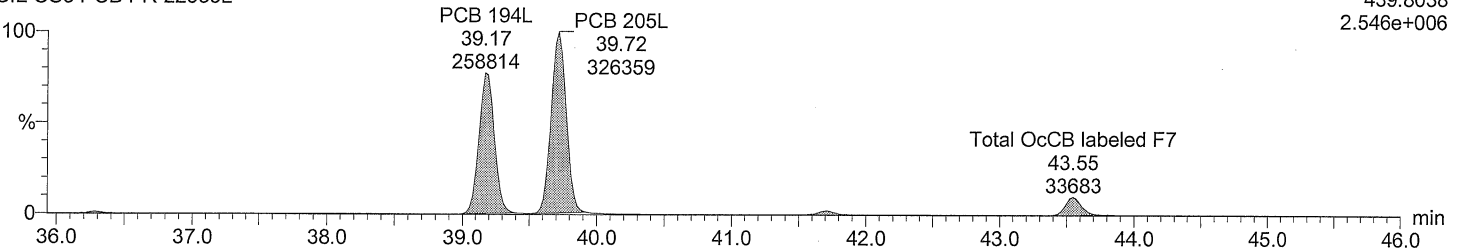
F7:SIR of 18 channels,EI+
429.7606
1.649e+006



Total OcCB labeled F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

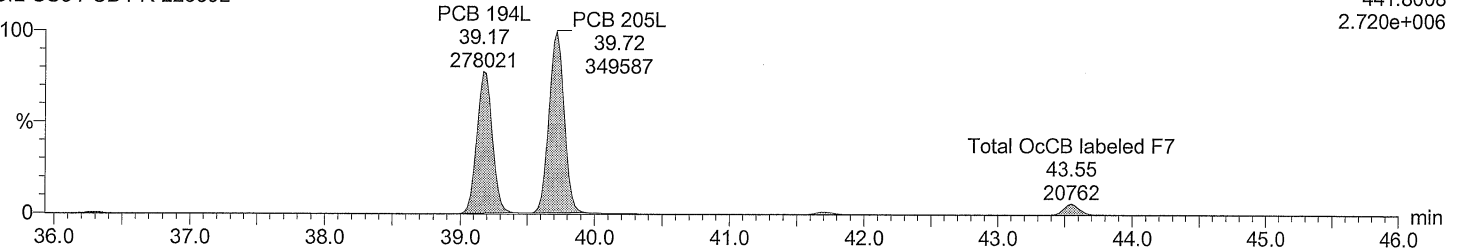
F7:SIR of 18 channels,EI+
439.8038
2.546e+006



Total OcCB labeled F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+
441.8008
2.720e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

Time: 23:44:21

Instrument: Autospec-UltimaE

Total NoCB F7

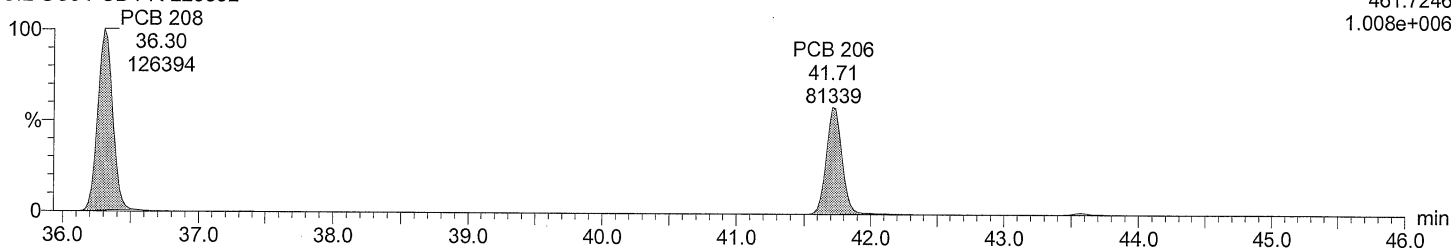
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

461.7246

1.008e+006



Total NoCB F7

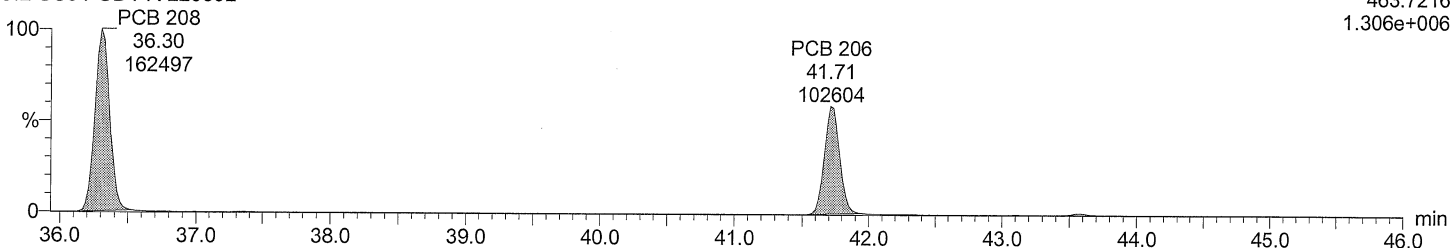
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

463.7216

1.306e+006



Total NoCB labeled F7

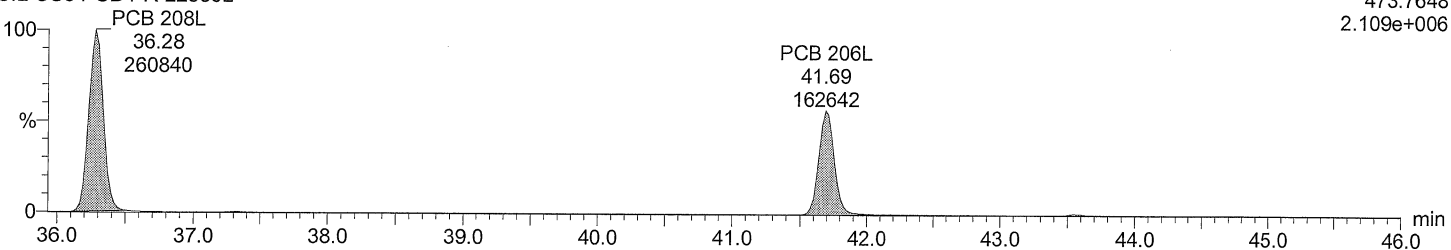
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

473.7648

2.109e+006



Total NoCB labeled F7

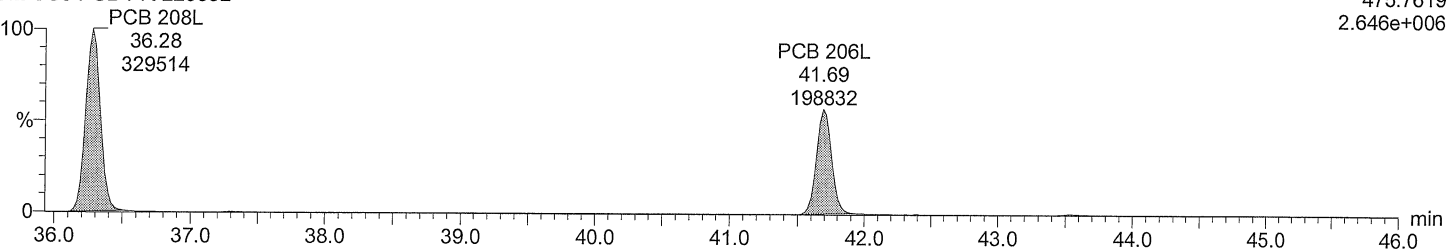
M2160211AS008 Smooth(SG,3x1)

CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+

475.7619

2.646e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

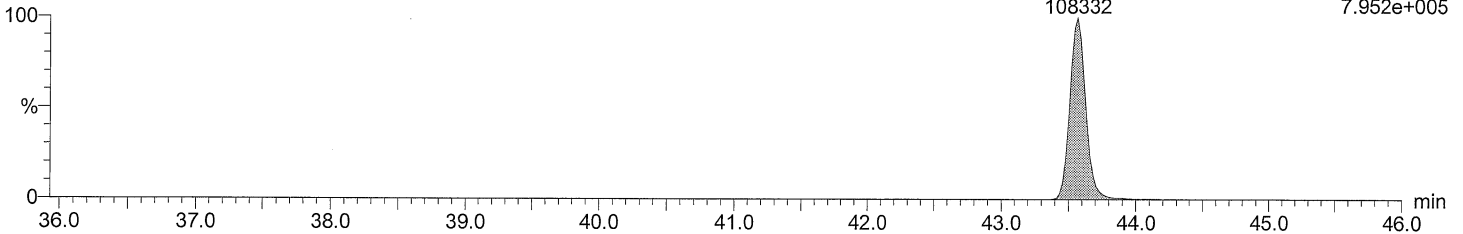
Time: 23:44:21

Instrument: Autospec-UltimaE

Total DeCB F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

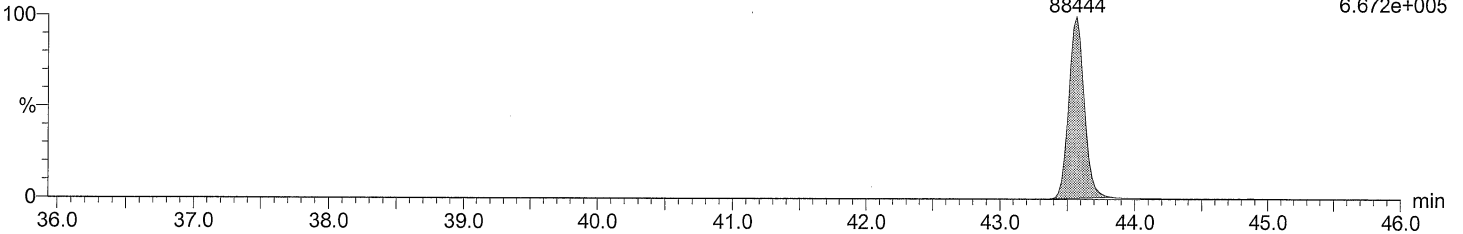
PCB 209 F7:SIR of 18 channels,EI+
43.57 497.6826
108332 7.952e+005



Total DeCB F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

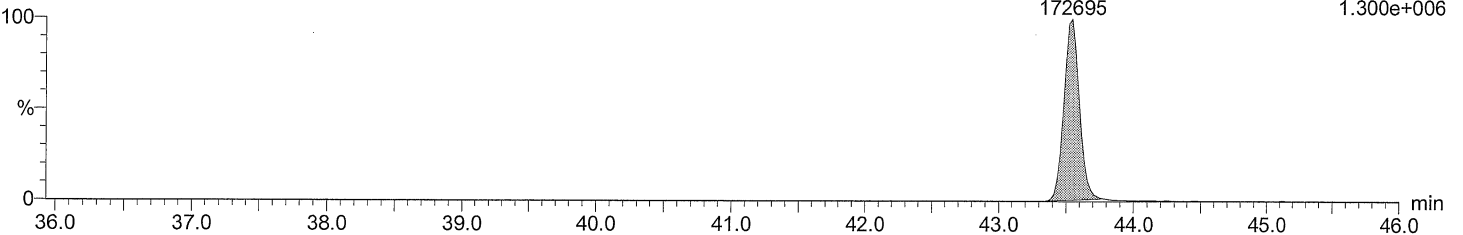
PCB 209 F7:SIR of 18 channels,EI+
43.57 499.6797
88444 6.672e+005



Total DeCB labeled F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

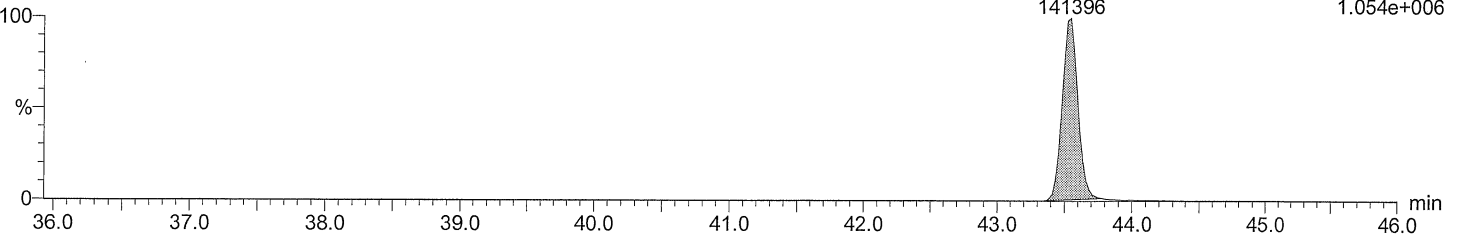
PCB 209L F7:SIR of 18 channels,EI+
43.55 509.7229
172695 1.300e+006



Total DeCB labeled F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

PCB 209L F7:SIR of 18 channels,EI+
43.55 511.7199
141396 1.054e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

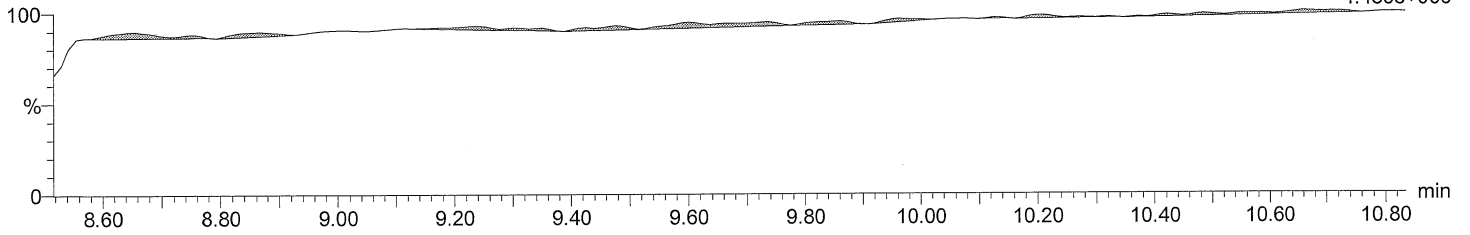
Time: 23:44:21

Instrument: Autospec-UltimaE

lockmass F1

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F1:SIR of 10 channels,EI+
218.9856
4.435e+006

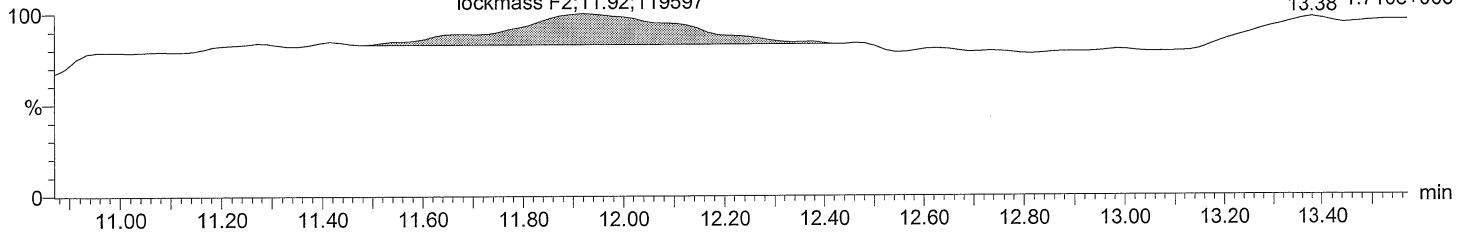


lockmass F2

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F2:SIR of 16 channels,EI+
242.9856
13.38 1.710e+006

lockmass F2;11.92;119597



lockmass F3

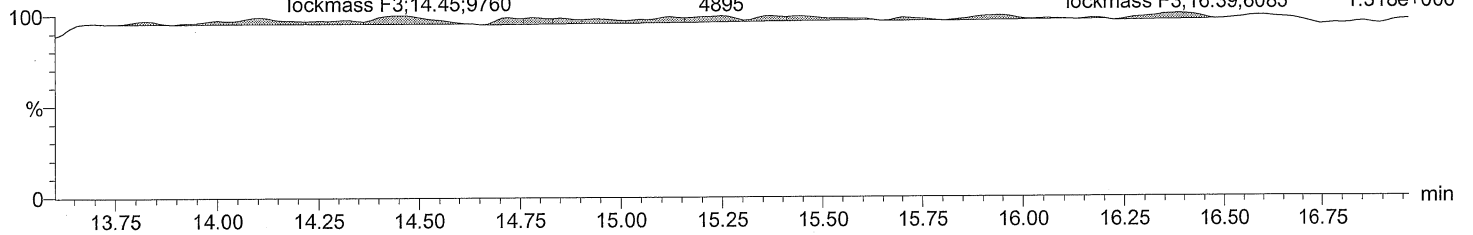
M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

lockmass F3
15.25
4895

F3:SIR of 14 channels,EI+
292.9824
1.318e+006

lockmass F3;14.45;9760

lockmass F3;16.39;6085



lockmass F4

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

lockmass F4
20.88
16491

F4:SIR of 14 channels,EI+
330.9792
1.985e+006

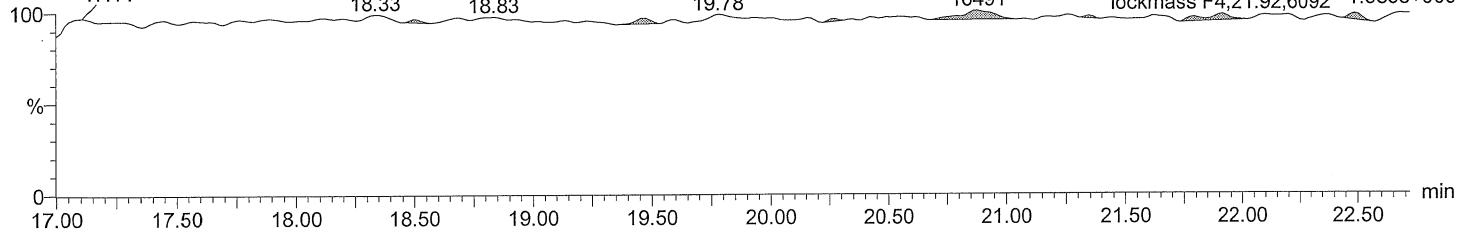
17.11

18.33

18.83

19.78

lockmass F4;21.92;6092



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Description: CIL CS3 PCB PR-22535L

Vial: 8

Date: 11-FEB-2016

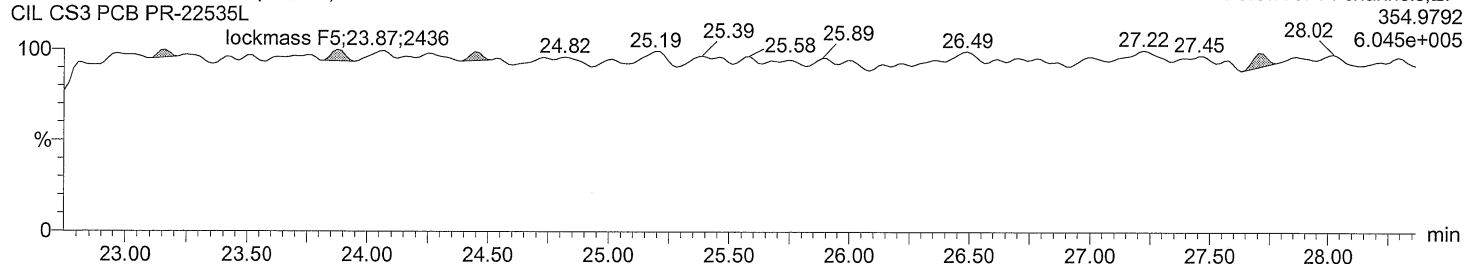
Time: 23:44:21

Instrument: Autospec-UltimaE

lockmass F5

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

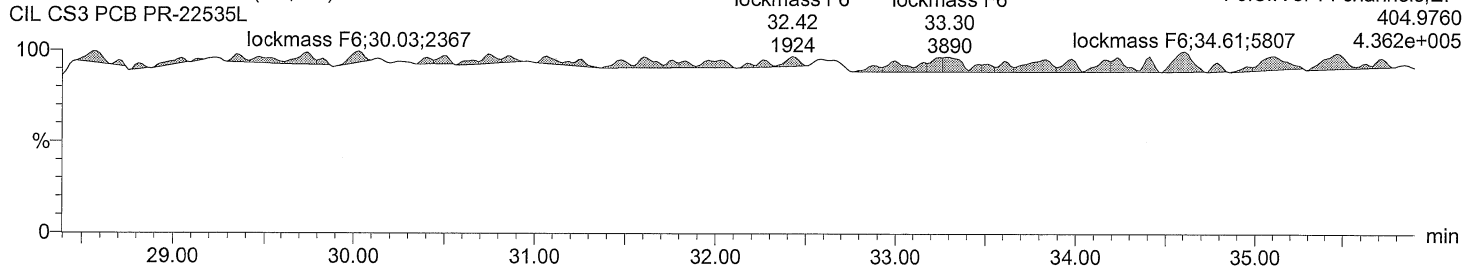
F5:SIR of 14 channels,EI+



lockmass F6

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

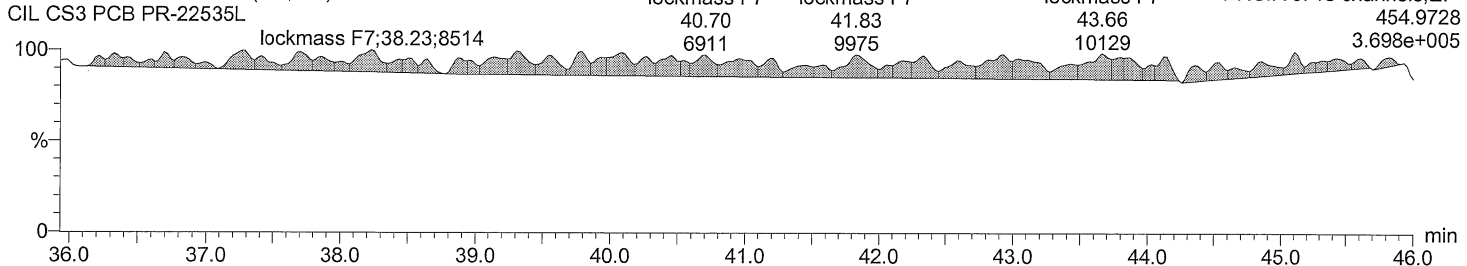
F6:SIR of 14 channels,EI+



lockmass F7

M2160211AS008 Smooth(SG,3x1)
CIL CS3 PCB PR-22535L

F7:SIR of 18 channels,EI+



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_sec_source_5PT.qld

Last Altered: February 16, 2016 8:09:40 AM Eastern Standard Time

Printed: February 16, 2016 8:10:17 AM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
16-Feb-16	08:08:44	Process Integrate			
16-Feb-16	08:08:44	Process Quantify			
16-Feb-16	08:08:44	Dataset Created			
16-Feb-16	08:09:19	Peak deleted	33.426	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	32.478	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	32.084	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	31.422	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	29.238	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	33.426	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	32.478	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	32.084	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	31.404	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:19	Peak deleted	29.238	Sample:M2160211AS008, Compound:Total HpC...	
16-Feb-16	08:09:31	Peak deleted	24.871	Sample:M2160211AS008, Compound:Total HxC...	
16-Feb-16	08:09:31	Peak deleted	24.854	Sample:M2160211AS008, Compound:Total HxC...	
16-Feb-16	08:09:39	Peak deleted	25.406	Sample:M2160211AS008, Compound:Total HxC...	
16-Feb-16	08:09:39	Peak deleted	25.406	Sample:M2160211AS008, Compound:Total HxC...	
16-Feb-16	08:10:13	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160211A_5PT_1668.qld

Last Altered: February 16, 2016 8:03:15 AM Eastern Standard Time

Printed: February 16, 2016 8:06:51 AM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
16-Feb-16	08:03:14	Process Integrate			
16-Feb-16	08:03:15	Process Calibrate			
16-Feb-16	08:03:15	Process Quantify			
16-Feb-16	08:03:15	Dataset Created			
16-Feb-16	08:04:58	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLDM21602...	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time

Printed: February 16, 2016 10:35:34 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668_M2160211A.mdb 16 Feb 2016 10:09:59

Calibration: 16 Feb 2016 10:34:51

ID:

Date: 11-FEB-2016

Time: 00:34:32

Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
1 PCB 1	8.99	1.001	296276	89613	3.31	YES	bb	25.902	3.6	104	165	1.121
2 PCB 2	10.09	0.991	320237	97137	3.30	YES	bd	25.000	0.0	100		1.218
3 PCB 3	10.17	1.000	287552	88021	3.27	YES	dd	25.519	2.1	102	166	1.101
4 PCB 4	10.29	1.000	145928	84310	1.73	YES	bd	26.795	7.2	107	167	1.022
5 PCB 10	10.37	1.008	247903	160745	1.54	YES	db	25.000	-0.0	100		1.148
6 PCB 9	11.18	1.087	283853	184654	1.54	YES	bd	25.000	0.0	100		1.317
7 PCB 7	11.27	1.096	247139	157861	1.57	YES	dd	25.000	0.0	100		1.138
8 PCB 6	11.35	1.104	289526	185588	1.56	YES	dd	25.000	0.0	100		1.335
9 PCB 5	11.50	1.118	224381	149025	1.51	YES	MM	25.000	0.0	100		1.049
10 PCB 8	11.54	1.122	310382	201650	1.54	YES	MM	25.000	0.0	100		1.439
11 PCB 14	12.25	0.948	283111	185762	1.52	YES	bd	25.000	0.0	100		1.318
12 PCB 11	12.65	0.979	271532	174821	1.55	YES	dd	25.000	0.0	100		1.254
13 PCB 13/12	12.80	0.990	523795	333731	1.57	YES	dd	50.000	0.0	100		1.205
14 PCB 15	12.94	1.002	280354	191100	1.47	YES	ds	27.833	11.3	111	168	0.969
15 PCB 19	11.67	1.000	114013	110411	1.03	YES	bb	26.559	6.2	106	169	0.955
16 PCB 30/18	12.48	1.070	329867	321493	1.03	YES	bd	50.000	0.0	100		0.997
17 PCB 17	12.69	1.088	138660	133920	1.04	YES	dd	25.000	0.0	100		0.835
18 PCB 27	12.77	1.095	212201	204447	1.04	YES	dd	25.000	0.0	100		1.276
19 PCB 24	12.86	1.102	175959	173105	1.02	YES	MM	25.000	0.0	100		1.069
20 PCB 16	12.90	1.106	105185	97320	1.08	YES	MM	25.000	0.0	100		0.620
21 PCB 32	13.13	1.125	235215	224335	1.05	YES	db	25.000	0.0	100		1.407
22 PCB 34	13.73	1.177	253286	252267	1.00	YES	bd	25.000	0.0	100		1.548
23 PCB 23	13.82	1.185	206352	198717	1.04	YES	dd	25.000	0.0	100		1.240
24 PCB 26/29	13.98	1.199	500326	487601	1.03	YES	dd	50.000	0.0	100		1.513
25 PCB 25	14.09	0.845	282390	276158	1.02	YES	dd	25.000	0.0	100		1.710
26 PCB 31	14.25	0.855	283633	276147	1.03	YES	dd	25.000	0.0	100		1.714
27 PCB 28/20	14.42	0.865	507228	505030	1.00	YES	dd	50.000	0.0	100		1.550
28 PCB 21/33	14.52	0.871	543992	535233	1.02	YES	MM	50.000	0.0	100		1.652
29 PCB 22	14.76	0.885	222569	218733	1.02	YES	db	25.000	0.0	100		1.351
30 PCB 36	15.59	0.935	293133	286361	1.02	YES	dd	25.000	0.0	100		1.775
31 PCB 39	15.81	0.948	227136	222894	1.02	YES	dd	25.000	0.0	100		1.378
32 PCB 38	16.17	0.970	228352	219281	1.04	YES	MM	25.000	0.0	100		1.371
33 PCB 35	16.44	0.986	216300	214637	1.01	YES	MM	25.000	0.0	100		1.320
34 PCB 37	16.69	1.001	190346	187032	1.02	YES	db	24.924	-0.3	100	170	0.903
35 PCB 54	13.07	1.002	271180	347838	0.78	YES	bb	55.896	11.8	112	171	1.018
36 PCB 53/50	14.11	1.082	529260	676422	0.78	YES	bd	100.000	0.0	100		0.788
37 PCB 45/51	14.47	1.109	512340	658790	0.78	YES	dd	100.000	0.0	100		0.766
38 PCB 46	14.63	1.122	229668	289209	0.79	YES	db	50.000	-0.0	100		0.679
39 PCB 52	15.37	1.178	235116	310812	0.76	YES	MM	50.000	0.0	100		0.714
40 PCB 73	15.45	1.184	340077	439910	0.77	YES	MM	50.000	0.0	100		1.020
41 PCB 43	15.52	1.190	178425	229871	0.78	YES	MM	50.000	0.0	100		0.534
42 PCB 69/49	15.63	1.198	590950	752882	0.78	YES	dd	100.000	0.0	100		0.879
43 PCB 48	15.83	1.213	225054	293111	0.77	YES	dd	50.000	0.0	100		0.678
44 PCB 44/47/65	15.97	1.224	784802	1004618	0.78	YES	dd	150.000	0.0	100		0.780

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time

Printed: February 16, 2016 10:35:34 AM Eastern Standard Time

ID:

Date: 11-FEB-2016

Time: 00:34:32

Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45 PCB 59/62/75	16.15	1.238	979189	1259296	0.78	YES	dd	150.000	0.0	100		0.976
46 PCB 42	16.28	1.248	214844	271690	0.79	YES	dd	50.000	0.0	100		0.636
47 PCB 40/41/71	16.57	1.270	692837	890555	0.78	YES	dd	150.000	0.0	100		0.690
48 PCB 64	16.71	1.281	302682	382397	0.79	YES	db	50.000	0.0	100		0.896
49 PCB 72	17.19	0.804	358215	472833	0.76	YES	bd	50.000	0.0	100		1.087
50 PCB 68	17.39	0.813	353614	467702	0.76	YES	dd	50.000	-0.0	100		1.074
51 PCB 57	17.68	0.826	417400	558946	0.75	YES	dd	50.000	0.0	100		1.277
52 PCB 58	17.82	0.833	363141	489343	0.74	YES	dd	50.000	0.0	100		1.115
53 PCB 67	17.94	0.838	499040	658061	0.76	YES	dd	50.000	0.0	100		1.513
54 PCB 63	18.12	0.847	461691	604876	0.76	YES	dd	50.000	0.0	100		1.395
55 PCB 61/70/74/76	18.35	0.858	1613636	2115544	0.76	YES	dd	200.000	0.0	100		1.219
56 PCB 66	18.57	0.868	441765	609451	0.72	YES	dd	50.000	0.0	100		1.375
57 PCB 55	18.69	0.873	383456	506446	0.76	YES	MM	50.000	0.0	100		1.164
58 PCB 56	19.05	0.890	367515	490066	0.75	YES	dd	50.000	0.0	100		1.121
59 PCB 60	19.23	0.898	382651	500680	0.76	YES	dd	50.000	0.0	100		1.155
60 PCB 80	19.46	0.909	474853	629666	0.75	YES	ds	50.000	0.0	100		1.444
61 PCB 79	20.61	0.963	511862	679784	0.75	YES	db	50.000	0.0	100		1.558
62 PCB 78	21.06	0.984	430243	573337	0.75	YES	bs	50.000	0.0	100		1.312
63 PCB 81	21.42	1.001	441347	575699	0.77	YES	MM	57.778	15.6	116	172	1.187
64 PCB 77	21.88	1.002	378299	498574	0.76	YES	ds	49.098	-1.8	98	173	1.058
65 PCB 104	15.93	1.001	336694	209987	1.60	YES	bd	48.608	-2.8	97	174	1.064
66 PCB 96	16.15	1.015	368393	231497	1.59	YES	db	50.000	0.0	100		0.800
67 PCB 103	17.32	1.088	292481	185124	1.58	YES	bd	50.000	0.0	100		0.637
68 PCB 94	17.46	1.097	226441	140409	1.61	YES	dd	50.000	0.0	100		0.489
69 PCB 95	17.75	1.115	305721	188647	1.62	YES	dd	50.000	0.0	100		0.659
70 PCB 100/93/102/98	17.91	1.125	1108967	686325	1.62	YES	MM	200.000	-0.0	100		0.598
71 PCB 88/91	18.32	1.151	561765	349585	1.61	YES	dd	100.000	0.0	100		0.607
72 PCB 84	18.49	1.162	244239	153472	1.59	YES	dd	50.000	0.0	100		0.530
73 PCB 89	18.83	1.183	273959	172011	1.59	YES	dd	50.000	0.0	100		0.595
74 PCB 121	19.08	1.199	360619	229259	1.57	YES	dd	50.000	0.0	100		0.786
75 PCB 92	19.35	1.216	292511	181387	1.61	YES	db	50.000	0.0	100		0.632
76 PCB 113/90/101	19.78	1.243	1016343	636311	1.60	YES	MM	150.000	0.0	100		0.734
77 PCB 83/99	20.22	1.271	560052	350511	1.60	YES	MM	100.000	0.0	100		0.607
78 PCB 112	20.33	1.277	377697	233737	1.62	YES	MM	50.000	0.0	100		0.815
79 PCB 109/119/86/97/...	20.61	1.295	2003001	1259975	1.59	YES	MM	300.000	0.0	100		0.725
80 PCB 117/116/85	21.20	1.332	1037223	654070	1.59	YES	MM	150.000	0.0	100		0.752
81 PCB 110/115	21.38	1.343	679202	422416	1.61	YES	dd	100.000	0.0	100		0.734
82 PCB 82	21.58	1.356	256720	159957	1.60	YES	dd	50.000	0.0	100		0.555
83 PCB 111	21.86	1.374	372727	231490	1.61	YES	dd	50.000	0.0	100		0.806
84 PCB 120	22.24	1.397	429569	266199	1.61	YES	dd	50.000	0.0	100		0.928
85 PCB 108/124	23.20	0.988	1082552	691842	1.56	YES	dd	100.000	0.0	100		1.183
86 PCB 107	23.41	0.997	548094	352780	1.55	YES	MM	50.000	-0.0	100		1.201
87 PCB 123	23.50	1.001	527116	333789	1.58	YES	MM	57.022	14.0	114	175	1.020
88 PCB 106	23.62	1.006	604962	384194	1.57	YES	dd	50.000	0.0	100		1.319
89 PCB 118	23.78	1.001	508097	322140	1.58	YES	dd	51.316	2.6	103	176	1.007
90 PCB 122	24.09	1.013	514956	327884	1.57	YES	dd	50.000	0.0	100		1.124
91 PCB 114	24.27	1.001	527948	336483	1.57	YES	dd	55.464	10.9	111	177	1.121
92 PCB 105	24.84	1.001	579937	369411	1.57	YES	ds	60.975	22.0	122	178	1.191

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Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

# Name	RT	RRT	Area	Sec Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93 PCB 127	26.17	0.945	571279	359981	1.59	YES	dd	50.000	-0.0	100		1.241
94 PCB 126	27.70	1.001	495849	314027	1.58	YES	bd	54.252	8.5	109	179	1.060
95 PCB 155	19.62	1.001	293473	226399	1.30	YES	bd	52.441	4.9	105	180	1.045
96 PCB 152	19.80	1.010	325676	254299	1.28	YES	dd	50.000	0.0	100		0.840
97 PCB 150	19.90	1.015	266820	203089	1.31	YES	dd	50.000	0.0	100		0.681
98 PCB 136	20.17	1.029	303402	232266	1.31	YES	dd	50.000	0.0	100		0.776
99 PCB 145	20.40	1.041	261645	203215	1.29	YES	db	50.000	0.0	100		0.674
100 PCB 148	21.54	1.099	222415	172650	1.29	YES	bb	50.000	0.0	100		0.572
101 PCB 151/135	22.04	1.125	405035	315855	1.28	YES	bd	100.000	0.0	100		0.522
102 PCB 154	22.24	1.135	246729	191678	1.29	YES	dd	50.000	0.0	100		0.635
103 PCB 144	22.50	1.148	218037	167531	1.30	YES	db	50.000	0.0	100		0.559
104 PCB 147/149	22.80	1.164	546997	417717	1.31	YES	MM	100.000	0.0	100		0.699
105 PCB 134/143	23.04	1.175	521168	397368	1.31	YES	MM	100.000	-0.0	100		0.665
106 PCB 139/140	23.30	1.189	590562	451253	1.31	YES	bd	100.000	0.0	100		0.755
107 PCB 131	23.48	1.198	246688	188197	1.31	YES	dd	50.000	0.0	100		0.630
108 PCB 142	23.64	1.206	262080	203372	1.29	YES	dd	50.000	0.0	100		0.674
109 PCB 132	23.87	1.218	240779	183705	1.31	YES	db	50.000	0.0	100		0.615
110 PCB 133	24.30	1.240	287669	220861	1.30	YES	bd	50.000	0.0	100		0.737
111 PCB 165	24.66	0.836	332716	254341	1.31	YES	dd	50.000	0.0	100		0.851
112 PCB 146	24.87	0.843	327169	232637	1.41	YES	dd	50.000	0.0	100		0.811
113 PCB 161	25.00	0.847	396187	324954	1.22	YES	dd	50.000	0.0	100		1.045
114 PCB 153/168	25.46	0.863	727389	564027	1.29	YES	dd	100.000	0.0	100		0.936
115 PCB 141	25.62	0.868	291153	224572	1.30	YES	ds	50.000	0.0	100		0.747
116 PCB 130	25.99	0.881	259792	200252	1.30	YES	dd	50.000	0.0	100		0.667
117 PCB 137	26.21	0.888	247905	192034	1.29	YES	MM	50.000	0.0	100		0.637
118 PCB 164	26.30	0.891	401256	306014	1.31	YES	MM	50.000	0.0	100		1.025
119 PCB 138/163/129	26.62	0.902	884538	687862	1.29	YES	dd	150.000	0.0	100		0.759
120 PCB 160	26.78	0.907	346262	264554	1.31	YES	dd	50.000	0.0	100		0.885
121 PCB 158	26.97	0.914	419855	319446	1.31	YES	db	50.000	0.0	100		1.071
122 PCB 128/166	27.79	0.942	641105	491686	1.30	YES	dd	100.000	0.0	100		0.821
123 PCB 159	28.77	0.975	501658	392711	1.28	YES	MM	50.000	-0.0	100		1.296
124 PCB 162	29.04	0.984	468044	367442	1.27	YES	MM	50.000	0.0	100		1.211
125 PCB 167	29.52	1.001	511452	411975	1.24	YES	bd	60.189	20.4	120	181	1.139
126 PCB 156/157	30.71	1.001	910252	728164	1.25	YES	MM	110.748	10.7	111	182	1.126
127 PCB 169	34.11	1.001	411962	314896	1.31	YES	bb	52.526	5.1	105	183	1.003
128 PCB 188	24.23	1.001	255022	239463	1.06	YES	bd	51.206	2.4	102	184	1.036
129 PCB 179	24.53	1.014	274623	258146	1.06	YES	dd	50.000	0.0	100		1.115
130 PCB 184	25.00	1.033	257826	242321	1.06	YES	dd	50.000	0.0	100		1.047
131 PCB 176	25.32	1.046	273281	254545	1.07	YES	dd	50.000	0.0	100		1.105
132 PCB 186	25.74	1.064	233537	221737	1.05	YES	db	50.000	0.0	100		0.953
133 PCB 178	27.01	1.116	187958	176583	1.06	YES	bb	50.000	0.0	100		0.763
134 PCB 175	27.61	1.141	189911	178446	1.06	YES	bd	50.000	0.0	100		0.771
135 PCB 187	27.88	1.152	188372	176273	1.07	YES	dd	50.000	0.0	100		0.763
136 PCB 182	28.08	1.161	192761	178047	1.08	YES	db	50.000	0.0	100		0.776
137 PCB 183	28.49	0.887	313454	292171	1.07	YES	MM	50.000	0.0	100		1.268
138 PCB 185	28.58	0.890	239317	219246	1.09	YES	MM	50.000	0.0	100		0.960
139 PCB 174	28.72	0.895	277689	247601	1.12	YES	MM	50.000	0.0	100		1.100
140 PCB 177	29.15	0.908	262513	245469	1.07	YES	bd	50.000	0.0	100		1.063

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Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
141 PCB 181	29.56	0.921	244918	226731	1.08	YES	dd	50.000	0.0	100		0.987
142 PCB 171/173	29.78	0.928	520598	481917	1.08	YES	dd	100.000	0.0	100		1.049
143 PCB 172	31.44	0.979	252696	232353	1.09	YES	dd	50.000	0.0	100		1.015
144 PCB 192	31.74	0.989	285300	268317	1.06	YES	dd	50.000	0.0	100		1.159
145 PCB 193/180	32.08	0.999	618719	574616	1.08	YES	dd	100.000	0.0	100	185	1.422
146 PCB 191	32.50	1.012	348071	321449	1.08	YES	db	50.000	0.0	100		1.401
147 PCB 170	33.44	1.001	240567	224438	1.07	YES	bd	50.959	1.9	102	186	1.295
148 PCB 190	34.02	1.018	332560	311108	1.07	YES	ds	50.000	0.0	100		1.347
149 PCB 189	36.85	1.001	317979	314145	1.01	YES	dd	51.119	2.2	102	187	0.965
150 PCB 202	29.26	1.001	301117	335383	0.90	YES	bb	75.522	0.7	101	188	0.994
151 PCB 201	30.20	1.033	352140	395333	0.89	YES	bb	75.000	0.0	100		1.111
152 PCB 204	30.88	1.056	347061	384489	0.90	YES	bd	75.000	0.0	100		1.087
153 PCB 197	31.12	1.064	299243	336984	0.89	YES	dd	75.000	0.0	100		0.945
154 PCB 200	31.22	1.068	365375	407455	0.90	YES	db	75.000	0.0	100		1.148
155 PCB 198/199	34.18	1.169	440998	490641	0.90	YES	bb	150.000	0.0	100		0.692
156 PCB 196	34.91	0.879	227318	252188	0.90	YES	bd	75.000	0.0	100		0.713
157 PCB 203	35.13	0.884	224560	247992	0.91	YES	db	75.000	0.0	100		0.702
158 PCB 195	36.58	0.921	310055	348557	0.89	YES	db	75.000	0.0	100		0.979
159 PCB 194	39.21	0.987	327949	366709	0.89	YES	bd	75.000	0.0	100		1.032
160 PCB 205	39.74	1.001	353260	398678	0.89	YES	db	73.255	-2.3	98	189	1.065
161 PCB 208	36.30	1.001	237588	303054	0.78	YES	bb	76.828	2.4	102	190	1.048
162 PCB 207	37.33	1.029	248544	316267	0.79	YES	bb	75.000	0.0	100		1.327
163 PCB 206	41.71	1.001	146970	190875	0.77	YES	bb	73.584	-1.9	98	191	1.007
164 PCB 209	43.57	1.001	197535	165338	1.19	YES	bb	81.187	8.2	108	192	1.126
165 PCB 1L	8.98	0.803	1053785	323312	3.26	YES	bs	100.264	0.3	100	199	0.826
166 PCB 3L	10.17	0.910	1037867	326591	3.18	YES	bb	96.013	-4.0	96	199	0.818
167 PCB 4L	10.29	0.920	551166	349578	1.58	YES	bb	99.562	-0.4	100	199	0.540
168 PCB 15L	12.92	1.155	1195736	750073	1.59	YES	bs	108.631	8.6	109	199	1.167
169 PCB 19L	11.67	1.043	480885	459413	1.05	YES	bb	97.534	-2.5	98	199	0.564
170 PCB 37L	16.67	1.086	854339	817796	1.04	YES	bb	88.120	-11.9	88	200	1.751
171 PCB 54L	13.05	0.850	535286	680927	0.79	YES	bb	98.145	-1.9	98	200	1.273
172 PCB 81L	21.40	1.394	758780	955258	0.79	YES	bd	103.254	3.3	103	200	1.794
173 PCB 77L	21.84	1.423	736242	921653	0.80	YES	db	103.493	3.5	103	200	1.736
174 PCB 104L	15.92	0.805	630768	396936	1.59	YES	bb	104.229	4.2	104	201	1.205
175 PCB 123L	23.48	1.188	1042898	645017	1.62	YES	bd	102.195	2.2	102	201	1.978
176 PCB 118L	23.77	1.203	1009641	638761	1.58	YES	dd	101.377	1.4	101	201	1.932
177 PCB 114L	24.25	1.227	948065	594644	1.59	YES	db	101.992	2.0	102	201	1.808
178 PCB 105L	24.82	1.256	980760	613622	1.60	YES	bb	102.541	2.5	103	201	1.869
179 PCB 126L	27.69	1.401	949312	579229	1.64	YES	bs	103.231	3.2	103	201	1.792
180 PCB 155L	19.60	0.738	559461	435281	1.29	YES	bb	89.077	-10.9	89	202	1.250
181 PCB 167L	29.51	1.111	905608	716407	1.26	YES	db	96.623	-3.4	97	202	2.039
182 PCB 156L/157L	30.67	1.155	1628216	1280918	1.27	YES	bb	190.341	-4.8	95	202	1.828
183 PCB 169L	34.07	1.283	812179	637686	1.27	YES	bs	96.606	-3.4	97	202	1.822
184 PCB 188L	24.19	0.911	493070	461223	1.07	YES	bd	90.221	-9.8	90	202	1.199
185 PCB 180L	32.10	0.820	435155	404218	1.08	YES	bb	97.615	-2.4	98	203	1.316
186 PCB 170L	33.43	0.853	372370	345602	1.08	YES	bb	95.413	-4.6	95	203	1.126
187 PCB 189L	36.83	0.940	676989	633295	1.07	YES	bb	95.256	-4.7	95	203	2.055
188 PCB 202L	29.24	0.746	407658	445749	0.91	YES	bb	94.291	-5.7	94	203	1.338

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Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
189	PCB 205L	39.72	1.014	451960	489268	0.92	YES	db	96.397	-3.6	96	203	1.476
190	PCB 208L	36.28	0.926	303287	384291	0.79	YES	bb	94.639	-5.4	95	203	1.078
191	PCB 206L	41.69	1.064	199980	247252	0.81	YES	bb	92.344	-7.7	92	203	0.701
192	PCB 209L	43.55	1.112	237058	192767	1.23	YES	bb	93.066	-6.9	93	203	0.674
193	PCB 28L	14.40	0.938	1076550	1042269	1.03	YES	ds	108.772	8.8	109	200	2.218
194	PCB 111L	21.83	1.105	716538	449116	1.60	YES	bb	101.726	1.7	102	201	1.366
195	PCB 178L	26.99	1.016	295622	276433	1.07	YES	bb	98.097	-1.9	98	202	0.719
196	PCB 31L	14.24	0.927	1033628	992294	1.04	YES	bd	109.646	9.6	110	200	2.121
197	PCB 95L	17.73	0.897	486526	302076	1.61	YES	bb	97.686	-2.3	98	201	0.924
198	PCB 153L	25.41	0.956	544619	418209	1.30	YES	bb	98.774	-1.2	99	202	1.210
199	PCB 9L	11.18	0.000	1022405	644863	1.59	YES	bb	100.000	-0.0	100	0	16672...
200	PCB 52L	15.36	0.000	418812	536398	0.78	YES	bb	100.000	0.0	100	0	9552....
201	PCB 101L	19.76	0.000	527125	326077	1.62	YES	bb	100.000	0.0	100	0	8532....
202	PCB 138L	26.56	0.000	450059	345599	1.30	YES	bb	100.000	0.0	100	0	7956....
203	PCB 194L	39.17	0.000	308567	329064	0.94	YES	bd	100.000	0.0	100	0	6376....
204	Total MoCB F1								78.601			165	
205	Total MoCB labeled ...								196.277			199	
206	Total DiCB F1								51.795			167	
207	Total DiCB labeled F1								99.562			199	
208	Total DiCB F2								253.848			168	
209	Total DiCB labeled F2								208.631			199	
210	Total TriCB F2								201.559			169	
211	Total TriCB labeled F2								97.534			199	
212	Total TriCB F3								404.647			170	
213	Total TriCB labeled F3								307.789			200	
214	Total TeCB F2								55.896			171	
215	Total TeCB labeled F2								98.145			200	
216	Total TeCB F3								1100....			171	
217	Total TeCB labeled F3								100.000			200	
218	Total TeCB F4								967.213			172	
219	Total TeCB labeled F4								209.743			200	
220	Total PeCB F3								98.608			174	
221	Total PeCB labeled F3								104.229			201	
222	Total PeCB F4								1656....			175	
223	Total PeCB labeled F4								299.412			201	
224	Total PeCB F5								590.351			175	
225	Total PeCB labeled F5								512.447			201	
226	Total HxCB F4								502.441			180	
227	Total HxCB labeled F4								89.582			202	
228	Total HxCB F5								1303....			181	
229	Total HxCB labeled F5								198.774			202	
230	Total HxCB F6								334.767			181	
231	Total HxCB labeled F6								387.190			202	
232	Total HpCB F5								451.206			184	
233	Total HpCB labeled ...								189.402			203	
234	Total HpCB F6								715.869			185	
235	Total HpCB labeled ...								193.528			203	
236	Total HpCB F7								71.799			187	

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Instrument: Autospec-UltimaE

Description: 209MIX_PCB 150822CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
237	Total HpCB labeled ...									108.346			203	
238	Total OcCB F6									675.522			188	
239	Total OcCB labeled ...									94.291			203	
240	Total OcCB F7									236.395			189	
241	Total OcCB labeled ...									196.402			203	
242	Total NoCB F7									226.061			190	
243	Total NoCB labeled ...									188.282			203	
244	Total DeCB F7									81.187			192	
245	Total DeCB labeled ...									93.066			203	
246	lockmass F1												0	
247	lockmass F2												0	
248	lockmass F3												0	
249	lockmass F4												0	
250	lockmass F5												0	
251	lockmass F6												0	
252	lockmass F7												0	

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

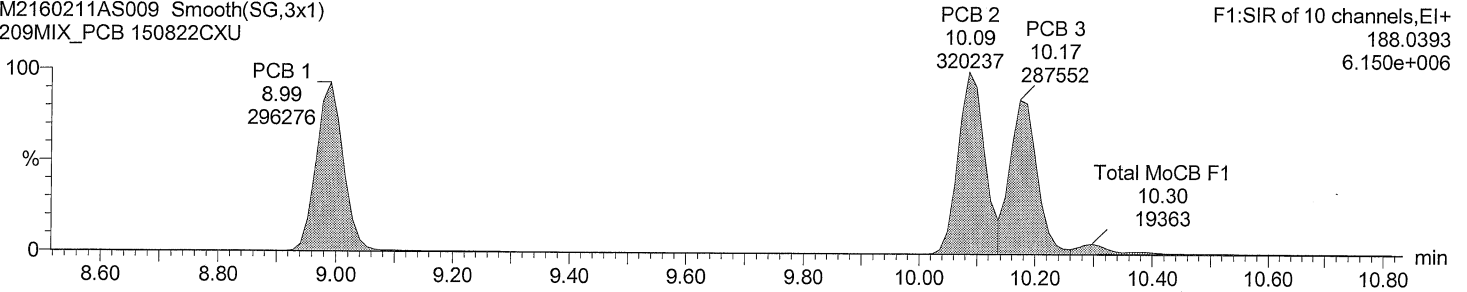
Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time
Printed: February 16, 2016 10:35:26 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668_M2160211A.mdb 16 Feb 2016 10:09:59
Calibration: 16 Feb 2016 10:34:51

Description: 209MIX_PCB 150822CXU
Vial: 9
Date: 11-FEB-2016
Time: 00:34:32
Instrument: Autospec-UltimaE

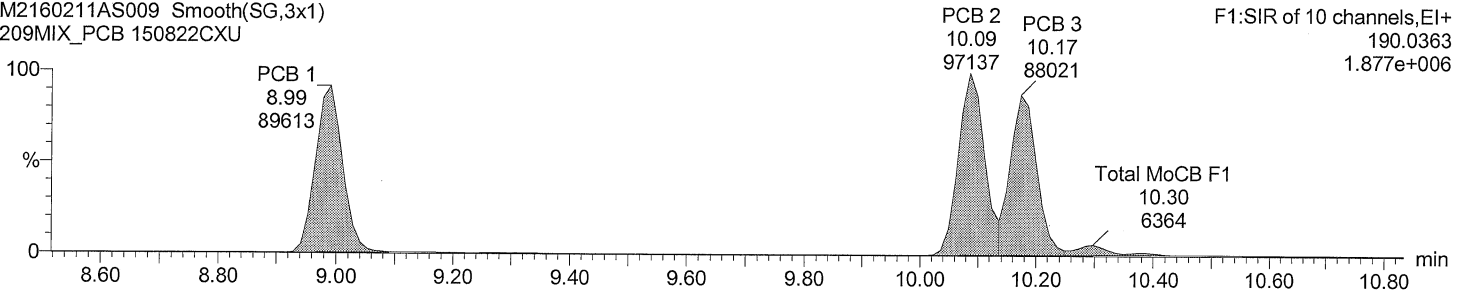
Total MoCB F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



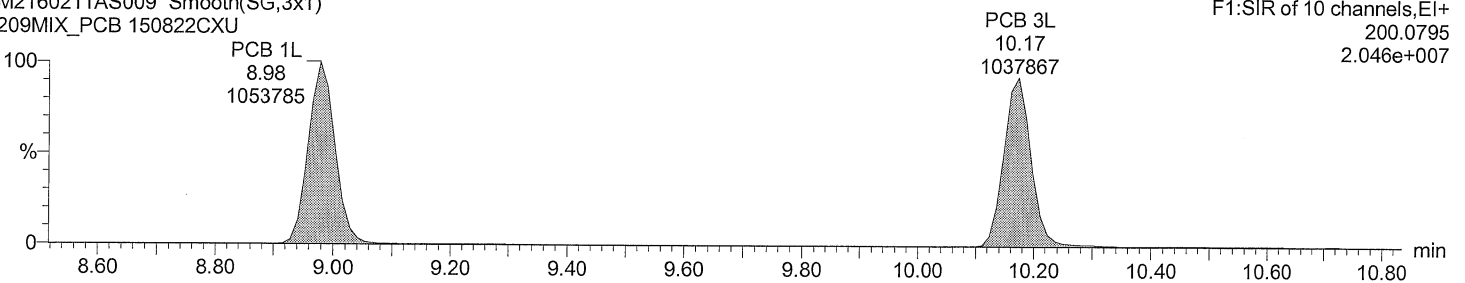
Total MoCB F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



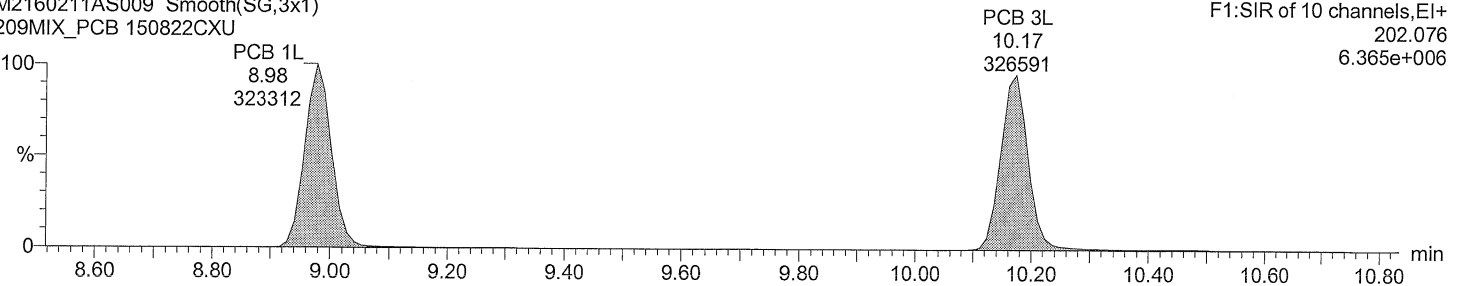
Total MoCB labeled F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total MoCB labeled F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



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Description: 209MIX_PCB 150822CXU

Vial: 9

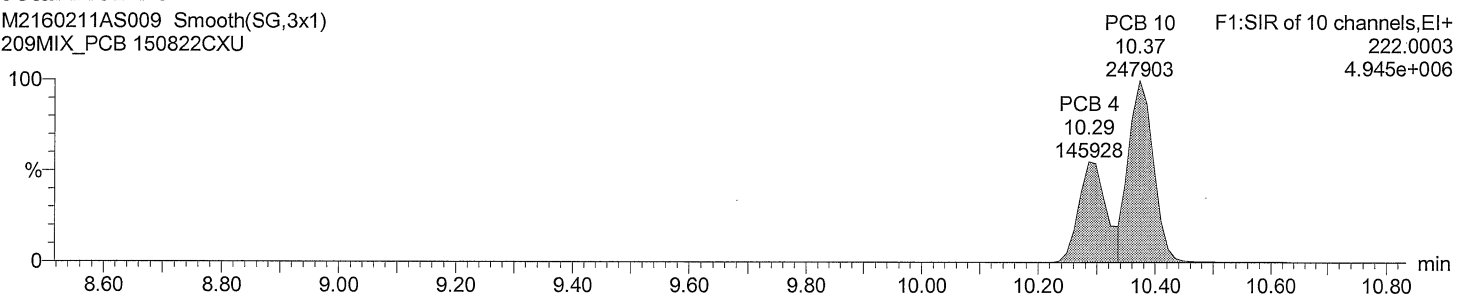
Date: 11-FEB-2016

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Instrument: Autospec-UltimaE

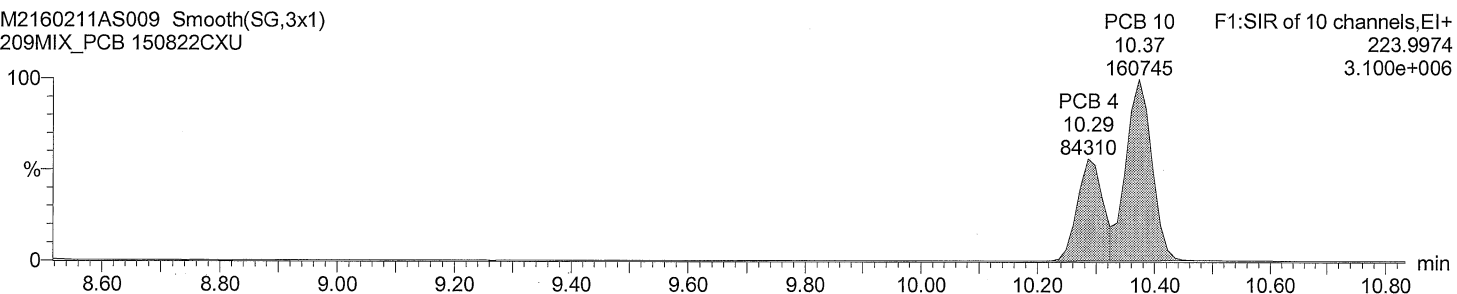
Total DiCB F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



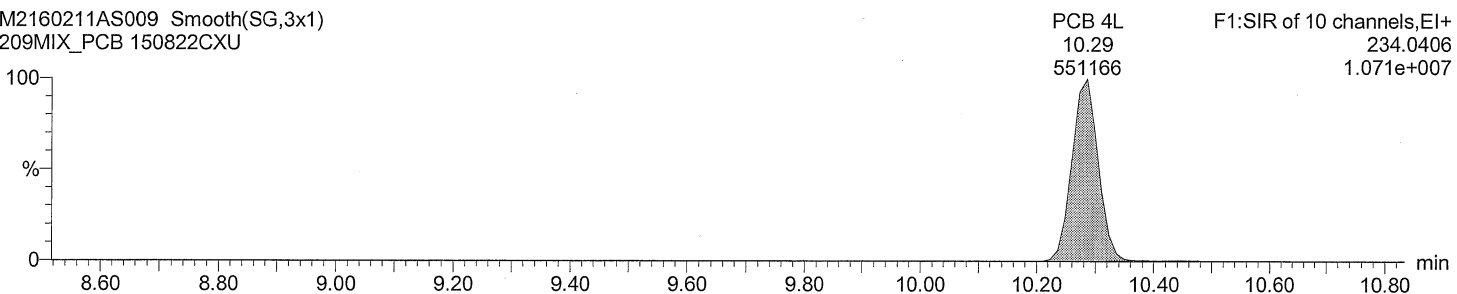
Total DiCB F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



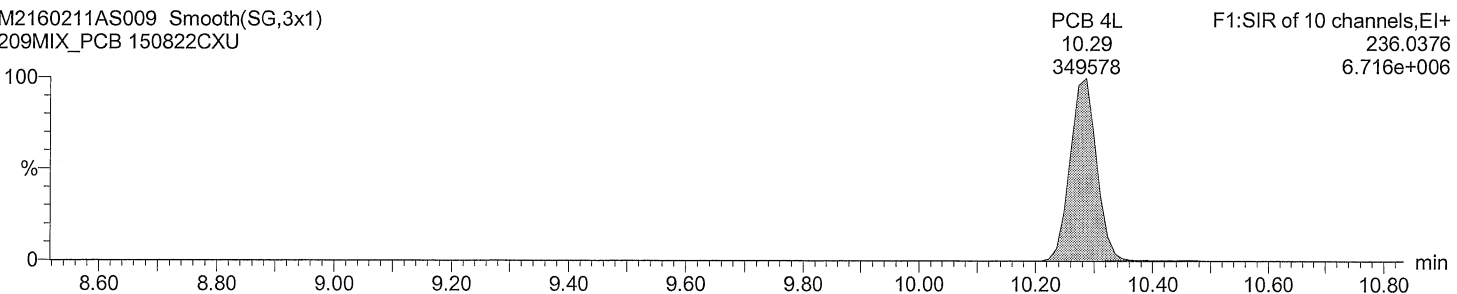
Total DiCB labeled F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total DiCB labeled F1

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time
Printed: February 16, 2016 10:35:26 AM Eastern Standard Time

Description: 209MIX_PCB 150822CXU

Vial: 9

Date: 11-FEB-2016

Time: 00:34:32

Instrument: Autospec-UltimaE

Total DiCB F2

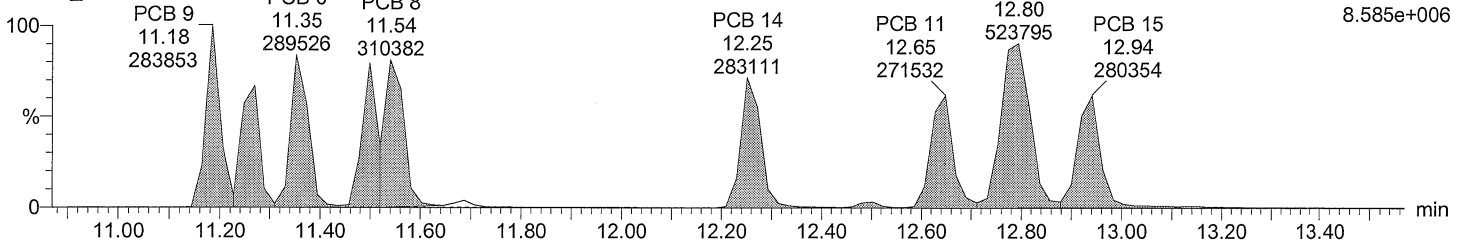
M2160211AS009

209MIX_PCB 150822CXU

F2:SIR of 16 channels,EI+

222.0003

8.585e+006



Total DiCB F2

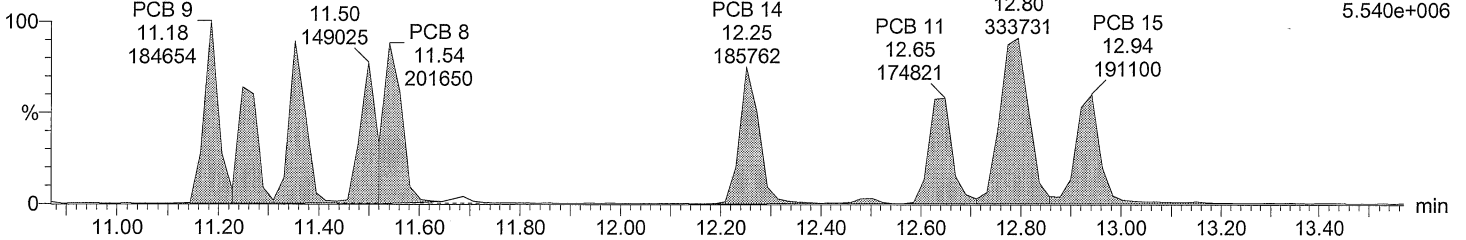
M2160211AS009

209MIX_PCB 150822CXU

F2:SIR of 16 channels,EI+

223.9974

5.540e+006



Total DiCB labeled F2

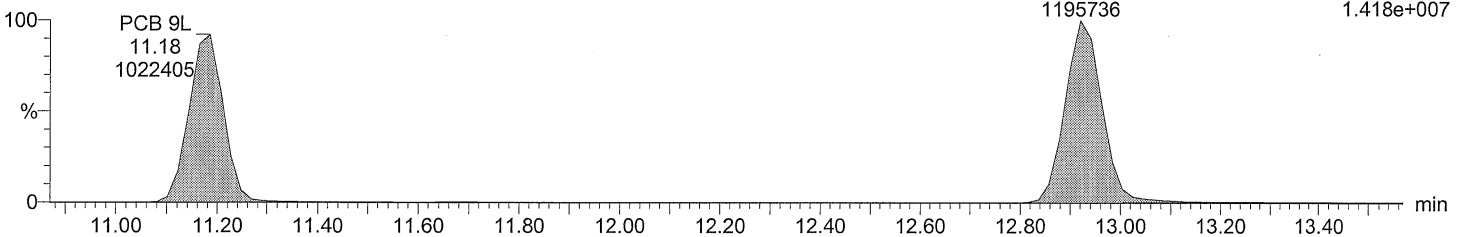
M2160211AS009 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F2:SIR of 16 channels,EI+

234.0406

1.418e+007



Total DiCB labeled F2

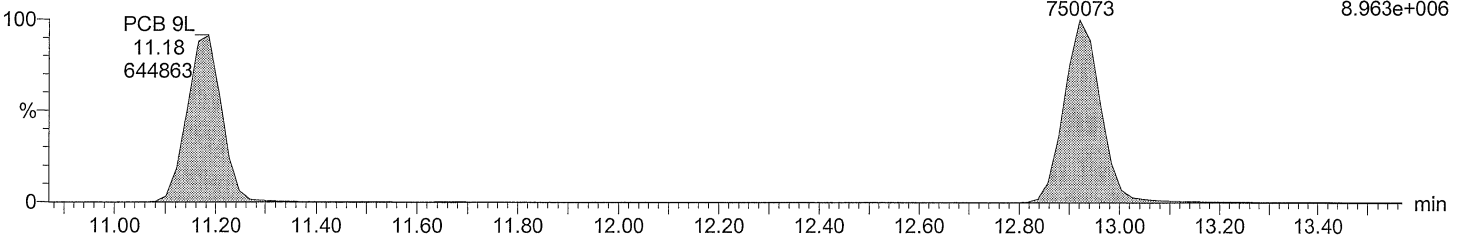
M2160211AS009 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F2:SIR of 16 channels,EI+

236.0376

8.963e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time

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Description: 209MIX_PCB 150822CXU

Vial: 9

Date: 11-FEB-2016

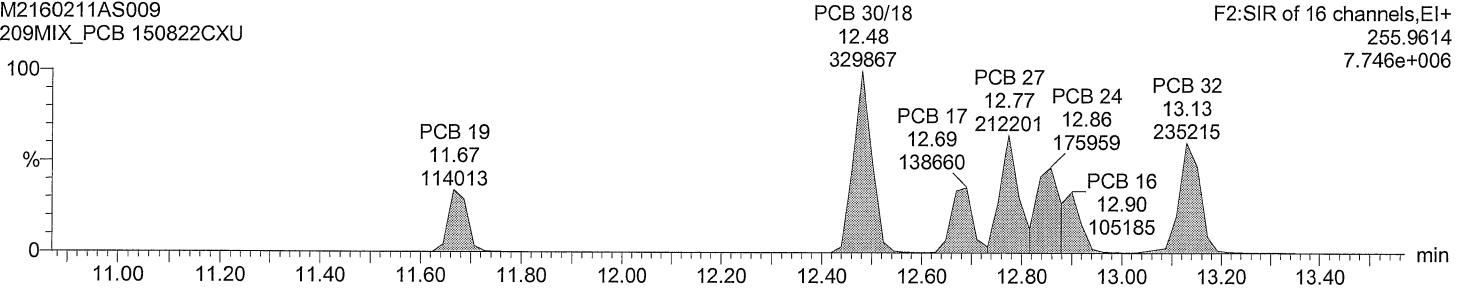
Time: 00:34:32

Instrument: Autospec-UltimaE

Total TriCB F2

M2160211AS009
209MIX_PCB 150822CXU

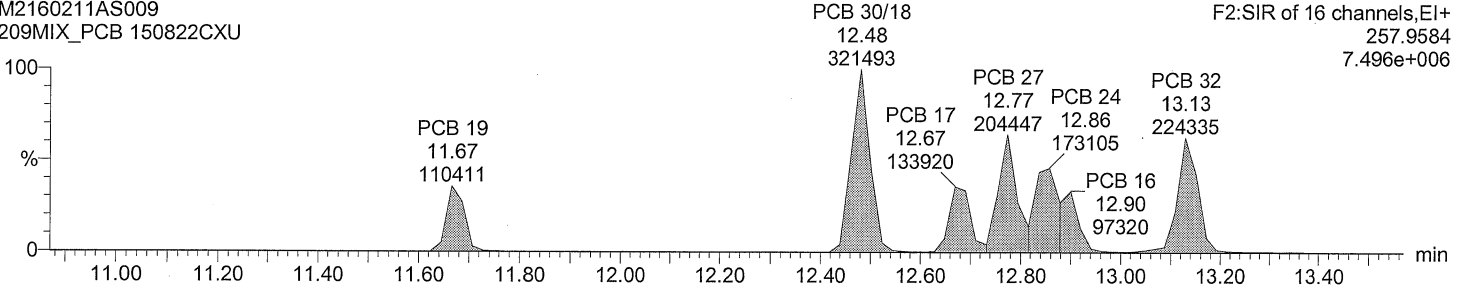
F2:SIR of 16 channels,EI+
255.9614
7.746e+006



Total TriCB F2

M2160211AS009
209MIX_PCB 150822CXU

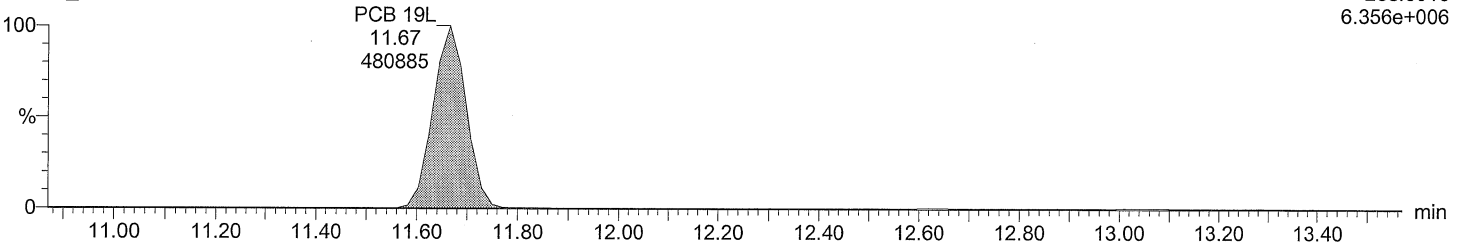
F2:SIR of 16 channels,EI+
257.9584
7.496e+006



Total TriCB labeled F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

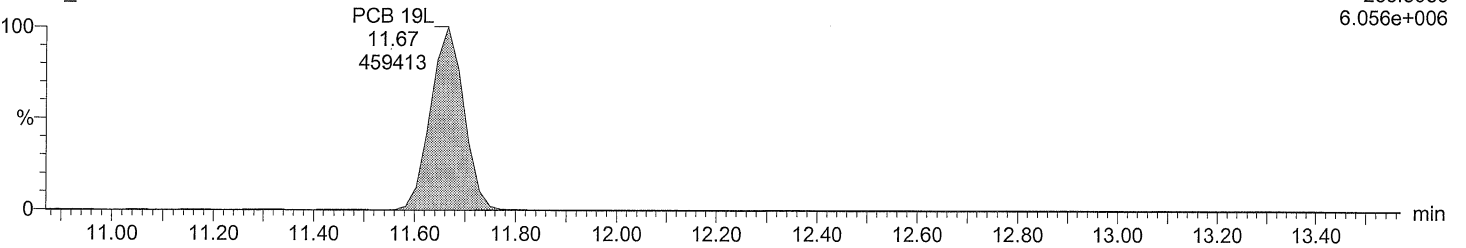
F2:SIR of 16 channels,EI+
268.0016
6.356e+006



Total TriCB labeled F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F2:SIR of 16 channels,EI+
269.9986
6.056e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

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Description: 209MIX_PCB 150822CXU

Vial: 9

Date: 11-FEB-2016

Time: 00:34:32

Instrument: Autospec-UltimaE

Total TriCB F3

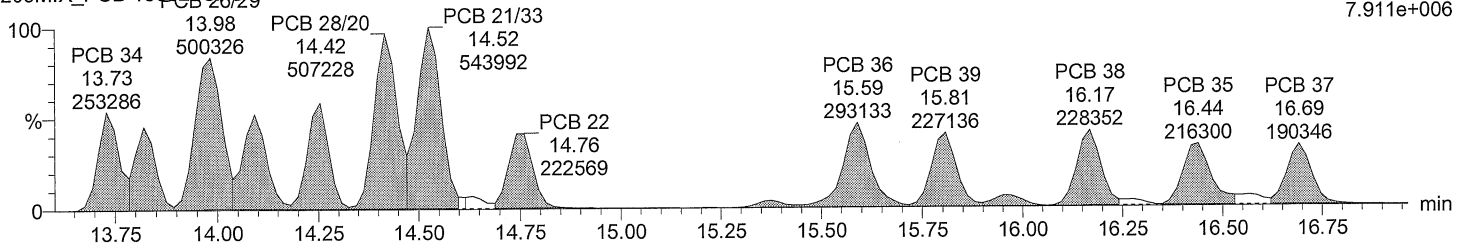
M2160211AS009 Smooth(SG,1x1)

209MIX_PCB 150822CXU

F3:SIR of 14 channels,EI+

255.9614

7.911e+006



Total TriCB F3

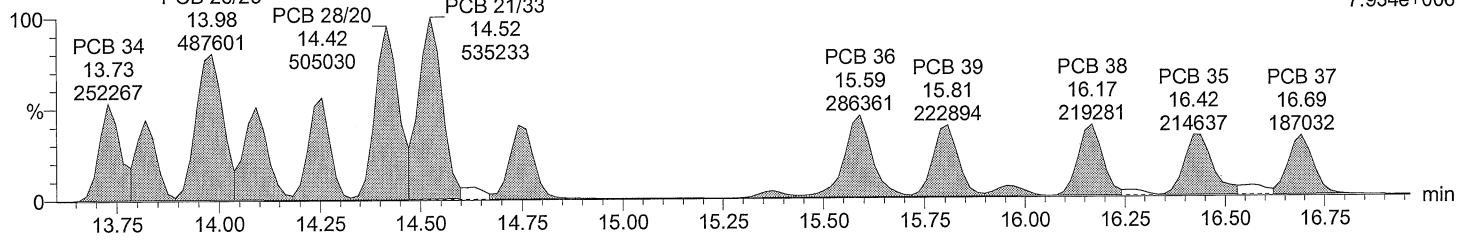
M2160211AS009 Smooth(SG,1x1)

209MIX_PCB 150822CXU

F3:SIR of 14 channels,EI+

257.9584

7.934e+006



Total TriCB labeled F3

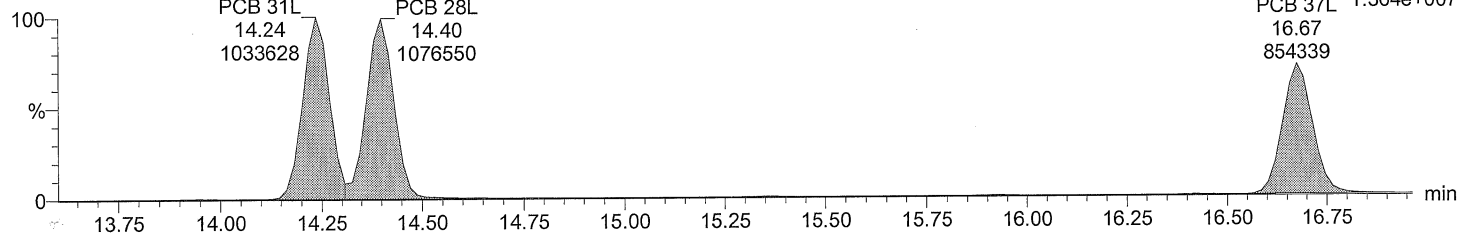
M2160211AS009 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F3:SIR of 14 channels,EI+

268.0016

1.364e+007



Total TriCB labeled F3

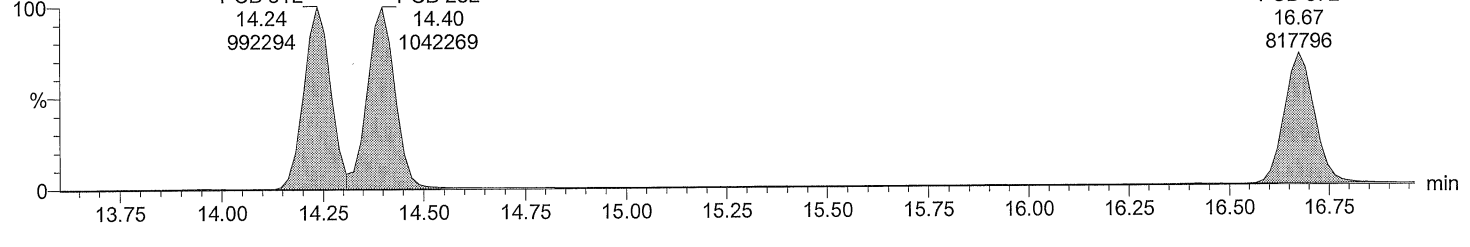
M2160211AS009 Smooth(SG,3x1)

209MIX_PCB 150822CXU

F3:SIR of 14 channels,EI+

269.9986

1.311e+007



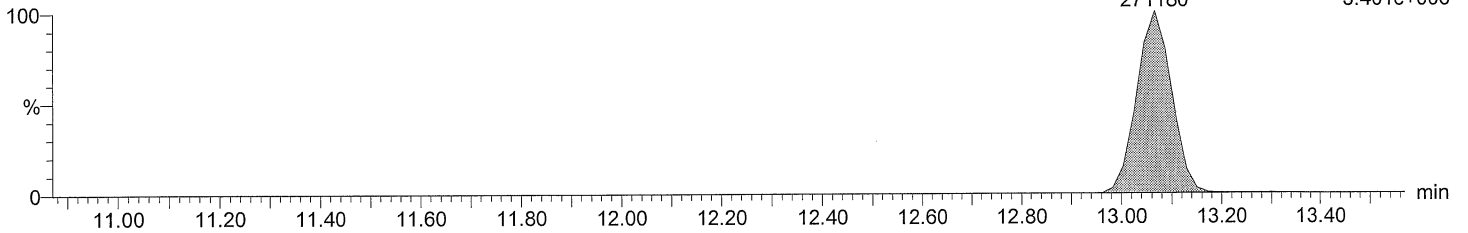
Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld
Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time
Printed: February 16, 2016 10:35:26 AM Eastern Standard Time

Description: 209MIX_PCB 150822CXU
Vial: 9
Date: 11-FEB-2016
Time: 00:34:32
Instrument: Autospec-UltimaE

Total TeCB F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

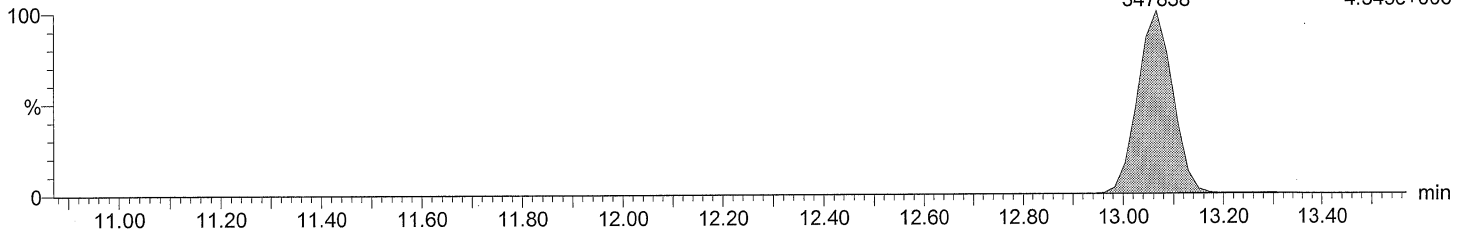
PCB 54 F2:SIR of 16 channels,EI+
13.07 289.9224
271180 3.401e+006



Total TeCB F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

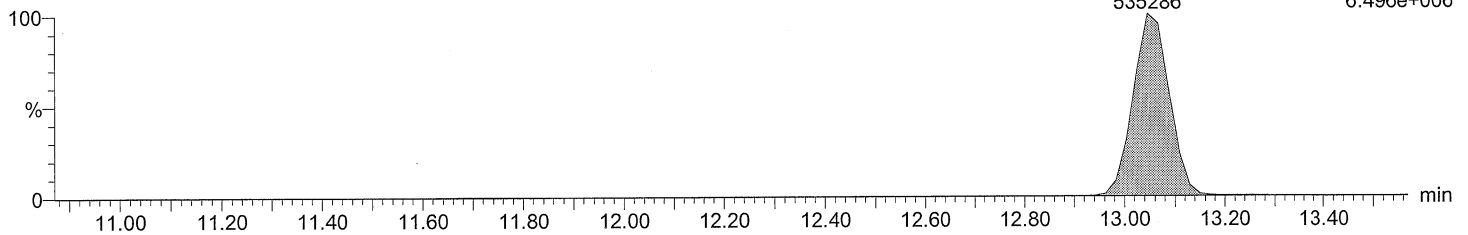
PCB 54 F2:SIR of 16 channels,EI+
13.07 291.9194
347838 4.349e+006



Total TeCB labeled F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

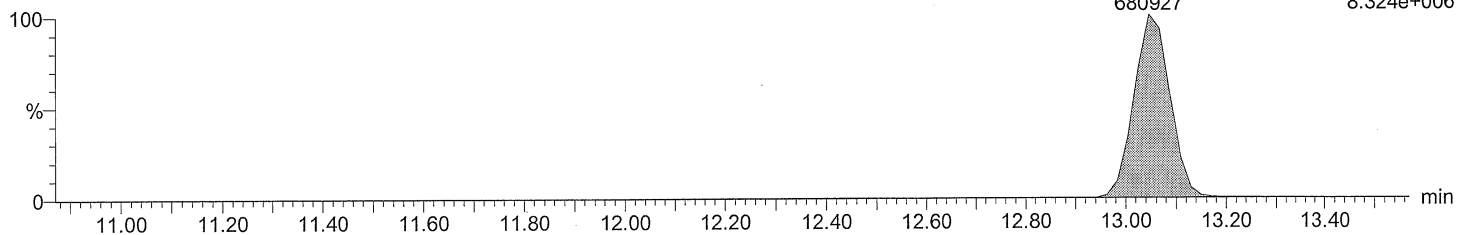
PCB 54L F2:SIR of 16 channels,EI+
13.05 301.9626
535286 6.496e+006



Total TeCB labeled F2

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

PCB 54L F2:SIR of 16 channels,EI+
13.05 303.9597
680927 8.324e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time

Printed: February 16, 2016 10:35:26 AM Eastern Standard Time

Description: 209MIX_PCB 150822CXU

Vial: 9

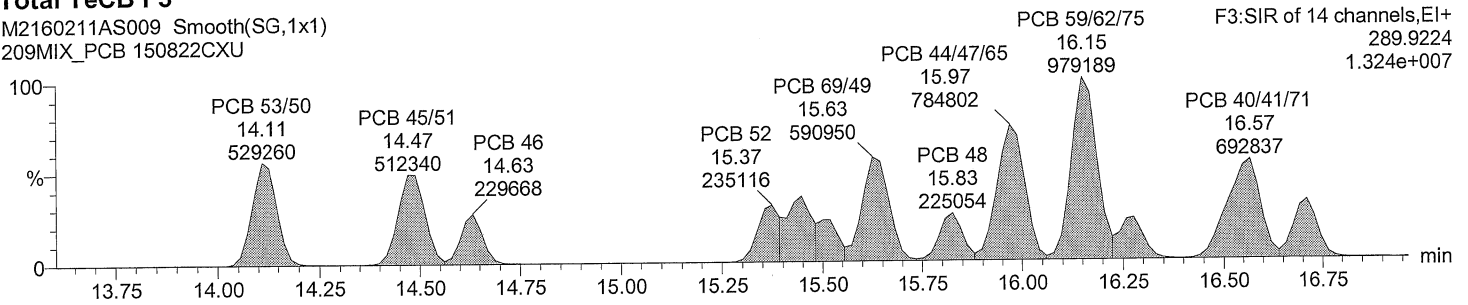
Date: 11-FEB-2016

Time: 00:34:32

Instrument: Autospec-UltimaE

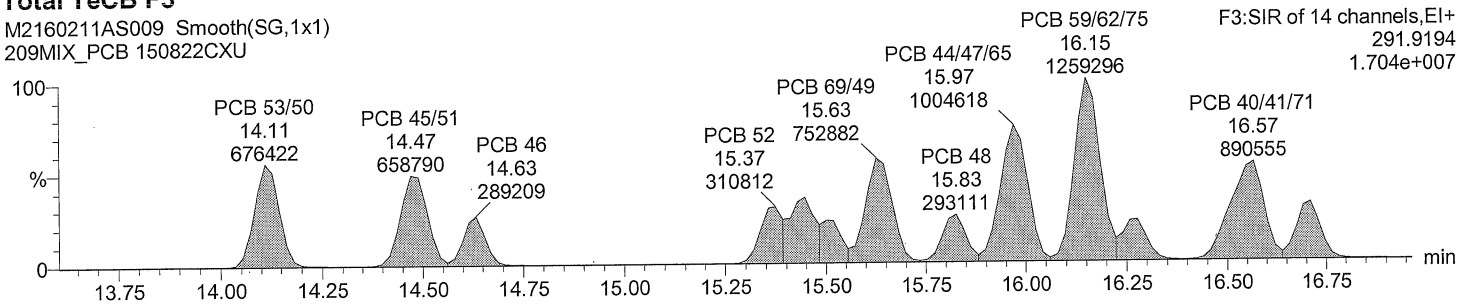
Total TeCB F3

M2160211AS009 Smooth(SG,1x1)
209MIX_PCB 150822CXU



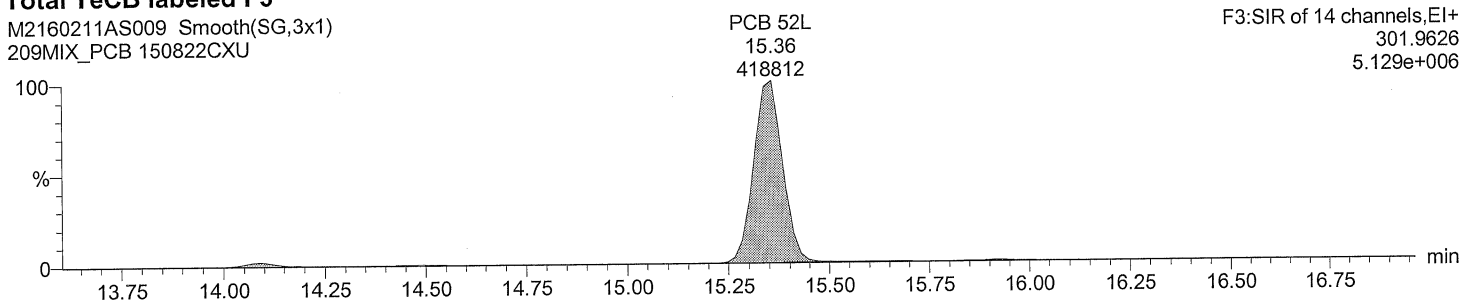
Total TeCB F3

M2160211AS009 Smooth(SG,1x1)
209MIX_PCB 150822CXU



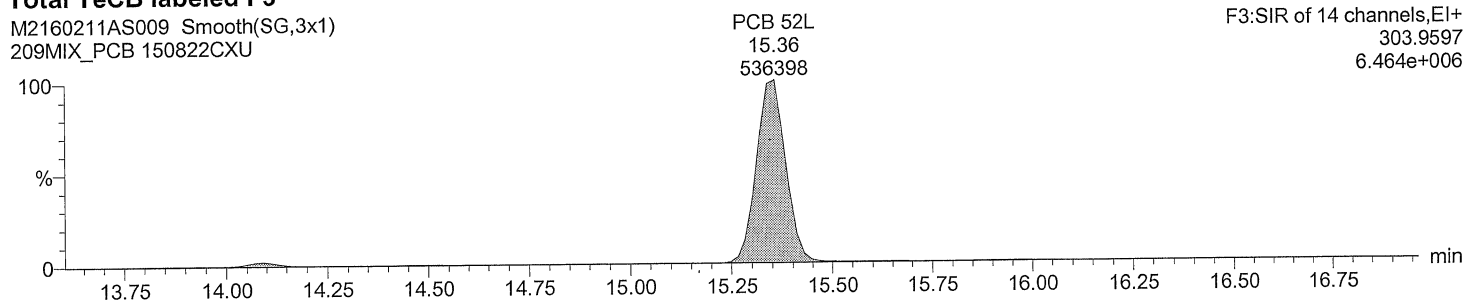
Total TeCB labeled F3

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Total TeCB labeled F3

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160211A_209MIX_Test.qld

Last Altered: February 16, 2016 10:34:51 AM Eastern Standard Time

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Description: 209MIX_PCB 150822CXU

Vial: 9

Date: 11-FEB-2016

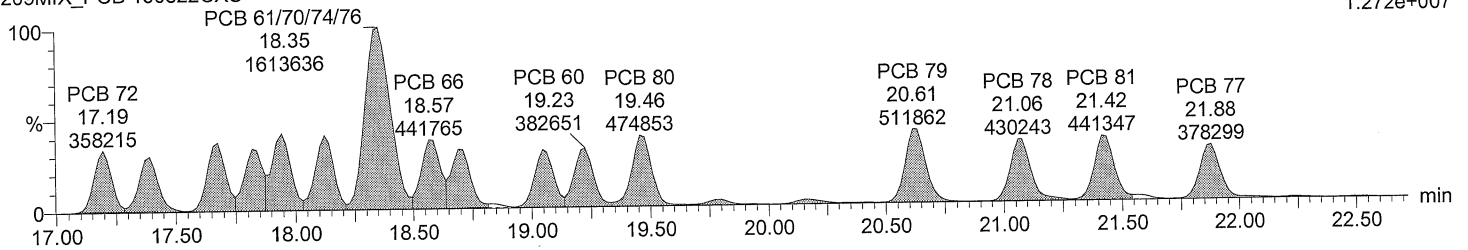
Time: 00:34:32

Instrument: Autospec-UltimaE

Total TeCB F4

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

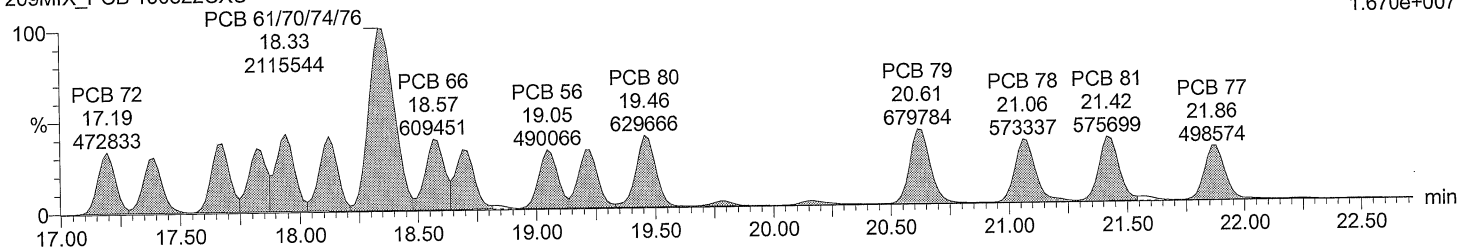
F4:SIR of 14 channels,EI+
289.9224
1.272e+007



Total TeCB F4

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

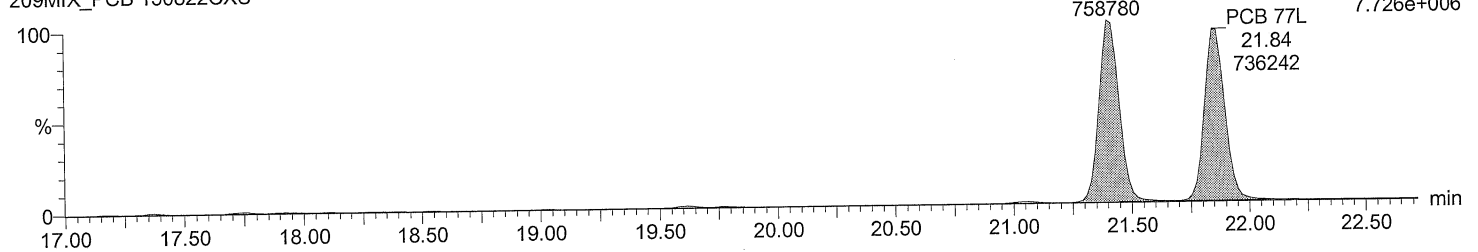
F4:SIR of 14 channels,EI+
291.9194
1.670e+007



Total TeCB labeled F4

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F4:SIR of 14 channels,EI+
301.9626
7.726e+006



Total TeCB labeled F4

M2160211AS009 Smooth(SG,3x1)
209MIX_PCB 150822CXU

F4:SIR of 14 channels,EI+
303.9597
9.797e+006

