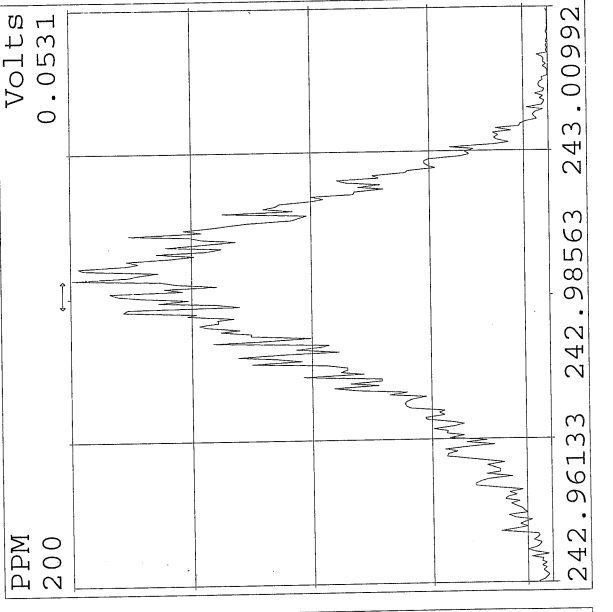
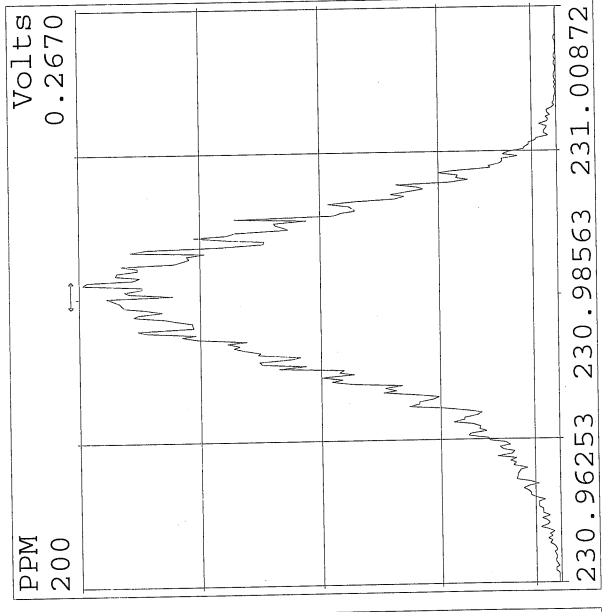
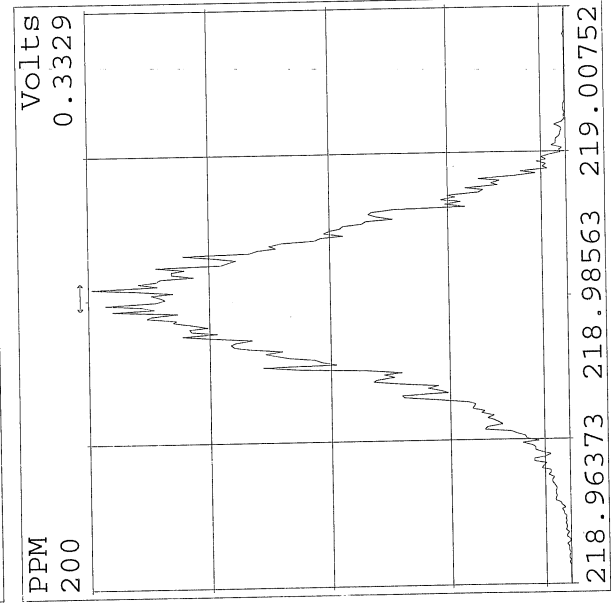
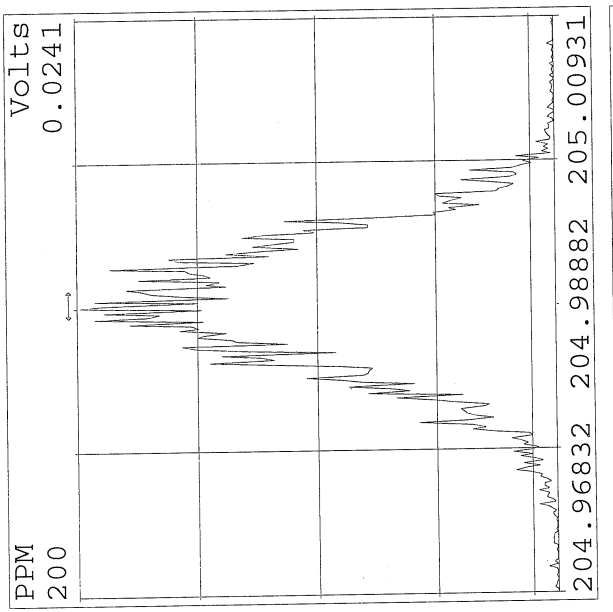
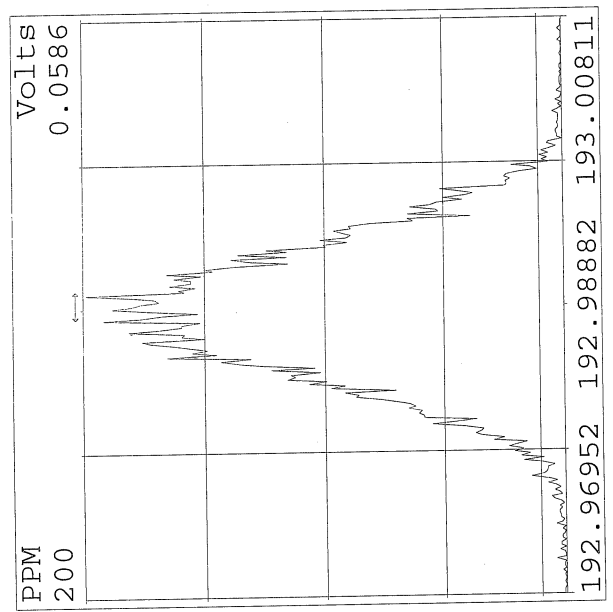
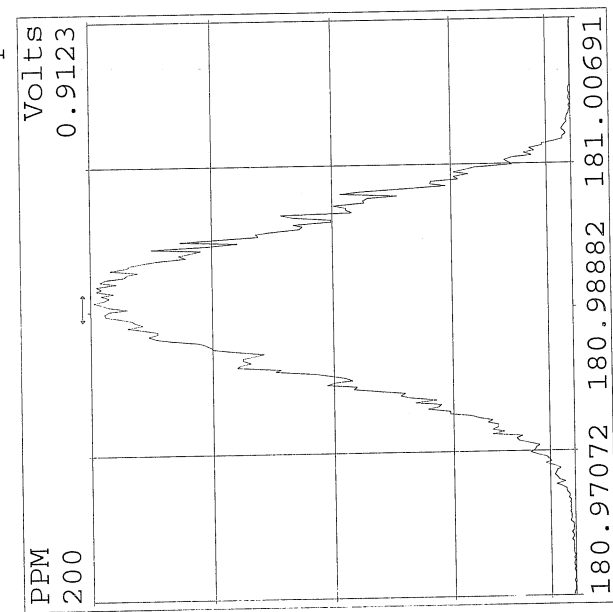
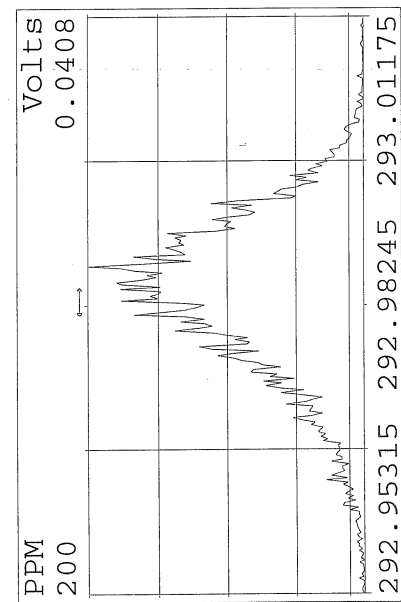
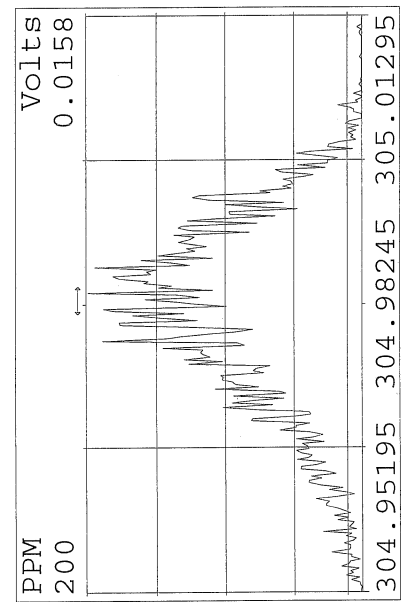
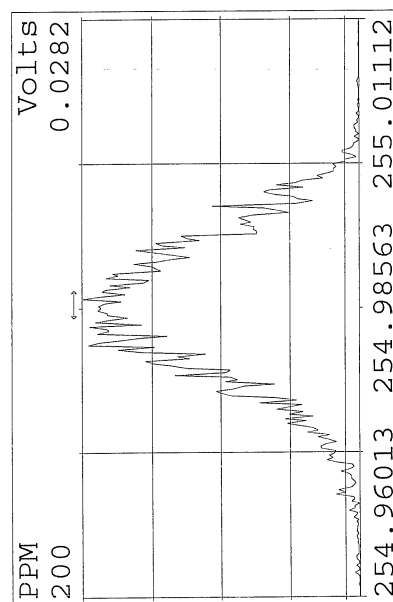
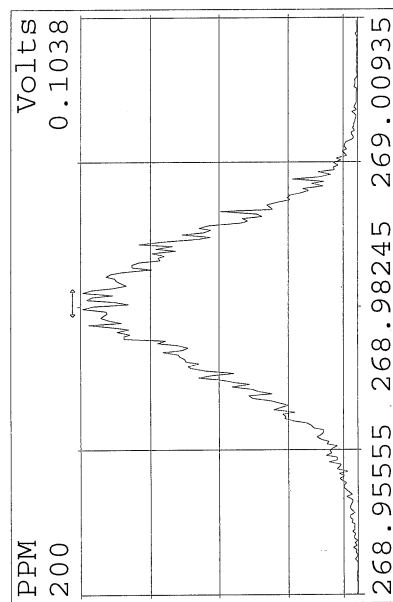
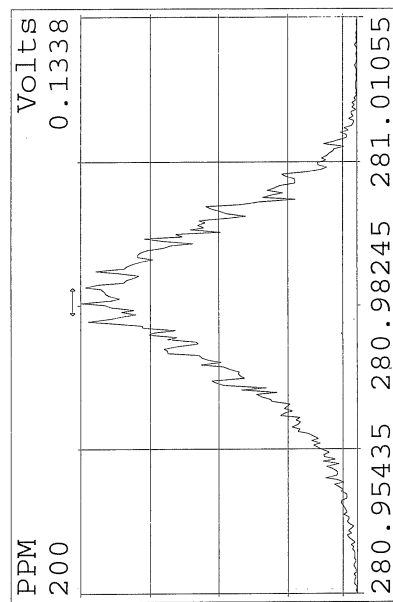
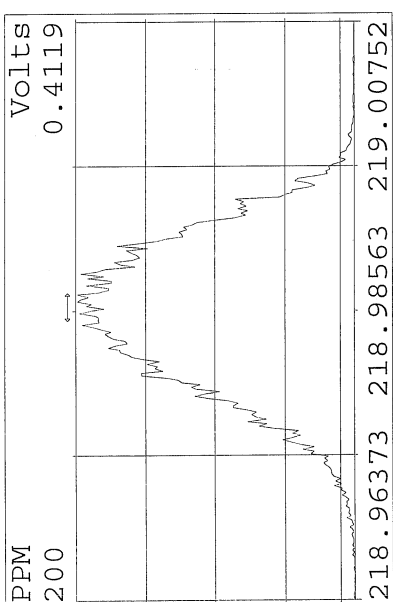
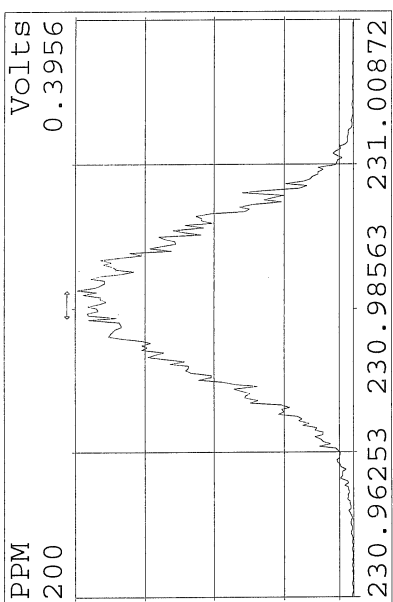
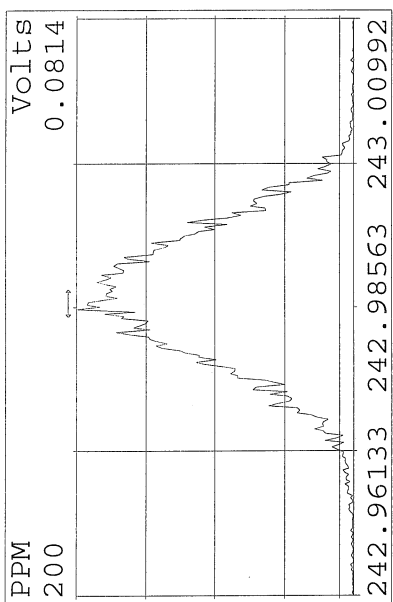


Peak Locate Examination: 12-FEB-2016: 16:49 File: M2160212  
Experiment: 1668A Function: 1 Reference: PFK

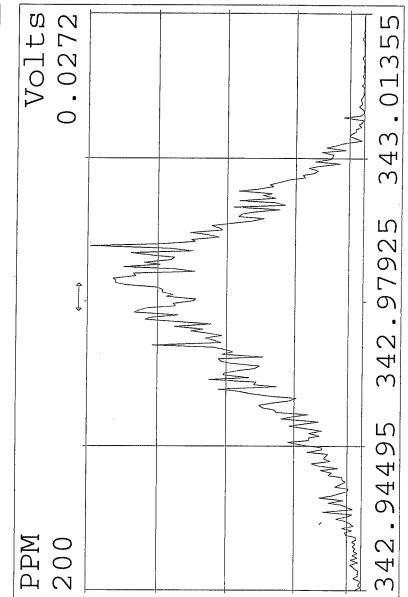
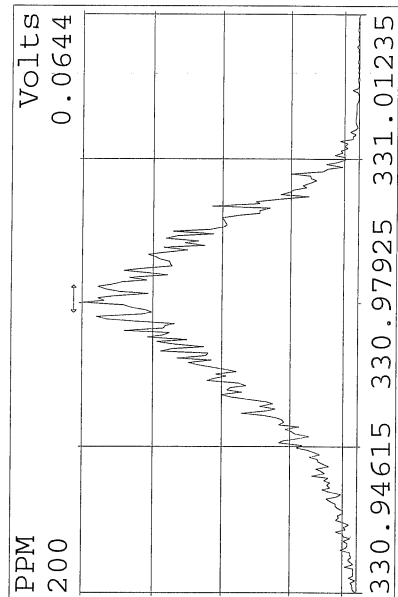
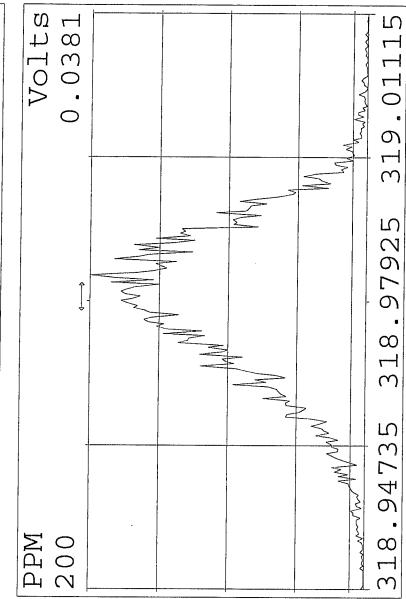
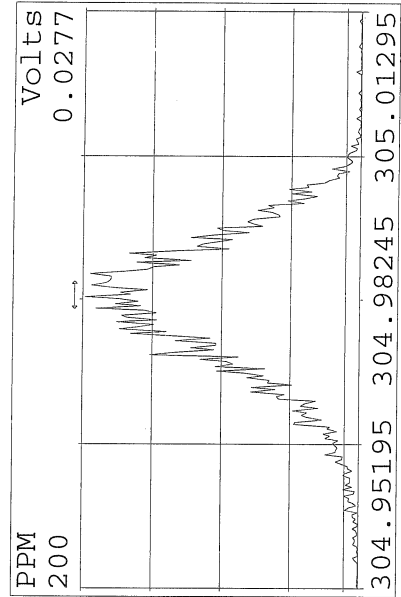
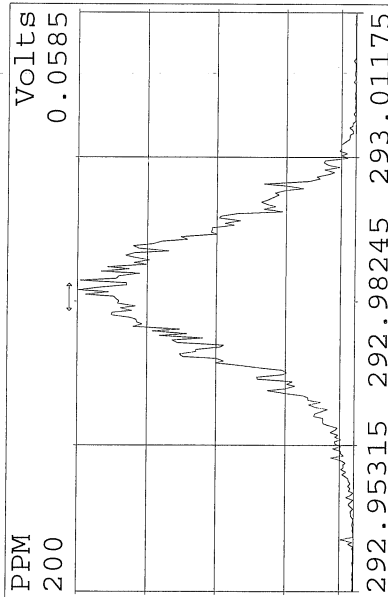
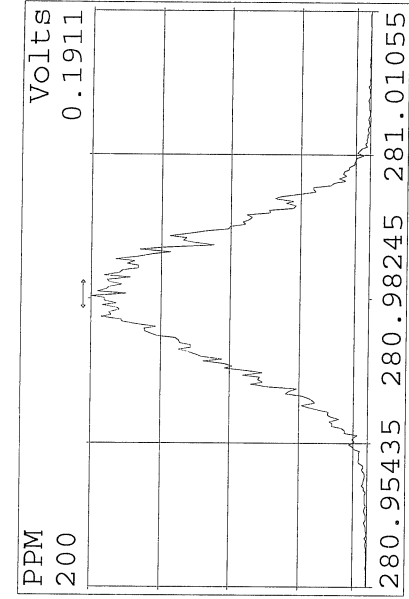
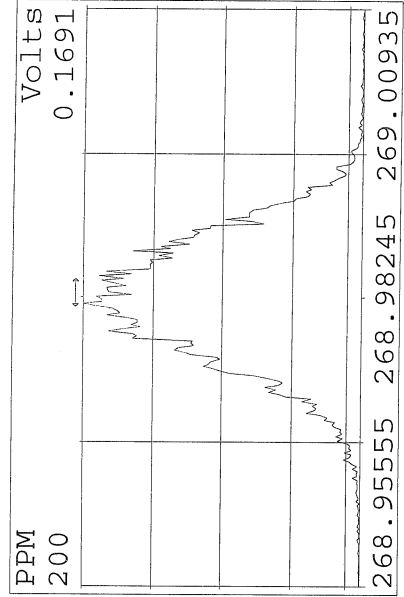
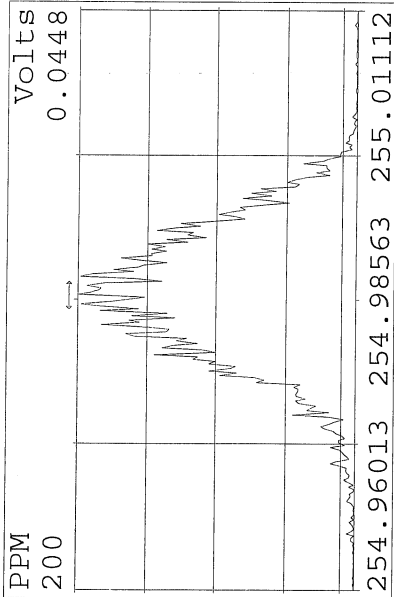


Peak Locate Examination: 12-FEB-2016:16:50 File: M2160212  
Experiment: 1668A Function: 2 Reference: PFK

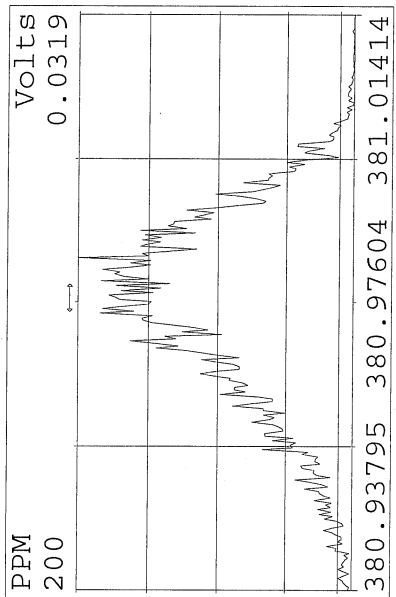
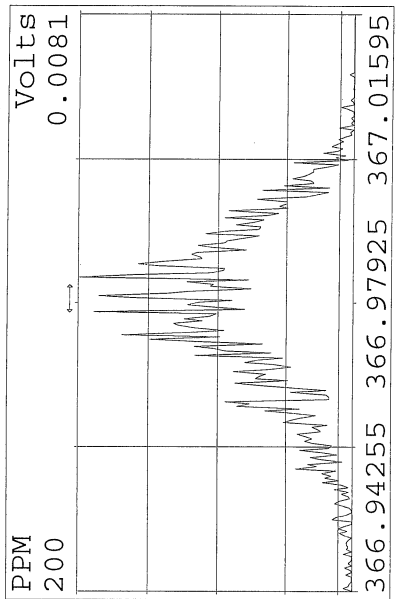
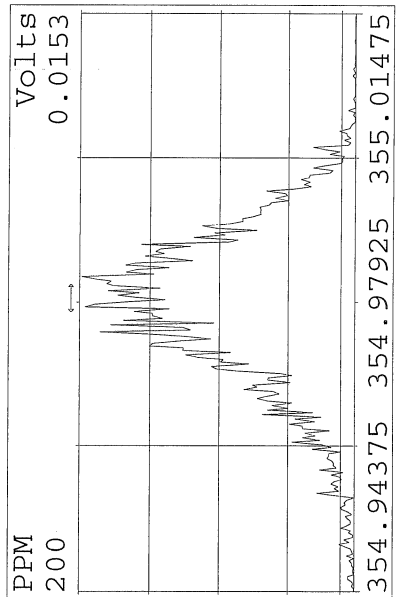
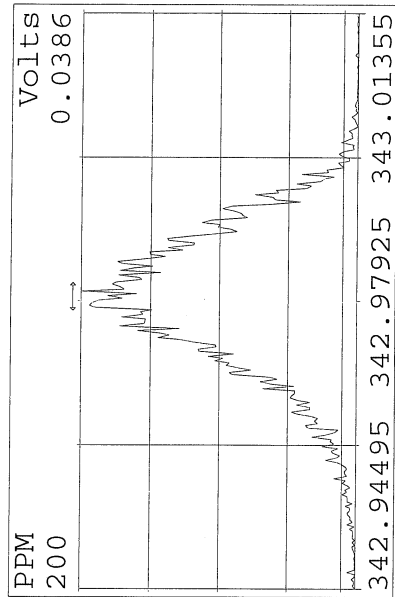
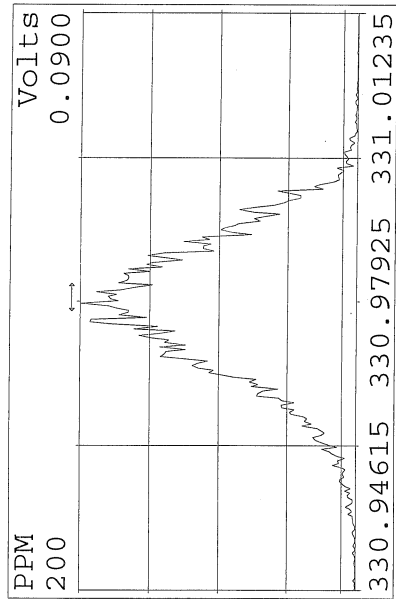
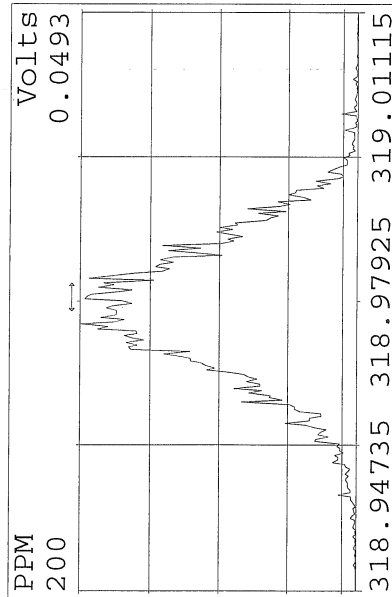
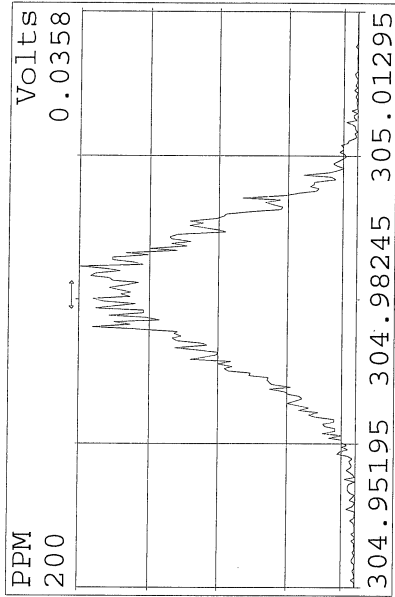
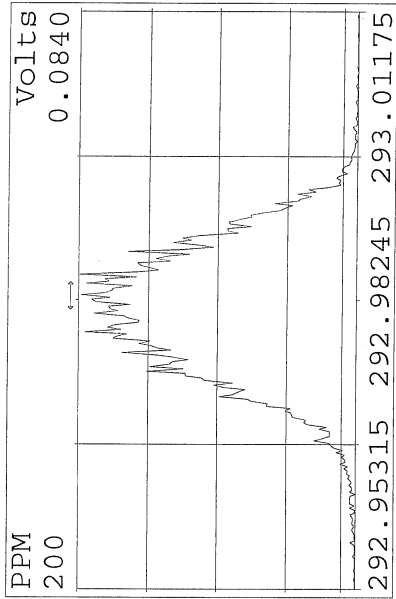
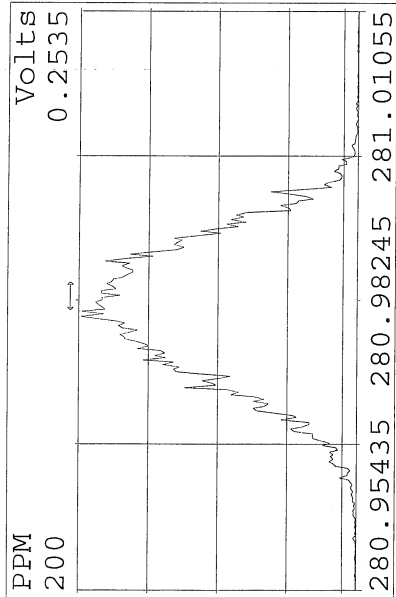




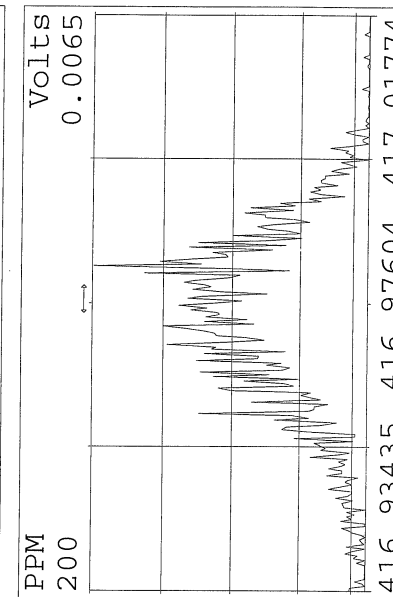
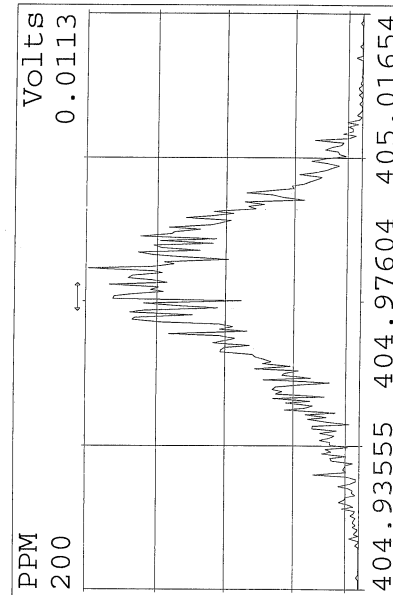
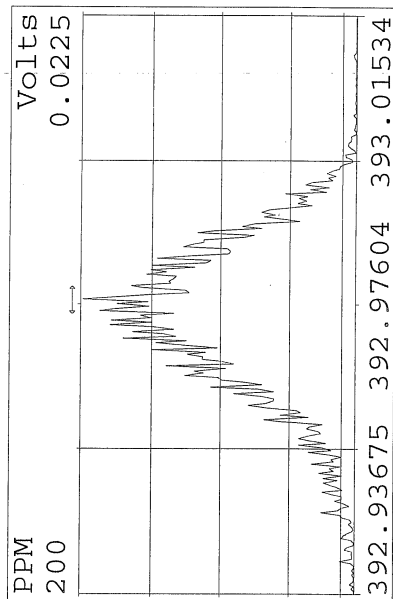
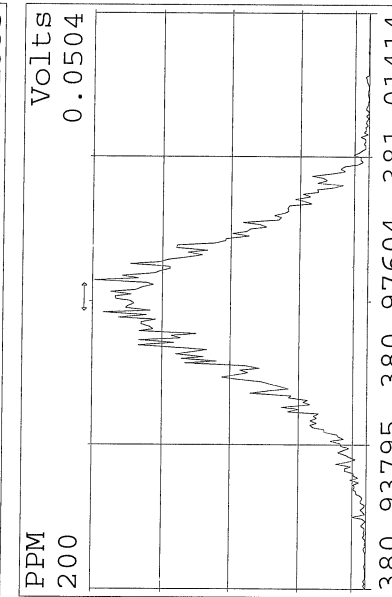
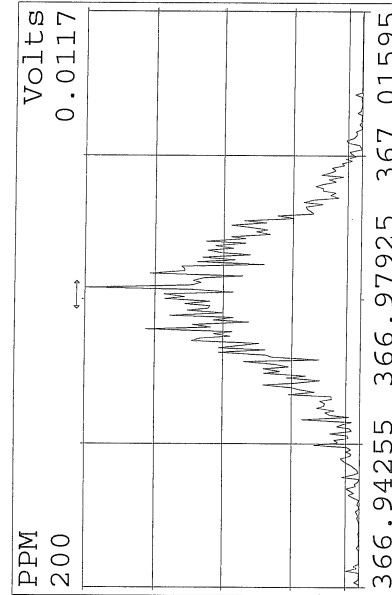
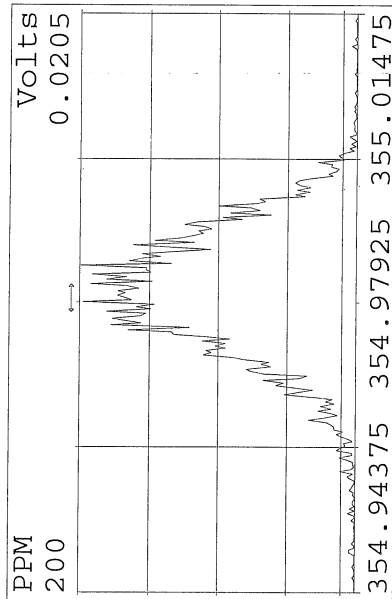
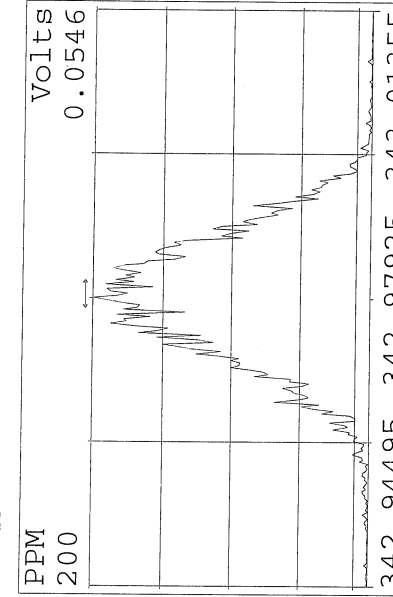
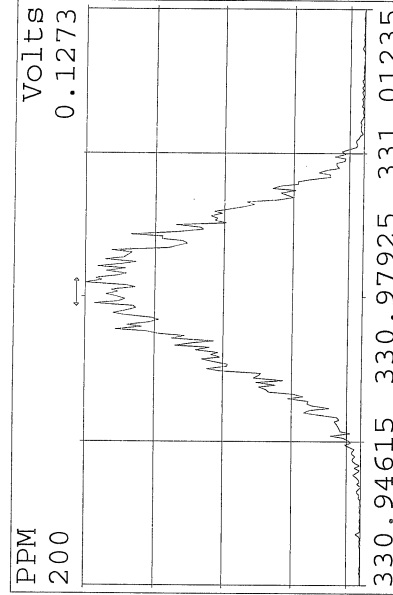
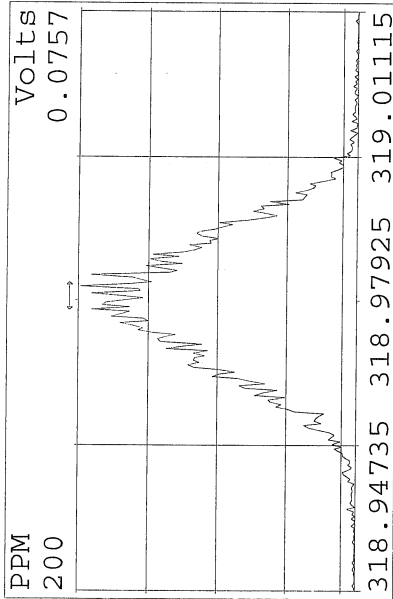
Peak Locate Examination:12-FEB-2016:16:50 File:M2160212  
Experiment:1668A Function:3 Reference:PFK



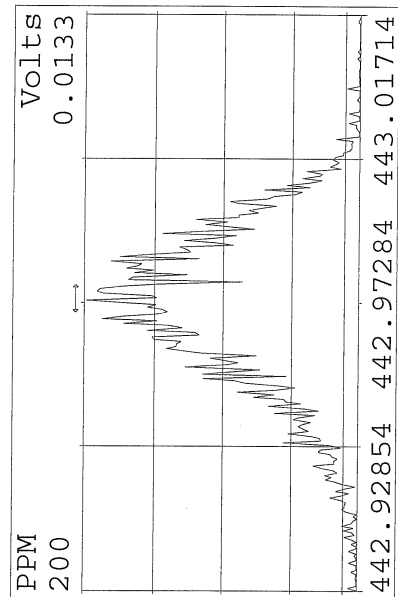
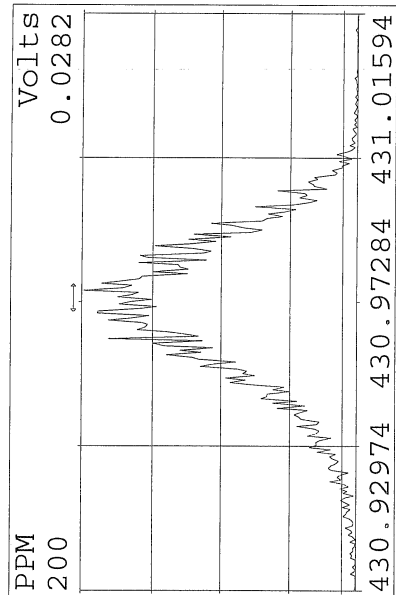
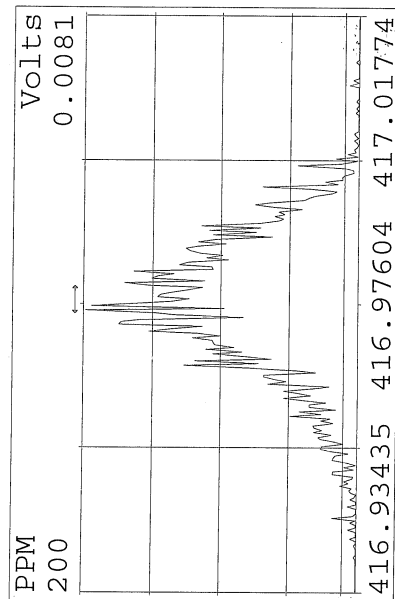
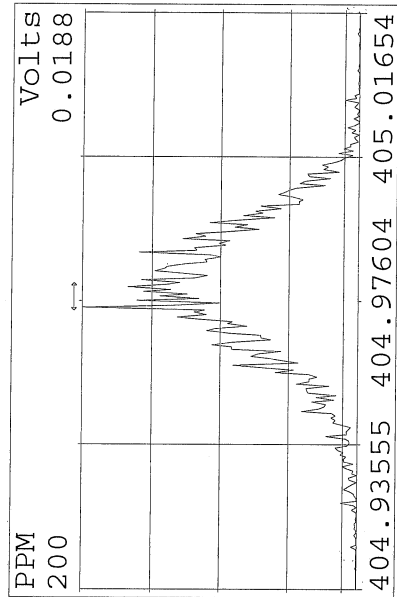
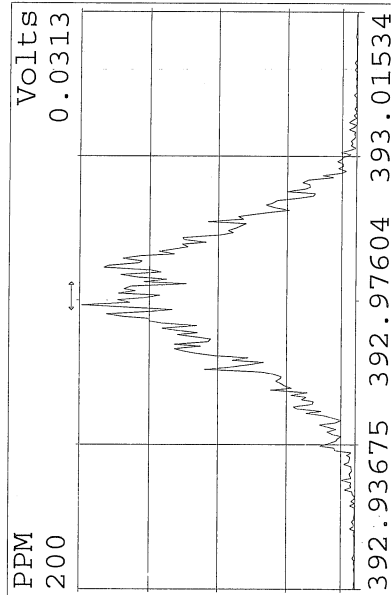
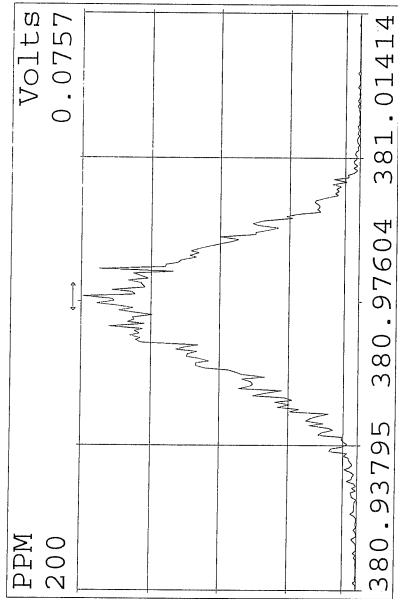
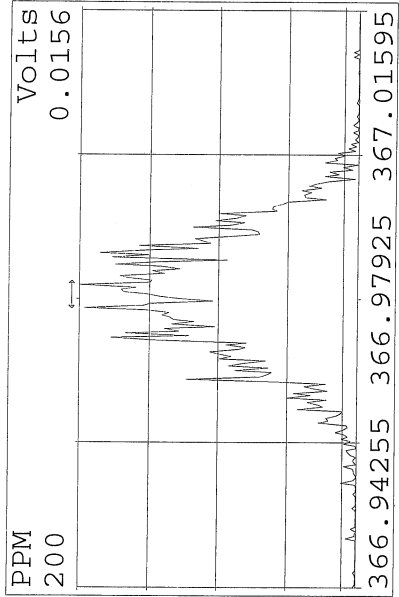
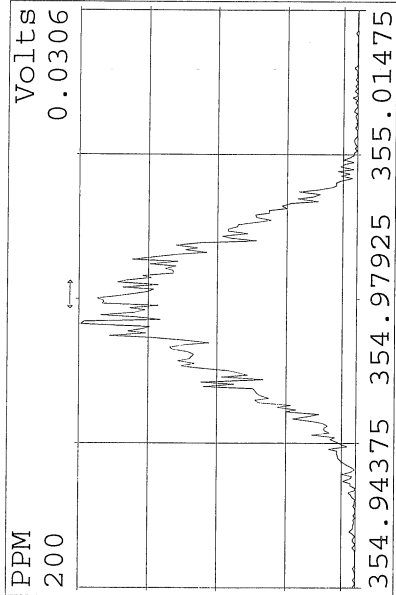
Peak Locate Examination:12-FEB-2016:16:50 File:M2160212  
Experiment:1668A Function:4 Reference:PFK



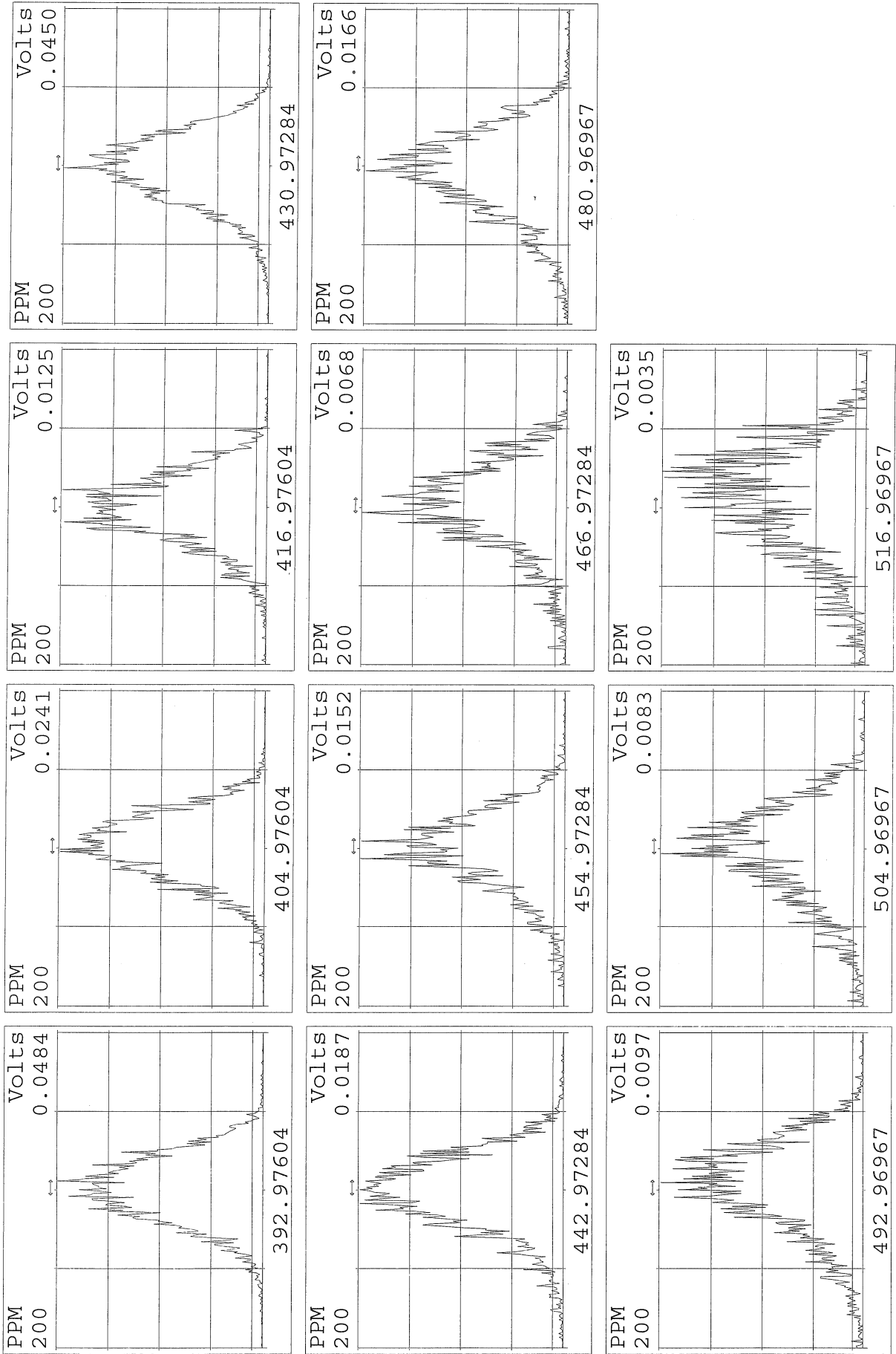
Peak Locate Examination:12-FEB-2016:16:51 File:M2160212  
Experiment:1668A Function:5 Reference:PFK



Peak Locate Examination:12-FEB-2016:16:52 File:M2160212  
Experiment:1668A Function:6 Reference:PFK



Peak Locate Examination:12-FEB-2016:16:52 File:M2160212  
Experiment:1668A Function:7 Reference:PFK





## **4.1 Continuing Calibration Data**

Maxxam Analytics International  
6740 Campobello Rd  
Mississauga, Ontario, Canada  
L5N 2L8  
1-800-668-0639  
[www.maxxamanalytics.com](http://www.maxxamanalytics.com)

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 1:00:50 PM 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: 18-FEB-2016

Time: 05:20:05

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	1.000	715944	228158	3.14	YES	bb	48.613	-2.8	97	29	1.052
2	PCB 3	10.19	1.001	746451	236696	3.15	YES	bd	50.297	0.6	101	30	1.085
3	PCB 4	10.30	1.001	331145	208876	1.59	YES	bb	52.110	4.2	104	31	0.994
4	PCB 15	12.93	1.000	621276	409515	1.52	YES	bb	54.782	9.6	110	32	0.954
5	PCB 19	11.68	1.002	260179	249716	1.04	YES	bb	52.068	4.1	104	33	0.936
6	PCB 37	16.68	1.000	514492	500944	1.03	YES	bb	51.102	2.2	102	34	0.925
7	PCB 54	13.06	1.000	237245	303666	0.78	YES	bb	53.145	6.3	106	35	0.968
8	PCB 81	21.42	1.001	421097	547378	0.77	YES	bb	51.851	3.7	104	36	1.065
9	PCB 77	21.87	1.001	415096	544280	0.76	YES	bb	50.588	1.2	101	37	1.090
10	PCB 104	15.92	1.001	325818	202711	1.61	YES	bb	52.628	5.3	105	38	1.152
11	PCB 123	23.51	1.001	480791	309258	1.55	YES	bd	50.208	0.4	100	39	0.898
12	PCB 118	23.79	1.001	521324	334798	1.56	YES	db	50.772	1.5	102	40	0.997
13	PCB 114	24.27	1.002	497375	319764	1.55	YES	bb	50.563	1.1	101	41	1.022
14	PCB 105	24.84	1.001	499301	317875	1.57	YES	bb	50.794	1.6	102	42	0.992
15	PCB 126	27.71	1.001	507894	310739	1.63	YES	bd	50.707	1.4	101	43	0.990
16	PCB 155	19.63	1.001	293313	223999	1.31	YES	bb	53.294	6.6	107	44	1.062
17	PCB 167	29.51	1.001	479958	380542	1.26	YES	db	51.769	3.5	104	45	0.979
18	PCB 156/157	30.70	1.001	982967	781183	1.26	YES	bb	103.693	3.7	104	46	1.055
19	PCB 169	34.10	1.000	476824	378093	1.26	YES	bb	50.366	0.7	101	47	0.961
20	PCB 188	24.22	1.001	266252	252752	1.05	YES	bb	51.754	3.5	104	48	1.047
21	PCB 193/180	32.11	1.001	279627	259218	1.08	YES	bb	51.055	2.1	102	49	1.163
22	PCB 170	33.43	1.000	272373	254524	1.07	YES	bb	49.629	-0.7	99	50	1.262
23	PCB 189	36.87	1.001	425477	410417	1.04	YES	bb	49.411	-1.2	99	51	0.933
24	PCB 202	29.26	1.001	207828	235498	0.88	YES	bb	51.515	3.0	103	52	1.017
25	PCB 205	39.73	1.001	324289	354086	0.92	YES	bb	49.974	-0.1	100	53	1.090
26	PCB 208	36.31	1.001	187853	235413	0.80	YES	bb	51.465	2.9	103	54	1.053
27	PCB 206	41.73	1.001	133007	170835	0.78	YES	bb	48.877	-2.2	98	55	1.004
28	PCB 209	43.56	1.000	159576	129212	1.24	YES	bb	48.879	-2.2	98	56	1.017
29	PCB 1L	8.99	0.804	1375534	419621	3.28	YES	bb	112.139	12.1	112	63	0.924
30	PCB 3L	10.17	0.910	1382516	429645	3.22	YES	bb	109.406	9.4	109	63	0.933
31	PCB 4L	10.28	0.920	664285	422056	1.57	YES	bb	103.023	3.0	103	63	0.559
32	PCB 15L	12.93	1.157	1338165	823334	1.63	YES	bb	103.534	3.5	104	63	1.112
33	PCB 19L	11.66	1.043	560832	528878	1.06	YES	bb	96.979	-3.0	97	63	0.561
34	PCB 37L	16.68	1.087	1124980	1069459	1.05	YES	bb	112.733	12.7	113	64	2.239
35	PCB 54L	13.06	0.851	497287	620486	0.80	YES	bb	87.930	-12.1	88	64	1.141
36	PCB 81L	21.41	1.395	807216	1011560	0.80	YES	bb	106.804	6.8	107	64	1.856
37	PCB 77L	21.85	1.424	783484	977001	0.80	YES	bb	107.130	7.1	107	64	1.797
38	PCB 104L	15.91	0.805	566215	351472	1.61	YES	bb	92.663	-7.3	93	65	1.071
39	PCB 123L	23.49	1.188	1080864	678316	1.59	YES	bd	106.043	6.0	106	65	2.053
40	PCB 118L	23.77	1.203	1054917	663104	1.59	YES	db	105.195	5.2	105	65	2.005
41	PCB 114L	24.24	1.226	988224	611419	1.62	YES	bb	105.293	5.3	105	65	1.867
42	PCB 105L	24.81	1.255	1016573	630907	1.61	YES	bb	105.492	5.5	105	65	1.922
43	PCB 126L	27.68	1.400	1010328	642778	1.57	YES	bb	111.154	11.2	111	65	1.929
44	PCB 155L	19.61	0.738	550452	423546	1.30	YES	bb	83.800	-16.2	84	66	1.176

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 1:00:50 PM Eastern Standard Time

**ID:**

**Date: 18-FEB-2016**

**Time: 05:20:05**

**Instrument: Autospec-UltimaE**

**Description: CS3\_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	983667	773672	1.27	YES	bb	100.579	0.6	101	66	2.122
46	PCB 156L/157L	30.66	1.154	1876215	1469283	1.28	YES	bb	210.309	5.2	105	66	2.020
47	PCB 169L	34.08	1.283	994969	783493	1.27	YES	bb	113.854	13.9	114	66	2.148
48	PCB 188L	24.20	0.911	512695	478324	1.07	YES	bb	90.019	-10.0	90	66	1.197
49	PCB 180L	32.09	0.819	478582	448147	1.07	YES	bb	82.318	-17.7	82	67	1.110
50	PCB 170L	33.42	0.853	433899	401433	1.08	YES	bb	84.789	-15.2	85	67	1.001
51	PCB 189L	36.82	0.940	920454	872125	1.05	YES	bb	99.537	-0.5	100	67	2.147
52	PCB 202L	29.23	0.746	417704	453707	0.92	YES	bb	73.539	-26.5	74	67	1.044
53	PCB 205L	39.71	1.013	601209	643517	0.93	YES	bb	97.370	-2.6	97	67	1.491
54	PCB 208L	36.27	0.926	352983	450596	0.78	YES	bb	84.480	-15.5	84	67	0.963
55	PCB 206L	41.68	1.064	265621	339914	0.78	YES	bb	95.498	-4.5	95	67	0.725
56	PCB 209L	43.54	1.111	312142	256023	1.22	YES	bb	93.963	-6.0	94	67	0.681
57	PCB 28L	14.39	0.938	1123130	1091118	1.03	YES	db	110.809	10.8	111	64	2.260
58	PCB 111L	21.83	1.105	739781	463348	1.60	YES	bb	104.536	4.5	105	65	1.404
59	PCB 178L	26.98	1.015	312855	290988	1.08	YES	bb	99.487	-0.5	99	66	0.729
60	PCB 31L	14.24	0.928	1082946	1043352	1.04	YES	bd	112.181	12.2	112	64	2.170
61	PCB 95L	17.74	0.897	491461	307434	1.60	YES	bb	98.527	-1.5	99	65	0.932
62	PCB 153L	25.41	0.956	558600	437826	1.28	YES	bb	98.212	-1.8	98	66	1.203
63	PCB 9L	11.18	0.000	1197598	745662	1.61	YES	bb	103.608	3.6	104	0	19432...
64	PCB 52L	15.35	0.000	431842	548042	0.79	YES	bb	99.423	-0.6	99	0	9798....
65	PCB 101L	19.77	0.000	527992	328967	1.61	YES	db	96.482	-3.5	96	0	8569....
66	PCB 138L	26.57	0.000	470709	357422	1.32	YES	bb	102.586	2.6	103	0	8281....
67	PCB 194L	39.18	0.000	405354	429459	0.94	YES	bb	127.821	27.8	128	0	8348....
68	Total MoCB F1								98.910			29	
69	Total MoCB labeled ...								221.545			63	
70	Total DiCB F1								52.110			31	
71	Total DiCB labeled F1								103.023			63	
72	Total DiCB F2								54.782			32	
73	Total DiCB labeled F2								207.142			63	
74	Total TriCB F2								52.068			33	
75	Total TriCB labeled F2								96.979			63	
76	Total TriCB F3								51.102			34	
77	Total TriCB labeled F3								335.722			64	
78	Total TeCB F2								53.145			35	
79	Total TeCB labeled F2								87.930			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								99.423			64	
82	Total TeCB F4								102.438			36	
83	Total TeCB labeled F4								213.934			64	
84	Total PeCB F3								52.628			38	
85	Total PeCB labeled F3								92.663			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								299.545			65	
88	Total PeCB F5								253.045			39	
89	Total PeCB labeled F5								533.177			65	
90	Total HxCB F4								53.294			44	
91	Total HxCB labeled F4								83.800			66	
92	Total HxCB F5											45	



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 1:00:50 PM Eastern Standard Time

**ID:**

**Date: 18-FEB-2016**

**Time: 05:20:05**

**Instrument: Autospec-UltimaE**

**Description: CS3\_PCB 150417CXU**

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5								200.798			66	
94	Total HxCB F6								205.828			45	
95	Total HxCB labeled F6								424.742			66	
96	Total HpCB F5								51.754			48	
97	Total HpCB labeled ...								189.506			67	
98	Total HpCB F6								100.684			49	
99	Total HpCB labeled ...								167.107			67	
100	Total HpCB F7								49.411			51	
101	Total HpCB labeled ...								99.537			67	
102	Total OcCB F6								51.515			52	
103	Total OcCB labeled ...								73.539			67	
104	Total OcCB F7								49.974			53	
105	Total OcCB labeled ...								225.191			67	
106	Total NoCB F7								100.342			54	
107	Total NoCB labeled ...								179.979			67	
108	Total DeCB F7								48.879			56	
109	Total DeCB labeled ...								93.963			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\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 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

Description: CS3\_PCB 150417CXU

Vial: 14

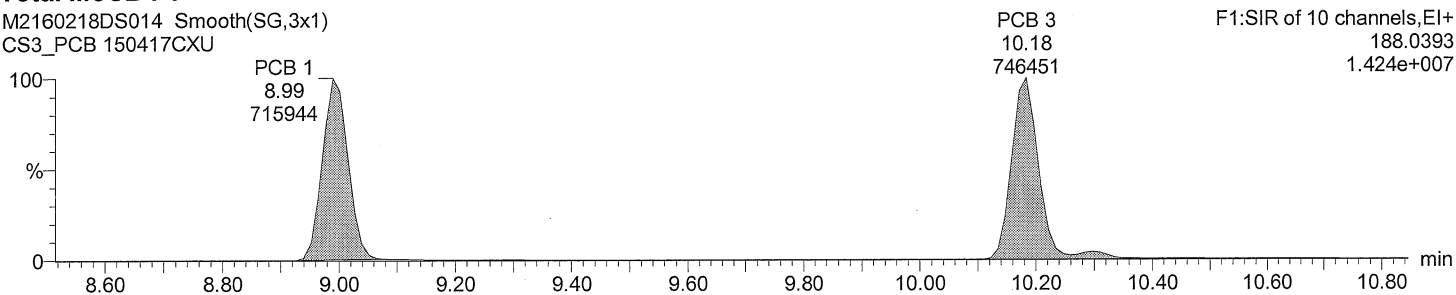
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

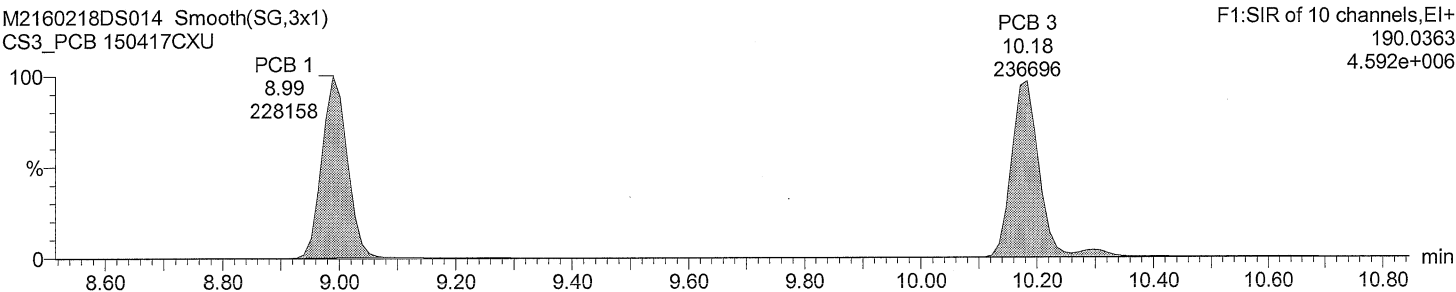
Total MoCB F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



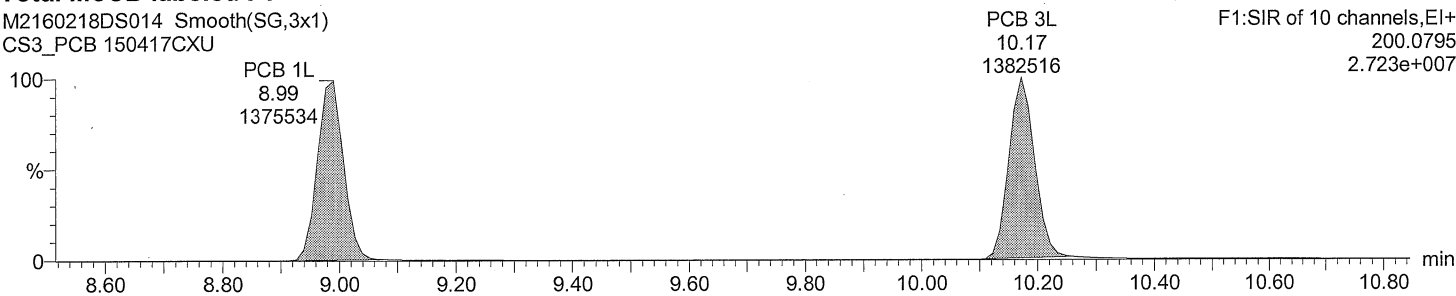
Total MoCB F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



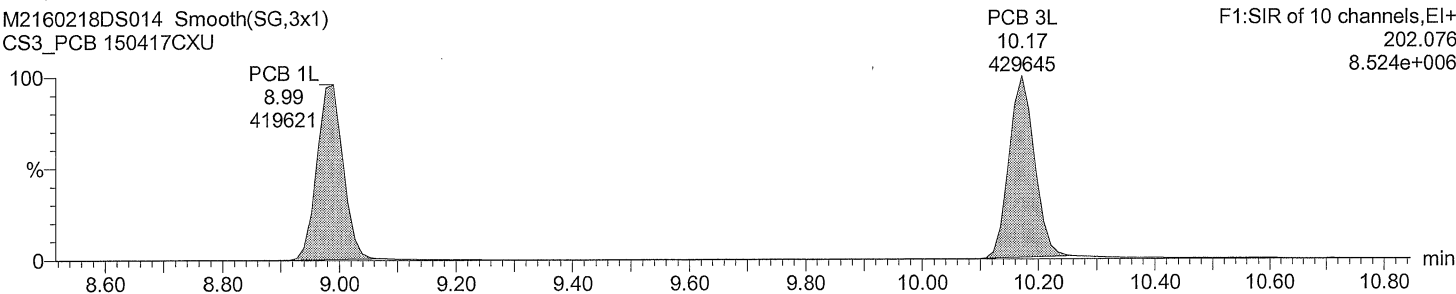
Total MoCB labeled F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total MoCB labeled F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

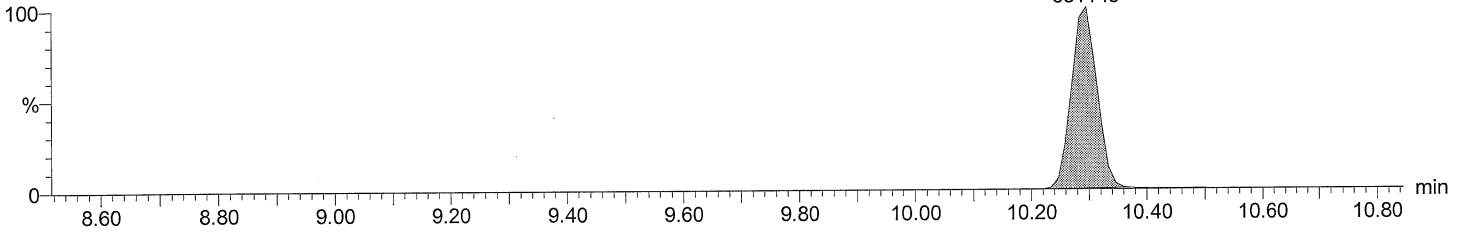
Instrument: Autospec-UltimaE

Total DiCB F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4  
10.30  
331145

F1:SIR of 10 channels,EI+  
222.0003  
6.550e+006

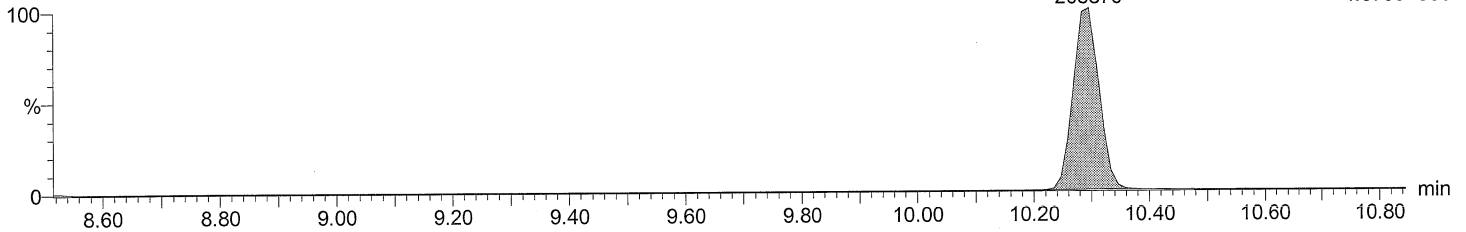


Total DiCB F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4  
10.30  
208876

F1:SIR of 10 channels,EI+  
223.9974  
4.079e+006

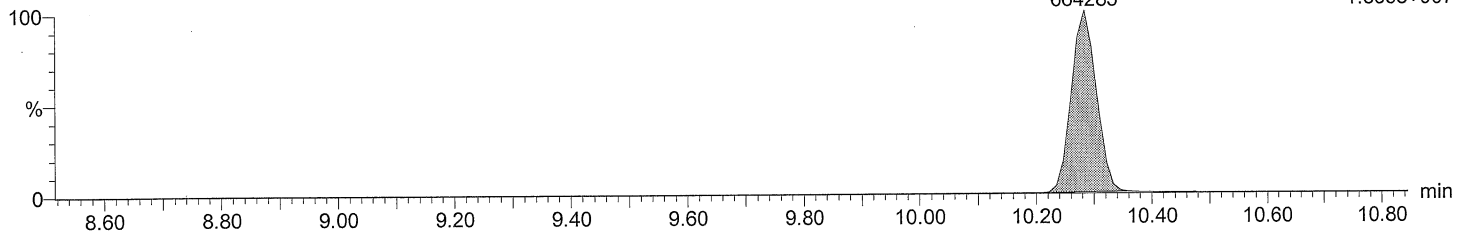


Total DiCB labeled F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4L  
10.28  
664285

F1:SIR of 10 channels,EI+  
234.0406  
1.339e+007

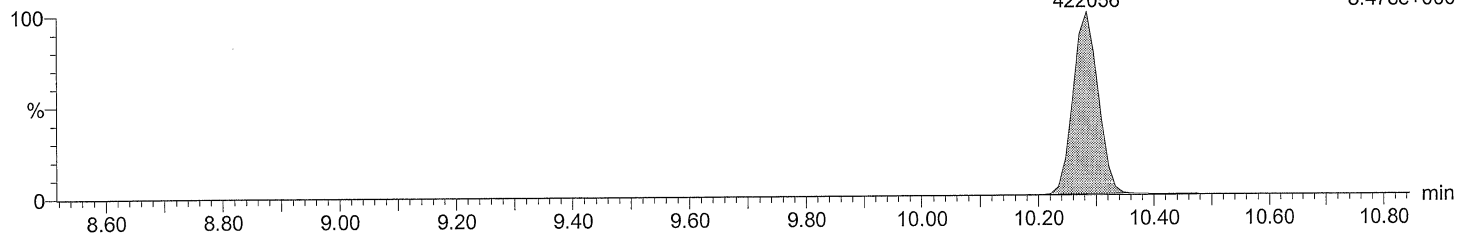


Total DiCB labeled F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4L  
10.28  
422056

F1:SIR of 10 channels,EI+  
236.0376  
8.478e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

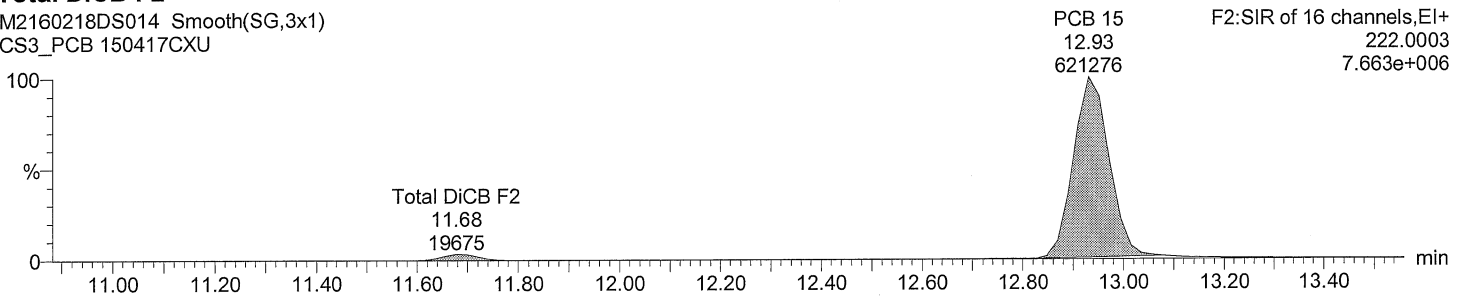
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

Total DiCB F2

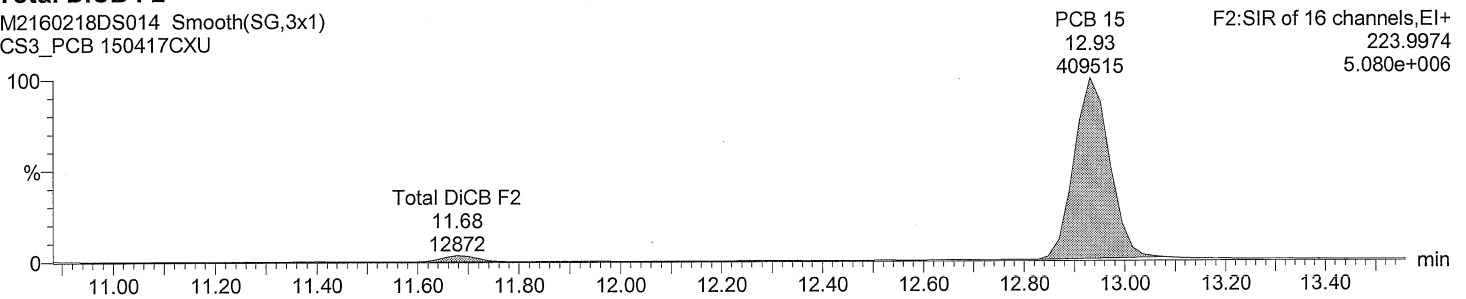
M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



F2:SIR of 16 channels,EI+  
222.0003  
7.663e+006

Total DiCB F2

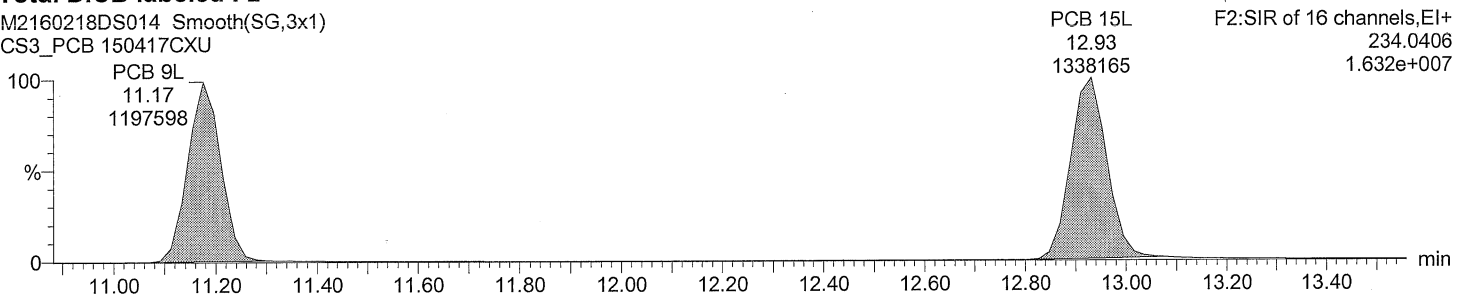
M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



F2:SIR of 16 channels,EI+  
223.9974  
5.080e+006

Total DiCB labeled F2

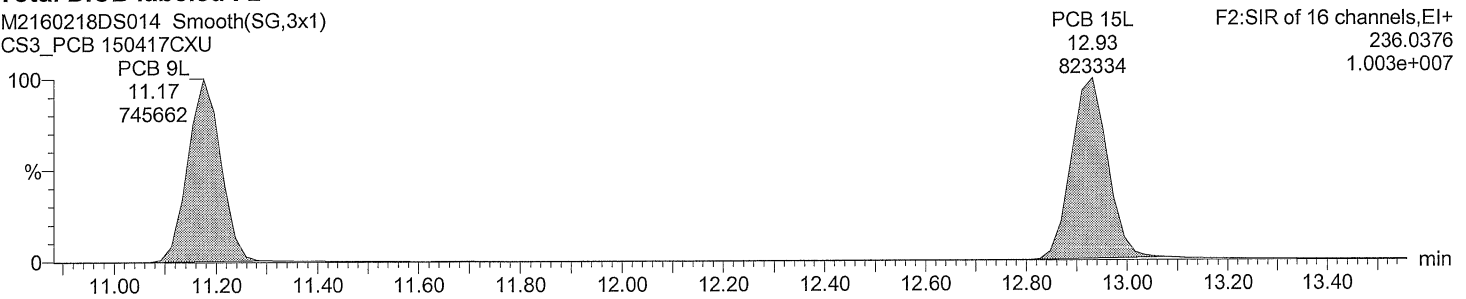
M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



F2:SIR of 16 channels,EI+  
234.0406  
1.632e+007

Total DiCB labeled F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



F2:SIR of 16 channels,EI+  
236.0376  
1.003e+007

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

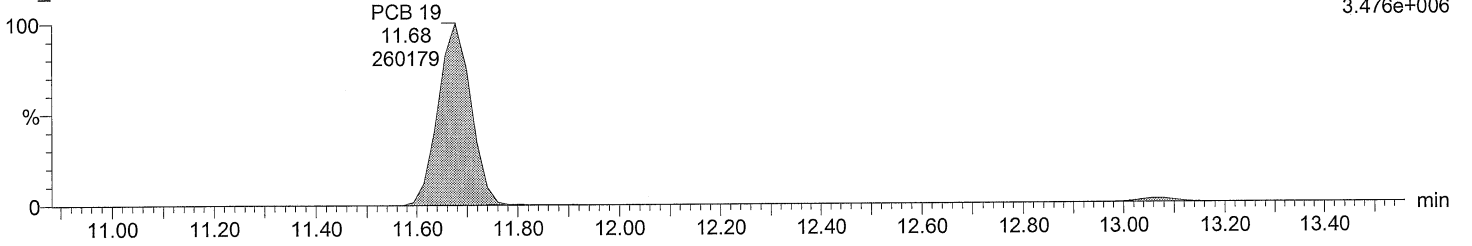
Time: 05:20:05

Instrument: Autospec-UltimaE

Total TriCB F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

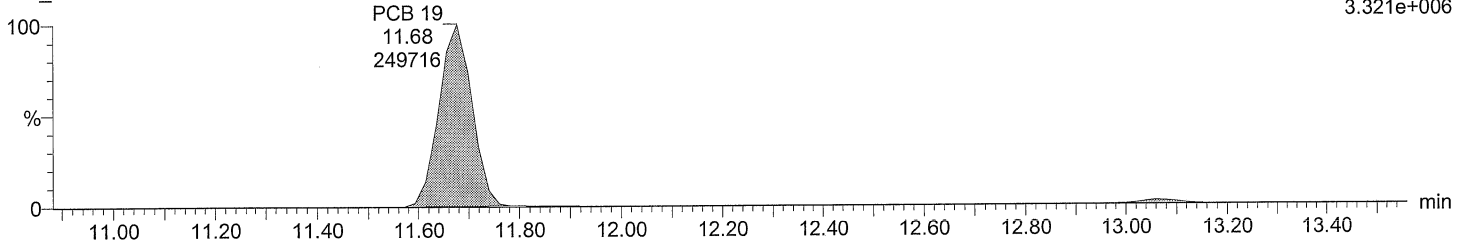
F2:SIR of 16 channels, EI+  
255.9614  
3.476e+006



Total TriCB F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

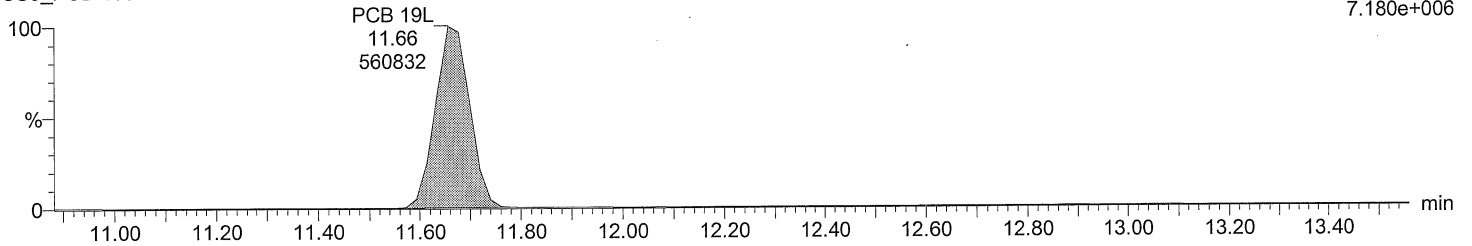
F2:SIR of 16 channels, EI+  
257.9584  
3.321e+006



Total TriCB labeled F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

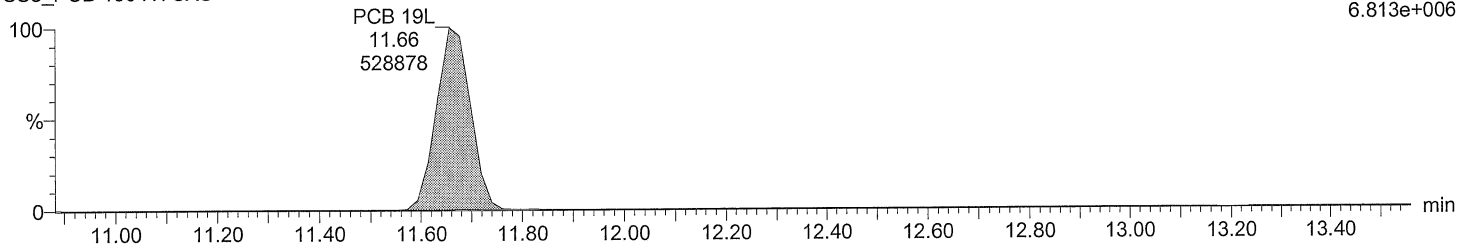
F2:SIR of 16 channels, EI+  
268.0016  
7.180e+006



Total TriCB labeled F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F2:SIR of 16 channels, EI+  
269.9986  
6.813e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

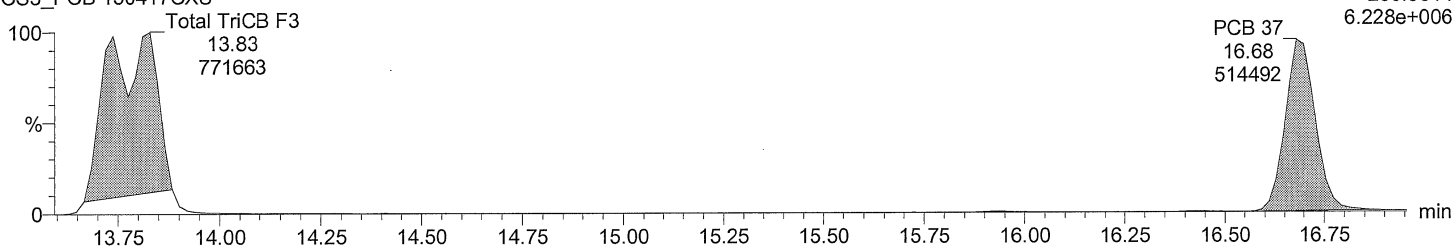
Time: 05:20:05

Instrument: Autospec-UltimaE

Total TriCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

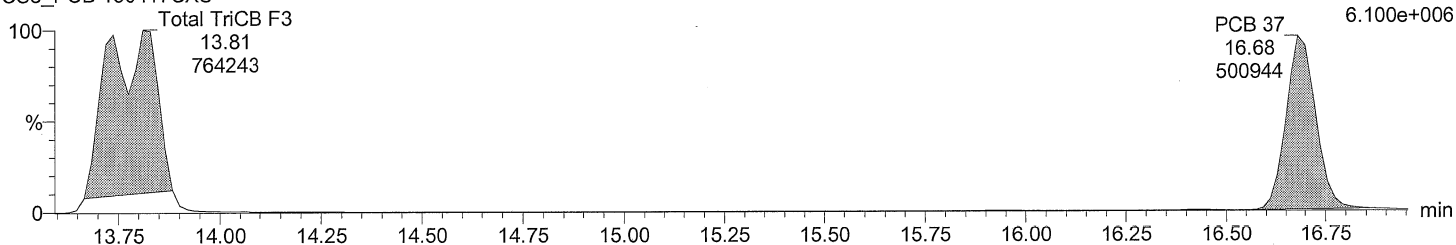
F3:SIR of 14 channels,EI+  
255.9614  
6.228e+006



Total TriCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

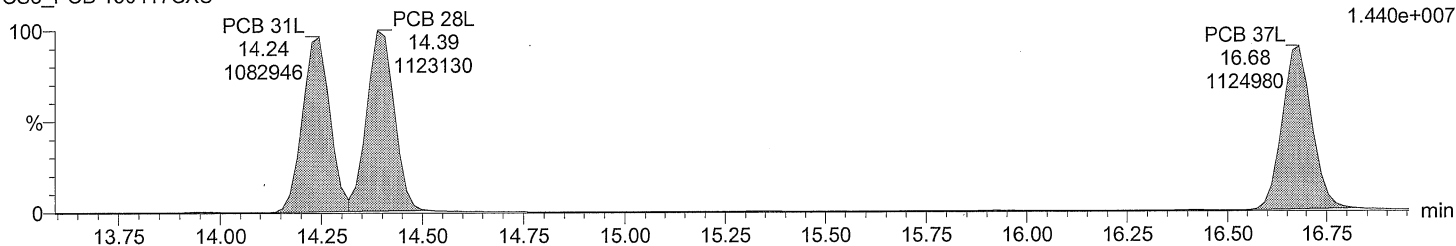
F3:SIR of 14 channels,EI+  
257.9584  
6.100e+006



Total TriCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

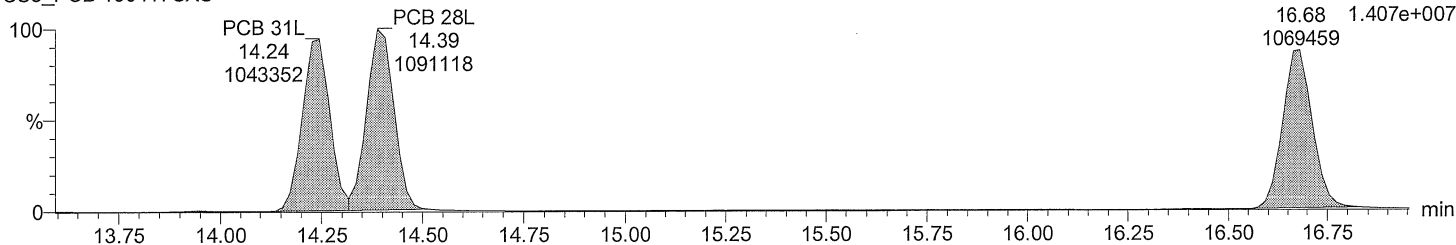
F3:SIR of 14 channels,EI+  
268.0016  
1.440e+007



Total TriCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F3:SIR of 14 channels,EI+  
PCB 37L 269.9986  
16.68 1.407e+007  
1069459



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

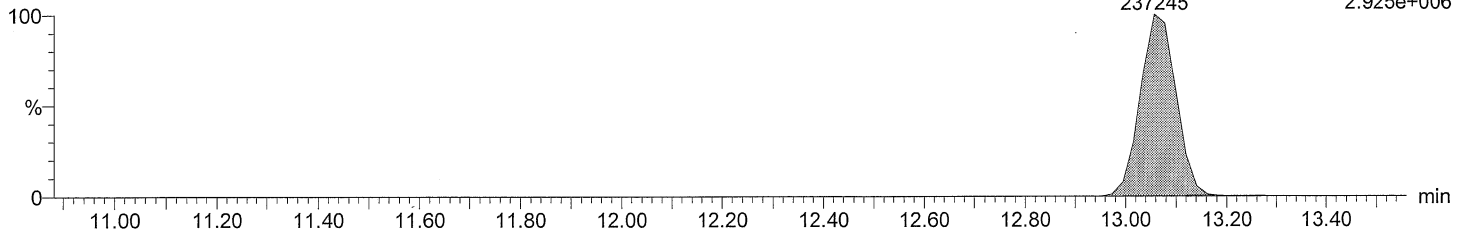
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Instrument: Autospec-UltimaE

Total TeCB F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

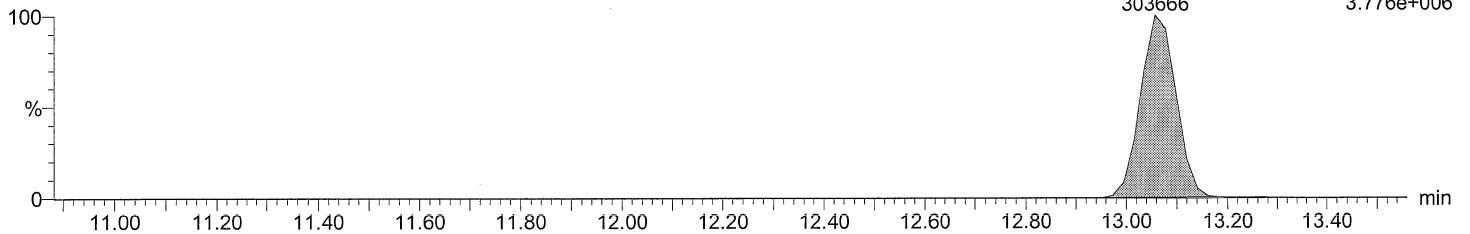
PCB 54 F2:SIR of 16 channels,EI+  
13.06 289.9224  
237245 2.925e+006



Total TeCB F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

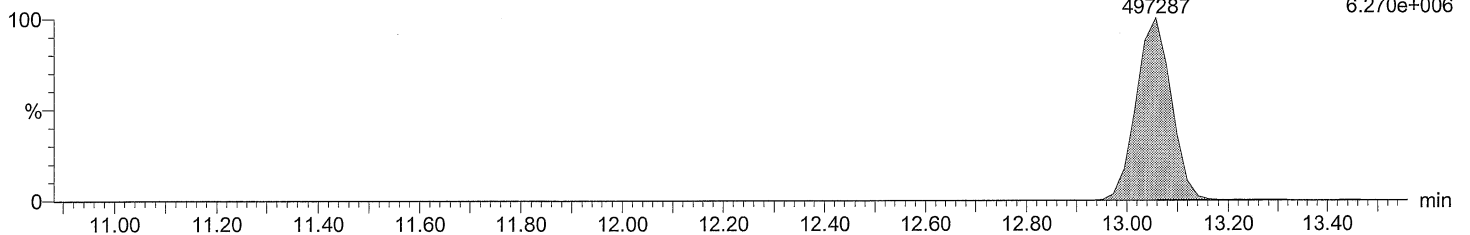
PCB 54 F2:SIR of 16 channels,EI+  
13.06 291.9194  
303666 3.776e+006



Total TeCB labeled F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

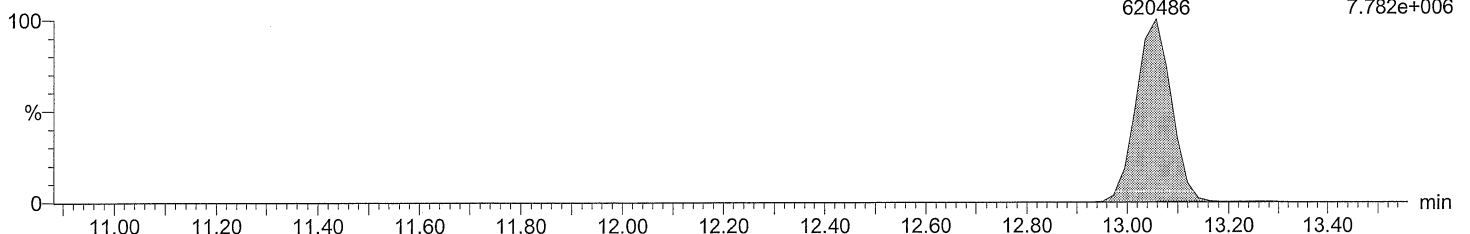
PCB 54L F2:SIR of 16 channels,EI+  
13.06 301.9626  
497287 6.270e+006



Total TeCB labeled F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+  
13.06 303.9597  
620486 7.782e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

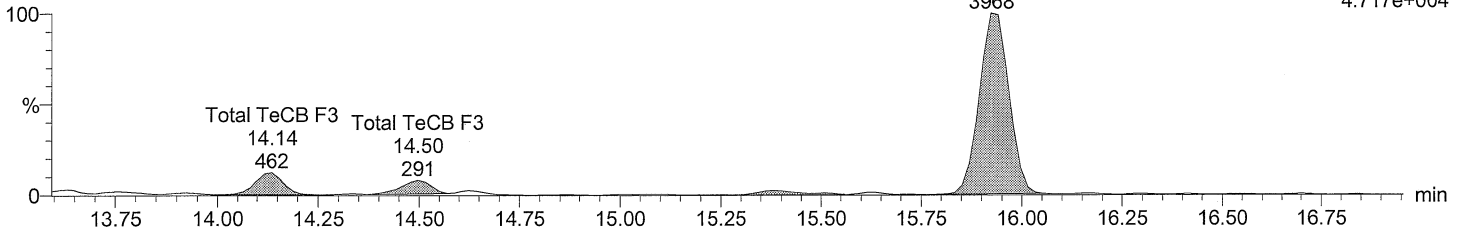
Instrument: Autospec-UltimaE

Total TeCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total TeCB F3  
15.92  
3968

F3:SIR of 14 channels,EI+  
289.9224  
4.717e+004

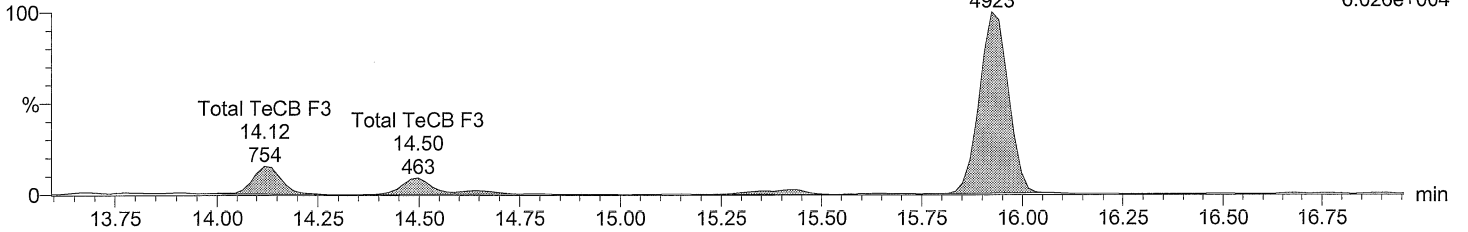


Total TeCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total TeCB F3  
15.92  
4923

F3:SIR of 14 channels,EI+  
291.9194  
6.026e+004

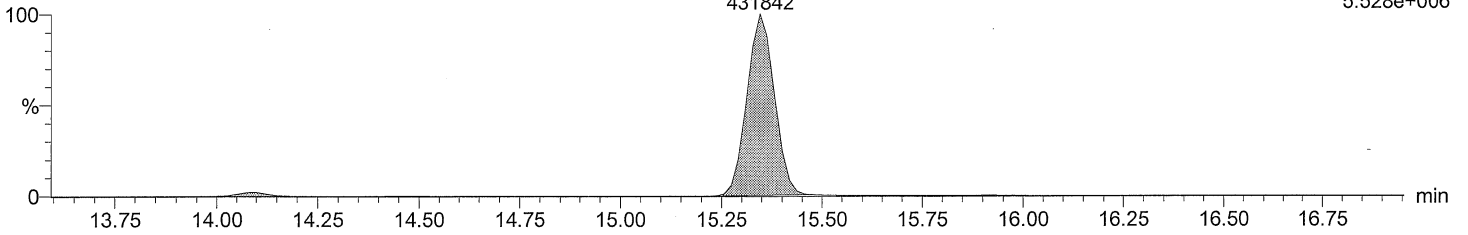


Total TeCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 52L  
15.35  
431842

F3:SIR of 14 channels,EI+  
301.9626  
5.528e+006

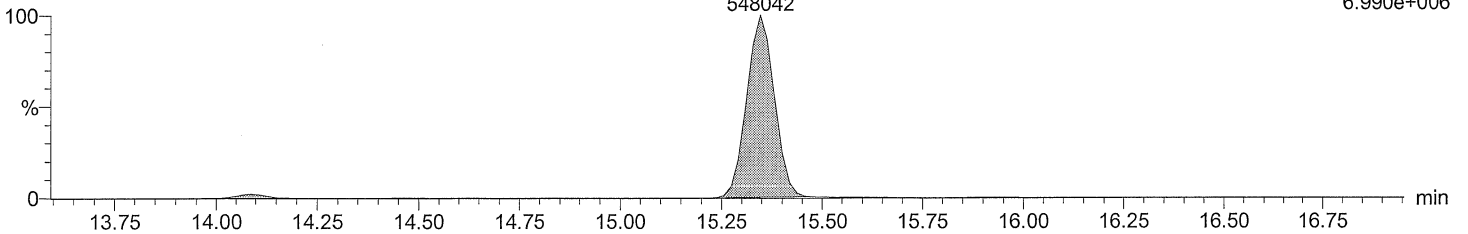


Total TeCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 52L  
15.35  
548042

F3:SIR of 14 channels,EI+  
303.9597  
6.990e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

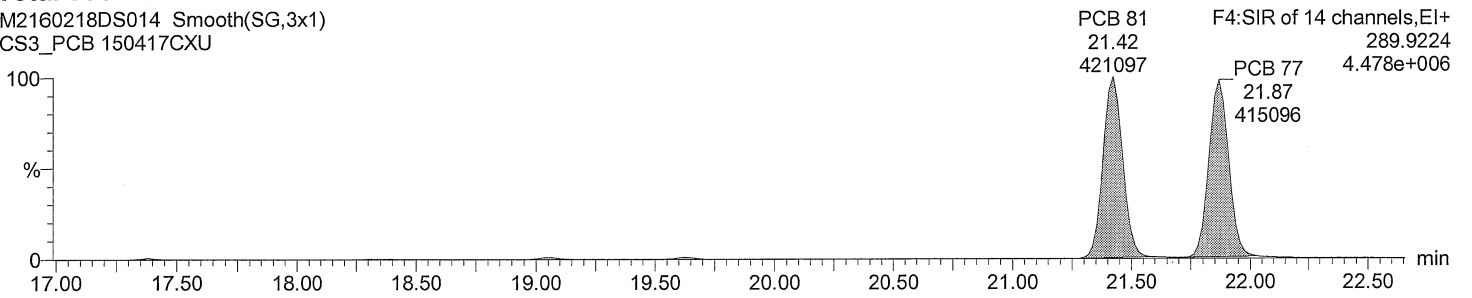
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

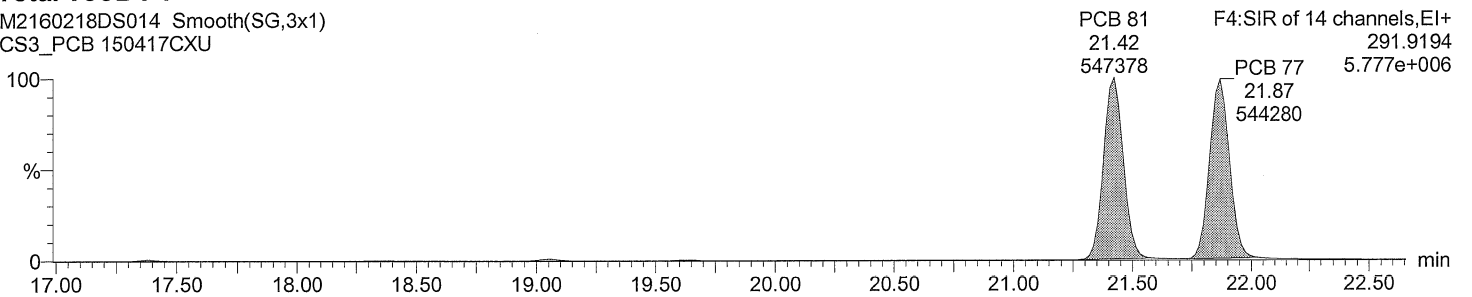
Total TeCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



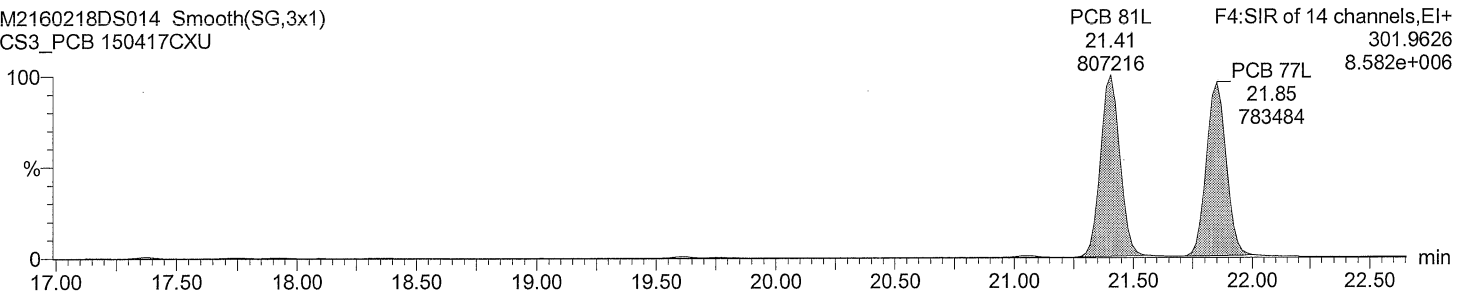
Total TeCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



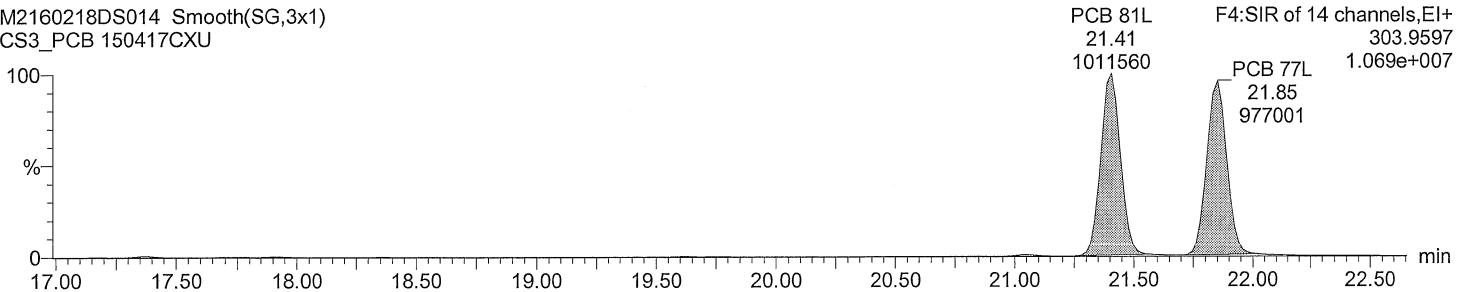
Total TeCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TeCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

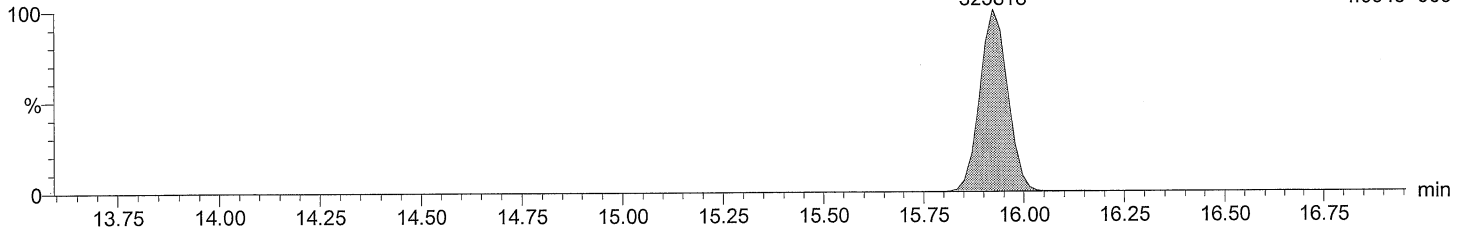
Instrument: Autospec-UltimaE

Total PeCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.92  
325818

F3:SIR of 14 channels, EI+  
325.8805  
4.094e+006

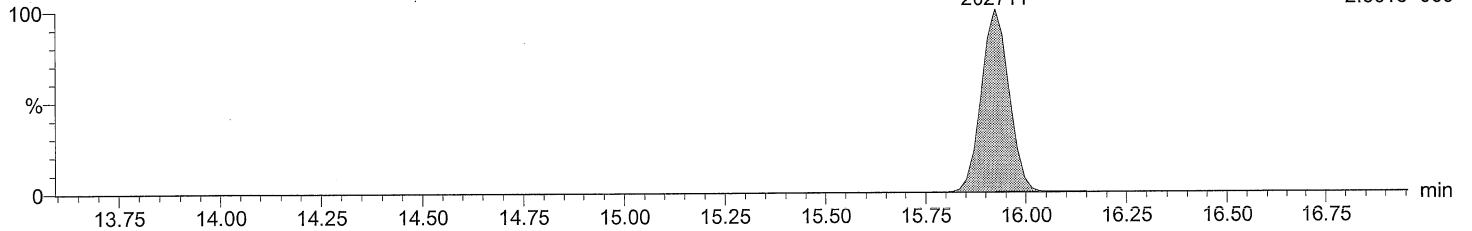


Total PeCB F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.92  
202711

F3:SIR of 14 channels, EI+  
327.8775  
2.561e+006

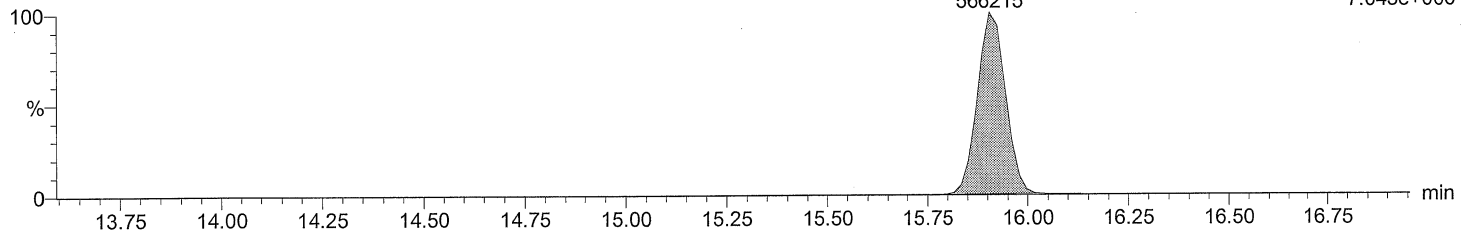


Total PeCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.91  
566215

F3:SIR of 14 channels, EI+  
337.9207  
7.043e+006

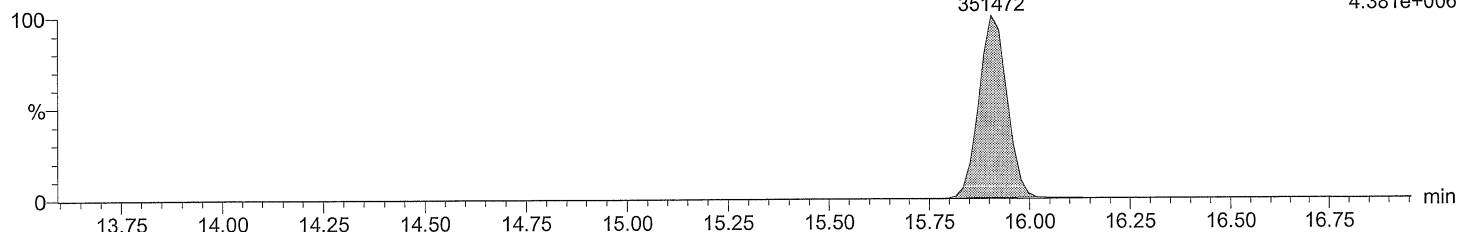


Total PeCB labeled F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.91  
351472

F3:SIR of 14 channels, EI+  
339.9178  
4.381e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

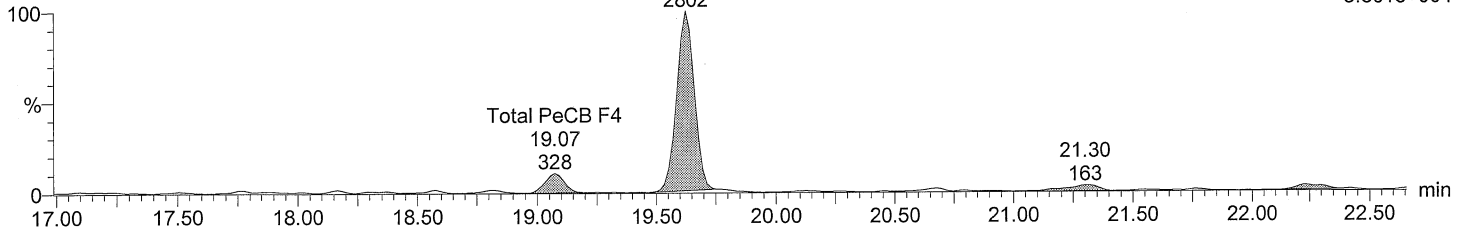
Instrument: Autospec-UltimaE

Total PeCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total PeCB F4  
19.63  
2802

F4:SIR of 14 channels,EI+  
325.8805  
3.301e+004

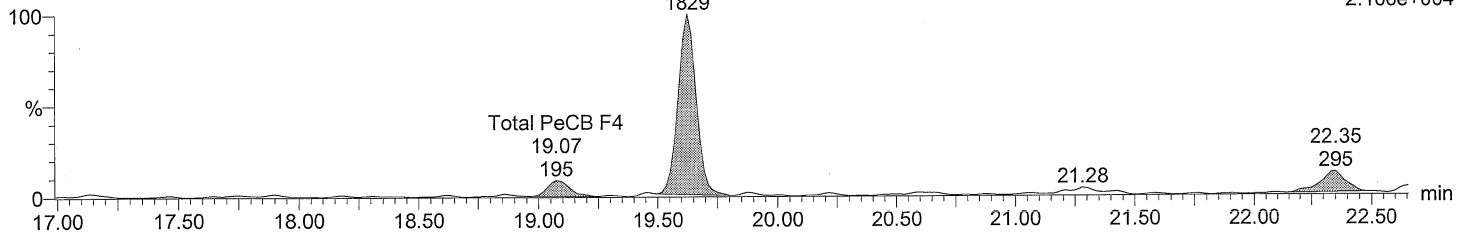


Total PeCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total PeCB F4  
19.63  
1829

F4:SIR of 14 channels,EI+  
327.8775  
2.106e+004



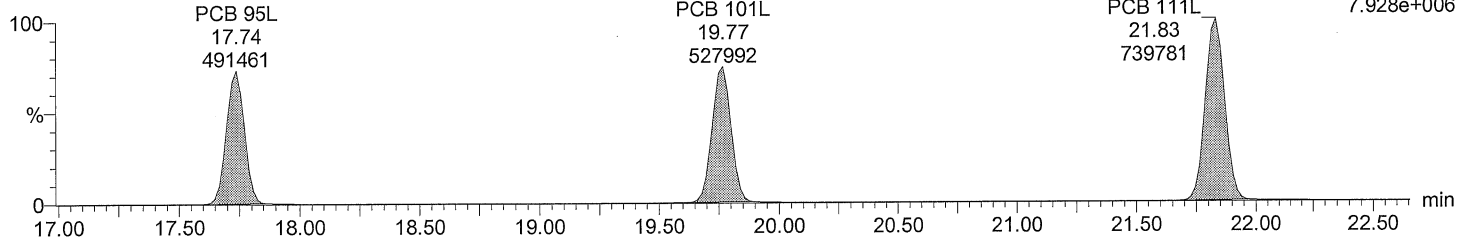
Total PeCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 101L  
19.77  
527992

PCB 111L  
21.83  
739781

F4:SIR of 14 channels,EI+  
337.9207  
7.928e+006



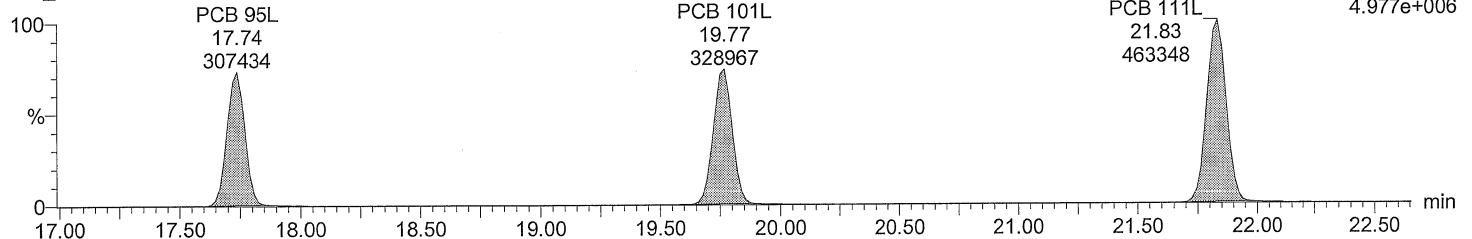
Total PeCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 101L  
19.77  
328967

PCB 111L  
21.83  
463348

F4:SIR of 14 channels,EI+  
339.9178  
4.977e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

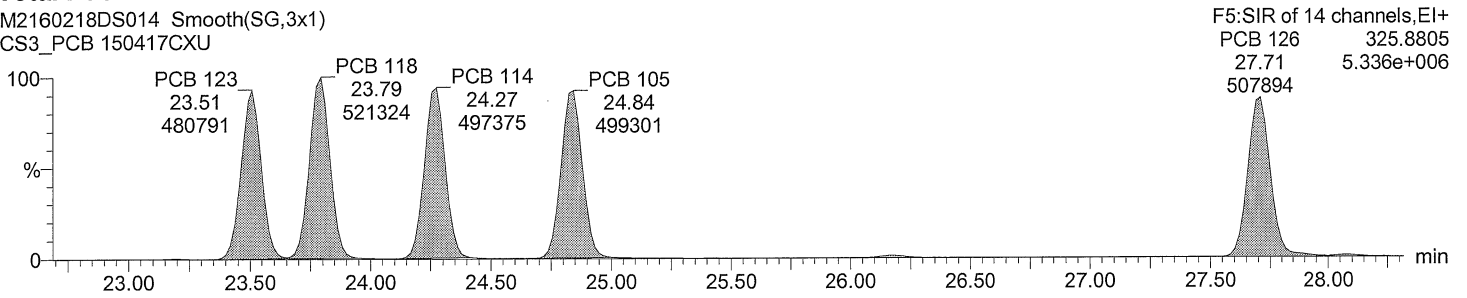
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

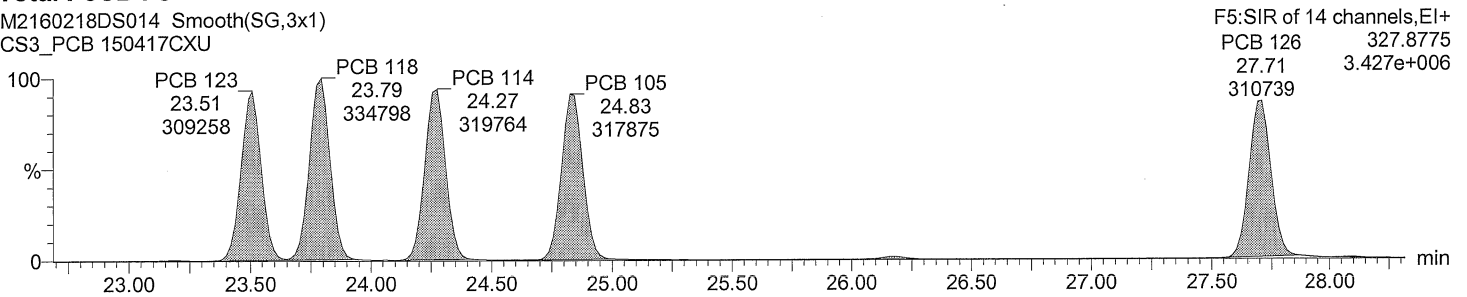
Total PeCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



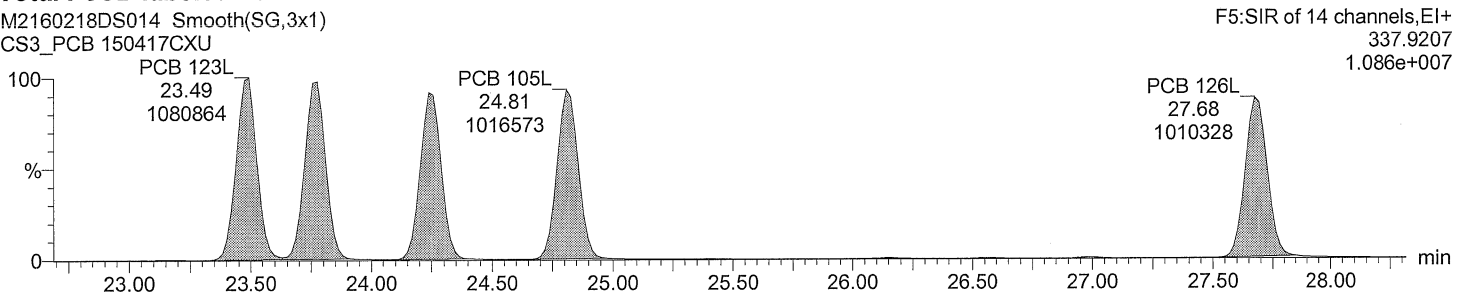
Total PeCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



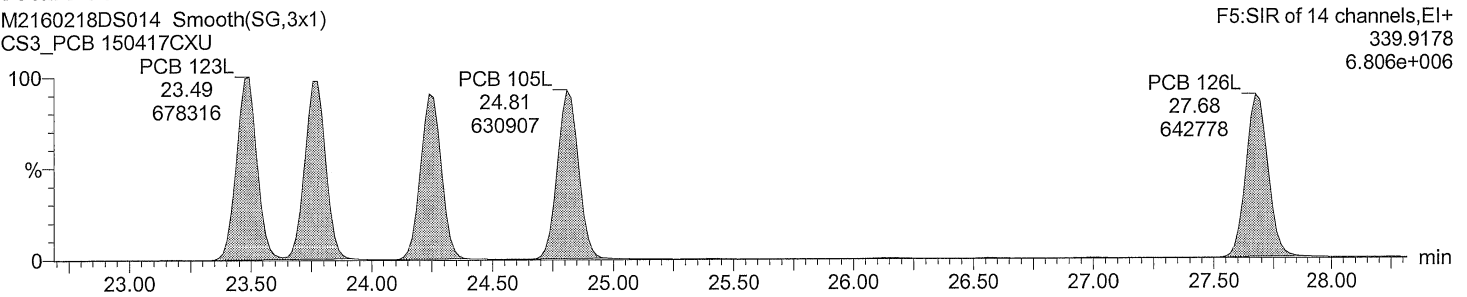
Total PeCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total PeCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

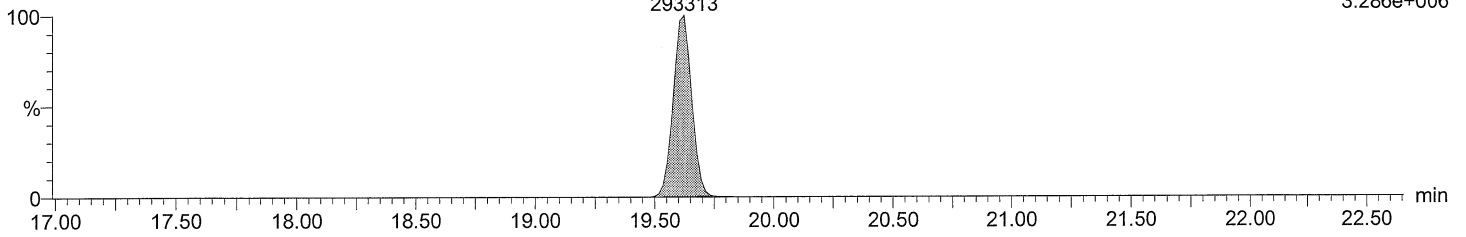
Instrument: Autospec-UltimaE

Total HxCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.63  
293313

F4:SIR of 14 channels,EI+  
359.8415  
3.286e+006

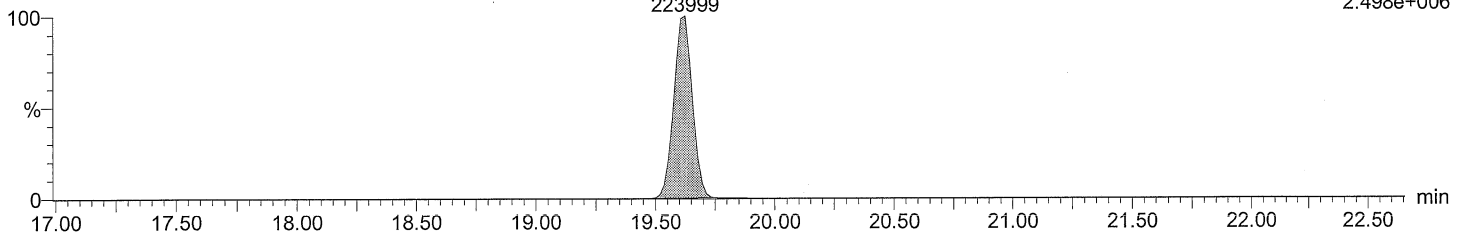


Total HxCB F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.63  
223999

F4:SIR of 14 channels,EI+  
361.8385  
2.498e+006

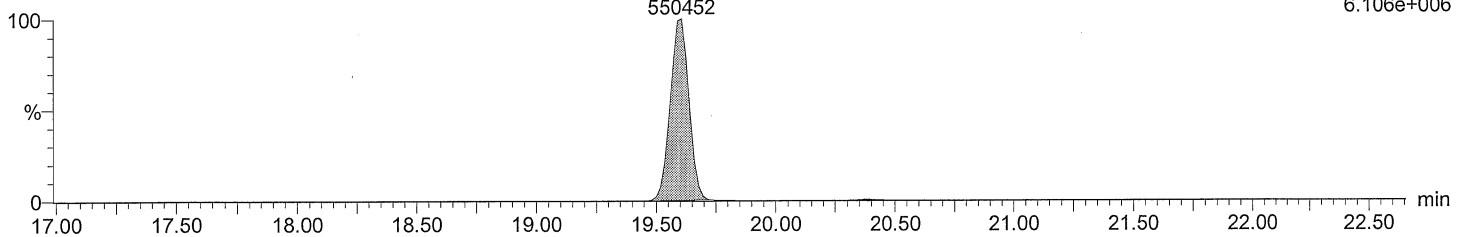


Total HxCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.61  
550452

F4:SIR of 14 channels,EI+  
371.8817  
6.106e+006

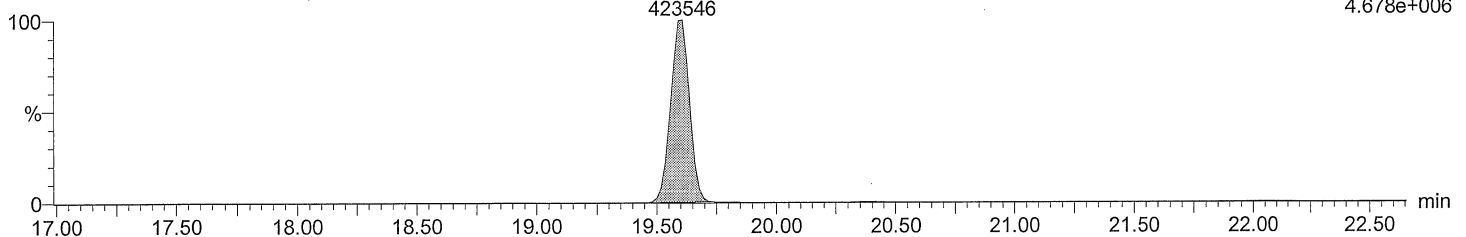


Total HxCB labeled F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.61  
423546

F4:SIR of 14 channels,EI+  
373.8788  
4.678e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

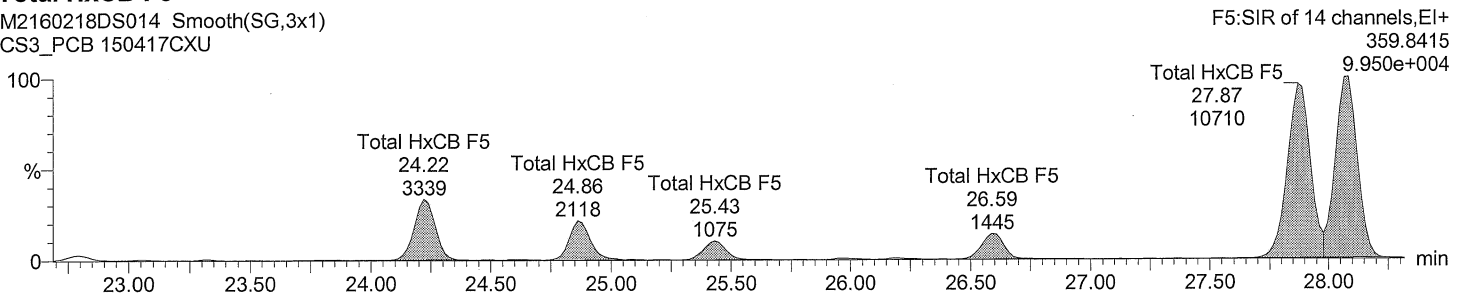
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

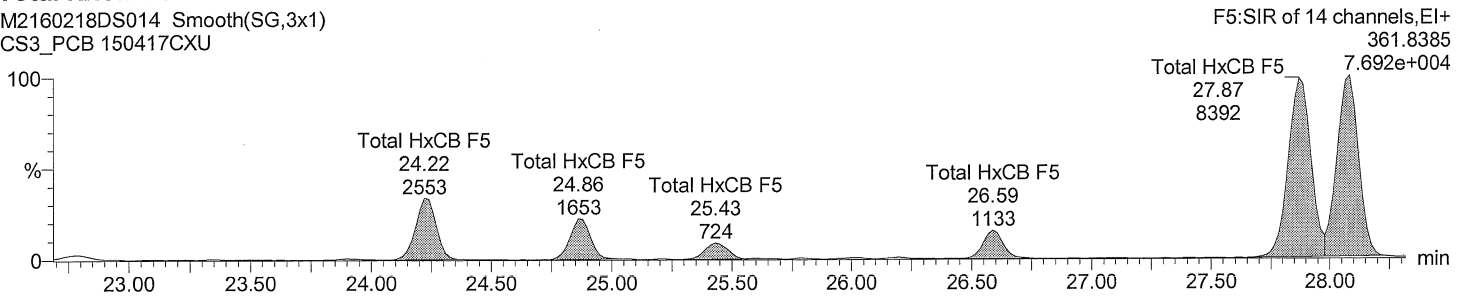
Total HxCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



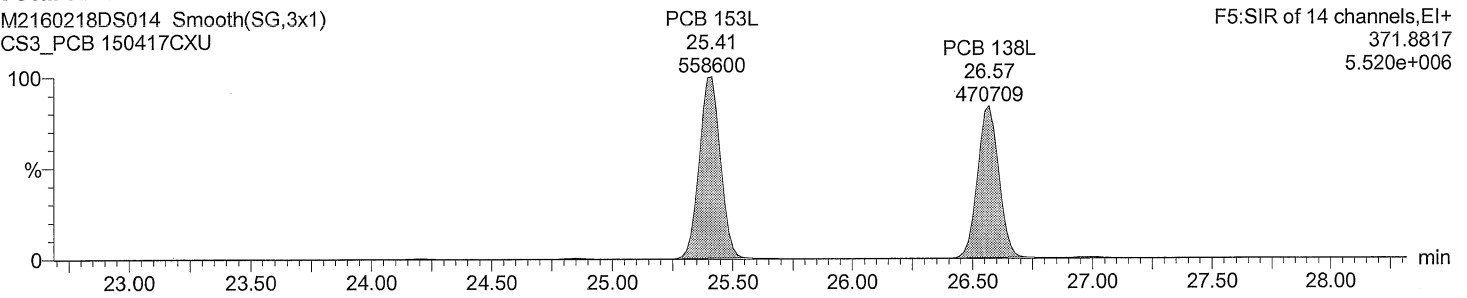
Total HxCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



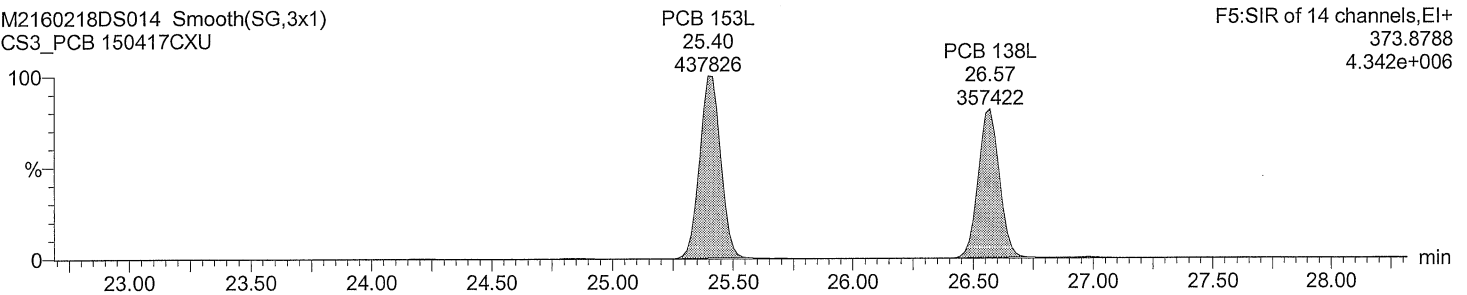
Total HxCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total HxCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

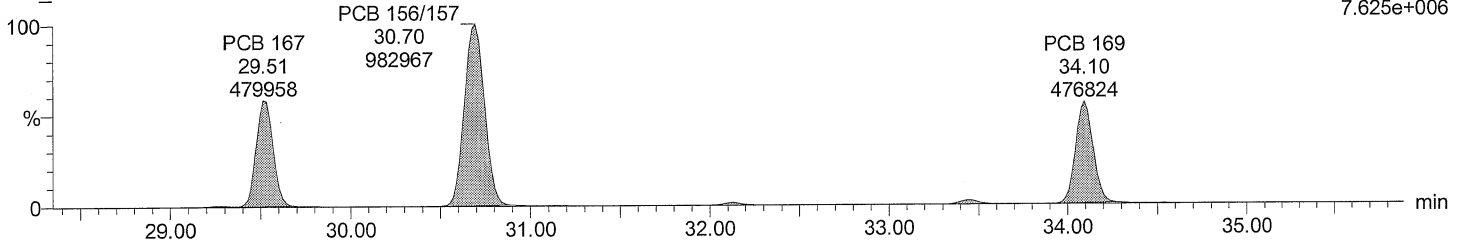
Time: 05:20:05

Instrument: Autospec-UltimaE

Total HxCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

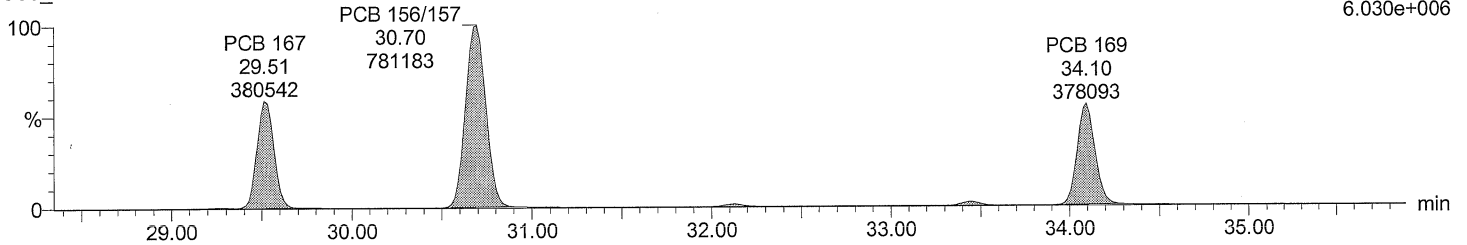
F6:SIR of 14 channels,EI+  
359.8415  
7.625e+006



Total HxCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

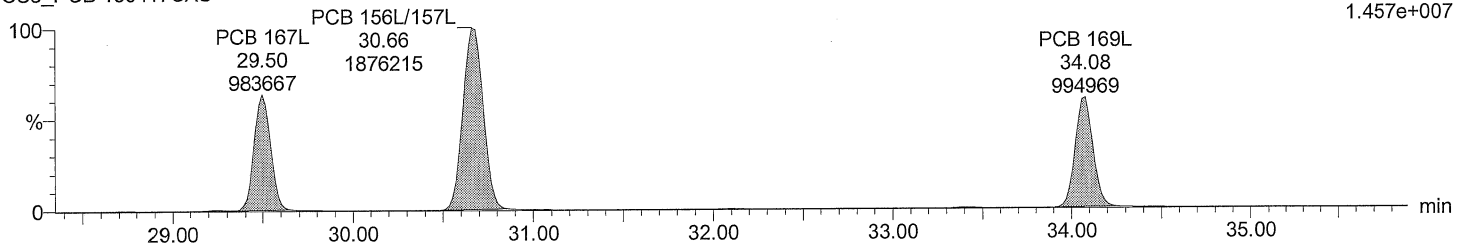
F6:SIR of 14 channels,EI+  
361.8385  
6.030e+006



Total HxCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

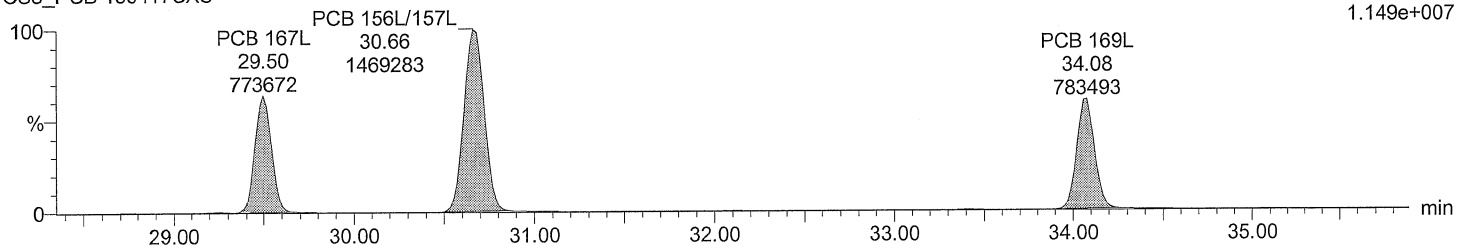
F6:SIR of 14 channels,EI+  
371.8817  
1.457e+007



Total HxCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
373.8788  
1.149e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

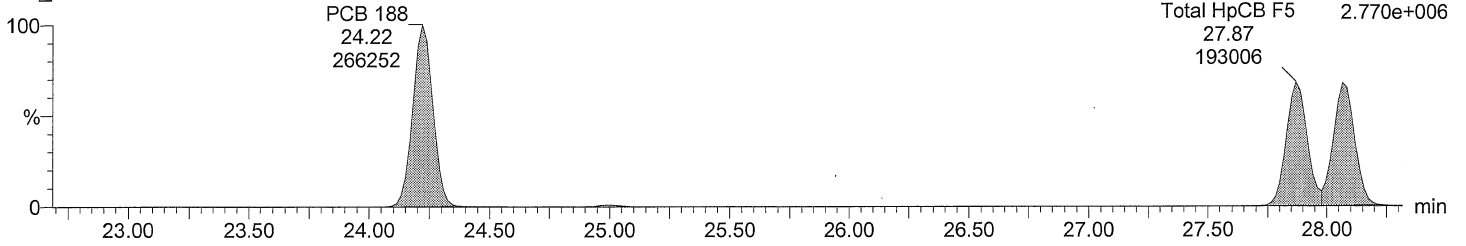
Time: 05:20:05

Instrument: Autospec-UltimaE

Total HpCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

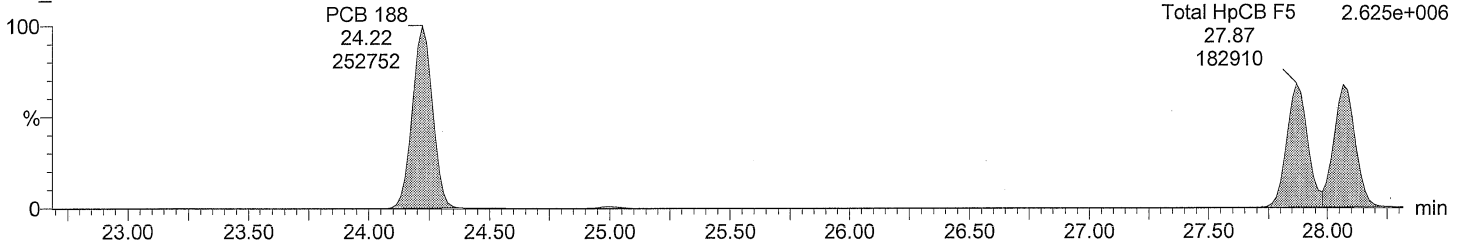
F5:SIR of 14 channels,EI+  
393.8025  
Total HpCB F5 2.770e+006  
27.87  
193006



Total HpCB F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

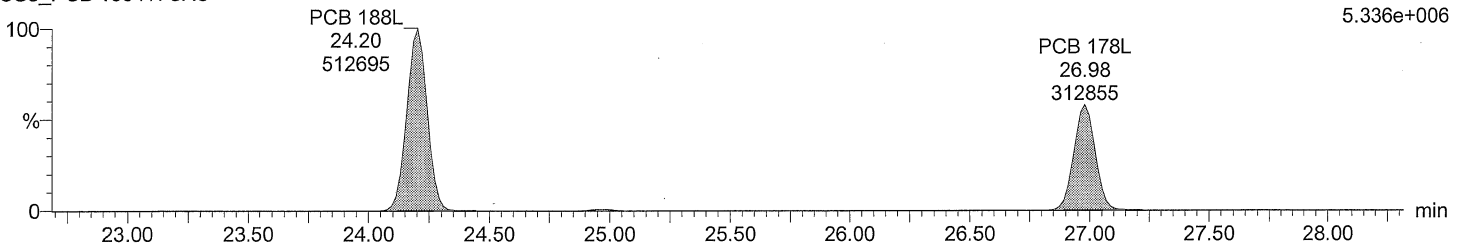
F5:SIR of 14 channels,EI+  
395.7995  
Total HpCB F5 2.625e+006  
27.87  
182910



Total HpCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

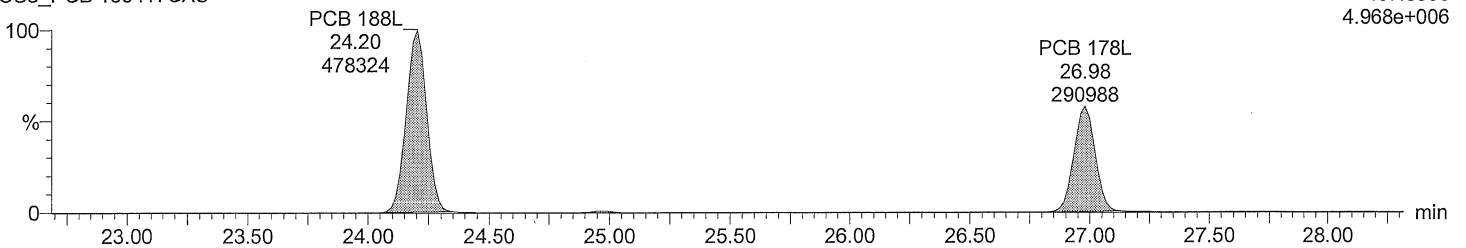
F5:SIR of 14 channels,EI+  
405.8428  
5.336e+006



Total HpCB labeled F5

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F5:SIR of 14 channels,EI+  
407.8398  
4.968e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

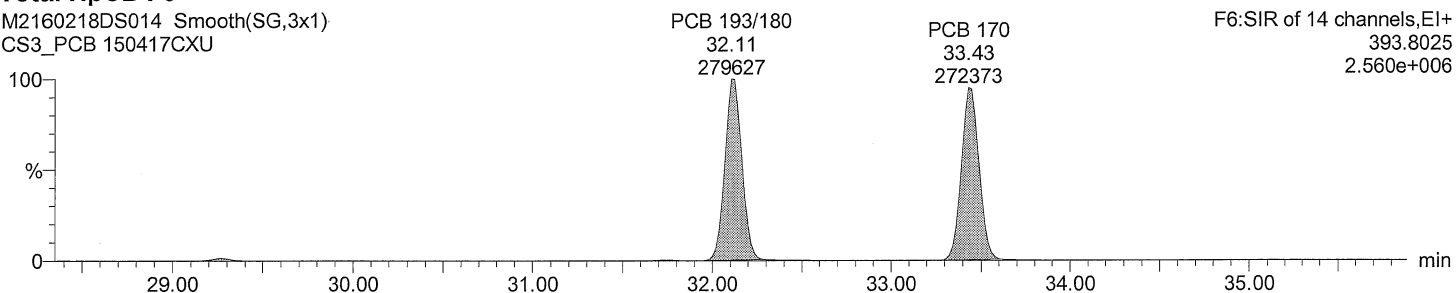
Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

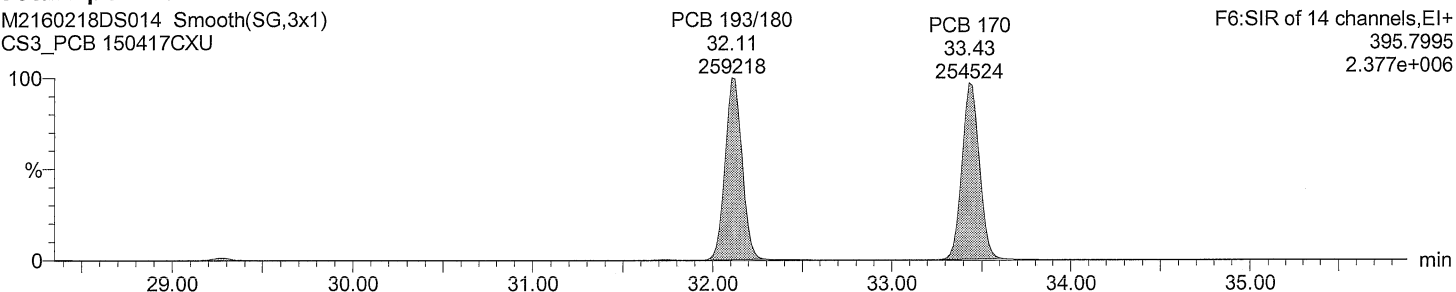
Total HpCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



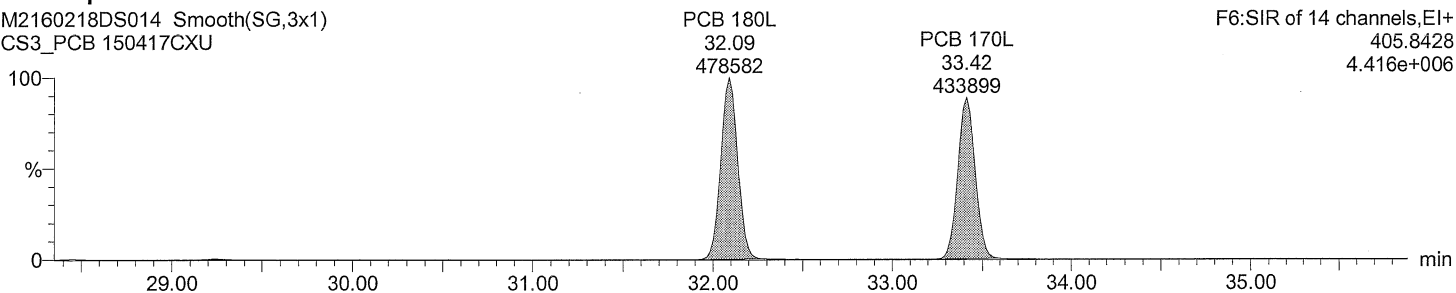
Total HpCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



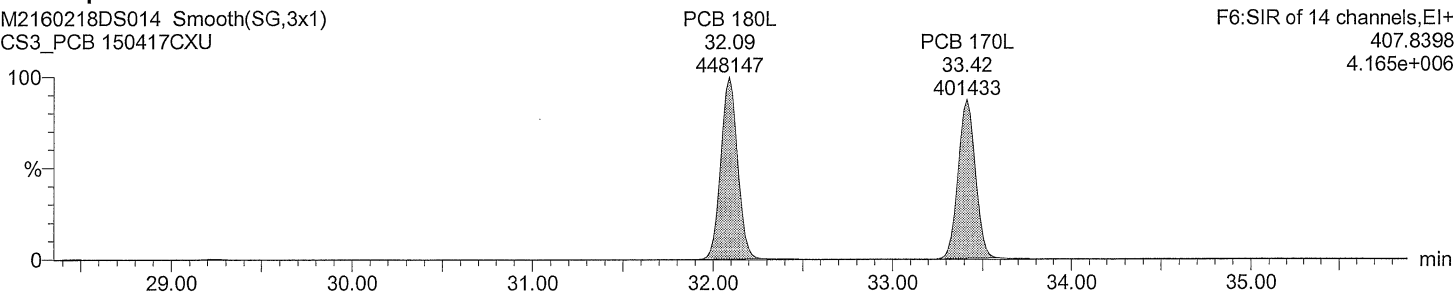
Total HpCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total HpCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

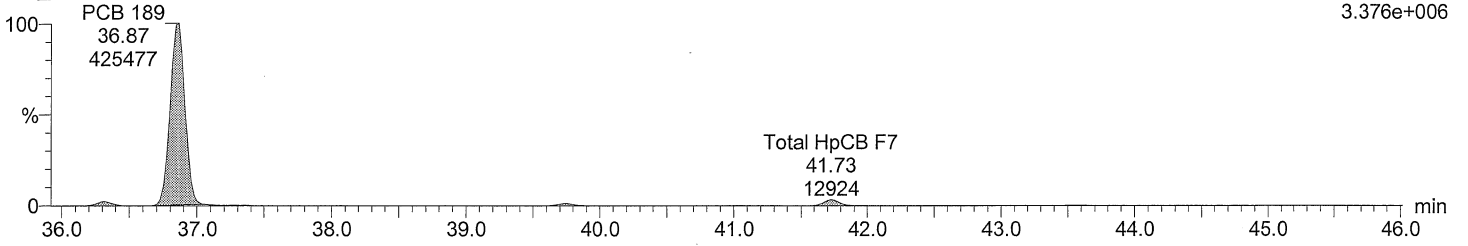
Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time  
Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 18-FEB-2016  
Time: 05:20:05  
Instrument: Autospec-UltimaE

Total HpCB F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

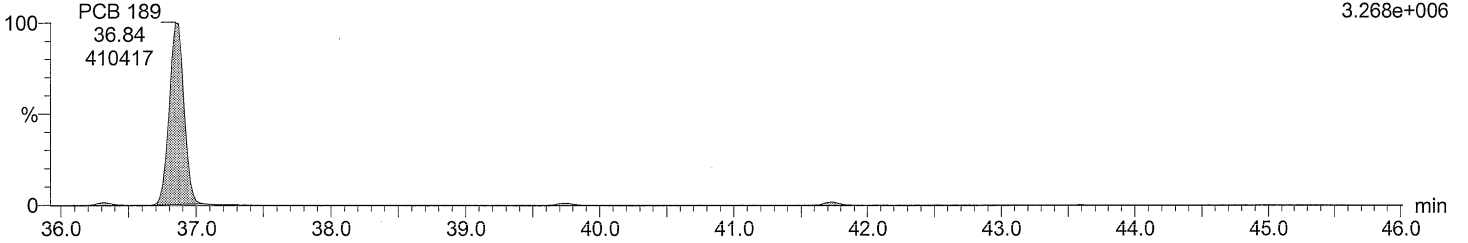
F7:SIR of 18 channels,EI+  
393.8025  
3.376e+006



Total HpCB F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

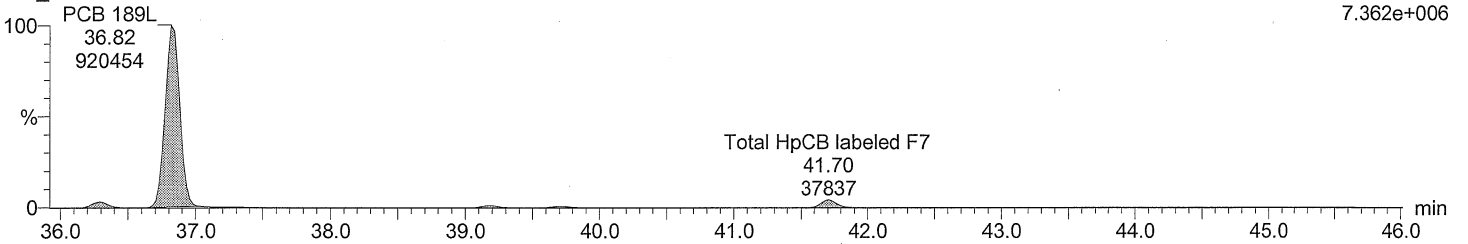
F7:SIR of 18 channels,EI+  
395.7995  
3.268e+006



Total HpCB labeled F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

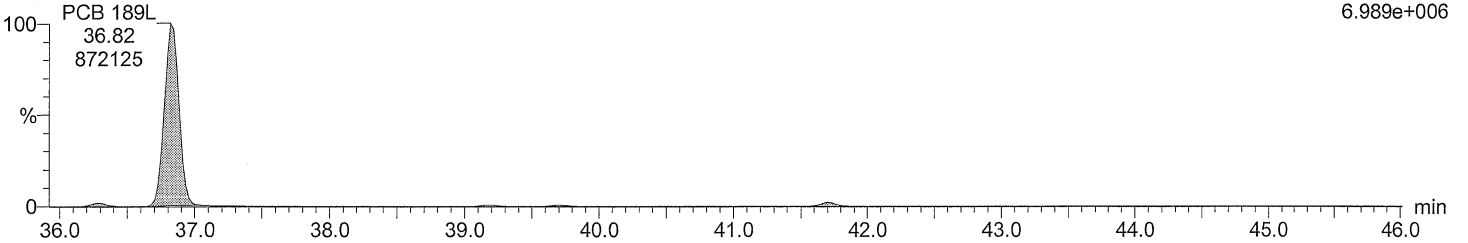
F7:SIR of 18 channels,EI+  
405.8428  
7.362e+006



Total HpCB labeled F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
407.8398  
6.989e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time  
Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

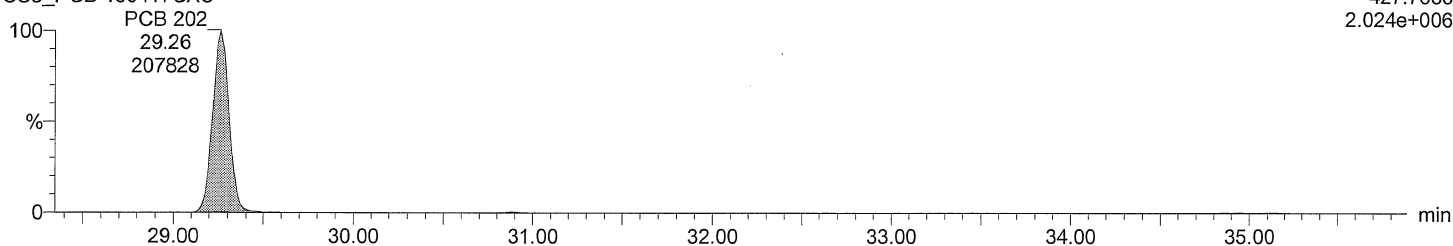
Time: 05:20:05

Instrument: Autospec-UltimaE

Total OcCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

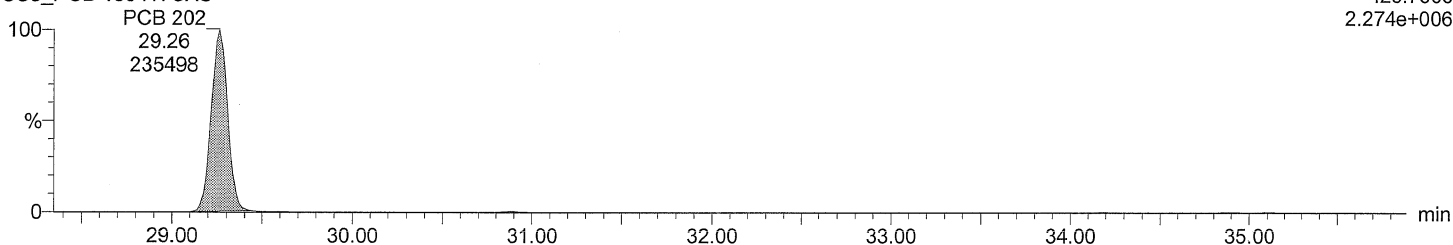
F6:SIR of 14 channels,EI+  
427.7635  
2.024e+006



Total OcCB F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

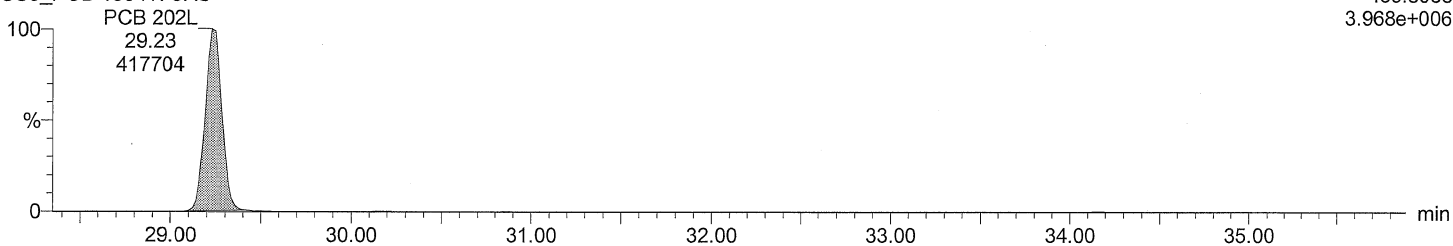
F6:SIR of 14 channels,EI+  
429.7606  
2.274e+006



Total OcCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

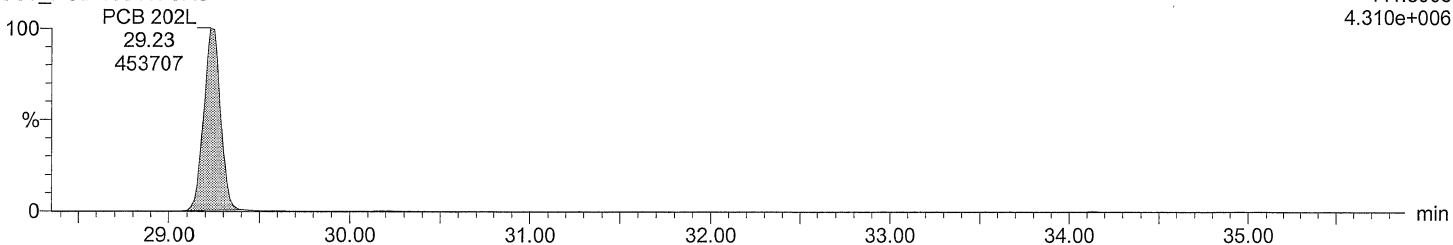
F6:SIR of 14 channels,EI+  
439.8038  
3.968e+006



Total OcCB labeled F6

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
441.8008  
4.310e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

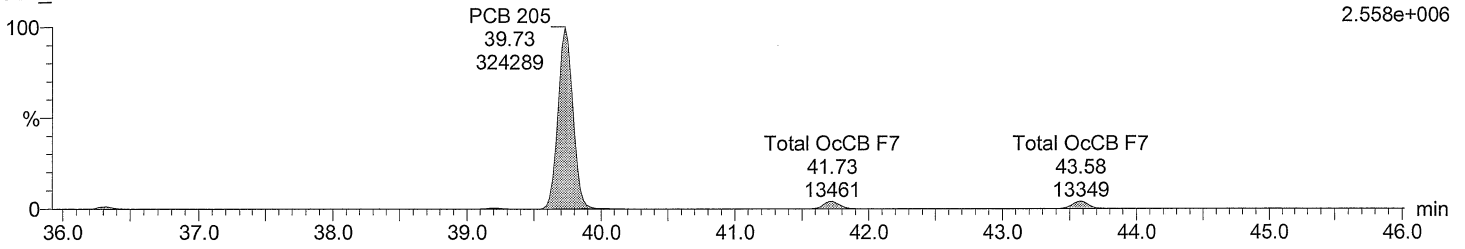
Time: 05:20:05

Instrument: Autospec-UltimaE

Total OcCB F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

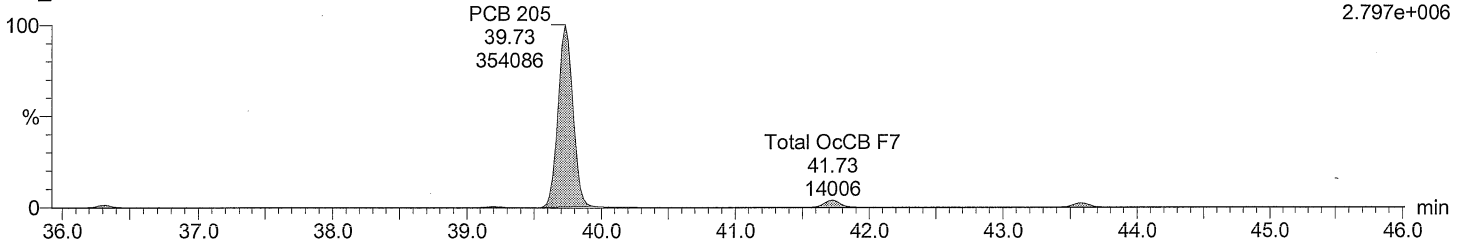
F7:SIR of 18 channels,EI+  
427.7635  
2.558e+006



Total OcCB F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

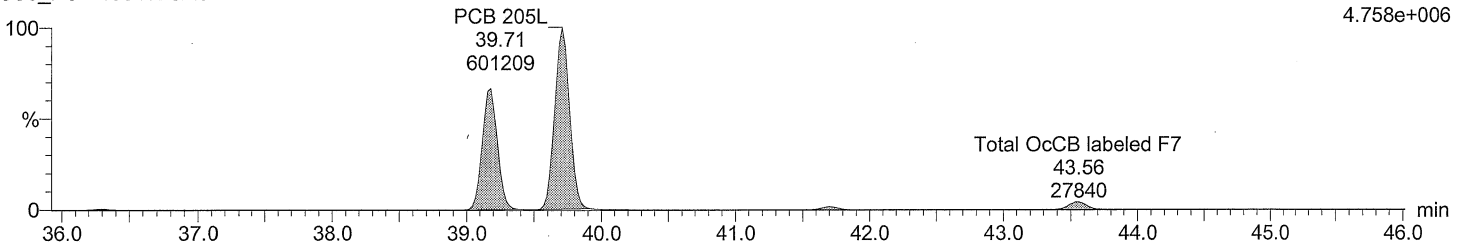
F7:SIR of 18 channels,EI+  
429.7606  
2.797e+006



Total OcCB labeled F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

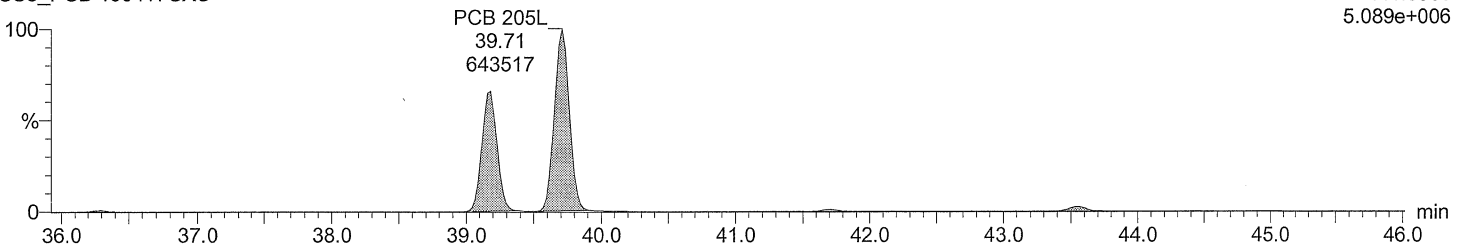
F7:SIR of 18 channels,EI+  
439.8038  
4.758e+006



Total OcCB labeled F7

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
441.8008  
5.089e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

Time: 05:20:05

Instrument: Autospec-UltimaE

Total NoCB F7

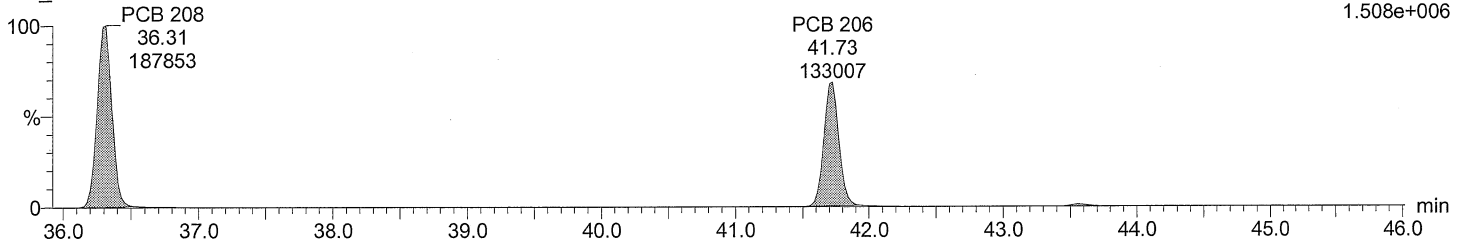
M2160218DS014 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+

461.7246

1.508e+006



Total NoCB F7

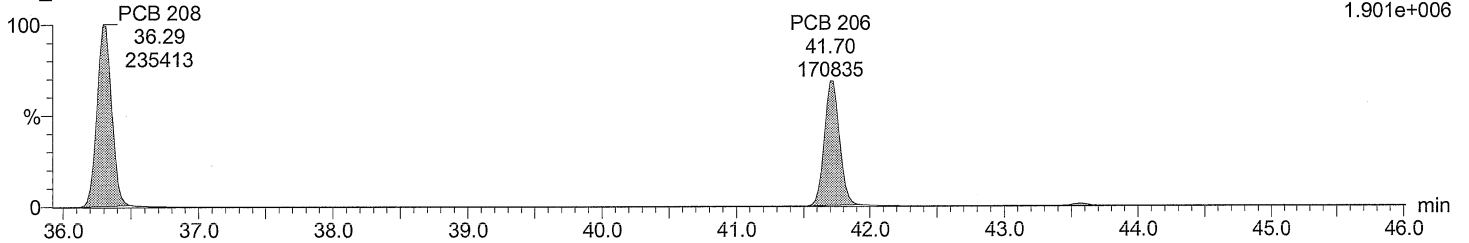
M2160218DS014 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+

463.7216

1.901e+006



Total NoCB labeled F7

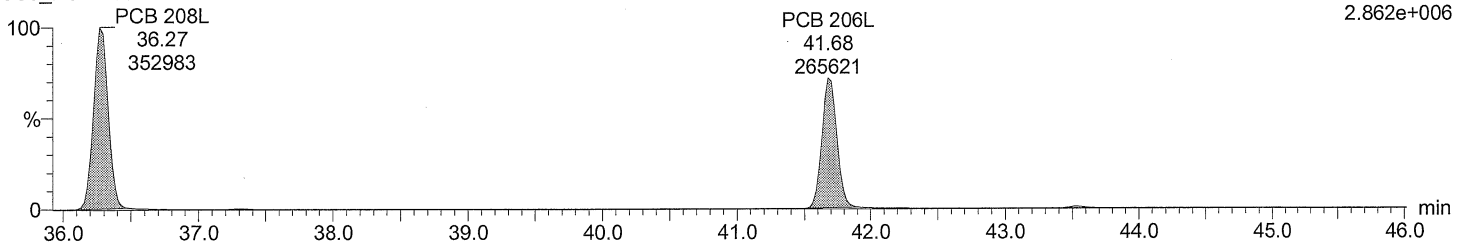
M2160218DS014 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+

473.7648

2.862e+006



Total NoCB labeled F7

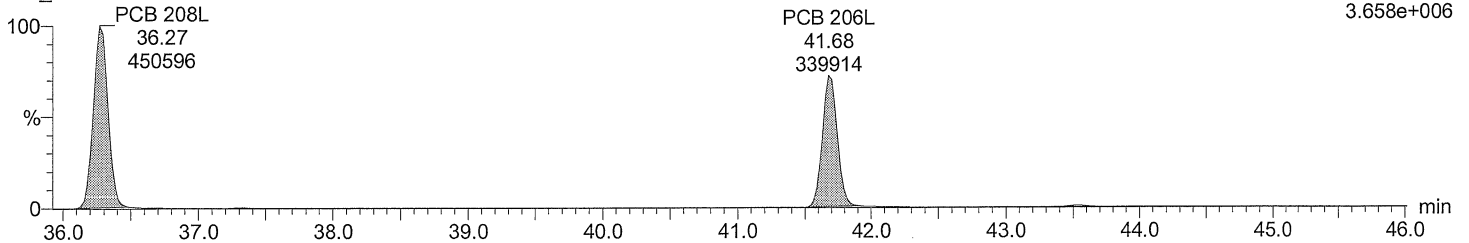
M2160218DS014 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+

475.7619

3.658e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

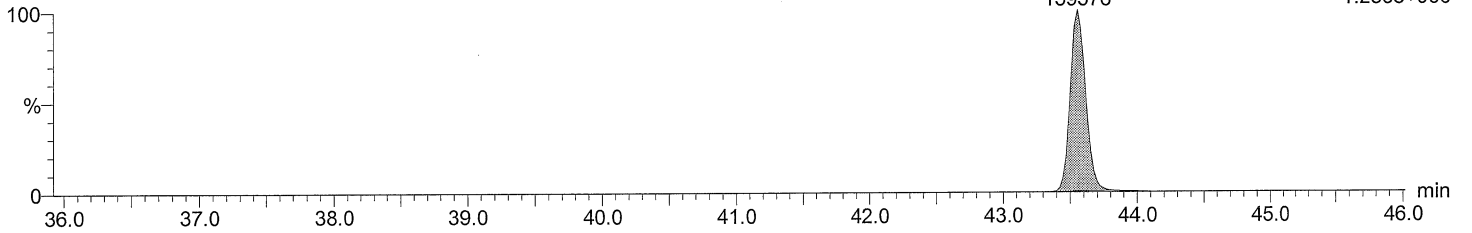
Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time  
Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 18-FEB-2016  
Time: 05:20:05  
Instrument: Autospec-UltimaE

**Total DeCB F7**

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

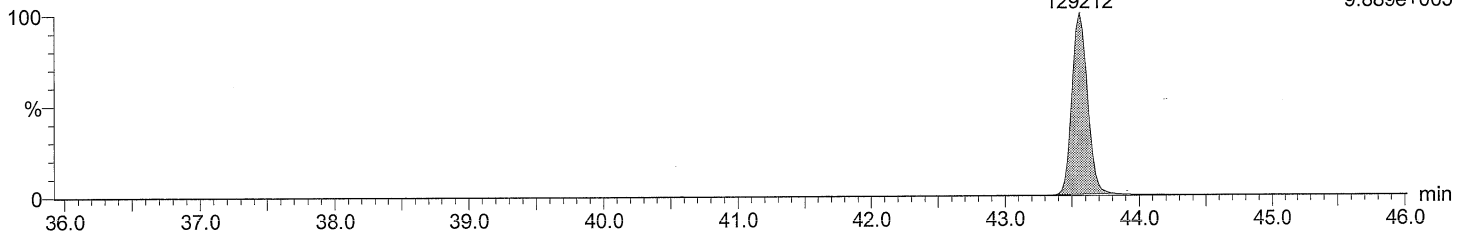
PCB 209  
43.56  
159576  
F7:SIR of 18 channels,EI+  
497.6826  
1.233e+006



**Total DeCB F7**

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

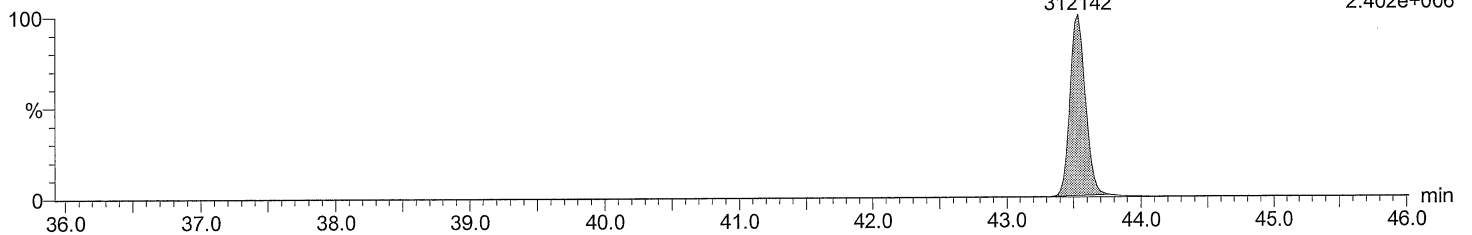
PCB 209  
43.56  
129212  
F7:SIR of 18 channels,EI+  
499.6797  
9.889e+005



**Total DeCB labeled F7**

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

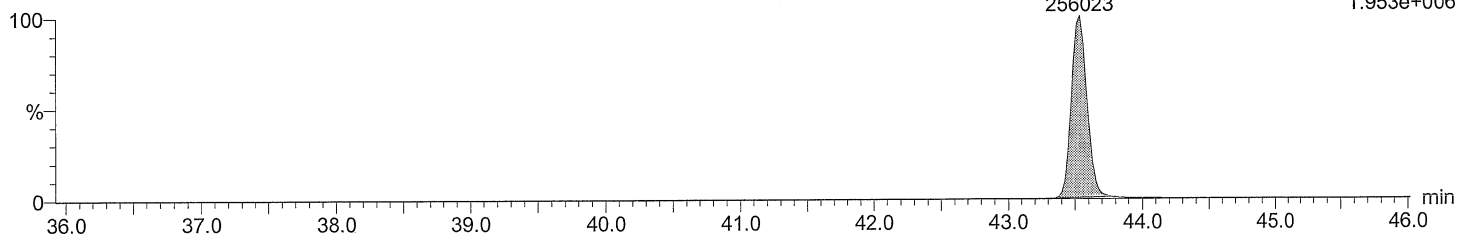
PCB 209L  
43.54  
312142  
F7:SIR of 18 channels,EI+  
509.7229  
2.402e+006



**Total DeCB labeled F7**

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 209L  
43.54  
256023  
F7:SIR of 18 channels,EI+  
511.7199  
1.953e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time  
Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 18-FEB-2016

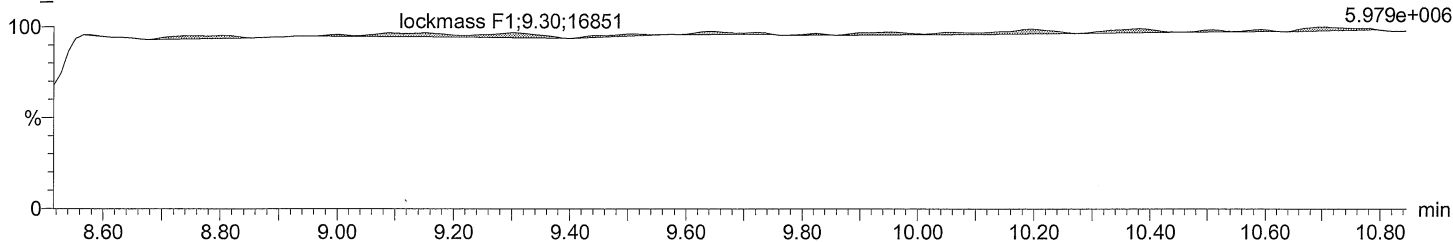
Time: 05:20:05

Instrument: Autospec-UltimaE

lockmass F1

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

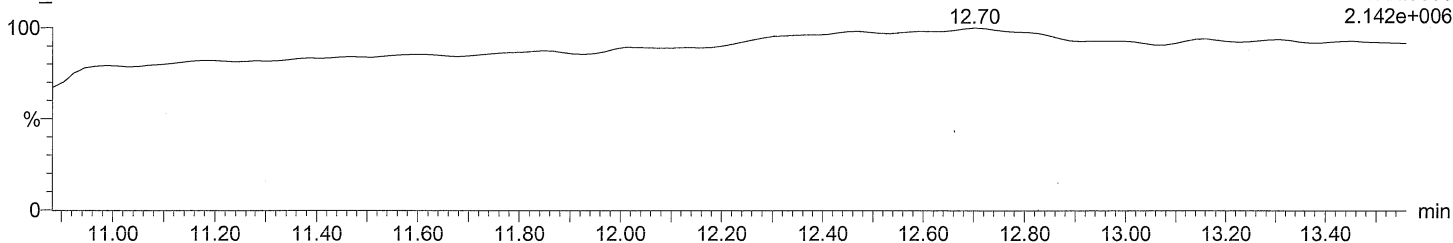
F1:SIR of 10 channels,EI+  
218.9856  
5.979e+006



lockmass F2

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

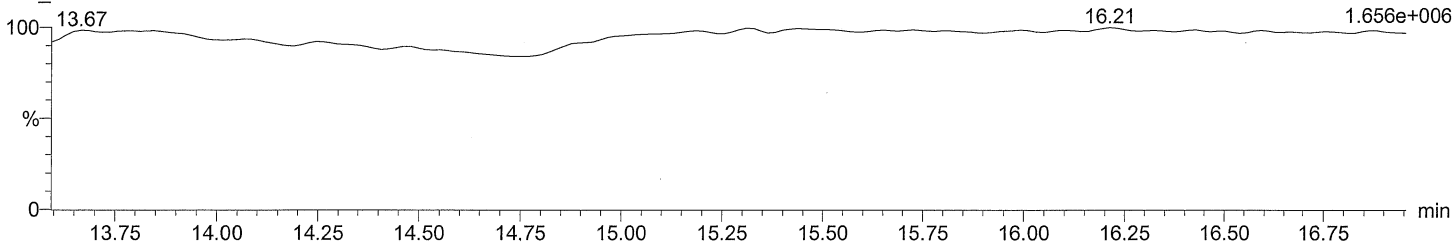
F2:SIR of 16 channels,EI+  
242.9856  
2.142e+006



lockmass F3

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

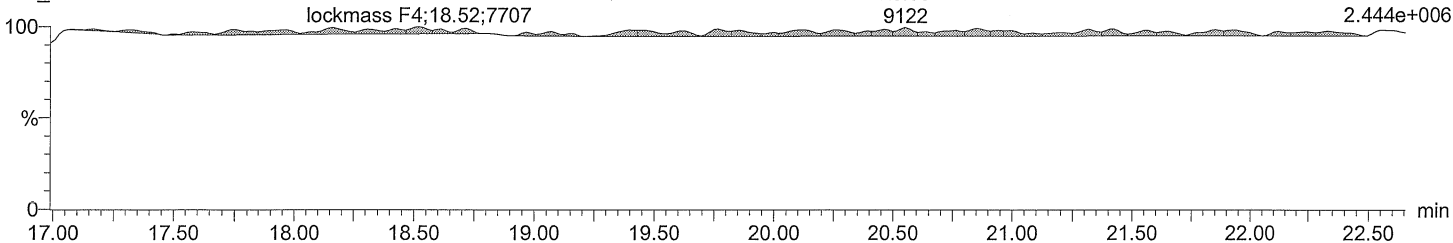
F3:SIR of 14 channels,EI+  
292.9824  
1.656e+006



lockmass F4

M2160218DS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F4  
20.55  
9122  
F4:SIR of 14 channels,EI+  
330.9792  
2.444e+006

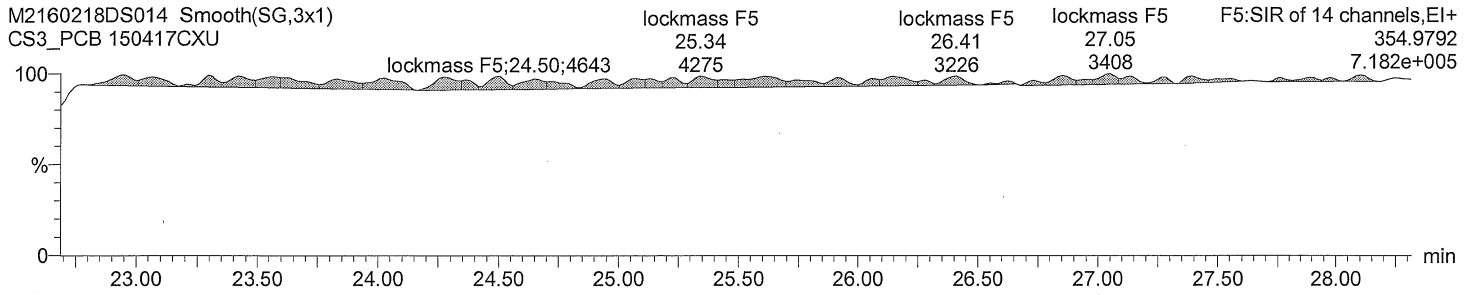


Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

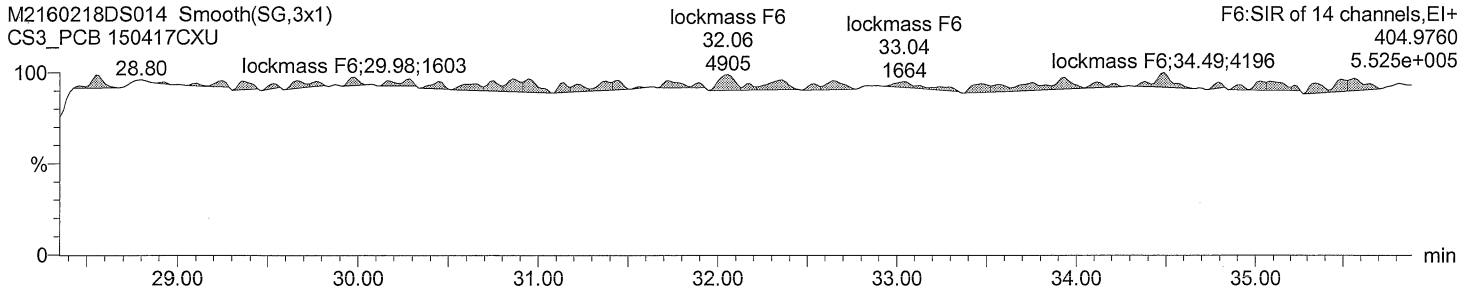
Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time  
Printed: February 19, 2016 9:50:07 AM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 18-FEB-2016  
Time: 05:20:05  
Instrument: Autospec-UltimaE

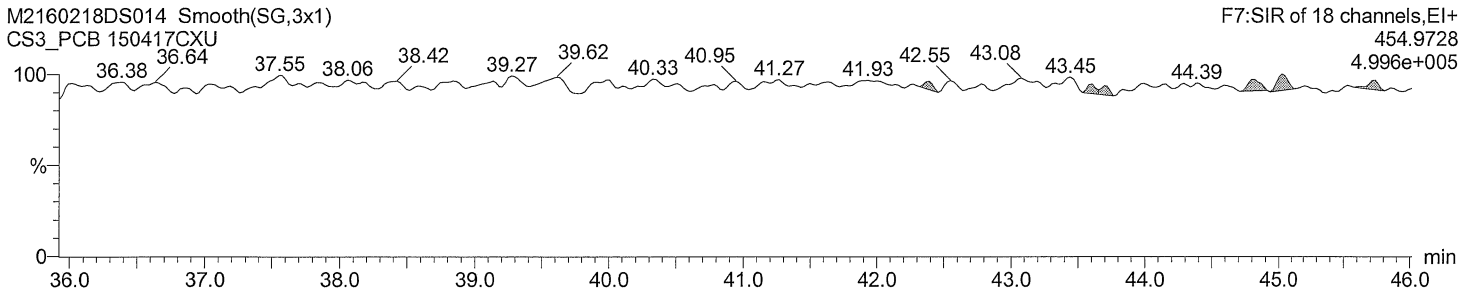
lockmass F5



lockmass F6



lockmass F7





Acquired Date

Dataset:            C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered:      February 19, 2016 9:49:40 AM Eastern Standard Time

Printed:            February 19, 2016 9:50:07 AM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
19-Feb-16	09:49:39	Process Integrate			
19-Feb-16	09:49:40	Process Quantify			
19-Feb-16	09:49:40	Dataset Created			
19-Feb-16	09:49:55	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:49:59 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: 18-FEB-2016

Time: 05:20:05

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	1.000	715944	228158	3.14	YES	bb	48.613	-2.8	97	29	1.052
2	PCB 3	10.18	1.001	746451	236696	3.15	YES	bd	50.297	0.6	101	30	1.085
3	PCB 4	10.30	1.001	331145	208876	1.59	YES	bb	52.110	4.2	104	31	0.994
4	PCB 15	12.93	1.000	621276	409515	1.52	YES	bb	54.782	9.6	110	32	0.954
5	PCB 19	11.68	1.002	260179	249716	1.04	YES	bb	52.068	4.1	104	33	0.936
6	PCB 37	16.68	1.000	514492	500944	1.03	YES	bb	51.102	2.2	102	34	0.925
7	PCB 54	13.06	1.000	237245	303666	0.78	YES	bb	53.145	6.3	106	35	0.968
8	PCB 81	21.42	1.001	421097	547378	0.77	YES	bb	51.851	3.7	104	36	1.065
9	PCB 77	21.87	1.001	415096	544280	0.76	YES	bb	50.588	1.2	101	37	1.090
10	PCB 104	15.92	1.001	325818	202711	1.61	YES	bb	52.628	5.3	105	38	1.152
11	PCB 123	23.51	1.001	480791	309258	1.55	YES	bd	50.208	0.4	100	39	0.898
12	PCB 118	23.79	1.001	521324	334798	1.56	YES	db	50.772	1.5	102	40	0.997
13	PCB 114	24.27	1.001	497375	319764	1.56	YES	bb	50.563	1.1	101	41	1.022
14	PCB 105	24.84	1.001	499301	317875	1.57	YES	bb	50.794	1.6	102	42	0.992
15	PCB 126	27.71	1.001	507894	310739	1.63	YES	bd	50.707	1.4	101	43	0.990
16	PCB 155	19.63	1.001	293313	223999	1.31	YES	bb	53.294	6.6	107	44	1.062
17	PCB 167	29.51	1.001	479958	380542	1.26	YES	db	51.769	3.5	104	45	0.979
18	PCB 156/157	30.70	1.001	982967	781183	1.26	YES	bb	103.693	3.7	104	46	1.055
19	PCB 169	34.10	1.001	476824	378093	1.26	YES	bb	50.366	0.7	101	47	0.961
20	PCB 188	24.22	1.001	266252	252752	1.05	YES	bb	51.754	3.5	104	48	1.047
21	PCB 193/180	32.11	1.001	279627	259218	1.08	YES	bb	51.055	2.1	102	49	1.163
22	PCB 170	33.43	1.001	272373	254524	1.07	YES	bb	49.629	-0.7	99	50	1.262
23	PCB 189	36.87	1.001	425477	410417	1.04	YES	bb	49.411	-1.2	99	51	0.933
24	PCB 202	29.26	1.001	207828	235498	0.88	YES	bb	51.515	3.0	103	52	1.017
25	PCB 205	39.73	1.001	324289	354086	0.92	YES	bb	49.974	-0.1	100	53	1.090
26	PCB 208	36.31	1.001	187853	235413	0.80	YES	bb	51.465	2.9	103	54	1.053
27	PCB 206	41.73	1.001	133007	170835	0.78	YES	bb	48.877	-2.2	98	55	1.004
28	PCB 209	43.56	1.001	159576	129212	1.23	YES	bb	48.879	-2.2	98	56	1.017
29	PCB 1L	8.99	0.804	1375534	419621	3.28	YES	bb	112.139	12.1	112	63	0.924
30	PCB 3L	10.17	0.910	1382516	429645	3.22	YES	bb	109.406	9.4	109	63	0.933
31	PCB 4L	10.28	0.920	664285	422056	1.57	YES	bb	103.023	3.0	103	63	0.559
32	PCB 15L	12.93	1.157	1338165	823334	1.63	YES	bb	103.534	3.5	104	63	1.112
33	PCB 19L	11.66	1.043	560832	528878	1.06	YES	bb	96.979	-3.0	97	63	0.561
34	PCB 37L	16.68	1.087	1124980	1069459	1.05	YES	bb	112.733	12.7	113	64	2.239
35	PCB 54L	13.06	0.851	497287	620486	0.80	YES	bb	87.930	-12.1	88	64	1.141
36	PCB 81L	21.41	1.395	807216	1011560	0.80	YES	bb	106.804	6.8	107	64	1.856
37	PCB 77L	21.85	1.424	783484	977001	0.80	YES	bb	107.130	7.1	107	64	1.797
38	PCB 104L	15.91	0.805	566215	351472	1.61	YES	bb	92.663	-7.3	93	65	1.071
39	PCB 123L	23.49	1.188	1080864	678316	1.59	YES	bd	106.043	6.0	106	65	2.053
40	PCB 118L	23.77	1.203	1054917	663104	1.59	YES	db	105.195	5.2	105	65	2.005
41	PCB 114L	24.24	1.226	988224	611419	1.62	YES	bb	105.293	5.3	105	65	1.867
42	PCB 105L	24.81	1.255	1016573	630907	1.61	YES	bb	105.492	5.5	105	65	1.922
43	PCB 126L	27.68	1.400	1010328	642778	1.57	YES	bb	111.154	11.2	111	65	1.929
44	PCB 155L	19.61	0.738	550452	423546	1.30	YES	bb	83.800	-16.2	84	66	1.176

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:49:59 AM Eastern Standard Time

**ID:**

**Date: 18-FEB-2016**

**Time: 05:20:05**

**Instrument: Autospec-UltimaE**

**Description: CS3\_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	983667	773672	1.27	YES	bb	100.579	0.6	101	66	2.122
46	PCB 156L/157L	30.66	1.154	1876215	1469283	1.28	YES	bb	210.309	5.2	105	66	2.020
47	PCB 169L	34.08	1.283	994969	783493	1.27	YES	bb	113.854	13.9	114	66	2.148
48	PCB 188L	24.20	0.911	512695	478324	1.07	YES	bb	90.019	-10.0	90	66	1.197
49	PCB 180L	32.09	0.819	478582	448147	1.07	YES	bb	82.318	-17.7	82	67	1.110
50	PCB 170L	33.42	0.853	433899	401433	1.08	YES	bb	84.789	-15.2	85	67	1.001
51	PCB 189L	36.82	0.940	920454	872125	1.06	YES	bb	99.537	-0.5	100	67	2.147
52	PCB 202L	29.23	0.746	417704	453707	0.92	YES	bb	73.539	-26.5	74	67	1.044
53	PCB 205L	39.71	1.013	601209	643517	0.93	YES	bb	97.370	-2.6	97	67	1.491
54	PCB 208L	36.27	0.926	352983	450596	0.78	YES	bb	84.480	-15.5	84	67	0.963
55	PCB 206L	41.68	1.064	265621	339914	0.78	YES	bb	95.498	-4.5	95	67	0.725
56	PCB 209L	43.54	1.111	312142	256023	1.22	YES	bb	93.963	-6.0	94	67	0.681
57	PCB 28L	14.39	0.938	1123130	1091118	1.03	YES	db	110.809	10.8	111	64	2.260
58	PCB 111L	21.83	1.105	739781	463348	1.60	YES	bb	104.536	4.5	105	65	1.404
59	PCB 178L	26.98	1.015	312855	290988	1.08	YES	bb	99.487	-0.5	99	66	0.729
60	PCB 31L	14.24	0.928	1082946	1043352	1.04	YES	bd	112.181	12.2	112	64	2.170
61	PCB 95L	17.74	0.897	491461	307434	1.60	YES	bb	98.527	-1.5	99	65	0.932
62	PCB 153L	25.41	0.956	558600	437826	1.28	YES	bb	98.212	-1.8	98	66	1.203
63	PCB 9L	11.17	0.000	1197598	745662	1.61	YES	bb	103.608	3.6	104	0	19432...
64	PCB 52L	15.35	0.000	431842	548042	0.79	YES	bb	99.423	-0.6	99	0	9798....
65	PCB 101L	19.77	0.000	527992	328967	1.61	YES	db	96.482	-3.5	96	0	8569....
66	PCB 138L	26.57	0.000	470709	357422	1.32	YES	bb	102.586	2.6	103	0	8281....
67	PCB 194L	39.18	0.000	405354	429459	0.94	YES	bb	127.821	27.8	128	0	8348....
68	Total MoCB F1								98.910			29	
69	Total MoCB labeled ...								221.545			63	
70	Total DiCB F1								52.110			31	
71	Total DiCB labeled F1								103.023			63	
72	Total DiCB F2								54.782			32	
73	Total DiCB labeled F2								207.142			63	
74	Total TriCB F2								52.068			33	
75	Total TriCB labeled F2								96.979			63	
76	Total TriCB F3								51.102			34	
77	Total TriCB labeled F3								335.722			64	
78	Total TeCB F2								53.145			35	
79	Total TeCB labeled F2								87.930			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								99.423			64	
82	Total TeCB F4								102.438			36	
83	Total TeCB labeled F4								213.934			64	
84	Total PeCB F3								52.628			38	
85	Total PeCB labeled F3								92.663			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								299.545			65	
88	Total PeCB F5								253.045			39	
89	Total PeCB labeled F5								533.177			65	
90	Total HxCB F4								53.294			44	
91	Total HxCB labeled F4								83.800			66	
92	Total HxCB F5											45	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDIM2160218DS014CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:40 AM Eastern Standard Time

Printed: February 19, 2016 9:49:59 AM Eastern Standard Time

**ID:**

**Date:** 18-FEB-2016

**Time:** 05:20:05

**Instrument:** Autospec-UltimaE

**Description:** CS3\_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5									200.798			66	
94	Total HxCB F6									205.828			45	
95	Total HxCB labeled F6									424.742			66	
96	Total HpCB F5									51.754			48	
97	Total HpCB labeled ...									189.506			67	
98	Total HpCB F6									100.684			49	
99	Total HpCB labeled ...									167.107			67	
100	Total HpCB F7									49.411			51	
101	Total HpCB labeled ...									99.537			67	
102	Total OcCB F6									51.515			52	
103	Total OcCB labeled ...									73.539			67	
104	Total OcCB F7									49.974			53	
105	Total OcCB labeled ...									225.191			67	
106	Total NoCB F7									100.342			54	
107	Total NoCB labeled ...									179.979			67	
108	Total DeCB F7									48.879			56	
109	Total DeCB labeled ...									93.963			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\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:23 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668\_M2160218D.mdb 19 Feb 2016 10:22:01

Calibration: 19 Feb 2016 11:38:57

ID:

Date: 18-FEB-2016

Time: 19:17:33

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	1.000	379682	117600	3.23	YES	bb	24.970	-0.1	100	165	1.081
2	PCB 2	10.10	0.993	425256	132746	3.20	YES	bd	25.000	0.0	100		1.200
3	PCB 3	10.19	1.001	398082	124271	3.20	YES	dd	25.788	3.2	103	166	1.113
4	PCB 4	10.30	1.001	184850	118602	1.56	YES	bd	26.564	6.3	106	167	1.014
5	PCB 10	10.37	1.008	327793	207660	1.58	YES	db	25.000	0.0	100		1.229
6	PCB 9	11.19	1.087	344794	226316	1.52	YES	bd	25.000	0.0	100		1.311
7	PCB 7	11.27	1.095	308230	199350	1.55	YES	dd	25.000	0.0	100		1.165
8	PCB 6	11.35	1.104	347619	226990	1.53	YES	dd	25.000	0.0	100		1.319
9	PCB 5	11.50	1.118	255288	172906	1.48	YES	MM	25.000	0.0	100		0.983
10	PCB 8	11.56	1.124	384006	250504	1.53	YES	MM	25.000	0.0	100		1.456
11	PCB 14	12.25	0.948	351409	228751	1.54	YES	bd	25.000	0.0	100		1.332
12	PCB 11	12.65	0.979	338644	221123	1.53	YES	dd	25.000	-0.0	100		1.285
13	PCB 13/12	12.80	0.990	633045	421632	1.50	YES	dd	50.000	0.0	100		1.210
14	PCB 15	12.94	1.002	339658	229162	1.48	YES	ds	28.557	14.2	114	168	0.994
15	PCB 19	11.69	1.002	132115	128575	1.03	YES	bb	24.676	-1.3	99	169	0.887
16	PCB 30/18	12.48	1.070	394367	379742	1.04	YES	bd	50.000	0.0	100		0.813
17	PCB 17	12.69	1.088	165833	159124	1.04	YES	dd	25.000	-0.0	100		0.683
18	PCB 27	12.77	1.095	243428	233443	1.04	YES	dd	25.000	0.0	100		1.002
19	PCB 24	12.86	1.102	206604	200391	1.03	YES	MM	25.000	0.0	100		0.855
20	PCB 16	12.90	1.106	123524	114704	1.08	YES	MM	25.000	0.0	100		0.501
21	PCB 32	13.13	1.125	263946	256125	1.03	YES	db	25.000	0.0	100		1.093
22	PCB 34	13.73	1.177	297352	290474	1.02	YES	bd	25.000	-0.0	100		1.235
23	PCB 23	13.82	1.185	249162	242140	1.03	YES	dd	25.000	0.0	100		1.033
24	PCB 26/29	13.98	1.199	584829	577384	1.01	YES	dd	50.000	0.0	100		1.221
25	PCB 25	14.09	0.845	319700	315193	1.01	YES	dd	25.000	0.0	100		1.334
26	PCB 31	14.25	0.855	320890	314498	1.02	YES	dd	25.000	0.0	100		1.335
27	PCB 28/20	14.42	0.865	570221	562792	1.01	YES	dd	50.000	0.0	100		1.191
28	PCB 21/33	14.52	0.871	603491	591093	1.02	YES	MM	50.000	0.0	100		1.255
29	PCB 22	14.76	0.885	270028	266243	1.01	YES	db	25.000	-0.0	100		1.127
30	PCB 36	15.59	0.935	376192	370676	1.01	YES	dd	25.000	0.0	100		1.570
31	PCB 39	15.81	0.948	316958	311338	1.02	YES	dd	25.000	0.0	100		1.320
32	PCB 38	16.17	0.970	346484	337783	1.03	YES	dd	25.000	0.0	100		1.438
33	PCB 35	16.44	0.986	385950	373957	1.03	YES	dd	25.000	0.0	100		1.597
34	PCB 37	16.69	1.001	304401	300608	1.01	YES	db	25.394	1.6	102	170	0.920
35	PCB 54	13.07	1.002	346273	452507	0.77	YES	bb	52.718	5.4	105	171	0.960
36	PCB 53/50	14.11	1.081	578343	746203	0.78	YES	bd	100.000	0.0	100		0.654
37	PCB 45/51	14.49	1.111	560192	720977	0.78	YES	dd	100.000	0.0	100		0.633
38	PCB 46	14.63	1.122	244827	315613	0.78	YES	db	50.000	0.0	100		0.554
39	PCB 52	15.37	1.178	369031	475208	0.78	YES	bd	50.000	0.0	100		0.834
40	PCB 73	15.45	1.184	363065	460221	0.79	YES	dd	50.000	0.0	100		0.813
41	PCB 43	15.52	1.190	229695	293059	0.78	YES	dd	50.000	0.0	100		0.516
42	PCB 69/49	15.63	1.198	757639	965527	0.78	YES	dd	100.000	0.0	100		0.851
43	PCB 48	15.83	1.213	299533	381958	0.78	YES	dd	50.000	0.0	100		0.673
44	PCB 44/47/65	15.97	1.224	1048639	1329427	0.79	YES	dd	150.000	0.0	100		0.783

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:23 AM Eastern Standard Time

ID:

Date: 18-FEB-2016

Time: 19:17:33

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	1358303	1728222	0.79	YES	dd	150.000	0.0	100		1.017
46 PCB 42	16.28	1.248	305707	384141	0.80	YES	dd	50.000	0.0	100		0.682
47 PCB 40/41/71	16.57	1.270	971705	1225306	0.79	YES	dd	150.000	0.0	100		0.724
48 PCB 64	16.71	1.281	413022	520045	0.79	YES	db	50.000	0.0	100		0.922
49 PCB 72	17.19	0.803	573447	746663	0.77	YES	bd	50.000	0.0	100		1.304
50 PCB 68	17.39	0.813	533506	701388	0.76	YES	dd	50.000	-0.0	100		1.220
51 PCB 57	17.67	0.826	532476	703414	0.76	YES	dd	50.000	0.0	100		1.221
52 PCB 58	17.82	0.833	452353	595624	0.76	YES	dd	50.000	0.0	100		1.035
53 PCB 67	17.94	0.838	590547	772320	0.76	YES	dd	50.000	0.0	100		1.347
54 PCB 63	18.12	0.847	548732	719005	0.76	YES	dd	50.000	0.0	100		1.253
55 PCB 61/70/74/76	18.33	0.857	1934412	2554036	0.76	YES	dd	200.000	-0.0	100		1.109
56 PCB 66	18.57	0.868	542533	714003	0.76	YES	dd	50.000	-0.0	100		1.241
57 PCB 55	18.69	0.873	435137	574558	0.76	YES	MM	50.000	0.0	100		0.998
58 PCB 56	19.05	0.890	433142	574324	0.75	YES	dd	50.000	0.0	100		0.995
59 PCB 60	19.21	0.898	431416	568142	0.76	YES	dd	50.000	0.0	100		0.988
60 PCB 80	19.46	0.909	540546	697994	0.77	YES	dd	50.000	0.0	100		1.224
61 PCB 79	20.61	0.963	641257	838344	0.76	YES	db	50.000	0.0	100		1.462
62 PCB 78	21.06	0.984	562373	740234	0.76	YES	bs	50.000	0.0	100		1.287
63 PCB 81	21.42	1.001	567239	745271	0.76	YES	MM	57.201	14.4	114	172	1.175
64 PCB 77	21.86	1.001	503357	639834	0.79	YES	dd	48.804	-2.4	98	173	1.051
65 PCB 104	15.93	1.001	463630	295438	1.57	YES	bd	47.019	-6.0	94	174	1.029
66 PCB 96	16.15	1.015	514616	319523	1.61	YES	db	50.000	0.0	100		0.874
67 PCB 103	17.32	1.088	430449	274826	1.57	YES	bd	50.000	0.0	100		0.739
68 PCB 94	17.46	1.097	317101	198244	1.60	YES	dd	50.000	0.0	100		0.540
69 PCB 95	17.75	1.115	400126	251517	1.59	YES	dd	50.000	0.0	100		0.683
70 PCB 100/93/102/98	17.91	1.125	1452854	910839	1.60	YES	MM	200.000	0.0	100		0.619
71 PCB 88/91	18.32	1.151	732880	460424	1.59	YES	dd	100.000	0.0	100		0.625
72 PCB 84	18.50	1.162	313572	196222	1.60	YES	dd	50.000	0.0	100		0.534
73 PCB 89	18.83	1.183	342205	213570	1.60	YES	dd	50.000	0.0	100		0.582
74 PCB 121	19.08	1.199	447866	278662	1.61	YES	dd	50.000	0.0	100		0.761
75 PCB 92	19.35	1.216	351066	219542	1.60	YES	dd	50.000	0.0	100		0.598
76 PCB 113/90/101	19.76	1.242	1249488	784552	1.59	YES	ds	150.000	0.0	100		0.710
77 PCB 83/99	20.22	1.271	731715	457970	1.60	YES	MM	100.000	0.0	100		0.623
78 PCB 112	20.33	1.277	485602	295844	1.64	YES	dd	50.000	0.0	100		0.819
79 PCB 109/119/86/97/...	20.61	1.295	2555802	1604250	1.59	YES	ds	300.000	0.0	100		0.726
80 PCB 117/116/85	21.20	1.332	1397601	880473	1.59	YES	MM	150.000	0.0	100		0.796
81 PCB 110/115	21.31	1.339	886716	544451	1.63	YES	MM	100.000	0.0	100		0.750
82 PCB 82	21.58	1.356	329997	208771	1.58	YES	dd	50.000	0.0	100		0.564
83 PCB 111	21.84	1.372	475216	296727	1.60	YES	dd	50.000	0.0	100		0.809
84 PCB 120	22.24	1.397	556760	350594	1.59	YES	dd	50.000	0.0	100		0.951
85 PCB 108/124	23.20	0.988	1301713	840800	1.55	YES	dd	100.000	0.0	100		1.122
86 PCB 107	23.41	0.997	664796	430352	1.54	YES	dd	50.000	0.0	100		1.147
87 PCB 123	23.50	1.001	622967	401428	1.55	YES	dd	54.774	9.5	110	175	0.980
88 PCB 106	23.62	1.006	715939	446721	1.60	YES	dd	50.000	0.0	100		1.218
89 PCB 118	23.78	1.001	611434	405843	1.51	YES	dd	50.570	1.1	101	176	0.993
90 PCB 122	24.09	1.013	627032	402483	1.56	YES	dd	50.000	-0.0	100		1.079
91 PCB 114	24.27	1.001	645088	412823	1.56	YES	dd	54.480	9.0	109	177	1.101
92 PCB 105	24.84	1.001	722184	453707	1.59	YES	db	59.986	20.0	120	178	1.172

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

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ID:

Date: 18-FEB-2016

Time: 19:17:33

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	715681	458749	1.56	YES	dd	50.000	-0.0	100		1.230
94 PCB 126	27.70	1.001	637547	407928	1.56	YES	bd	53.738	7.5	107	179	1.050
95 PCB 155	19.62	1.001	394664	310467	1.27	YES	bd	50.609	1.2	101	180	1.009
96 PCB 152	19.78	1.009	441796	347882	1.27	YES	dd	50.000	0.0	100		0.813
97 PCB 150	19.90	1.015	355120	276013	1.29	YES	dd	50.000	0.0	100		0.650
98 PCB 136	20.17	1.029	415102	324016	1.28	YES	dd	50.000	0.0	100		0.761
99 PCB 145	20.40	1.041	359778	282466	1.27	YES	db	50.000	0.0	100		0.662
100 PCB 148	21.54	1.099	299791	234934	1.28	YES	bb	50.000	0.0	100		0.551
101 PCB 151/135	22.04	1.125	566066	442094	1.28	YES	bd	100.000	0.0	100		0.519
102 PCB 154	22.22	1.134	336502	263582	1.28	YES	db	50.000	0.0	100		0.618
103 PCB 144	22.50	1.148	308191	237784	1.30	YES	MM	50.000	0.0	100		0.562
104 PCB 147/149	22.80	1.164	725709	560485	1.29	YES	MM	100.000	0.0	100		0.662
105 PCB 134/143	23.04	1.175	643870	494061	1.30	YES	MM	100.000	0.0	100		0.586
106 PCB 139/140	23.30	1.189	743186	576802	1.29	YES	bd	100.000	0.0	100		0.680
107 PCB 131	23.48	1.198	294095	227356	1.29	YES	dd	50.000	-0.0	100		0.537
108 PCB 142	23.64	1.206	343532	263991	1.30	YES	dd	50.000	-0.0	100		0.626
109 PCB 132	23.87	1.218	307770	236350	1.30	YES	db	50.000	0.0	100		0.561
110 PCB 133	24.30	1.240	361284	276441	1.31	YES	bs	50.000	0.0	100		0.657
111 PCB 165	24.66	0.836	418855	324113	1.29	YES	dd	50.000	0.0	100		0.765
112 PCB 146	24.87	0.843	382796	301452	1.27	YES	dd	50.000	0.0	100		0.705
113 PCB 161	25.00	0.848	533193	408125	1.31	YES	dd	50.000	0.0	100		0.970
114 PCB 153/168	25.44	0.863	932262	722242	1.29	YES	dd	100.000	0.0	100		0.852
115 PCB 141	25.62	0.869	372808	288644	1.29	YES	ds	50.000	-0.0	100		0.681
116 PCB 130	25.99	0.881	336959	261951	1.29	YES	dd	50.000	0.0	100		0.617
117 PCB 137	26.21	0.889	329014	260588	1.26	YES	dd	50.000	0.0	100		0.607
118 PCB 164	26.30	0.892	502192	384114	1.31	YES	dd	50.000	0.0	100		0.913
119 PCB 138/163/129	26.60	0.902	1154234	897689	1.29	YES	dd	150.000	0.0	100		0.705
120 PCB 160	26.76	0.907	453854	343827	1.32	YES	dd	50.000	0.0	100		0.822
121 PCB 158	26.97	0.915	551250	423798	1.30	YES	db	50.000	0.0	100		1.004
122 PCB 128/166	27.79	0.942	843183	659312	1.28	YES	dd	100.000	0.0	100		0.774
123 PCB 159	28.75	0.975	636739	507423	1.25	YES	db	50.000	0.0	100		1.179
124 PCB 162	29.04	0.985	596390	472850	1.26	YES	bd	50.000	0.0	100		1.101
125 PCB 167	29.52	1.001	687245	545749	1.26	YES	bd	59.688	19.4	119	181	1.129
126 PCB 156/157	30.69	1.001	1285743	1007367	1.28	YES	bd	112.349	12.3	112	182	1.143
127 PCB 169	34.09	1.001	611504	475910	1.28	YES	bb	52.331	4.7	105	183	0.999
128 PCB 188	24.23	1.001	346219	330952	1.05	YES	bd	49.209	-1.6	98	184	0.996
129 PCB 179	24.53	1.014	388868	367930	1.06	YES	db	50.000	0.0	100		1.047
130 PCB 184	25.00	1.033	356313	338201	1.05	YES	bd	50.000	0.0	100		0.961
131 PCB 176	25.32	1.046	379829	362423	1.05	YES	dd	50.000	0.0	100		1.027
132 PCB 186	25.74	1.064	333827	315422	1.06	YES	db	50.000	0.0	100		0.899
133 PCB 178	27.01	1.116	267826	254032	1.05	YES	bb	50.000	0.0	100		0.722
134 PCB 175	27.61	1.141	279865	263875	1.06	YES	bd	50.000	0.0	100		0.753
135 PCB 187	27.88	1.152	265933	256693	1.04	YES	dd	50.000	0.0	100		0.723
136 PCB 182	28.08	1.161	277694	262216	1.06	YES	db	50.000	0.0	100		0.747
137 PCB 183	28.49	0.888	431671	407605	1.06	YES	MM	50.000	-0.0	100		1.162
138 PCB 185	28.58	0.891	319792	294947	1.08	YES	MM	50.000	0.0	100		0.851
139 PCB 174	28.70	0.895	357712	343252	1.04	YES	MM	50.000	0.0	100		0.970
140 PCB 177	29.15	0.909	349939	331390	1.06	YES	bd	50.000	0.0	100		0.943

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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	334467	310281	1.08	YES	dd	50.000	0.0	100		0.892
142 PCB 171/173	29.77	0.928	710595	659736	1.08	YES	dd	100.000	0.0	100		0.948
143 PCB 172	31.44	0.980	353936	332385	1.06	YES	dd	50.000	0.0	100		0.950
144 PCB 192	31.74	0.989	405795	378276	1.07	YES	dd	50.000	0.0	100		1.085
145 PCB 193/180	32.08	1.000	868417	812763	1.07	YES	dd	100.000	0.0	100	185	1.383
146 PCB 191	32.50	1.013	502424	474627	1.06	YES	db	50.000	0.0	100		1.352
147 PCB 170	33.44	1.001	351019	328429	1.07	YES	bb	49.703	-0.6	99	186	1.263
148 PCB 190	34.02	1.018	500929	470658	1.06	YES	bs	50.000	0.0	100		1.345
149 PCB 189	36.85	1.001	509391	498977	1.02	YES	dd	50.197	0.4	100	187	0.947
150 PCB 202	29.26	1.001	407156	455556	0.89	YES	bb	73.078	-2.6	97	188	0.962
151 PCB 201	30.19	1.032	493825	558901	0.88	YES	bb	75.000	0.0	100		0.997
152 PCB 204	30.89	1.056	477030	538977	0.89	YES	bd	75.000	0.0	100		0.962
153 PCB 197	31.12	1.064	434896	490727	0.89	YES	dd	75.000	0.0	100		0.876
154 PCB 200	31.23	1.068	501737	561263	0.89	YES	db	75.000	0.0	100		1.006
155 PCB 198/199	34.16	1.168	647696	733954	0.88	YES	bb	150.000	0.0	100		0.654
156 PCB 196	34.89	0.879	335619	376363	0.89	YES	bd	75.000	0.0	100		0.674
157 PCB 203	35.13	0.884	328006	367822	0.89	YES	db	75.000	0.0	100		0.659
158 PCB 195	36.58	0.921	501635	559667	0.90	YES	db	75.000	0.0	100		1.005
159 PCB 194	39.19	0.987	544568	607764	0.90	YES	bd	75.000	0.0	100		1.091
160 PCB 205	39.74	1.001	612075	675205	0.91	YES	db	72.807	-2.9	97	189	1.059
161 PCB 208	36.30	1.001	370644	470069	0.79	YES	bb	75.543	0.7	101	190	1.031
162 PCB 207	37.33	1.029	413786	521270	0.79	YES	bb	75.000	0.0	100		1.320
163 PCB 206	41.71	1.001	265044	344720	0.77	YES	bb	74.124	-1.2	99	191	1.015
164 PCB 209	43.55	1.001	380682	316526	1.20	YES	bb	79.698	6.3	106	192	1.105
165 PCB 1L	8.99	0.804	1408111	432707	3.25	YES	bs	114.697	14.7	115	199	0.945
166 PCB 3L	10.17	0.910	1428961	448930	3.18	YES	bs	113.085	13.1	113	199	0.964
167 PCB 4L	10.29	0.920	730967	466523	1.57	YES	bb	113.273	13.3	113	199	0.615
168 PCB 15L	12.92	1.155	1408082	880064	1.60	YES	bs	109.320	9.3	109	199	1.174
169 PCB 19L	11.67	1.043	598450	577147	1.04	YES	bb	104.354	4.4	104	199	0.603
170 PCB 37L	16.67	1.086	1344856	1286214	1.05	YES	bb	105.073	5.1	105	200	2.087
171 PCB 54L	13.05	0.850	730139	933879	0.78	YES	bb	101.759	1.8	102	200	1.320
172 PCB 81L	21.40	1.394	990516	1243784	0.80	YES	bd	101.996	2.0	102	200	1.773
173 PCB 77L	21.84	1.423	957989	1216447	0.79	YES	db	102.862	2.9	103	200	1.725
174 PCB 104L	15.92	0.805	904669	570528	1.59	YES	bb	116.382	16.4	116	201	1.345
175 PCB 123L	23.48	1.188	1286866	803998	1.60	YES	bd	98.474	-1.5	98	201	1.906
176 PCB 118L	23.77	1.203	1259108	790457	1.59	YES	dd	98.051	-1.9	98	201	1.869
177 PCB 114L	24.25	1.227	1187174	734910	1.62	YES	db	98.849	-1.2	99	201	1.752
178 PCB 105L	24.82	1.256	1235367	772056	1.60	YES	bb	100.429	0.4	100	201	1.830
179 PCB 126L	27.69	1.401	1221942	770172	1.59	YES	bb	104.655	4.7	105	201	1.816
180 PCB 155L	19.60	0.738	779268	618784	1.26	YES	bb	92.656	-7.3	93	202	1.300
181 PCB 167L	29.49	1.110	1222078	961882	1.27	YES	db	96.286	-3.7	96	202	2.031
182 PCB 156L/157L	30.67	1.155	2249155	1764436	1.27	YES	bs	194.356	-2.8	97	202	1.867
183 PCB 169L	34.07	1.283	1217944	959196	1.27	YES	bb	107.364	7.4	107	202	2.025
184 PCB 188L	24.19	0.911	700997	658914	1.06	YES	bb	95.155	-4.8	95	202	1.265
185 PCB 180L	32.08	0.819	632557	583448	1.08	YES	bb	83.519	-16.5	84	203	1.126
186 PCB 170L	33.41	0.853	558426	517150	1.08	YES	bb	84.417	-15.6	84	203	0.996
187 PCB 189L	36.83	0.940	1095494	1033083	1.06	YES	bb	91.391	-8.6	91	203	1.972
188 PCB 202L	29.24	0.746	569905	625484	0.91	YES	bb	78.003	-22.0	78	203	1.107



Quantify Sample Summary Report

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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	776214	845030	0.92	YES	db	98.063	-1.9	98	203	1.502
190	PCB 208L	36.28	0.926	472987	614390	0.77	YES	bb	88.392	-11.6	88	203	1.007
191	PCB 206L	41.69	1.064	352985	448320	0.79	YES	bb	97.715	-2.3	98	203	0.742
192	PCB 209L	43.53	1.111	457705	383566	1.19	YES	bb	107.578	7.6	108	203	0.779
193	PCB 28L	14.40	0.938	1256302	1213162	1.04	YES	ds	96.068	-3.9	96	200	1.959
194	PCB 111L	21.83	1.105	937156	587248	1.60	YES	bd	103.485	3.5	103	201	1.390
195	PCB 178L	26.97	1.015	432859	407201	1.06	YES	bb	106.616	6.6	107	202	0.781
196	PCB 31L	14.24	0.927	1158228	1117168	1.04	YES	bd	93.322	-6.7	93	200	1.805
197	PCB 95L	17.73	0.897	669003	424359	1.58	YES	bb	105.355	5.4	105	201	0.997
198	PCB 153L	25.41	0.956	722107	560295	1.29	YES	bb	97.367	-2.6	97	202	1.193
199	PCB 9L	11.19	0.000	1199155	749088	1.60	YES	bd	100.000	0.0	100	0	19482...
200	PCB 52L	15.36	0.000	555315	705188	0.79	YES	bd	100.000	0.0	100	0	12605...
201	PCB 101L	19.76	0.000	673921	422904	1.59	YES	bb	100.000	-0.0	100	0	10968...
202	PCB 138L	26.56	0.000	605904	469152	1.29	YES	bd	100.000	0.0	100	0	10750...
203	PCB 194L	39.17	0.000	518500	561149	0.92	YES	bd	100.000	0.0	100	0	10796...
204	Total MoCB F1								77.547			165	
205	Total MoCB labeled ...								227.782			199	
206	Total DiCB F1								51.564			167	
207	Total DiCB labeled F1								113.273			199	
208	Total DiCB F2								254.301			168	
209	Total DiCB labeled F2								209.320			199	
210	Total TriCB F2								199.676			169	
211	Total TriCB labeled F2								104.657			199	
212	Total TriCB F3								407.213			170	
213	Total TriCB labeled F3								295.812			200	
214	Total TeCB F2								52.718			171	
215	Total TeCB labeled F2								101.759			200	
216	Total TeCB F3								1100....			171	
217	Total TeCB labeled F3								100.000			200	
218	Total TeCB F4								964.458			172	
219	Total TeCB labeled F4								208.139			200	
220	Total PeCB F3								97.019			174	
221	Total PeCB labeled F3								116.382			201	
222	Total PeCB F4								1655....			175	
223	Total PeCB labeled F4								308.839			201	
224	Total PeCB F5								587.193			175	
225	Total PeCB labeled F5								502.725			201	
226	Total HxCB F4								500.609			180	
227	Total HxCB labeled F4								93.119			202	
228	Total HxCB F5								1303....			181	
229	Total HxCB labeled F5								197.367			202	
230	Total HxCB F6								339.352			181	
231	Total HxCB labeled F6								400.792			202	
232	Total HpCB F5								449.209			184	
233	Total HpCB labeled ...								202.646			203	
234	Total HpCB F6								714.034			185	
235	Total HpCB labeled ...								168.405			203	
236	Total HpCB F7								61.603			187	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:23 AM Eastern Standard Time

**ID:**

**Date: 18-FEB-2016**

**Time: 19:17:33**

**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 ...								100.374			203	
238	Total OcCB F6								673.078			188	
239	Total OcCB labeled ...								78.178			203	
240	Total OcCB F7								230.509			189	
241	Total OcCB labeled ...								198.065			203	
242	Total NoCB F7								225.479			190	
243	Total NoCB labeled ...								187.644			203	
244	Total DeCB F7								79.698			192	
245	Total DeCB labeled ...								107.578			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	

**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668\_M2160218D.mdb 19 Feb 2016 10:22:01

Calibration: 19 Feb 2016 11:38:57

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

Time: 19:17:33

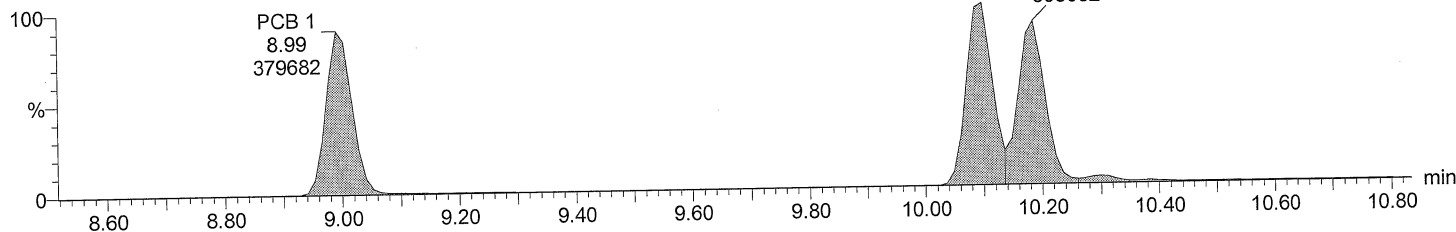
Instrument: Autospec-UltimaE

**Total MoCB F1**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 2 10.10 425256  
PCB 3 10.19 398082

F1:SIR of 10 channels,EI+  
188.0393  
8.215e+006

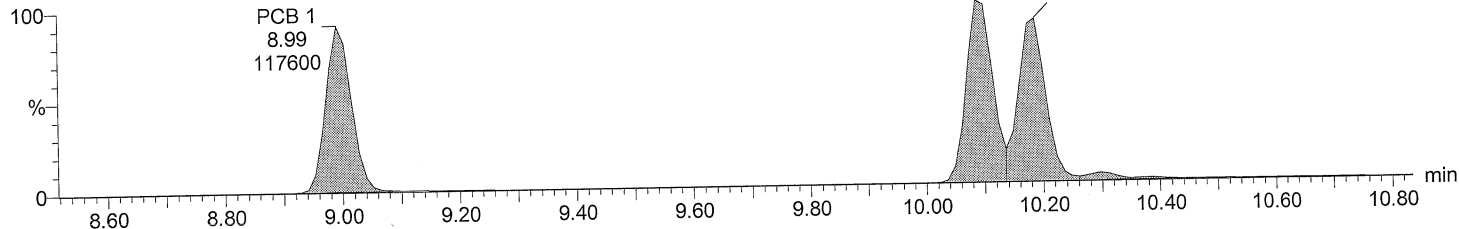


**Total MoCB F1**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 2 10.09 132746  
PCB 3 10.19 124271

F1:SIR of 10 channels,EI+  
190.0363  
2.553e+006

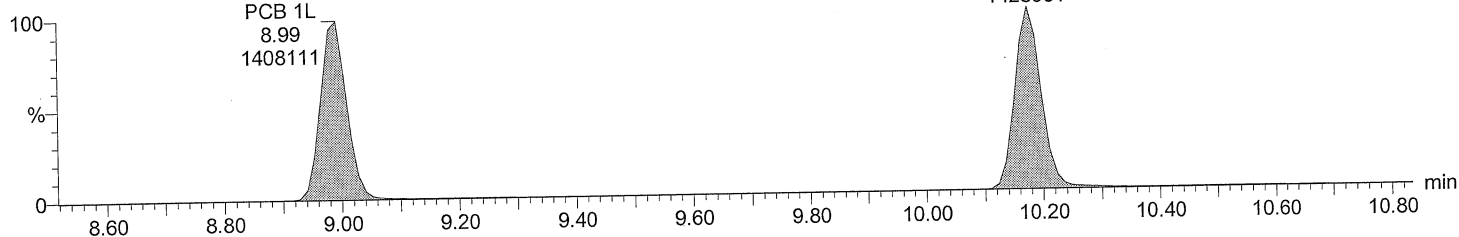


**Total MoCB labeled F1**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 3L 10.17 1428961

F1:SIR of 10 channels,EI+  
200.0795  
2.763e+007

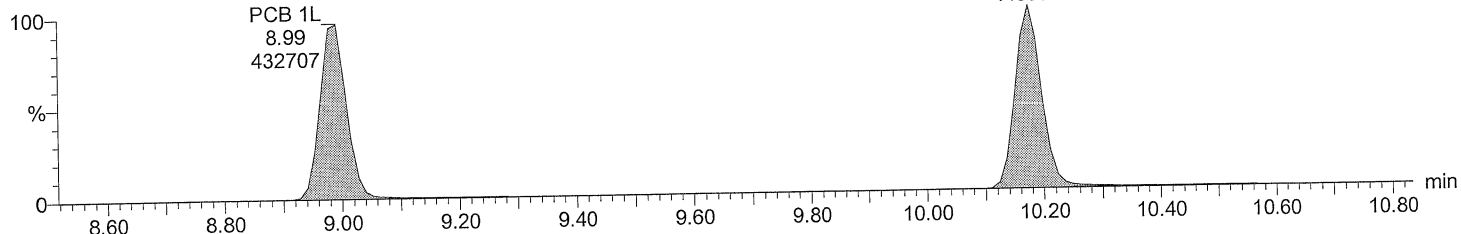


**Total MoCB labeled F1**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 3L 10.17 448930

F1:SIR of 10 channels,EI+  
202.076  
8.698e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

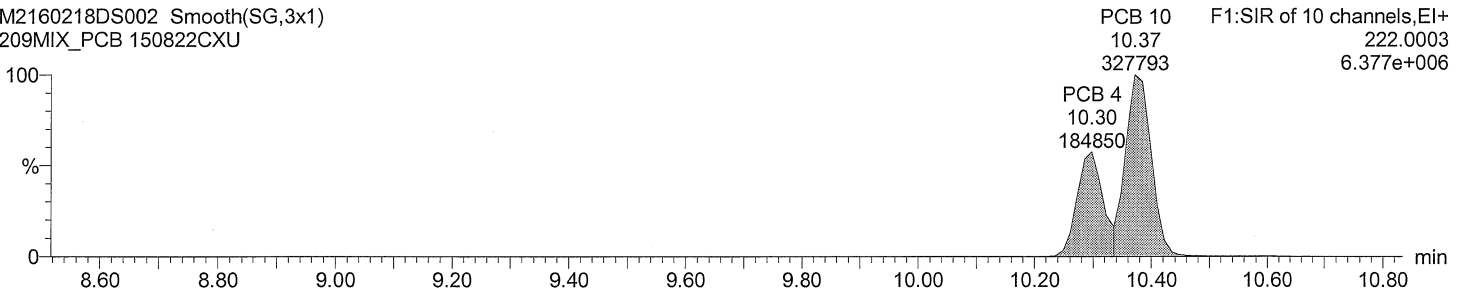
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

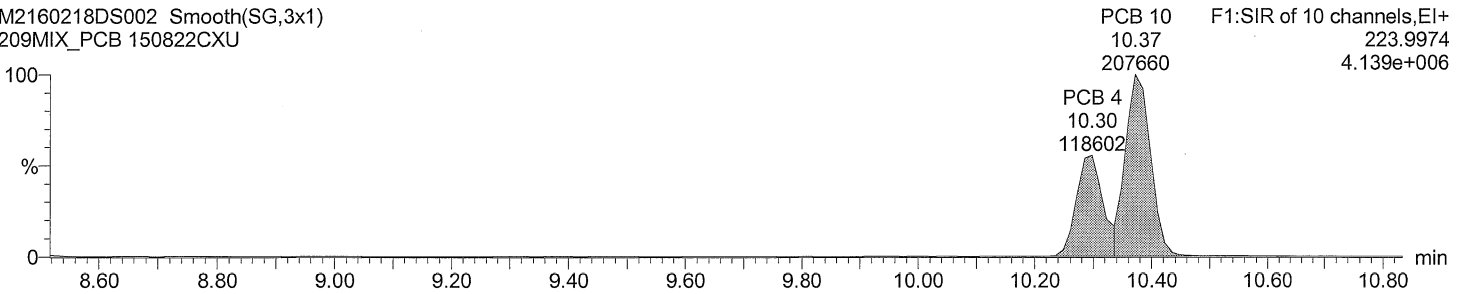
Total DiCB F1

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



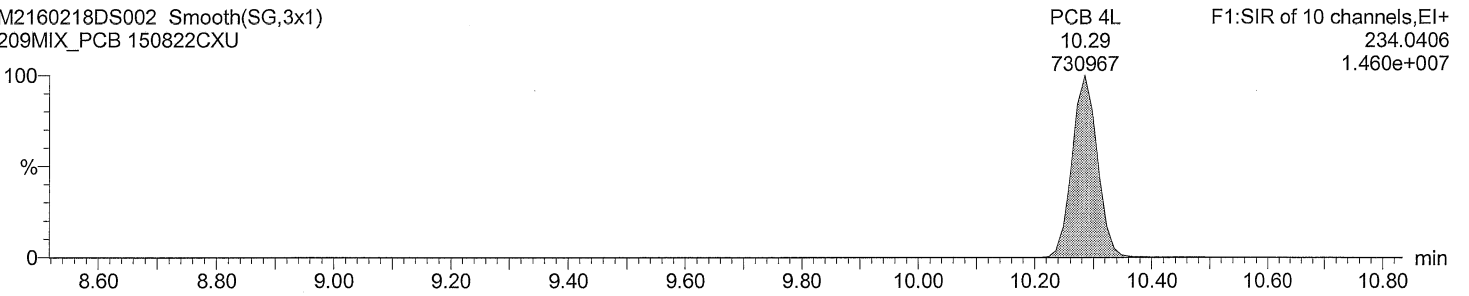
Total DiCB F1

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



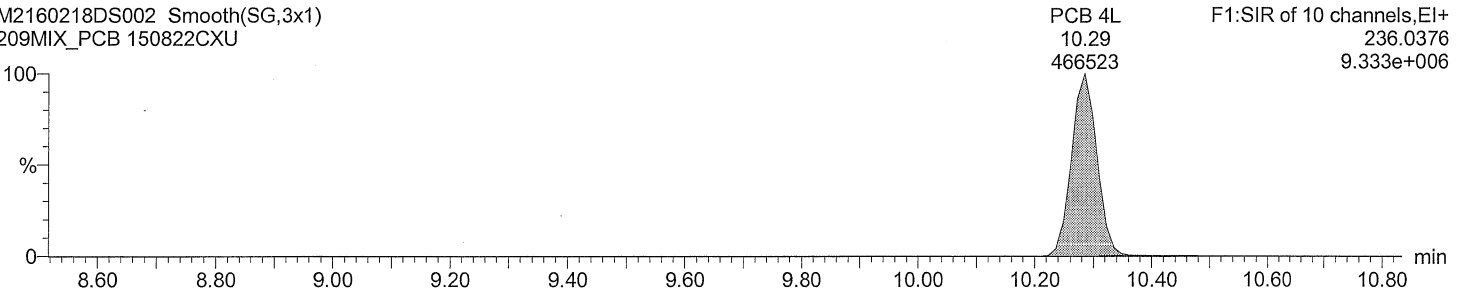
Total DiCB labeled F1

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total DiCB labeled F1

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time  
 Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 2**

**Date: 18-FEB-2016**

**Time: 19:17:33**

**Instrument: Autospec-UltimaE**

**Total DiCB F2**

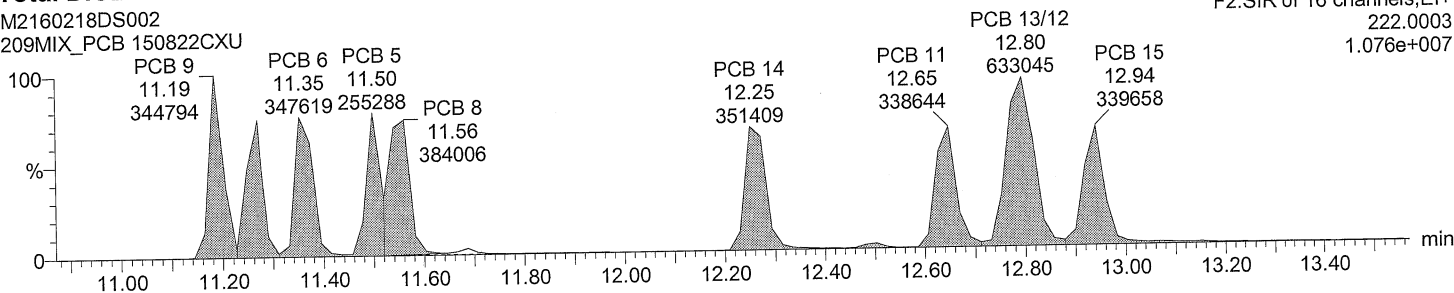
M2160218DS002

209MIX\_PCB 150822CXU

F2:SIR of 16 channels,EI+

222.0003

1.076e+007



**Total DiCB F2**

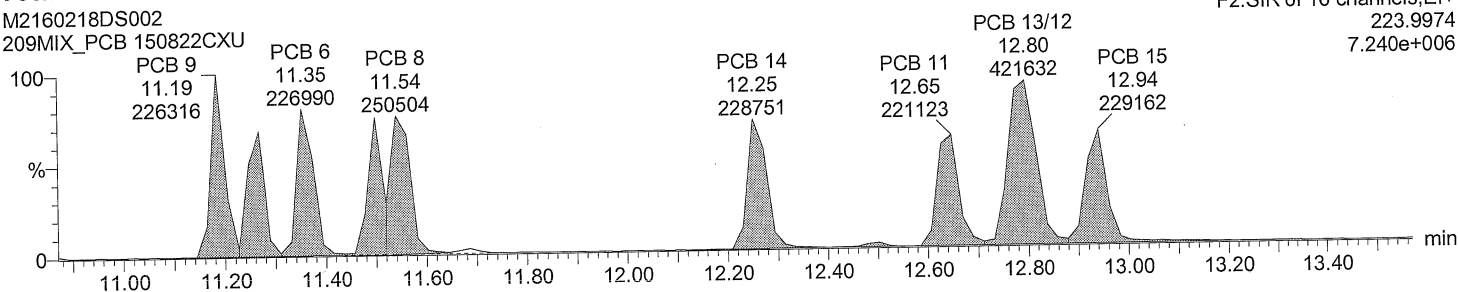
M2160218DS002

209MIX\_PCB 150822CXU

F2:SIR of 16 channels,EI+

223.9974

7.240e+006



**Total DiCB labeled F2**

M2160218DS002 Smooth(SG,3x1)

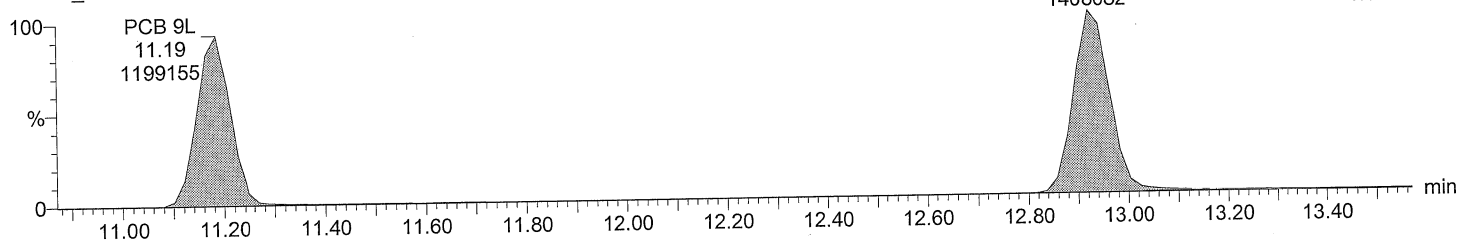
209MIX\_PCB 150822CXU

PCB 15L

F2:SIR of 16 channels,EI+

234.0406

1.689e+007



**Total DiCB labeled F2**

M2160218DS002 Smooth(SG,3x1)

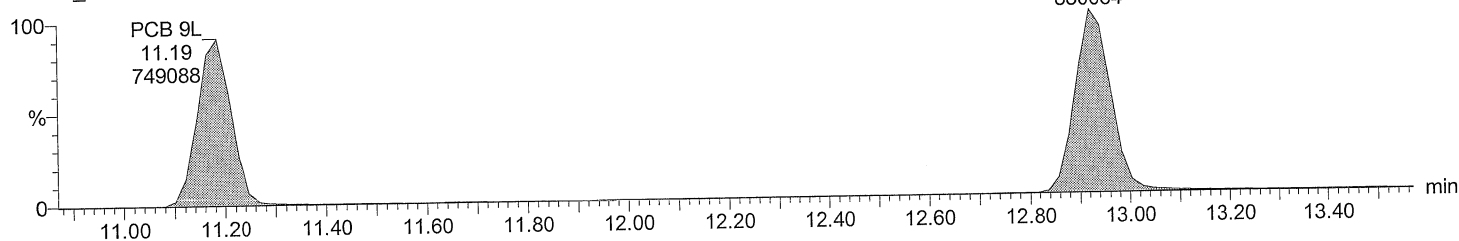
209MIX\_PCB 150822CXU

PCB 15L

F2:SIR of 16 channels,EI+

236.0376

1.069e+007



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time  
 Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

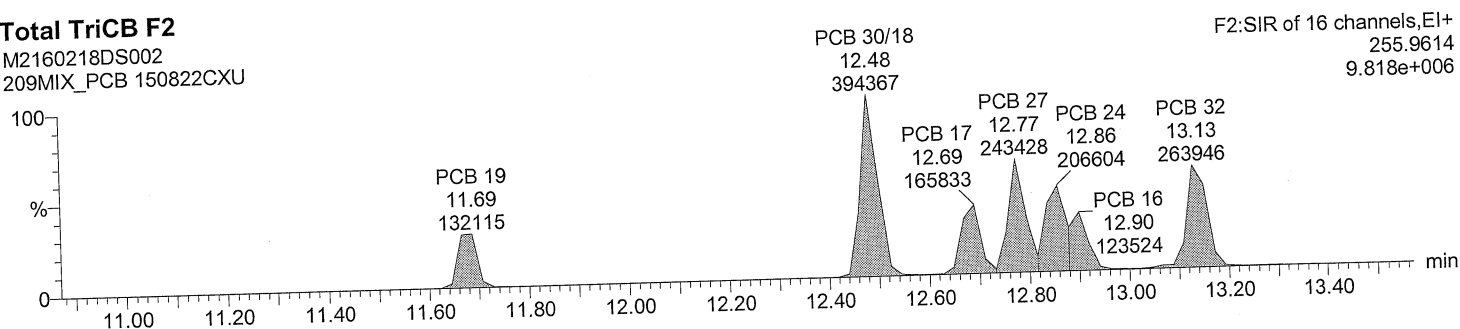
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

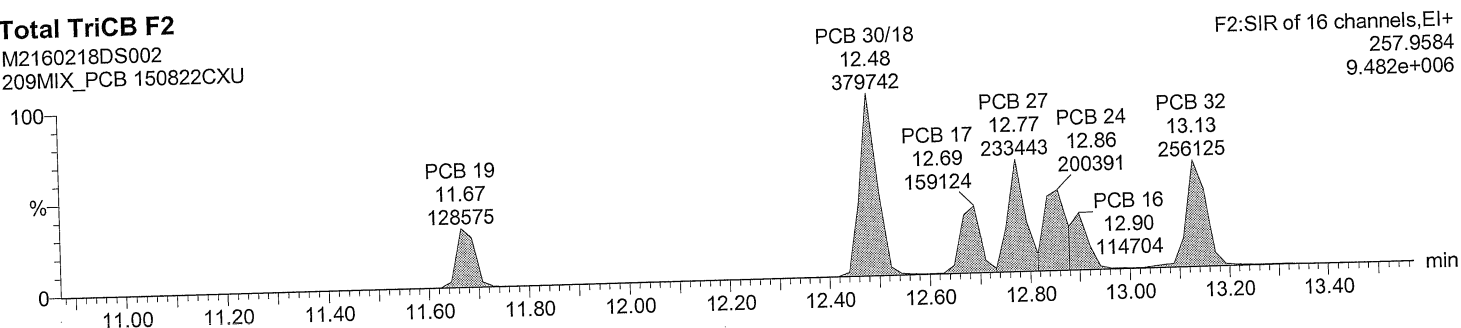
**Total TriCB F2**

M2160218DS002  
209MIX\_PCB 150822CXU



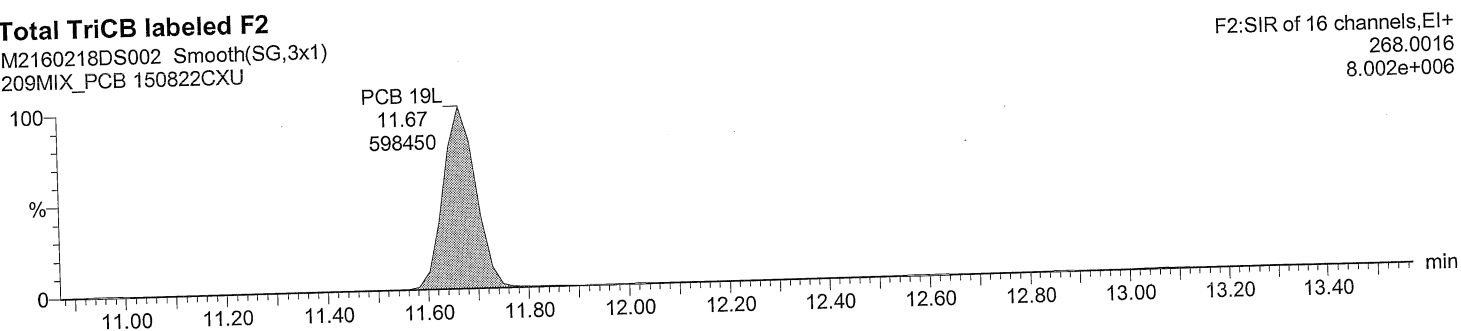
**Total TriCB F2**

M2160218DS002  
209MIX\_PCB 150822CXU



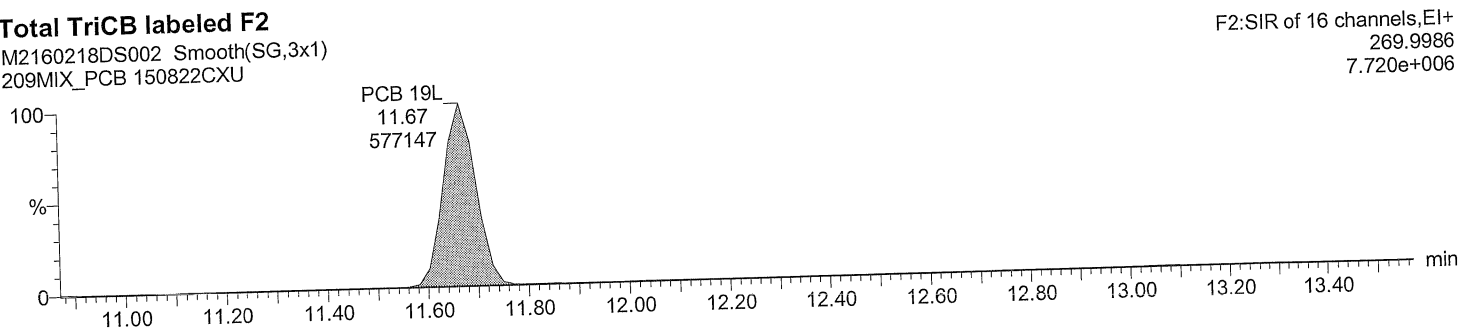
**Total TriCB labeled F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Total TriCB labeled F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

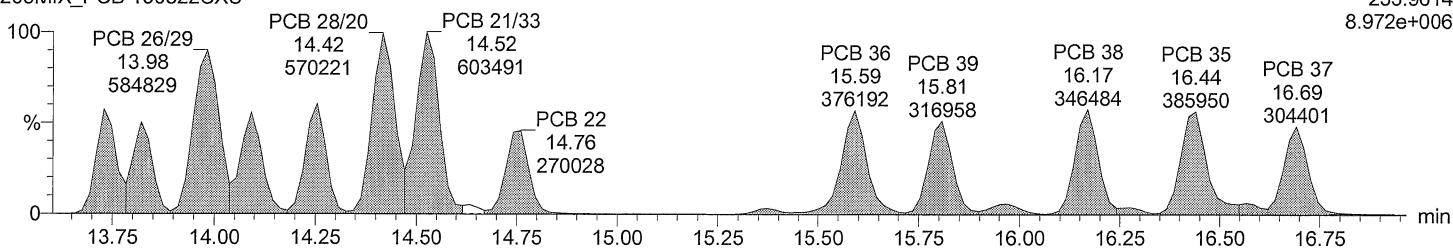
Time: 19:17:33

Instrument: Autospec-UltimaE

Total TriCB F3

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

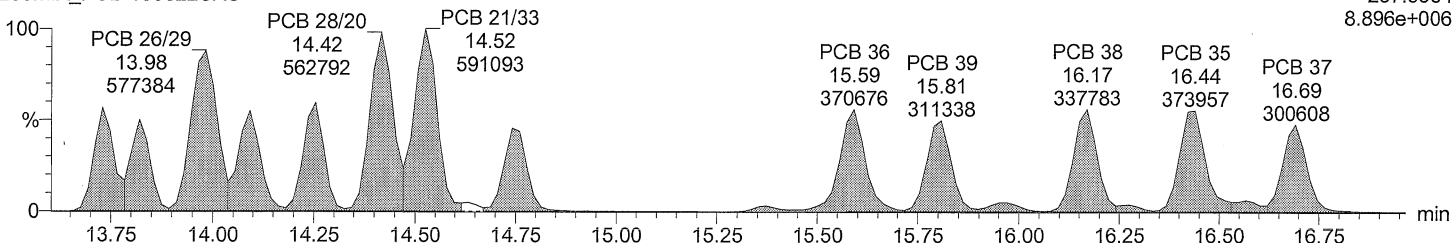
F3:SIR of 14 channels,EI+  
255.9614  
8.972e+006



Total TriCB F3

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

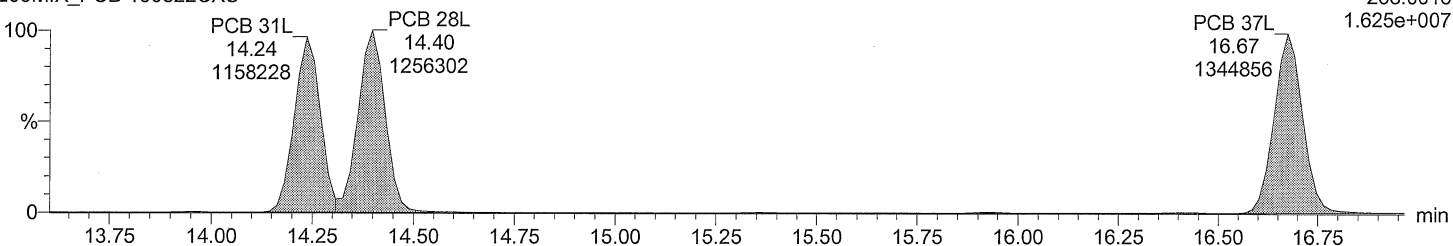
F3:SIR of 14 channels,EI+  
257.9584  
8.896e+006



Total TriCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

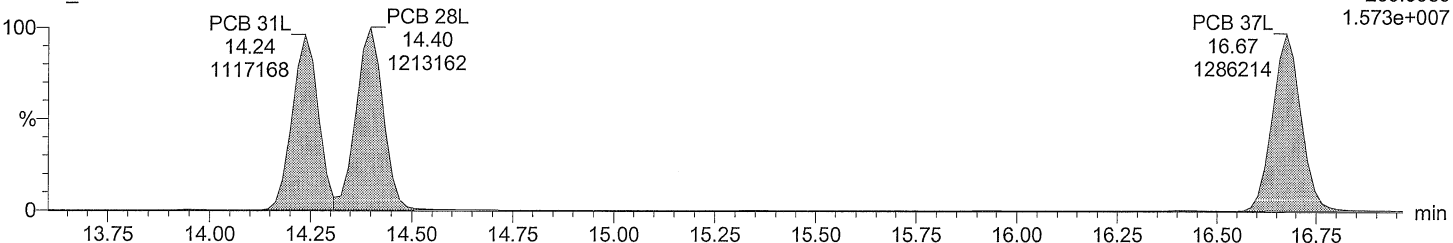
F3:SIR of 14 channels,EI+  
268.0016  
1.625e+007



Total TriCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F3:SIR of 14 channels,EI+  
269.9986  
1.573e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

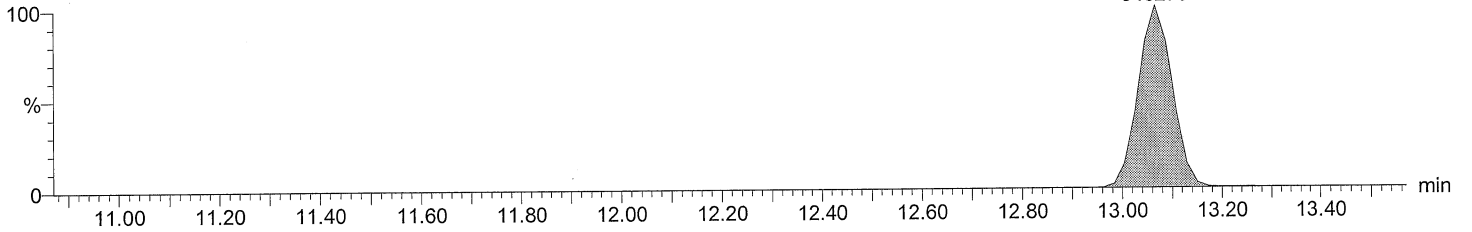
Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time  
Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU  
Vial: 2  
Date: 18-FEB-2016  
Time: 19:17:33  
Instrument: Autospec-UltimaE

**Total TeCB F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

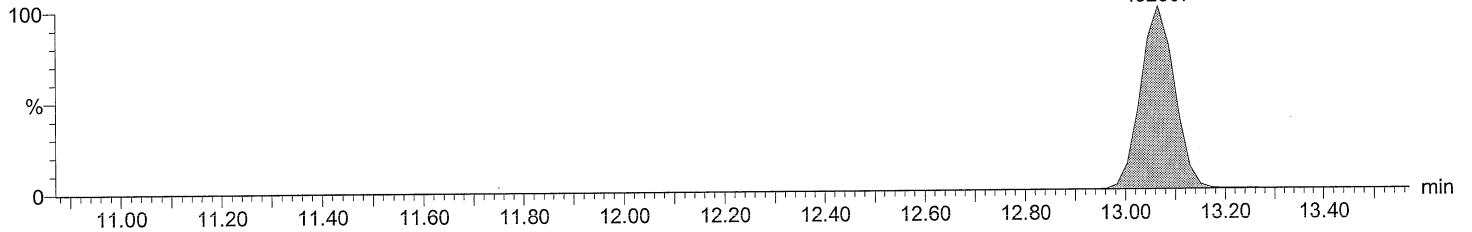
PCB 54 F2:SIR of 16 channels,EI+  
13.07 289.9224  
346273 4.418e+006



**Total TeCB F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

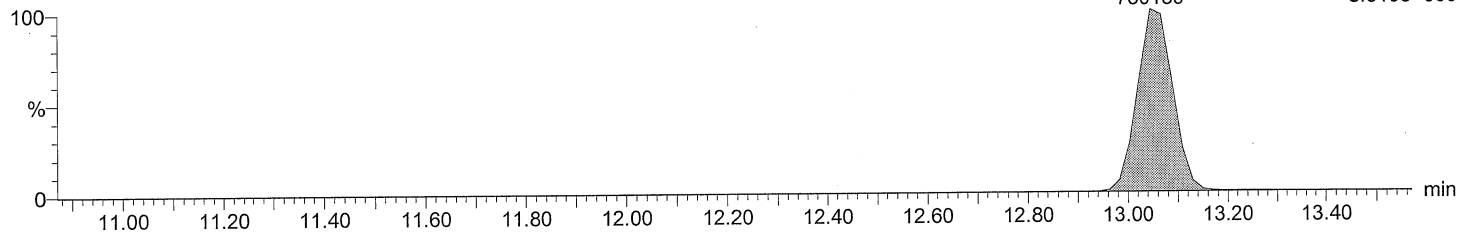
PCB 54 F2:SIR of 16 channels,EI+  
13.07 291.9194  
452507 5.762e+006



**Total TeCB labeled F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

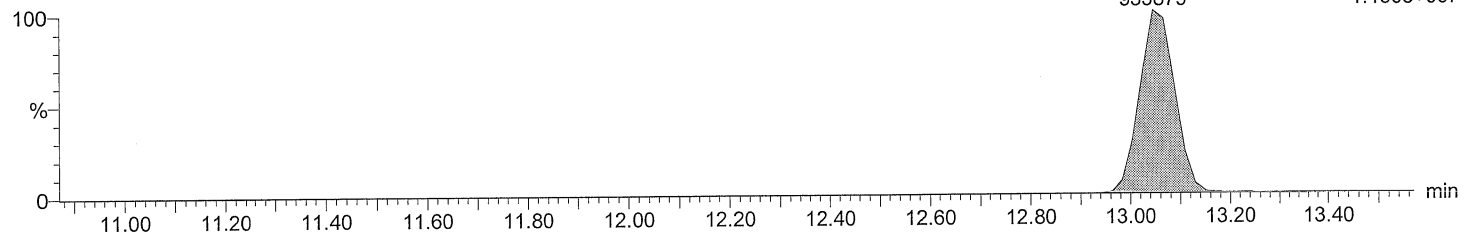
PCB 54L F2:SIR of 16 channels,EI+  
13.05 301.9626  
730139 8.919e+006



**Total TeCB labeled F2**

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 54L F2:SIR of 16 channels,EI+  
13.05 303.9597  
933879 1.150e+007





Quantify Sample Report MassLynx 4.0 SP1  
Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time  
Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

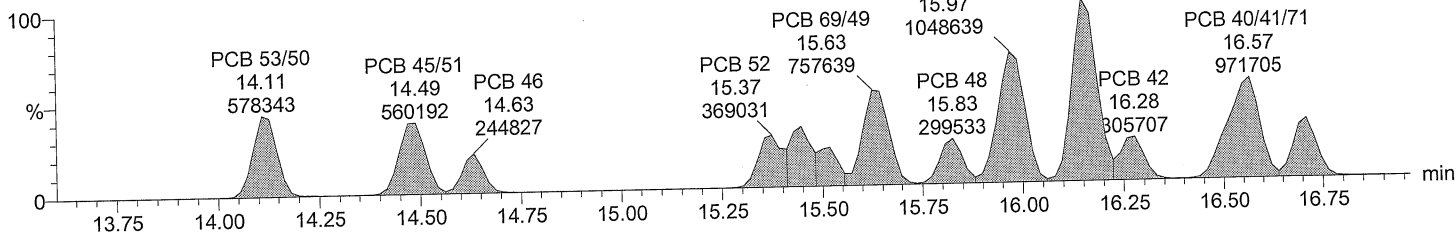
Time: 19:17:33

Instrument: Autospec-UltimaE

Total TeCB F3

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

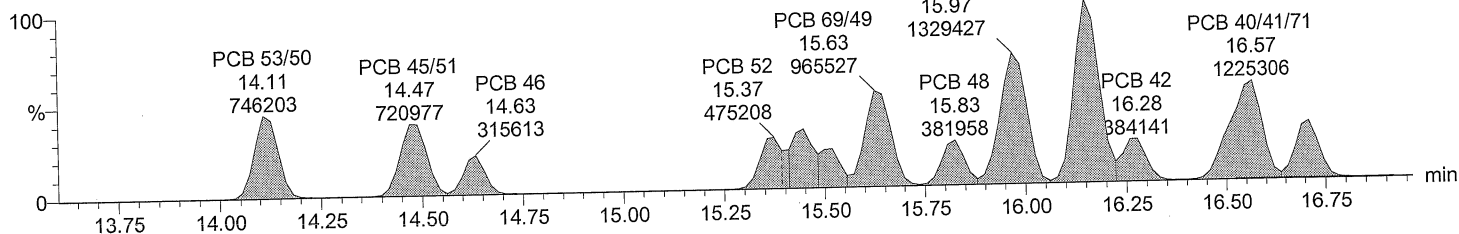
PCB 59/62/75 16.15 F3:SIR of 14 channels, EI+  
1358303 289.9224  
1.885e+007



Total TeCB F3

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

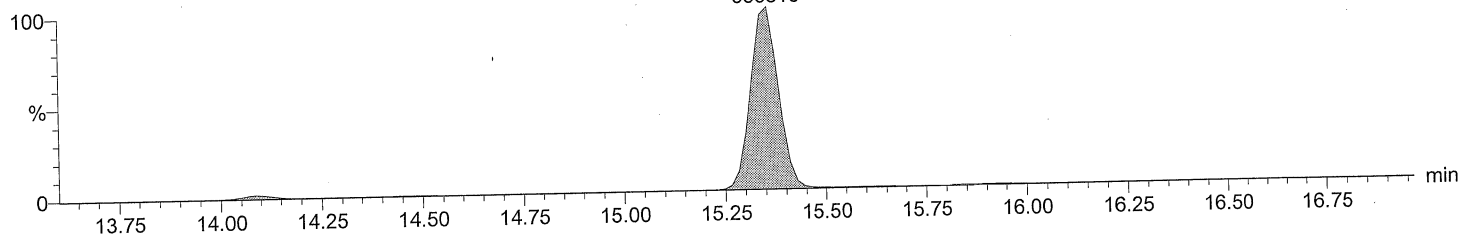
PCB 59/62/75 16.15 F3:SIR of 14 channels, EI+  
1728222 291.9194  
2.410e+007



Total TeCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

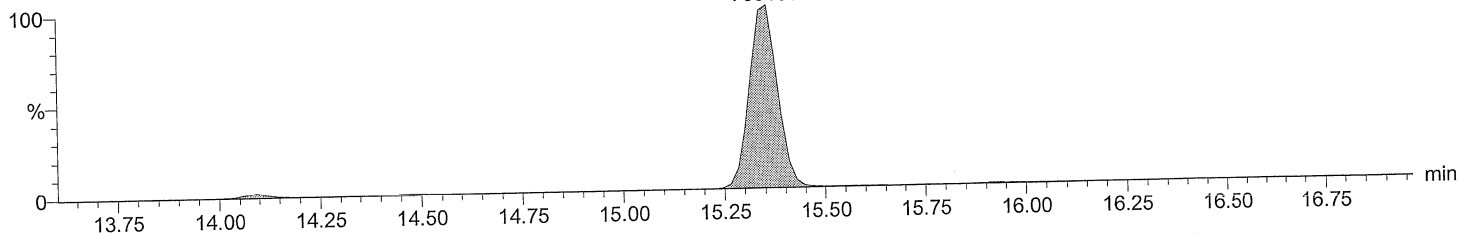
PCB 52L 15.36 F3:SIR of 14 channels, EI+  
555315 301.9626  
6.989e+006



Total TeCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 52L 15.36 F3:SIR of 14 channels, EI+  
705188 303.9597  
8.803e+006



**Quantify Sample Report**    **MassLynx 4.0 SP1**

Acquired Date

Dataset:            C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered:      February 19, 2016 11:38:57 AM Eastern Standard Time  
 Printed:            February 19, 2016 11:47:14 AM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 2**

**Date: 18-FEB-2016**

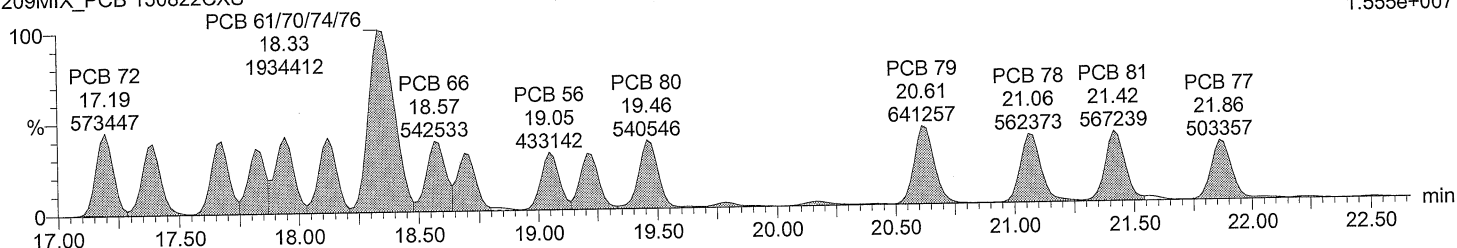
**Time: 19:17:33**

**Instrument: Autospec-UltimaE**

**Total TeCB F4**

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

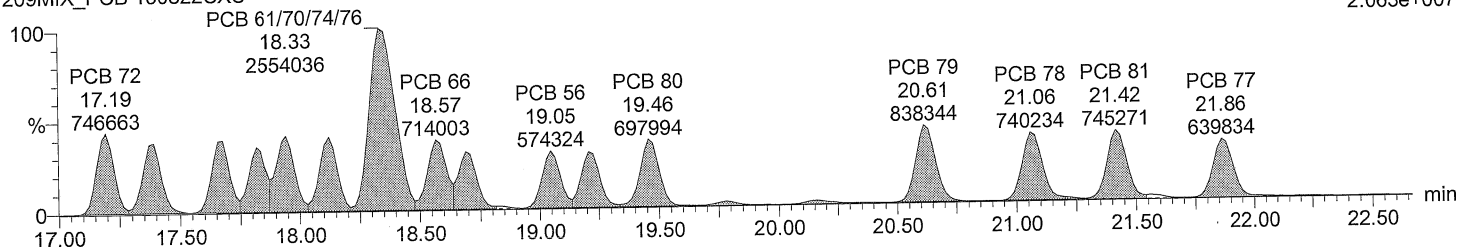
F4:SIR of 14 channels,EI+  
 289.9224  
 1.555e+007



**Total TeCB F4**

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

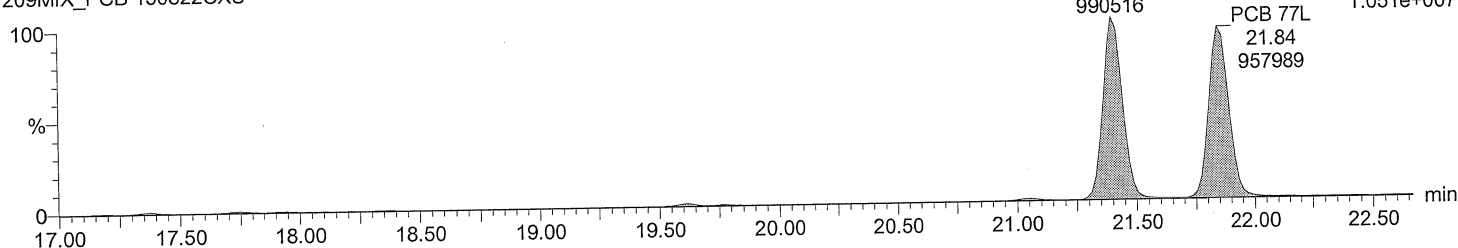
F4:SIR of 14 channels,EI+  
 291.9194  
 2.063e+007



**Total TeCB labeled F4**

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

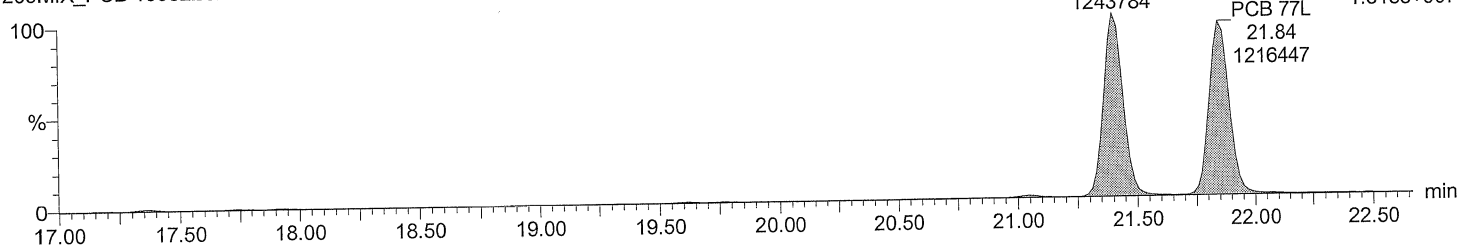
PCB 81L            F4:SIR of 14 channels,EI+  
 21.40            301.9626  
 990516            1.051e+007



**Total TeCB labeled F4**

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

PCB 81L            F4:SIR of 14 channels,EI+  
 21.40            303.9597  
 1243784            1.318e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

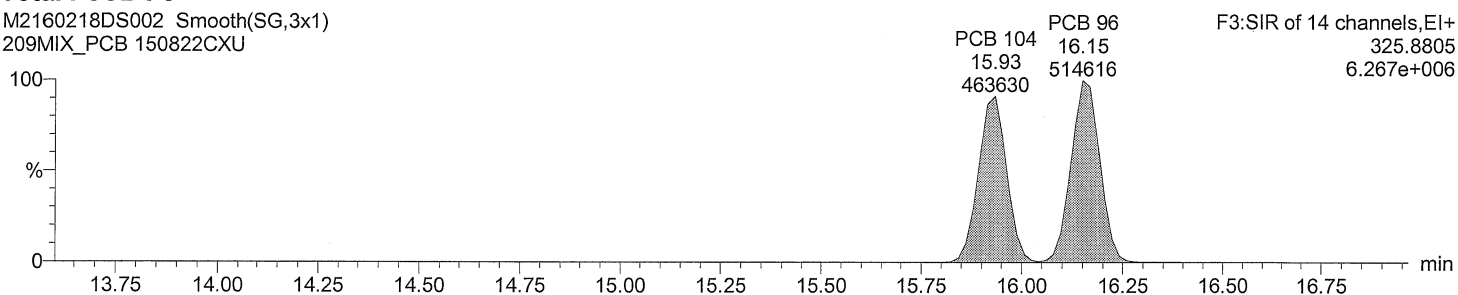
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

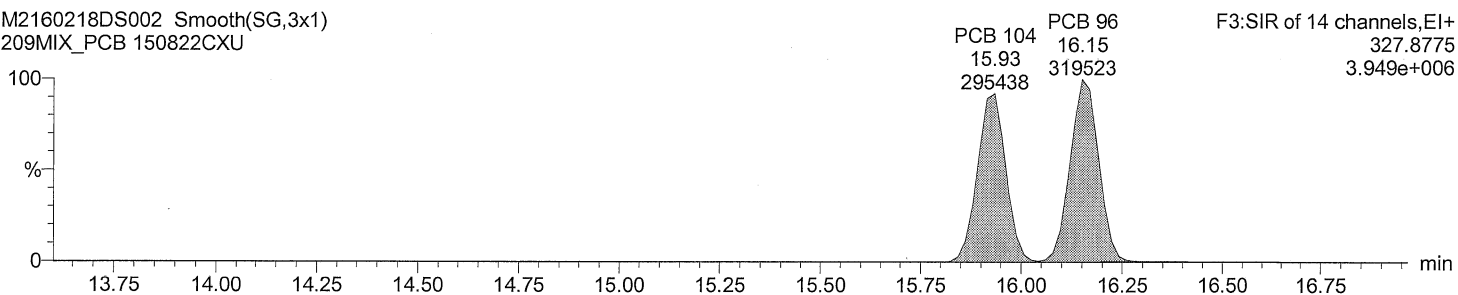
Total PeCB F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



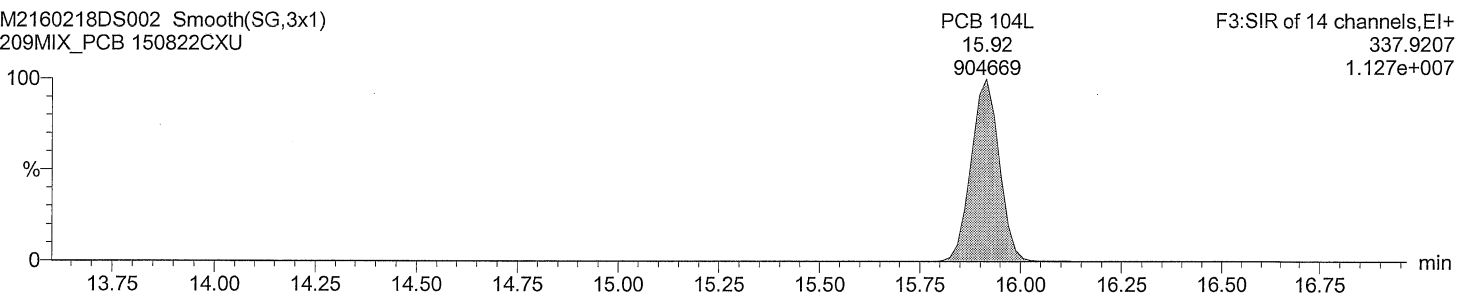
Total PeCB F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



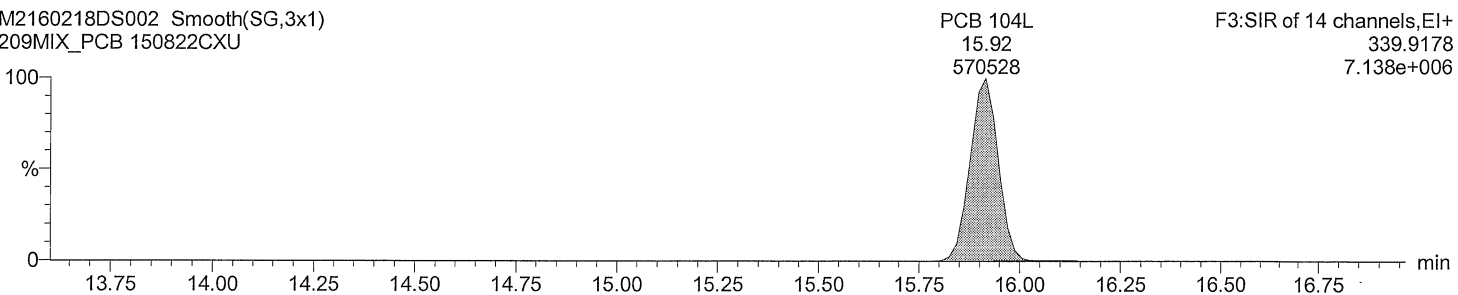
Total PeCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total PeCB labeled F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

Time: 19:17:33

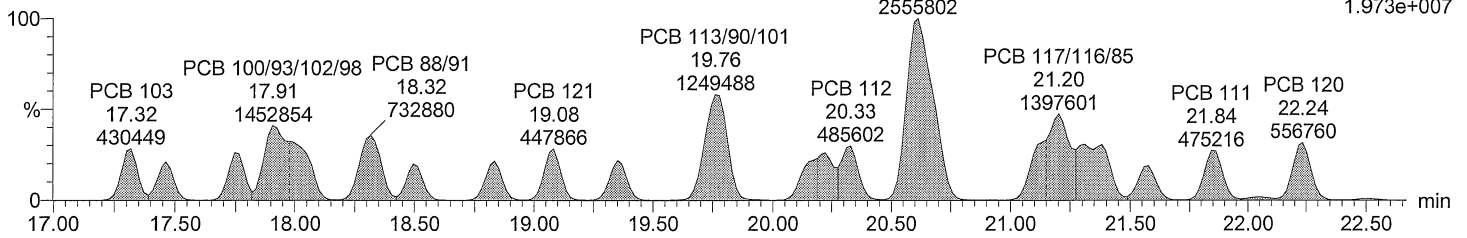
Instrument: Autospec-UltimaE

Total PeCB F4

M2160218DS002 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

PCB 109/119/86/97/125/87

F4:SIR of 14 channels,EI+  
325.8805  
1.973e+007

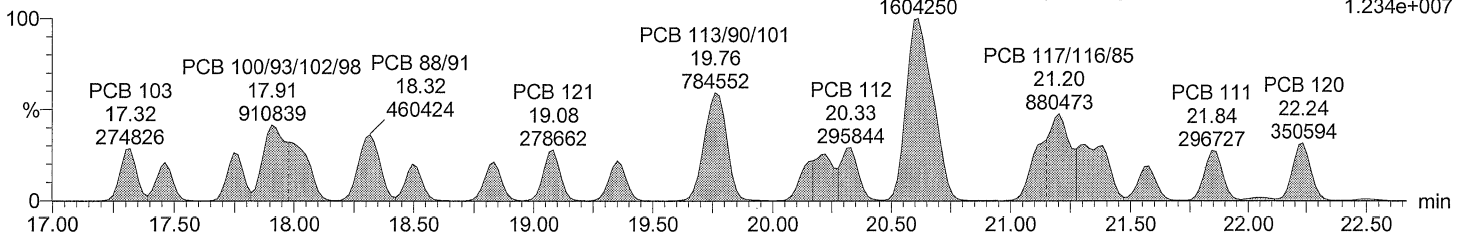


Total PeCB F4

M2160218DS002 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

PCB 109/119/86/97/125/87

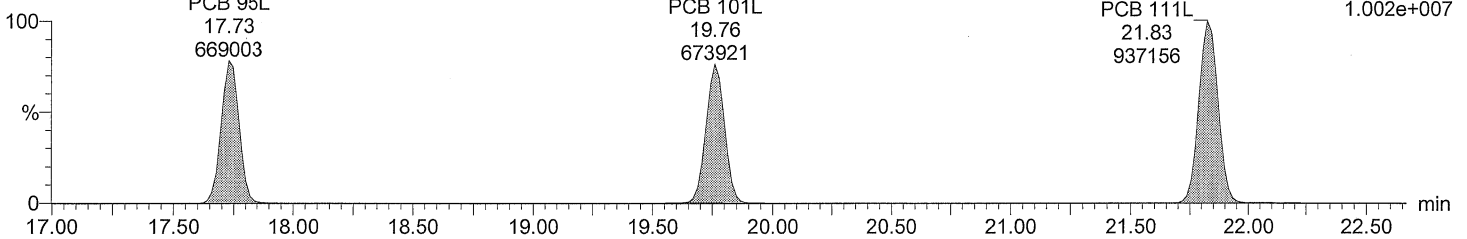
F4:SIR of 14 channels,EI+  
327.8775  
1.234e+007



Total PeCB labeled F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

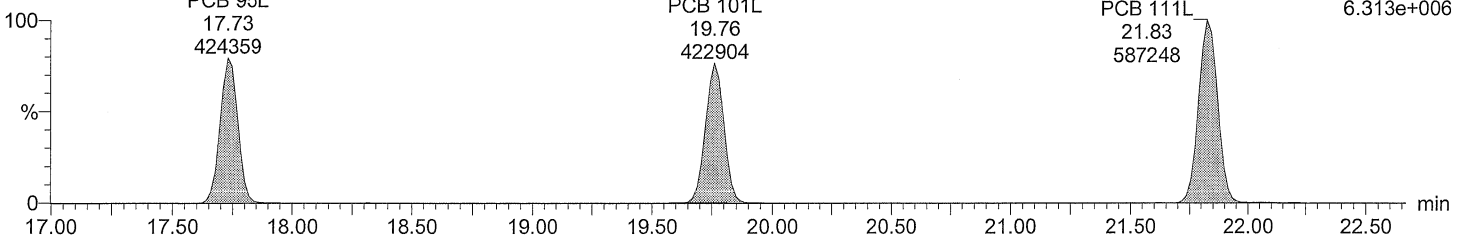
F4:SIR of 14 channels,EI+  
337.9207  
1.002e+007



Total PeCB labeled F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F4:SIR of 14 channels,EI+  
339.9178  
6.313e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

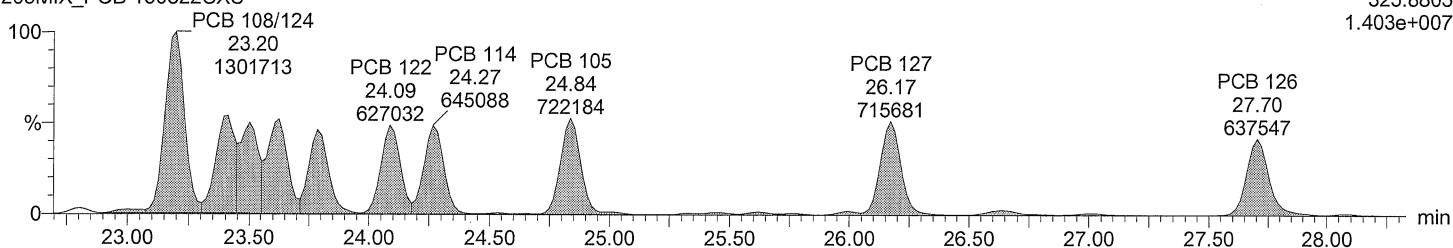
Time: 19:17:33

Instrument: Autospec-UltimaE

Total PeCB F5

M2160218DS002 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

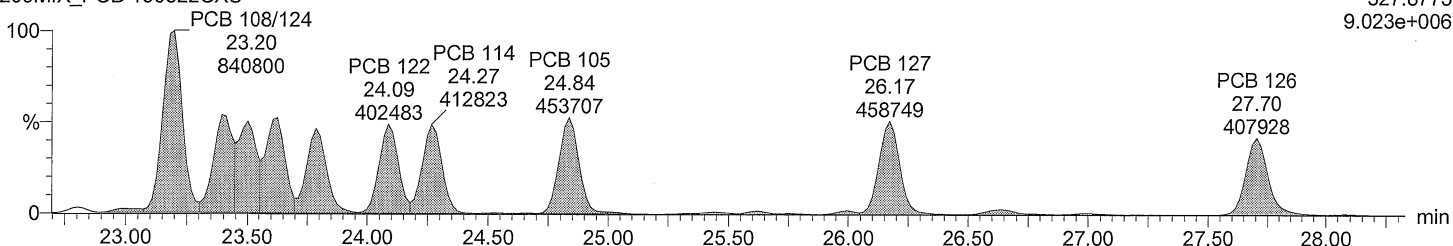
F5:SIR of 14 channels,EI+  
325.8805  
1.403e+007



Total PeCB F5

M2160218DS002 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

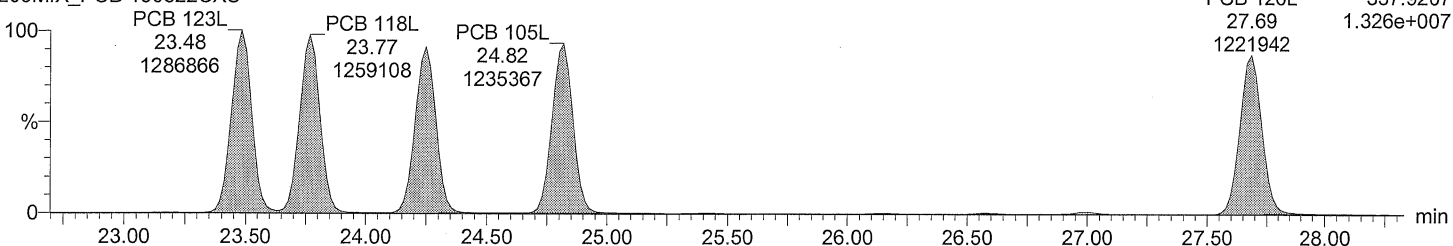
F5:SIR of 14 channels,EI+  
327.8775  
9.023e+006



Total PeCB labeled F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

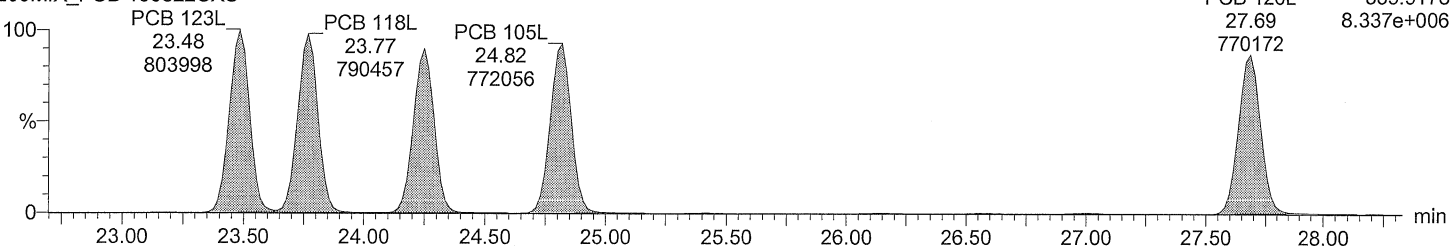
F5:SIR of 14 channels,EI+  
PCB 126L 337.9207  
1.326e+007



Total PeCB labeled F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F5:SIR of 14 channels,EI+  
PCB 126L 339.9178  
8.337e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

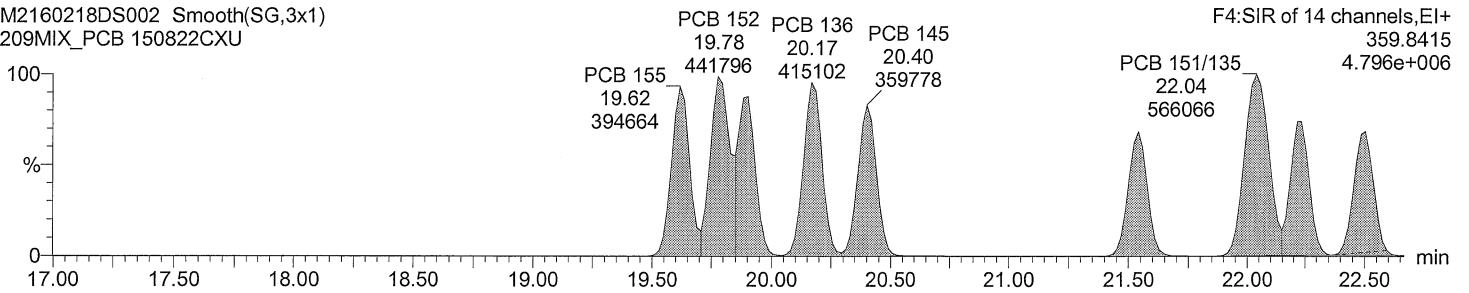
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

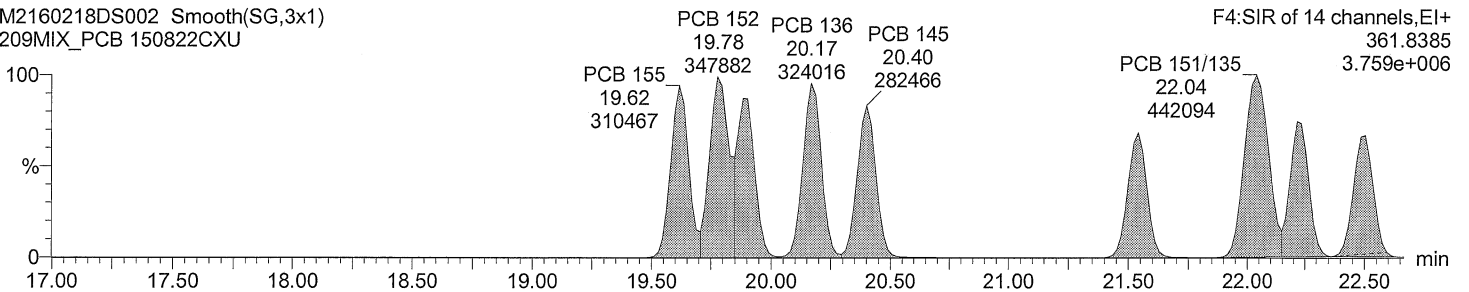
Total HxCB F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



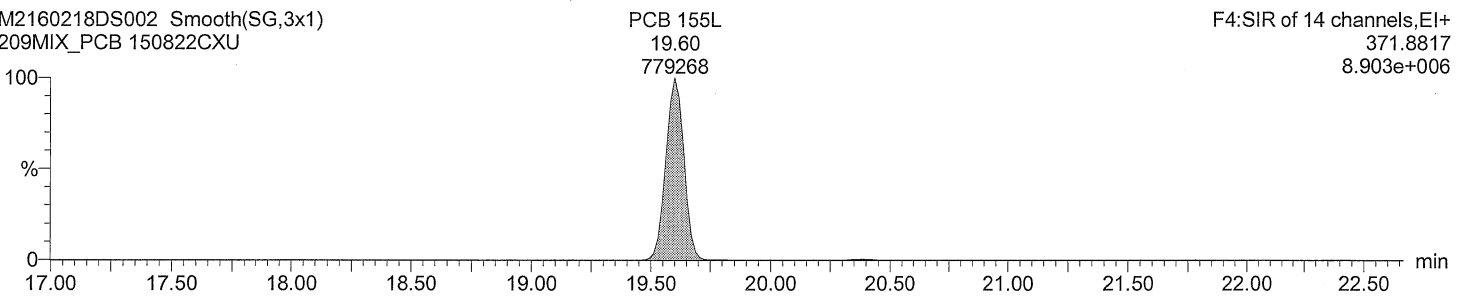
Total HxCB F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



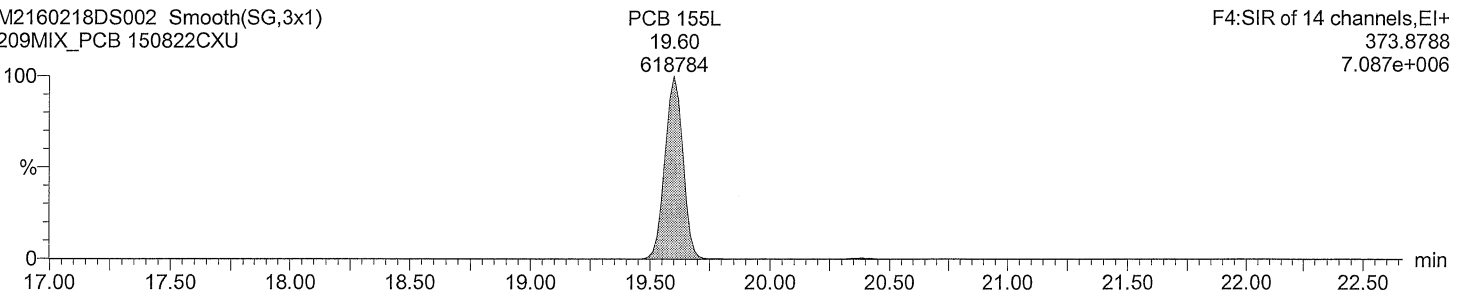
Total HxCB labeled F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total HxCB labeled F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

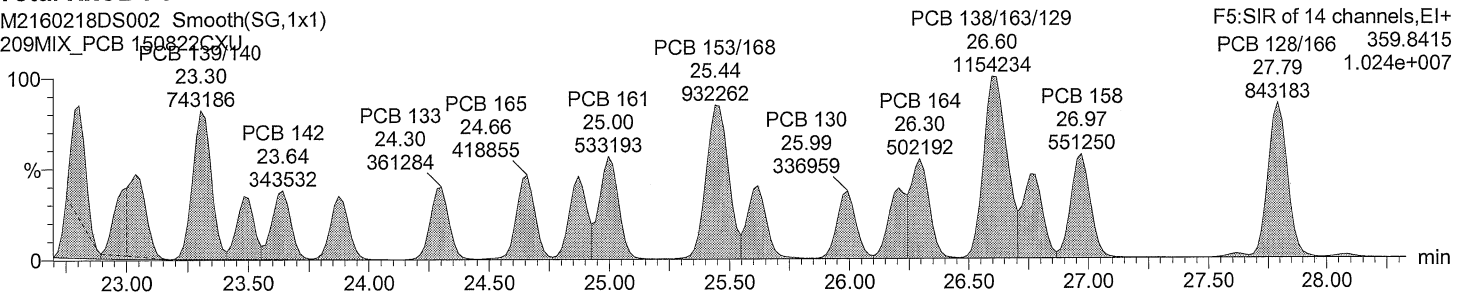
Time: 19:17:33

Instrument: Autospec-UltimaE

Total HxCB F5

M2160218DS002 Smooth(SG,1x1)

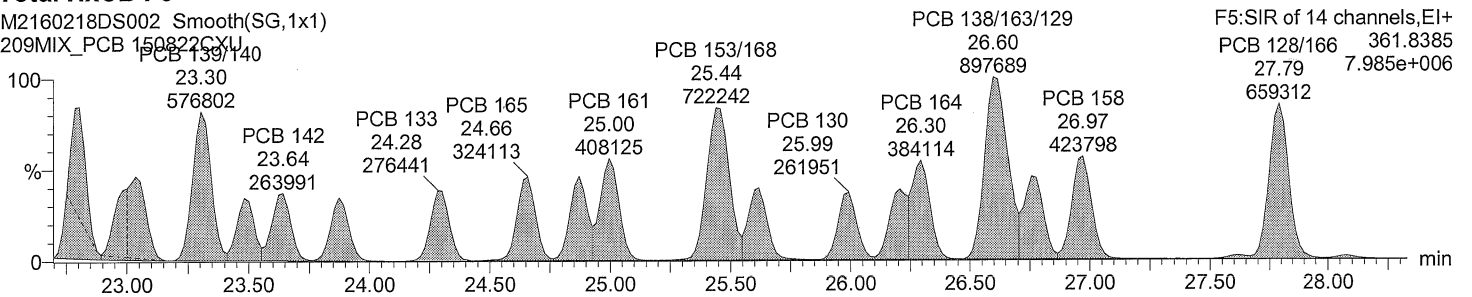
209MIX\_PCB 150822CXU



Total HxCB F5

M2160218DS002 Smooth(SG,1x1)

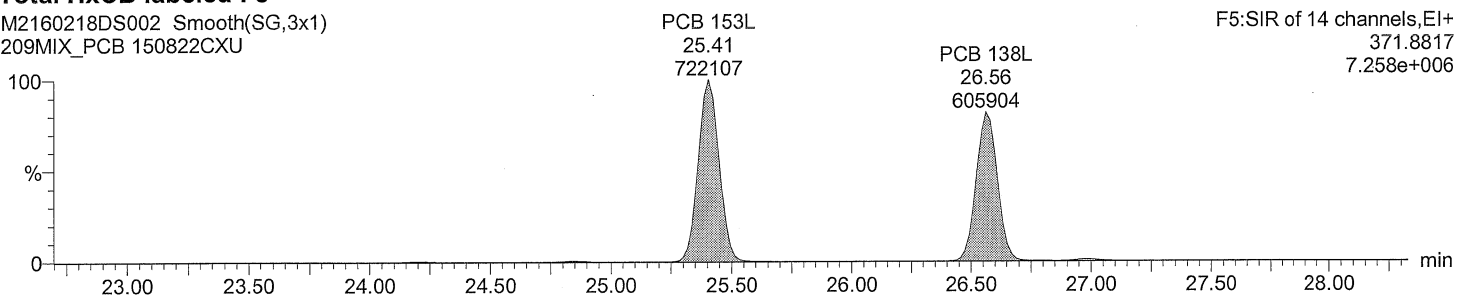
209MIX\_PCB 150822CXU



Total HxCB labeled F5

M2160218DS002 Smooth(SG,3x1)

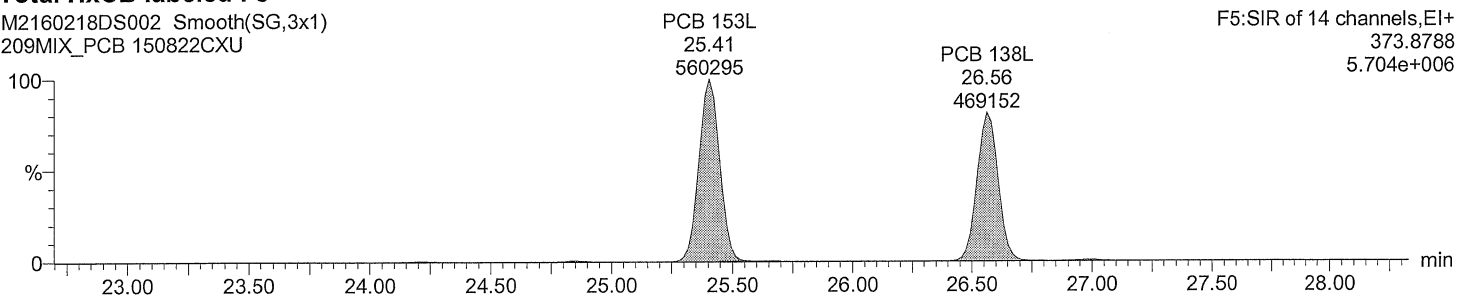
209MIX\_PCB 150822CXU



Total HxCB labeled F5

M2160218DS002 Smooth(SG,3x1)

209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

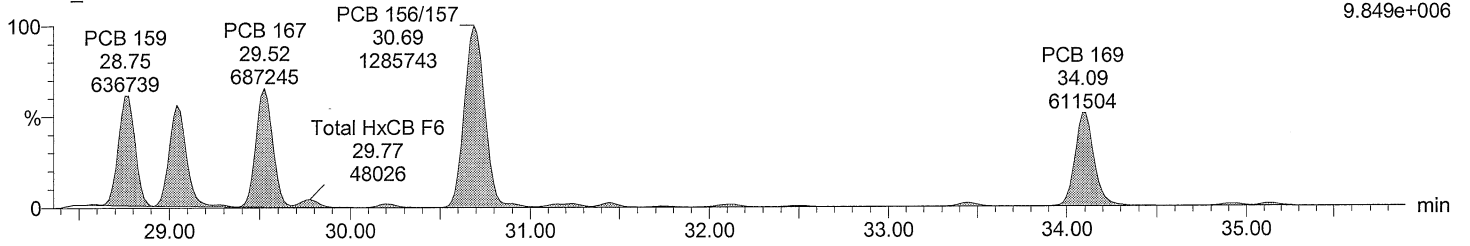
Time: 19:17:33

Instrument: Autospec-UltimaE

Total HxCB F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

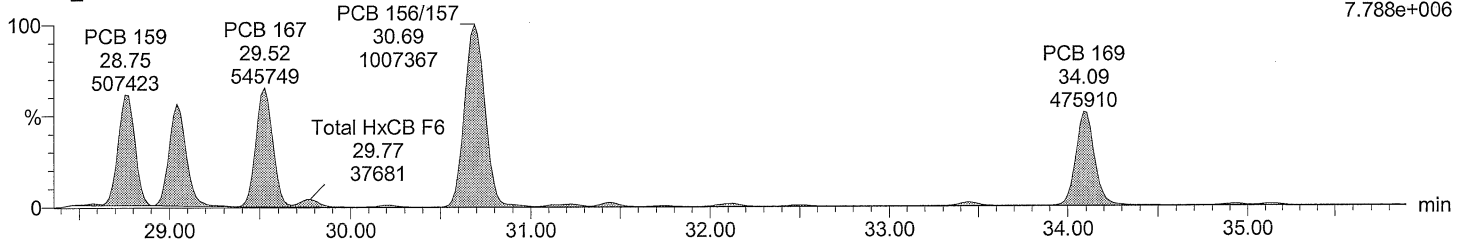
F6:SIR of 14 channels,EI+  
359.8415  
9.849e+006



Total HxCB F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

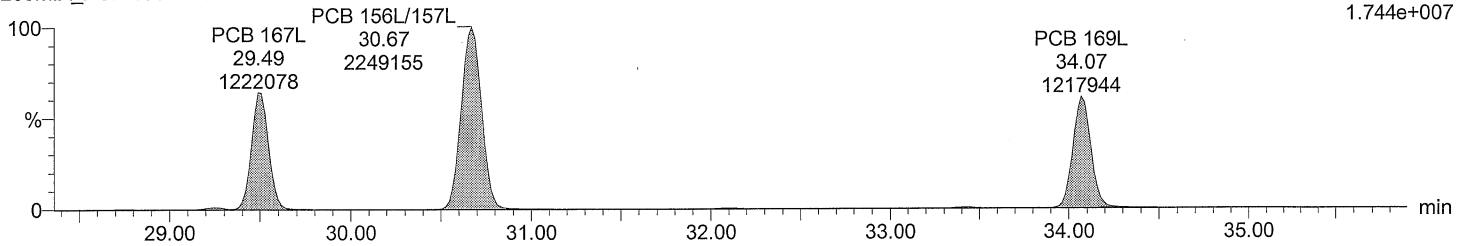
F6:SIR of 14 channels,EI+  
361.8385  
7.788e+006



Total HxCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

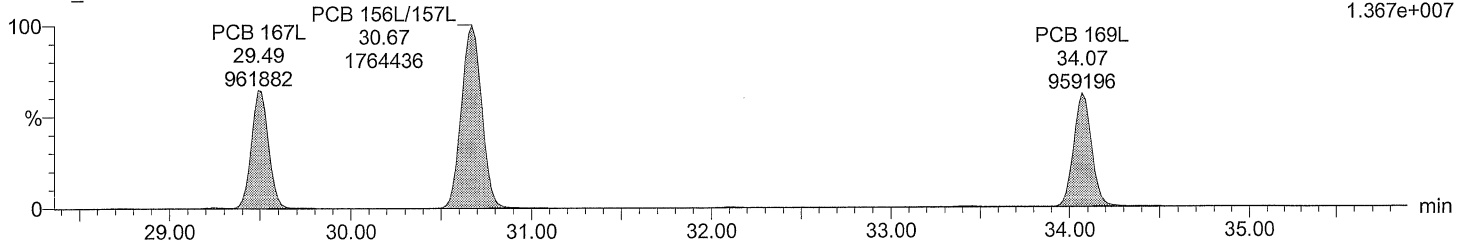
F6:SIR of 14 channels,EI+  
371.8817  
1.744e+007



Total HxCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+  
373.8788  
1.367e+007





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

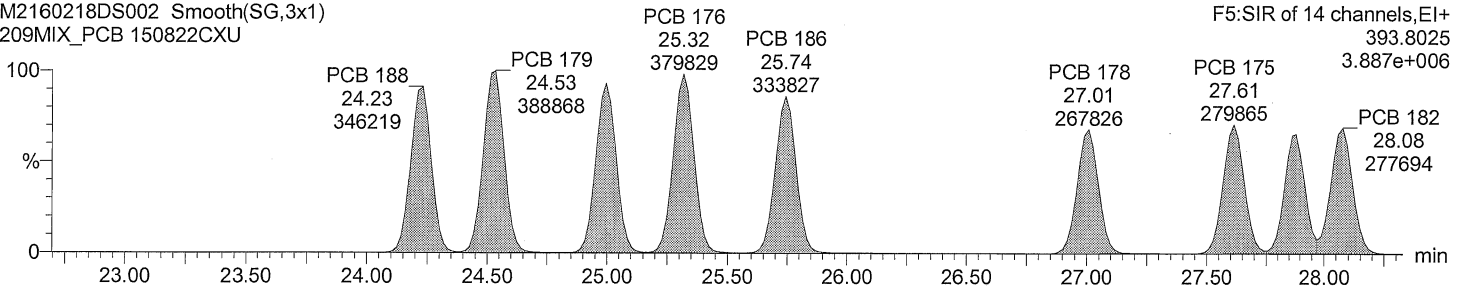
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

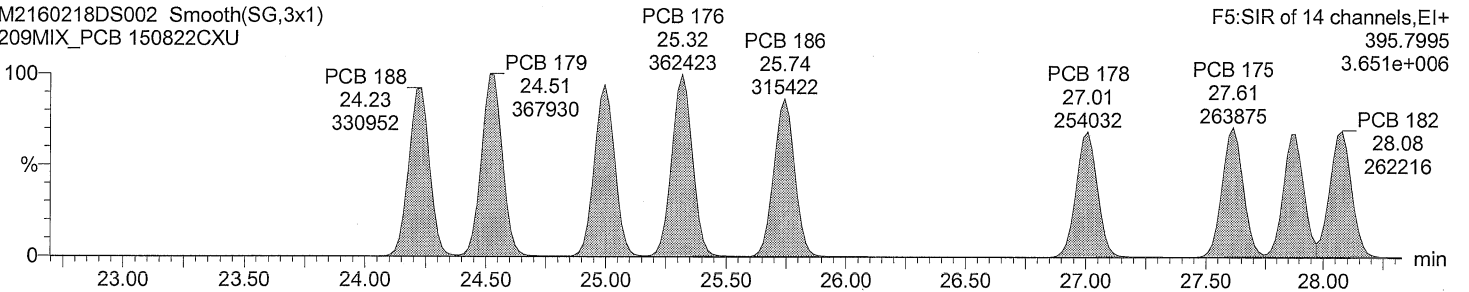
Total HpCB F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



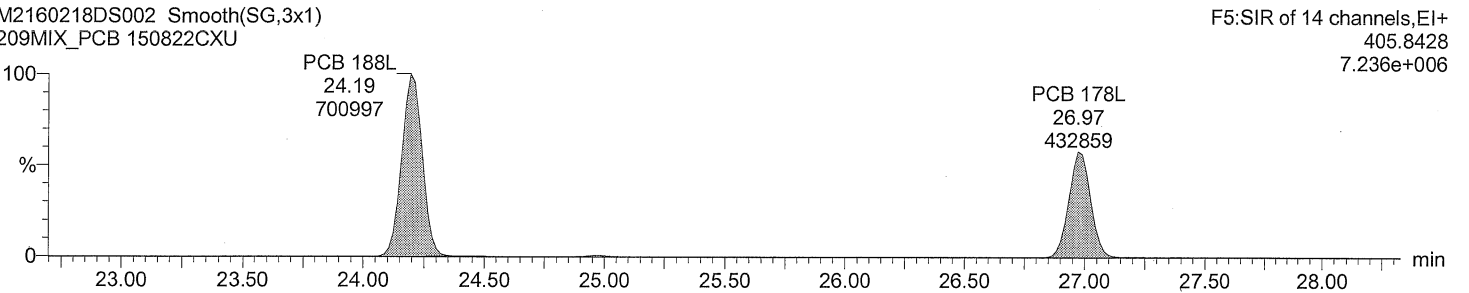
Total HpCB F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



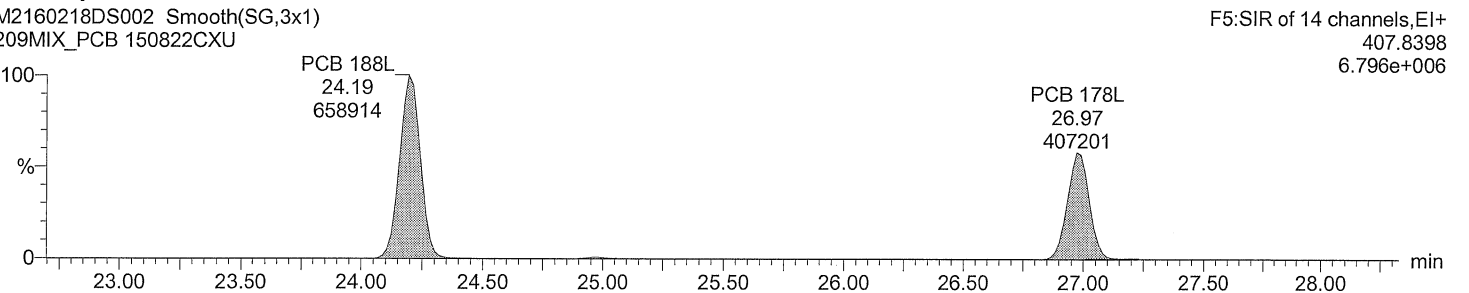
Total HpCB labeled F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total HpCB labeled F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

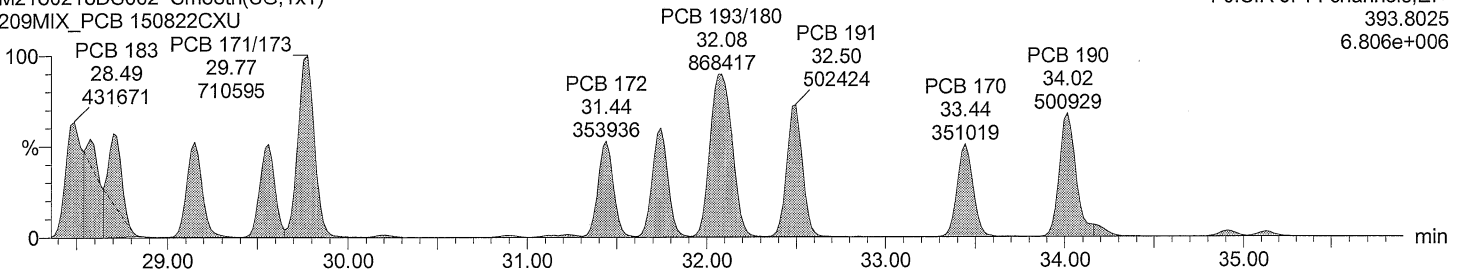
Time: 19:17:33

Instrument: Autospec-UltimaE

Total HpCB F6

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

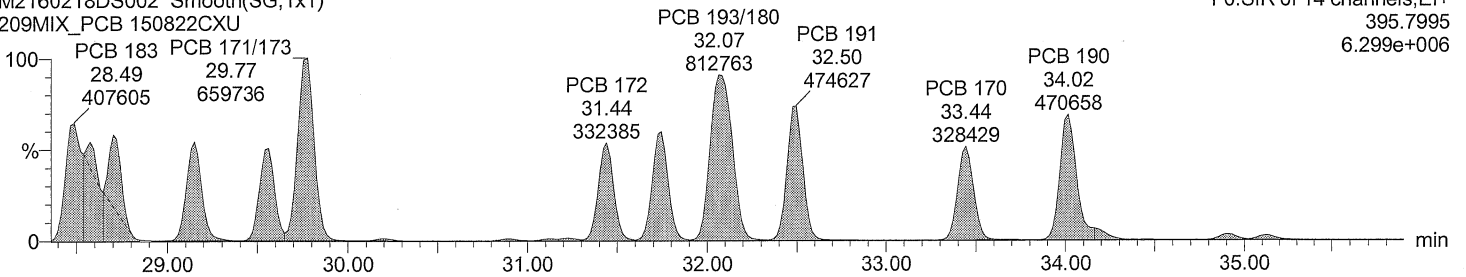
F6:SIR of 14 channels,EI+  
393.8025  
6.806e+006



Total HpCB F6

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

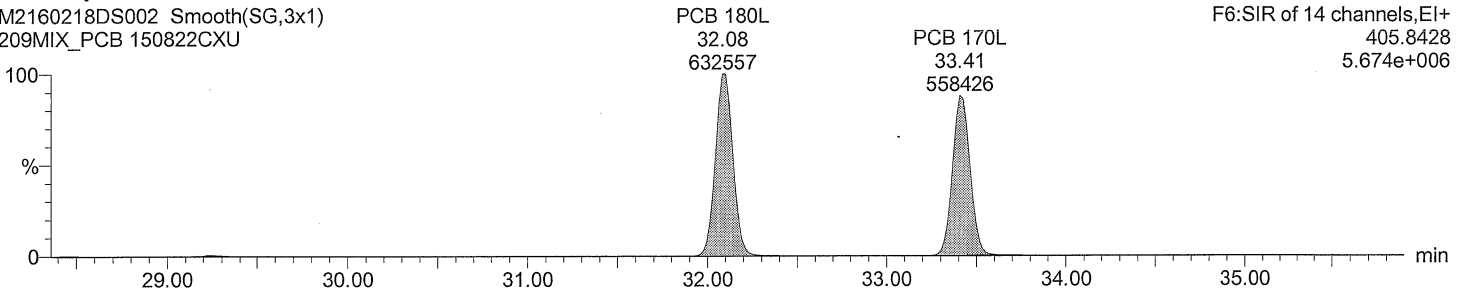
F6:SIR of 14 channels,EI+  
395.7995  
6.299e+006



Total HpCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

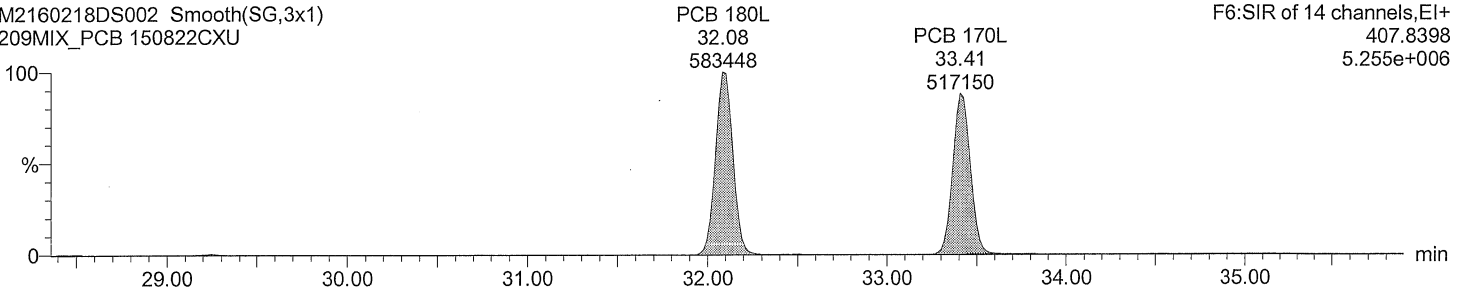
F6:SIR of 14 channels,EI+  
405.8428  
5.674e+006



Total HpCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+  
407.8398  
5.255e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time  
Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

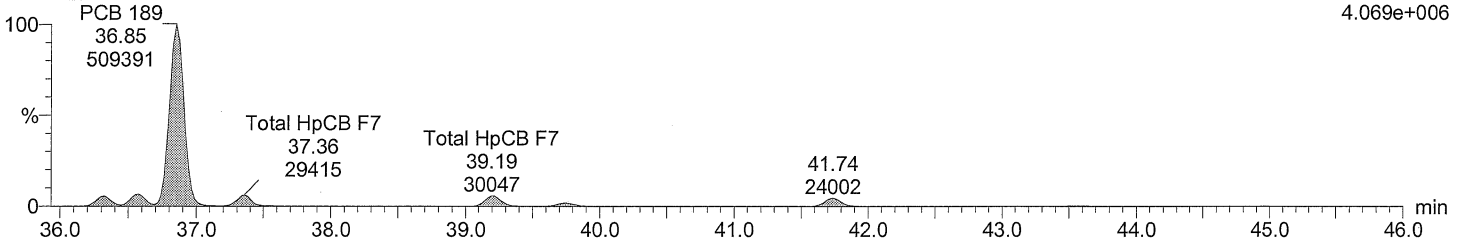
Time: 19:17:33

Instrument: Autospec-UltimaE

Total HpCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

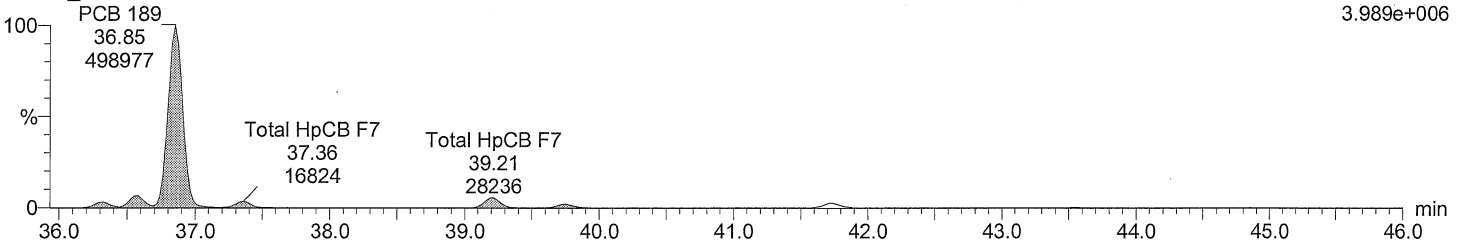
F7:SIR of 18 channels,EI+  
393.8025  
4.069e+006



Total HpCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

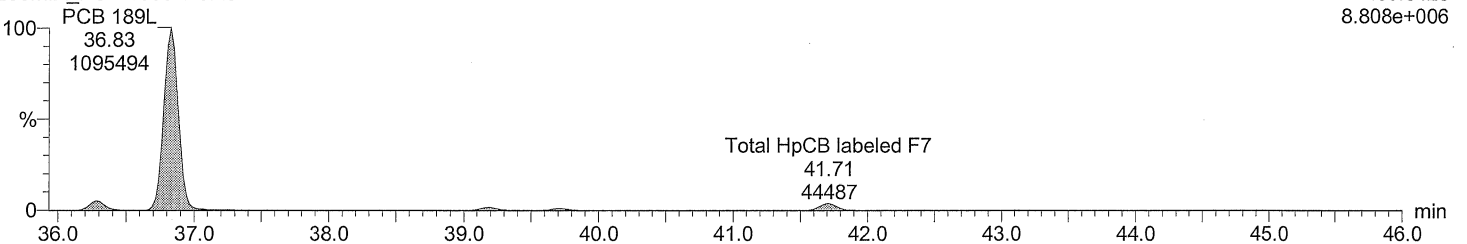
F7:SIR of 18 channels,EI+  
395.7995  
3.989e+006



Total HpCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

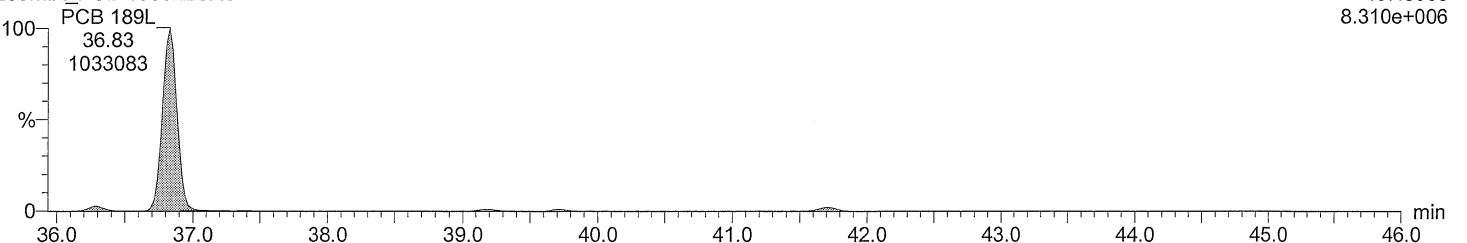
F7:SIR of 18 channels,EI+  
405.8428  
8.808e+006



Total HpCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+  
407.8398  
8.310e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

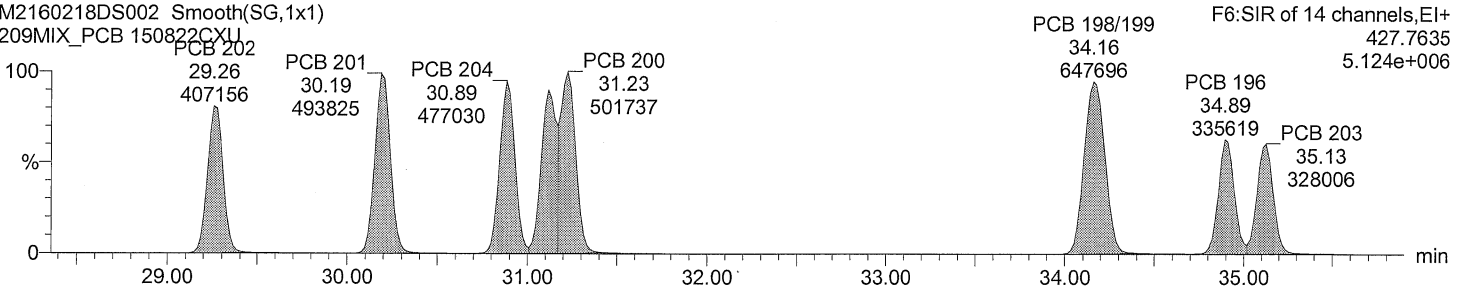
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

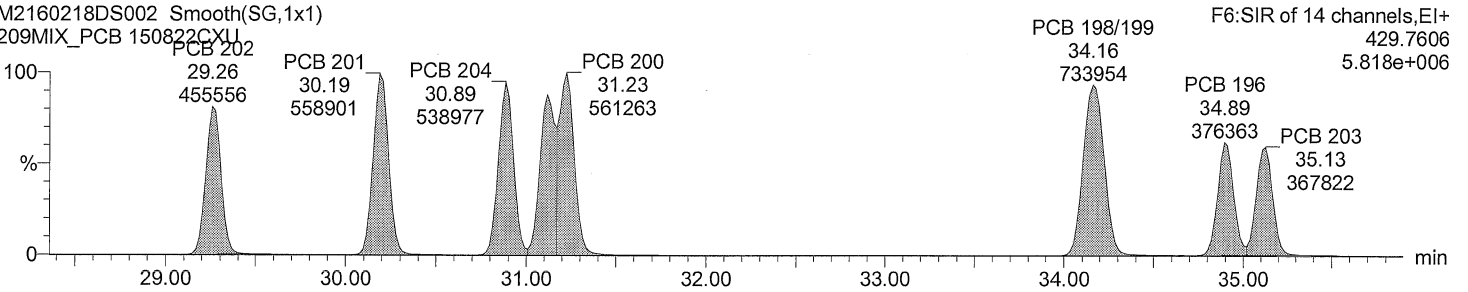
Total OcCB F6

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU



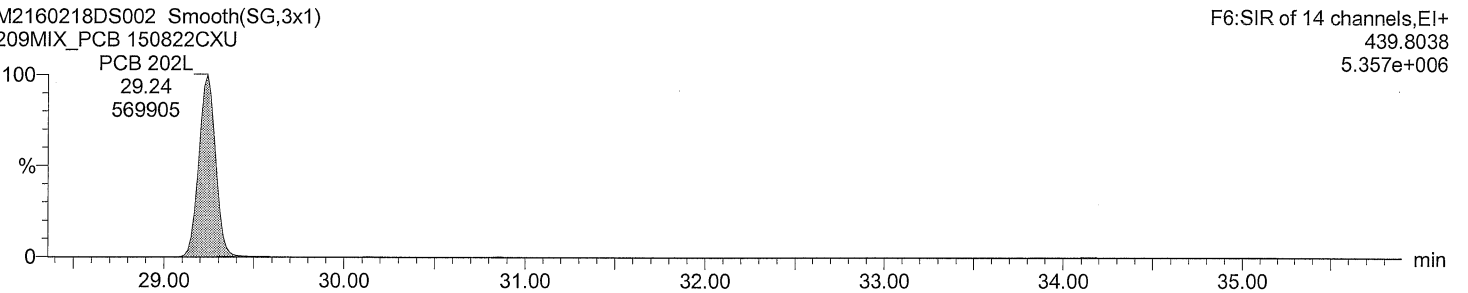
Total OcCB F6

M2160218DS002 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU



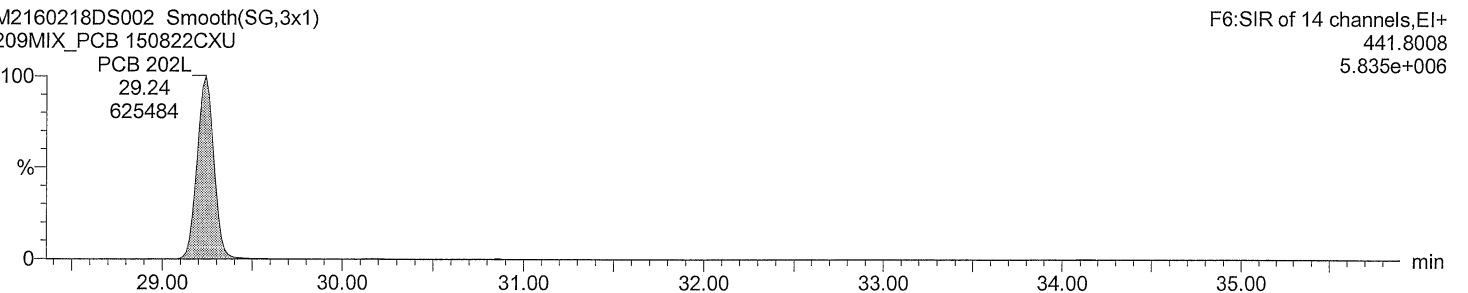
Total OcCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total OcCB labeled F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

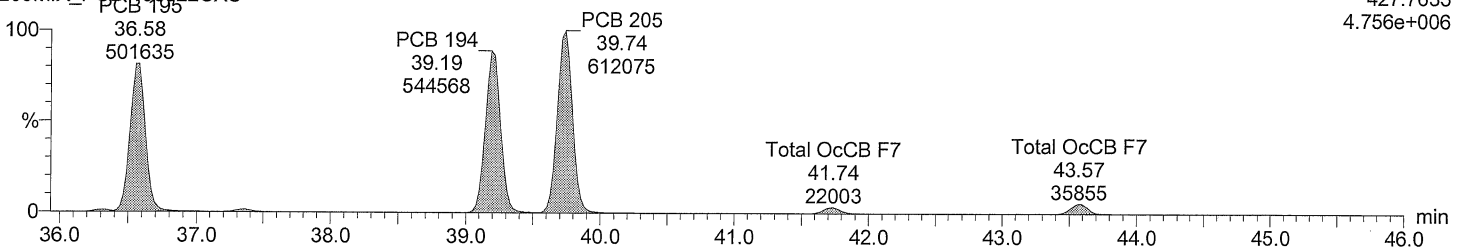
Time: 19:17:33

Instrument: Autospec-UltimaE

Total OcCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

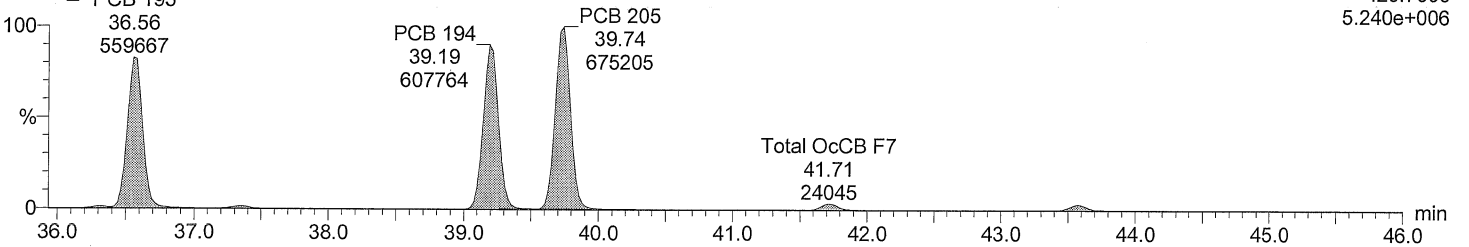
F7:SIR of 18 channels,EI+  
427.7635  
4.756e+006



Total OcCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

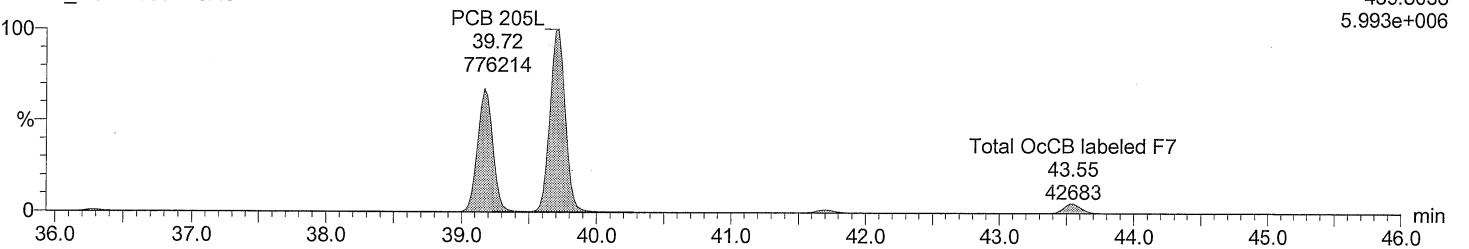
F7:SIR of 18 channels,EI+  
429.7606  
5.240e+006



Total OcCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

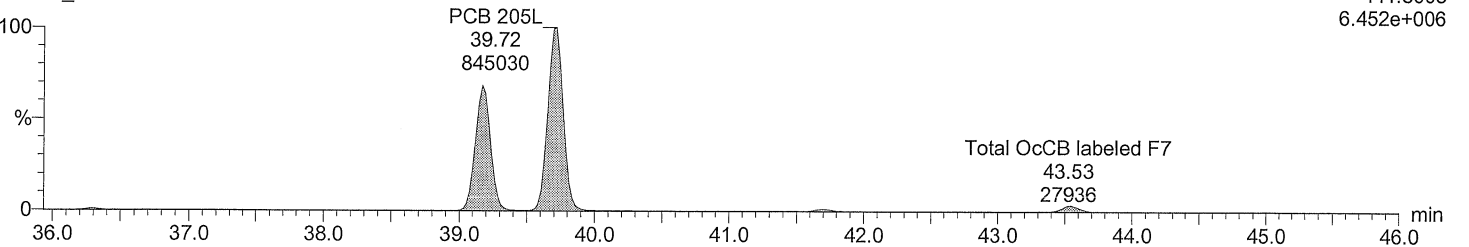
F7:SIR of 18 channels,EI+  
439.8038  
5.993e+006



Total OcCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+  
441.8008  
6.452e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

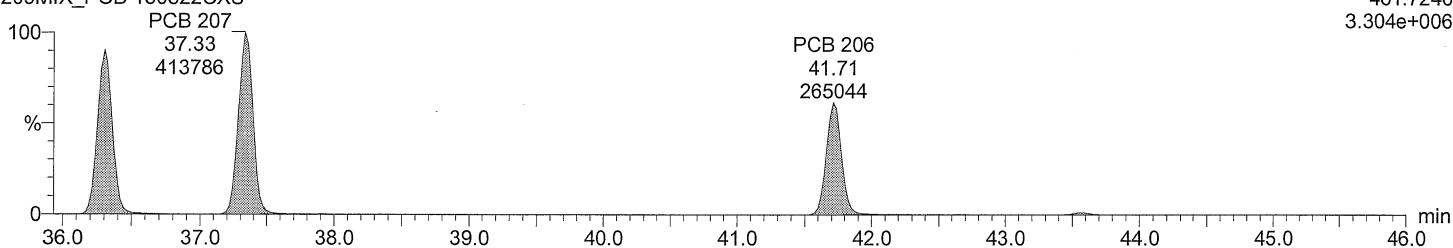
Time: 19:17:33

Instrument: Autospec-UltimaE

Total NoCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

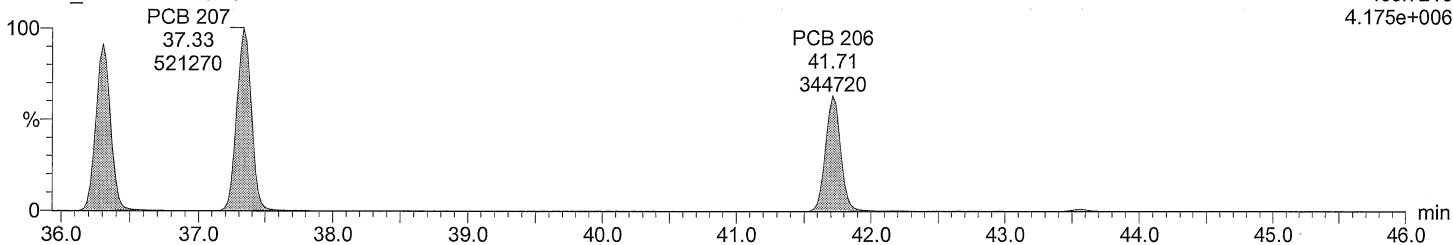
F7:SIR of 18 channels,EI+  
461.7246  
3.304e+006



Total NoCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

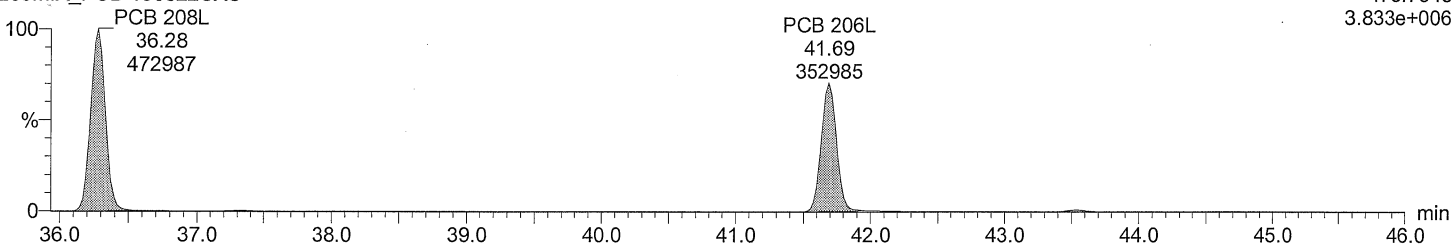
F7:SIR of 18 channels,EI+  
463.7216  
4.175e+006



Total NoCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

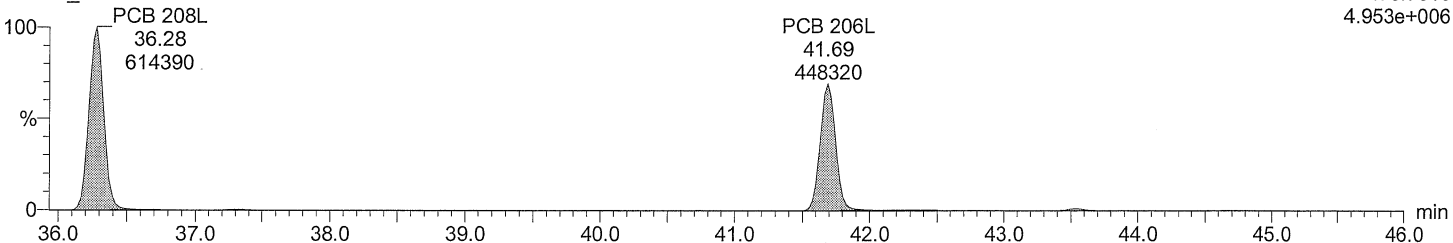
F7:SIR of 18 channels,EI+  
473.7648  
3.833e+006



Total NoCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+  
475.7619  
4.953e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

Time: 19:17:33

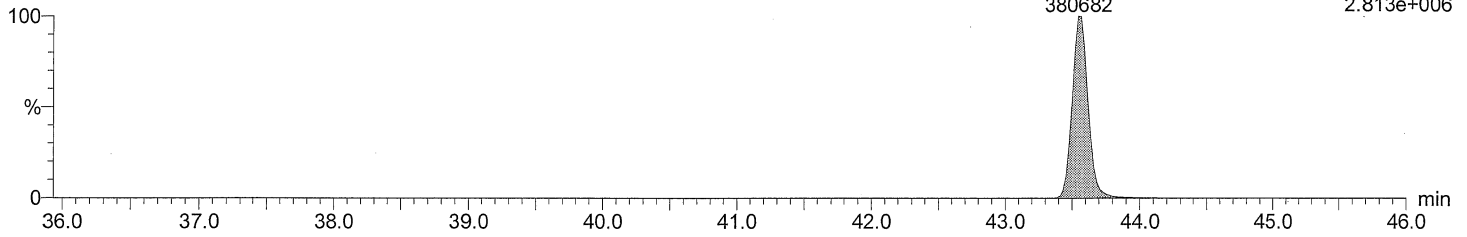
Instrument: Autospec-UltimaE

Total DeCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 209  
43.55  
380682

F7:SIR of 18 channels,EI+  
497.6826  
2.813e+006

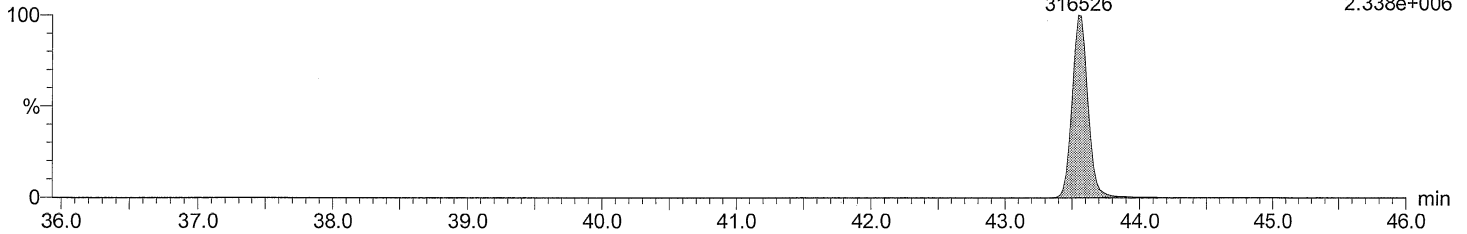


Total DeCB F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 209  
43.55  
316526

F7:SIR of 18 channels,EI+  
499.6797  
2.338e+006

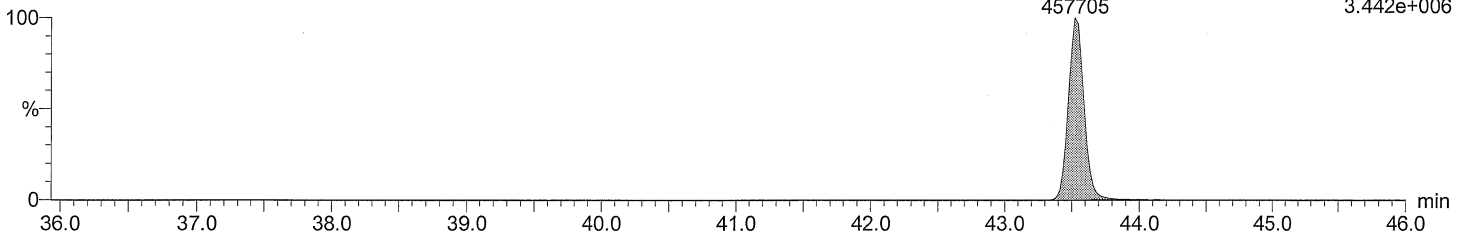


Total DeCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 209L  
43.53  
457705

F7:SIR of 18 channels,EI+  
509.7229  
3.442e+006

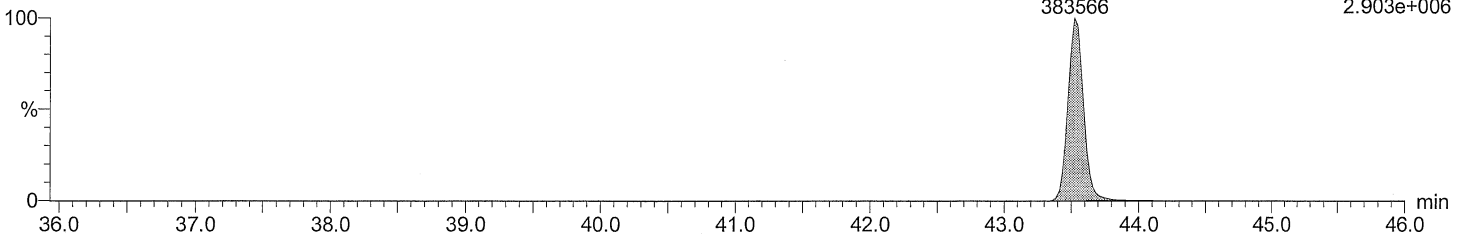


Total DeCB labeled F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 209L  
43.53  
383566

F7:SIR of 18 channels,EI+  
511.7199  
2.903e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

Date: 18-FEB-2016

Time: 19:17:33

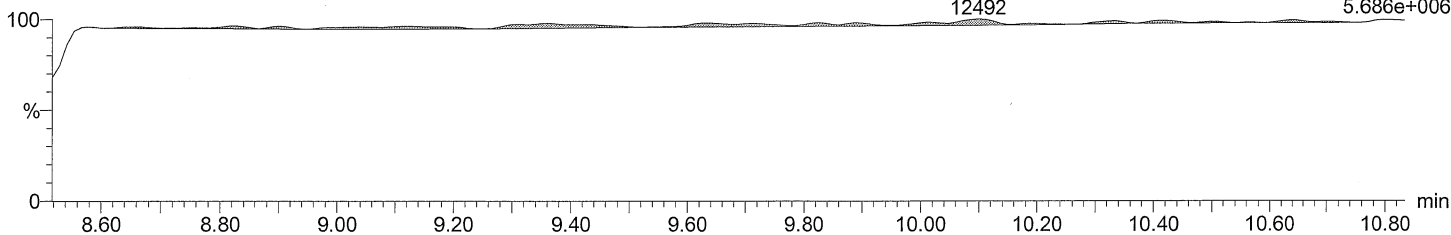
Instrument: Autospec-UltimaE

lockmass F1

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

lockmass F1  
10.10  
12492

F1:SIR of 10 channels,EI+  
218.9856  
5.686e+006

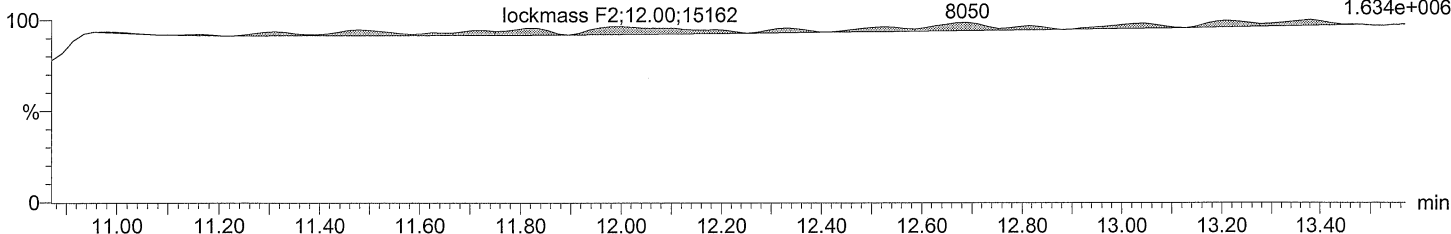


lockmass F2

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

lockmass F2  
12.69  
8050

F2:SIR of 16 channels,EI+  
242.9856  
1.634e+006

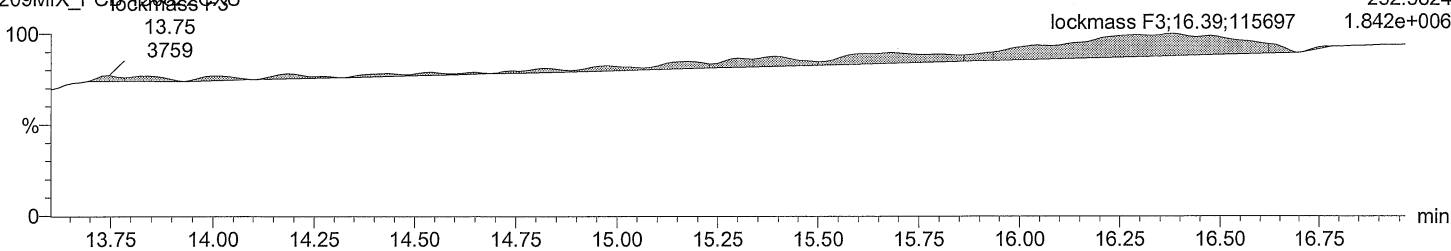


lockmass F3

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

lockmass F3  
13.75  
3759

F3:SIR of 14 channels,EI+  
292.9824  
1.842e+006



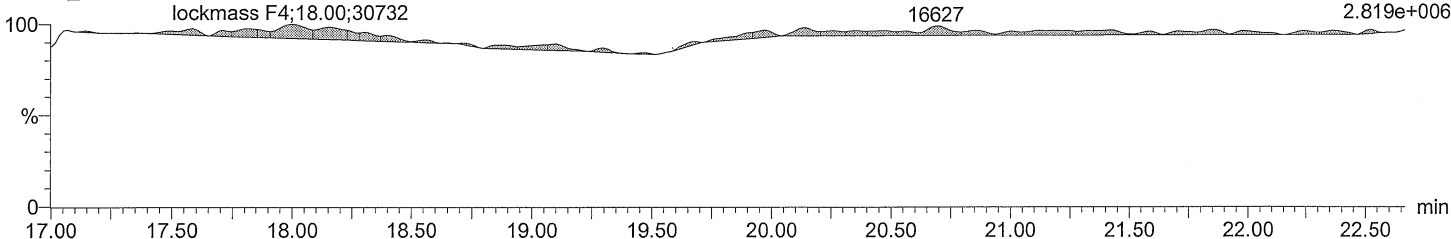
lockmass F4

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

lockmass F4;18.00;30732

lockmass F4  
20.69  
16627

F4:SIR of 14 channels,EI+  
330.9792  
2.819e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 2

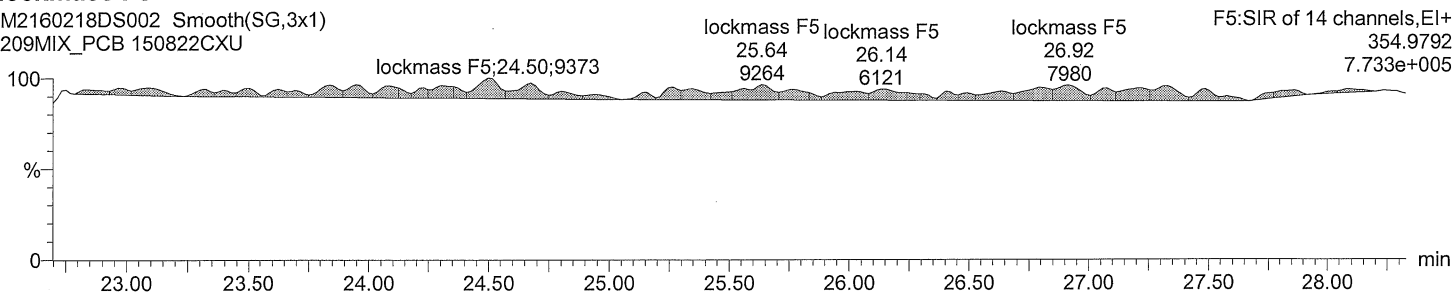
Date: 18-FEB-2016

Time: 19:17:33

Instrument: Autospec-UltimaE

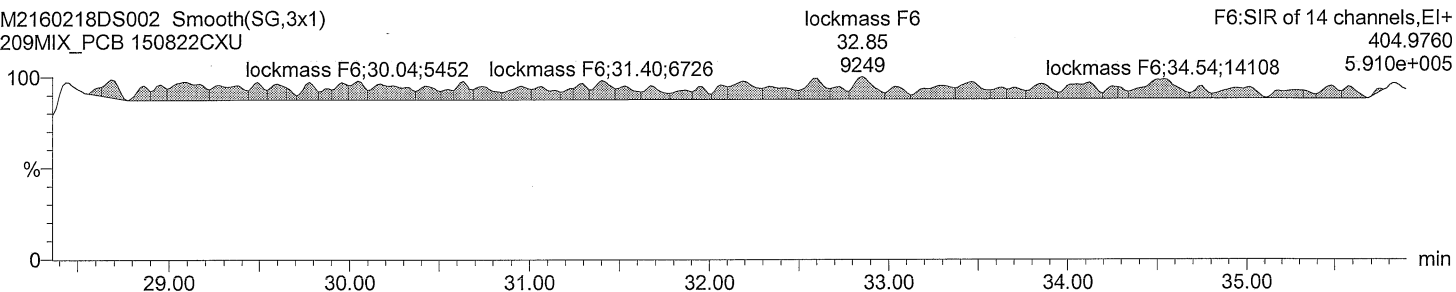
lockmass F5

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



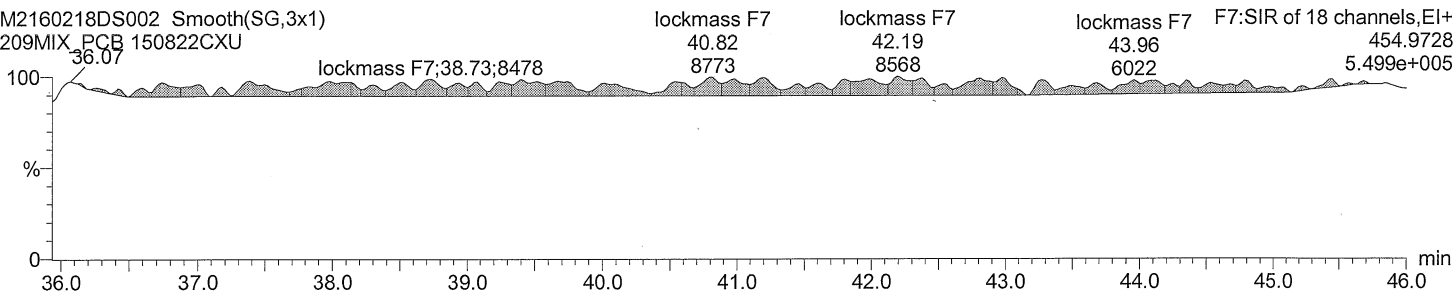
lockmass F6

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



lockmass F7

M2160218DS002 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
19-Feb-16	10:22:41	Process Integrate			
19-Feb-16	10:22:41	Process Calibrate			
19-Feb-16	10:22:41	Process Quantify			
19-Feb-16	10:22:42	Dataset Created			
19-Feb-16	10:22:59	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLDM21602...	
19-Feb-16	10:24:04	Peak deleted	11.687	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Pre modification peak	11.540	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Peak modified	11.498	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Peak added	11.540	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Peak deleted	11.687	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Pre modification peak	11.498	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Peak modified	11.498	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:04	Peak added	11.561	Sample:M2160218DS002, Compound:Total DiC...	
19-Feb-16	10:24:46	Pre modification peak	12.858	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:24:46	Peak modified	12.858	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:24:46	Peak added	12.900	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:24:46	Pre modification peak	12.858	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:24:46	Peak modified	12.858	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:24:46	Peak added	12.900	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:25:19	Pre modification peak	14.525	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:25:19	Peak modified	14.525	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:25:19	Pre modification peak	14.525	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:25:19	Peak modified	14.525	Sample:M2160218DS002, Compound:Total TriC...	
19-Feb-16	10:25:45	Pre modification peak	15.446	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:25:45	Peak modified	15.446	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:25:45	Pre modification peak	15.374	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:25:45	Peak modified	15.374	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Pre modification peak	18.691	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Peak modified	18.691	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Pre modification peak	21.416	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Peak modified	21.416	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Pre modification peak	18.691	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Peak modified	18.691	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Pre modification peak	21.416	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:26:33	Peak modified	21.416	Sample:M2160218DS002, Compound:Total TeC...	
19-Feb-16	10:27:52	Pre modification peak	21.203	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	21.310	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	21.149	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	21.203	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	20.223	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	20.223	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak deleted	20.063	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak deleted	18.103	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	17.907	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	17.907	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak deleted	18.103	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	17.907	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	17.907	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	21.203	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	21.310	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	21.149	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak modified	21.203	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Pre modification peak	20.223	Sample:M2160218DS002, Compound:Total PeC...	

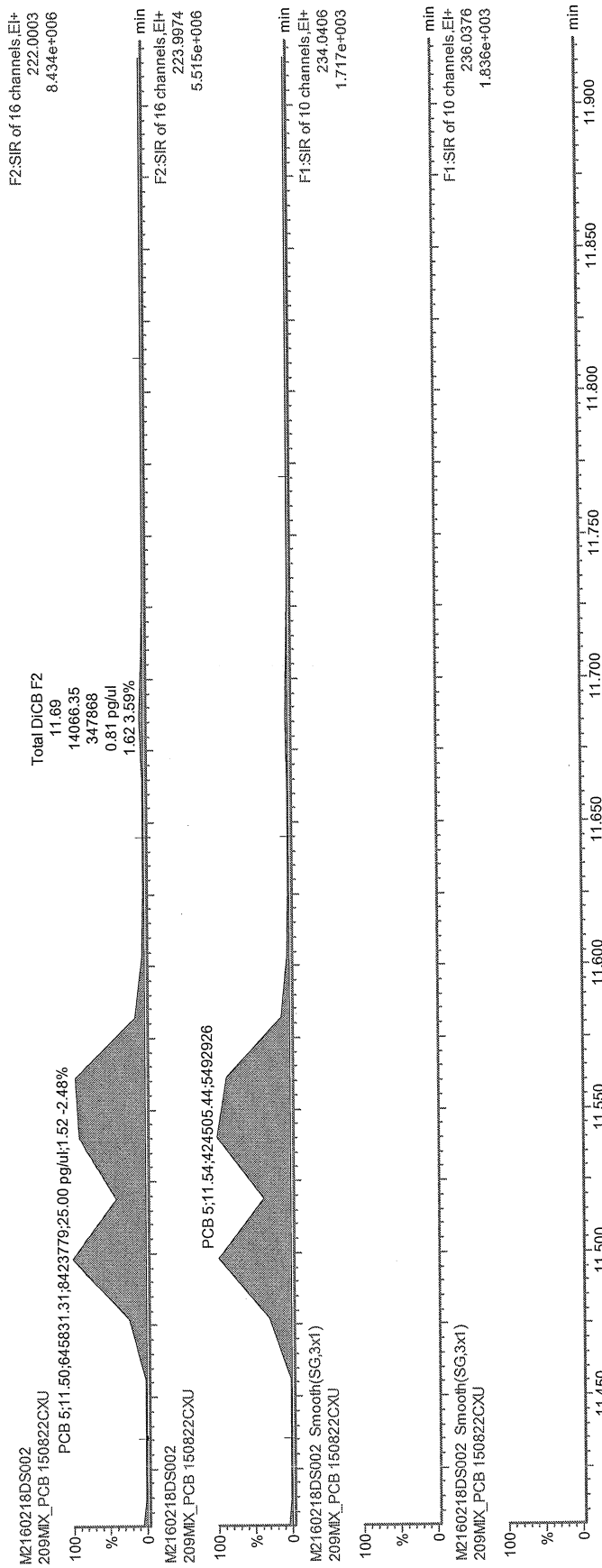
Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218D\_209MIX\_Test.qld

Last Altered: February 19, 2016 11:38:57 AM Eastern Standard Time

Printed: February 19, 2016 11:47:14 AM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
19-Feb-16	10:27:52	Peak modified	20.223	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:27:52	Peak deleted	20.063	Sample:M2160218DS002, Compound:Total PeC...	
19-Feb-16	10:28:39	Pre modification peak	22.503	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	10:28:39	Peak modified	22.503	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	10:28:39	Pre modification peak	22.503	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	10:28:39	Peak modified	22.503	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:11:48	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	
19-Feb-16	11:37:54	Pre modification peak	23.036	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak modified	23.036	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak deleted	23.001	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Pre modification peak	22.805	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak modified	22.805	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Pre modification peak	23.036	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak modified	23.036	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak deleted	22.947	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Pre modification peak	22.805	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:37:54	Peak modified	22.805	Sample:M2160218DS002, Compound:Total HxC...	
19-Feb-16	11:38:56	Pre modification peak	28.702	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak modified	28.702	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Pre modification peak	28.576	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak modified	28.576	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak added	28.487	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Pre modification peak	28.702	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak modified	28.702	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Pre modification peak	28.576	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak modified	28.576	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:38:56	Peak added	28.487	Sample:M2160218DS002, Compound:Total HpC...	
19-Feb-16	11:39:43	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	
19-Feb-16	11:47:11	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	



F2:SIR of 16 channels.EI+  
222.0003  
8.434e+006

F2:SIR of 16 channels.EI+  
223.9974  
5.515e+006

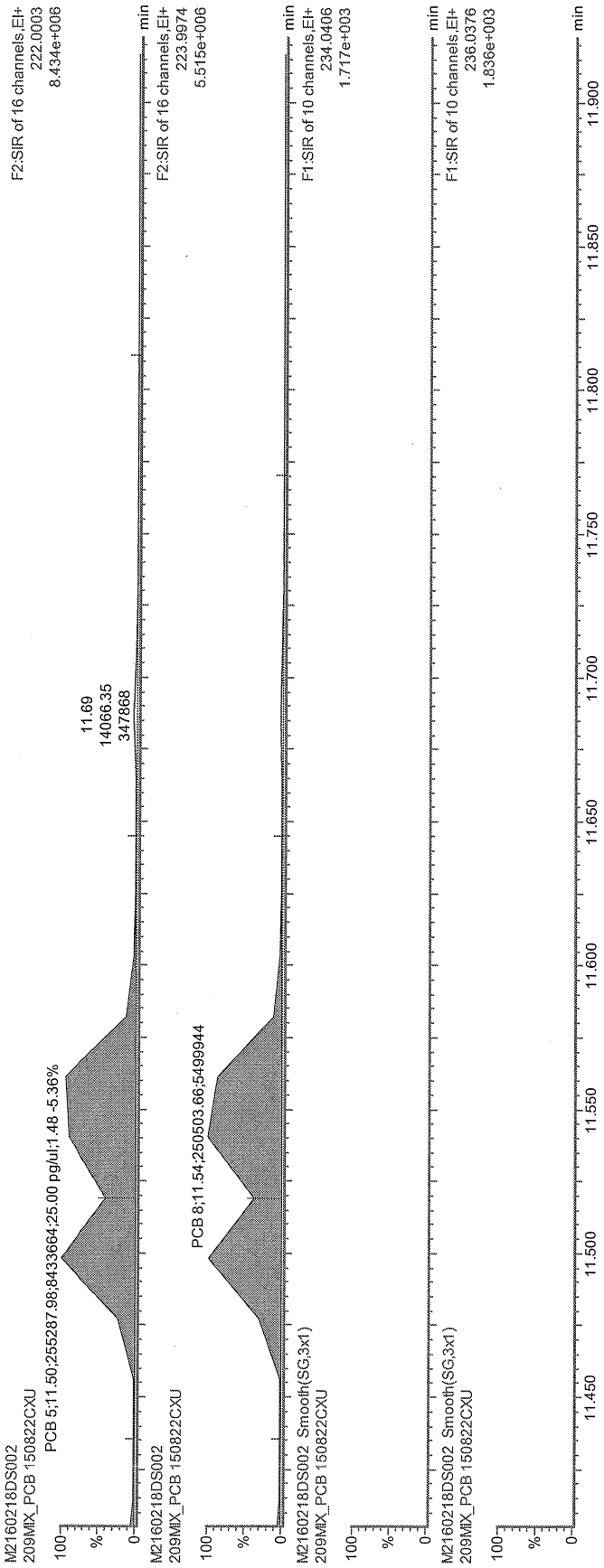
F1:SIR of 10 channels.EI+  
234.0406  
1.717e+003

F1:SIR of 10 channels.EI+  
236.0376  
1.836e+003

Total DiCB F2  
11.69  
14066.35  
347868  
0.81 pg/ul  
1.62 3.59%

*bed*  
2016-02-19

FEB 23 2016  
*de*



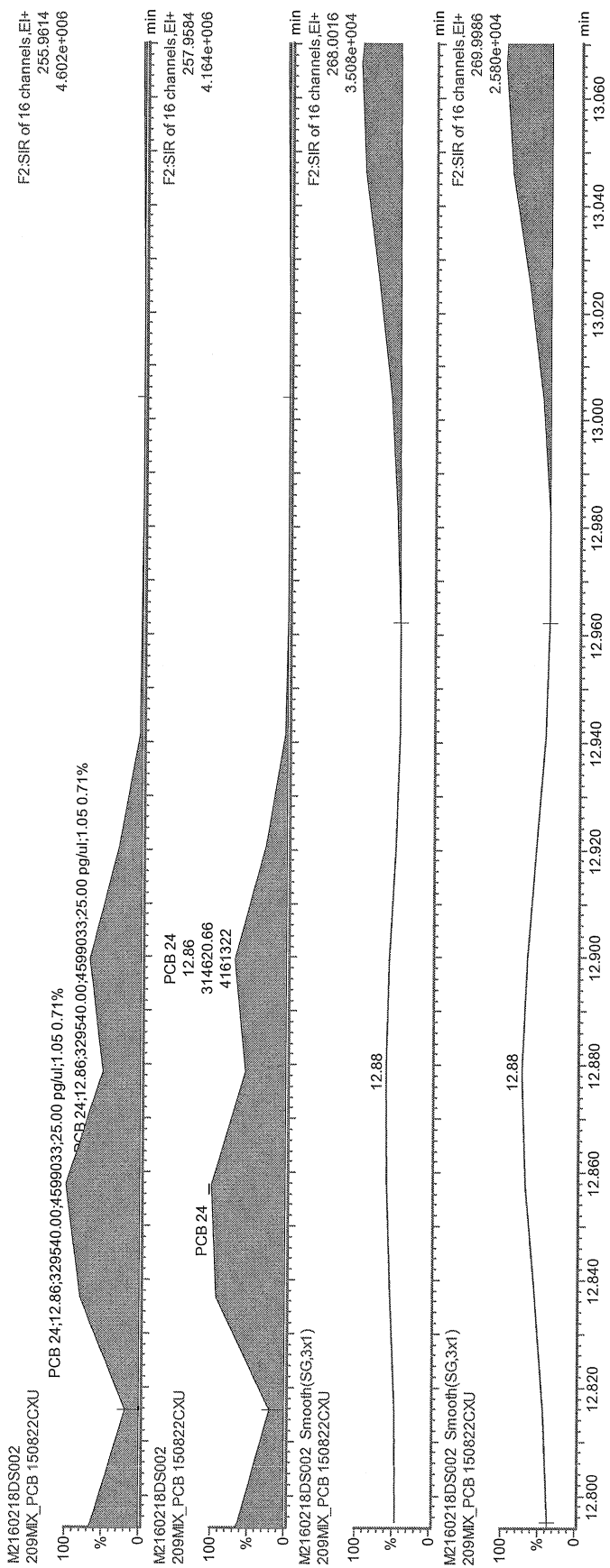
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2016-02-19

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FEB 23 2016

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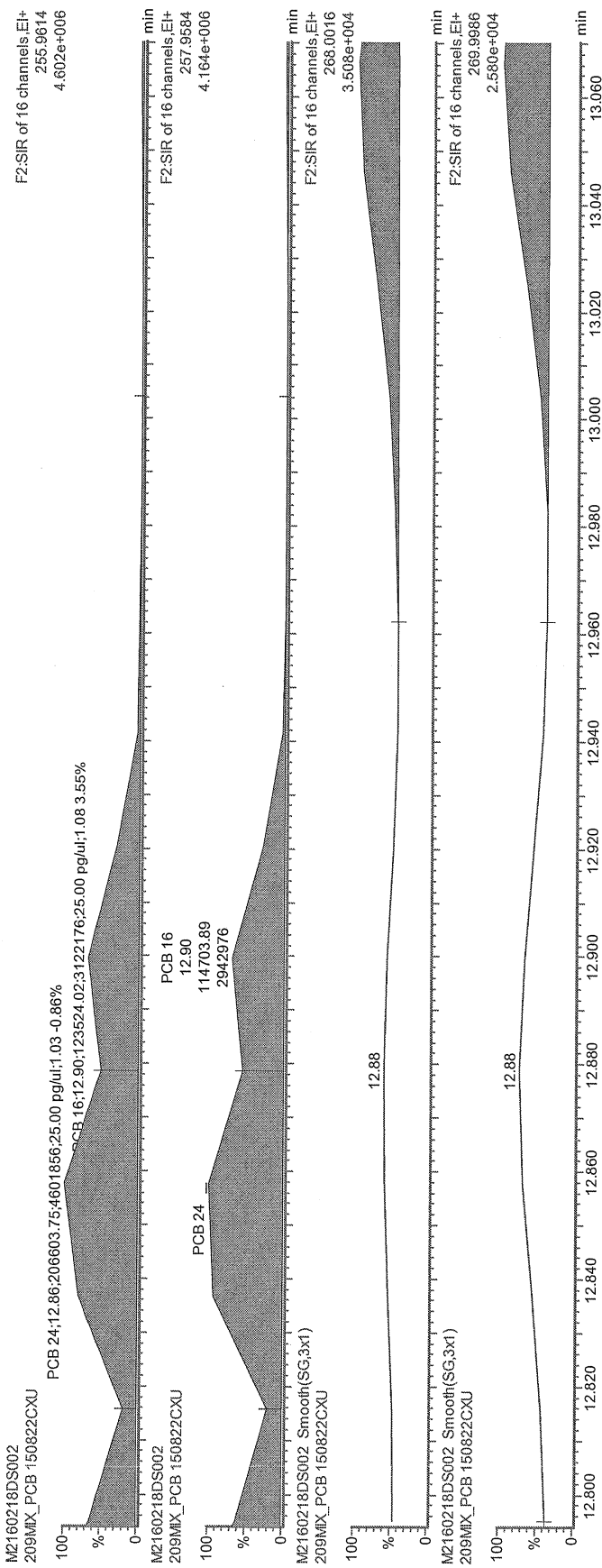
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2016-02-19

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FEB 23 2016

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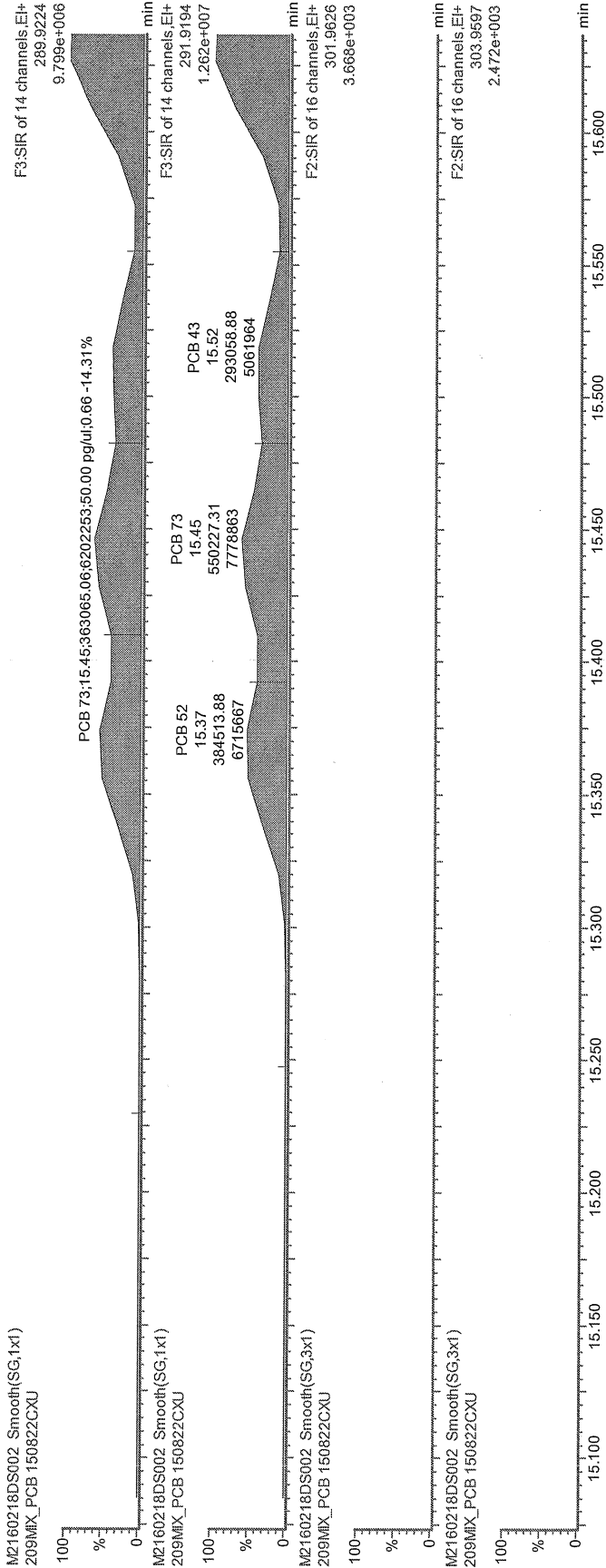
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2016-02-19

8

FEB 23 2016

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*bef*

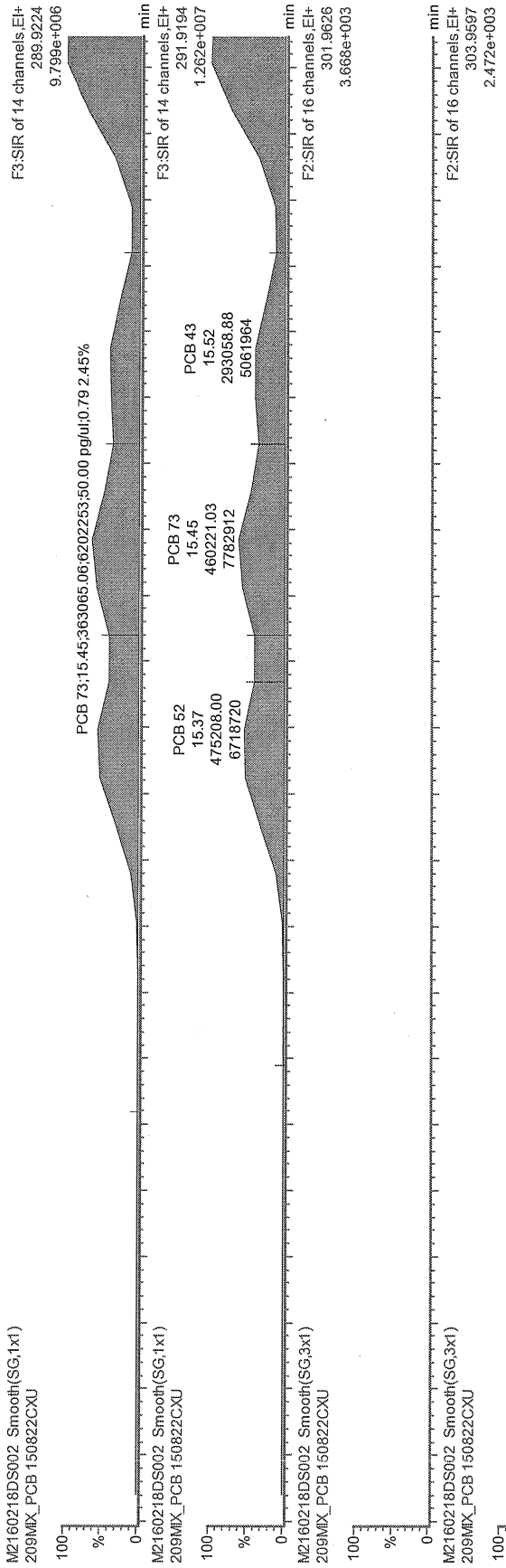
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FEB 23 2016

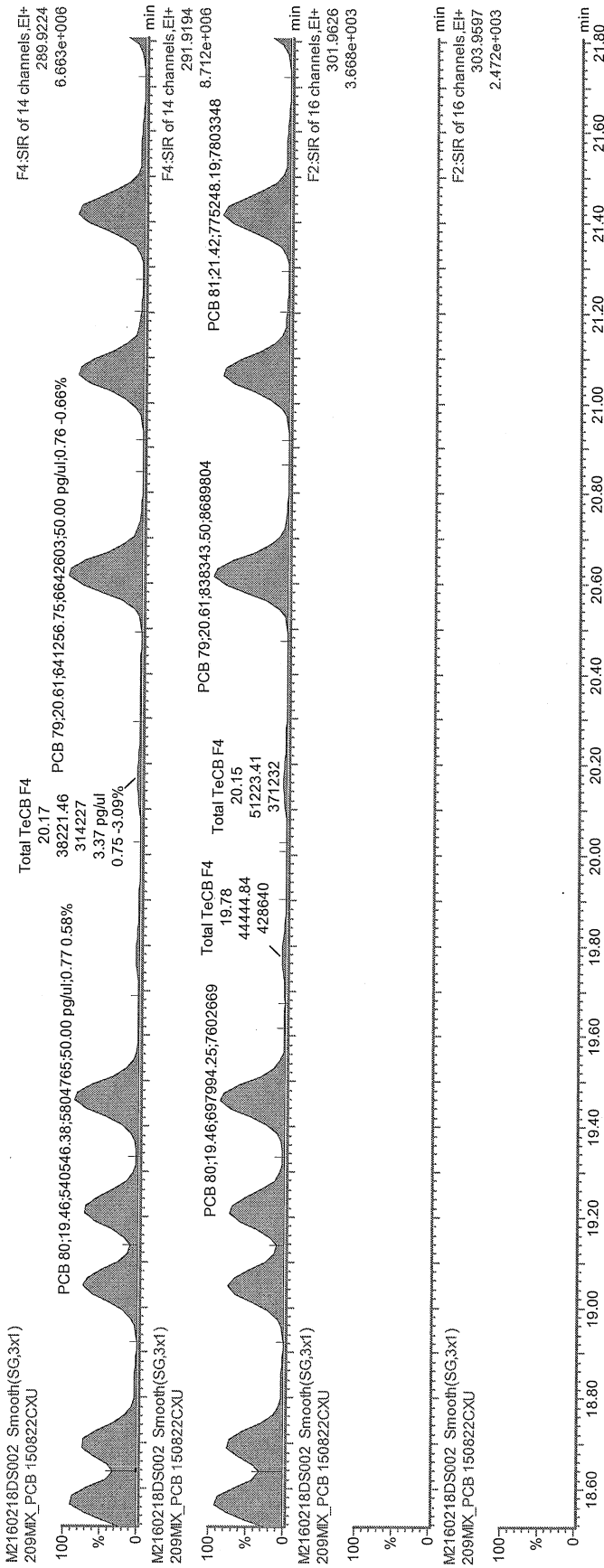
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M3  
2016-02-19

FEB 23 2016  
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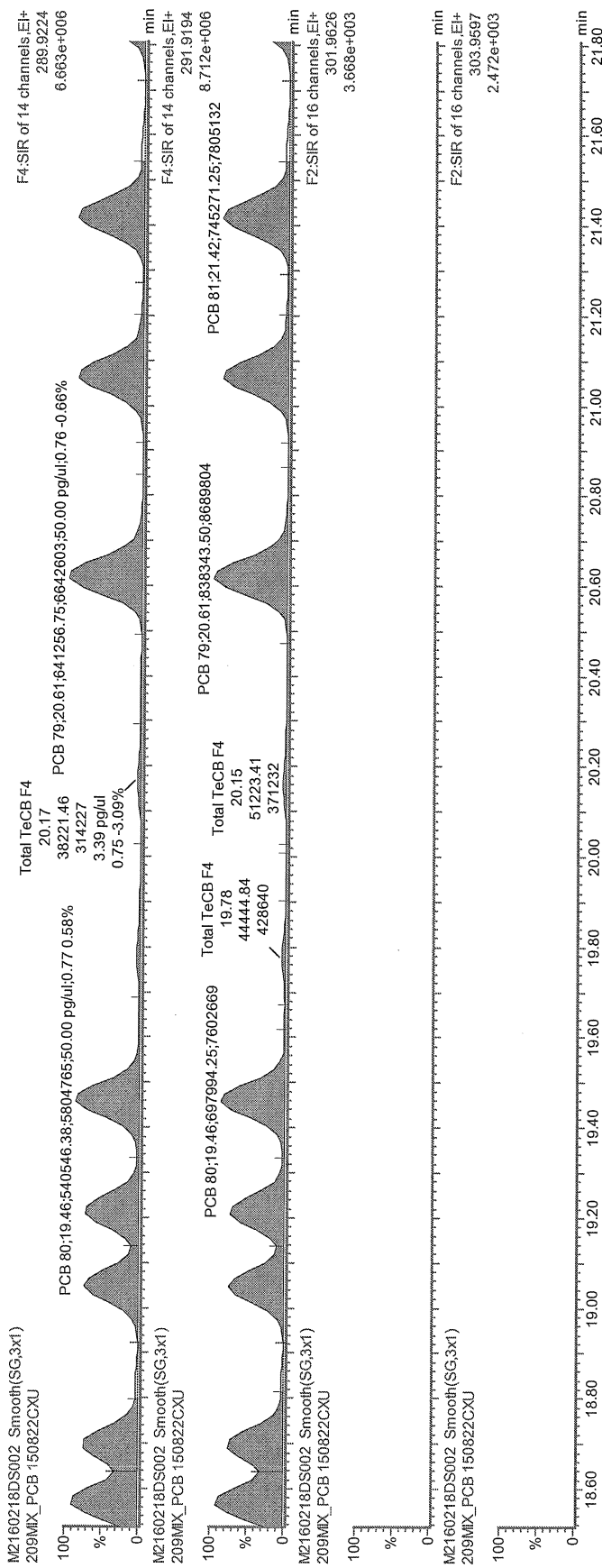
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2016-02-19

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FEB 23 2016

*ce*



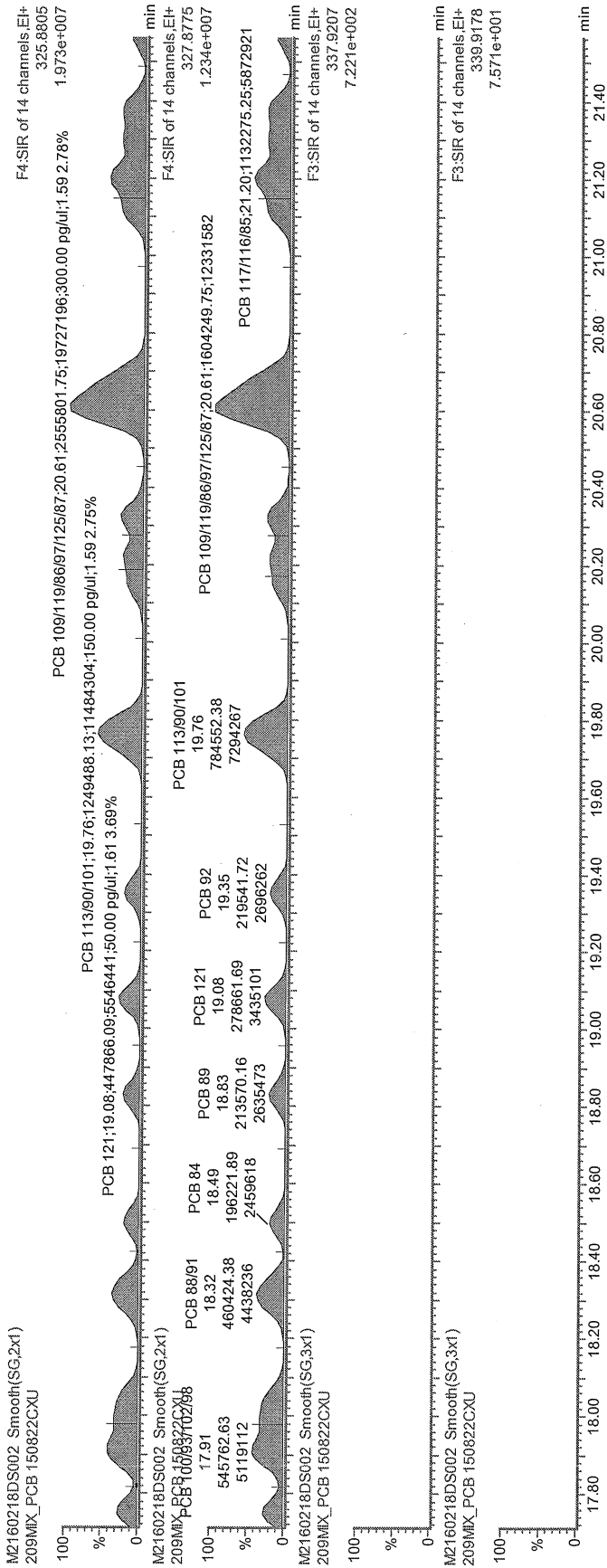
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2016-02-19

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FEB 23 2016

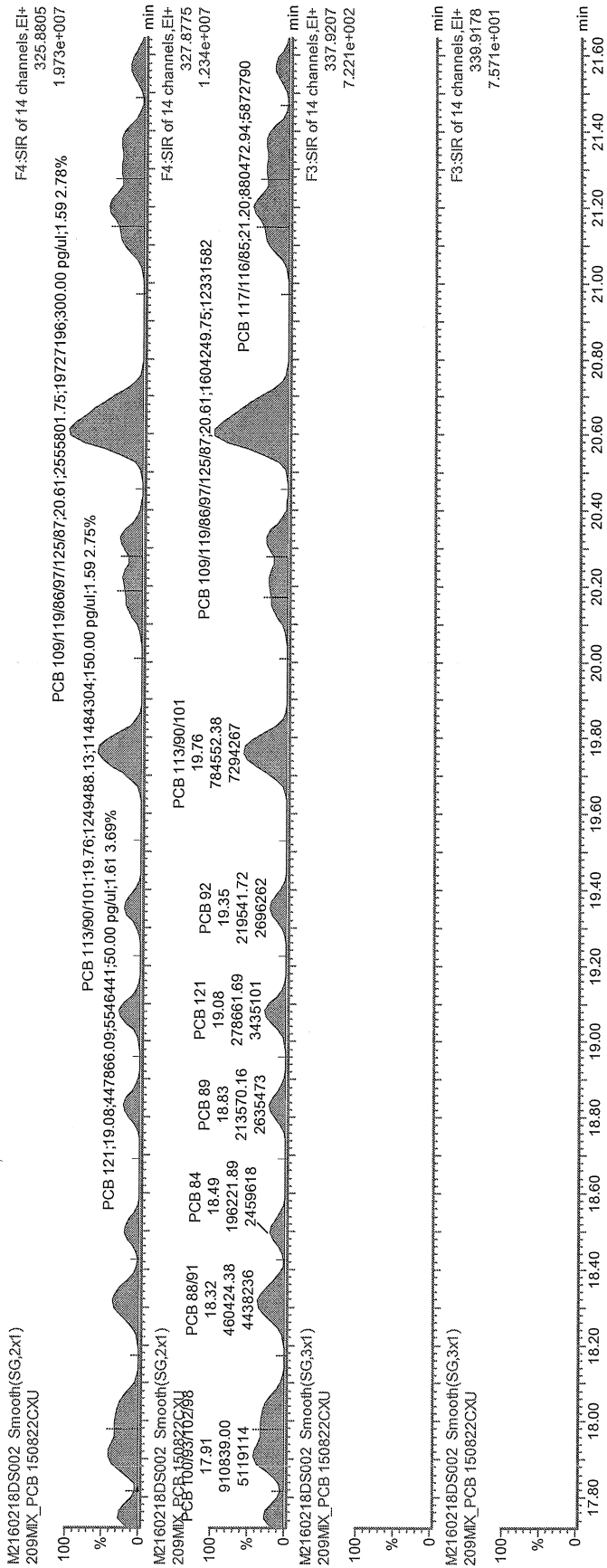
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 2016-02-19

FEB 23 2016

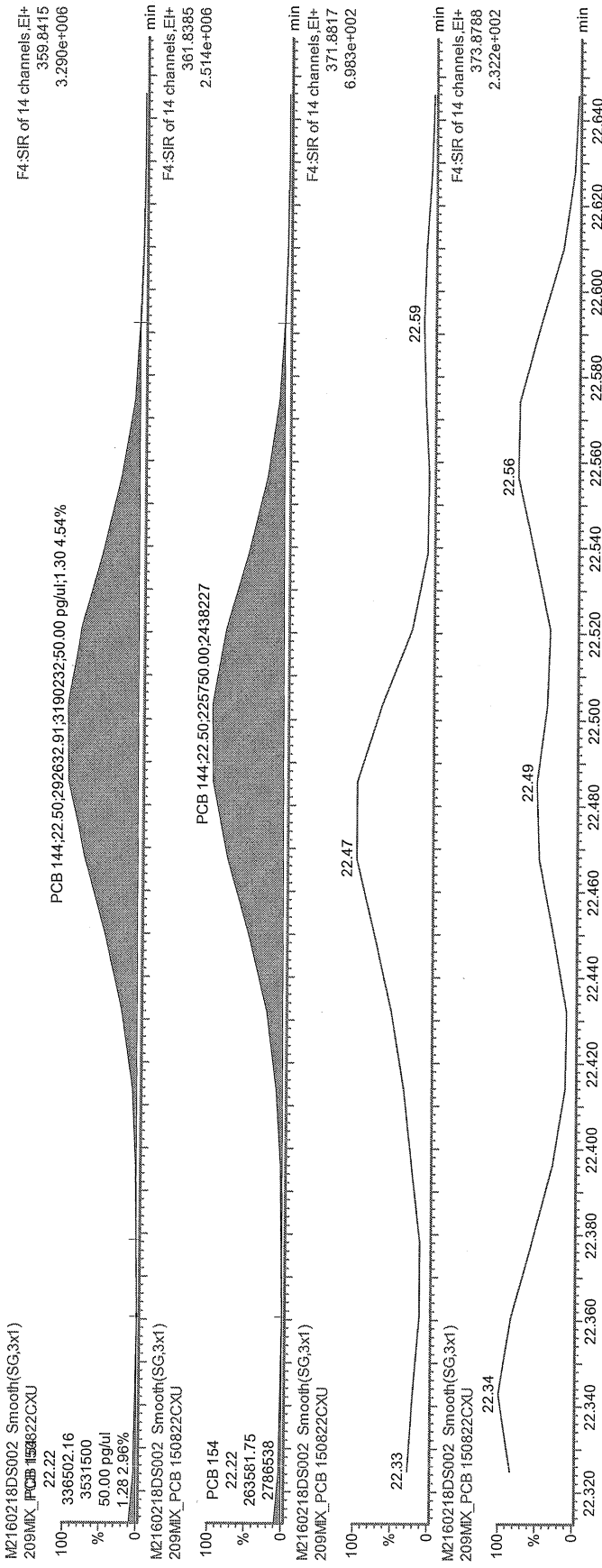
*de*



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2016-02-19

FEB 23 2016



F4:SIR of 14 channels,EI+  
 359.8415  
 3.290e+006

F4:SIR of 14 channels,EI+  
 361.8385  
 2.514e+006

F4:SIR of 14 channels,EI+  
 371.8817  
 6.983e+002

F4:SIR of 14 channels,EI+  
 373.8788  
 2.322e+002

*bef*

2016-02-19

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FEB 23 2016

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M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU  
 100 22.22  
 336502.16  
 3531500  
 50.00 pg/lul  
 1.28 2.96%

F4:SIR of 14 channels.EI+  
 359.8415  
 3.290e+006

PCB 144;22.50;308190.69;3264666;50.00 pg/ul;1.30 4.52%

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU  
 100 22.22  
 263581.75  
 2786538

F4:SIR of 14 channels.EI+  
 361.8385  
 2.514e+006

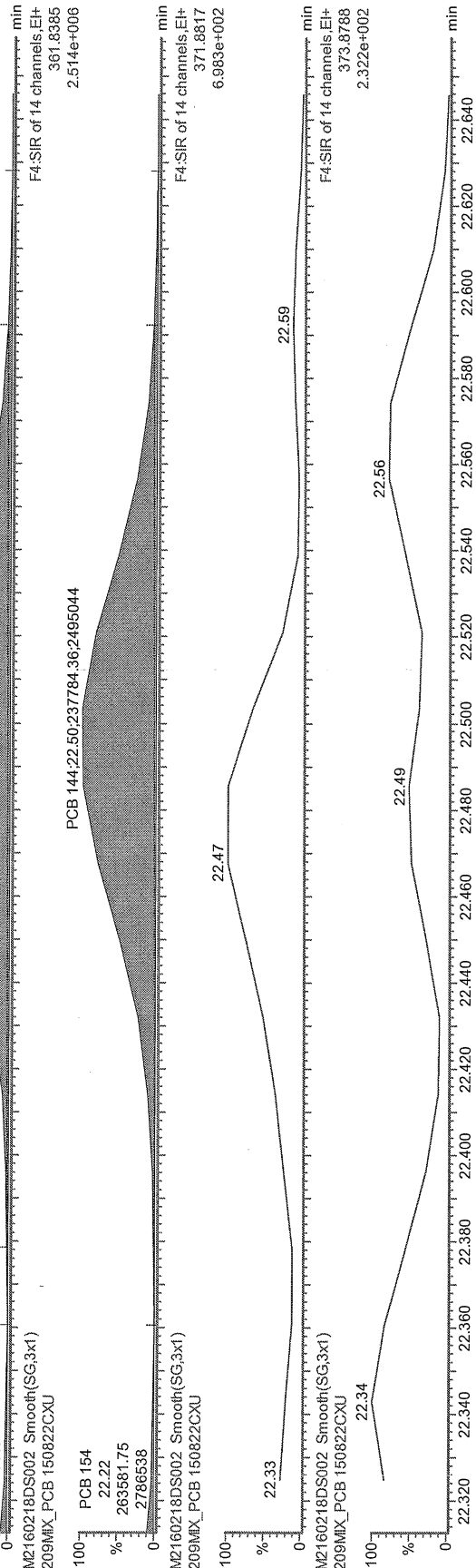
PCB 144;22.50;237784.36;2495044

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU  
 100 22.33  
 22.34

F4:SIR of 14 channels.EI+  
 371.8817  
 6.983e+002

M2160218DS002 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU  
 100 22.56  
 22.49

F4:SIR of 14 channels.EI+  
 373.8788  
 2.322e+002



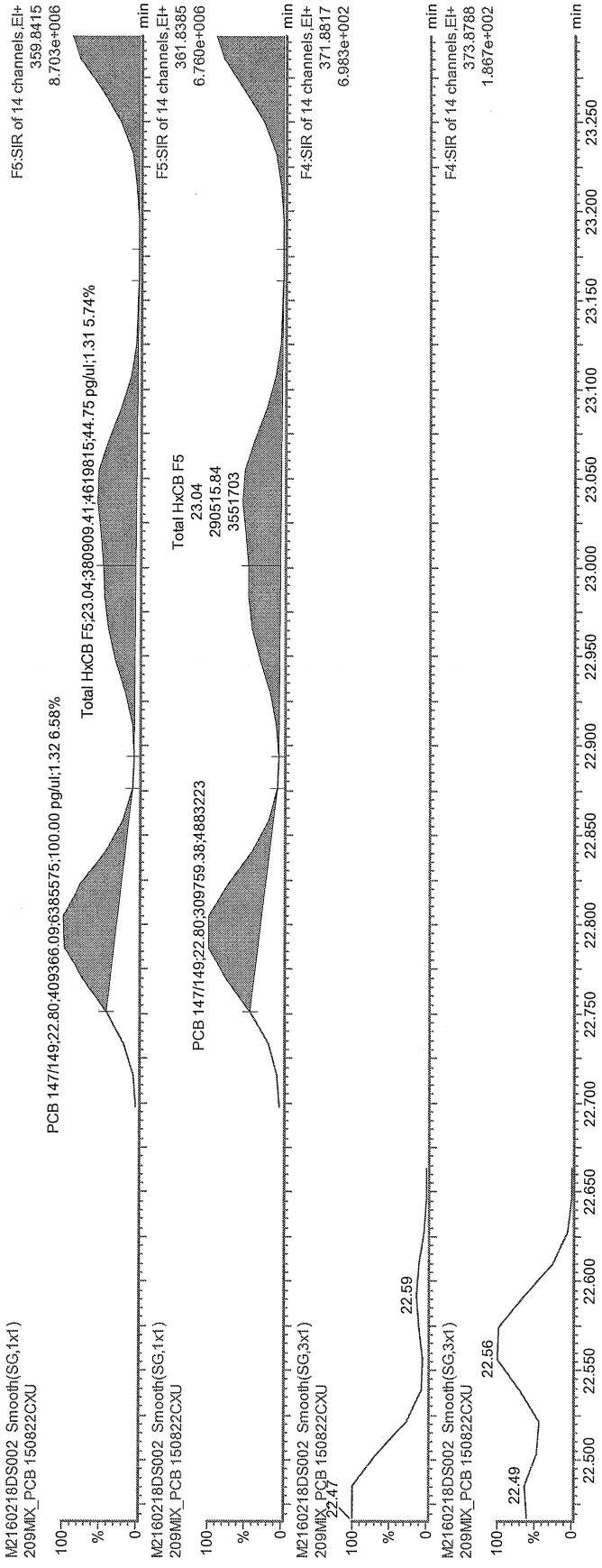
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2016-02-19

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FEB 23 2016

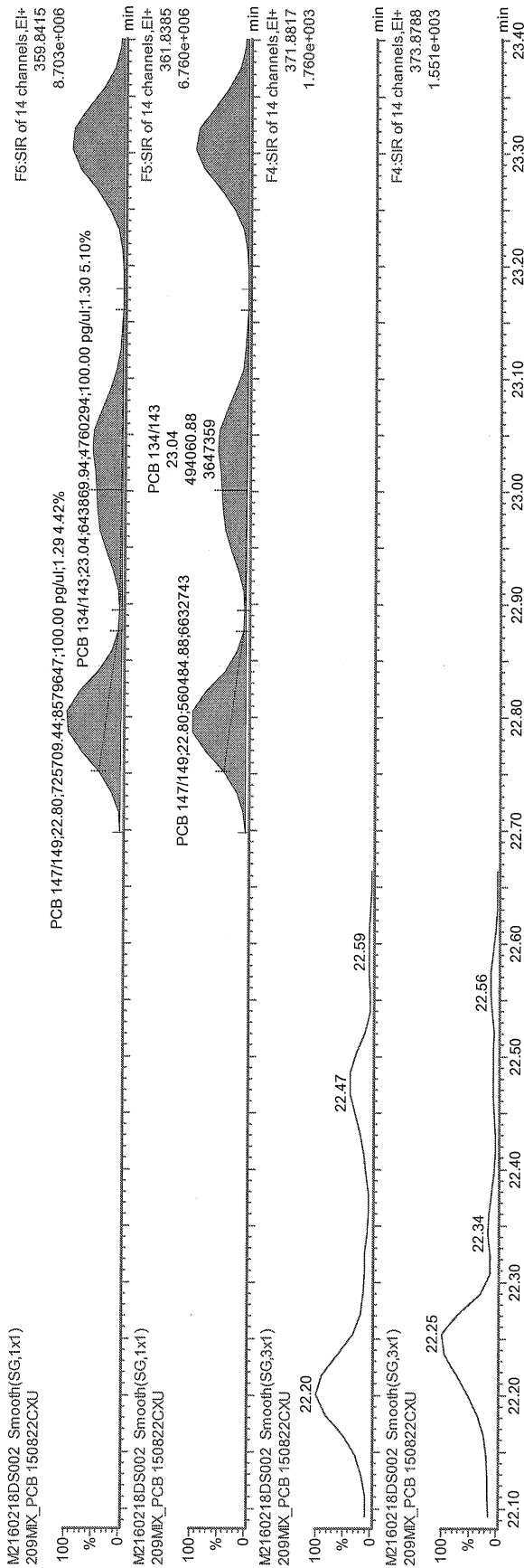
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*bef*  
 2016-02-19 *ca*

FEB 23 2016  
*ca*





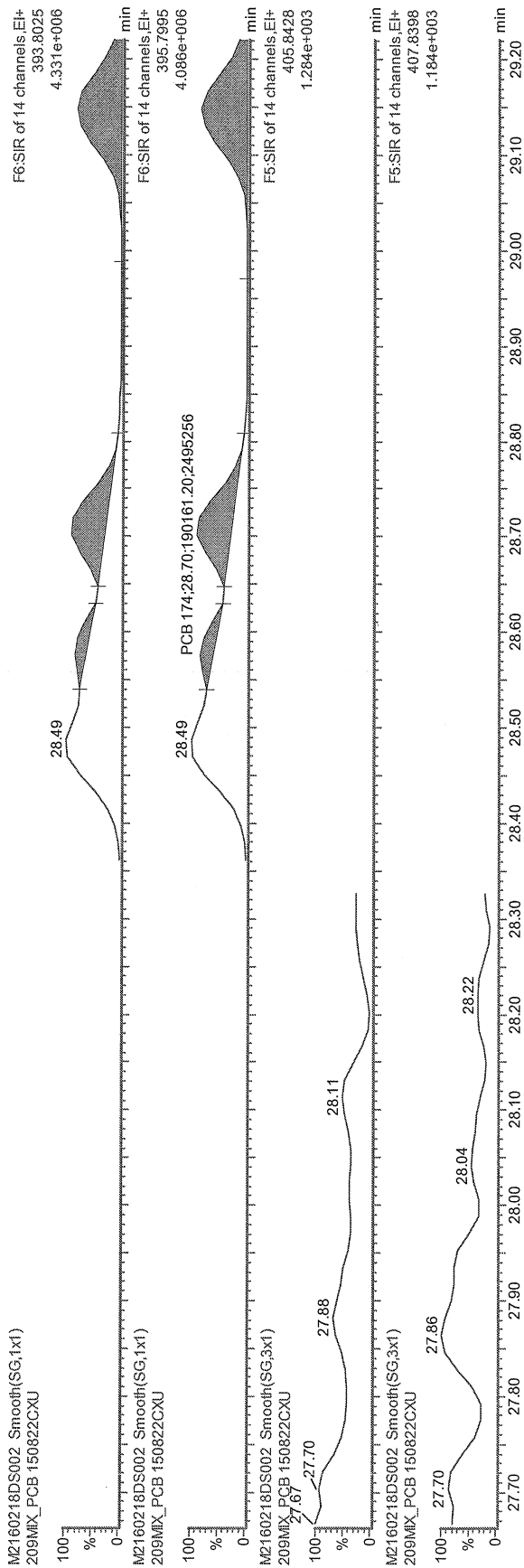
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2016-02-19

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FEB 23 2016

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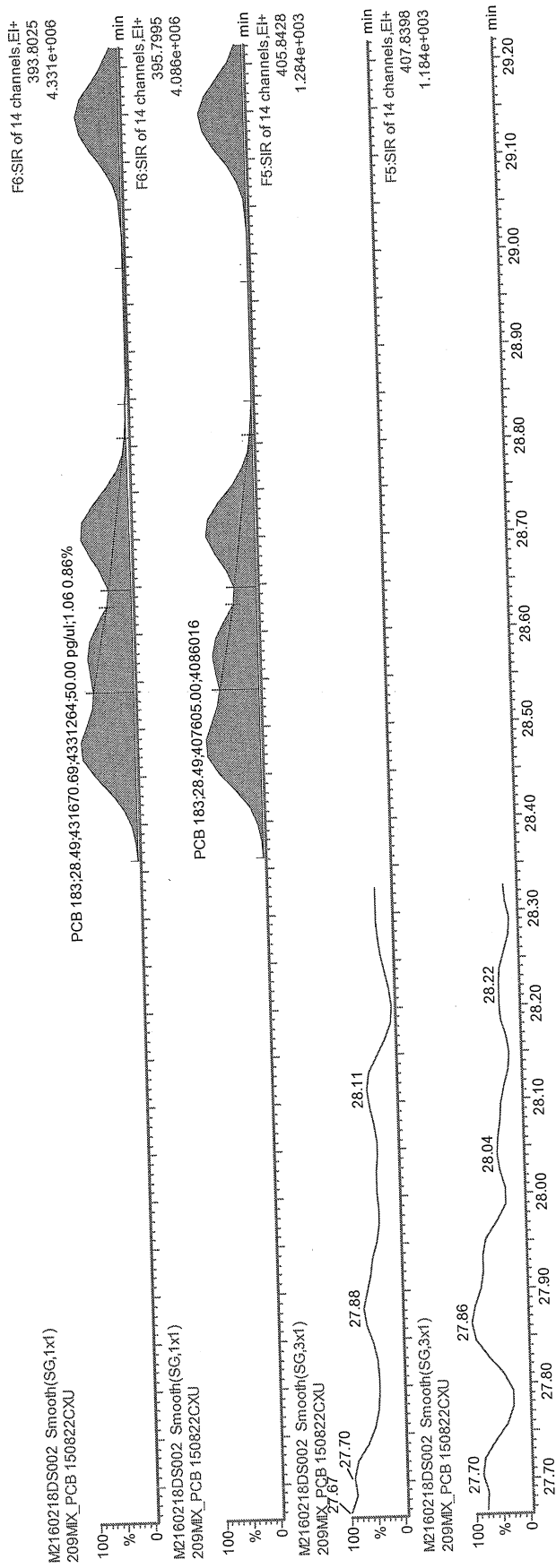
*hef*

2016-02-19

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FEB - FEB 23 2016

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 2016-02-19  
 [Signature]

FEB 23 2016  
 [Signature]

M2160218DS002

RUN#:	ANALYTE TABLE #	PCB NAME:	PCB RT:	RRT REF STD #:	STD RT:	RRT:
	1	1	8.99	165	8.99	1.000
	2	2	10.1	166	10.17	0.993
	3	3	10.19	166	10.17	1.002
	4	4	10.3	167	10.29	1.001
	5	10	10.37	167	10.29	1.008
	6	9	11.19	167	10.29	1.087
	7	7	11.27	167	10.29	1.095
	8	6	11.35	167	10.29	1.103
	9	5	11.5	167	10.29	1.118
	10	8	11.56	167	10.29	1.123
	11	14	12.25	168	12.92	0.948
	12	11	12.65	168	12.92	0.979
	13	13/12	12.8	168	12.92	0.991
	14	15	12.94	168	12.92	1.002
	15	19	11.69	169	11.67	1.002
	16	30/18	12.48	169	11.67	1.069
	17	17	12.69	169	11.67	1.087
	18	27	12.77	169	11.67	1.094
	19	24	12.86	169	11.67	1.102
	20	16	12.9	169	11.67	1.105
	21	32	13.13	169	11.67	1.125
	22	34	13.73	169	11.67	1.177
	23	23	13.82	169	11.67	1.184
	24	26/29	13.98	169	11.67	1.198
	25	25	14.09	170	16.67	0.845
	26	31	14.25	170	16.67	0.855
	27	28/20	14.42	170	16.67	0.865
	28	21/33	14.52	170	16.67	0.871
	29	22	14.76	170	16.67	0.885
	30	36	15.59	170	16.67	0.935
	31	39	15.81	170	16.67	0.948
	32	38	16.17	170	16.67	0.970
	33	35	16.44	170	16.67	0.986
	34	37	16.69	170	16.67	1.001
	35	54	13.07	171	13.05	1.002
	36	53/50	14.11	171	13.05	1.081
	37	45/51	14.49	171	13.05	1.110
	38	46	14.63	171	13.05	1.121
	39	52	15.37	171	13.05	1.178
	40	73	15.45	171	13.05	1.184
	41	43	15.52	171	13.05	1.189
	42	69/49	15.63	171	13.05	1.198
	43	48	15.83	171	13.05	1.213
	44	44/47/65	15.97	171	13.05	1.224
	45	59/62/75	16.15	171	13.05	1.238
	46	42	16.28	171	13.05	1.248
	47	40/41/71	16.57	171	13.05	1.270
	48	64	16.71	171	13.05	1.280
	49	72	17.19	172	21.4	0.803
	50	68	17.39	172	21.4	0.813
	51	57	17.67	172	21.4	0.826
	52	58	17.82	172	21.4	0.833
	53	67	17.94	172	21.4	0.838
	54	63	18.12	172	21.4	0.847
	55	61/70/74/76	18.33	172	21.4	0.857
	56	66	18.57	172	21.4	0.868
	57	55	18.69	172	21.4	0.873
	58	56	19.05	172	21.4	0.890
	59	60	19.21	172	21.4	0.898
	60	80	19.46	172	21.4	0.909
	61	79	20.61	172	21.4	0.963
	62	78	21.06	172	21.4	0.984
	63	81	21.42	172	21.4	1.001
	64	77	21.86	173	21.84	1.001
	65	104	15.93	174	15.92	1.001
	66	96	16.15	174	15.92	1.014
	67	103	17.32	174	15.92	1.088
	68	94	17.46	174	15.92	1.097
	69	95	17.75	174	15.92	1.115
	70	100/93/102/98	17.91	174	15.92	1.125
	71	88/91	18.32	174	15.92	1.151

16.02.19



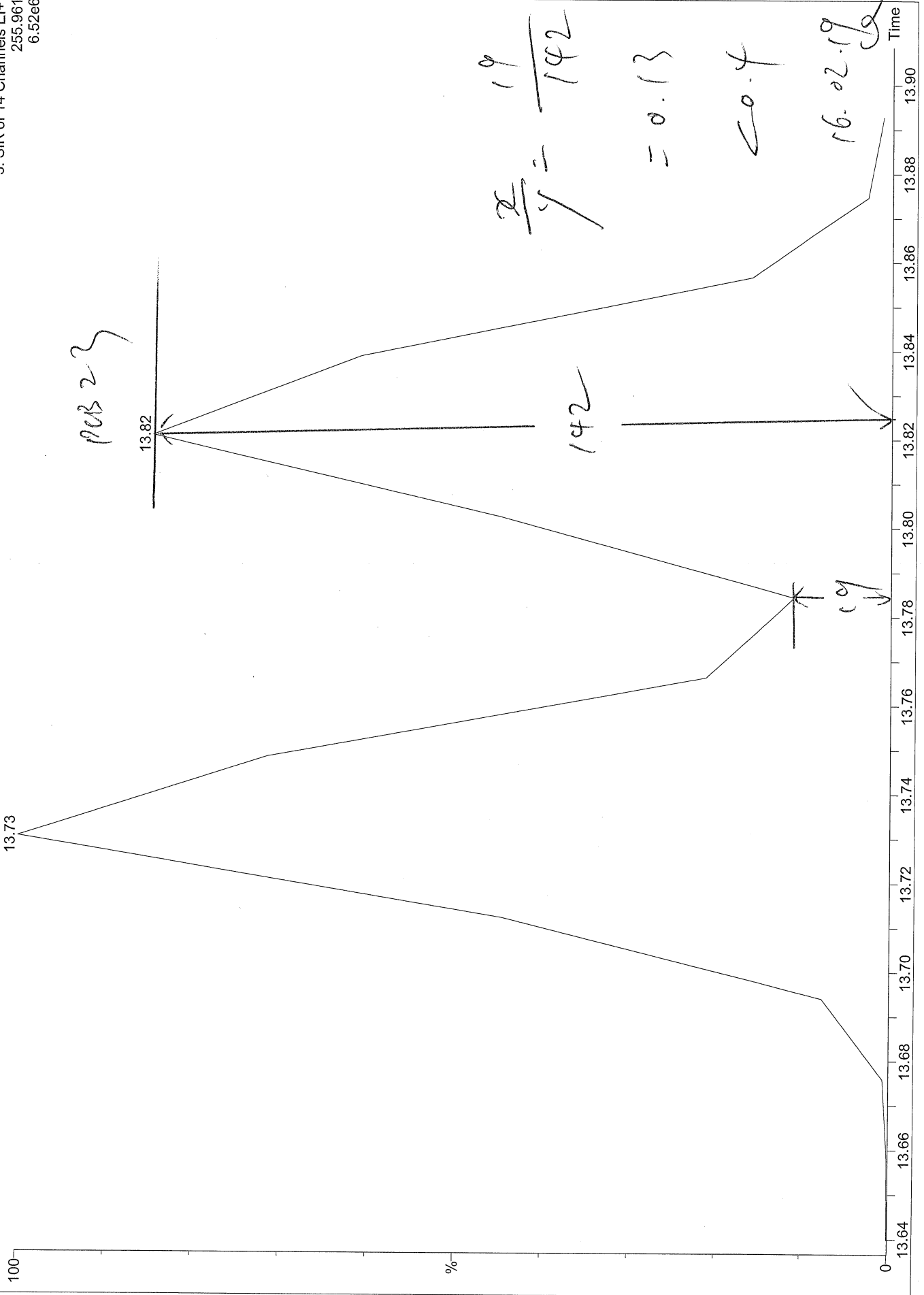
72	84	18.5	174	15.92	1.162
73	89	18.83	174	15.92	1.183
74	121	19.08	174	15.92	1.198
75	92	19.35	174	15.92	1.215
76	113/90/101	19.76	174	15.92	1.241
77	83/99	20.22	174	15.92	1.270
78	112	20.33	174	15.92	1.277
79	109/119/86/97/	20.61	174	15.92	1.295
80	117/116/85	21.2	174	15.92	1.332
81	110/115	21.31	174	15.92	1.339
82	82	21.58	174	15.92	1.356
83	111	21.84	174	15.92	1.372
84	120	22.24	174	15.92	1.397
85	108/124	23.2	175	23.48	0.988
86	107	23.41	175	23.48	0.997
87	123	23.5	175	23.48	1.001
88	106	23.62	175	23.48	1.006
89	118	23.78	176	23.77	1.000
90	122	24.09	176	23.77	1.013
91	114	24.27	177	24.25	1.001
92	105	24.84	178	24.82	1.001
93	127	26.17	179	27.69	0.945
94	126	27.7	179	27.69	1.000
95	155	19.62	180	19.6	1.001
96	152	19.78	180	19.6	1.009
97	150	19.9	180	19.6	1.015
98	136	20.17	180	19.6	1.029
99	145	20.4	180	19.6	1.041
100	148	21.54	180	19.6	1.099
101	151/135	22.04	180	19.6	1.124
102	154	22.22	180	19.6	1.134
103	144	22.5	180	19.6	1.148
104	147/149	22.8	180	19.6	1.163
105	134/143	23.04	180	19.6	1.176
106	139/140	23.3	180	19.6	1.189
107	131	23.48	180	19.6	1.198
108	142	23.64	180	19.6	1.206
109	132	23.87	180	19.6	1.218
110	133	24.3	180	19.6	1.240
111	165	24.66	181	29.49	0.836
112	146	24.87	181	29.49	0.843
113	161	25	181	29.49	0.848
114	153/168	25.44	181	29.49	0.863
115	141	25.62	181	29.49	0.869
116	130	25.99	181	29.49	0.881
117	137	26.21	181	29.49	0.889
118	164	26.3	181	29.49	0.892
119	138/163/129	26.6	181	29.49	0.902
120	160	26.76	181	29.49	0.907
121	158	26.97	181	29.49	0.915
122	128/166	27.79	181	29.49	0.942
123	159	28.75	181	29.49	0.975
124	162	29.04	181	29.49	0.985
125	167	29.52	181	29.49	1.001
126	156/157	30.69	182	30.67	1.001
127	169	34.09	183	34.07	1.001
128	188	24.23	184	24.19	1.002
129	179	24.53	184	24.19	1.014
130	184	25	184	24.19	1.033
131	176	25.32	184	24.19	1.047
132	186	25.74	184	24.19	1.064
133	178	27.01	184	24.19	1.117
134	175	27.61	184	24.19	1.141
135	187	27.88	184	24.19	1.153
136	182	28.08	184	24.19	1.161
137	183	28.49	185	32.08	0.888
138	185	28.58	185	32.08	0.891
139	174	28.7	185	32.08	0.895
140	177	29.15	185	32.08	0.909
141	181	29.56	185	32.08	0.921
142	171/173	29.77	185	32.08	0.928
143	172	31.44	185	32.08	0.980
144	192	31.74	185	32.08	0.989
145	193/180	32.08	185	32.08	1.000
146	191	32.5	185	32.08	1.013

147	170	33.44	186	33.41	1.001
148	190	34.02	186	33.41	1.018
149	189	36.85	187	36.83	1.001
150	202	29.26	188	29.24	1.001
151	201	30.19	188	29.24	1.032
152	204	30.89	188	29.24	1.056
153	197	31.12	188	29.24	1.064
154	200	31.23	188	29.24	1.068
155	198/199	34.16	188	29.24	1.188
156	196	34.89	189	39.72	0.878
157	203	35.13	189	39.72	0.884
158	195	36.58	189	39.72	0.921
159	194	39.19	189	39.72	0.987
160	205	39.74	189	39.72	1.001
161	208	36.3	190	36.28	1.001
162	207	37.33	190	36.28	1.029
163	206	41.71	191	41.69	1.000
164	209	43.55	192	43.53	1.000
165	1L	8.99	193	11.19	0.803
166	3L	10.17	193	11.19	0.909
167	4L	10.29	193	11.19	0.920
168	15L	12.92	193	11.19	1.155
169	19L	11.67	193	11.19	1.043
170	37L	16.67	194	15.36	1.085
171	54L	13.05	194	15.36	0.850
172	81L	21.4	194	15.36	1.393
173	77L	21.84	194	15.36	1.422
174	104L	15.92	195	19.76	0.806
175	123L	23.48	195	19.76	1.188
176	118L	23.77	195	19.76	1.203
177	114L	24.25	195	19.76	1.227
178	105L	24.82	195	19.76	1.256
179	126L	27.69	195	19.76	1.401
180	155L	19.6	196	26.56	0.738
181	167L	29.49	196	26.56	1.110
182	156/157L	30.67	196	26.56	1.155
183	169L	34.07	196	26.56	1.283
184	188L	24.19	196	26.56	0.911
185	180L	32.08	197	39.17	0.819
186	170L	33.41	197	39.17	0.853
187	189L	36.83	197	39.17	0.940
188	202L	29.24	197	39.17	0.746
189	205L	39.72	197	39.17	1.014
190	208L	36.28	197	39.17	0.926
191	206L	41.69	197	39.17	1.064
192	209L	43.53	197	39.17	1.111
193	9L	11.19			ABS
194	52L	15.36			ABS
195	101L	19.76			ABS
196	138L	26.56			ABS
197	194L	39.17			ABS
198	28L	14.4	194	15.36	0.938
199	111L	21.83	195	19.76	1.105
200	178L	26.97	196	26.56	1.015
201	31L	14.24	194	15.36	0.927
202	95L	17.73	195	19.76	0.897
203	153L	25.41	196	26.56	0.957

18-FEB-2016  
19:17:33  
3: SIR of 14 Channels EI+  
255.961  
6.52e6

PCB 34

209MIX\_PCB 150822CXU  
M2160218DS002



18-FEB-2016  
19:17:33  
5: SIR of 14 Channels EI+  
393.803  
3.21e6

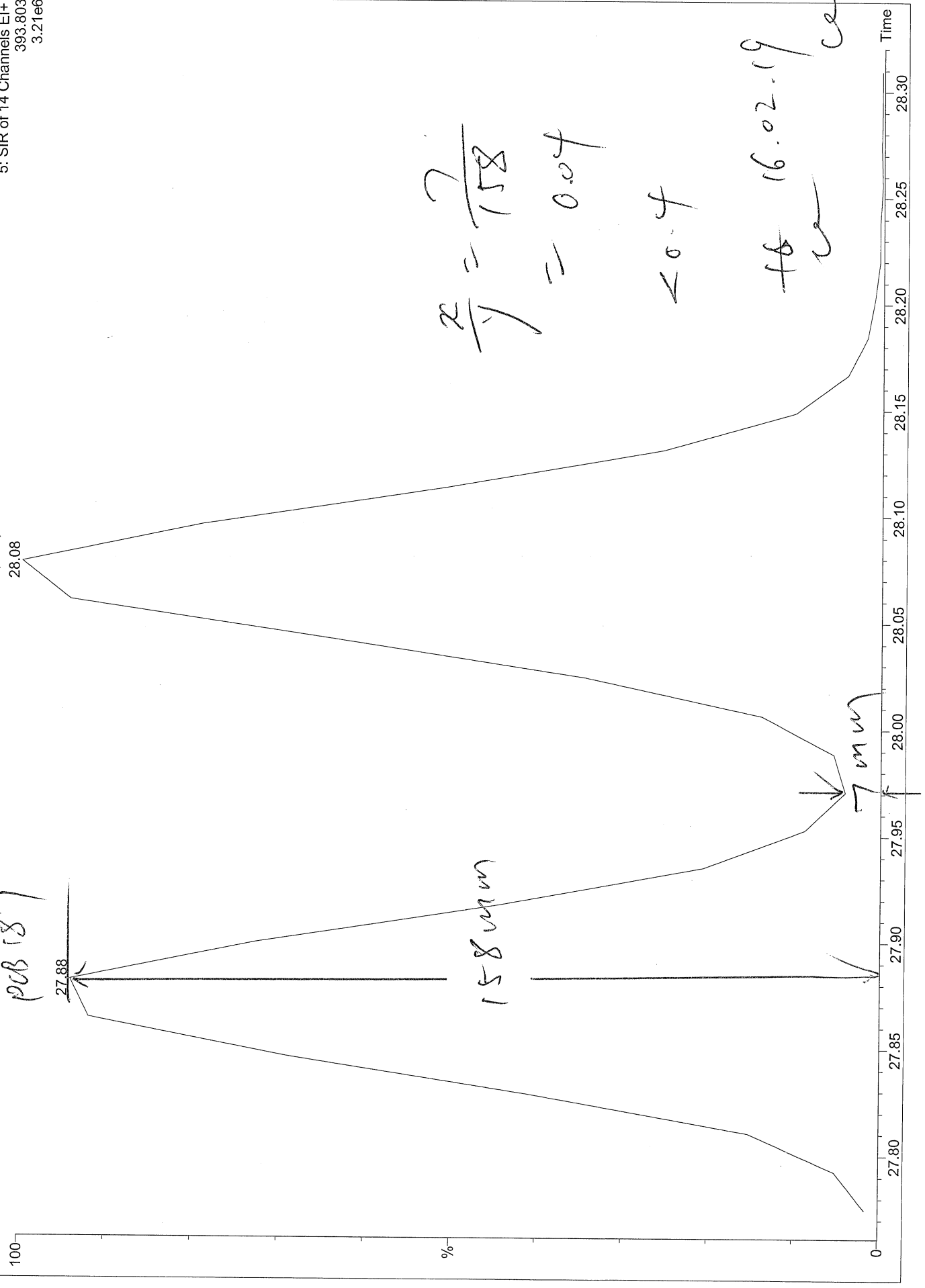
PCB 182  
28.08

PCB 187  
27.88

$$\frac{x}{y} = \frac{7}{158} = 0.04 < 0.4$$

16.02.19  
ce

209MIX\_PCB 150822CXU  
M2160218DS002





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 9:49:34 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: 18-FEB-2016

Time: 18:27:16

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	9.00	1.000	662521	209052	3.17	YES	bb	50.779	1.6	102	29	1.099
2	PCB 3	10.20	1.001	687222	218568	3.14	YES	bd	51.693	3.4	103	30	1.115
3	PCB 4	10.31	1.001	299592	189487	1.58	YES	bb	50.465	0.9	101	31	0.963
4	PCB 15	12.96	1.002	590359	378193	1.56	YES	dd	54.789	9.6	110	32	0.954
5	PCB 19	11.69	1.000	229911	224545	1.02	YES	bb	50.331	0.7	101	33	0.905
6	PCB 37	16.71	1.001	502263	496999	1.01	YES	bb	50.622	1.2	101	34	0.917
7	PCB 54	13.09	1.002	273482	356183	0.77	YES	bb	50.862	1.7	102	35	0.926
8	PCB 81	21.45	1.001	412060	540586	0.76	YES	bb	51.457	2.9	103	36	1.057
9	PCB 77	21.90	1.001	408104	533442	0.77	YES	bb	50.191	0.4	100	37	1.081
10	PCB 104	15.95	1.001	351565	218912	1.61	YES	bb	50.495	1.0	101	38	1.105
11	PCB 123	23.52	1.001	478348	308761	1.55	YES	bd	50.216	0.4	100	39	0.898
12	PCB 118	23.80	1.001	519336	330898	1.57	YES	db	50.595	1.2	101	40	0.993
13	PCB 114	24.28	1.001	496075	317943	1.56	YES	bb	50.292	0.6	101	41	1.016
14	PCB 105	24.85	1.001	495328	317572	1.56	YES	bb	50.097	0.2	100	42	0.978
15	PCB 126	27.72	1.001	506701	322958	1.57	YES	bd	51.128	2.3	102	43	0.999
16	PCB 155	19.64	1.001	320779	249271	1.29	YES	bb	52.009	4.0	104	44	1.037
17	PCB 167	29.54	1.001	488225	388966	1.26	YES	db	50.625	1.3	101	45	0.958
18	PCB 156/157	30.71	1.001	979338	779054	1.26	YES	bb	102.731	2.7	103	46	1.045
19	PCB 169	34.11	1.001	480625	380894	1.26	YES	bb	49.905	-0.2	100	47	0.953
20	PCB 188	24.25	1.001	289556	275387	1.05	YES	bb	50.793	1.6	102	48	1.028
21	PCB 193/180	32.14	1.001	288369	270968	1.06	YES	bb	49.926	-0.1	100	49	1.137
22	PCB 170	33.46	1.001	287536	269022	1.07	YES	bb	48.705	-2.6	97	50	1.238
23	PCB 189	36.88	1.001	430048	416278	1.03	YES	bb	49.721	-0.6	99	51	0.938
24	PCB 202	29.29	1.001	232407	260515	0.89	YES	bb	50.493	1.0	101	52	0.997
25	PCB 205	39.74	1.001	344435	379331	0.91	YES	bb	49.031	-1.9	98	53	1.069
26	PCB 208	36.33	1.001	203610	259511	0.78	YES	bb	49.154	-1.7	98	54	1.006
27	PCB 206	41.74	1.001	147855	195589	0.76	YES	bb	48.468	-3.1	97	55	0.995
28	PCB 209	43.57	1.001	185212	149609	1.24	YES	bb	46.529	-6.9	93	56	0.968
29	PCB 1L	9.00	0.805	1214339	372198	3.26	YES	bb	112.241	12.2	112	63	0.925
30	PCB 3L	10.19	0.911	1241192	383276	3.24	YES	bb	111.072	11.1	111	63	0.947
31	PCB 4L	10.30	0.921	620446	395488	1.57	YES	bb	109.113	9.1	109	63	0.592
32	PCB 15L	12.94	1.157	1246512	784222	1.59	YES	bb	110.161	10.2	110	63	1.184
33	PCB 19L	11.69	1.045	513404	491347	1.04	YES	bb	101.267	1.3	101	63	0.586
34	PCB 37L	16.69	1.086	1114720	1065231	1.05	YES	bb	110.290	10.3	110	64	2.191
35	PCB 54L	13.07	0.850	603557	756033	0.80	YES	bb	105.330	5.3	105	64	1.366
36	PCB 81L	21.44	1.394	803942	998795	0.80	YES	bb	104.257	4.3	104	64	1.812
37	PCB 77L	21.88	1.423	768120	973282	0.79	YES	bb	104.361	4.4	104	64	1.750
38	PCB 104L	15.93	0.806	633397	398966	1.59	YES	bb	97.252	-2.7	97	65	1.124
39	PCB 123L	23.50	1.188	1082875	669510	1.62	YES	bd	98.550	-1.4	99	65	1.908
40	PCB 118L	23.79	1.203	1051763	660404	1.59	YES	db	97.807	-2.2	98	65	1.864
41	PCB 114L	24.27	1.227	987781	614343	1.61	YES	bb	98.385	-1.6	98	65	1.744
42	PCB 105L	24.84	1.256	1020877	640788	1.59	YES	bb	99.265	-0.7	99	65	1.809
43	PCB 126L	27.70	1.401	1021764	639812	1.60	YES	bb	104.232	4.2	104	65	1.809
44	PCB 155L	19.62	0.738	616039	483763	1.27	YES	bb	87.088	-12.9	87	66	1.222

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 9:49:34 AM Eastern Standard Time

ID:

Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

Description: CS3\_PCB 150417CXU

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45	PCB 167L	29.53	1.111	1020758	811141	1.26	YES	bb	96.497	-3.5	96	66	2.036
46	PCB 156L/157L	30.69	1.154	1877862	1487963	1.26	YES	bb	194.736	-2.6	97	66	1.870
47	PCB 169L	34.09	1.282	1002372	806358	1.24	YES	bb	106.570	6.6	107	66	2.010
48	PCB 188L	24.23	0.912	565819	533323	1.06	YES	bb	91.889	-8.1	92	66	1.222
49	PCB 180L	32.12	0.820	506568	477165	1.06	YES	bb	81.630	-18.4	82	67	1.101
50	PCB 170L	33.43	0.853	465715	433383	1.07	YES	bb	85.255	-14.7	85	67	1.006
51	PCB 189L	36.85	0.940	924352	879283	1.05	YES	bb	93.559	-6.4	94	67	2.018
52	PCB 202L	29.26	0.747	473856	514647	0.92	YES	bb	77.930	-22.1	78	67	1.106
53	PCB 205L	39.72	1.013	651606	701944	0.93	YES	bb	98.914	-1.1	99	67	1.515
54	PCB 208L	36.30	0.926	405912	514670	0.79	YES	bb	90.411	-9.6	90	67	1.030
55	PCB 206L	41.71	1.064	305164	385073	0.79	YES	bb	101.692	1.7	102	67	0.772
56	PCB 209L	43.55	1.111	380435	311561	1.22	YES	bb	106.910	6.9	107	67	0.774
57	PCB 28L	14.42	0.938	1180719	1141448	1.03	YES	db	114.447	14.4	114	64	2.334
58	PCB 111L	21.85	1.104	778158	483981	1.61	YES	bb	102.309	2.3	102	65	1.374
59	PCB 178L	27.01	1.016	357335	335004	1.07	YES	bb	104.984	5.0	105	66	0.769
60	PCB 31L	14.25	0.927	1132381	1076189	1.05	YES	bd	114.754	14.8	115	64	2.220
61	PCB 95L	17.75	0.897	520551	328587	1.58	YES	bb	97.702	-2.3	98	65	0.924
62	PCB 153L	25.42	0.956	594169	462366	1.29	YES	bb	95.844	-4.2	96	66	1.174
63	PCB 9L	11.19	0.000	1051831	664038	1.58	YES	bb	91.484	-8.5	91	0	17158...
64	PCB 52L	15.37	0.000	439979	554995	0.79	YES	bb	100.954	1.0	101	0	9949....
65	PCB 101L	19.78	0.000	566492	352061	1.61	YES	bb	103.416	3.4	103	0	9185....
66	PCB 138L	26.58	0.000	509933	389855	1.31	YES	bb	111.462	11.5	111	0	8997....
67	PCB 194L	39.19	0.000	428360	465271	0.92	YES	bb	136.826	36.8	137	0	8936....
68	Total MoCB F1								102.473			29	
69	Total MoCB labeled ...								223.312			63	
70	Total DiCB F1								50.465			31	
71	Total DiCB labeled F1								109.113			63	
72	Total DiCB F2								54.789			32	
73	Total DiCB labeled F2								201.646			63	
74	Total TriCB F2								50.331			33	
75	Total TriCB labeled F2								101.267			63	
76	Total TriCB F3								50.622			34	
77	Total TriCB labeled F3								339.491			64	
78	Total TeCB F2								50.862			35	
79	Total TeCB labeled F2								105.330			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								100.954			64	
82	Total TeCB F4								101.648			36	
83	Total TeCB labeled F4								208.618			64	
84	Total PeCB F3								50.495			38	
85	Total PeCB labeled F3								97.252			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								303.428			65	
88	Total PeCB F5								252.328			39	
89	Total PeCB labeled F5								498.239			65	
90	Total HxCB F4								52.009			44	
91	Total HxCB labeled F4								87.088			66	
92	Total HxCB F5											45	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 9:49:34 AM Eastern Standard Time

**ID:**

**Date: 18-FEB-2016**

**Time: 18:27:16**

**Instrument: Autospec-UltimaE**

**Description: CS3\_PCB 150417CXU**

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRE
93	Total HxCB labeled F5								207.306			66	
94	Total HxCB F6								203.261			45	
95	Total HxCB labeled F6								397.803			66	
96	Total HpCB F5								50.793			48	
97	Total HpCB labeled ...								196.873			67	
98	Total HpCB F6								98.631			49	
99	Total HpCB labeled ...								166.886			67	
100	Total HpCB F7								49.721			51	
101	Total HpCB labeled ...								93.559			67	
102	Total OcCB F6								50.493			52	
103	Total OcCB labeled ...								77.930			67	
104	Total OcCB F7								49.031			53	
105	Total OcCB labeled ...								235.740			67	
106	Total NoCB F7								97.622			54	
107	Total NoCB labeled ...								192.103			67	
108	Total DeCB F7								46.529			56	
109	Total DeCB labeled ...								106.910			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\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM 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

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

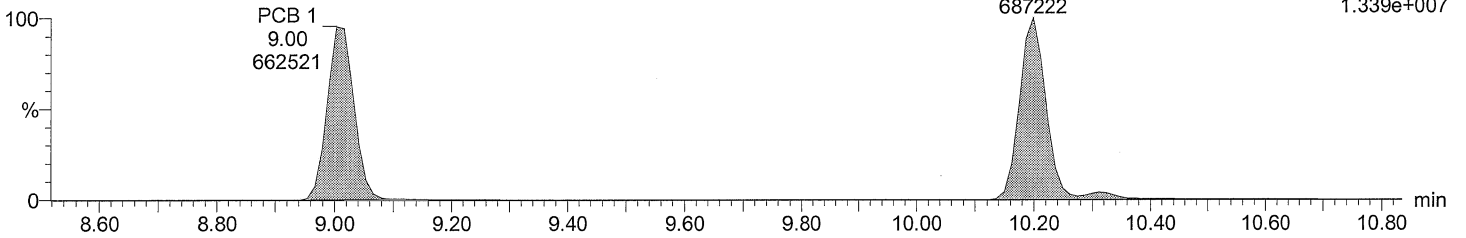
Time: 18:27:16

Instrument: Autospec-UltimaE

Total MoCB F1

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

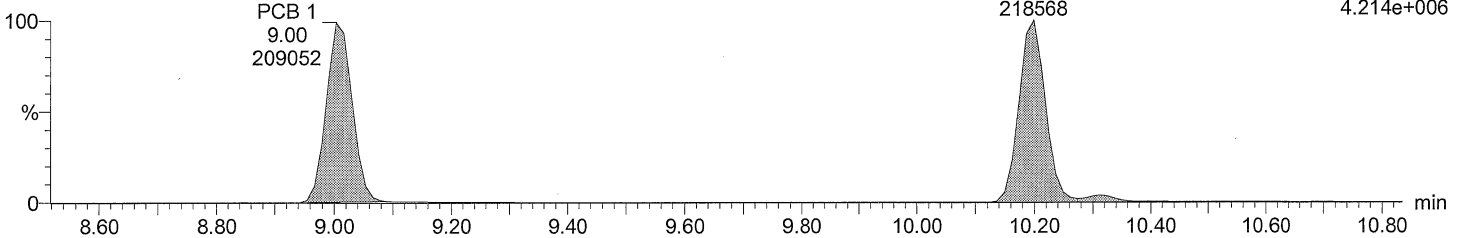
PCB 3  
10.20  
687222  
F1:SIR of 10 channels,EI+  
188.0393  
1.339e+007



Total MoCB F1

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

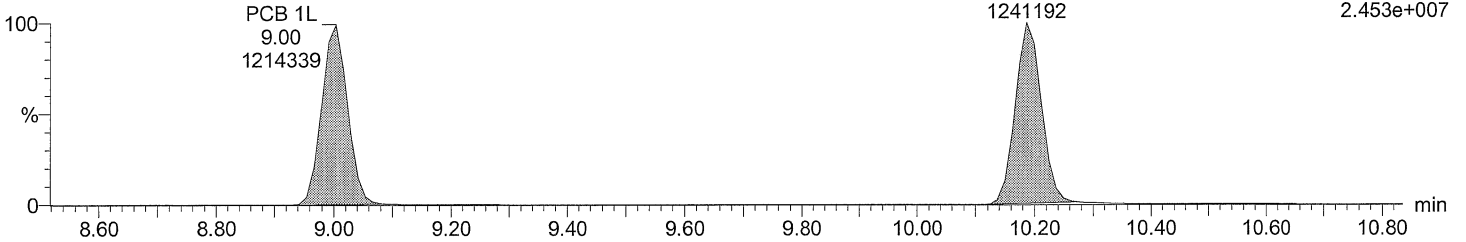
PCB 3  
10.20  
218568  
F1:SIR of 10 channels,EI+  
190.0363  
4.214e+006



Total MoCB labeled F1

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

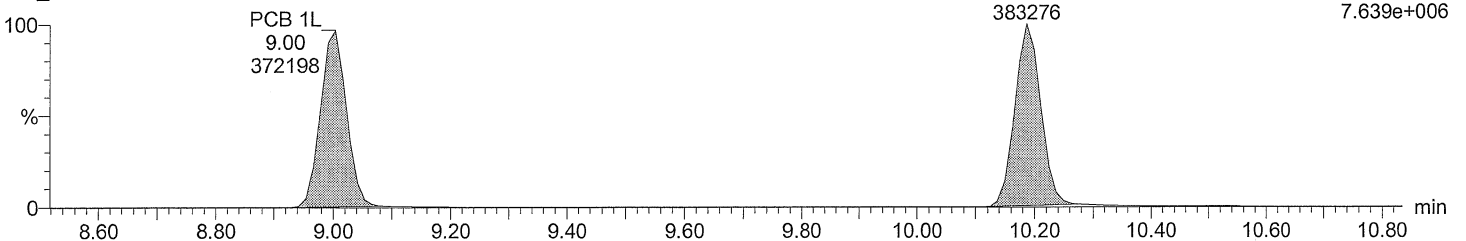
PCB 3L  
10.19  
1241192  
F1:SIR of 10 channels,EI+  
200.0795  
2.453e+007



Total MoCB labeled F1

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 3L  
10.19  
383276  
F1:SIR of 10 channels,EI+  
202.076  
7.639e+006



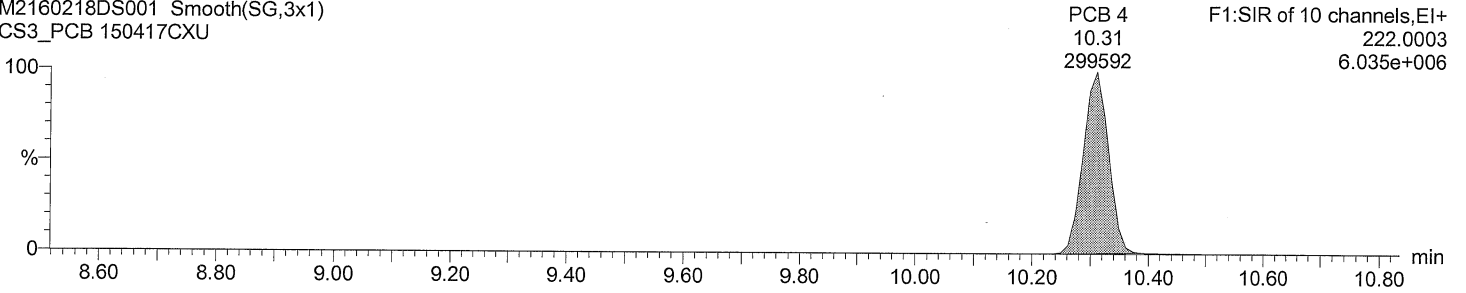
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Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

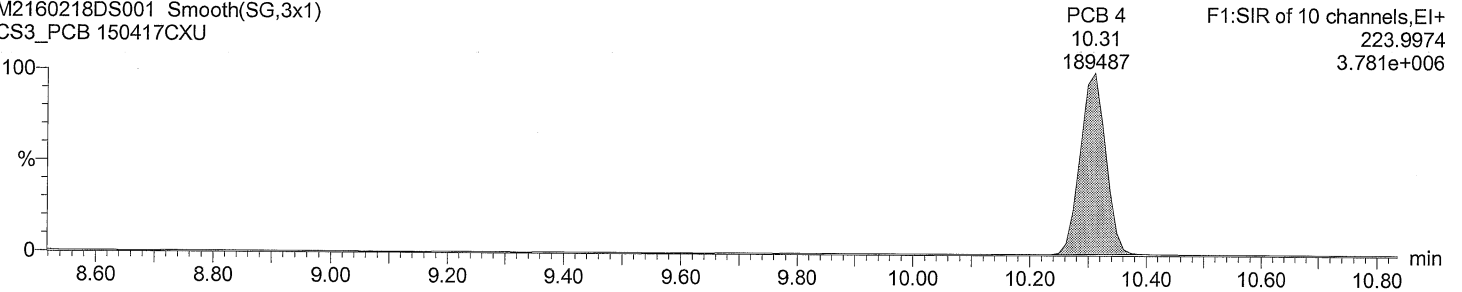
**Total DiCB F1**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



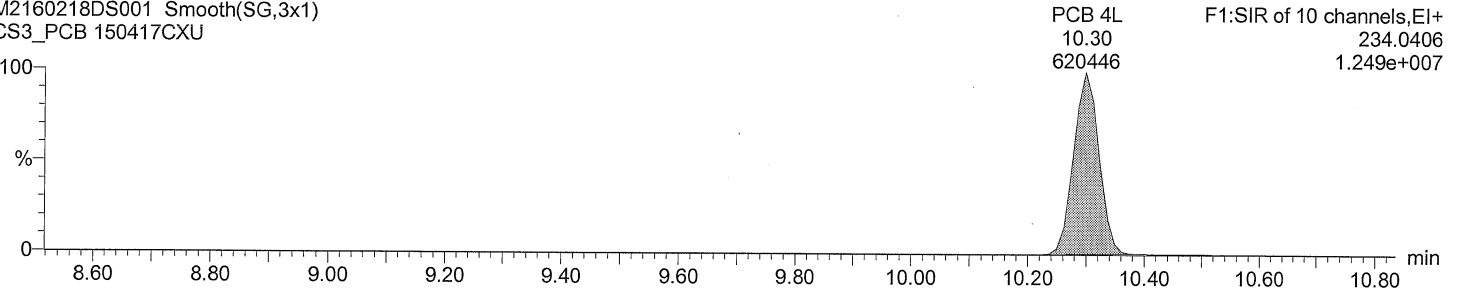
**Total DiCB F1**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



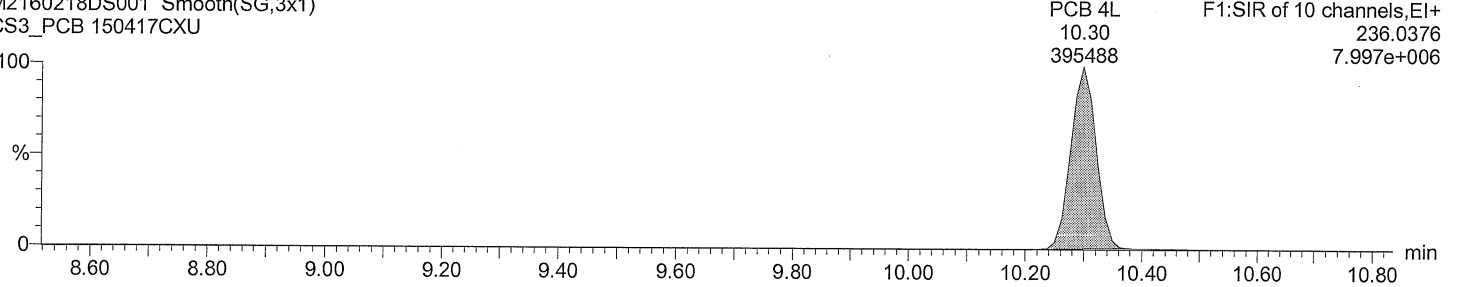
**Total DiCB labeled F1**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total DiCB labeled F1**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

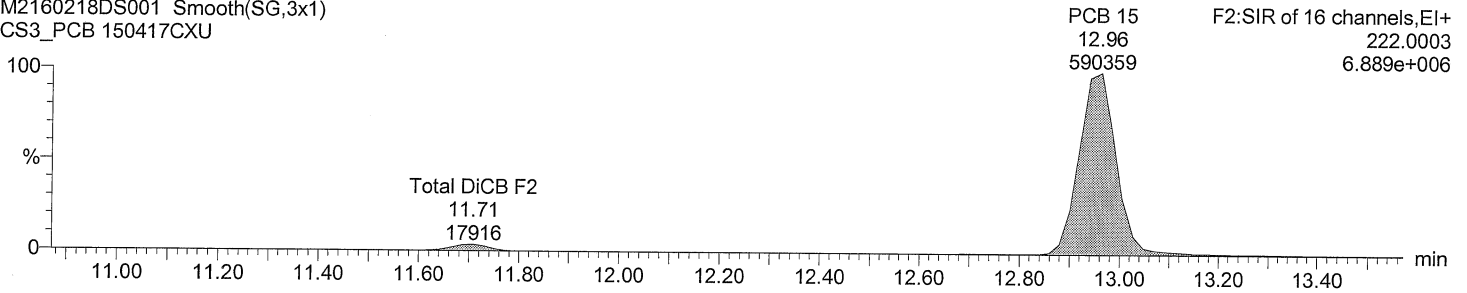
Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

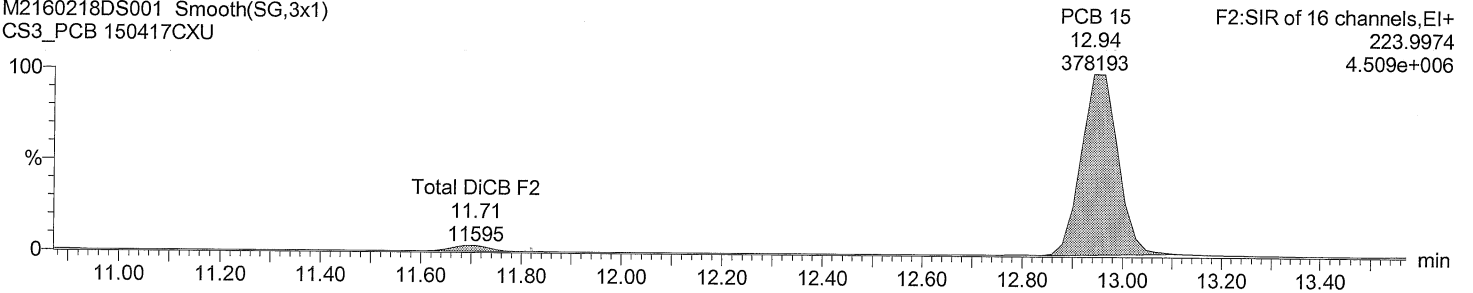
Total DiCB F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



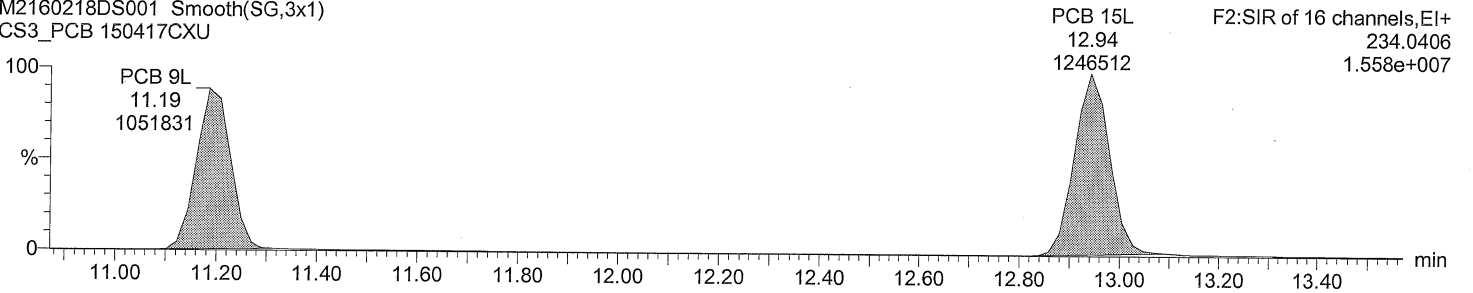
Total DiCB F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



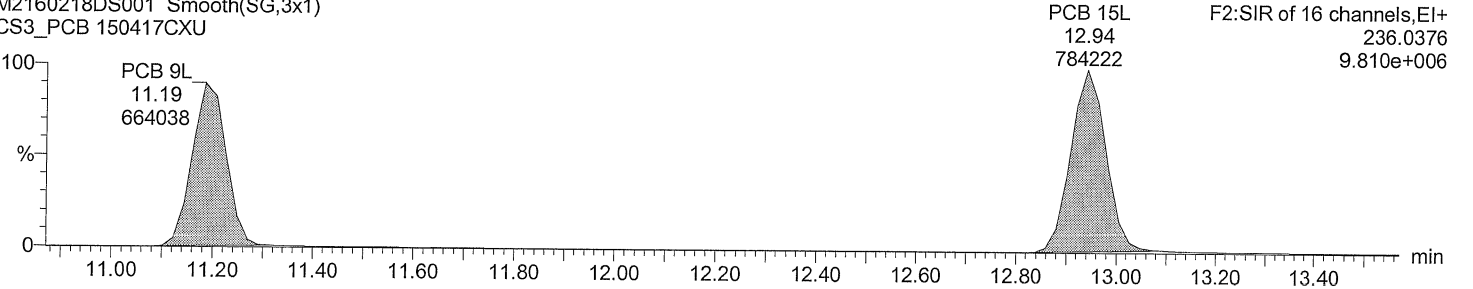
Total DiCB labeled F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total DiCB labeled F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

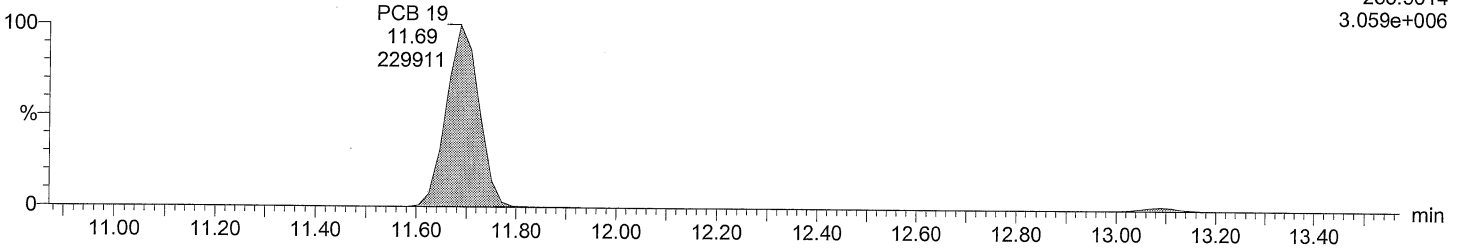
Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

**Total TriCB F2**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

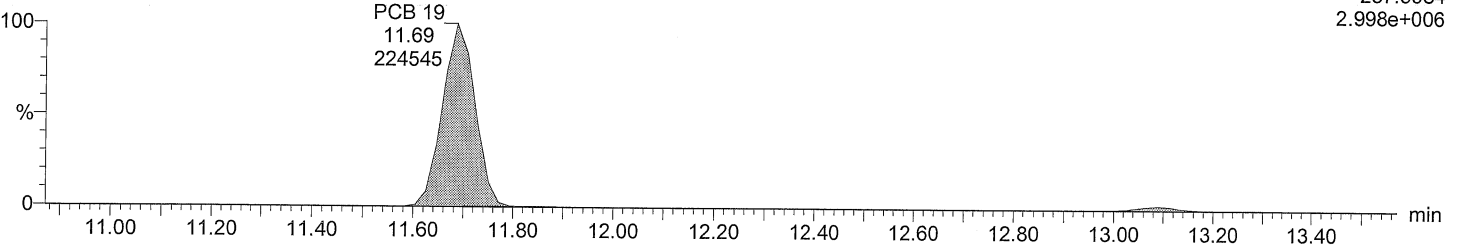
F2:SIR of 16 channels,EI+  
255.9614  
3.059e+006



**Total TriCB F2**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

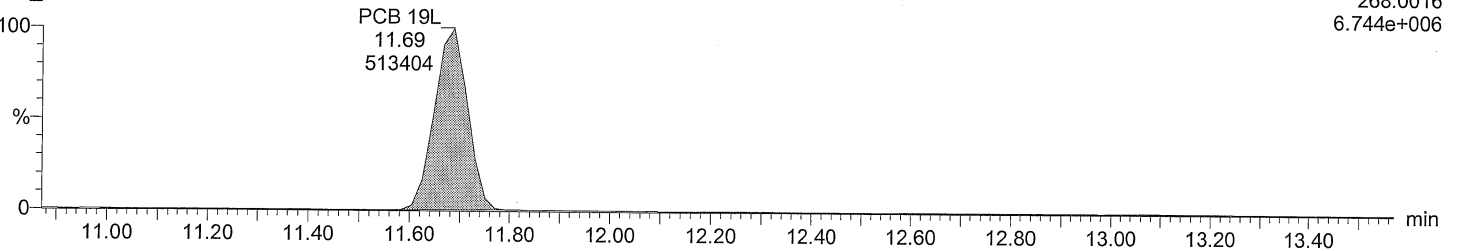
F2:SIR of 16 channels,EI+  
257.9584  
2.998e+006



**Total TriCB labeled F2**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

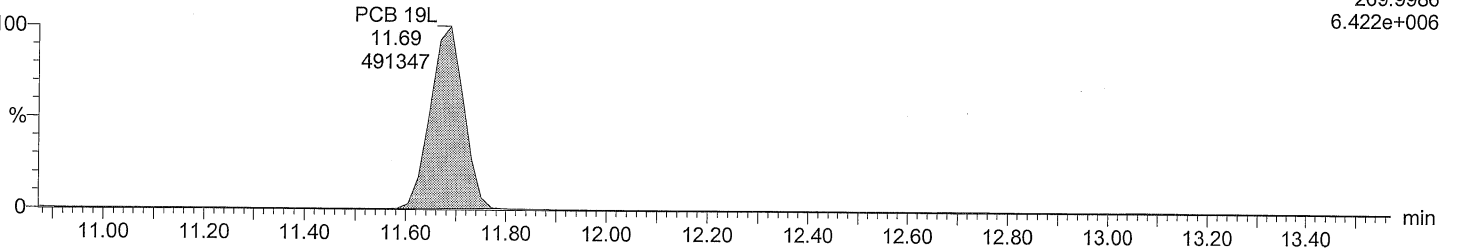
F2:SIR of 16 channels,EI+  
268.0016  
6.744e+006



**Total TriCB labeled F2**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F2:SIR of 16 channels,EI+  
269.9986  
6.422e+006



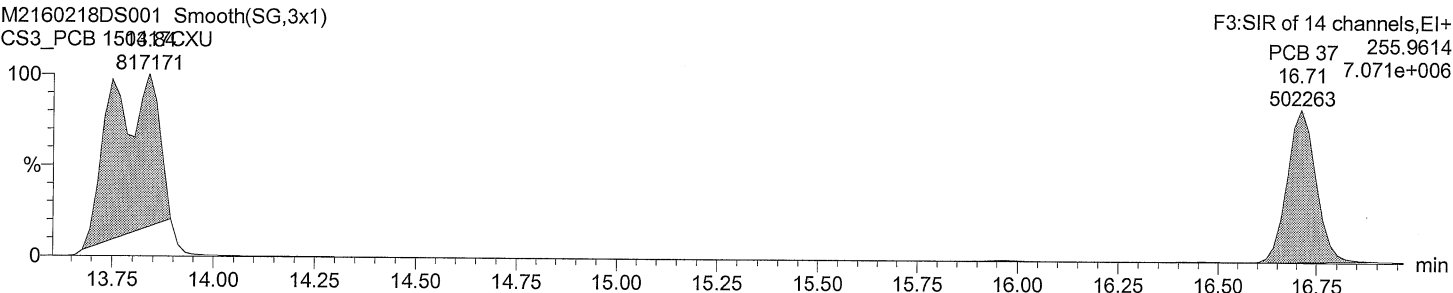
Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

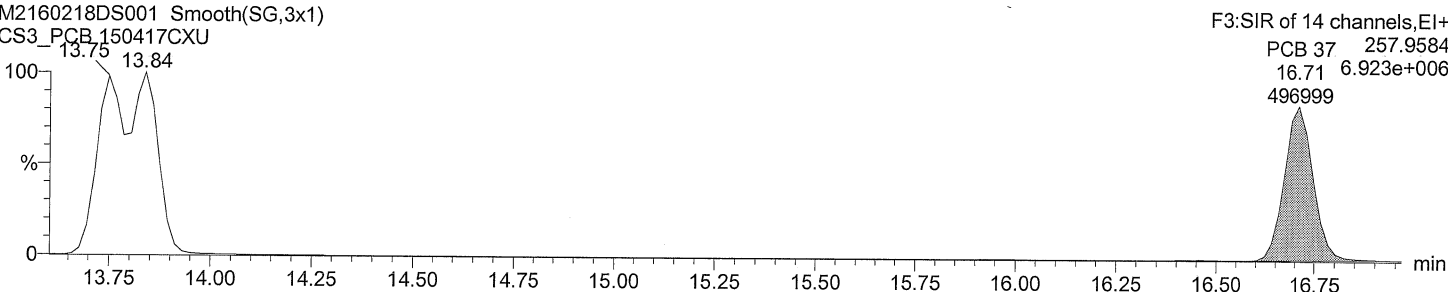
Total TriCB F3

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



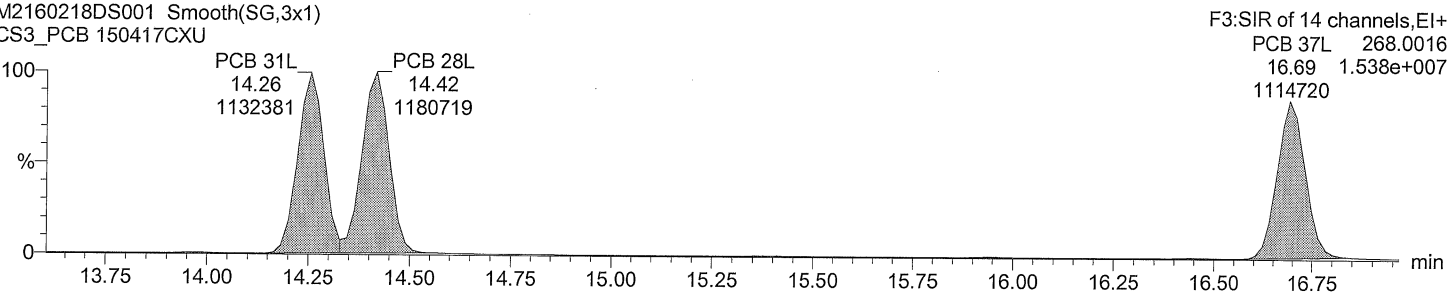
Total TriCB F3

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



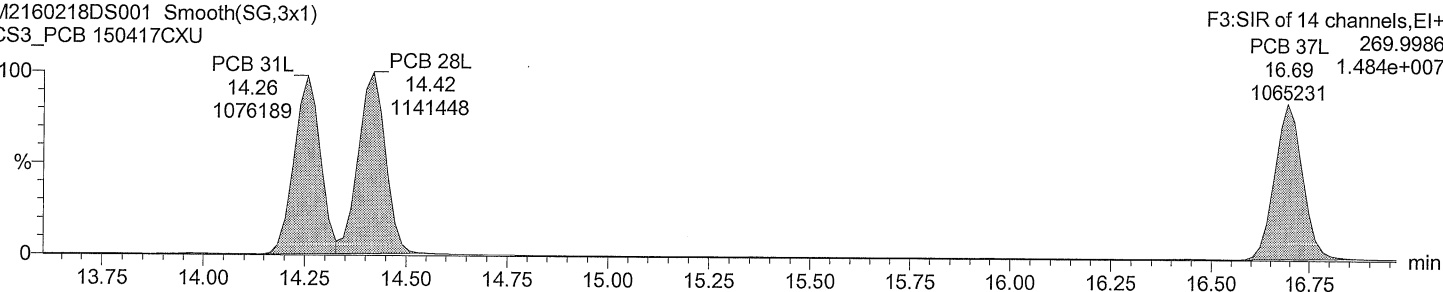
Total TriCB labeled F3

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TriCB labeled F3

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

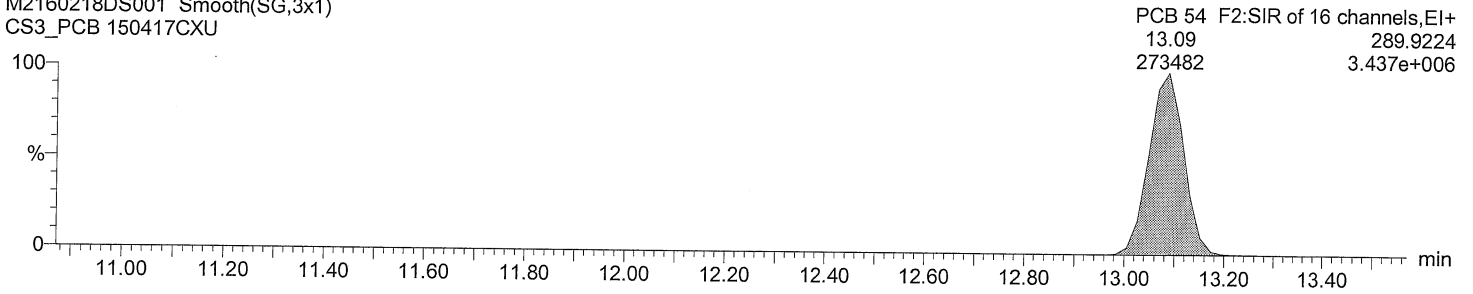
Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

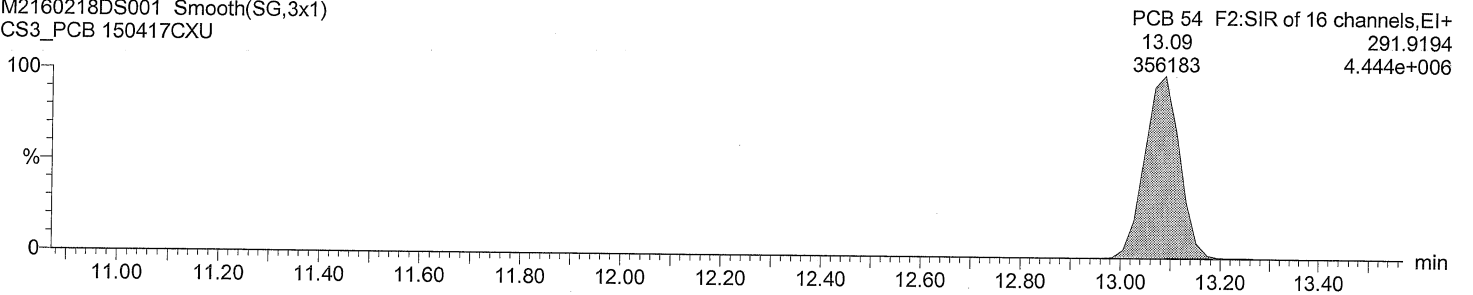
Total TeCB F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



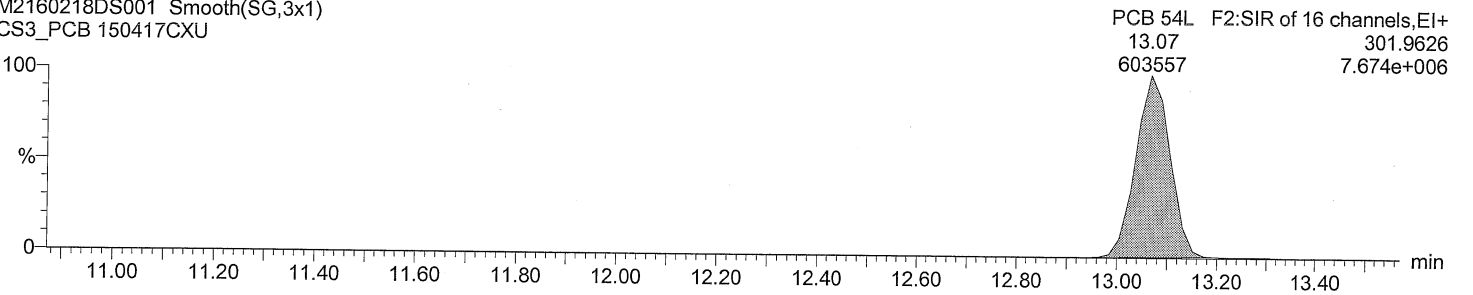
Total TeCB F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



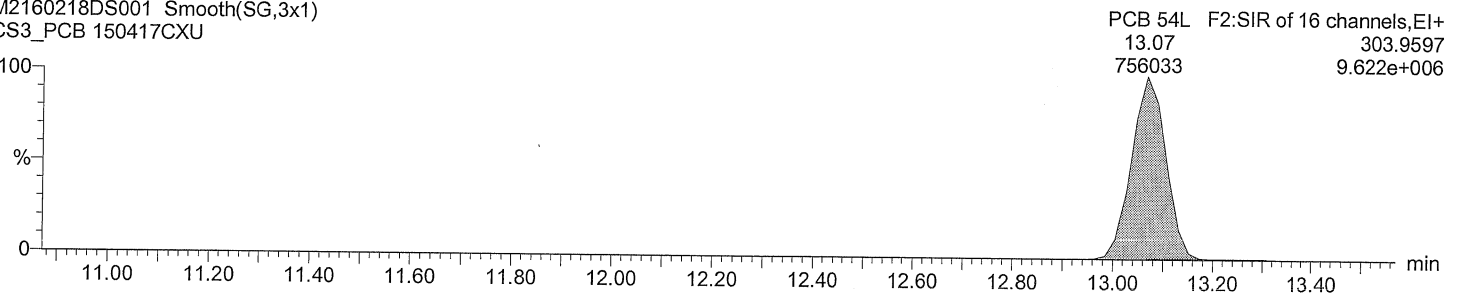
Total TeCB labeled F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TeCB labeled F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



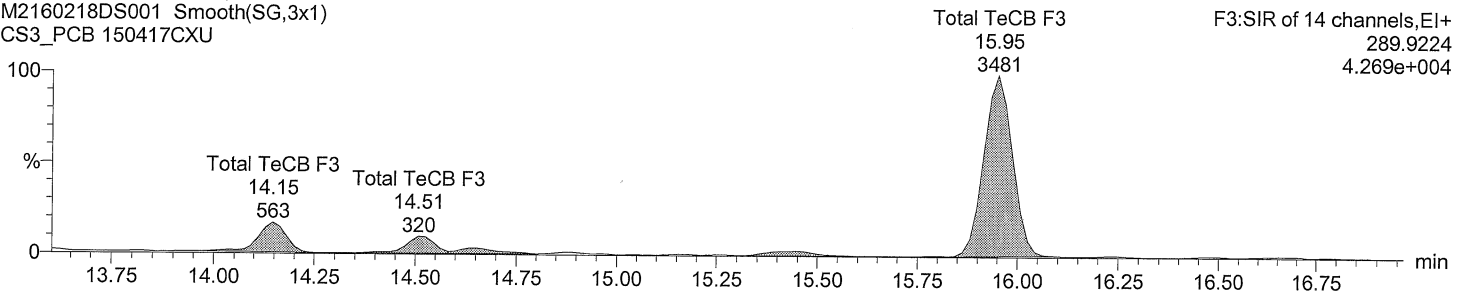
Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

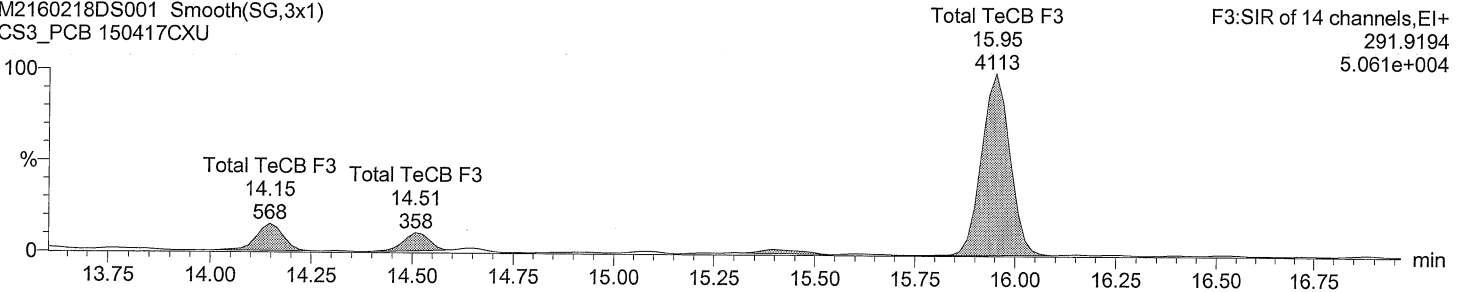
**Total TeCB F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



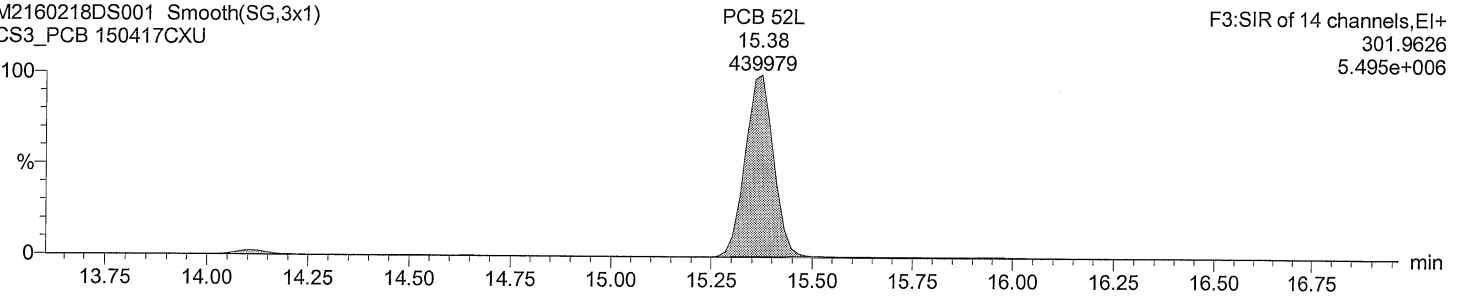
**Total TeCB F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



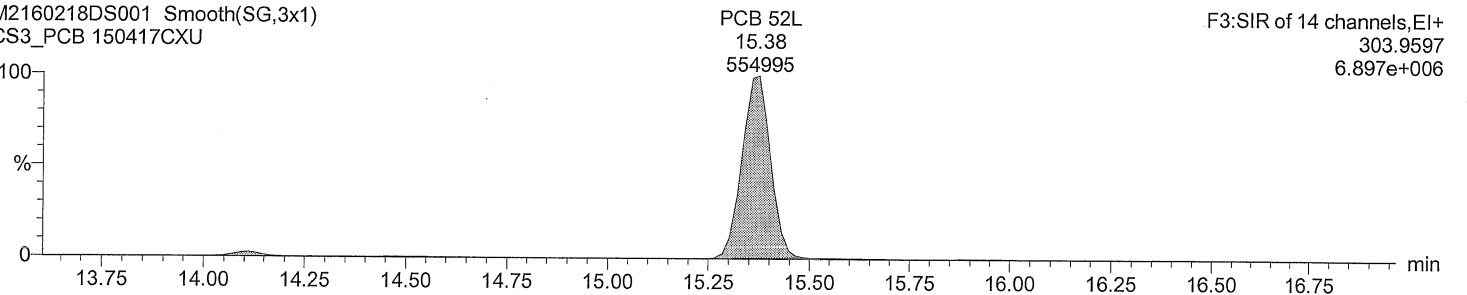
**Total TeCB labeled F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total TeCB labeled F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

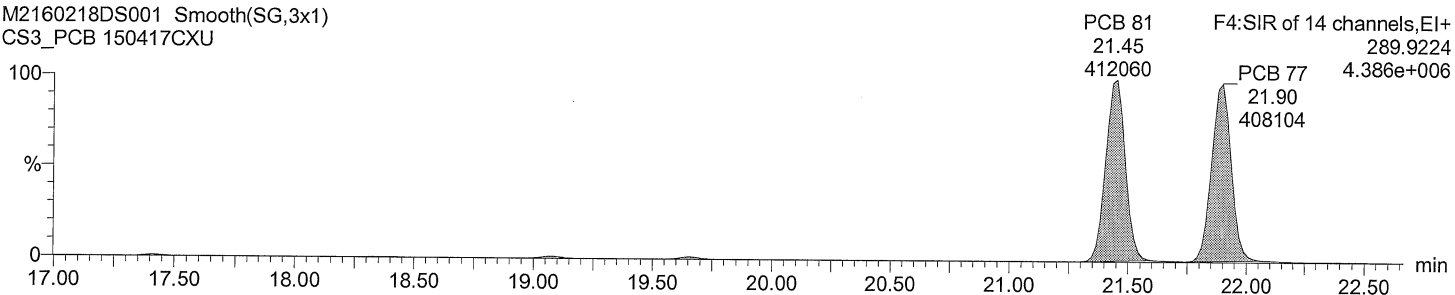
Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

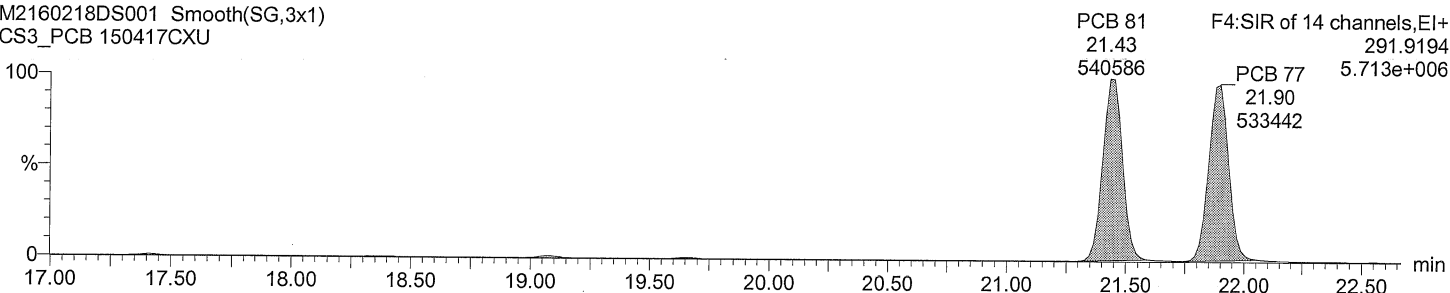
Total TeCB F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



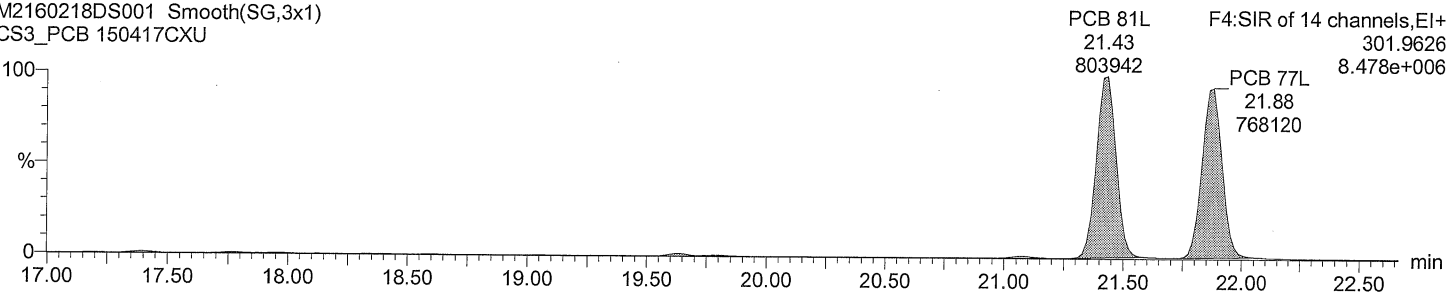
Total TeCB F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



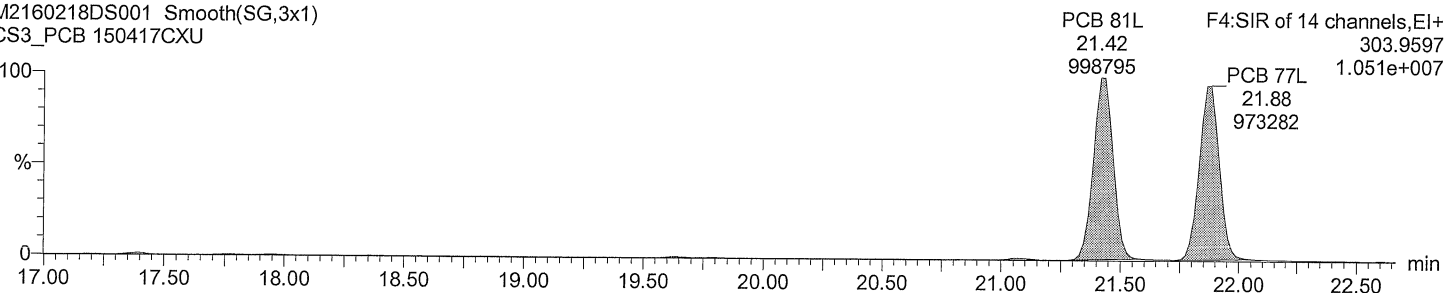
Total TeCB labeled F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TeCB labeled F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



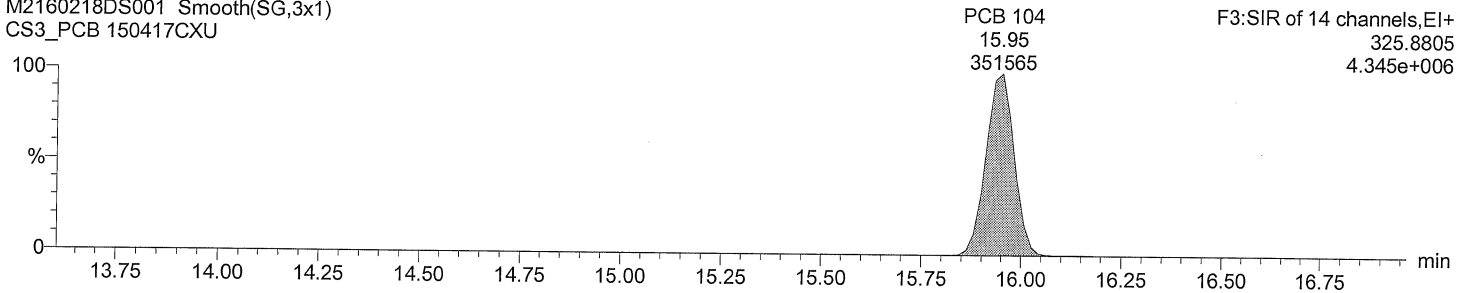
Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

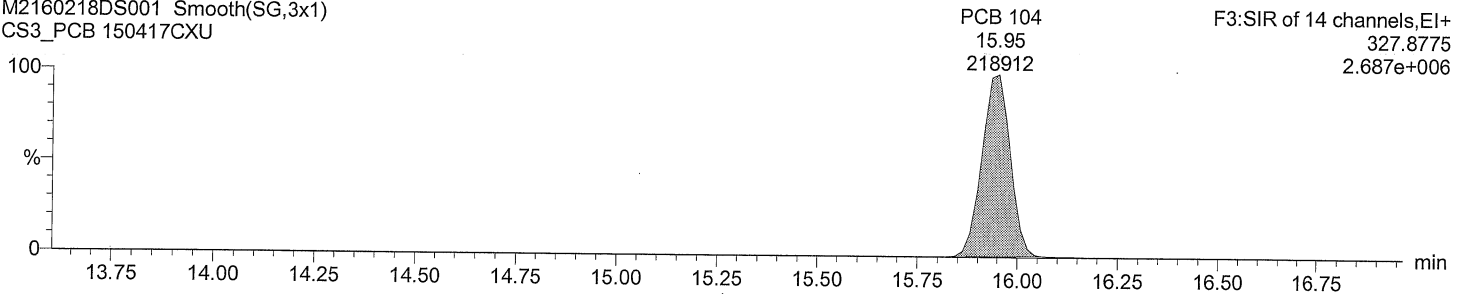
**Total PeCB F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



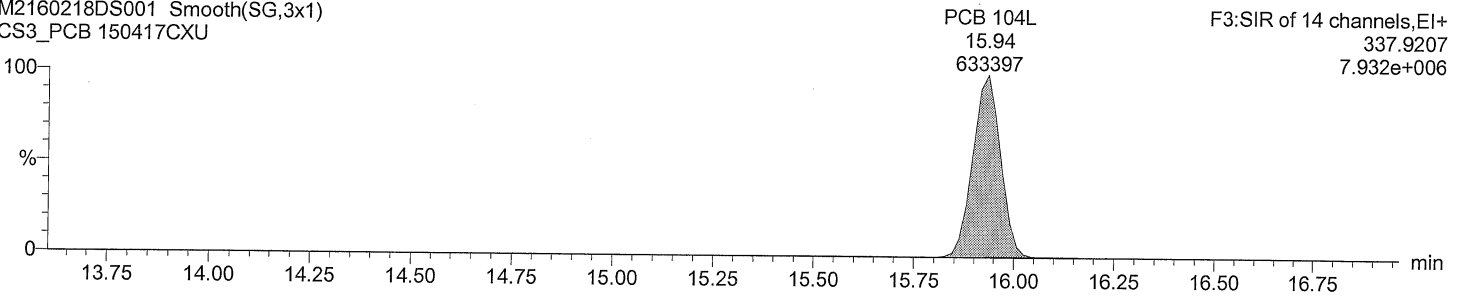
**Total PeCB F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



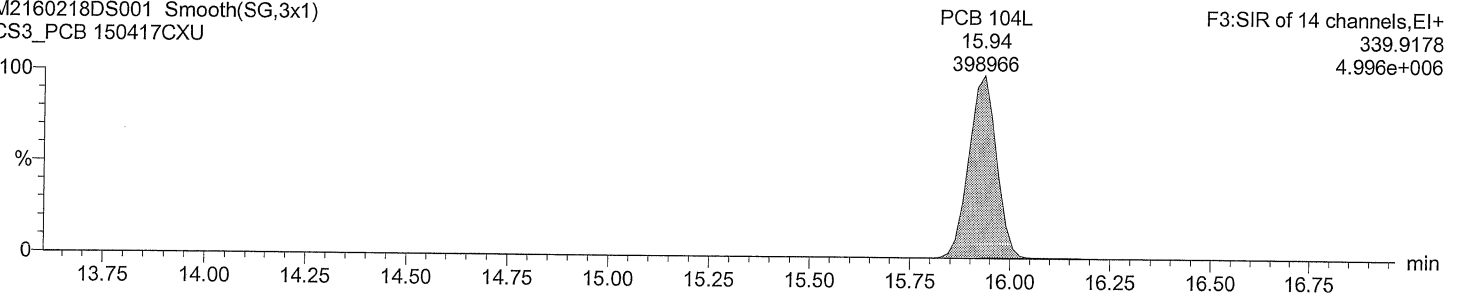
**Total PeCB labeled F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total PeCB labeled F3**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



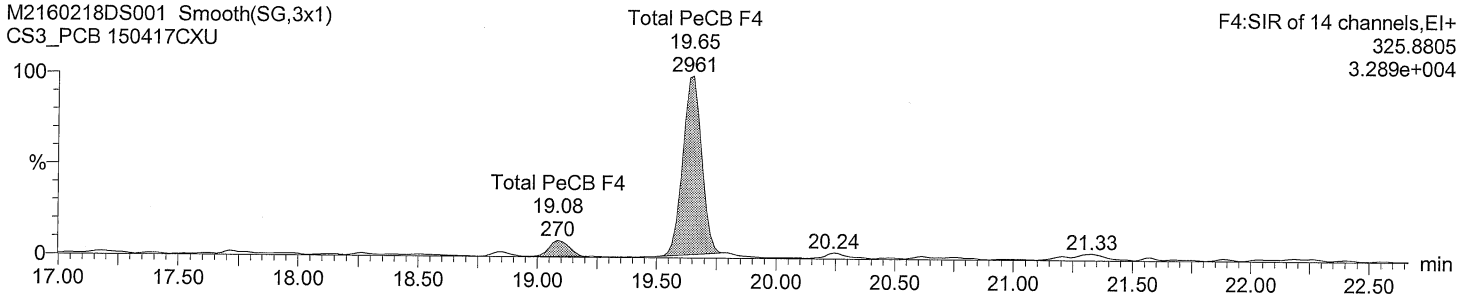
Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

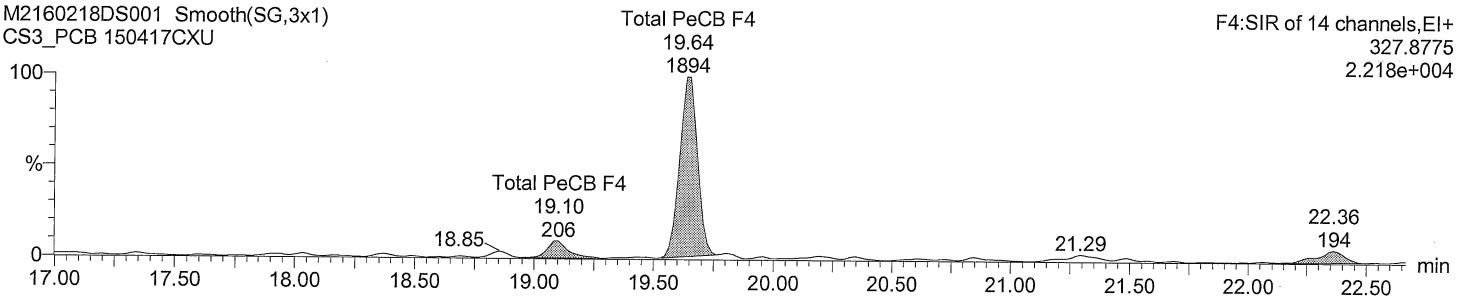
**Total PeCB F4**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



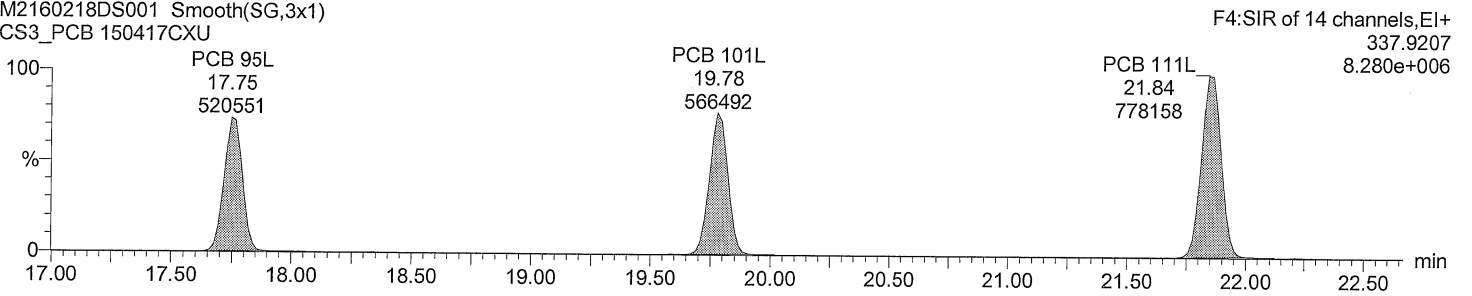
**Total PeCB F4**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



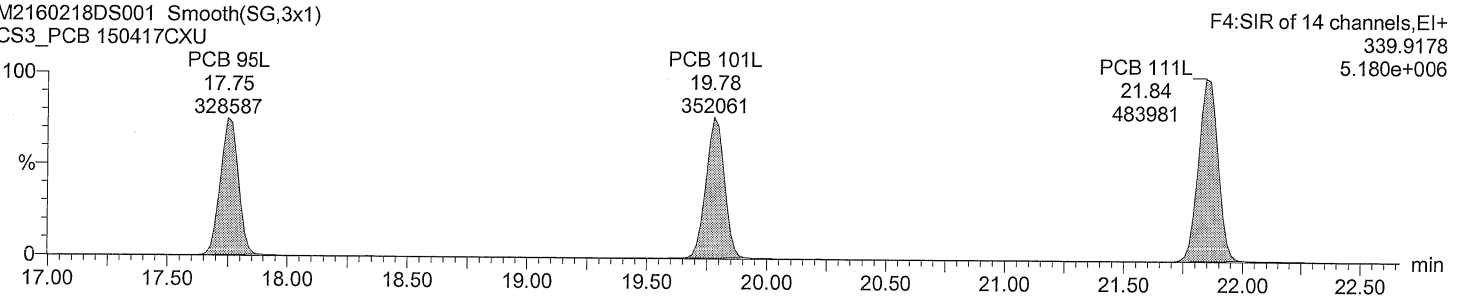
**Total PeCB labeled F4**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total PeCB labeled F4**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



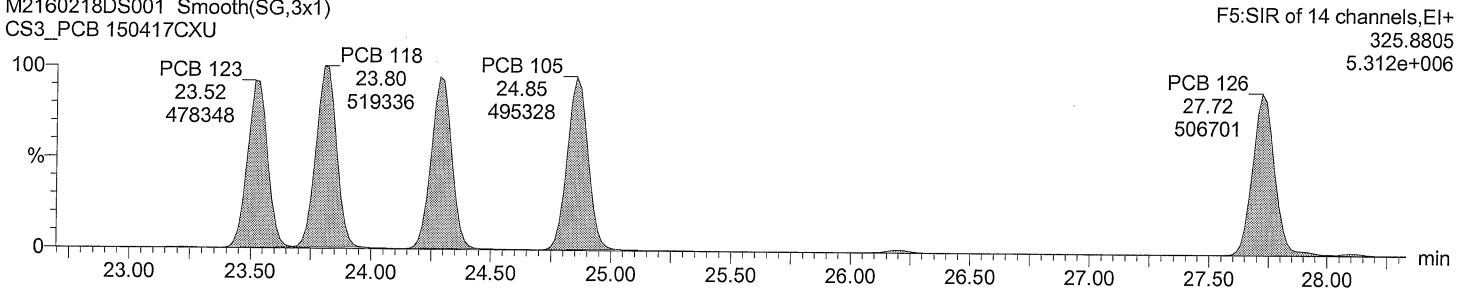
Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

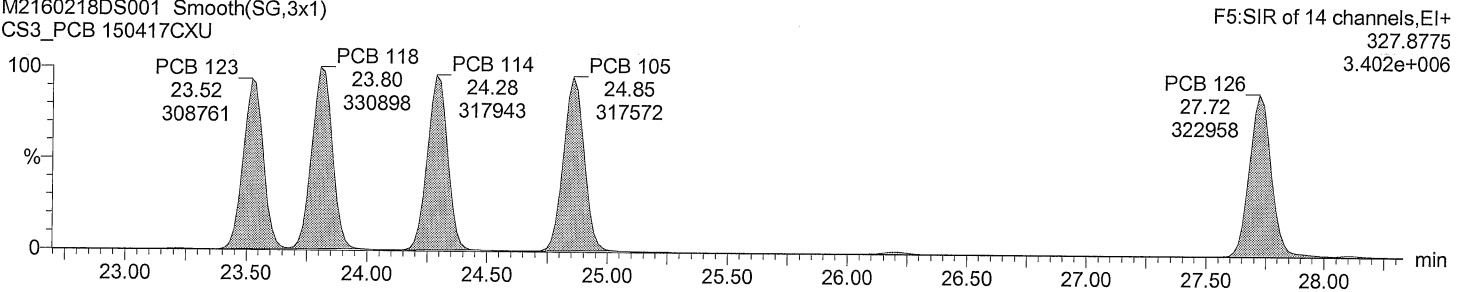
Total PeCB F5

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



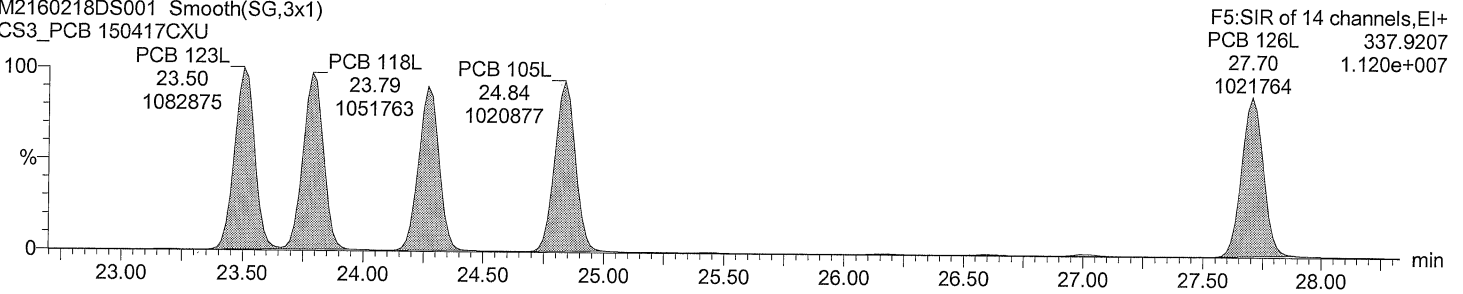
Total PeCB F5

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



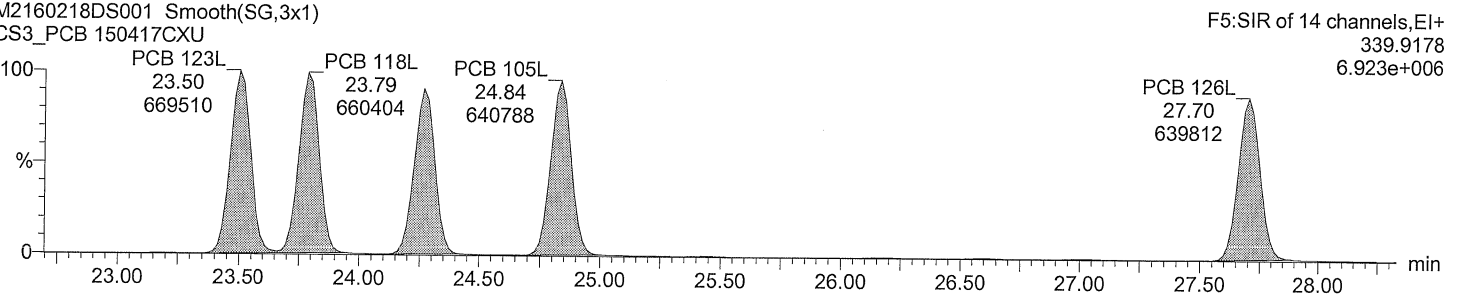
Total PeCB labeled F5

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total PeCB labeled F5

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

Time: 18:27:16

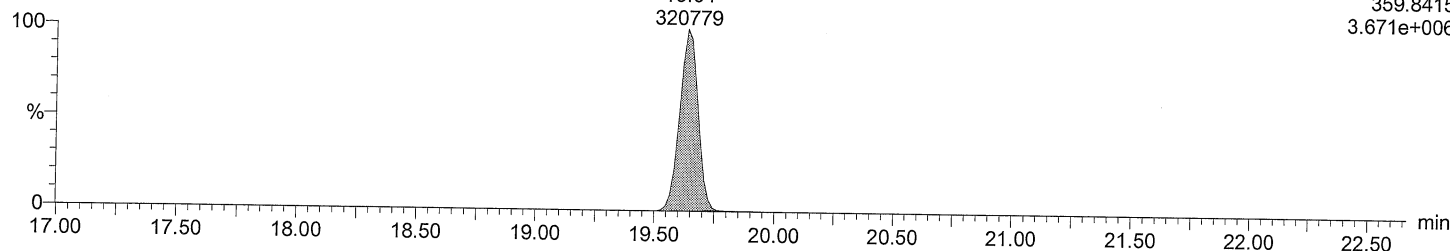
Instrument: Autospec-UltimaE

Total HxCB F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.64  
320779

F4:SIR of 14 channels,EI+  
359.8415  
3.671e+006

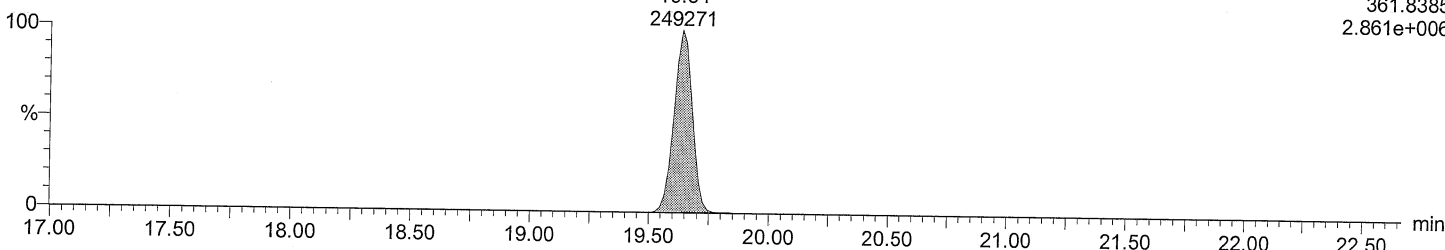


Total HxCB F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.64  
249271

F4:SIR of 14 channels,EI+  
361.8385  
2.861e+006

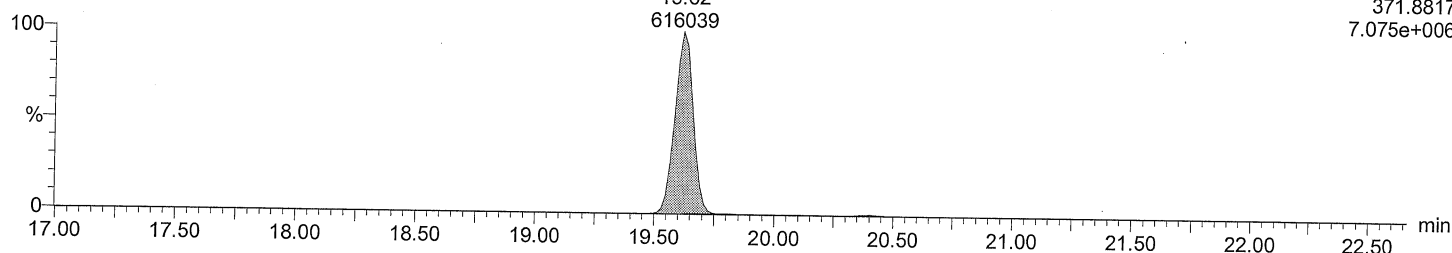


Total HxCB labeled F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.62  
616039

F4:SIR of 14 channels,EI+  
371.8817  
7.075e+006

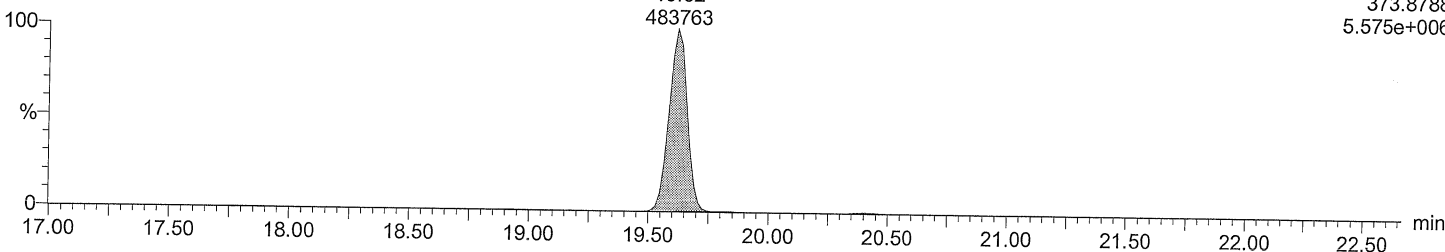


Total HxCB labeled F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.62  
483763

F4:SIR of 14 channels,EI+  
373.8788  
5.575e+006



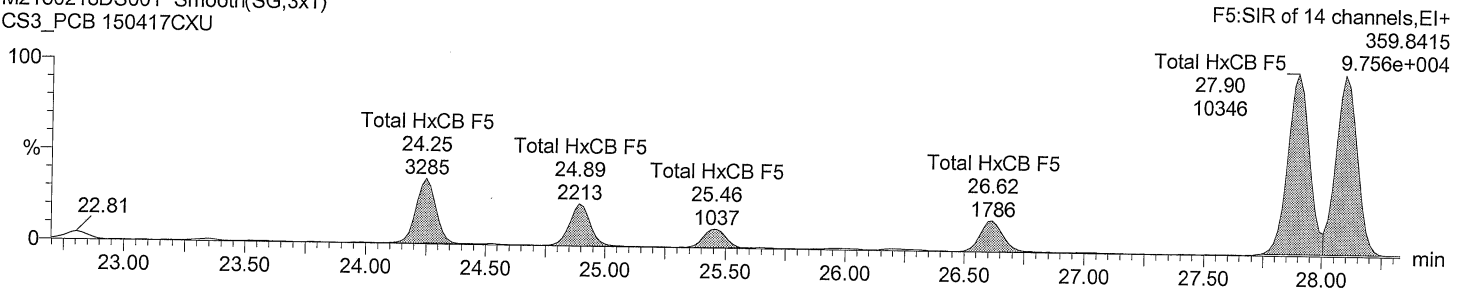
Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

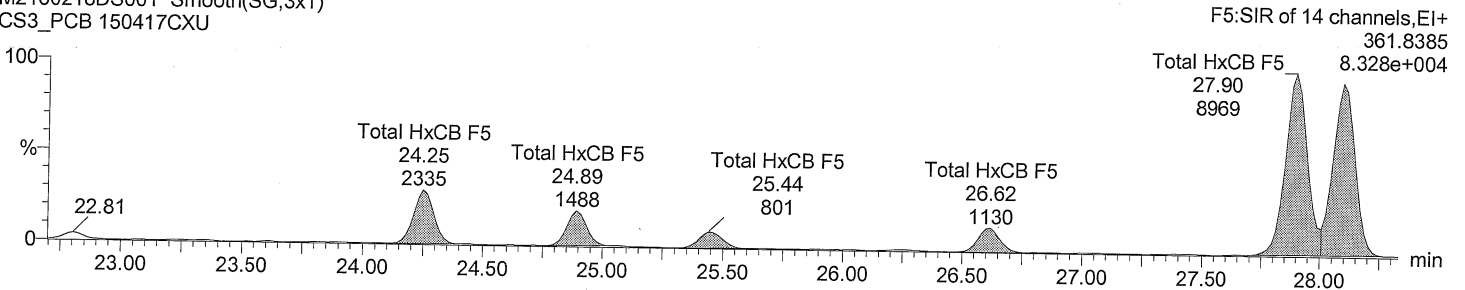
**Total HxCB F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



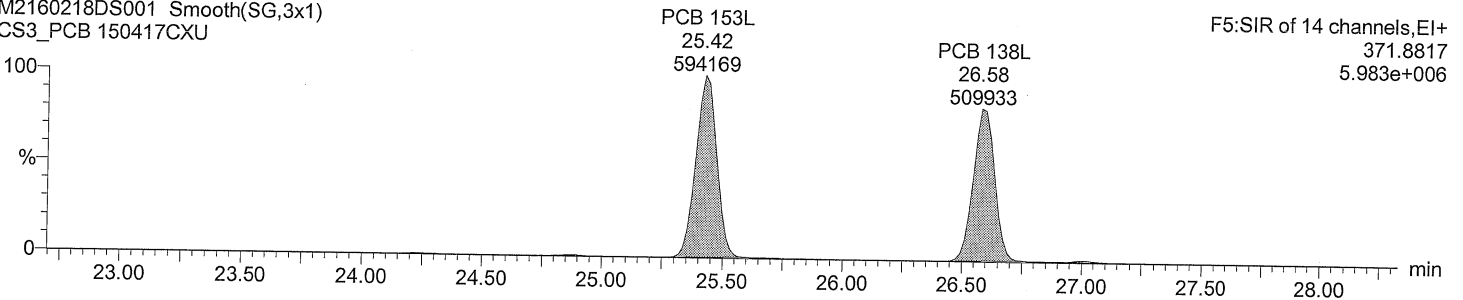
**Total HxCB F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



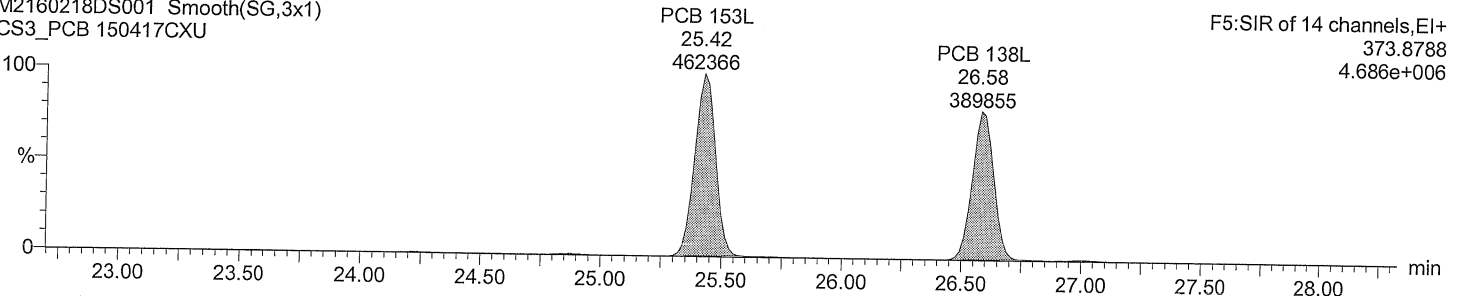
**Total HxCB labeled F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total HxCB labeled F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU





Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

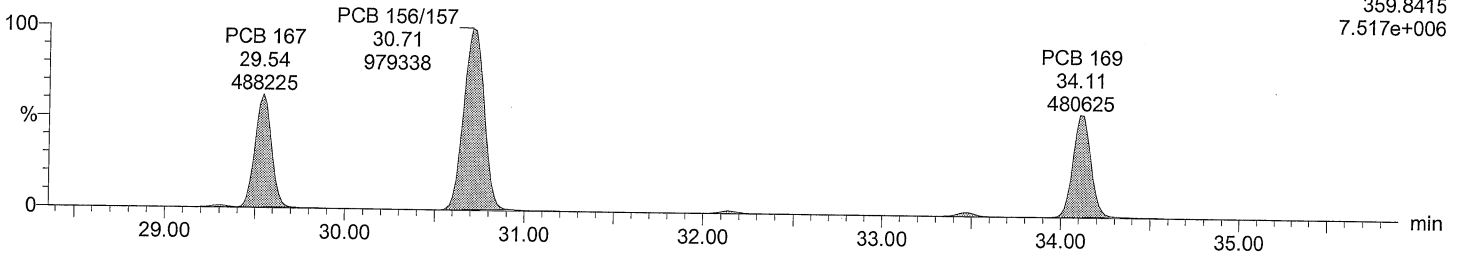
Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

Total HxCB F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

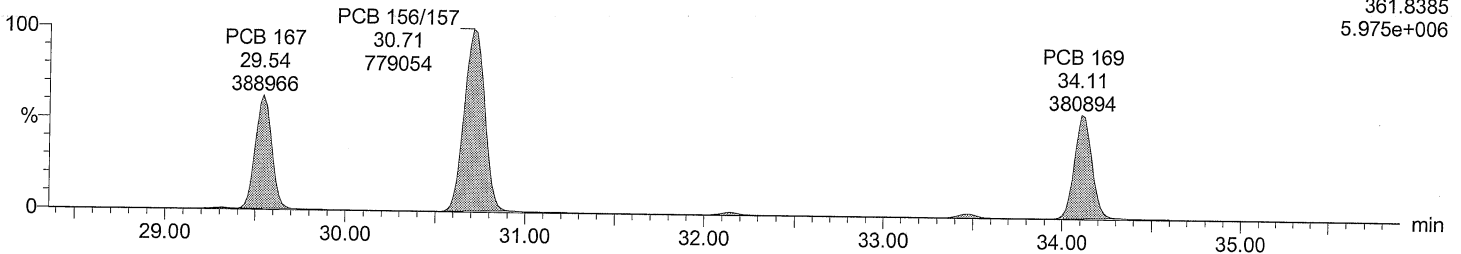
F6:SIR of 14 channels,EI+  
359.8415  
7.517e+006



Total HxCB F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

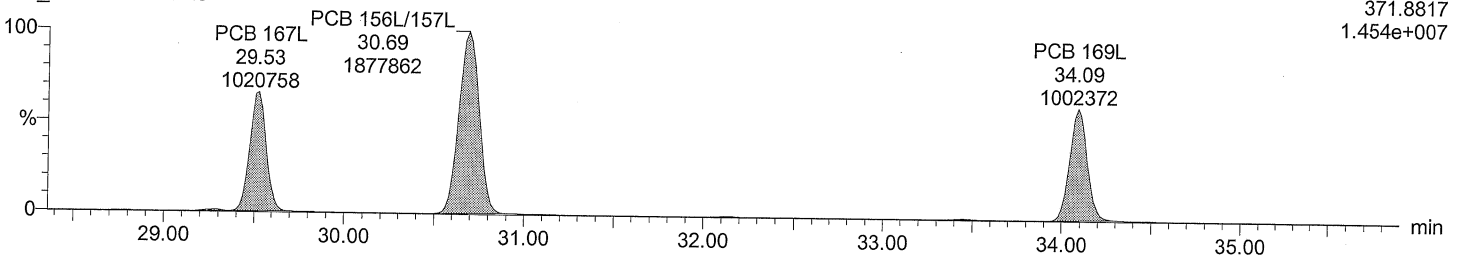
F6:SIR of 14 channels,EI+  
361.8385  
5.975e+006



Total HxCB labeled F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

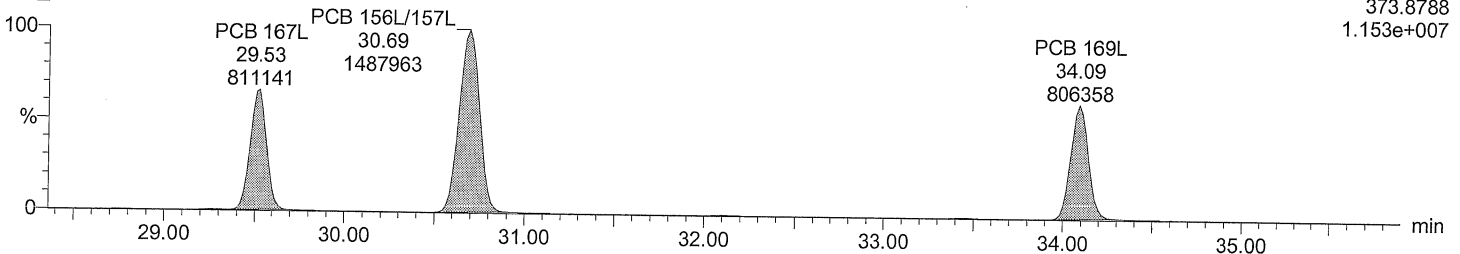
F6:SIR of 14 channels,EI+  
371.8817  
1.454e+007



Total HxCB labeled F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
373.8788  
1.153e+007



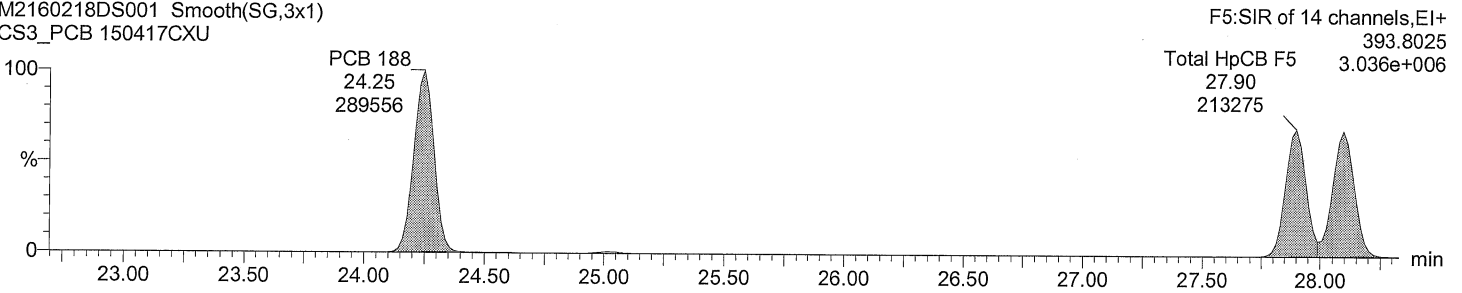
Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 18-FEB-2016  
Time: 18:27:16  
Instrument: Autospec-UltimaE

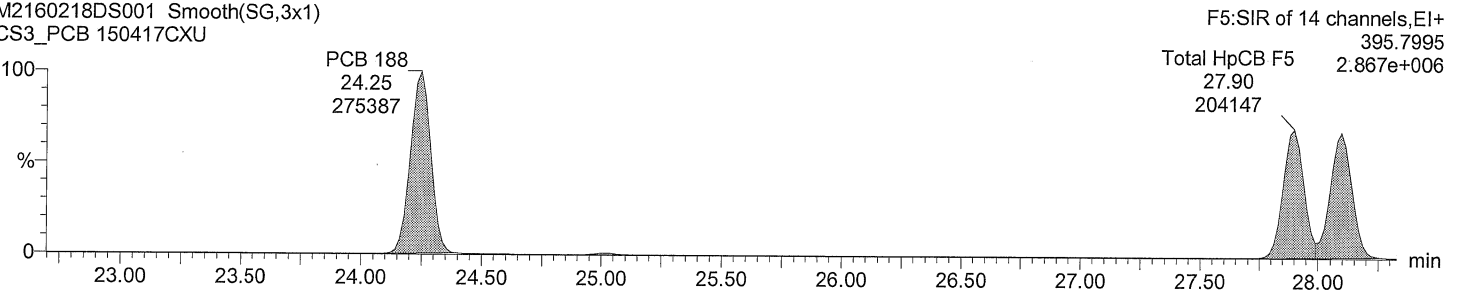
**Total HpCB F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



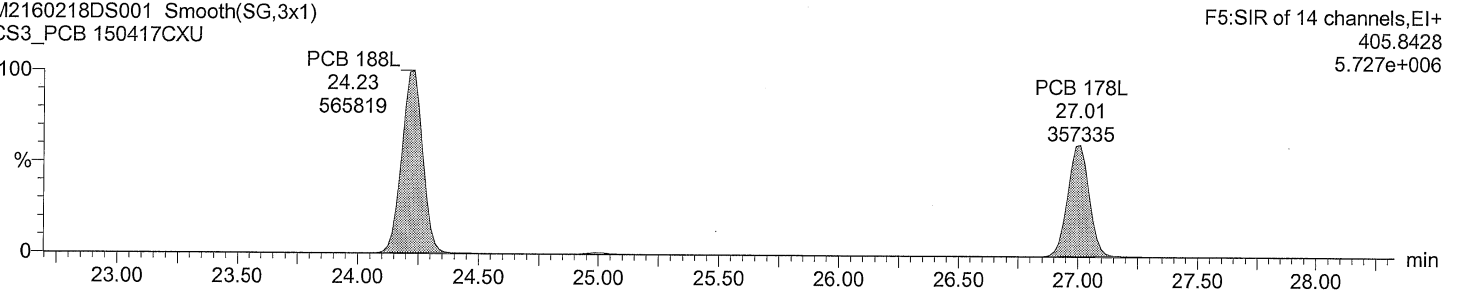
**Total HpCB F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



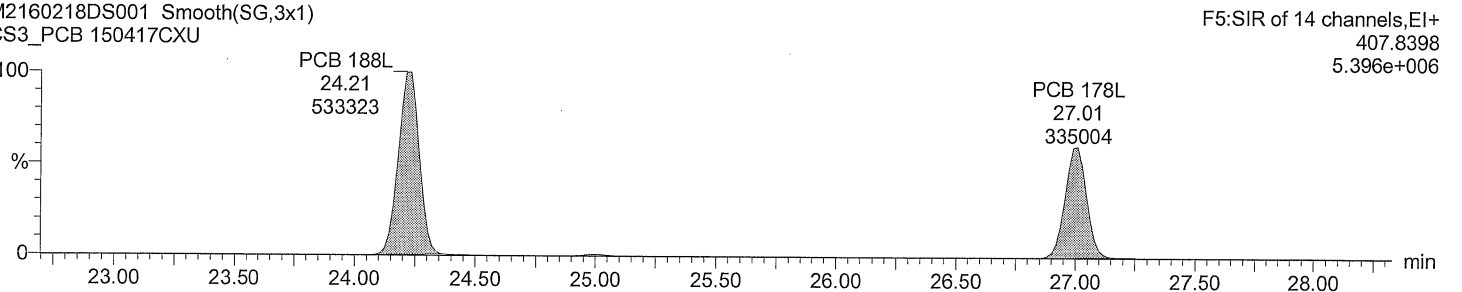
**Total HpCB labeled F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total HpCB labeled F5**

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

Total HpCB F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 193/180

32.14

288369

PCB 170

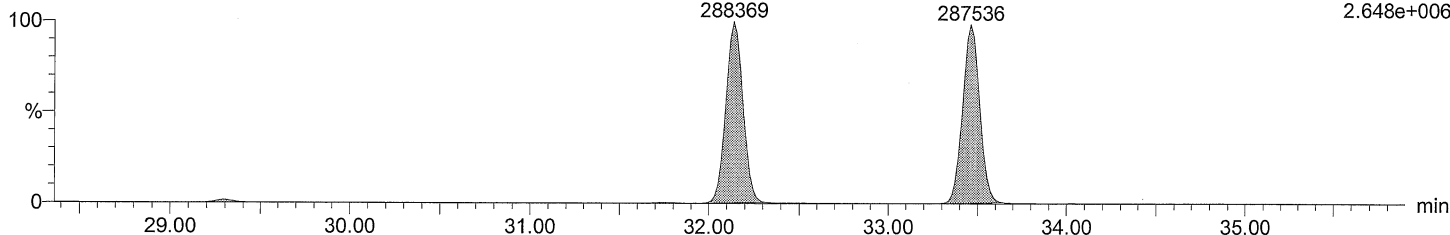
33.46

287536

F6:SIR of 14 channels,EI+

393.8025

2.648e+006



Total HpCB F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 193/180

32.14

270968

PCB 170

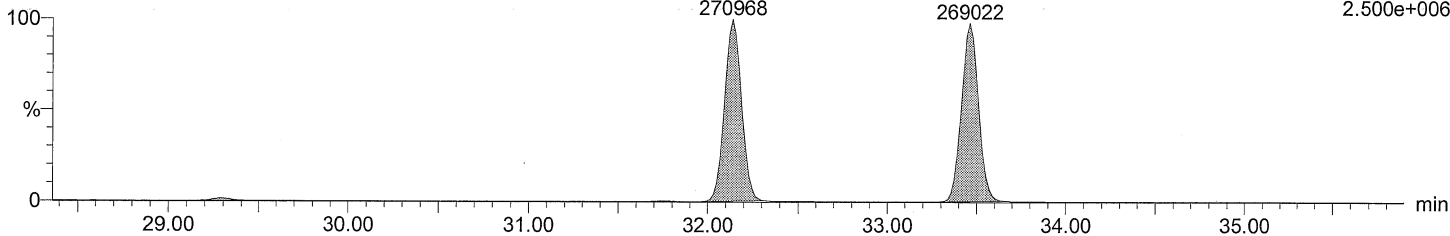
33.46

269022

F6:SIR of 14 channels,EI+

395.7995

2.500e+006



Total HpCB labeled F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 180L

32.12

506568

PCB 170L

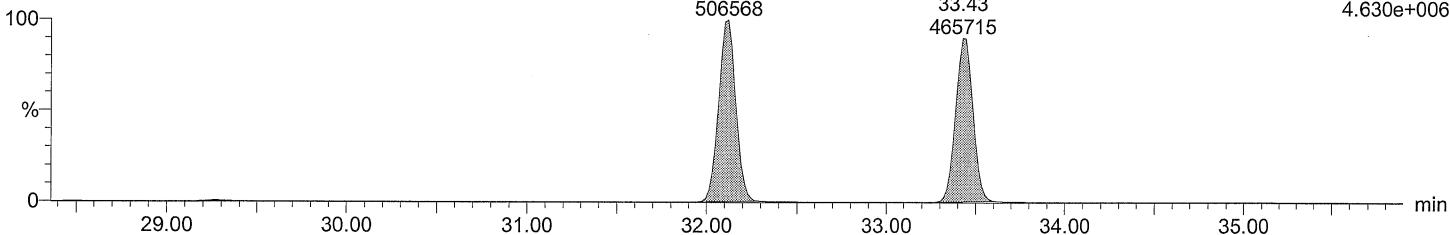
33.43

465715

F6:SIR of 14 channels,EI+

405.8428

4.630e+006



Total HpCB labeled F6

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 180L

32.12

477165

PCB 170L

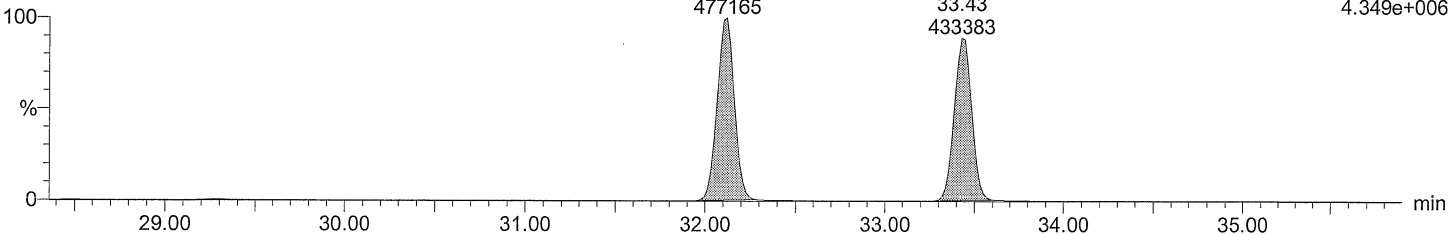
33.43

433383

F6:SIR of 14 channels,EI+

407.8398

4.349e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

Time: 18:27:16

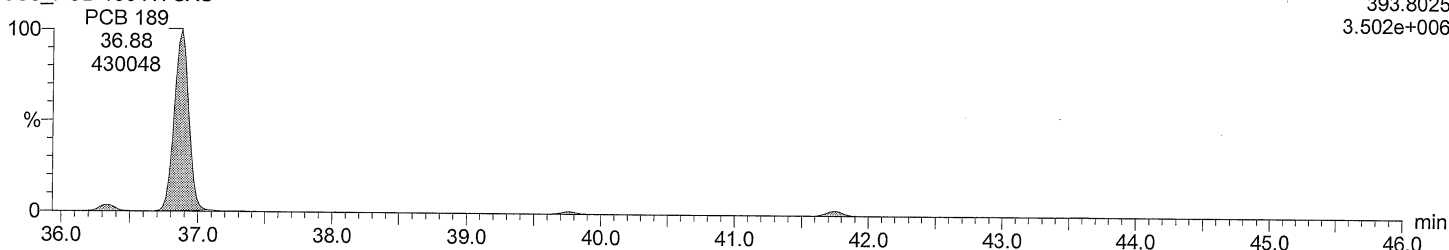
Instrument: Autospec-UltimaE

Total HpCB F7

M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
393.8025  
3.502e+006

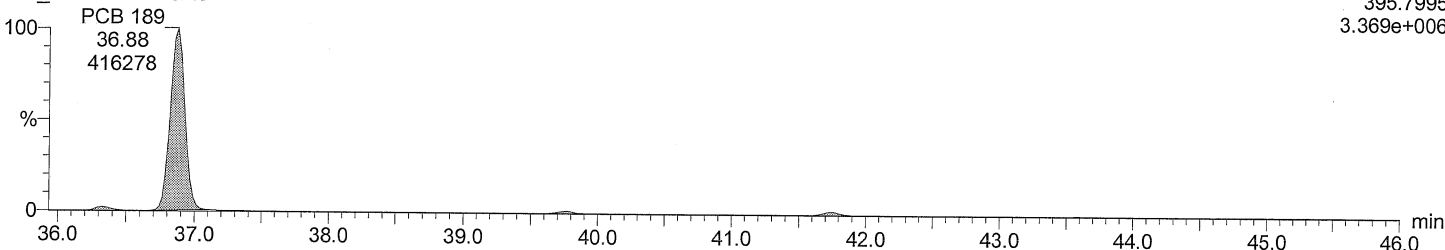


Total HpCB F7

M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
395.7995  
3.369e+006

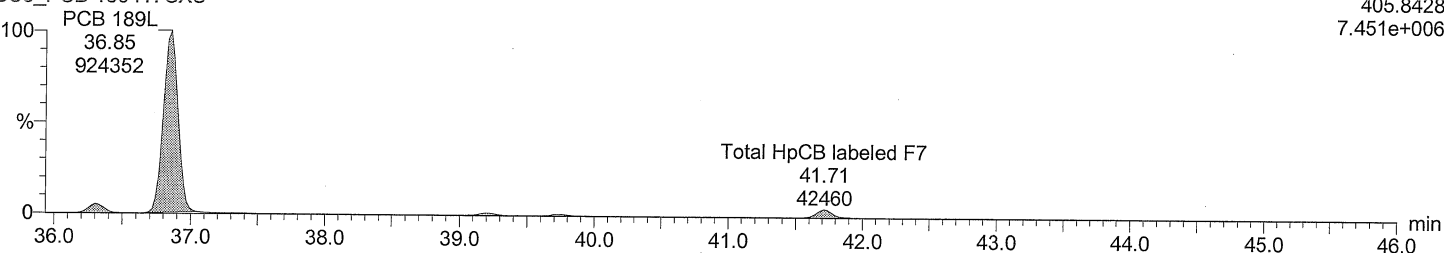


Total HpCB labeled F7

M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
405.8428  
7.451e+006

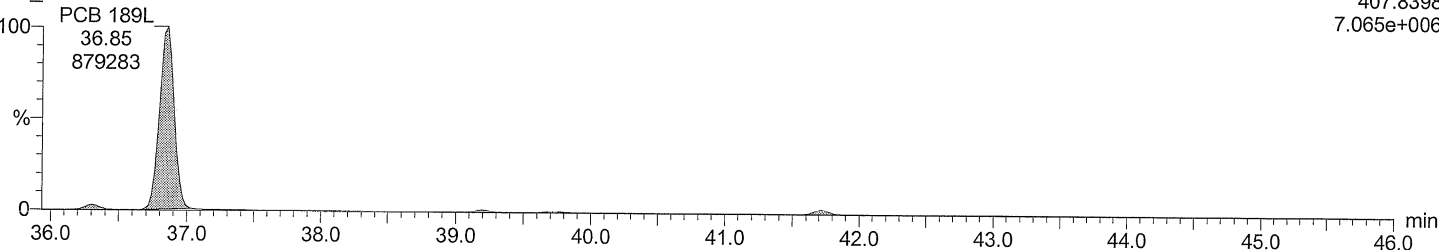


Total HpCB labeled F7

M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
407.8398  
7.065e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

Total OcCB F6

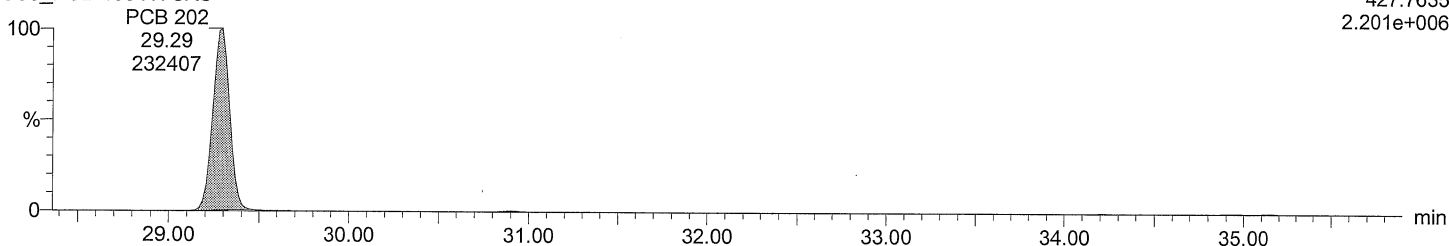
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

427.7635

2.201e+006



Total OcCB F6

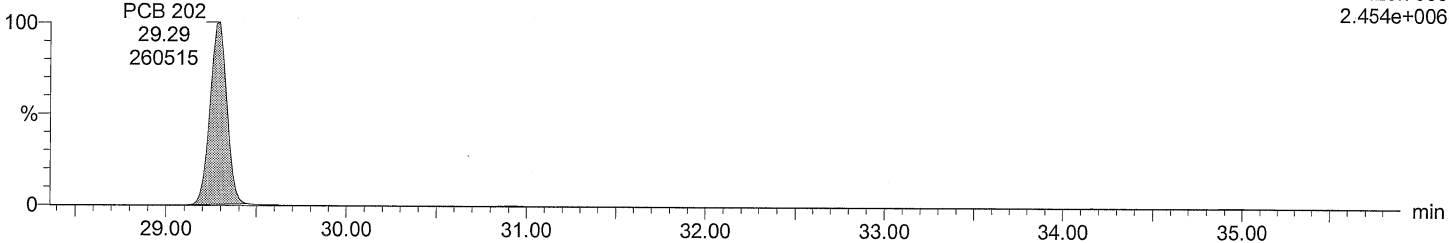
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

429.7606

2.454e+006



Total OcCB labeled F6

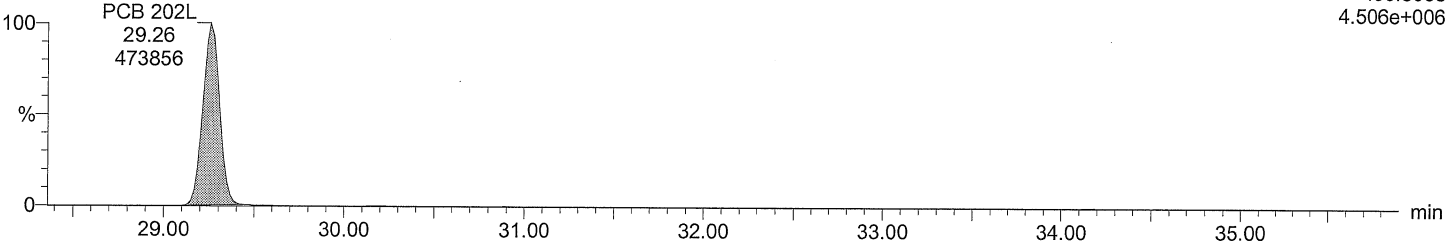
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

439.8038

4.506e+006



Total OcCB labeled F6

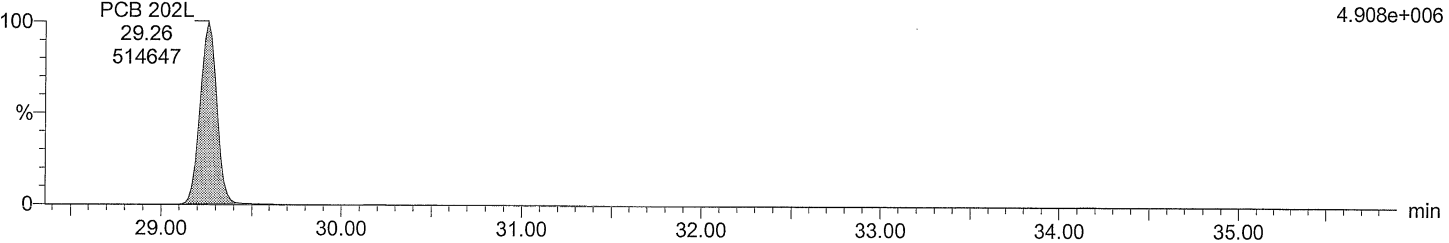
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

441.8008

4.908e+006



Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time  
Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

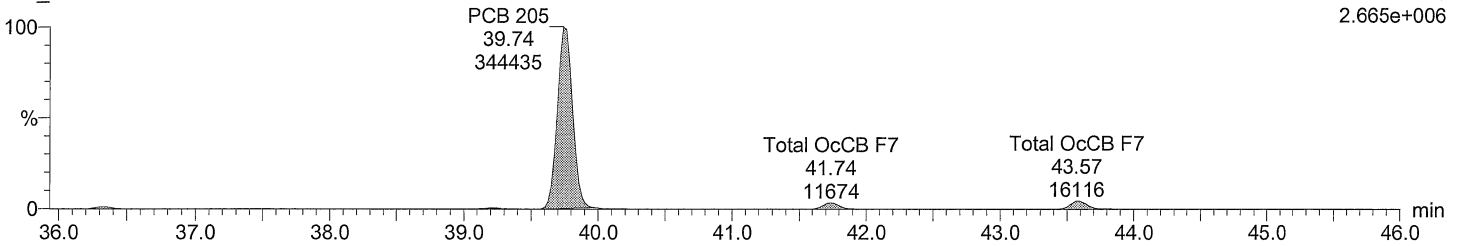
Time: 18:27:16

Instrument: Autospec-UltimaE

Total OcCB F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

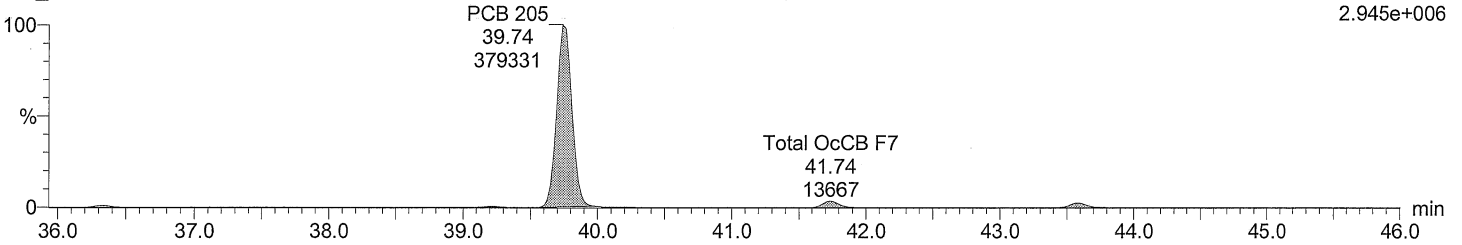
F7:SIR of 18 channels,EI+  
427.7635  
2.665e+006



Total OcCB F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

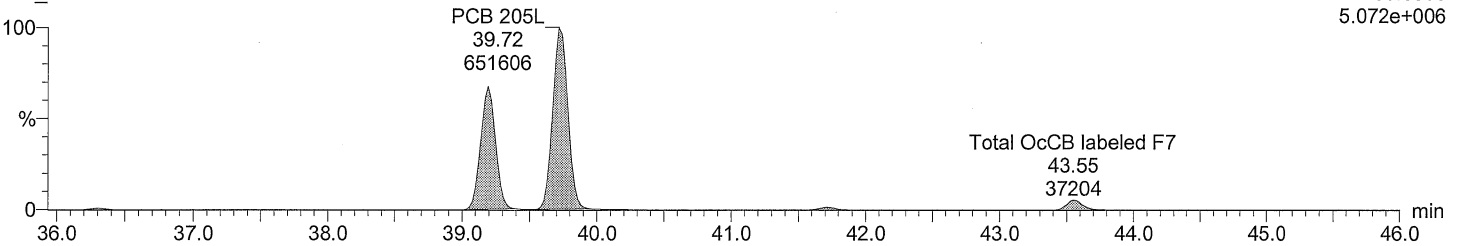
F7:SIR of 18 channels,EI+  
429.7606  
2.945e+006



Total OcCB labeled F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

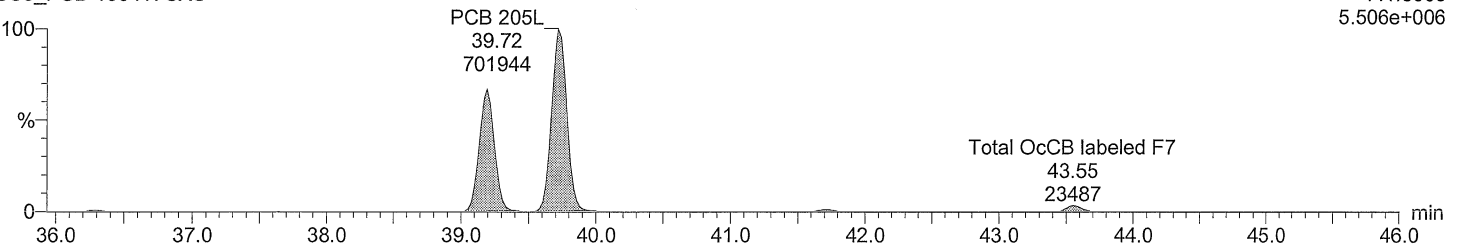
F7:SIR of 18 channels,EI+  
439.8038  
5.072e+006



Total OcCB labeled F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
441.8008  
5.506e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

Time: 18:27:16

Instrument: Autospec-UltimaE

Total NoCB F7

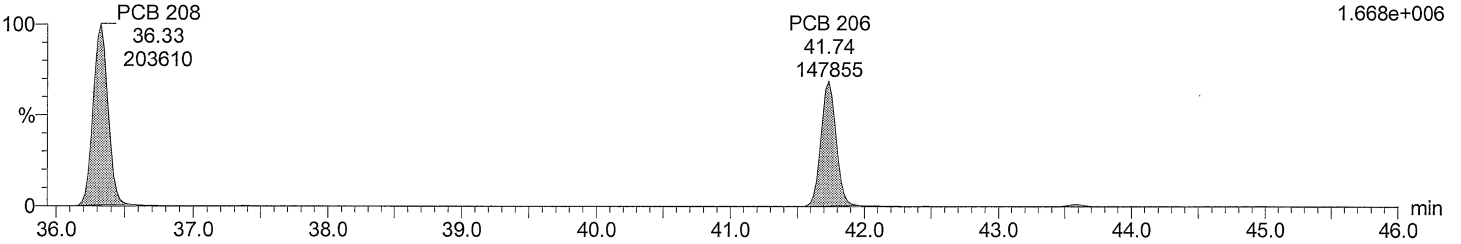
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels, EI+

461.7246

1.668e+006



Total NoCB F7

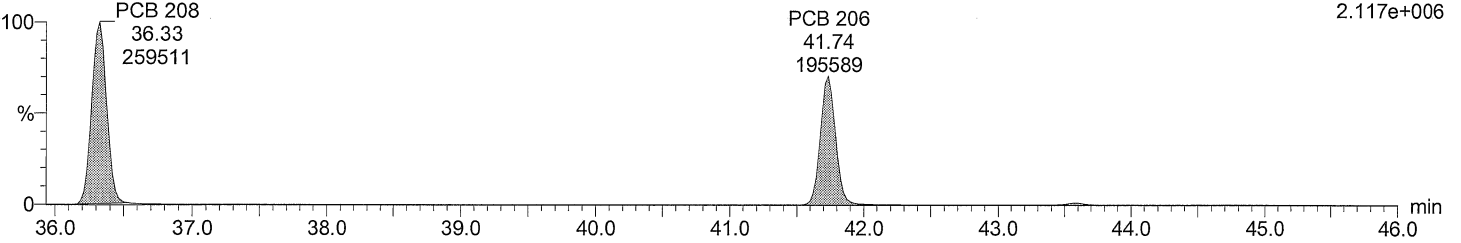
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels, EI+

463.7216

2.117e+006



Total NoCB labeled F7

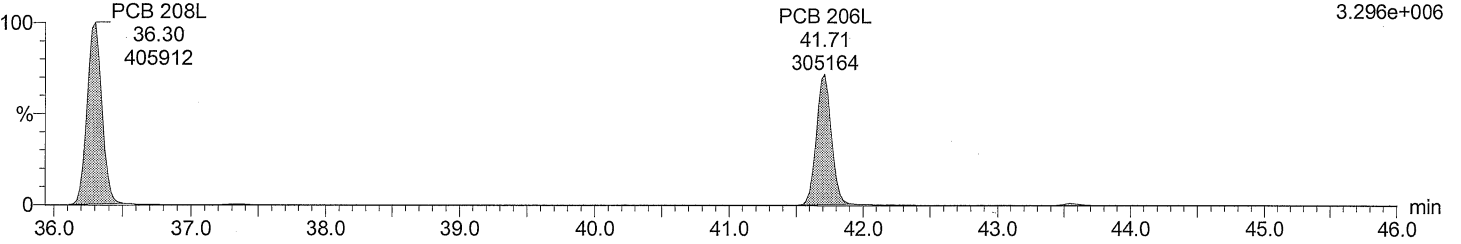
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels, EI+

473.7648

3.296e+006



Total NoCB labeled F7

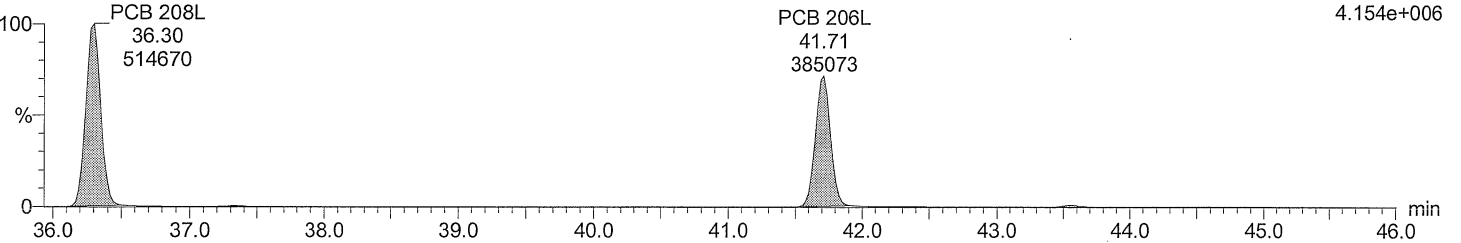
M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F7:SIR of 18 channels, EI+

475.7619

4.154e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

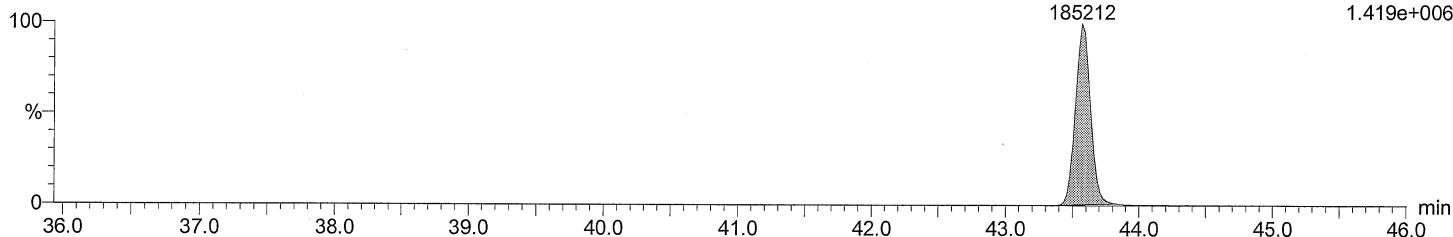
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Instrument: Autospec-UltimaE

Total DeCB F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

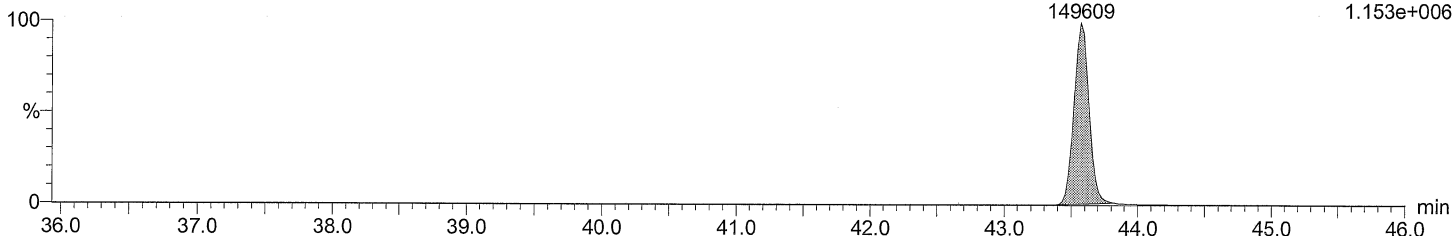
PCB 209  
43.57  
185212  
F7:SIR of 18 channels,EI+  
497.6826  
1.419e+006



Total DeCB F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

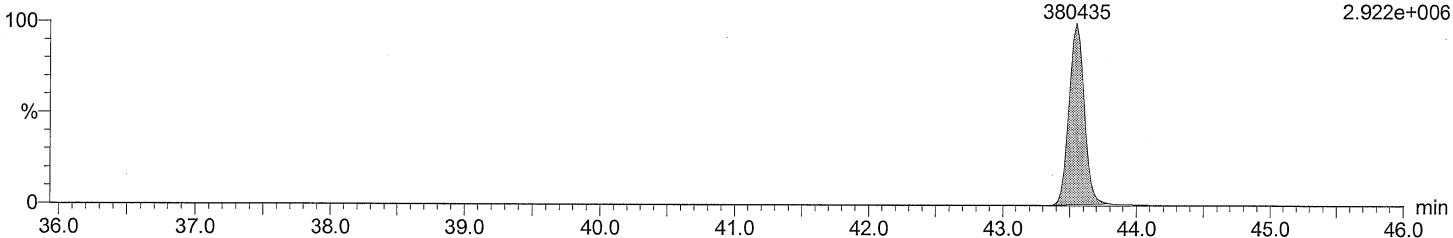
PCB 209  
43.57  
149609  
F7:SIR of 18 channels,EI+  
499.6797  
1.153e+006



Total DeCB labeled F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

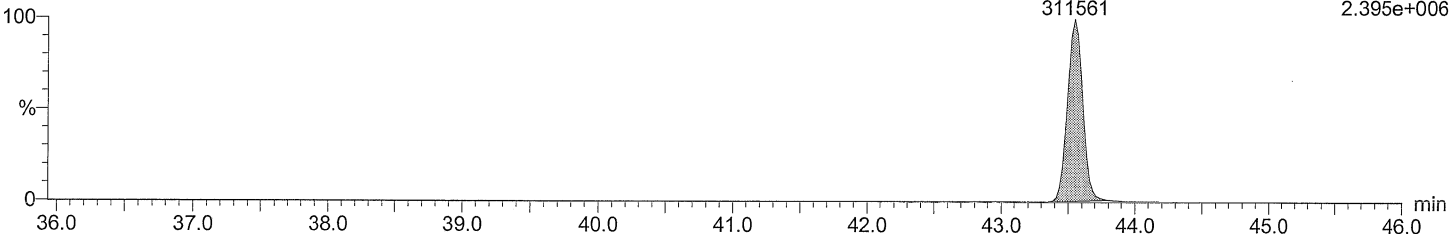
PCB 209L  
43.55  
380435  
F7:SIR of 18 channels,EI+  
509.7229  
2.922e+006



Total DeCB labeled F7

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 209L  
43.55  
311561  
F7:SIR of 18 channels,EI+  
511.7199  
2.395e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

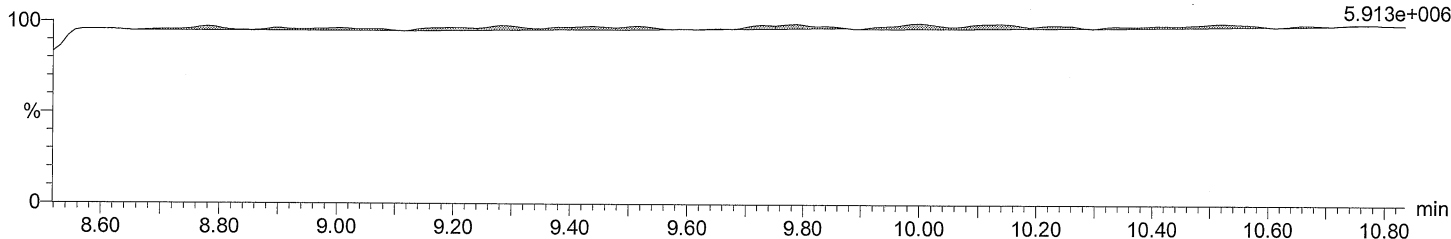
Time: 18:27:16

Instrument: Autospec-UltimaE

lockmass F1

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

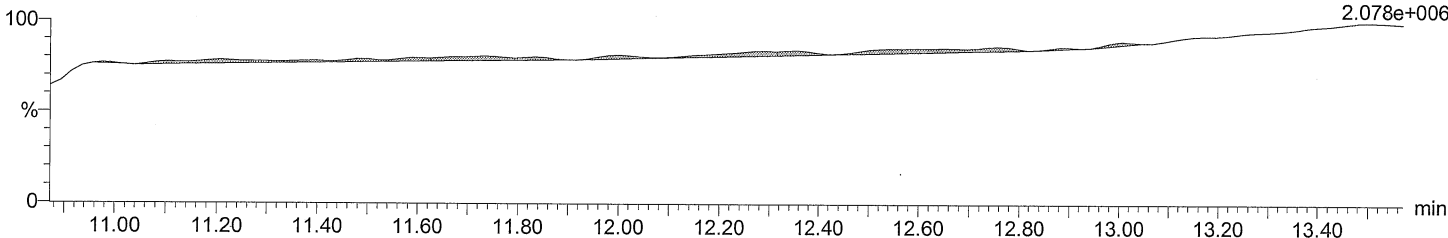
F1:SIR of 10 channels,EI+  
218.9856  
5.913e+006



lockmass F2

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

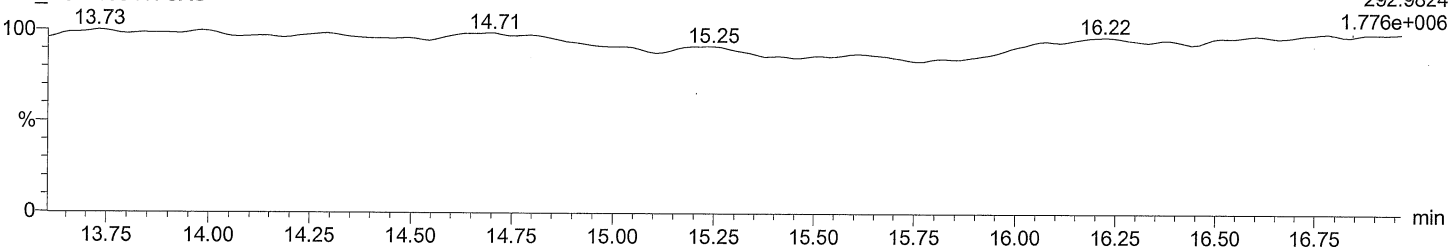
F2:SIR of 16 channels,EI+  
242.9856  
2.078e+006



lockmass F3

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

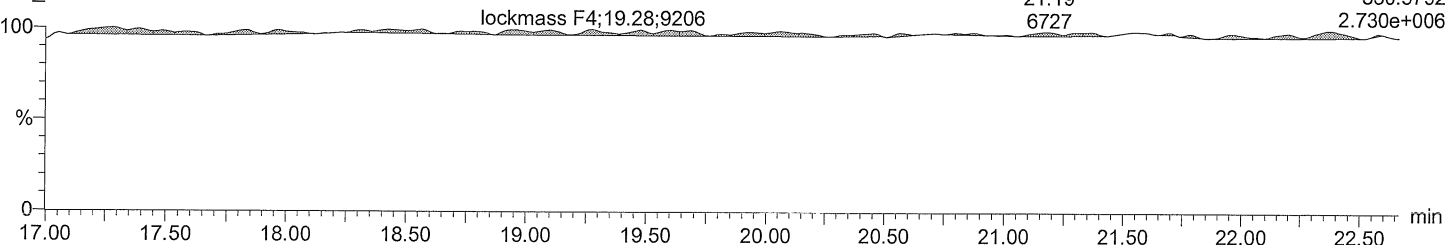
F3:SIR of 14 channels,EI+  
292.9824  
1.776e+006



lockmass F4

M2160218DS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F4 F4:SIR of 14 channels,EI+  
21.19 330.9792  
6727 2.730e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160218DS001CS3\_1668A.qld

Last Altered: February 19, 2016 9:49:06 AM Eastern Standard Time

Printed: February 19, 2016 1:00:34 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 18-FEB-2016

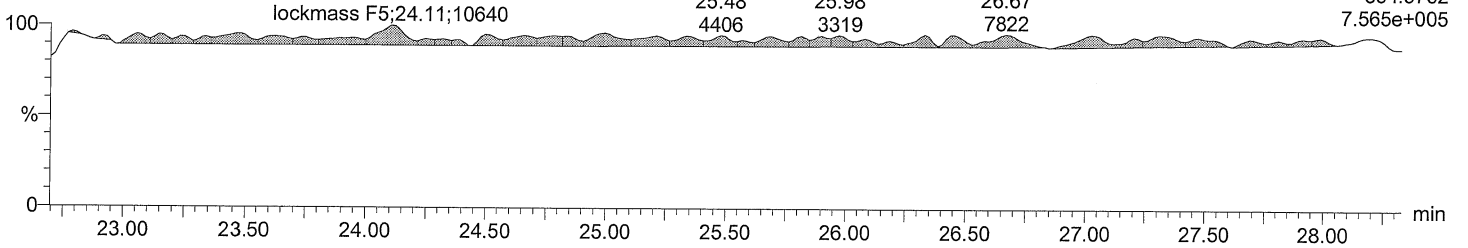
Time: 18:27:16

Instrument: Autospec-UltimaE

lockmass F5

M2160218DS001 Smooth(SG,3x1)

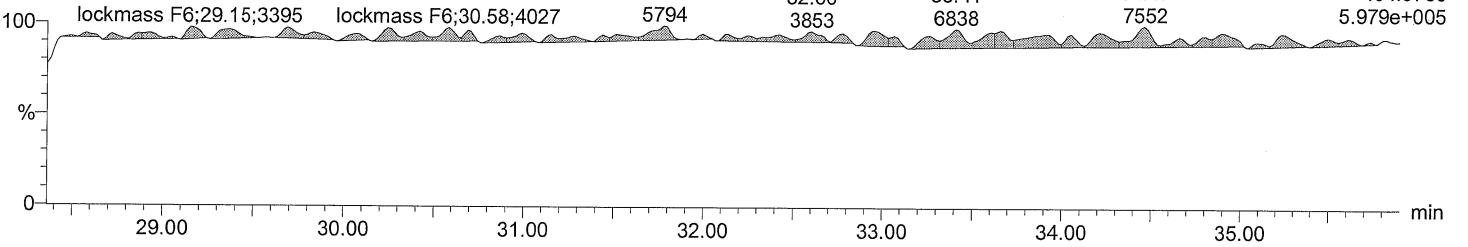
CS3\_PCB 150417CXU



lockmass F6

M2160218DS001 Smooth(SG,3x1)

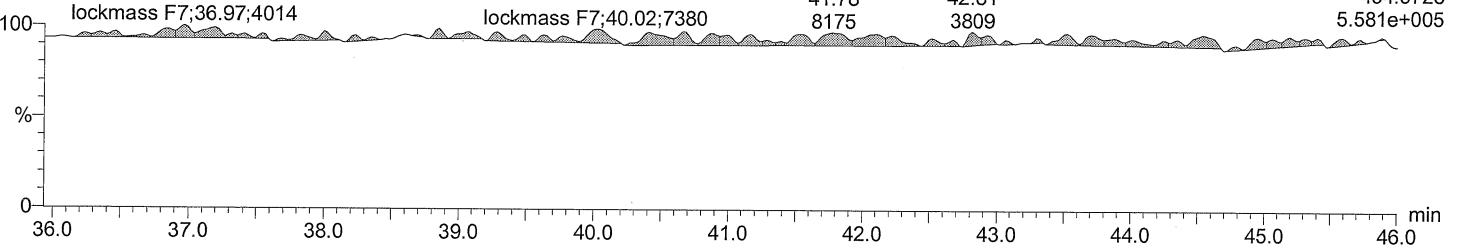
CS3\_PCB 150417CXU



lockmass F7

M2160218DS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

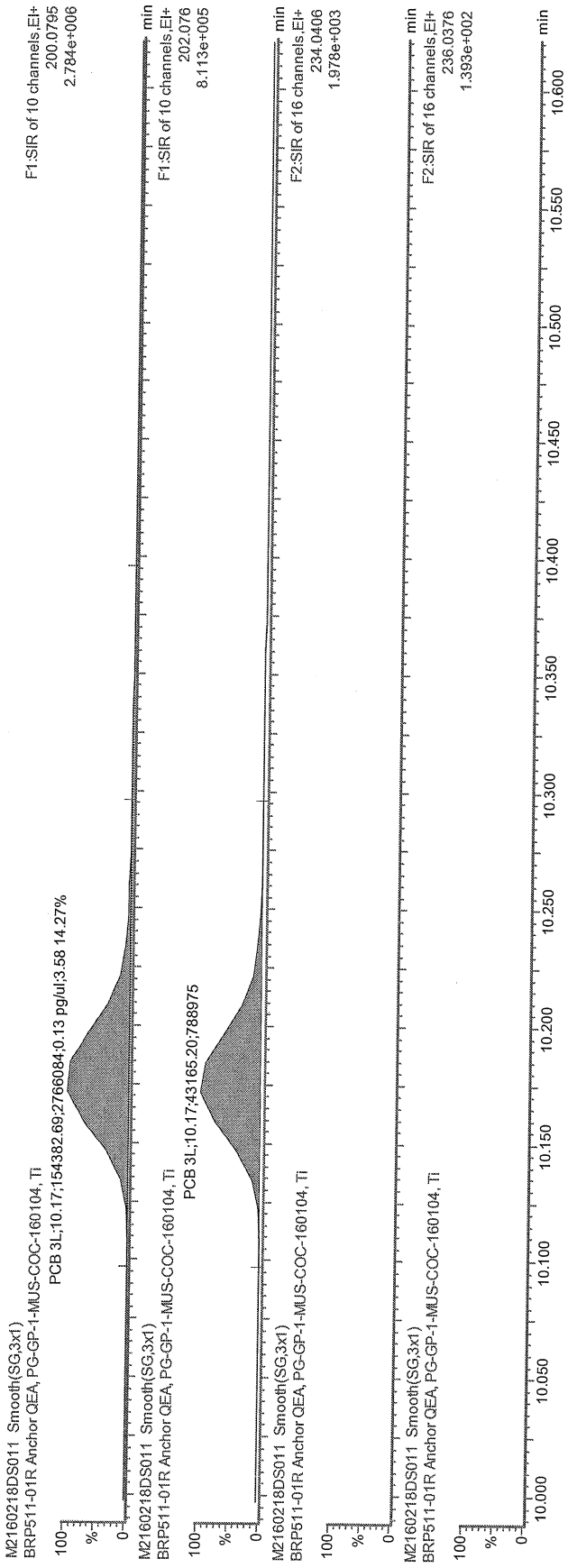


Dataset:            C:\MassLynx\Default.pro\QLD\M2160218DS001CS3\_1668A.qld

Last Altered:      February 19, 2016 9:49:06 AM Eastern Standard Time

Printed:            February 19, 2016 1:00:34 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
19-Feb-16	09:49:06	Process Integrate			
19-Feb-16	09:49:06	Process Quantify			
19-Feb-16	09:49:06	Dataset Created			
19-Feb-16	09:49:24	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	



2016-02-19

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FEB 23 2016

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F1:SIR of 10 channels,EI+  
200.0795  
2.784e+006

M2160218DS011 Smooth(SG,3x1)  
BRP511-01R Anchor QEA, PG-GP-1-MUS-COC-160104, TI  
PCB 3L,10.17;158682.78;2776358.0.13 pg/ul;3.68 17.45%

F1:SIR of 10 channels,EI+  
202.076  
8.113e+005

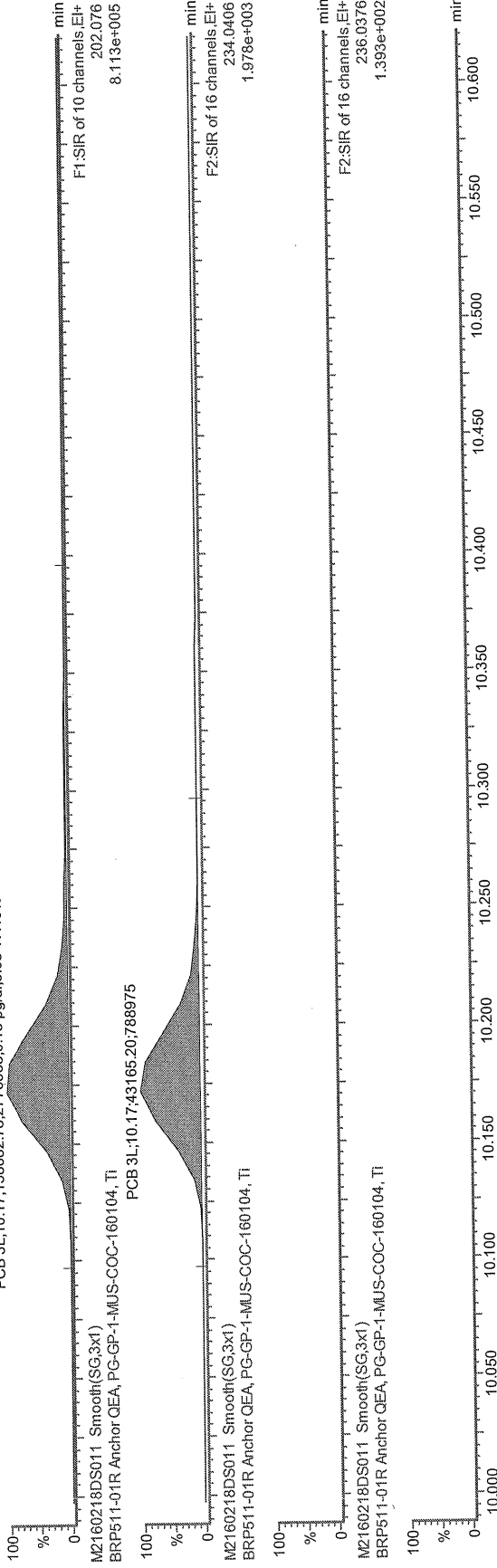
M2160218DS011 Smooth(SG,3x1)  
BRP511-01R Anchor QEA, PG-GP-1-MUS-COC-160104, TI  
PCB 3L,10.17;43165.20;788975

F2:SIR of 16 channels,EI+  
234.0406  
1.978e+003

M2160218DS011 Smooth(SG,3x1)  
BRP511-01R Anchor QEA, PG-GP-1-MUS-COC-160104, TI

F2:SIR of 16 channels,EI+  
236.0376  
1.393e+002

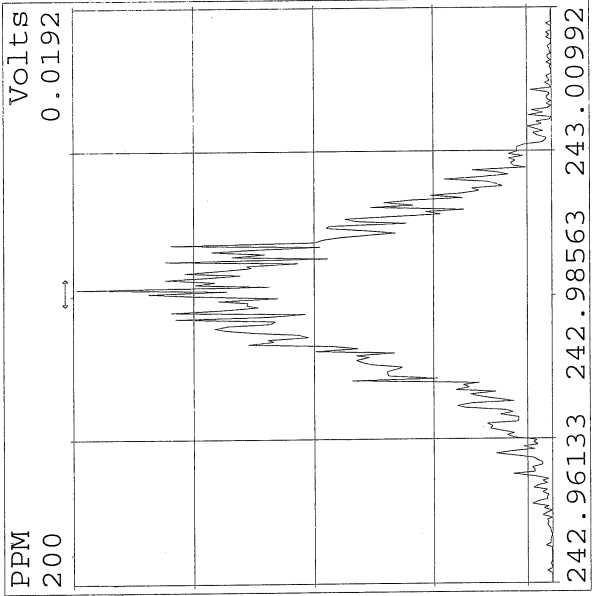
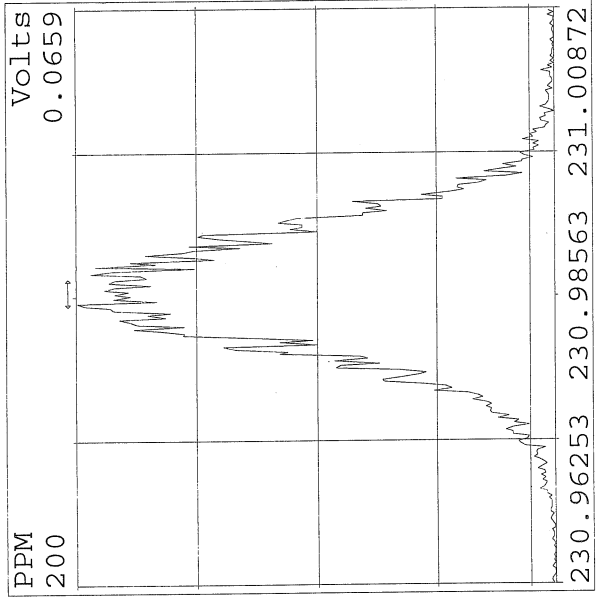
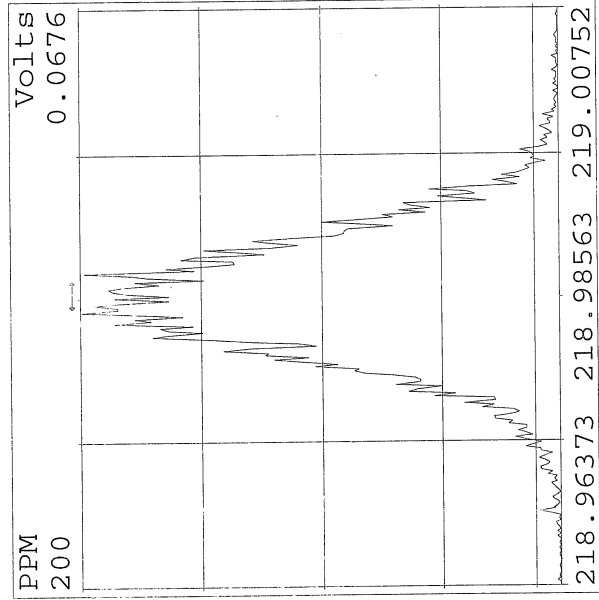
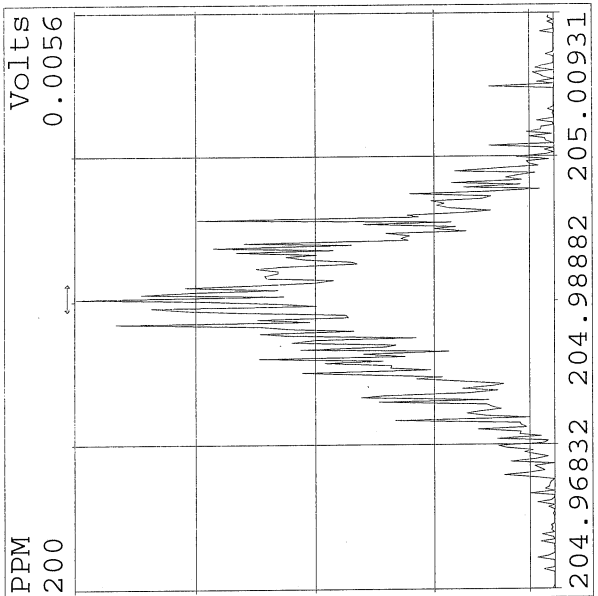
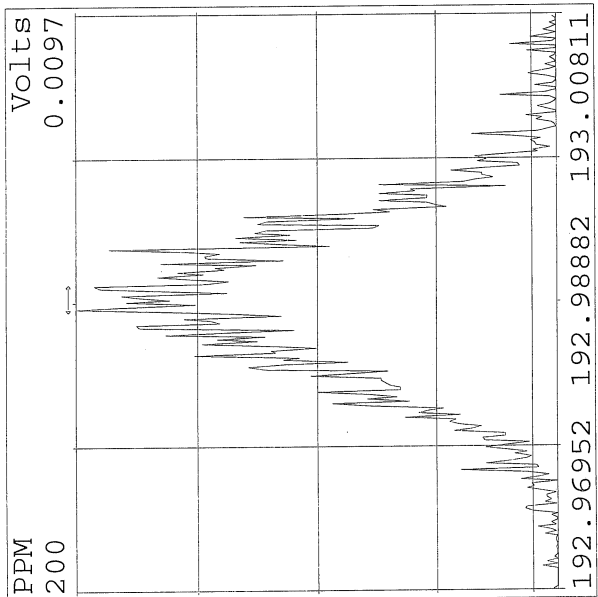
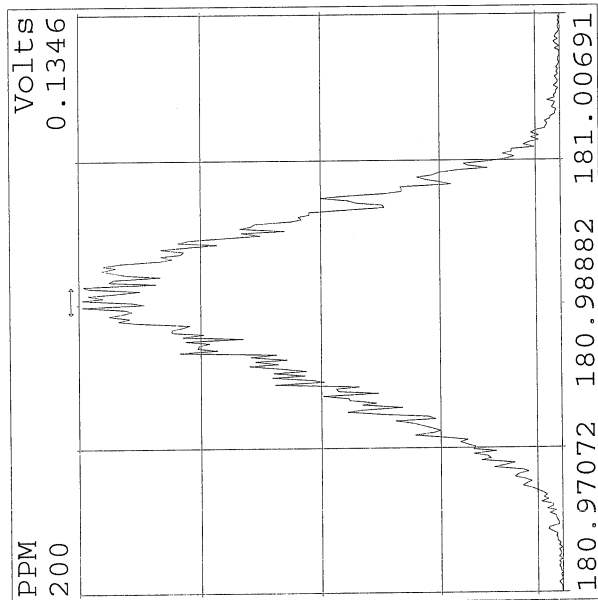
M2160218DS011 Smooth(SG,3x1)  
BRP511-01R Anchor QEA, PG-GP-1-MUS-COC-160104, TI



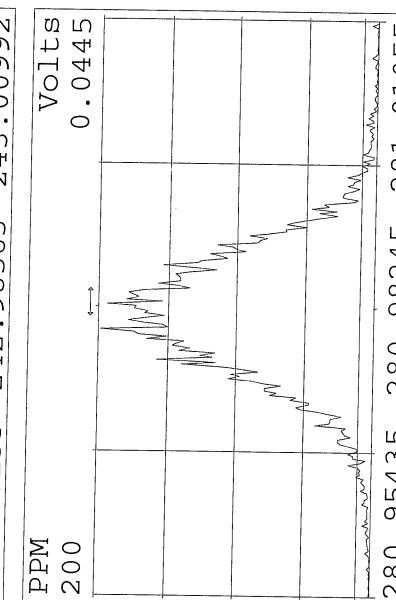
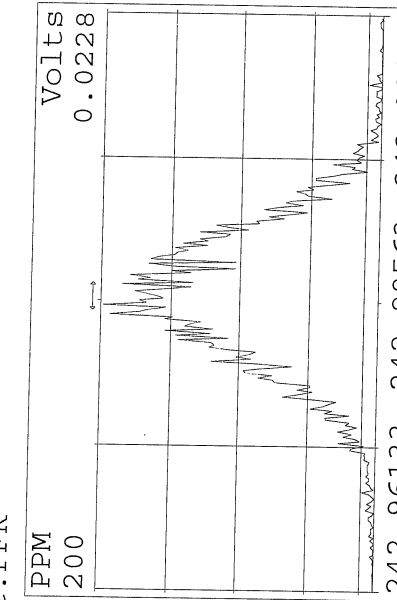
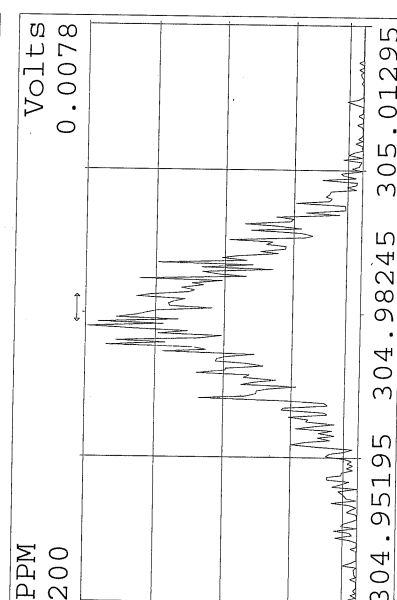
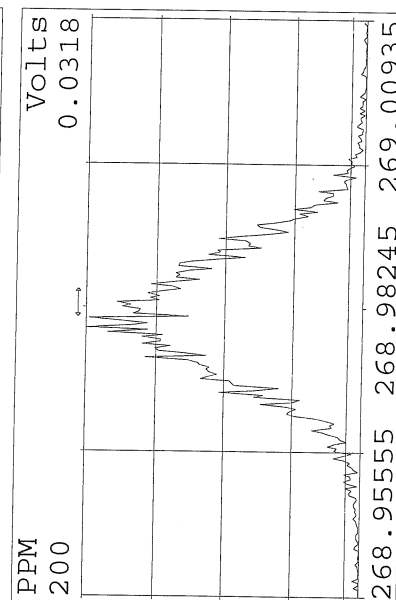
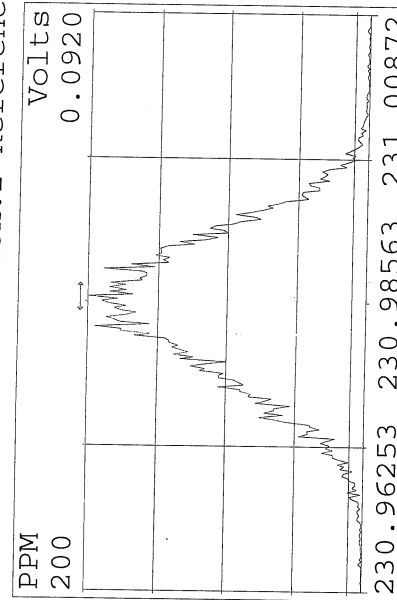
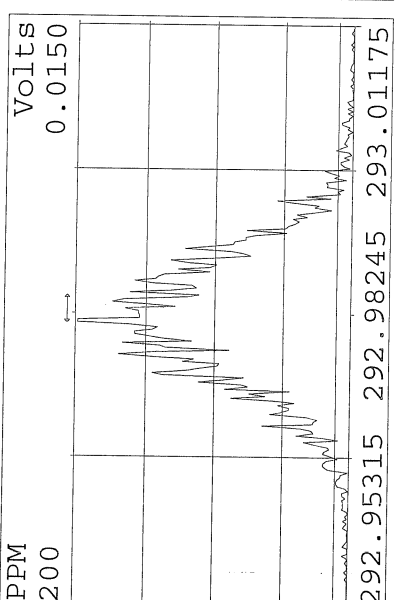
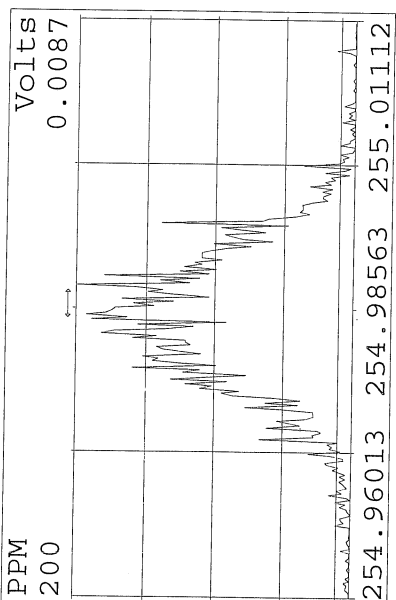
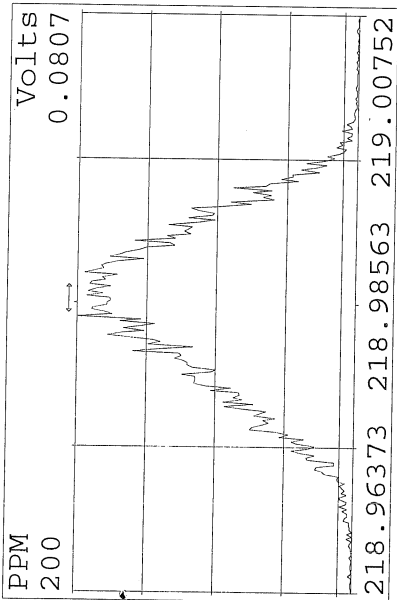
2016-02-19

FEB 23 2016

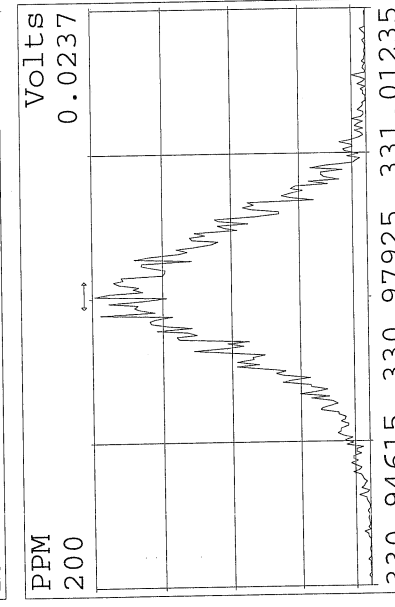
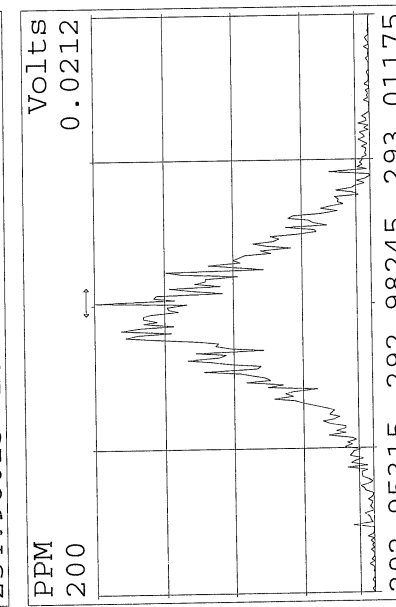
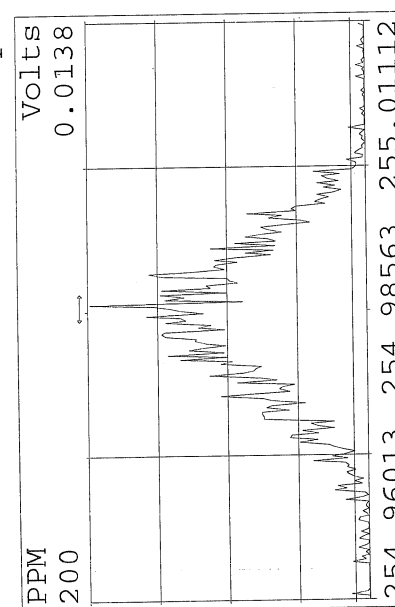
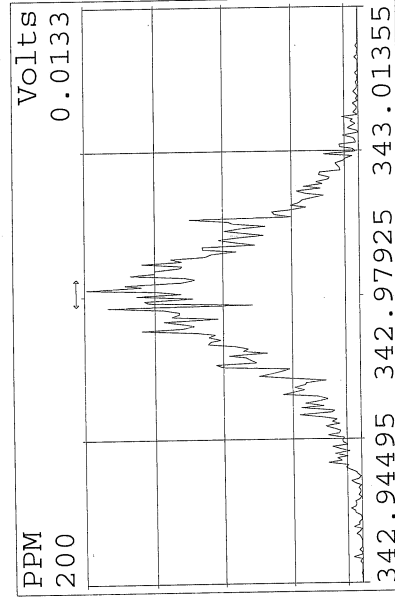
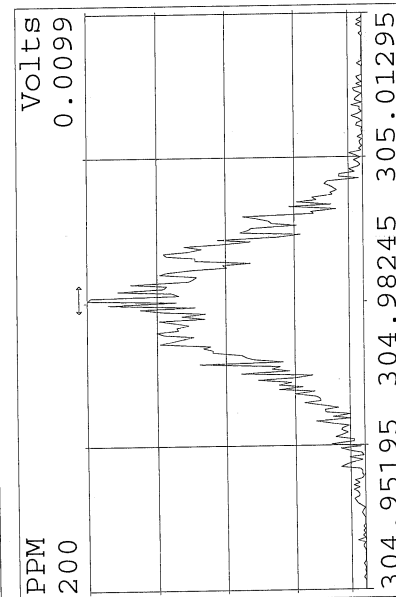
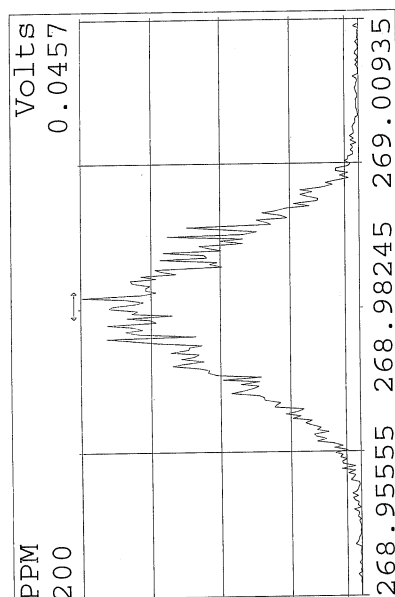
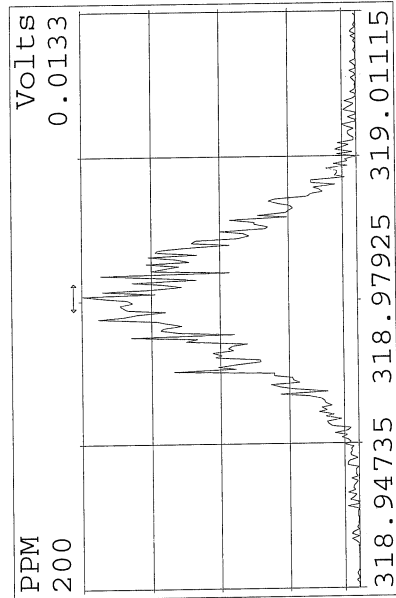
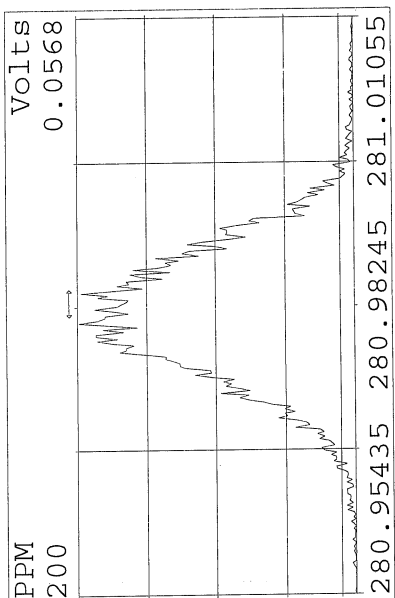
Peak Locate Examination: 18-FEB-2016:18:24 File:M2160218D  
Experiment:1668A Function:1 Reference:PFK



Peak Locate Examination: 18-FEB-2016: 18:24 File: M2160218D  
Experiment: 1668A Function: 2 Reference: PFK

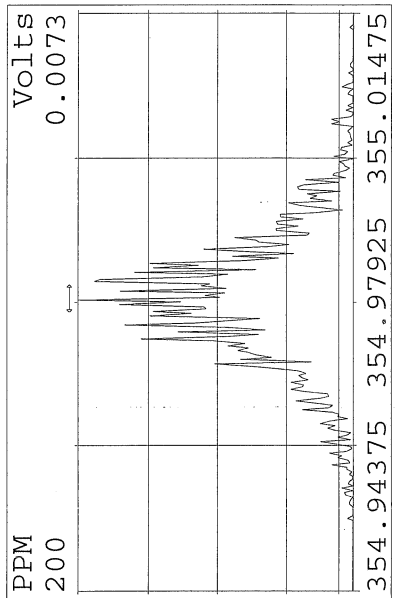
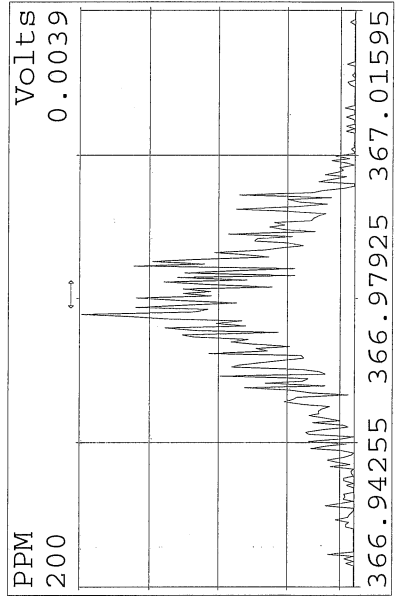
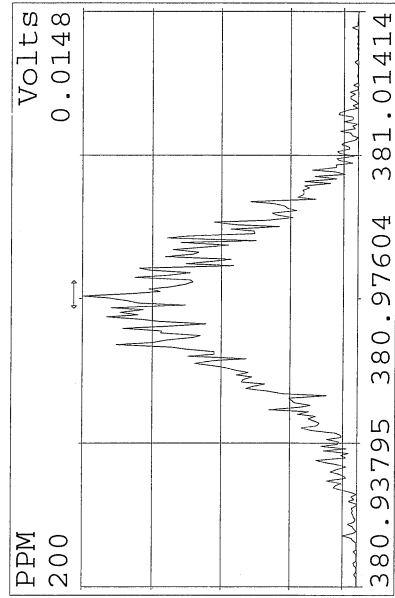
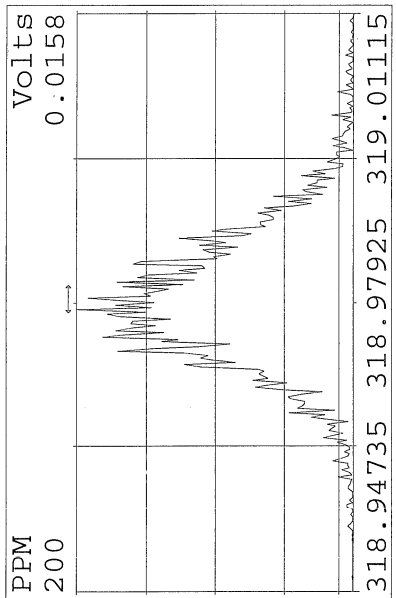
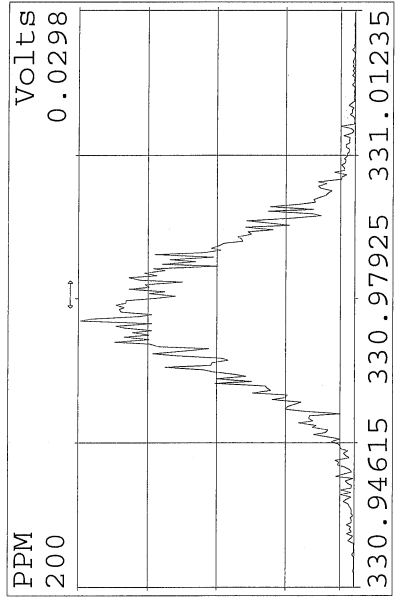
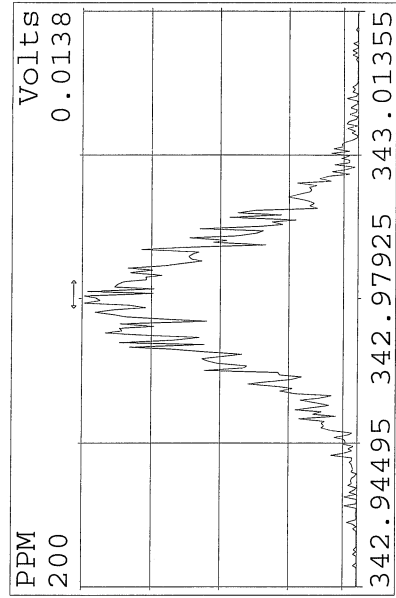
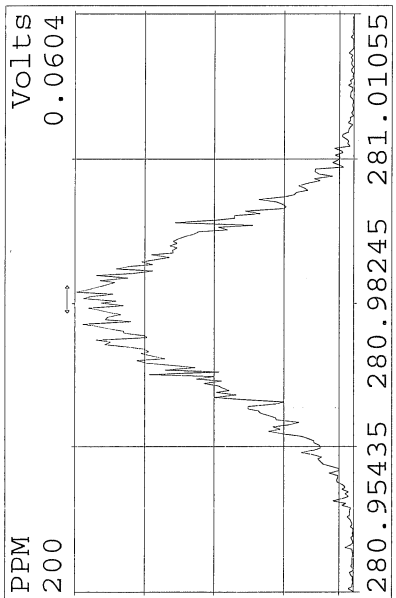
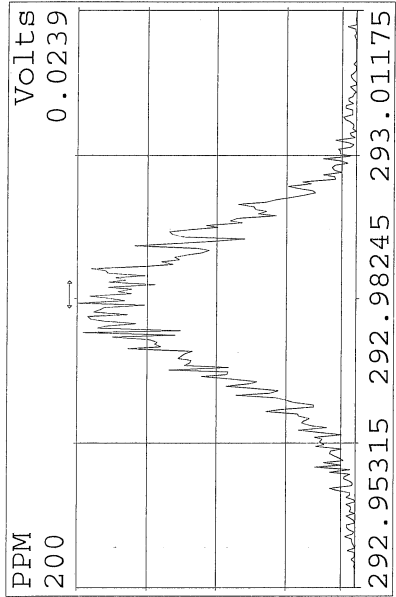
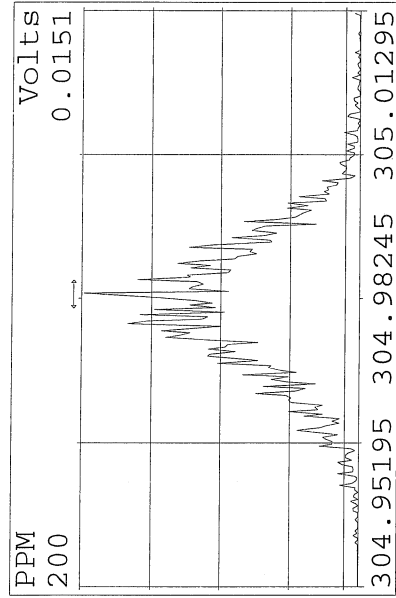


Peak Locate Examination:18-FEB-2016:18:25 File:M2160218D  
Experiment:1668A Function:3 Reference:PFK

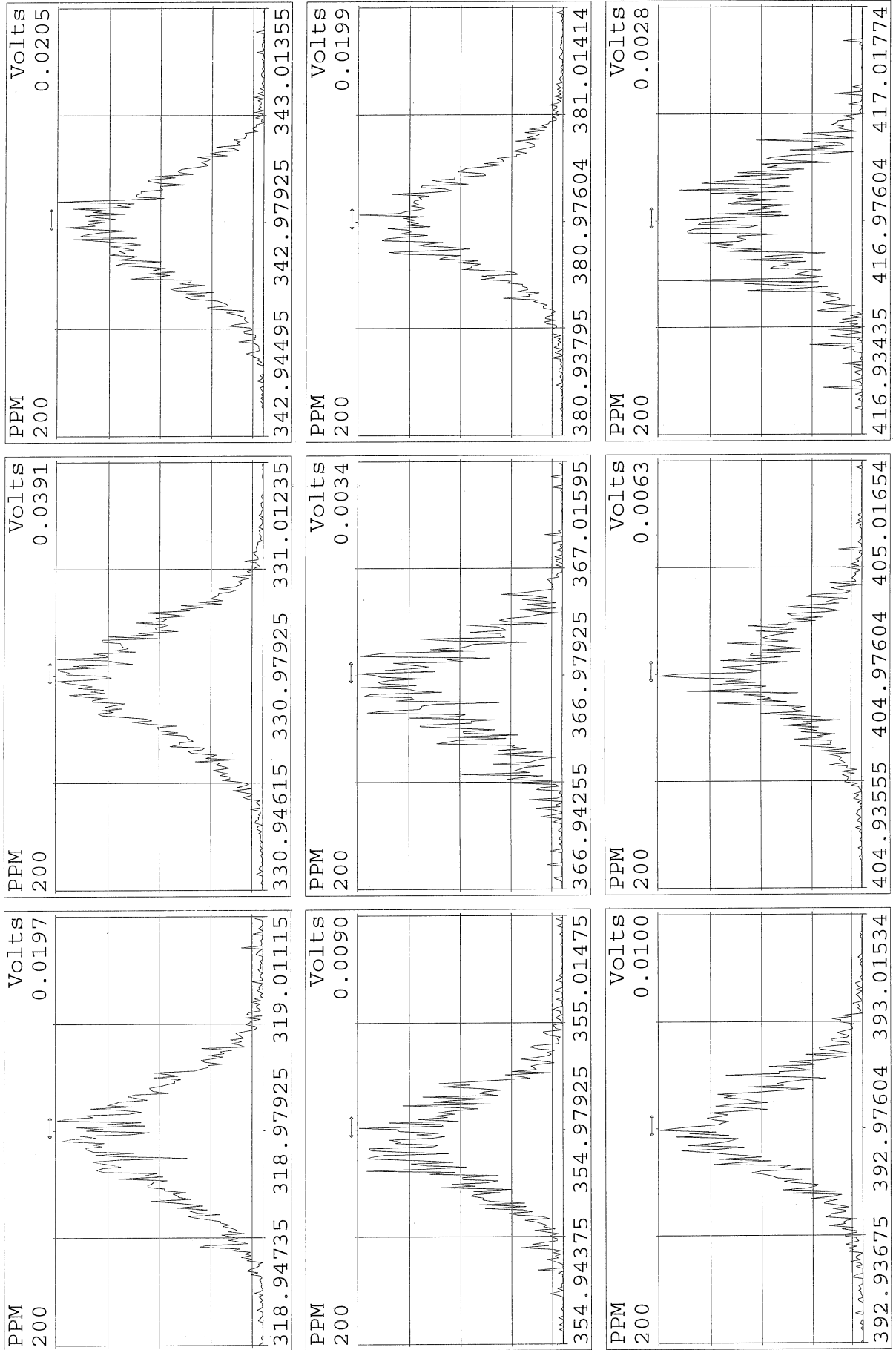




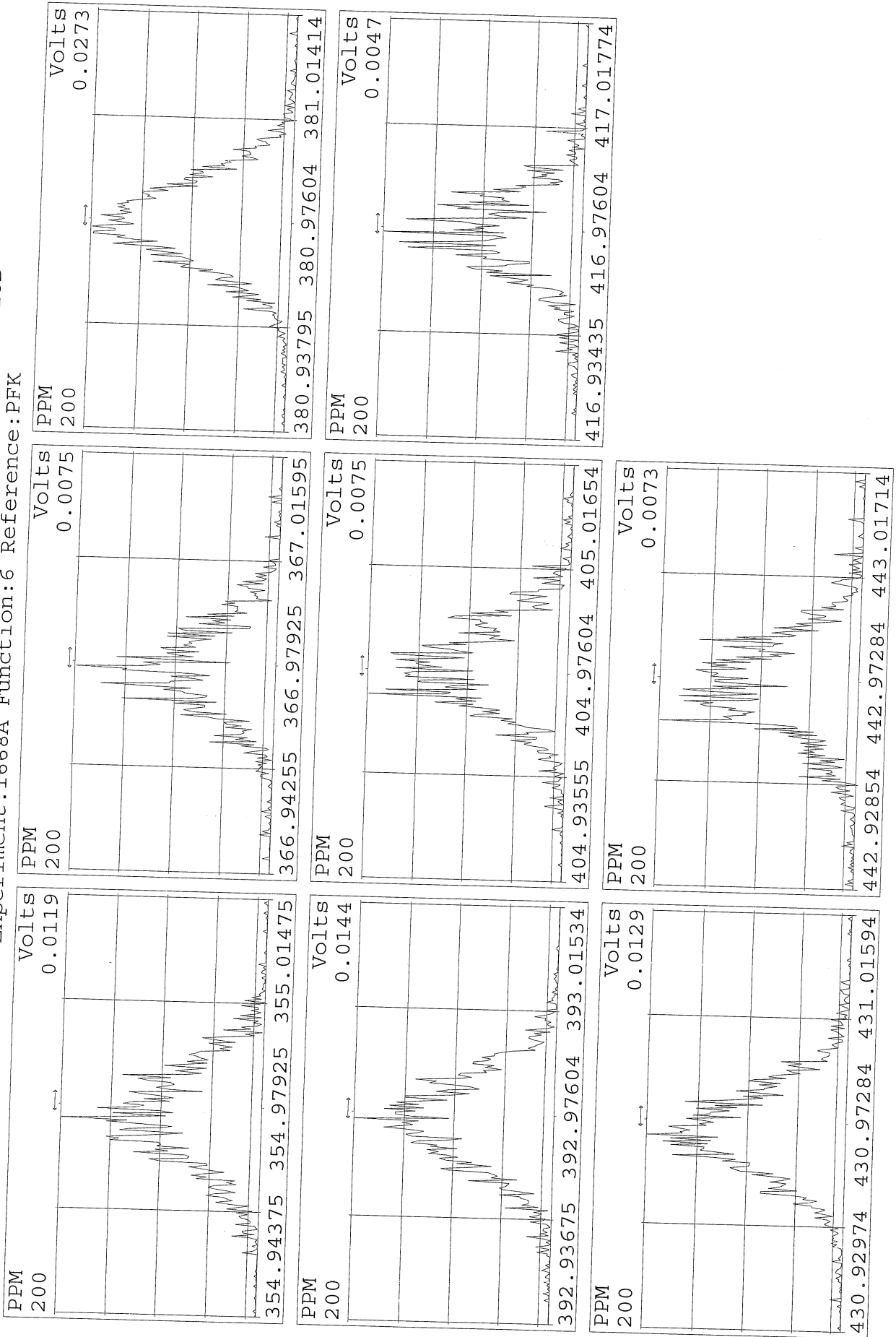
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Experiment:1668A Function:4 Reference:PFK



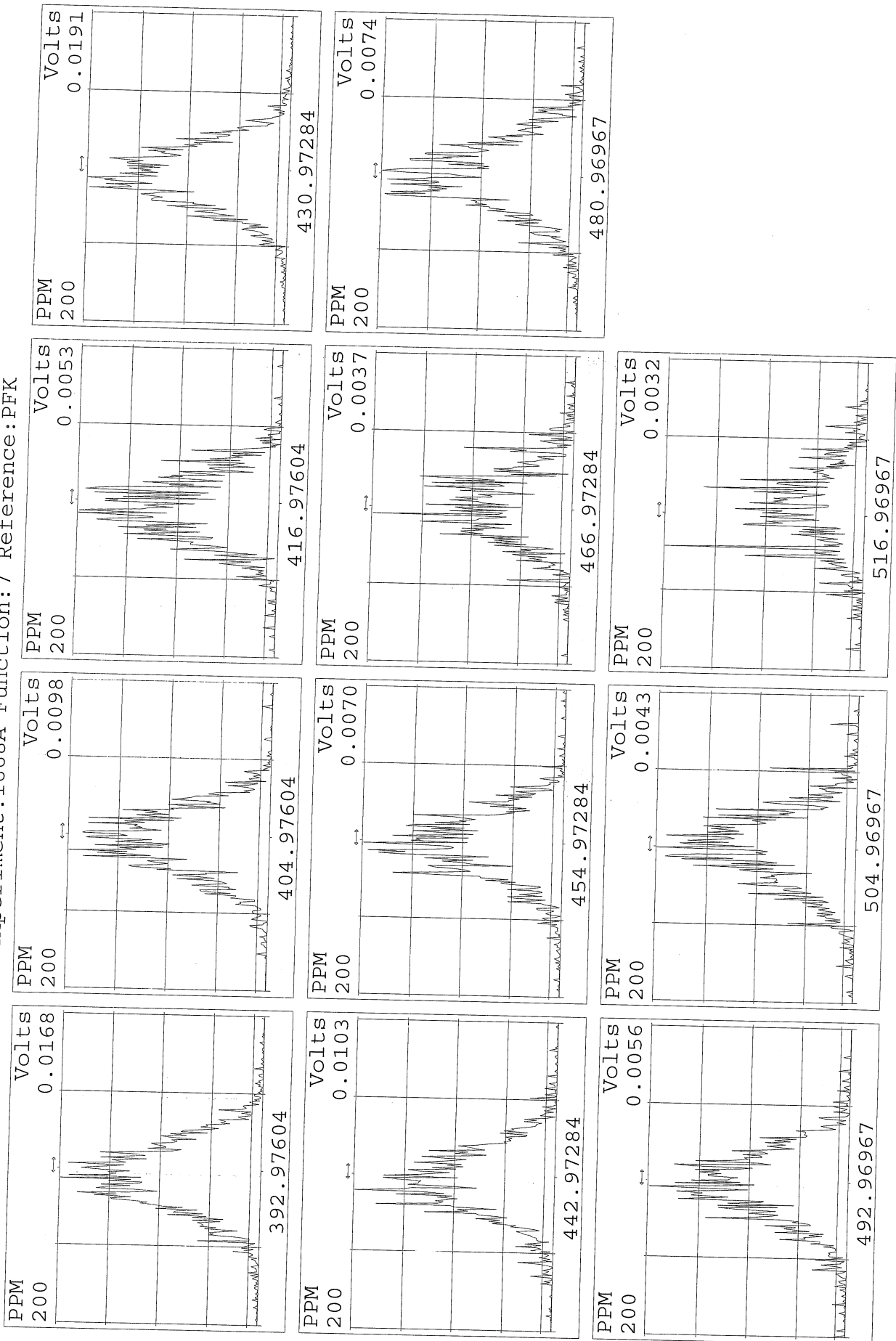
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Experiment:1668A Function:5 Reference:PFK



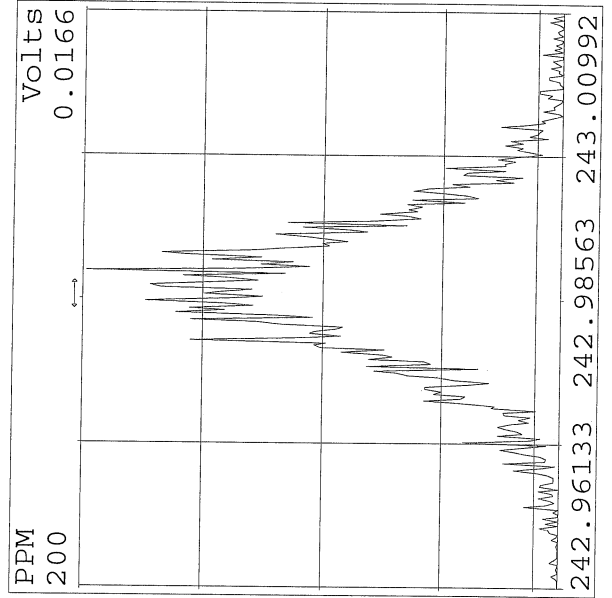
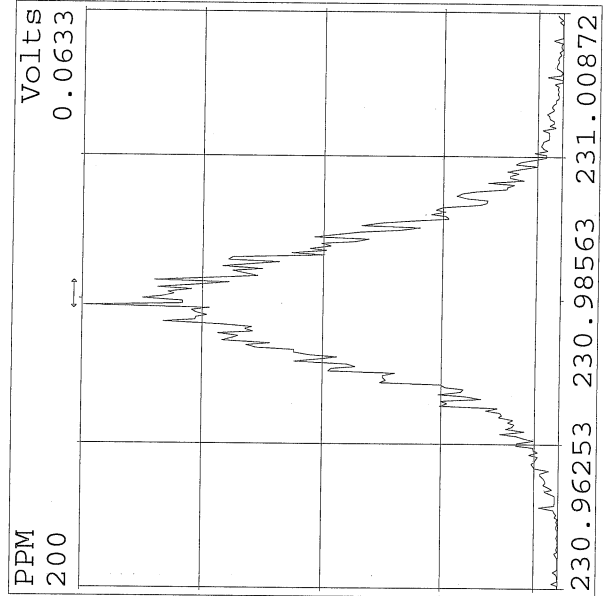
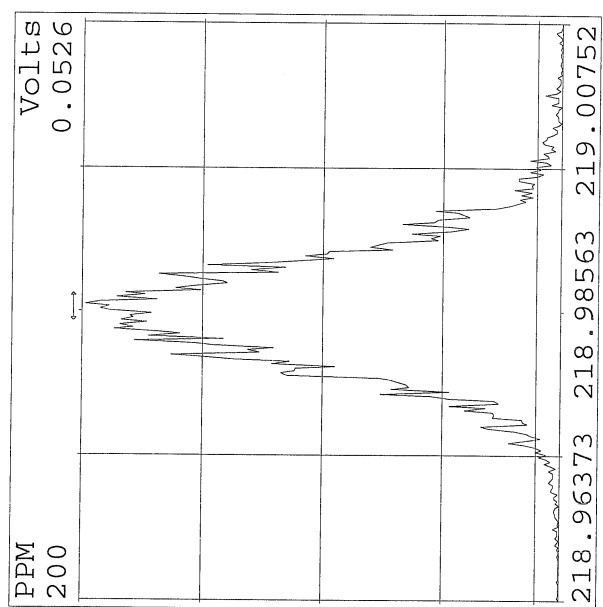
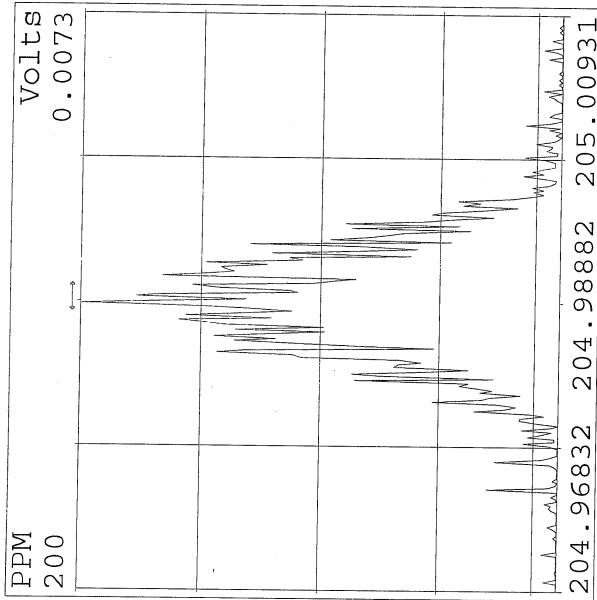
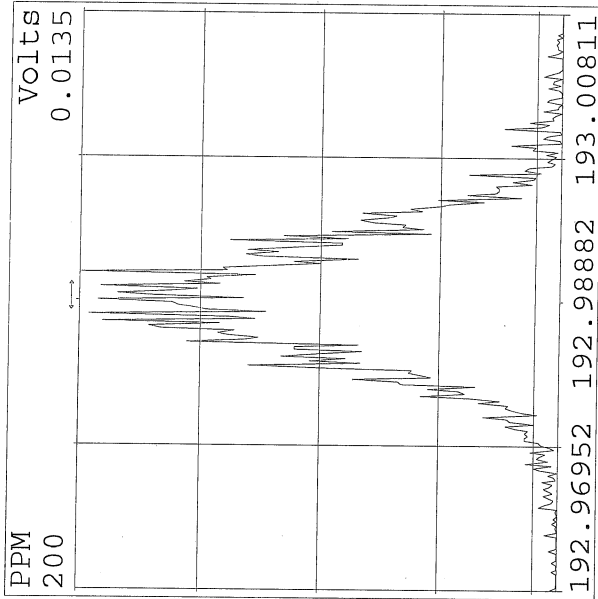
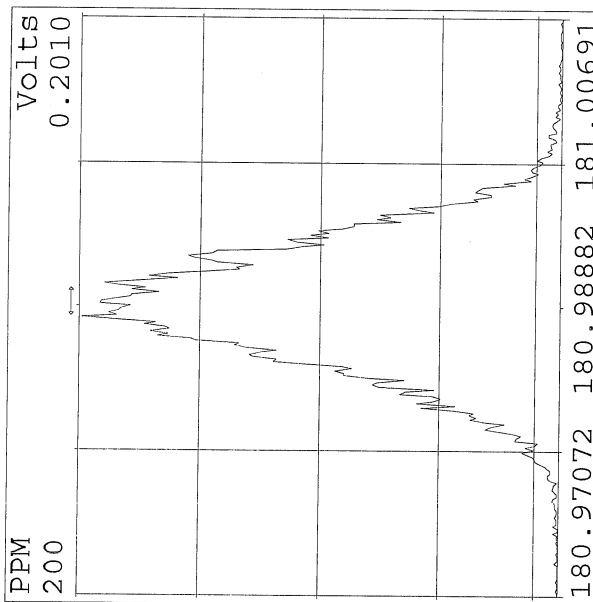
Peak Locate Examination:18-FEB-2016:18:26 File:M2160218D  
Experiment:1668A Function:6 Reference:PFK



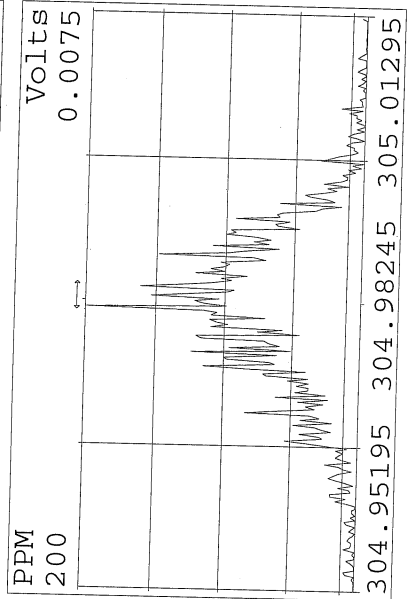
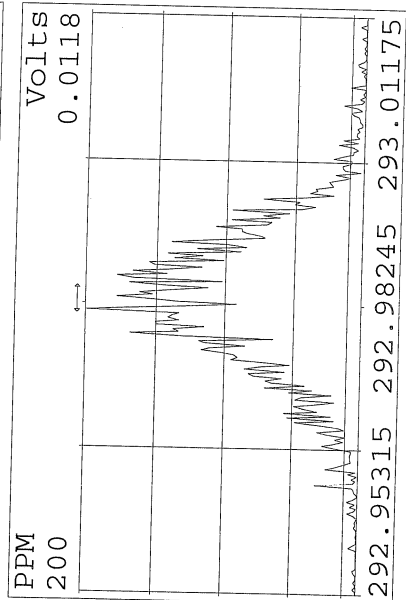
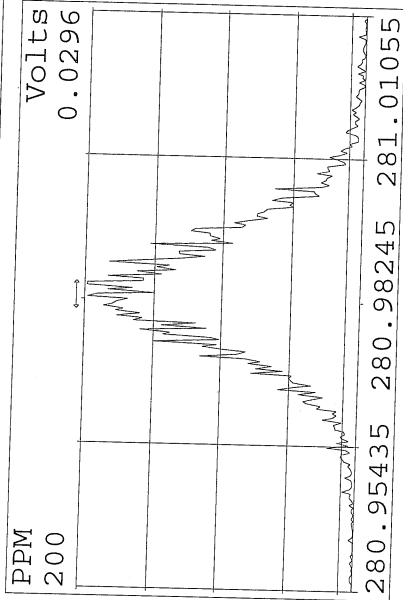
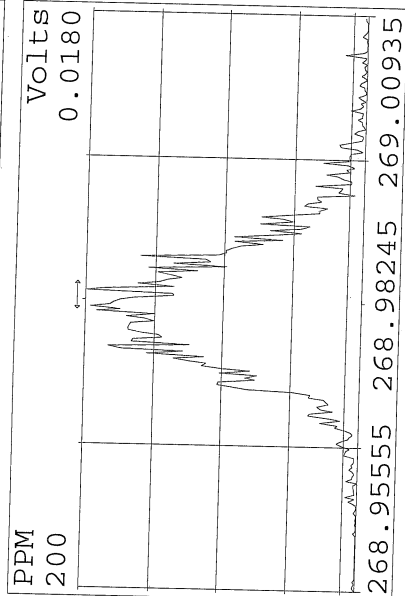
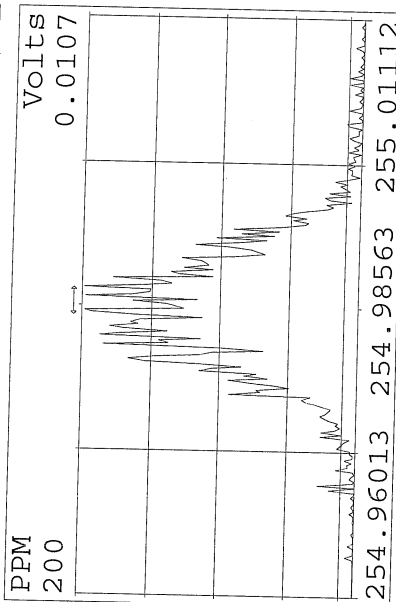
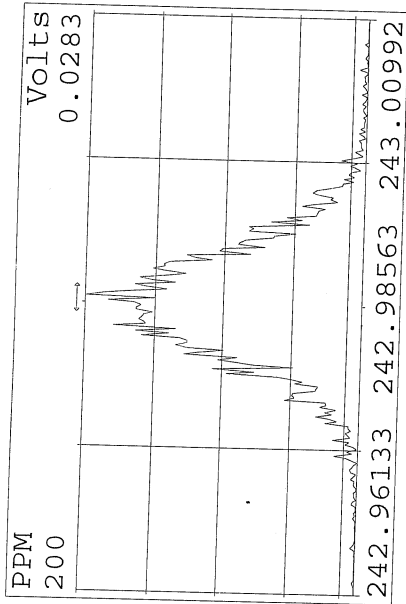
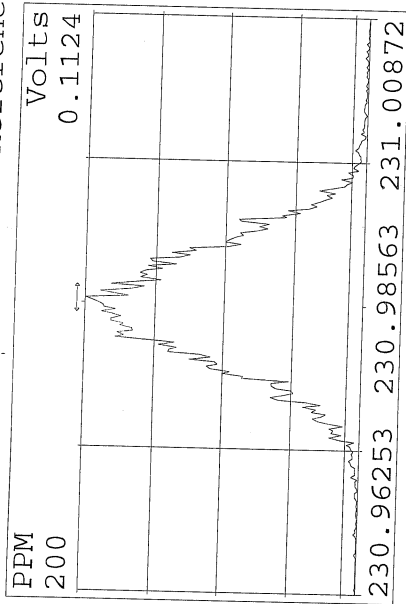
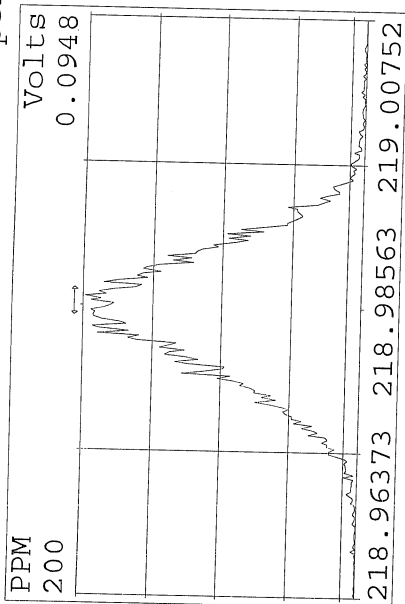
Peak Locate Examination:18-FEB-2016:18:26 File:M2160218D  
Experiment:1668A Function:7 Reference:PFK



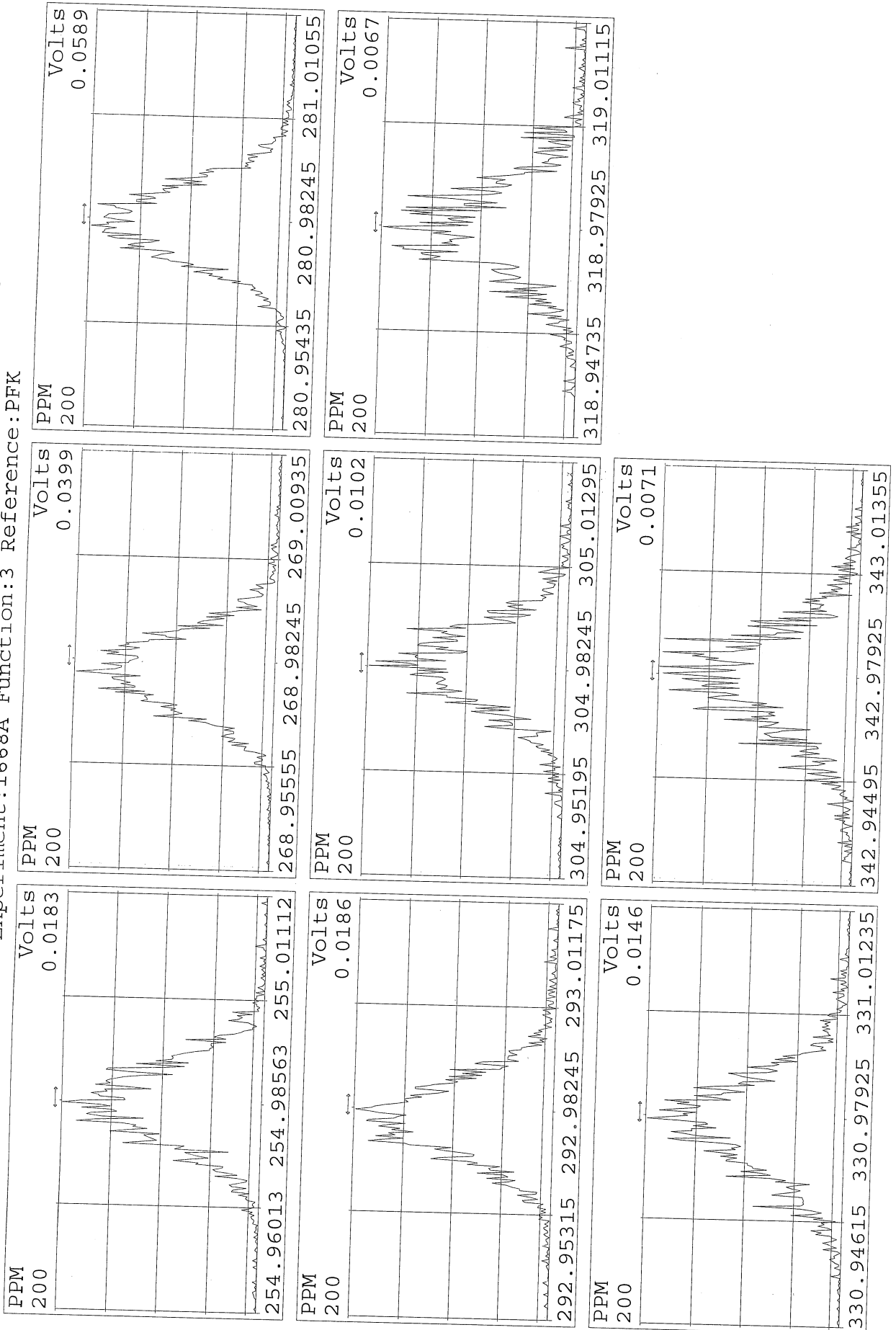
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Experiment:1668A Function:1 Reference:PFK



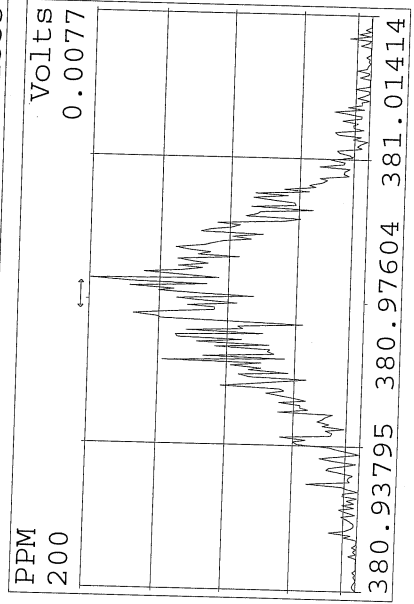
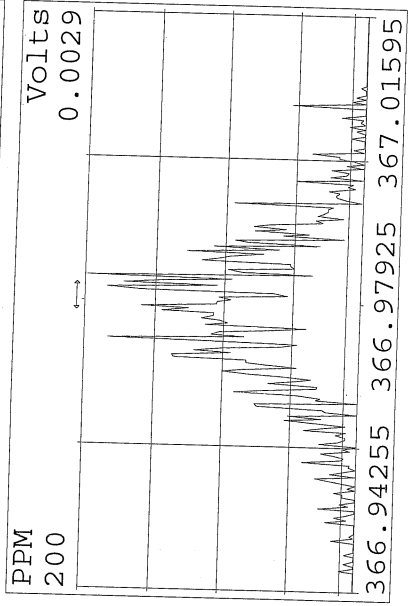
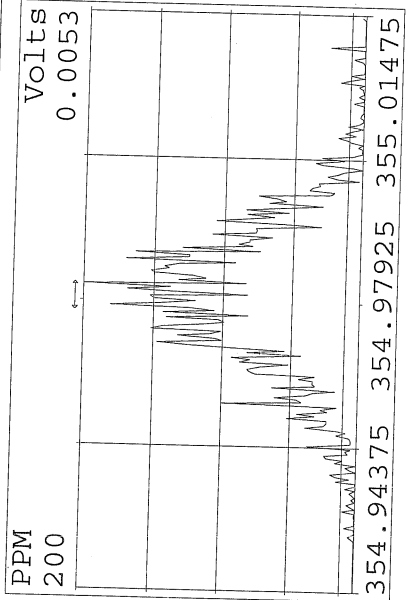
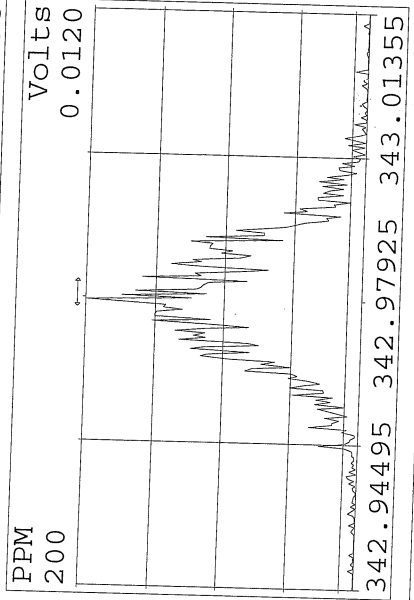
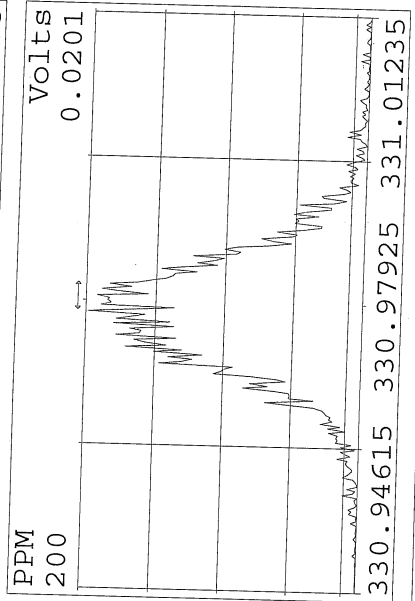
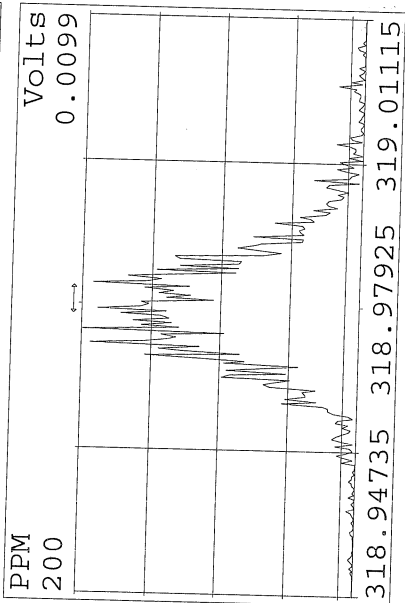
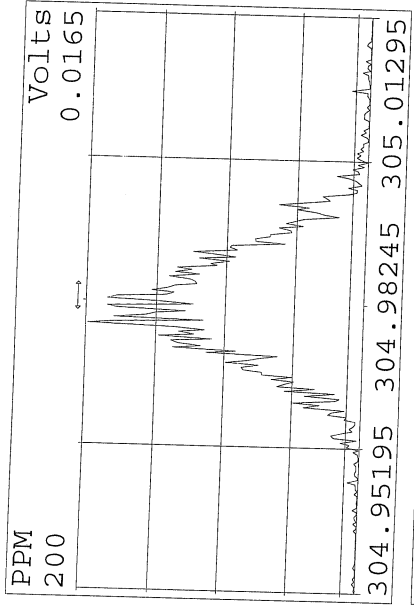
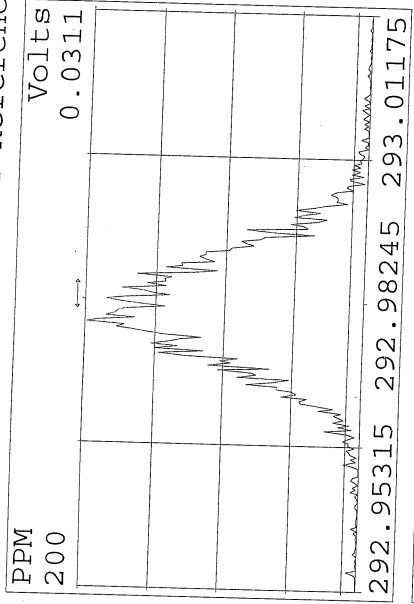
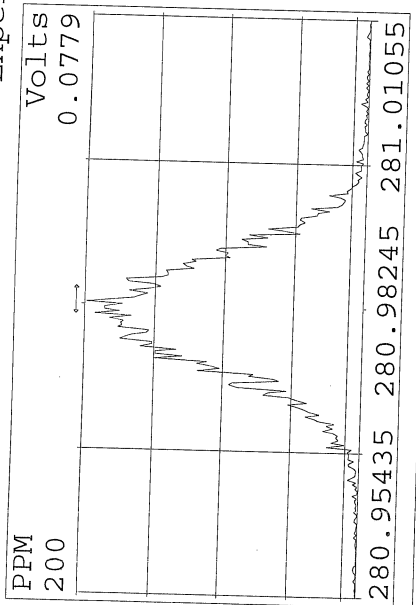
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Experiment: 1668A Function: 2 Reference: PFK



Peak Locate Examination: 19-FEB-2016:09:55 File:M2160219  
 Experiment:1668A Function:3 Reference:PFK

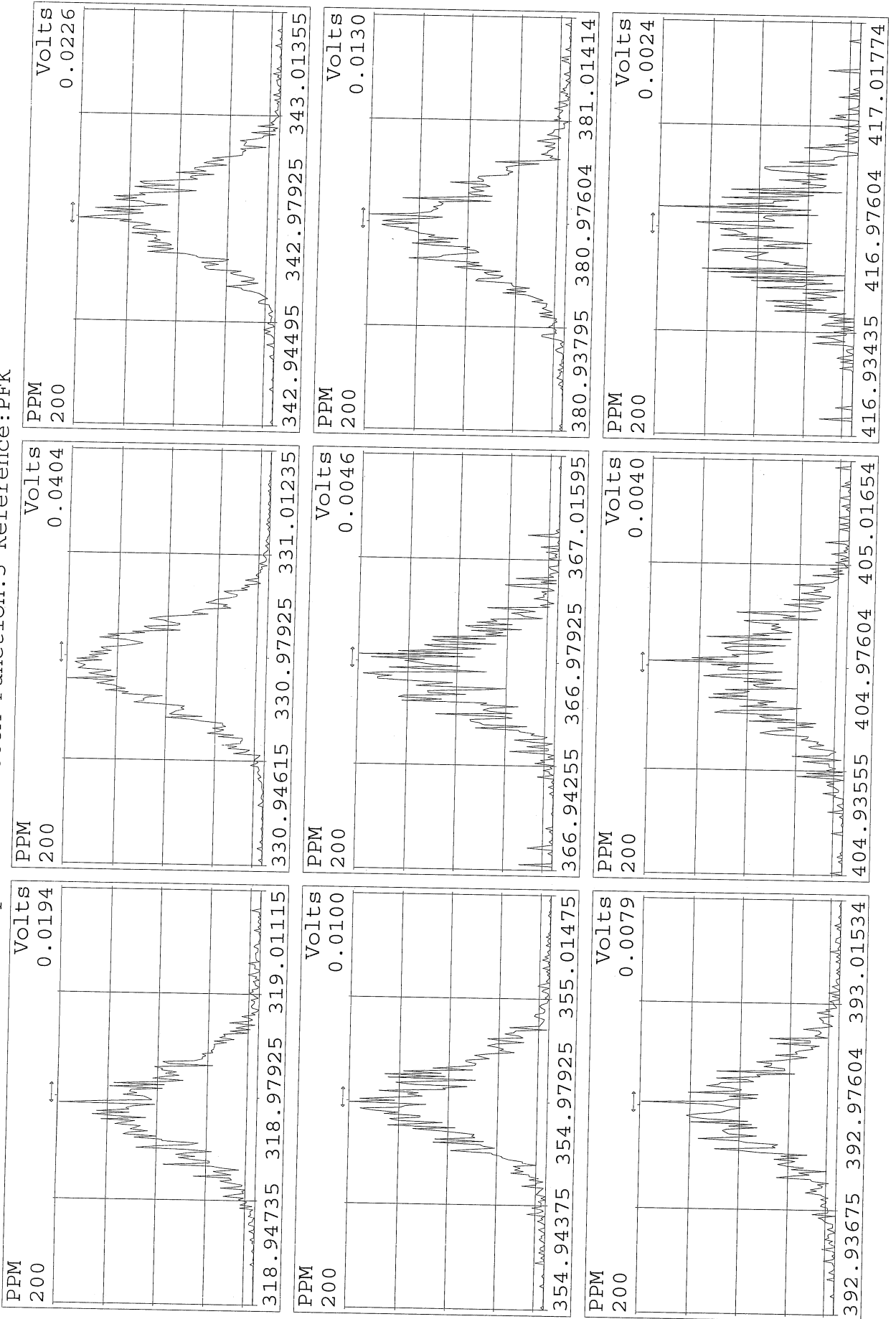


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 Experiment: 1668A Function: 4 Reference: PFK

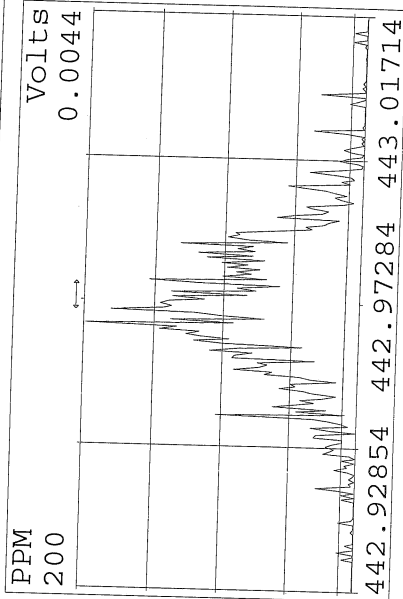
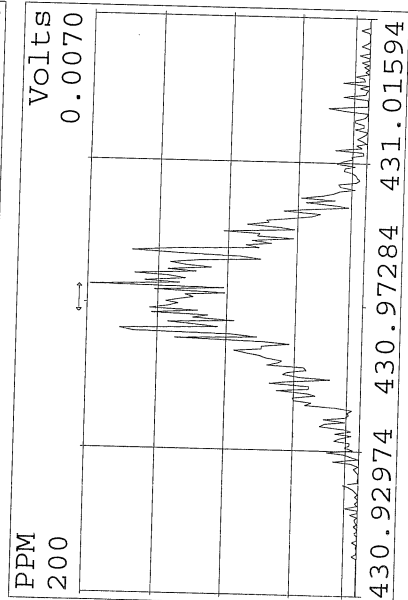
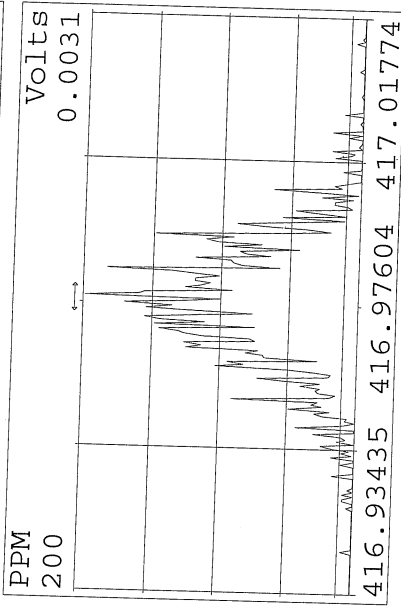
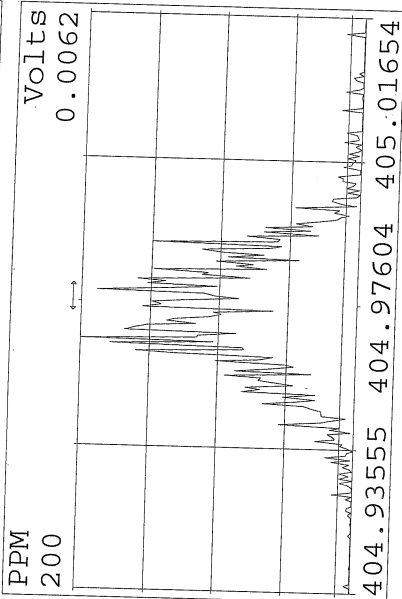
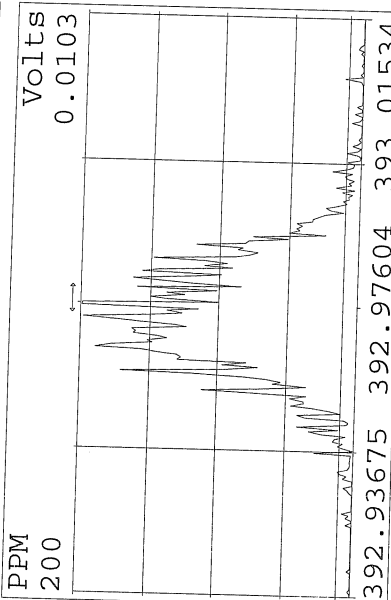
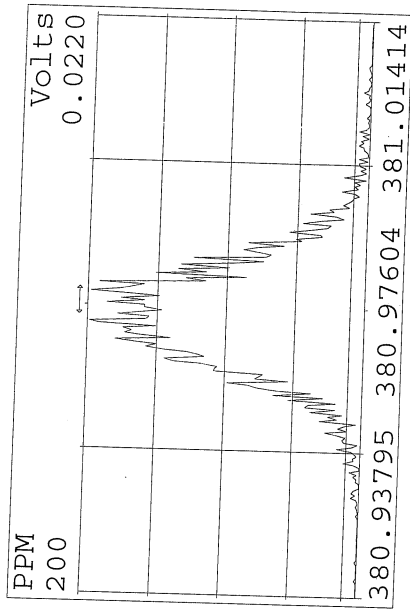
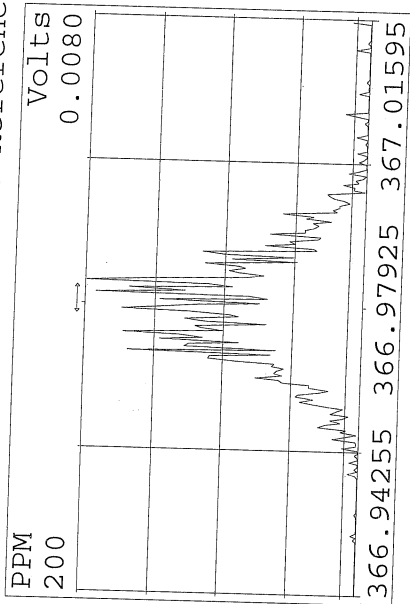
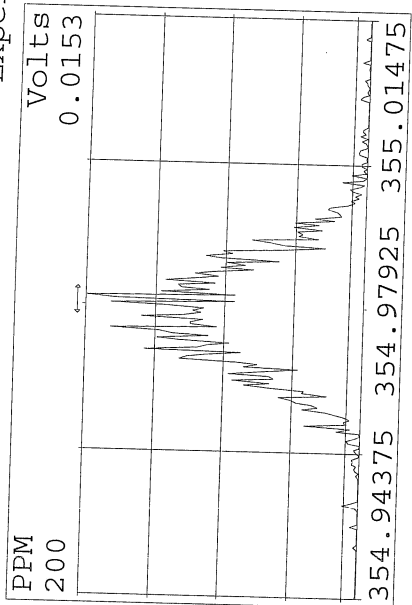




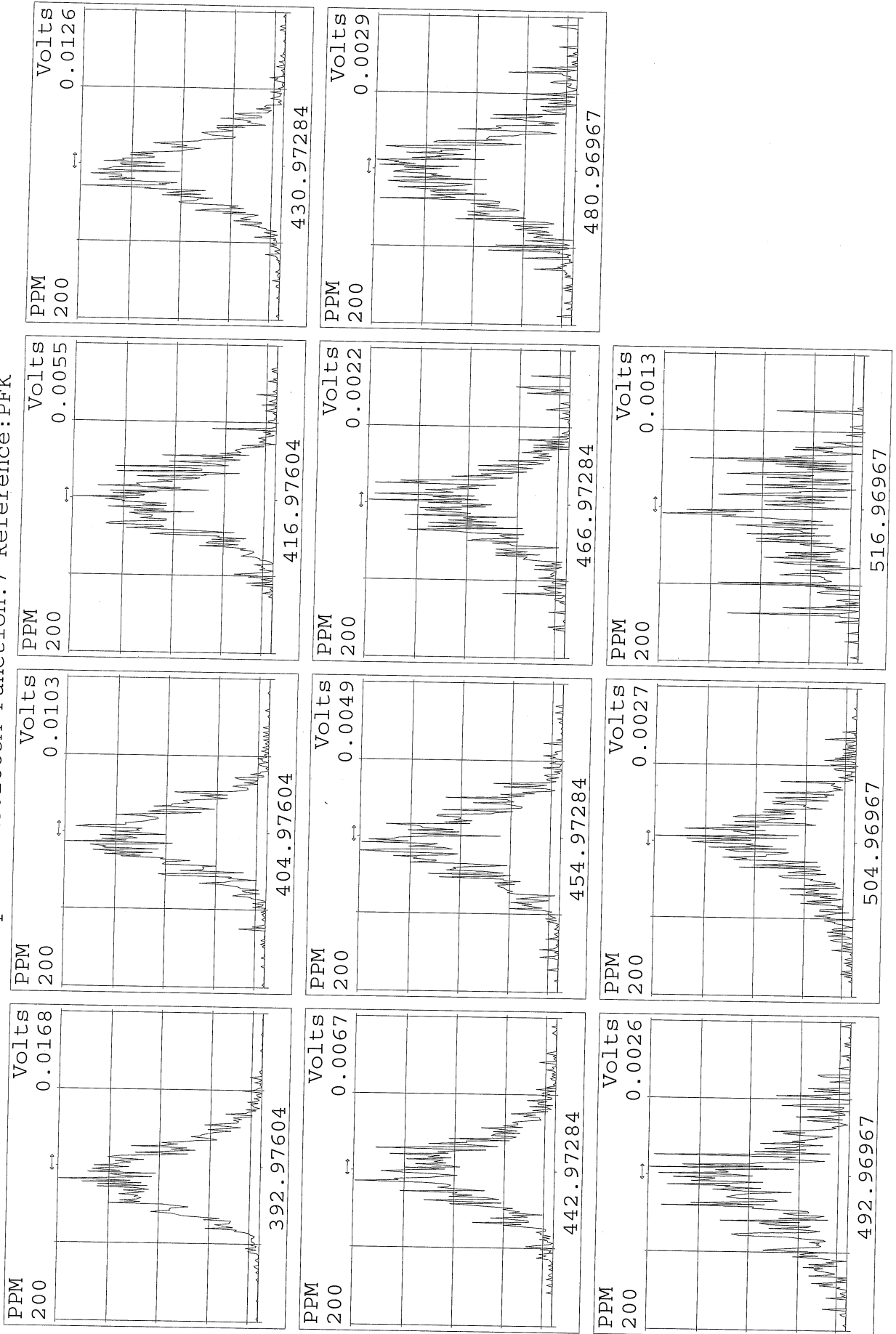
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Experiment:1668A Function:5 Reference:PFK



Peak Locate Examination:19-FEB-2016:09:56 File:M2160219  
Experiment:1668A Function:6 Reference:PFK



Peak Locate Examination:19-FEB-2016:09:56 File:M2160219  
Experiment:1668A Function:7 Reference:PFK



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 4:30:55 PM 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: 19-FEB-2016

Time: 23:00:55

Instrument: Autospec-UltimaE

Description: CS3\_PCB 150417CXU

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1	PCB 1	9.00	1.001	1352854	420660	3.22	YES	bb	51.633	3.3	103	29	1.117
2	PCB 3	10.19	1.000	1373914	428055	3.21	YES	bd	51.826	3.7	104	30	1.118
3	PCB 4	10.30	1.000	604587	382987	1.58	YES	bb	52.540	5.1	105	31	1.002
4	PCB 15	12.95	1.002	1397004	881770	1.58	YES	db	60.426	20.9	121	32	1.052
5	PCB 19	11.68	1.000	457007	441107	1.04	YES	bb	57.645	15.3	115	33	1.036
6	PCB 37	16.70	1.001	1000065	980589	1.02	YES	bb	55.546	11.1	111	34	1.006
7	PCB 54	13.08	1.002	385509	494961	0.78	YES	bb	55.240	10.5	110	35	1.006
8	PCB 81	21.44	1.001	775760	1007227	0.77	YES	bb	57.987	16.0	116	36	1.191
9	PCB 77	21.89	1.001	776551	1007167	0.77	YES	bb	56.439	12.9	113	37	1.216
10	PCB 104	15.94	1.001	540175	334923	1.61	YES	bb	52.228	4.5	104	38	1.143
11	PCB 123	23.53	1.002	947909	604031	1.57	YES	bd	55.783	11.6	112	39	0.998
12	PCB 118	23.81	1.001	1025317	654950	1.57	YES	db	56.124	12.2	112	40	1.102
13	PCB 114	24.27	1.001	996682	636841	1.57	YES	bb	55.102	10.2	110	41	1.113
14	PCB 105	24.85	1.001	975052	625048	1.56	YES	bb	56.142	12.3	112	42	1.096
15	PCB 126	27.71	1.001	1014316	639572	1.59	YES	bd	57.698	15.4	115	43	1.127
16	PCB 155	19.63	1.001	470071	364523	1.29	YES	bb	52.844	5.7	106	44	1.053
17	PCB 167	29.53	1.001	892942	711070	1.26	YES	db	54.746	9.5	109	45	1.036
18	PCB 156/157	30.72	1.001	1822689	1452485	1.25	YES	bb	109.581	9.6	110	46	1.115
19	PCB 169	34.12	1.001	887994	703002	1.26	YES	bb	53.283	6.6	107	47	1.017
20	PCB 188	24.24	1.001	411346	378120	1.09	YES	bb	54.834	9.7	110	48	1.110
21	PCB 193/180	32.13	1.001	421800	389779	1.08	YES	bb	50.774	1.5	102	49	1.156
22	PCB 170	33.45	1.001	416188	379997	1.10	YES	bb	50.388	0.8	101	50	1.281
23	PCB 189	36.87	1.001	713188	713935	1.00	YES	bb	49.810	-0.4	100	51	0.940
24	PCB 202	29.28	1.001	330176	366460	0.90	YES	bb	53.114	6.2	106	52	1.049
25	PCB 205	39.76	1.001	495011	535517	0.92	YES	bb	52.257	4.5	105	53	1.140
26	PCB 208	36.32	1.001	272438	347270	0.78	YES	bb	50.493	1.0	101	54	1.034
27	PCB 206	41.73	1.001	203683	262441	0.78	YES	bb	48.883	-2.2	98	55	1.004
28	PCB 209	43.59	1.001	235659	193620	1.22	YES	bb	46.656	-6.7	93	56	0.970
29	PCB 1L	8.99	0.804	2420792	754216	3.21	YES	bb	110.805	10.8	111	63	0.913
30	PCB 3L	10.19	0.911	2449698	773711	3.17	YES	bb	108.723	8.7	109	63	0.927
31	PCB 4L	10.30	0.921	1206133	764254	1.58	YES	bb	104.394	4.4	104	63	0.566
32	PCB 15L	12.93	1.157	2689789	1642313	1.64	YES	bb	115.927	15.9	116	63	1.245
33	PCB 19L	11.68	1.045	900408	833297	1.08	YES	bb	86.198	-13.8	86	63	0.498
34	PCB 37L	16.68	1.086	2031509	1906329	1.07	YES	bb	113.896	13.9	114	64	2.263
35	PCB 54L	13.06	0.850	776400	974060	0.80	YES	bb	77.528	-22.5	78	64	1.006
36	PCB 81L	21.43	1.394	1335752	1658336	0.81	YES	bb	98.992	-1.0	99	64	1.720
37	PCB 77L	21.87	1.423	1307484	1626342	0.80	YES	bb	100.516	0.5	101	64	1.686
38	PCB 104L	15.93	0.806	942380	588698	1.60	YES	bb	93.186	-6.8	93	65	1.077
39	PCB 123L	23.49	1.188	1926107	1184249	1.63	YES	bd	113.012	13.0	113	65	2.188
40	PCB 118L	23.78	1.203	1885665	1164631	1.62	YES	db	112.577	12.6	113	65	2.145
41	PCB 114L	24.26	1.227	1828581	1105837	1.65	YES	bb	116.423	16.4	116	65	2.064
42	PCB 105L	24.83	1.256	1811371	1107245	1.64	YES	bb	112.646	12.6	113	65	2.053
43	PCB 126L	27.70	1.401	1816602	1118491	1.62	YES	bb	118.956	19.0	119	65	2.064
44	PCB 155L	19.61	0.737	887126	697615	1.27	YES	bb	87.278	-12.7	87	66	1.225

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 4:30:55 PM Eastern Standard Time

ID:

Date: 19-FEB-2016

Time: 23:00:55

Instrument: Autospec-UltimaE

Description: CS3\_PCB 150417CXU

# Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45 PCB 167L	29.52	1.110	1740820	1356779	1.28	YES	db	113.485	13.5	113	66	2.394
46 PCB 156L/157L	30.68	1.154	3313633	2563611	1.29	YES	bb	236.500	18.3	118	66	2.271
47 PCB 169L	34.10	1.282	1766659	1361822	1.30	YES	bb	128.203	28.2	128	66	2.418
48 PCB 188L	24.22	0.911	731200	691588	1.06	YES	bb	82.728	-17.3	83	66	1.100
49 PCB 180L	32.11	0.820	725534	677987	1.07	YES	bb	88.403	-11.6	88	67	1.192
50 PCB 170L	33.44	0.853	642995	600236	1.07	YES	bb	89.483	-10.5	89	67	1.056
51 PCB 189L	36.85	0.940	1570404	1465506	1.07	YES	bb	119.536	19.5	120	67	2.579
52 PCB 202L	29.25	0.746	632720	695369	0.91	YES	bb	79.474	-20.5	79	67	1.128
53 PCB 205L	39.73	1.014	872250	936012	0.93	YES	bb	100.304	0.3	100	67	1.536
54 PCB 208L	36.30	0.926	528292	670877	0.79	YES	bb	89.395	-10.6	89	67	1.019
55 PCB 206L	41.71	1.064	406733	522107	0.78	YES	bb	103.873	3.9	104	67	0.789
56 PCB 209L	43.56	1.112	485098	399705	1.21	YES	bb	103.761	3.8	104	67	0.752
57 PCB 28L	14.41	0.938	2061282	1975974	1.04	YES	db	113.752	13.8	114	64	2.320
58 PCB 111L	21.85	1.105	1208508	746836	1.62	YES	bb	102.404	2.4	102	65	1.375
59 PCB 178L	27.00	1.015	421975	404947	1.04	YES	bb	87.211	-12.8	87	66	0.639
60 PCB 31L	14.24	0.927	2008609	1859267	1.08	YES	bd	114.892	14.9	115	64	2.222
61 PCB 95L	17.76	0.898	818886	510854	1.60	YES	bb	98.850	-1.2	99	65	0.935
62 PCB 153L	25.42	0.956	882882	675279	1.31	YES	bb	98.309	-1.7	98	66	1.204
63 PCB 9L	11.18	0.000	2140428	1337907	1.60	YES	bb	185.453	85.5	185	0	34783...
64 PCB 52L	15.36	0.000	775910	964496	0.80	YES	bb	176.589	76.6	177	0	17404...
65 PCB 101L	19.77	0.000	881764	539971	1.63	YES	db	160.068	60.1	160	0	14217...
66 PCB 138L	26.59	0.000	736571	557141	1.32	YES	bb	160.260	60.3	160	0	12937...
67 PCB 194L	39.18	0.000	568609	608685	0.93	YES	bb	180.259	80.3	180	0	11772...
68 Total MoCB F1								103.459			29	
69 Total MoCB labeled ...								219.527			63	
70 Total DiCB F1								52.540			31	
71 Total DiCB labeled F1								104.394			63	
72 Total DiCB F2								60.426			32	
73 Total DiCB labeled F2								301.381			63	
74 Total TriCB F2								57.645			33	
75 Total TriCB labeled F2								86.198			63	
76 Total TriCB F3								55.546			34	
77 Total TriCB labeled F3								342.540			64	
78 Total TeCB F2								55.240			35	
79 Total TeCB labeled F2								77.528			64	
80 Total TeCB F3											35	
81 Total TeCB labeled F3								176.589			64	
82 Total TeCB F4								114.426			36	
83 Total TeCB labeled F4								199.508			64	
84 Total PeCB F3								52.228			38	
85 Total PeCB labeled F3								93.186			65	
86 Total PeCB F4											39	
87 Total PeCB labeled F4								361.322			65	
88 Total PeCB F5								280.849			39	
89 Total PeCB labeled F5								573.615			65	
90 Total HxCB F4								52.844			44	
91 Total HxCB labeled F4								87.278			66	
92 Total HxCB F5											45	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 4:30:55 PM Eastern Standard Time

**ID:**

**Date: 19-FEB-2016**

**Time: 23:00:55**

**Instrument: Autospec-UltimaE**

**Description: CS3\_PCB 150417CXU**

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio	Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5									258.570			66	
94	Total HxCB F6									217.611			45	
95	Total HxCB labeled F6									478.188			66	
96	Total HpCB F5									54.834			48	
97	Total HpCB labeled ...									169.939			67	
98	Total HpCB F6									101.163			49	
99	Total HpCB labeled ...									177.886			67	
100	Total HpCB F7									49.810			51	
101	Total HpCB labeled ...									119.536			67	
102	Total OcCB F6									53.114			52	
103	Total OcCB labeled ...									79.474			67	
104	Total OcCB F7									52.257			53	
105	Total OcCB labeled ...									280.563			67	
106	Total NoCB F7									99.376			54	
107	Total NoCB labeled ...									193.268			67	
108	Total DeCB F7									46.656			56	
109	Total DeCB labeled ...									103.761			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\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

Time: 23:00:55

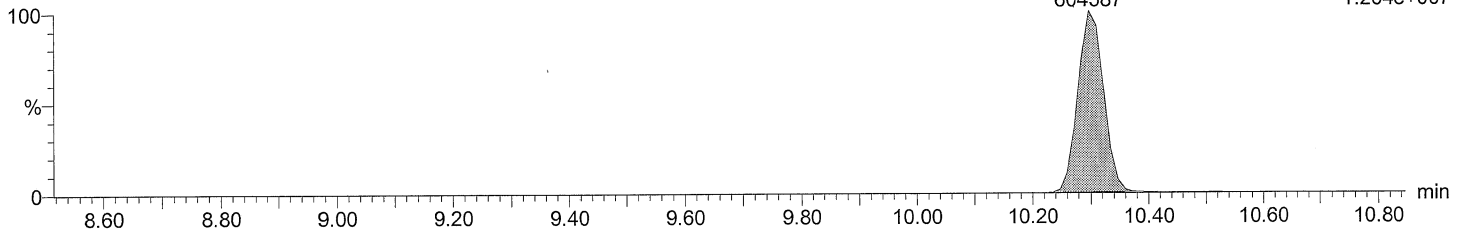
Instrument: Autospec-UltimaE

Total DiCB F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4  
10.30  
604587

F1:SIR of 10 channels,EI+  
222.0003  
1.204e+007

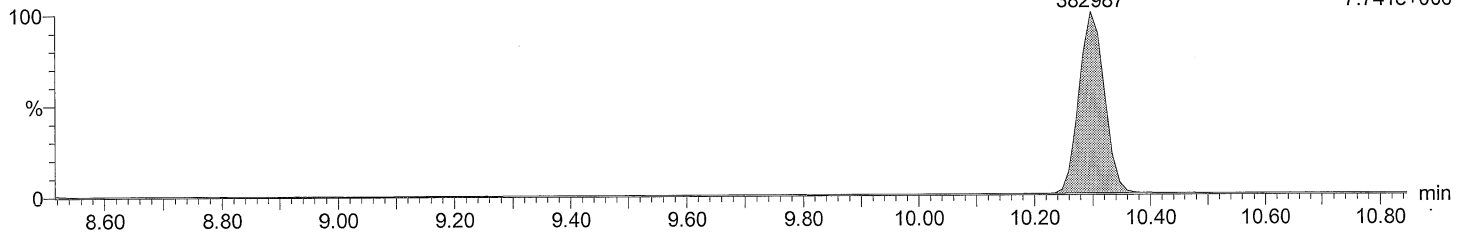


Total DiCB F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4  
10.30  
382987

F1:SIR of 10 channels,EI+  
223.9974  
7.741e+006

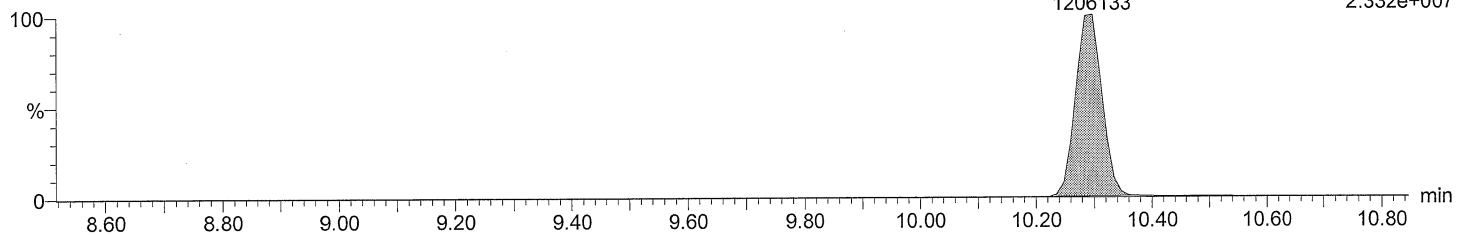


Total DiCB labeled F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4L  
10.30  
1206133

F1:SIR of 10 channels,EI+  
234.0406  
2.332e+007

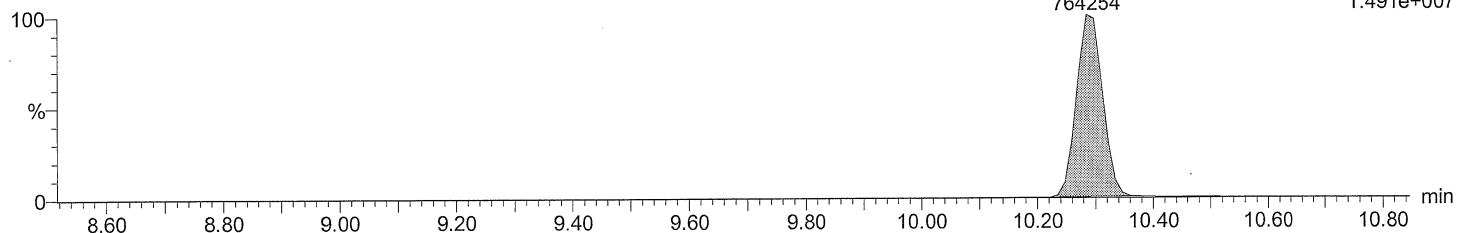


Total DiCB labeled F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 4L  
10.28  
764254

F1:SIR of 10 channels,EI+  
236.0376  
1.491e+007



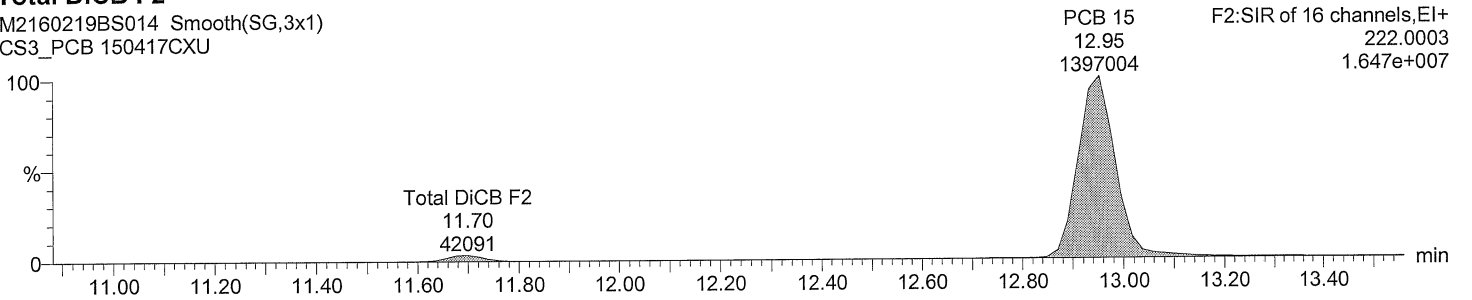
Dataset:- C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 19-FEB-2016  
Time: 23:00:55  
Instrument: Autospec-UltimaE

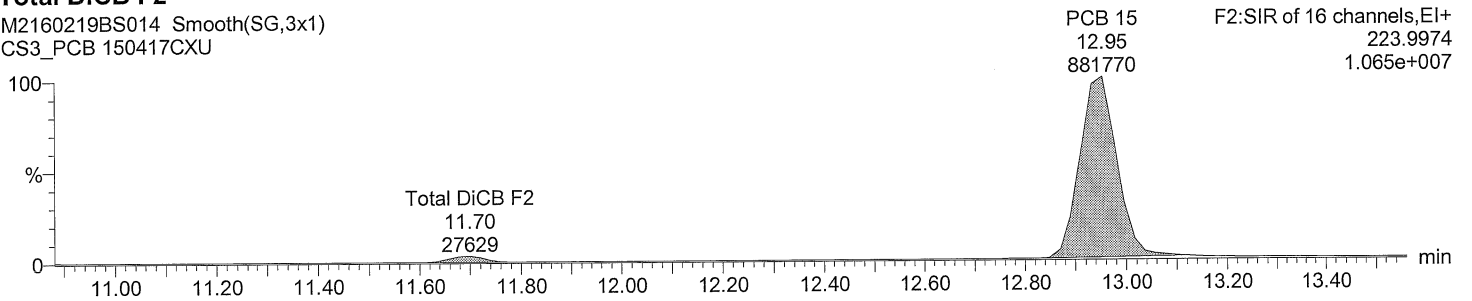
Total DiCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



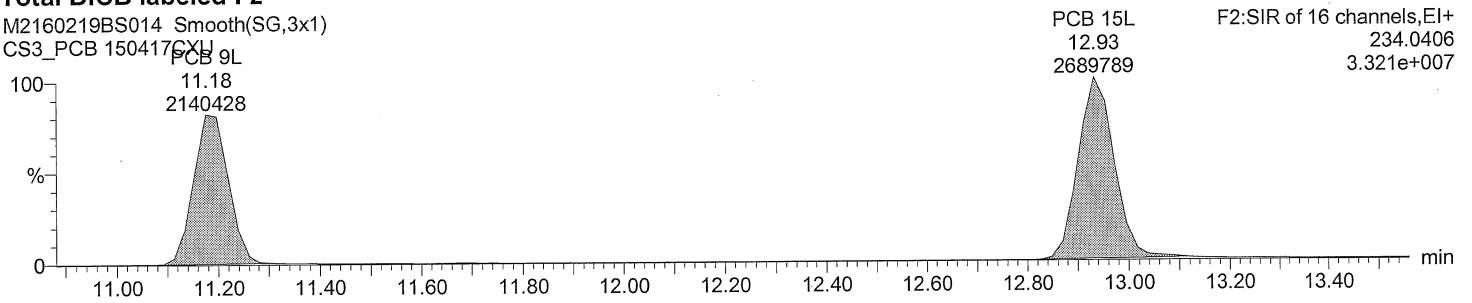
Total DiCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



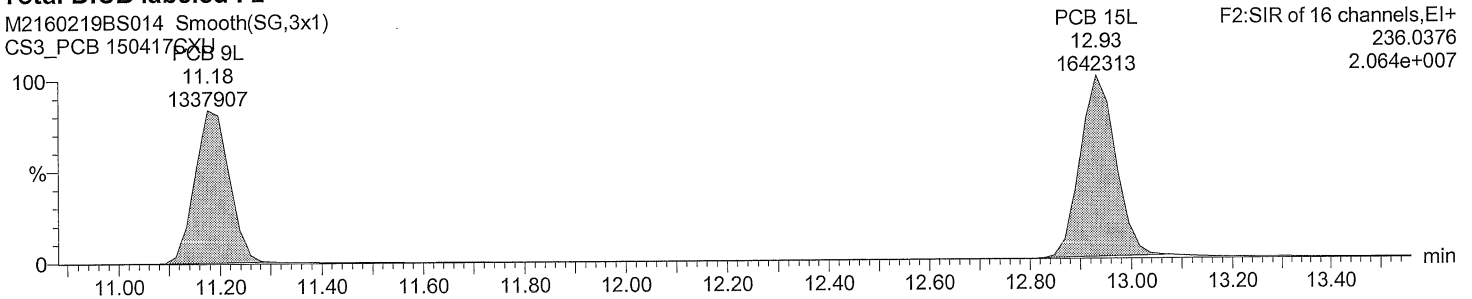
Total DiCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total DiCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU





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Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

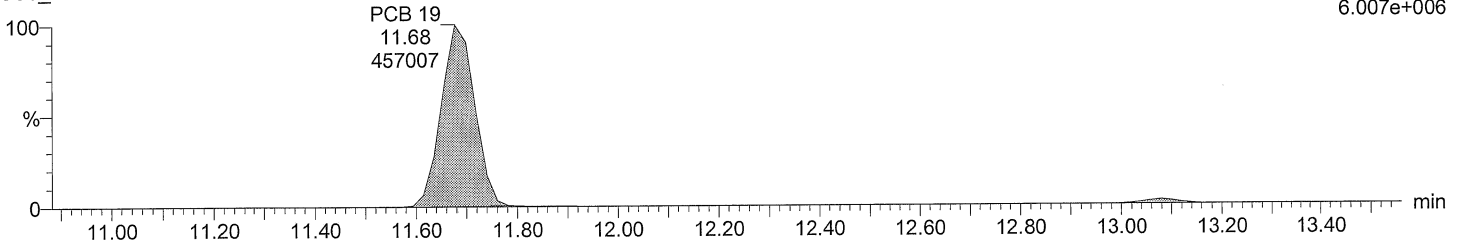
Time: 23:00:55

Instrument: Autospec-UltimaE

Total TriCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

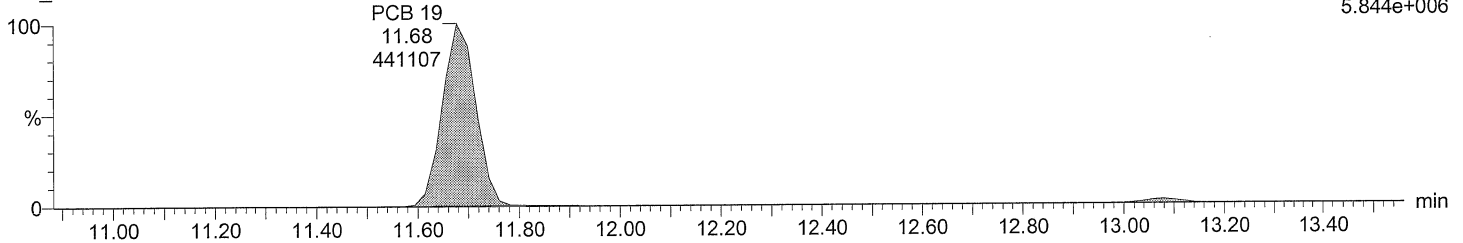
F2:SIR of 16 channels,EI+  
255.9614  
6.007e+006



Total TriCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

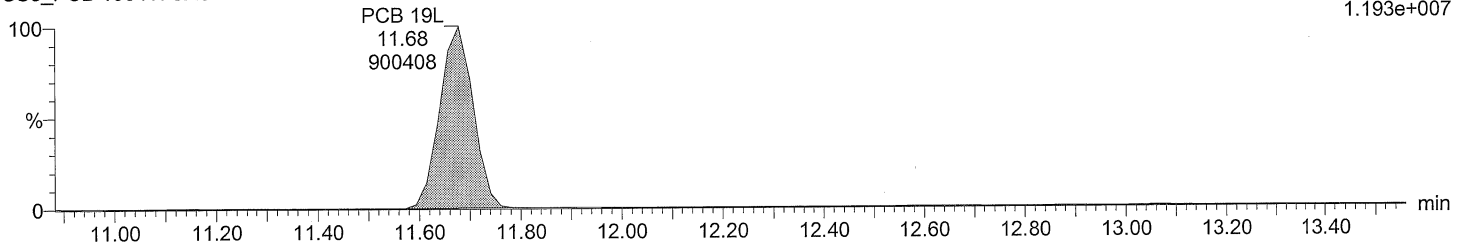
F2:SIR of 16 channels,EI+  
257.9584  
5.844e+006



Total TriCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

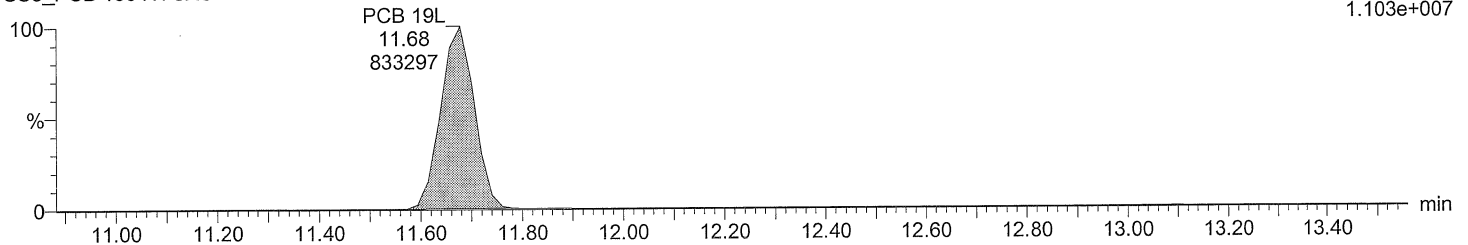
F2:SIR of 16 channels,EI+  
268.0016  
1.193e+007



Total TriCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F2:SIR of 16 channels,EI+  
269.9986  
1.103e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
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Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

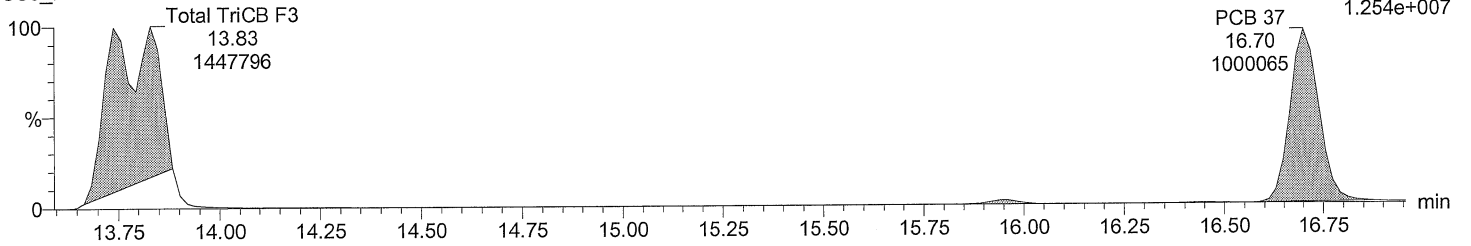
Time: 23:00:55

Instrument: Autospec-UltimaE

Total TriCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

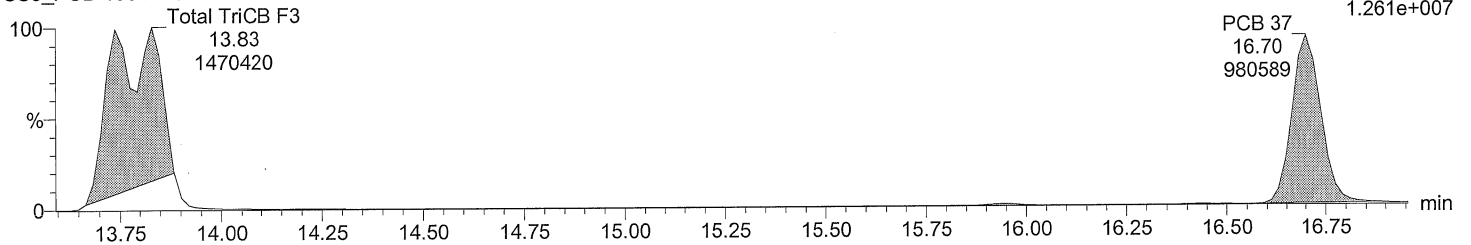
F3:SIR of 14 channels,EI+  
255.9614  
1.254e+007



Total TriCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

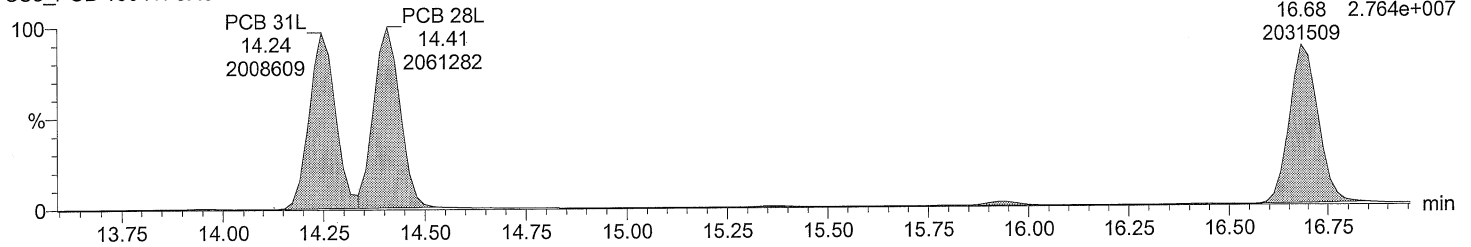
F3:SIR of 14 channels,EI+  
257.9584  
1.261e+007



Total TriCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

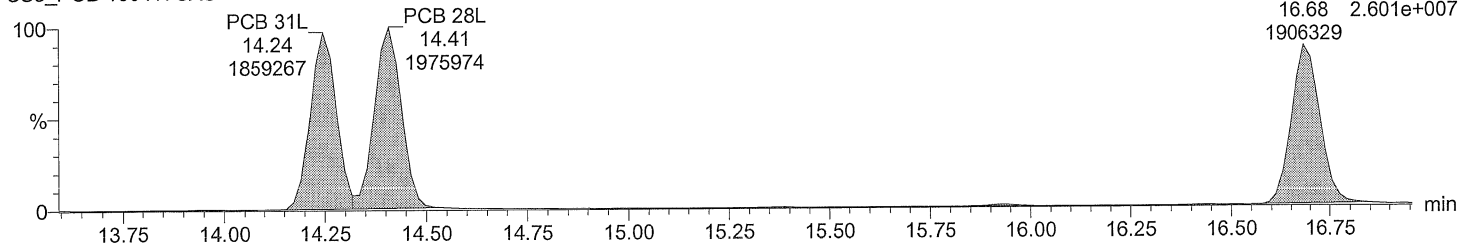
F3:SIR of 14 channels,EI+  
PCB 37L 268.0016  
16.68 2.764e+007  
2031509



Total TriCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F3:SIR of 14 channels,EI+  
PCB 37L 269.9986  
16.68 2.601e+007  
1906329



Acquired Date

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Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

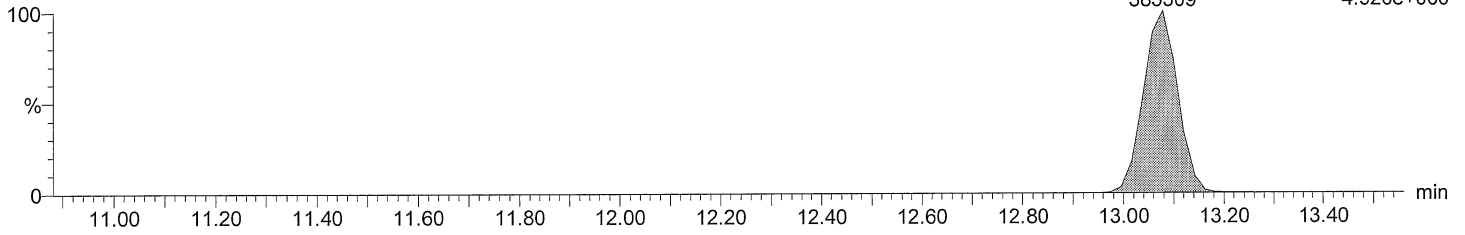
Time: 23:00:55

Instrument: Autospec-UltimaE

Total TeCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

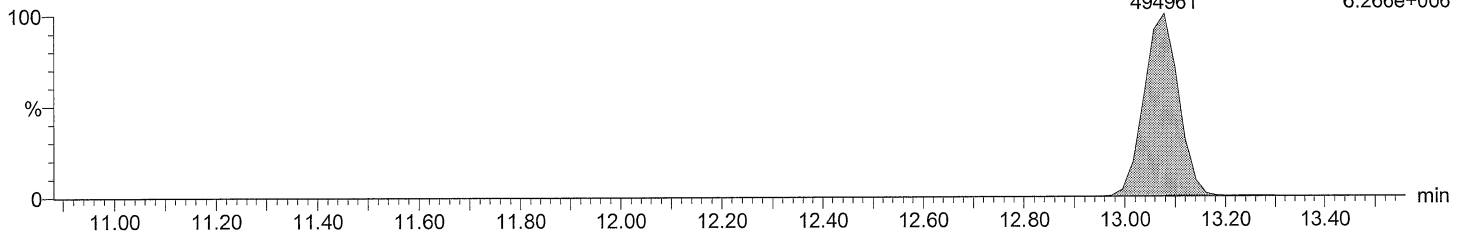
PCB 54 F2:SIR of 16 channels,EI+  
13.08 289.9224  
385509 4.926e+006



Total TeCB F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

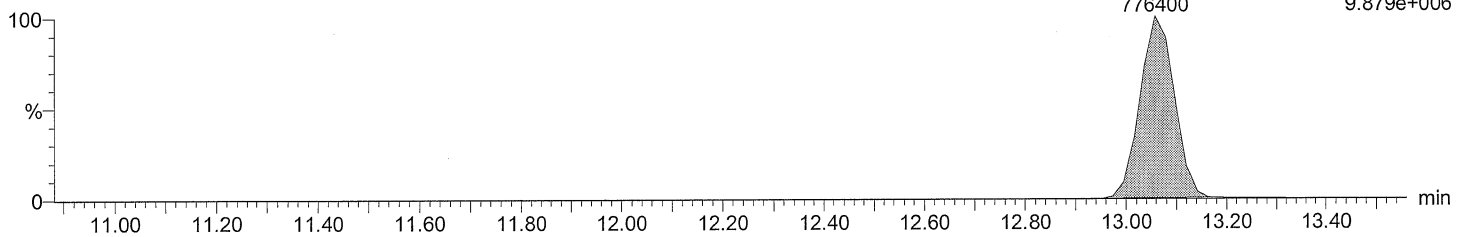
PCB 54 F2:SIR of 16 channels,EI+  
13.08 291.9194  
494961 6.266e+006



Total TeCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

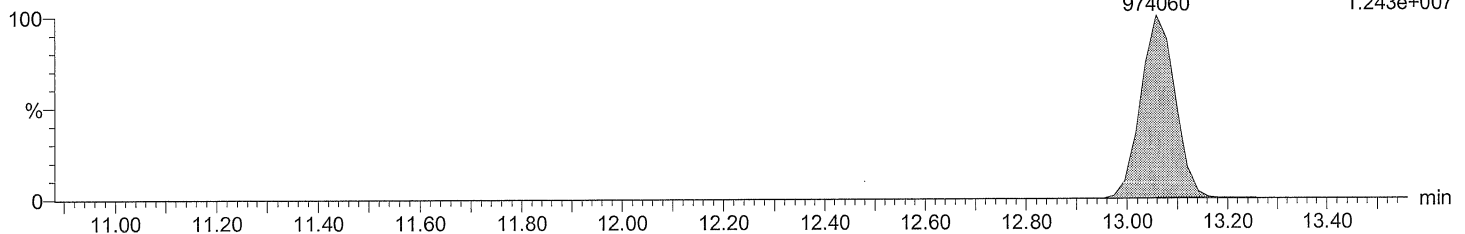
PCB 54L F2:SIR of 16 channels,EI+  
13.06 301.9626  
776400 9.879e+006



Total TeCB labeled F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+  
13.06 303.9597  
974060 1.243e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

Time: 23:00:55

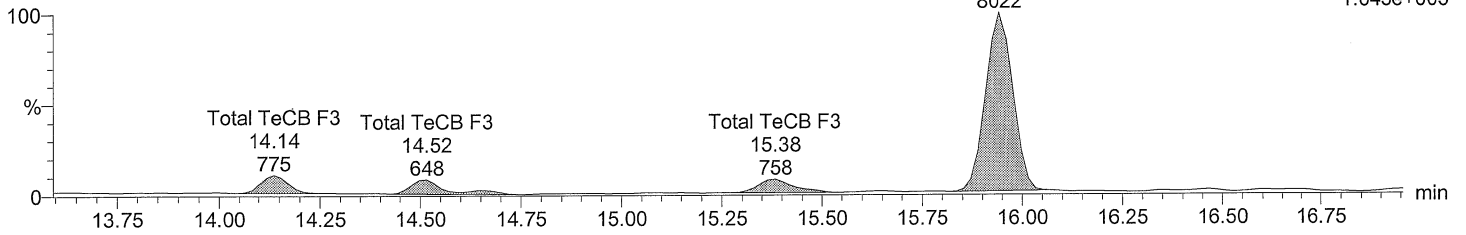
Instrument: Autospec-UltimaE

Total TeCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total TeCB F3  
15.94  
8022

F3:SIR of 14 channels,EI+  
289.9224  
1.043e+005

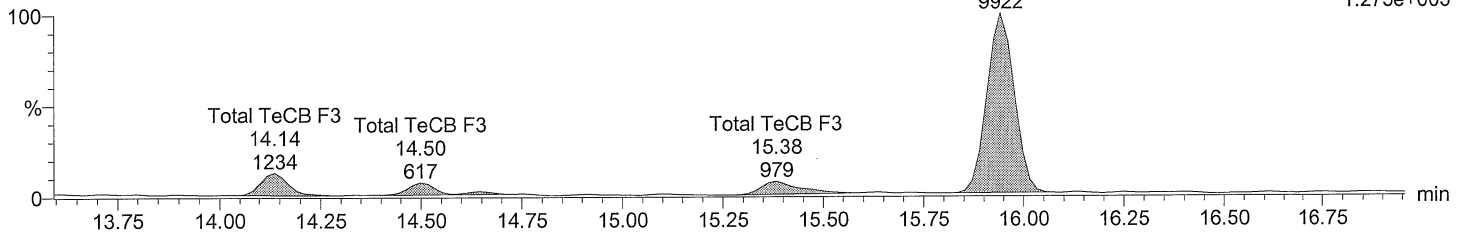


Total TeCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

Total TeCB F3  
15.94  
9922

F3:SIR of 14 channels,EI+  
291.9194  
1.275e+005

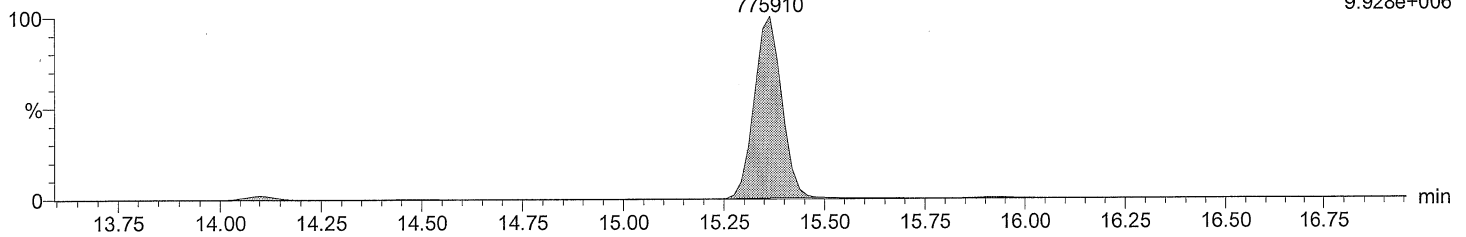


Total TeCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 52L  
15.36  
775910

F3:SIR of 14 channels,EI+  
301.9626  
9.928e+006

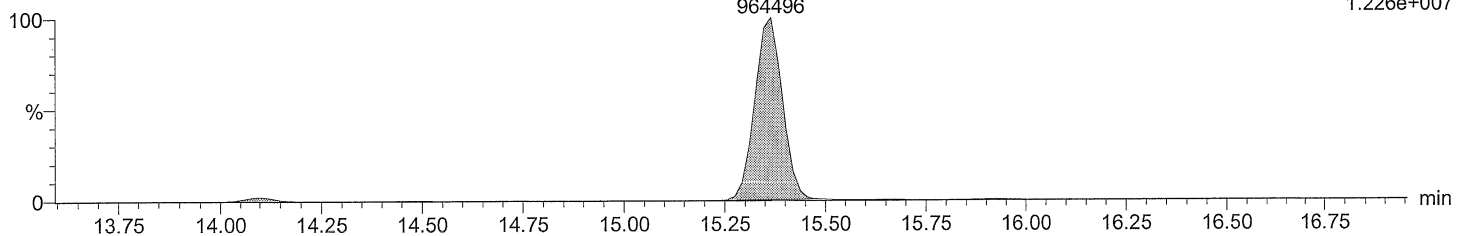


Total TeCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 52L  
15.36  
964496

F3:SIR of 14 channels,EI+  
303.9597  
1.226e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

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Description: CS3\_PCB 150417CXU

Vial: 14

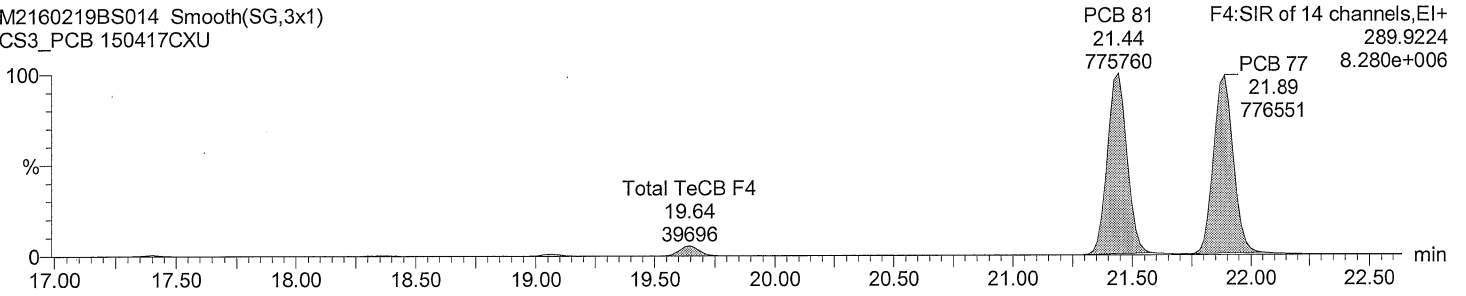
Date: 19-FEB-2016

Time: 23:00:55

Instrument: Autospec-UltimaE

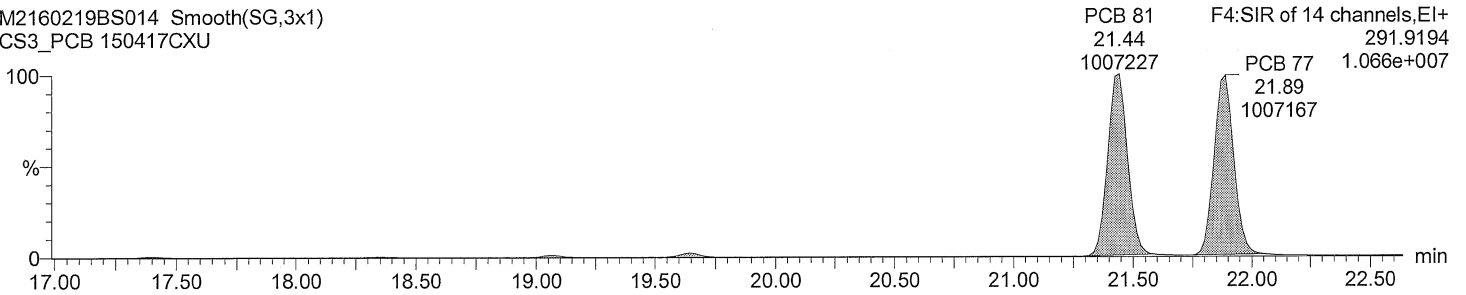
Total TeCB F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



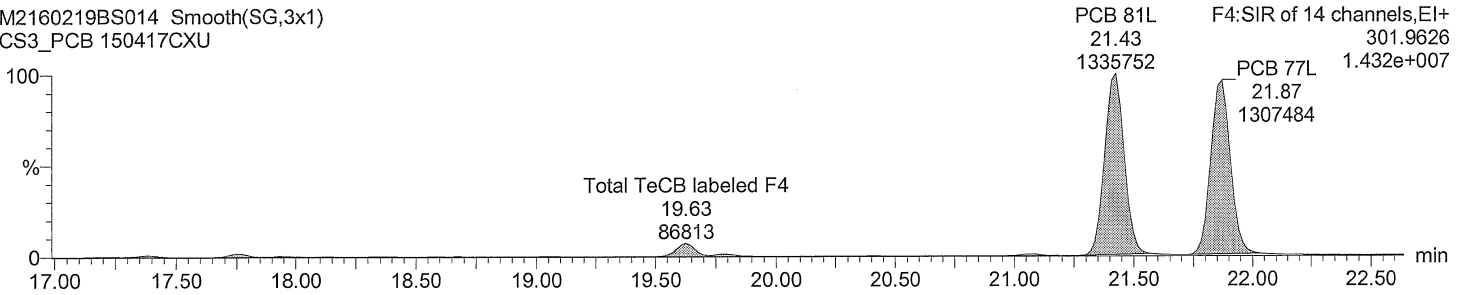
Total TeCB F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



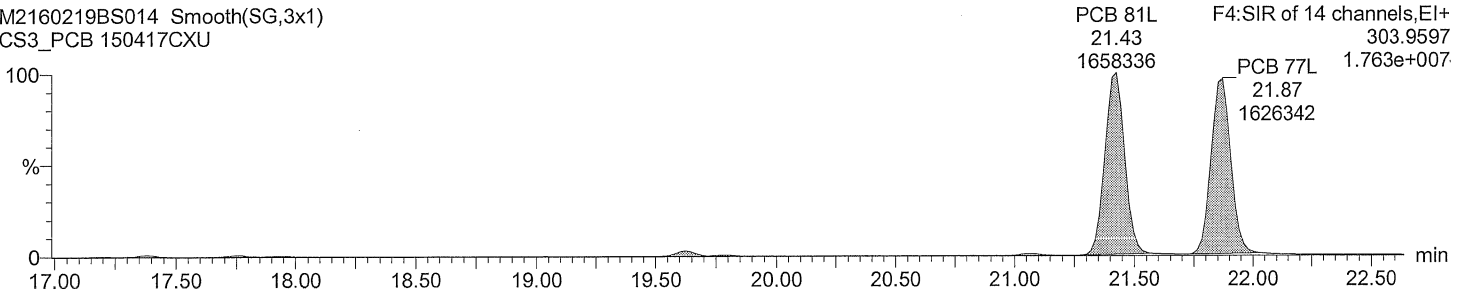
Total TeCB labeled F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TeCB labeled F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

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Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

Time: 23:00:55

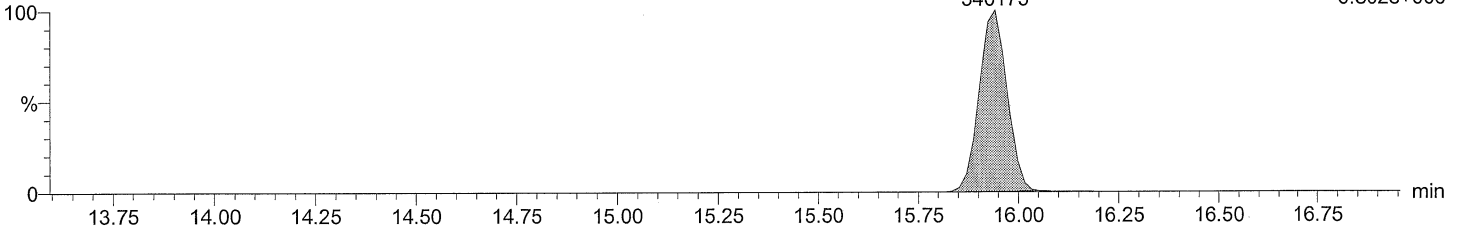
Instrument: Autospec-UltimaE

Total PeCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.94  
540175

F3:SIR of 14 channels,EI+  
325.8805  
6.802e+006

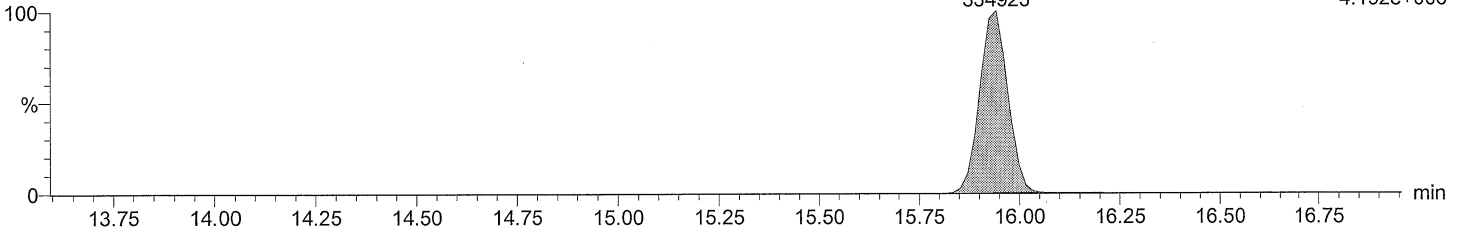


Total PeCB F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.94  
334923

F3:SIR of 14 channels,EI+  
327.8775  
4.192e+006

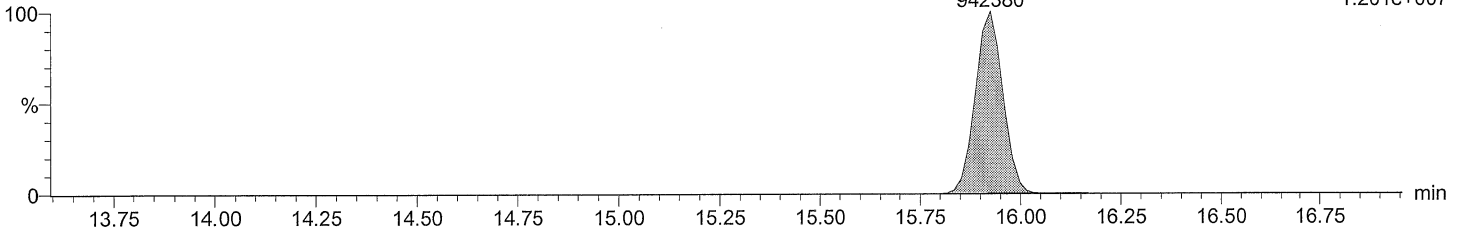


Total PeCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.93  
942380

F3:SIR of 14 channels,EI+  
337.9207  
1.201e+007

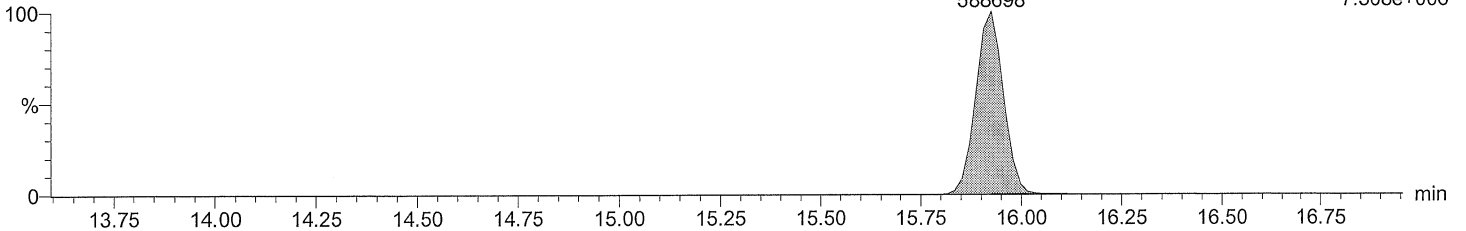


Total PeCB labeled F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.93  
588698

F3:SIR of 14 channels,EI+  
339.9178  
7.508e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

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Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

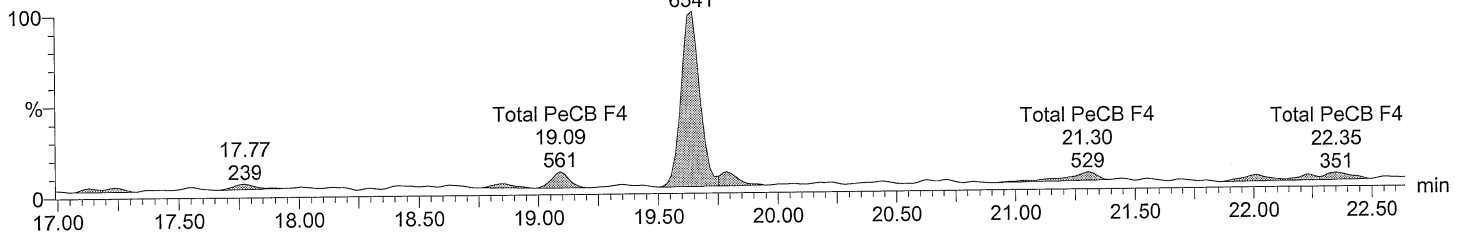
Time: 23:00:55

Instrument: Autospec-UltimaE

Total PeCB F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

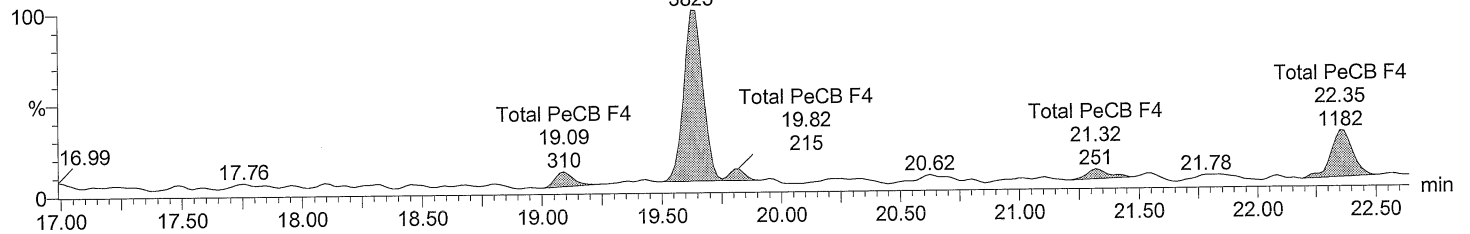
F4:SIR of 14 channels, EI+  
325.8805  
7.489e+004



Total PeCB F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

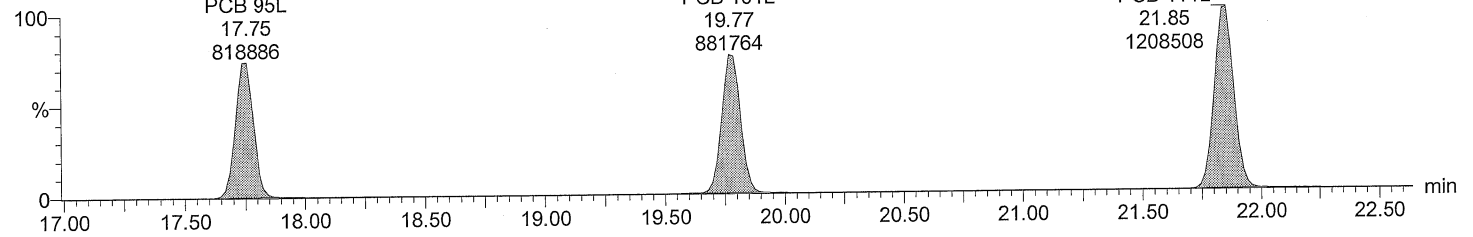
F4:SIR of 14 channels, EI+  
327.8775  
4.378e+004



Total PeCB labeled F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

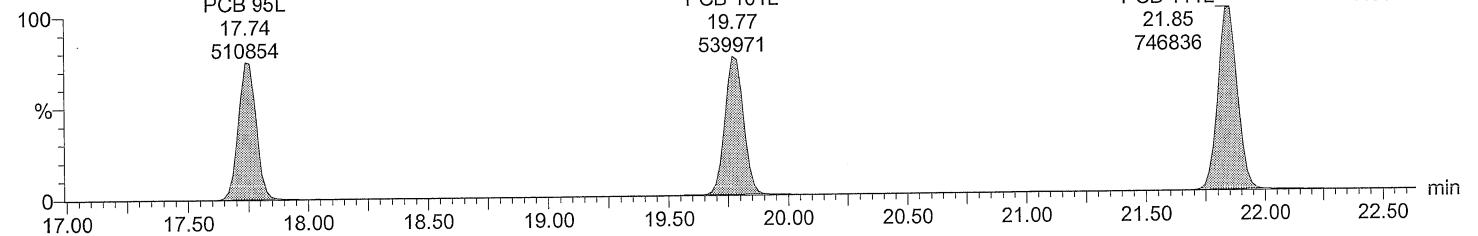
F4:SIR of 14 channels, EI+  
337.9207  
1.285e+007



Total PeCB labeled F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F4:SIR of 14 channels, EI+  
339.9178  
7.958e+006

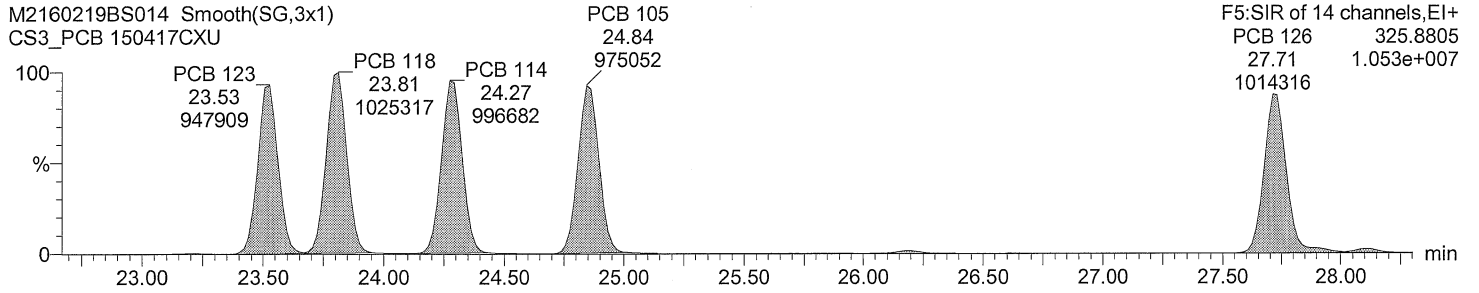


Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

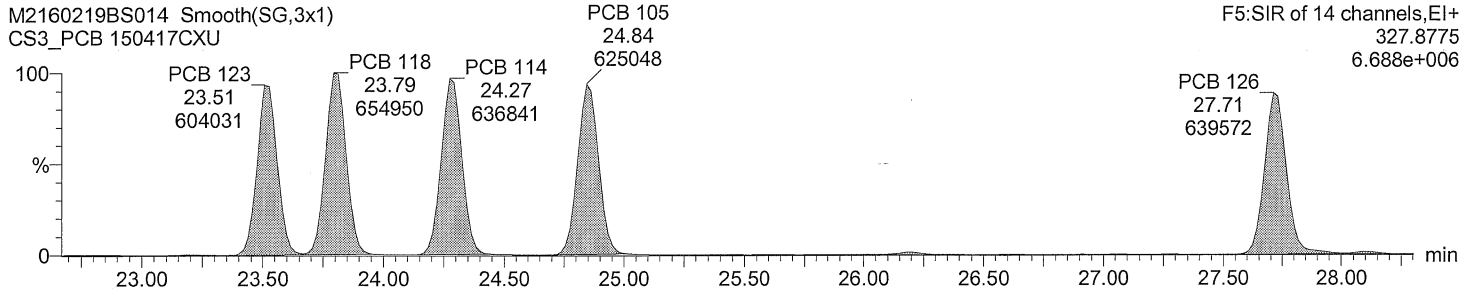
Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 19-FEB-2016  
Time: 23:00:55  
Instrument: Autospec-UltimaE

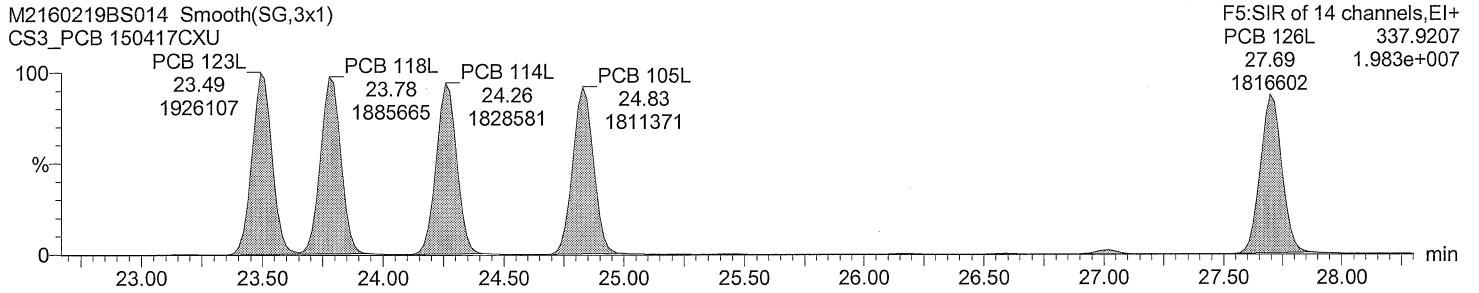
Total PeCB F5



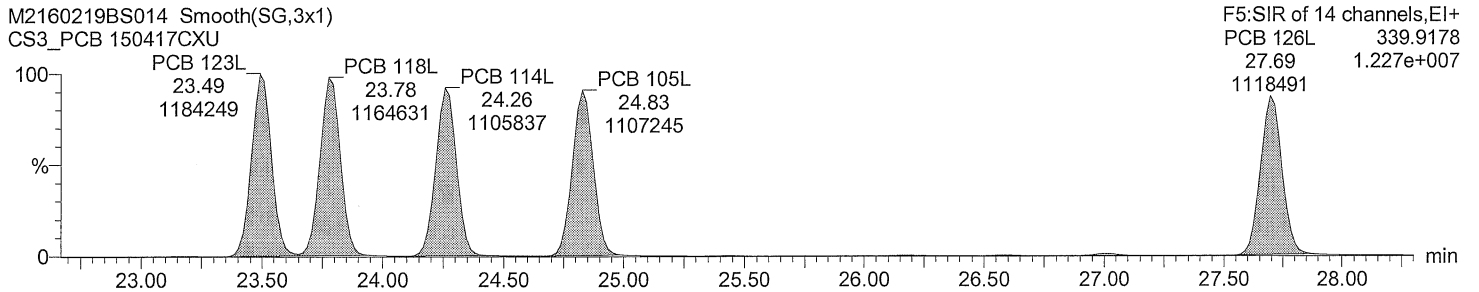
Total PeCB F5



Total PeCB labeled F5



Total PeCB labeled F5





**Quantify Sample Report**    **MassLynx 4.0 SP1**

Acquired Date

Dataset:            C:\MassLynx\Default.pro\QLDIM2160219BS014CS3\_1668A.qld

Last Altered:      February 21, 2016 4:30:25 PM Eastern Standard Time

Printed:            February 21, 2016 5:28:25 PM Eastern Standard Time

**Description: CS3\_PCB 150417CXU**

**Vial: 14**

**Date: 19-FEB-2016**

**Time: 23:00:55**

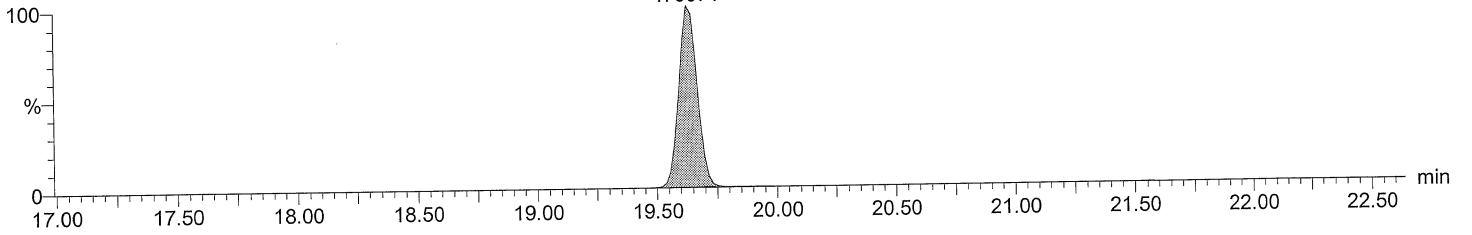
**Instrument: Autospec-UltimaE**

**Total HxCB F4**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.63  
470071

F4:SIR of 14 channels, EI+  
359.8415  
5.376e+006

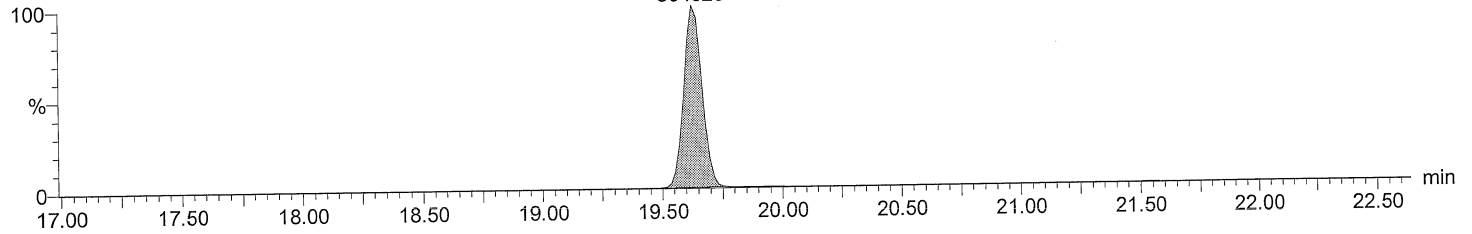


**Total HxCB F4**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.63  
364523

F4:SIR of 14 channels, EI+  
361.8385  
4.207e+006

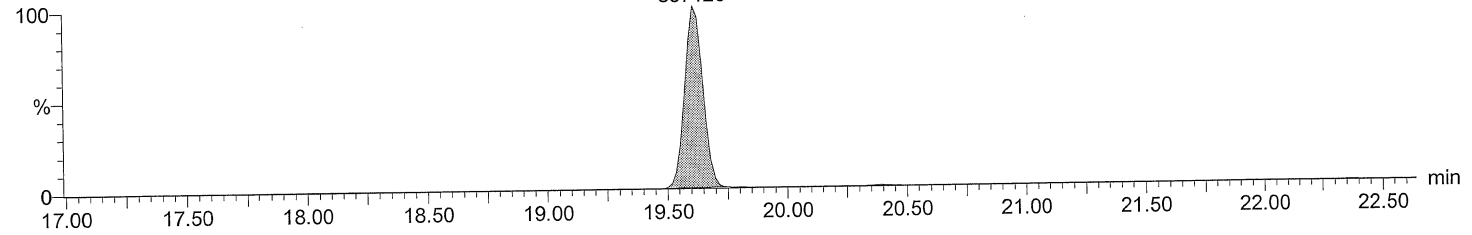


**Total HxCB labeled F4**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.61  
887126

F4:SIR of 14 channels, EI+  
371.8817  
1.020e+007

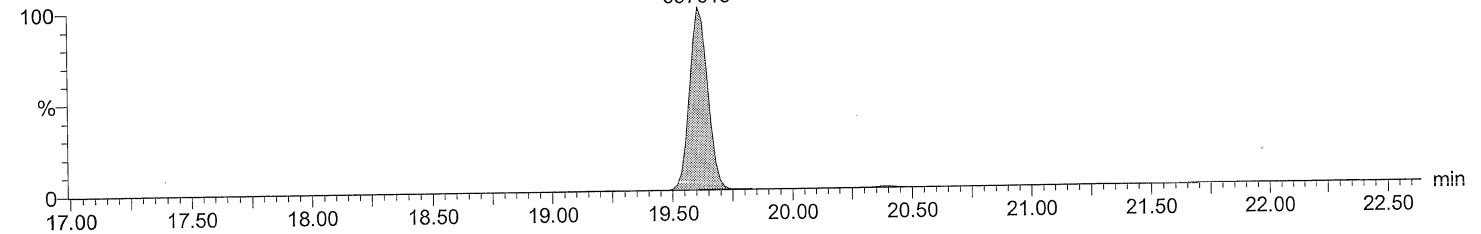


**Total HxCB labeled F4**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.61  
697615

F4:SIR of 14 channels, EI+  
373.8788  
8.049e+006



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

**Description: CS3\_PCB 150417CXU**

Vial: 14

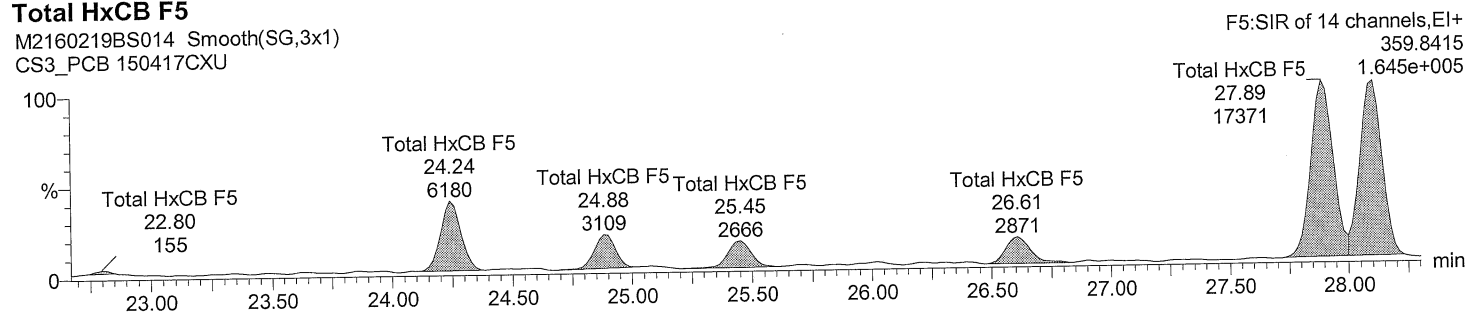
Date: 19-FEB-2016

Time: 23:00:55

Instrument: Autospec-UltimaE

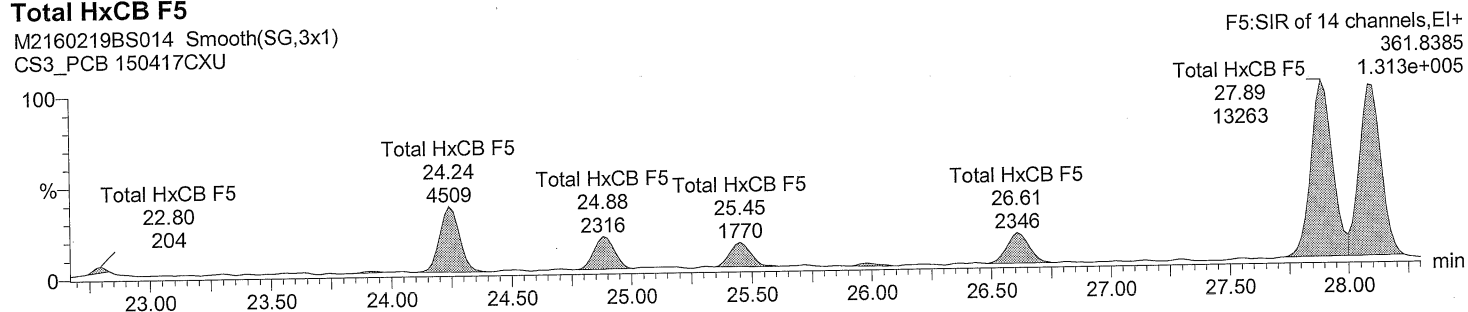
**Total HxCB F5**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



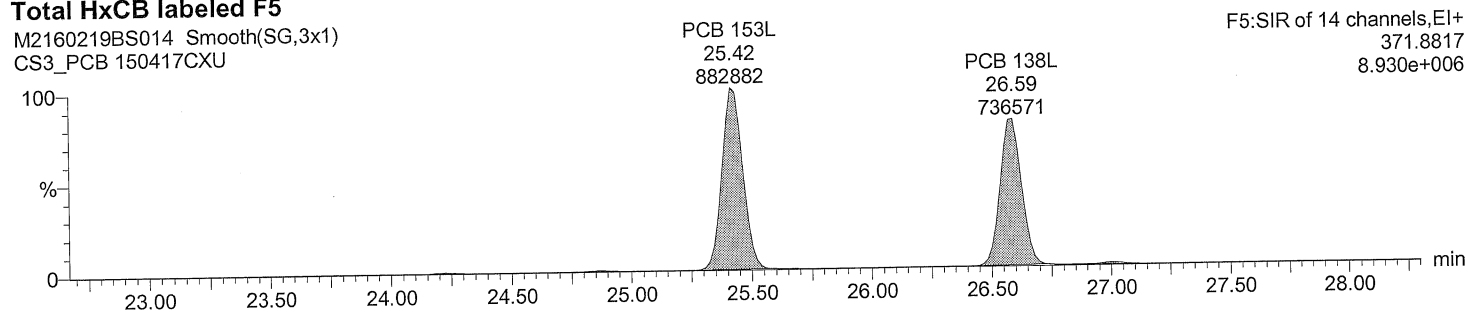
**Total HxCB F5**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



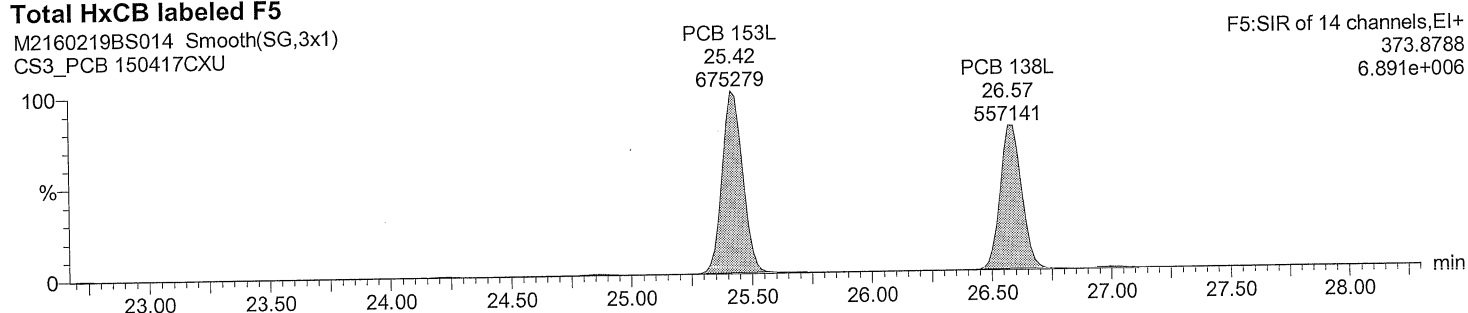
**Total HxCB labeled F5**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



**Total HxCB labeled F5**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

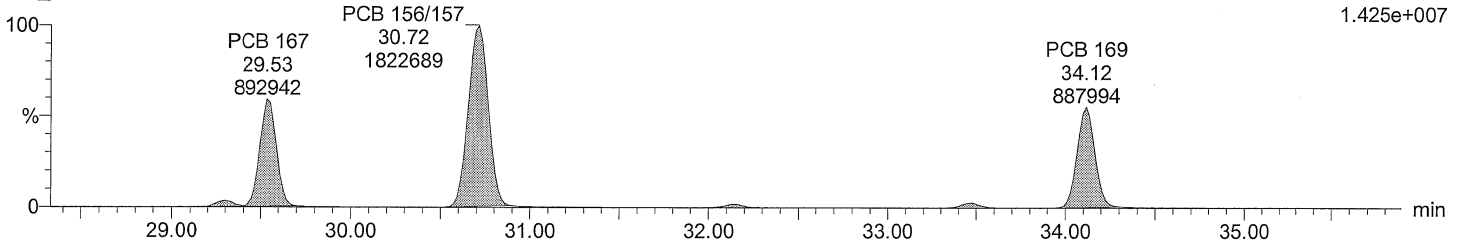
Time: 23:00:55

Instrument: Autospec-UltimaE

Total HxCB F6

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

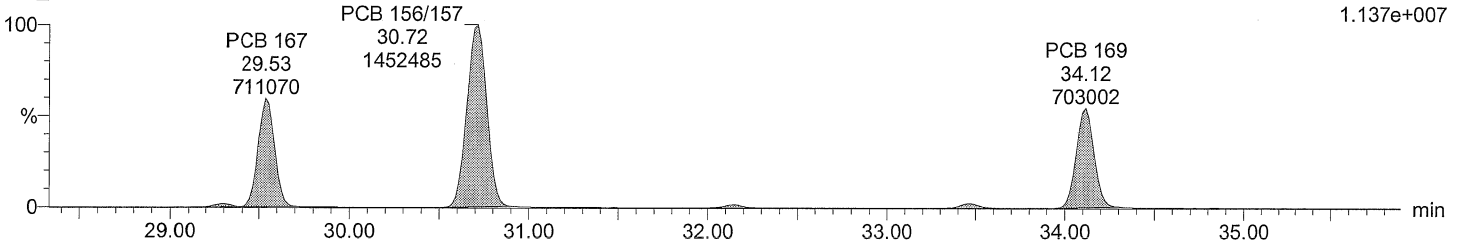
F6:SIR of 14 channels,EI+  
359.8415  
1.425e+007



Total HxCB F6

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

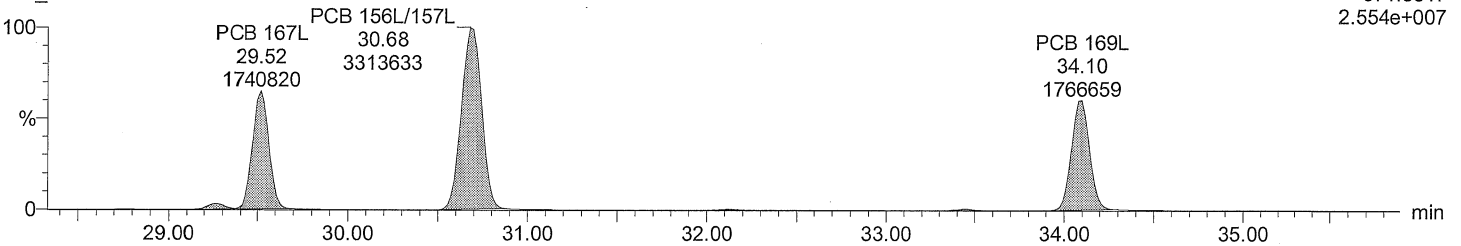
F6:SIR of 14 channels,EI+  
361.8385  
1.137e+007



Total HxCB labeled F6

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

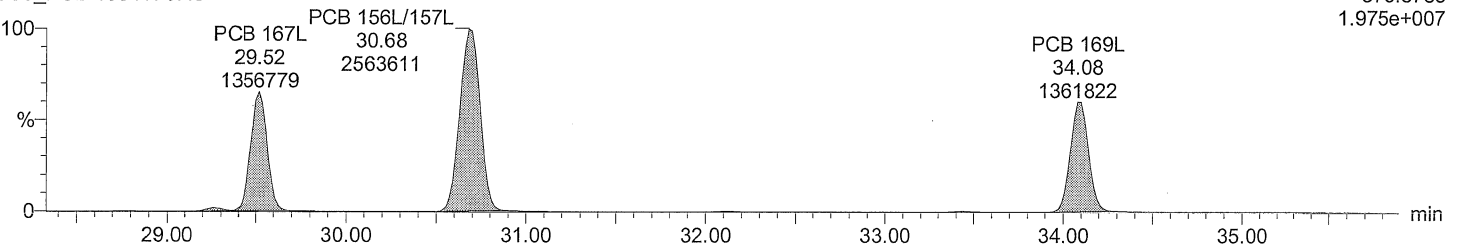
F6:SIR of 14 channels,EI+  
371.8817  
2.554e+007



Total HxCB labeled F6

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
373.8788  
1.975e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

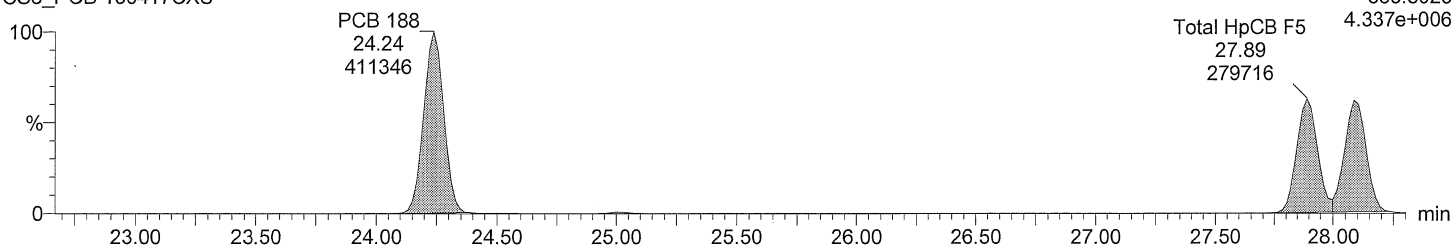
Time: 23:00:55

Instrument: Autospec-UltimaE

Total HpCB F5

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

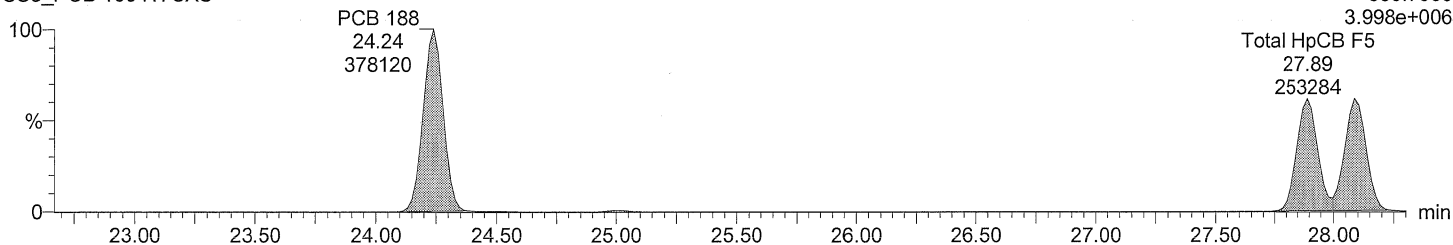
F5:SIR of 14 channels,EI+  
393.8025  
Total HpCB F5 4.337e+006  
27.89  
279716



Total HpCB F5

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

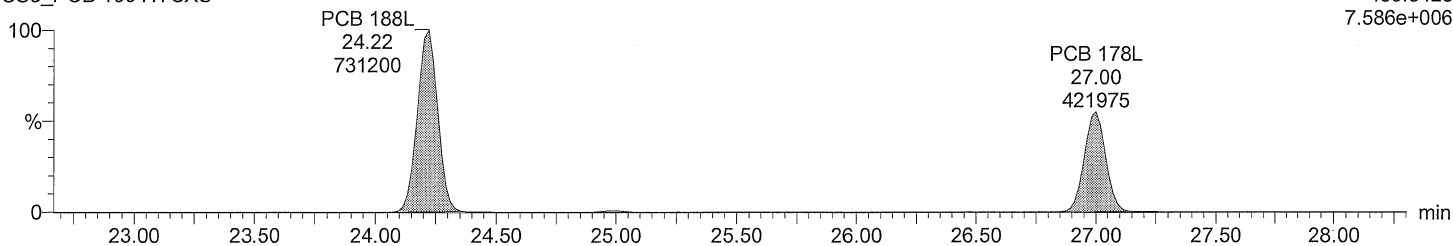
F5:SIR of 14 channels,EI+  
395.7995  
Total HpCB F5 3.998e+006  
27.89  
253284



Total HpCB labeled F5

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

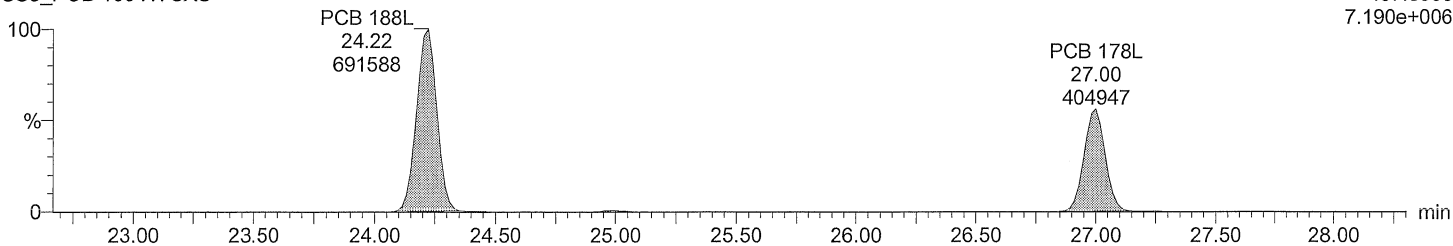
F5:SIR of 14 channels,EI+  
405.8428  
7.586e+006



Total HpCB labeled F5

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F5:SIR of 14 channels,EI+  
407.8398  
7.190e+006



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

**Description: CS3\_PCB 150417CXU**

**Vial: 14**

**Date: 19-FEB-2016**

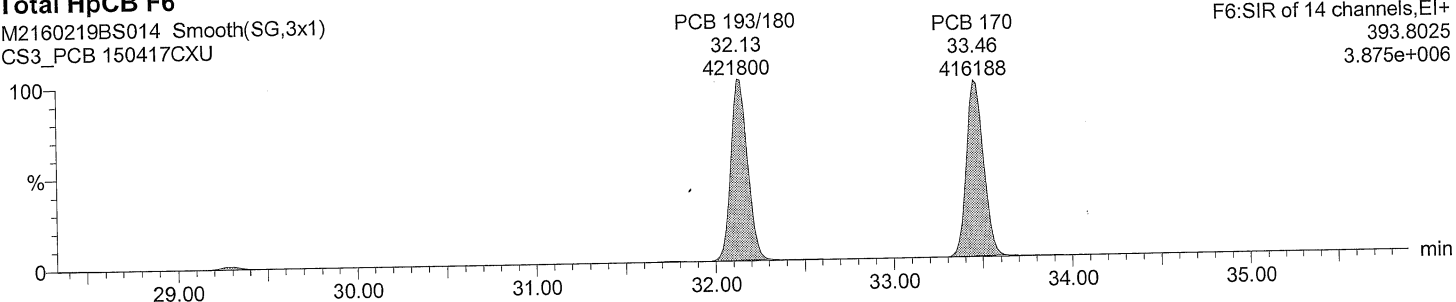
**Time: 23:00:55**

**Instrument: Autospec-UltimaE**

**Total HpCB F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

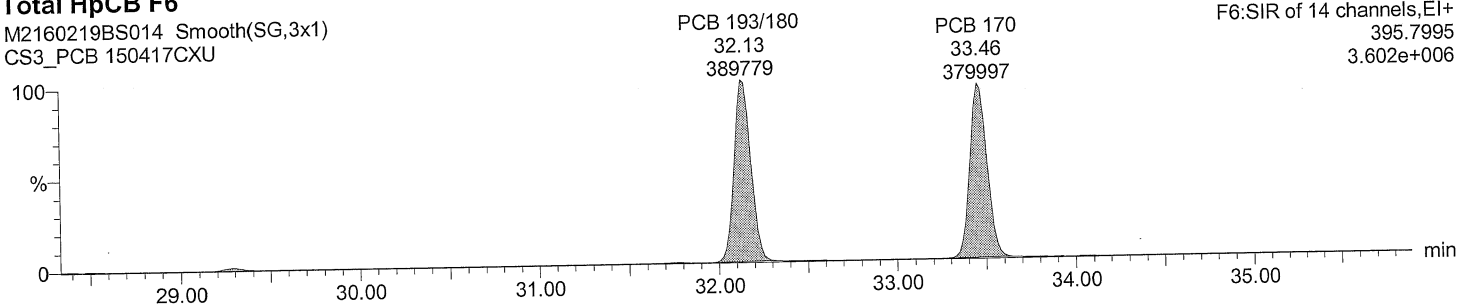
F6:SIR of 14 channels,EI+  
393.8025  
3.875e+006



**Total HpCB F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

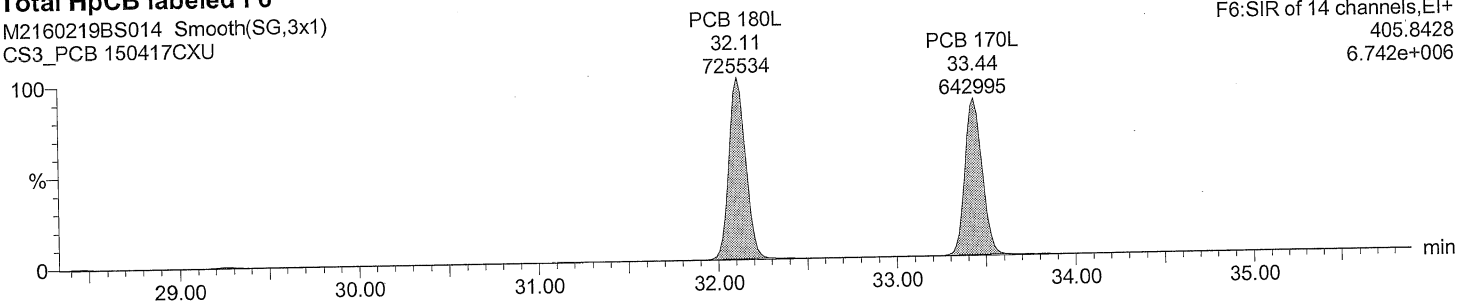
F6:SIR of 14 channels,EI+  
395.7995  
3.602e+006



**Total HpCB labeled F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

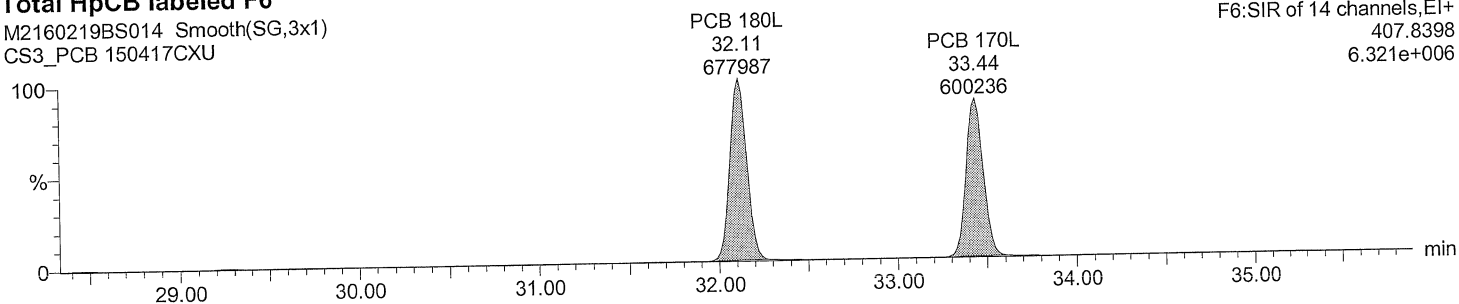
F6:SIR of 14 channels,EI+  
405.8428  
6.742e+006



**Total HpCB labeled F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
407.8398  
6.321e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

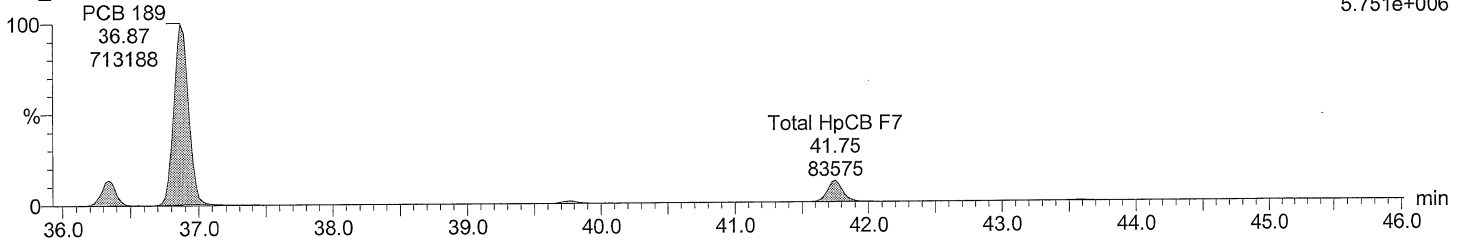
Time: 23:00:55

Instrument: Autospec-UltimaE

Total HpCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

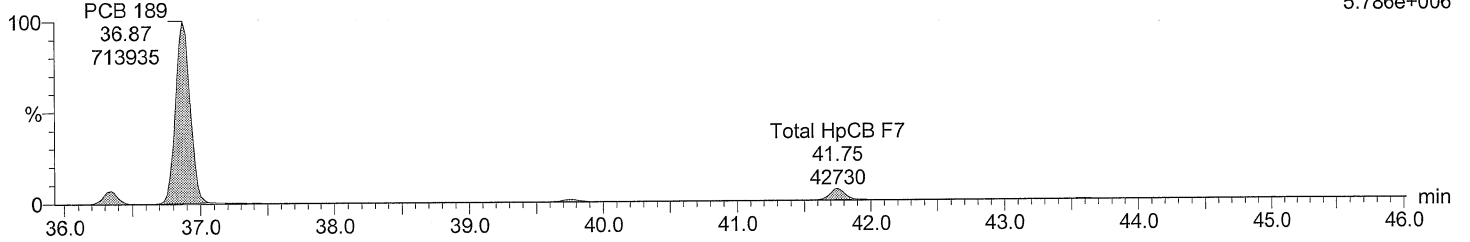
F7:SIR of 18 channels,EI+  
393.8025  
5.751e+006



Total HpCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

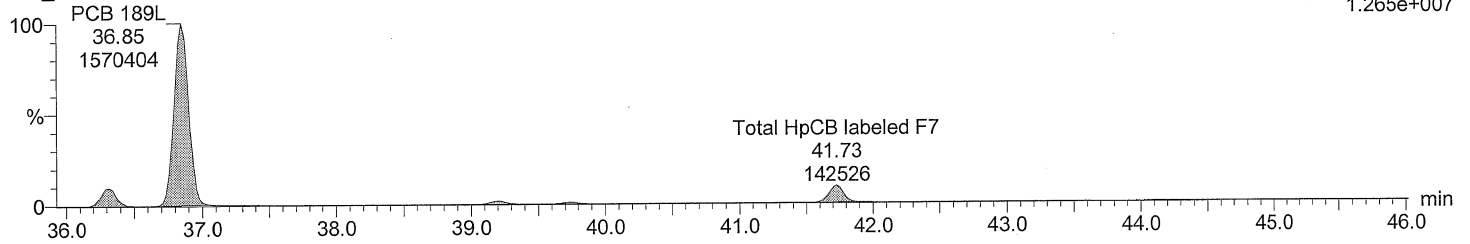
F7:SIR of 18 channels,EI+  
395.7995  
5.786e+006



Total HpCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

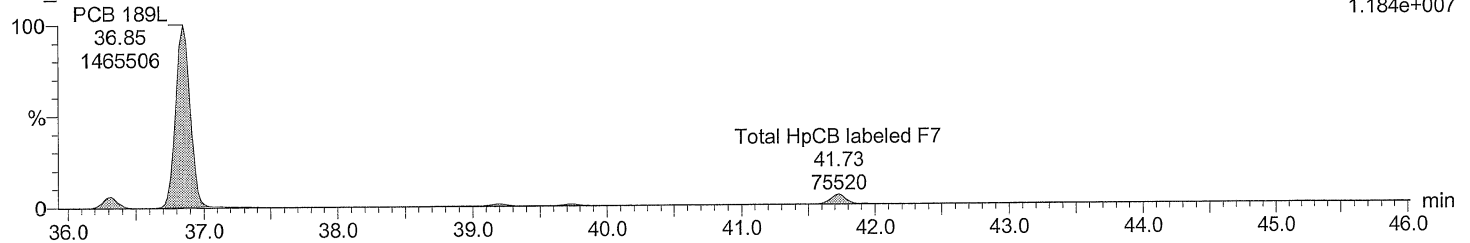
F7:SIR of 18 channels,EI+  
405.8428  
1.265e+007



Total HpCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
407.8398  
1.184e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

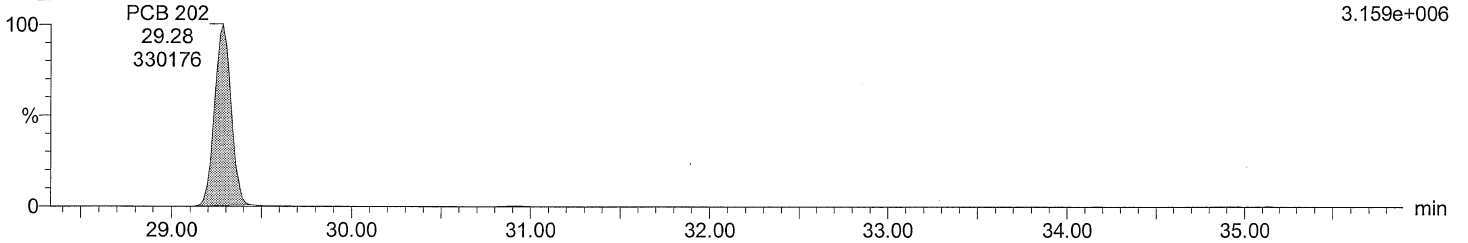
Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 19-FEB-2016  
Time: 23:00:55  
Instrument: Autospec-UltimaE

**Total OcCB F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

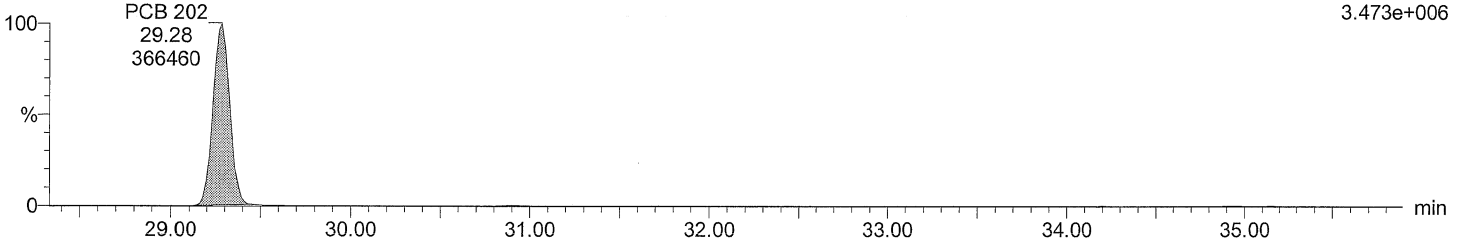
F6:SIR of 14 channels,EI+  
427.7635  
3.159e+006



**Total OcCB F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

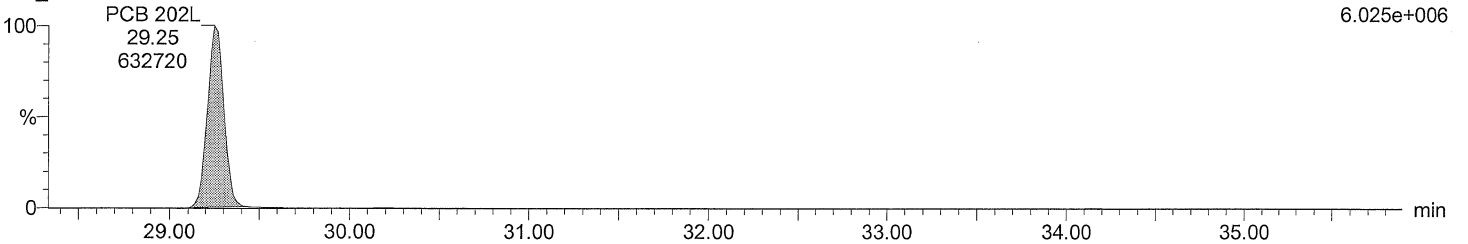
F6:SIR of 14 channels,EI+  
429.7606  
3.473e+006



**Total OcCB labeled F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

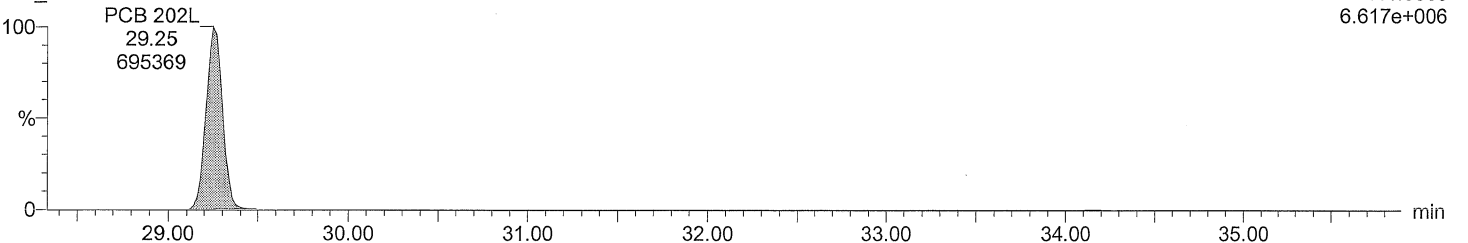
F6:SIR of 14 channels,EI+  
439.8038  
6.025e+006



**Total OcCB labeled F6**

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
441.8008  
6.617e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

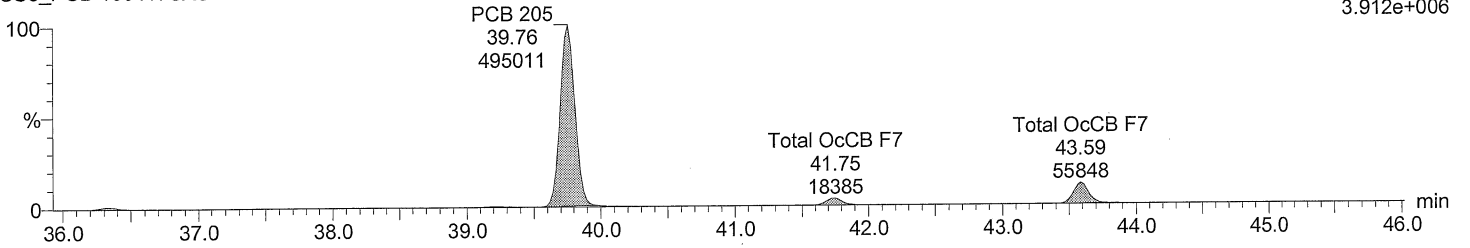
Time: 23:00:55

Instrument: Autospec-UltimaE

Total OcCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

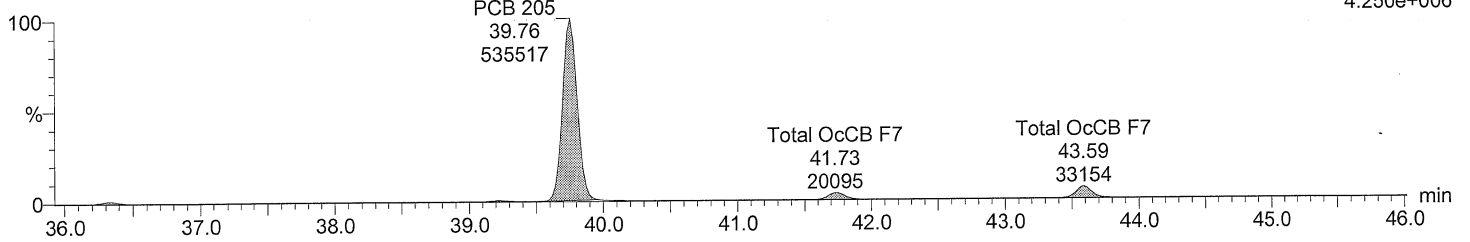
F7:SIR of 18 channels,EI+  
427.7635  
3.912e+006



Total OcCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

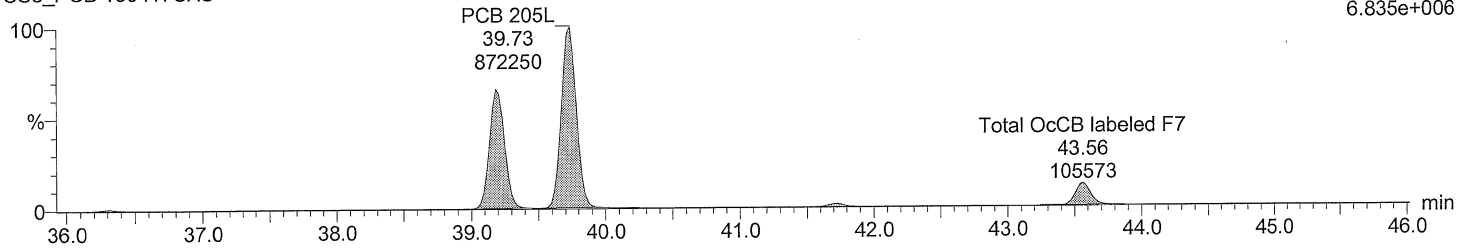
F7:SIR of 18 channels,EI+  
429.7606  
4.250e+006



Total OcCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

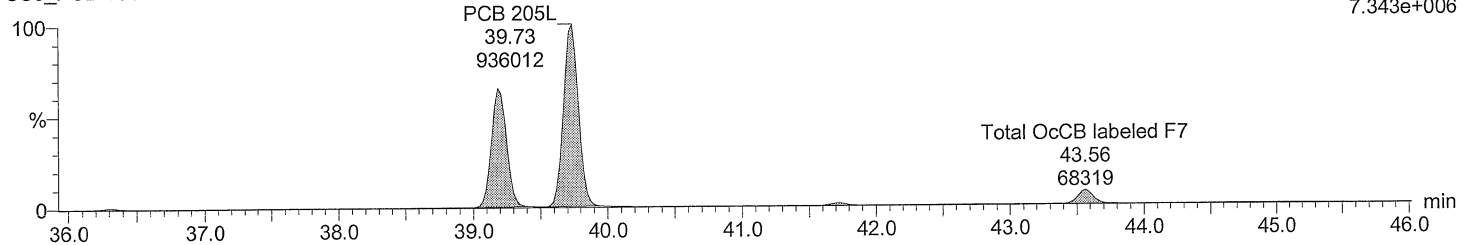
F7:SIR of 18 channels,EI+  
439.8038  
6.835e+006



Total OcCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
441.8008  
7.343e+006





Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

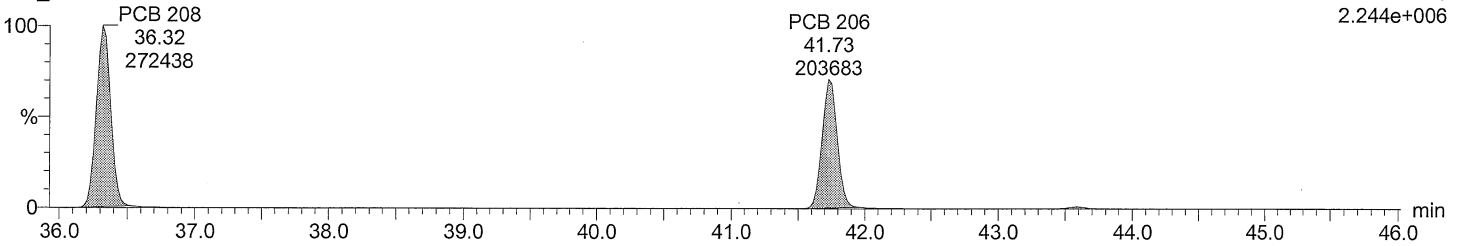
Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 19-FEB-2016  
Time: 23:00:55  
Instrument: Autospec-UltimaE

Total NoCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

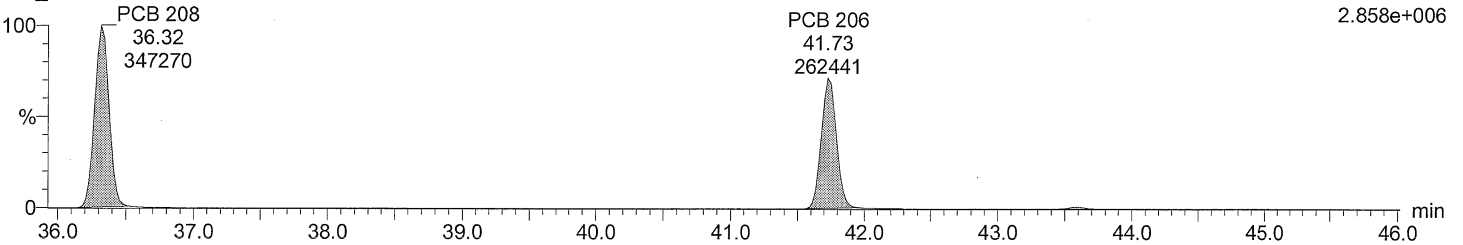
F7:SIR of 18 channels,EI+  
461.7246  
2.244e+006



Total NoCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

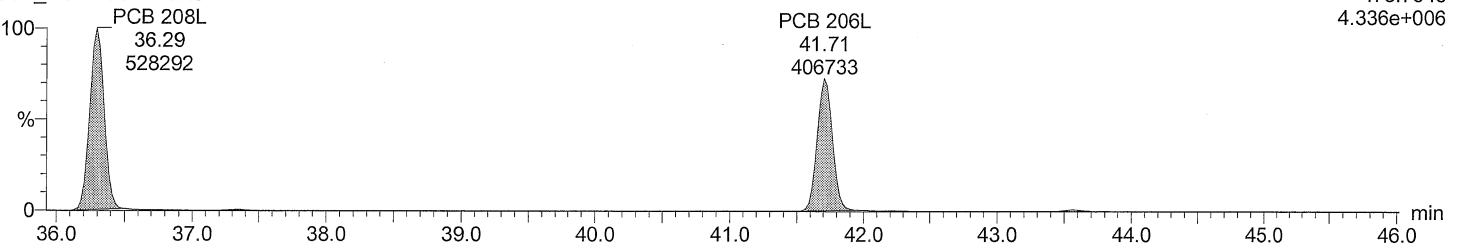
F7:SIR of 18 channels,EI+  
463.7216  
2.858e+006



Total NoCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

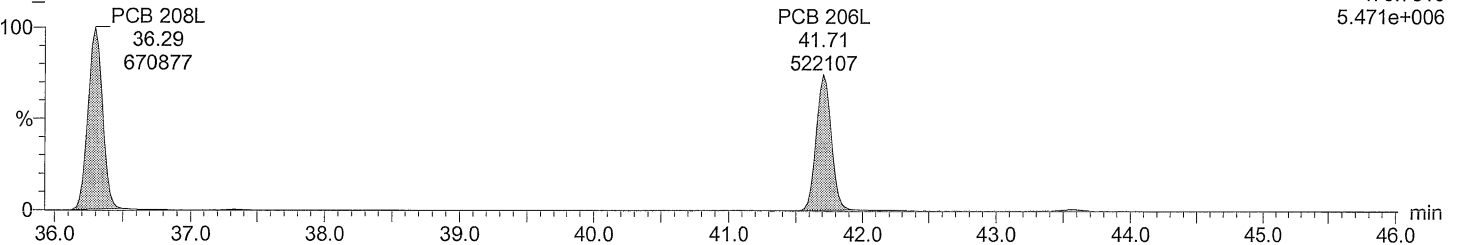
F7:SIR of 18 channels,EI+  
473.7648  
4.336e+006



Total NoCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
475.7619  
5.471e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

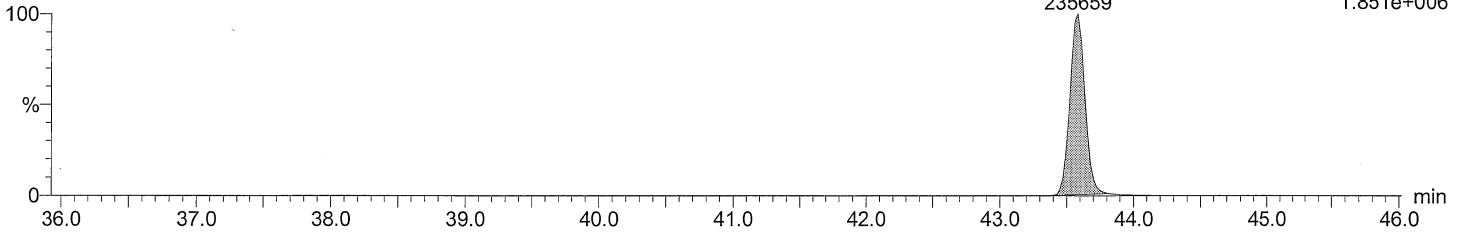
Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time  
Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 14  
Date: 19-FEB-2016  
Time: 23:00:55  
Instrument: Autospec-UltimaE

Total DeCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

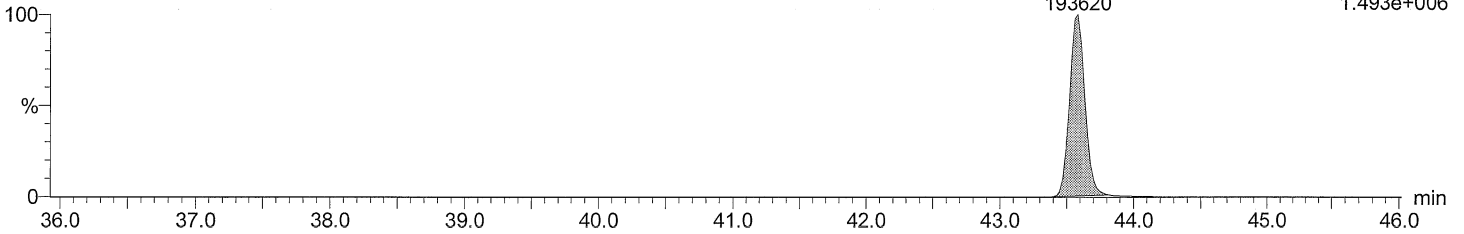
PCB 209 F7:SIR of 18 channels,EI+  
43.59 497.6826  
235659 1.851e+006



Total DeCB F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

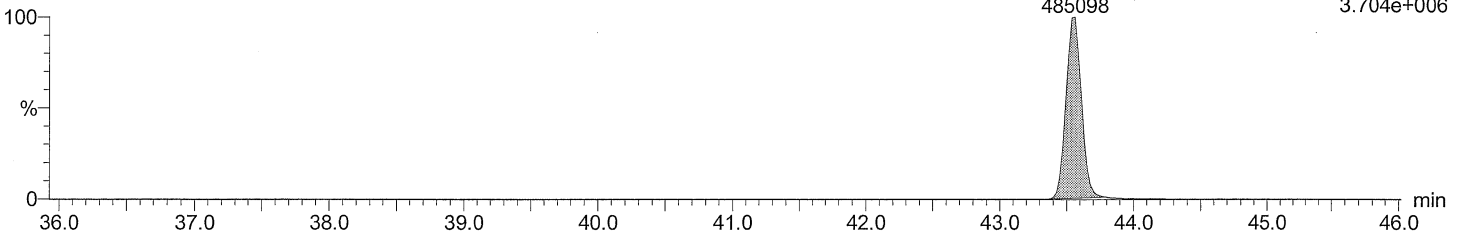
PCB 209 F7:SIR of 18 channels,EI+  
43.59 499.6797  
193620 1.493e+006



Total DeCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

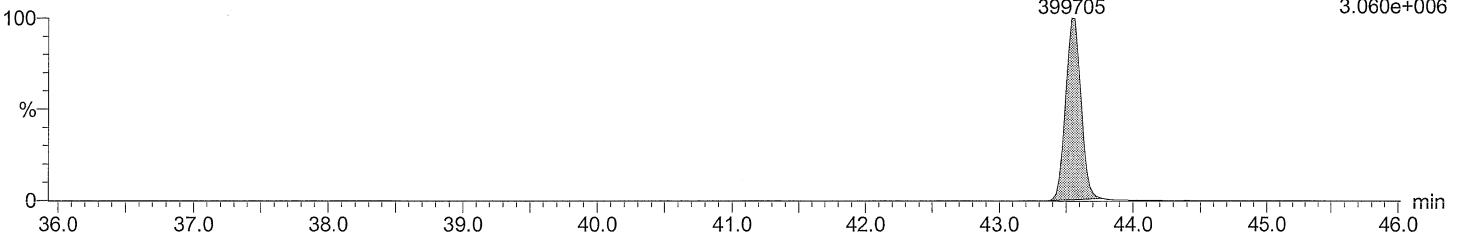
PCB 209L F7:SIR of 18 channels,EI+  
43.56 509.7229  
485098 3.704e+006



Total DeCB labeled F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 209L F7:SIR of 18 channels,EI+  
43.54 511.7199  
399705 3.060e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

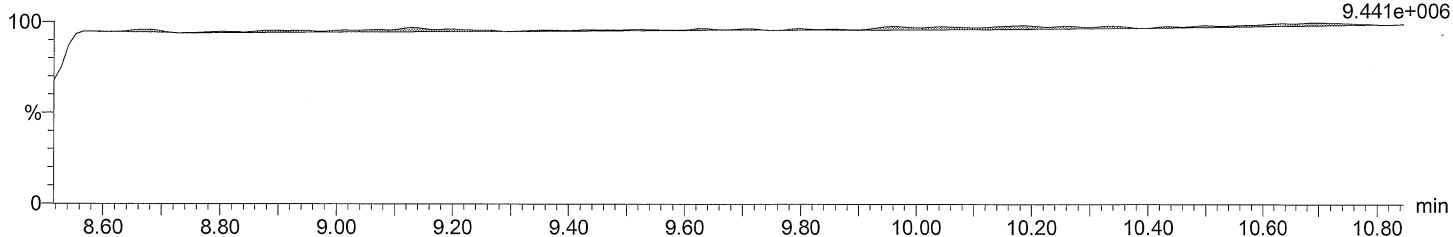
Time: 23:00:55

Instrument: Autospec-UltimaE

lockmass F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

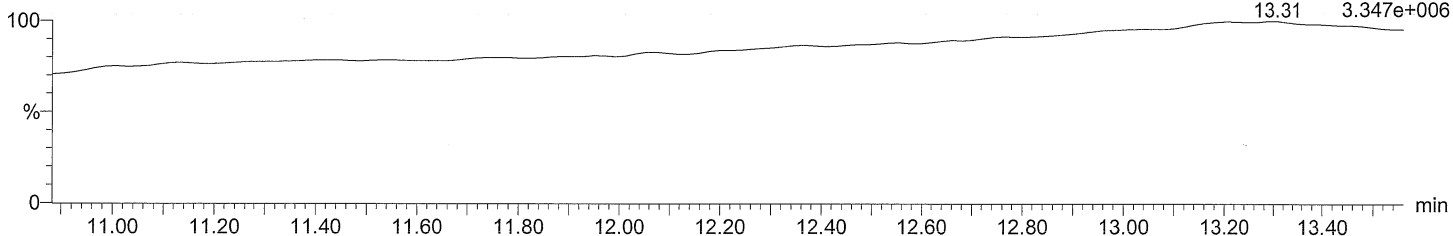
F1:SIR of 10 channels,EI+  
218.9856  
9.441e+006



lockmass F2

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

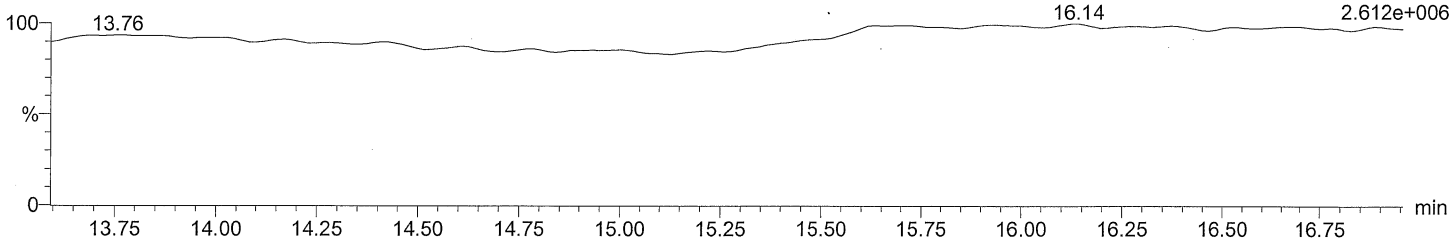
F2:SIR of 16 channels,EI+  
242.9856  
13.31 3.347e+006



lockmass F3

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

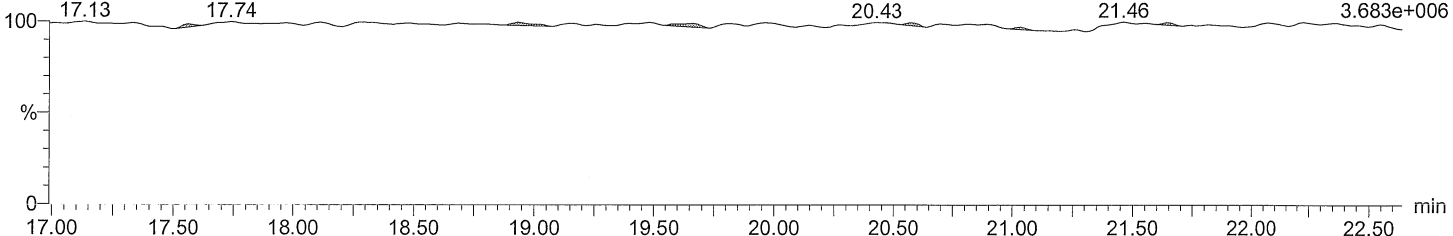
F3:SIR of 14 channels,EI+  
292.9824  
16.14 2.612e+006



lockmass F4

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F4:SIR of 14 channels,EI+  
330.9792  
17.13 17.74 20.43 21.46 3.683e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

Time: 23:00:55

Instrument: Autospec-UltimaE

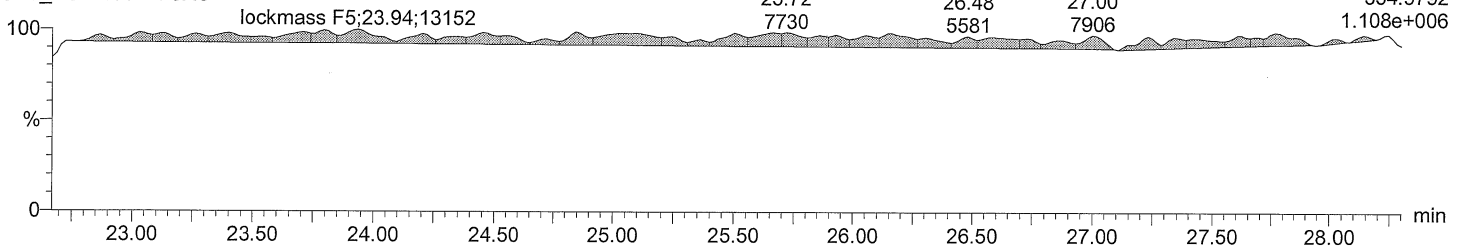
lockmass F5

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F5

lockmass F5 lockmass F5

F5:SIR of 14 channels,EI+



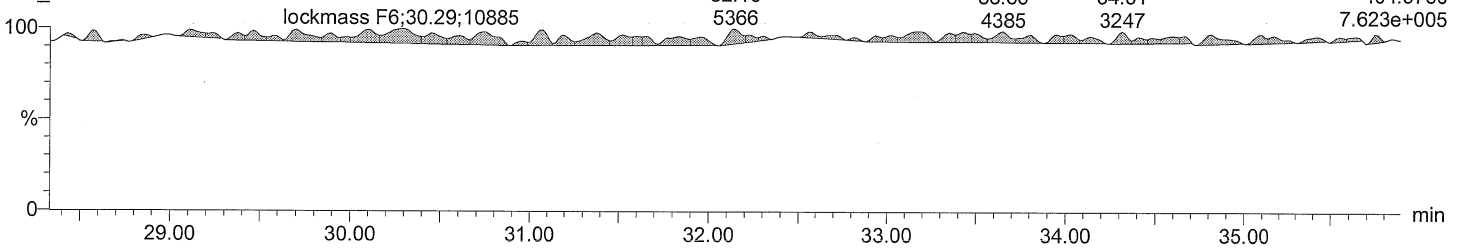
lockmass F6

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F6

lockmass F6 lockmass F6

F6:SIR of 14 channels,EI+

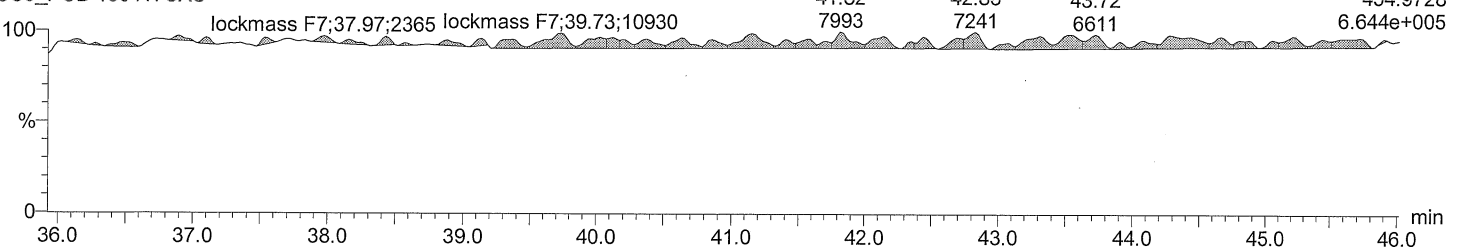


lockmass F7

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F7 lockmass F7 lockmass F7

F7:SIR of 18 channels,EI+



Acquired Date

Dataset:            C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered:      February 21, 2016 4:30:25 PM Eastern Standard Time

Printed:            February 21, 2016 5:28:25 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
21-Feb-16	16:30:25	Process Integrate			
21-Feb-16	16:30:25	Process Quantify			
21-Feb-16	16:30:25	Dataset Created			
21-Feb-16	16:30:51	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668\_M2160219.mdb 21 Feb 2016 16:35:56

Calibration: 21 Feb 2016 16:43:25

ID:

Date: 19-FEB-2016

Time: 12:07:03

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	9.00	1.000	860336	269973	3.19	YES	bb	26.525	6.1	106	165	1.148
2	PCB 2	10.10	0.991	946011	297033	3.18	YES	bd	25.000	0.0	100		1.248
3	PCB 3	10.20	1.001	878662	279797	3.14	YES	dd	26.652	6.6	107	166	1.150
4	PCB 4	10.31	1.001	397388	252183	1.58	YES	bd	28.022	12.1	112	167	1.069
5	PCB 10	10.39	1.008	682919	428760	1.59	YES	db	25.000	0.0	100		1.177
6	PCB 9	11.21	1.088	799655	482139	1.66	YES	bd	25.000	0.0	100		1.357
7	PCB 7	11.27	1.094	646093	445116	1.45	YES	dd	25.000	0.0	100		1.155
8	PCB 6	11.37	1.104	766737	505705	1.52	YES	dd	25.000	0.0	100		1.347
9	PCB 5	11.52	1.119	657220	446387	1.47	YES	MM	25.000	0.0	100		1.169
10	PCB 8	11.56	1.123	758119	476388	1.59	YES	MM	25.000	0.0	100		1.307
11	PCB 14	12.27	0.948	770668	504971	1.53	YES	bd	25.000	0.0	100		1.351
12	PCB 11	12.65	0.977	759427	496173	1.53	YES	bd	25.000	0.0	100		1.330
13	PCB 13/12	12.80	0.989	1417909	925690	1.53	YES	dd	50.000	0.0	100		1.241
14	PCB 15	12.94	1.000	806772	519834	1.55	YES	db	29.733	18.9	119	168	1.035
15	PCB 19	11.69	1.000	296439	282087	1.05	YES	bb	27.188	8.8	109	169	0.977
16	PCB 30/18	12.50	1.070	845909	814297	1.04	YES	bd	50.000	0.0	100		0.976
17	PCB 17	12.69	1.086	342405	330174	1.04	YES	dd	25.000	0.0	100		0.790
18	PCB 27	12.80	1.095	506145	495562	1.02	YES	MM	25.000	0.0	100		1.177
19	PCB 24	12.86	1.100	406957	399890	1.02	YES	MM	25.000	0.0	100		0.948
20	PCB 16	12.88	1.102	348873	326093	1.07	YES	MM	25.000	0.0	100		0.793
21	PCB 32	13.15	1.125	579875	556430	1.04	YES	db	25.000	0.0	100		1.335
22	PCB 34	13.75	1.176	636385	626589	1.02	YES	bd	25.000	0.0	100		1.484
23	PCB 23	13.84	1.184	619851	610876	1.01	YES	dd	25.000	0.0	100		1.446
24	PCB 26/29	14.00	1.198	1373140	1373469	1.00	YES	dd	50.000	0.0	100		1.614
25	PCB 25	14.11	0.845	746104	730165	1.02	YES	dd	25.000	0.0	100		1.735
26	PCB 31	14.27	0.855	777943	783136	0.99	YES	dd	25.000	0.0	100		1.835
27	PCB 28/20	14.44	0.865	1433921	1439582	1.00	YES	dd	50.000	0.0	100		1.688
28	PCB 21/33	14.54	0.871	1467674	1441259	1.02	YES	dd	50.000	0.0	100		1.709
29	PCB 22	14.76	0.884	684980	675202	1.01	YES	db	25.000	0.0	100		1.599
30	PCB 36	15.61	0.935	793232	787550	1.01	YES	dd	25.000	0.0	100		1.858
31	PCB 39	15.81	0.947	647660	644591	1.00	YES	dd	25.000	0.0	100		1.519
32	PCB 38	16.19	0.970	677262	661860	1.02	YES	dd	25.000	0.0	100		1.574
33	PCB 35	16.44	0.985	645299	642711	1.00	YES	dd	25.000	0.0	100		1.514
34	PCB 37	16.71	1.001	536085	528972	1.01	YES	db	26.494	6.0	106	170	0.960
35	PCB 54	13.09	1.002	652948	839683	0.78	YES	bb	55.555	11.1	111	171	1.012
36	PCB 53/50	14.13	1.081	1201997	1527731	0.79	YES	bb	100.000	0.0	100		0.770
37	PCB 45/51	14.49	1.109	1138951	1434551	0.79	YES	bd	100.000	0.0	100		0.725
38	PCB 46	14.65	1.121	474642	596827	0.80	YES	db	50.000	0.0	100		0.604
39	PCB 52	15.38	1.177	586589	747447	0.78	YES	bd	50.000	0.0	100		0.752
40	PCB 73	15.45	1.182	787929	989123	0.80	YES	dd	50.000	-0.0	100		1.002
41	PCB 43	15.52	1.188	396494	493424	0.80	YES	dd	50.000	0.0	100		0.502
42	PCB 69/49	15.65	1.197	1353154	1704294	0.79	YES	dd	100.000	0.0	100		0.862
43	PCB 48	15.85	1.213	534853	677103	0.79	YES	dd	50.000	0.0	100		0.683
44	PCB 44/47/65	15.99	1.224	1831854	2315263	0.79	YES	dd	150.000	0.0	100		0.779

Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

ID:

Date: 19-FEB-2016

Time: 12:07:03

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	16.17	1.237	2305500	2924392	0.79	YES	dd	150.000	0.0	100		0.983
46 PCB 42	16.28	1.246	476212	595412	0.80	YES	dd	50.000	0.0	100		0.604
47 PCB 40/41/71	16.57	1.268	1613026	2054117	0.79	YES	dd	150.000	0.0	100		0.689
48 PCB 64	16.71	1.279	702300	893396	0.79	YES	db	50.000	0.0	100		0.900
49 PCB 72	17.21	0.804	970708	1266704	0.77	YES	bd	50.000	0.0	100		1.261
50 PCB 68	17.41	0.813	996285	1306060	0.76	YES	dd	50.000	0.0	100		1.298
51 PCB 57	17.68	0.825	1138815	1480686	0.77	YES	dd	50.000	0.0	100		1.477
52 PCB 58	17.84	0.833	984718	1274390	0.77	YES	dd	50.000	0.0	100		1.274
53 PCB 67	17.96	0.839	1279499	1640811	0.78	YES	dd	50.000	0.0	100		1.647
54 PCB 63	18.14	0.847	1194082	1525324	0.78	YES	dd	50.000	0.0	100		1.533
55 PCB 61/70/74/76	18.35	0.857	4261225	5477876	0.78	YES	dd	200.000	0.0	100		1.373
56 PCB 66	18.59	0.868	1224770	1578996	0.78	YES	dd	50.000	0.0	100		1.581
57 PCB 55	18.71	0.874	957910	1222253	0.78	YES	MM	50.000	0.0	100		1.229
58 PCB 56	19.07	0.890	992924	1278018	0.78	YES	dd	50.000	0.0	100		1.280
59 PCB 60	19.23	0.898	987741	1257646	0.79	YES	dd	50.000	0.0	100		1.266
60 PCB 80	19.48	0.909	1233550	1597667	0.77	YES	dd	50.000	0.0	100		1.596
61 PCB 79	20.63	0.963	1318211	1688758	0.78	YES	dd	50.000	0.0	100		1.695
62 PCB 78	21.08	0.984	1110278	1434719	0.77	YES	ds	50.000	0.0	100		1.435
63 PCB 81	21.44	1.001	1119898	1444034	0.78	YES	MM	64.289	28.6	129	172	1.320
64 PCB 77	21.88	1.001	984236	1280332	0.77	YES	dd	55.210	10.4	110	173	1.189
65 PCB 104	15.94	1.000	751458	474136	1.58	YES	bd	48.543	-2.9	97	174	1.062
66 PCB 96	16.17	1.015	820022	513036	1.60	YES	db	50.000	0.0	100		0.802
67 PCB 103	17.32	1.087	727007	460165	1.58	YES	bd	50.000	-0.0	100		0.714
68 PCB 94	17.48	1.097	534067	332065	1.61	YES	dd	50.000	0.0	100		0.521
69 PCB 95	17.77	1.115	657982	407966	1.61	YES	dd	50.000	-0.0	100		0.641
70 PCB 100/93/102/98	17.93	1.125	2296833	1423076	1.61	YES	dd	200.000	0.0	100		0.559
71 PCB 88/91	18.34	1.151	1172369	724116	1.62	YES	dd	100.000	0.0	100		0.570
72 PCB 84	18.51	1.162	504504	312406	1.61	YES	dd	50.000	0.0	100		0.491
73 PCB 89	18.85	1.183	554827	344078	1.61	YES	dd	50.000	-0.0	100		0.541
74 PCB 121	19.10	1.199	753988	464658	1.62	YES	dd	50.000	0.0	100		0.733
75 PCB 92	19.37	1.215	602157	367166	1.64	YES	dd	50.000	0.0	100		0.583
76 PCB 113/90/101	19.78	1.241	2083663	1302793	1.60	YES	ds	150.000	0.0	100		0.679
77 PCB 83/99	20.24	1.270	1061928	660638	1.61	YES	MM	100.000	-0.0	100		0.518
78 PCB 112	20.33	1.276	854287	526232	1.62	YES	dd	50.000	0.0	100		0.830
79 PCB 109/119/86/97/...	20.63	1.295	4089805	2564597	1.59	YES	db	300.000	0.0	100		0.667
80 PCB 117/116/85	21.22	1.332	2197811	1378812	1.59	YES	MM	150.000	0.0	100		0.717
81 PCB 110/115	21.40	1.343	1379416	852091	1.62	YES	dd	100.000	0.0	100		0.671
82 PCB 82	21.60	1.355	526929	327496	1.61	YES	dd	50.000	0.0	100		0.514
83 PCB 111	21.86	1.372	770036	475807	1.62	YES	dd	50.000	0.0	100		0.749
84 PCB 120	22.26	1.397	874487	543803	1.61	YES	db	50.000	0.0	100		0.853
85 PCB 108/124	23.22	0.988	2530439	1629906	1.55	YES	dd	100.000	-0.0	100		1.251
86 PCB 107	23.41	0.996	1323504	861489	1.54	YES	dd	50.000	0.0	100		1.314
87 PCB 123	23.52	1.001	1249588	795202	1.57	YES	dd	61.075	22.1	122	175	1.093
88 PCB 106	23.64	1.006	1413455	873159	1.62	YES	dd	50.000	0.0	100		1.375
89 PCB 118	23.80	1.001	1214310	804952	1.51	YES	dd	57.363	14.7	115	176	1.126
90 PCB 122	24.11	1.013	1239170	791868	1.56	YES	dd	50.000	0.0	100		1.222
91 PCB 114	24.29	1.001	1267685	809037	1.57	YES	dd	59.270	18.5	119	177	1.198
92 PCB 105	24.86	1.001	1351805	878322	1.54	YES	MM	64.841	29.7	130	178	1.266

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

ID:

Date: 19-FEB-2016

Time: 12:07:03

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	26.19	0.945	1369203	872793	1.57	YES	dd	50.000	0.0	100		1.348
94 PCB 126	27.72	1.001	1234829	782688	1.58	YES	bd	59.589	19.2	119	179	1.164
95 PCB 155	19.64	1.001	594104	450156	1.32	YES	bd	51.679	3.4	103	180	1.030
96 PCB 152	19.80	1.009	599162	485739	1.23	YES	dd	50.000	0.0	100		0.675
97 PCB 150	19.90	1.015	580579	446535	1.30	YES	dd	50.000	0.0	100		0.639
98 PCB 136	20.19	1.029	608281	471230	1.29	YES	dd	50.000	0.0	100		0.672
99 PCB 145	20.42	1.041	525906	404997	1.30	YES	db	50.000	0.0	100		0.579
100 PCB 148	21.56	1.099	439809	343280	1.28	YES	bb	50.000	0.0	100		0.487
101 PCB 151/135	22.06	1.124	811662	636237	1.28	YES	bd	100.000	0.0	100		0.451
102 PCB 154	22.24	1.133	488841	384849	1.27	YES	db	50.000	0.0	100		0.544
103 PCB 144	22.52	1.148	436252	339253	1.29	YES	MM	50.000	0.0	100		0.483
104 PCB 147/149	22.81	1.163	1169561	908964	1.29	YES	MM	100.000	0.0	100		0.647
105 PCB 134/143	23.06	1.175	1018437	789648	1.29	YES	MM	100.000	-0.0	100		0.563
106 PCB 139/140	23.32	1.189	1159791	892622	1.30	YES	MM	100.000	0.0	100		0.639
107 PCB 131	23.50	1.198	466480	357406	1.31	YES	dd	50.000	0.0	100		0.513
108 PCB 142	23.66	1.206	528168	408120	1.29	YES	dd	50.000	0.0	100		0.583
109 PCB 132	23.89	1.218	472434	367257	1.29	YES	db	50.000	0.0	100		0.523
110 PCB 133	24.30	1.239	564036	436411	1.29	YES	bs	50.000	0.0	100		0.623
111 PCB 165	24.68	0.836	648168	499228	1.30	YES	dd	50.000	0.0	100		0.714
112 PCB 146	24.89	0.843	599683	466157	1.29	YES	dd	50.000	0.0	100		0.663
113 PCB 161	25.02	0.848	808810	618470	1.31	YES	dd	50.000	0.0	100		0.888
114 PCB 153/168	25.46	0.863	1434101	1110796	1.29	YES	dd	100.000	0.0	100		0.792
115 PCB 141	25.64	0.869	563803	434166	1.30	YES	dd	50.000	0.0	100		0.621
116 PCB 130	26.01	0.882	506959	389838	1.30	YES	dd	50.000	0.0	100		0.558
117 PCB 137	26.23	0.889	508349	396921	1.28	YES	MM	50.000	0.0	100		0.563
118 PCB 164	26.32	0.892	748402	579308	1.29	YES	MM	50.000	0.0	100		0.826
119 PCB 138/163/129	26.62	0.902	1747627	1355829	1.29	YES	dd	150.000	0.0	100		0.644
120 PCB 160	26.78	0.907	655000	506932	1.29	YES	dd	50.000	0.0	100		0.723
121 PCB 158	26.99	0.915	823709	640356	1.29	YES	db	50.000	0.0	100		0.911
122 PCB 128/166	27.81	0.943	1269969	980635	1.30	YES	dd	100.000	0.0	100		0.700
123 PCB 159	28.78	0.975	1239003	976424	1.27	YES	dd	50.000	0.0	100		1.379
124 PCB 162	29.06	0.985	1127856	886896	1.27	YES	dd	50.000	0.0	100		1.254
125 PCB 167	29.55	1.001	1286418	1013614	1.27	YES	dd	64.734	29.5	129	181	1.225
126 PCB 156/157	30.71	1.001	2408902	1876763	1.28	YES	bd	122.661	22.7	123	182	1.248
127 PCB 169	34.11	1.001	1152021	872593	1.32	YES	bb	58.358	16.7	117	183	1.114
128 PCB 188	24.25	1.001	519181	484278	1.07	YES	bd	51.662	3.3	103	184	1.046
129 PCB 179	24.55	1.014	560182	520707	1.08	YES	dd	50.000	0.0	100		1.016
130 PCB 184	25.02	1.033	518104	478222	1.08	YES	dd	50.000	0.0	100		0.937
131 PCB 176	25.34	1.046	552298	503698	1.10	YES	dd	50.000	0.0	100		0.993
132 PCB 186	25.76	1.064	477662	442341	1.08	YES	db	50.000	0.0	100		0.865
133 PCB 178	27.03	1.116	381540	348502	1.09	YES	bb	50.000	0.0	100		0.686
134 PCB 175	27.63	1.141	384407	356032	1.08	YES	bd	50.000	0.0	100		0.696
135 PCB 187	27.88	1.152	369475	346534	1.07	YES	dd	50.000	0.0	100		0.673
136 PCB 182	28.10	1.160	372582	344482	1.08	YES	db	50.000	0.0	100		0.674
137 PCB 183	28.51	0.888	636045	591035	1.08	YES	bd	50.000	0.0	100		1.153
138 PCB 185	28.60	0.891	449092	407594	1.10	YES	dd	50.000	0.0	100		0.805
139 PCB 174	28.72	0.895	527176	480061	1.10	YES	db	50.000	0.0	100		0.947
140 PCB 177	29.17	0.909	510590	469085	1.09	YES	bd	50.000	0.0	100		0.921



## Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

ID:

Date: 19-FEB-2016

Time: 12:07:03

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	489352	452626	1.08	YES	dd	50.000	0.0	100		0.885
142 PCB 171/173	29.80	0.928	991853	918626	1.08	YES	dd	100.000	0.0	100		0.898
143 PCB 172	31.46	0.980	496348	458709	1.08	YES	dd	50.000	-0.0	100		1.043
144 PCB 192	31.76	0.989	576574	532809	1.08	YES	dd	100.000	0.0	100	185	1.408
145 PCB 193/180	32.09	0.999	1222229	1128953	1.08	YES	dd	50.000	-0.0	100		1.240
146 PCB 191	32.52	1.013	685741	633287	1.08	YES	db	51.453	2.9	103	186	1.308
147 PCB 170	33.46	1.001	490242	456160	1.07	YES	bb	50.000	0.0	100		1.277
148 PCB 190	34.04	1.018	706033	652721	1.08	YES	bs	50.000	0.0	100		0.991
149 PCB 189	36.88	1.001	869320	851615	1.02	YES	dd	52.497	5.0	105	187	1.016
150 PCB 202	29.28	1.001	595575	667040	0.89	YES	bb	77.133	2.8	103	188	1.068
151 PCB 201	30.21	1.032	699082	775729	0.90	YES	bb	75.000	0.0	100		1.052
152 PCB 204	30.91	1.056	688207	764676	0.90	YES	bd	75.000	0.0	100		0.951
153 PCB 197	31.14	1.064	620219	693771	0.89	YES	dd	75.000	0.0	100		1.056
154 PCB 200	31.25	1.068	696915	761376	0.92	YES	db	75.000	0.0	100		0.702
155 PCB 198/199	34.18	1.168	919474	1019976	0.90	YES	bb	150.000	0.0	100		0.734
156 PCB 196	34.91	0.879	481957	531535	0.91	YES	bd	75.000	0.0	100		0.711
157 PCB 203	35.15	0.885	464976	516395	0.90	YES	db	75.000	0.0	100		1.046
158 PCB 195	36.58	0.921	698811	746039	0.94	YES	dd	75.000	0.0	100		1.119
159 PCB 194	39.22	0.987	747652	797306	0.94	YES	bd	75.000	0.0	100		1.141
160 PCB 205	39.74	1.001	837051	896204	0.93	YES	db	78.457	4.6	105	189	1.028
161 PCB 208	36.33	1.001	483393	619901	0.78	YES	bb	75.354	0.5	100	190	1.304
162 PCB 207	37.36	1.029	525335	670228	0.78	YES	bb	75.000	0.0	100		1.000
163 PCB 206	41.74	1.001	338820	421896	0.80	YES	bb	73.027	-2.6	97	191	1.105
164 PCB 209	43.57	1.001	462575	379398	1.22	YES	bb	79.679	6.2	106	192	0.937
165 PCB 1L	9.00	0.805	3003094	935837	3.21	YES	bs	113.757	13.8	114	199	0.959
166 PCB 3L	10.19	0.911	3060844	968829	3.16	YES	bs	112.476	12.5	112	199	0.578
167 PCB 4L	10.30	0.921	1488192	941798	1.58	YES	bb	106.541	6.5	107	199	1.219
168 PCB 15L	12.94	1.157	3159376	1965952	1.61	YES	bb	113.500	13.5	113	199	0.563
169 PCB 19L	11.69	1.045	1219654	1148156	1.06	YES	bs	97.422	-2.6	97	199	2.013
170 PCB 37L	16.69	1.087	2275361	2164070	1.05	YES	bb	101.342	1.3	101	200	1.338
171 PCB 54L	13.07	0.851	1303185	1647496	0.79	YES	bb	103.143	3.1	103	200	1.761
172 PCB 81L	21.42	1.395	1744165	2139235	0.82	YES	bd	101.334	1.3	101	200	1.727
173 PCB 77L	21.86	1.424	1703613	2103989	0.81	YES	db	102.959	3.0	103	200	1.298
174 PCB 104L	15.94	0.806	1418284	888785	1.60	YES	bb	112.356	12.4	112	201	2.107
175 PCB 123L	23.50	1.188	2312908	1430132	1.62	YES	bd	108.822	8.8	109	201	2.019
176 PCB 118L	23.79	1.203	2218019	1368548	1.62	YES	db	105.918	5.9	106	201	1.952
177 PCB 114L	24.27	1.227	2148149	1320057	1.63	YES	bb	110.104	10.1	110	201	1.982
178 PCB 105L	24.84	1.256	2186141	1335944	1.64	YES	bb	108.773	8.8	109	201	1.951
179 PCB 126L	27.71	1.401	2141787	1325012	1.62	YES	bb	112.428	12.4	112	201	1.266
180 PCB 155L	19.62	0.738	1133283	894320	1.27	YES	bb	90.187	-9.8	90	202	2.345
181 PCB 167L	29.51	1.110	2113694	1642720	1.29	YES	db	111.148	11.1	111	202	2.145
182 PCB 156L/157L	30.69	1.155	3875068	2995449	1.29	YES	bs	223.286	11.6	112	202	2.269
183 PCB 169L	34.09	1.282	2050389	1584509	1.29	YES	bb	120.302	20.3	120	202	1.198
184 PCB 188L	24.21	0.911	988154	931306	1.06	YES	bb	90.138	-9.9	90	202	1.252
185 PCB 180L	32.10	0.819	869096	801290	1.08	YES	bb	92.817	-7.2	93	203	1.084
186 PCB 170L	33.43	0.853	751075	696140	1.08	YES	bb	91.893	-8.1	92	203	2.603
187 PCB 189L	36.86	0.940	1797327	1676262	1.07	YES	db	120.657	20.7	121	203	1.242
188 PCB 202L	29.26	0.747	790571	866957	0.91	YES	bb	87.503	-12.5	88	203	

## Quantify Sample Summary Report

MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

## ID:

Date: 19-FEB-2016

Time: 12:07:03

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	1.013	973652	1052074	0.93	YES	db	99.128	-0.9	99	203	1.518
190 PCB 208L	36.31	0.926	633618	796974	0.80	YES	bb	94.083	-5.9	94	203	1.072
191 PCB 206L	41.72	1.064	449841	564854	0.80	YES	bb	100.106	0.1	100	203	0.760
192 PCB 209L	43.55	1.111	556879	459311	1.21	YES	bb	105.129	5.1	105	203	0.761
193 PCB 28L	14.42	0.939	2926419	2791632	1.05	YES	ds	127.154	27.2	127	200	2.593
194 PCB 111L	21.85	1.104	1474561	919624	1.60	YES	bb	100.331	0.3	100	201	1.347
195 PCB 178L	26.99	1.015	579940	550614	1.05	YES	bb	96.297	-3.7	96	202	0.706
196 PCB 31L	14.26	0.928	2713561	2576909	1.05	YES	dd	124.029	24.0	124	200	2.399
197 PCB 95L	17.75	0.897	1040680	655502	1.59	YES	bb	100.893	0.9	101	201	0.955
198 PCB 153L	25.43	0.956	1090859	846263	1.29	YES	bb	98.708	-1.3	99	202	1.209
199 PCB 9L	11.19	0.000	2582965	1620294	1.59	YES	bd	100.000	0.0	100	0	42032...
200 PCB 52L	15.36	0.000	975175	1229979	0.79	YES	bd	100.000	0.0	100	0	22051...
201 PCB 101L	19.78	0.000	1100025	676770	1.63	YES	bb	100.000	0.0	100	0	17767...
202 PCB 138L	26.58	0.000	902485	699368	1.29	YES	bb	100.000	0.0	100	0	16018...
203 PCB 194L	39.19	0.000	644412	690101	0.93	YES	bd	100.000	0.0	100	0	13345...
204 Total MoCB F1								79.801				165
205 Total MoCB labeled ...								226.414				199
206 Total DiCB F1								53.022				167
207 Total DiCB labeled F1								106.541				199
208 Total DiCB F2								255.398				168
209 Total DiCB labeled F2								213.500				199
210 Total TriCB F2								202.188				169
211 Total TriCB labeled F2								97.816				199
212 Total TriCB F3								409.904				170
213 Total TriCB labeled F3								354.340				200
214 Total TeCB F2								55.555				171
215 Total TeCB labeled F2								103.143				200
216 Total TeCB F3								1100....				171
217 Total TeCB labeled F3								100.000				200
218 Total TeCB F4								972.045				172
219 Total TeCB labeled F4								209.437				200
220 Total PeCB F3								98.543				174
221 Total PeCB labeled F3								112.356				201
222 Total PeCB F4								1655....				175
223 Total PeCB labeled F4								301.224				201
224 Total PeCB F5								615.502				175
225 Total PeCB labeled F5								548.353				201
226 Total HxCB F4								501.679				180
227 Total HxCB labeled F4								90.642				202
228 Total HxCB F5								1303....				181
229 Total HxCB labeled F5								198.709				202
230 Total HxCB F6								363.939				181
231 Total HxCB labeled F6								458.434				202
232 Total HpCB F5								451.662				184
233 Total HpCB labeled ...								187.459				203
234 Total HpCB F6								717.420				185
235 Total HpCB labeled ...								185.200				203
236 Total HpCB F7								68.204				187

AutoSpec Ultima - M2

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:49 PM Eastern Standard Time

**ID:**

**Date: 19-FEB-2016**

**Time: 12:07:03**

**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 ...								129.179			203	
238	Total OcCB F6								677.133			188	
239	Total OcCB labeled ...								87.695			203	
240	Total OcCB F7								237.144			189	
241	Total OcCB labeled ...								199.130			203	
242	Total NoCB F7								224.193			190	
243	Total NoCB labeled ...								195.642			203	
244	Total DeCB F7								79.679			192	
245	Total DeCB labeled ...								105.129			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	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668\_M2160219.mdb 21 Feb 2016 16:35:56

Calibration: 21 Feb 2016 16:43:25

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

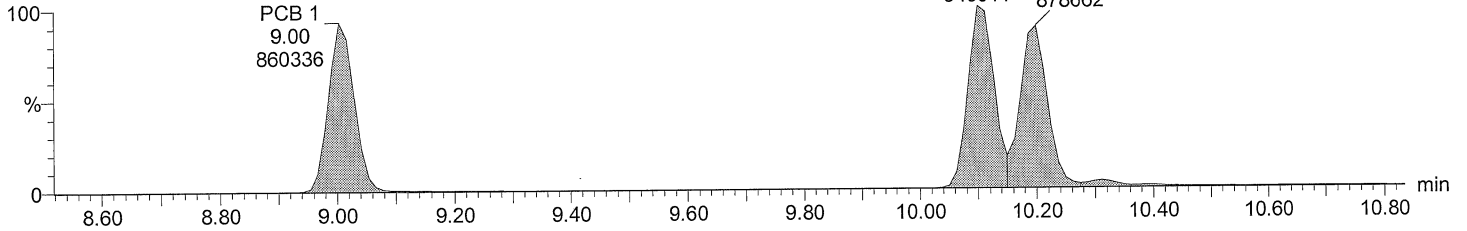
Instrument: Autospec-UltimaE

Total MoCB F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 2  
10.10  
946011  
PCB 3  
10.20  
878662

F1:SIR of 10 channels,EI+  
188.0393  
1.823e+007

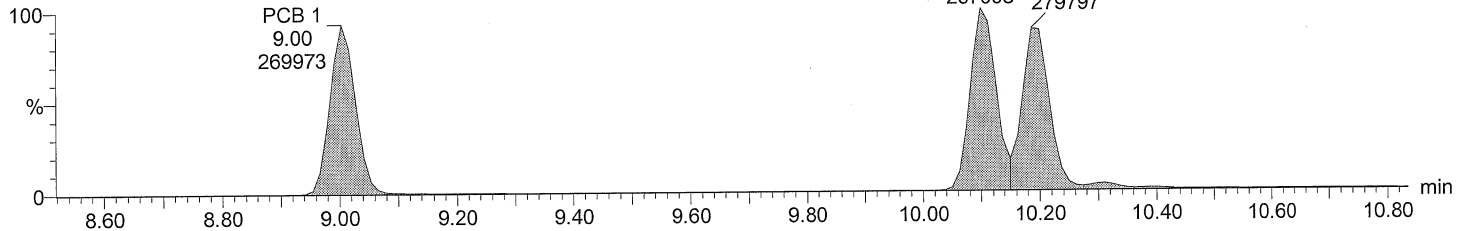


Total MoCB F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 2  
10.10  
297033  
PCB 3  
10.19  
279797

F1:SIR of 10 channels,EI+  
190.0363  
5.789e+006

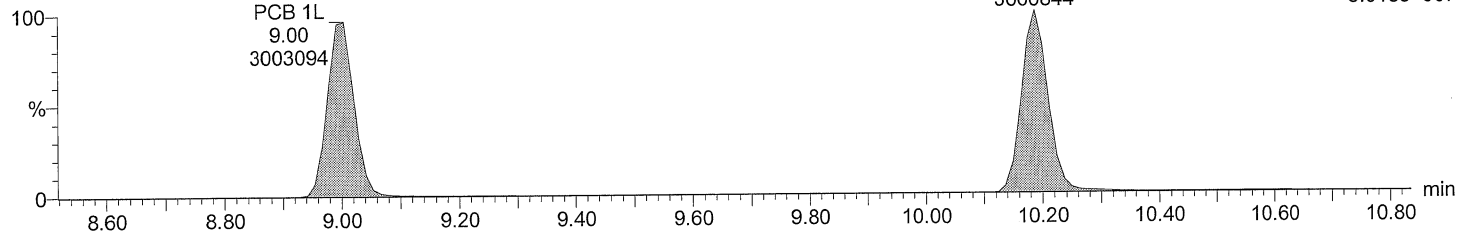


Total MoCB labeled F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 3L  
10.19  
3060844

F1:SIR of 10 channels,EI+  
200.0795  
5.918e+007

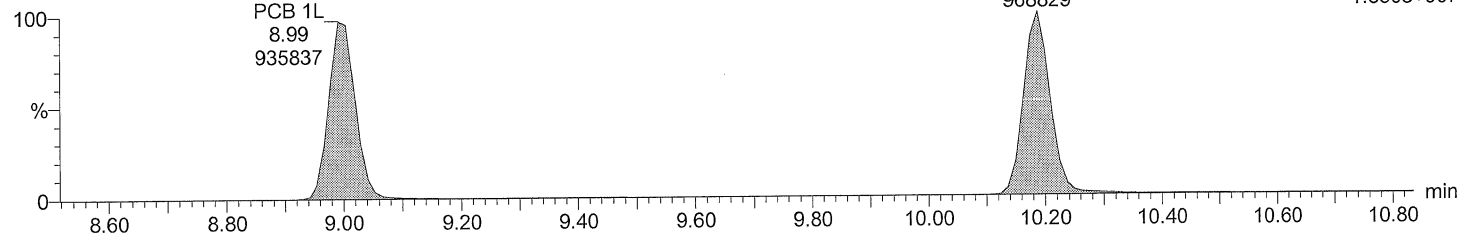


Total MoCB labeled F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 3L  
10.19  
968829

F1:SIR of 10 channels,EI+  
202.076  
1.850e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

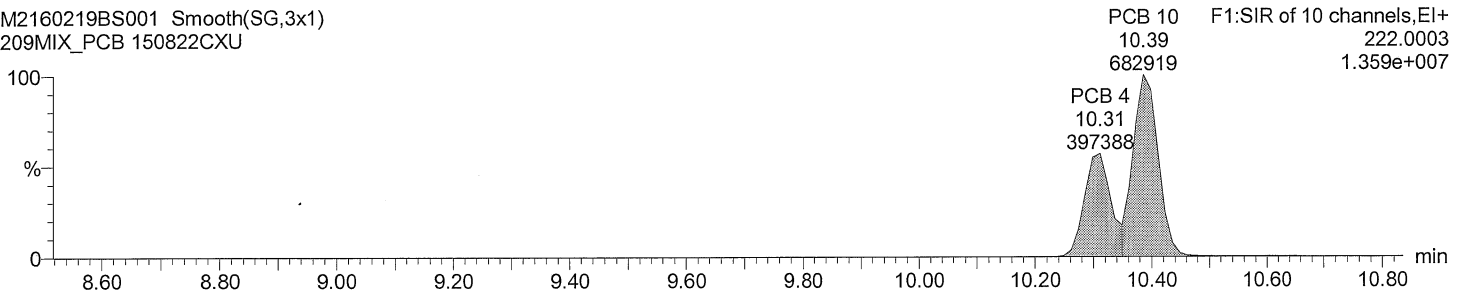
Date: 19-FEB-2016

Time: 12:07:03

Instrument: Autospec-UltimaE

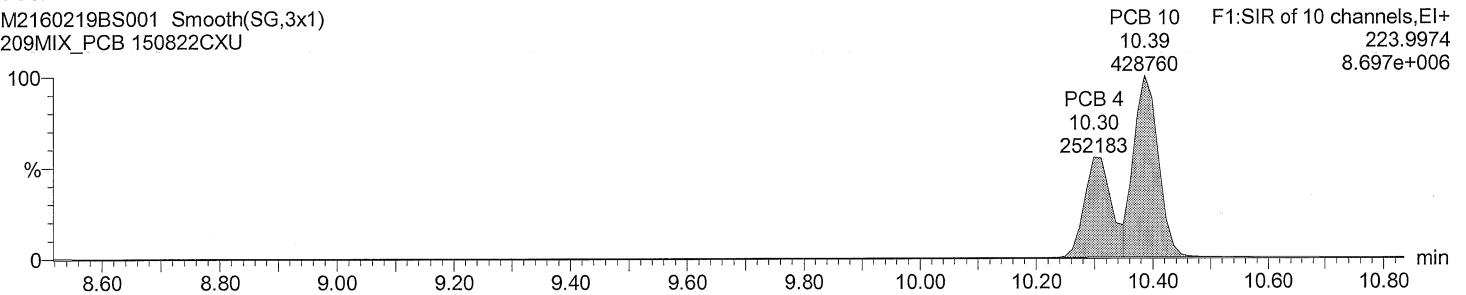
Total DiCB F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



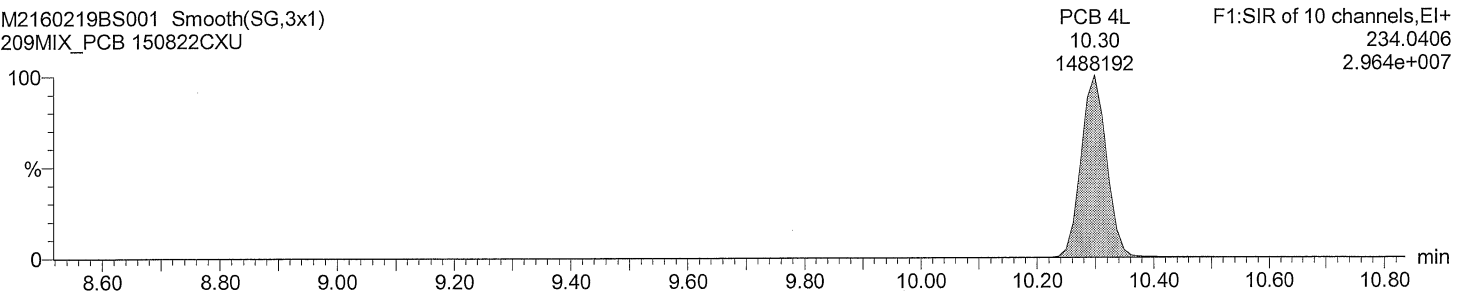
Total DiCB F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



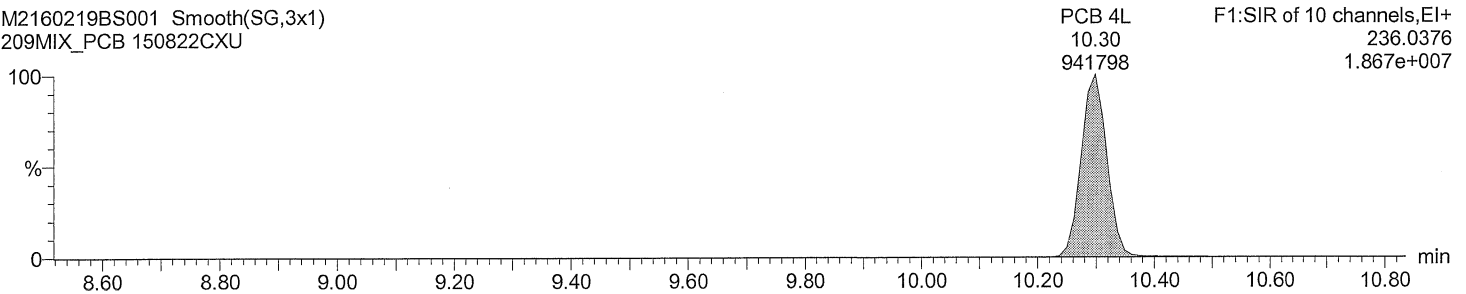
Total DiCB labeled F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Total DiCB labeled F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

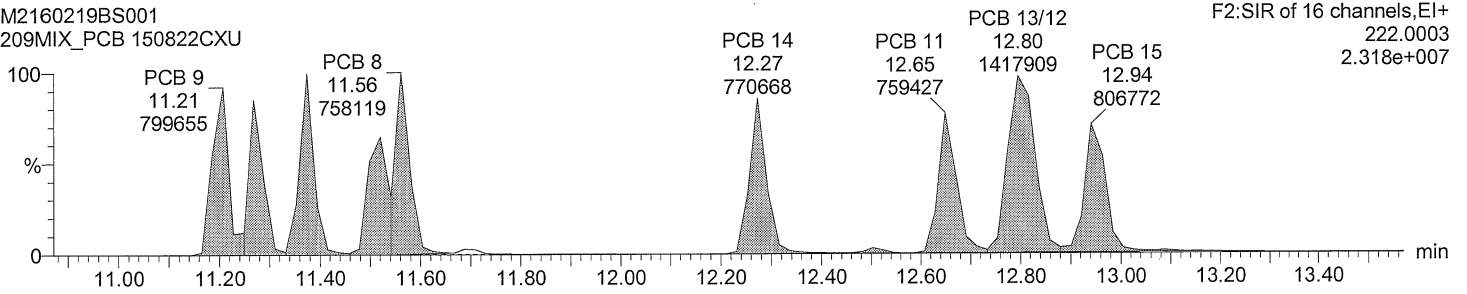
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Instrument: Autospec-UltimaE

Total DiCB F2

M2160219BS001

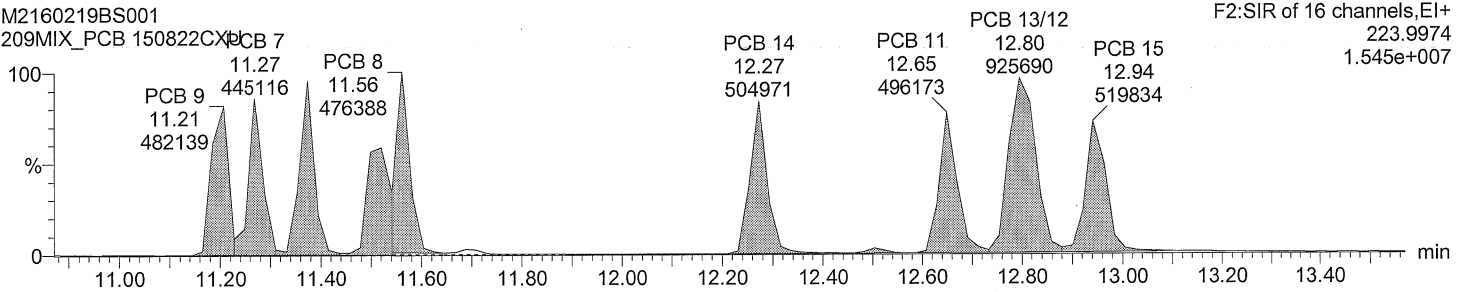
209MIX\_PCB 150822CXU



Total DiCB F2

M2160219BS001

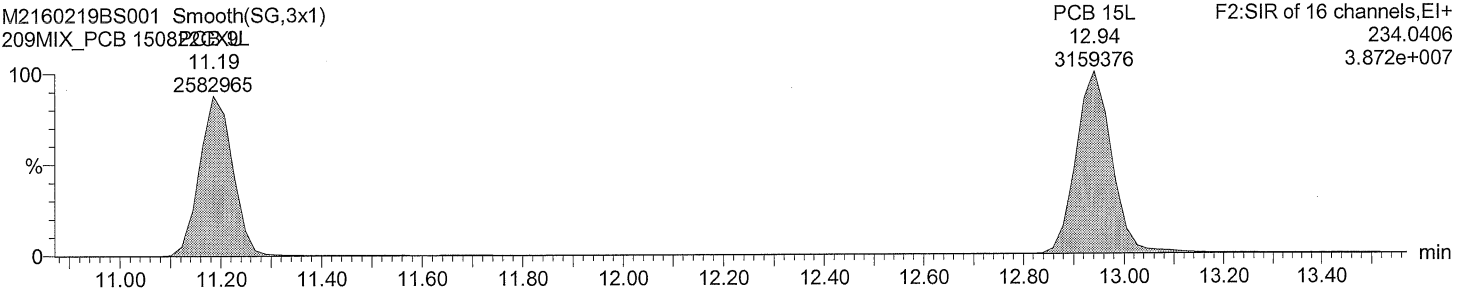
209MIX\_PCB 150822CXU



Total DiCB labeled F2

M2160219BS001 Smooth(SG,3x1)

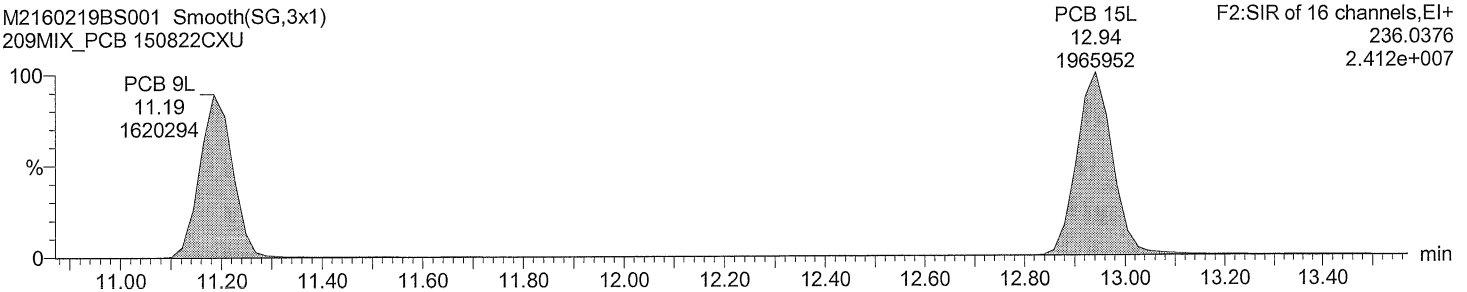
209MIX\_PCB 150822CXU



Total DiCB labeled F2

M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

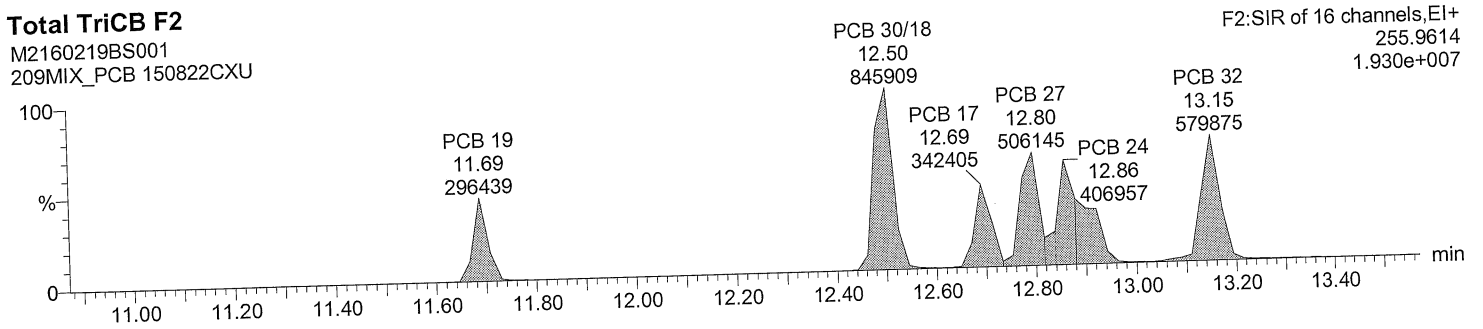
Date: 19-FEB-2016

Time: 12:07:03

Instrument: Autospec-UltimaE

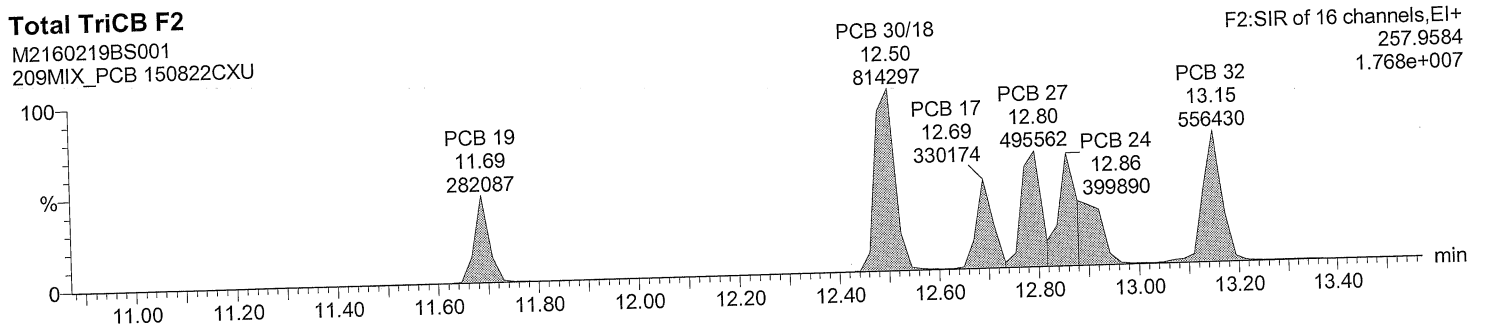
**Total TriCB F2**

M2160219BS001  
209MIX\_PCB 150822CXU



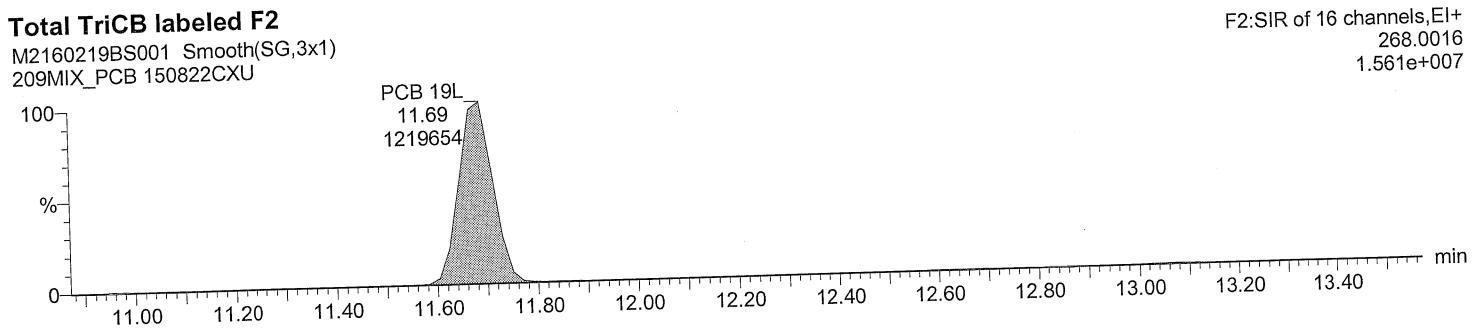
**Total TriCB F2**

M2160219BS001  
209MIX\_PCB 150822CXU



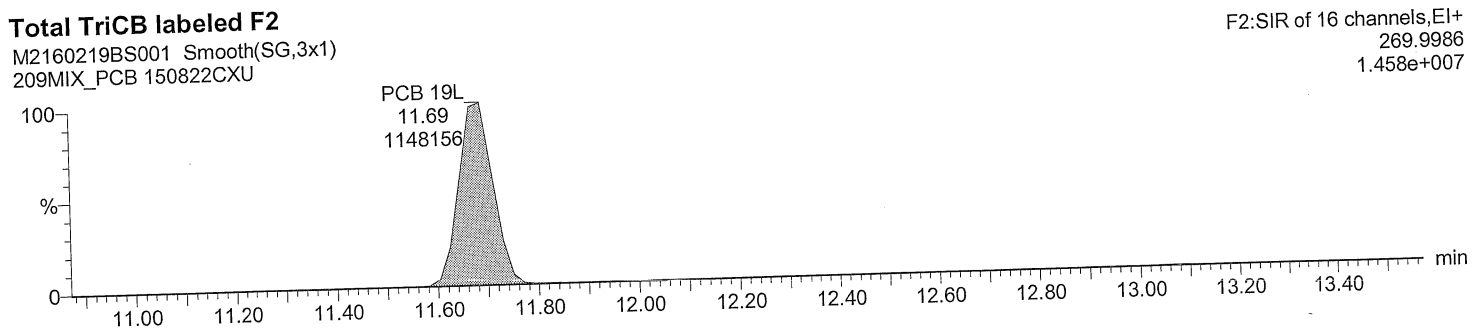
**Total TriCB labeled F2**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Total TriCB labeled F2**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

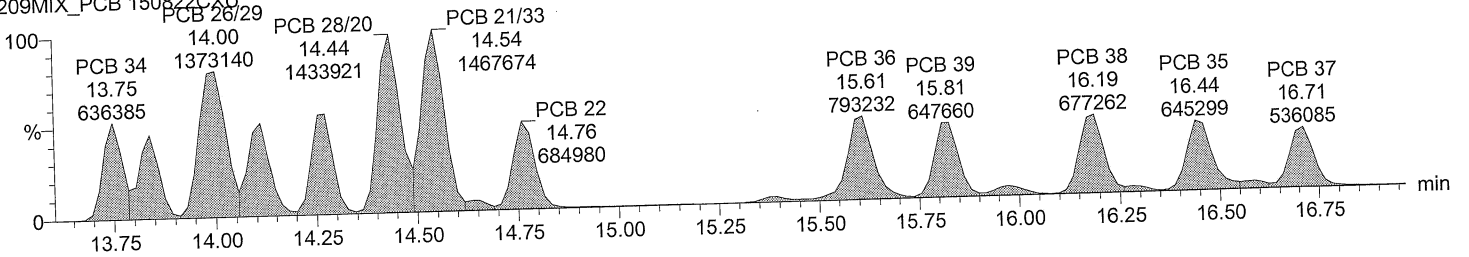
Instrument: Autospec-UltimaE

**Total TriCB F3**

M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU

F3:SIR of 14 channels, EI+  
255.9614  
2.255e+007

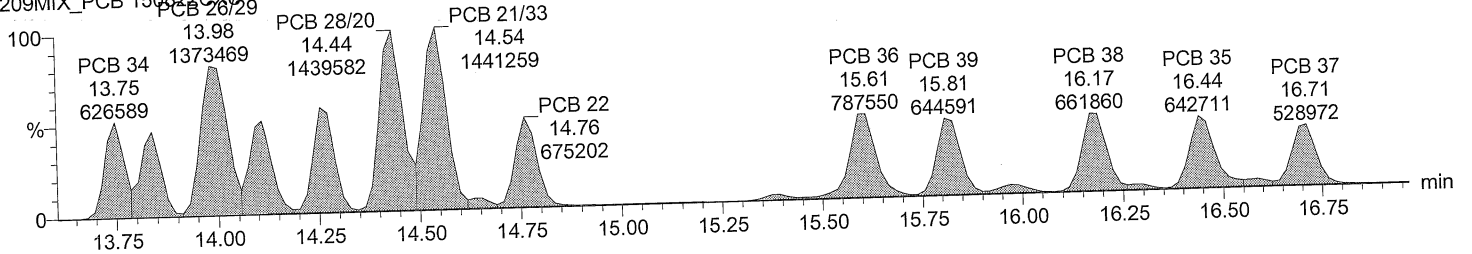


**Total TriCB F3**

M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU

F3:SIR of 14 channels, EI+  
257.9584  
2.202e+007

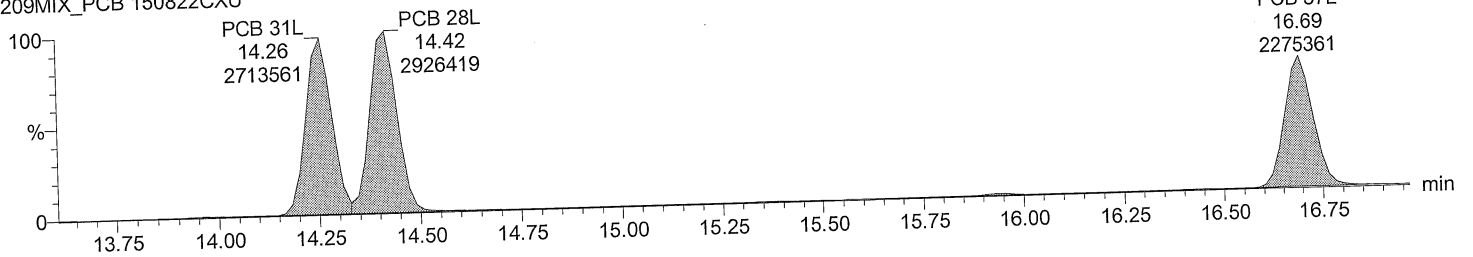


**Total TriCB labeled F3**

M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F3:SIR of 14 channels, EI+  
268.0016  
3.748e+007

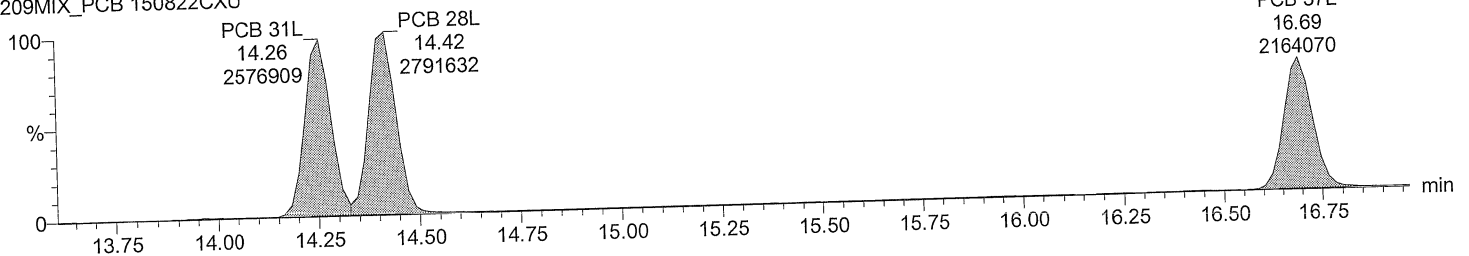


**Total TriCB labeled F3**

M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F3:SIR of 14 channels, EI+  
269.9986  
3.556e+007





Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

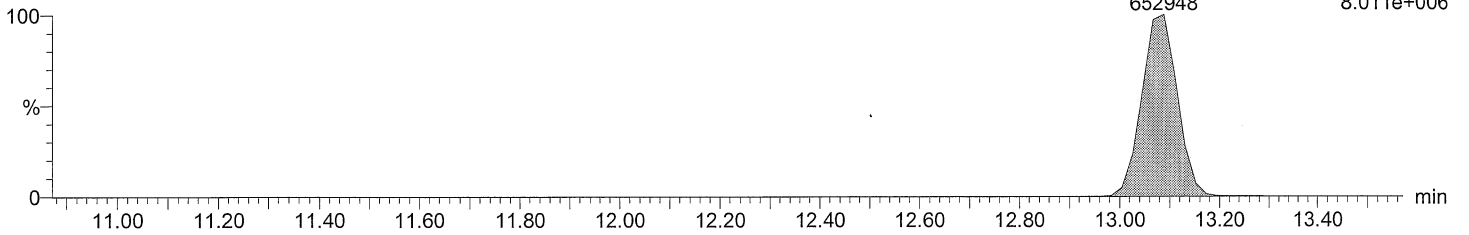
Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 12:07:03  
Instrument: Autospec-UltimaE

Total TeCB F2

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

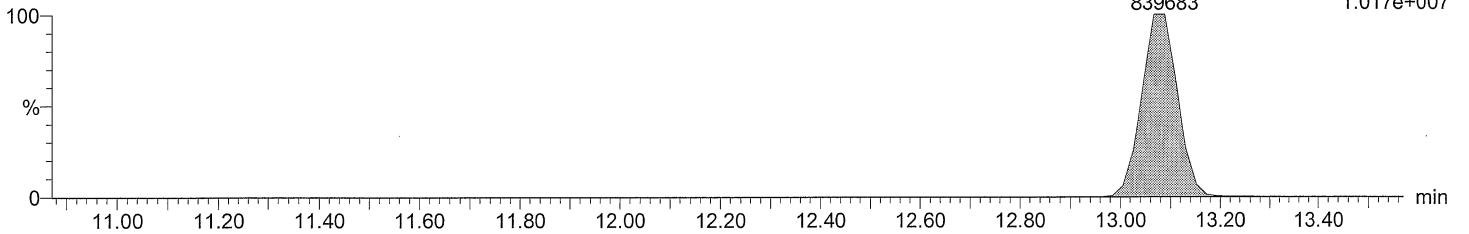
PCB 54 F2:SIR of 16 channels,EI+  
13.09 289.9224  
652948 8.011e+006



Total TeCB F2

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

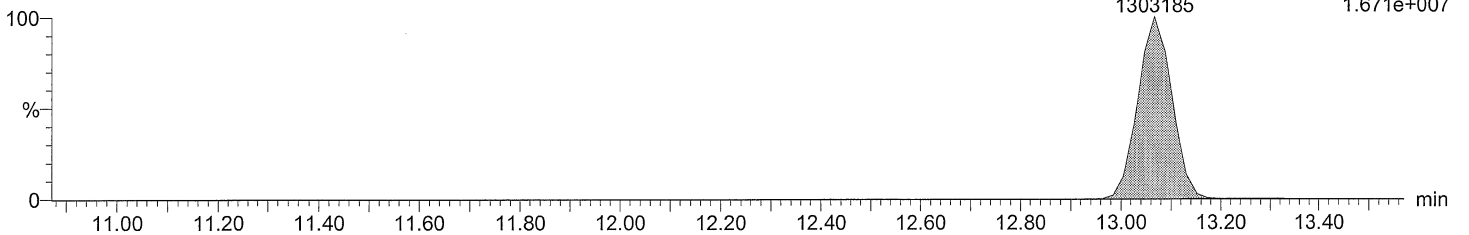
PCB 54 F2:SIR of 16 channels,EI+  
13.09 291.9194  
839683 1.017e+007



Total TeCB labeled F2

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

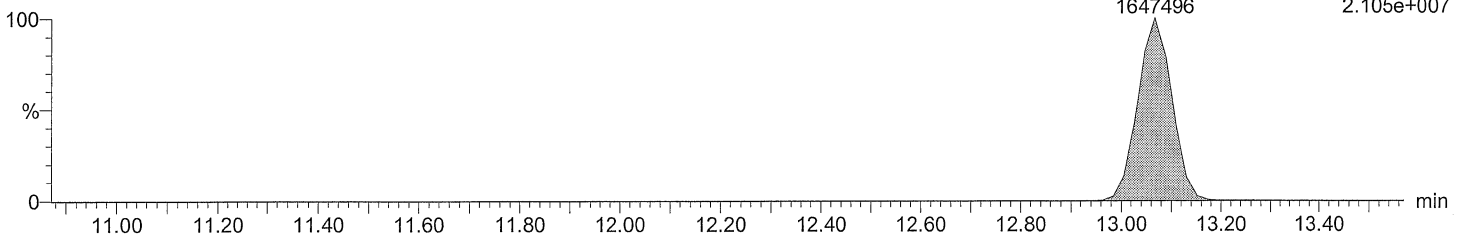
PCB 54L F2:SIR of 16 channels,EI+  
13.07 301.9626  
1303185 1.671e+007



Total TeCB labeled F2

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 54L F2:SIR of 16 channels,EI+  
13.07 303.9597  
1647496 2.105e+007



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

Vial: 1

Date: 19-FEB-2016

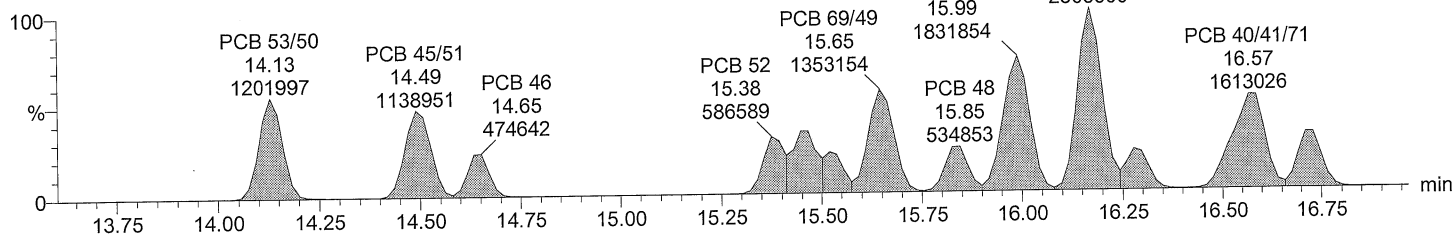
Time: 12:07:03

Instrument: Autospec-UltimaE

**Total TeCB F3**

M2160219BS001 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

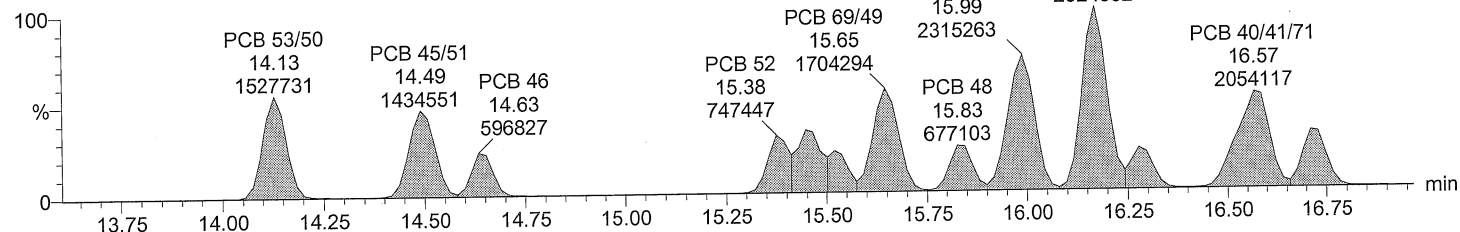
PCB 59/62/75 16.17 2305500  
F3:SIR of 14 channels, EI+ 289.9224 3.244e+007



**Total TeCB F3**

M2160219BS001 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

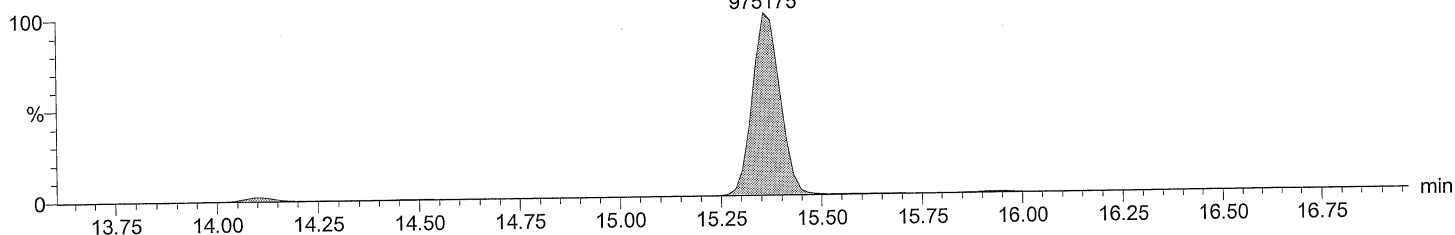
PCB 59/62/75 16.17 2924392  
F3:SIR of 14 channels, EI+ 291.9194 4.096e+007



**Total TeCB labeled F3**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

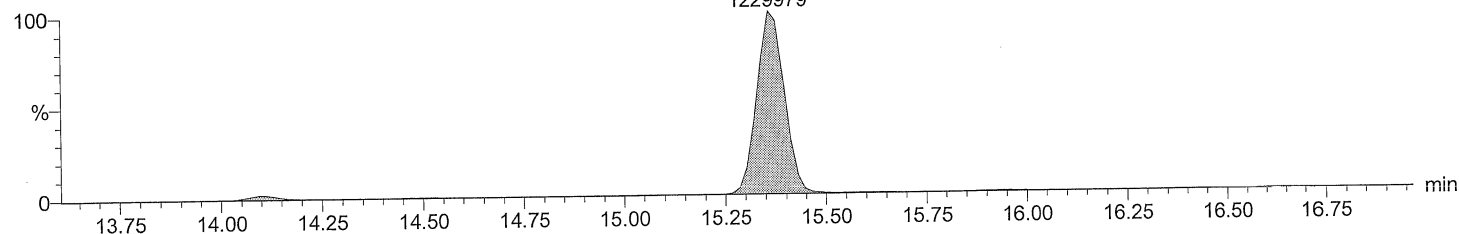
PCB 52L 15.36 975175  
F3:SIR of 14 channels, EI+ 301.9626 1.232e+007



**Total TeCB labeled F3**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 52L 15.36 1229979  
F3:SIR of 14 channels, EI+ 303.9597 1.565e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

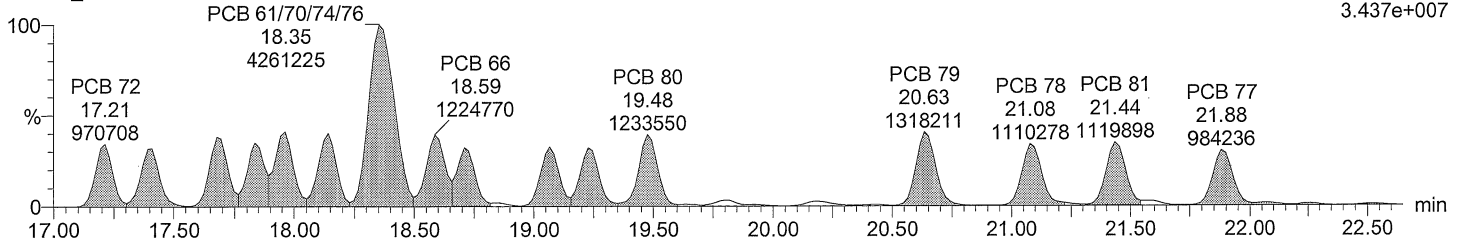
Time: 12:07:03

Instrument: Autospec-UltimaE

Total TeCB F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

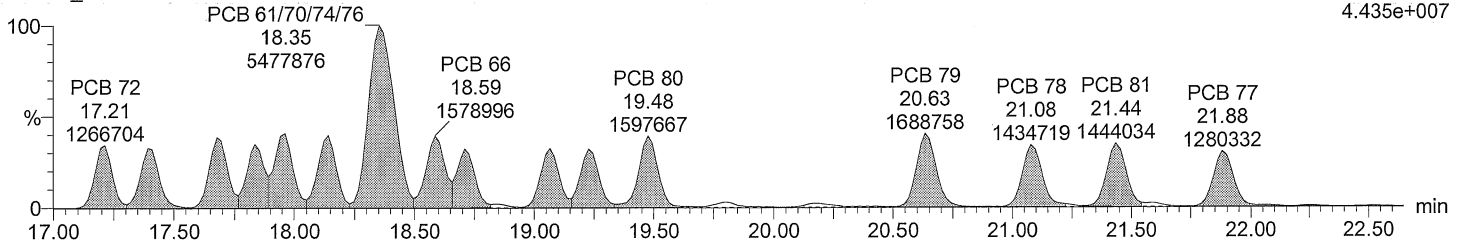
F4:SIR of 14 channels,EI+  
289.9224  
3.437e+007



Total TeCB F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

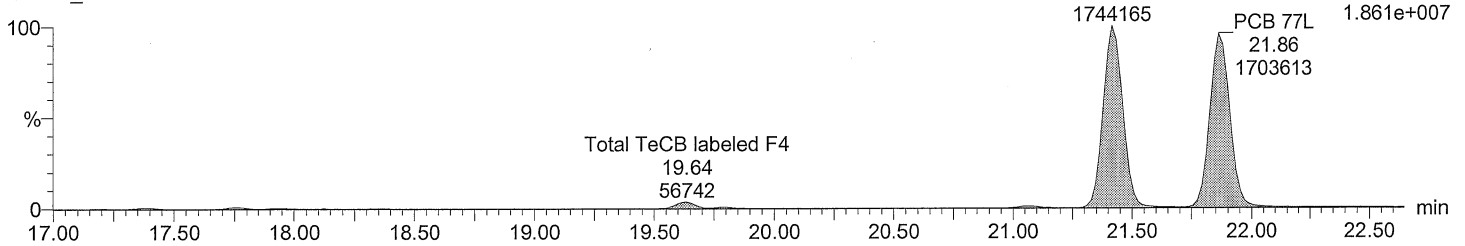
F4:SIR of 14 channels,EI+  
291.9194  
4.435e+007



Total TeCB labeled F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

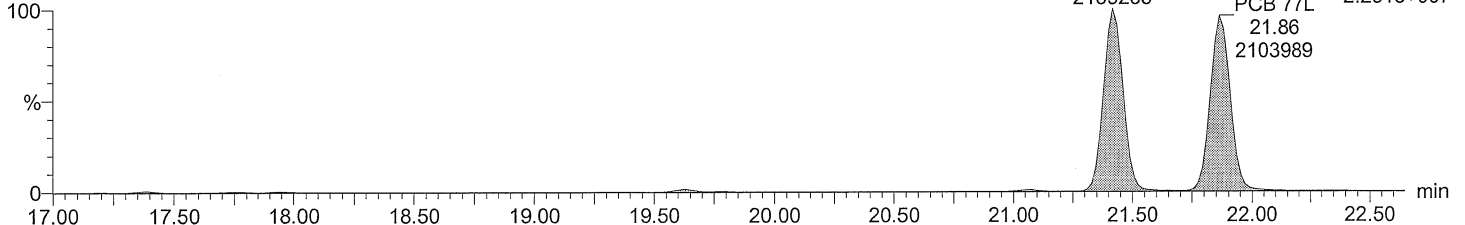
PCB 81L 21.42 1744165  
PCB 77L 21.86 1703613  
F4:SIR of 14 channels,EI+  
301.9626  
1.861e+007



Total TeCB labeled F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 81L 21.42 2139235  
PCB 77L 21.86 2103989  
F4:SIR of 14 channels,EI+  
303.9597  
2.291e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

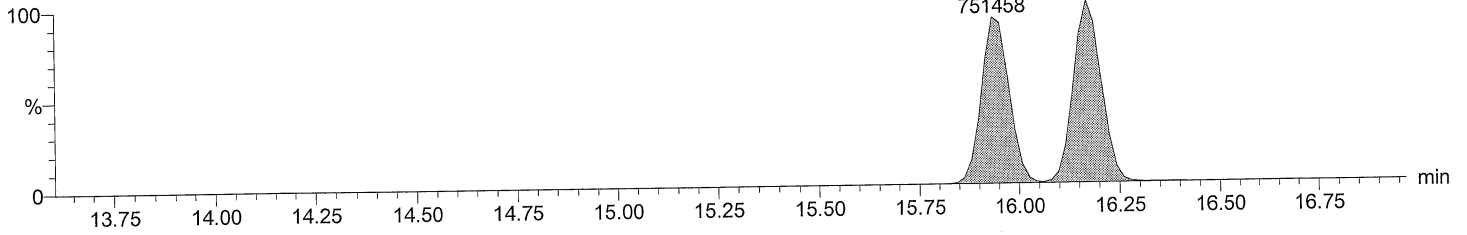
Instrument: Autospec-UltimaE

Total PeCB F3

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 104 15.94 751458  
PCB 96 16.17 820022

F3:SIR of 14 channels,EI+  
325.8805  
1.028e+007

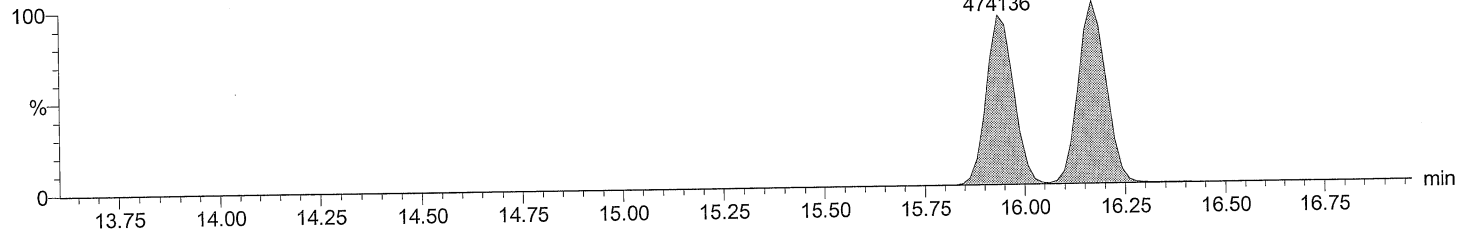


Total PeCB F3

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 104 15.94 474136  
PCB 96 16.17 513036

F3:SIR of 14 channels,EI+  
327.8775  
6.461e+006

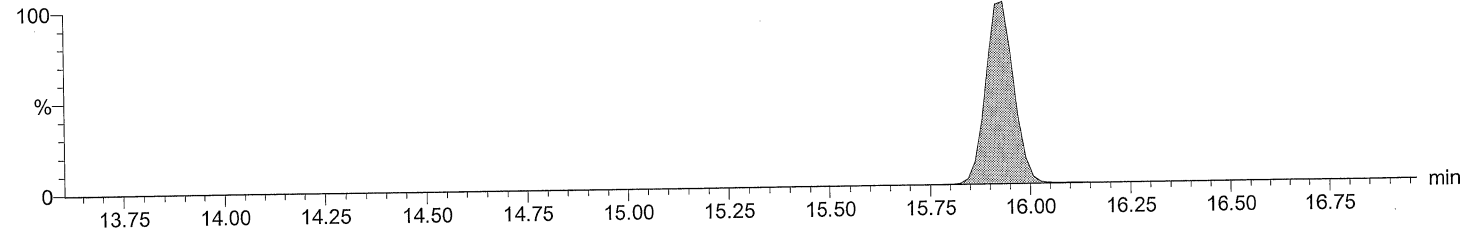


Total PeCB labeled F3

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 104L 15.94 1418284

F3:SIR of 14 channels,EI+  
337.9207  
1.750e+007

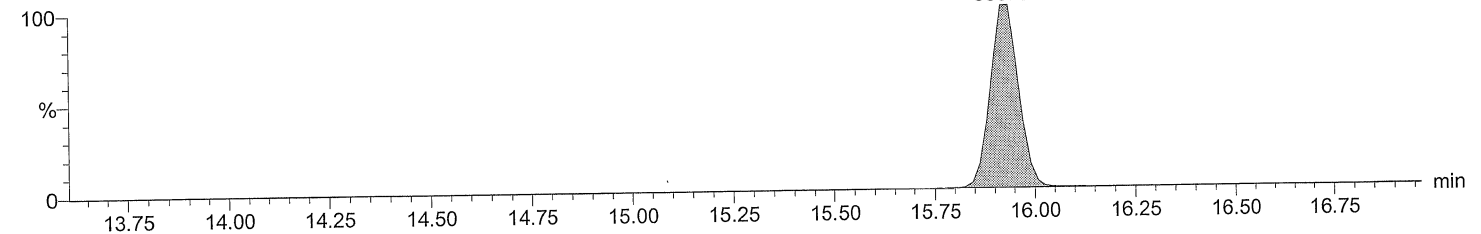


Total PeCB labeled F3

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 104L 15.94 888785

F3:SIR of 14 channels,EI+  
339.9178  
1.093e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

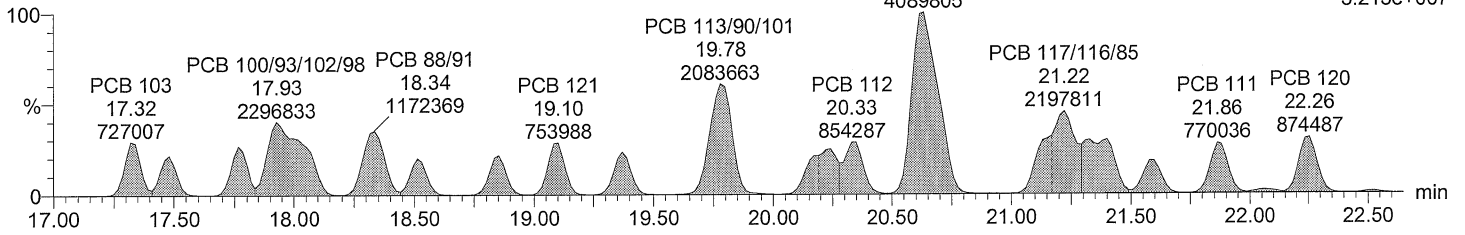
Instrument: Autospec-UltimaE

Total PeCB F4

M2160219BS001 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

PCB 109/119/86/97/125/87

F4:SIR of 14 channels,EI+  
325.8805  
3.213e+007

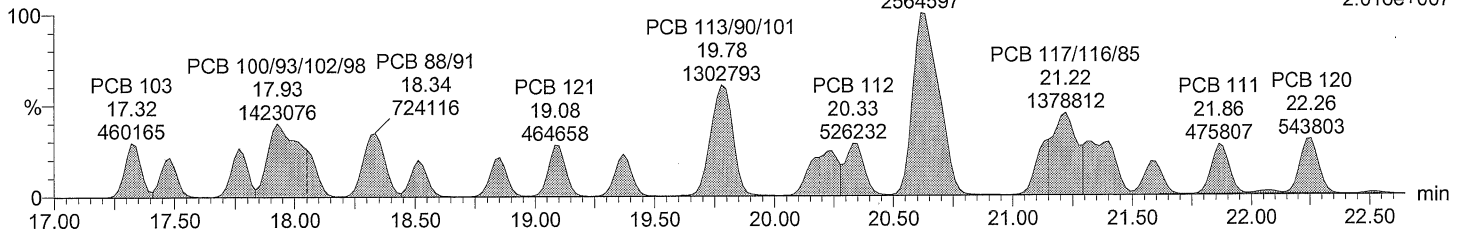


Total PeCB F4

M2160219BS001 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

PCB 109/119/86/97/125/87

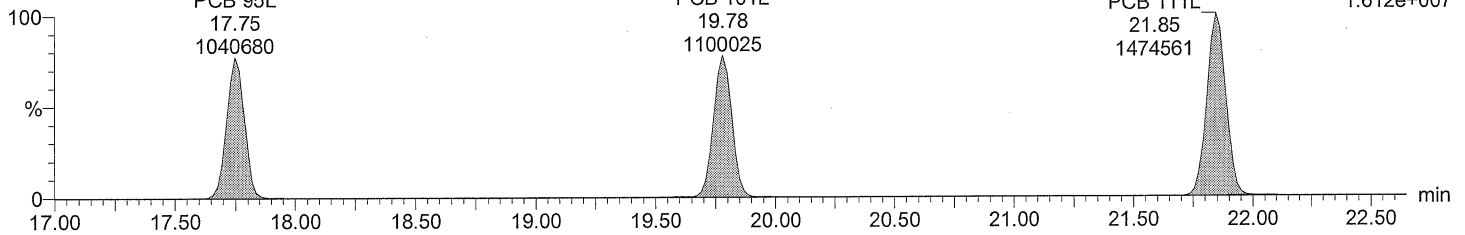
F4:SIR of 14 channels,EI+  
327.8775  
2.016e+007



Total PeCB labeled F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

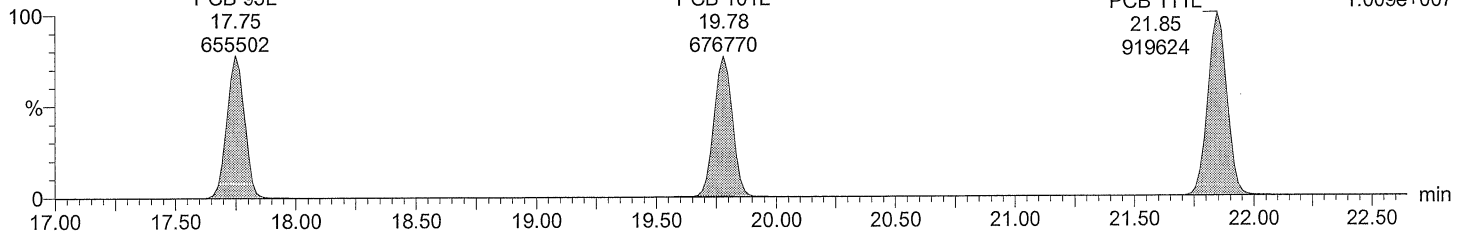
F4:SIR of 14 channels,EI+  
337.9207  
1.612e+007



Total PeCB labeled F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F4:SIR of 14 channels,EI+  
339.9178  
1.009e+007



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

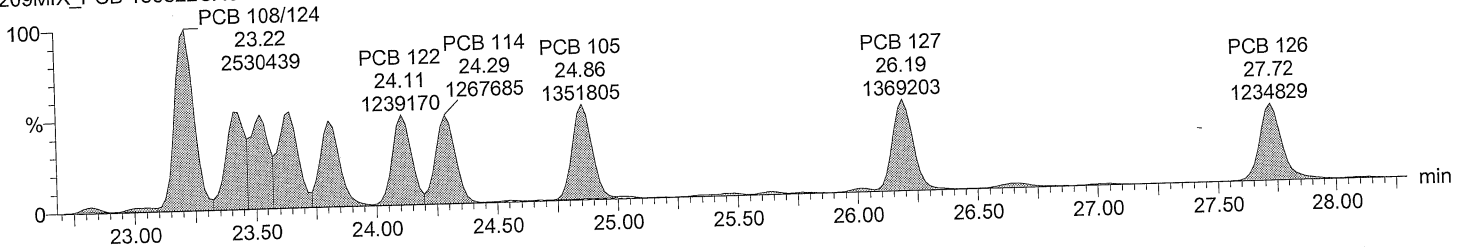
Time: 12:07:03

Instrument: Autospec-UltimaE

**Total PeCB F5**

M2160219BS001 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

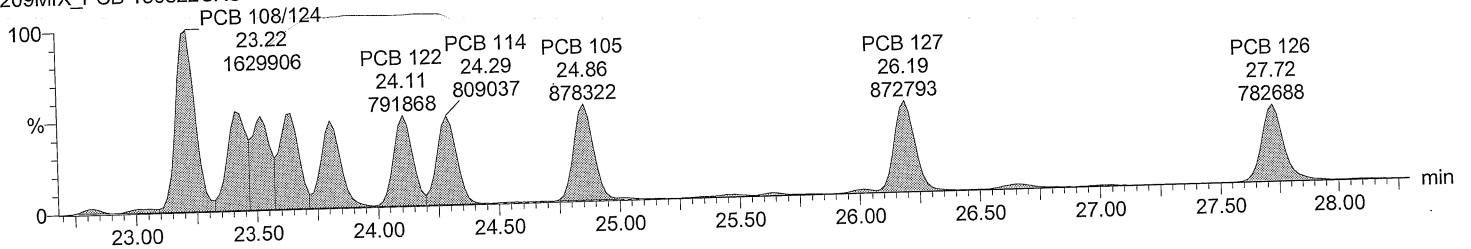
F5:SIR of 14 channels,EI+  
325.8805  
2.762e+007



**Total PeCB F5**

M2160219BS001 Smooth(SG,2x1)  
209MIX\_PCB 150822CXU

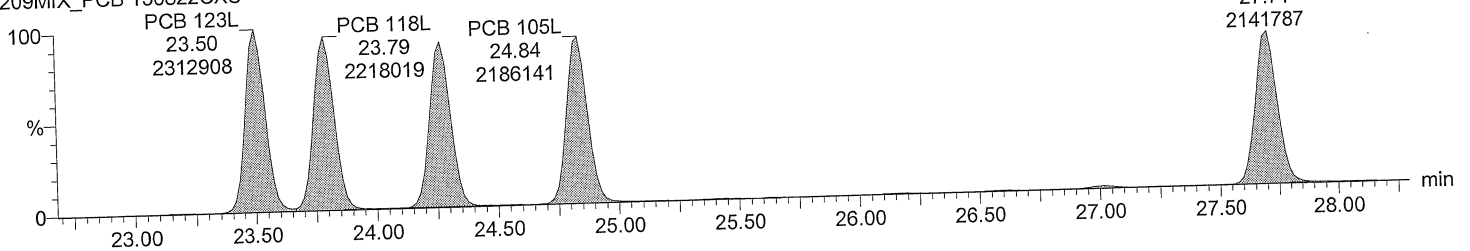
F5:SIR of 14 channels,EI+  
327.8775  
1.764e+007



**Total PeCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

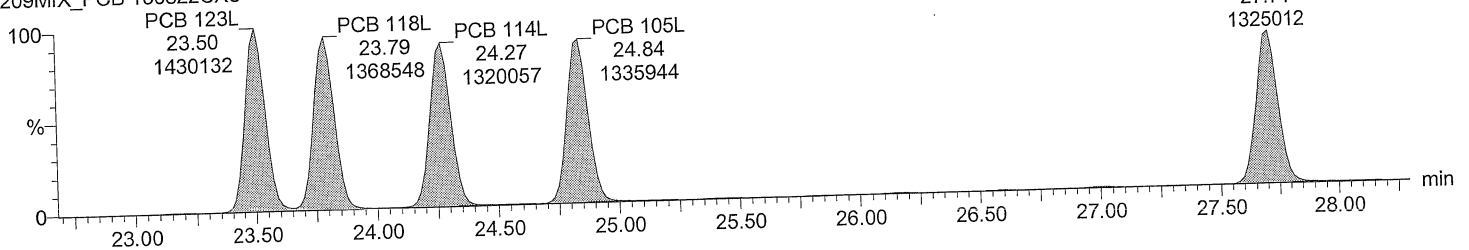
F5:SIR of 14 channels,EI+  
PCB 126L 337.9207  
27.71 2.395e+007  
2141787



**Total PeCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F5:SIR of 14 channels,EI+  
PCB 126L 339.9178  
27.71 1.488e+007  
1325012



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 1**

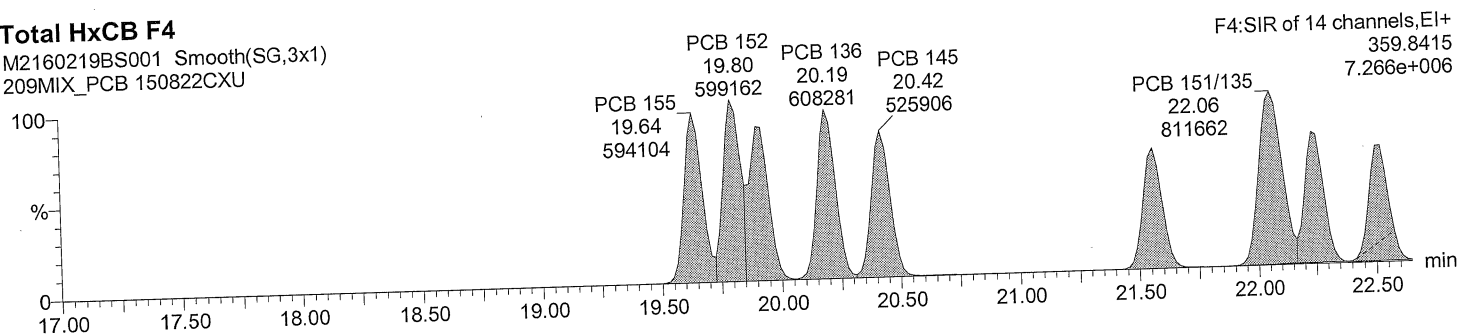
**Date: 19-FEB-2016**

**Time: 12:07:03**

**Instrument: Autospec-UltimaE**

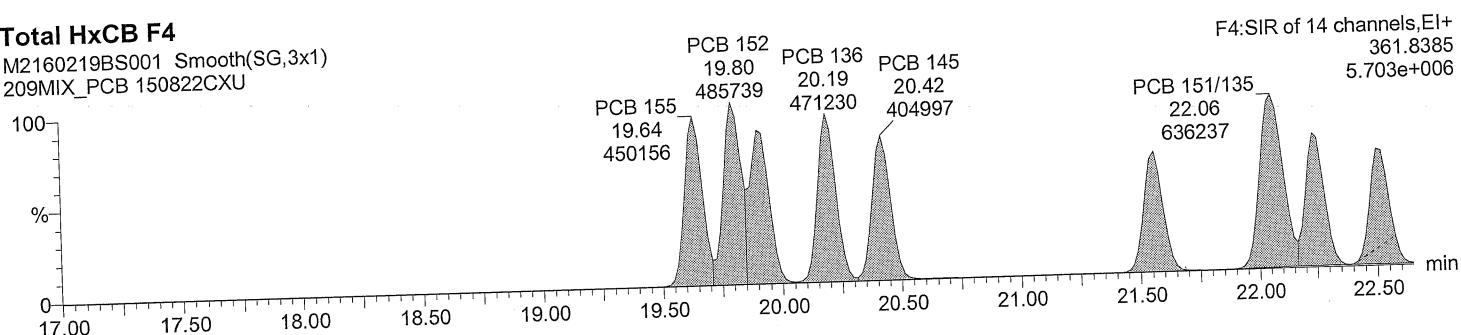
**Total HxCB F4**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



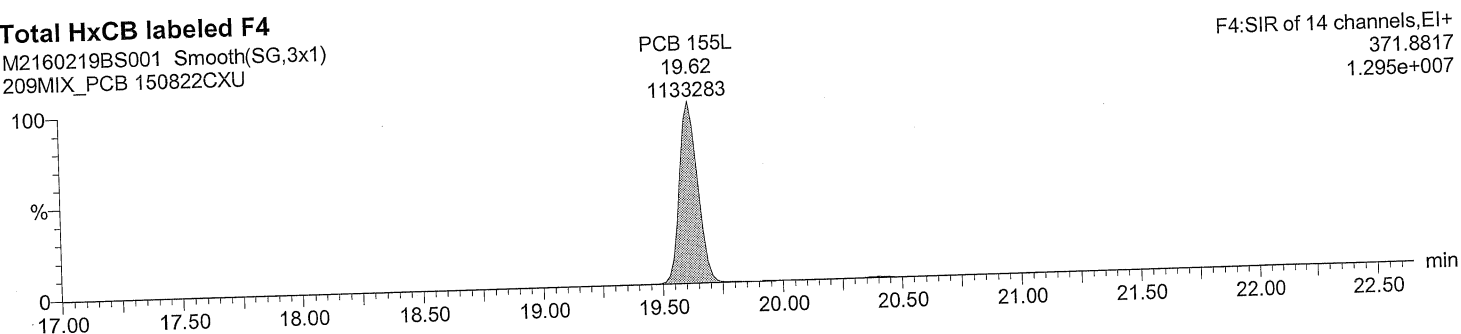
**Total HxCB F4**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



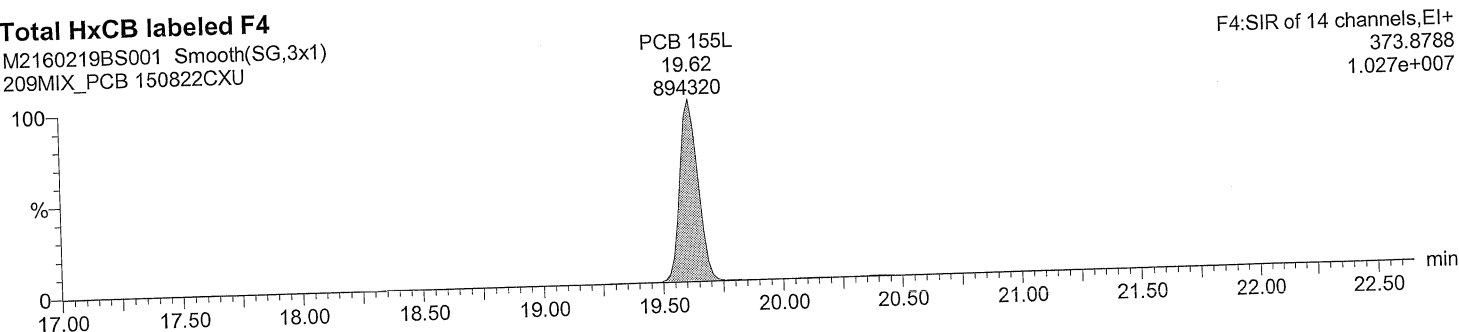
**Total HxCB labeled F4**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Total HxCB labeled F4**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
 Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 1**

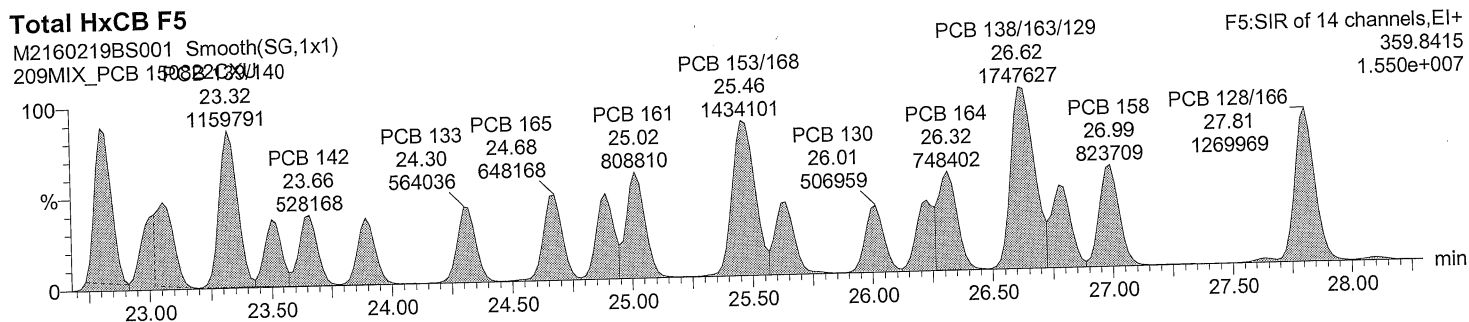
**Date: 19-FEB-2016**

**Time: 12:07:03**

**Instrument: Autospec-UltimaE**

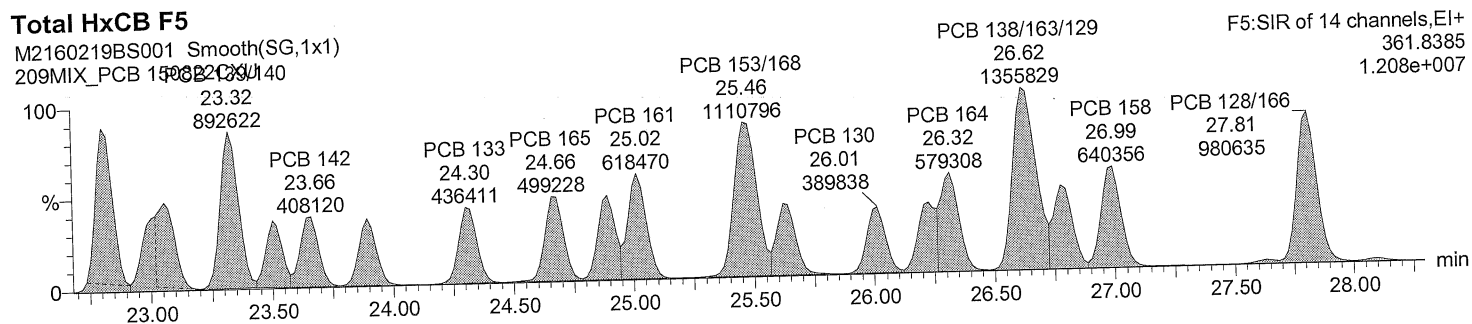
**Total HxCB F5**

M2160219BS001 Smooth(SG,1x1)  
 209MIX\_PCB 150822CXU



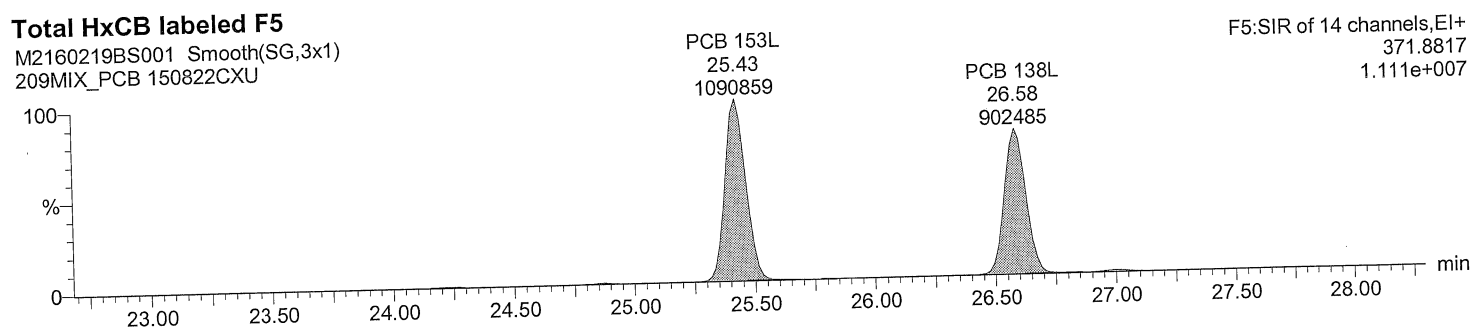
**Total HxCB F5**

M2160219BS001 Smooth(SG,1x1)  
 209MIX\_PCB 150822CXU



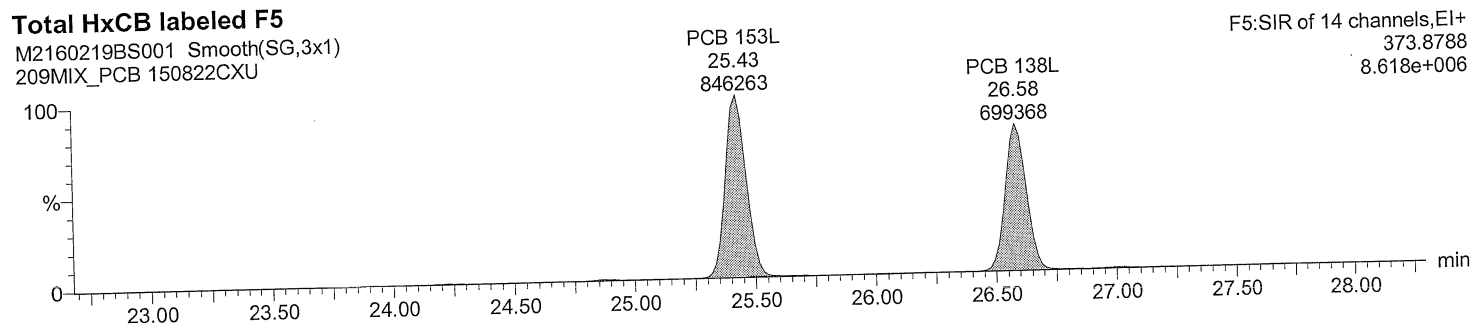
**Total HxCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU



**Total HxCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU





Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

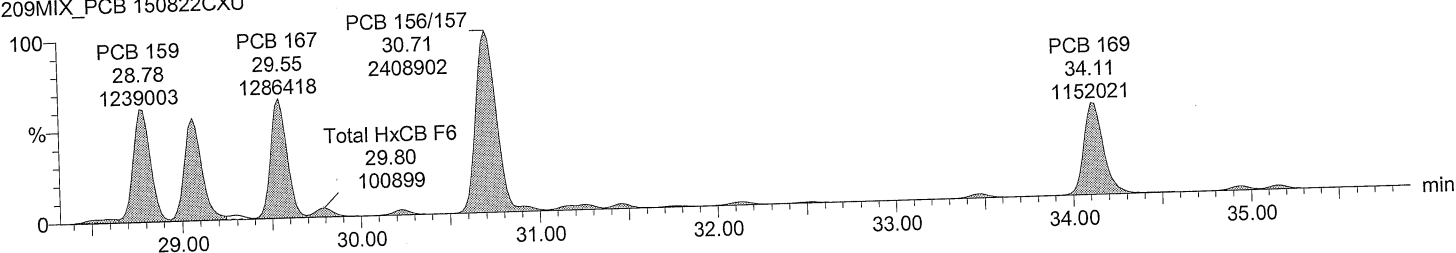
Time: 12:07:03

Instrument: Autospec-UltimaE

Total HxCB F6

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

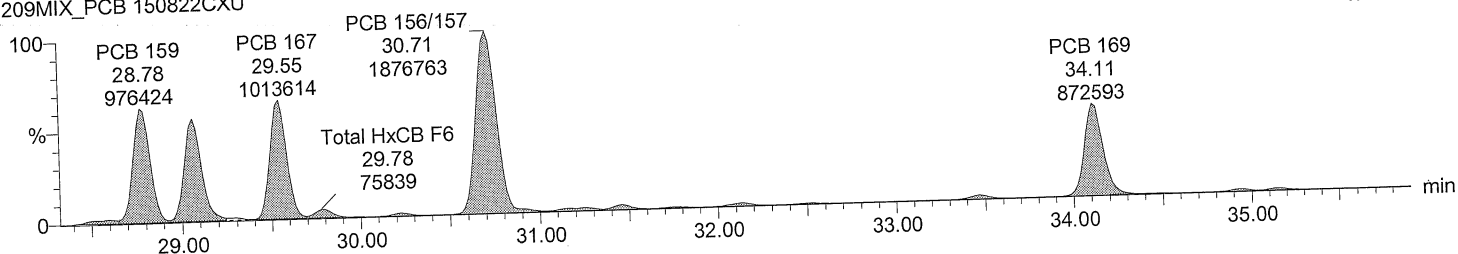
F6:SIR of 14 channels, EI+  
359.8415  
1.831e+007



Total HxCB F6

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

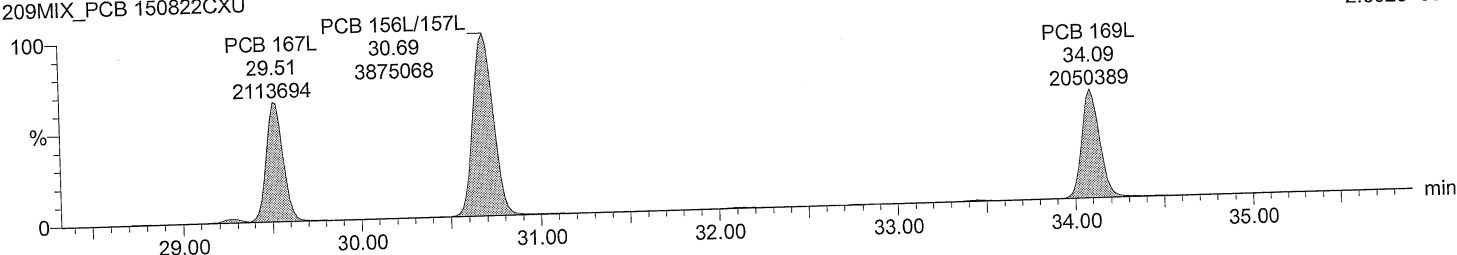
F6:SIR of 14 channels, EI+  
361.8385  
1.444e+007



Total HxCB labeled F6

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

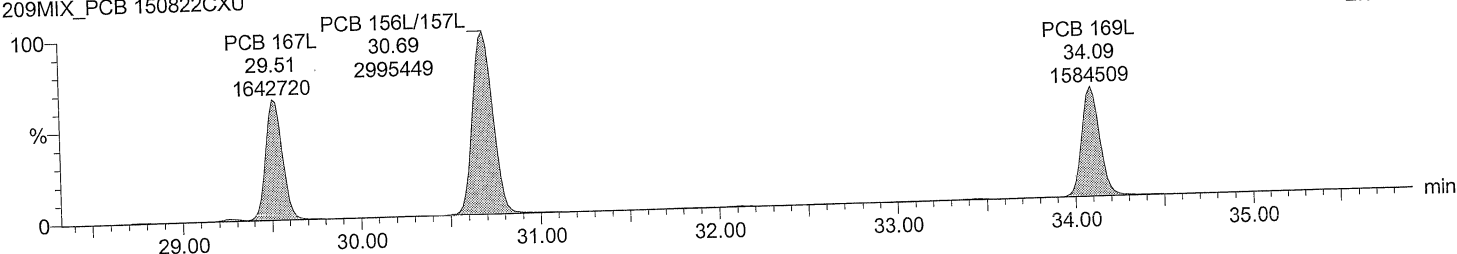
F6:SIR of 14 channels, EI+  
371.8817  
2.992e+007



Total HxCB labeled F6

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F6:SIR of 14 channels, EI+  
373.8788  
2.314e+007



**Quantify Sample Report MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
 Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

Vial: 1

Date: 19-FEB-2016

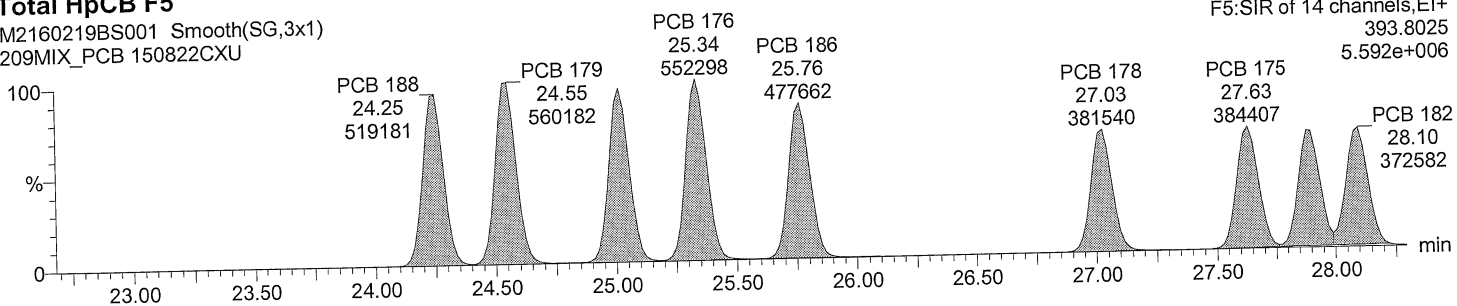
Time: 12:07:03

Instrument: Autospec-UltimaE

**Total HpCB F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

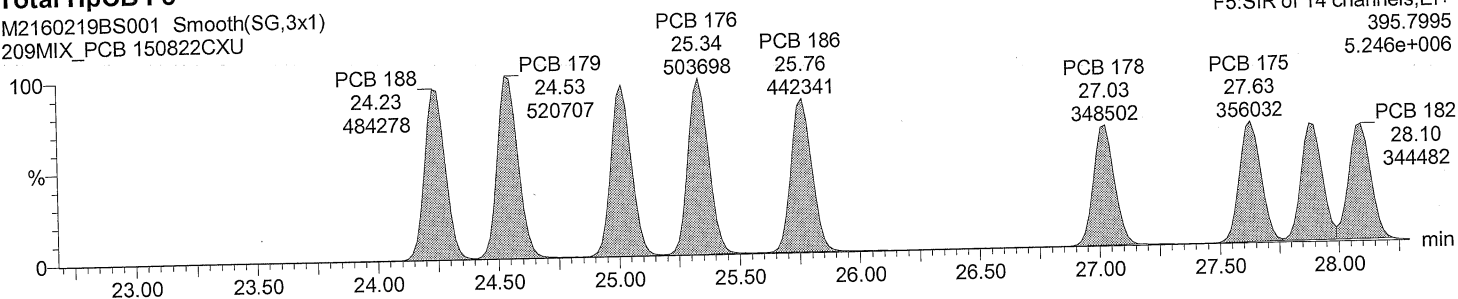
F5:SIR of 14 channels,EI+  
 393.8025  
 5.592e+006



**Total HpCB F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

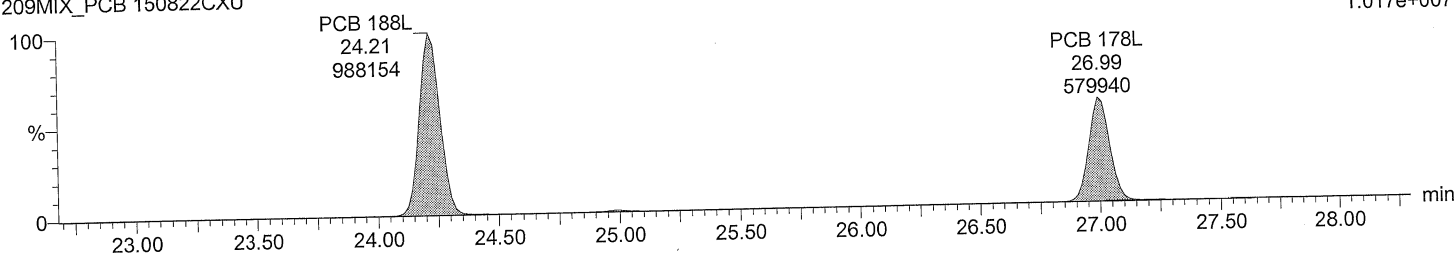
F5:SIR of 14 channels,EI+  
 395.7995  
 5.246e+006



**Total HpCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

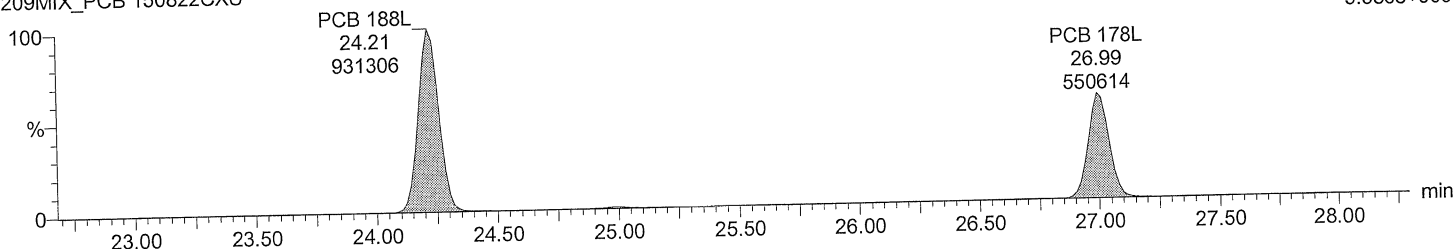
F5:SIR of 14 channels,EI+  
 405.8428  
 1.017e+007



**Total HpCB labeled F5**

M2160219BS001 Smooth(SG,3x1)  
 209MIX\_PCB 150822CXU

F5:SIR of 14 channels,EI+  
 407.8398  
 9.586e+006



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

Instrument: Autospec-UltimaE

**Total HpCB F6**

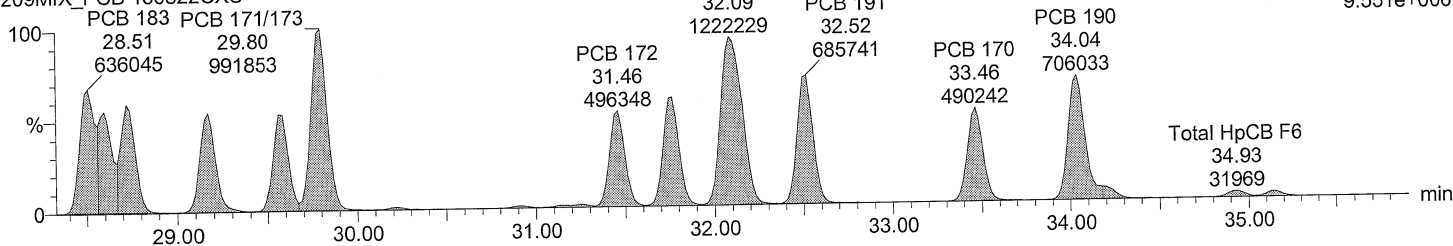
M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+

393.8025

9.551e+006



**Total HpCB F6**

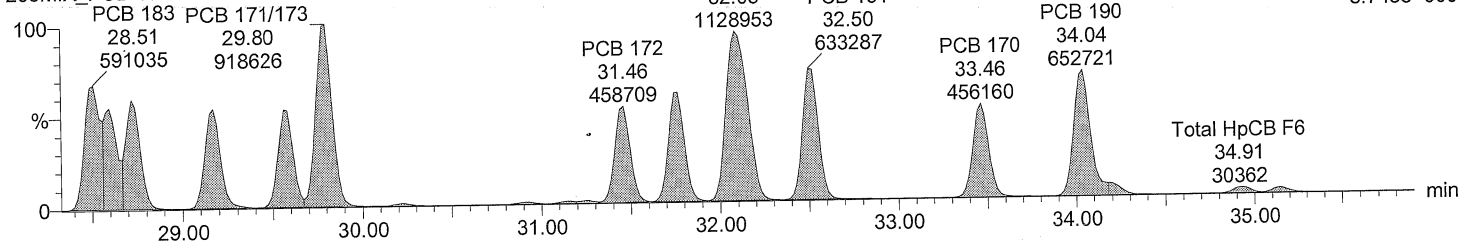
M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+

395.7995

8.743e+006



**Total HpCB labeled F6**

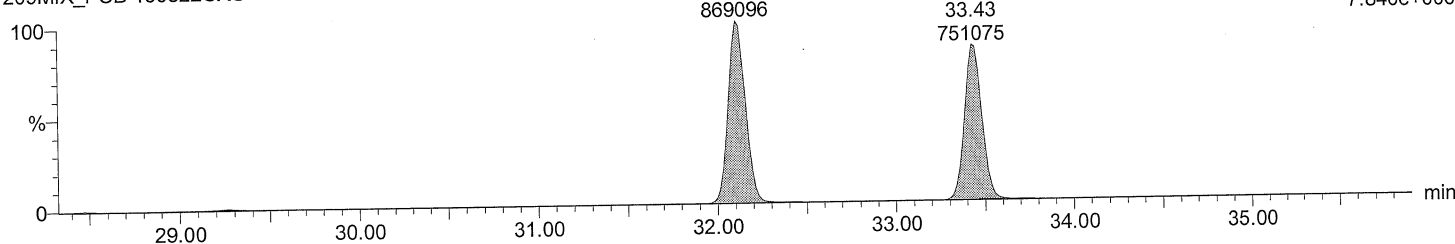
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+

405.8428

7.840e+006



**Total HpCB labeled F6**

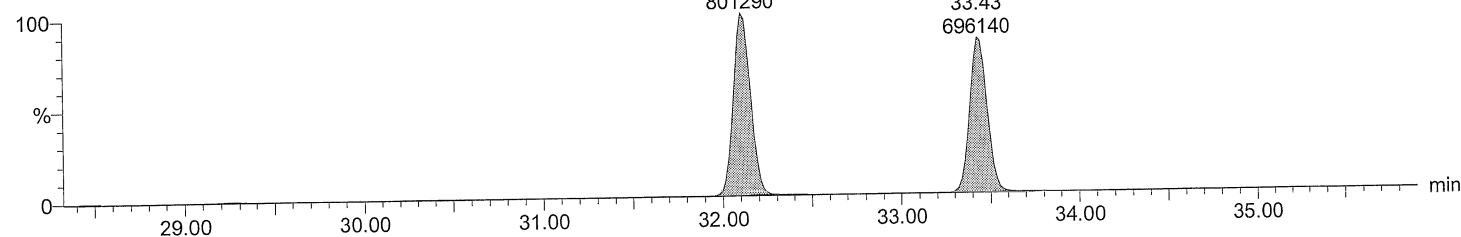
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F6:SIR of 14 channels,EI+

407.8398

7.282e+006



**Quantify Sample Report MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 1**

**Date: 19-FEB-2016**

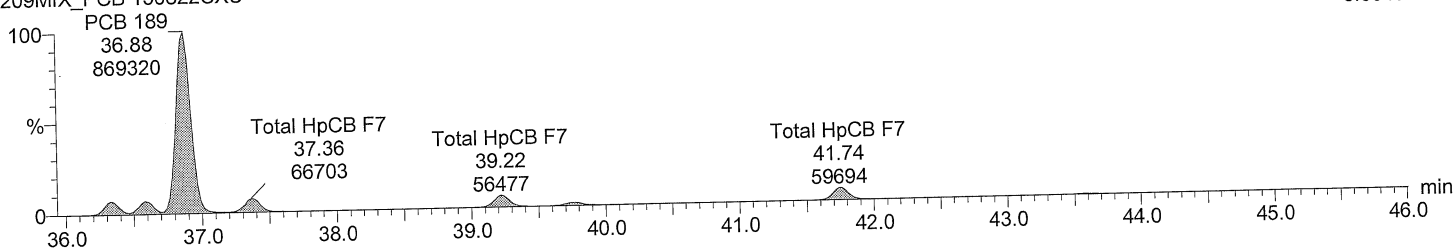
**Time: 12:07:03**

**Instrument: Autospec-UltimaE**

**Total HpCB F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

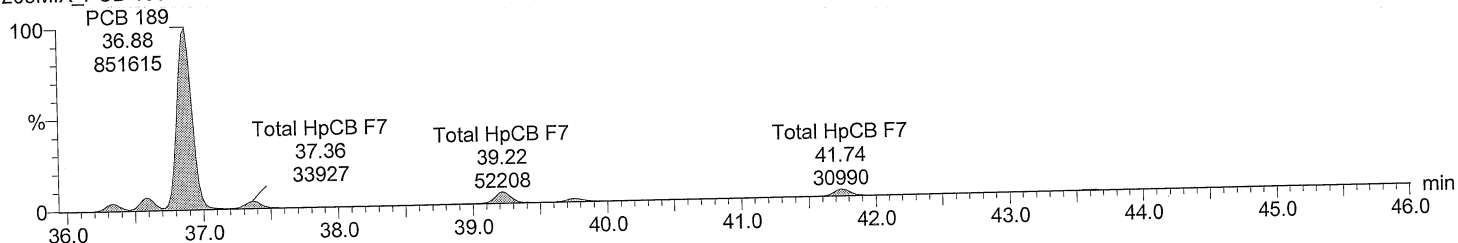
F7:SIR of 18 channels,EI+  
393.8025  
6.904e+006



**Total HpCB F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

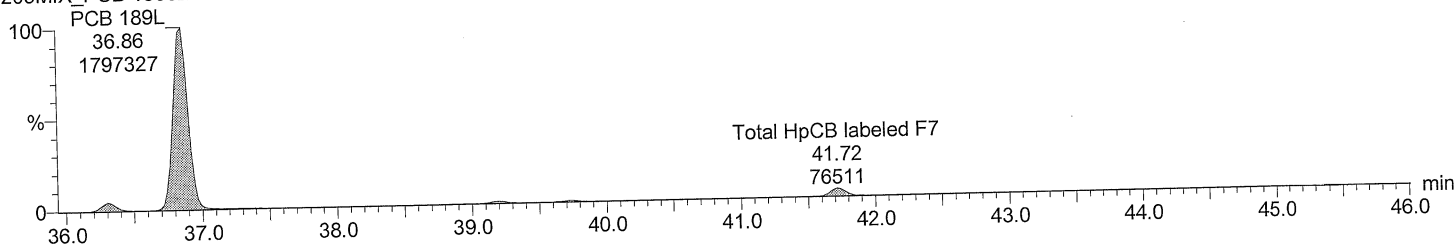
F7:SIR of 18 channels,EI+  
395.7995  
6.755e+006



**Total HpCB labeled F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

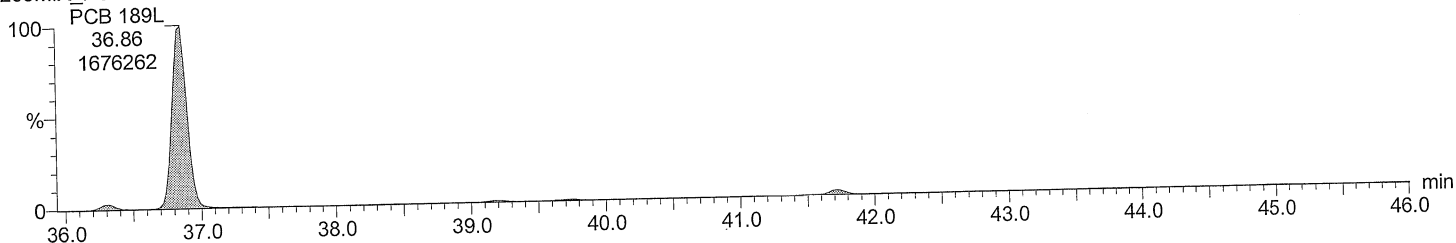
F7:SIR of 18 channels,EI+  
405.8428  
1.419e+007



**Total HpCB labeled F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+  
407.8398  
1.325e+007



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

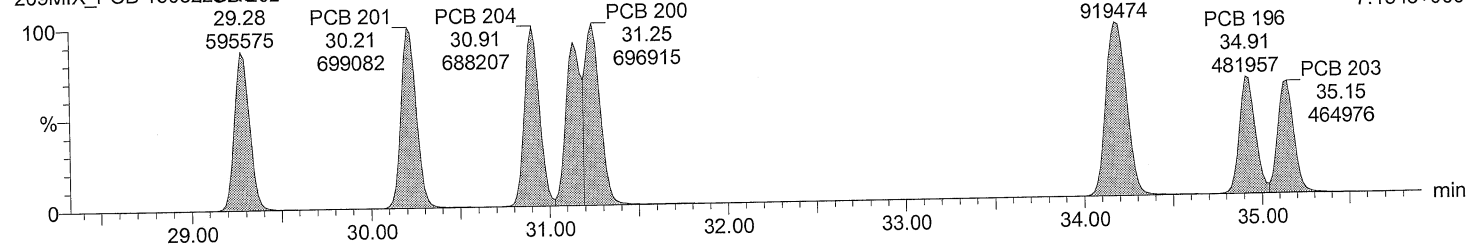
Time: 12:07:03

Instrument: Autospec-UltimaE

Total OcCB F6

M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU

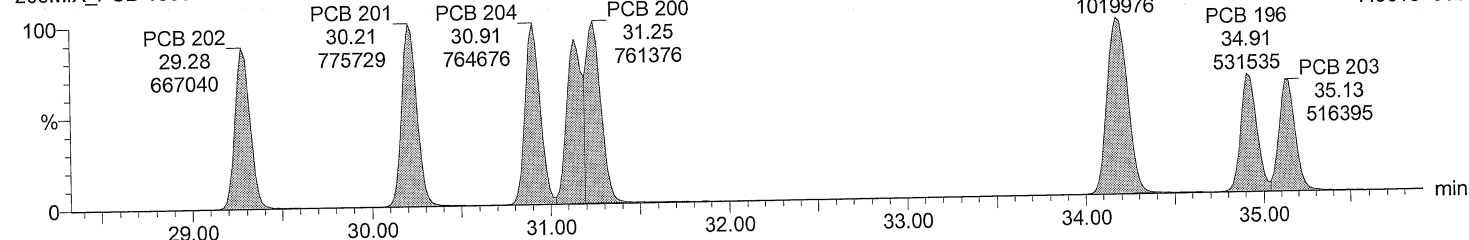


F6:SIR of 14 channels,EI+  
427.7635  
7.194e+006

Total OcCB F6

M2160219BS001 Smooth(SG,1x1)

209MIX\_PCB 150822CXU



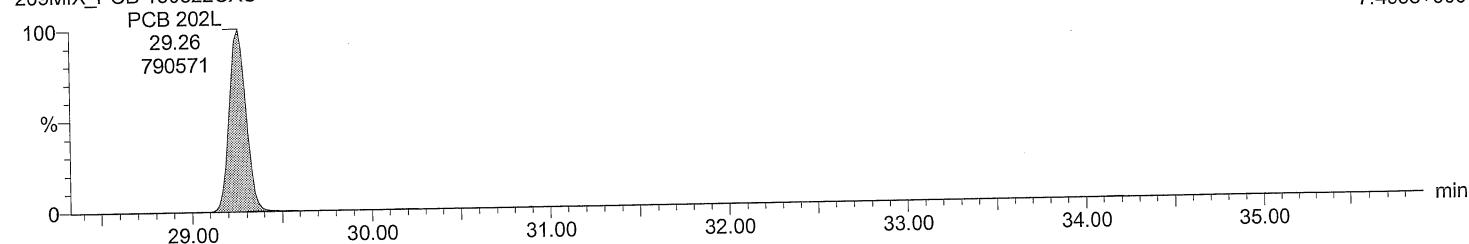
PCB 198/199  
34.18  
1019976

F6:SIR of 14 channels,EI+  
429.7606  
7.961e+006

Total OcCB labeled F6

M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

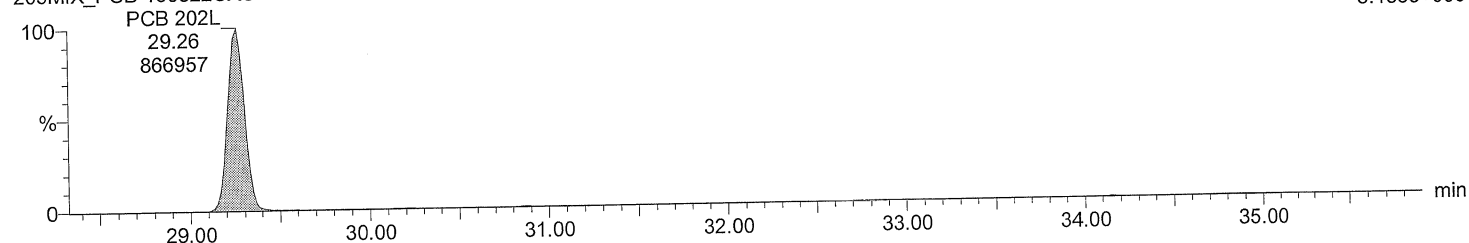


F6:SIR of 14 channels,EI+  
439.8038  
7.499e+006

Total OcCB labeled F6

M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU



F6:SIR of 14 channels,EI+  
441.8008  
8.185e+006

**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

Vial: 1

Date: 19-FEB-2016

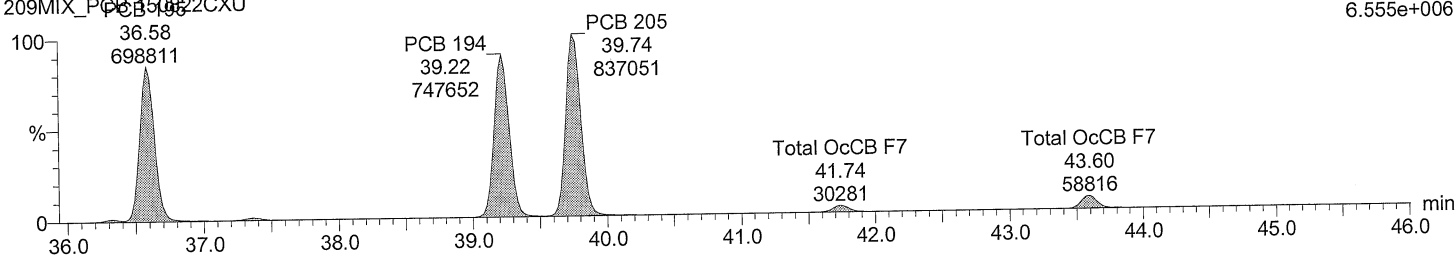
Time: 12:07:03

Instrument: Autospec-UltimaE

**Total OcCB F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

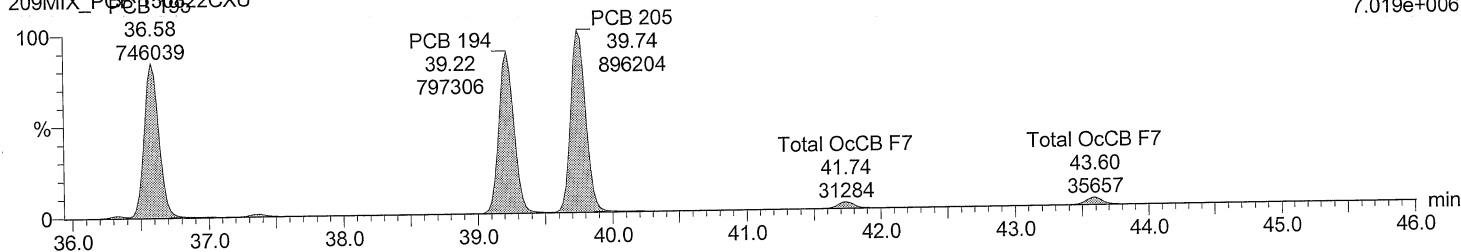
F7:SIR of 18 channels,EI+  
427.7635  
6.555e+006



**Total OcCB F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

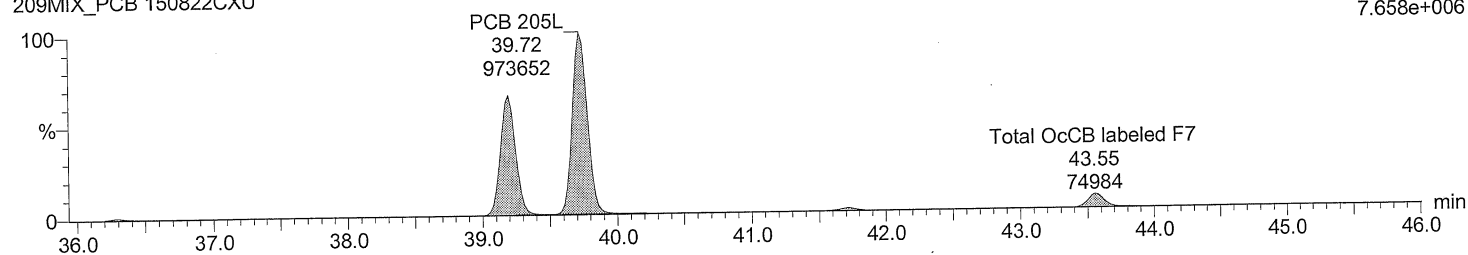
F7:SIR of 18 channels,EI+  
429.7606  
7.019e+006



**Total OcCB labeled F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

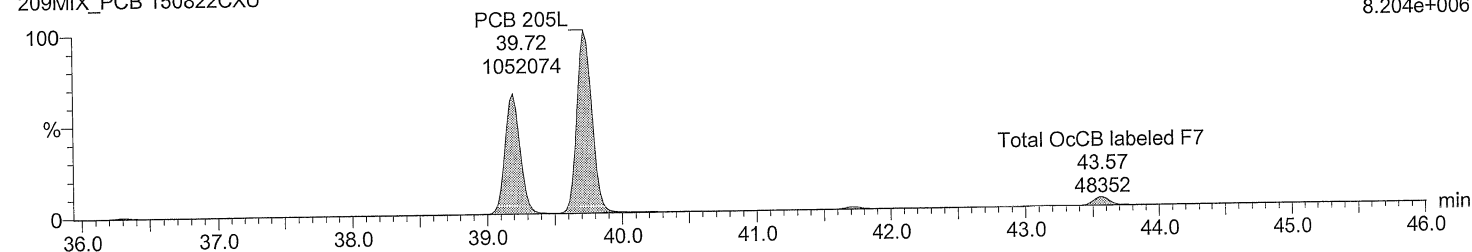
F7:SIR of 18 channels,EI+  
439.8038  
7.658e+006



**Total OcCB labeled F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+  
441.8008  
8.204e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

Time: 12:07:03

Instrument: Autospec-UltimaE

Total NoCB F7

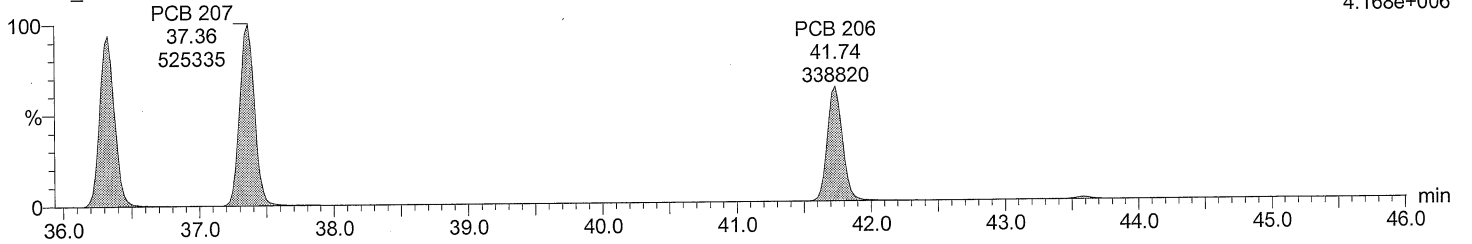
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+

461.7246

4.168e+006



Total NoCB F7

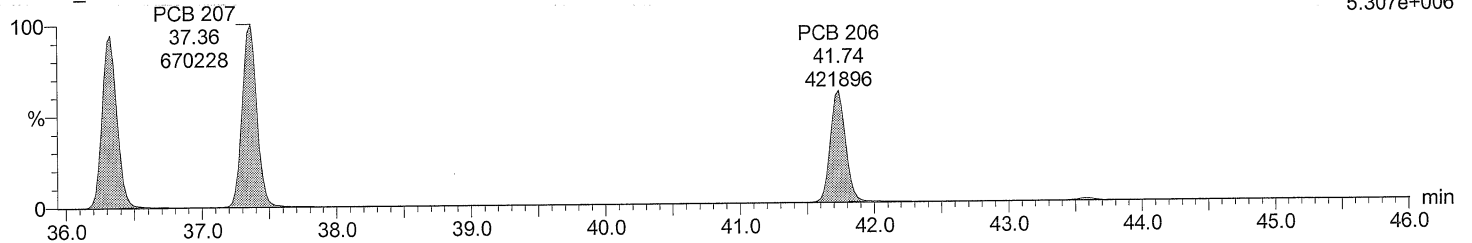
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+

463.7216

5.307e+006



Total NoCB labeled F7

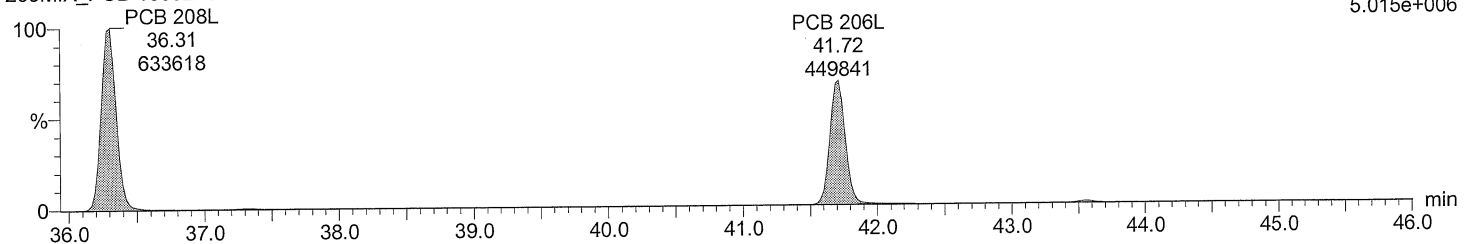
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+

473.7648

5.015e+006



Total NoCB labeled F7

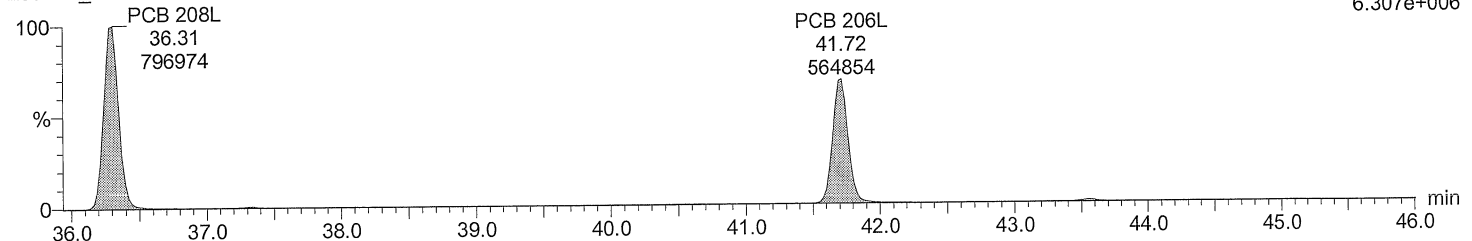
M2160219BS001 Smooth(SG,3x1)

209MIX\_PCB 150822CXU

F7:SIR of 18 channels,EI+

475.7619

6.307e+006



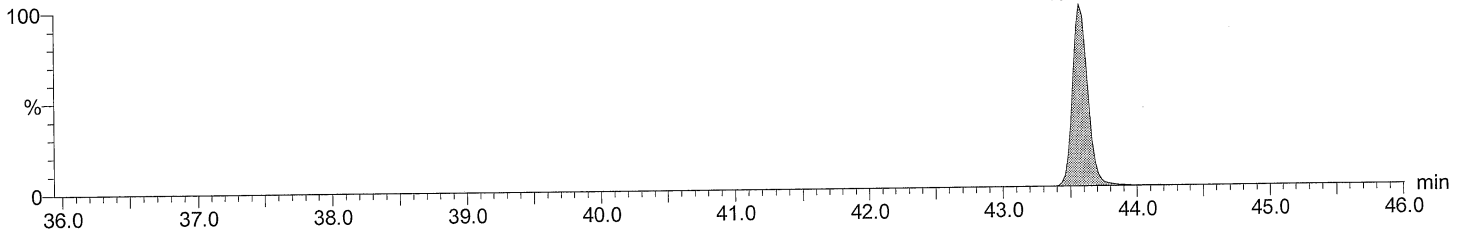
Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld  
Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time  
Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 12:07:03  
Instrument: Autospec-UltimaE

Total DeCB F7

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

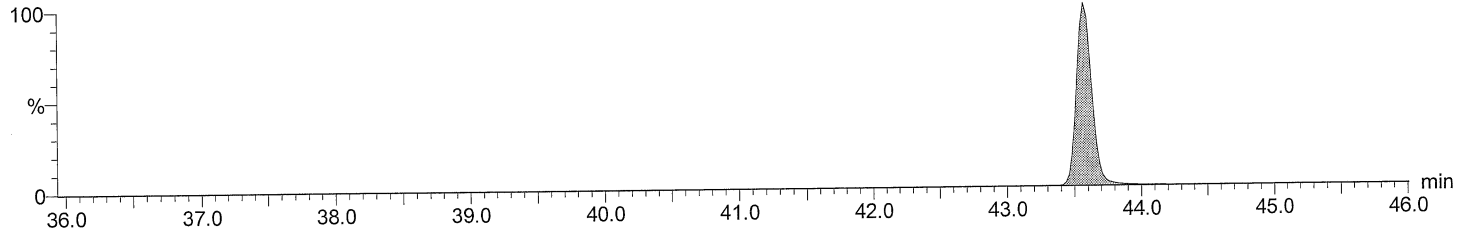
PCB 209 F7:SIR of 18 channels, EI+  
43.57 497.6826  
462575 3.539e+006



Total DeCB F7

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

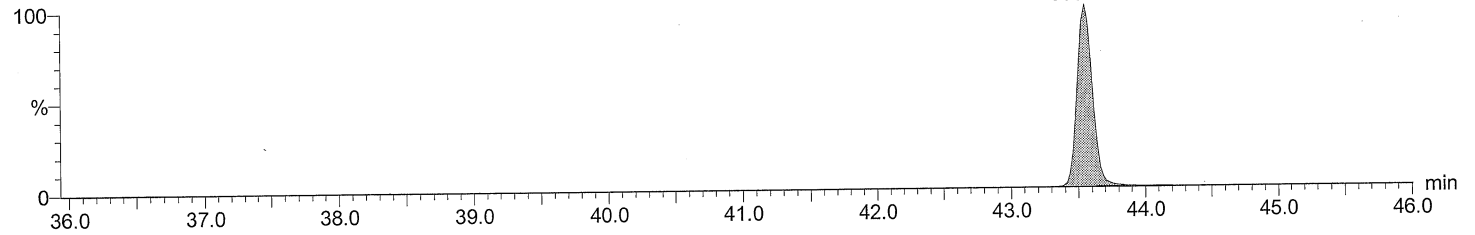
PCB 209 F7:SIR of 18 channels, EI+  
43.57 499.6797  
379398 2.899e+006



Total DeCB labeled F7

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

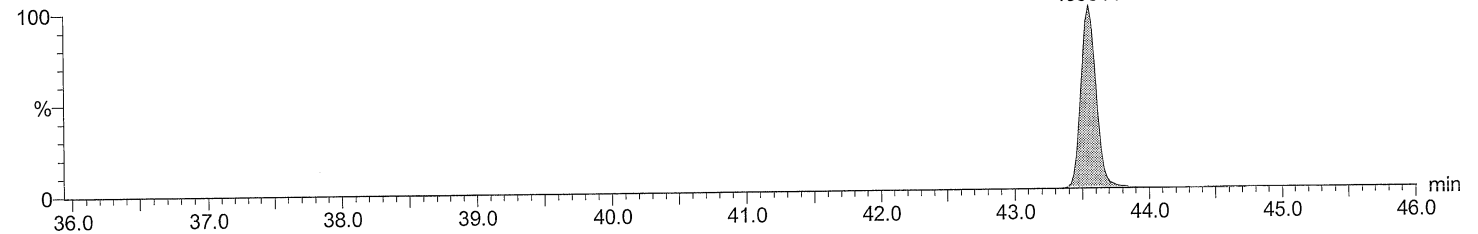
PCB 209L F7:SIR of 18 channels, EI+  
43.55 509.7229  
556879 4.261e+006



Total DeCB labeled F7

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

PCB 209L F7:SIR of 18 channels, EI+  
43.55 511.7199  
459311 3.517e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDIM2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Description: 209MIX\_PCB 150822CXU

Vial: 1

Date: 19-FEB-2016

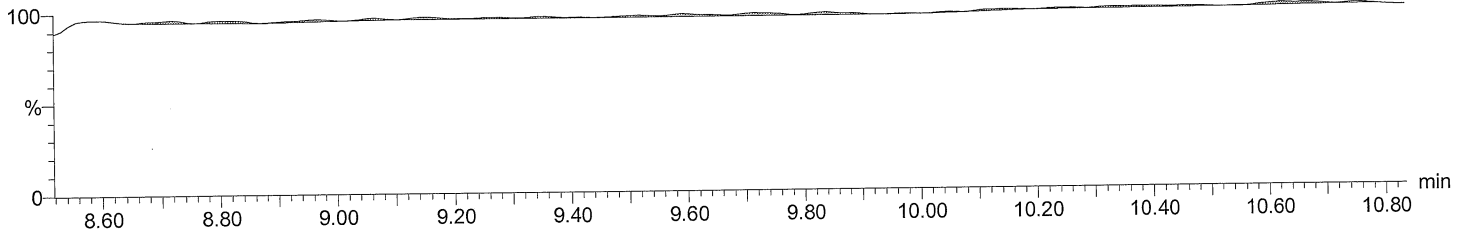
Time: 12:07:03

Instrument: Autospec-UltimaE

lockmass F1

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

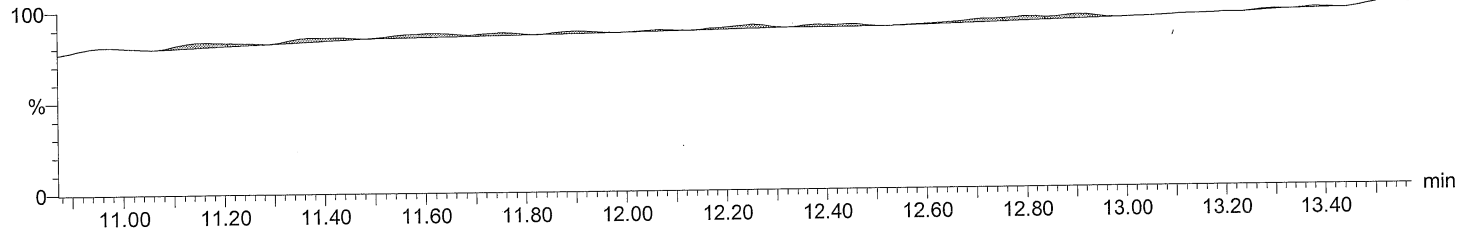
F1:SIR of 10 channels, EI+  
218.9856  
8.643e+006



lockmass F2

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

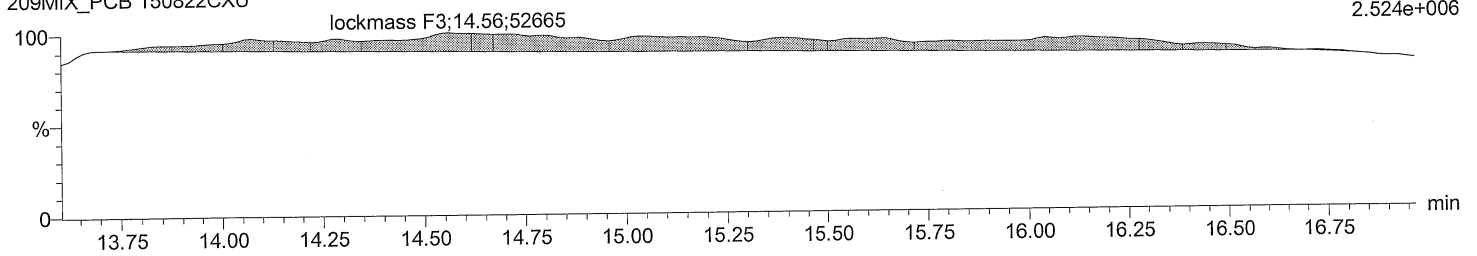
F2:SIR of 16 channels, EI+  
242.9856  
2.826e+006



lockmass F3

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

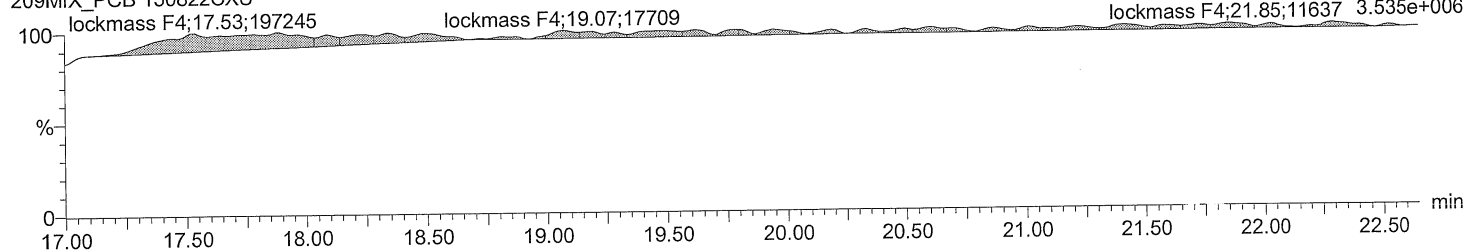
F3:SIR of 14 channels, EI+  
292.9824  
2.524e+006



lockmass F4

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

F4:SIR of 14 channels, EI+  
330.9792  
3.535e+006



**Quantify Sample Report MassLynx 4.0 SP1**

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

**Description: 209MIX\_PCB 150822CXU**

**Vial: 1**

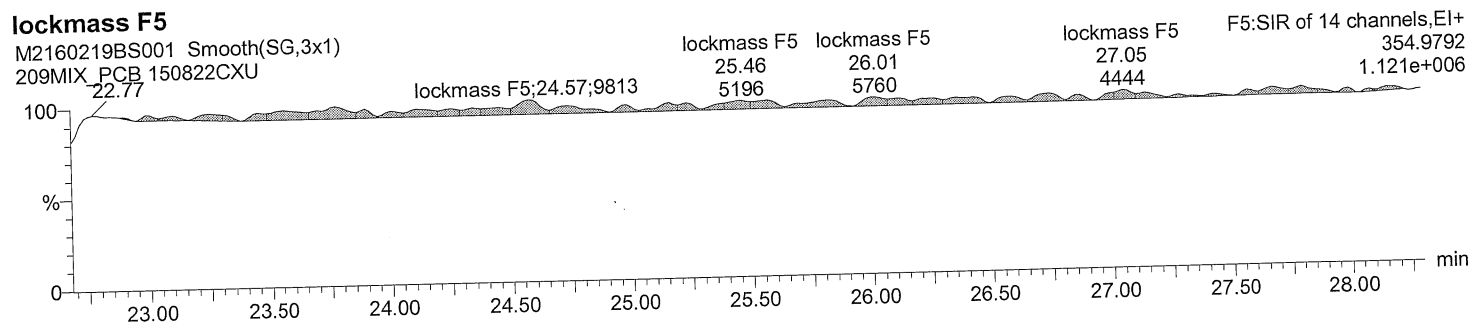
**Date: 19-FEB-2016**

**Time: 12:07:03**

**Instrument: Autospec-UltimaE**

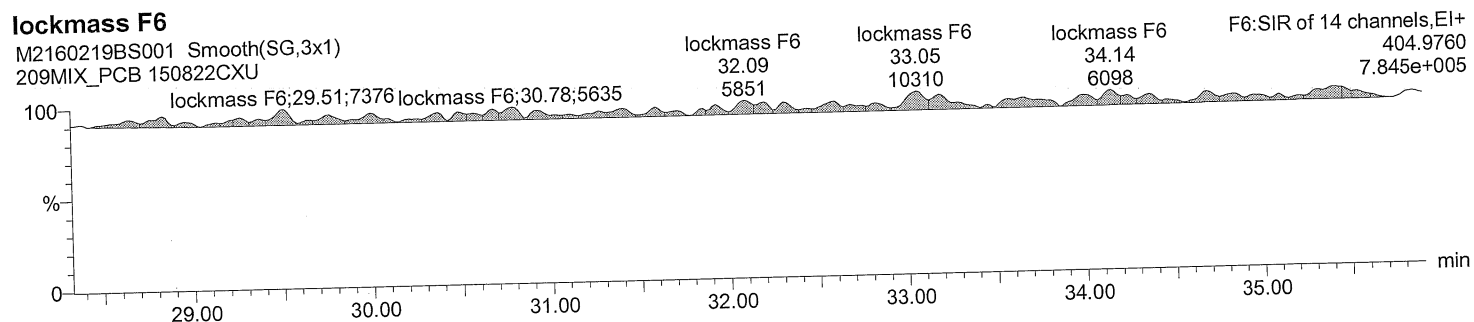
**lockmass F5**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



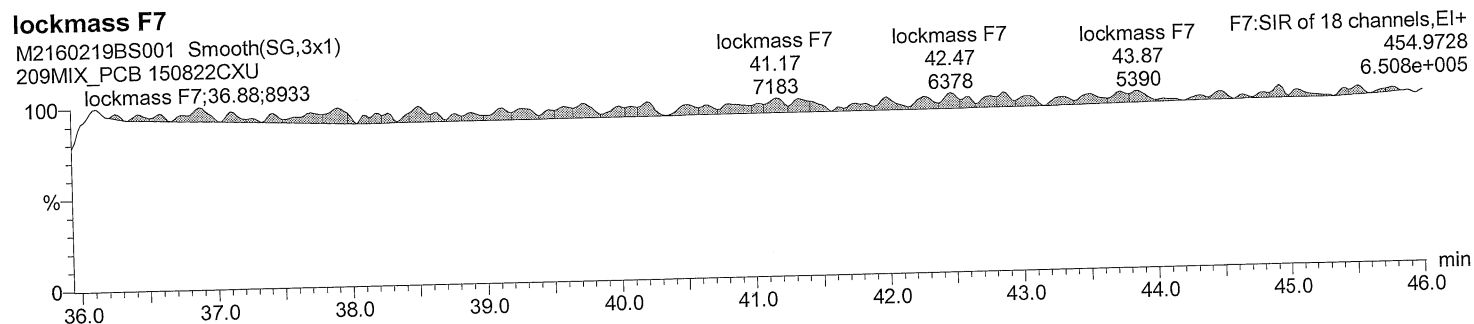
**lockmass F6**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



**lockmass F7**

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



Dataset:            C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

Last Altered:      February 21, 2016 4:43:25 PM Eastern Standard Time

Printed:            February 21, 2016 4:43:58 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
21-Feb-16	16:33:05	Process Integrate			
21-Feb-16	16:33:05	Process Calibrate			
21-Feb-16	16:33:06	Process Quantify			
21-Feb-16	16:33:06	Dataset Created			
21-Feb-16	16:33:18	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	
21-Feb-16	16:34:13	Peak deleted	11.688	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Pre modification peak	11.562	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Peak modified	11.520	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Peak added	11.562	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Peak deleted	11.688	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Pre modification peak	11.562	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Peak modified	11.520	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:34:13	Peak added	11.562	Sample:M2160219BS001, Compound:Total DiC...	
21-Feb-16	16:35:14	Pre modification peak	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Peak modified	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Peak added	12.901	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Pre modification peak	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Peak modified	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Pre modification peak	12.796	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Peak modified	12.796	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:14	Peak added	12.901	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:41	Peak modified	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:41	Peak modified	12.880	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:41	Peak modified	12.859	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:41	Peak modified	12.880	Sample:M2160219BS001, Compound:Total TriC...	
21-Feb-16	16:35:56	Method modified			
21-Feb-16	16:36:00	Process Quantify			
21-Feb-16	16:37:30	Pre modification peak	18.710	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak modified	18.710	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Pre modification peak	19.476	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak modified	19.476	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	19.636	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	19.797	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	20.171	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	21.222	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Pre modification peak	21.436	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak modified	21.436	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Pre modification peak	18.710	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak modified	18.710	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	19.636	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	19.797	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	19.921	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	20.189	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	20.420	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak deleted	21.222	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Pre modification peak	21.436	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:37:30	Peak modified	21.436	Sample:M2160219BS001, Compound:Total TeC...	
21-Feb-16	16:38:42	Pre modification peak	17.926	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	17.926	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak deleted	18.176	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak deleted	20.082	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Pre modification peak	20.242	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	20.242	Sample:M2160219BS001, Compound:Total PeC...	

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219\_209MIX\_Test.qld

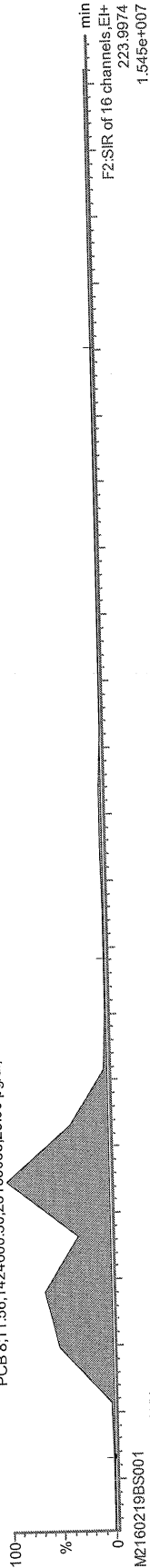
Last Altered: February 21, 2016 4:43:25 PM Eastern Standard Time

Printed: February 21, 2016 4:43:58 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
21-Feb-16	16:38:42	Pre modification peak	21.151	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	21.222	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Pre modification peak	21.222	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	21.329	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak deleted	20.100	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Pre modification peak	20.242	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	20.242	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak deleted	21.026	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Pre modification peak	21.222	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:38:42	Peak modified	21.222	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:39:28	Pre modification peak	22.505	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:39:28	Peak modified	22.505	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:39:28	Pre modification peak	22.523	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:39:28	Peak modified	22.523	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:39:45	Peak modified	22.505	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:39:45	Peak modified	22.523	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	22.807	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	22.807	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak deleted	22.949	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	23.056	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	23.056	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	23.323	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	23.323	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	26.316	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	26.316	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak added	26.227	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	22.807	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	22.807	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak deleted	22.949	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	23.056	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	23.056	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	23.323	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	23.323	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Pre modification peak	26.316	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak modified	26.316	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:40:59	Peak added	26.227	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:41:29	Pre modification peak	29.062	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:41:29	Peak modified	29.062	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:41:36	Peak deleted	29.294	Sample:M2160219BS001, Compound:Total HxC...	
21-Feb-16	16:42:09	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	
21-Feb-16	16:43:04	Pre modification peak	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:04	Peak modified	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:04	Pre modification peak	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:04	Peak modified	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak deleted	24.552	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak deleted	24.677	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak modified	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak deleted	24.552	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak deleted	24.677	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:24	Peak modified	24.855	Sample:M2160219BS001, Compound:Total PeC...	
21-Feb-16	16:43:43	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

F2:SIR of 16 channels.EI+  
222.0003  
2.318e+007

M2160219BS001  
209MIX\_PCB 150822CXU  
PCB 8;11.56;1424600.50;23163058;25.00 pg/ul;1.52 -2.54%



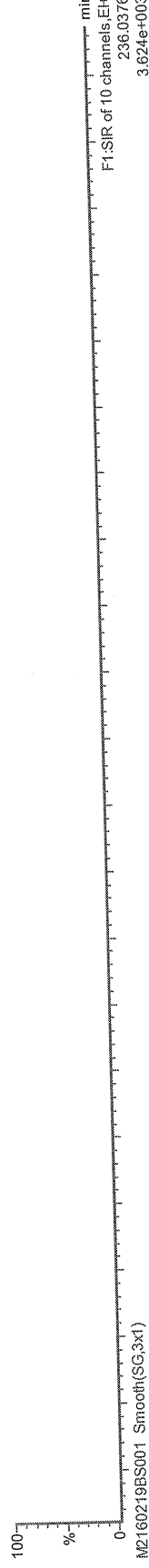
F2:SIR of 16 channels.EI+  
223.9974  
1.545e+007

M2160219BS001  
209MIX\_PCB 150822CXU

PCB 8  
11.56  
937000  
15420

F1:SIR of 10 channels.EI+  
234.0406  
5.705e+003

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



F1:SIR of 10 channels.EI+  
236.0376  
3.624e+003

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

FEB 24 2016

2016-02-21

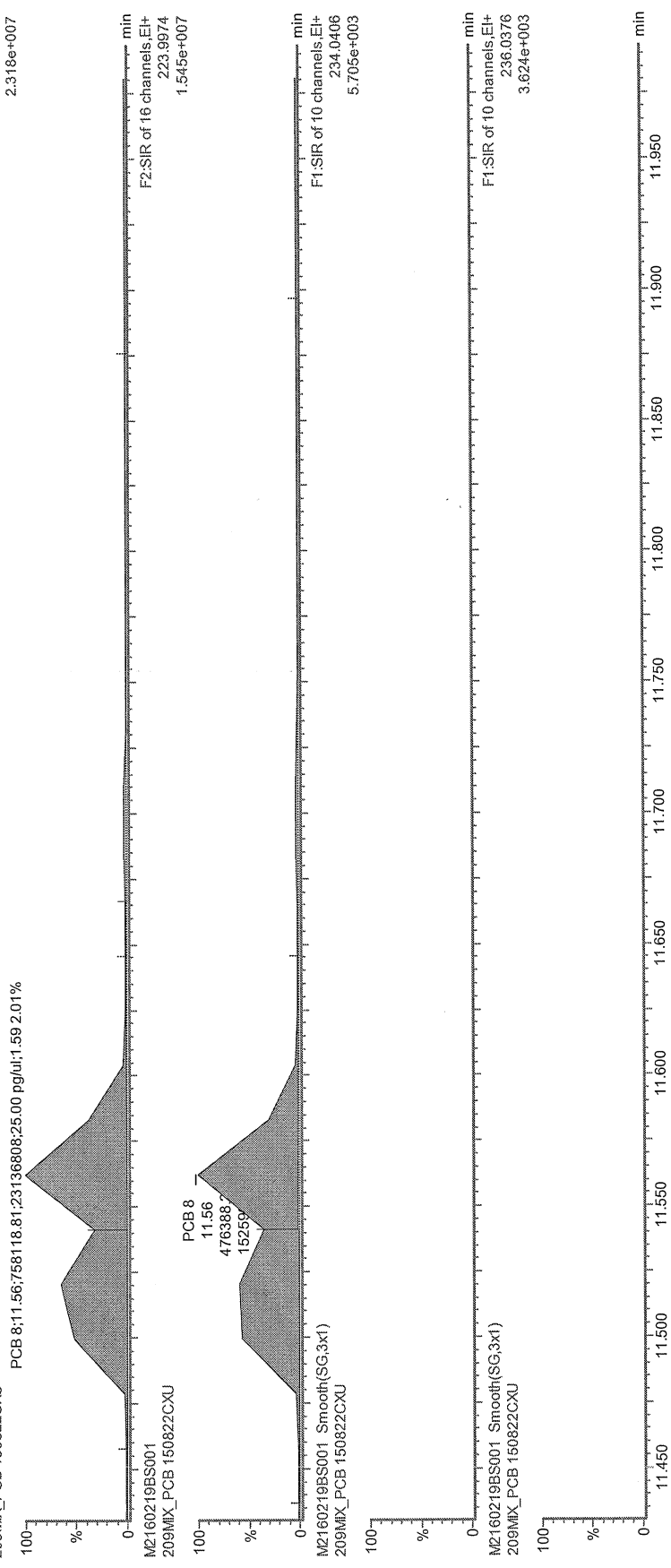
F2:SIR of 16 channels.EI+  
222.0003  
2.318e+007

F2:SIR of 16 channels.EI+  
223.9974  
1.545e+007

F1:SIR of 10 channels.EI+  
234.0406  
5.705e+003

F1:SIR of 10 channels.EI+  
236.0376  
3.624e+003

M2160219BS001  
209MIX\_PCB 150822CXU



MR

2016-02-21

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F2:SIR of 16 channels,EI+  
255.9614  
1.203e+007

F2:SIR of 16 channels,EI+  
257.9584  
1.119e+007

F2:SIR of 16 channels,EI+  
268.0016  
7.892e+004

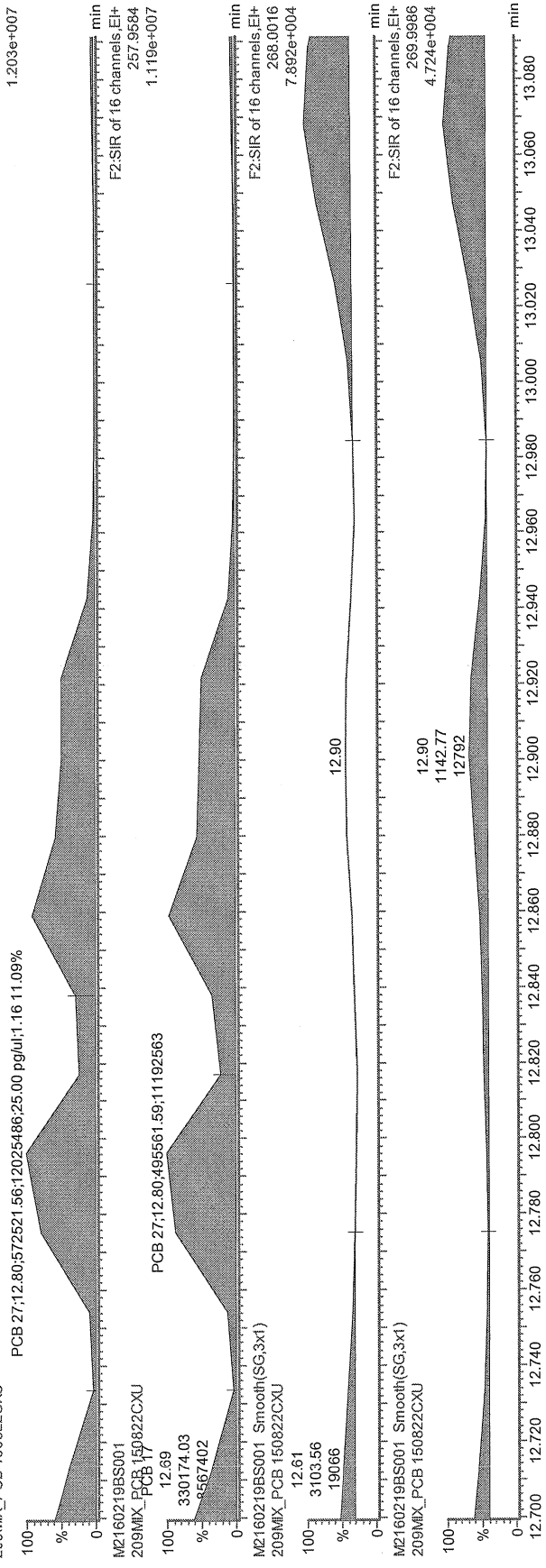
F2:SIR of 16 channels,EI+  
269.9986  
4.724e+004

MZ160219BS001  
209MX\_PCB 150822CXU

MZ160219BS001  
209MX\_PCB 150822CXU

MZ160219BS001 Smooth(SG,3x1)  
209MX\_PCB 150822CXU

MZ160219BS001 Smooth(SG,3x1)  
209MX\_PCB 150822CXU



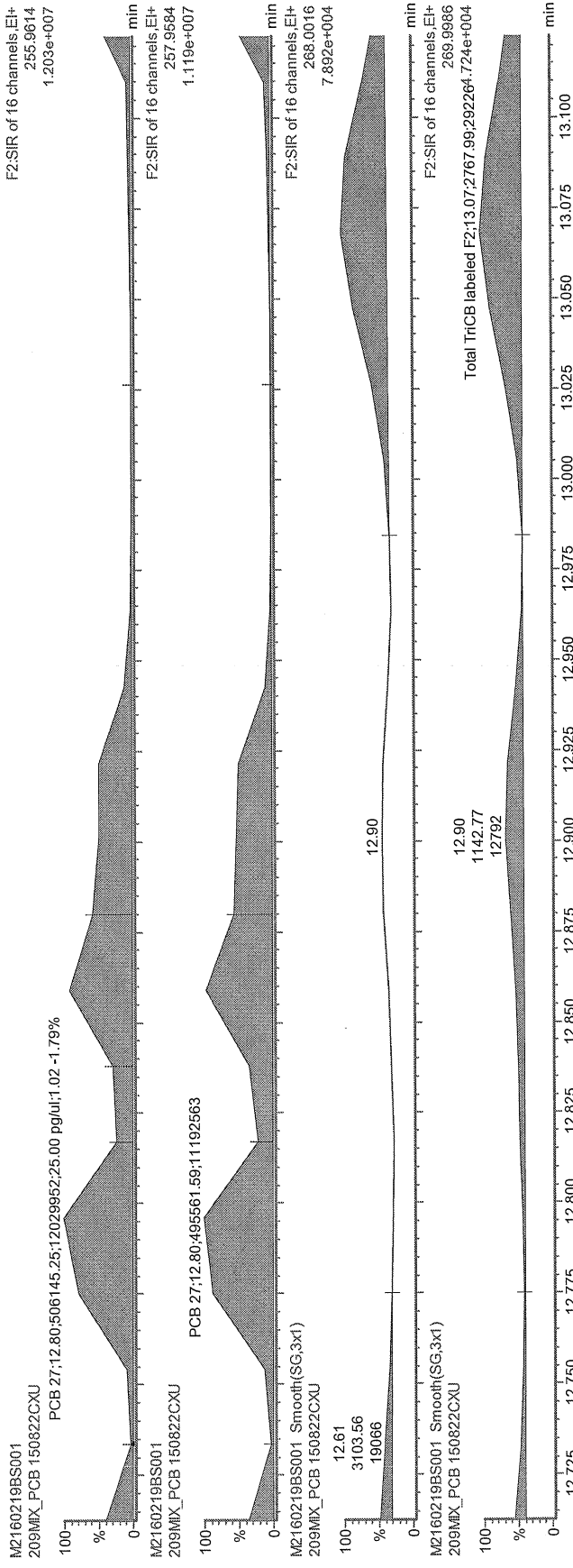
*bef*

2016-02-21

*se*

FEB 24 2016

*se*



MZ

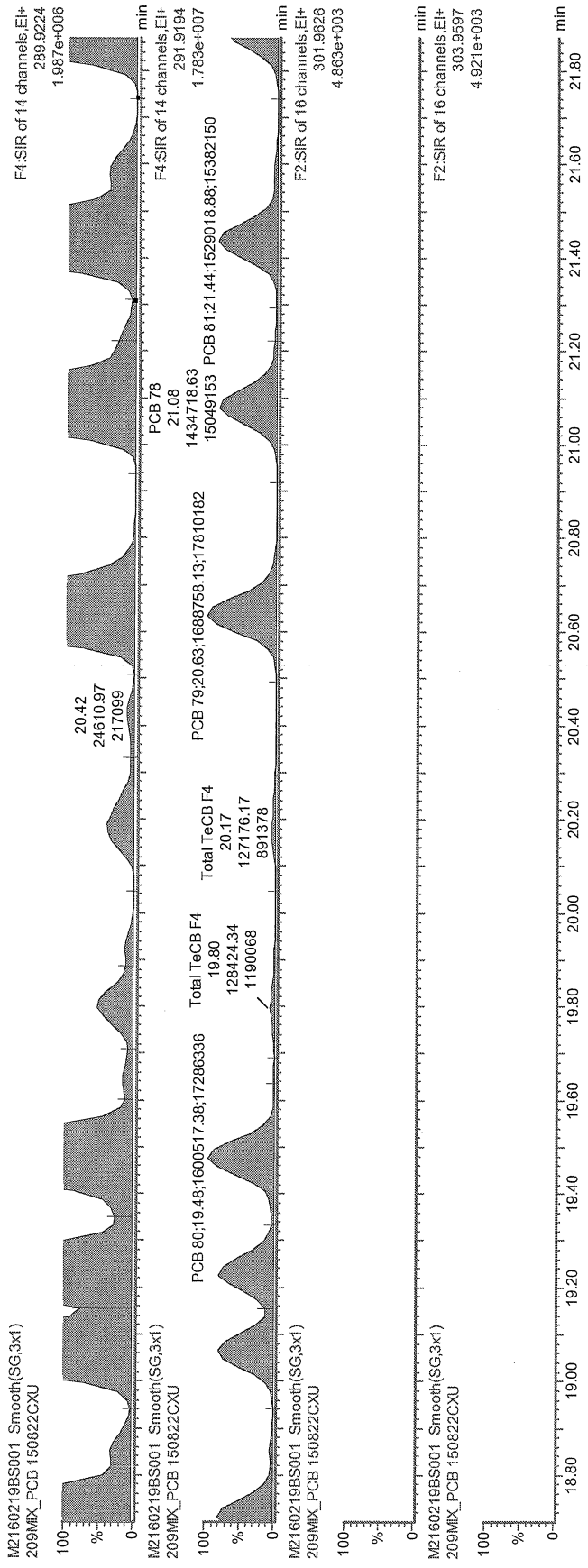
2016-02-21

*[Handwritten mark]*

FEB 24 2016

*[Handwritten signature]*





F4:SIR of 14 channels, EI+  
289.9224  
1.987e+006

20.42  
24610.97  
217099

PCB 78  
21.08  
1434718.63  
15049153 PCB 81;21.44;1529018.88;15382150

F4:SIR of 14 channels, EI+  
291.9194  
1.783e+007

PCB 80;19.48;1600517.38;17286336  
Total TeCB F4  
19.80  
128424.34  
1190068

Total TeCB F4  
20.17  
127176.17  
891378

F2:SIR of 16 channels, EI+  
301.9626  
4.863e+003

F2:SIR of 16 channels, EI+  
303.9597  
4.921e+003

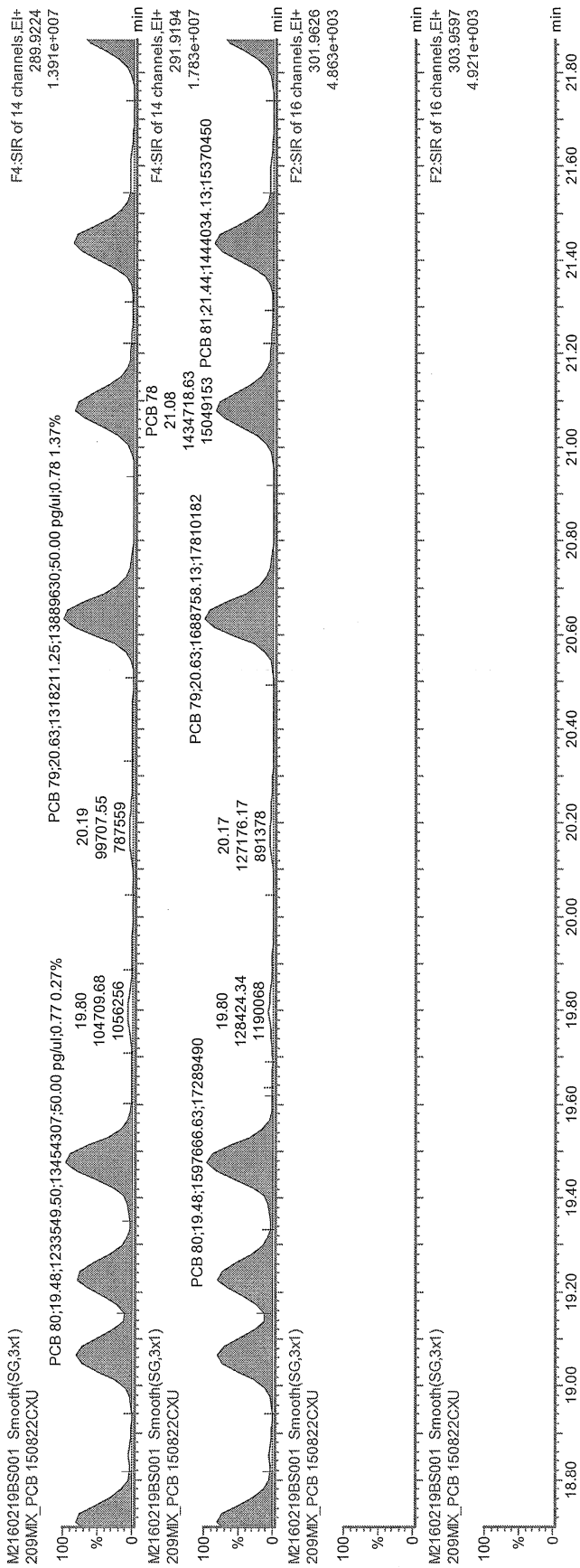
*ref*

2016-02-21

*[Signature]*

FEB 24 2016

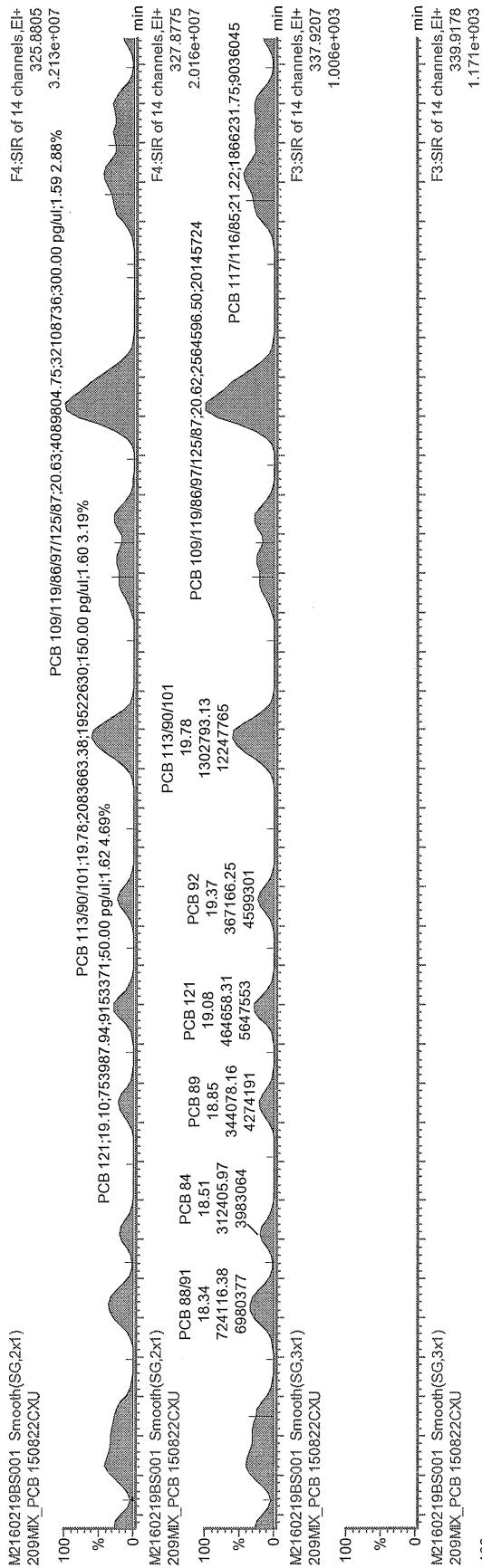
*[Signature]*



M

2016-02-21

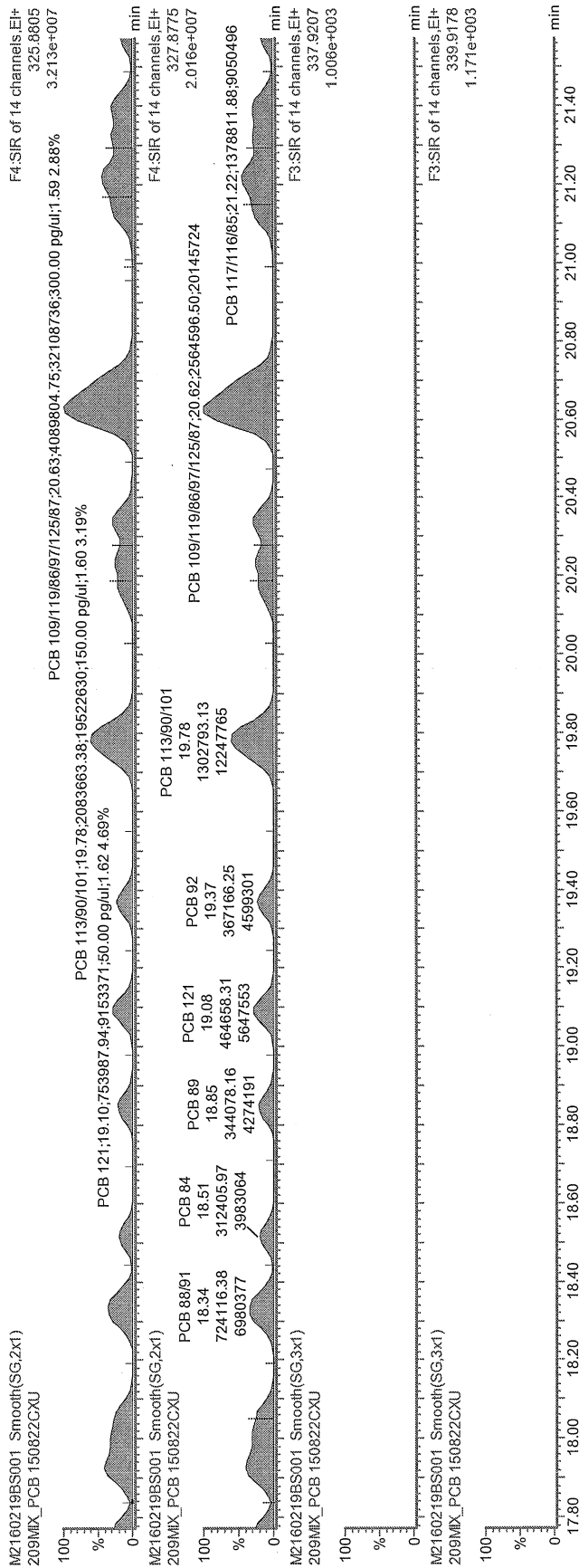
FEB 24 2016



*hef*  
2016-02-21

FEB 24 2016

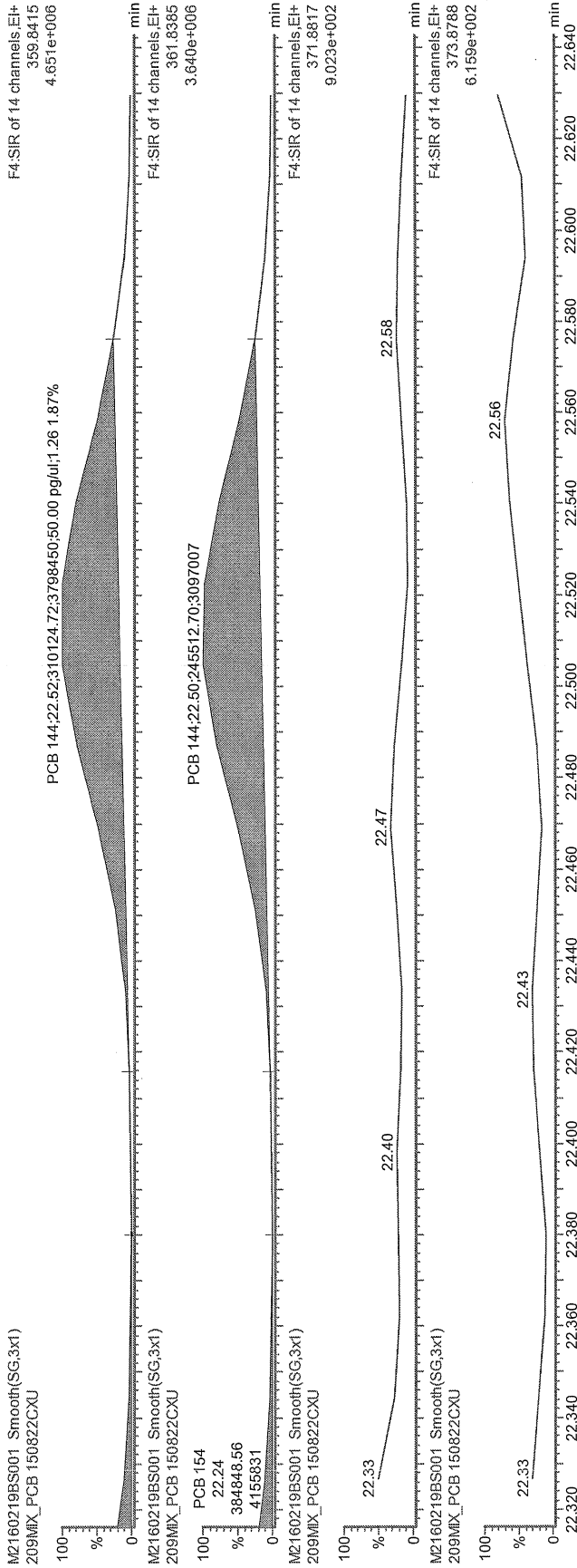
*hef*



M

2016-02-21

FEB 24 2016



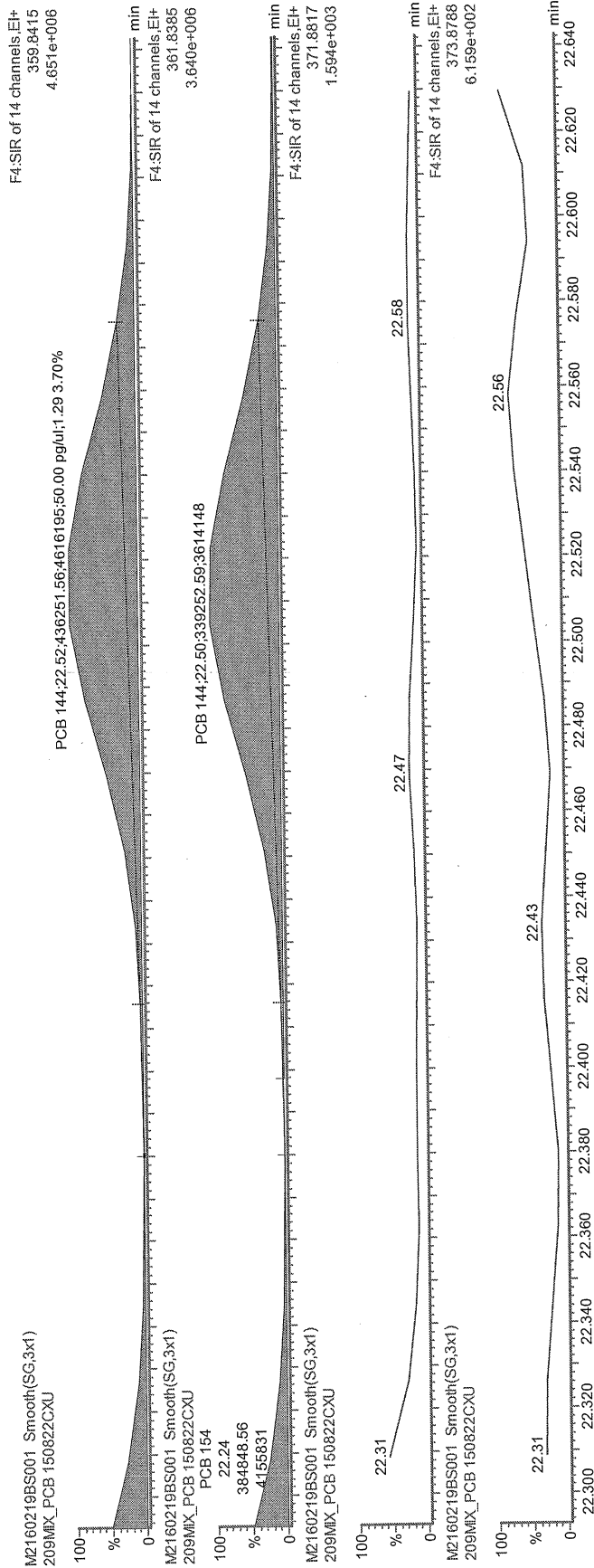
*bej*

2016-02-21

*[Handwritten signature]*

FEB 24 2016

*[Handwritten signature]*



MS

2016-02-21

*[Handwritten signature]*

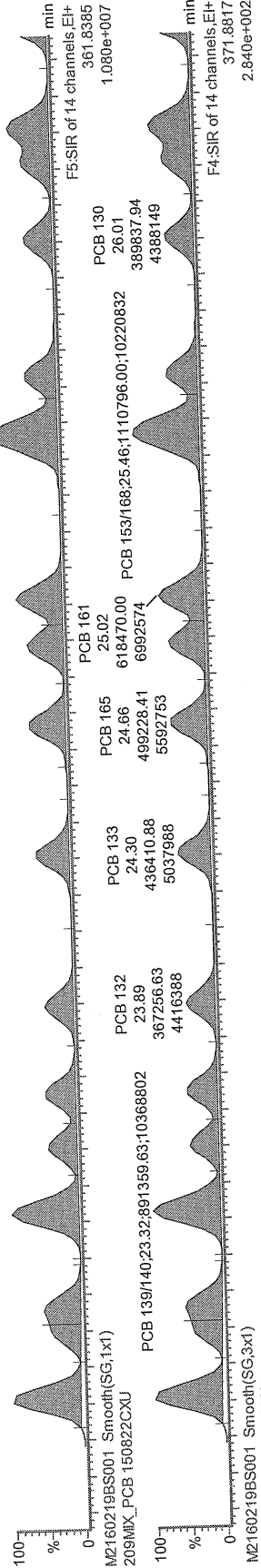
FEB 24 2016

*[Handwritten signature]*

F5:SIR of 14 channels.EI+  
359.8415  
1.386e+007

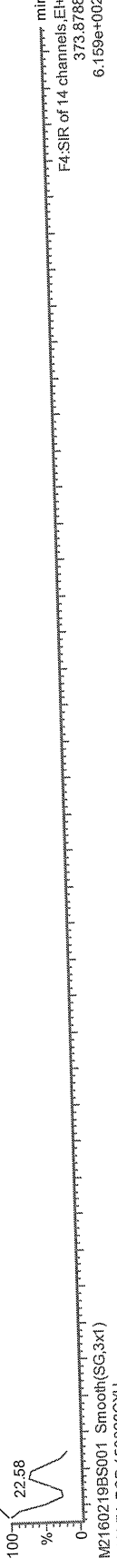
PCB 153/168;25.46;1434101.13;13199419;100.00 pg/ml;1.29 4.12%

M2160219BS001 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU



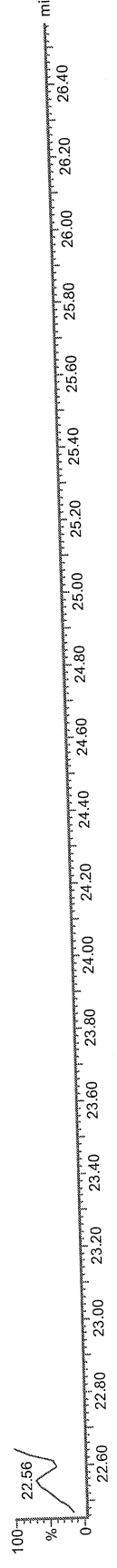
F5:SIR of 14 channels.EI+  
361.8385  
1.080e+007

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



F4:SIR of 14 channels.EI+  
373.8788  
6.159e+002

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU



*bf*

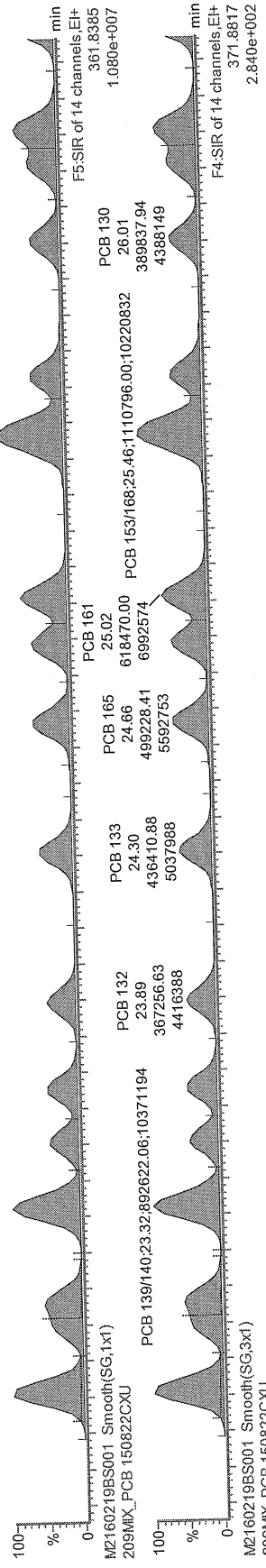
2016-02-21

FEB 24 2016

*JK*

F5:SIR of 14 channels, E1+  
359.8415  
1.386e+007

PCB 153/168;25.46;1434101.13;13199419;100.00 pg/ul;1.29 4.12%



F4:SIR of 14 channels, E1+  
373.8788  
6.159e+002

M2160219BS001 Smooth(SG,1x1)  
209MIX\_PCB 150822CXU

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

M2160219BS001 Smooth(SG,3x1)  
209MIX\_PCB 150822CXU

MS

2016-02-21

FEB 24 2016



M2160219BS001

RUN#:	ANALYTE TABLE #	PCB NAME:	PCB RT:	RRT REF STD #:	STD RT:	RRT:
	1	1	9	165	9	1.000
	2	2	10.1	166	10.19	0.991
	3	3	10.2	166	10.19	1.001
	4	4	10.31	167	10.3	1.001
	5	10	10.39	167	10.3	1.009
	6	9	11.21	167	10.3	1.088
	7	7	11.27	167	10.3	1.094
	8	6	11.37	167	10.3	1.104
	9	5	11.52	167	10.3	1.118
	10	8	11.56	167	10.3	1.122
	11	14	12.27	168	12.94	0.948
	12	11	12.65	168	12.94	0.978
	13	13/12	12.8	168	12.94	0.989
	14	15	12.94	168	12.94	1.000
	15	19	11.69	169	11.69	1.000
	16	30/18	12.5	169	11.69	1.069
	17	17	12.69	169	11.69	1.086
	18	27	12.8	169	11.69	1.095
	19	24	12.86	169	11.69	1.100
	20	16	12.88	169	11.69	1.102
	21	32	13.15	169	11.69	1.125
	22	34	13.75	169	11.69	1.176
	23	23	13.84	169	11.69	1.184
	24	26/29	14	169	11.69	1.198
	25	25	14.11	170	16.69	0.845
	26	31	14.27	170	16.69	0.855
	27	28/20	14.44	170	16.69	0.865
	28	21/33	14.54	170	16.69	0.871
	29	22	14.76	170	16.69	0.884
	30	36	15.61	170	16.69	0.935
	31	39	15.81	170	16.69	0.947
	32	38	16.19	170	16.69	0.970
	33	35	16.44	170	16.69	0.985
	34	37	16.71	170	16.69	1.001
	35	54	13.09	171	13.07	1.002
	36	53/50	14.13	171	13.07	1.081
	37	45/51	14.49	171	13.07	1.109
	38	46	14.65	171	13.07	1.121
	39	52	15.38	171	13.07	1.177
	40	73	15.45	171	13.07	1.182
	41	43	15.52	171	13.07	1.187
	42	69/49	15.65	171	13.07	1.197
	43	48	15.85	171	13.07	1.213
	44	44/47/65	15.99	171	13.07	1.223
	45	59/62/75	16.17	171	13.07	1.237
	46	42	16.28	171	13.07	1.246
	47	40/41/71	16.57	171	13.07	1.268
	48	64	16.71	171	13.07	1.279
	49	72	17.21	172	21.42	0.803
	50	68	17.41	172	21.42	0.813
	51	57	17.68	172	21.42	0.825
	52	58	17.84	172	21.42	0.833
	53	67	17.96	172	21.42	0.838
	54	63	18.14	172	21.42	0.847
	55	61/70/74/76	18.35	172	21.42	0.857
	56	66	18.59	172	21.42	0.868
	57	55	18.71	172	21.42	0.873
	58	56	19.07	172	21.42	0.890
	59	60	19.23	172	21.42	0.898
	60	80	19.48	172	21.42	0.909
	61	79	20.63	172	21.42	0.963
	62	78	21.08	172	21.42	0.984
	63	81	21.44	172	21.42	1.001
	64	77	21.88	173	21.86	1.001
	65	104	15.94	174	15.94	1.000
	66	96	16.17	174	15.94	1.014
	67	103	17.32	174	15.94	1.087
	68	94	17.48	174	15.94	1.097
	69	95	17.77	174	15.94	1.115
	70	100/93/102/98	17.93	174	15.94	1.125
	71	88/91	18.34	174	15.94	1.151

16.02.21  
e

72	84	18.51	174	15.94	1.161
73	89	18.85	174	15.94	1.183
74	121	19.1	174	15.94	1.198
75	92	19.37	174	15.94	1.215
76	113/90/101	19.78	174	15.94	1.241
77	83/99	20.24	174	15.94	1.270
78	112	20.33	174	15.94	1.275
79	109/119/86/97/	20.63	174	15.94	1.294
80	117/116/85	21.22	174	15.94	1.331
81	110/115	21.4	174	15.94	1.343
82	82	21.6	174	15.94	1.355
83	111	21.86	174	15.94	1.371
84	120	22.26	174	15.94	1.396
85	108/124	23.22	175	23.5	0.988
86	107	23.41	175	23.5	0.996
87	123	23.52	175	23.5	1.001
88	106	23.64	175	23.5	1.006
89	118	23.8	176	23.79	1.000
90	122	24.11	176	23.79	1.013
91	114	24.29	177	24.27	1.001
92	105	24.86	178	24.84	1.001
93	127	26.19	179	27.71	0.945
94	126	27.72	179	27.71	1.000
95	155	19.64	180	19.62	1.001
96	152	19.8	180	19.62	1.009
97	150	19.9	180	19.62	1.014
98	136	20.19	180	19.62	1.029
99	145	20.42	180	19.62	1.041
100	148	21.56	180	19.62	1.099
101	151/135	22.06	180	19.62	1.124
102	154	22.24	180	19.62	1.134
103	144	22.52	180	19.62	1.148
104	147/149	22.81	180	19.62	1.163
105	134/143	23.06	180	19.62	1.175
106	139/140	23.32	180	19.62	1.189
107	131	23.5	180	19.62	1.198
108	142	23.66	180	19.62	1.206
109	132	23.89	180	19.62	1.218
110	133	24.3	180	19.62	1.239
111	165	24.68	181	29.51	0.836
112	146	24.89	181	29.51	0.843
113	161	25.02	181	29.51	0.848
114	153/168	25.46	181	29.51	0.863
115	141	25.64	181	29.51	0.869
116	130	26.01	181	29.51	0.881
117	137	26.23	181	29.51	0.889
118	164	26.32	181	29.51	0.892
119	138/163/129	26.62	181	29.51	0.902
120	160	26.78	181	29.51	0.907
121	158	26.99	181	29.51	0.915
122	128/166	27.81	181	29.51	0.942
123	159	28.78	181	29.51	0.975
124	162	29.06	181	29.51	0.985
125	167	29.55	181	29.51	1.001
126	156/157	30.71	182	30.69	1.001
127	169	34.11	183	34.09	1.001
128	188	24.25	184	24.21	1.002
129	179	24.55	184	24.21	1.014
130	184	25.02	184	24.21	1.033
131	176	25.34	184	24.21	1.047
132	186	25.76	184	24.21	1.064
133	178	27.03	184	24.21	1.116
134	175	27.63	184	24.21	1.141
135	187	27.88	184	24.21	1.152
136	182	28.1	184	24.21	1.161
137	183	28.51	185	32.1	0.888
138	185	28.6	185	32.1	0.891
139	174	28.72	185	32.1	0.895
140	177	29.17	185	32.1	0.909
141	181	29.56	185	32.1	0.921
142	171/173	29.8	185	32.1	0.928
143	172	31.46	185	32.1	0.980
144	192	31.76	185	32.1	0.989
145	193/180	32.09	185	32.1	1.000
146	191	32.52	185	32.1	1.013

147	170	33.46	186	33.43	1.001
148	190	34.04	186	33.43	1.018
149	189	36.88	187	36.86	1.001
150	202	29.28	188	29.26	1.001
151	201	30.21	188	29.26	1.032
152	204	30.91	188	29.26	1.056
153	197	31.14	188	29.26	1.064
154	200	31.25	188	29.26	1.068
155	198/199	34.18	188	29.26	1.168
156	196	34.91	189	39.72	0.879
157	203	35.15	189	39.72	0.885
158	195	36.58	189	39.72	0.921
159	194	39.22	189	39.72	0.987
160	205	39.74	189	39.72	1.001
161	208	36.33	190	36.31	1.001
162	207	37.36	190	36.31	1.029
163	206	41.74	191	41.72	1.000
164	209	43.57	192	43.55	1.000
165	1L	9	193	11.19	0.804
166	3L	10.19	193	11.19	0.911
167	4L	10.3	193	11.19	0.920
168	15L	12.94	193	11.19	1.156
169	19L	11.69	193	11.19	1.045
170	37L	16.69	194	15.36	1.087
171	54L	13.07	194	15.36	0.851
172	81L	21.42	194	15.36	1.395
173	77L	21.86	194	15.36	1.423
174	104L	15.94	195	19.78	0.806
175	123L	23.5	195	19.78	1.188
176	118L	23.79	195	19.78	1.203
177	114L	24.27	195	19.78	1.227
178	105L	24.84	195	19.78	1.256
179	126L	27.71	195	19.78	1.401
180	155L	19.62	196	26.58	0.738
181	167L	29.51	196	26.58	1.110
182	156/157L	30.69	196	26.58	1.155
183	169L	34.09	196	26.58	1.283
184	188L	24.21	196	26.58	0.911
185	180L	32.1	197	39.19	0.819
186	170L	33.43	197	39.19	0.853
187	189L	36.86	197	39.19	0.941
188	202L	29.26	197	39.19	0.747
189	205L	39.72	197	39.19	1.014
190	208L	36.31	197	39.19	0.927
191	206L	41.72	197	39.19	1.065
192	209L	43.55	197	39.19	1.111
193	9L	11.19			ABS
194	52L	15.36			ABS
195	101L	19.78			ABS
196	138L	26.58			ABS
197	194L	39.19			ABS
198	28L	14.42	194	15.36	0.939
199	111L	21.85	195	19.78	1.105
200	178L	26.99	196	26.58	1.015
201	31L	14.26	194	15.36	0.928
202	95L	17.75	195	19.78	0.897
203	153L	25.43	196	26.58	0.957

19-FEB-2016  
12:07:03  
3: SIR of 14 Channels El+  
255.961  
1.52e7

209MIX\_PCB 150822CXU  
M2160219BS001

PCB34

13.75

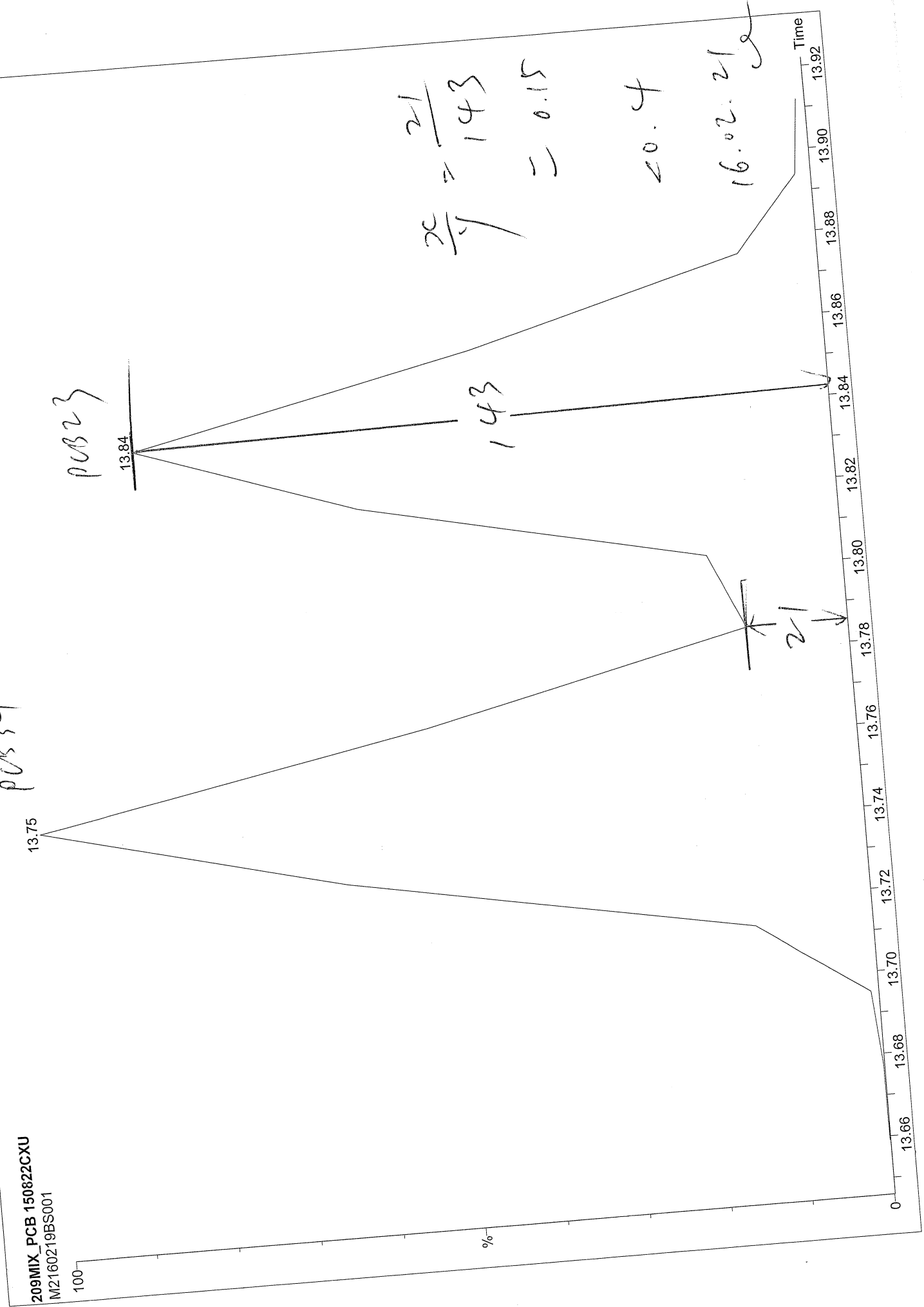
PCB23

13.84

$$\frac{21}{143} = 0.15$$

20.4

16.02.21g

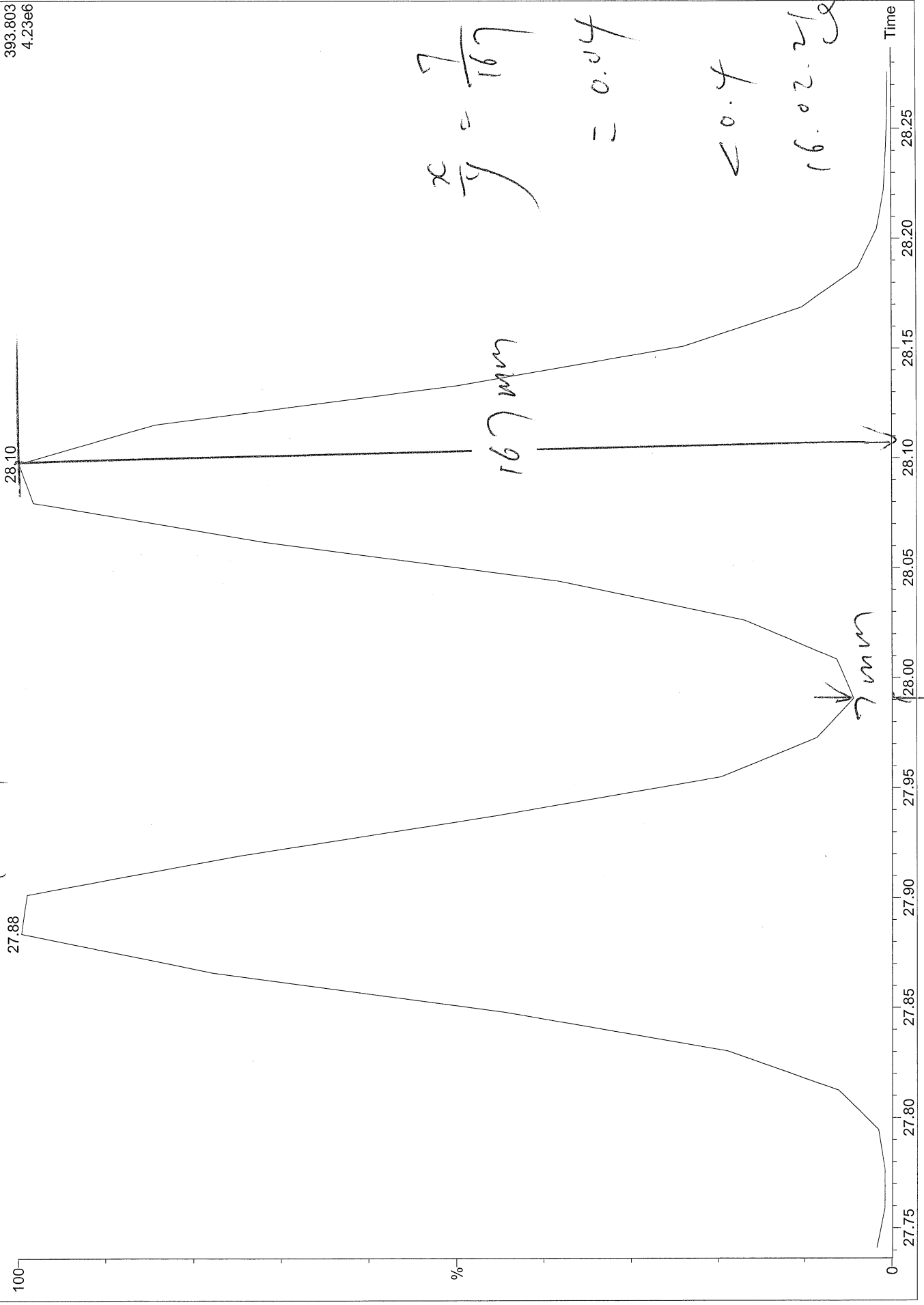


19-FEB-2016  
12:07:03  
5: SIR of 14 Channels EI+  
393.803  
4.23e6

PCB 182

PCB 187

209MIX\_PCB 150822CXU  
M2160219BS001



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219BS014CS3\_1668A.qld

Last Altered: February 21, 2016 4:30:25 PM Eastern Standard Time

Printed: February 21, 2016 5:28:25 PM 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

Description: CS3\_PCB 150417CXU

Vial: 14

Date: 19-FEB-2016

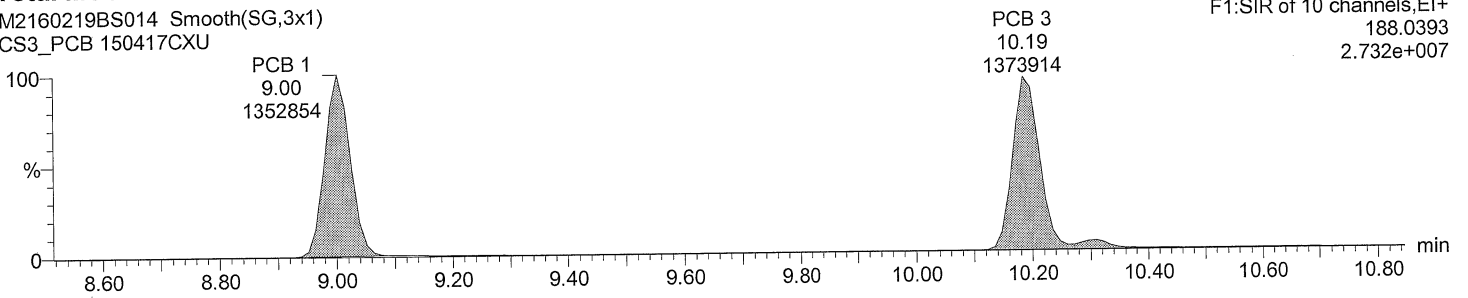
Time: 23:00:55

Instrument: Autospec-UltimaE

Total MoCB F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

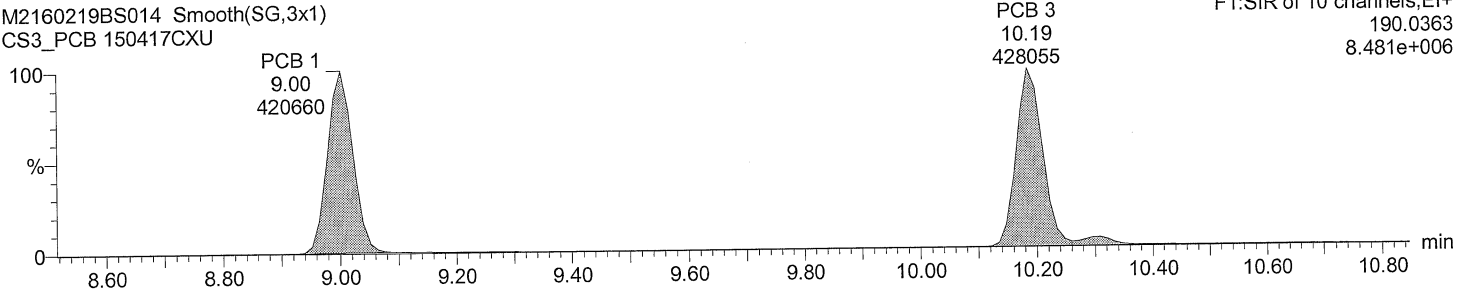
F1:SIR of 10 channels, EI+  
188.0393  
2.732e+007



Total MoCB F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

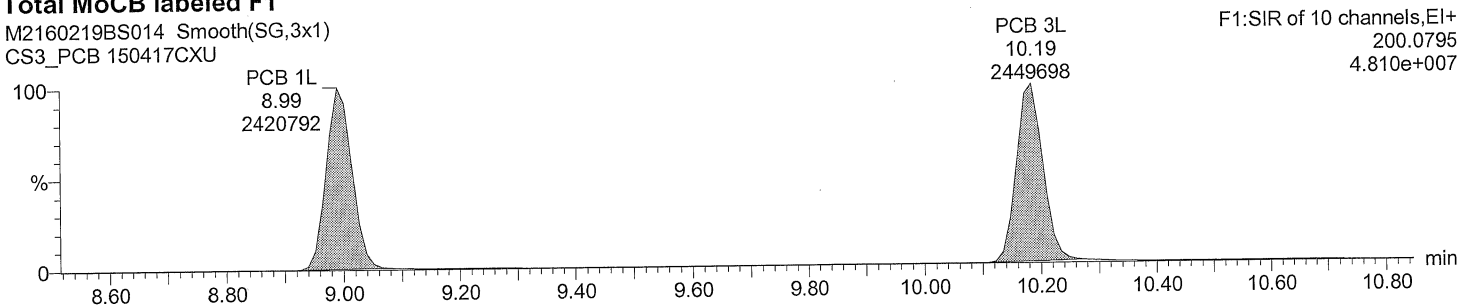
F1:SIR of 10 channels, EI+  
190.0363  
8.481e+006



Total MoCB labeled F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

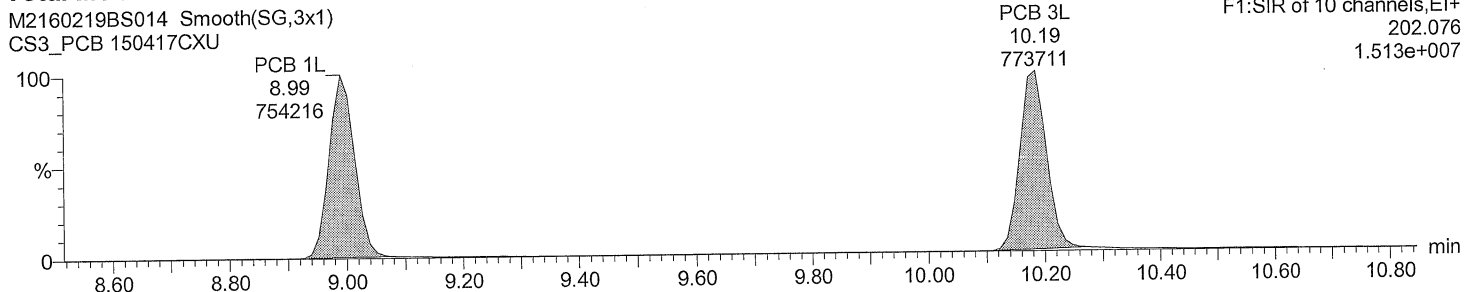
F1:SIR of 10 channels, EI+  
200.0795  
4.810e+007



Total MoCB labeled F1

M2160219BS014 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F1:SIR of 10 channels, EI+  
202.076  
1.513e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:19 PM 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: 19-FEB-2016

Time: 11:13:56

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	9.02	1.001	1298454	413321	3.14	YES	bb	52.389	4.8	105	29	1.134
2	PCB 3	10.20	1.000	1338175	428717	3.12	YES	bd	53.118	6.2	106	30	1.146
3	PCB 4	10.31	1.000	554212	350789	1.58	YES	bb	53.075	6.1	106	31	1.013
4	PCB 15	12.96	1.002	1270625	797593	1.59	YES	db	60.554	21.1	121	32	1.054
5	PCB 19	11.69	1.000	434744	420458	1.03	YES	bb	54.635	9.3	109	33	0.982
6	PCB 37	16.71	1.000	929985	920899	1.01	YES	bb	55.381	10.8	111	34	1.003
7	PCB 54	13.09	1.002	376527	475738	0.79	YES	bb	53.463	6.9	107	35	0.974
8	PCB 81	21.45	1.001	722387	932294	0.77	YES	bb	57.371	14.7	115	36	1.178
9	PCB 77	21.90	1.001	723010	927175	0.78	YES	bb	55.874	11.7	112	37	1.204
10	PCB 104	15.95	1.001	493741	305815	1.61	YES	bb	53.029	6.1	106	38	1.161
11	PCB 123	23.54	1.001	813185	521140	1.56	YES	bd	54.562	9.1	109	39	0.976
12	PCB 118	23.82	1.001	886056	566654	1.56	YES	db	54.912	9.8	110	40	1.078
13	PCB 114	24.30	1.001	831458	531150	1.57	YES	bb	54.024	8.0	108	41	1.092
14	PCB 105	24.87	1.001	829359	531541	1.56	YES	bb	54.587	9.2	109	42	1.066
15	PCB 126	27.74	1.001	825329	508333	1.62	YES	bd	54.394	8.8	109	43	1.062
16	PCB 155	19.65	1.001	432084	334606	1.29	YES	bb	52.417	4.8	105	44	1.045
17	PCB 167	29.56	1.001	798564	633717	1.26	YES	db	55.074	10.1	110	45	1.042
18	PCB 156/157	30.73	1.001	1591436	1250189	1.27	YES	bb	109.813	9.8	110	46	1.117
19	PCB 169	34.13	1.001	760914	596009	1.28	YES	bb	54.217	8.4	108	47	1.035
20	PCB 188	24.25	1.001	386984	357513	1.08	YES	bb	53.235	6.5	106	48	1.077
21	PCB 193/180	32.16	1.001	374090	341487	1.10	YES	bb	51.276	2.6	103	49	1.168
22	PCB 170	33.48	1.001	359482	335989	1.07	YES	bb	50.454	0.9	101	50	1.283
23	PCB 189	36.88	1.001	630052	614619	1.03	YES	bb	51.733	3.5	103	51	0.976
24	PCB 202	29.29	1.001	297675	327775	0.91	YES	bb	53.230	6.5	106	52	1.051
25	PCB 205	39.77	1.001	415811	447639	0.93	YES	bb	52.660	5.3	105	53	1.149
26	PCB 208	36.33	1.001	229976	296249	0.78	YES	bb	50.312	0.6	101	54	1.030
27	PCB 206	41.74	1.001	163317	208584	0.78	YES	bb	47.944	-4.1	96	55	0.984
28	PCB 209	43.60	1.001	191601	157604	1.22	YES	bb	45.730	-8.5	91	56	0.951
29	PCB 1L	9.00	0.803	2310624	709609	3.26	YES	bb	109.344	9.3	109	63	0.901
30	PCB 3L	10.20	0.910	2351418	732419	3.21	YES	bb	107.905	7.9	108	63	0.920
31	PCB 4L	10.31	0.920	1096497	690964	1.59	YES	bb	98.244	-1.8	98	63	0.533
32	PCB 15L	12.94	1.155	2437268	1486199	1.64	YES	bb	108.918	8.9	109	63	1.170
33	PCB 19L	11.69	1.043	900150	841664	1.07	YES	bb	89.840	-10.2	90	63	0.519
34	PCB 37L	16.71	1.087	1910128	1780682	1.07	YES	bb	124.393	24.4	124	64	2.471
35	PCB 54L	13.07	0.850	779960	970748	0.80	YES	bb	90.354	-9.6	90	64	1.172
36	PCB 81L	21.44	1.394	1263539	1544892	0.82	YES	bb	108.199	8.2	108	64	1.880
37	PCB 77L	21.88	1.423	1227162	1514456	0.81	YES	bb	109.455	9.5	109	64	1.836
38	PCB 104L	15.94	0.805	852604	525170	1.62	YES	bb	93.639	-6.4	94	65	1.082
39	PCB 123L	23.52	1.188	1692144	1041882	1.62	YES	bd	110.928	10.9	111	65	2.147
40	PCB 118L	23.80	1.202	1666411	1029026	1.62	YES	db	111.087	11.1	111	65	2.117
41	PCB 114L	24.29	1.227	1554940	941629	1.65	YES	bb	110.608	10.6	111	65	1.961
42	PCB 105L	24.86	1.256	1576758	976276	1.62	YES	bb	110.033	10.0	110	65	2.005
43	PCB 126L	27.72	1.400	1556336	954228	1.63	YES	bb	113.622	13.6	114	65	1.972
44	PCB 155L	19.64	0.738	824508	643170	1.28	YES	bb	89.587	-10.4	90	66	1.257

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:19 PM Eastern Standard Time

**ID:**

**Date: 19-FEB-2016**

**Time: 11:13:56**

**Instrument: Autospec-UltimaE**

**Description: CS3\_PCB 150417CXU**

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
45	PCB 167L	29.53	1.110	1548685	1200803	1.29	YES	db	111.643	11.6	112	66	2.355
46	PCB 156L/157L	30.71	1.154	2859192	2229302	1.28	YES	bb	226.942	13.5	113	66	2.180
47	PCB 169L	34.11	1.282	1480382	1141852	1.30	YES	bb	119.098	19.1	119	66	2.246
48	PCB 188L	24.23	0.911	713163	668889	1.07	YES	bb	89.065	-10.9	89	66	1.184
49	PCB 180L	32.12	0.820	638701	586681	1.09	YES	bb	91.884	-8.1	92	67	1.239
50	PCB 170L	33.45	0.853	564358	520190	1.08	YES	bb	92.930	-7.1	93	67	1.097
51	PCB 189L	36.86	0.940	1319602	1229778	1.07	YES	bb	119.499	19.5	119	67	2.578
52	PCB 202L	29.28	0.747	569980	619795	0.92	YES	bb	84.759	-15.2	85	67	1.203
53	PCB 205L	39.74	1.014	725379	778127	0.93	YES	bb	99.284	-0.7	99	67	1.520
54	PCB 208L	36.31	0.926	452504	569428	0.79	YES	bb	90.693	-9.3	91	67	1.033
55	PCB 206L	41.72	1.064	333280	422316	0.79	YES	bb	100.594	0.6	101	67	0.764
56	PCB 209L	43.55	1.111	403262	331080	1.22	YES	bb	102.519	2.5	103	67	0.743
57	PCB 28L	14.42	0.938	1826470	1744812	1.05	YES	db	117.252	17.3	117	64	2.391
58	PCB 111L	21.86	1.104	1082909	667233	1.62	YES	bb	102.351	2.4	102	65	1.375
59	PCB 178L	27.01	1.015	425381	402097	1.06	YES	bb	96.723	-3.3	97	66	0.709
60	PCB 31L	14.26	0.927	1780363	1686070	1.06	YES	bd	119.985	20.0	120	64	2.321
61	PCB 95L	17.77	0.897	731087	452883	1.61	YES	bb	98.282	-1.7	98	65	0.930
62	PCB 153L	25.44	0.956	791019	613248	1.29	YES	bb	98.197	-1.8	98	66	1.203
63	PCB 9L	11.21	0.000	2060856	1292100	1.59	YES	bb	178.768	78.8	179	0	33529...
64	PCB 52L	15.38	0.000	662782	830789	0.80	YES	bb	151.544	51.5	152	0	14935...
65	PCB 101L	19.80	0.000	783882	489308	1.60	YES	bb	143.344	43.3	143	0	12731...
66	PCB 138L	26.60	0.000	658884	508384	1.30	YES	bb	144.597	44.6	145	0	11672...
67	PCB 194L	39.19	0.000	480696	508233	0.95	YES	bb	151.418	51.4	151	0	9889....
68	Total MoCB F1								105.507			29	
69	Total MoCB labeled ...								217.249			63	
70	Total DiCB F1								53.075			31	
71	Total DiCB labeled F1								98.244			63	
72	Total DiCB F2								60.554			32	
73	Total DiCB labeled F2								287.687			63	
74	Total TriCB F2								54.635			33	
75	Total TriCB labeled F2								89.840			63	
76	Total TriCB F3								55.381			34	
77	Total TriCB labeled F3								361.630			64	
78	Total TeCB F2								53.463			35	
79	Total TeCB labeled F2								90.354			64	
80	Total TeCB F3											35	
81	Total TeCB labeled F3								151.544			64	
82	Total TeCB F4								113.246			36	
83	Total TeCB labeled F4								217.653			64	
84	Total PeCB F3								53.029			38	
85	Total PeCB labeled F3								93.639			65	
86	Total PeCB F4											39	
87	Total PeCB labeled F4								343.977			65	
88	Total PeCB F5								272.480			39	
89	Total PeCB labeled F5								556.277			65	
90	Total HxCB F4								52.417			44	
91	Total HxCB labeled F4								89.587			66	
92	Total HxCB F5											45	



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:19 PM Eastern Standard Time

**ID:**

**Date: 19-FEB-2016**

**Time: 11:13:56**

**Instrument: Autospec-UltimaE**

**Description: CS3\_PCB 150417CXU**

#	Name	RT	RRT	Area	Sec.Area	Ion Ratio	Ratio Flag	Flags	pg/ul	%Dev	%Rec	IS#	RRF
93	Total HxCB labeled F5								242.794			66	
94	Total HxCB F6								219.105			45	
95	Total HxCB labeled F6								457.683			66	
96	Total HpCB F5								53.235			48	
97	Total HpCB labeled ...								185.788			67	
98	Total HpCB F6								101.730			49	
99	Total HpCB labeled ...								184.814			67	
100	Total HpCB F7								51.733			51	
101	Total HpCB labeled ...								119.499			67	
102	Total OcCB F6								53.230			52	
103	Total OcCB labeled ...								84.759			67	
104	Total OcCB F7								52.660			53	
105	Total OcCB labeled ...								250.702			67	
106	Total NoCB F7								98.256			54	
107	Total NoCB labeled ...								191.287			67	
108	Total DeCB F7								45.730			56	
109	Total DeCB labeled ...								102.519			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\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM 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

Description: CS3\_PCB 150417CXU

Vial: 1

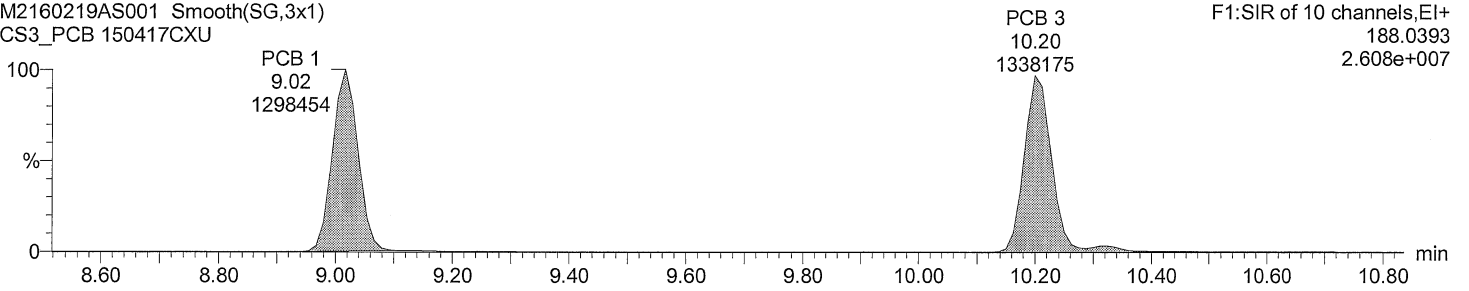
Date: 19-FEB-2016

Time: 11:13:56

Instrument: Autospec-UltimaE

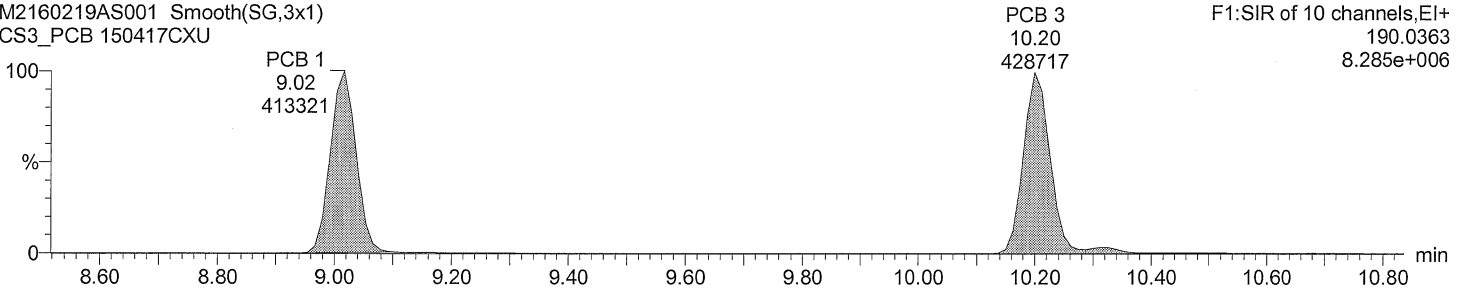
Total MoCB F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



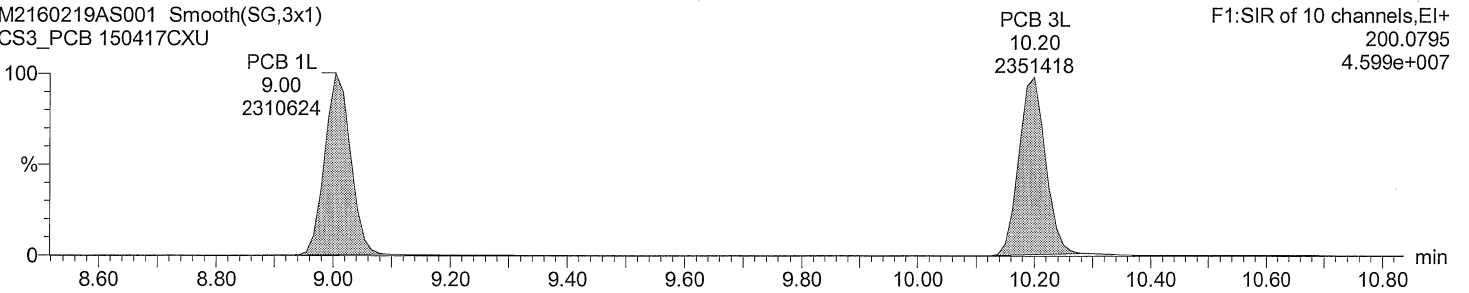
Total MoCB F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



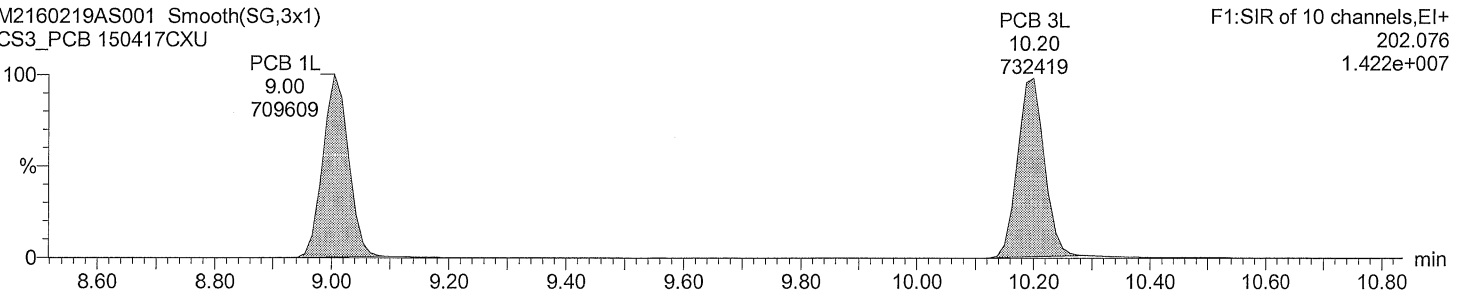
Total MoCB labeled F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total MoCB labeled F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

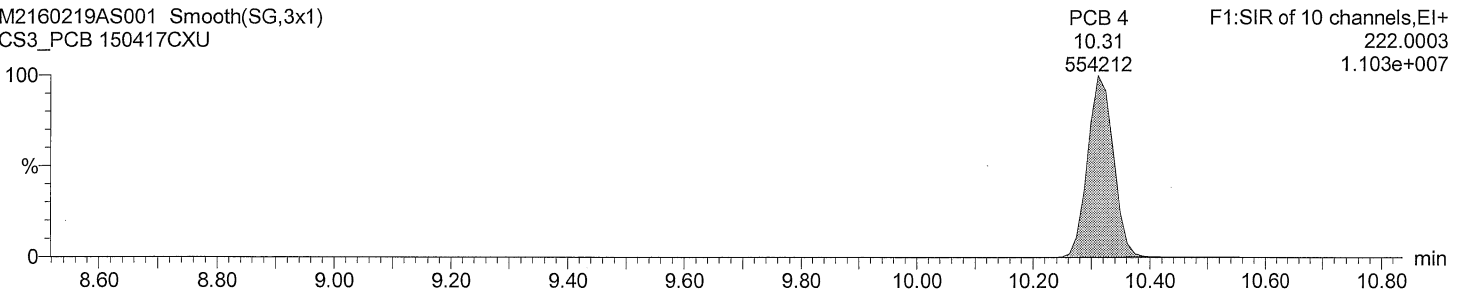
Date: 19-FEB-2016

Time: 11:13:56

Instrument: Autospec-UltimaE

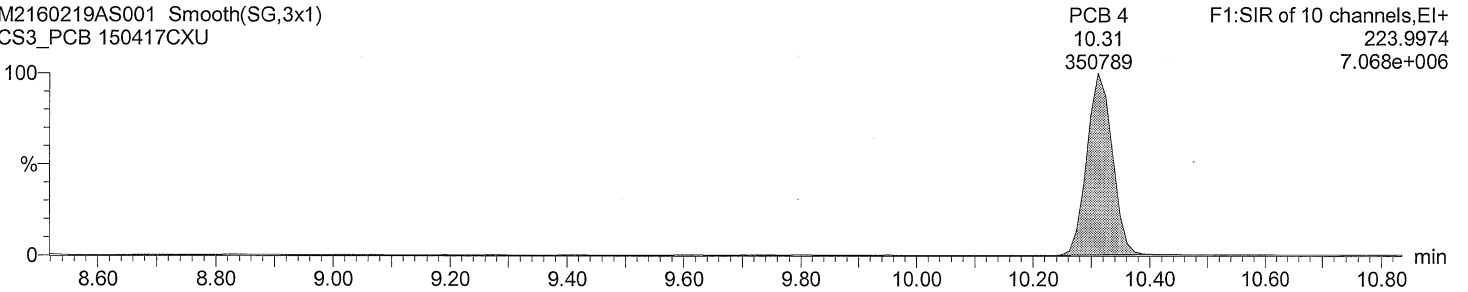
Total DiCB F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



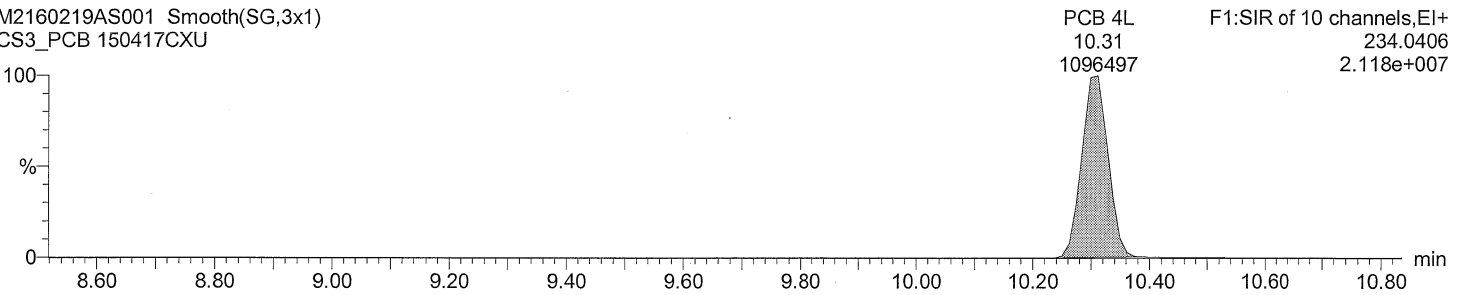
Total DiCB F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



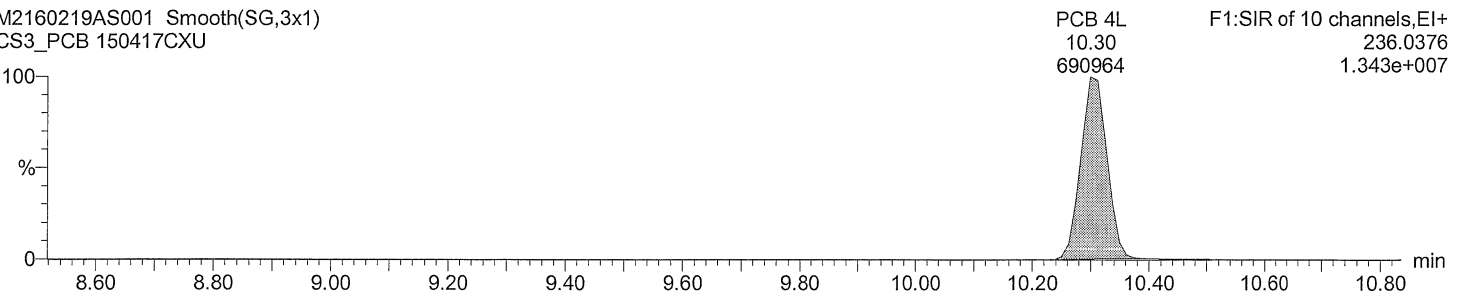
Total DiCB labeled F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total DiCB labeled F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

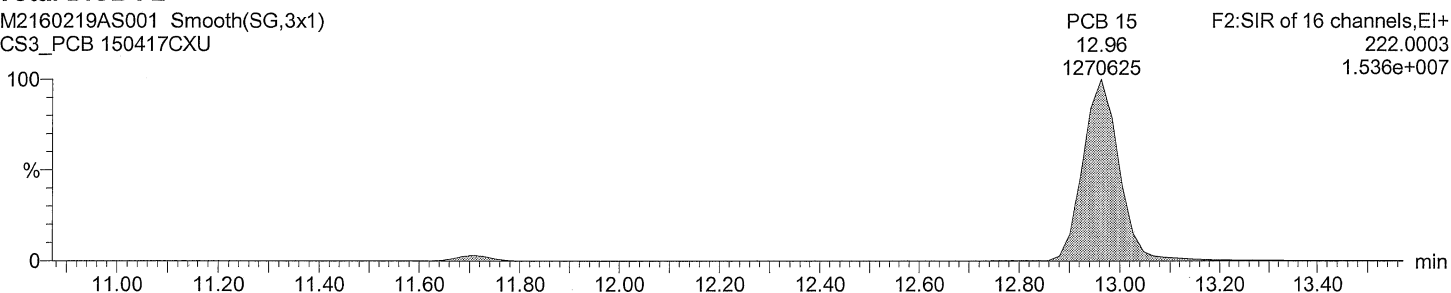
Date: 19-FEB-2016

Time: 11:13:56

Instrument: Autospec-UltimaE

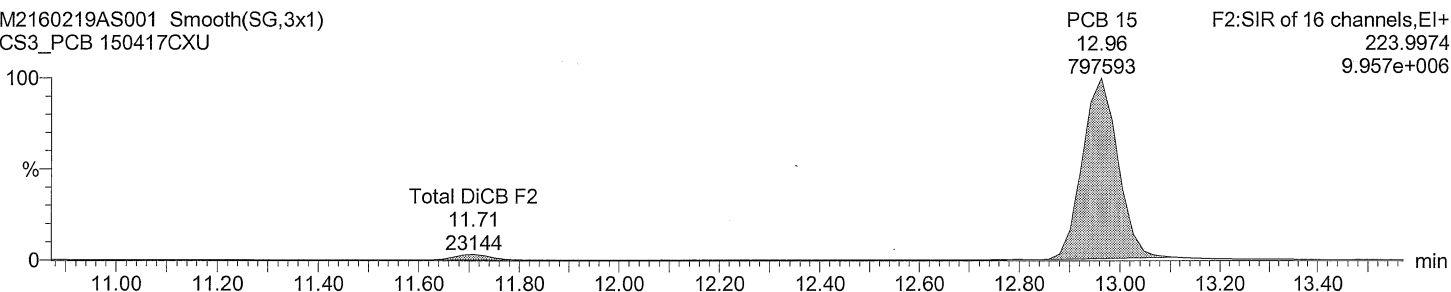
Total DiCB F2

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



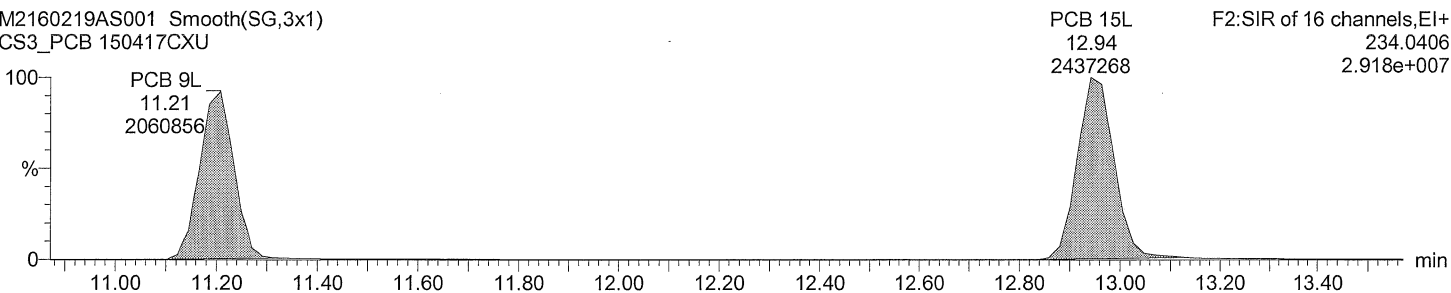
Total DiCB F2

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



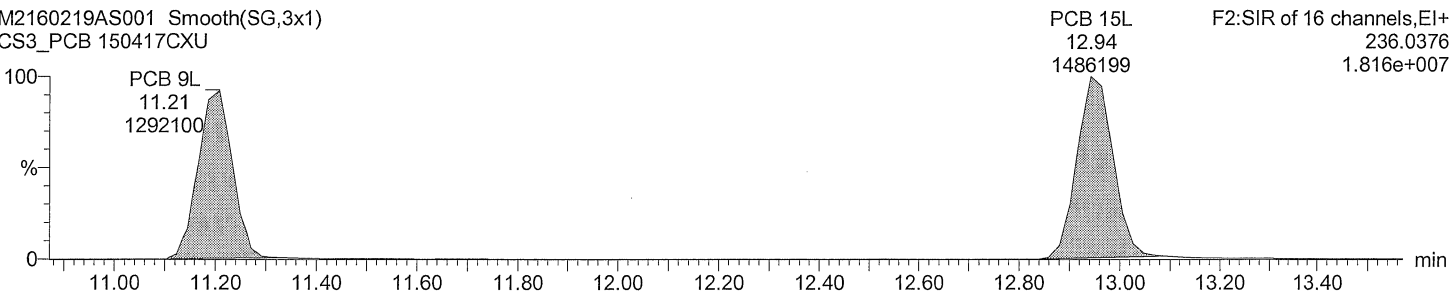
Total DiCB labeled F2

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total DiCB labeled F2

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\IM2160219AS001CS3\_1668A.qld

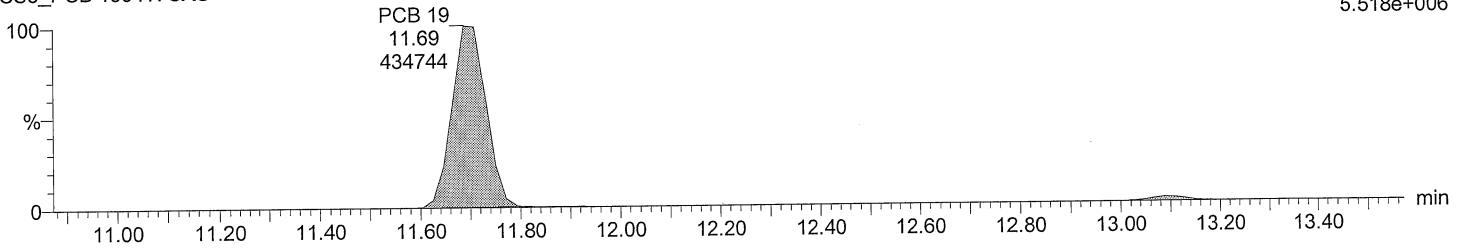
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

**Total TriCB F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

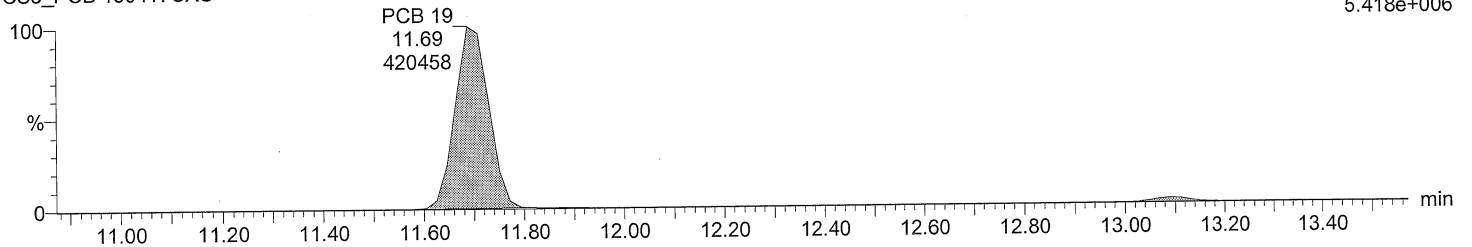
F2:SIR of 16 channels, EI+  
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5.518e+006



**Total TriCB F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

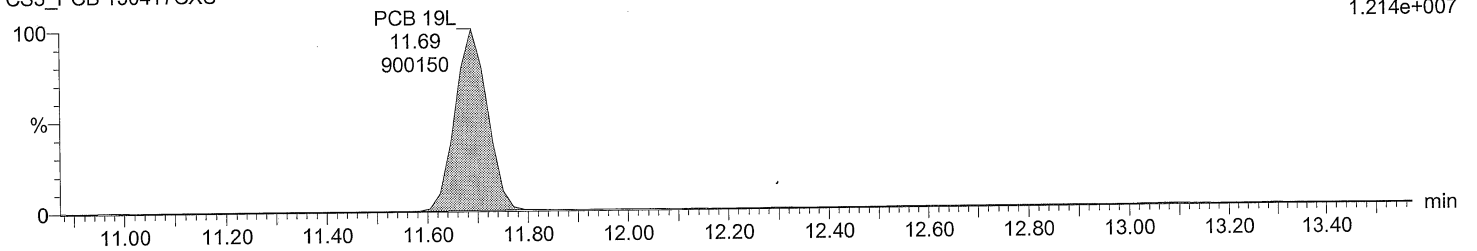
F2:SIR of 16 channels, EI+  
257.9584  
5.418e+006



**Total TriCB labeled F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

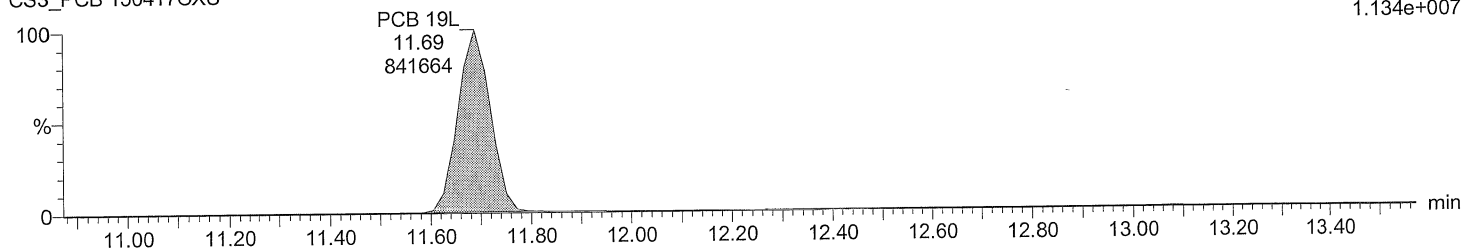
F2:SIR of 16 channels, EI+  
268.0016  
1.214e+007



**Total TriCB labeled F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F2:SIR of 16 channels, EI+  
269.9986  
1.134e+007



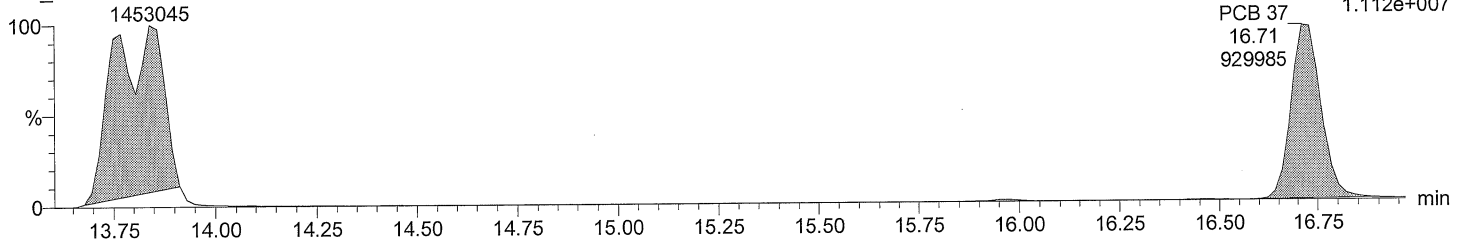
Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

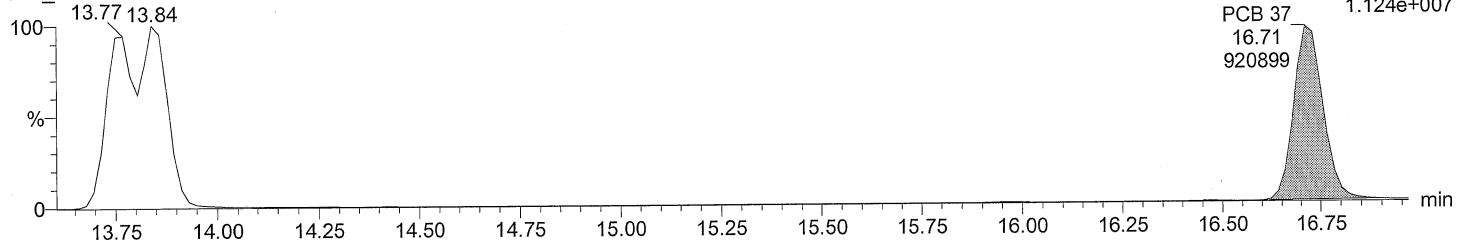
Total TriCB F3

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



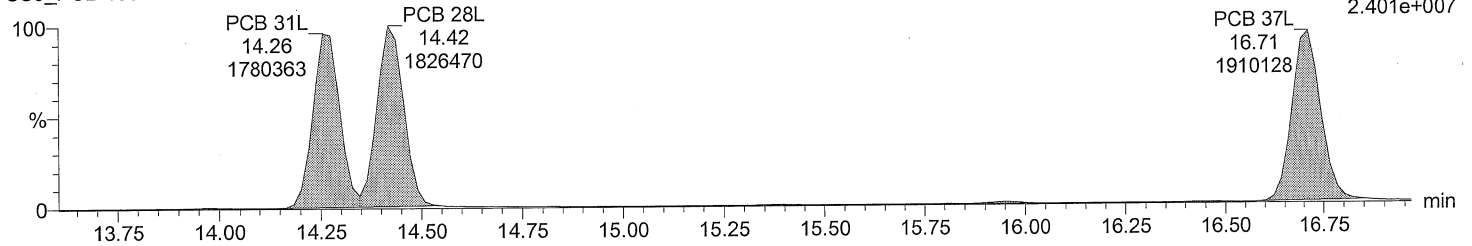
Total TriCB F3

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



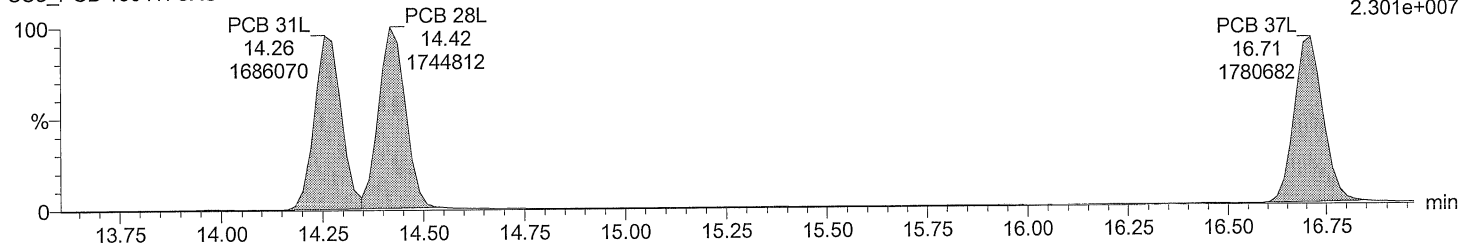
Total TriCB labeled F3

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TriCB labeled F3

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

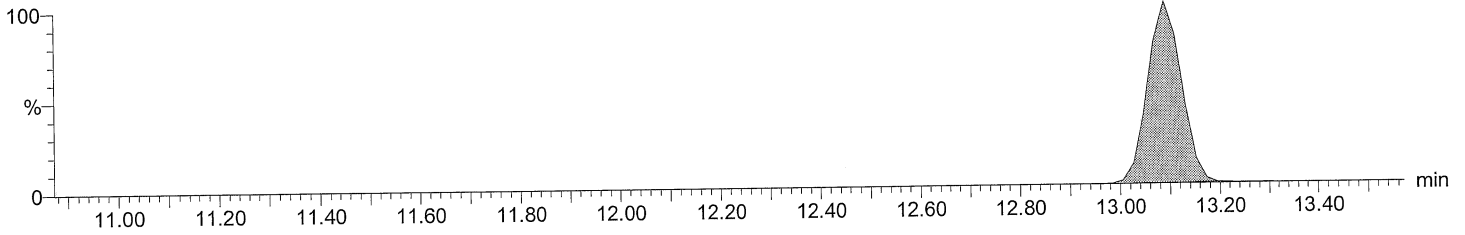
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

**Total TeCB F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

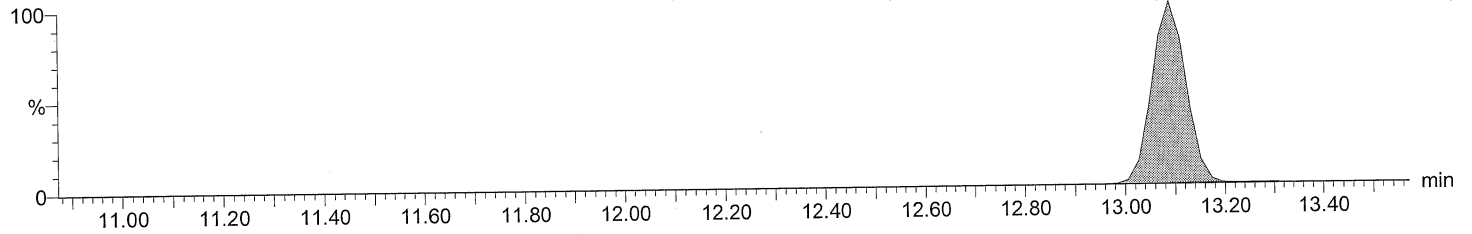
PCB 54 F2:SIR of 16 channels,EI+  
13.09 289.9224  
376527 4.847e+006



**Total TeCB F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

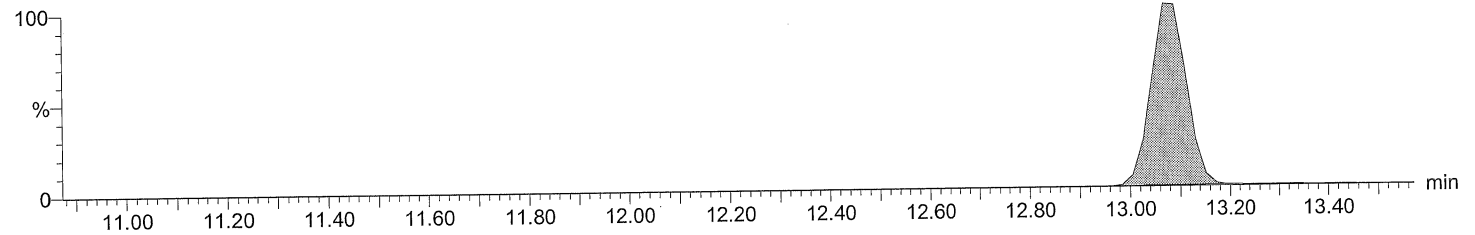
PCB 54 F2:SIR of 16 channels,EI+  
13.09 291.9194  
475738 6.107e+006



**Total TeCB labeled F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

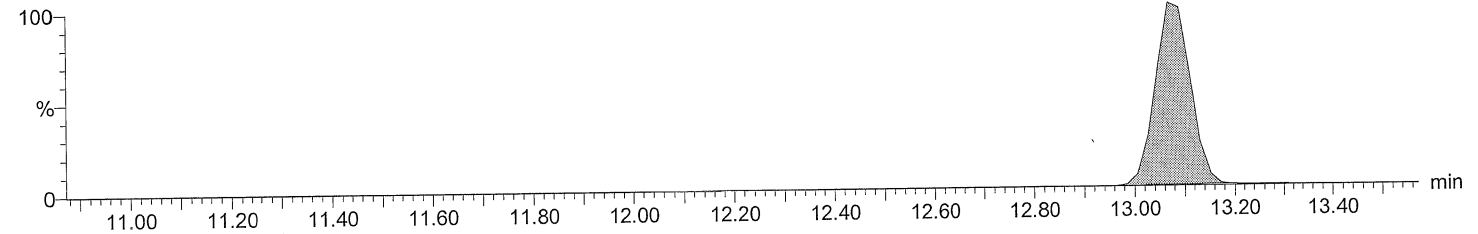
PCB 54L F2:SIR of 16 channels,EI+  
13.07 301.9626  
779960 9.505e+006



**Total TeCB labeled F2**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 54L F2:SIR of 16 channels,EI+  
13.07 303.9597  
970748 1.197e+007



**Quantify Sample Report** MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
 Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

**Description: CS3\_PCB 150417CXU**

Vial: 1

Date: 19-FEB-2016

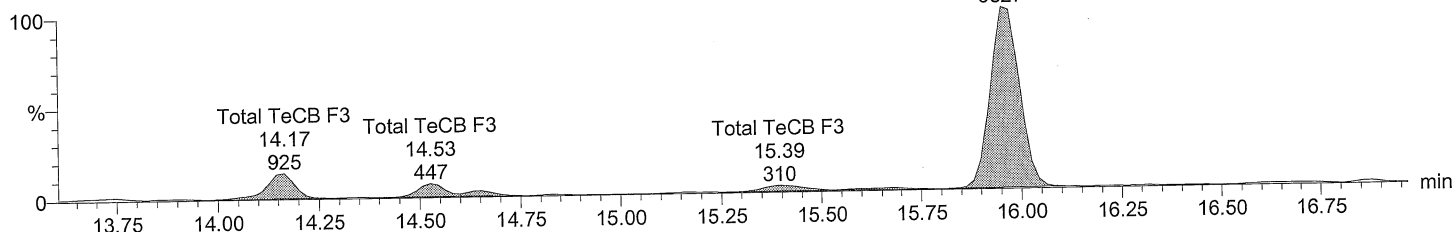
Time: 11:13:56

Instrument: Autospec-UltimaE

**Total TeCB F3**

M2160219AS001 Smooth(SG,3x1)  
 CS3\_PCB 150417CXU

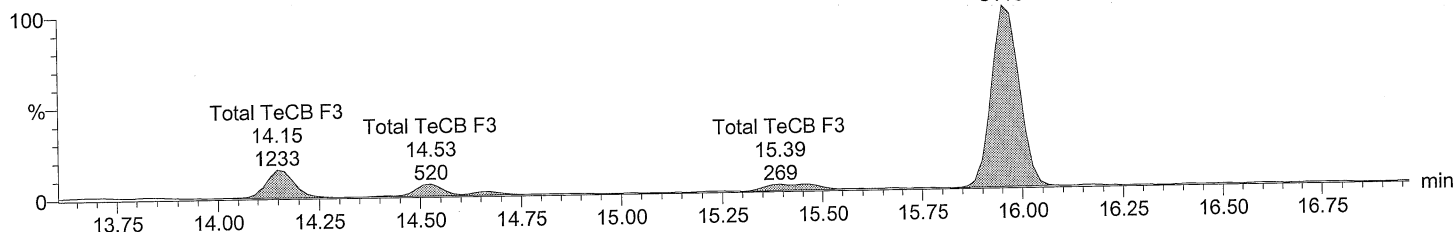
Total TeCB F3  
 15.95  
 6827  
 F3:SIR of 14 channels, EI+  
 289.9224  
 8.214e+004



**Total TeCB F3**

M2160219AS001 Smooth(SG,3x1)  
 CS3\_PCB 150417CXU

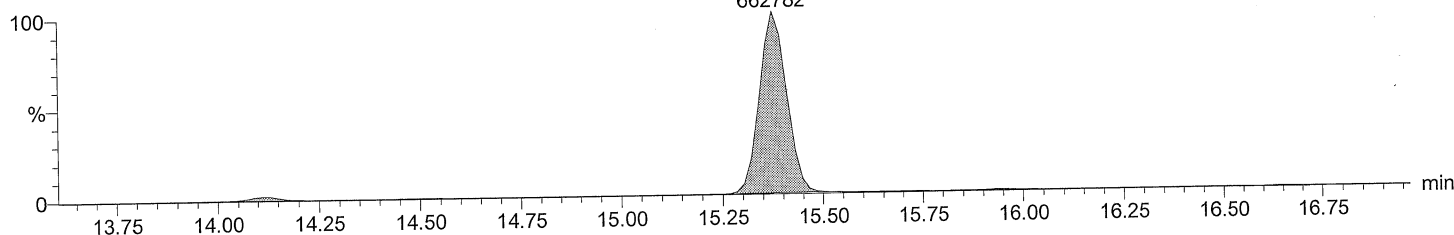
Total TeCB F3  
 15.95  
 8115  
 F3:SIR of 14 channels, EI+  
 291.9194  
 1.027e+005



**Total TeCB labeled F3**

M2160219AS001 Smooth(SG,3x1)  
 CS3\_PCB 150417CXU

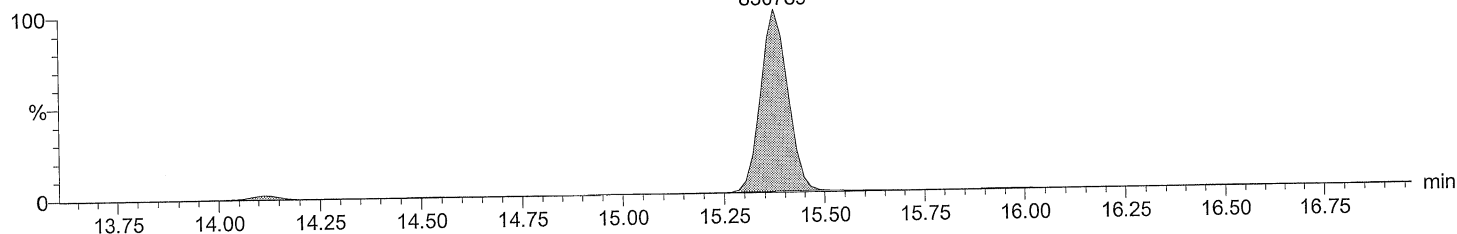
PCB 52L  
 15.38  
 662782  
 F3:SIR of 14 channels, EI+  
 301.9626  
 8.589e+006



**Total TeCB labeled F3**

M2160219AS001 Smooth(SG,3x1)  
 CS3\_PCB 150417CXU

PCB 52L  
 15.38  
 830789  
 F3:SIR of 14 channels, EI+  
 303.9597  
 1.074e+007





Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

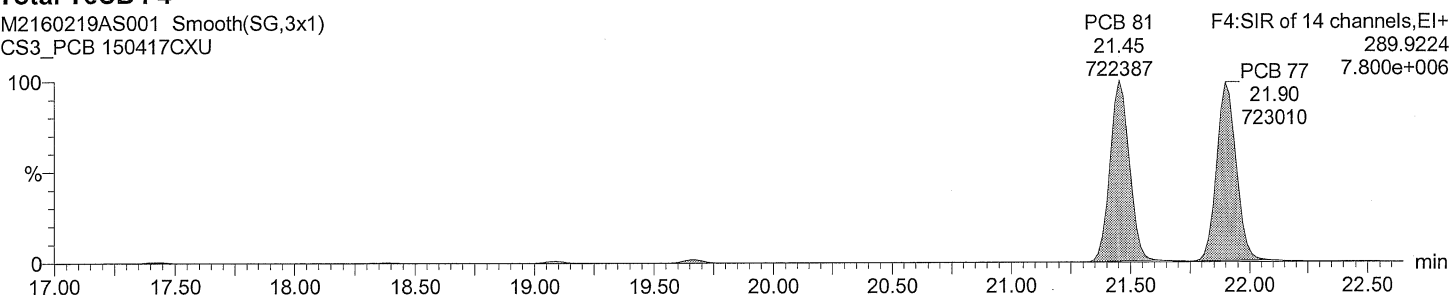
Date: 19-FEB-2016

Time: 11:13:56

Instrument: Autospec-UltimaE

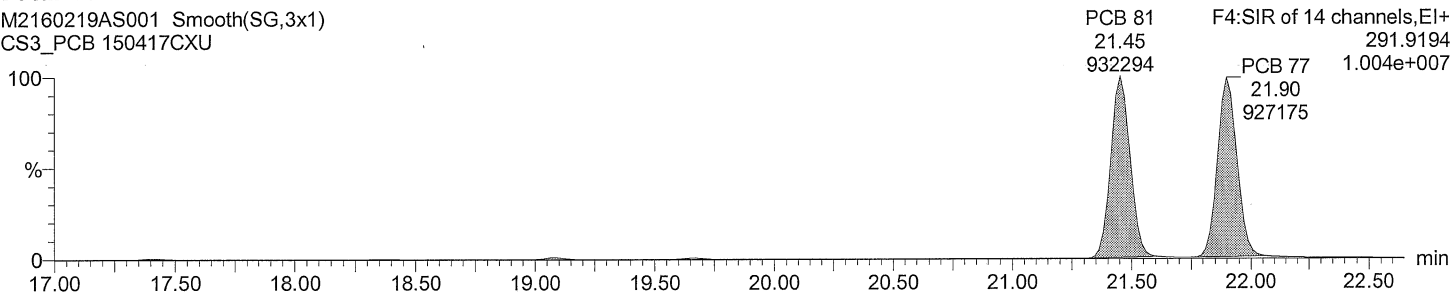
Total TeCB F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



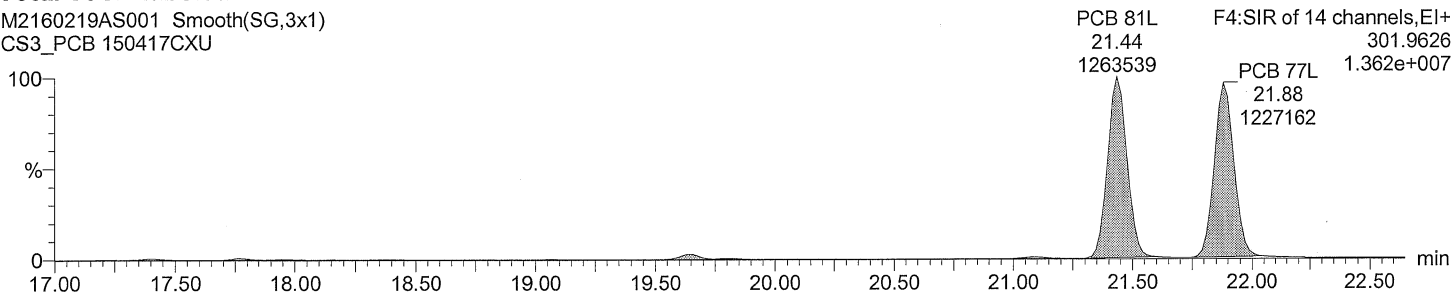
Total TeCB F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



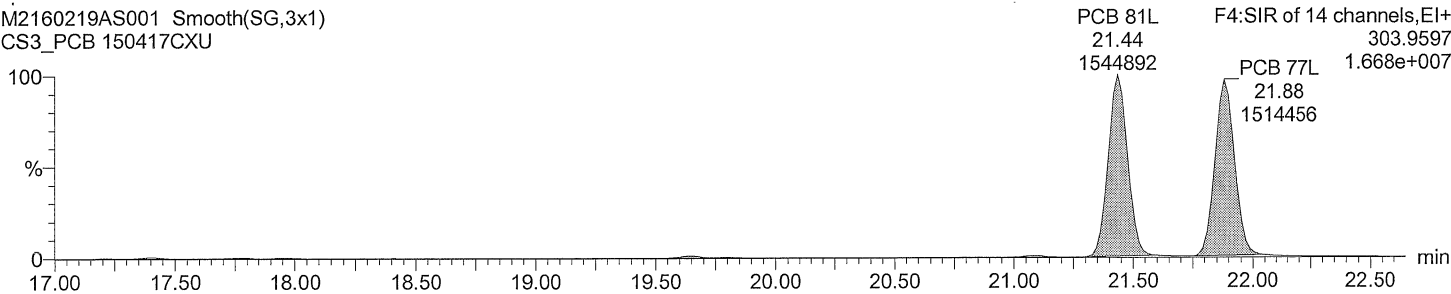
Total TeCB labeled F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total TeCB labeled F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

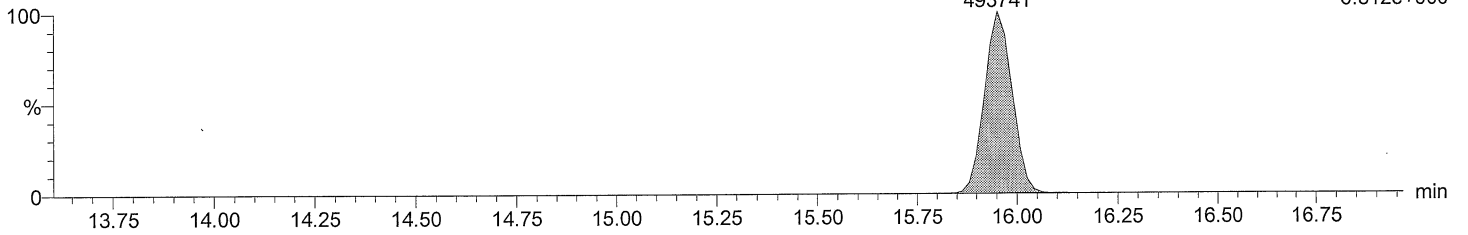
Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

**Total PeCB F3**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.95  
493741

F3:SIR of 14 channels, EI+  
325.8805  
6.312e+006

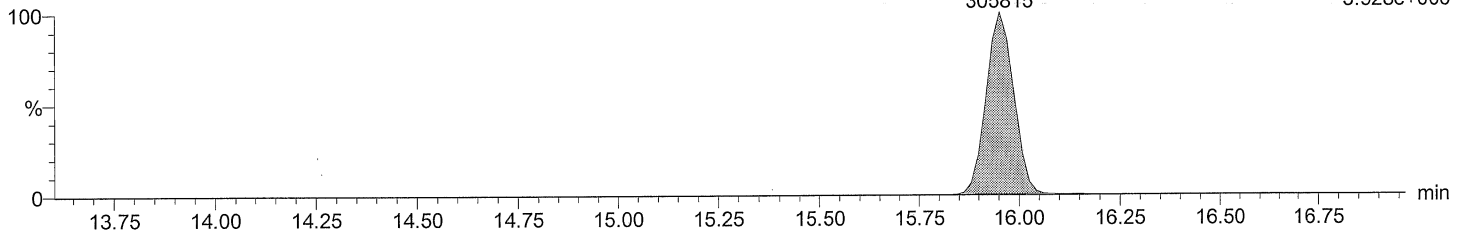


**Total PeCB F3**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104  
15.95  
305815

F3:SIR of 14 channels, EI+  
327.8775  
3.928e+006

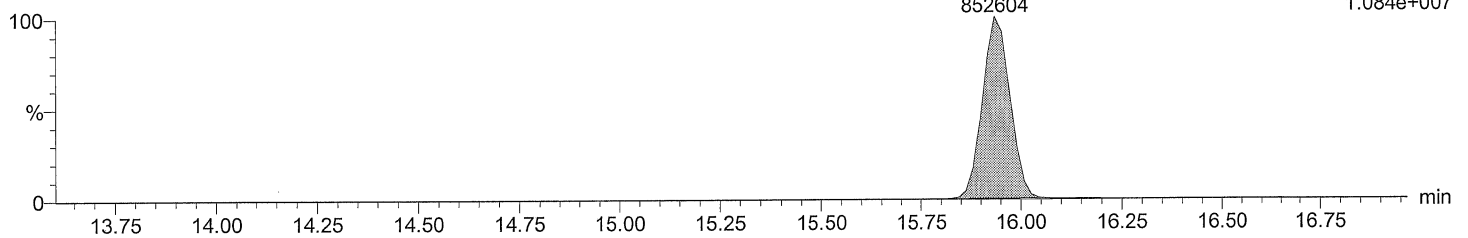


**Total PeCB labeled F3**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.94  
852604

F3:SIR of 14 channels, EI+  
337.9207  
1.084e+007

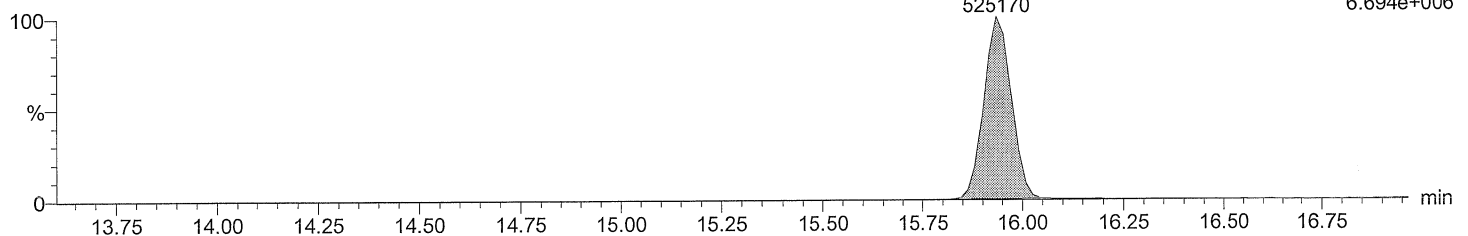


**Total PeCB labeled F3**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 104L  
15.94  
525170

F3:SIR of 14 channels, EI+  
339.9178  
6.694e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

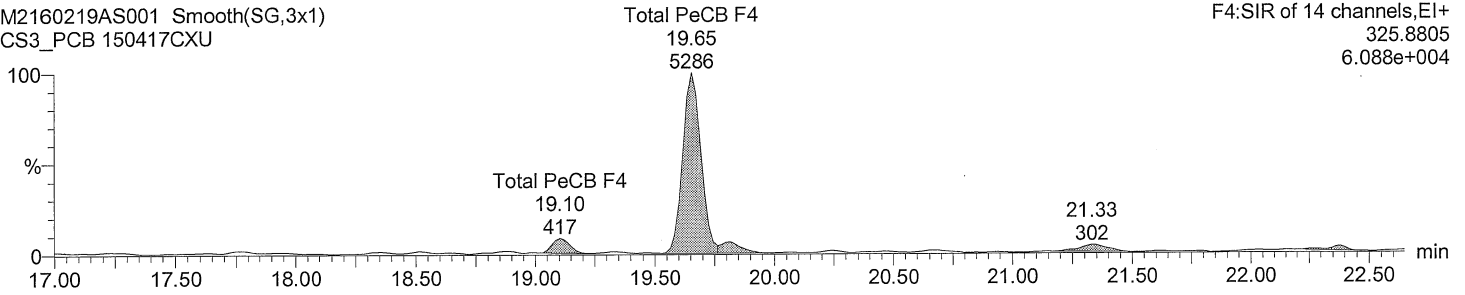
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

**Total PeCB F4**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

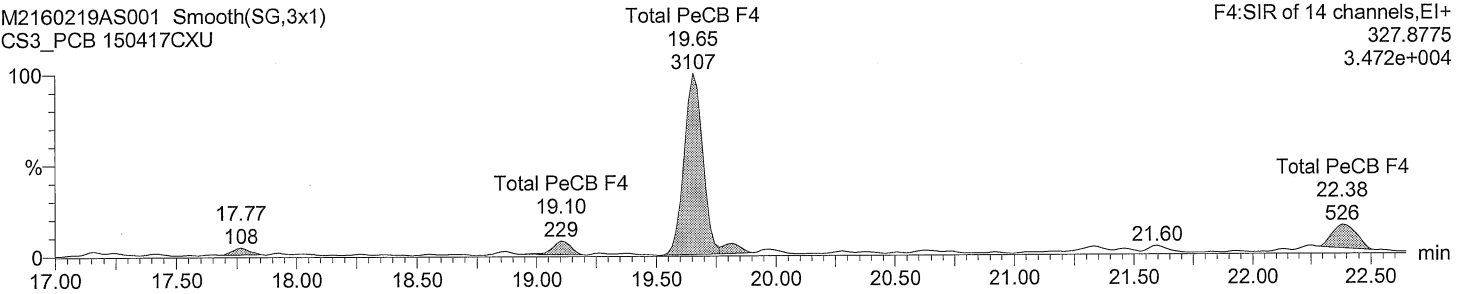
F4:SIR of 14 channels,EI+  
325.8805  
6.088e+004



**Total PeCB F4**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

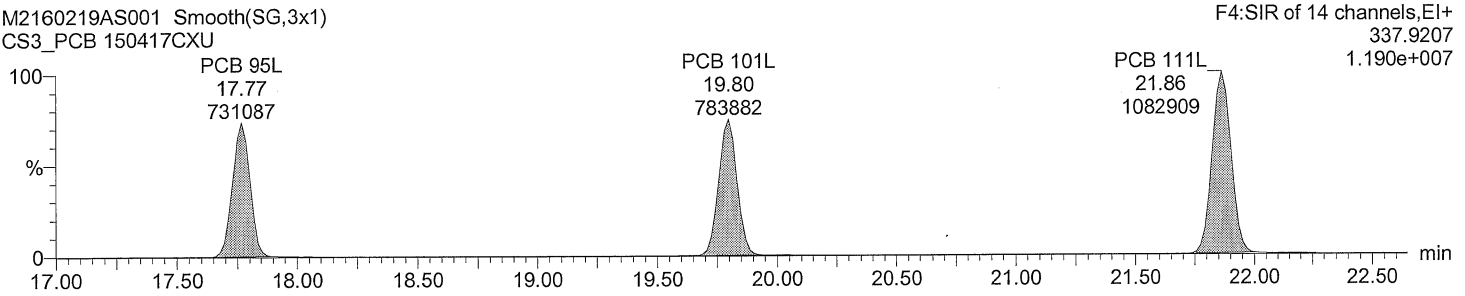
F4:SIR of 14 channels,EI+  
327.8775  
3.472e+004



**Total PeCB labeled F4**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

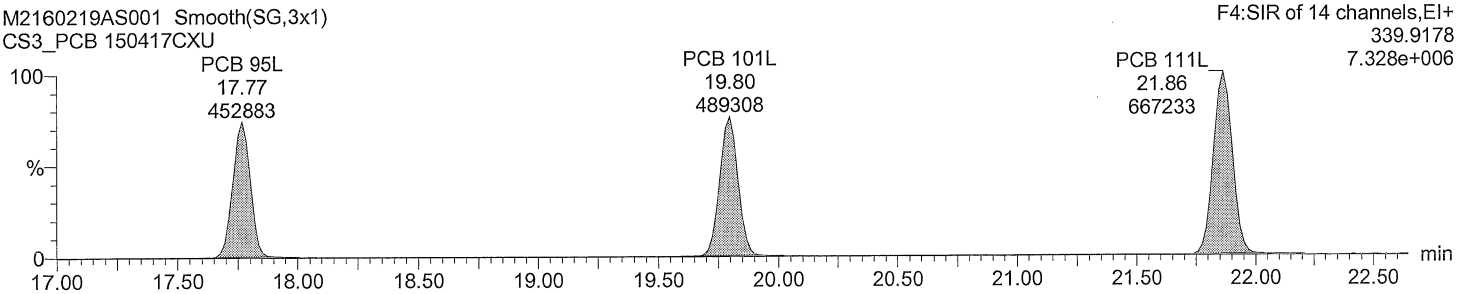
F4:SIR of 14 channels,EI+  
337.9207  
1.190e+007



**Total PeCB labeled F4**

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F4:SIR of 14 channels,EI+  
339.9178  
7.328e+006

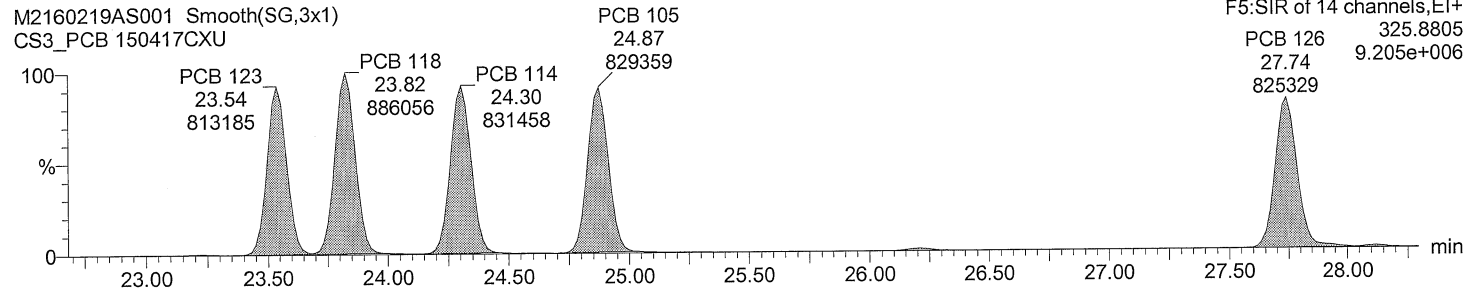


Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

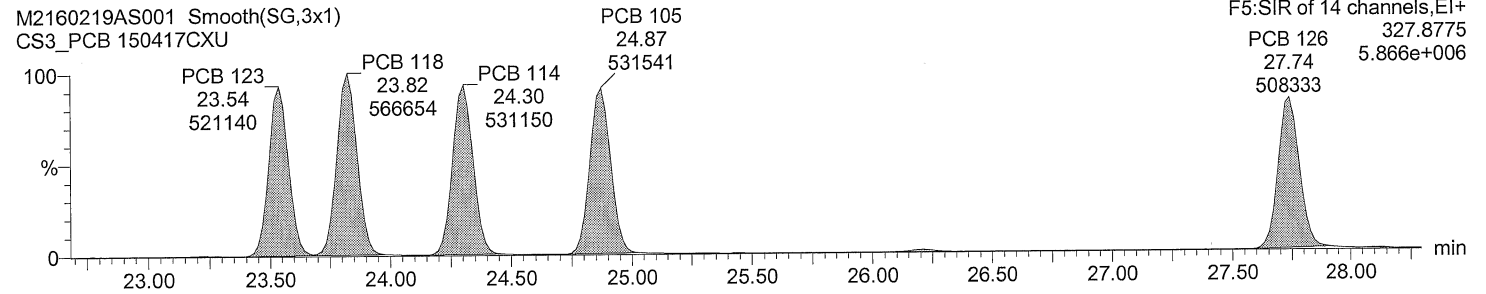
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

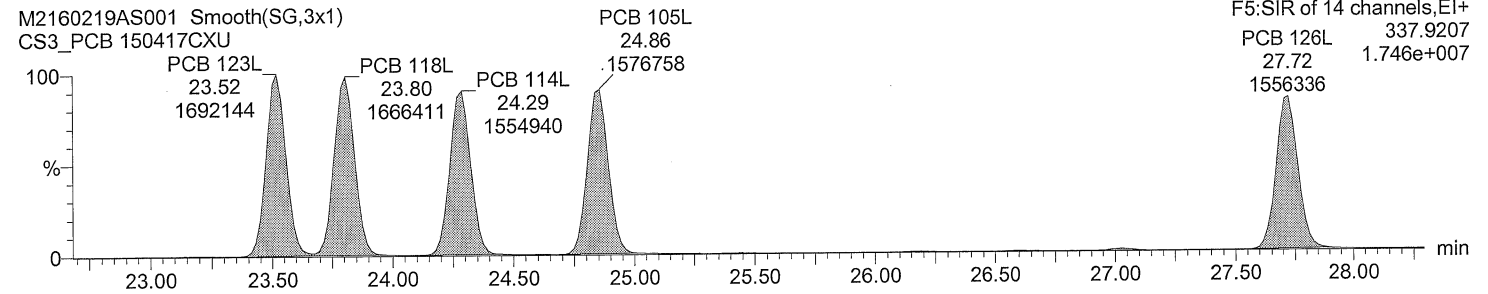
Total PeCB F5



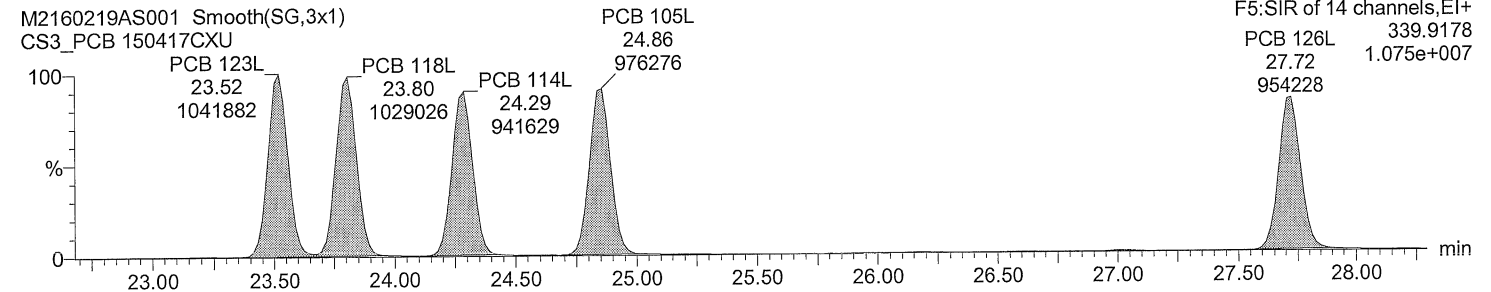
Total PeCB F5



Total PeCB labeled F5



Total PeCB labeled F5



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

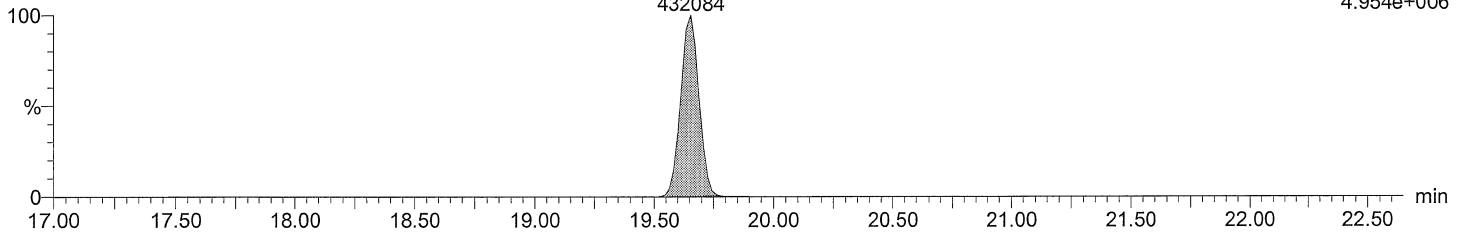
Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

Total HxCB F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.65  
432084

F4:SIR of 14 channels,EI+  
359.8415  
4.954e+006

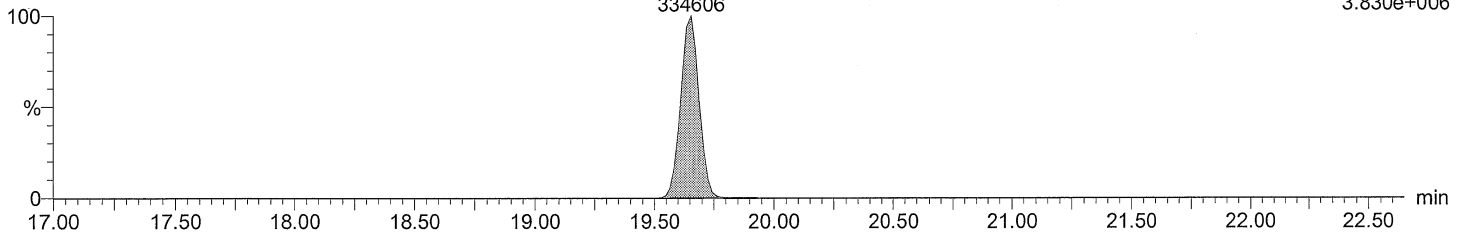


Total HxCB F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155  
19.65  
334606

F4:SIR of 14 channels,EI+  
361.8385  
3.830e+006

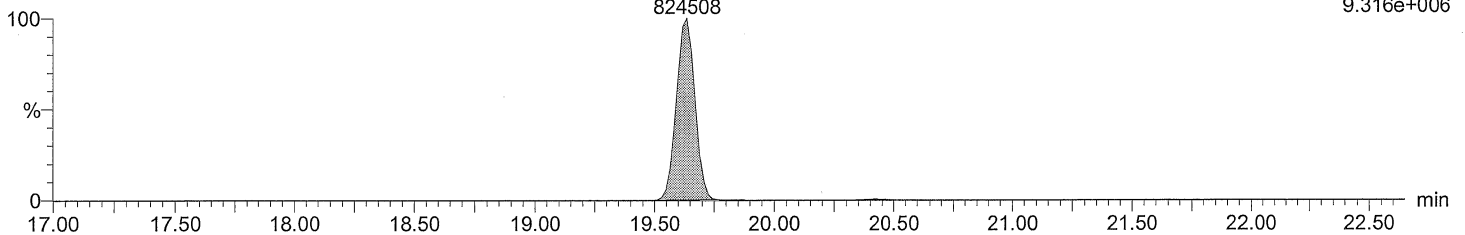


Total HxCB labeled F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.64  
824508

F4:SIR of 14 channels,EI+  
371.8817  
9.316e+006

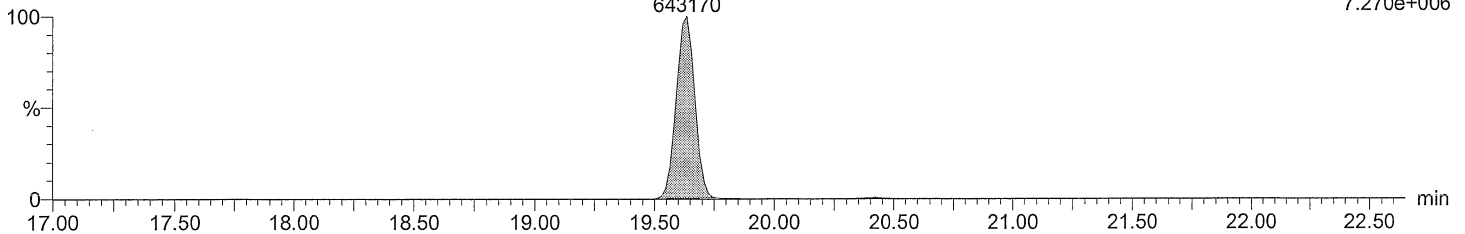


Total HxCB labeled F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 155L  
19.64  
643170

F4:SIR of 14 channels,EI+  
373.8788  
7.270e+006



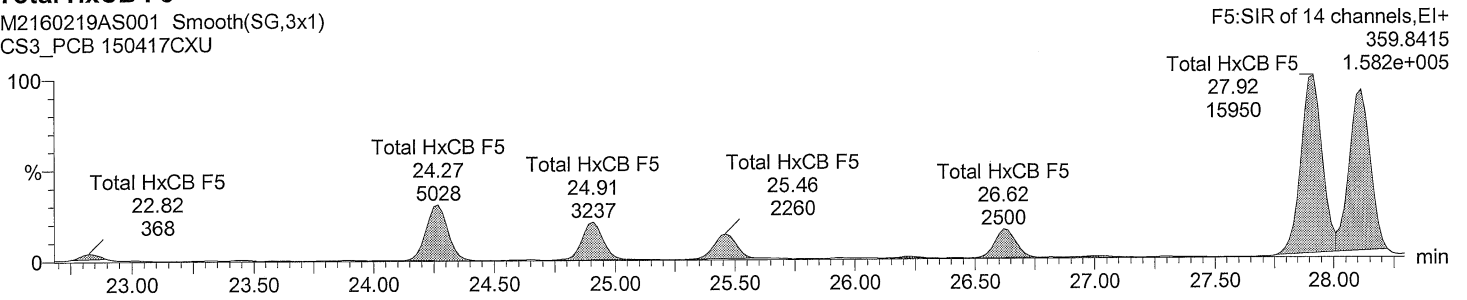
Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

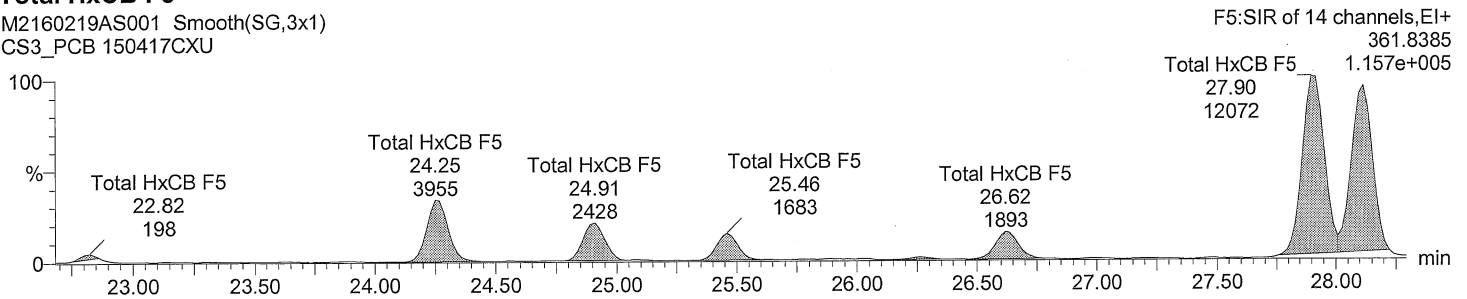
Total HxCB F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



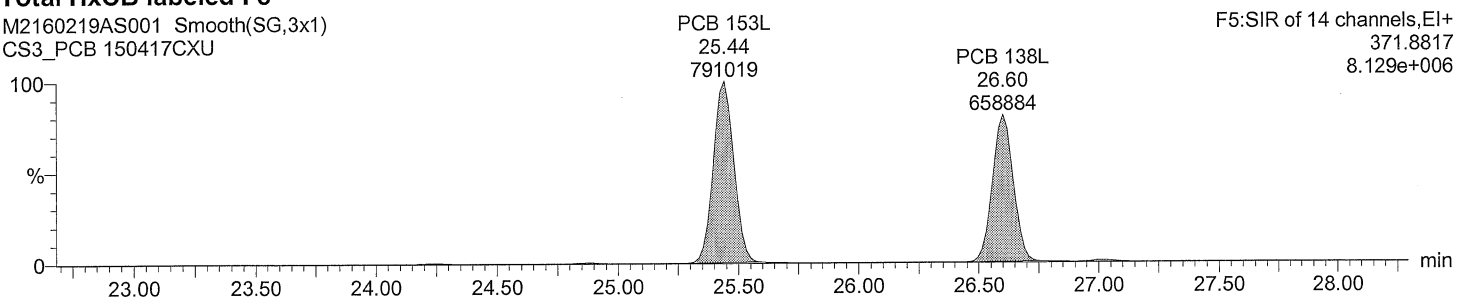
Total HxCB F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



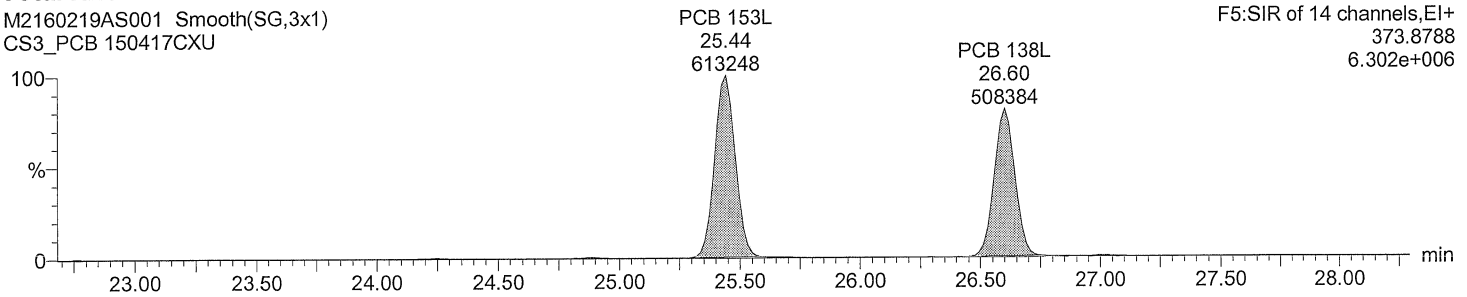
Total HxCB labeled F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Total HxCB labeled F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

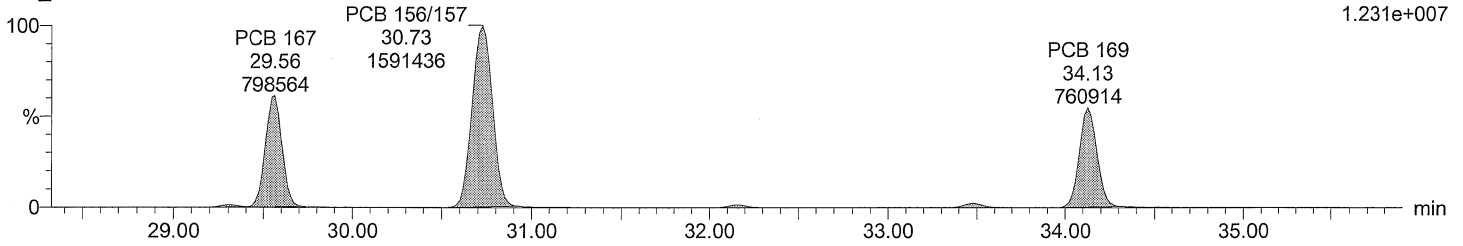
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

Total HxCB F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

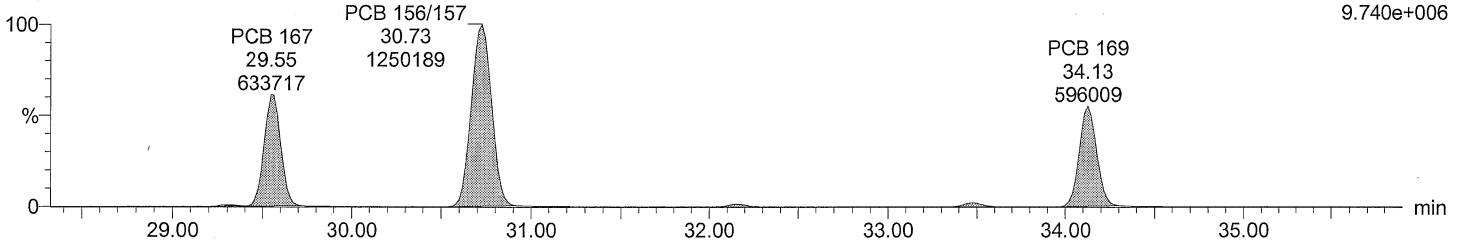
F6:SIR of 14 channels,EI+  
359.8415  
1.231e+007



Total HxCB F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

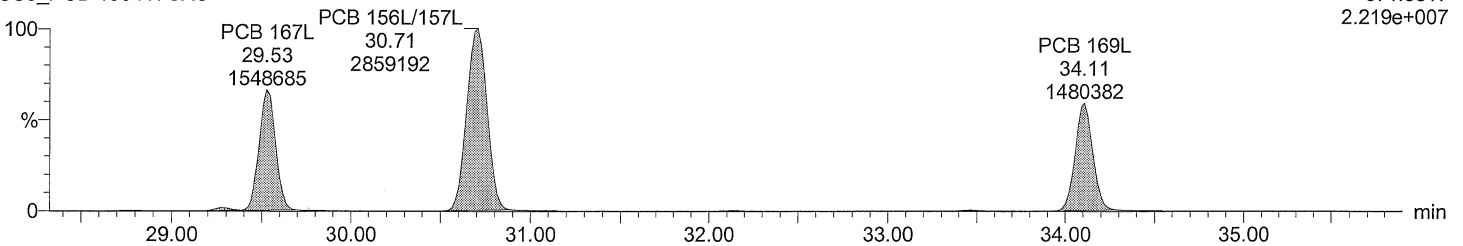
F6:SIR of 14 channels,EI+  
361.8385  
9.740e+006



Total HxCB labeled F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

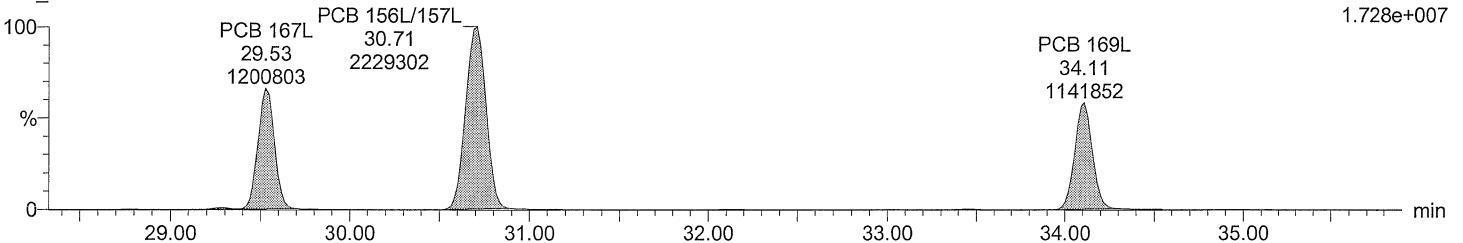
F6:SIR of 14 channels,EI+  
371.8817  
2.219e+007



Total HxCB labeled F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+  
373.8788  
1.728e+007



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

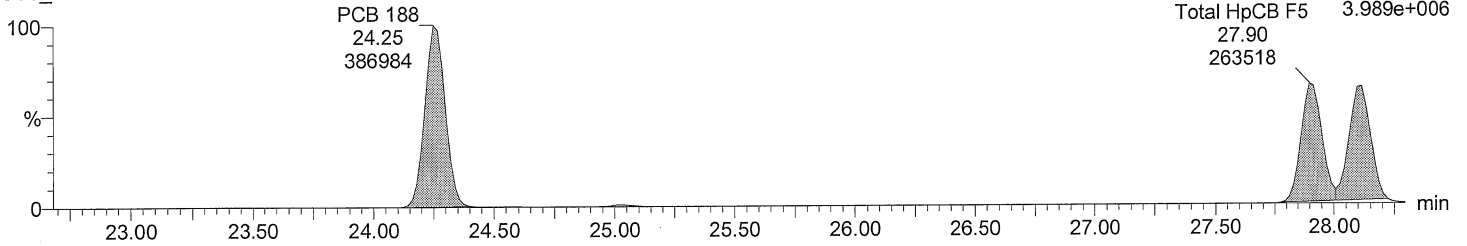
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

Total HpCB F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

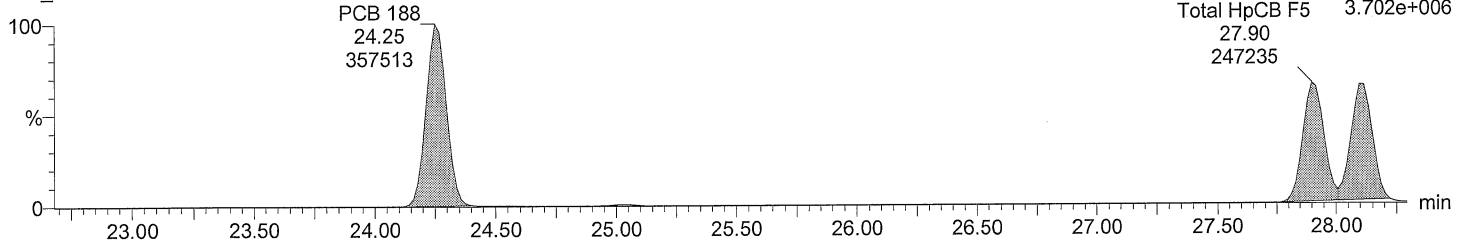
F5:SIR of 14 channels,EI+  
393.8025  
Total HpCB F5 3.989e+006  
27.90  
263518



Total HpCB F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

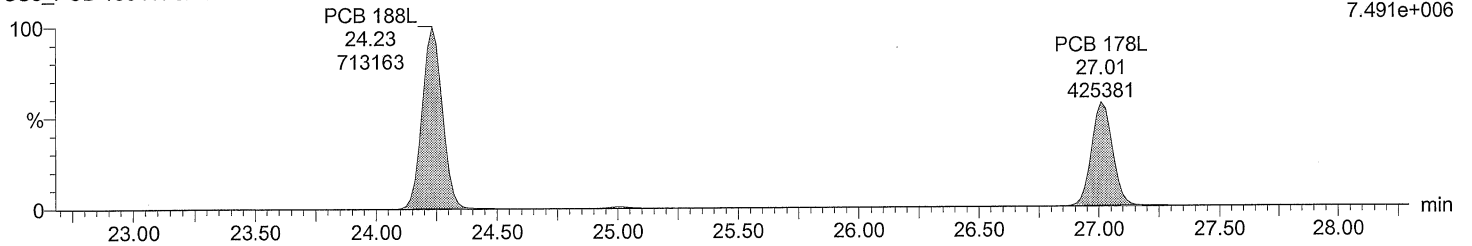
F5:SIR of 14 channels,EI+  
395.7995  
Total HpCB F5 3.702e+006  
27.90  
247235



Total HpCB labeled F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

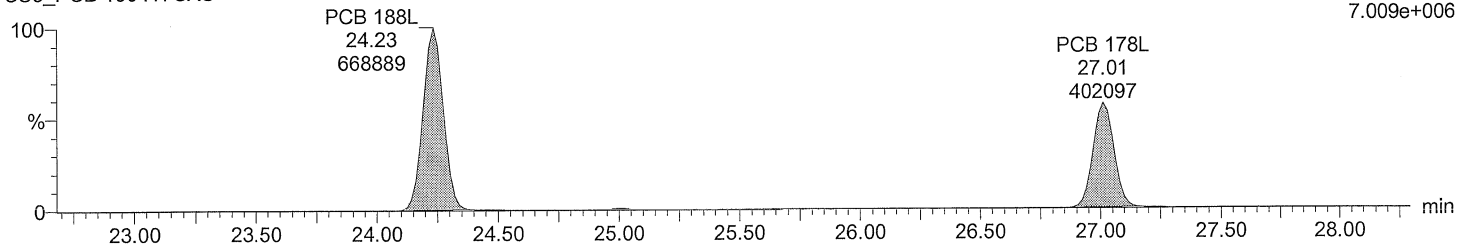
F5:SIR of 14 channels,EI+  
405.8428  
7.491e+006



Total HpCB labeled F5

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F5:SIR of 14 channels,EI+  
407.8398  
7.009e+006





Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

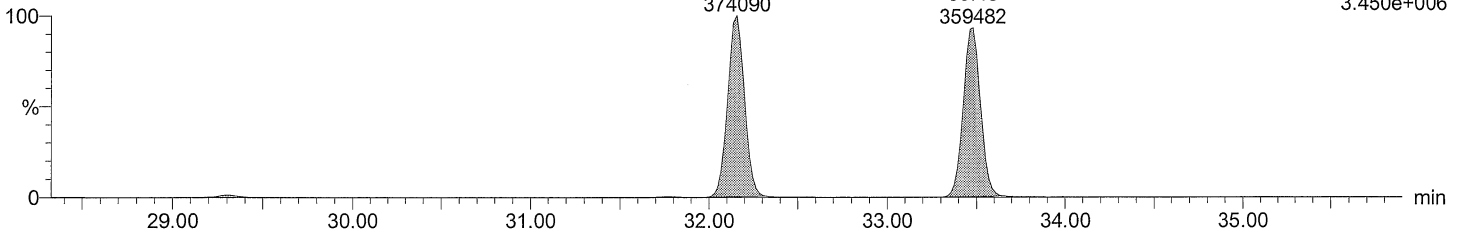
Total HpCB F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 193/180  
32.16  
374090

PCB 170  
33.48  
359482

F6:SIR of 14 channels,EI+  
393.8025  
3.450e+006



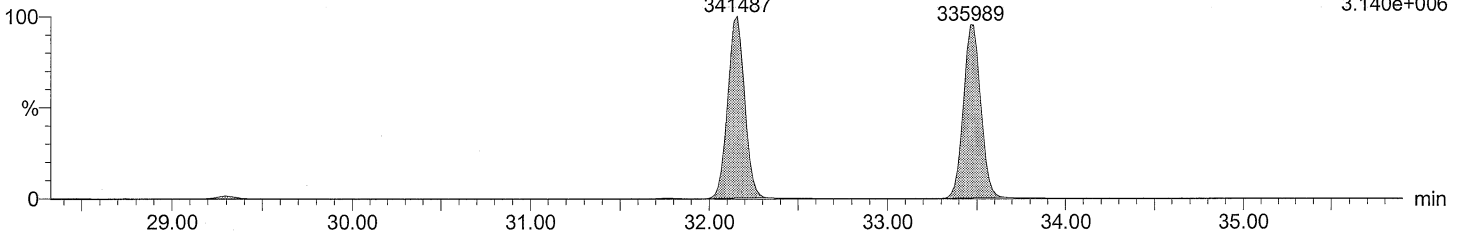
Total HpCB F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 193/180  
32.16  
341487

PCB 170  
33.46  
335989

F6:SIR of 14 channels,EI+  
395.7995  
3.140e+006



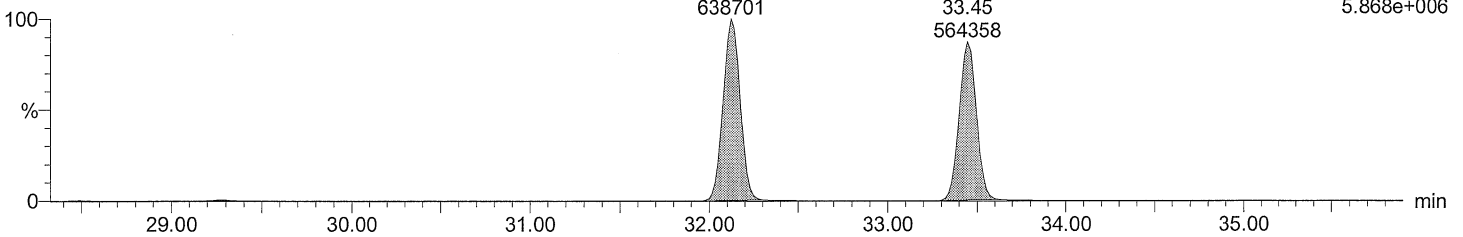
Total HpCB labeled F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 180L  
32.12  
638701

PCB 170L  
33.45  
564358

F6:SIR of 14 channels,EI+  
405.8428  
5.868e+006



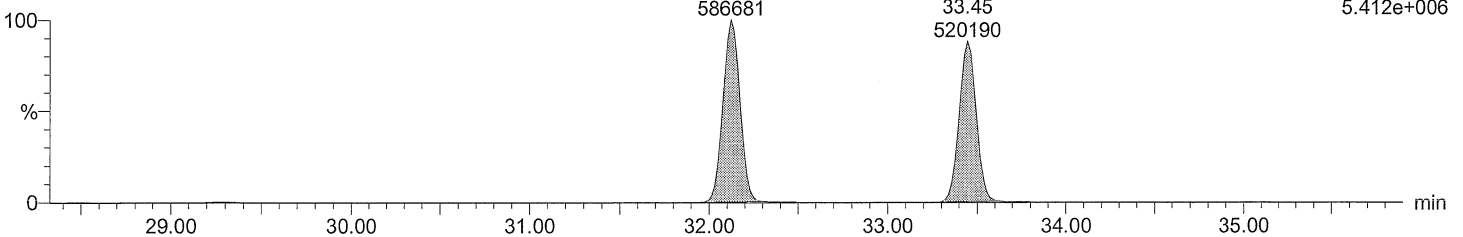
Total HpCB labeled F6

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 180L  
32.12  
586681

PCB 170L  
33.45  
520190

F6:SIR of 14 channels,EI+  
407.8398  
5.412e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

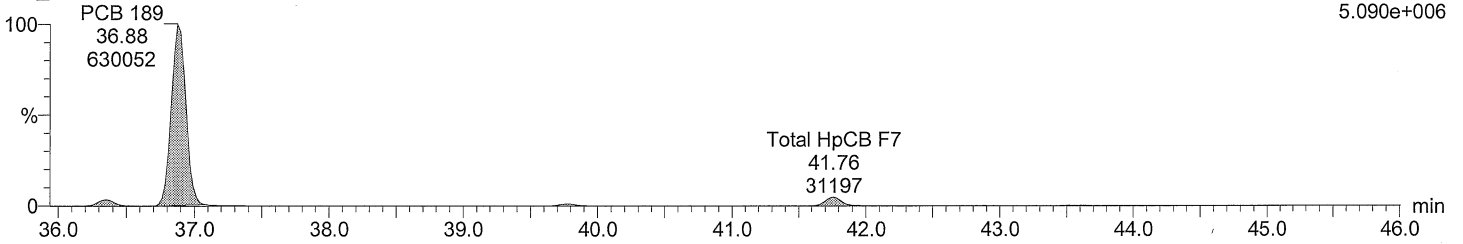
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

Total HpCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

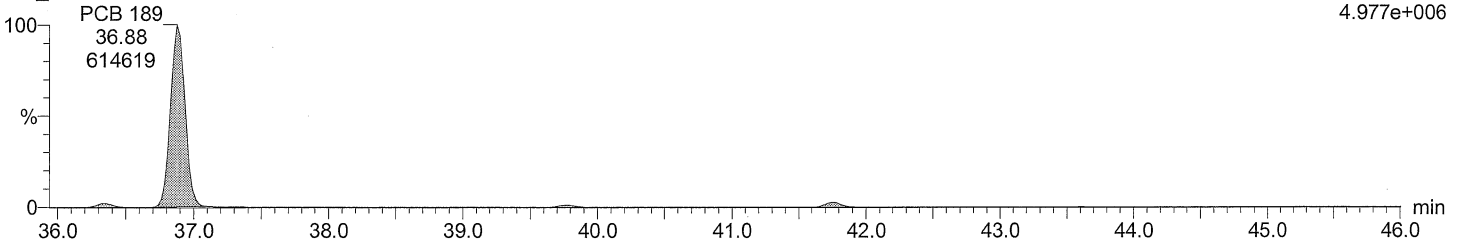
F7:SIR of 18 channels,EI+  
393.8025  
5.090e+006



Total HpCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

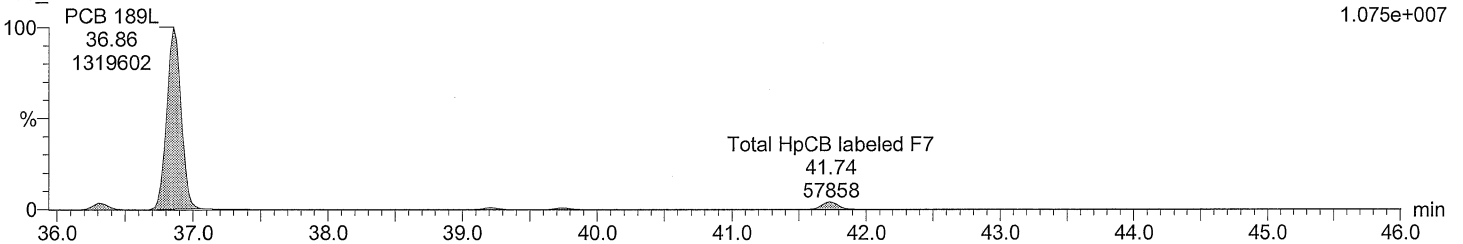
F7:SIR of 18 channels,EI+  
395.7995  
4.977e+006



Total HpCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

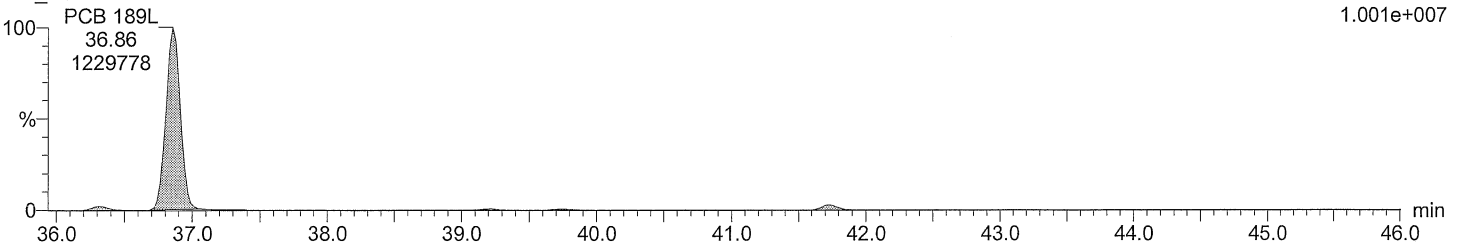
F7:SIR of 18 channels,EI+  
405.8428  
1.075e+007



Total HpCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
407.8398  
1.001e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 19-FEB-2016

Time: 11:13:56

Instrument: Autospec-UltimaE

Total OcCB F6

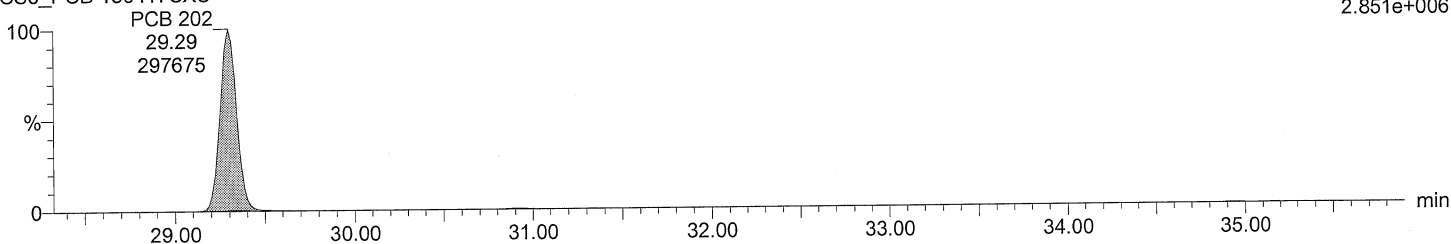
M2160219AS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

427.7635

2.851e+006



Total OcCB F6

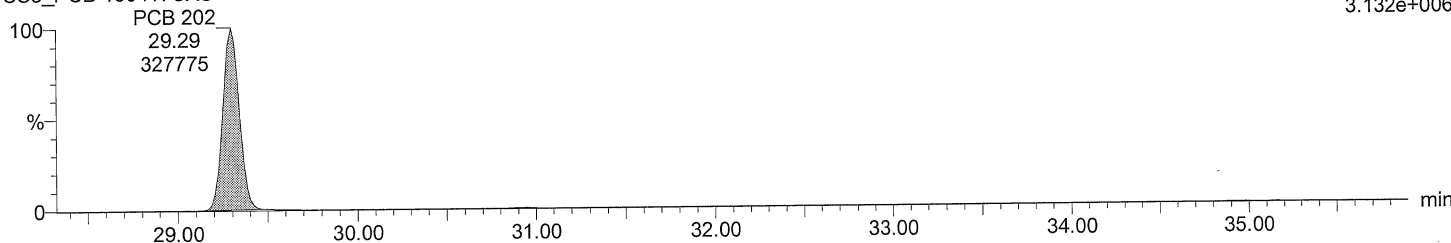
M2160219AS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

429.7606

3.132e+006



Total OcCB labeled F6

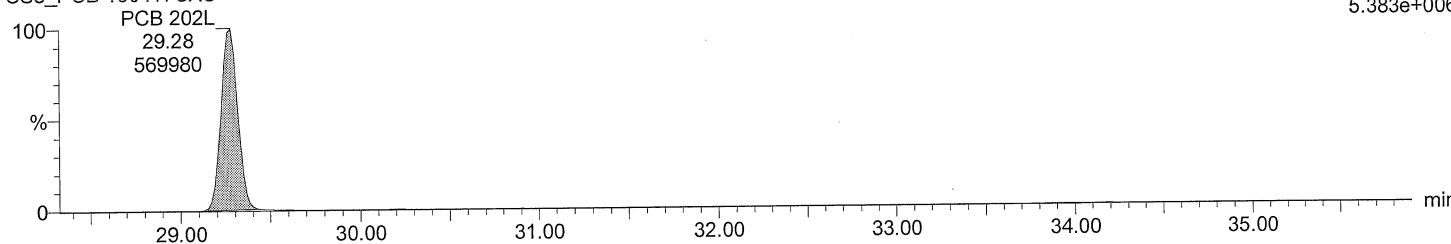
M2160219AS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

439.8038

5.383e+006



Total OcCB labeled F6

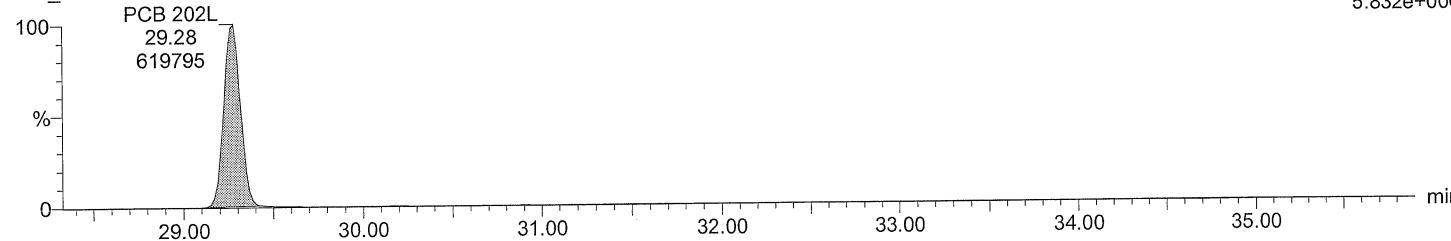
M2160219AS001 Smooth(SG,3x1)

CS3\_PCB 150417CXU

F6:SIR of 14 channels,EI+

441.8008

5.832e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 19-FEB-2016

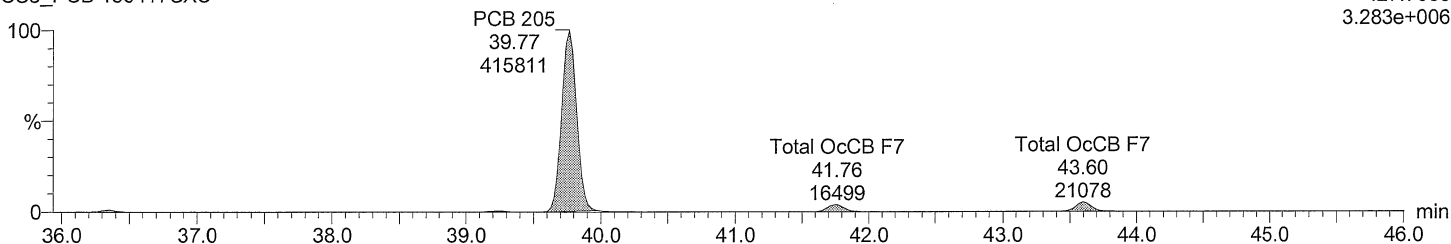
Time: 11:13:56

Instrument: Autospec-UltimaE

Total OcCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

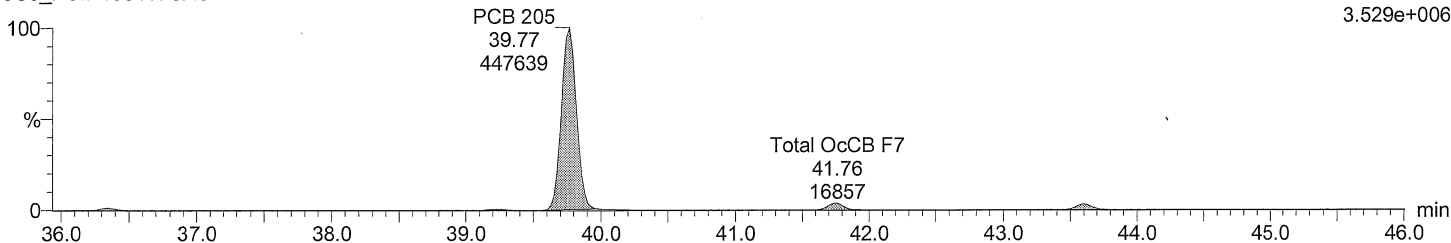
F7:SIR of 18 channels,EI+  
427.7635  
3.283e+006



Total OcCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

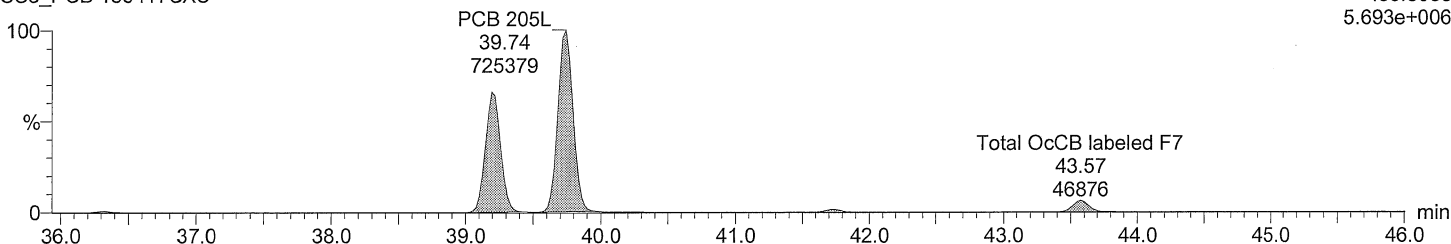
F7:SIR of 18 channels,EI+  
429.7606  
3.529e+006



Total OcCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

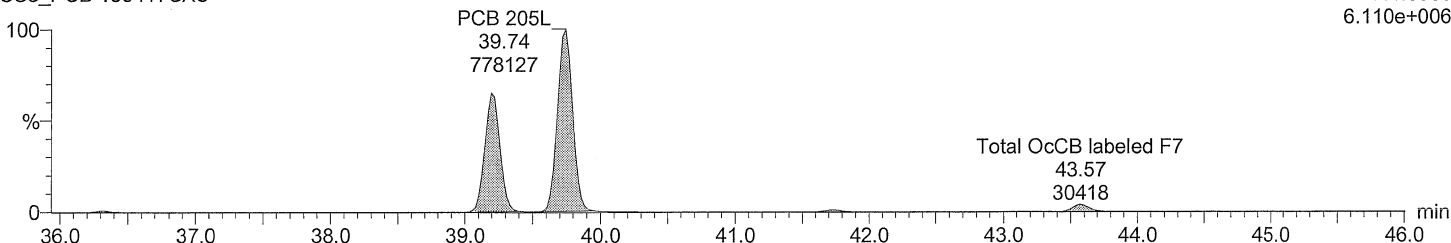
F7:SIR of 18 channels,EI+  
439.8038  
5.693e+006



Total OcCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels,EI+  
441.8008  
6.110e+006



Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

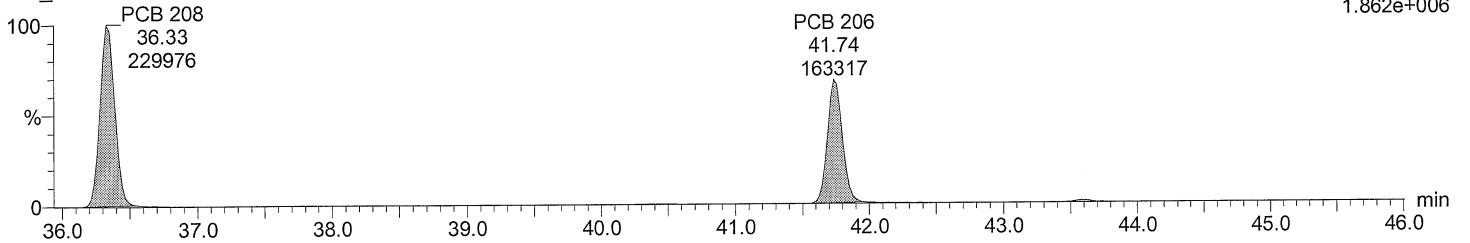
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

Total NoCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

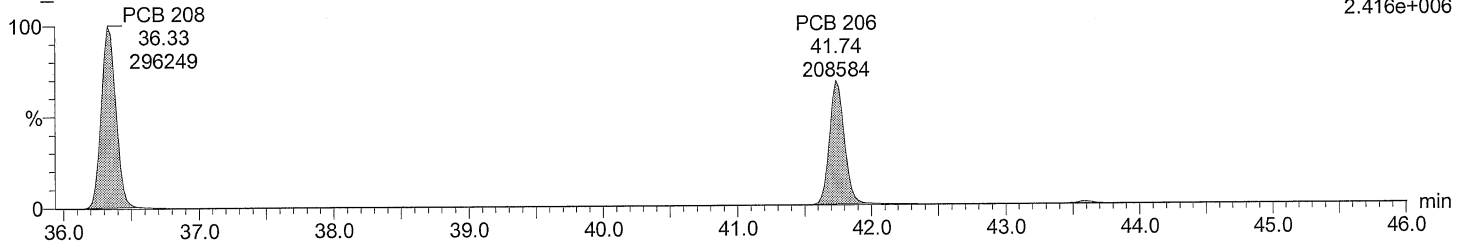
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1.862e+006



Total NoCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

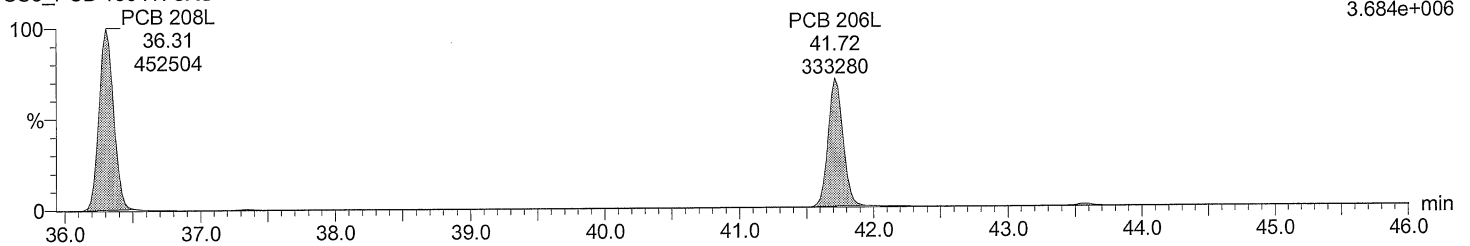
F7:SIR of 18 channels, EI+  
463.7216  
2.416e+006



Total NoCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

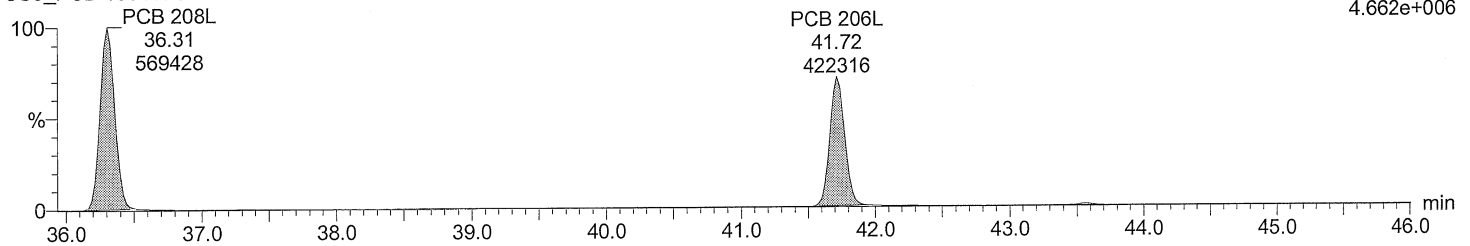
F7:SIR of 18 channels, EI+  
473.7648  
3.684e+006



Total NoCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

F7:SIR of 18 channels, EI+  
475.7619  
4.662e+006



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 19-FEB-2016

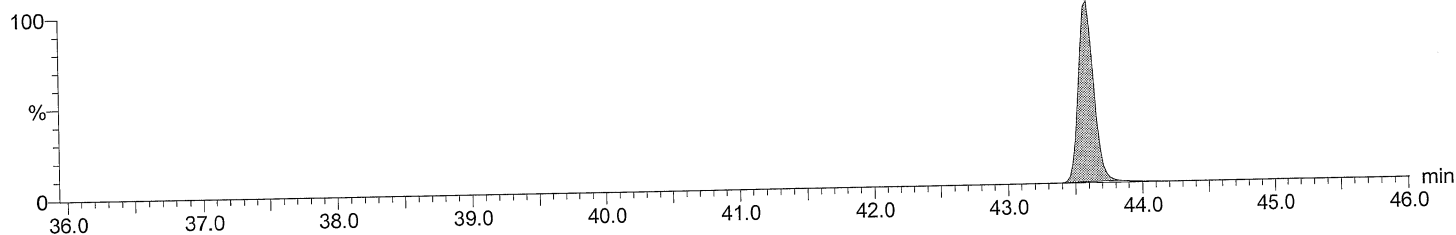
Time: 11:13:56

Instrument: Autospec-UltimaE

Total DeCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

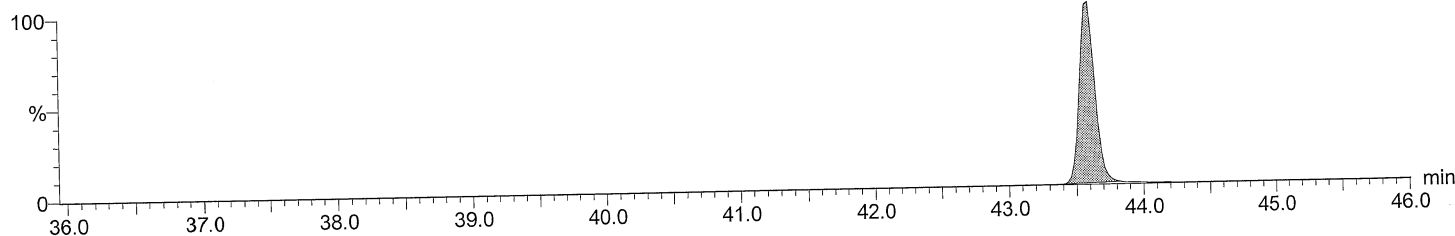
PCB 209 F7:SIR of 18 channels,EI+  
43.60 497.6826  
191601 1.479e+006



Total DeCB F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

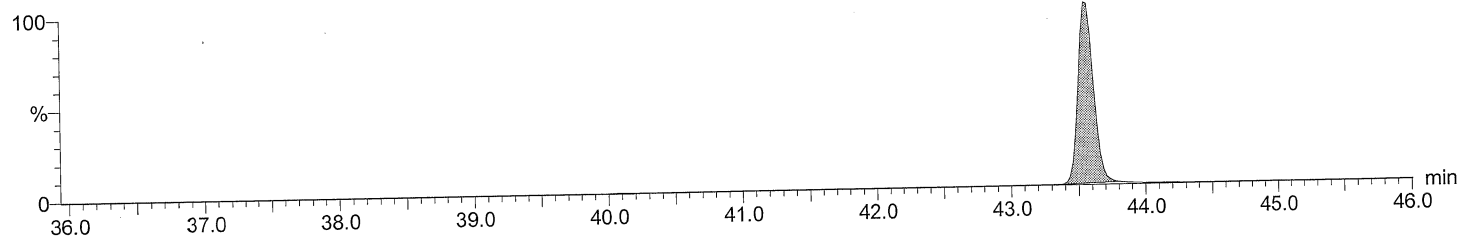
PCB 209 F7:SIR of 18 channels,EI+  
43.60 499.6797  
157604 1.200e+006



Total DeCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

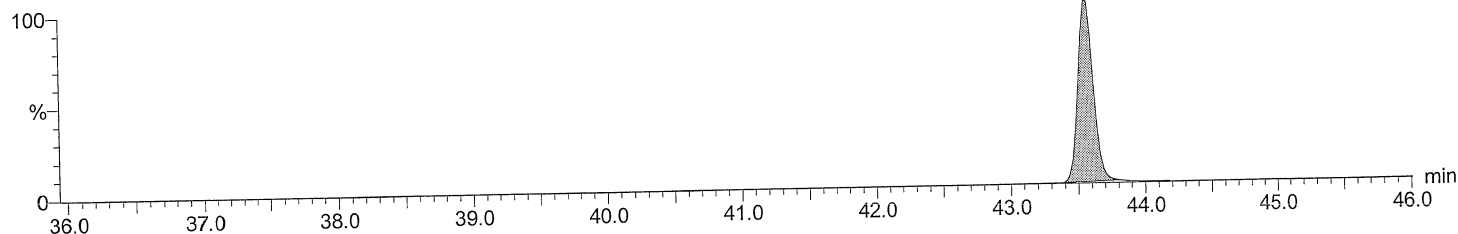
PCB 209L F7:SIR of 18 channels,EI+  
43.55 509.7229  
403262 3.045e+006



Total DeCB labeled F7

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

PCB 209L F7:SIR of 18 channels,EI+  
43.55 511.7199  
331080 2.523e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU

Vial: 1

Date: 19-FEB-2016

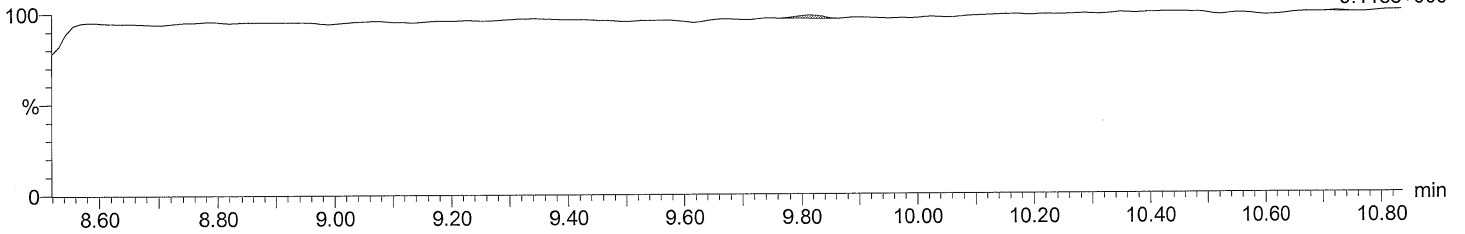
Time: 11:13:56

Instrument: Autospec-UltimaE

lockmass F1

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

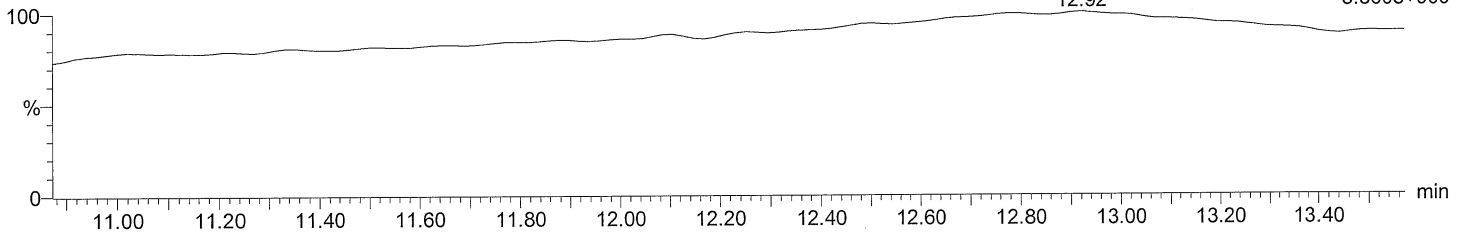
F1:SIR of 10 channels,EI+  
218.9856  
9.118e+006



lockmass F2

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

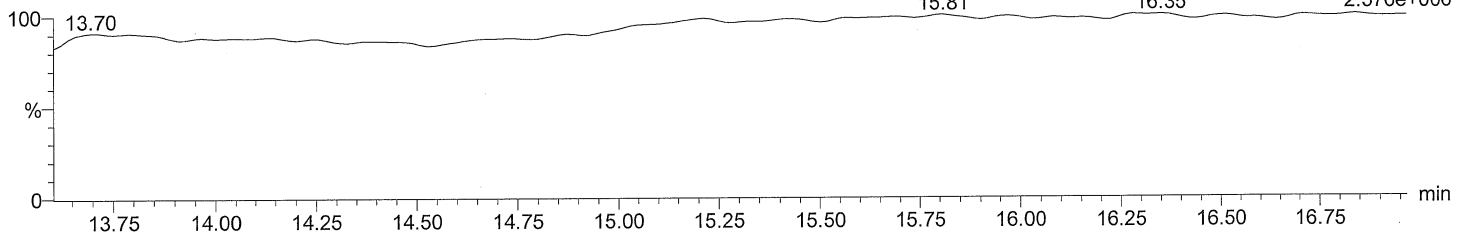
F2:SIR of 16 channels,EI+  
242.9856  
3.360e+006



lockmass F3

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

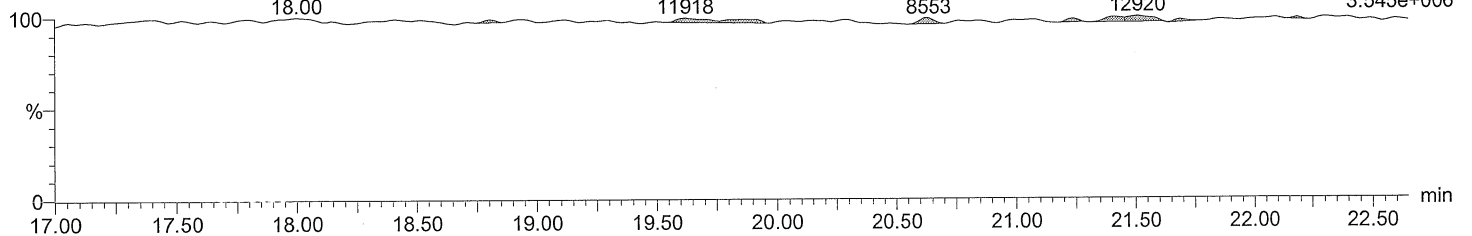
F3:SIR of 14 channels,EI+  
292.9824  
2.576e+006



lockmass F4

M2160219AS001 Smooth(SG,3x1)  
CS3\_PCB 150417CXU

lockmass F4 19.62 11918  
lockmass F4 20.63 8553  
lockmass F4 21.51 12920  
F4:SIR of 14 channels,EI+  
330.9792  
3.545e+006

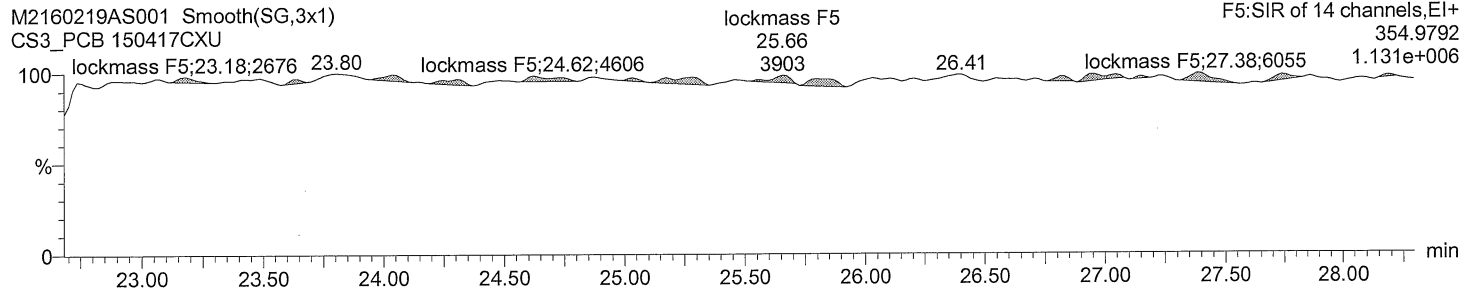


Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3\_1668A.qld

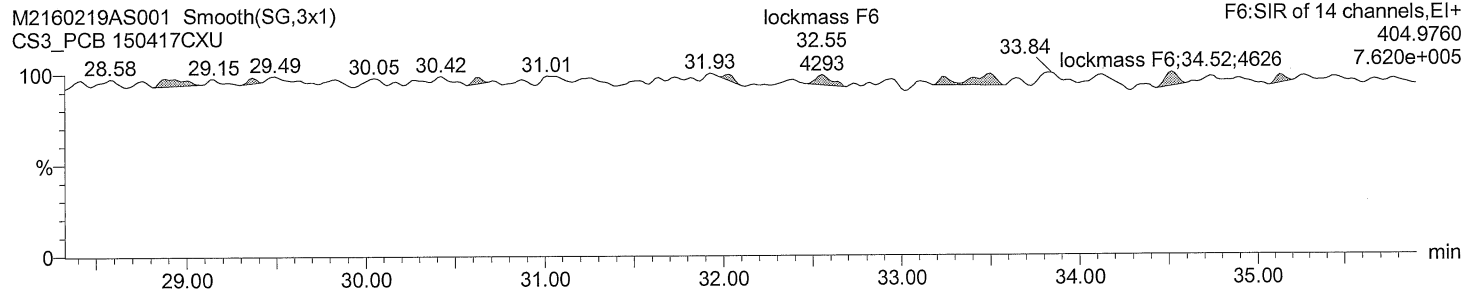
Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time  
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Description: CS3\_PCB 150417CXU  
Vial: 1  
Date: 19-FEB-2016  
Time: 11:13:56  
Instrument: Autospec-UltimaE

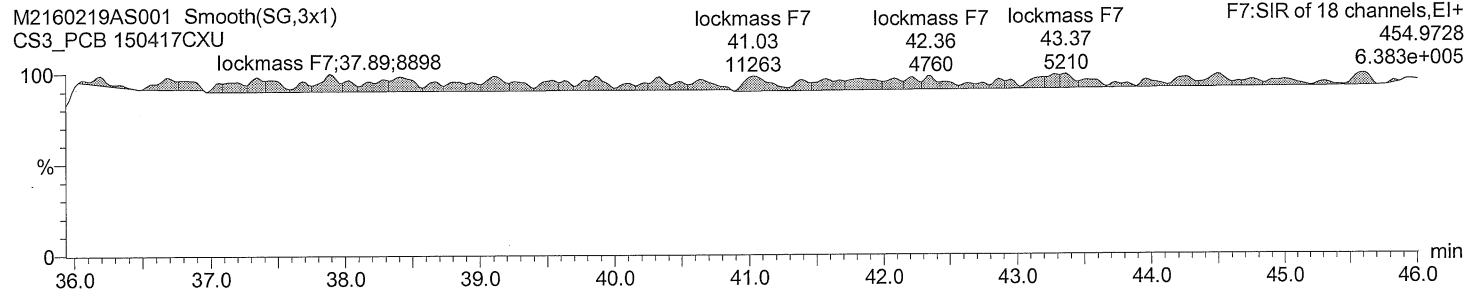
lockmass F5



lockmass F6



lockmass F7





**Quantify Audit Report**      **MassLynx 4.0 SP1**

Acquired Date

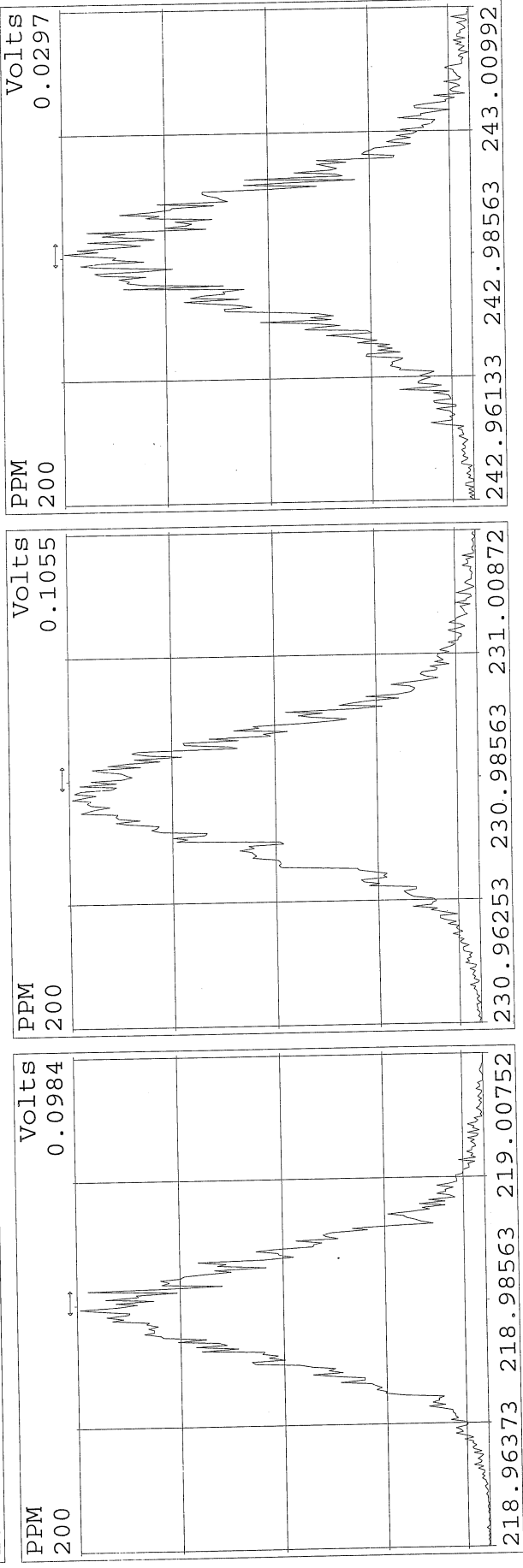
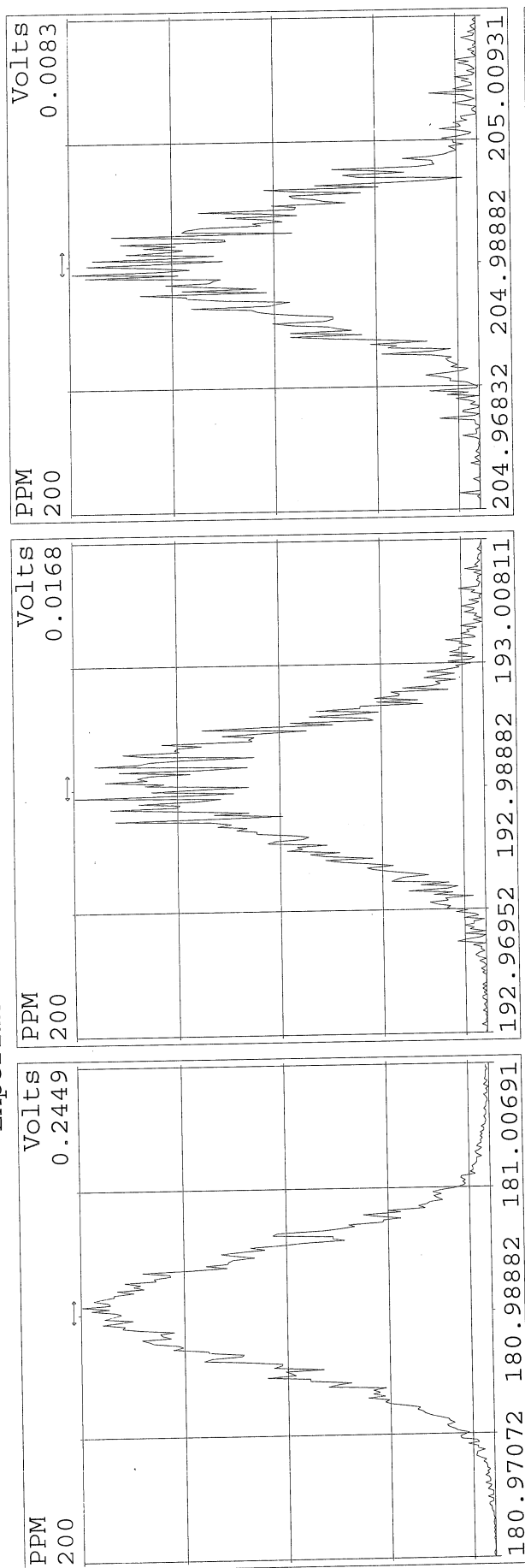
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Last Altered:      February 21, 2016 4:29:30 PM Eastern Standard Time

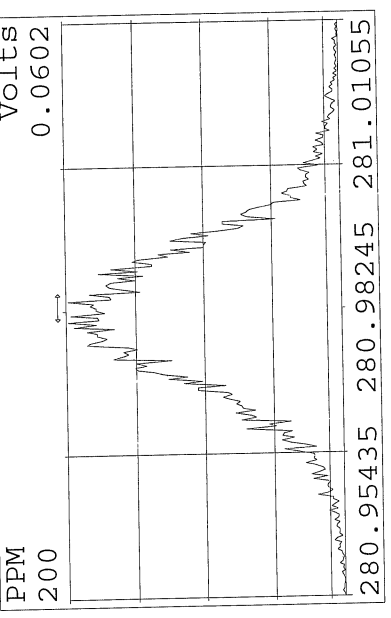
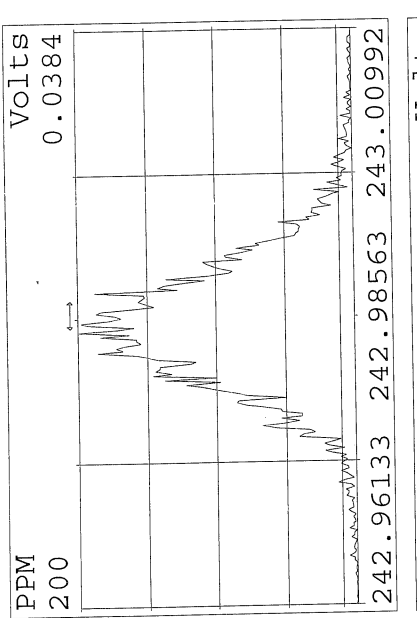
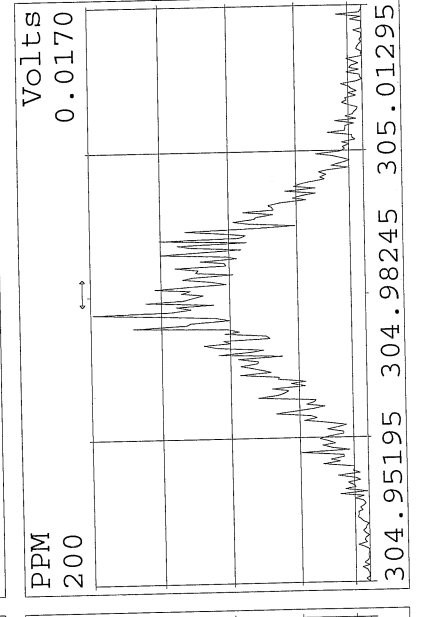
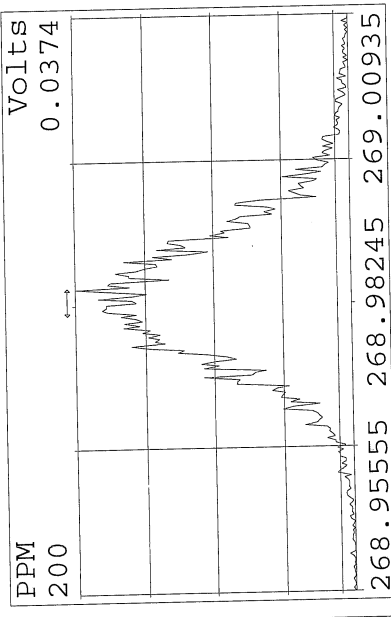
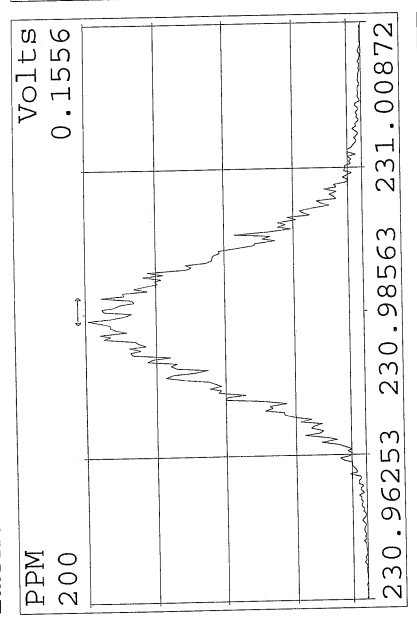
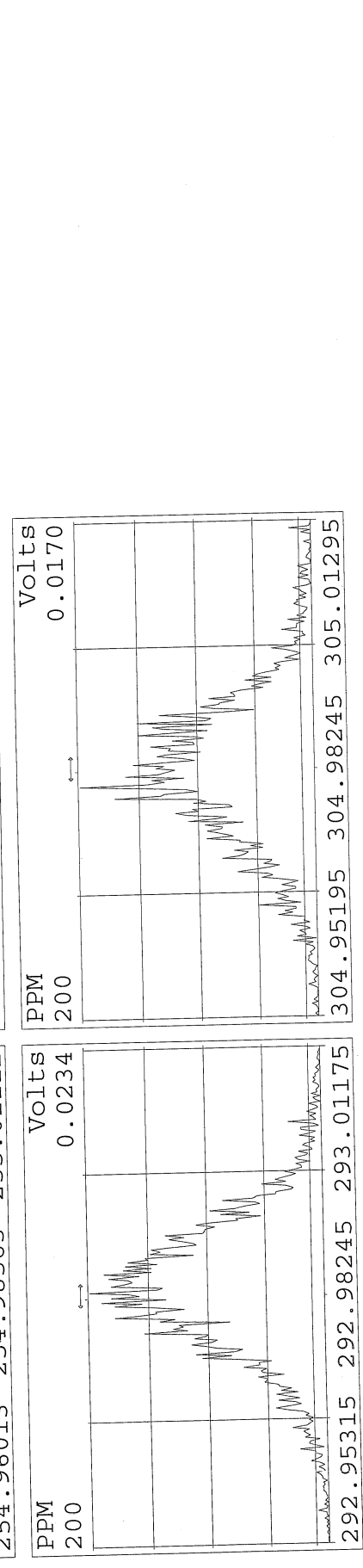
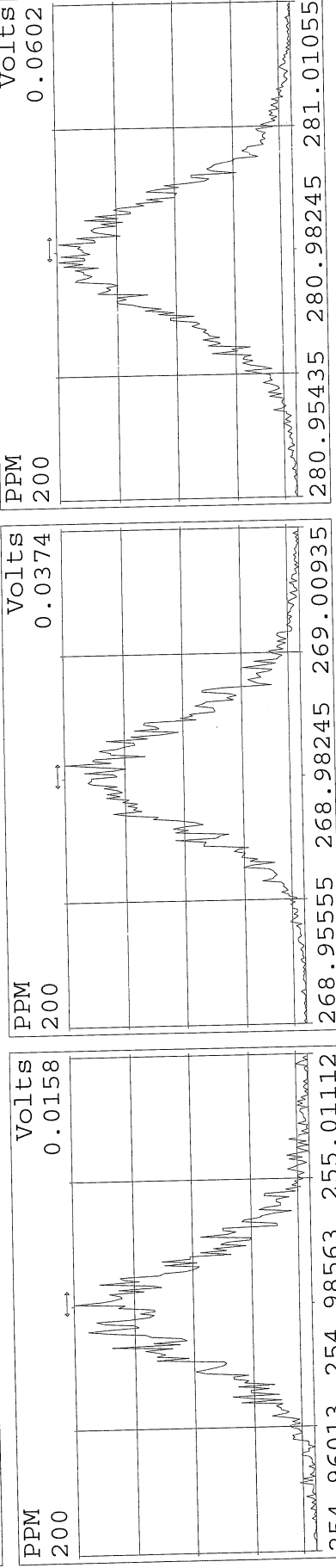
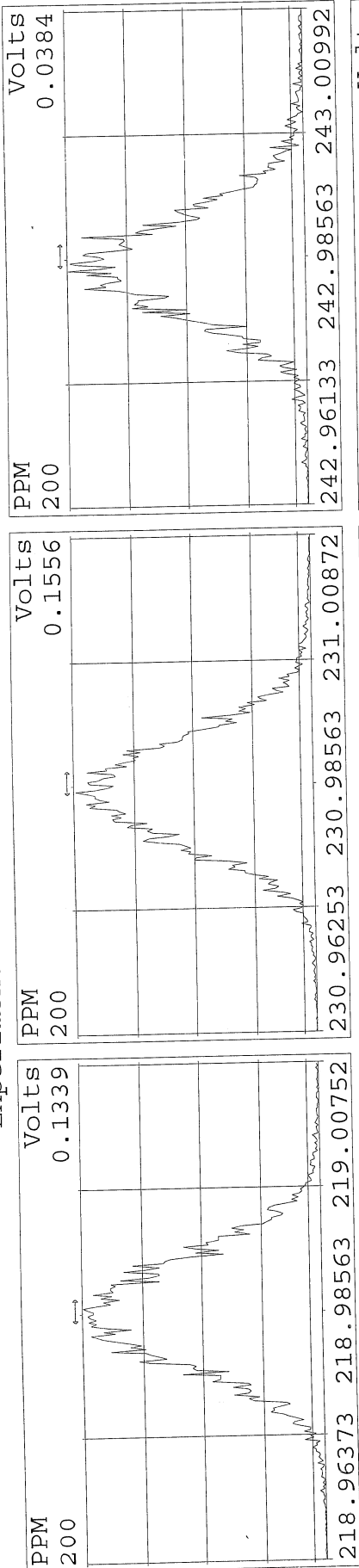
Printed:            February 21, 2016 4:30:08 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
21-Feb-16	16:29:30	Process Integrate			
21-Feb-16	16:29:30	Process Quantify			
21-Feb-16	16:29:30	Dataset Created			
21-Feb-16	16:30:03	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

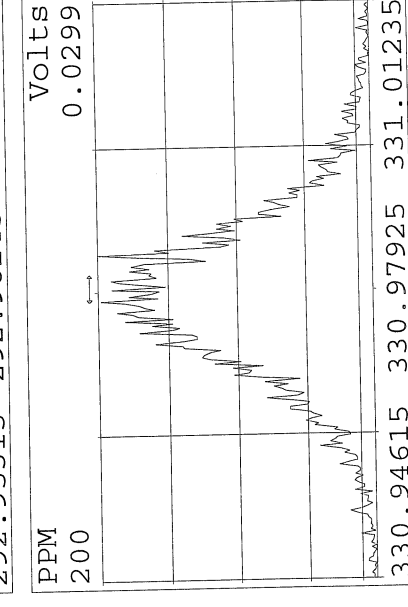
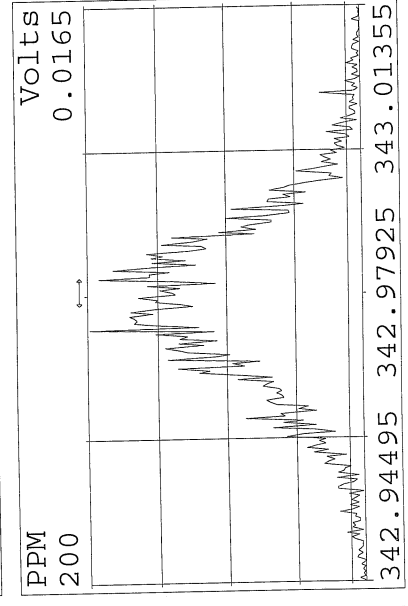
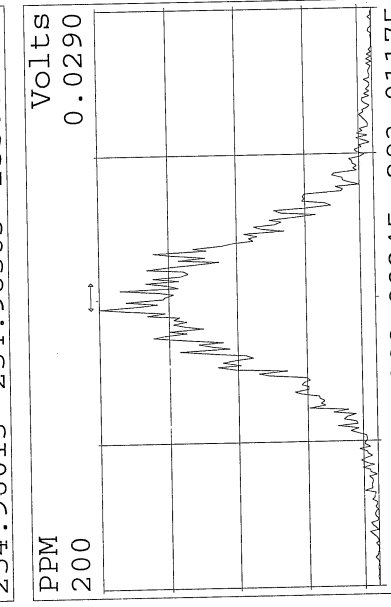
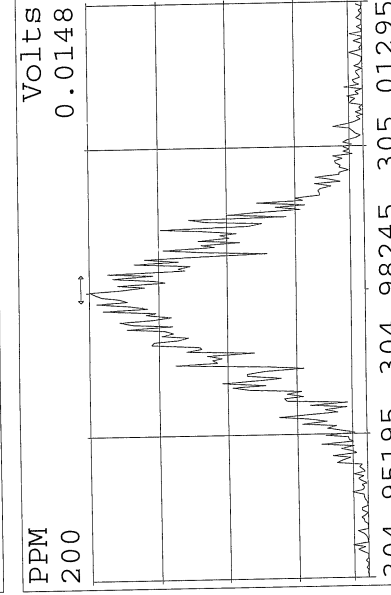
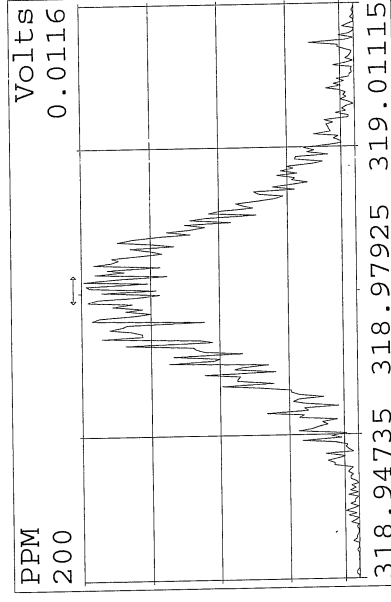
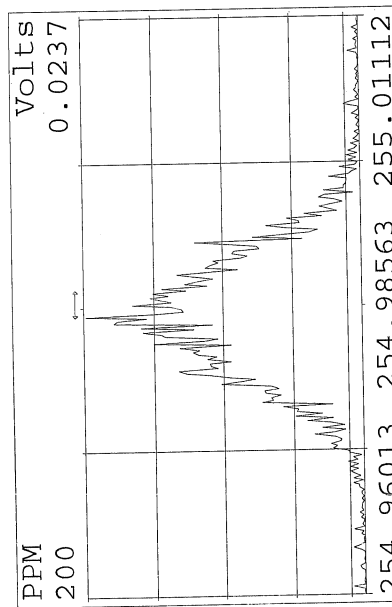
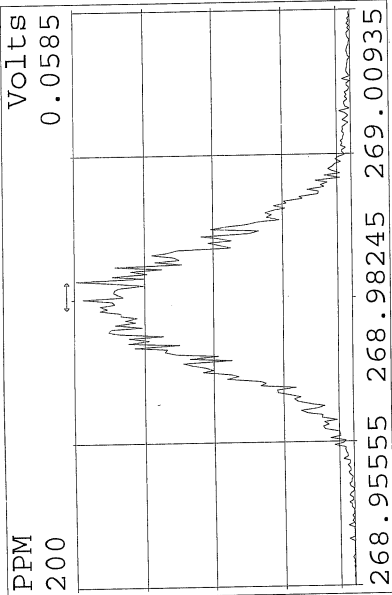
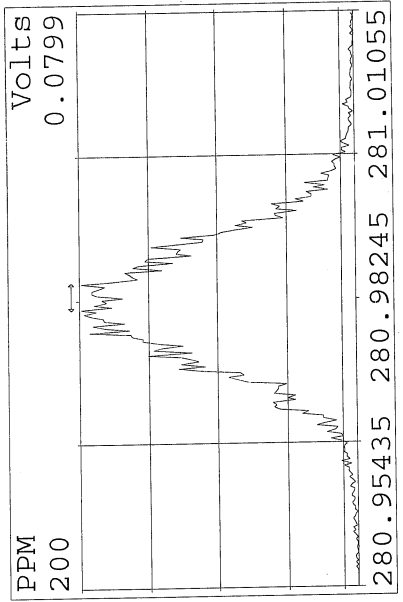
Peak Locate Examination:19-FEB-2016:11:11 File:M2160219A  
Experiment:1668A Function:1 Reference:PFK



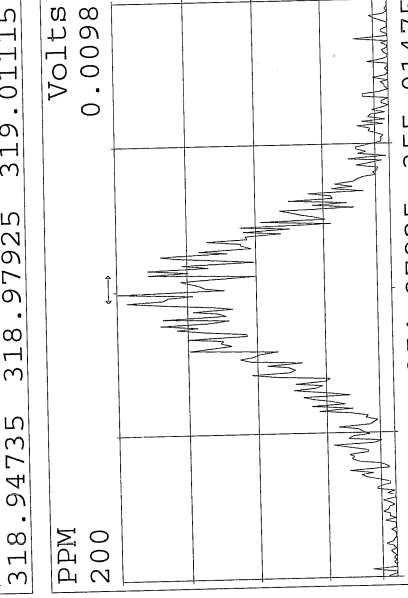
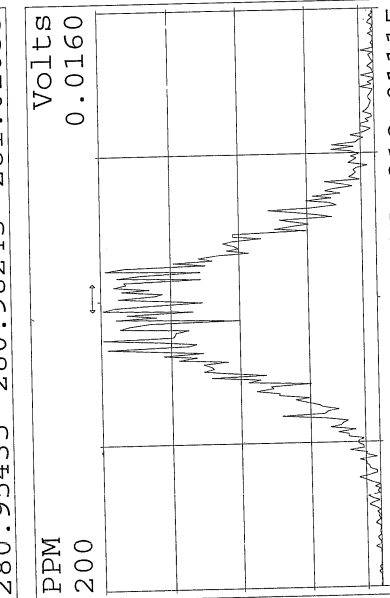
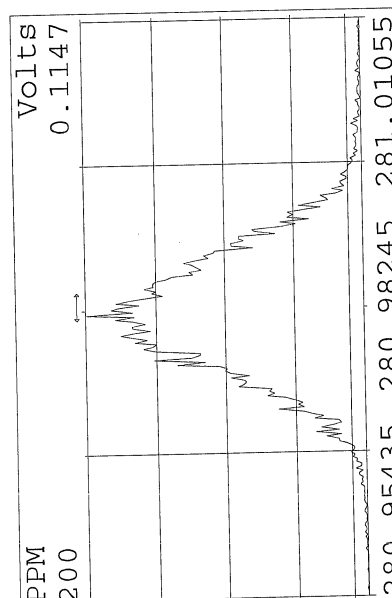
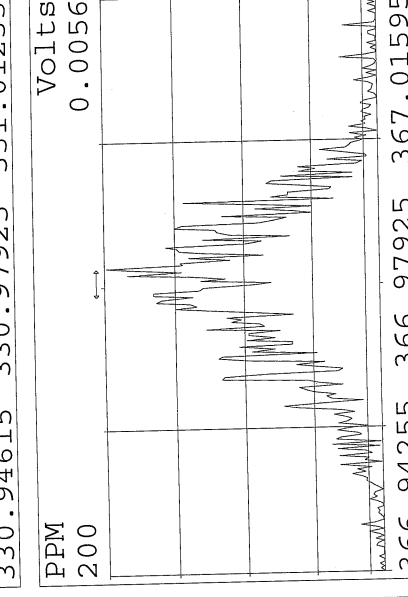
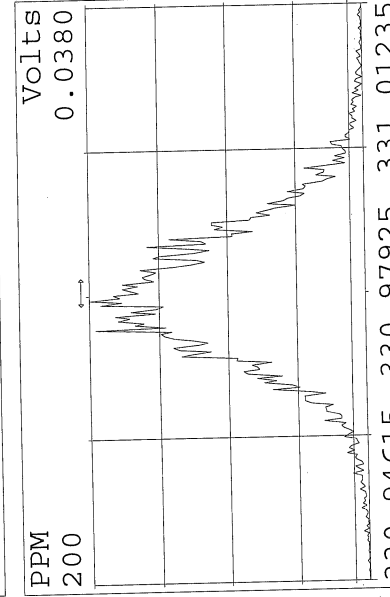
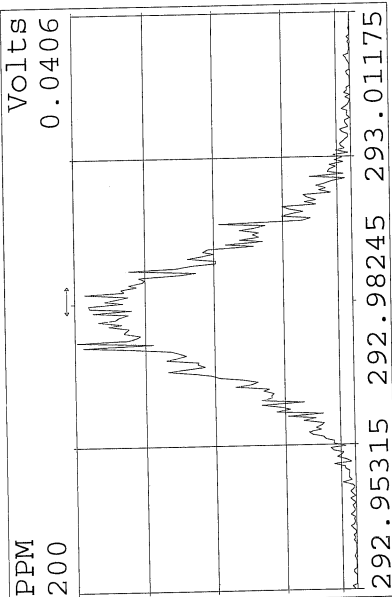
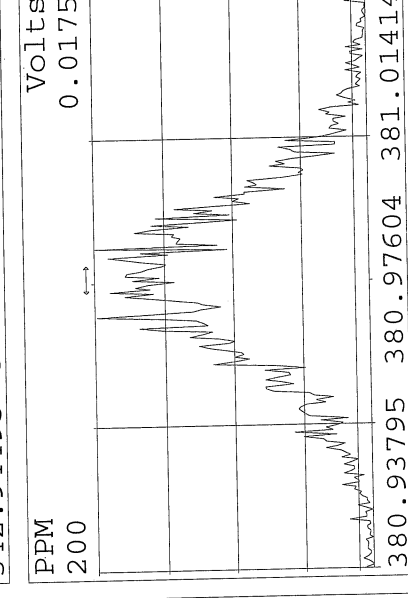
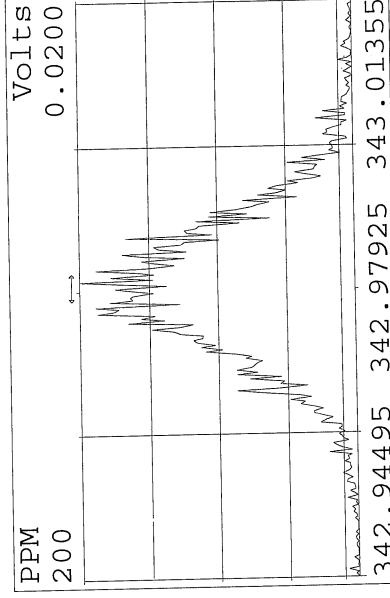
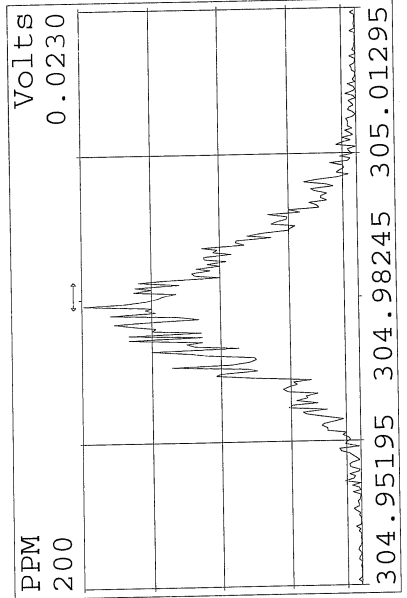
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 Experiment:1668A Function:2 Reference:PFK



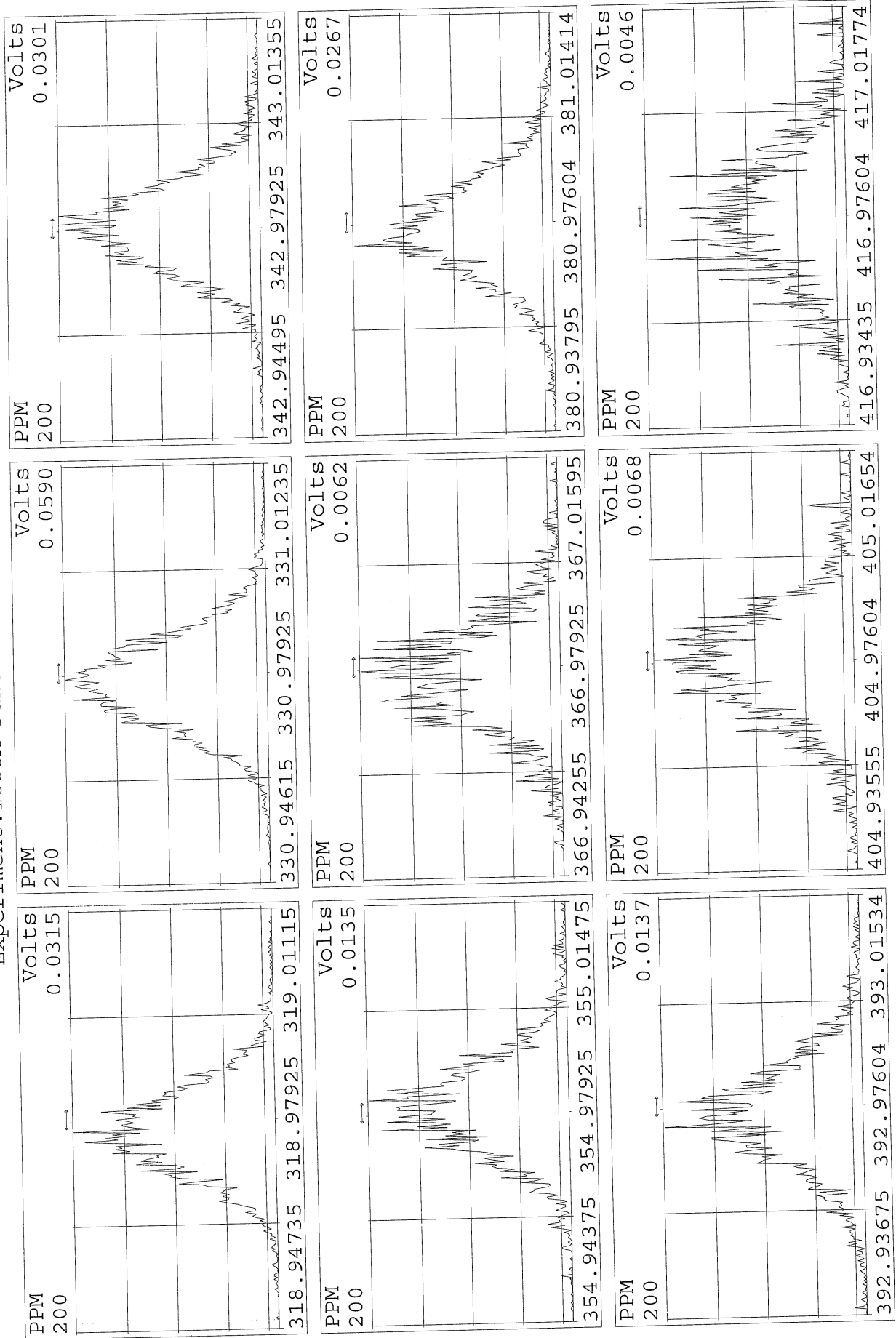
Peak Locate Examination:19-FEB-2016:11:12 File:M2160219A  
 Experiment:1668A Function:3 Reference:PFK



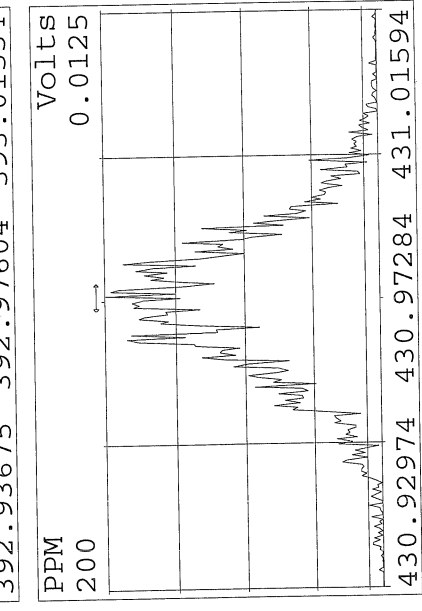
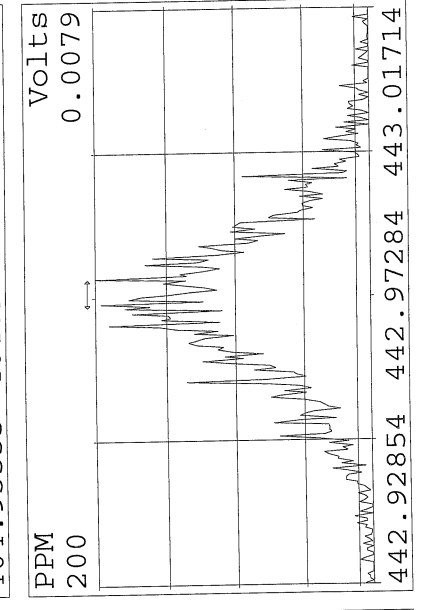
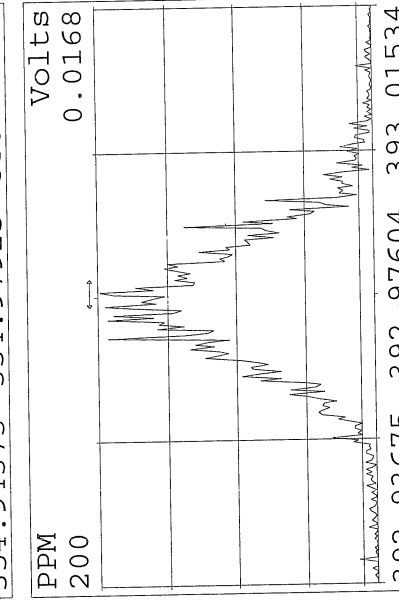
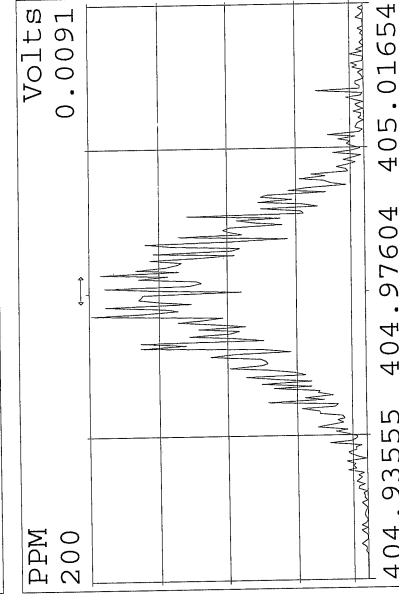
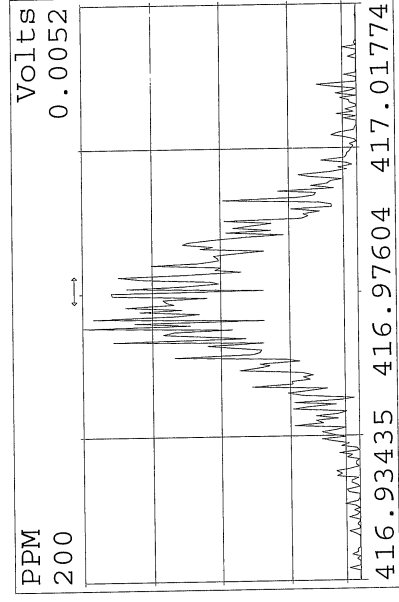
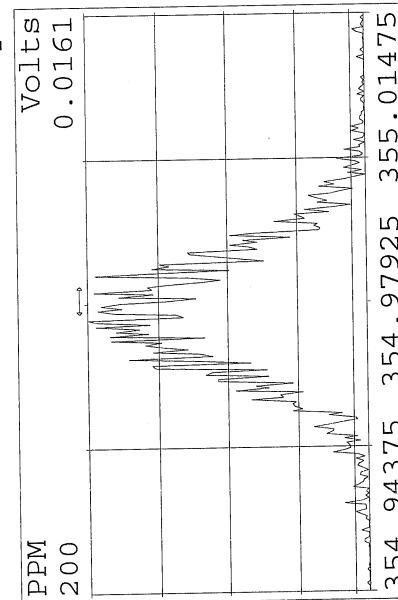
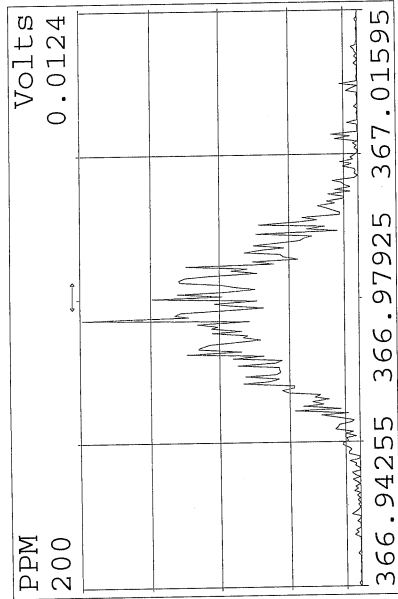
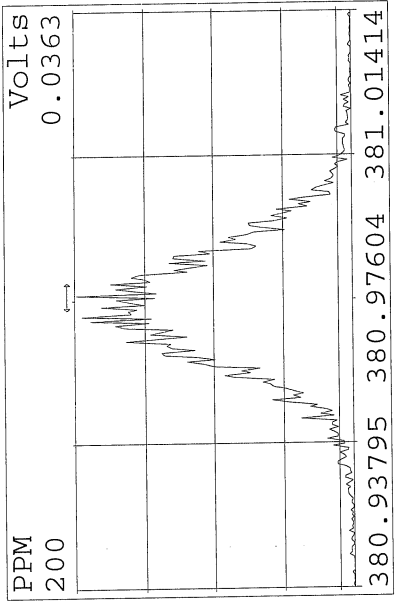
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Experiment:1668A Function:4 Reference:PFK



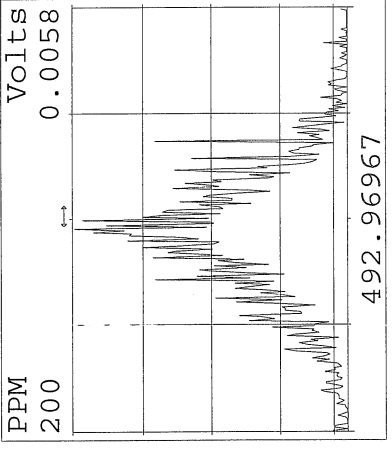
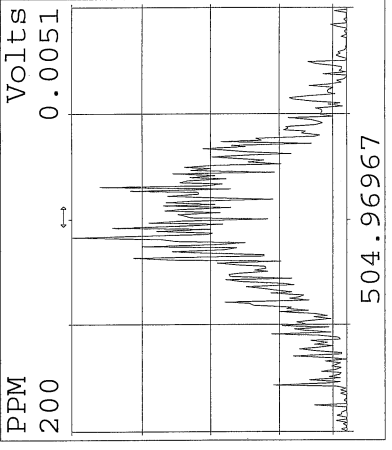
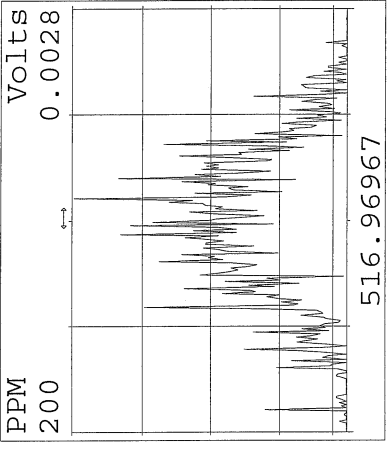
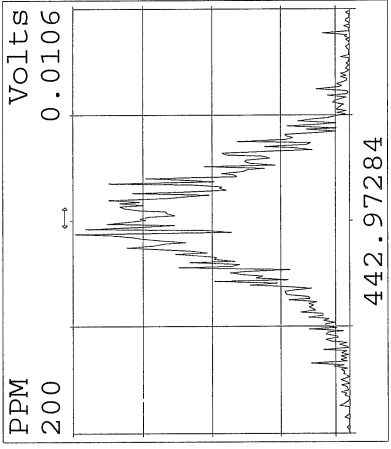
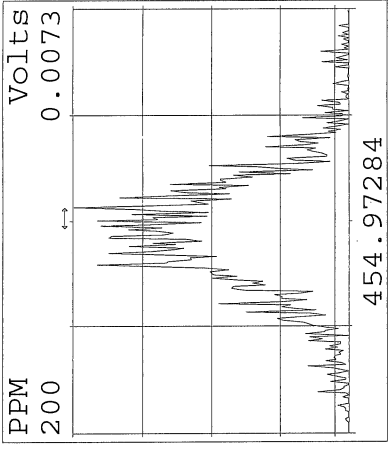
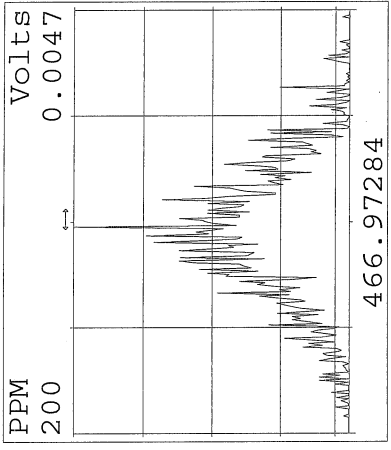
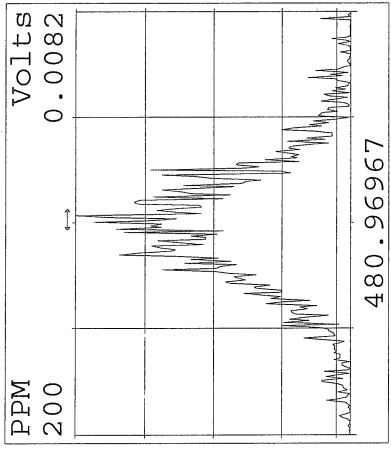
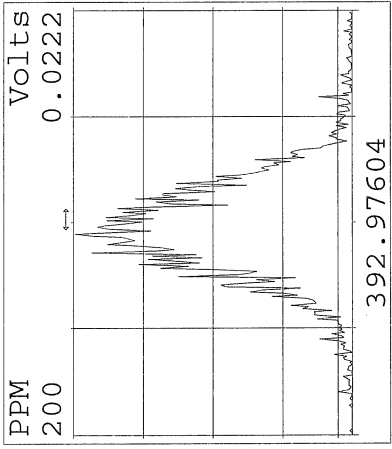
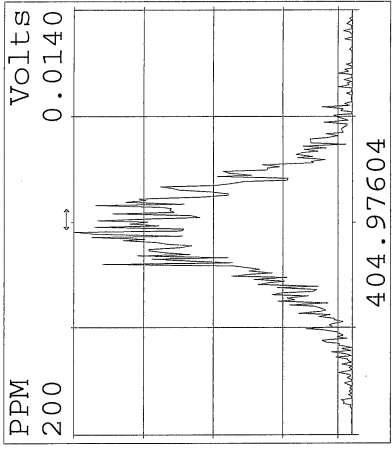
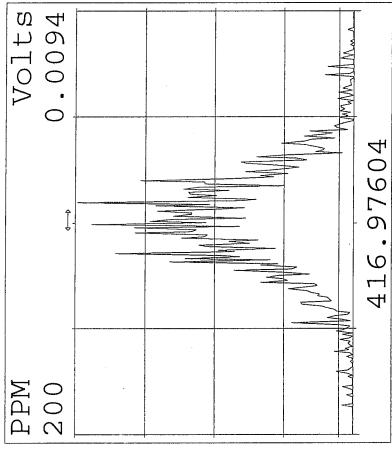
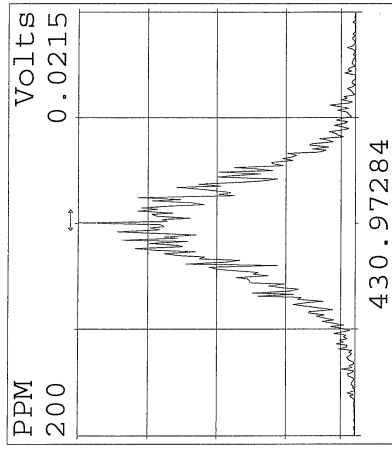
Peak Locate Examination:19-FEB-2016:11:12 File:M2160219A  
Experiment:1668A Function:5 Reference:PFK



Peak Locate Examination:19-FEB-2016:11:12 File:M2160219A  
Experiment:1668A Function:6 Reference:PFK

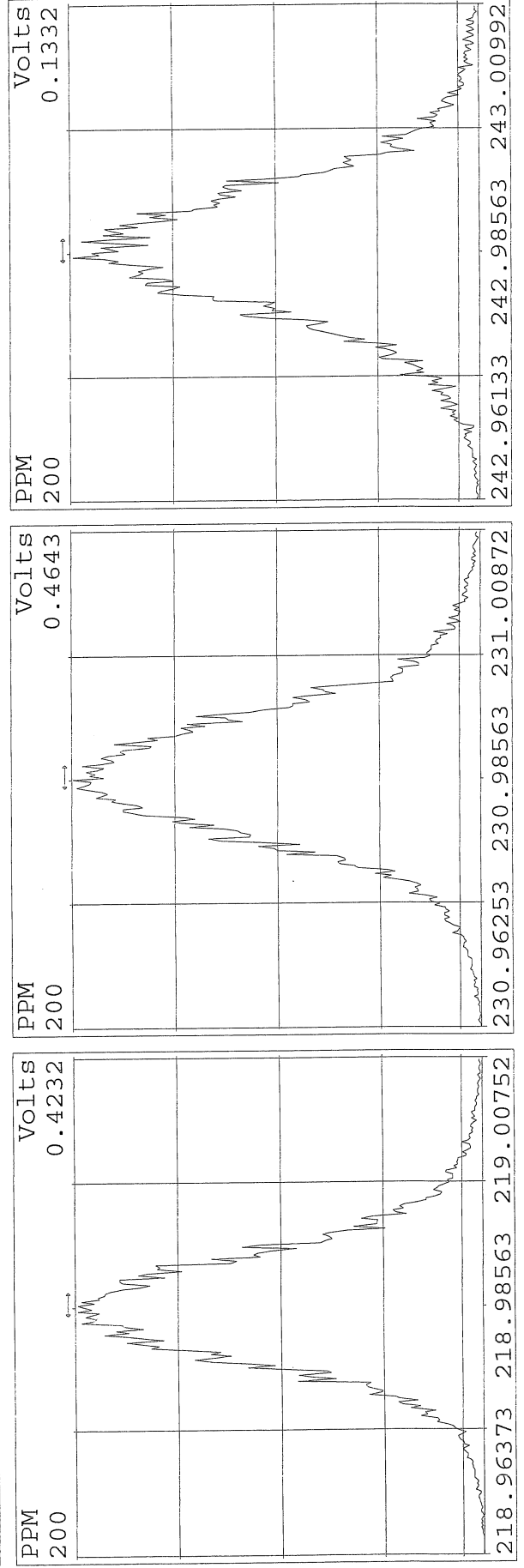
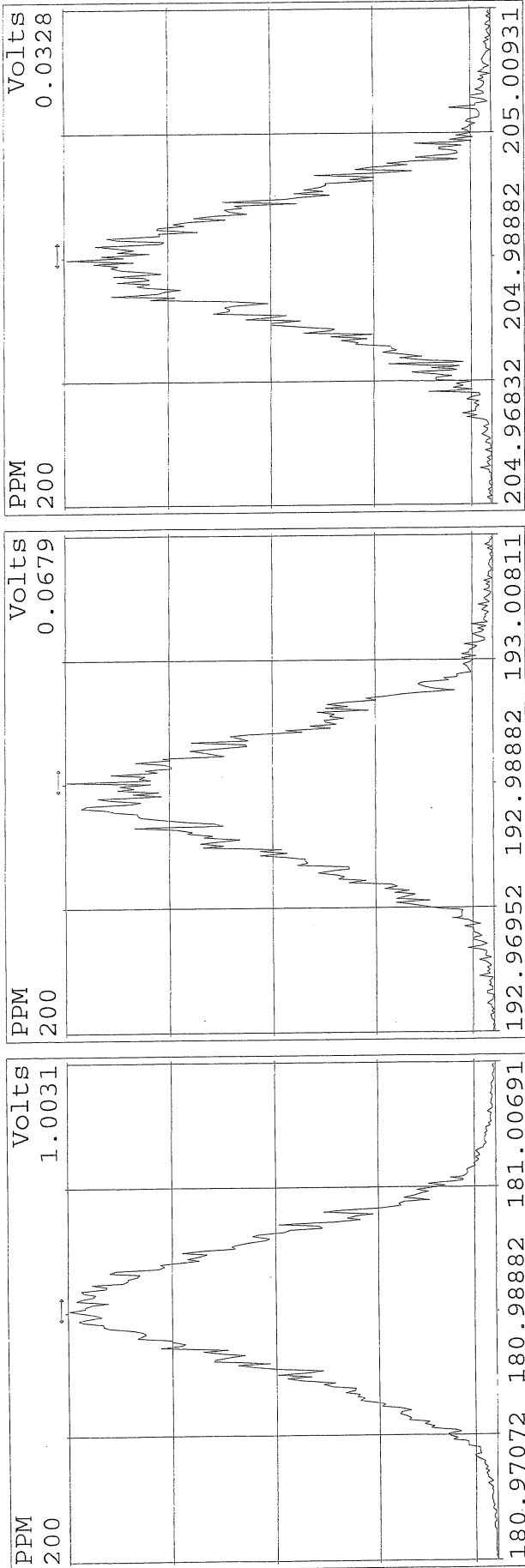


Peak Locate Examination:19-FEB-2016:11:13 File:M2160219A  
Experiment:1668A Function:7 Reference:PFK

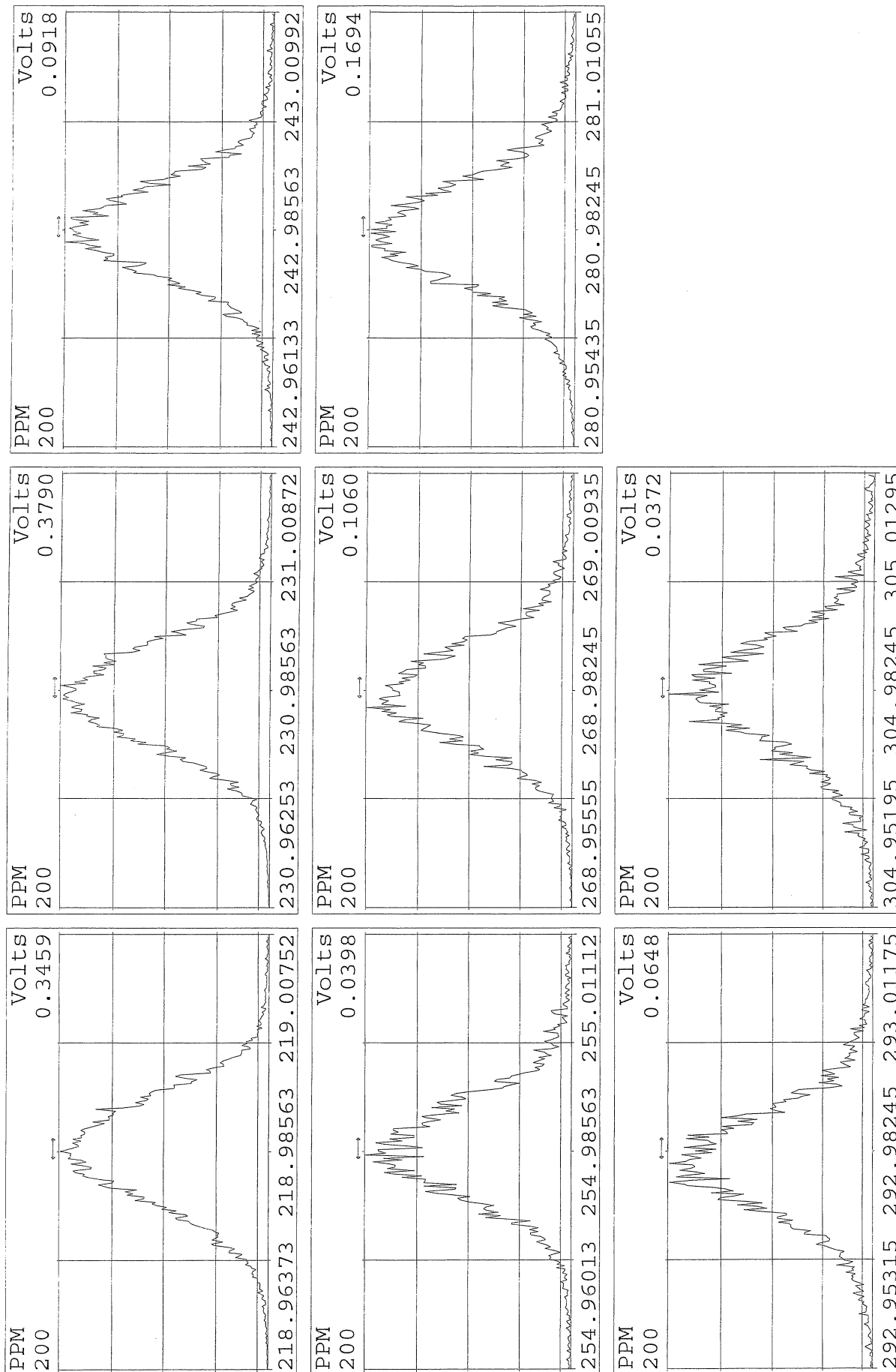




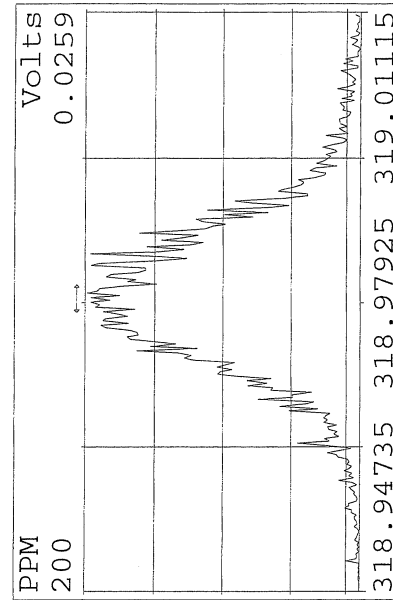
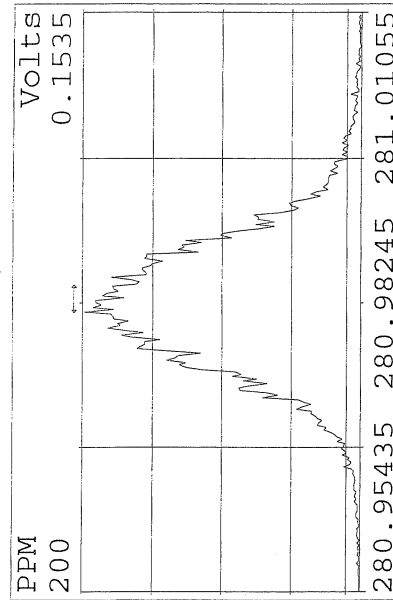
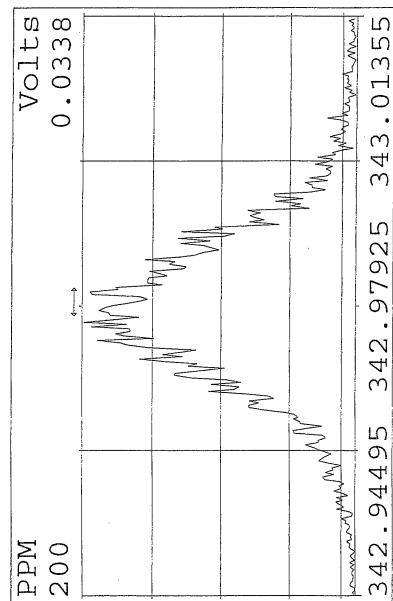
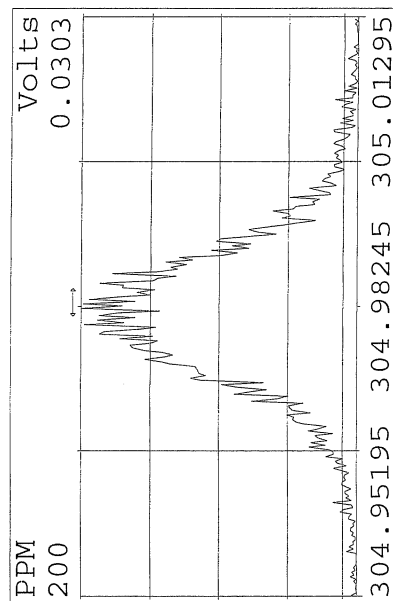
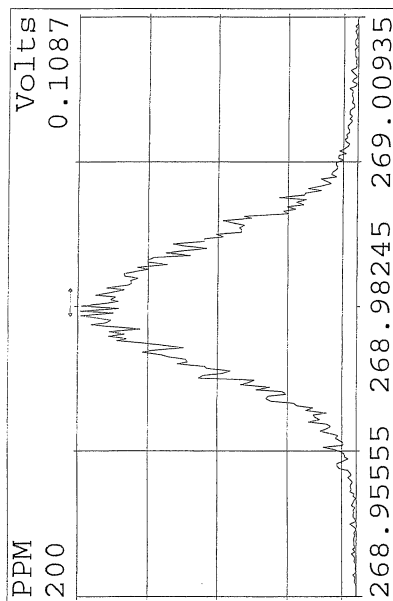
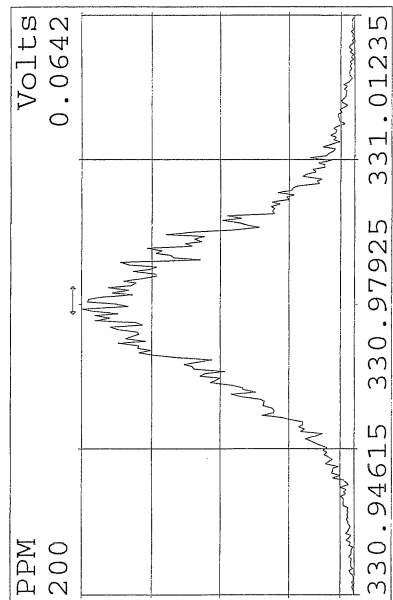
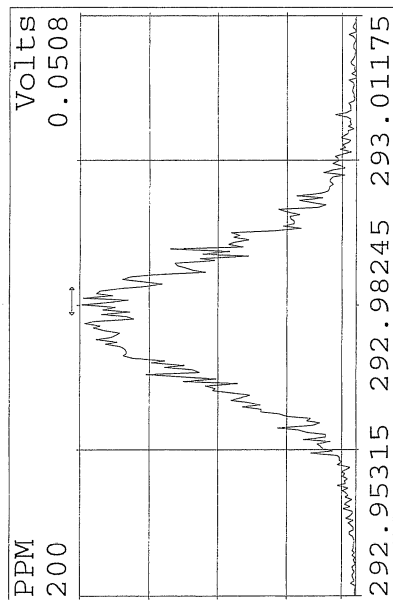
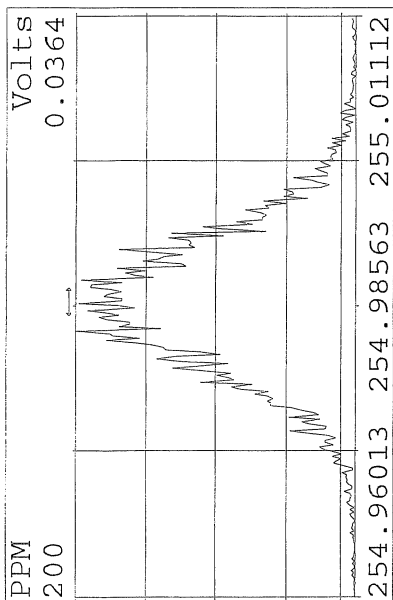
Peak Locate Examination:20-FEB-2016:09:20 File:M2160220  
Experiment:1668A Function:1 Reference:PFK



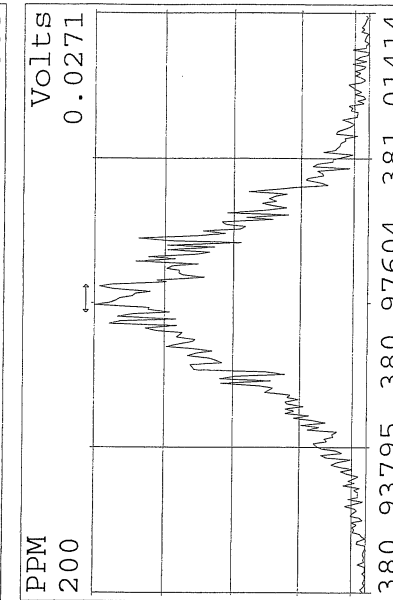
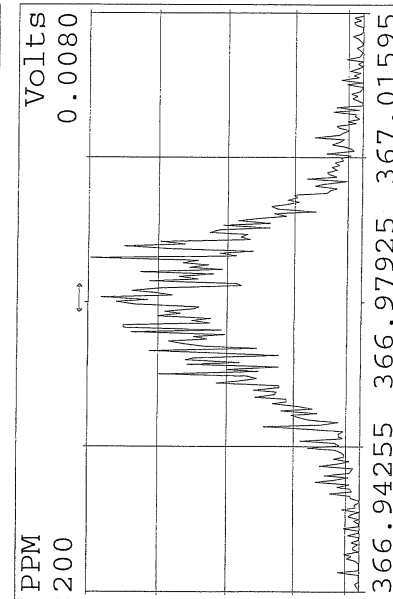
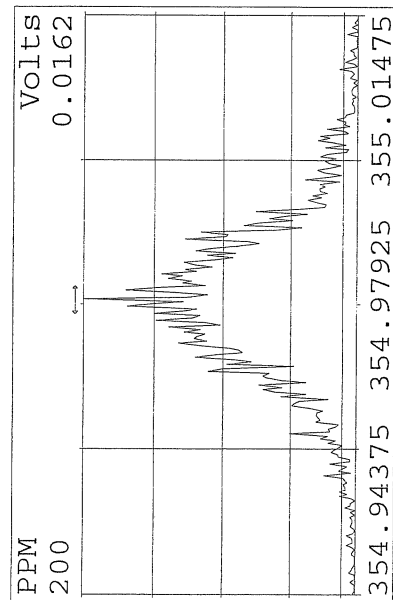
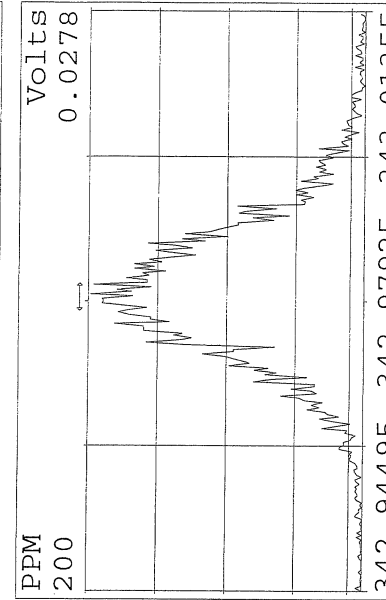
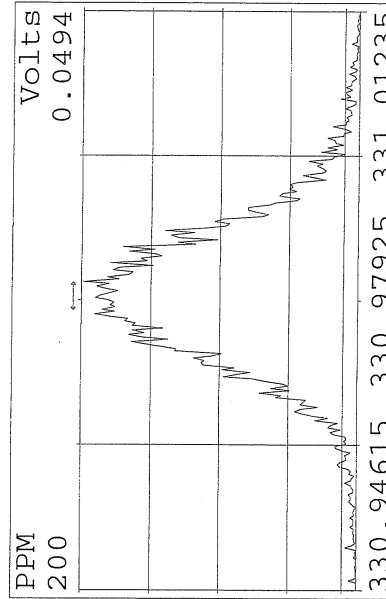
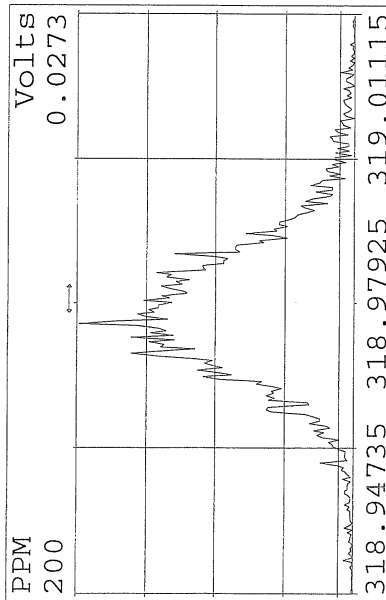
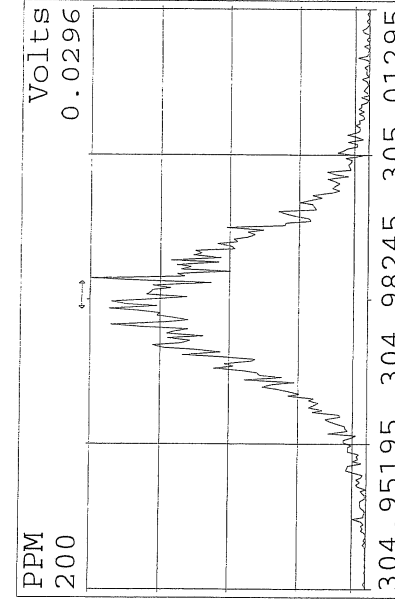
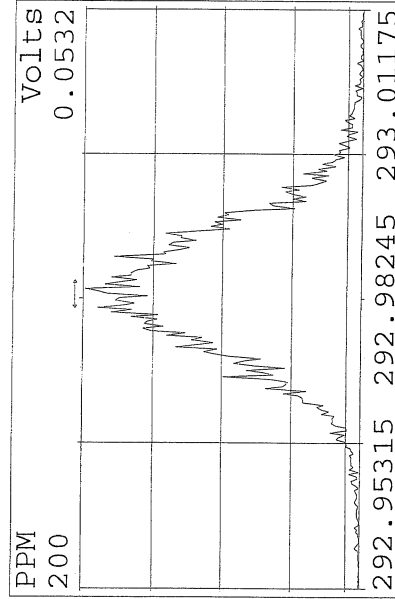
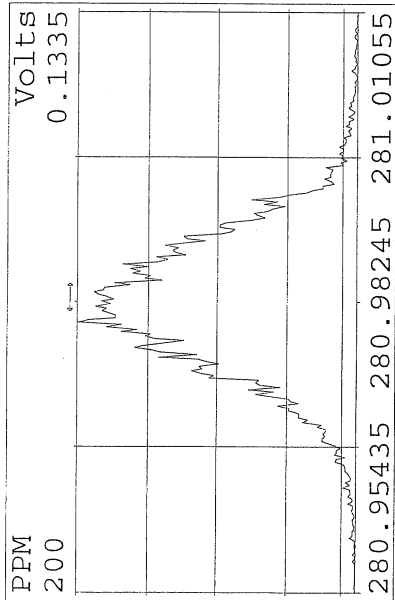
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 Experiment: 1668A Function: 2 Reference: PFK



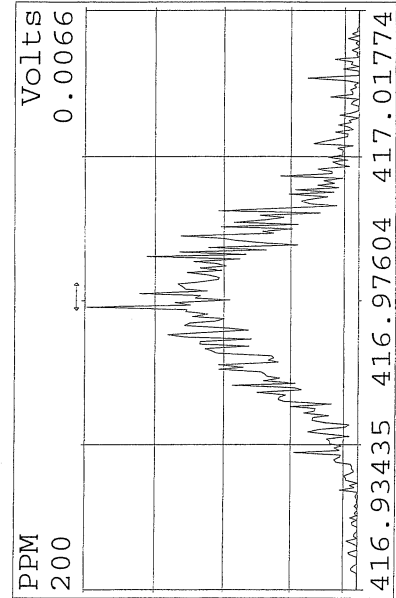
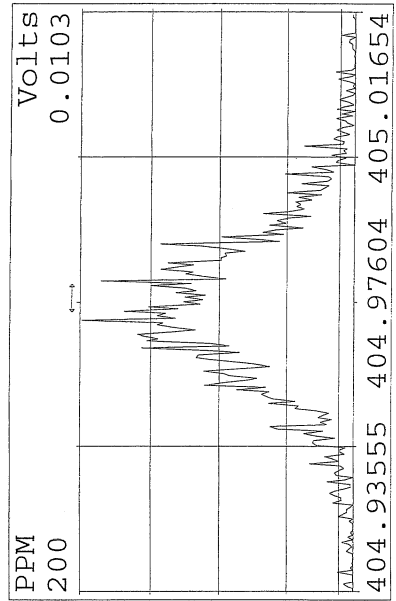
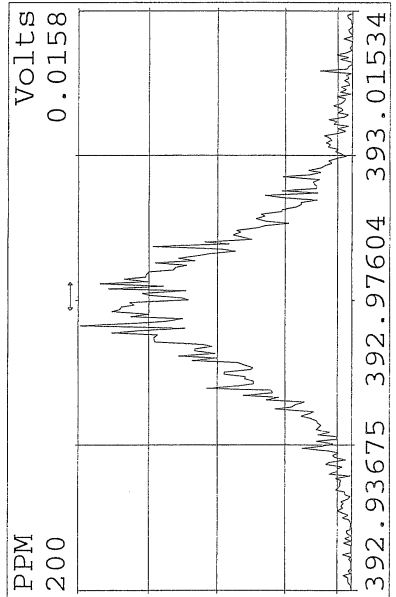
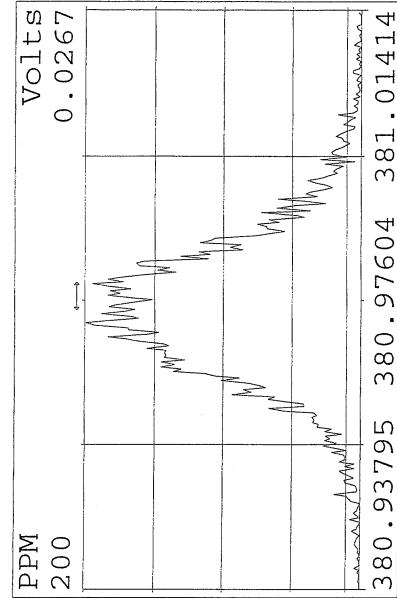
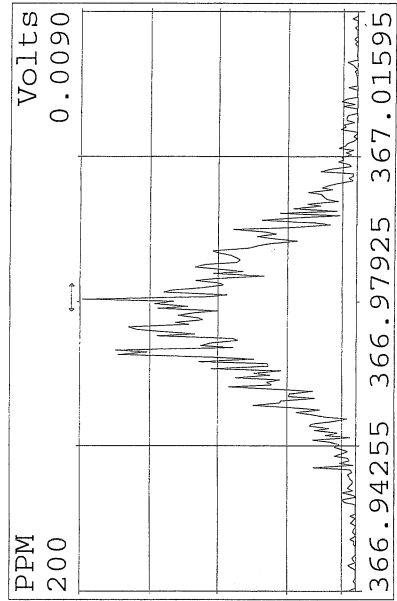
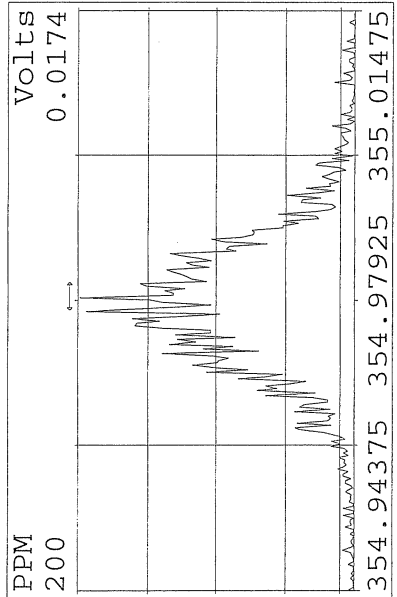
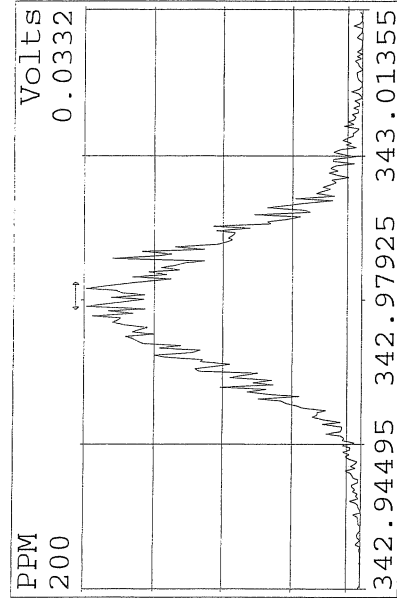
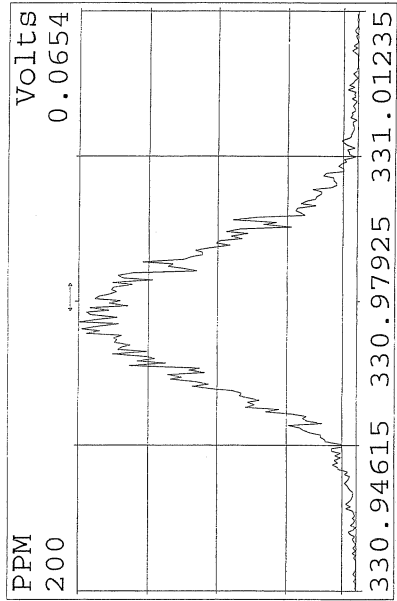
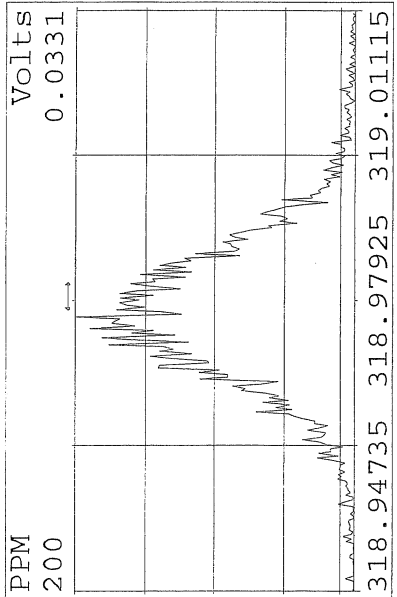
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Experiment:1668A Function:3 Reference:PFK



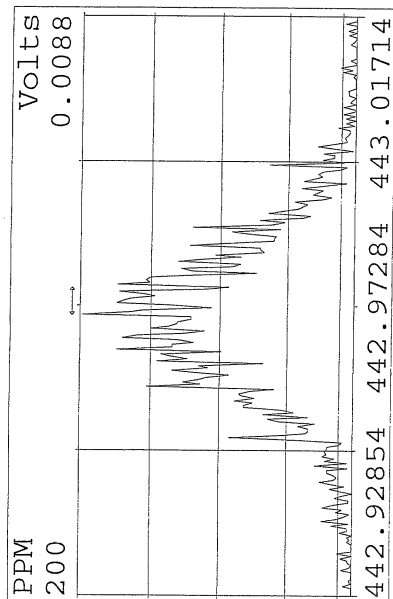
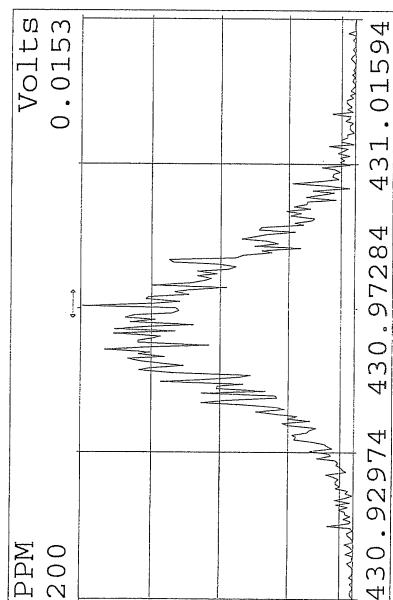
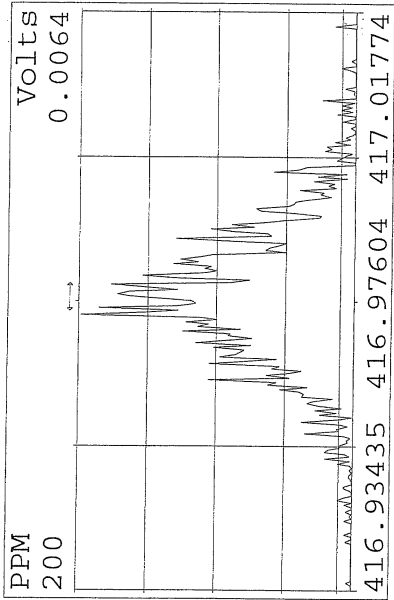
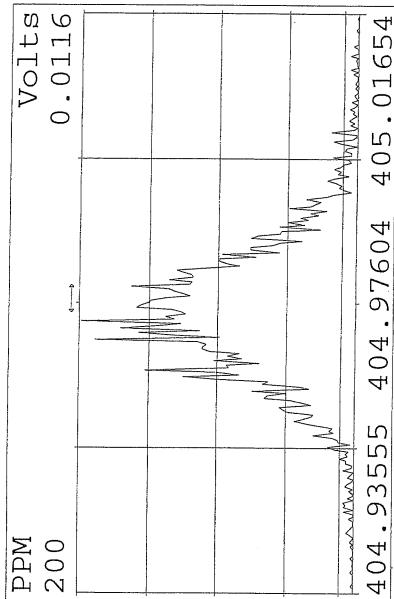
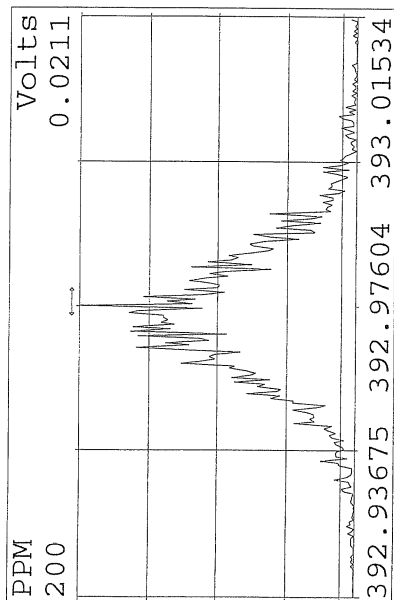
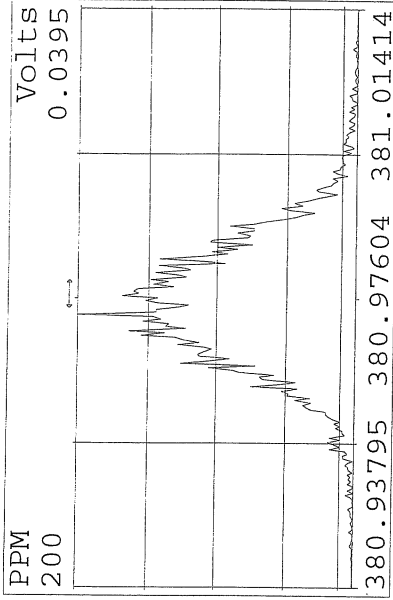
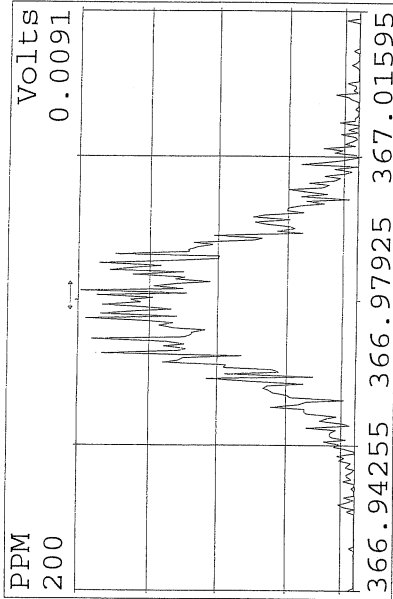
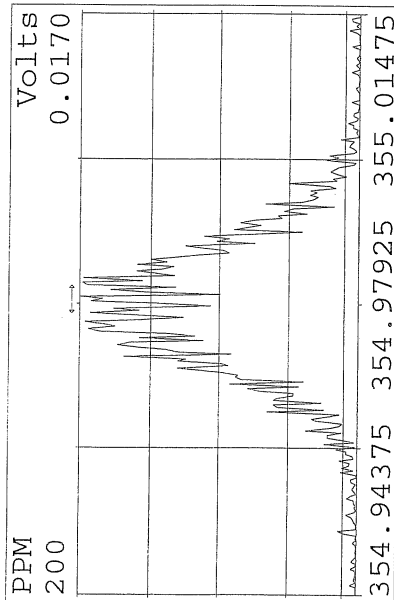
Peak Locate Examination:20-FEB-2016:09:22 File:M2160220  
 Experiment:1668A Function:4 Reference:PFK



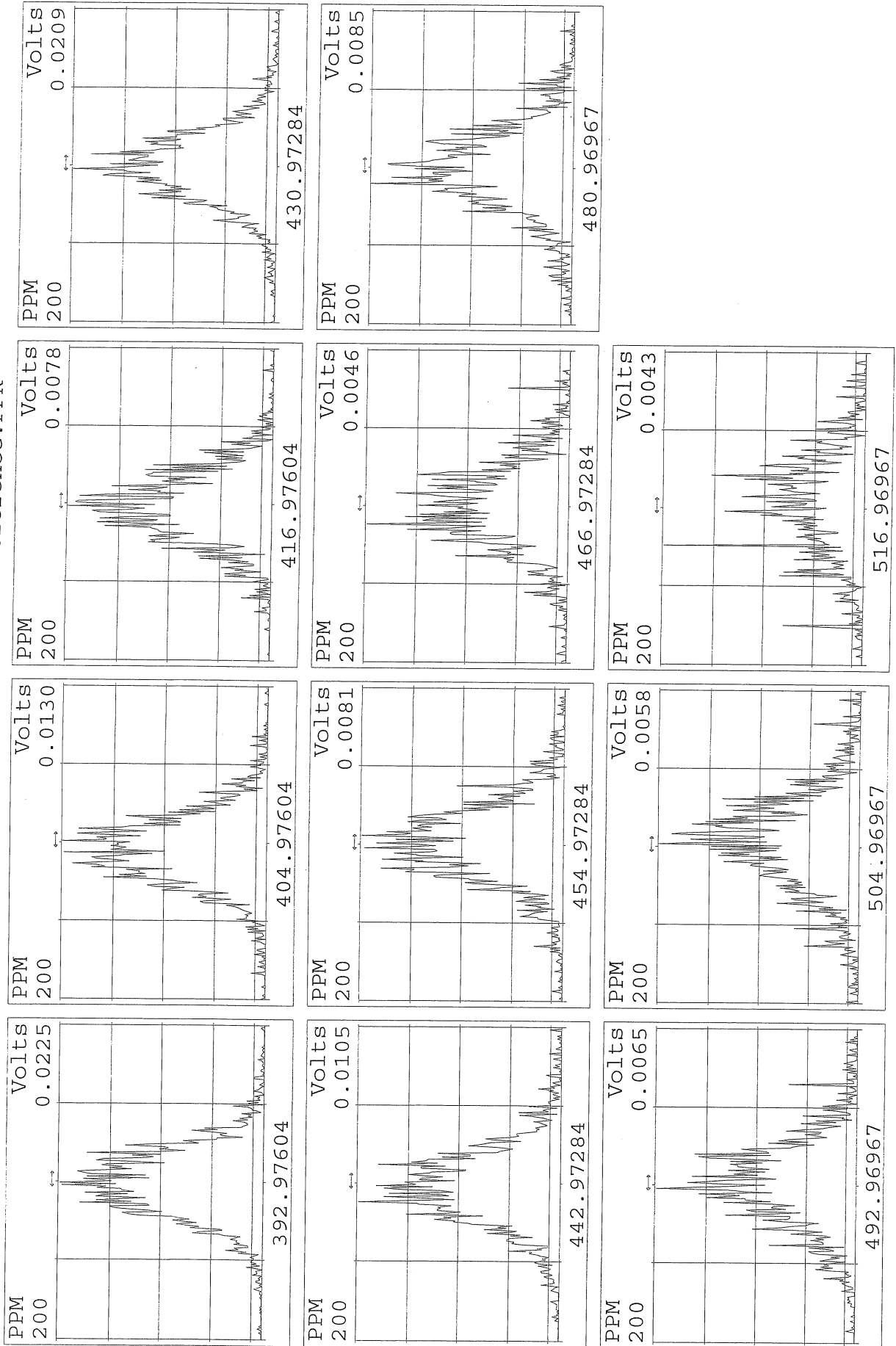
Peak Locate Examination:20-FEB-2016:09:23 File:M2160220  
 Experiment:1668A Function:5 Reference:PFK



Peak Locate Examination:20-FEB-2016:09:24 File:M2160220  
Experiment:1668A Function:6 Reference:PFK



Peak Locate Examination:20-FEB-2016:09:24 File:M2160220  
Experiment:1668A Function:7 Reference:PFK





## **4.2 QA/QC Data**

Maxxam Analytics International  
6740 Campobello Rd  
Mississauga, Ontario, Canada  
L5N 2L8  
1-800-668-0639  
[www.maxxamanalytics.com](http://www.maxxamanalytics.com)

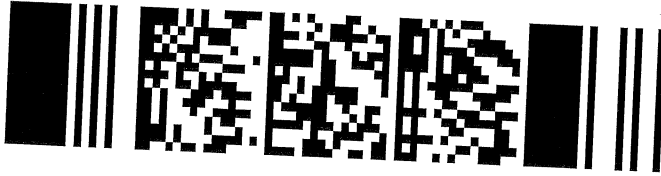


M2160218D-PCB

File Name	File Text	Sample ID	Job	Wt/Vol
M2160211AS002	CS1_PCB 150417CXU	---	---	---
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
---	---	---	---	1.000000
---	---	---	---	0.000000
M2160218DS001	CS3_PCB 150417CXU	---	---	0.000000
M2160218DS002	209MIX_PCB 150822CXU	---	---	1.000000
M2160218DS003	SPIKE	---	---	1.000000
M2160218DS004	SPIKE:D1	WS#4386412/4378609, Ti	---	10.204400
M2160218DS005	SOLVENT	WS#4386412/4378609, Ti	---	10.148500
M2160218DS006	BLANK	---	---	1.000000
M2160218DS007	BRP508-01R	WS#4386412/4378609, Ti	---	10.271500
M2160218DS008	BRP509-01R	Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti	---	10.237800
M2160218DS009	BRP510-01R	Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti	---	10.141900
M2160218DS010	BRP510-01R:D1	Anchor QEA, PG-WS-1-MUS-COC-160104, Ti	---	10.076300
M2160218DS011	BRP511-01R	Anchor QEA, PG-WS-1-MUS-COC-160104, Ti	---	10.172800
M2160218DS012	REF MAT	Anchor QEA, PG-GP-1-MUS-COC-160104, Ti	---	10.019100
M2160218DS013	SOLVENT BLANK	WS#4386412/4378609, Ti	---	7.884600
M2160218DS014	CS3_PCB 150417CXU	WS#4386412/4378609, Ti	---	1.000000
M2160218DS018	MSPIKE	---	---	1.000000
		WS#4386412/4378609, Ti	---	1.000000

WS# : 4386412

Page #: 1/2



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										
	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	2017/01/03	2016/02/23 23:00		2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*						1	2016/10/29	2016/02/23 23:00		2016/02/11
B622429	BUA897-01R		PCB CONGENERS*						1		2016/02/26 17:00		2016/02/11
									1		2016/02/28 18:00		2016/02/11

Remarks: \_\_\_\_\_

Samples extracted by: Sanjaykumar Patel

Instrumentation performed by: Cathy Xu

Calculations performed by: Amygd Hassan

Validated by: [Signature]

Date: 16/02/18

Date: 18-02-22

Date: 16/02/23

Ultra Trace - Worksheet Validation Checklist

Prep Worksheet # 4378609 Instrument Worksheet # 4386412  
 Testcode: PREPPCB-T1 Testcode: PCBCONHR-T

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: <u>[Signature]</u> Date: <u>2016/02/11</u>		✓		
Comments:				

Reviewed by:

[Signature]  
2016/02/18

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: <u>[Signature]</u> Date: <u>02-22-22</u>				✓
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: <u>[Signature]</u> Date: <u>16/02/23</u>		✓		
Comments:				

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

## HRMS Sample Information Transfer

Analyst: Saujan

Date: 2016/02/11

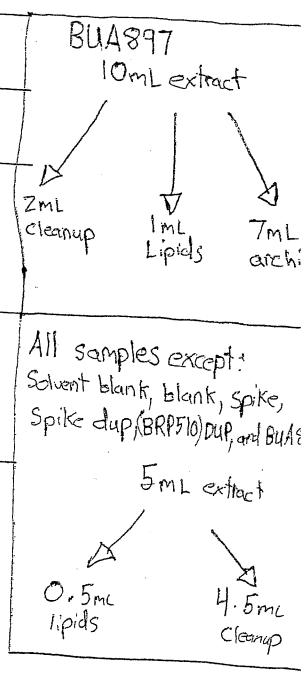
WS # 4378609

Extraction Status: \_\_\_\_\_

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

Cleanup Status: Lipids done, Started on GPC - MRZ 2016 02 13  
rotovaped after GPC 2016/02/14 MH

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



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

Completion Date: 2016/02/18



# HR Soil/Tissue/Food Tracking Sheet

Solvent	Lot No	Date & Time	Extracted by:-
MeCl <sub>2</sub>	157981	2016/02/11 4:30pm	SPT
Hexane	157979	2016/02/12 9 AM	MH, SPT
o-Toluene			
n-Heptane			
Di-n-Propyl Ether			
Di-n-Octane			
Na <sub>2</sub> SO <sub>4</sub>			
Acetone			
Silica			
DF	24		

ID of Balance Used Rotovape ID 6, 2, 1, 7	Spiking Witness by: AD, 609 2016/02/11	WSH# 4378609
---	---	-----------------

Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID
44% Acid Silica		50% Toluene: Ethyl Acet	
33% KOH Silica		50% DCM: Hexane	
10% AgNO <sub>3</sub>		Carbon/Celite	
Surrogate/Spike solutions			
EPA Mid 23 Internal Std Soln		Prep. Date/Code	
EPA Mid 23 Matrix Spiking Soln			
EPA Mid 1613 Internal Std. Soln			
EPA Mid 1613 Matrix Spiking Soln			
EPA Mid 1613 Alt. Spike (Clean-up)			
EPA Region IV (8290) Internal Std Soln			
EPA Region IV (8290) Mat. Spiking Soln			
PAHs			
Solvent/ Absorbent			
1% Deat. Alumina			
Surrogate/Spike solutions			
CARB 429 Internal Std Soln (PAH)			
CARB 429 Matrix Spiking Soln			

Concentration 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul T4-H7DD/DF @ 250 pg/ul O8CDD/DF @ 500 pg/ul 13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul T4 @ 40 P5-H7DD/DF @ 200 pg/ul O8CDD/DF @ 400 pg/ul 37C14-2378-T4CDD @ 40 pg/ul 13C12-T4-P5 @ 100 pg/ul H6-H7 @ 250 pg/ul 13C12O8CDD @ 500 pg/ul T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul	Prep. Date/Code MTD SPK Mx. Spk.
---	--

Concentration 5-10 ng/ul 5ng/ul	Prep. Date/Code MTD SPK Mx. Spk.
---------------------------------------	--

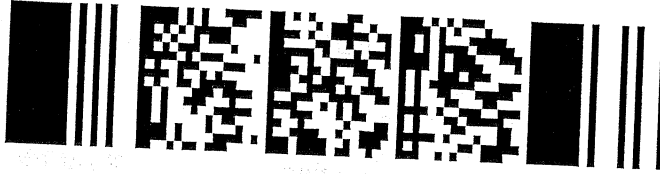
Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID
3% Deactivated Silica	2016-02-05 #2	H2SO4	
Nonane	HIB 128765V	HCl	
Surrogate/Spike solutions			
HR PCB Internal Std Soln			
HR PCB Matrix Spiking Soln			
HR PCB Alternate (Clean-up) Spike			
OCS			
Solvent/ Absorbent			
Petroleum Ether			
Ethyl Acetate			
Surrogate/Spike solutions			
HR OC Internal Std Soln			
HR OC Matrix Spiking Soln			
COMMENTS:-			

Concentration 0.4ng/ul 0.1ng/ul 0.4ng/ul	Prep. Date/Code MTD SPK Mx. Spk.
---	--

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID
1% Deactivated Florisil		MTD SPK	
20% Ethyl Acet. Petroleum Ether		Mx. Spk.	
Surrogate/Spike solutions			
HR OC Internal Std Soln			
HR OC Matrix Spiking Soln			
COMMENTS:-			

WS# : 4378609

Page #: 1/2



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						T153	2016/02/11
	SPIKE	1	BFM 737		T67	0.1485						T174	2016/02/11
	BLANK		BFM 737		T59	0.2715						T15	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			1		2016/02/22 17:00	T200	2016/02/11
B622429	BUA897-01R		PCB CONGENERS*		T150	0.3555		5	1		2016/02/21 18:00	T191	2016/02/11
	BLK		Nonyl solvent		T38			10X	1			T17	
	MS												

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

Samples extracted by: Sanjaykumar Patel  
 Instrumentation performed by: \_\_\_\_\_  
 Calculations performed by: \_\_\_\_\_  
 Validated by: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Date: \_\_\_\_\_

Job No.	Rep	Client Name	Contact	Client Tier	National
	Remarks				
GB612062	MDG Anchor QEA, LLC	Anchor QEA Reporting			
	PCBONHR-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			
	PCBONHR-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		Tier 4 (Enviro.)	
	Project #: BIPEA JANUARY 2016				
GB622429	MDC Maxxam BRL PT Programs	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				

*Shain*  
2016/02/11

Surrogates/Spikes	Method Spike	Spikes	Samples

Sample	Preparation Remarks

Sample	Instrumentation Remarks

# REPORTING PACKET

First Choice for Quality |

SIGMA-ALDRICH 

PCB CONGENERS IN FISH TISSUE - PT  
Sample Item Number SPE068TIS-30G

B 622429

## 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.





Sample ID **BLANK**  
 Comments  
 Instrument File Ultima 3  
 Sample Size 10.272

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.00061			-0.00061	*	no	1.082	-
	MoCB 190	8.98	*	no	*					*			
2 PCB 2	188	NotFnd	*	*	*	-0.00055			-0.00055	*	no	1.2	-
	MoCB 190	10.10	*	no	*					*			
3 PCB 3	188	NotFnd	*	*	*	-0.00061			-0.00061	*	no	1.079	-
	MoCB 190	10.19	*	no	*					*			
4 PCB 4	222	NotFnd	*	*	*	-0.00208			-0.00208	*	no	0.954	-
	DICB 224	10.29	*	no	*					*			
5 PCB 10	222	NotFnd	*	*	*	-0.00162			-0.00162	*	no	1.229	-
	DICB 224	10.36	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.00201			-0.00201	*	no	1.311	-
	DICB 224	11.18	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.00226			-0.00226	*	no	1.165	-
	DICB 224	11.26	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.002			-0.002	*	no	1.319	-
	DICB 224	11.34	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.00268			-0.00268	*	no	0.983	-
	DICB 224	11.50	*	no	*					*			
10 PCB 8	222	11.55	-2461	1.56	-4038.56	-0.00227	PCB 8 NDR		-0.00181	45	xL	1.456	-
	DICB 224	11.55	-1577.56	OK						4			
11 PCB 14	222	NotFnd	*	*	*	-0.00198			-0.00198	*	no	1.332	-
	DICB 224	12.26	*	no	*					*			
12 PCB 11	222	12.64	8466	1.43	14390	0.009181			-0.00205	120	yes	1.285	-
	DICB 224	12.66	5924	yes						8			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00218			-0.00218	*	no	1.21	-
	DICB 224	12.81	*	no	*					*			
14 PCB 15	222	NotFnd	*	*	*	-0.00303			-0.00303	*	no	0.871	-
	DICB 224	12.96	*	no	*					*			
15 PCB 19	256	NotFnd	*	*	*	-0.00219			-0.00219	*	no	0.899	-
	TriCB 258	11.70	*	no	*					*			
16 PCB 30/18	256	12.49	1114	1.04	2182	-0.00242			-0.00242	*	yes	0.813	-
	TriCB 258	12.48	1068	no						*			
17 PCB 17	256	12.68	485	1.11	920	-0.00289			-0.00289	*	yes	0.683	-
	TriCB 258	12.69	435	no						*			
18 PCB 27	256	NotFnd	*	*	*	-0.00197			-0.00197	*	no	1.002	-
	TriCB 258	12.78	*	no	*					*			
19 PCB 24	256	NotFnd	*	*	*	-0.00231			-0.00231	*	no	0.855	-
	TriCB 258	12.87	*	no	*					*			
20 PCB 16	256	12.91	399	1.28	711	-0.00393			-0.00393	*	yes	0.501	-
	TriCB 258	12.90	311	no						*			
21 PCB 32	256	13.14	421	1.12	798	-0.0018			-0.0018	*	yes	1.093	-
	TriCB 258	13.14	377	no						*			
22 PCB 34	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.235	-
	TriCB 258	13.74	*	no	*					*			
23 PCB 23	256	NotFnd	*	*	*	-0.0006			-0.0006	*	no	1.033	-
	TriCB 258	13.82	*	no	*					*			
24 PCB 26/29	256	13.97	584	1.02	1158	0.000689			-0.00051	5	yes	1.221	-
	TriCB 258	13.99	574	yes						5			
25 PCB 25	256	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.334	-
	TriCB 258	14.10	*	no	*					*			
26 PCB 31	256	14.26	3058	0.96	6241	0.003395			-0.00047	25	no	1.335	-
	TriCB 258	14.26	3182	yes						27			
27 PCB 28/20	256	14.42	3570	1	7144	0.004359			-0.00052	28	no	1.191	-
	TriCB 258	14.43	3574	yes						28			
28 PCB 21/33	256	14.55	2069	1.08	3984	0.002306			-0.0005	15	no	1.255	-
	TriCB 258	14.53	1914	yes						15			
29 PCB 22	256	14.75	1262	1.02	2496	0.001609			-0.00055	9	no	1.127	-
	TriCB 258	14.76	1234	yes						10			
30 PCB 36	256	NotFnd	*	*	*	-0.0004			-0.0004	*	no	1.57	-
	TriCB 258	15.60	*	no	*					*			
31 PCB 39	256	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.32	-
	TriCB 258	15.83	*	no	*					*			
32 PCB 38	256	NotFnd	*	*	*	-0.00043			-0.00043	*	no	1.438	-
	TriCB 258	16.18	*	no	*					*			
33 PCB 35	256	NotFnd	*	*	*	-0.00039			-0.00039	*	no	1.597	-
	TriCB 258	16.45	*	no	*					*			
34 PCB 37	256	16.70	1380	1.06	2682	0.001432			-0.00069	9	no	0.906	-
	TriCB 258	16.70	1303	yes						9			
35 PCB 54	290	NotFnd	*	*	*	-0.00016			-0.00016	*	no	0.911	-
	TCB 292	13.08	*	no	*					*			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00198			-0.00198	*	no	0.654	-
	TCB 292	14.11	*	no	*					*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.00204			-0.00204	*	no	0.633	-
	TCB 292	14.49	*	no	*					*			
38 PCB 46	290	NotFnd	*	*	*	-0.00234			-0.00234	*	no	0.554	-
	TCB 292	14.64	*	no	*					*			
39 PCB 52	290	15.36	1101	0.86	2379	0.00202			-0.00155	5	no	0.834	-
	TCB 292	15.38	1277	yes						4			
40 PCB 73	290	NotFnd	*	*	*	-0.00159			-0.00159	*	no	0.813	-
	TCB 292	15.46	*	no	*					*			
41 PCB 43	290	NotFnd	*	*	*	-0.00251			-0.00251	*	no	0.516	-
	TCB 292	15.52	*	no	*					*			
42 PCB 69/49	290	15.65	896	0.88	1920	0.001598			-0.00152	4	yes	0.851	-
	TCB 292	15.64	1024	yes						4			

43	PCB 48	290	NotFnd	*	*	*	-0.00192		-0.00192	*	no	0.673	-
		TCB 292	15.84	*	no					*			
44	PCB 44/47/65	290	15.98	-1857.24	0.77	-4269.24	-0.00387	PCB 44/47/65 NDR	-0.00165	9	xL	0.783	-
		TCB 292	15.98	-2412	OK					8			
45	PCB 59/62/75	290	NotFnd	*	*	*	-0.00127		-0.00127	*	no	1.017	-
		TCB 292	16.16	*	no					*			
46	PCB 42	290	NotFnd	*	*	*	-0.0019		-0.0019	*	no	0.682	-
		TCB 292	16.29	*	no					*			
47	PCB 40/41/71	290	NotFnd	*	*	*	-0.00179		-0.00179	*	no	0.724	-
		TCB 292	16.58	*	no					*			
48	PCB 64	290	NotFnd	*	*	*	-0.0014		-0.0014	*	no	0.922	-
		TCB 292	16.71	*	no					*			
49	PCB 72	290	NotFnd	*	*	*	-0.00084		-0.00084	*	no	1.304	-
		TCB 292	17.19	*	no					*			
50	PCB 68	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.22	-
		TCB 292	17.40	*	no					*			
51	PCB 57	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.221	-
		TCB 292	17.68	*	no					*			
52	PCB 58	290	NotFnd	*	*	*	-0.00106		-0.00106	*	no	1.035	-
		TCB 292	17.83	*	no					*			
53	PCB 67	290	NotFnd	*	*	*	-0.00082		-0.00082	*	no	1.347	-
		TCB 292	17.94	*	no					*			
54	PCB 63	290	NotFnd	*	*	*	-0.00088		-0.00088	*	no	1.253	-
		TCB 292	18.13	*	no					*			
55	PCB 61/70/74/76	290	18.34	3641	0.81	8119	0.005187		-0.00099	10	no	1.109	-
		TCB 292	18.34	4478	yes					10			
56	PCB 66	290	18.57	2251	0.84	4921	0.002808		-0.00089	8	no	1.241	-
		TCB 292	18.58	2670	yes					9			
57	PCB 55	290	NotFnd	*	*	*	-0.0011		-0.0011	*	no	0.998	-
		TCB 292	18.71	*	no					*			
58	PCB 56	290	NotFnd	*	*	*	-0.0011		-0.0011	*	no	0.995	-
		TCB 292	19.05	*	no					*			
59	PCB 60	290	NotFnd	*	*	*	-0.00111		-0.00111	*	no	0.988	-
		TCB 292	19.22	*	no					*			
60	PCB 80	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.224	-
		TCB 292	19.48	*	no					*			
61	PCB 79	290	NotFnd	*	*	*	-0.00075		-0.00075	*	no	1.462	-
		TCB 292	20.61	*	no					*			
62	PCB 78	290	NotFnd	*	*	*	-0.00085		-0.00085	*	no	1.287	-
		TCB 292	21.06	*	no					*			
63	PCB 81	290	NotFnd	*	*	*	-0.00107		-0.00107	*	no	1.027	-
		TCB 292	21.43	*	no					*			
64	PCB 77	290	NotFnd	*	*	*	-0.00102		-0.00102	*	no	1.077	-
		TCB 292	21.87	*	no					*			
65	PCB 104	326	NotFnd	*	*	*	-0.00015		-0.00015	*	no	1.094	-
		PeCB 328	15.94	*	no					*			
66	PCB 96	326	NotFnd	*	*	*	-0.00018		-0.00018	*	no	0.874	-
		PeCB 328	16.16	*	no					*			
67	PCB 103	326	NotFnd	*	*	*	-0.00085		-0.00085	*	no	0.739	-
		PeCB 328	17.32	*	no					*			
68	PCB 94	326	NotFnd	*	*	*	-0.00117		-0.00117	*	no	0.54	-
		PeCB 328	17.47	*	no					*			
69	PCB 95	326	NotFnd	*	*	*	-0.00092		-0.00092	*	no	0.683	-
		PeCB 328	17.77	*	no					*			
70	PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00102		-0.00102	*	no	0.619	-
		PeCB 328	17.93	*	no					*			
71	PCB 88/91	326	NotFnd	*	*	*	-0.00101		-0.00101	*	no	0.625	-
		PeCB 328	18.31	*	no					*			
72	PCB 84	326	NotFnd	*	*	*	-0.00118		-0.00118	*	no	0.534	-
		PeCB 328	18.50	*	no					*			
73	PCB 89	326	NotFnd	*	*	*	-0.00108		-0.00108	*	no	0.582	-
		PeCB 328	18.84	*	no					*			
74	PCB 121	326	NotFnd	*	*	*	-0.00083		-0.00083	*	no	0.761	-
		PeCB 328	19.08	*	no					*			
75	PCB 92	326	NotFnd	*	*	*	-0.00105		-0.00105	*	no	0.598	-
		PeCB 328	19.35	*	no					*			
76	PCB 113/90/101	326	19.78	3898	1.72	6158	0.005859		-0.00089	20	no	0.71	-
		PeCB 328	19.76	2260	yes					17			
77	PCB 83/99	326	20.23	2731	1.65	4382	0.004753		-0.00101	13	no	0.623	-
		PeCB 328	20.22	1652	yes					12			
78	PCB 112	326	NotFnd	*	*	*	-0.00077		-0.00077	*	no	0.819	-
		PeCB 328	20.33	*	no					*			
79	PCB 109/119/86/97/125/326	326	20.67	1325	1.7	2106	0.001959		-0.00087	3	no	0.726	-
		PeCB 328	20.62	780	yes					3			
80	PCB 117/116/85	326	21.17	830	1.67	1326	0.001126		-0.00079	4	yes	0.796	-
		PeCB 328	21.23	496	yes					4			
81	PCB 110/115	326	21.32	2297	1.6	3729	0.003362		-0.00084	10	yes	0.75	-
		PeCB 328	21.32	1432	yes					10			
82	PCB 82	326	NotFnd	*	*	*	-0.00112		-0.00112	*	no	0.564	-
		PeCB 328	21.59	*	no					*			
83	PCB 111	326	NotFnd	*	*	*	-0.00078		-0.00078	*	no	0.809	-
		PeCB 328	21.85	*	no					*			
84	PCB 120	326	NotFnd	*	*	*	-0.00066		-0.00066	*	no	0.951	-
		PeCB 328	22.24	*	no					*			
85	PCB 108/124	326	NotFnd	*	*	*	-0.00054		-0.00054	*	no	1.122	-
		PeCB 328	23.21	*	no					*			
86	PCB 107	326	23.40	1059	1.77	1657	0.000976		-0.00053	5	yes	1.147	-
		PeCB 328	23.40	597	yes					4			
87	PCB 123	326	NotFnd	*	*	*	-0.00068		-0.00068	*	no	0.894	-
		PeCB 328	23.51	*	no					*			
88	PCB 106	326	NotFnd	*	*	*	-0.0005		-0.0005	*	no	1.218	-
		PeCB 328	23.63	*	no					*			
89	PCB 118	326	23.79	7131	1.54	11748	0.007065		-0.00062	35	no	0.981	-
		PeCB 328	23.80	4617	yes					35			

90 PCB 122	326	NotFnd	*	*	*	-0.00056			-0.00056	*	no	1.079	-
	PeCB 328	24.08	*	no	*					*			
91 PCB 114	326	NotFnd	*	*	*	-0.0006			-0.0006	*	no	1.01	-
	PeCB 328	24.28	*	no	*					*			
<b>92 PCB 105</b>	<b>326</b>	<b>24.83</b>	<b>2240</b>	<b>1.61</b>	<b>3629</b>	<b>0.002272</b>			-0.00062	10	no	0.977	-
	PeCB 328	24.83	1389	yes	*					9			
93 PCB 127	326	NotFnd	*	*	*	-0.00049			-0.00049	*	no	1.23	-
	PeCB 328	26.20	*	no	*					*			
94 PCB 126	326	NotFnd	*	*	*	-0.00062			-0.00062	*	no	0.977	-
	PeCB 328	27.72	*	no	*					*			
95 PCB 155	360	NotFnd	*	*	*	-0.00142			-0.00142	*	no	0.997	-
	HxCB 362	19.63	*	no	*					*			
96 PCB 152	360	NotFnd	*	*	*	-0.00174			-0.00174	*	no	0.813	-
	HxCB 362	19.78	*	no	*					*			
97 PCB 150	360	NotFnd	*	*	*	-0.00218			-0.00218	*	no	0.65	-
	HxCB 362	19.88	*	no	*					*			
98 PCB 136	360	NotFnd	*	*	*	-0.00186			-0.00186	*	no	0.761	-
	HxCB 362	20.17	*	no	*					*			
99 PCB 145	360	NotFnd	*	*	*	-0.00214			-0.00214	*	no	0.662	-
	HxCB 362	20.41	*	no	*					*			
100 PCB 148	360	NotFnd	*	*	*	-0.00257			-0.00257	*	no	0.551	-
	HxCB 362	21.55	*	no	*					*			
101 PCB 151/135	360	NotFnd	*	*	*	-0.00273			-0.00273	*	no	0.519	-
	HxCB 362	22.04	*	no	*					*			
102 PCB 154	360	NotFnd	*	*	*	-0.00229			-0.00229	*	no	0.618	-
	HxCB 362	22.21	*	no	*					*			
103 PCB 144	360	NotFnd	*	*	*	-0.00252			-0.00252	*	no	0.562	-
	HxCB 362	22.51	*	no	*					*			
<b>104 PCB 147/149</b>	<b>360</b>	<b>22.79</b>	<b>1274</b>	<b>1.16</b>	<b>2367</b>	<b>0.002625</b>			-0.00116	8	yes	0.662	-
	HxCB 362	22.80	1093	yes	*					7			
105 PCB 134/143	360	NotFnd	*	*	*	-0.00131			-0.00131	*	no	0.586	-
	HxCB 362	23.06	*	no	*					*			
106 PCB 139/140	360	NotFnd	*	*	*	-0.00113			-0.00113	*	no	0.68	-
	HxCB 362	23.31	*	no	*					*			
107 PCB 131	360	NotFnd	*	*	*	-0.00143			-0.00143	*	no	0.537	-
	HxCB 362	23.49	*	no	*					*			
108 PCB 142	360	NotFnd	*	*	*	-0.00123			-0.00123	*	no	0.626	-
	HxCB 362	23.65	*	no	*					*			
109 PCB 132	360	NotFnd	*	*	*	-0.00137			-0.00137	*	no	0.561	-
	HxCB 362	23.88	*	no	*					*			
110 PCB 133	360	NotFnd	*	*	*	-0.00117			-0.00117	*	no	0.657	-
	HxCB 362	24.31	*	no	*					*			
111 PCB 165	360	NotFnd	*	*	*	-0.00101			-0.00101	*	no	0.765	-
	HxCB 362	24.66	*	no	*					*			
<b>112 PCB 146</b>	<b>360</b>	<b>24.88</b>	<b>1605</b>	<b>1.18</b>	<b>2965</b>	<b>0.00309</b>			-0.00109	9	no	0.705	-
	HxCB 362	24.86	1360	yes	*					9			
113 PCB 161	360	NotFnd	*	*	*	-0.00079			-0.00079	*	no	0.97	-
	HxCB 362	25.01	*	no	*					*			
114 PCB 153/168	360	25.43	-6818.76	1.24	-12317.8	-0.0102	PCB 153/168 NDR		-0.0009	45	xL	0.852	-
	HxCB 362	25.45	-5499	OK	*					37			
115 PCB 141	360	NotFnd	*	*	*	-0.00113			-0.00113	*	no	0.681	-
	HxCB 362	25.60	*	no	*					*			
116 PCB 130	360	NotFnd	*	*	*	-0.00125			-0.00125	*	no	0.617	-
	HxCB 362	25.99	*	no	*					*			
117 PCB 137	360	NotFnd	*	*	*	-0.00127			-0.00127	*	no	0.607	-
	HxCB 362	26.19	*	no	*					*			
118 PCB 164	360	NotFnd	*	*	*	-0.00084			-0.00084	*	no	0.913	-
	HxCB 362	26.28	*	no	*					*			
<b>119 PCB 138/163/129</b>	<b>360</b>	<b>26.59</b>	<b>6084</b>	<b>1.28</b>	<b>10819</b>	<b>0.011281</b>			-0.00109	28	no	0.705	-
	HxCB 362	26.60	4735	yes	*					27			
120 PCB 160	360	NotFnd	*	*	*	-0.00094			-0.00094	*	no	0.822	-
	HxCB 362	26.78	*	no	*					*			
121 PCB 158	360	NotFnd	*	*	*	-0.00077			-0.00077	*	no	1.004	-
	HxCB 362	26.96	*	no	*					*			
122 PCB 128/166	360	NotFnd	*	*	*	-0.00099			-0.00099	*	no	0.774	-
	HxCB 362	27.78	*	no	*					*			
123 PCB 159	360	NotFnd	*	*	*	-0.00041			-0.00041	*	no	1.179	-
	HxCB 362	28.76	*	no	*					*			
124 PCB 162	360	NotFnd	*	*	*	-0.00044			-0.00044	*	no	1.101	-
	HxCB 362	29.05	*	no	*					*			
125 PCB 167	360	29.53	-513.36	1.24	-927.36	-0.00056	PCB 167 NDR		-0.00051	4	xL	0.946	-
	HxCB 362	29.52	-414	OK	*					3			
<b>126 PCB 156/157</b>	<b>360</b>	<b>30.68</b>	<b>1148</b>	<b>1.21</b>	<b>2098</b>	<b>0.001251</b>			-0.00048	7	yes	1.017	-
	HxCB 362	30.71	950	yes	*					6			
127 PCB 169	360	NotFnd	*	*	*	-0.00051			-0.00051	*	no	0.954	-
	HxCB 362	34.11	*	no	*					*			
128 PCB 188	394	NotFnd	*	*	*	-0.00111			-0.00111	*	no	1.012	-
	HpCB 396	24.23	*	no	*					*			
129 PCB 179	394	NotFnd	*	*	*	-0.00107			-0.00107	*	no	1.047	-
	HpCB 396	24.52	*	no	*					*			
130 PCB 184	394	NotFnd	*	*	*	-0.00117			-0.00117	*	no	0.961	-
	HpCB 396	25.00	*	no	*					*			
131 PCB 176	394	NotFnd	*	*	*	-0.00109			-0.00109	*	no	1.027	-
	HpCB 396	25.31	*	no	*					*			
132 PCB 186	394	NotFnd	*	*	*	-0.00125			-0.00125	*	no	0.899	-
	HpCB 396	25.75	*	no	*					*			
133 PCB 178	394	NotFnd	*	*	*	-0.00156			-0.00156	*	no	0.722	-
	HpCB 396	27.01	*	no	*					*			
134 PCB 175	394	NotFnd	*	*	*	-0.00149			-0.00149	*	no	0.753	-
	HpCB 396	27.61	*	no	*					*			
<b>135 PCB 187</b>	<b>394</b>	<b>27.87</b>	<b>1791</b>	<b>1.17</b>	<b>3319</b>	<b>0.004103</b>			-0.00155	8	yes	0.723	-
	HpCB 396	27.88	1528	yes	*					7			
136 PCB 182	394	NotFnd	*	*	*	-0.0015			-0.0015	*	no	0.747	-
	HpCB 396	28.10	*	no	*					*			

137 PCB 183	394	NotFnd	*	*	*	-0.00105	-0.00105	*	no	1.162	-
	HpCB 396	28.50	*	no	*			*			
138 PCB 185	394	NotFnd	*	*	*	-0.00144	-0.00144	*	no	0.851	-
	HpCB 396	28.56	*	no	*			*			
139 PCB 174	394	NotFnd	*	*	*	-0.00126	-0.00126	*	no	0.97	-
	HpCB 396	28.72	*	no	*			*			
140 PCB 177	394	NotFnd	*	*	*	-0.0013	-0.0013	*	no	0.943	-
	HpCB 396	29.14	*	no	*			*			
141 PCB 181	394	NotFnd	*	*	*	-0.00137	-0.00137	*	no	0.892	-
	HpCB 396	29.56	*	no	*			*			
142 PCB 171/173	394	NotFnd	*	*	*	-0.00129	-0.00129	*	no	0.948	-
	HpCB 396	29.78	*	no	*			*			
143 PCB 172	394	NotFnd	*	*	*	-0.00129	-0.00129	*	no	0.95	-
	HpCB 396	31.42	*	no	*			*			
144 PCB 192	394	NotFnd	*	*	*	-0.00113	-0.00113	*	no	1.085	-
	HpCB 396	31.74	*	no	*			*			
145 PCB 193/180	394	32.11	2299	0.99	4622	0.003653	-0.00088	9	no	1.383	-
	HpCB 396	32.06	2323	yes	*			9			
146 PCB 191	394	NotFnd	*	*	*	-0.0009	-0.0009	*	no	1.352	-
	HpCB 396	32.48	*	no	*			*			
147 PCB 170	394	NotFnd	*	*	*	-0.00096	-0.00096	*	no	1.271	-
	HpCB 396	33.45	*	no	*			*			
148 PCB 190	394	NotFnd	*	*	*	-0.00091	-0.00091	*	no	1.345	-
	HpCB 396	34.02	*	no	*			*			
149 PCB 189	394	NotFnd	*	*	*	-0.00048	-0.00048	*	no	0.944	-
	HpCB 396	36.88	*	no	*			*			
150 PCB 202	428	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.988	-
	OcCB 430	29.27	*	no	*			*			
151 PCB 201	428	NotFnd	*	*	*	-0.00165	-0.00165	*	no	0.997	-
	OcCB 430	30.18	*	no	*			*			
152 PCB 204	428	NotFnd	*	*	*	-0.00171	-0.00171	*	no	0.962	-
	OcCB 430	30.88	*	no	*			*			
153 PCB 197	428	NotFnd	*	*	*	-0.00188	-0.00188	*	no	0.876	-
	OcCB 430	31.12	*	no	*			*			
154 PCB 200	428	NotFnd	*	*	*	-0.00164	-0.00164	*	no	1.006	-
	OcCB 430	31.24	*	no	*			*			
155 PCB 198/199	428	NotFnd	*	*	*	-0.00252	-0.00252	*	no	0.654	-
	OcCB 430	34.19	*	no	*			*			
156 PCB 196	428	NotFnd	*	*	*	-0.00244	-0.00244	*	no	0.674	-
	OcCB 430	34.92	*	no	*			*			
157 PCB 203	428	NotFnd	*	*	*	-0.0025	-0.0025	*	no	0.659	-
	OcCB 430	35.12	*	no	*			*			
158 PCB 195	428	NotFnd	*	*	*	-0.00153	-0.00153	*	no	1.005	-
	OcCB 430	36.59	*	no	*			*			
159 PCB 194	428	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.091	-
	OcCB 430	39.21	*	no	*			*			
160 PCB 205	428	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.091	-
	OcCB 430	39.77	*	no	*			*			
161 PCB 208	462	NotFnd	*	*	*	-0.00142	-0.00142	*	no	1.023	-
	NoCB 464	36.33	*	no	*			*			
162 PCB 207	462	NotFnd	*	*	*	-0.0011	-0.0011	*	no	1.32	-
	NoCB 464	37.34	*	no	*			*			
163 PCB 206	462	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.027	-
	NoCB 464	41.70	*	no	*			*			
164 PCB 209	498	43.56	19576	1.23	35507	0.058068	-0.00038	375	no	1.04	-
	DCB 500	43.54	15931	yes	*			363			
165 PCB 1L	200	8.98	178080	3.56	228160	0.121609	0	4365	no	0.824	62
	202	8.97	50080	yes	*			317			
166 PCB 3L	200	10.17	167307	3.49	215197	0.110855	0	4215	no	0.852	57
	202	10.16	47890	yes	*			310			
167 PCB 4L	234	10.28	66621	1.61	107954	0.087353	0	4001	no	0.543	45
	236	10.28	41333	yes	*			4660			
168 PCB 15L	234	12.93	226623	1.61	367121	0.150041	0	2193	no	1.074	77
	236	12.91	140498	yes	*			3102			
169 PCB 19L	268	11.68	69481	1.09	133357	0.101263	0.001	310	no	0.578	52
	270	11.65	63875	yes	*			471			
170 PCB 37L	268	16.68	205152	1.04	402689	0.19277	0.001	654	no	1.987	99
	270	16.67	197537	yes	*			819			
171 PCB 54L	302	13.06	65427	0.81	146518	0.107403	0	1319	no	1.297	55
	304	13.06	81091	yes	*			3005			
172 PCB 81L	302	21.41	154578	0.81	345683	0.18916	0	1092	no	1.738	97
	304	21.39	191104	yes	*			1766			
173 PCB 77L	302	21.85	148227	0.81	332448	0.188514	0	1011	no	1.677	97
	304	21.82	184221	yes	*			1664			
174 PCB 104L	338	15.92	96523	1.67	154318	0.144089	0	4029	no	1.156	74
	340	15.93	57796	yes	*			3896			
175 PCB 123L	338	23.49	206059	1.61	333905	0.18612	0	2311	no	1.936	96
	340	23.50	127846	yes	*			3142			
176 PCB 118L	338	23.77	202836	1.6	329870	0.186771	0	2257	no	1.906	96
	340	23.76	127034	yes	*			3221			
177 PCB 114L	338	24.25	188980	1.64	303954	0.185005	0	2062	no	1.773	95
	340	24.25	114974	yes	*			2784			
178 PCB 105L	338	24.81	194896	1.58	318436	0.188547	0	2080	no	1.822	97
	340	24.81	123540	yes	*			2943			
179 PCB 126L	338	27.69	187490	1.65	300818	0.187037	0	1880	no	1.735	96
	340	27.67	113328	yes	*			2532			
180 PCB 155L	372	19.61	95797	1.28	170399	0.131391	0	12215	no	1.404	67
	374	19.61	74601	yes	*			9418			
181 PCB 167L	372	29.50	190184	1.28	338644	0.173704	0	2909	no	2.11	89
	374	29.49	148460	yes	*			2132			
182 PCB 156L/157L	372	30.68	360159	1.28	642079	0.361743	0	4469	no	1.921	93
	374	30.69	281920	yes	*			3277			
183 PCB 169L	372	34.08	129622	1.29	230058	0.131994	0	1831	no	1.886	68
	374	34.06	100437	yes	*			1310			

184 PCB 188L	406	24.20	94103	1.1	179809	0.146379						
	408	24.21	85706	yes			0	2943	no	1.329	75	
185 PCB 180L	406	32.09	92702	1.09	178177	0.145182		3967				
	408	32.09	85474	yes			0	3665	no	1.349	75	
186 PCB 170L	406	33.42	82257	1.07	159479	0.148493		1545				
	408	33.42	77223	yes			0	3196	no	1.18	76	
187 PCB 189L	406	36.84	181937	1.06	353614	0.180117		1353				
	408	36.83	171678	yes			0	4461	no	2.157	93	
188 PCB 202L	440	29.25	79144	0.92	165376	0.128022		3635				
	442	29.27	86232	yes			0	4017	no	1.419	66	
189 PCB 205L	440	39.73	115053	0.92	240112	0.172299		2642				
	442	39.73	125058	yes			0	1958	no	1.531	88	
190 PCB 208L	474	36.29	67131	0.78	153240	0.147781		3178				
	476	36.28	86109	yes			0	2204	no	1.139	76	
191 PCB 206L	474	41.70	49481	0.76	114593	0.16578		3903				
	476	41.73	65112	yes			0	1535	no	0.76	85	
192 PCB 209L	510	43.54	62890	1.22	114498	0.173699		2879				
	512	43.53	51607	yes			0	3428	no	0.724	89	
193 PCB 28L	268	14.41	235953	1.06	459457	0.214256		3965				
PCB Cleanup Standard	270	14.41	223504	yes			0.001	846	no	2.039	110	
194 PCB 111L	338	21.83	145797	1.62	235824	0.18947		1040				
PCB Cleanup Standard	340	21.84	90027	yes			0	3417	no	1.343	97	
195 PCB 178L	406	26.98	62268	1.07	120508	0.177941		3757				
PCB Cleanup Standard	408	26.97	58240	yes			0	1868	no	0.733	91	
196 PCB 31L	268	NotFnd	*	*	*			2564				
PCB Audit Standard	270	14.24	*	no			0.001		no	1.934		
197 PCB 95L	338	NotFnd	*	*	*							
PCB Audit Standard	340	17.73	*	no			0		no	0.946		
198 PCB 153L	372	NotFnd	*	*	*							
PCB Audit Standard	374	25.40	*	no			0		no	1.225		
199 PCB 9L	234	11.17	1365916	1.6	2217298	11.08019						
PCB Recovery Standard	236	11.19	851382	yes			-	14339	no	-	-	
200 PCB 52L	302	15.35	457406	0.81	1023762	7.907168		20734				
PCB Recovery Standard	304	15.36	566356	yes			-	8832	no	-	-	
201 PCB 101L	338	19.77	557943	1.62	902250	8.008587		14985				
PCB Recovery Standard	340	19.76	344308	yes			-	13708	no	-	-	
202 PCB 138L	372	26.57	508063	1.3	899602	8.14677		15273				
PCB Recovery Standard	374	26.56	391539	yes			-	13423	no	-	-	
203 PCB 194L	440	39.18	427437	0.93	886006	7.989509		15696				
PCB Recovery Standard	442	39.17	458568	yes			-	7137	no	-	-	
								11517				
Chlorobiphenyls												
Dichlorobiphenyls								-0.00061	0			
Trichlorobiphenyls								0.009181	1			
Tetrachlorobiphenyls								0.01379	6			
Pentachlorobiphenyls								0.011613	4			
Hexachlorobiphenyls								-0.00251	4			
Heptachlorobiphenyls								0.018247	8			
Octachlorobiphenyls								-0.00118	4			
Nonachlorobiphenyls								-0.00273	2			
Decachlorobiphenyl								-0.00156	0			
PCB (total)								-0.00252	0			
								-0.00142	0			
								0.058068	1			
								0.146027	1			

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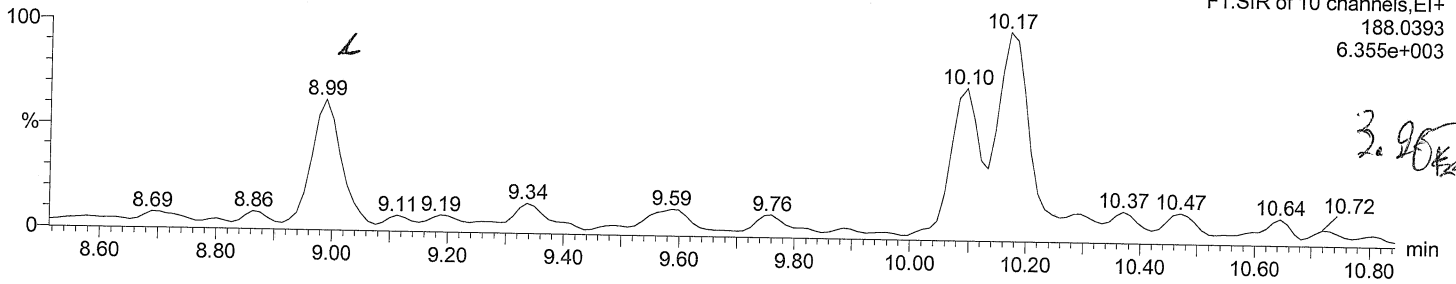
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Vial: 6  
Date: 18-FEB-2016  
Time: 22:38:24

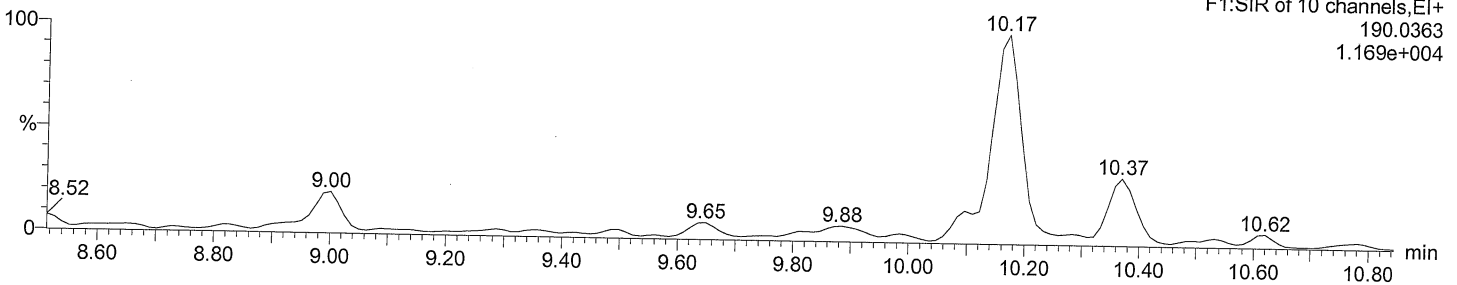
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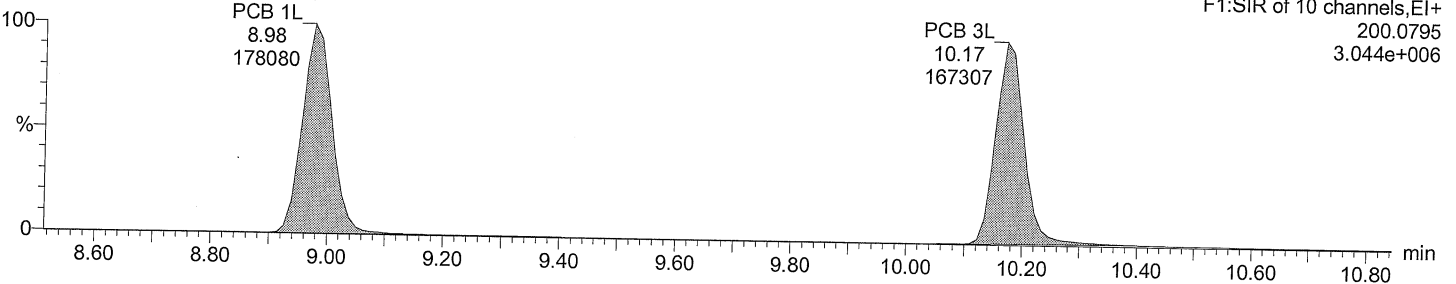
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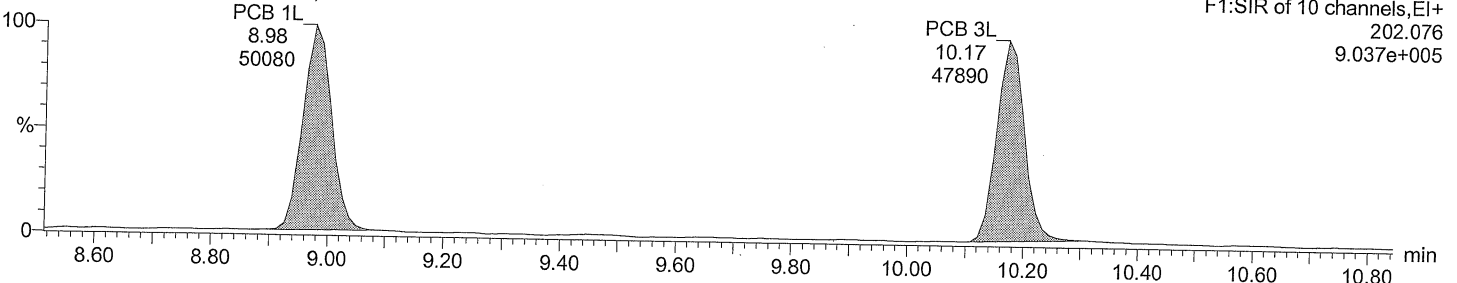
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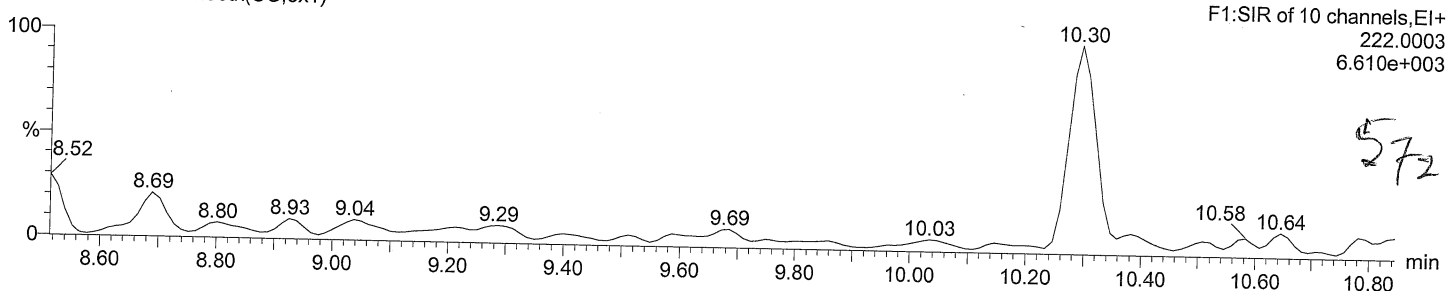
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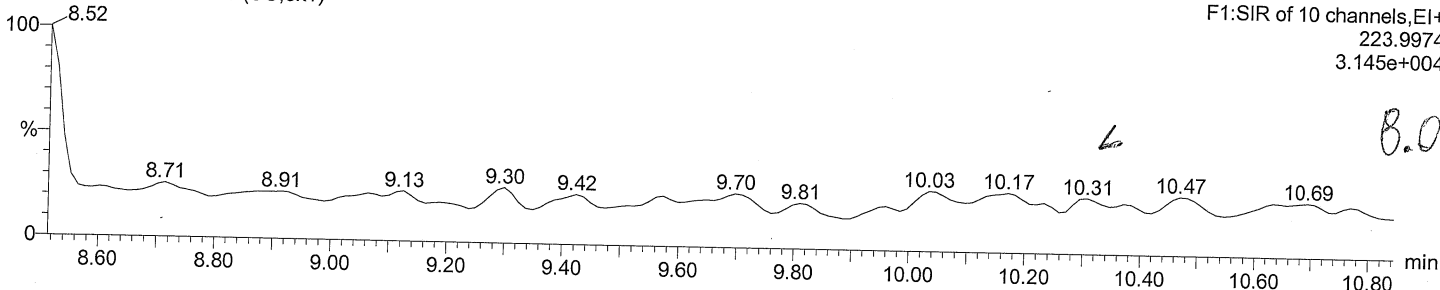
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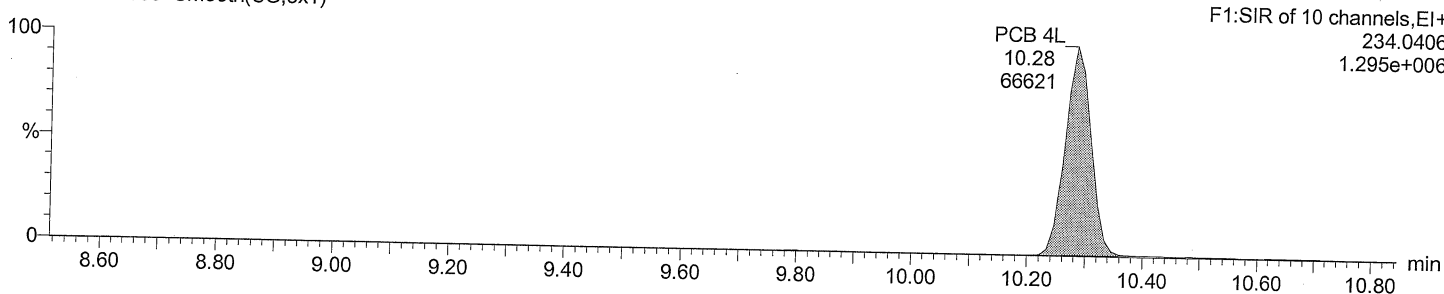
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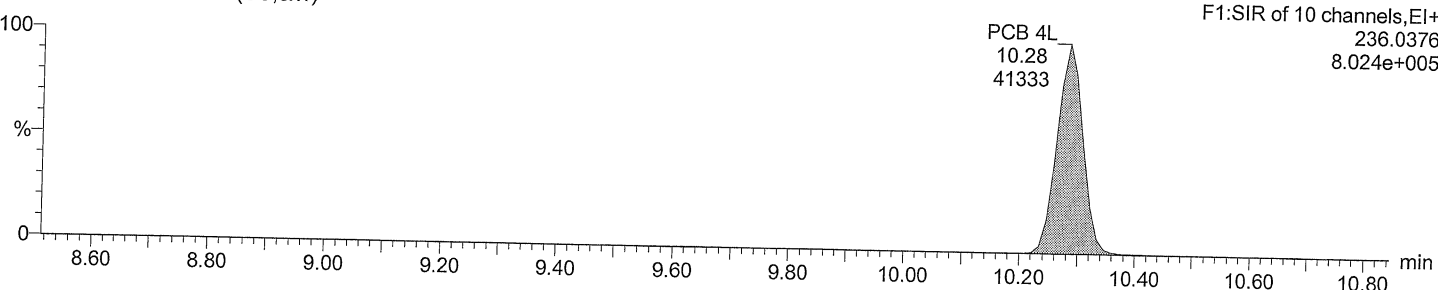
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Total DiCB labeled F1

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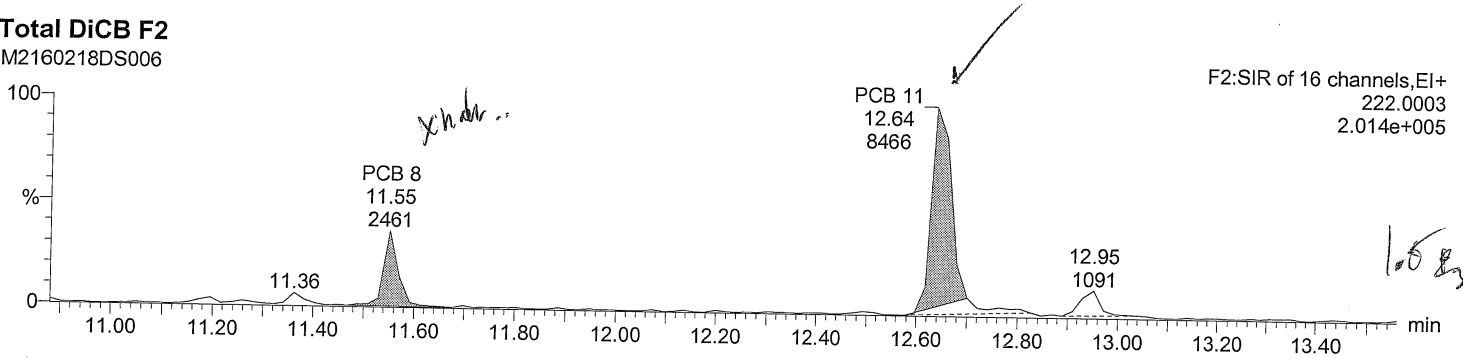
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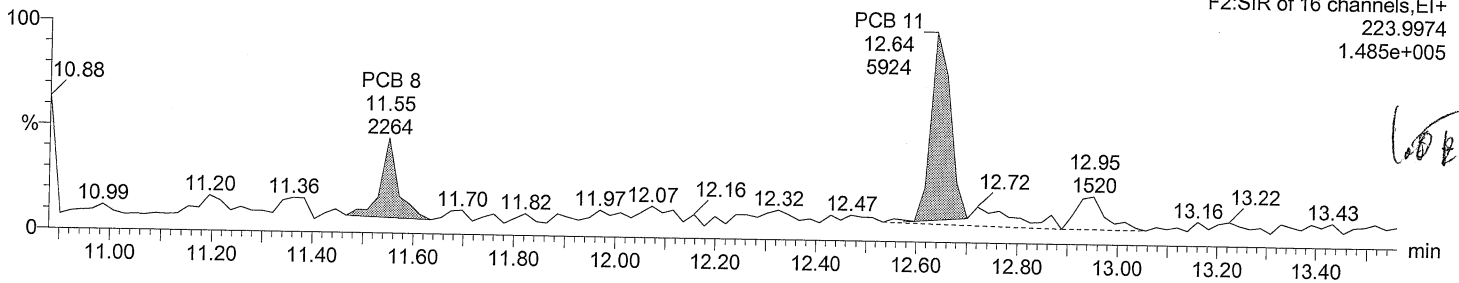
Total DiCB F2

M2160218DS006



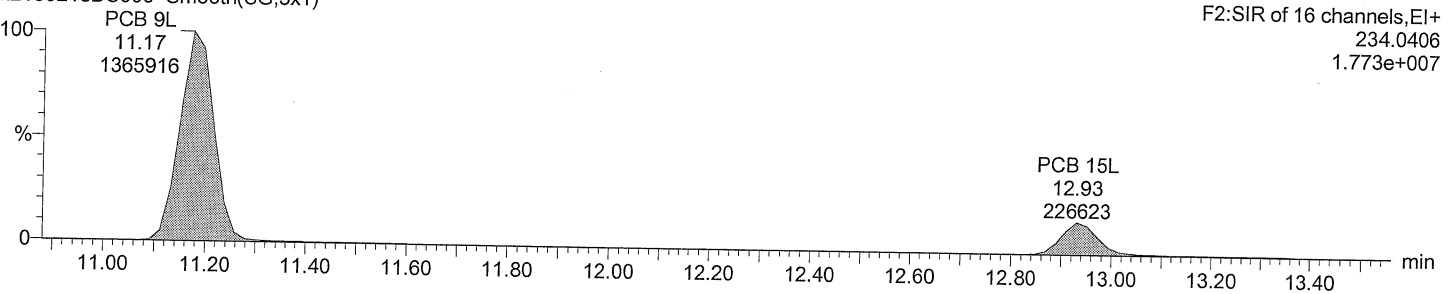
Total DiCB F2

M2160218DS006



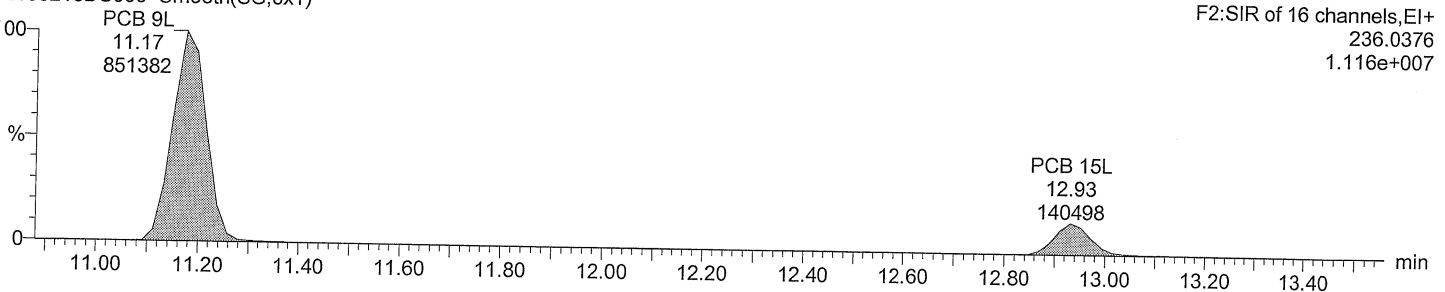
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M2160218DS006 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS006 Smooth(SG,3x1)



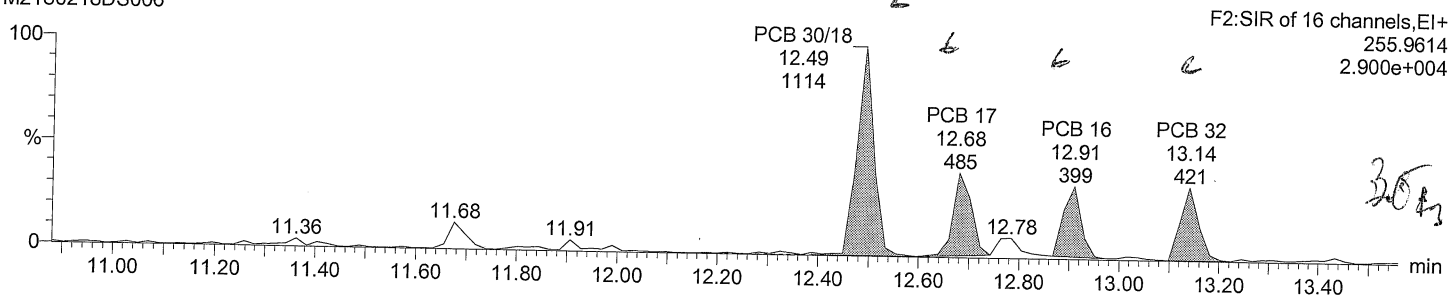
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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Date: 18-FEB-2016  
Time: 22:38:24

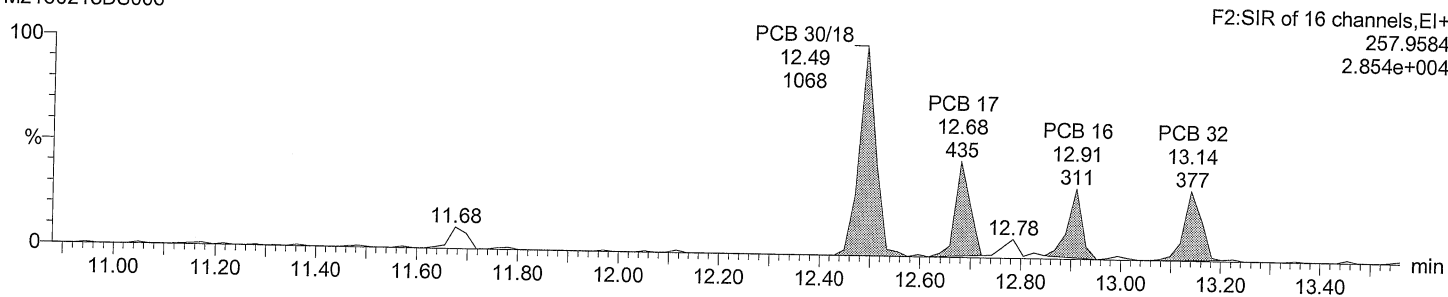
Total TriCB F2

M2160218DS006



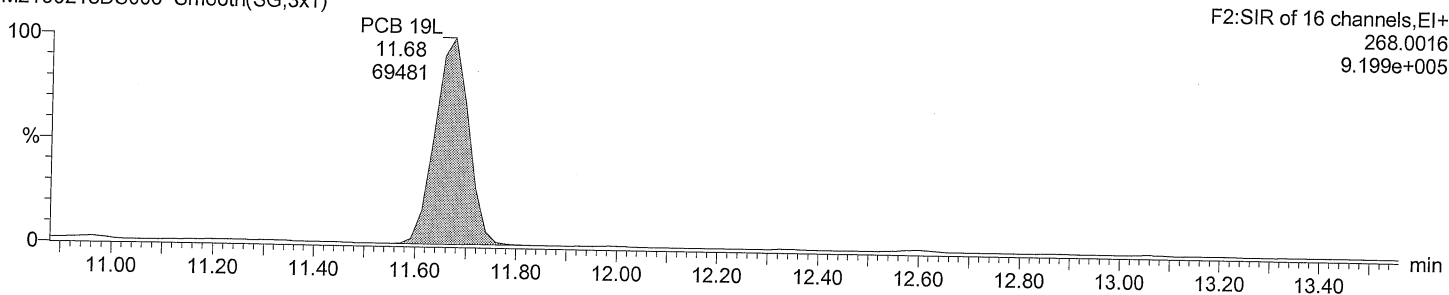
Total TriCB F2

M2160218DS006



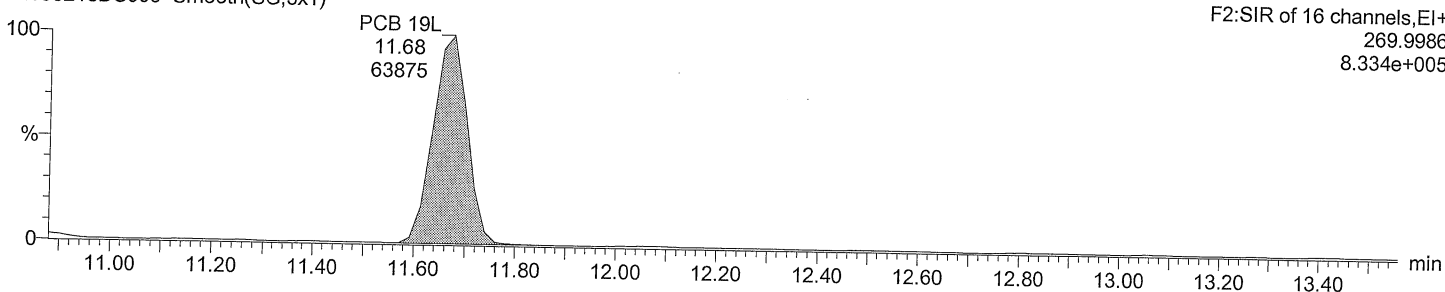
Total TriCB labeled F2

M2160218DS006 Smooth(SG,3x1)



Total TriCB labeled F2

M2160218DS006 Smooth(SG,3x1)



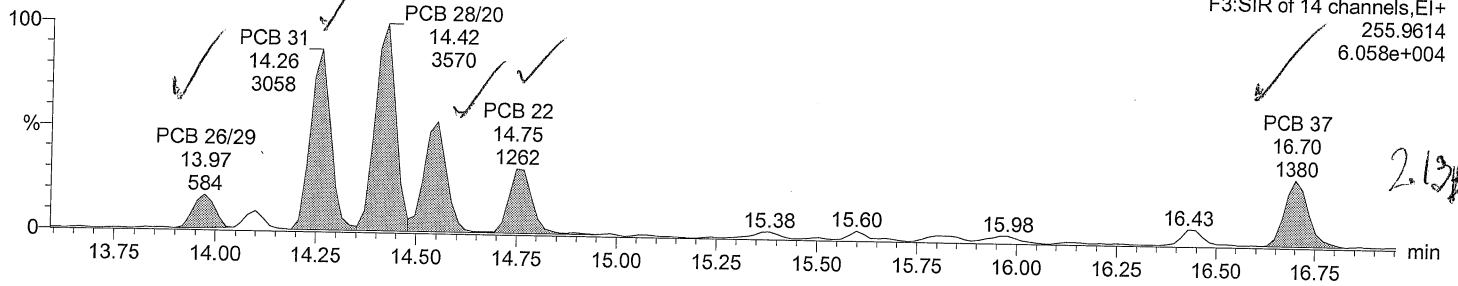
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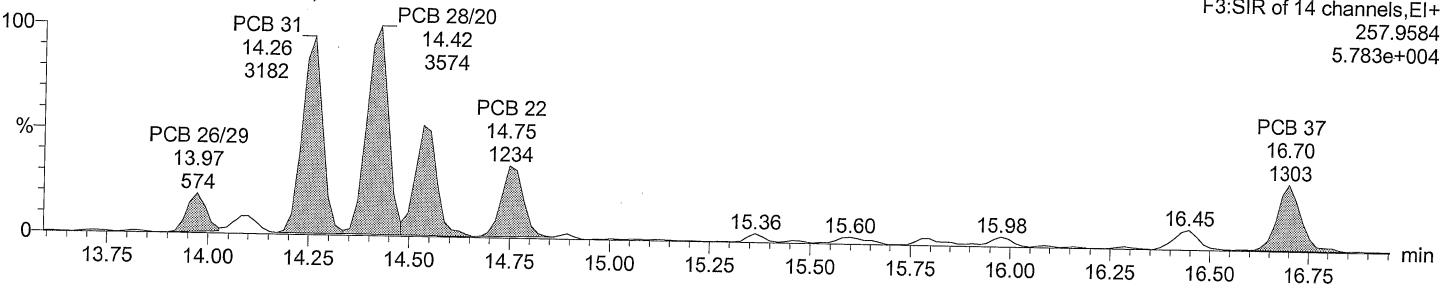
Total TriCB F3

M2160218DS006 Smooth(SG,1x1)



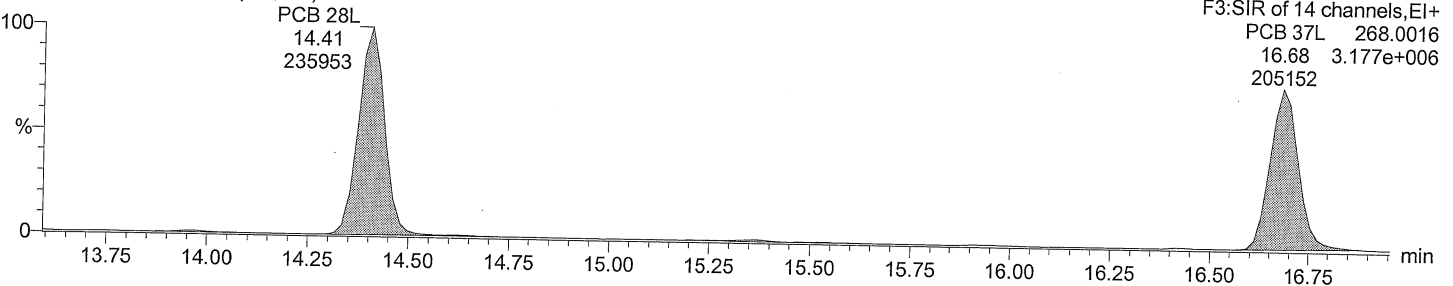
Total TriCB F3

M2160218DS006 Smooth(SG,1x1)



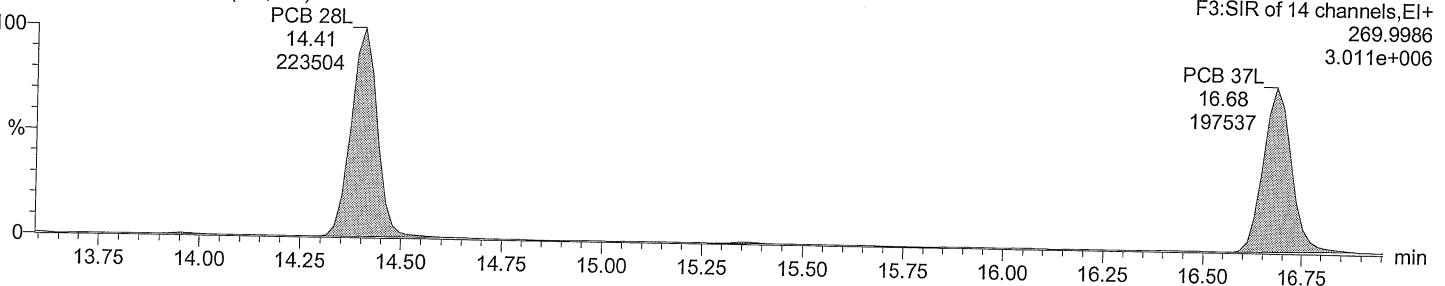
Total TriCB labeled F3

M2160218DS006 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS006 Smooth(SG,3x1)



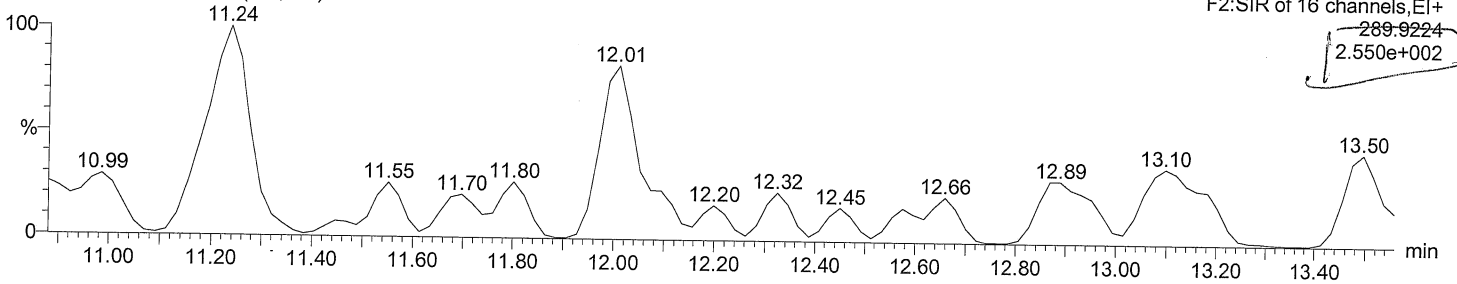
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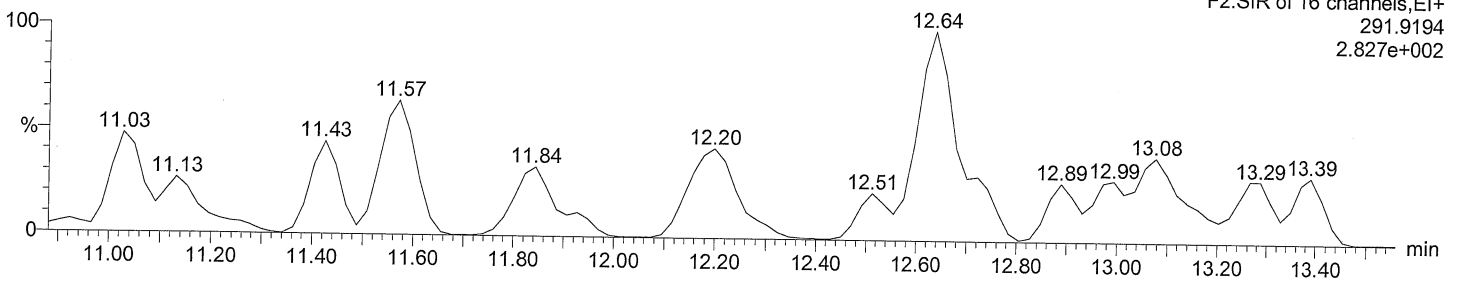
Total TeCB F2

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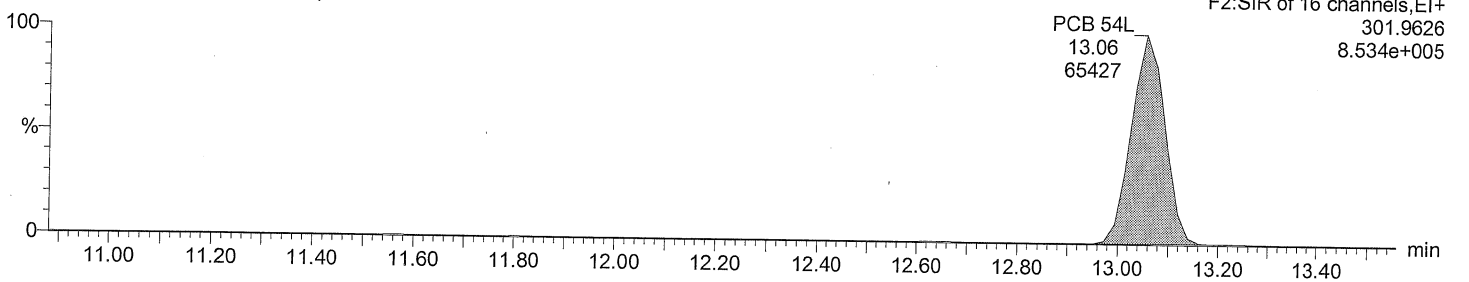
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M2160218DS006 Smooth(SG,3x1)



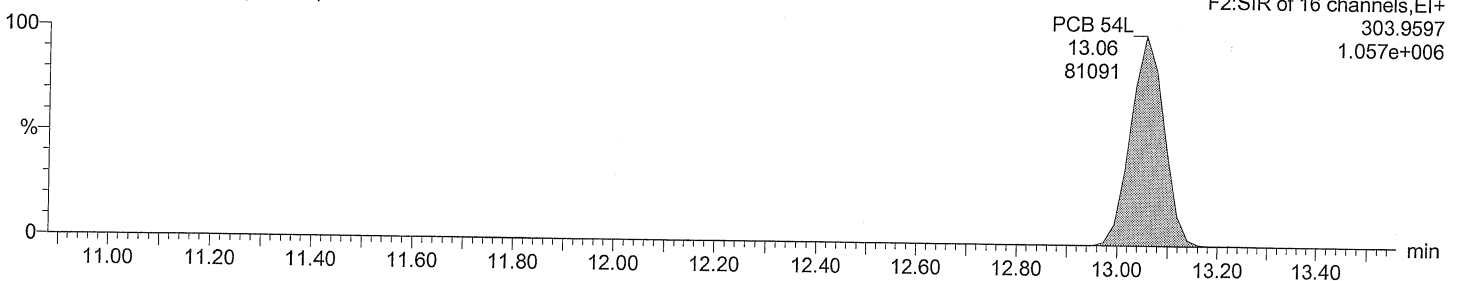
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M2160218DS006 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS006 Smooth(SG,3x1)



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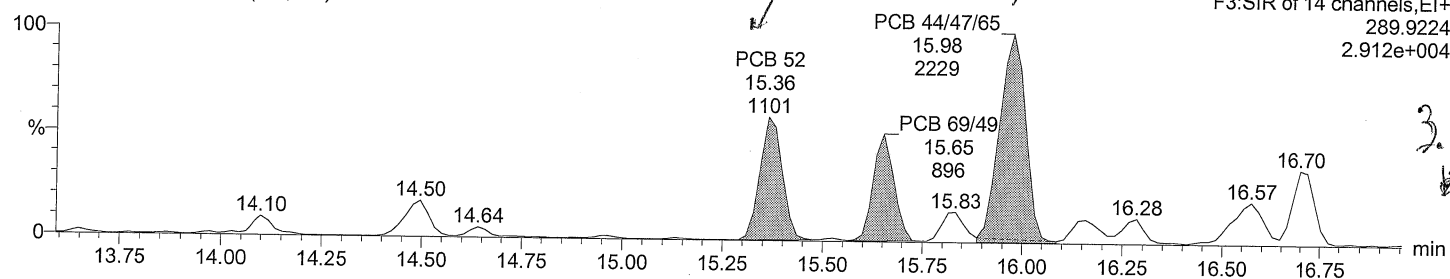
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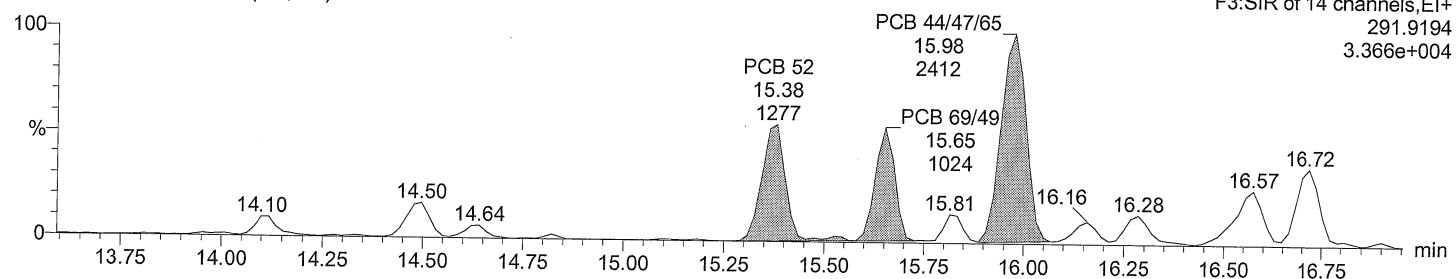
Total TeCB F3

M2160218DS006 Smooth(SG,1x1)



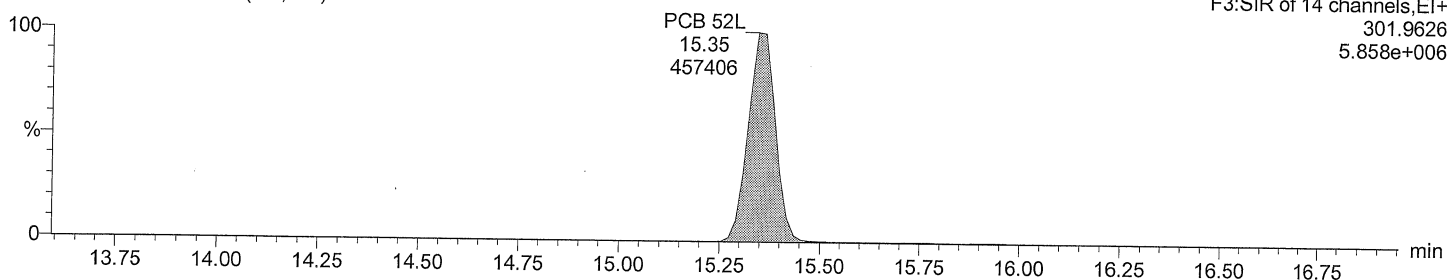
Total TeCB F3

M2160218DS006 Smooth(SG,1x1)



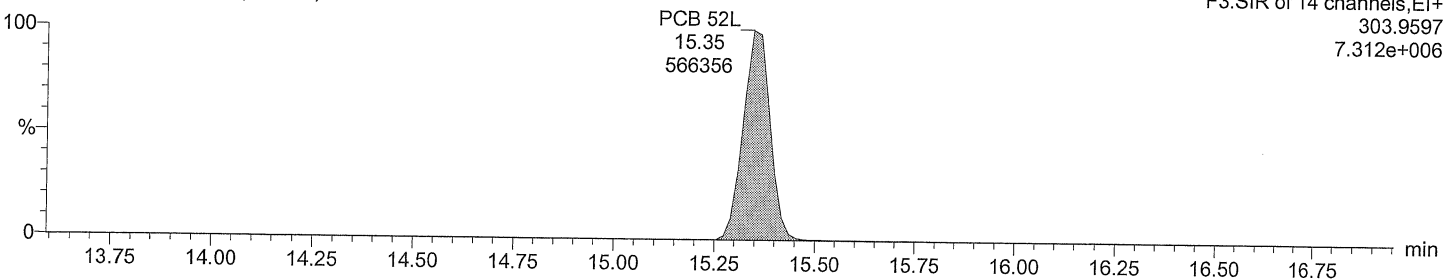
Total TeCB labeled F3

M2160218DS006 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS006 Smooth(SG,3x1)

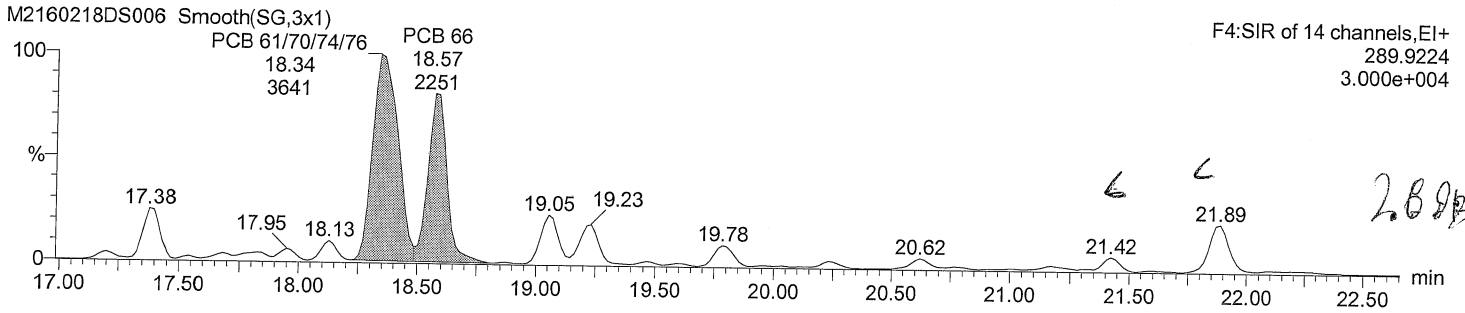


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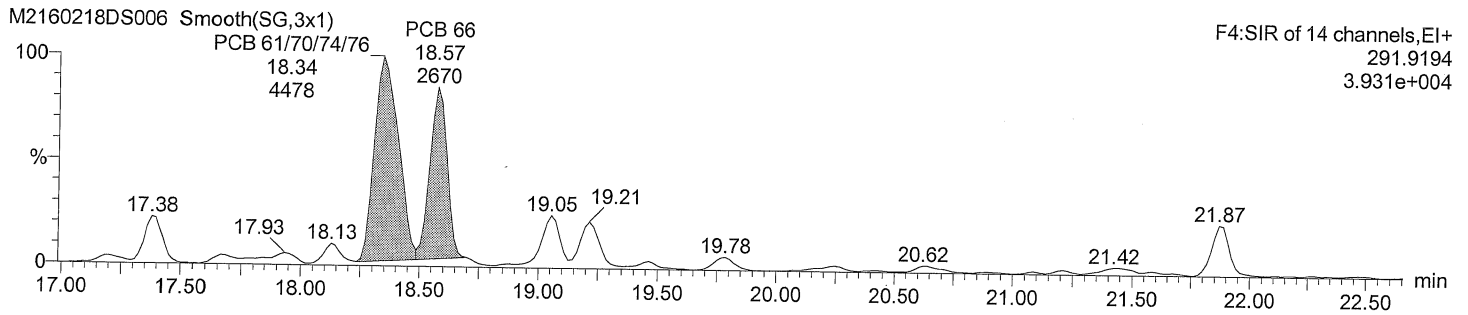
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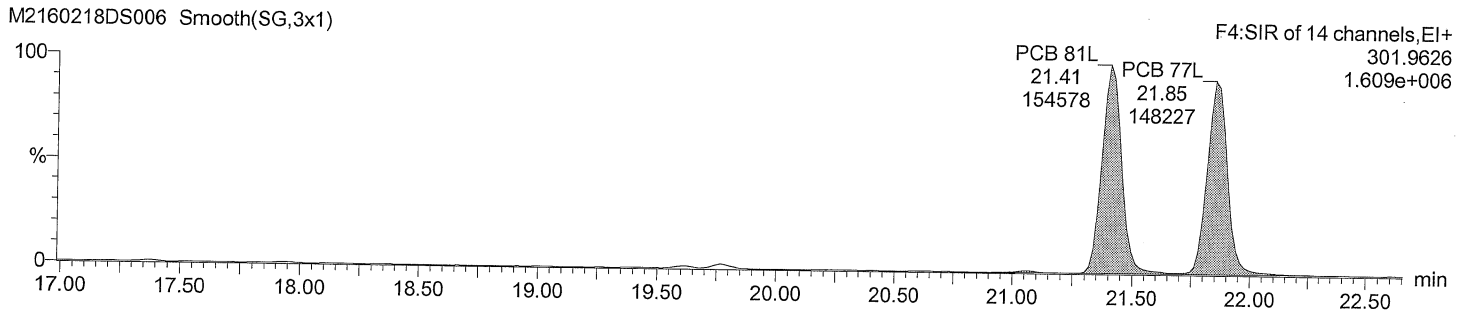
Total TeCB F4



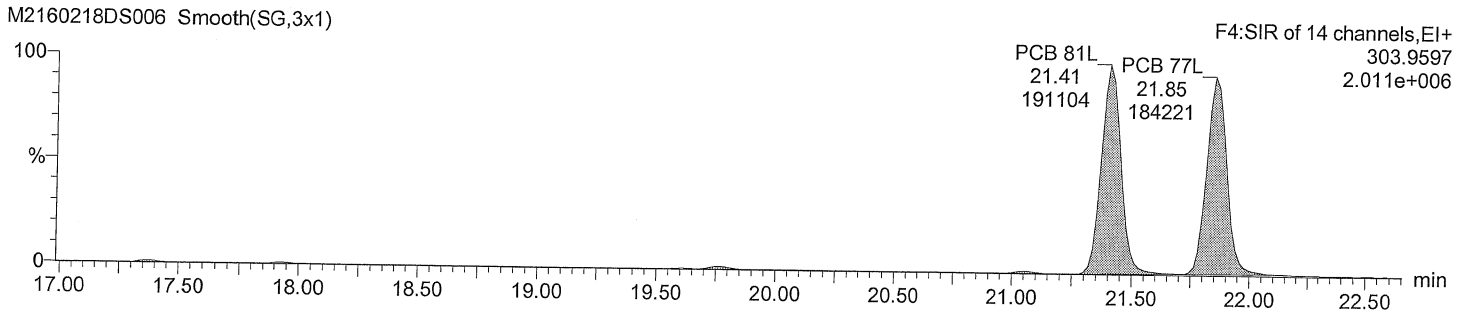
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



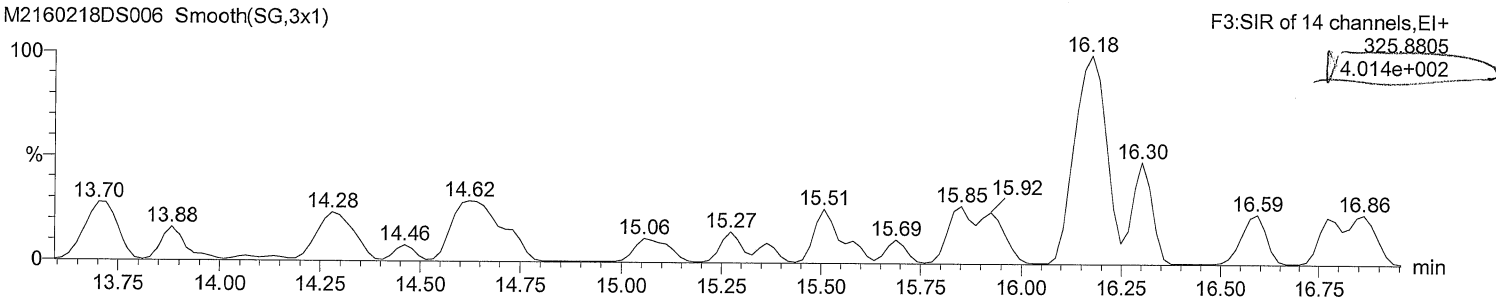
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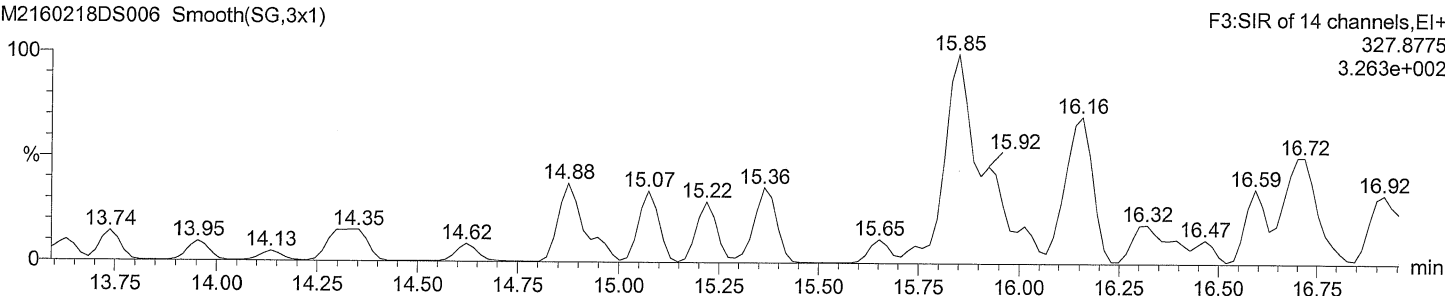
**Total PeCB F3**

M2160218DS006 Smooth(SG,3x1)



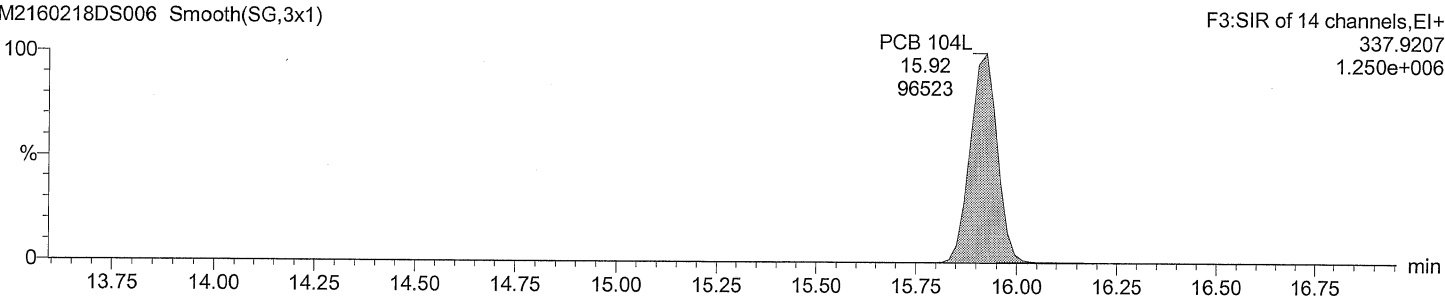
**Total PeCB F3**

M2160218DS006 Smooth(SG,3x1)



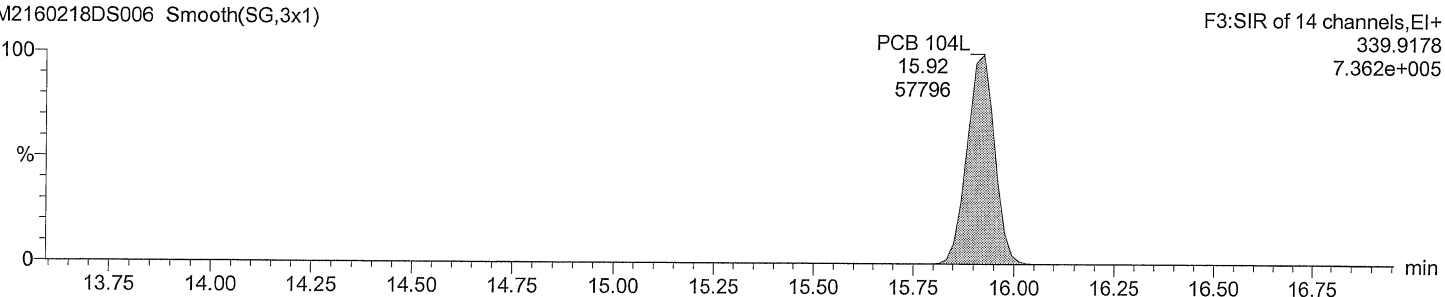
**Total PeCB labeled F3**

M2160218DS006 Smooth(SG,3x1)



**Total PeCB labeled F3**

M2160218DS006 Smooth(SG,3x1)



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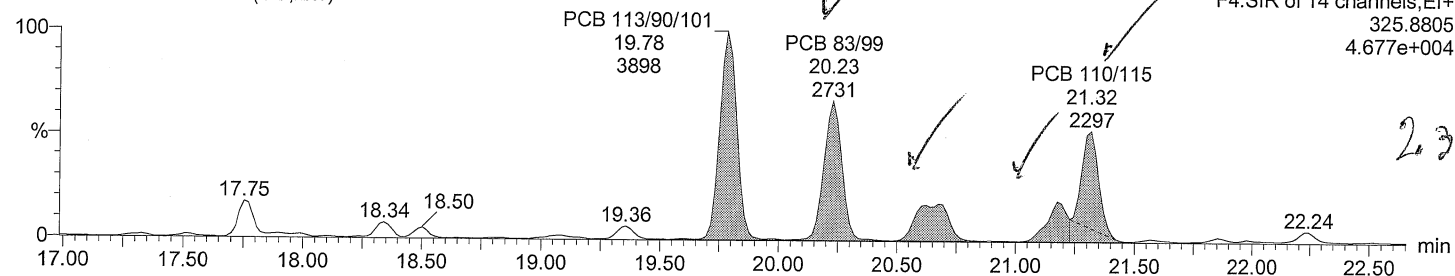
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Total PeCB F4

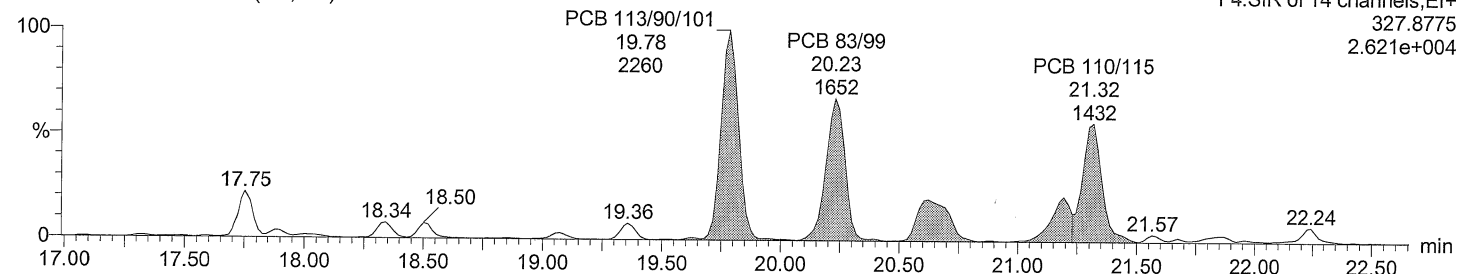
M2160218DS006 Smooth(SG,2x1)



2.37

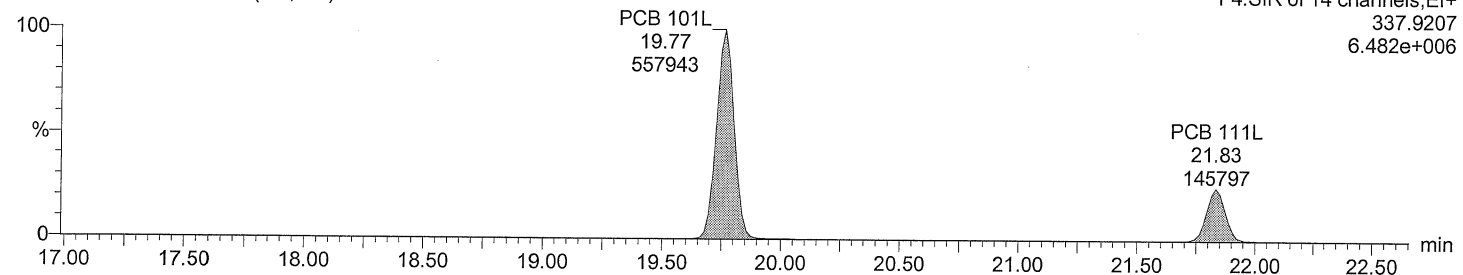
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M2160218DS006 Smooth(SG,2x1)



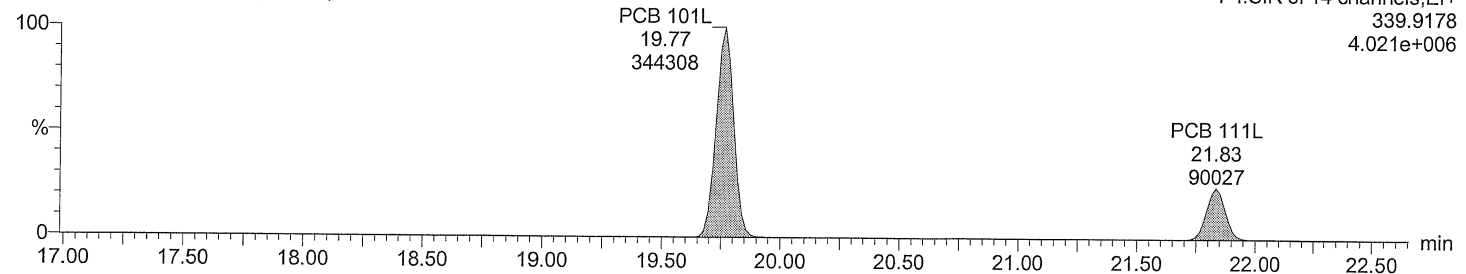
Total PeCB labeled F4

M2160218DS006 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS006 Smooth(SG,3x1)





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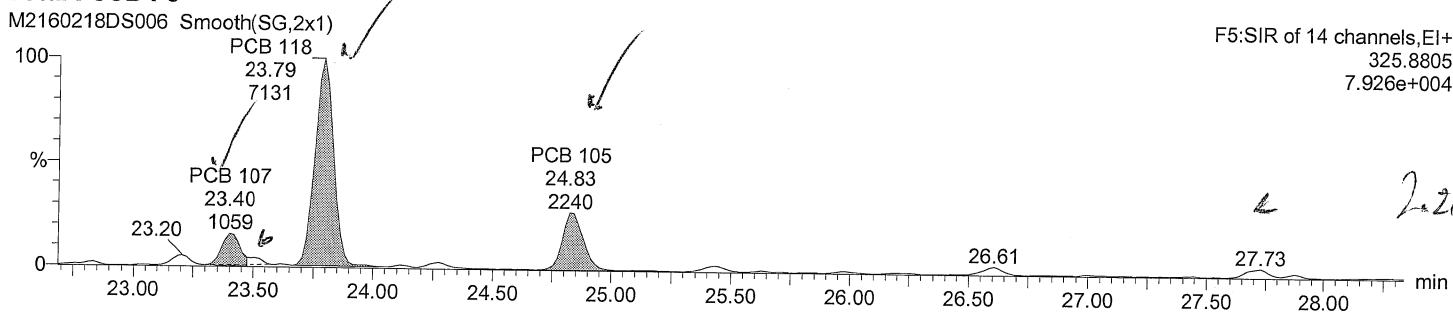
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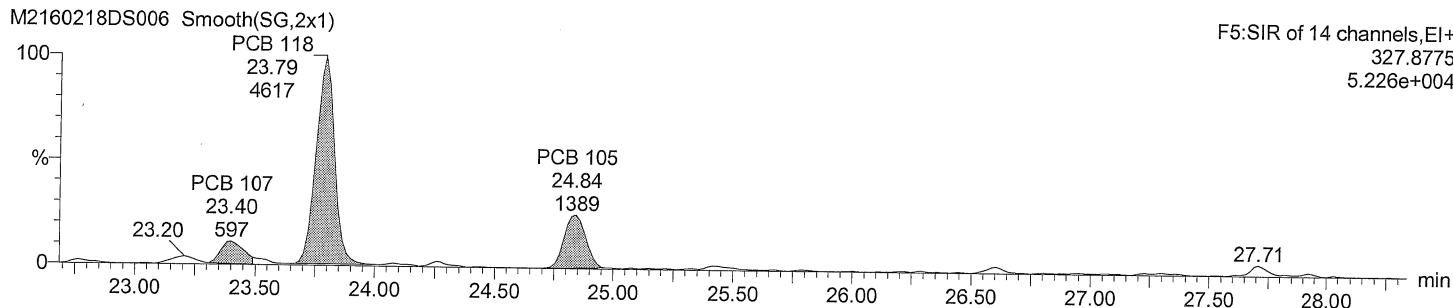
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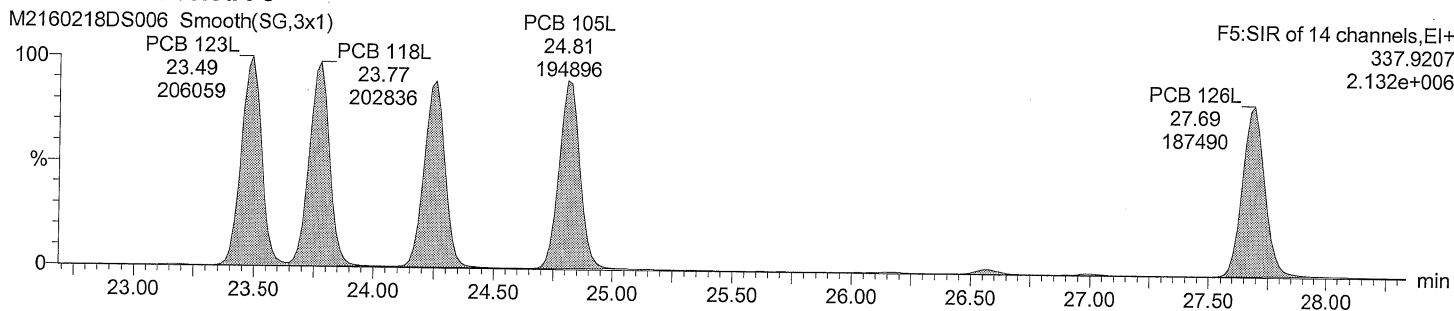
Total PeCB F5



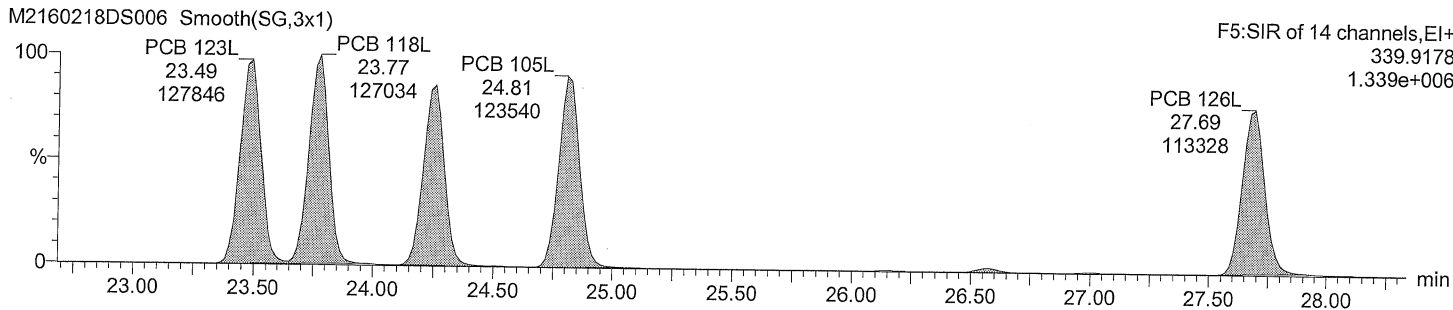
Total PeCB F5



Total PeCB labeled F5



Total PeCB labeled F5

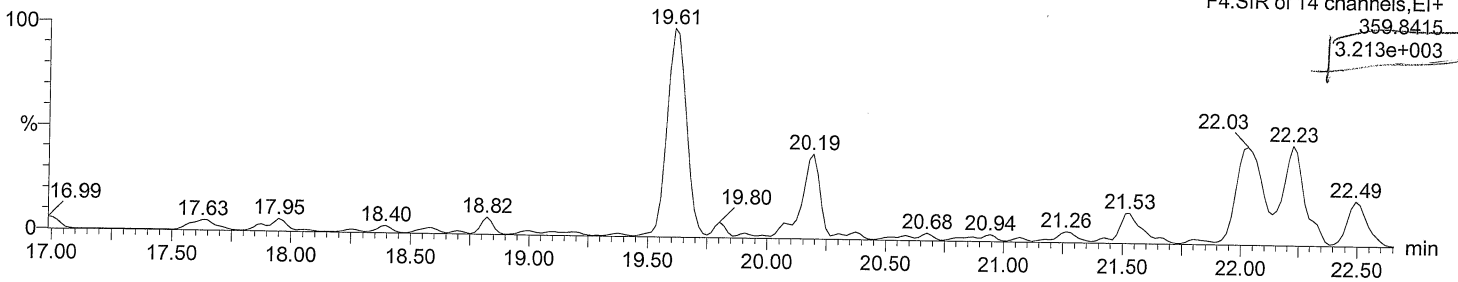


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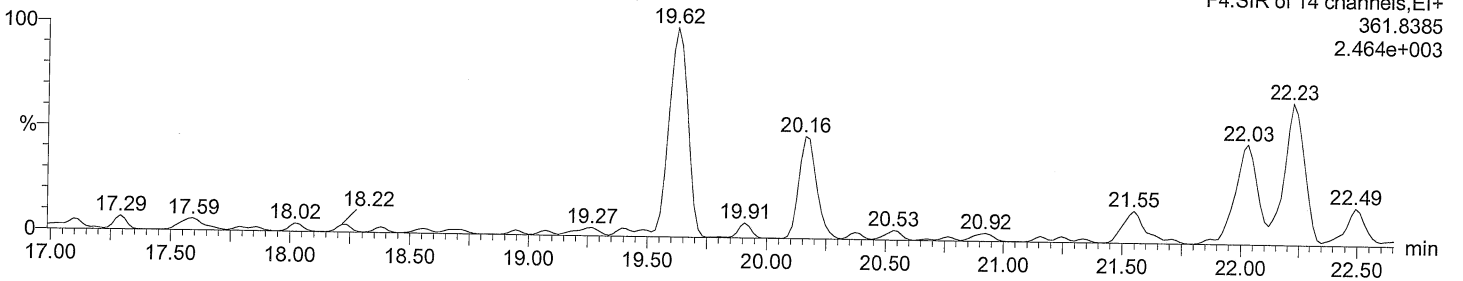
**Total HxCB F4**

M2160218DS006 Smooth(SG,3x1)



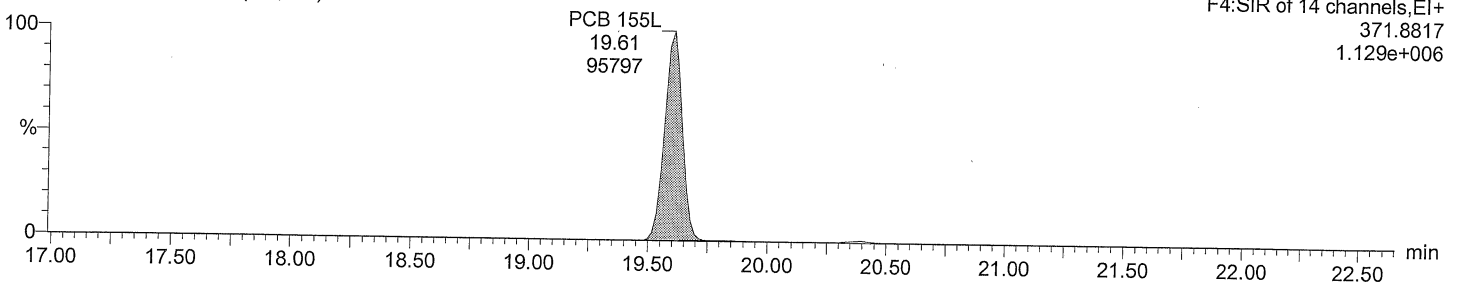
**Total HxCB F4**

M2160218DS006 Smooth(SG,3x1)



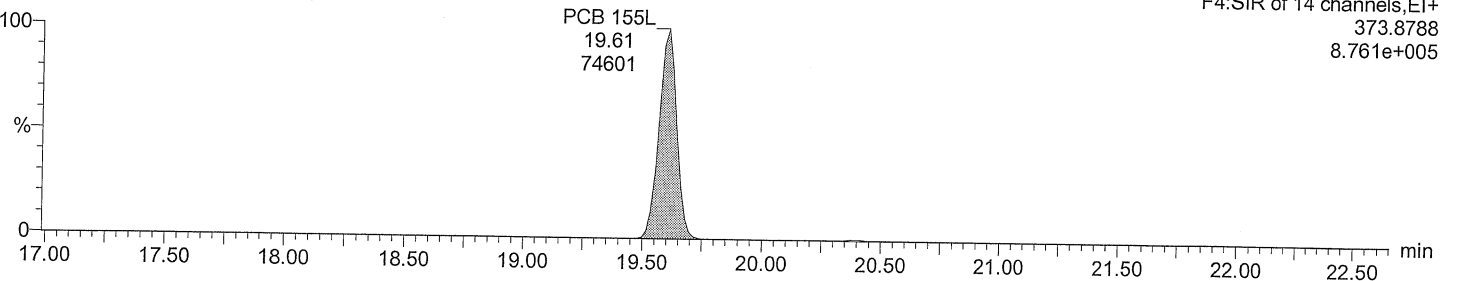
**Total HxCB labeled F4**

M2160218DS006 Smooth(SG,3x1)



**Total HxCB labeled F4**

M2160218DS006 Smooth(SG,3x1)



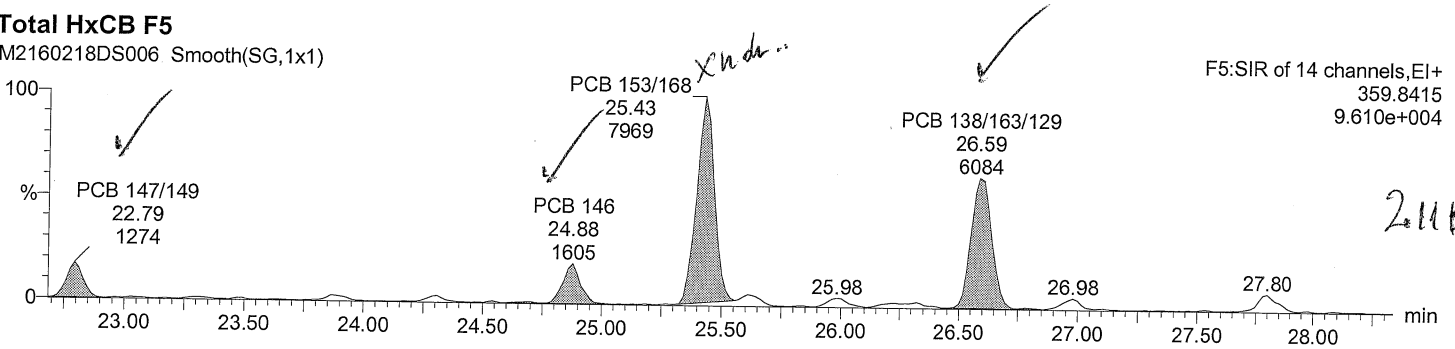
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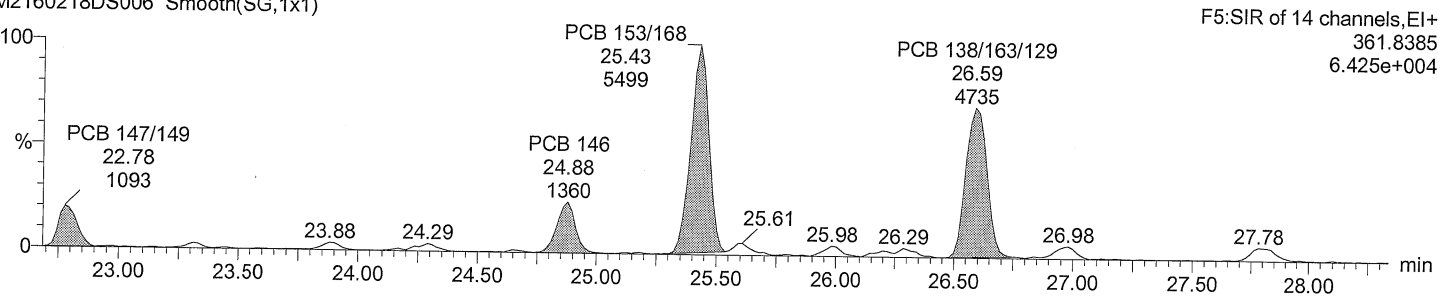
Total HxCB F5

M2160218DS006 Smooth(SG,1x1)



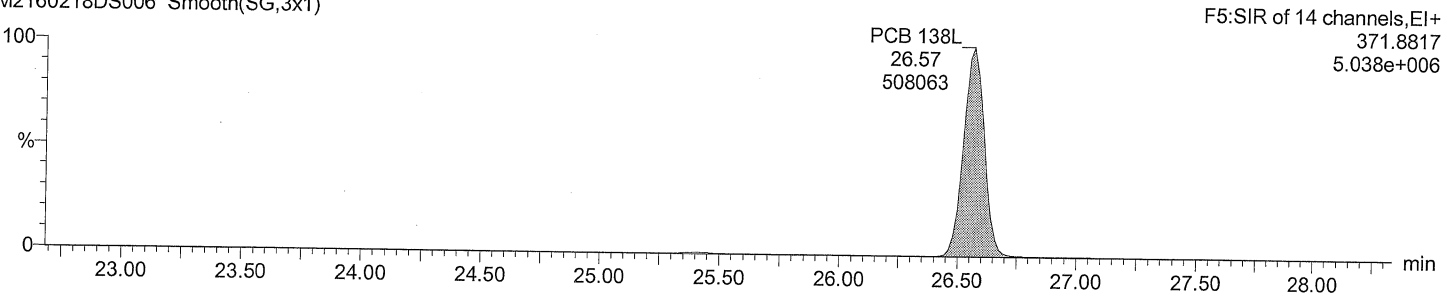
Total HxCB F5

M2160218DS006 Smooth(SG,1x1)



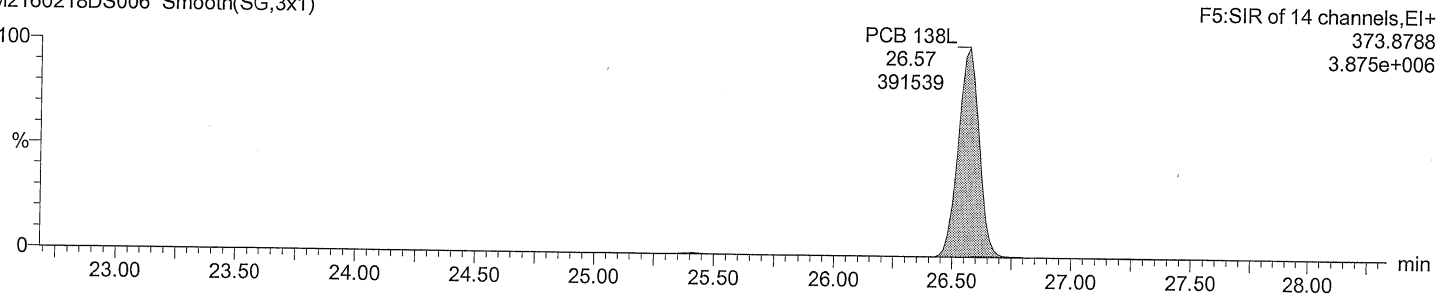
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M2160218DS006 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS006 Smooth(SG,3x1)



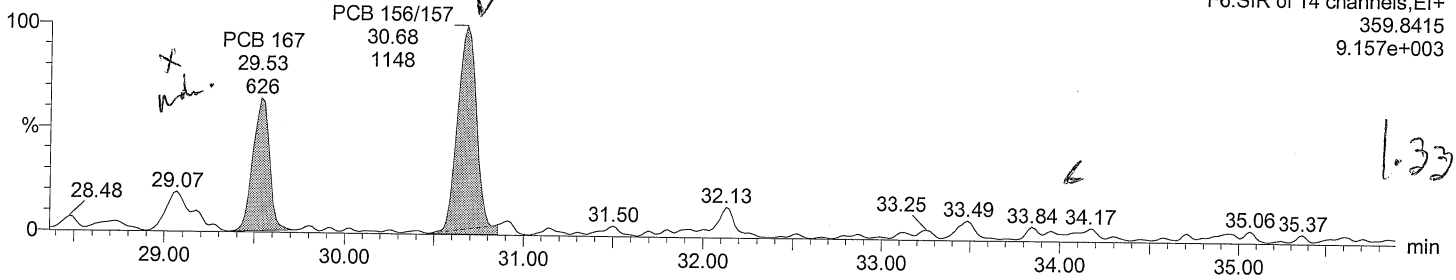
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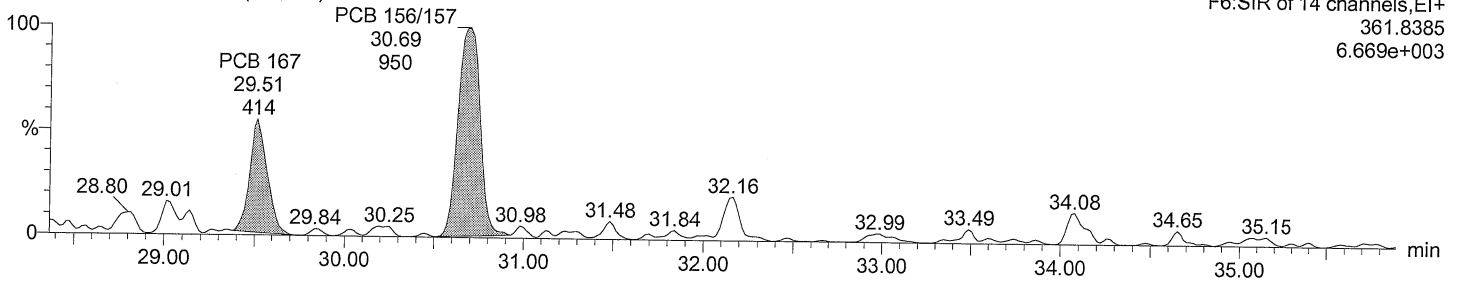
Total HxCB F6

M2160218DS006 Smooth(SG,3x1)



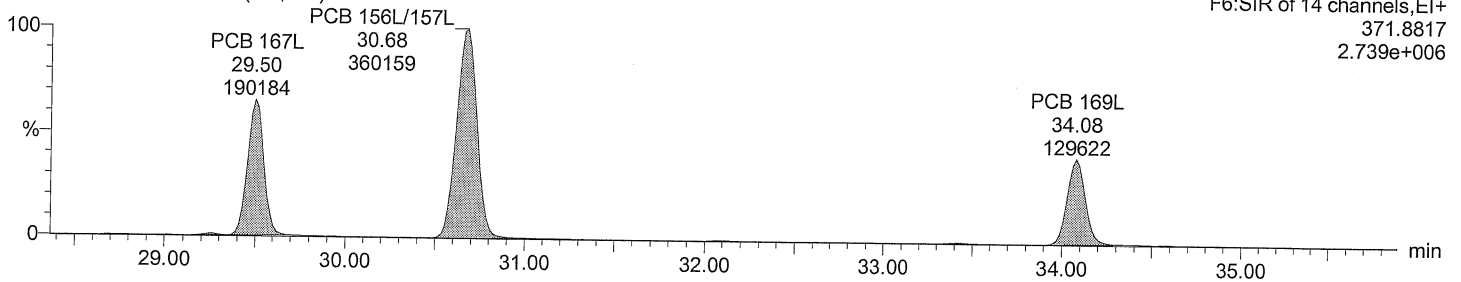
Total HxCB F6

M2160218DS006 Smooth(SG,3x1)



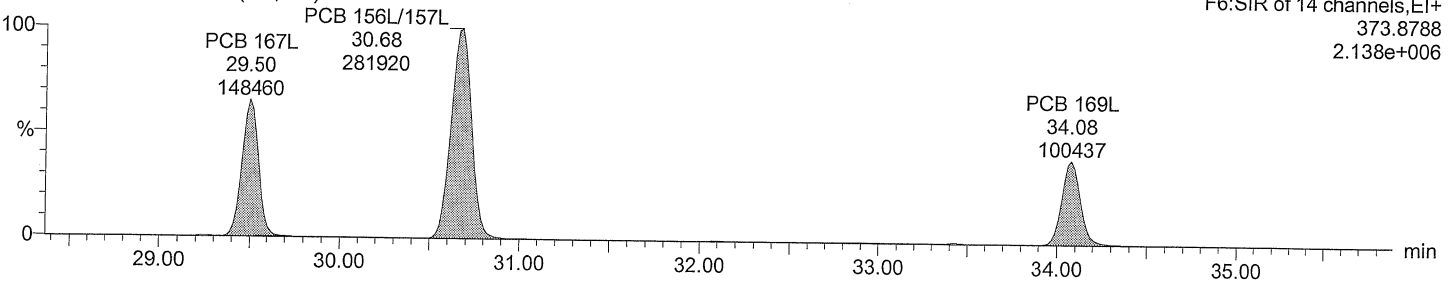
Total HxCB labeled F6

M2160218DS006 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS006 Smooth(SG,3x1)



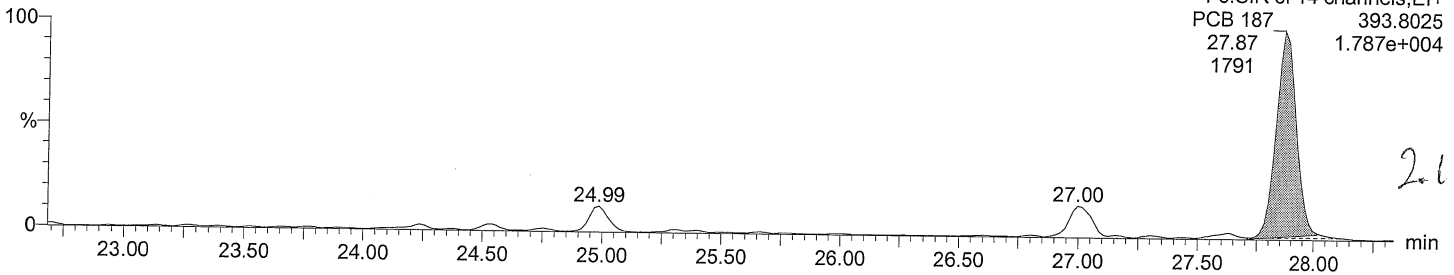
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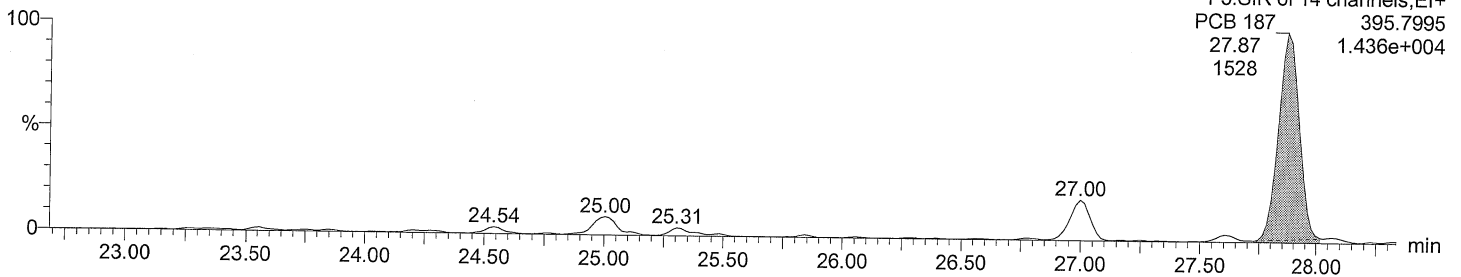
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M2160218DS006 Smooth(SG,3x1)



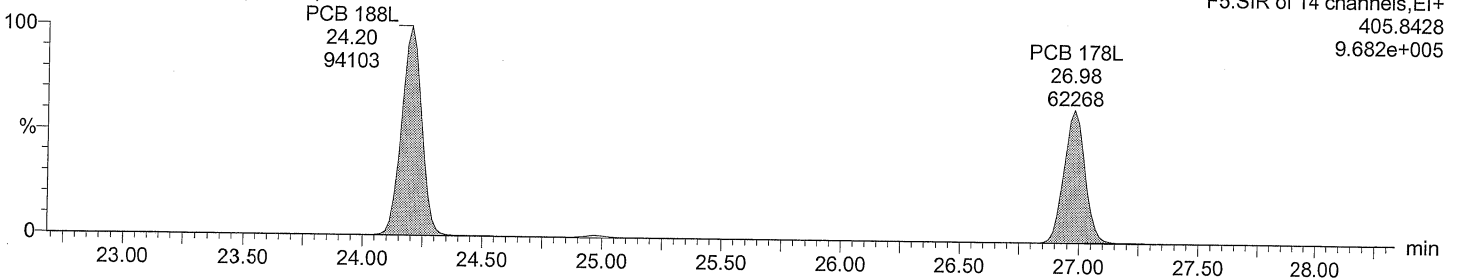
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M2160218DS006 Smooth(SG,3x1)



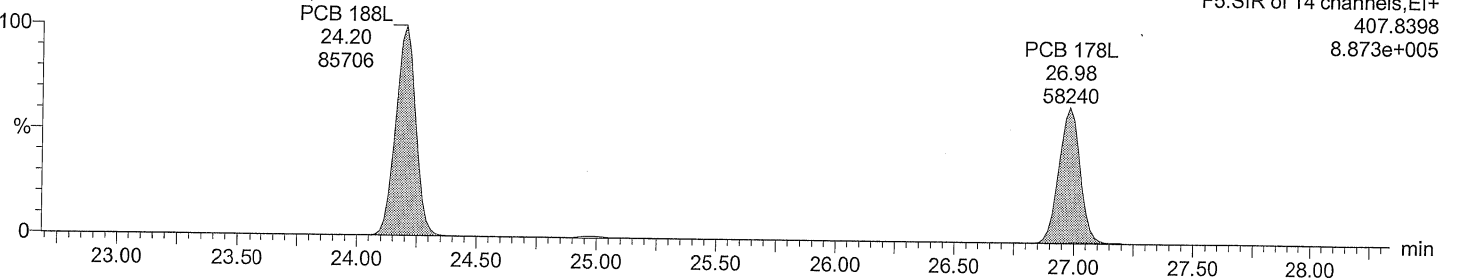
Total HpCB labeled F5

M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS006 Smooth(SG,3x1)



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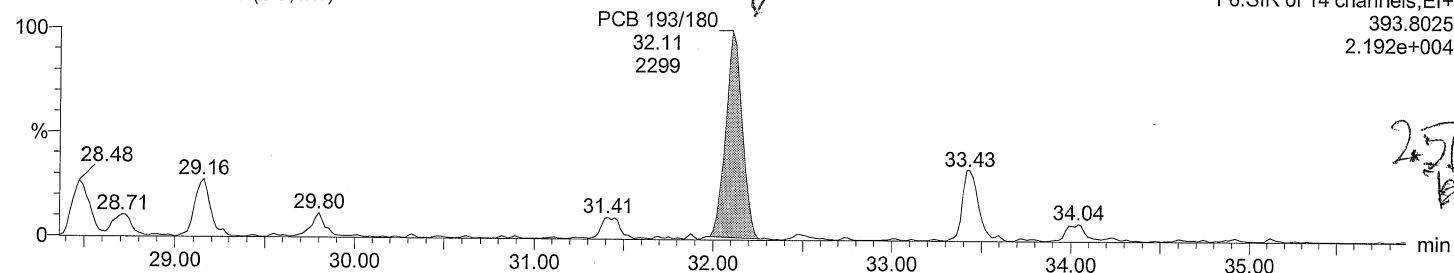
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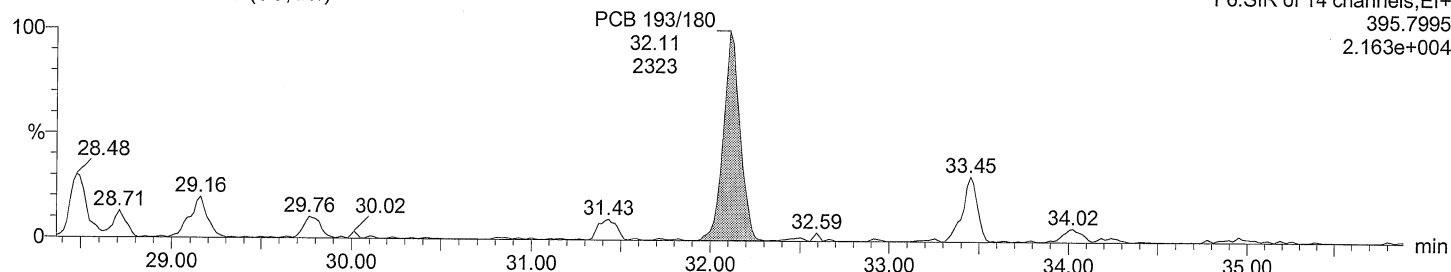
Total HpCB F6

M2160218DS006 Smooth(SG,1x1)



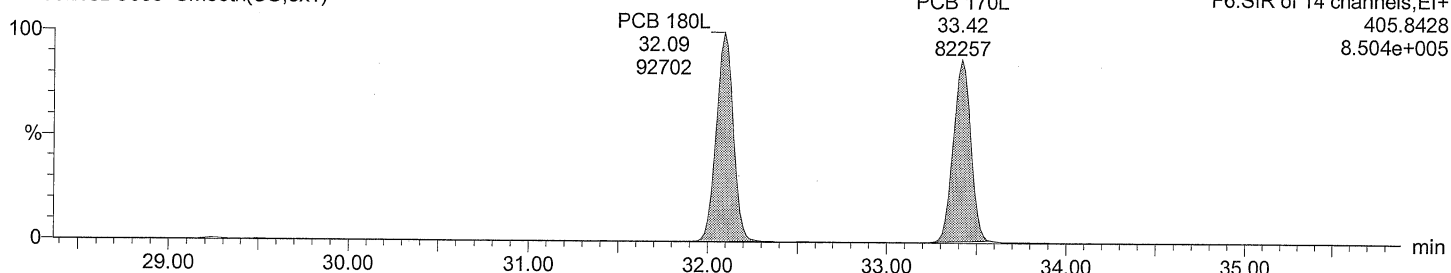
Total HpCB F6

M2160218DS006 Smooth(SG,1x1)



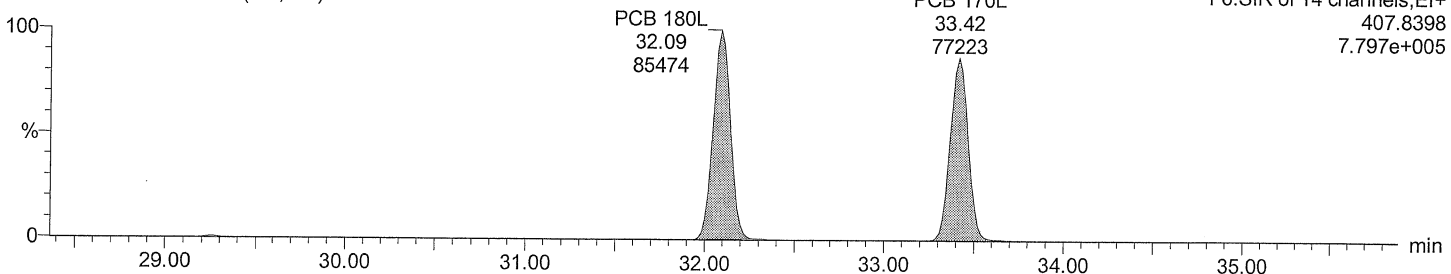
Total HpCB labeled F6

M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS006 Smooth(SG,3x1)



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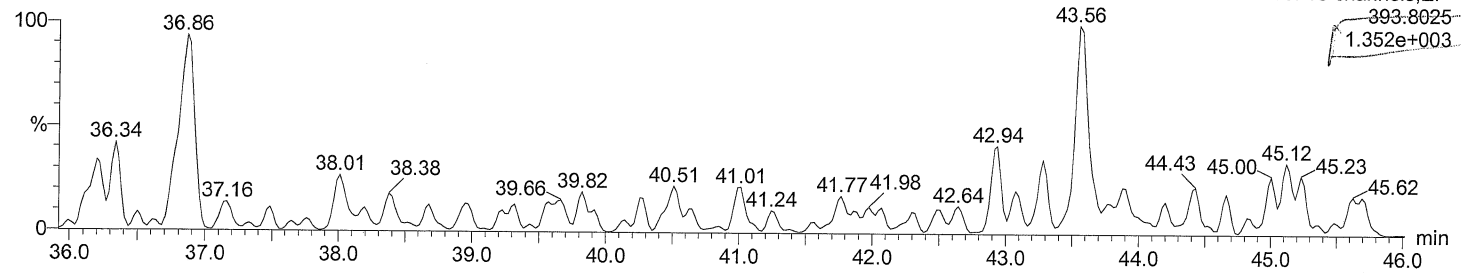
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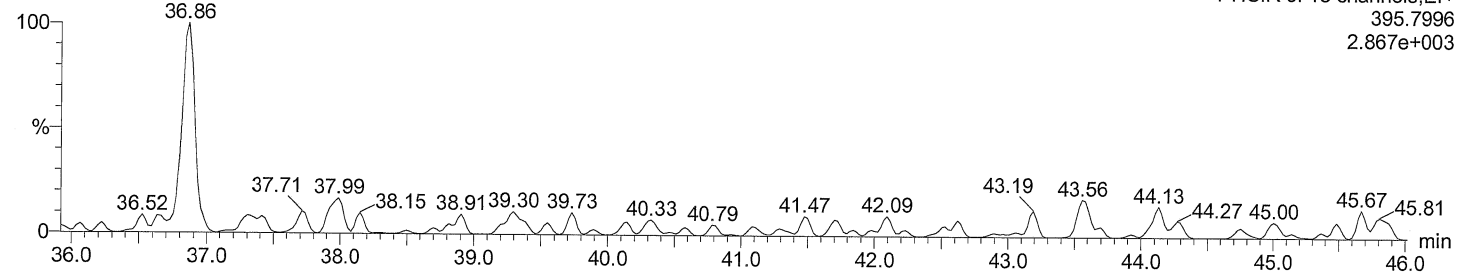
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M2160218DS006 Smooth(SG,3x1)



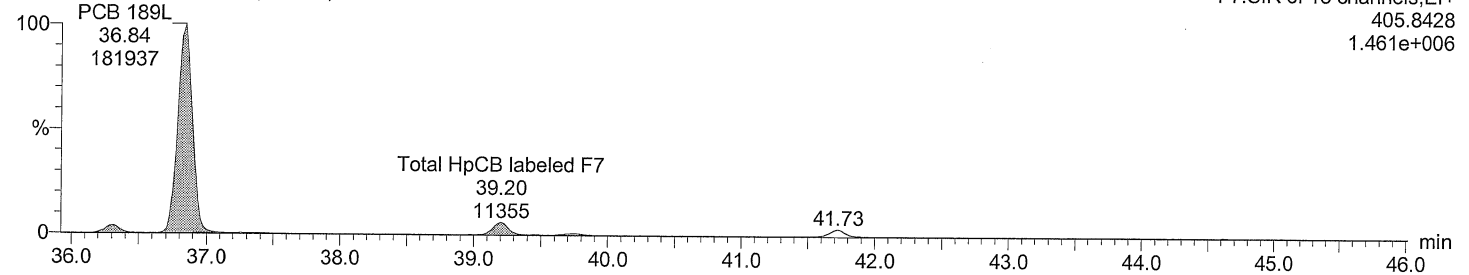
Total HpCB F7

M2160218DS006 Smooth(SG,3x1)



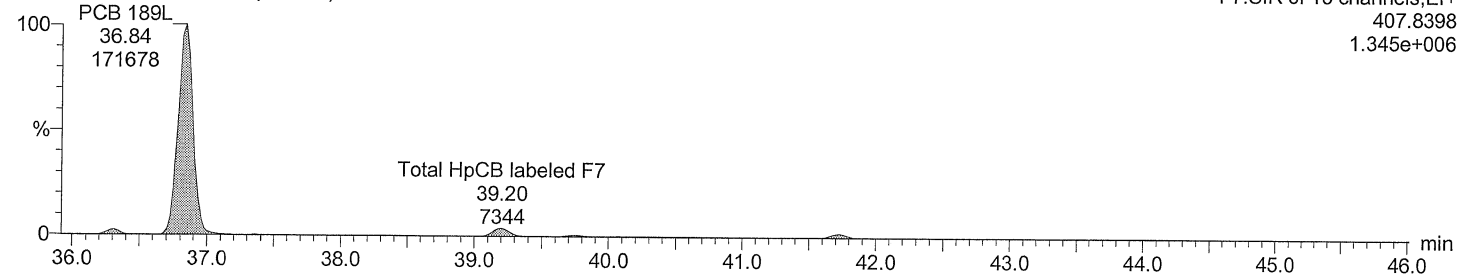
Total HpCB labeled F7

M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F7

M2160218DS006 Smooth(SG,3x1)



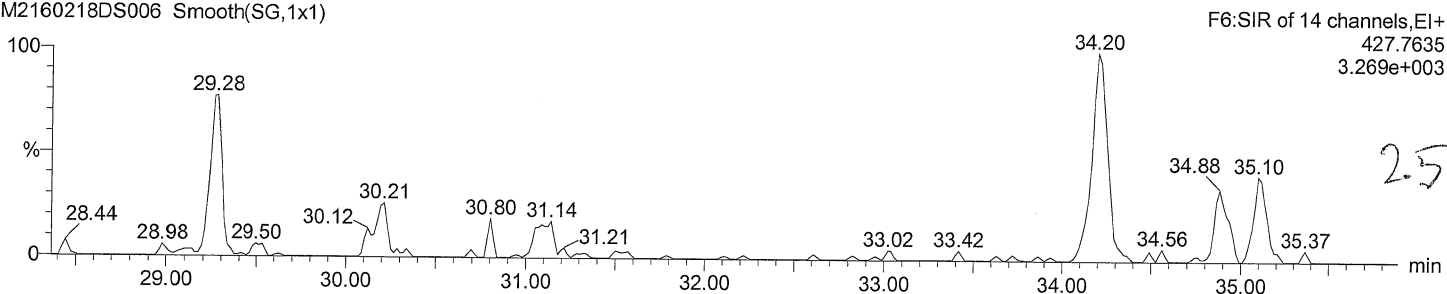
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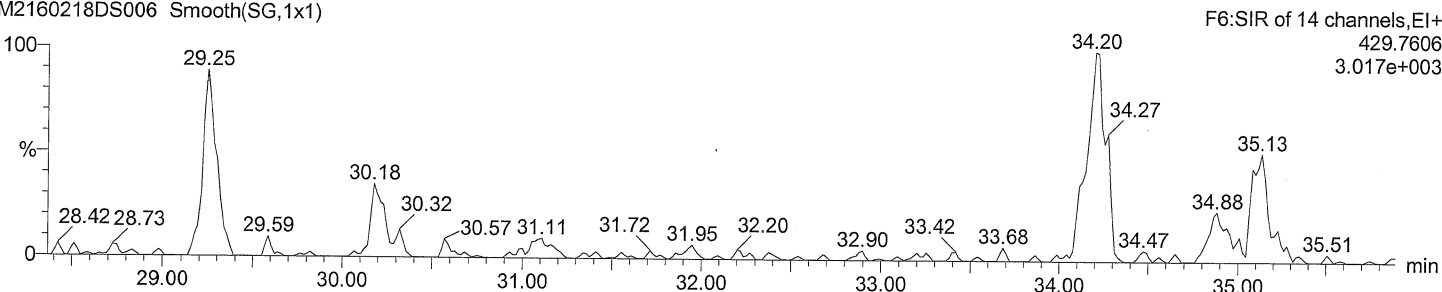
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M2160218DS006 Smooth(SG,1x1)



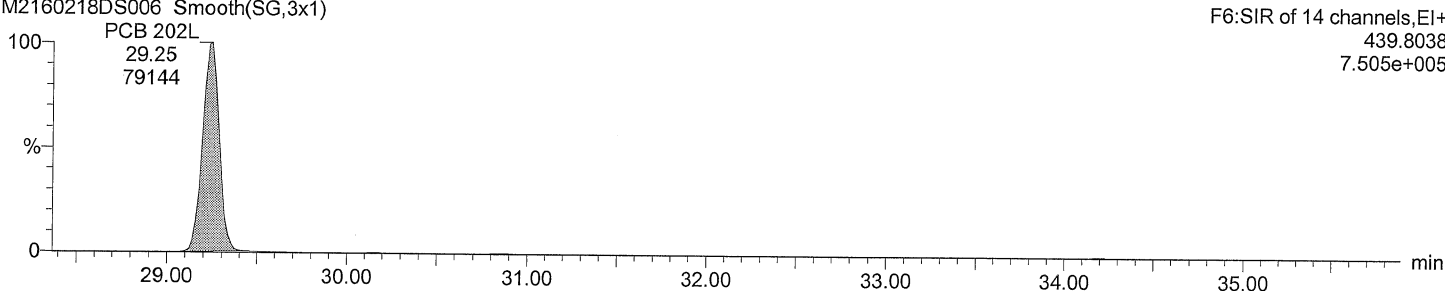
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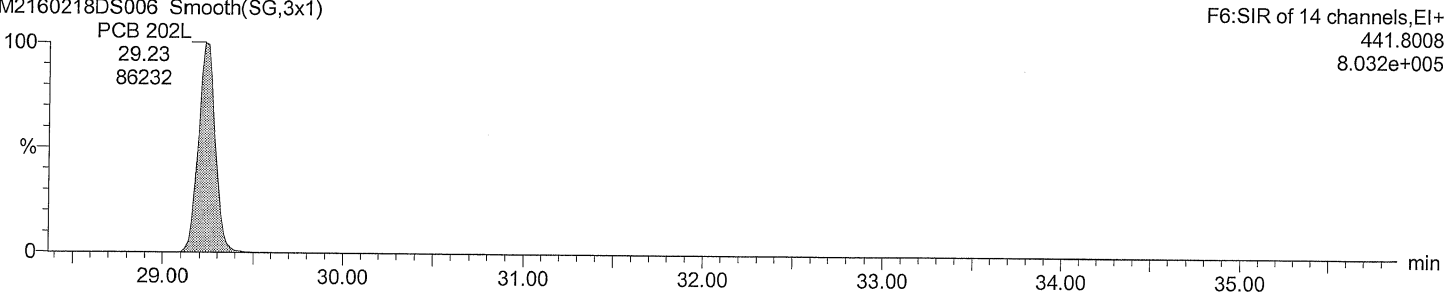
Total OcCB labeled F6

M2160218DS006 Smooth(SG,3x1)



Total OcCB labeled F6

M2160218DS006 Smooth(SG,3x1)





Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D\_M2160218D\_samples\_1668A.qld

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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

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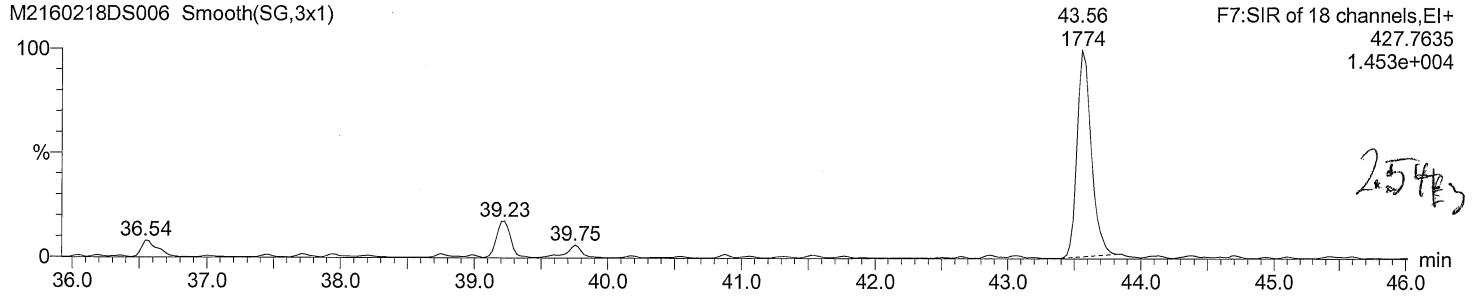
Vial: 6

Date: 18-FEB-2016

Time: 22:38:24

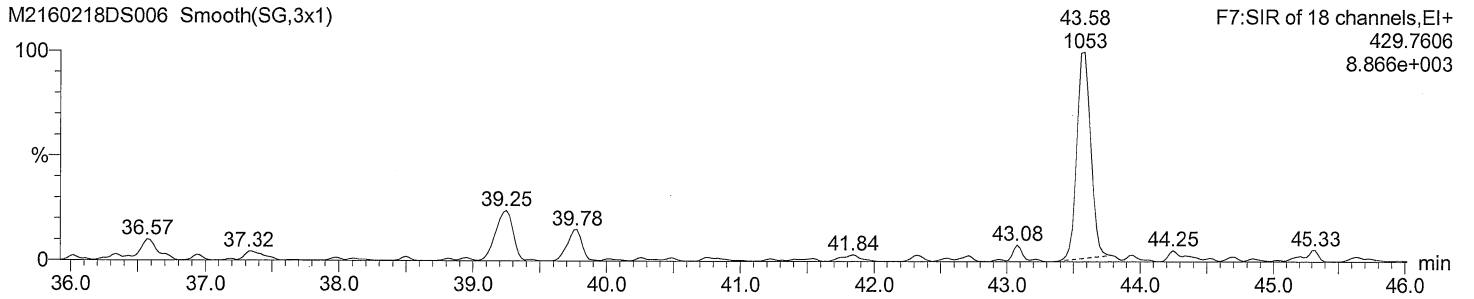
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M2160218DS006 Smooth(SG,3x1)



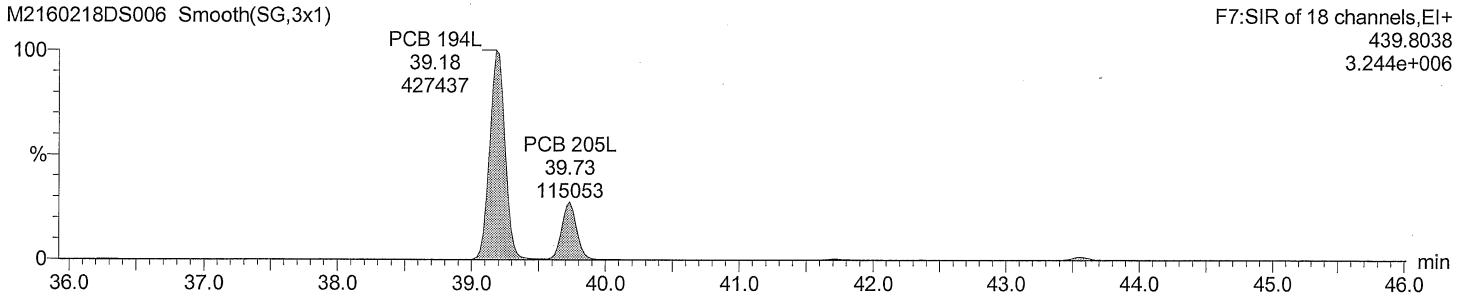
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M2160218DS006 Smooth(SG,3x1)



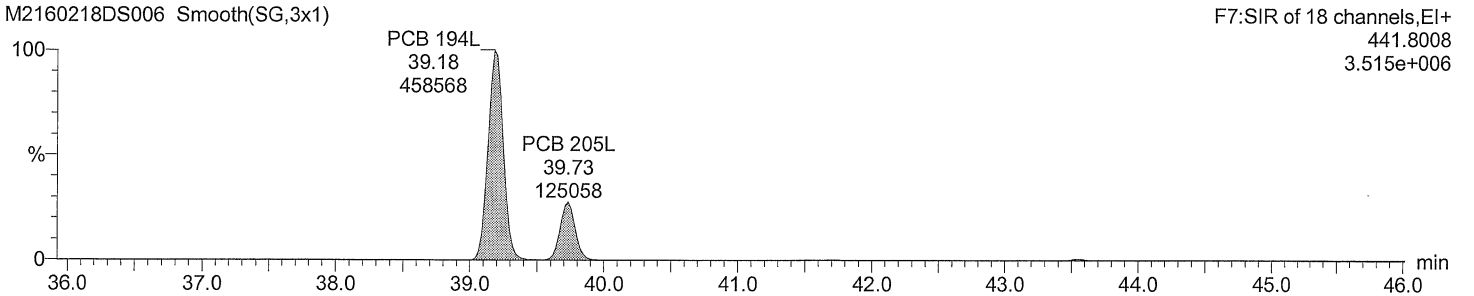
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M2160218DS006 Smooth(SG,3x1)



Total OoCB labeled F7

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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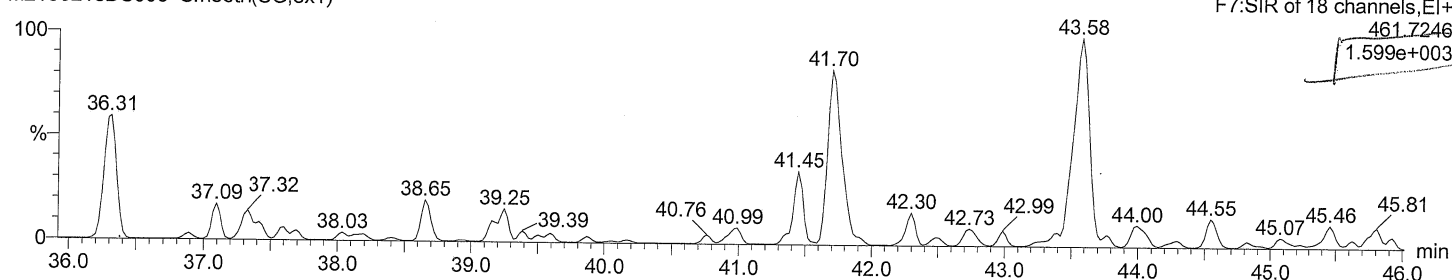
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Date: 18-FEB-2016

Time: 22:38:24

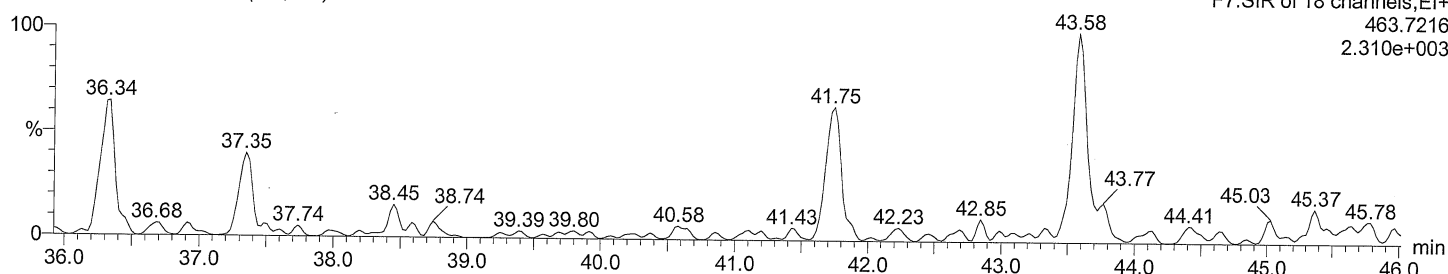
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M2160218DS006 Smooth(SG,3x1)



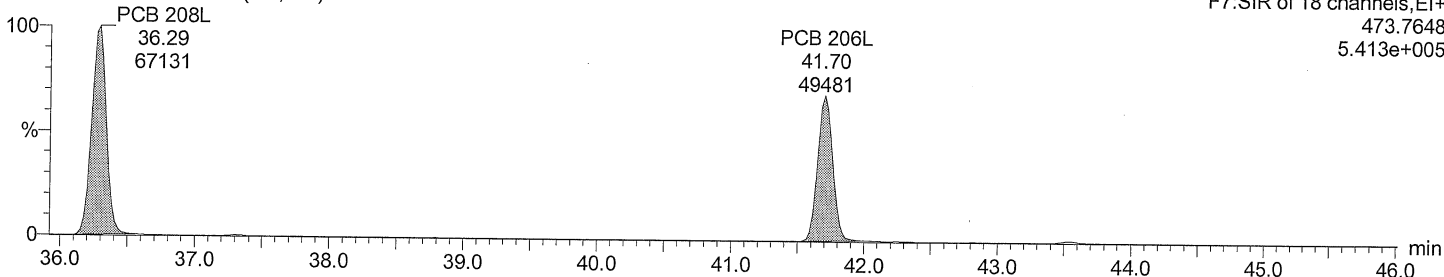
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M2160218DS006 Smooth(SG,3x1)



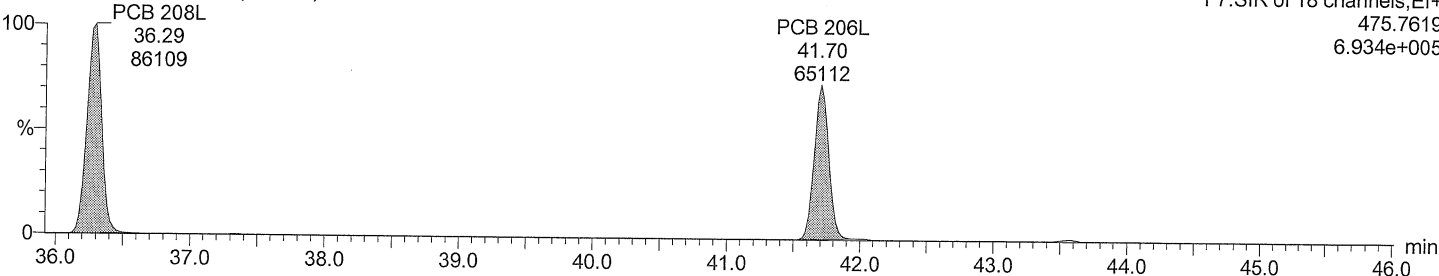
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M2160218DS006 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS006 Smooth(SG,3x1)



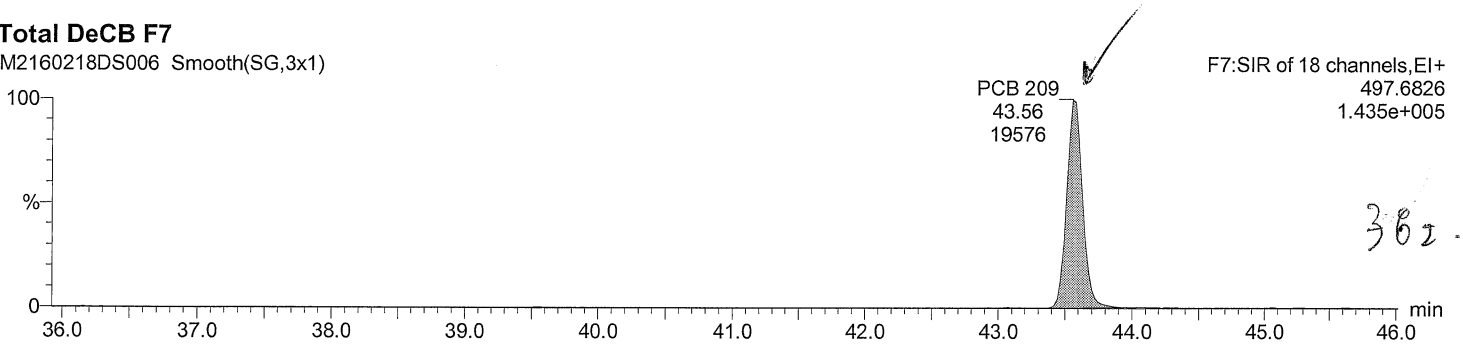
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti  
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Vial: 6  
Date: 18-FEB-2016  
Time: 22:38:24

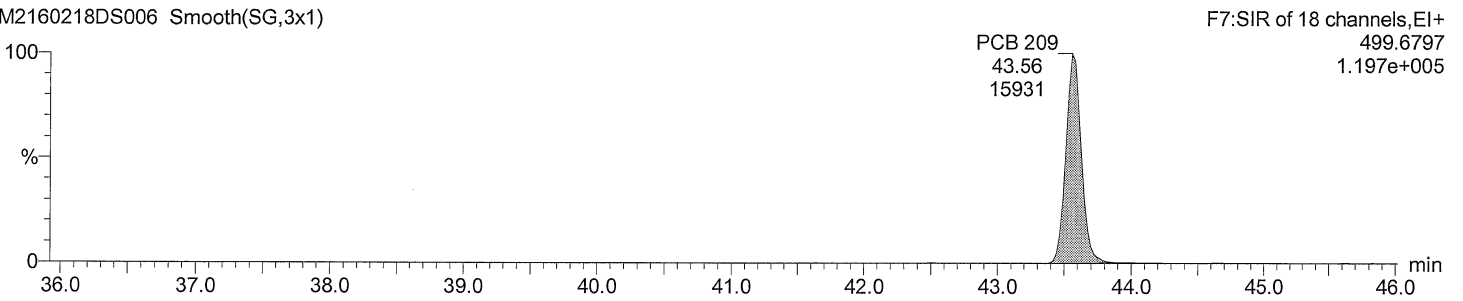
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M2160218DS006 Smooth(SG,3x1)



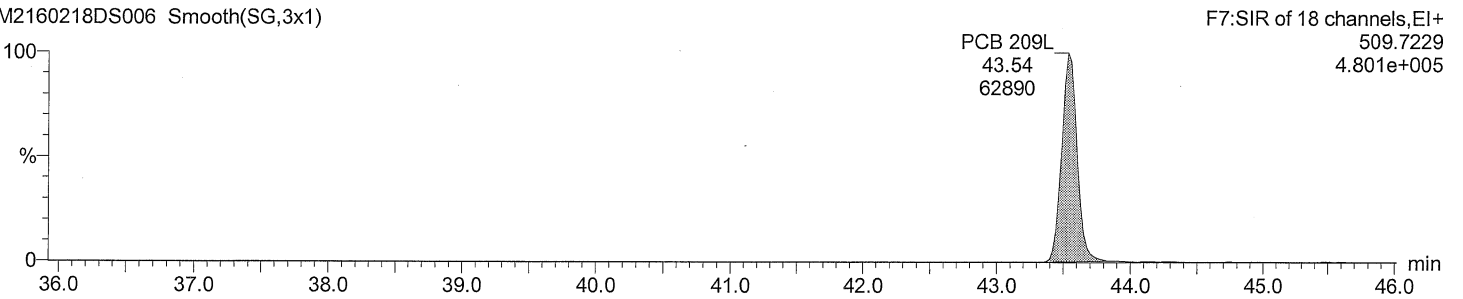
**Total DeCB F7**

M2160218DS006 Smooth(SG,3x1)



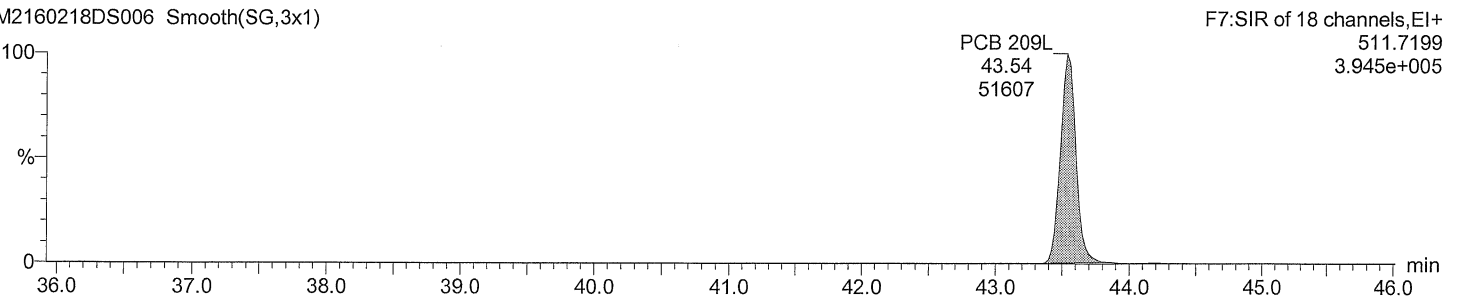
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M2160218DS006 Smooth(SG,3x1)



**Total DeCB labeled F7**

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

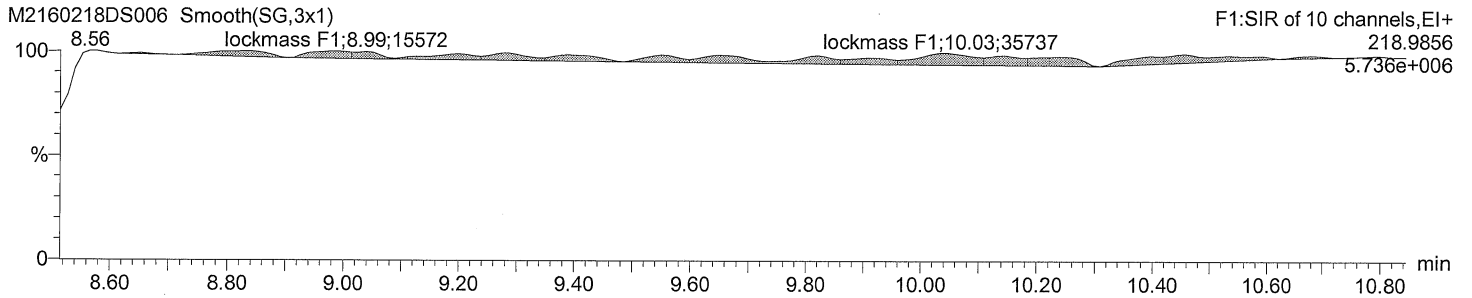
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Vial: 6

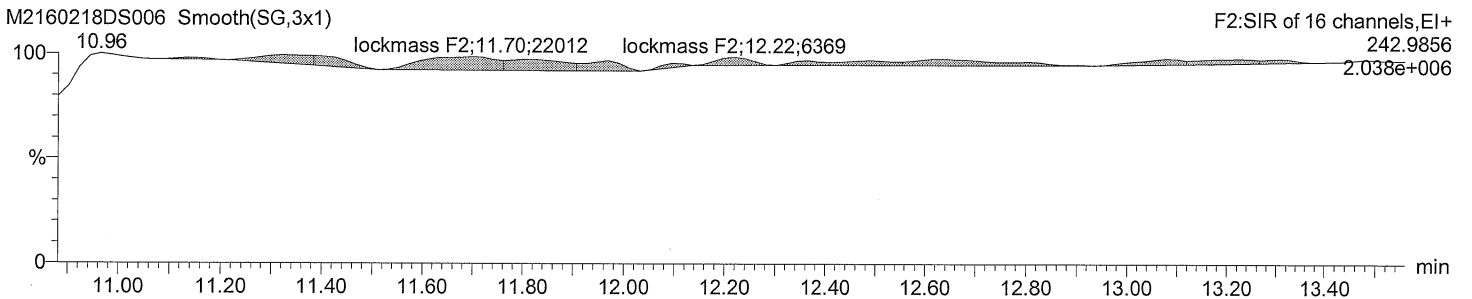
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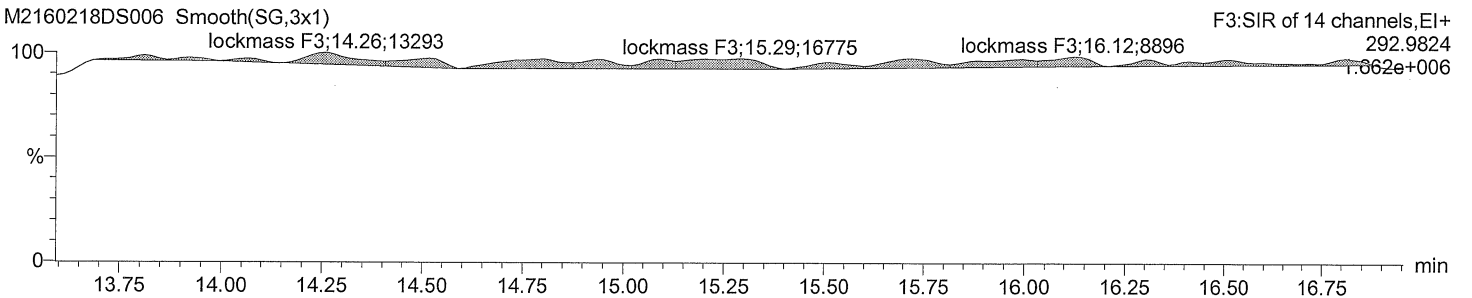
lockmass F1



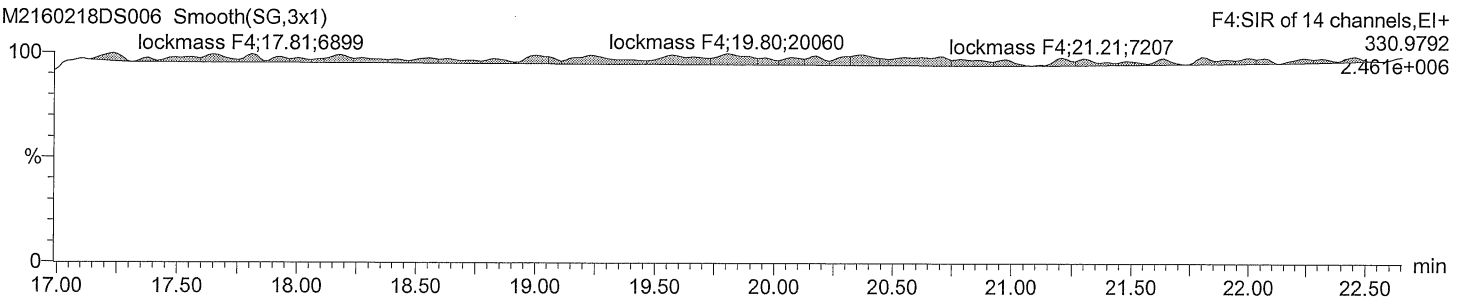
lockmass F2



lockmass F3



lockmass F4

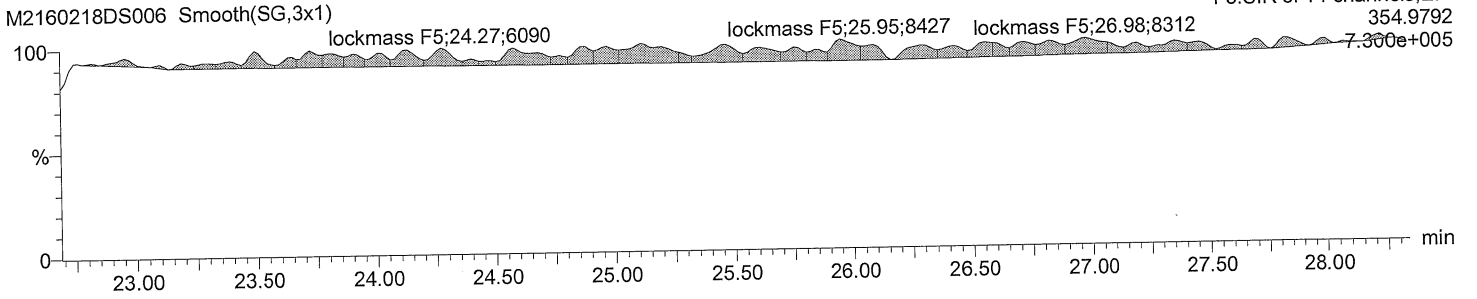


**Quantify Sample Report**    **MassLynx 4.0 SP1**  
Acquired Date

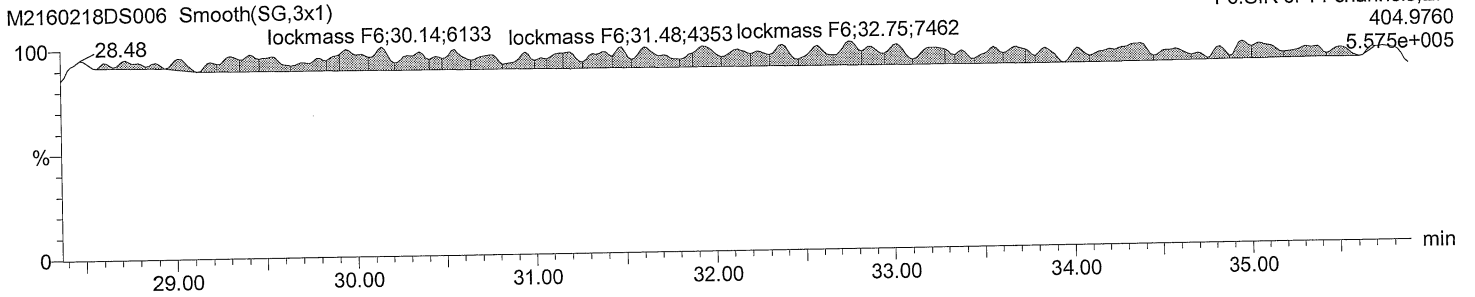
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Last Altered:      February 20, 2016 09:25:30 AM Eastern Standard Time  
Printed:            February 20, 2016 09:27:56 AM Eastern Standard Time

**ID: WS#4386412/4378609, Ti**  
**Description: BLANK**  
**Vial: 6**  
**Date: 18-FEB-2016**  
**Time: 22:38:24**

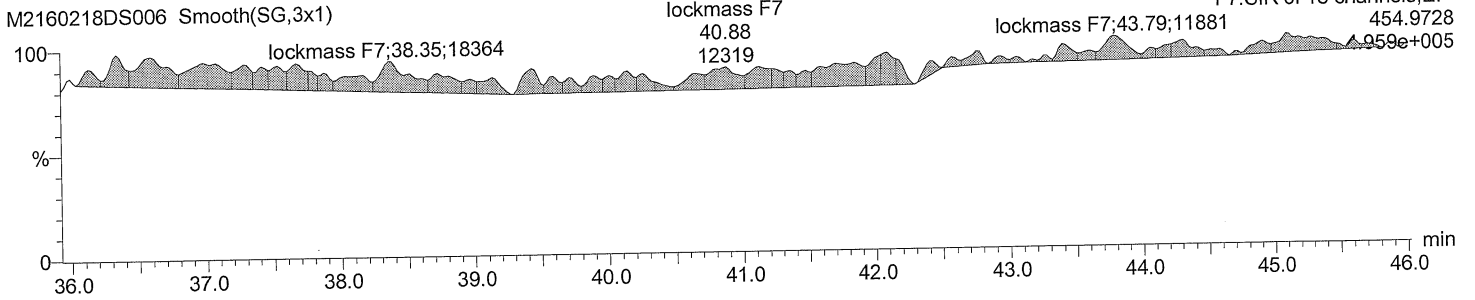
**lockmass F5**



**lockmass F6**

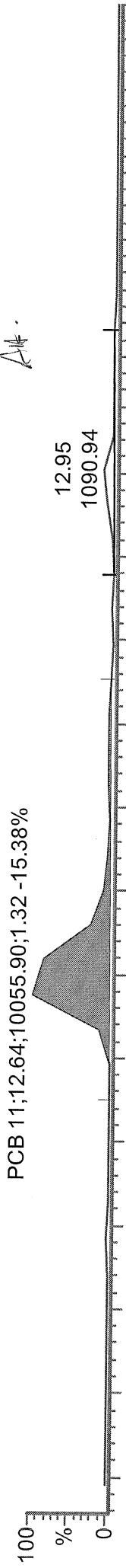


**lockmass F7**

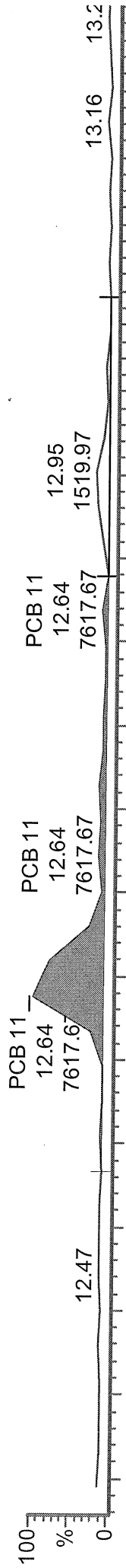


*Before*  
*16.02.20*  
*Alt.*

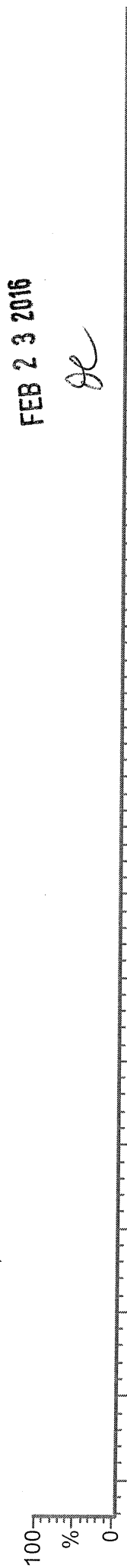
M2160218DS006  
BLANK WS#4386412/4378609, TI



M2160218DS006  
BLANK WS#4386412/4378609, TI



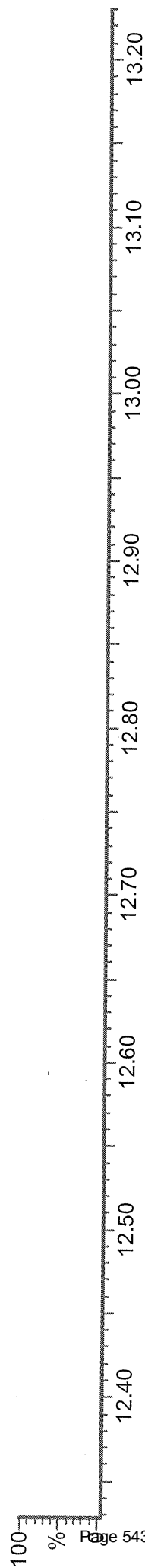
M2160218DS006 Smooth(SG,3x1)  
BLANK WS#4386412/4378609, TI



FEB 23 2016

*DL*

M2160218DS006 Smooth(SG,3x1)  
BLANK WS#4386412/4378609, TI

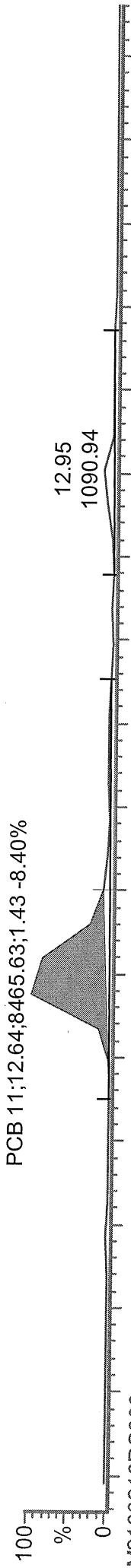


M3 16/02/20 : AH

Maxxam Analy

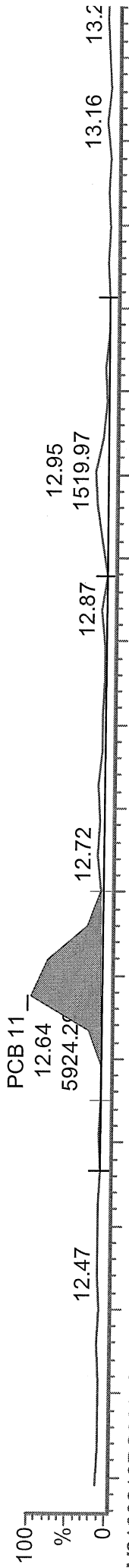
M2160218DS006

BLANK WS#4386412/4378609, TI



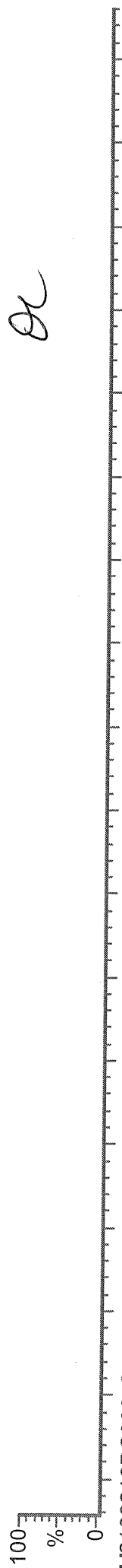
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BLANK WS#4386412/4378609, TI



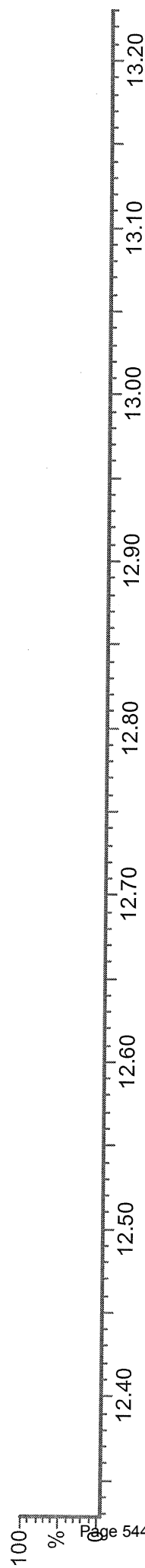
M2160218DS006 Smooth(SG,3x1)

BLANK WS#4386412/4378609, TI



M2160218DS006 Smooth(SG,3x1)

BLANK WS#4386412/4378609, TI



FEB 23 2016

*DL*

Sample ID **SPIKE**  
 Comments  
 Instrument File Ultima 3  
 Sample Size 10.204  
 Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	8.99	94454	3.2	123942	0.099515	PCB 1 % Rec = 102		-0.00053	479	no	1.082	-
	MoCB 190	8.98	29487	yes	*					465			
2 PCB 2	188	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.2	-
	MoCB 190	10.10	*	no	*					*			
3 PCB 3	188	10.19	90697	3.25	118577	0.098793	PCB 3 % Rec = 101		-0.00053	485	no	1.079	-
	MoCB 190	10.19	27880	yes	*					462			
4 PCB 4	222	10.30	35779	1.55	58847	0.109975	PCB 4 % Rec = 112		-0.00232	1052	no	0.954	-
	DICB 224	10.30	23068	yes	*					48			
5 PCB 10	222	NotFnd	*	*	*	-0.0018			-0.0018	*	no	1.229	-
	DICB 224	10.37	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.00319			-0.00319	*	no	1.311	-
	DICB 224	11.18	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.00359			-0.00359	*	no	1.165	-
	DICB 224	11.26	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.00317			-0.00317	*	no	1.319	-
	DICB 224	11.34	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.00426			-0.00426	*	no	0.983	-
	DICB 224	11.50	*	no	*					*			
10 PCB 8	222	NotFnd	*	*	*	-0.00287			-0.00287	*	no	1.456	-
	DICB 224	11.55	*	no	*					*			
11 PCB 14	222	NotFnd	*	*	*	-0.00314			-0.00314	*	no	1.332	-
	DICB 224	12.26	*	no	*					*			
12 PCB 11	222	NotFnd	*	*	*	-0.00326			-0.00326	*	no	1.285	-
	DICB 224	12.66	*	no	*					*			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00346			-0.00346	*	no	1.21	-
	DICB 224	12.82	*	no	*					*			
14 PCB 15	222	12.95	93605	1.51	155531	0.104571	PCB 15 % Rec = 107		-0.0048	1223	no	0.871	-
	DiCB 224	12.96	61927	yes	*					48			
15 PCB 19	256	11.68	30803	1.05	60211	0.102724	PCB 19 % Rec = 105		-0.00237	256	no	0.899	-
	TriCB 258	11.70	29408	yes	*					257			
16 PCB 30/18	256	NotFnd	*	*	*	-0.00262			-0.00262	*	no	0.813	-
	TriCB 258	12.48	*	no	*					*			
17 PCB 17	256	NotFnd	*	*	*	-0.00312			-0.00312	*	no	0.683	-
	TriCB 258	12.69	*	no	*					*			
18 PCB 27	256	NotFnd	*	*	*	-0.00213			-0.00213	*	no	1.002	-
	TriCB 258	12.79	*	no	*					*			
19 PCB 24	256	NotFnd	*	*	*	-0.00249			-0.00249	*	no	0.855	-
	TriCB 258	12.87	*	no	*					*			
20 PCB 16	256	NotFnd	*	*	*	-0.00425			-0.00425	*	no	0.501	-
	TriCB 258	12.90	*	no	*					*			
21 PCB 32	256	NotFnd	*	*	*	-0.00195			-0.00195	*	no	1.093	-
	TriCB 258	13.14	*	no	*					*			
22 PCB 34	256	13.74	69645	1.01	138669	0.091522	PCB 34 % Rec = 93		-0.00054	666	no	1.235	-
	TriCB 258	13.74	69025	yes	*					675			
23 PCB 23	256	13.83	81143	1.04	158821	0.125415	PCB 23 % Rec = 128		-0.00064	688	no	1.033	-
	TriCB 258	13.83	77678	yes	*					677			
24 PCB 26/29	256	NotFnd	*	*	*	-0.00054			-0.00054	*	no	1.221	-
	TriCB 258	13.99	*	no	*					*			
25 PCB 25	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.334	-
	TriCB 258	14.10	*	no	*					*			
26 PCB 31	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.335	-
	TriCB 258	14.26	*	no	*					*			
27 PCB 28/20	256	NotFnd	*	*	*	-0.00056			-0.00056	*	no	1.191	-
	TriCB 258	14.43	*	no	*					*			
28 PCB 21/33	256	NotFnd	*	*	*	-0.00053			-0.00053	*	no	1.255	-
	TriCB 258	14.53	*	no	*					*			
29 PCB 22	256	NotFnd	*	*	*	-0.00059			-0.00059	*	no	1.127	-
	TriCB 258	14.76	*	no	*					*			
30 PCB 36	256	NotFnd	*	*	*	-0.00042			-0.00042	*	no	1.57	-
	TriCB 258	15.60	*	no	*					*			
31 PCB 39	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.32	-
	TriCB 258	15.83	*	no	*					*			
32 PCB 38	256	NotFnd	*	*	*	-0.00046			-0.00046	*	no	1.438	-
	TriCB 258	16.18	*	no	*					*			
33 PCB 35	256	NotFnd	*	*	*	-0.00042			-0.00042	*	no	1.597	-
	TriCB 258	16.45	*	no	*					*			
34 PCB 37	256	16.70	79602	1	158770	0.09737	PCB 37 % Rec = 99		-0.00073	550	no	0.906	-
	TriCB 258	16.70	79168	yes	*					563			
35 PCB 54	290	13.08	30125	0.77	69131	0.098275	PCB 54 % Rec = 100		-0.00061	389	no	0.911	-
	TCB 292	13.08	39006	yes	*					386			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00204			-0.00204	*	no	0.654	-
	TCB 292	14.12	*	no	*					*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.0021			-0.0021	*	no	0.633	-
	TCB 292	14.49	*	no	*					*			
38 PCB 46	290	NotFnd	*	*	*	-0.0024			-0.0024	*	no	0.554	-
	TCB 292	14.64	*	no	*					*			
39 PCB 52	290	NotFnd	*	*	*	-0.0016			-0.0016	*	no	0.834	-
	TCB 292	15.38	*	no	*					*			
40 PCB 73	290	NotFnd	*	*	*	-0.00164			-0.00164	*	no	0.813	-
	TCB 292	15.46	*	no	*					*			
41 PCB 43	290	NotFnd	*	*	*	-0.00258			-0.00258	*	no	0.516	-
	TCB 292	15.53	*	no	*					*			
42 PCB 69/49	290	NotFnd	*	*	*	-0.00156			-0.00156	*	no	0.851	-
	TCB 292	15.64	*	no	*					*			



43	PCB 48	290	NotFnd	*	*	*	-0.00198	-0.00198	*	no	0.673	-	
		TCB 292	15.84	*	no	*			*				
44	PCB 44/47/65	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.783	-	
		TCB 292	15.98	*	no	*			*				
45	PCB 59/62/75	290	NotFnd	*	*	*	-0.00131	-0.00131	*	no	1.017	-	
		TCB 292	16.17	*	no	*			*				
46	PCB 42	290	NotFnd	*	*	*	-0.00195	-0.00195	*	no	0.682	-	
		TCB 292	16.30	*	no	*			*				
47	PCB 40/41/71	290	NotFnd	*	*	*	-0.00184	-0.00184	*	no	0.724	-	
		TCB 292	16.58	*	no	*			*				
48	PCB 64	290	NotFnd	*	*	*	-0.00144	-0.00144	*	no	0.922	-	
		TCB 292	16.71	*	no	*			*				
49	PCB 72	290	NotFnd	*	*	*	-0.00137	-0.00137	*	no	1.304	-	
		TCB 292	17.19	*	no	*			*				
50	PCB 68	290	NotFnd	*	*	*	-0.00147	-0.00147	*	no	1.22	-	
		TCB 292	17.40	*	no	*			*				
51	PCB 57	290	NotFnd	*	*	*	-0.00147	-0.00147	*	no	1.221	-	
		TCB 292	17.68	*	no	*			*				
52	PCB 58	290	NotFnd	*	*	*	-0.00173	-0.00173	*	no	1.035	-	
		TCB 292	17.83	*	no	*			*				
53	PCB 67	290	NotFnd	*	*	*	-0.00133	-0.00133	*	no	1.347	-	
		TCB 292	17.94	*	no	*			*				
54	PCB 63	290	NotFnd	*	*	*	-0.00143	-0.00143	*	no	1.253	-	
		TCB 292	18.13	*	no	*			*				
55	PCB 61/70/74/76	290	NotFnd	*	*	*	-0.00161	-0.00161	*	no	1.109	-	
		TCB 292	18.35	*	no	*			*				
56	PCB 66	290	NotFnd	*	*	*	-0.00144	-0.00144	*	no	1.241	-	
		TCB 292	18.58	*	no	*			*				
57	PCB 55	290	NotFnd	*	*	*	-0.00179	-0.00179	*	no	0.998	-	
		TCB 292	18.71	*	no	*			*				
58	PCB 56	290	NotFnd	*	*	*	-0.0018	-0.0018	*	no	0.995	-	
		TCB 292	19.05	*	no	*			*				
59	PCB 60	290	NotFnd	*	*	*	-0.00181	-0.00181	*	no	0.988	-	
		TCB 292	19.22	*	no	*			*				
60	PCB 80	290	NotFnd	*	*	*	-0.00146	-0.00146	*	no	1.224	-	
		TCB 292	19.48	*	no	*			*				
61	PCB 79	290	NotFnd	*	*	*	-0.00122	-0.00122	*	no	1.462	-	
		TCB 292	20.61	*	no	*			*				
62	PCB 78	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.287	-	
		TCB 292	21.06	*	no	*			*				
63	PCB 81	290	21.42	66670	0.74	156361	0.099467	PCB 81 % Rec = 101	-0.00174	165	no	1.027	-
		TCB 292	21.43	89691	yes					167			
64	PCB 77	290	21.87	64853	0.75	151475	0.096933	PCB 77 % Rec = 99	-0.00166	155	no	1.077	-
		TCB 292	21.87	86622	yes					158			
65	PCB 104	326	15.92	50035	1.59	81557	0.100825	PCB 104 % Rec = 103	-0.00037	674	no	1.094	-
		PeCB 328	15.94	31523	yes					662			
66	PCB 96	326	NotFnd	*	*	*	-0.00047	-0.00047	*	no	0.874	-	
		PeCB 328	16.16	*	no	*			*				
67	PCB 103	326	NotFnd	*	*	*	-0.00239	-0.00239	*	no	0.739	-	
		PeCB 328	17.33	*	no	*			*				
68	PCB 94	326	NotFnd	*	*	*	-0.00327	-0.00327	*	no	0.54	-	
		PeCB 328	17.47	*	no	*			*				
69	PCB 95	326	NotFnd	*	*	*	-0.00259	-0.00259	*	no	0.683	-	
		PeCB 328	17.77	*	no	*			*				
70	PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00285	-0.00285	*	no	0.619	-	
		PeCB 328	17.93	*	no	*			*				
71	PCB 88/91	326	NotFnd	*	*	*	-0.00283	-0.00283	*	no	0.625	-	
		PeCB 328	18.31	*	no	*			*				
72	PCB 84	326	NotFnd	*	*	*	-0.00331	-0.00331	*	no	0.534	-	
		PeCB 328	18.50	*	no	*			*				
73	PCB 89	326	NotFnd	*	*	*	-0.00303	-0.00303	*	no	0.582	-	
		PeCB 328	18.84	*	no	*			*				
74	PCB 121	326	NotFnd	*	*	*	-0.00232	-0.00232	*	no	0.761	-	
		PeCB 328	19.08	*	no	*			*				
75	PCB 92	326	NotFnd	*	*	*	-0.00295	-0.00295	*	no	0.598	-	
		PeCB 328	19.35	*	no	*			*				
76	PCB 113/90/101	326	NotFnd	*	*	*	-0.00249	-0.00249	*	no	0.71	-	
		PeCB 328	19.76	*	no	*			*				
77	PCB 83/99	326	NotFnd	*	*	*	-0.00284	-0.00284	*	no	0.623	-	
		PeCB 328	20.22	*	no	*			*				
78	PCB 112	326	NotFnd	*	*	*	-0.00216	-0.00216	*	no	0.819	-	
		PeCB 328	20.33	*	no	*			*				
79	PCB 109/119/86/97/125/326	326	NotFnd	*	*	*	-0.00243	-0.00243	*	no	0.726	-	
		PeCB 328	20.62	*	no	*			*				
80	PCB 117/116/85	326	NotFnd	*	*	*	-0.00222	-0.00222	*	no	0.796	-	
		PeCB 328	21.23	*	no	*			*				
81	PCB 110/115	326	NotFnd	*	*	*	-0.00236	-0.00236	*	no	0.75	-	
		PeCB 328	21.32	*	no	*			*				
82	PCB 82	326	NotFnd	*	*	*	-0.00313	-0.00313	*	no	0.564	-	
		PeCB 328	21.59	*	no	*			*				
83	PCB 111	326	NotFnd	*	*	*	-0.00218	-0.00218	*	no	0.809	-	
		PeCB 328	21.85	*	no	*			*				
84	PCB 120	326	NotFnd	*	*	*	-0.00186	-0.00186	*	no	0.951	-	
		PeCB 328	22.25	*	no	*			*				
85	PCB 108/124	326	NotFnd	*	*	*	-0.00067	-0.00067	*	no	1.122	-	
		PeCB 328	23.21	*	no	*			*				
86	PCB 107	326	NotFnd	*	*	*	-0.00066	-0.00066	*	no	1.147	-	
		PeCB 328	23.40	*	no	*			*				
87	PCB 123	326	23.51	78179	1.56	128264	0.097513	PCB 123 % Rec = 100	-0.00084	348	no	0.894	-
		PeCB 328	23.51	50085	yes					342			
88	PCB 106	326	NotFnd	*	*	*	-0.00062	-0.00062	*	no	1.218	-	
		PeCB 328	23.63	*	no	*			*				
89	PCB 118	326	23.79	90077	1.54	148681	0.104515	PCB 118 % Rec = 107	-0.00077	405	no	0.981	-
		PeCB 328	23.80	58604	yes					402			

90 PCB 122	326	NotFnd	*	*	*	-0.0007			-0.0007	*	no	1.079	-
	PeCB 328	24.08	*							*			
91 PCB 114	326	24.27	79709	1.59	129982	0.095781	PCB 114 % Rec = 98		-0.00075	347	no	1.01	-
	PeCB 328	24.28	50273	yes						337			
92 PCB 105	326	24.84	81248	1.55	133511	0.098526	PCB 105 % Rec = 101		-0.00077	344	no	0.977	-
	PeCB 328	24.83	52263	yes						347			
93 PCB 127	326	NotFnd	*	*	*	-0.00061			-0.00061	*	no	1.23	-
	PeCB 328	26.20	*	no						*			
94 PCB 126	326	27.71	76851	1.57	125695	0.097247	PCB 126 % Rec = 99		-0.00077	298	no	0.977	-
	PeCB 328	27.72	48843	yes						292			
95 PCB 155	360	19.63	46895	1.32	82511	0.10191	PCB 155 % Rec = 104		-0.00054	491	no	0.997	-
	HxCB 362	19.63	35616	yes						453			
96 PCB 152	360	NotFnd	*	*	*	-0.00066			-0.00066	*	no	0.813	-
	HxCB 362	19.78	*	no						*			
97 PCB 150	360	NotFnd	*	*	*	-0.00083			-0.00083	*	no	0.65	-
	HxCB 362	19.88	*	no						*			
98 PCB 136	360	NotFnd	*	*	*	-0.00071			-0.00071	*	no	0.761	-
	HxCB 362	20.18	*	no						*			
99 PCB 145	360	NotFnd	*	*	*	-0.00081			-0.00081	*	no	0.662	-
	HxCB 362	20.41	*	no						*			
100 PCB 148	360	NotFnd	*	*	*	-0.00098			-0.00098	*	no	0.551	-
	HxCB 362	21.55	*	no						*			
101 PCB 151/135	360	NotFnd	*	*	*	-0.00104			-0.00104	*	no	0.519	-
	HxCB 362	22.04	*	no						*			
102 PCB 154	360	NotFnd	*	*	*	-0.00087			-0.00087	*	no	0.618	-
	HxCB 362	22.22	*	no						*			
103 PCB 144	360	NotFnd	*	*	*	-0.00096			-0.00096	*	no	0.562	-
	HxCB 362	22.51	*	no						*			
104 PCB 147/149	360	NotFnd	*	*	*	-0.0027			-0.0027	*	no	0.662	-
	HxCB 362	22.80	*	no						*			
105 PCB 134/143	360	NotFnd	*	*	*	-0.00305			-0.00305	*	no	0.586	-
	HxCB 362	23.06	*	no						*			
106 PCB 139/140	360	NotFnd	*	*	*	-0.00263			-0.00263	*	no	0.68	-
	HxCB 362	23.31	*	no						*			
107 PCB 131	360	NotFnd	*	*	*	-0.00333			-0.00333	*	no	0.537	-
	HxCB 362	23.49	*	no						*			
108 PCB 142	360	NotFnd	*	*	*	-0.00286			-0.00286	*	no	0.626	-
	HxCB 362	23.65	*	no						*			
109 PCB 132	360	NotFnd	*	*	*	-0.00319			-0.00319	*	no	0.561	-
	HxCB 362	23.88	*	no						*			
110 PCB 133	360	NotFnd	*	*	*	-0.00272			-0.00272	*	no	0.657	-
	HxCB 362	24.31	*	no						*			
111 PCB 165	360	NotFnd	*	*	*	-0.00234			-0.00234	*	no	0.765	-
	HxCB 362	24.66	*	no						*			
112 PCB 146	360	NotFnd	*	*	*	-0.00254			-0.00254	*	no	0.705	-
	HxCB 362	24.87	*	no						*			
113 PCB 161	360	NotFnd	*	*	*	-0.00185			-0.00185	*	no	0.97	-
	HxCB 362	25.01	*	no						*			
114 PCB 153/168	360	NotFnd	*	*	*	-0.0021			-0.0021	*	no	0.852	-
	HxCB 362	25.46	*	no						*			
115 PCB 141	360	NotFnd	*	*	*	-0.00263			-0.00263	*	no	0.681	-
	HxCB 362	25.60	*	no						*			
116 PCB 130	360	NotFnd	*	*	*	-0.0029			-0.0029	*	no	0.617	-
	HxCB 362	25.99	*	no						*			
117 PCB 137	360	NotFnd	*	*	*	-0.00295			-0.00295	*	no	0.607	-
	HxCB 362	26.19	*	no						*			
118 PCB 164	360	NotFnd	*	*	*	-0.00196			-0.00196	*	no	0.913	-
	HxCB 362	26.28	*	no						*			
119 PCB 138/163/129	360	NotFnd	*	*	*	-0.00254			-0.00254	*	no	0.705	-
	HxCB 362	26.61	*	no						*			
120 PCB 160	360	NotFnd	*	*	*	-0.00218			-0.00218	*	no	0.822	-
	HxCB 362	26.78	*	no						*			
121 PCB 158	360	NotFnd	*	*	*	-0.00178			-0.00178	*	no	1.004	-
	HxCB 362	26.96	*	no						*			
122 PCB 128/166	360	NotFnd	*	*	*	-0.00231			-0.00231	*	no	0.774	-
	HxCB 362	27.79	*	no						*			
123 PCB 159	360	NotFnd	*	*	*	-0.00081			-0.00081	*	no	1.179	-
	HxCB 362	28.76	*	no						*			
124 PCB 162	360	NotFnd	*	*	*	-0.00087			-0.00087	*	no	1.101	-
	HxCB 362	29.06	*	no						*			
125 PCB 167	360	29.52	78935	1.25	141852	0.097332	PCB 167 % Rec = 99		-0.00101	321	no	0.946	-
	HxCB 362	29.53	62916	yes						320			
126 PCB 156/157	360	30.70	159617	1.27	285609	0.197738	B 156/157 % Rec = 101		-0.00094	545	no	1.017	-
	HxCB 362	30.69	125992	yes						532			
127 PCB 169	360	34.10	49827	1.25	89722	0.100829	PCB 169 % Rec = 103		-0.001	186	no	0.954	-
	HxCB 362	34.11	39895	yes						185			
128 PCB 188	394	24.22	42741	1.07	82585	0.096717	PCB 188 % Rec = 99		-0.00172	144	no	1.012	-
	HpCB 396	24.23	39844	yes						139			
129 PCB 179	394	NotFnd	*	*	*	-0.00166			-0.00166	*	no	1.047	-
	HpCB 396	24.52	*	no						*			
130 PCB 184	394	NotFnd	*	*	*	-0.00181			-0.00181	*	no	0.961	-
	HpCB 396	25.00	*	no						*			
131 PCB 176	394	NotFnd	*	*	*	-0.00169			-0.00169	*	no	1.027	-
	HpCB 396	25.32	*	no						*			
132 PCB 186	394	NotFnd	*	*	*	-0.00193			-0.00193	*	no	0.899	-
	HpCB 396	25.75	*	no						*			
133 PCB 178	394	NotFnd	*	*	*	-0.00241			-0.00241	*	no	0.722	-
	HpCB 396	27.01	*	no						*			
134 PCB 175	394	NotFnd	*	*	*	-0.00231			-0.00231	*	no	0.753	-
	HpCB 396	27.62	*	no						*			
135 PCB 187	394	27.87	33518	1.05	65495	0.093217	PCB 187 % Rec = 95		-0.0024	107	no	0.723	-
	HpCB 396	27.88	31978	yes						106			
136 PCB 182	394	28.07	32024	1.05	62423	0.086	PCB 182 % Rec = 88		-0.00233	100	no	0.747	-
	HpCB 396	28.10	30399	yes						100			

137 PCB 183	394	NotFnd	*	*	*	-0.0021			-0.0021	*	no	1.162	-
	HpCB 396	28.50	*	no	*					*			
138 PCB 185	394	NotFnd	*	*	*	-0.00286			-0.00286	*	no	0.851	-
	HpCB 396	28.56	*	no	*					*			
139 PCB 174	394	NotFnd	*	*	*	-0.00251			-0.00251	*	no	0.97	-
	HpCB 396	28.72	*	no	*					*			
140 PCB 177	394	NotFnd	*	*	*	-0.00258			-0.00258	*	no	0.943	-
	HpCB 396	29.14	*	no	*					*			
141 PCB 181	394	NotFnd	*	*	*	-0.00273			-0.00273	*	no	0.892	-
	HpCB 396	29.56	*	no	*					*			
142 PCB 171/173	394	NotFnd	*	*	*	-0.00257			-0.00257	*	no	0.948	-
	HpCB 396	29.78	*	no	*					*			
143 PCB 172	394	NotFnd	*	*	*	-0.00256			-0.00256	*	no	0.95	-
	HpCB 396	31.42	*	no	*					*			
144 PCB 192	394	NotFnd	*	*	*	-0.00225			-0.00225	*	no	1.085	-
	HpCB 396	31.74	*	no	*					*			
145 PCB 193/180	394	32.13	48846	1.09	93717	0.083822	PCB 193/180 % Rec = 86		-0.00176	111	no	1.383	-
	HpCB 396	32.06	44871	yes	*					107			
146 PCB 191	394	NotFnd	*	*	*	-0.0018			-0.0018	*	no	1.352	-
	HpCB 396	32.48	*	no	*					*			
147 PCB 170	394	33.45	46981	1.12	88887	0.096029	PCB 170 % Rec = 98		-0.00192	103	no	1.271	-
	HpCB 396	33.45	41906	yes	*					98			
148 PCB 190	394	NotFnd	*	*	*	-0.00181			-0.00181	*	no	1.345	-
	HpCB 396	34.02	*	no	*					*			
149 PCB 189	394	36.87	67137	1.05	131132	0.092353	PCB 189 % Rec = 94		-0.00168	137	no	0.944	-
	HpCB 396	36.88	63995	yes	*					134			
150 PCB 202	428	29.26	35386	0.9	74850	0.099331	PCB 202 % Rec = 101		-0.0016	175	no	0.988	-
	OcCB 430	29.26	39464	yes	*					179			
151 PCB 201	428	NotFnd	*	*	*	-0.00159			-0.00159	*	no	0.997	-
	OcCB 430	30.16	*	no	*					*			
152 PCB 204	428	NotFnd	*	*	*	-0.00165			-0.00165	*	no	0.962	-
	OcCB 430	30.87	*	no	*					*			
153 PCB 197	428	NotFnd	*	*	*	-0.00181			-0.00181	*	no	0.876	-
	OcCB 430	31.10	*	no	*					*			
154 PCB 200	428	NotFnd	*	*	*	-0.00157			-0.00157	*	no	1.006	-
	OcCB 430	31.22	*	no	*					*			
155 PCB 198/199	428	NotFnd	*	*	*	-0.00242			-0.00242	*	no	0.654	-
	OcCB 430	34.17	*	no	*					*			
156 PCB 196	428	NotFnd	*	*	*	-0.00235			-0.00235	*	no	0.674	-
	OcCB 430	34.95	*	no	*					*			
157 PCB 203	428	NotFnd	*	*	*	-0.0024			-0.0024	*	no	0.659	-
	OcCB 430	35.14	*	no	*					*			
158 PCB 195	428	NotFnd	*	*	*	-0.00361			-0.00361	*	no	1.005	-
	OcCB 430	36.62	*	no	*					*			
159 PCB 194	428	NotFnd	*	*	*	-0.00333			-0.00333	*	no	1.091	-
	OcCB 430	39.24	*	no	*					*			
160 PCB 205	428	39.78	45957	0.88	98395	0.0953	PCB 205 % Rec = 97		-0.00333	73	no	1.091	-
	OcCB 430	39.80	52438	yes	*					73			
161 PCB 208	462	36.32	30598	0.77	70288	0.099561	PCB 208 % Rec = 102		-0.00237	104	no	1.023	-
	NoCB 464	36.33	39690	yes	*					106			
162 PCB 207	462	NotFnd	*	*	*	-0.00184			-0.00184	*	no	1.32	-
	NoCB 464	37.35	*	no	*					*			
163 PCB 206	462	41.75	21703	0.77	49908	0.093779	PCB 206 % Rec = 96		-0.00236	70	yes	1.027	-
	NoCB 464	41.73	28205	yes	*					71			
164 PCB 209	498	43.58	44582	1.23	80973	0.151285	PCB 209 % Rec = 154		-0.00424	94	no	1.04	-
	DCB 500	43.56	36392	yes	*					88			
165 PCB 1L	200	8.98	173474	3.33	225635	0.137848		0.001	3914	no	0.824	70	
	202	8.97	52160	yes	*					318			
166 PCB 3L	200	10.17	169781	3.51	218090	0.128772		0	3983	no	0.852	66	
	202	10.16	48310	yes	*					311			
167 PCB 4L	234	10.28	68880	1.68	109939	0.101966		0	3933	no	0.543	52	
	236	10.28	41058	yes	*					844			
168 PCB 15L	234	12.93	207907	1.64	334861	0.156868		0	1903	no	1.074	80	
	236	12.91	126953	yes	*					4456			
169 PCB 19L	268	11.68	66047	1.07	127835	0.111265		0.001	296	no	0.578	57	
	270	11.66	61789	yes	*					405			
170 PCB 37L	268	16.68	180418	1.05	352933	0.187247		0.001	484	no	1.987	96	
	270	16.67	172515	yes	*					579			
171 PCB 54L	302	13.06	66286	0.78	151412	0.123009		0	1019	no	1.297	63	
	304	13.06	85126	yes	*					3369			
172 PCB 81L	302	21.41	131190	0.78	300010	0.181945		0	1278	no	1.738	93	
	304	21.39	168820	yes	*					1655			
173 PCB 77L	302	21.85	126809	0.81	284314	0.178678		0	1230	no	1.677	91	
	304	21.82	157506	yes	*					1516			
174 PCB 104L	338	15.92	89252	1.61	144871	0.149109		0	5562	no	1.156	76	
	340	15.93	55619	yes	*					4553			
175 PCB 123L	338	23.49	178031	1.62	288220	0.177095		0	2263	no	1.936	90	
	340	23.50	110189	yes	*					1826			
176 PCB 118L	338	23.77	176232	1.63	284077	0.177303		0	2215	no	1.906	90	
	340	23.76	107844	yes	*					1765			
177 PCB 114L	338	24.26	164918	1.68	263278	0.176645		0	2049	no	1.773	90	
	340	24.25	98360	yes	*					1560			
178 PCB 105L	338	24.81	167326	1.6	271974	0.177516		0	2048	no	1.822	91	
	340	24.81	104648	yes	*					1708			
179 PCB 126L	338	27.69	159965	1.61	259394	0.177785		0	1802	no	1.735	91	
	340	27.67	99429	yes	*					1461			
180 PCB 155L	372	19.61	89705	1.29	159229	0.136145		0	6930	no	1.404	69	
	374	19.61	69524	yes	*					6752			
181 PCB 167L	372	29.50	170654	1.3	301990	0.171767		0	2053	no	2.11	88	
	374	29.50	131336	yes	*					1463			
182 PCB 156L/157L	372	30.66	313770	1.29	556675	0.347772		0	3108	no	1.921	89	
	374	30.69	242905	yes	*					2225			
183 PCB 169L	372	34.08	102270	1.27	182731	0.116255		0	1159	no	1.886	59	
	374	34.06	80461	yes	*					820			

184 PCB 188L	406	24.20	85443	1.07	165383	0.149293	0	5101	no	1.329	76
	408	24.21	79940	yes				5129			
185 PCB 180L	406	32.09	82362	1.08	158498	0.169095	0	3247	no	1.349	86
	408	32.11	76136	yes				4177			
186 PCB 170L	406	33.42	74242	1.08	142740	0.174017	0	2879	no	1.18	89
	408	33.44	68498	yes				3686			
187 PCB 189L	406	36.84	151801	1.06	294881	0.19666	0	2933	no	2.157	100
	408	36.85	143081	yes				3545			
188 PCB 202L	440	29.23	71285	0.91	149548	0.151579	0	6802	no	1.419	77
	442	29.29	78263	yes				3773			
189 PCB 205L	440	39.76	89430	0.93	185554	0.174335	0	2422	no	1.531	89
	442	39.75	96124	yes				2254			
190 PCB 208L	474	36.29	59074	0.78	135196	0.170708	0	2429	no	1.139	87
	476	36.30	76122	yes				2955			
191 PCB 206L	474	41.73	46167	0.83	101603	0.192455	0	1784	yes	0.76	98
	476	41.75	55436	yes				2094			
192 PCB 209L	510	43.56	55120	1.21	100882	0.200381	0	4582	no	0.724	102
	512	43.56	45761	yes				2946			
193 PCB 28L	268	14.41	219367	1.05	427723	0.221057	0.001	643	no	2.039	113
PCB Cleanup Standard	270	14.41	208355	yes				774			
194 PCB 111L	338	21.83	139666	1.67	223517	0.197959	0	3540	no	1.343	101
PCB Cleanup Standard	340	21.84	83851	yes				2844			
195 PCB 178L	406	26.98	61022	1.05	118877	0.194643	0	3530	no	0.733	99
PCB Cleanup Standard	408	26.97	57855	yes				3529			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.24	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	25.41	2655	1.5	4422	0.004332	0.001	56	no	1.225	2
PCB Audit Standard	374	25.40	1767	no				15			
199 PCB 9L	234	11.18	1199864	1.61	1947162	9.794257	-	11898	no	-	-
PCB Recovery Standard	236	11.19	747298	yes				28482			
200 PCB 52L	302	15.35	414489	0.8	929807	7.228717	-	5133	no	-	-
PCB Recovery Standard	304	15.36	515317	yes				8082			
201 PCB 101L	338	19.77	507274	1.6	823875	7.360992	-	13565	no	-	-
PCB Recovery Standard	340	19.76	316601	yes				11402			
202 PCB 138L	372	26.57	461424	1.3	816611	7.44383	-	9837	no	-	-
PCB Recovery Standard	374	26.56	355187	yes				2891			
203 PCB 194L	440	39.21	328128	0.93	681143	6.182559	-	8547	no	-	-
PCB Recovery Standard	442	39.17	353016	yes				8109			
Chlorobiphenyls						0.198308	2	-0.00053			
Dichlorobiphenyls						0.214546	2	-0.0048			
Trichlorobiphenyls						0.417031	4	-0.00425			
Tetrachlorobiphenyls						0.294675	3	-0.00258			
Pentachlorobiphenyls						0.594407	6	-0.00331			
Hexachlorobiphenyls						0.497809	4	-0.00333			
Heptachlorobiphenyls						0.548138	6	-0.00286			
Octachlorobiphenyls						0.194631	2	-0.00361			
Nonachlorobiphenyls						0.19334	2	-0.00237			
Decachlorobiphenyl						0.151285	1	-0.00424			
PCB (total)						3.30417					

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

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

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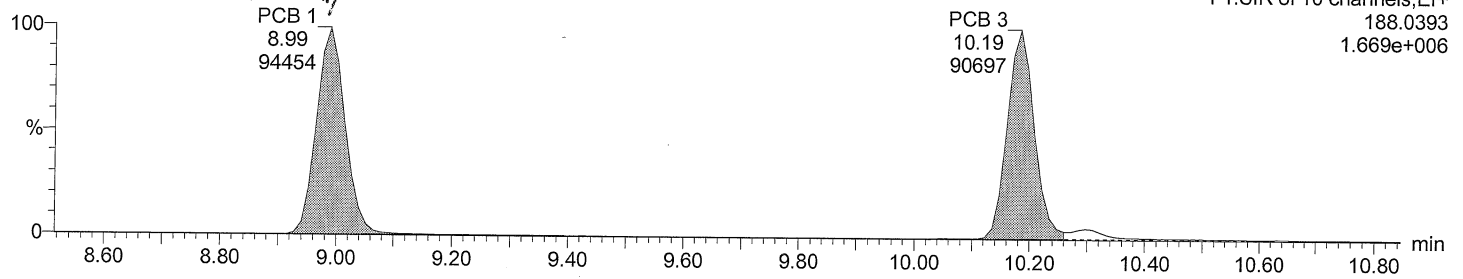
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

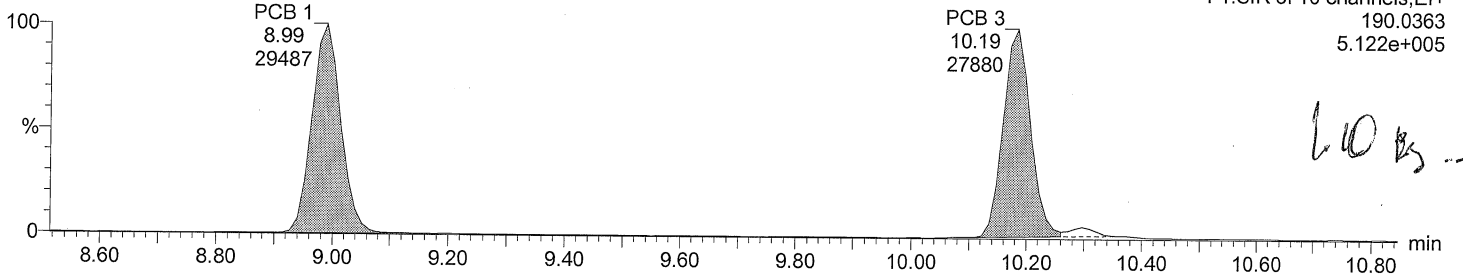
Total MoCB F1

M2160218DS003 Smooth(SG,3x1)



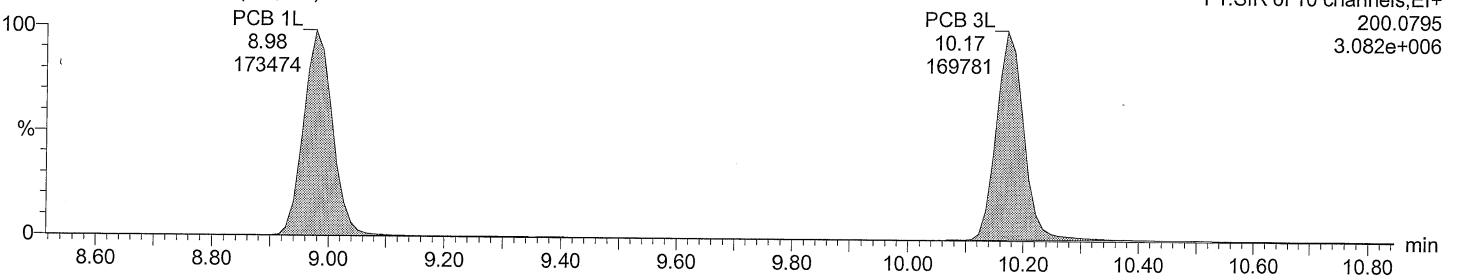
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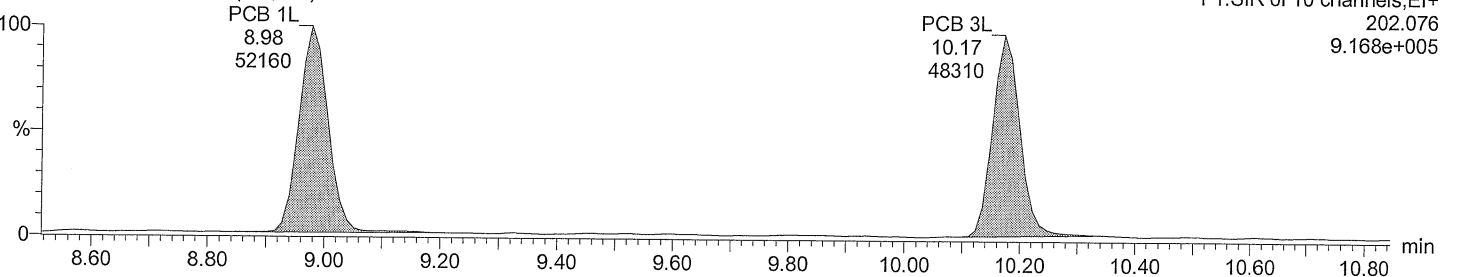
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M2160218DS003 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D\_\M2160218D\_samples\_1668A.qld

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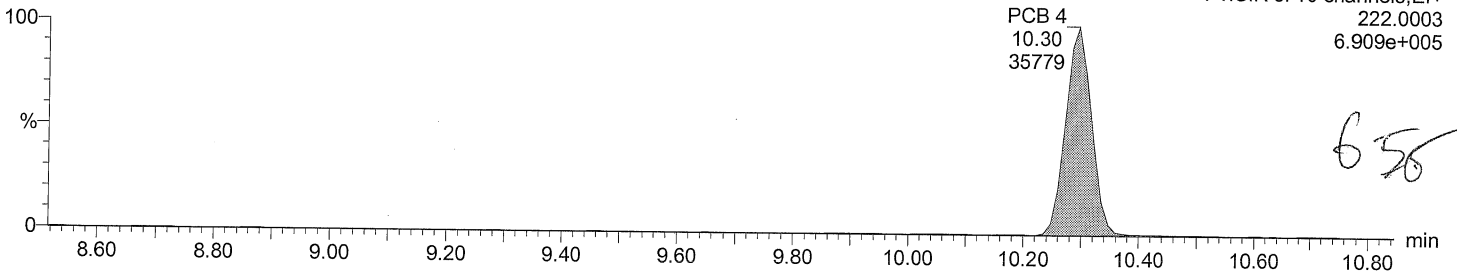
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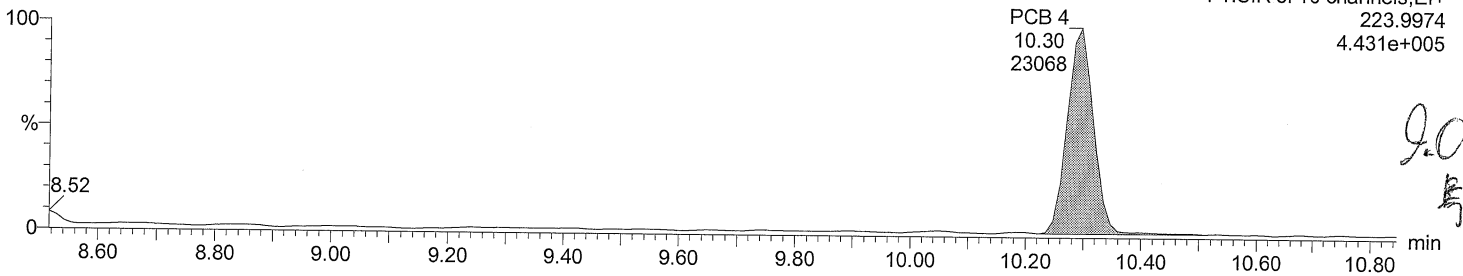
Total DiCB F1

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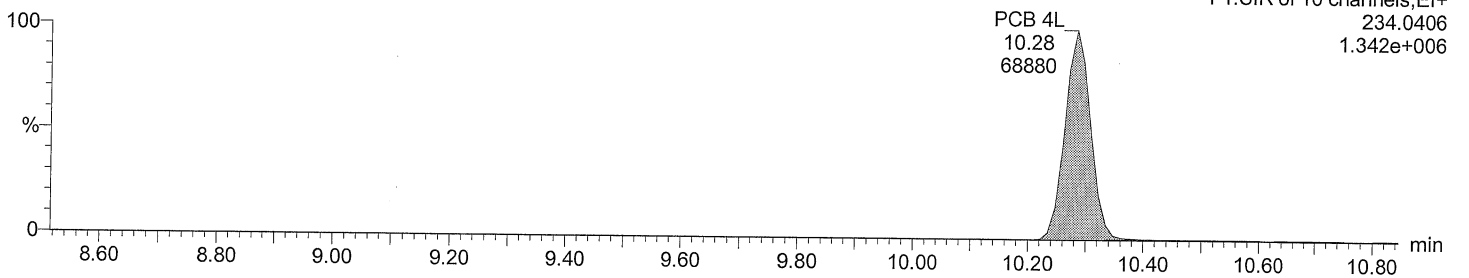
Total DiCB F1

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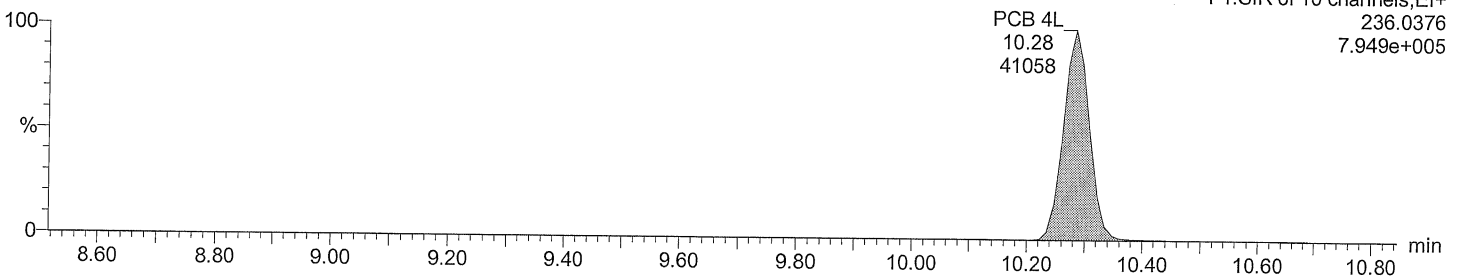
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M2160218DS003 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS003 Smooth(SG,3x1)



Acquired Date

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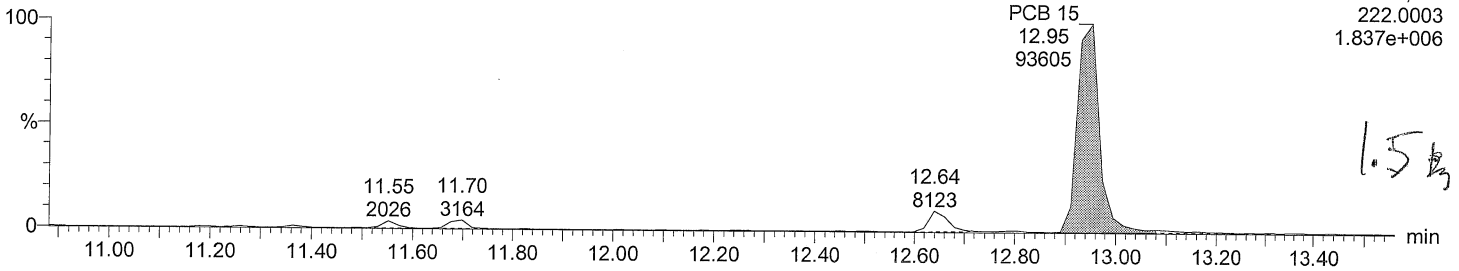
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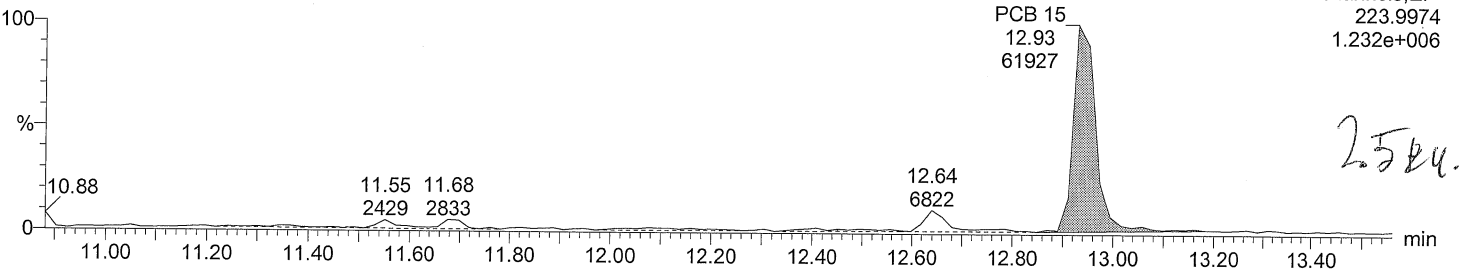
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M2160218DS003



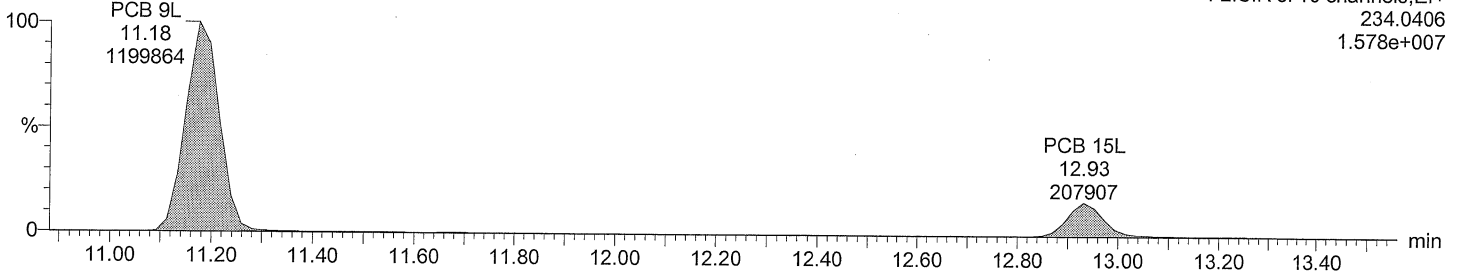
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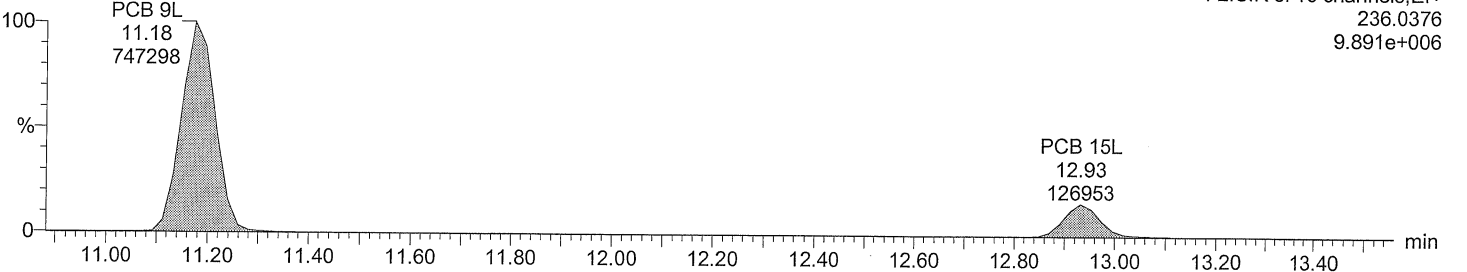
Total DiCB labeled F2

M2160218DS003 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS003 Smooth(SG,3x1)



Acquired Date

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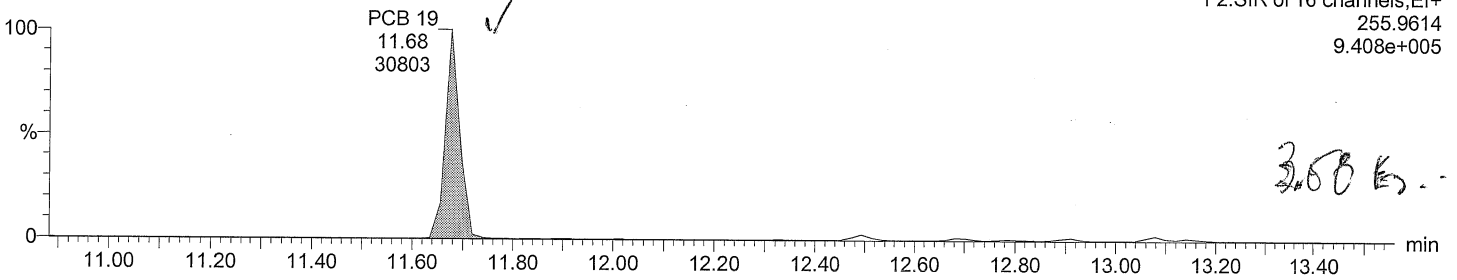
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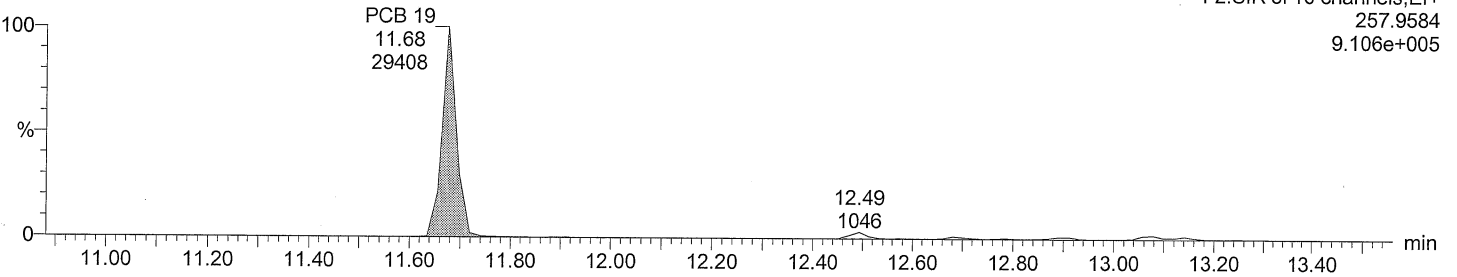
Total TriCB F2

M2160218DS003



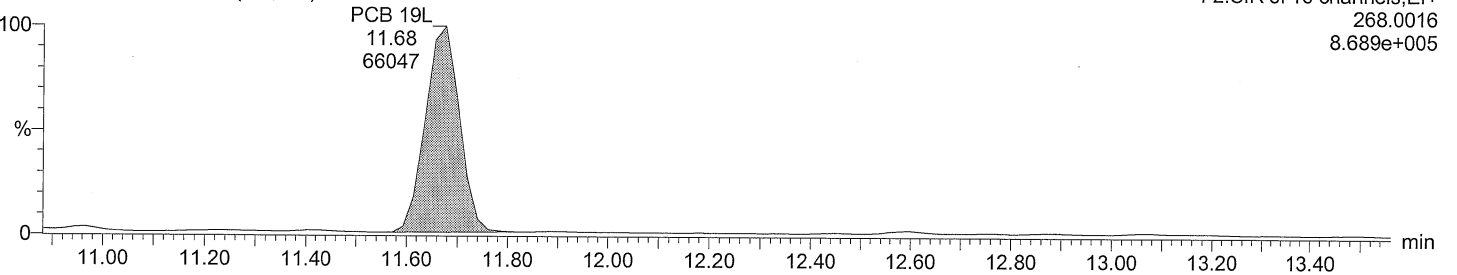
Total TriCB F2

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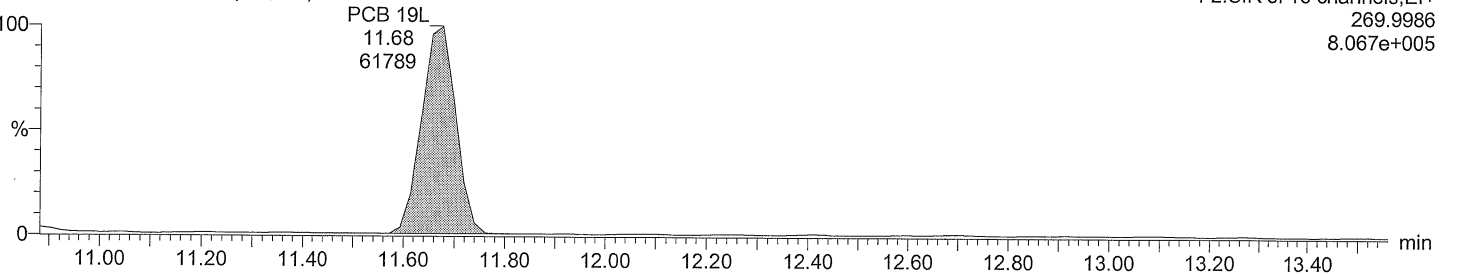
Total TriCB labeled F2

M2160218DS003 Smooth(SG,3x1)



Total TriCB labeled F2

M2160218DS003 Smooth(SG,3x1)





Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D\_\M2160218D\_samples\_1668A.qld

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ID: WS#4386412/4378609, Ti

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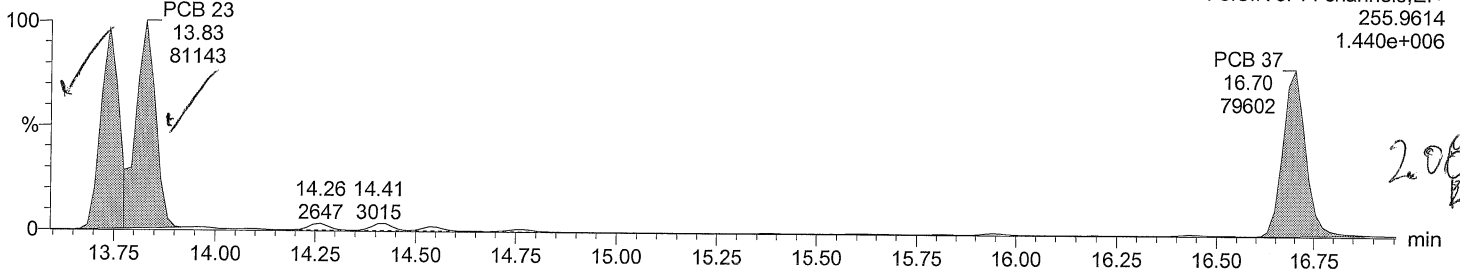
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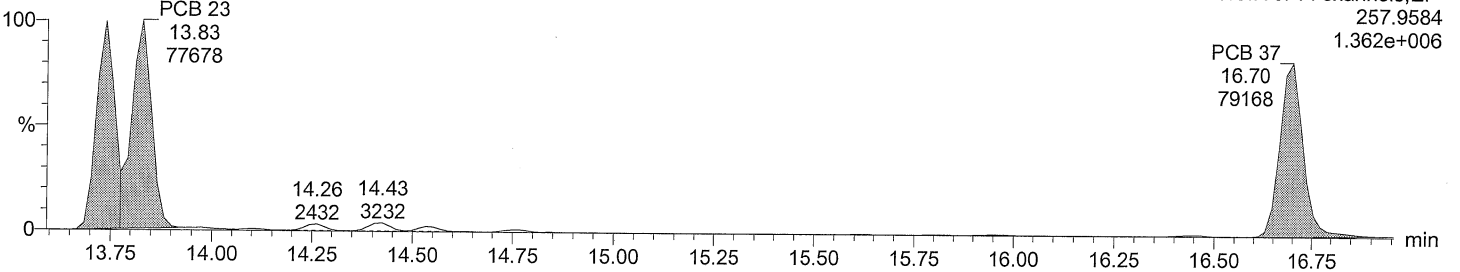
Total TriCB F3

M2160218DS003 Smooth(SG,1x1)



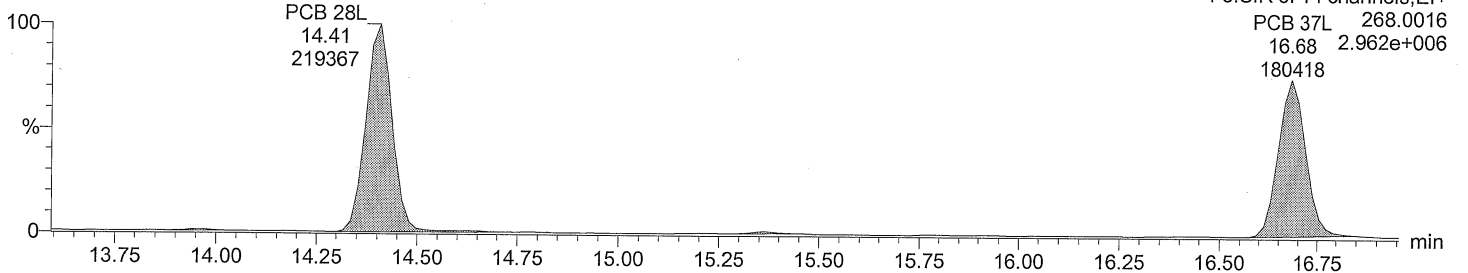
Total TriCB F3

M2160218DS003 Smooth(SG,1x1)



Total TriCB labeled F3

M2160218DS003 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS003 Smooth(SG,3x1)

