

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032319\
 Data File : PL046376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2019 19:44
 Operator : AJ\SJ
 Sample : K2014-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-026-SW038-031919MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 04:35:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.359	3.978	151.3E6	47860646	20.798	20.903
28)	SA Decachlor...	8.039	9.034	131.1E6	40056687	15.590	17.277
Target Compounds							
2)	A alpha-BHC	3.789	4.369	631.0E6	163.6E6	54.108	50.898
3)	MA gamma-BHC...	4.066	4.653	579.5E6	150.5E6	53.934	50.267
4)	MA Heptachlor	4.354	5.160	576.8E6	163.7E6	52.321	53.212
5)	MB Aldrin	4.594	5.463	543.0E6	151.5E6	52.639	52.890
6)	B beta-BHC	4.319	4.826	232.8E6	71762014	51.705	54.132
7)	B delta-BHC	4.515	5.042	502.8E6	107.1E6	49.669	46.148
8)	B Heptachlor...	5.031	5.850	493.9E6	124.4E6	50.641	47.156
9)	A Endosulfan I	5.363	6.206	458.4E6	135.1E6	48.757	51.769
10)	B gamma-Chl...	5.255	6.084	507.5E6	145.8E6	49.399	51.365
11)	B alpha-Chl...	5.311	6.156	497.4E6	145.7E6	49.061	51.346
12)	B 4,4'-DDE	5.478	6.314	465.0E6	127.6E6	50.505	51.422
13)	MA Dieldrin	5.603	6.463	522.3E6	142.4E6	52.042	52.527
14)	MA Endrin	5.856	6.680	479.2E6	124.6E6	50.878	52.140
15)	B Endosulfa...	6.130	6.891	438.5E6	120.5E6	48.944	49.925
16)	A 4,4'-DDD	5.989	6.804	369.8E6	106.2E6	48.928	52.794
17)	MA 4,4'-DDT	6.224	7.103	390.9E6	94619330	51.607	45.122
18)	B Endrin al...	6.298	7.015	357.8E6	100.3E6	47.735	47.238
19)	B Endosulfa...	6.509	7.238	418.2E6	101.4E6	50.932	42.986
20)	A Methoxychlor	6.769	7.561	208.5E6	60172038	49.070	47.202
21)	B Endrin ke...	6.992	7.707	439.6E6	118.8E6	47.542	47.805
22)	Mirex	7.169	8.159	295.6E6	84999906	40.570	42.496
23)	Chlordane-1	4.233f	0.000	7710569	0	22.928	N.D. #
24)	Chlordane-2	0.000	5.463f	0	151.5E6	N.D.	1297.229 #
25)	Chlordane-3	5.255	6.084	507.5E6	145.8E6	455.659	382.351
26)	Chlordane-4	5.311	6.156	497.4E6	145.7E6	481.049	315.655 #
27)	Chlordane-5	6.130	0.000	438.5E6	0	1284.970	N.D. #

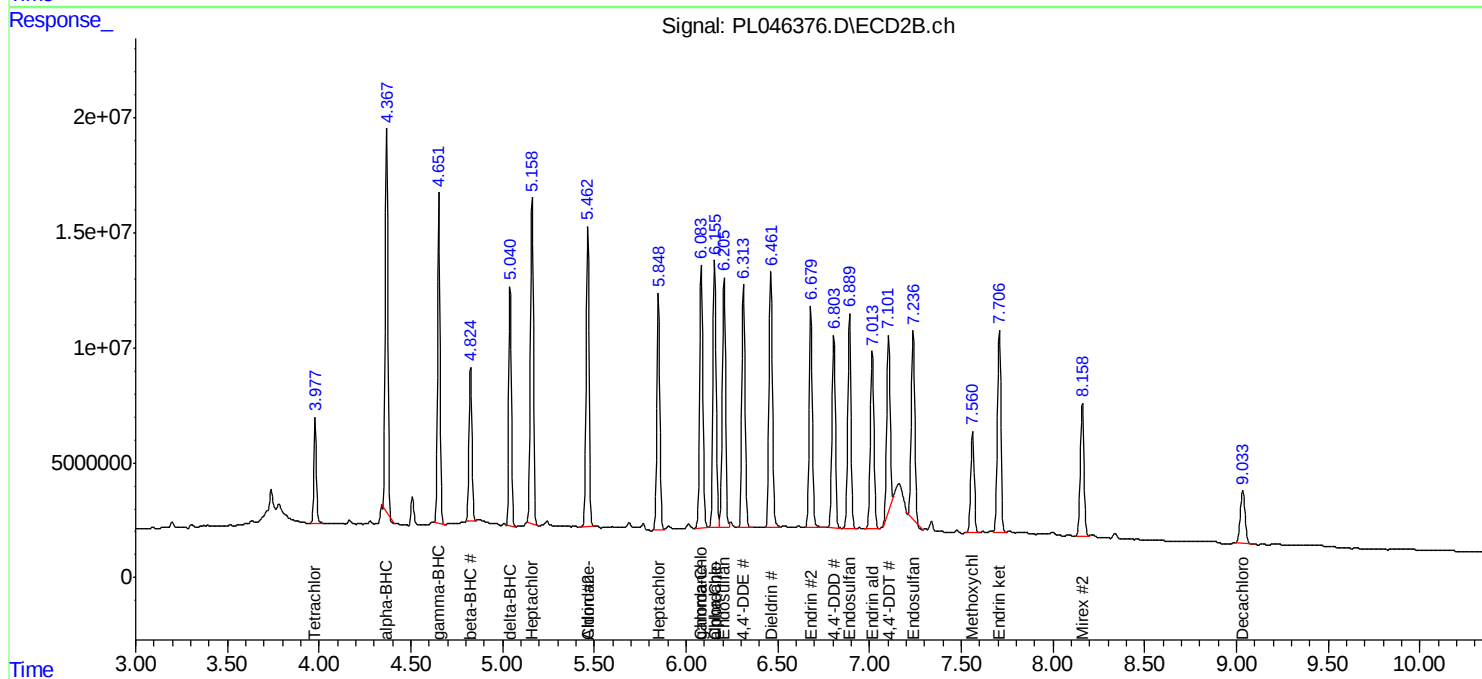
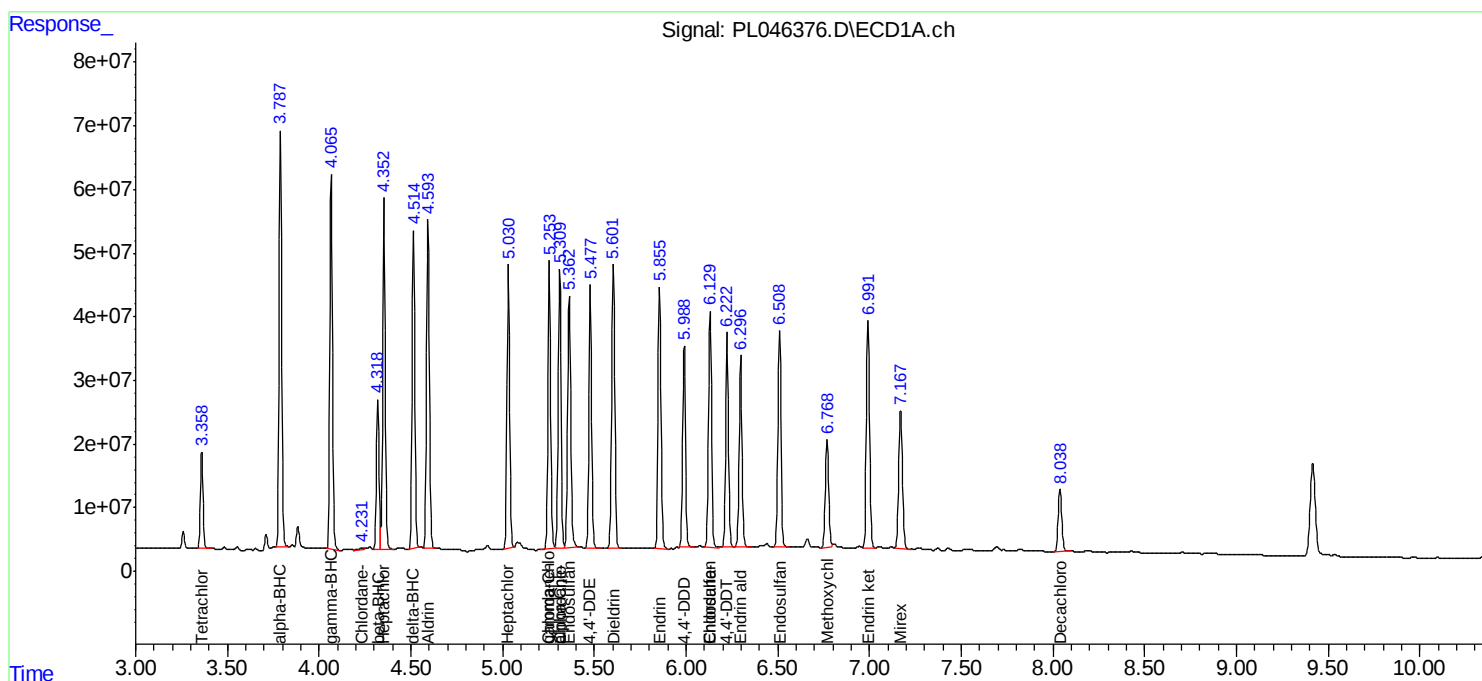
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

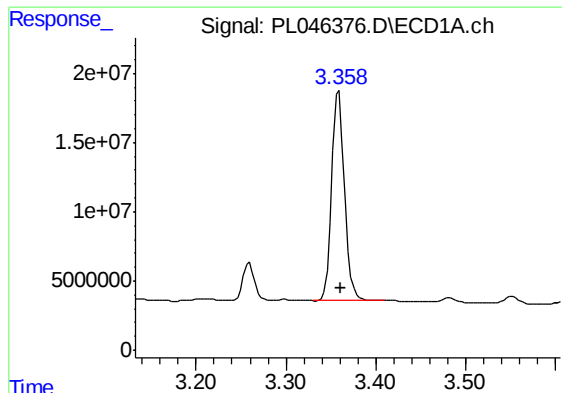
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032319\
Data File : PL046376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2019 19:44
Operator : AJ\SJ
Sample : K2014-05MS
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ALS Vial : 19 Sample Multiplier: 1

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ECD_L
ClientSampleId :
PST-026-SW038-031919MS

Integration File signal 1: autoint1.e
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Quant Time: Mar 25 04:35:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

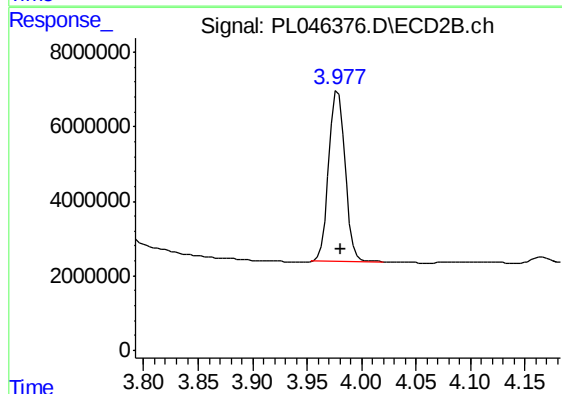




#1 Tetrachloro-m-xylene

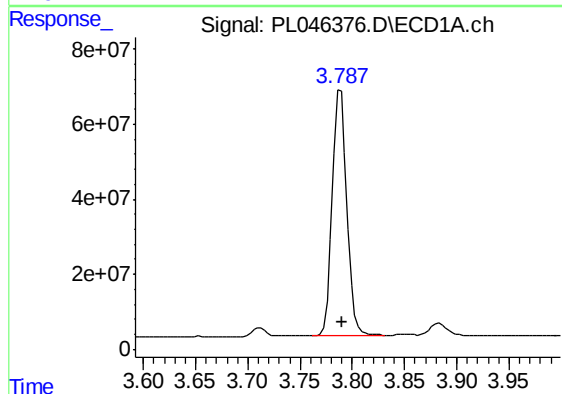
R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 151300134
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



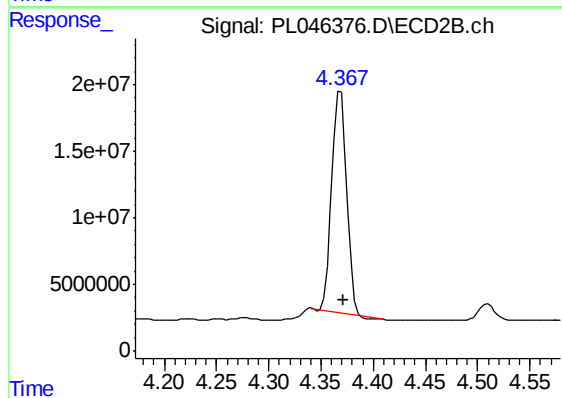
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 47860646
Conc: 20.90 ng/ml



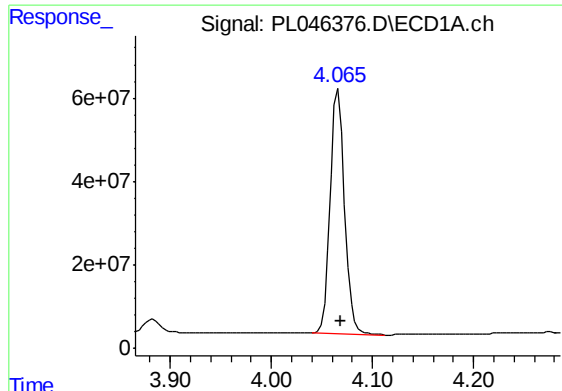
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 631010873
Conc: 54.11 ng/ml



#2 alpha-BHC

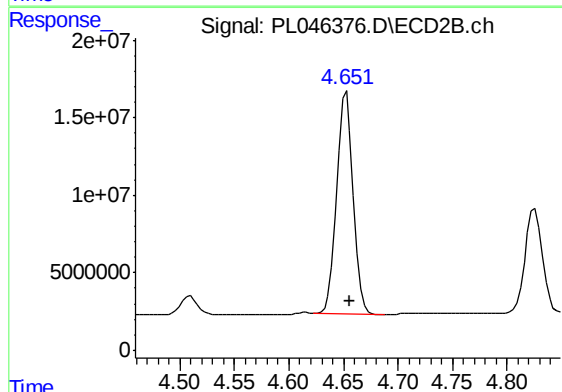
R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 163550158
Conc: 50.90 ng/ml



#3 gamma-BHC (Lindane)

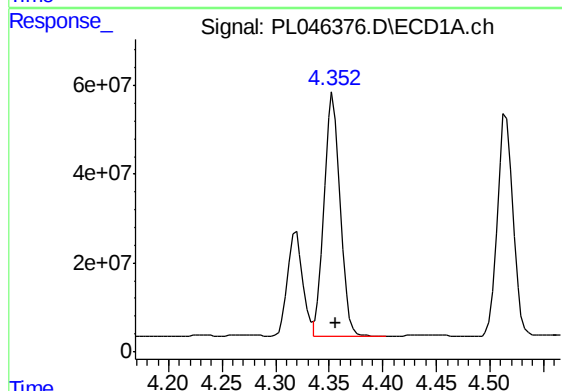
R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 579498733
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



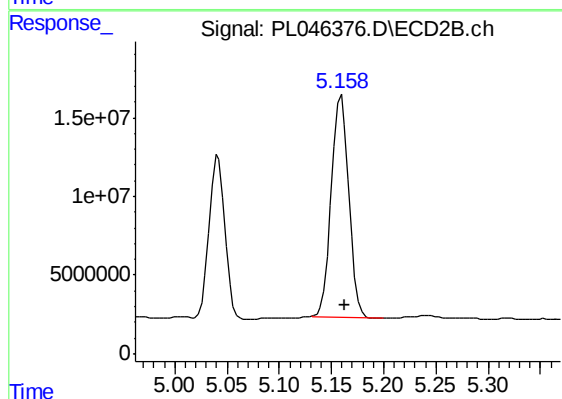
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.003 min
Response: 150450301
Conc: 50.27 ng/ml



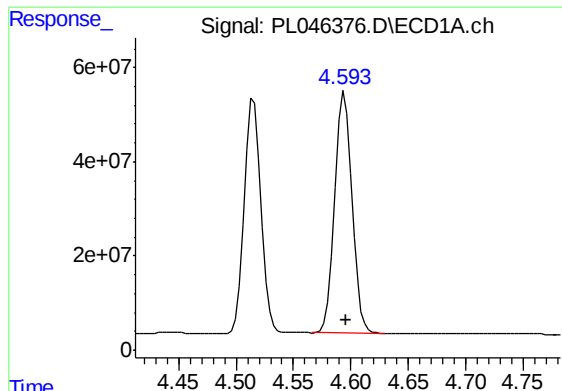
#4 Heptachlor

R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 576845906
Conc: 52.32 ng/ml



#4 Heptachlor

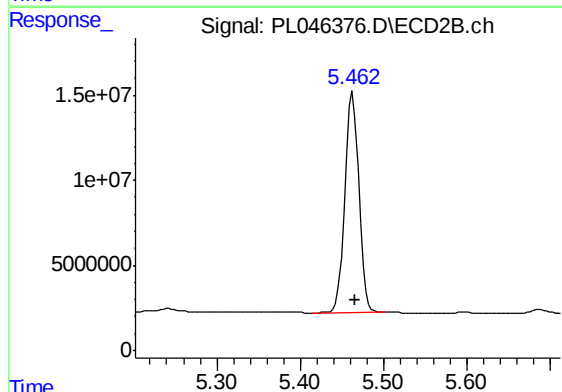
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 163675304
Conc: 53.21 ng/ml



#5 Aldrin

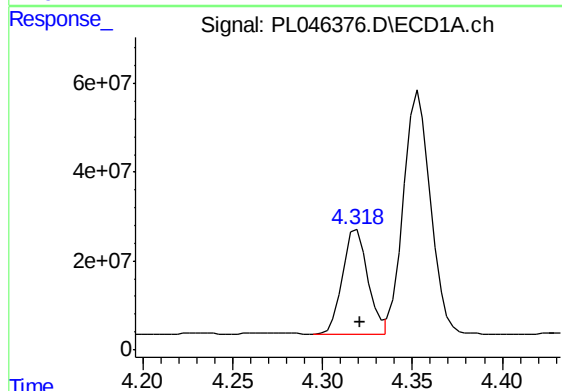
R.T.: 4.594 min
Delta R.T.: -0.002 min
Response: 542965152
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



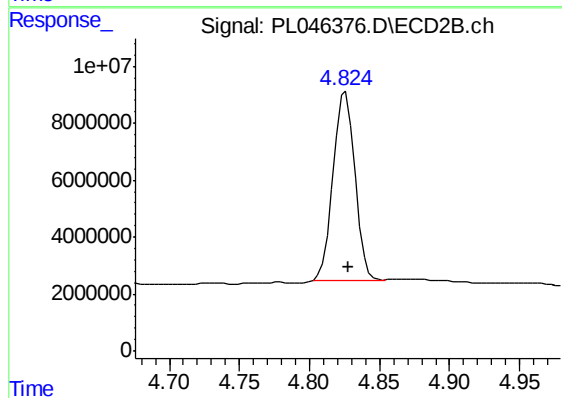
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 151528328
Conc: 52.89 ng/ml



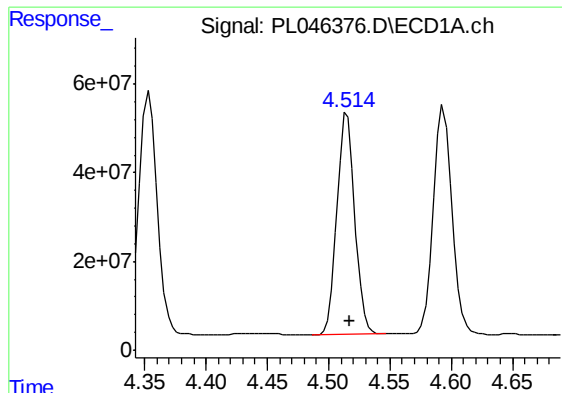
#6 beta-BHC

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 232798349
Conc: 51.71 ng/ml



#6 beta-BHC

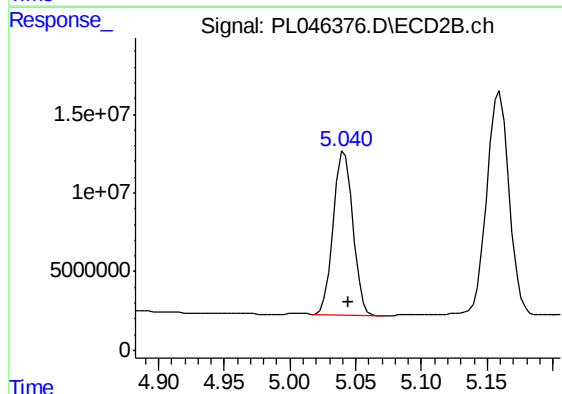
R.T.: 4.826 min
Delta R.T.: -0.002 min
Response: 71762014
Conc: 54.13 ng/ml



#7 delta-BHC

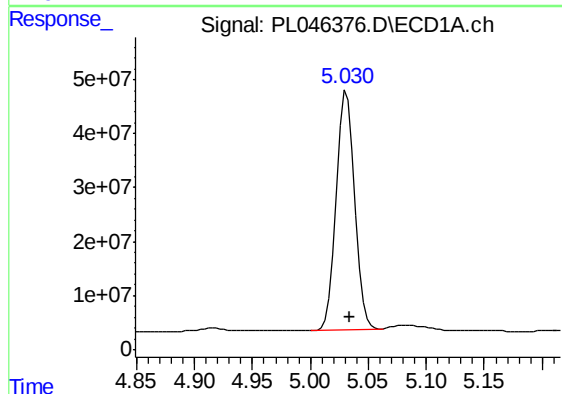
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 502801446
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



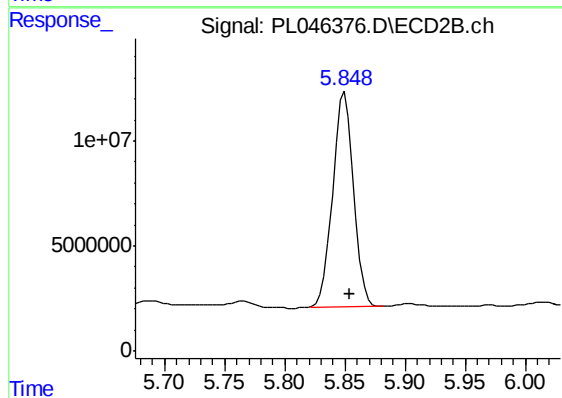
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 107070702
Conc: 46.15 ng/ml



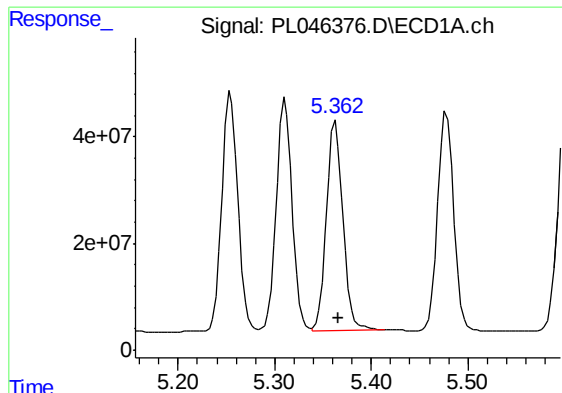
#8 Heptachlor epoxide

R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 493925792
Conc: 50.64 ng/ml



#8 Heptachlor epoxide

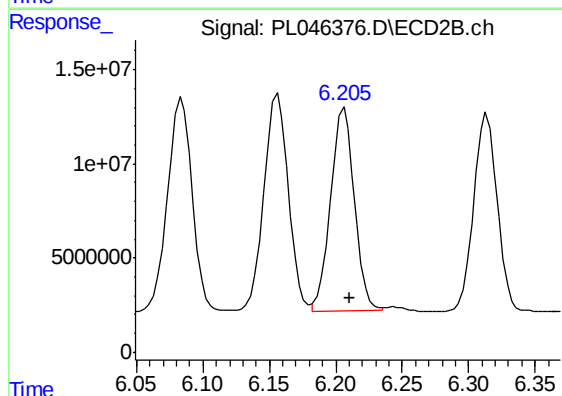
R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 124358131
Conc: 47.16 ng/ml



#9 Endosulfan I

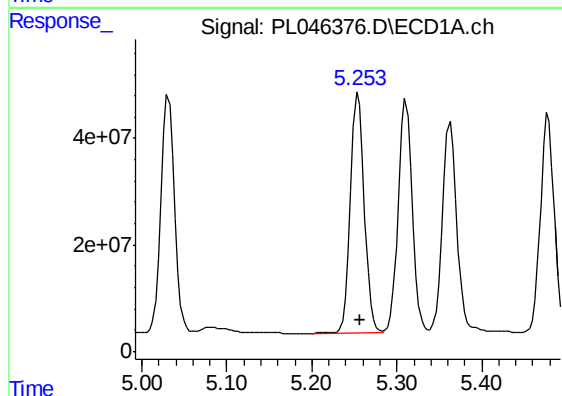
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 458427607
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



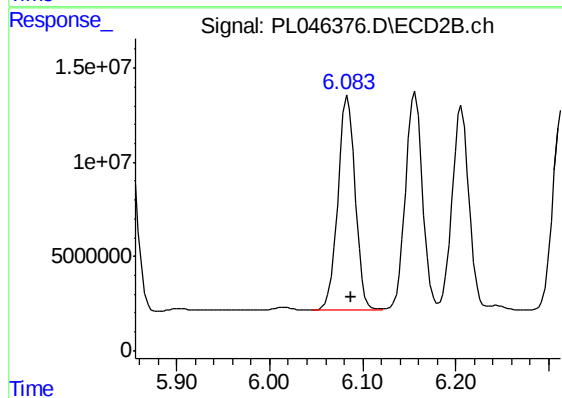
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 135110571
Conc: 51.77 ng/ml



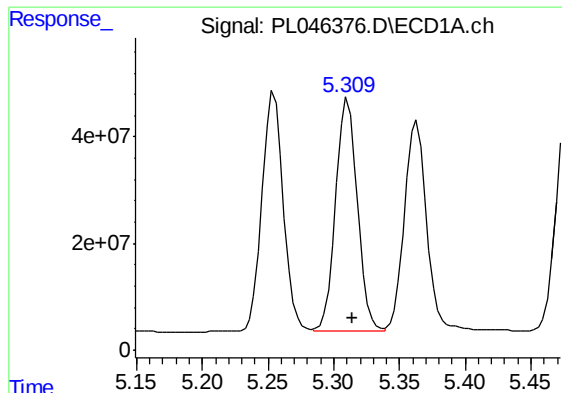
#10 gamma-Chlordane

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 507455247
Conc: 49.40 ng/ml



#10 gamma-Chlordane

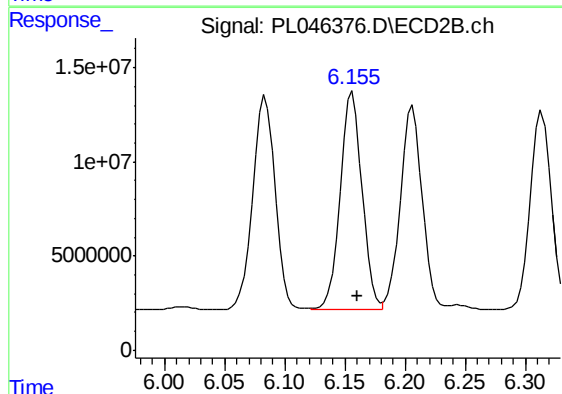
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 145778119
Conc: 51.36 ng/ml



#11 alpha-Chlordane

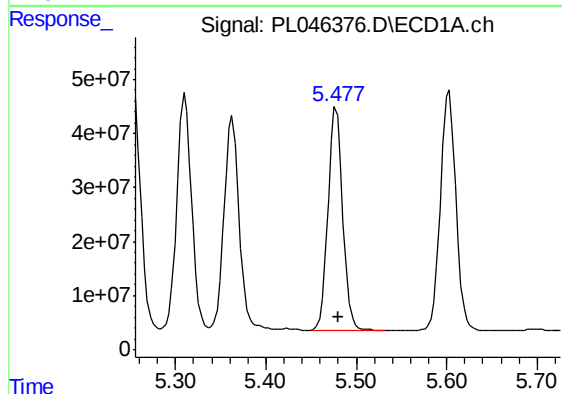
R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 497433277
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



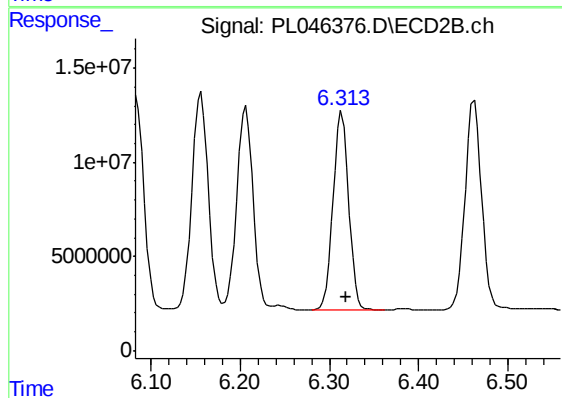
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 145650955
Conc: 51.35 ng/ml



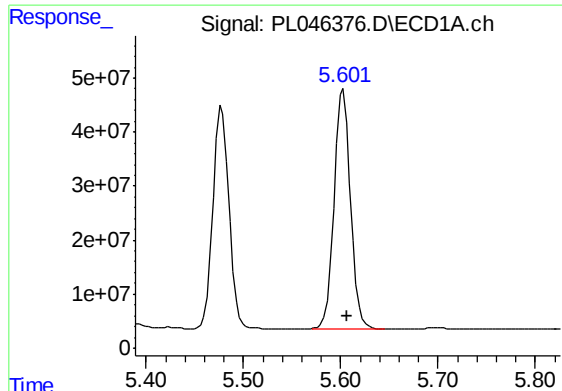
#12 4,4'-DDE

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 464995740
Conc: 50.50 ng/ml



#12 4,4'-DDE

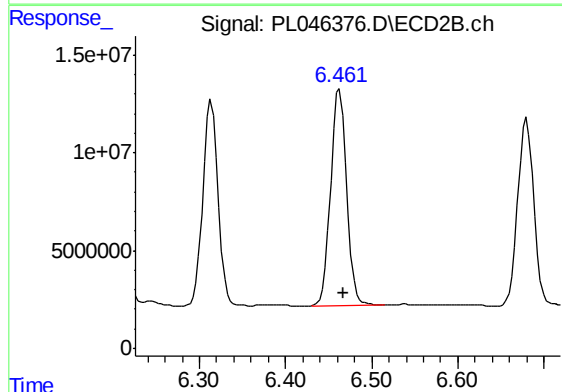
R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 127646962
Conc: 51.42 ng/ml



#13 Dielddrin

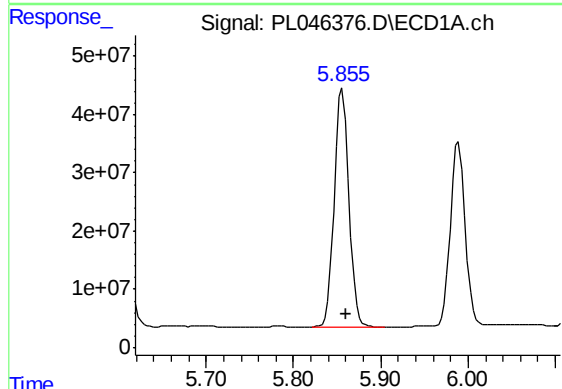
R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 522273384
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



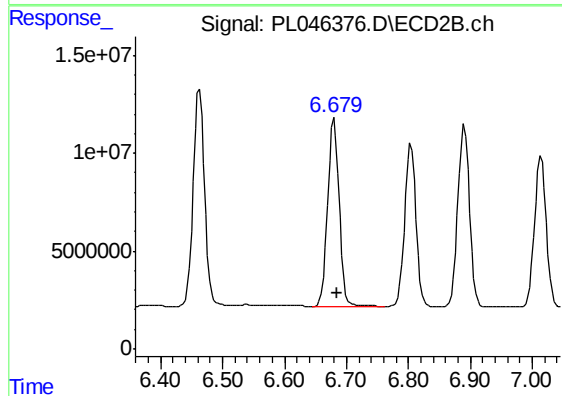
#13 Dielddrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 142383820
Conc: 52.53 ng/ml



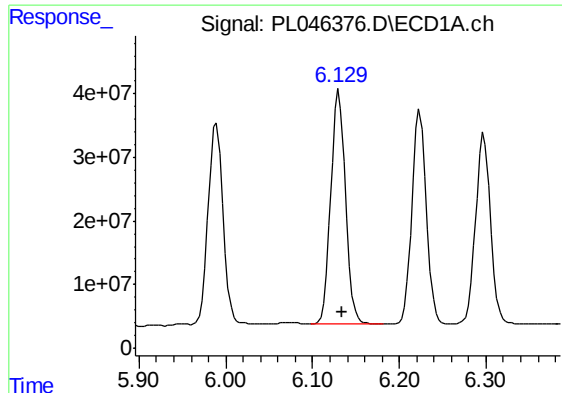
#14 Endrin

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 479230461
Conc: 50.88 ng/ml



#14 Endrin

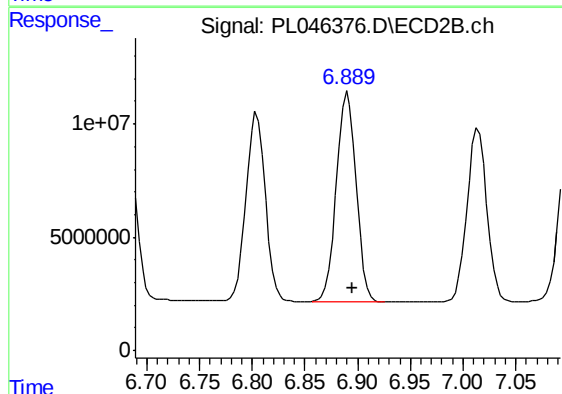
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 124603215
Conc: 52.14 ng/ml



#15 Endosulfan II

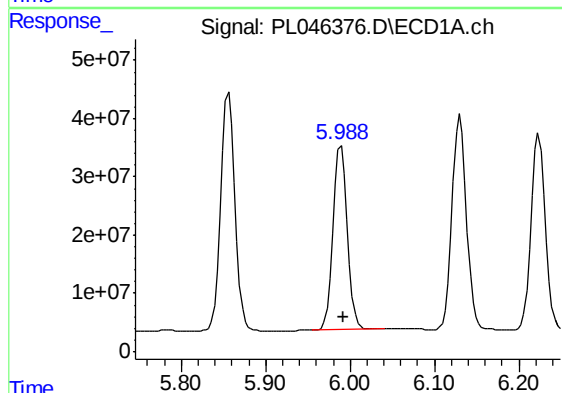
R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 438517802
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



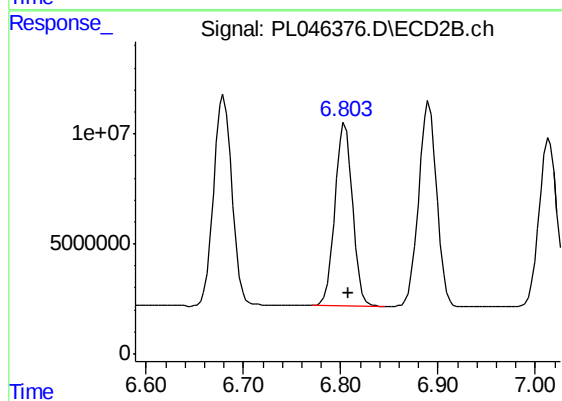
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 120462485
Conc: 49.92 ng/ml



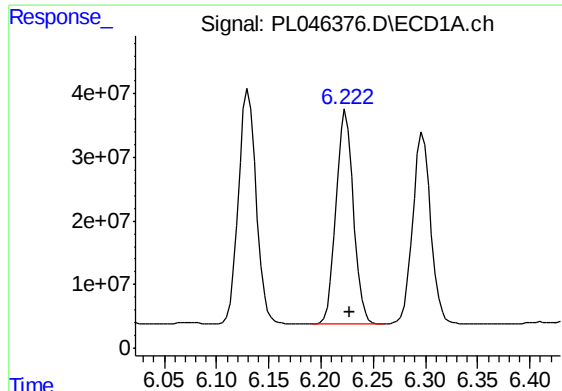
#16 4,4'-DDD

R.T.: 5.989 min
Delta R.T.: -0.003 min
Response: 369846194
Conc: 48.93 ng/ml



#16 4,4'-DDD

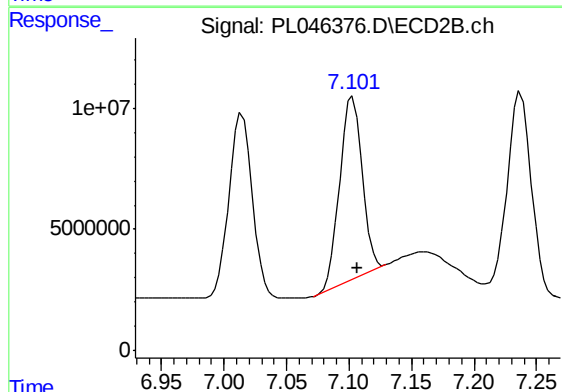
R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 106223020
Conc: 52.79 ng/ml



#17 4,4'-DDT

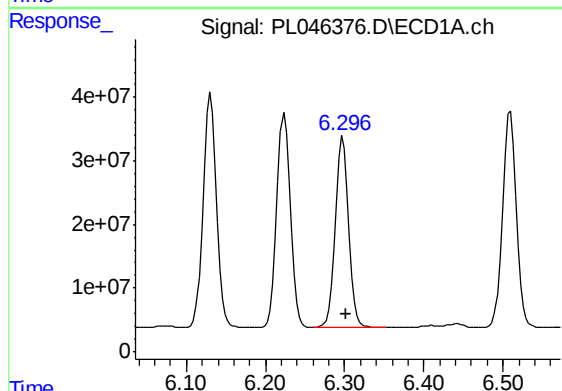
R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 390890679
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



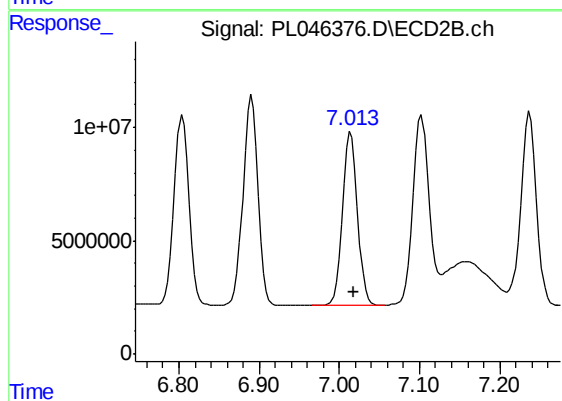
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 94619330
Conc: 45.12 ng/ml



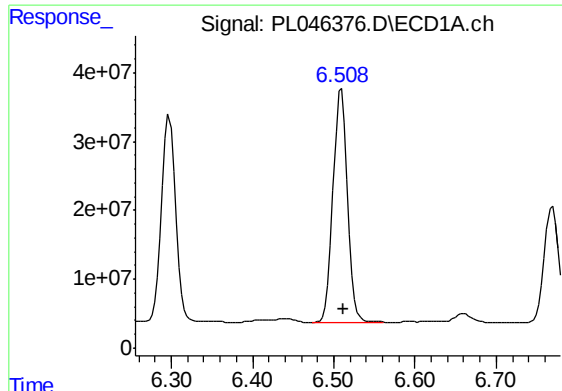
#18 Endrin aldehyde

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 357783300
Conc: 47.74 ng/ml



#18 Endrin aldehyde

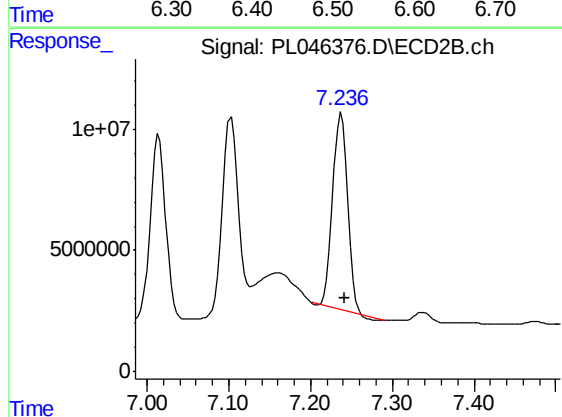
R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 100332379
Conc: 47.24 ng/ml



#19 Endosulfan Sulfate

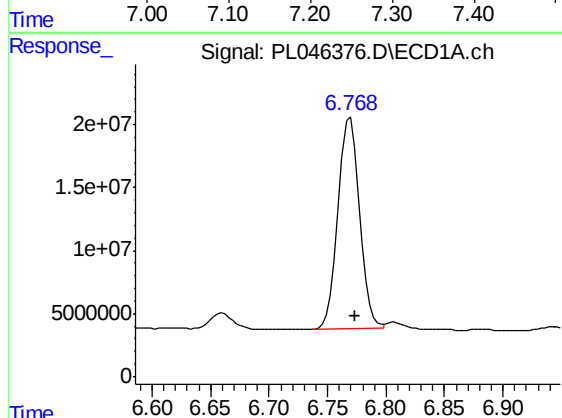
R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 418214777
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



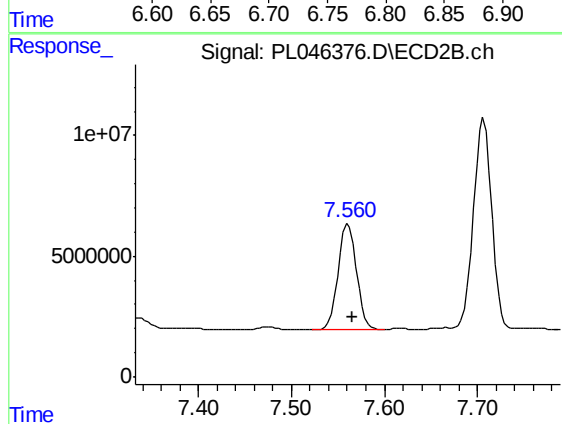
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 101403421
Conc: 42.99 ng/ml



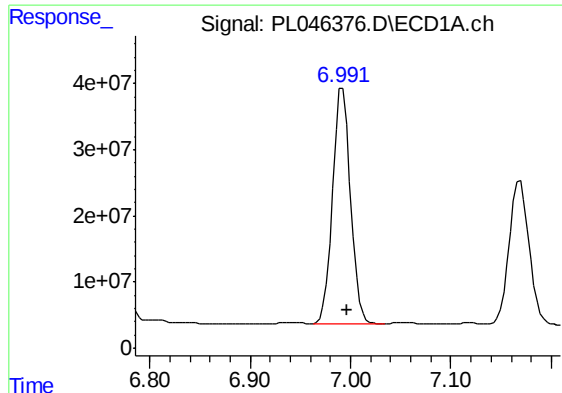
#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 208541796
Conc: 49.07 ng/ml



#20 Methoxychlor

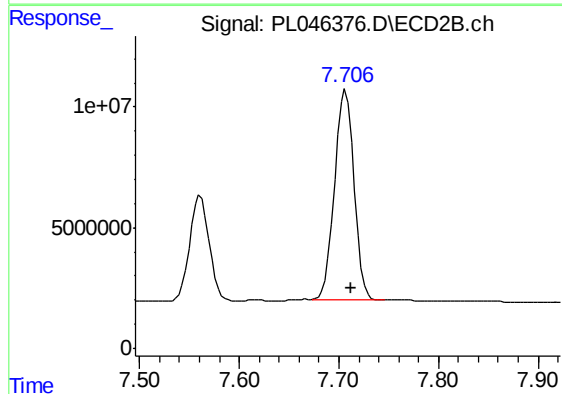
R.T.: 7.561 min
Delta R.T.: -0.004 min
Response: 60172038
Conc: 47.20 ng/ml



#21 Endrin ketone

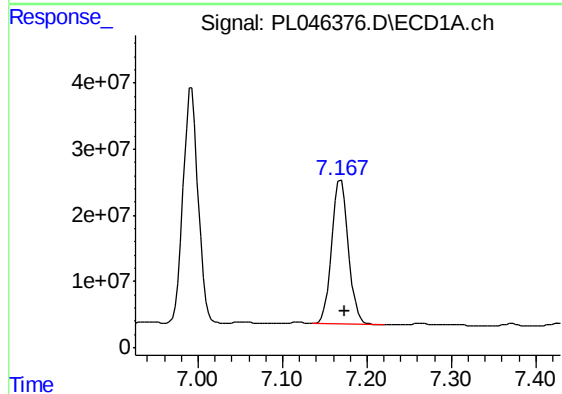
R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 439615120
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



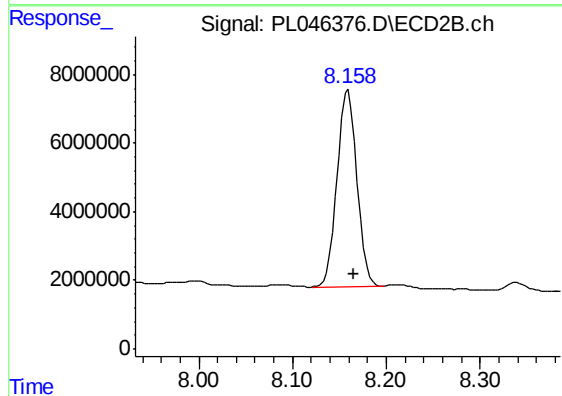
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: -0.005 min
Response: 118773198
Conc: 47.80 ng/ml



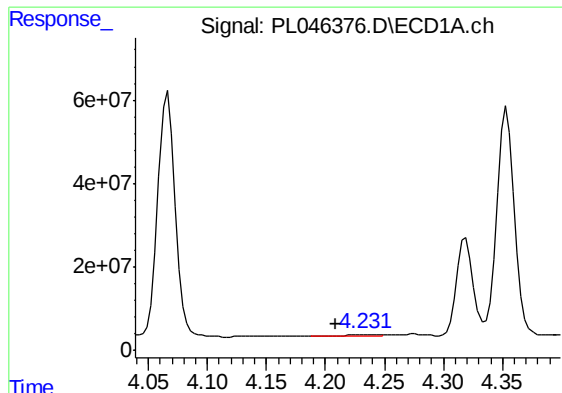
#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 295574949
Conc: 40.57 ng/ml



#22 Mirex

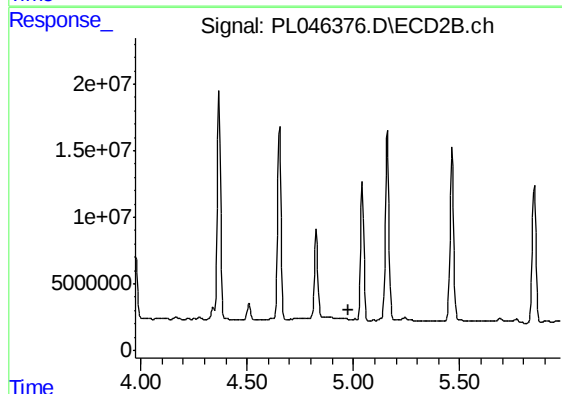
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 84999906
Conc: 42.50 ng/ml



#23 Chlordane-1

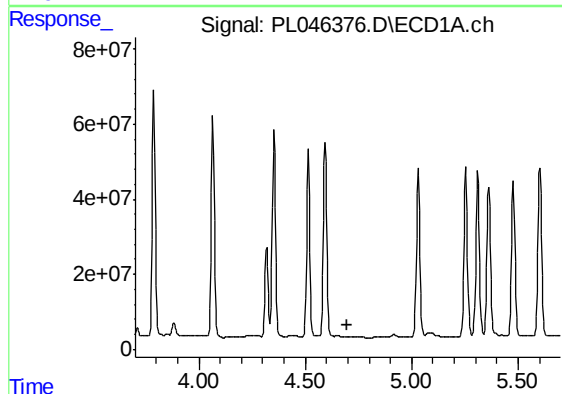
R.T.: 4.233 min
Delta R.T.: 0.024 min
Response: 7710569
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



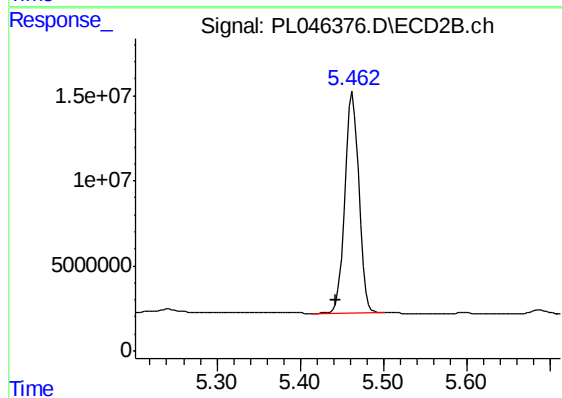
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.975 min
Response: 0
Conc: N.D.



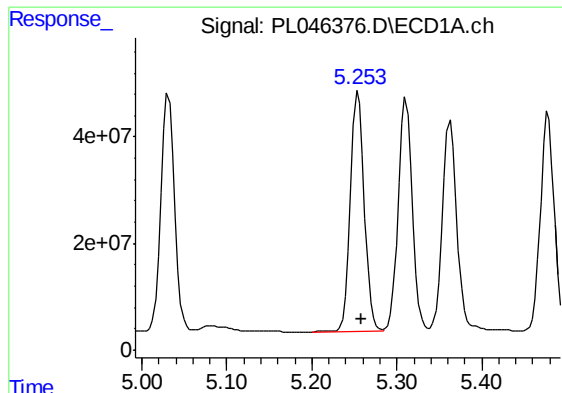
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#24 Chlordane-2

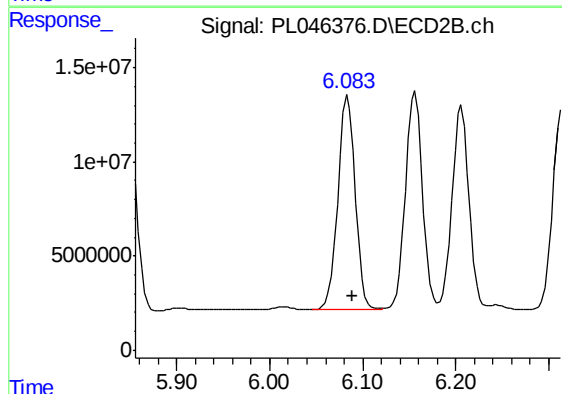
R.T.: 5.463 min
Delta R.T.: 0.021 min
Response: 151528328
Conc: 1297.23 ng/ml



#25 Chlordane-3

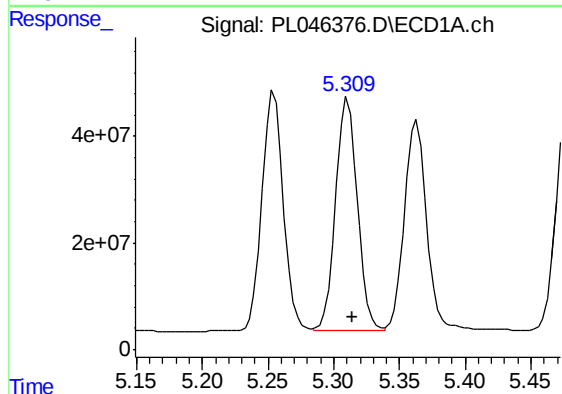
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 507455247
Conc: 455.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



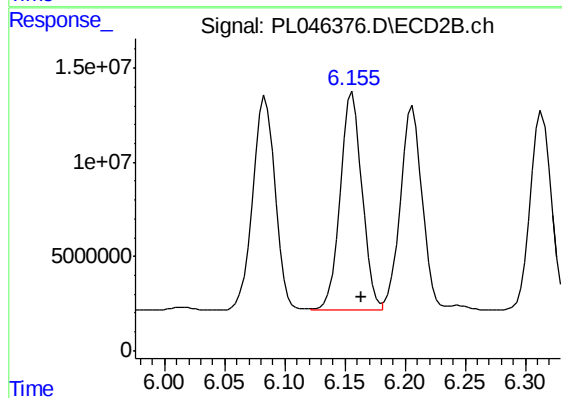
#25 Chlordane-3

R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 145778119
Conc: 382.35 ng/ml



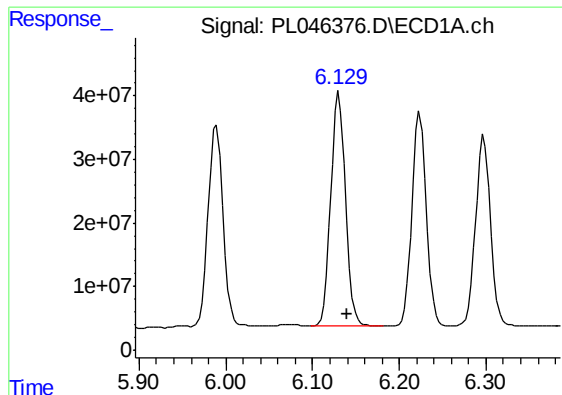
#26 Chlordane-4

R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 497433277
Conc: 481.05 ng/ml



#26 Chlordane-4

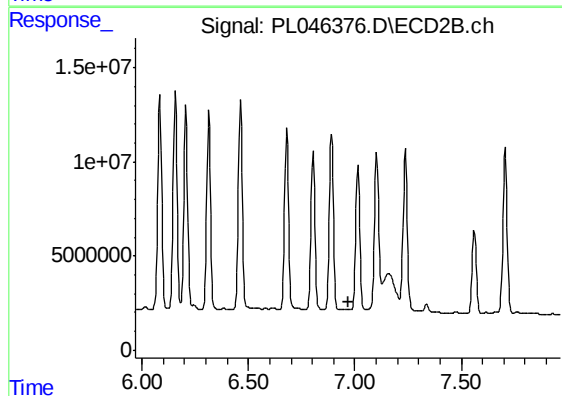
R.T.: 6.156 min
Delta R.T.: -0.007 min
Response: 145650955
Conc: 315.65 ng/ml



#27 Chlordane-5

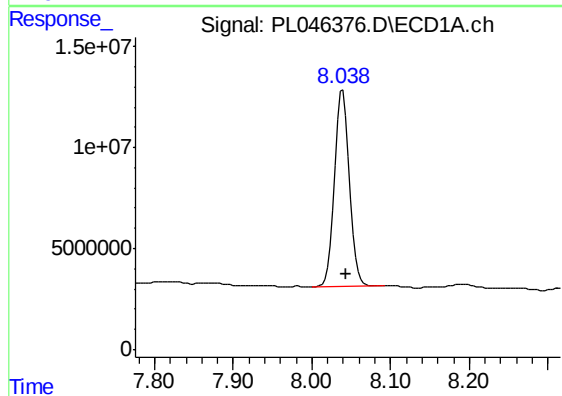
R.T.: 6.130 min
Delta R.T.: -0.009 min
Response: 438517802
Conc: 1284.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-026-SW038-031919MS



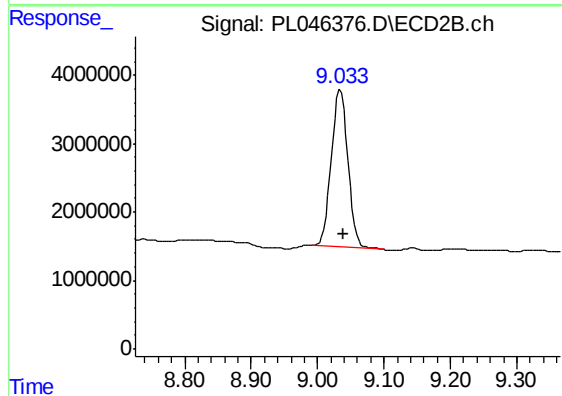
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.039 min
Delta R.T.: -0.005 min
Response: 131126496
Conc: 15.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 40056687
Conc: 17.28 ng/ml