

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL1121919\
 Data File : PL055118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 12:52
 Operator : SG\AJ
 Sample : K6284-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 42-SPRUCEMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 03:55:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 18 14:58:42 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...	3.535	4.048	223.9E6	61289006	19.249	24.018
28)	SA Decachlor...	8.312	9.146	204.8E6	49602480	21.384	20.690
Target Compounds							
2)	A alpha-BHC	3.978	4.439	822.9E6	203.1E6	43.349	57.339 #
3)	MA gamma-BHC...	4.264	4.725	743.8E6	195.7E6	43.634	60.018 #
4)	MA Heptachlor	4.569	5.234	924.7E6	173.2E6	52.438	57.404
5)	MB Aldrin	4.820	5.533	854.6E6	380.8E6	52.428	136.678 #
6)	B beta-BHC	4.515	4.896	336.4E6	73543199	45.353	52.224
7)	B delta-BHC	4.722	5.114	541.1E6	143.3E6	33.288	53.730 #
8)	B Heptachlor...	5.266	5.926	5167.7E6	1347.8E6	341.637	539.521 #
9)	A Endosulfan I	5.636f	6.282	406.9E6	184.2E6	29.836	74.464 #
10)	B gamma-Chl...	5.498	6.160	10996.0E6	3971.5E6	725.132	1507.562 #
11)	B alpha-Chl...	5.553	6.234	17012.4E6	5508.7E6	1153.708	2098.018 #
12)	B 4,4'-DDE	5.715	6.388	612.9E6	147.8E6	46.069	59.714 #
13)	MA Dieldrin	5.851	6.541	722.8E6	135.5E6	50.972	53.249
14)	MA Endrin	6.107	6.760	908.3E6	60235405	71.329	27.189 #
15)	B Endosulfa...	6.392	6.970	4760.3E6	255.8E6	393.409	108.791 #
16)	A 4,4'-DDD	6.233	6.885	165.6E6	100.4E6	16.954	52.284 #
17)	MA 4,4'-DDT	6.475	7.178	669.0E6	175.2E6	63.861	88.424 #
18)	B Endrin al...	6.550	7.094	720.8E6	157.5E6	72.782	80.326
19)	B Endosulfa...	6.765	7.318	319.5E6	157.1E6	29.838	74.083 #
20)	A Methoxychlor	7.018	7.642	237.3E6	56232977	47.342	49.297
21)	B Endrin ke...	7.258	7.792	327.4E6	143.4E6	30.124	63.713 #
22)	Mirex	7.450	8.249	326.2E6	79838098	40.176	46.194
23)	Chlordane-1	4.416	5.044	672.6E6	154.5E6	1567.283	1505.388
24)	Chlordane-2	4.928	5.509	1416.6E6	138.0E6	3018.383	1298.959 #
25)	Chlordane-3	5.498	6.160	10996.0E6	3971.5E6	8158.878	10832.084 #
26)	Chlordane-4	5.553	6.234	17012.4E6	5508.7E6	15344.295	12667.093
27)	Chlordane-5	6.392	7.042	4760.3E6	980.2E6	12871.481	12970.057

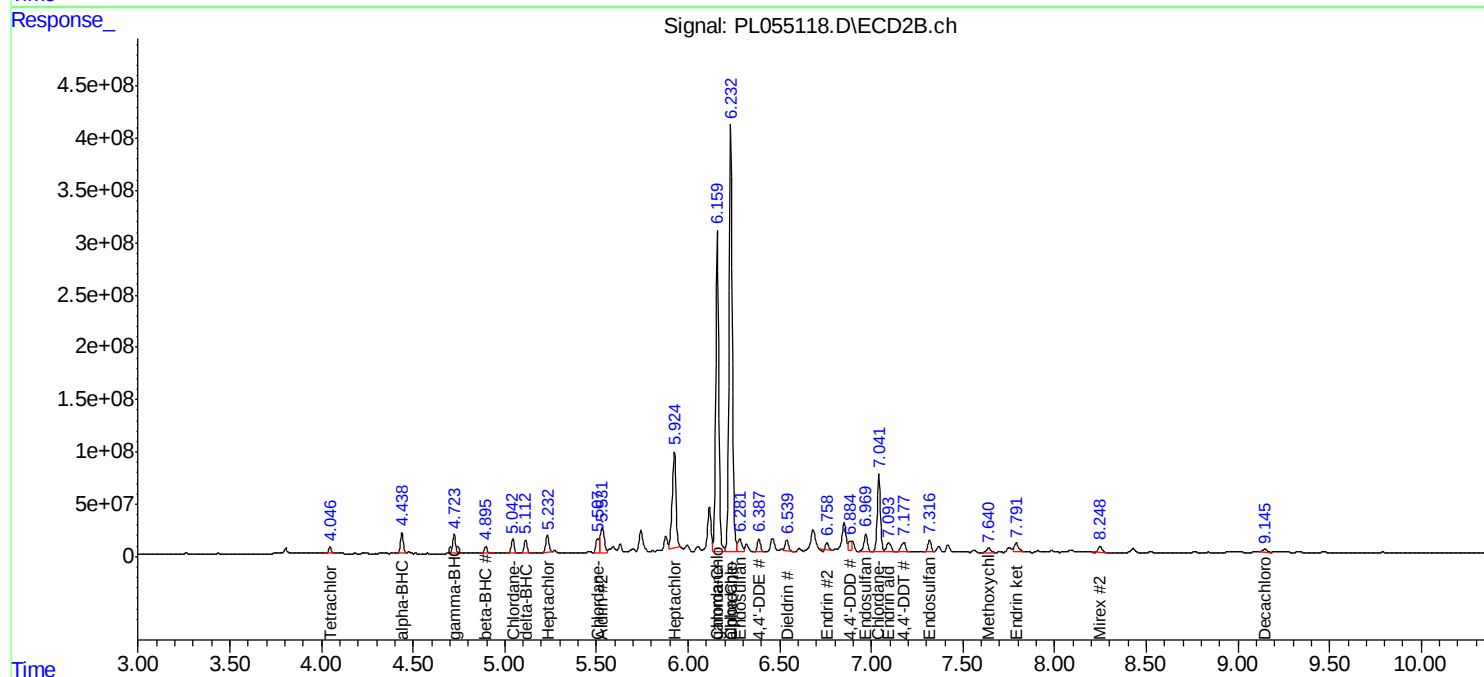
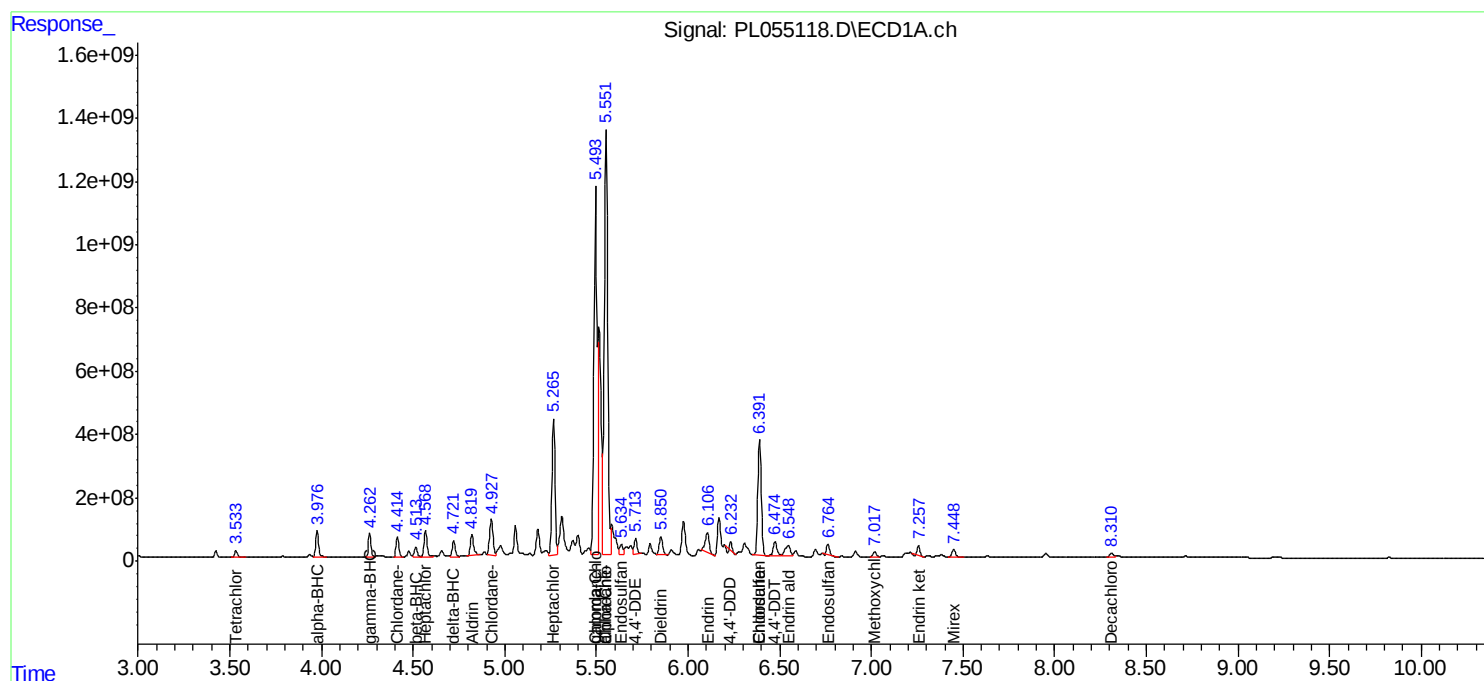
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

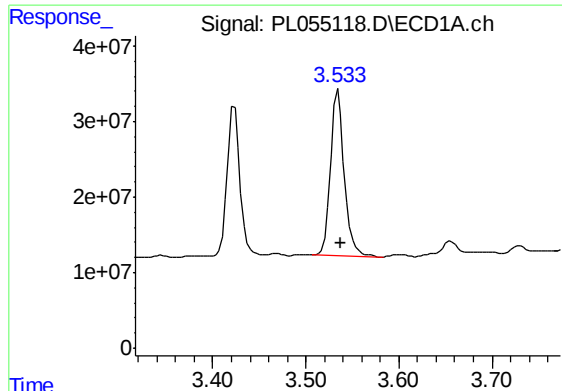
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121919\
Data File : PL055118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2019 12:52
Operator : SG\AJ
Sample : K6284-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
42-SPRUCMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 03:55:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Dec 18 14:58:42 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

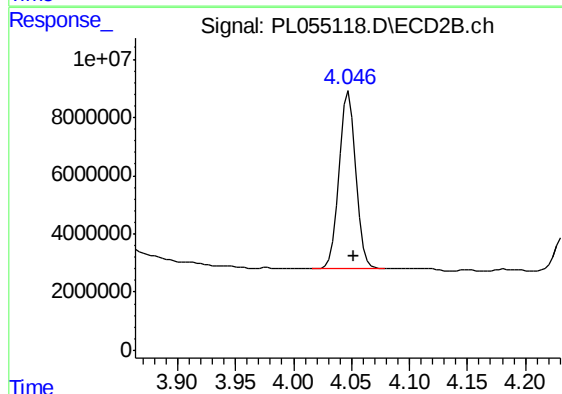




#1 Tetrachloro-m-xylene

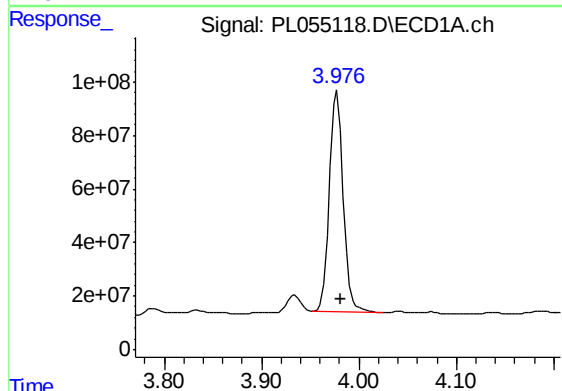
R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 223941356
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



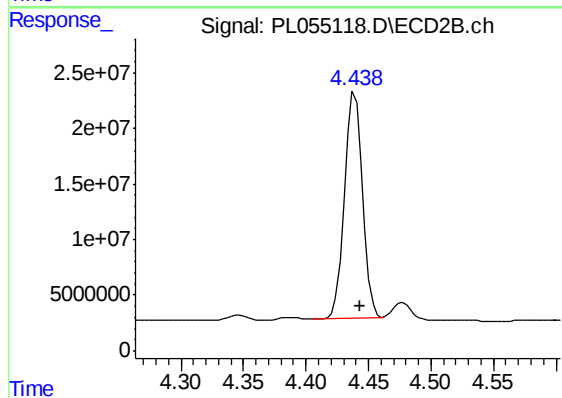
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 61289006
Conc: 24.02 ng/ml



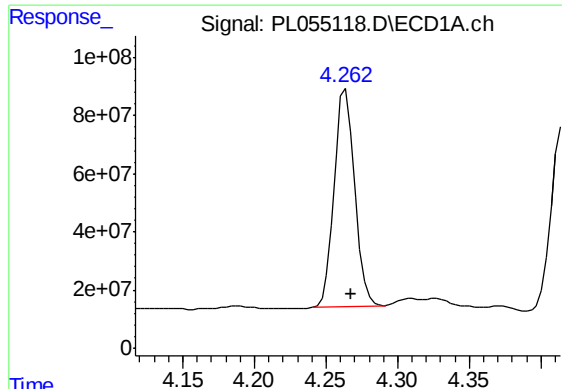
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 822948597
Conc: 43.35 ng/ml



#2 alpha-BHC

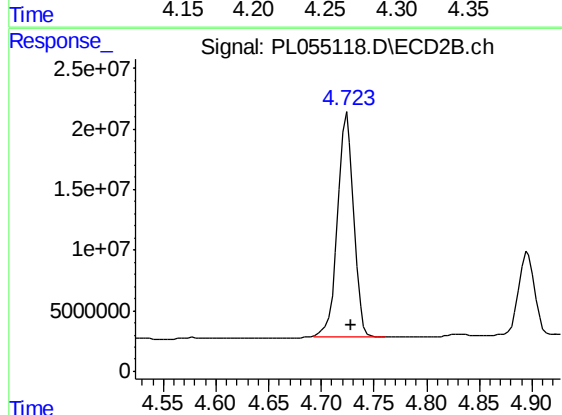
R.T.: 4.439 min
Delta R.T.: -0.004 min
Response: 203139242
Conc: 57.34 ng/ml



#3 gamma-BHC (Lindane)

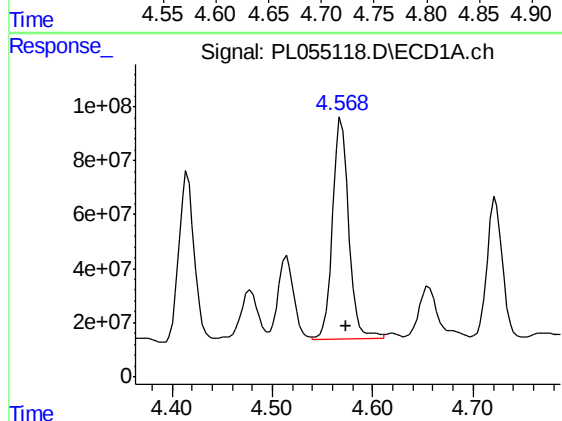
R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 743785958
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



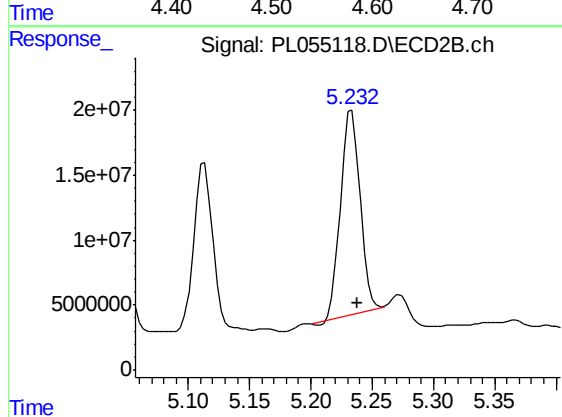
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 195690777
Conc: 60.02 ng/ml



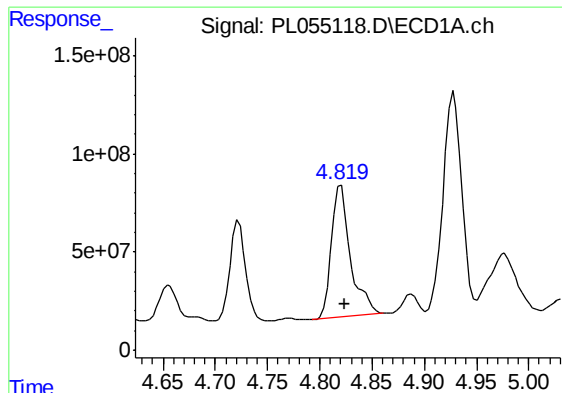
#4 Heptachlor

R.T.: 4.569 min
Delta R.T.: -0.004 min
Response: 924662489
Conc: 52.44 ng/ml



#4 Heptachlor

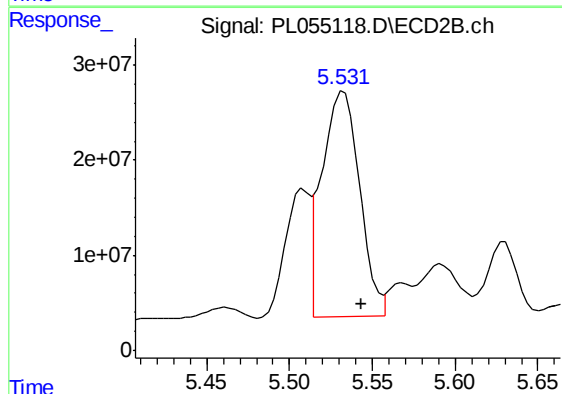
R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 173245519
Conc: 57.40 ng/ml



#5 Aldrin

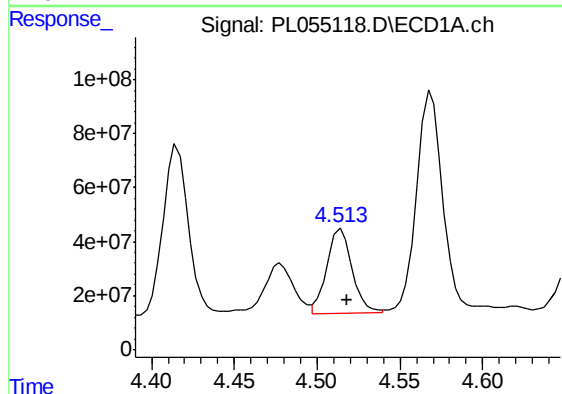
R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 854580130
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



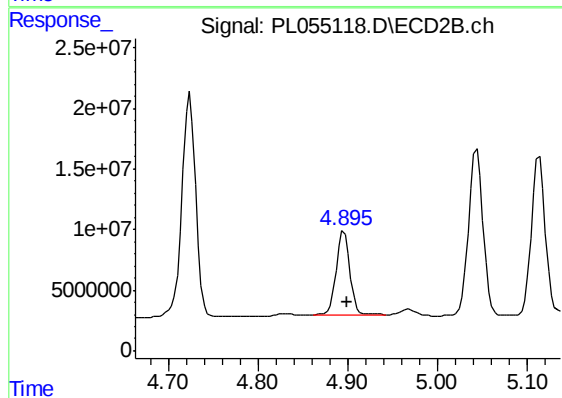
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: -0.011 min
Response: 380849478
Conc: 136.68 ng/ml



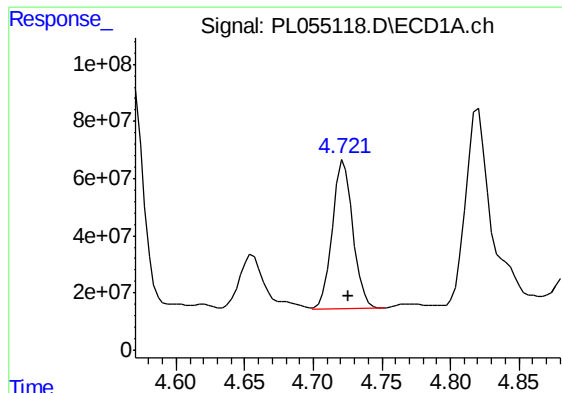
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.004 min
Response: 336376182
Conc: 45.35 ng/ml



#6 beta-BHC

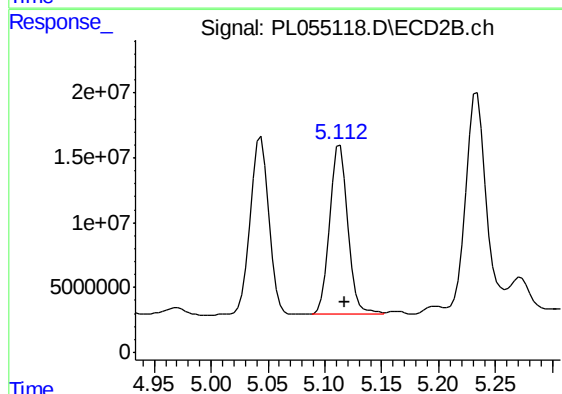
R.T.: 4.896 min
Delta R.T.: -0.003 min
Response: 73543199
Conc: 52.22 ng/ml



#7 delta-BHC

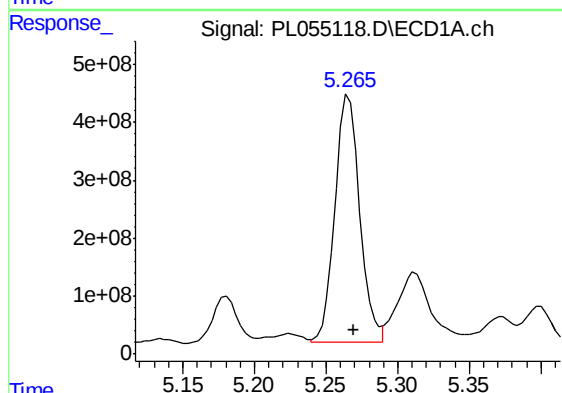
R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 541094077
Conc: 33.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



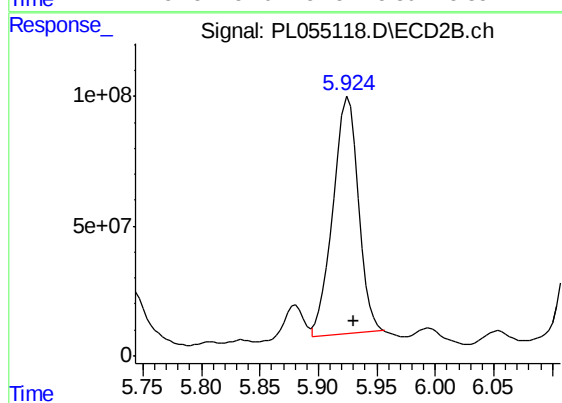
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 143255851
Conc: 53.73 ng/ml



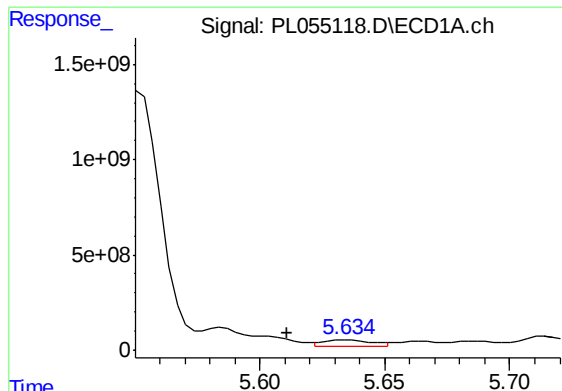
#8 Heptachlor epoxide

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 5167668663
Conc: 341.64 ng/ml



#8 Heptachlor epoxide

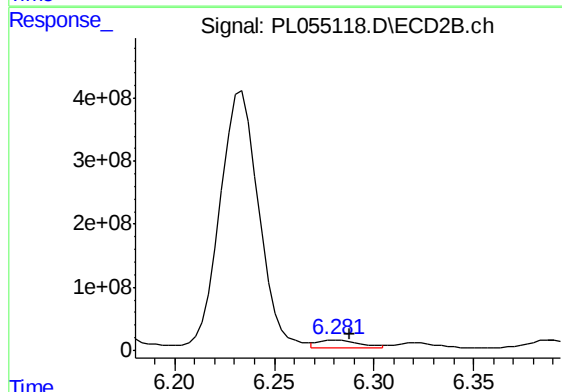
R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 1347825429
Conc: 539.52 ng/ml



#9 Endosulfan I

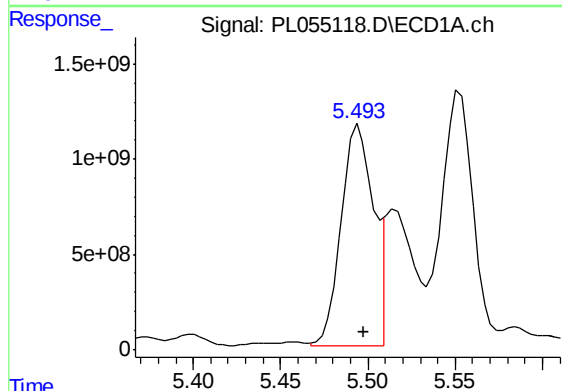
R.T.: 5.636 min
Delta R.T.: 0.025 min
Response: 406861677
Conc: 29.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



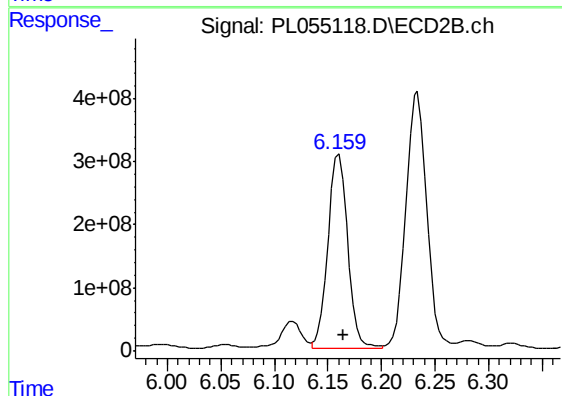
#9 Endosulfan I

R.T.: 6.282 min
Delta R.T.: -0.005 min
Response: 184187182
Conc: 74.46 ng/ml



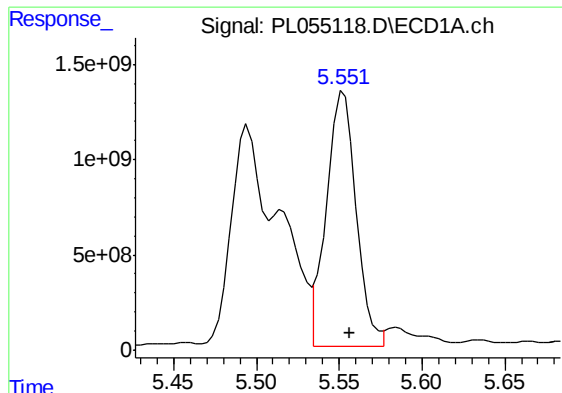
#10 gamma-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 10996044032
Conc: 725.13 ng/ml



#10 gamma-Chlordane

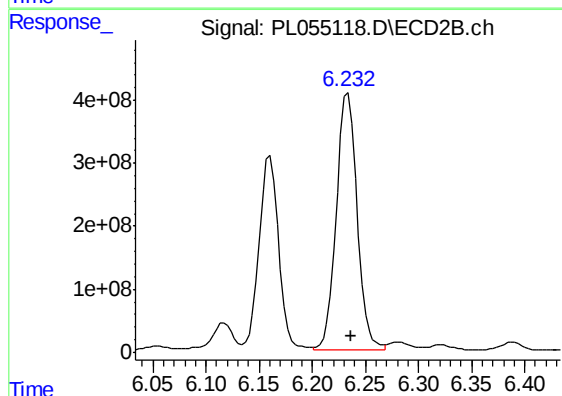
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 3971473562
Conc: 1507.56 ng/ml



#11 alpha-Chlordane

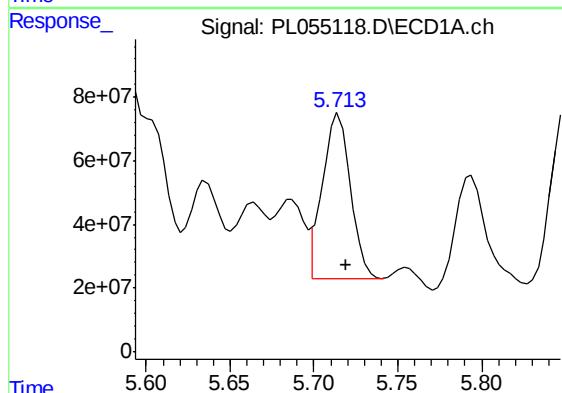
R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 17012400272
Conc: 1153.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



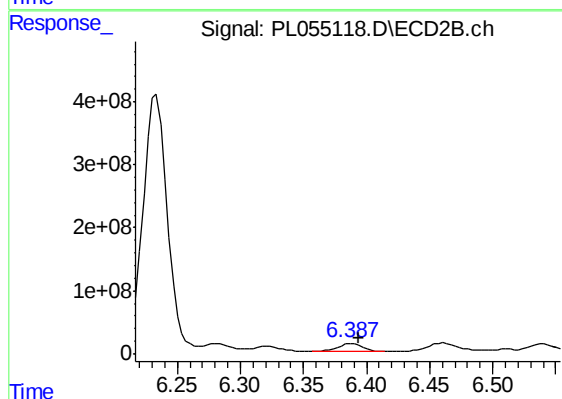
#11 alpha-Chlordane

R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 5508698209
Conc: 2098.02 ng/ml



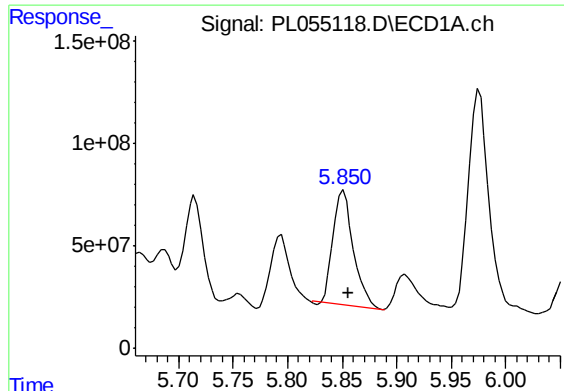
#12 4,4'-DDE

R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 612936496
Conc: 46.07 ng/ml



#12 4,4'-DDE

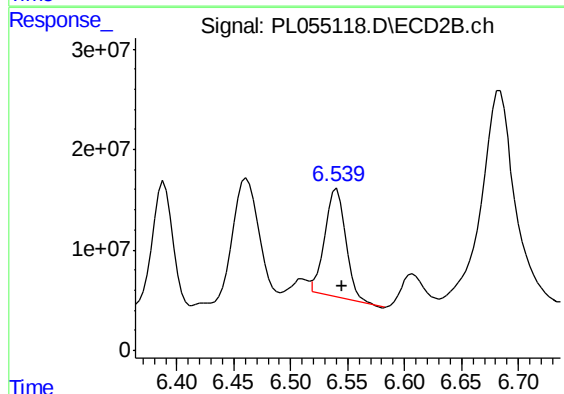
R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 147815696
Conc: 59.71 ng/ml



#13 Dieldrin

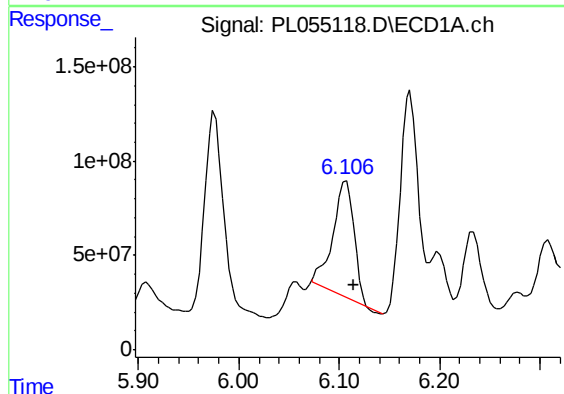
R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 722823755
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



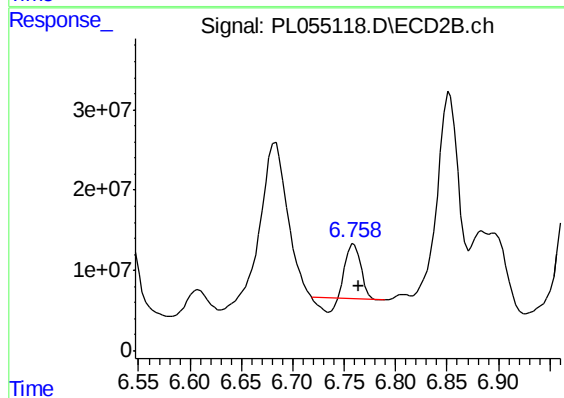
#13 Dieldrin

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 135534450
Conc: 53.25 ng/ml



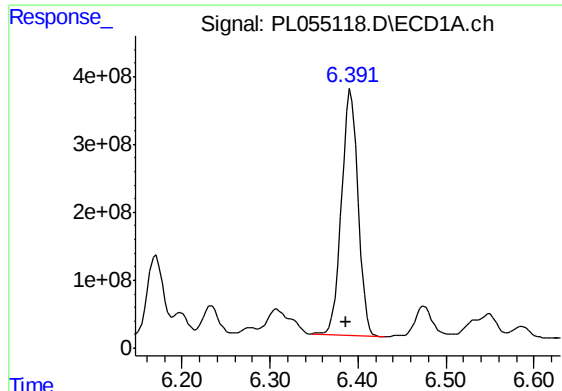
#14 Endrin

R.T.: 6.107 min
Delta R.T.: -0.007 min
Response: 908286694
Conc: 71.33 ng/ml



#14 Endrin

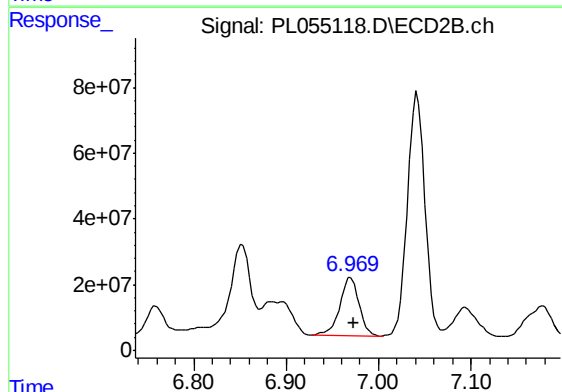
R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 60235405
Conc: 27.19 ng/ml



#15 Endosulfan II

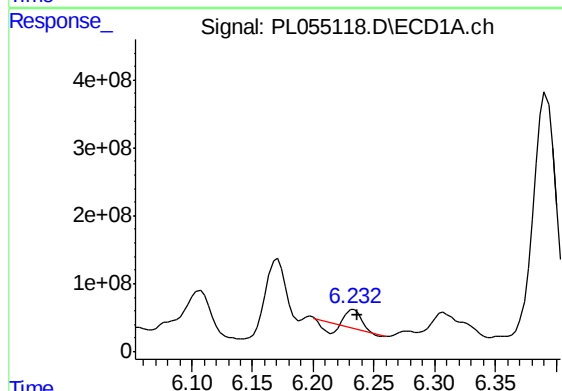
R.T.: 6.392 min
Delta R.T.: 0.005 min
Response: 4760292104
Conc: 393.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



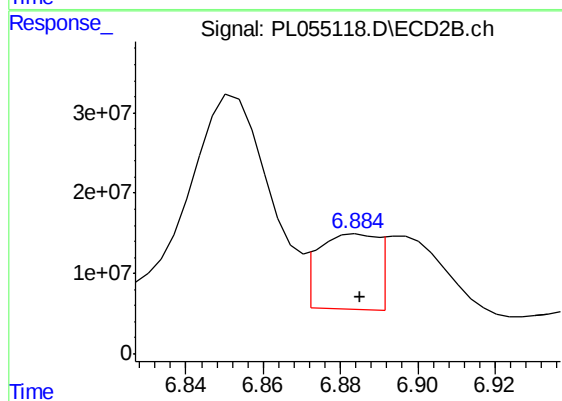
#15 Endosulfan II

R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 255765721
Conc: 108.79 ng/ml



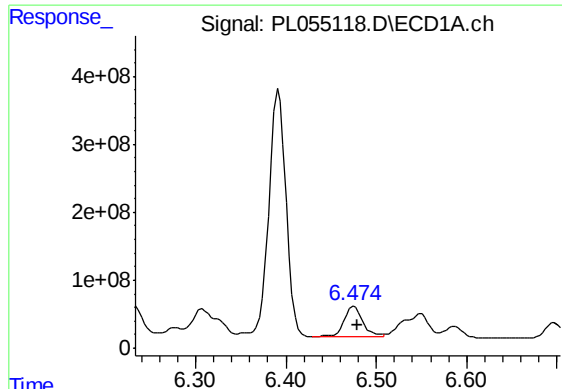
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: -0.003 min
Response: 165600321
Conc: 16.95 ng/ml



#16 4,4'-DDD

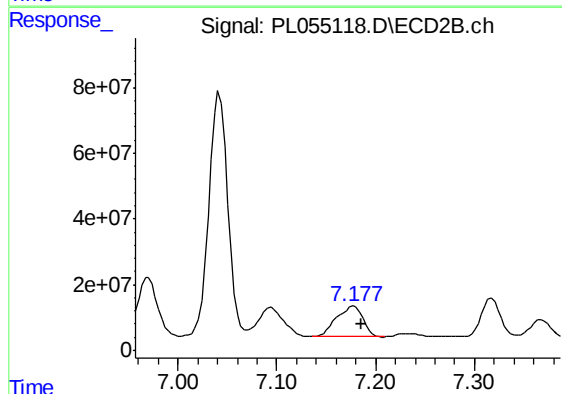
R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 100388482
Conc: 52.28 ng/ml



#17 4,4'-DDT

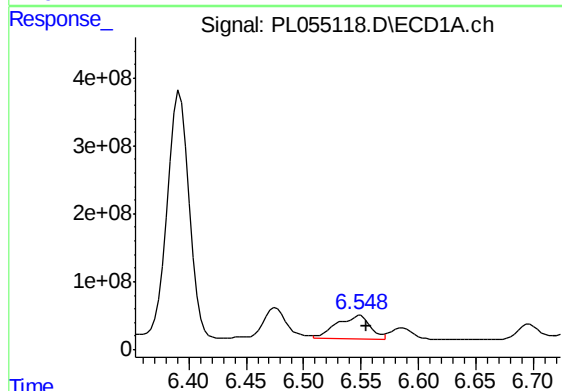
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 669022940
Conc: 63.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



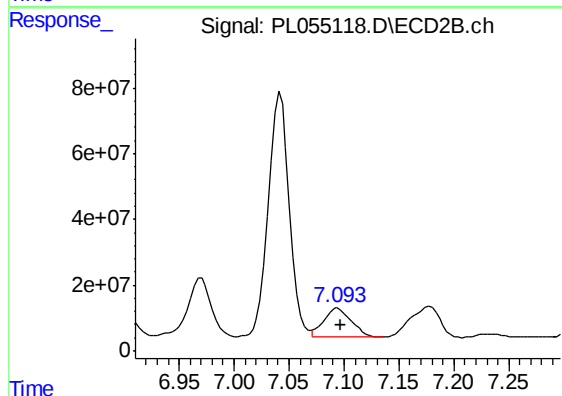
#17 4,4'-DDT

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 175198128
Conc: 88.42 ng/ml



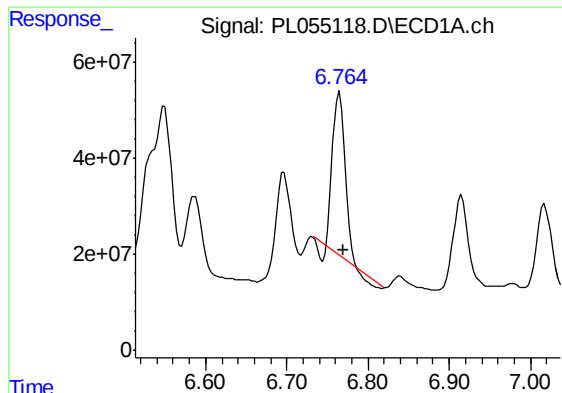
#18 Endrin aldehyde

R.T.: 6.550 min
Delta R.T.: -0.006 min
Response: 720750180
Conc: 72.78 ng/ml



#18 Endrin aldehyde

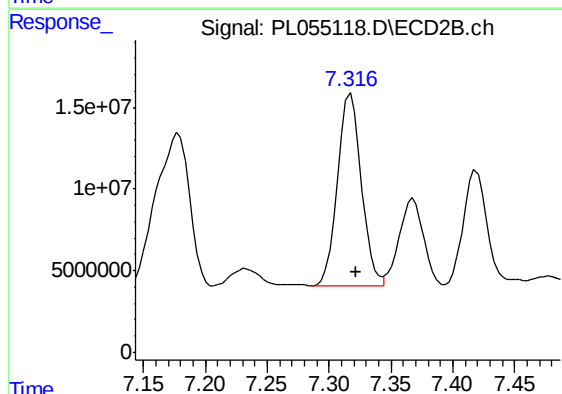
R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 157453919
Conc: 80.33 ng/ml



#19 Endosulfan Sulfate

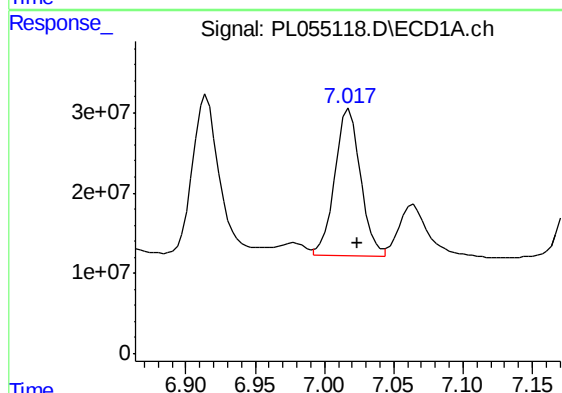
R.T.: 6.765 min
Delta R.T.: -0.005 min
Response: 319531424
Conc: 29.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



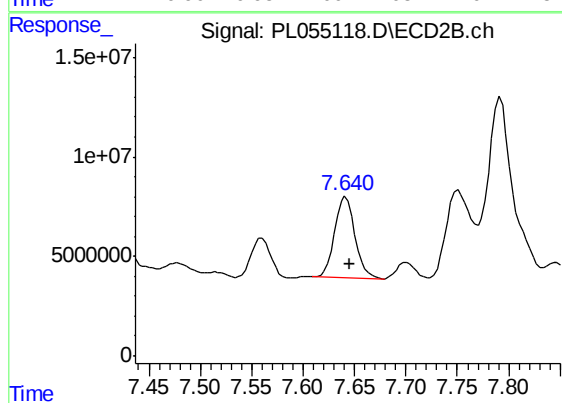
#19 Endosulfan Sulfate

R.T.: 7.318 min
Delta R.T.: -0.004 min
Response: 157093496
Conc: 74.08 ng/ml



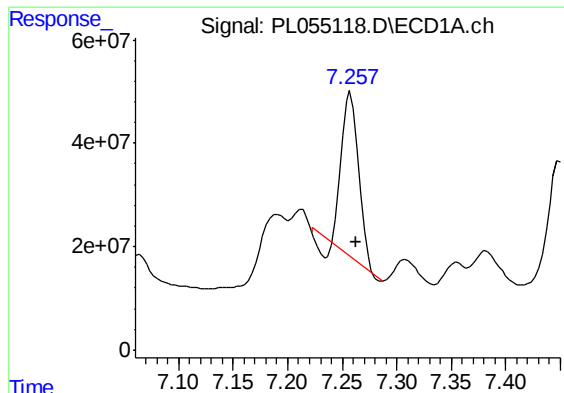
#20 Methoxychlor

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 237266539
Conc: 47.34 ng/ml



#20 Methoxychlor

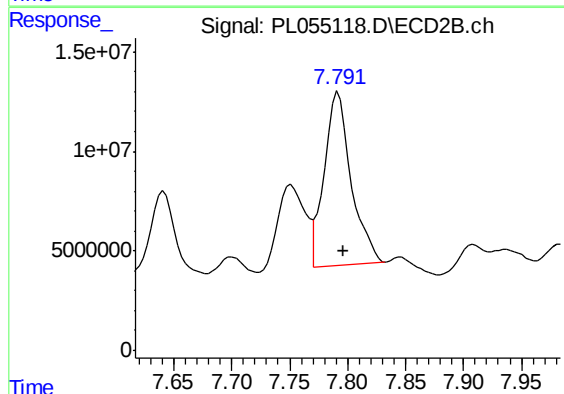
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 56232977
Conc: 49.30 ng/ml



#21 Endrin ketone

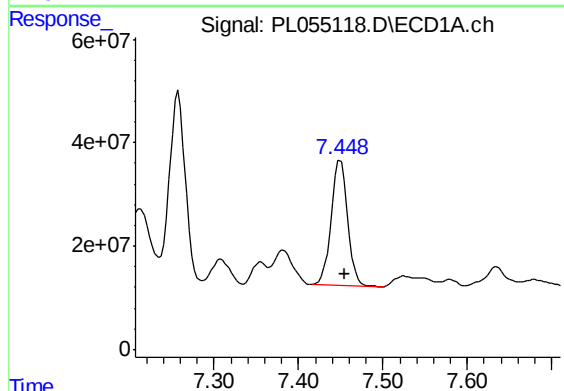
R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 327417226
Conc: 30.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



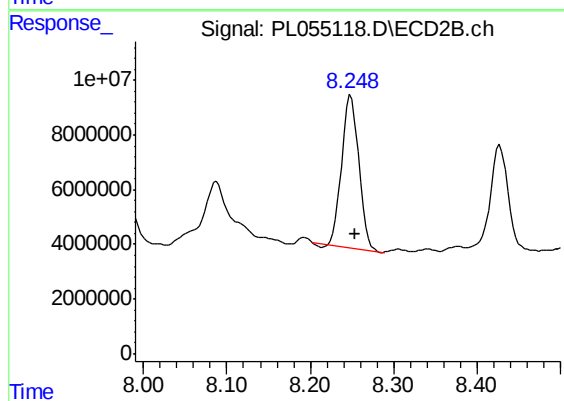
#21 Endrin ketone

R.T.: 7.792 min
Delta R.T.: -0.004 min
Response: 143412900
Conc: 63.71 ng/ml



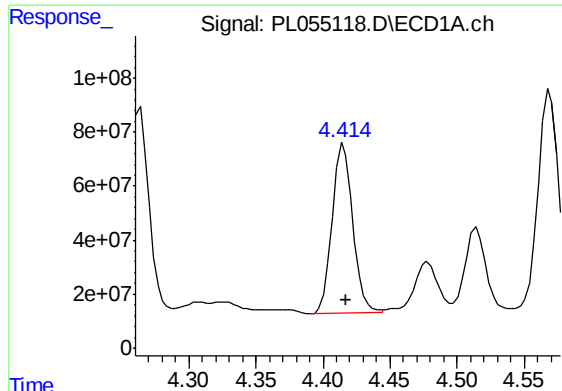
#22 Mirex

R.T.: 7.450 min
Delta R.T.: -0.005 min
Response: 326165864
Conc: 40.18 ng/ml



#22 Mirex

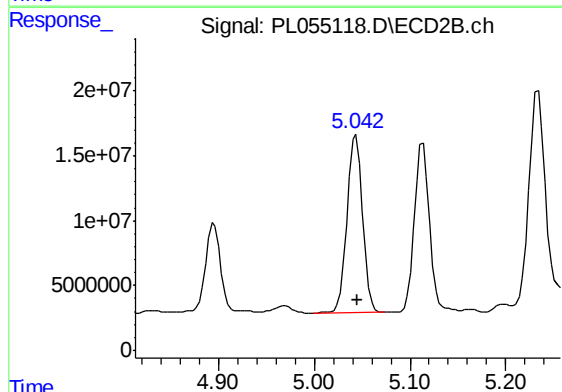
R.T.: 8.249 min
Delta R.T.: -0.005 min
Response: 79838098
Conc: 46.19 ng/ml



#23 Chlordane-1

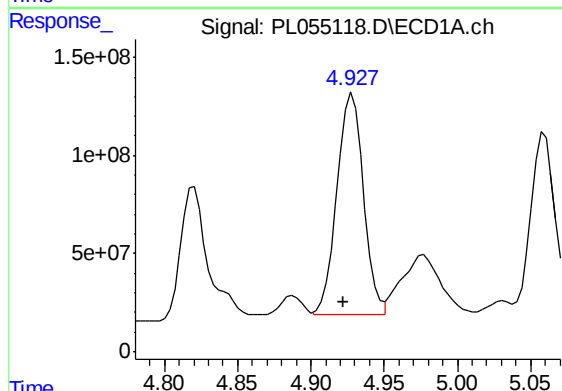
R.T.: 4.416 min
Delta R.T.: -0.001 min
Response: 672576921
Conc: 1567.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



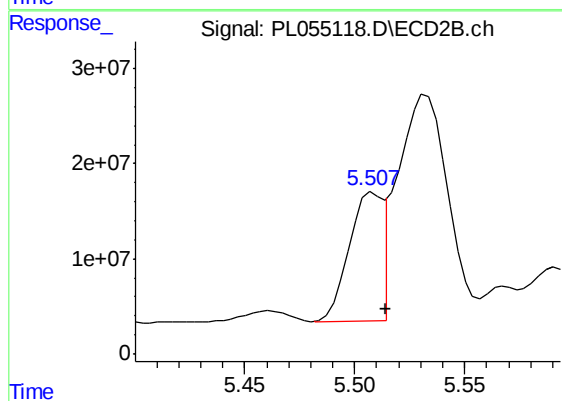
#23 Chlordane-1

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 154548805
Conc: 1505.39 ng/ml



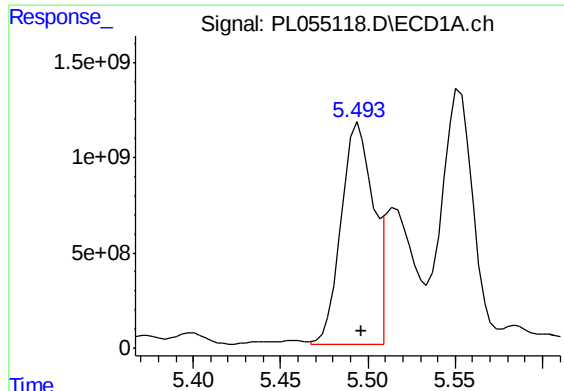
#24 Chlordane-2

R.T.: 4.928 min
Delta R.T.: 0.006 min
Response: 1416570330
Conc: 3018.38 ng/ml



#24 Chlordane-2

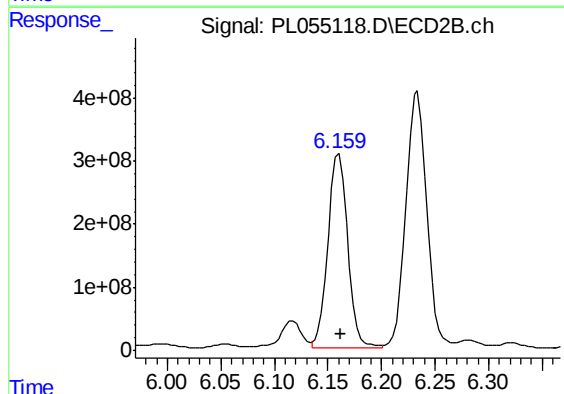
R.T.: 5.509 min
Delta R.T.: -0.006 min
Response: 138021919
Conc: 1298.96 ng/ml



#25 Chlordane-3

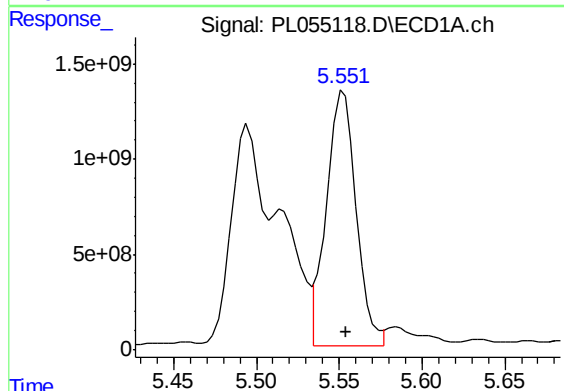
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 10996044032
Conc: 8158.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



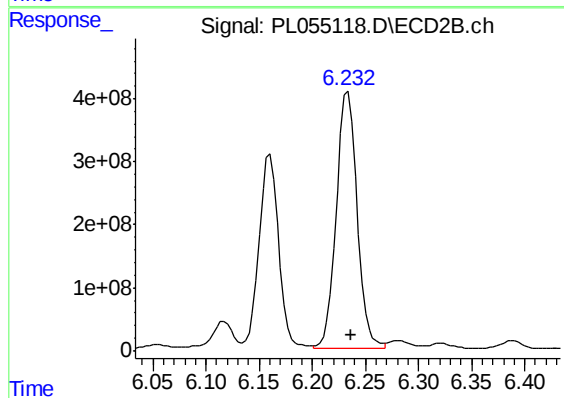
#25 Chlordane-3

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 3971473562
Conc: 10832.08 ng/ml



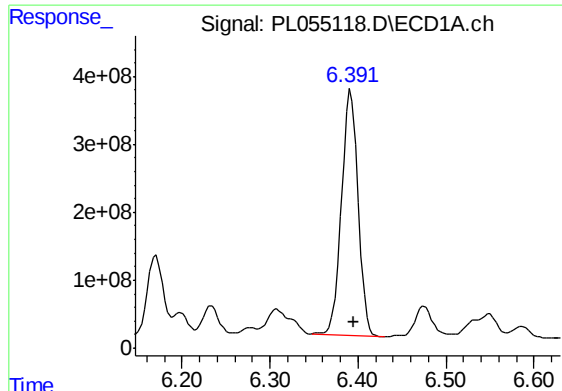
#26 Chlordane-4

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 17012400272
Conc: 15344.29 ng/ml



#26 Chlordane-4

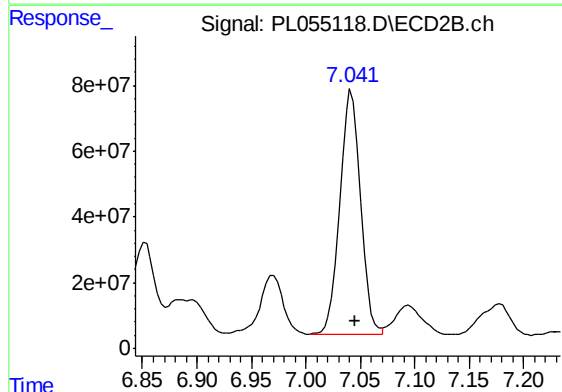
R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 5508698209
Conc: 12667.09 ng/ml



#27 Chlordane-5

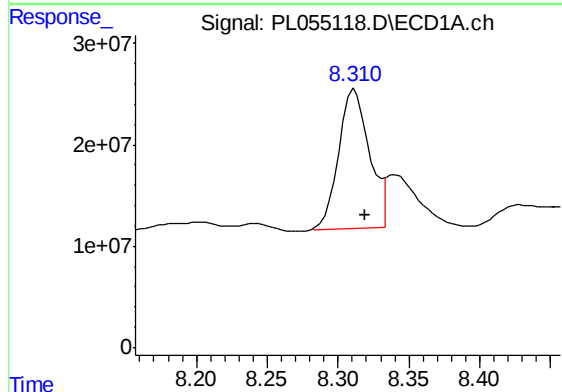
R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 4760292104
Conc: 12871.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
42-SPRUCEMSD



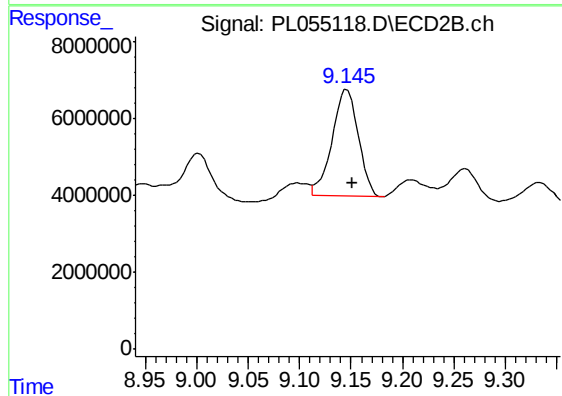
#27 Chlordane-5

R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 980193874
Conc: 12970.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 204771036
Conc: 21.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.146 min
Delta R.T.: -0.005 min
Response: 49602480
Conc: 20.69 ng/ml