

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
 Data File : PL055061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2019 10:39
 Operator : SG\AJ
 Sample : PCB STD(AR1248)
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PCB STD(AR1248)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 13:37:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 01:19:55 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...	3.543	4.049	947.9E6	236.8E6	81.476	92.809
28)	SA Decachlor...	8.324	9.155	1385.2E6	330.1E6	144.655	137.676
Target Compounds							
3)	MA gamma-BHC...	4.254	4.727	8235503	9257682	0.483	2.839 #
4)	MA Heptachlor	4.571	0.000	297.0E6	0	16.841	N.D. #
5)	MB Aldrin	4.831	5.565f	19486289	124.6E6	1.195	44.711 #
6)	B beta-BHC	0.000	4.873f	0	19105306	N.D.	13.567 #
7)	B delta-BHC	4.745f	5.126	220.4E6	71824509	13.557	26.939 #
8)	B Heptachlo...	5.260	5.920	43246555	51221341	2.859	20.503 #
9)	A Endosulfan I	5.633f	6.267f	36455980	6774582	2.673	2.739
10)	B gamma-Chl...	5.524f	6.161	564.7E6	87932486	37.239	33.379
11)	B alpha-Chl...	5.566	6.234	294.2E6	2152015	19.953	0.820 #
12)	B 4,4'-DDE	0.000	6.395	0	42591970	N.D.	17.206 #
13)	MA Dieldrin	5.851	6.536	244.2E6	-627518	17.217	N.D. #
14)	MA Endrin	0.000	6.756	0	45887315	N.D.	20.713 #
15)	B Endosulfa...	6.375	0.000	202.4E6	0	16.724	N.D. #
16)	A 4,4'-DDD	0.000	6.892	0	6298226	N.D.	3.280 #
17)	MA 4,4'-DDT	6.481	7.160f	73818789	13114946	7.046	6.619
18)	B Endrin al...	6.574f	0.000	5513839	0	0.557	N.D. #
19)	B Endosulfa...	6.770	0.000	5424606	0	0.507	N.D. #
20)	A Methoxychlor	7.015	0.000	21052787	0	4.201	N.D. #
21)	B Endrin ke...	7.291f	0.000	5955640	0	0.548	N.D. #
23)	Chlordane-1	0.000	5.057	0	2502682	N.D.	31.396 #
25)	Chlordane-3	5.524f	6.161	564.7E6	87932486	439.752	283.287 #
26)	Chlordane-4	5.566	6.234	294.2E6	2152015	278.540	5.719 #
27)	Chlordane-5	6.375f	0.000	202.4E6	0	537.494	N.D. #

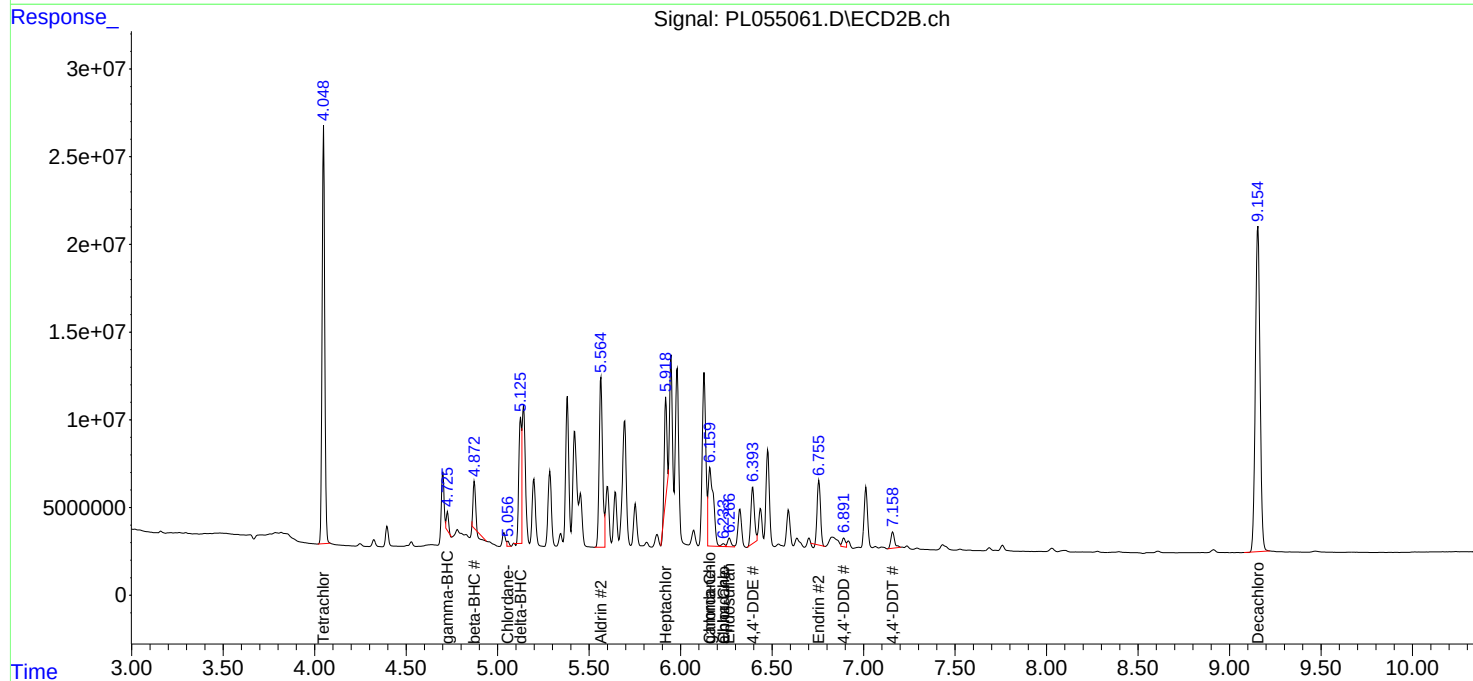
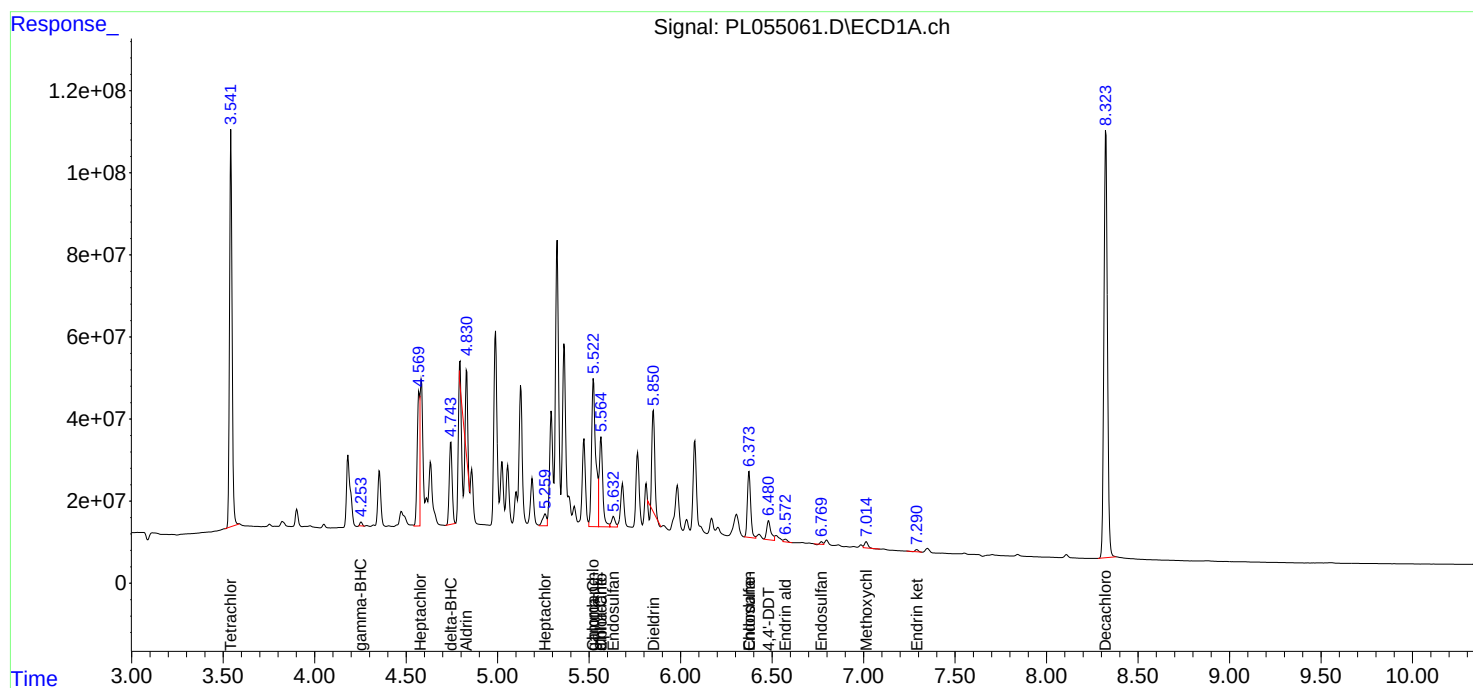
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

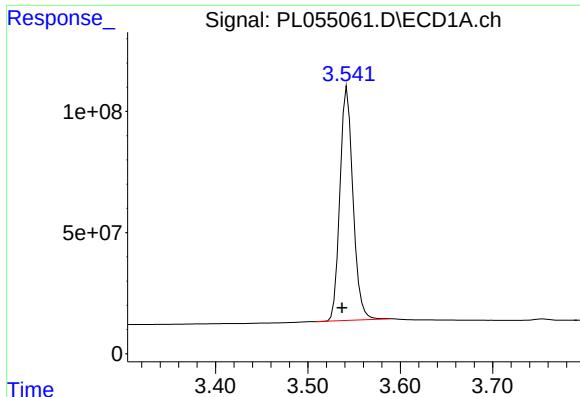
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
Data File : PL055061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2019 10:39
Operator : SG\AJ
Sample : PCB STD(AR1248)
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 13:37:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 01:19:55 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

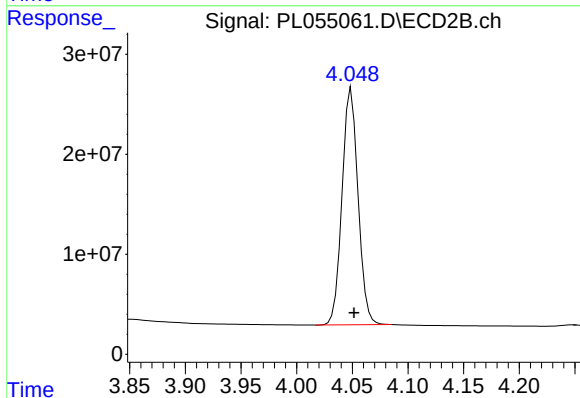




#1 Tetrachloro-m-xylene

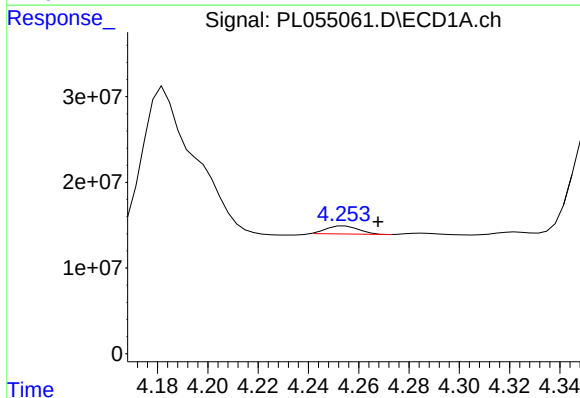
R.T.: 3.543 min
Delta R.T.: 0.006 min
Response: 947908104
Conc: 81.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



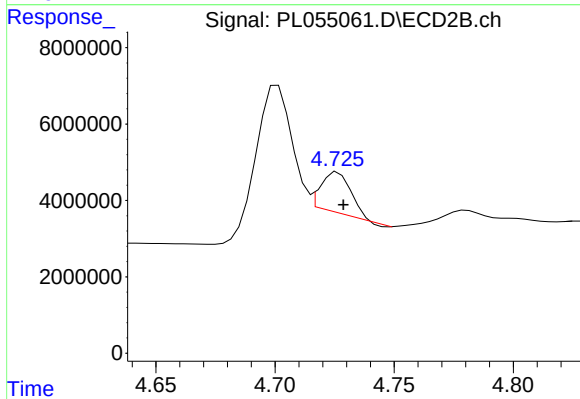
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 236830587
Conc: 92.81 ng/ml



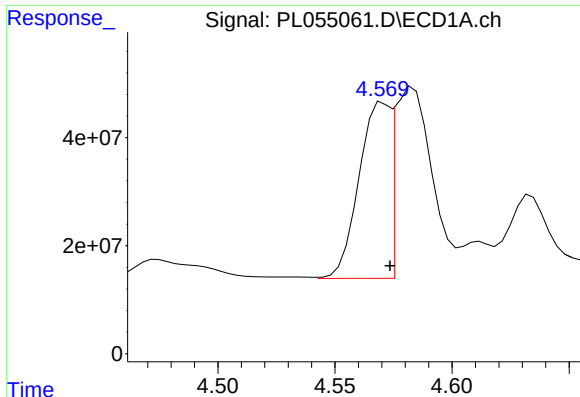
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.013 min
Response: 8235503
Conc: 0.48 ng/ml



#3 gamma-BHC (Lindane)

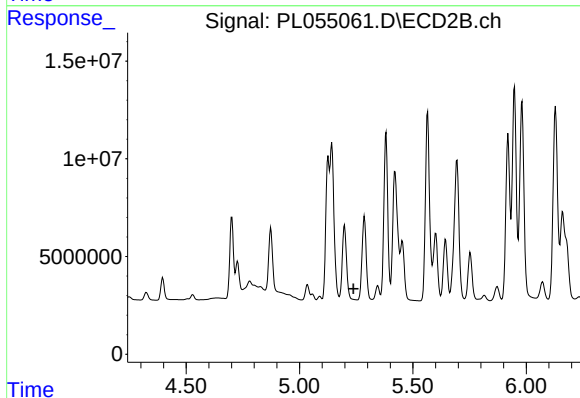
R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 9257682
Conc: 2.84 ng/ml



#4 Heptachlor

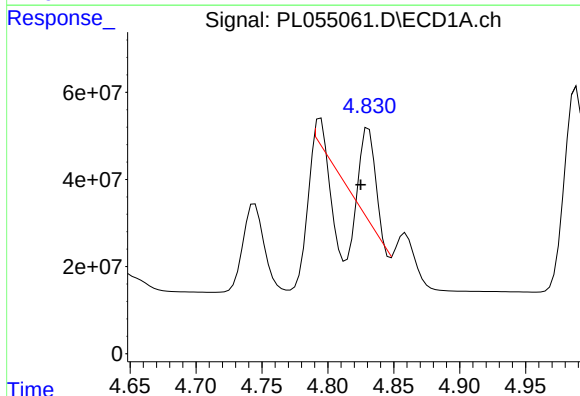
R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 296974214
Conc: 16.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



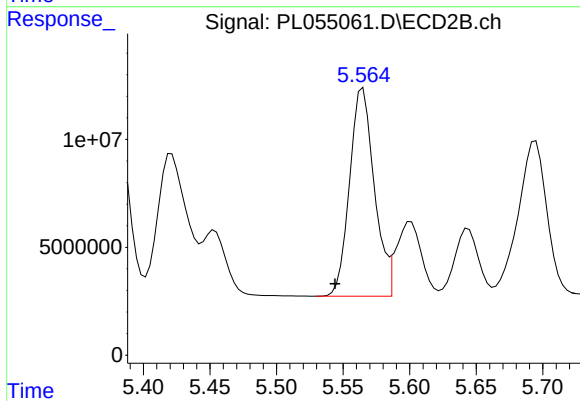
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.



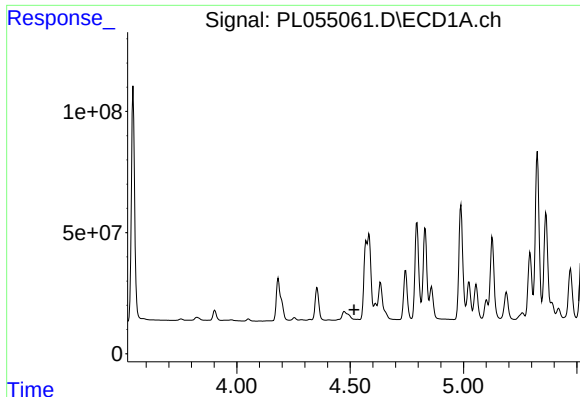
#5 Aldrin

R.T.: 4.831 min
Delta R.T.: 0.006 min
Response: 19486289
Conc: 1.20 ng/ml



#5 Aldrin

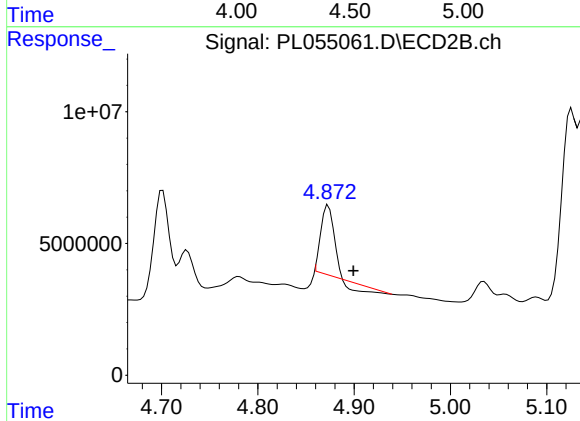
R.T.: 5.565 min
Delta R.T.: 0.021 min
Response: 124585333
Conc: 44.71 ng/ml



#6 beta-BHC

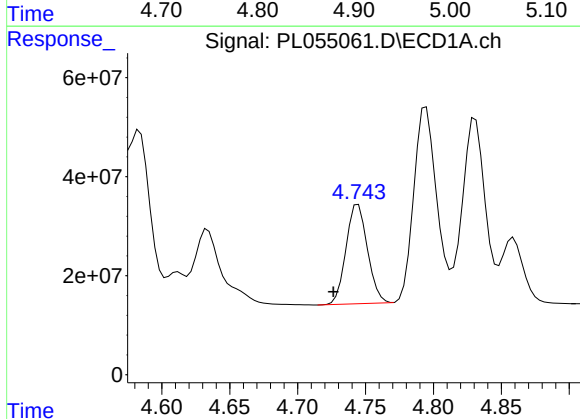
R.T.: 0.000 min
Exp R.T.: 4.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



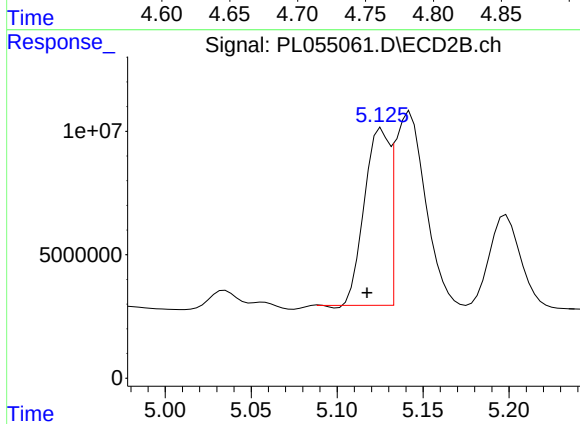
#6 beta-BHC

R.T.: 4.873 min
Delta R.T.: -0.026 min
Response: 19105306
Conc: 13.57 ng/ml



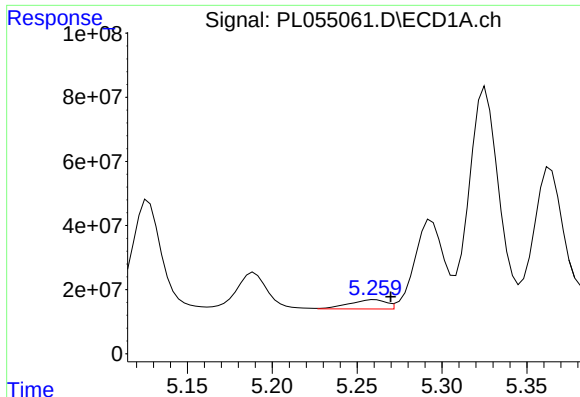
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.018 min
Response: 220365880
Conc: 13.56 ng/ml



#7 delta-BHC

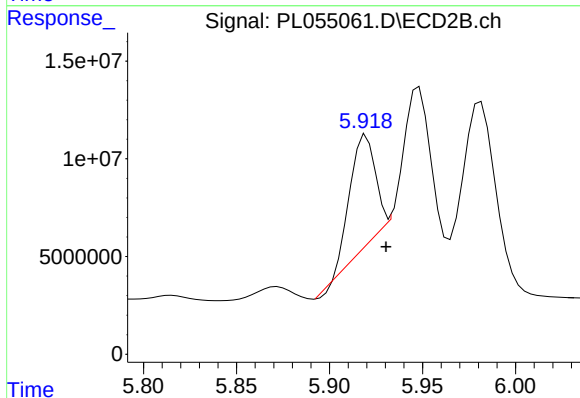
R.T.: 5.126 min
Delta R.T.: 0.009 min
Response: 71824509
Conc: 26.94 ng/ml



#8 Heptachlor epoxide

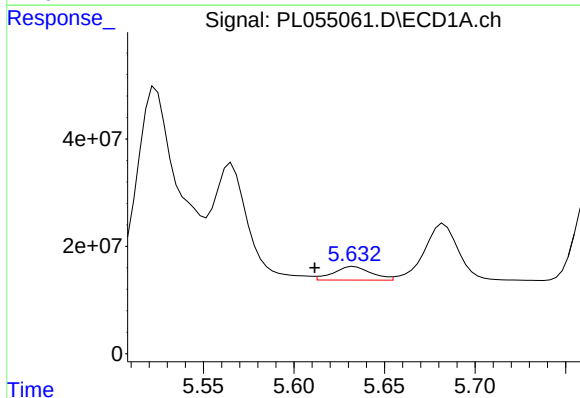
R.T.: 5.260 min
Delta R.T.: -0.009 min
Response: 43246555
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



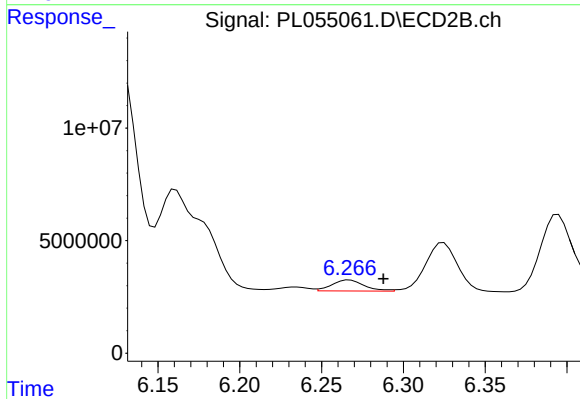
#8 Heptachlor epoxide

R.T.: 5.920 min
Delta R.T.: -0.011 min
Response: 51221341
Conc: 20.50 ng/ml



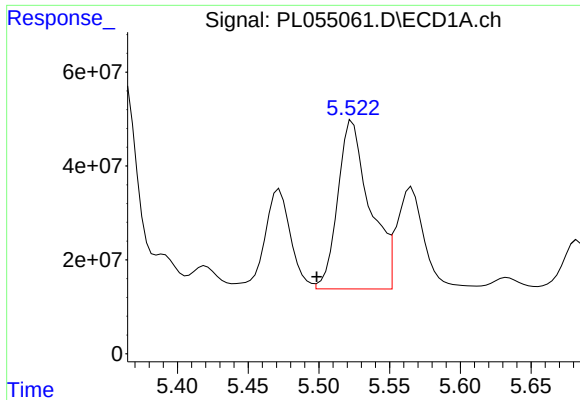
#9 Endosulfan I

R.T.: 5.633 min
Delta R.T.: 0.022 min
Response: 36455980
Conc: 2.67 ng/ml



#9 Endosulfan I

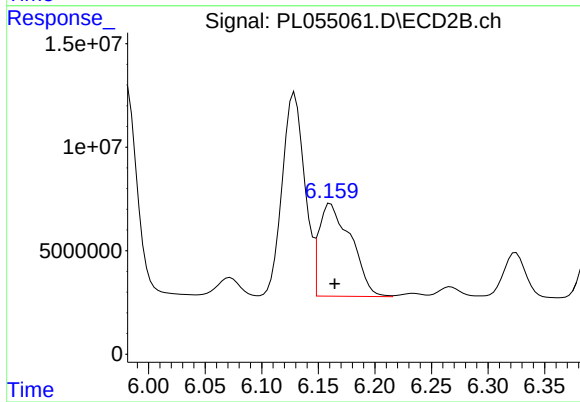
R.T.: 6.267 min
Delta R.T.: -0.021 min
Response: 6774582
Conc: 2.74 ng/ml



#10 gamma-Chlordane

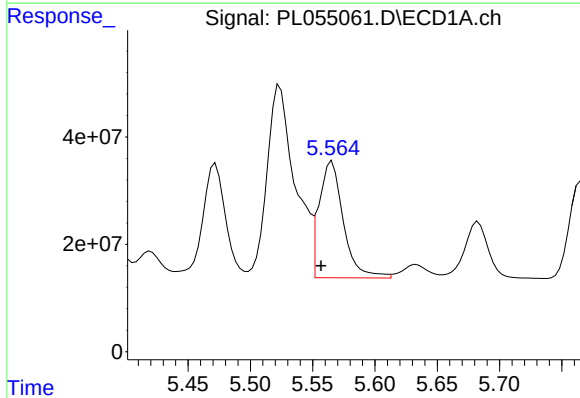
R.T.: 5.524 min
Delta R.T.: 0.025 min
Response: 564698363
Conc: 37.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



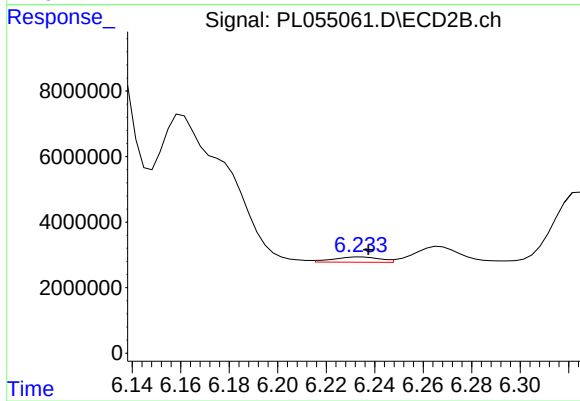
#10 gamma-Chlordane

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 87932486
Conc: 33.38 ng/ml



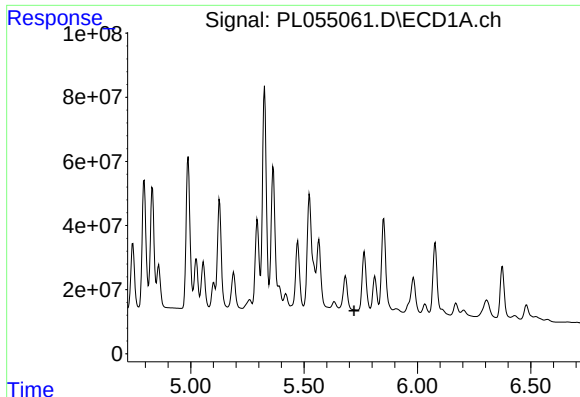
#11 alpha-Chlordane

R.T.: 5.566 min
Delta R.T.: 0.009 min
Response: 294218449
Conc: 19.95 ng/ml



#11 alpha-Chlordane

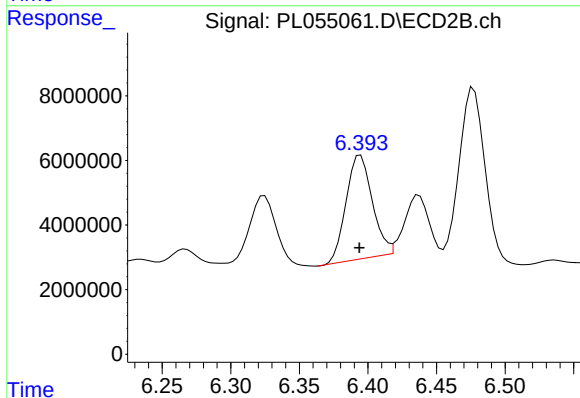
R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 2152015
Conc: 0.82 ng/ml



#12 4,4'-DDE

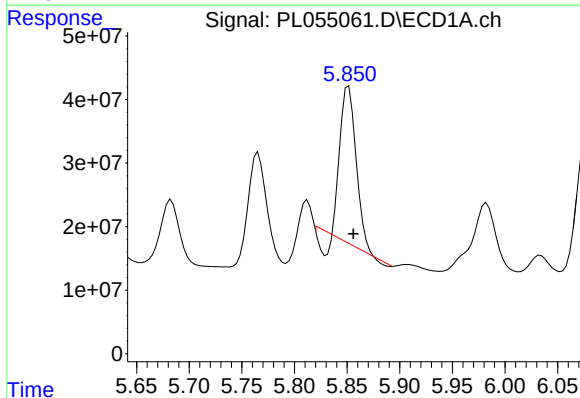
R.T.: 0.000 min
Exp R.T.: 5.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



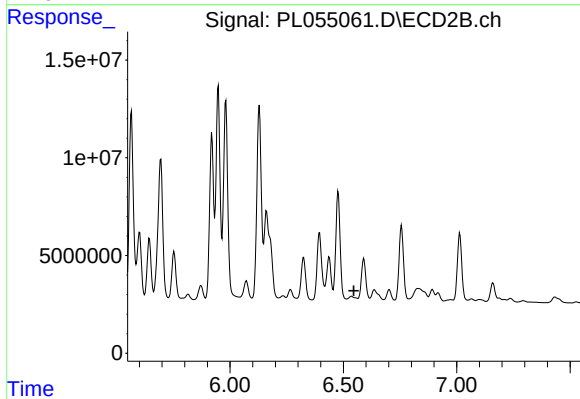
#12 4,4'-DDE

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 42591970
Conc: 17.21 ng/ml



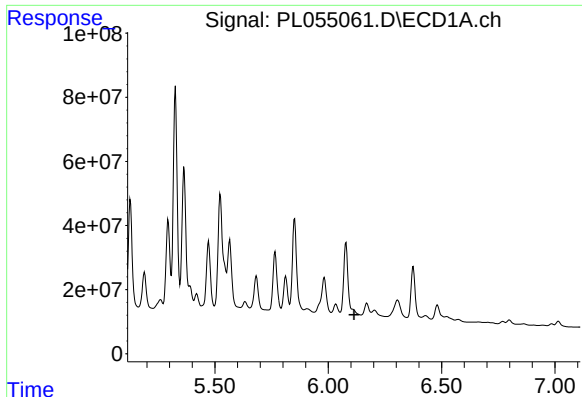
#13 Dieldrin

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 244150559
Conc: 17.22 ng/ml



#13 Dieldrin

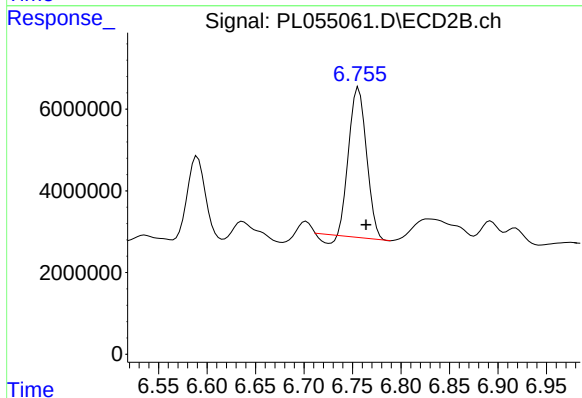
R.T.: 6.536 min
Delta R.T.: -0.009 min
Response: -627518
Conc: N.D.



#14 Endrin

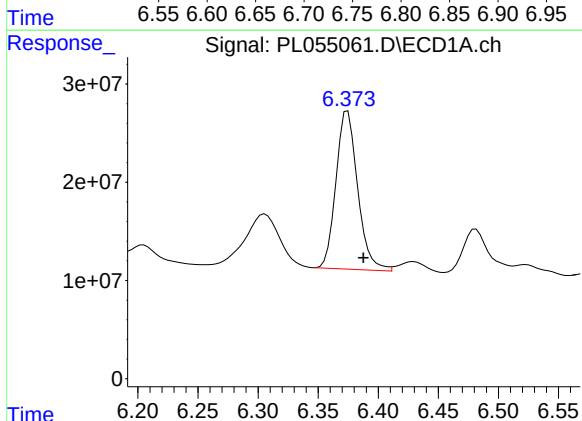
R.T.: 0.000 min
Exp R.T.: 6.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



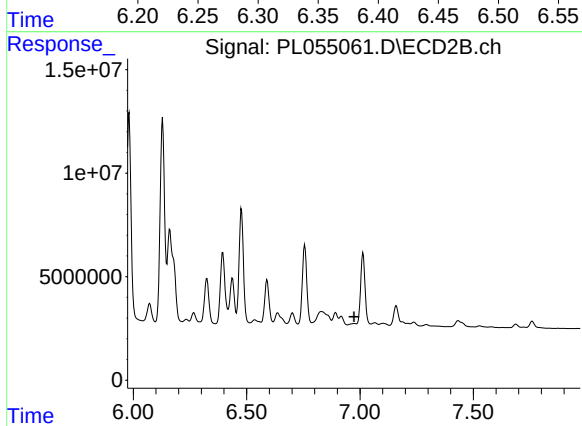
#14 Endrin

R.T.: 6.756 min
Delta R.T.: -0.008 min
Response: 45887315
Conc: 20.71 ng/ml



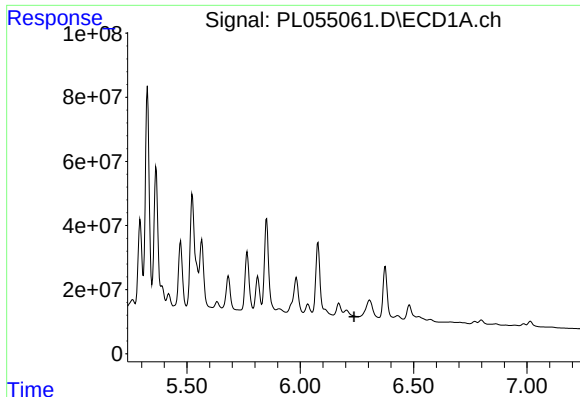
#15 Endosulfan II

R.T.: 6.375 min
Delta R.T.: -0.013 min
Response: 202367567
Conc: 16.72 ng/ml



#15 Endosulfan II

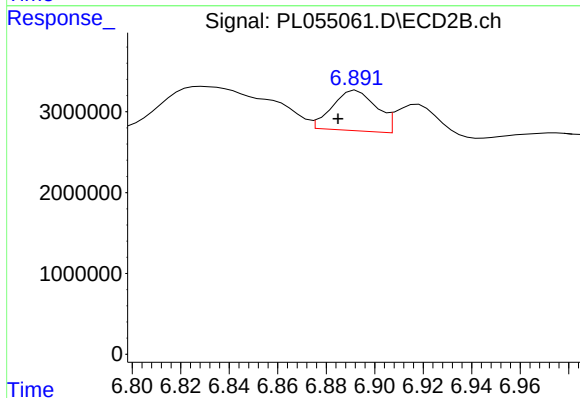
R.T.: 0.000 min
Exp R.T.: 6.974 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

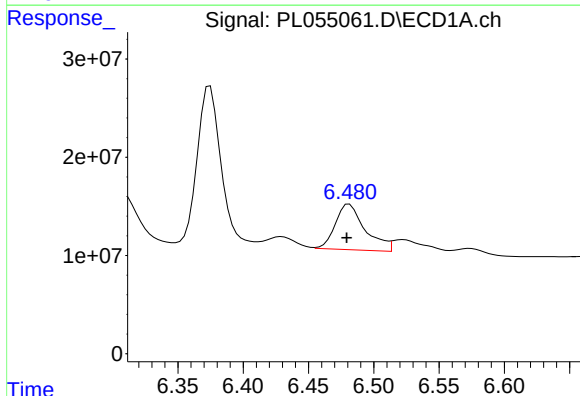
R.T.: 0.000 min
Exp R.T.: 6.237 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



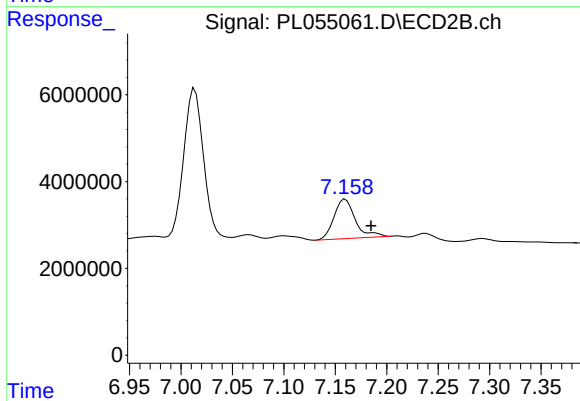
#16 4,4'-DDD

R.T.: 6.892 min
Delta R.T.: 0.008 min
Response: 6298226
Conc: 3.28 ng/ml



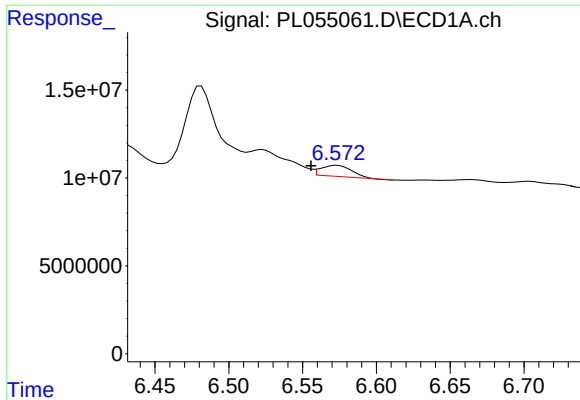
#17 4,4'-DDT

R.T.: 6.481 min
Delta R.T.: 0.002 min
Response: 73818789
Conc: 7.05 ng/ml



#17 4,4'-DDT

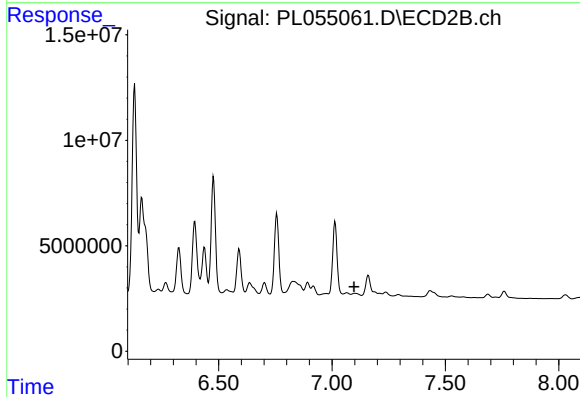
R.T.: 7.160 min
Delta R.T.: -0.025 min
Response: 13114946
Conc: 6.62 ng/ml



#18 Endrin aldehyde

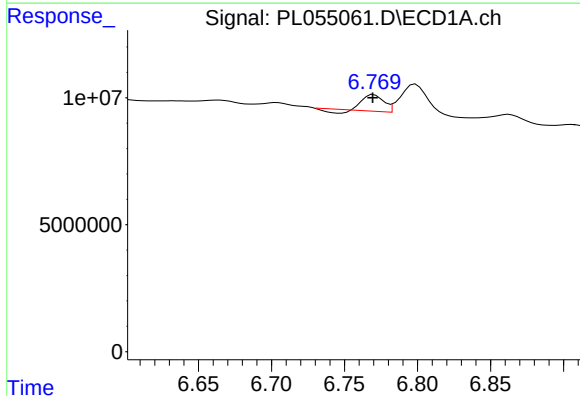
R.T.: 6.574 min
Delta R.T.: 0.018 min
Response: 5513839
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



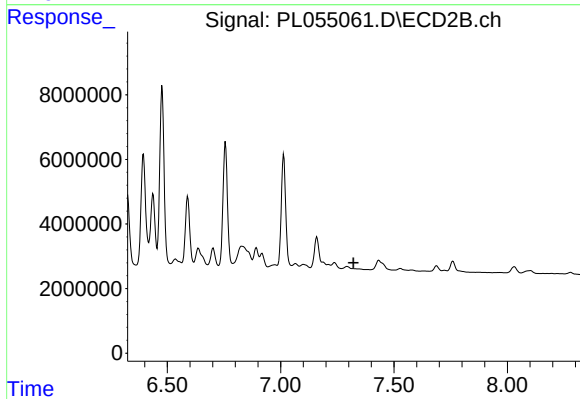
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 7.098 min
Response: 0
Conc: N.D.



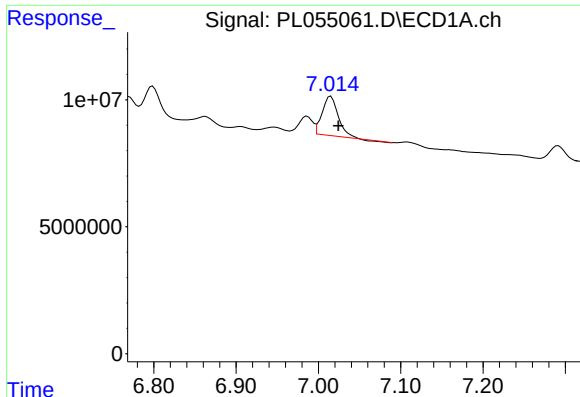
#19 Endosulfan Sulfate

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 5424606
Conc: 0.51 ng/ml



#19 Endosulfan Sulfate

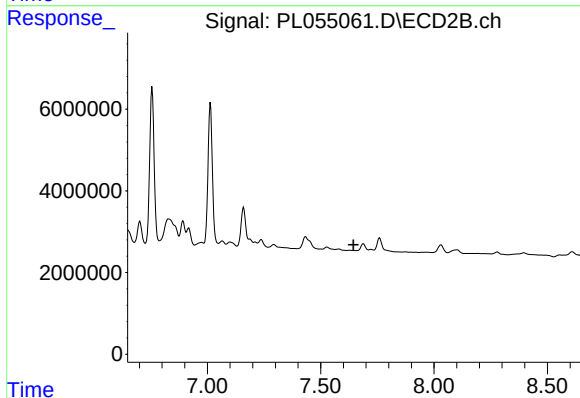
R.T.: 0.000 min
Exp R.T. : 7.322 min
Response: 0
Conc: N.D.



#20 Methoxychlor

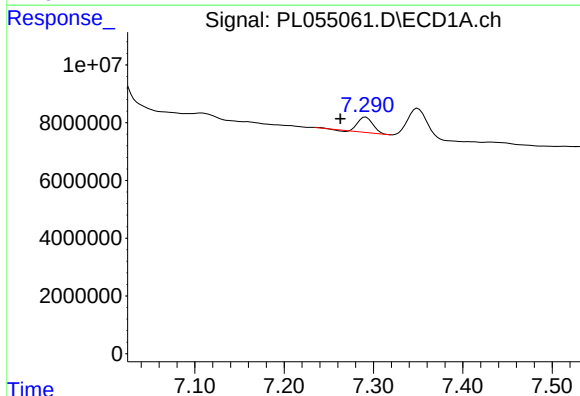
R.T.: 7.015 min
Delta R.T.: -0.009 min
Response: 21052787
Conc: 4.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



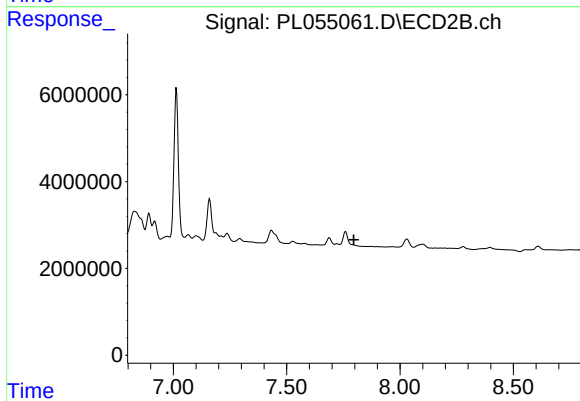
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.645 min
Response: 0
Conc: N.D.



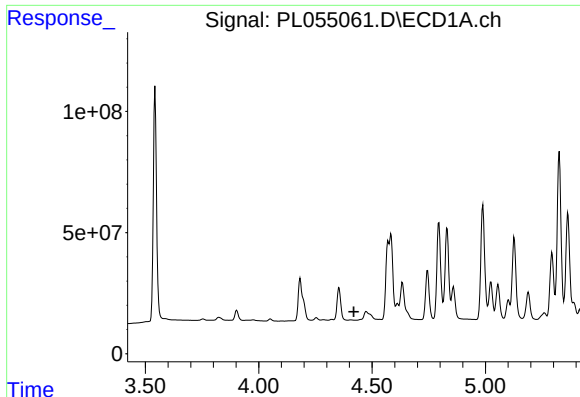
#21 Endrin ketone

R.T.: 7.291 min
Delta R.T.: 0.028 min
Response: 5955640
Conc: 0.55 ng/ml



#21 Endrin ketone

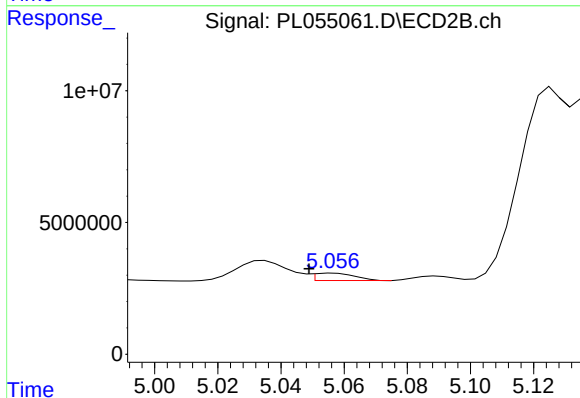
R.T.: 0.000 min
Exp R.T. : 7.796 min
Response: 0
Conc: N.D.



#23 Chlordane-1

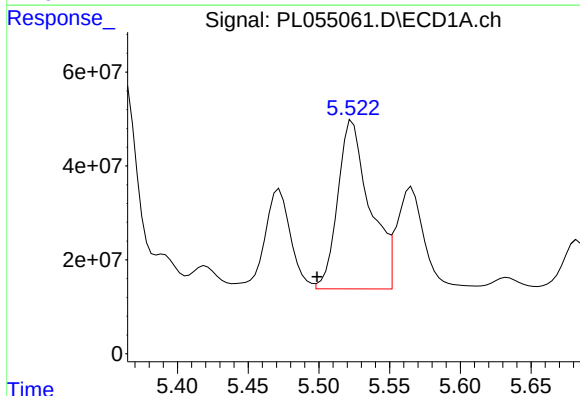
R.T.: 0.000 min
Exp R.T.: 4.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



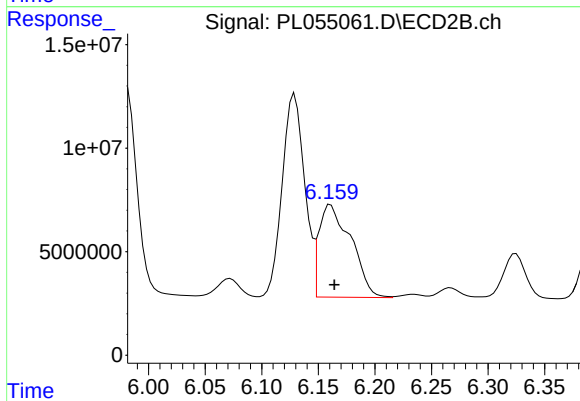
#23 Chlordane-1

R.T.: 5.057 min
Delta R.T.: 0.008 min
Response: 2502682
Conc: 31.40 ng/ml



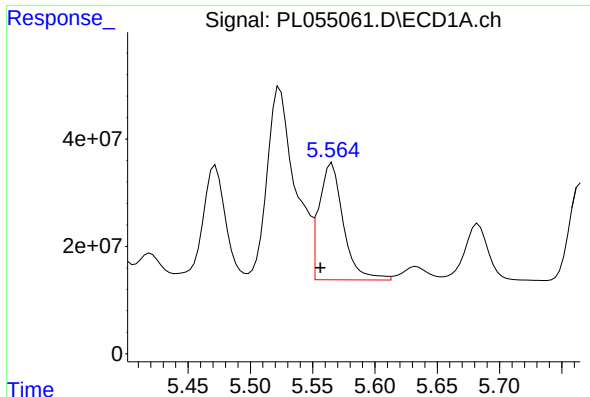
#25 Chlordane-3

R.T.: 5.524 min
Delta R.T.: 0.025 min
Response: 564698363
Conc: 439.75 ng/ml



#25 Chlordane-3

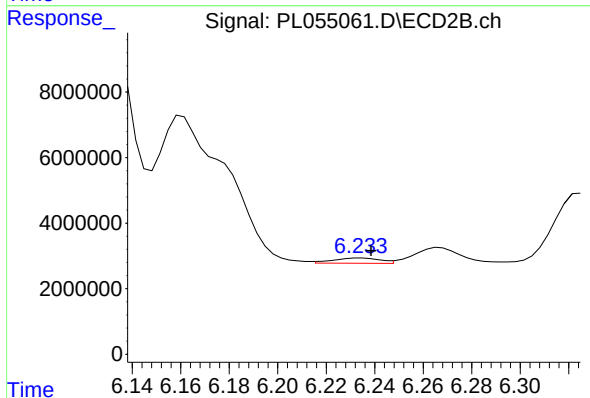
R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 87932486
Conc: 283.29 ng/ml



#26 Chlordane-4

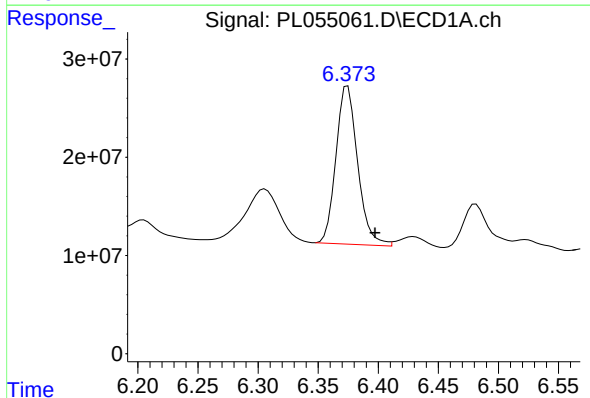
R.T.: 5.566 min
Delta R.T.: 0.009 min
Response: 294218449
Conc: 278.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



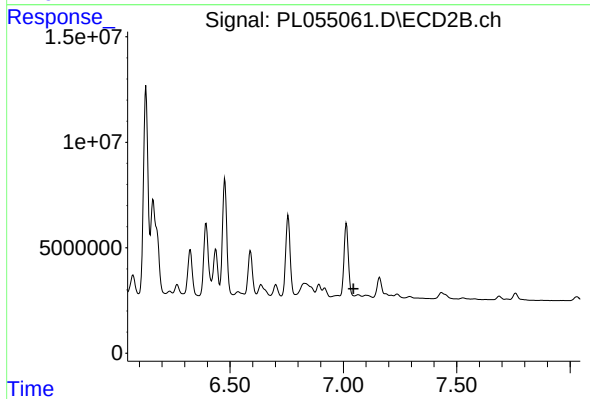
#26 Chlordane-4

R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 2152015
Conc: 5.72 ng/ml



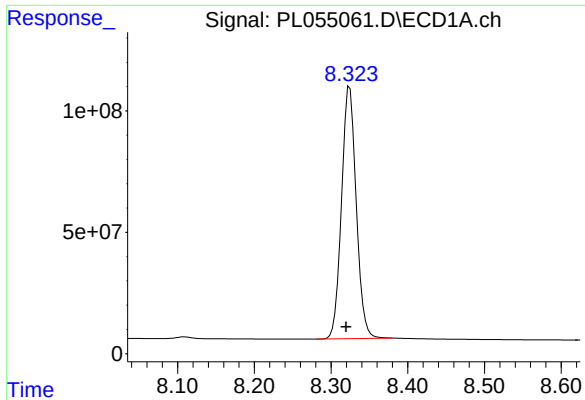
#27 Chlordane-5

R.T.: 6.375 min
Delta R.T.: -0.023 min
Response: 202367567
Conc: 537.49 ng/ml



#27 Chlordane-5

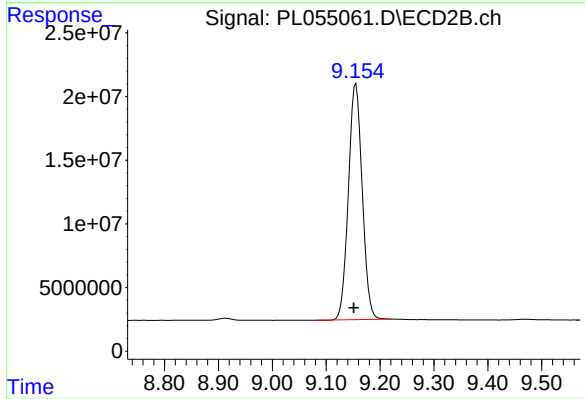
R.T.: 0.000 min
Exp R.T.: 7.045 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: 0.005 min
Response: 1385230096
Conc: 144.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PCB STD(AR1248)



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: 0.004 min
Response: 330068631
Conc: 137.68 ng/ml