

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010319\
 Data File : PL043561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2019 17:39
 Operator : AJ\SJ
 Sample : SOIL IDOC 04
 Misc : FOR FE (EXTRACTION) PB116121
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 06:47:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010319.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 04 06:12:42 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.464	4.099	113.5E6	58144821	17.762	19.900
28)	SA Decachlor...	8.199	9.230	109.3E6	42801872	21.697	19.362
Target Compounds							
2)	A alpha-BHC	3.903	4.496	486.6E6	224.7E6	50.303	53.174
3)	MA gamma-BHC...	4.186	4.784	450.7E6	211.8E6	51.610	53.223
4)	MA Heptachlor	4.481	5.299	461.1E6	207.9E6	51.609	53.098
5)	MB Aldrin	4.727	5.608	429.7E6	199.7E6	52.372	52.918
6)	B beta-BHC	4.440	4.954	181.0E6	90215674	49.477	53.866
7)	B delta-BHC	4.641	5.174	362.8E6	177.1E6	45.572	41.889
8)	B Heptachlo...	5.169	5.996	405.1E6	190.2E6	52.680	52.030
9)	A Endosulfan I	5.507	6.357	369.4E6	161.4E6	51.990	54.800
10)	B gamma-Chl...	5.395	6.232	410.6E6	176.7E6	52.352	54.826
11)	B alpha-Chl...	5.452	6.305	397.6E6	171.6E6	51.622	54.869
12)	B 4,4'-DDE	5.619	6.459	368.7E6	176.3E6	55.426	54.074
13)	MA Dieldrin	5.749	6.615	399.0E6	170.1E6	56.214	52.969
14)	MA Endrin	6.006	6.835	345.9E6	139.2E6	56.629	55.080
15)	B Endosulfa...	6.281	7.043	330.6E6	146.0E6	56.556	56.562
16)	A 4,4'-DDD	6.134	6.952	301.7E6	137.7E6	56.946	55.650
17)	MA 4,4'-DDT	6.373	7.252	289.4E6	126.2E6	57.344	56.483
18)	B Endrin al...	6.449	7.168	280.6E6	121.4E6	55.805	57.051
19)	B Endosulfa...	6.661	7.391	297.6E6	136.3E6	47.897	54.261
20)	A Methoxychlor	6.919	7.708	156.4E6	64374657	56.642	57.173
21)	B Endrin ke...	7.151	7.865	367.3E6	141.2E6	56.631	56.692
23)	Chlordane-1	0.000	5.174	0	177.1E6	N.D.	1324.174 #
24)	Chlordane-2	0.000	5.608	0	199.7E6	N.D.	1617.623 #
25)	Chlordane-3	5.395	6.232	410.6E6	176.7E6	487.520	408.058
26)	Chlordane-4	5.452	6.305	397.6E6	171.6E6	534.123	341.903 #
27)	Chlordane-5	6.281	7.168	330.6E6	121.4E6	1559.046	1318.094

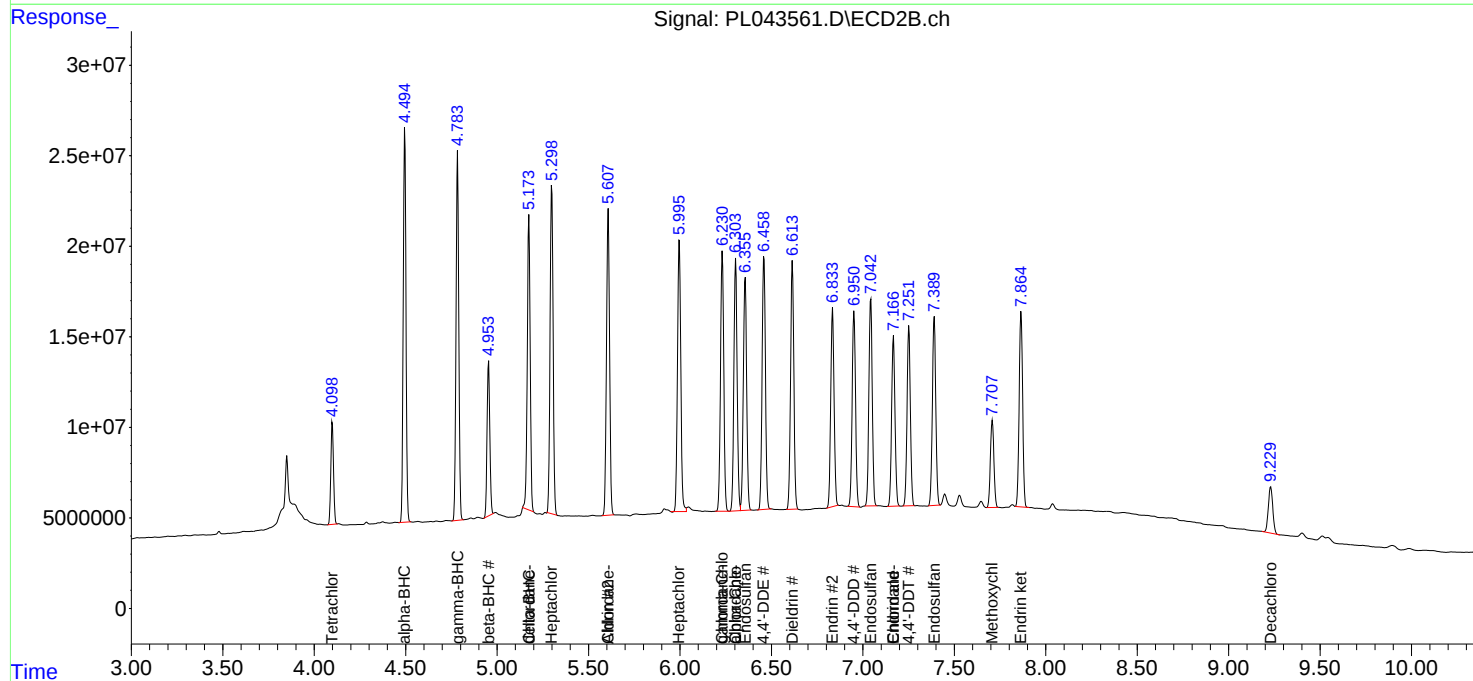
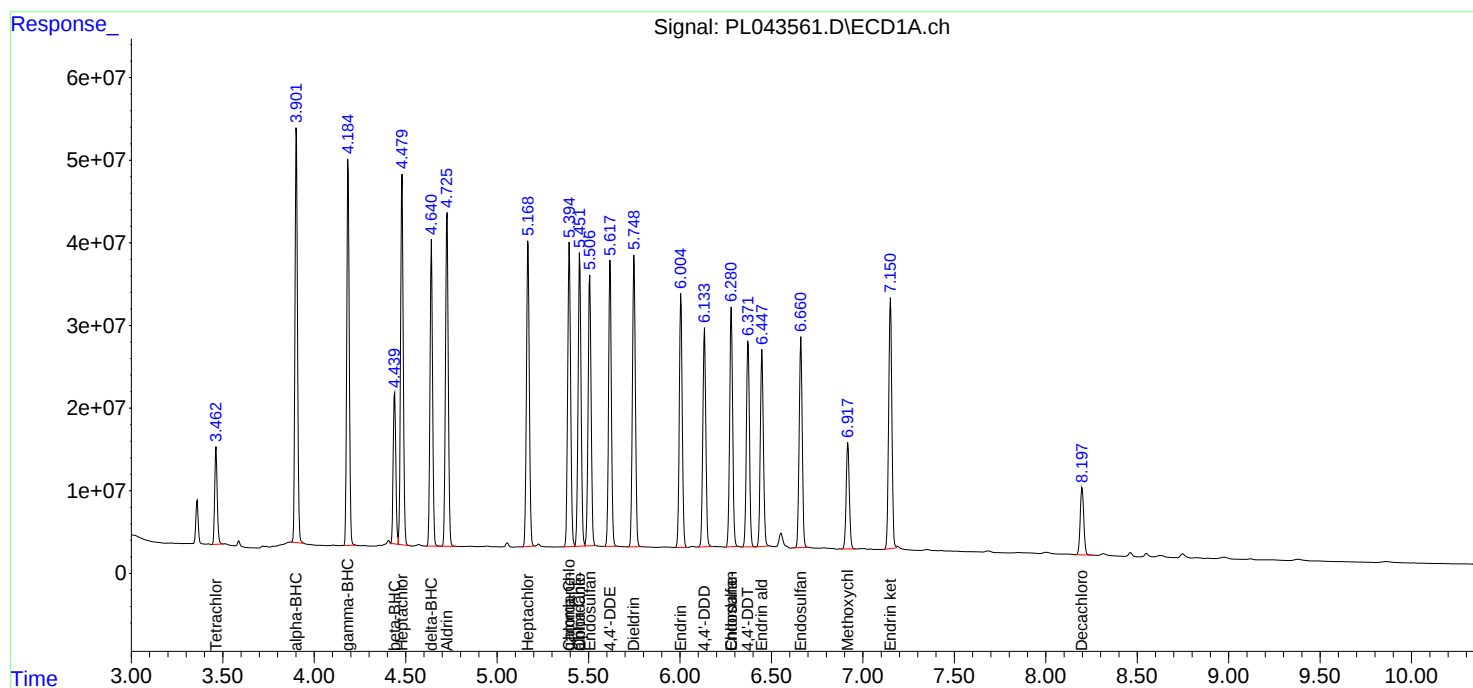
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

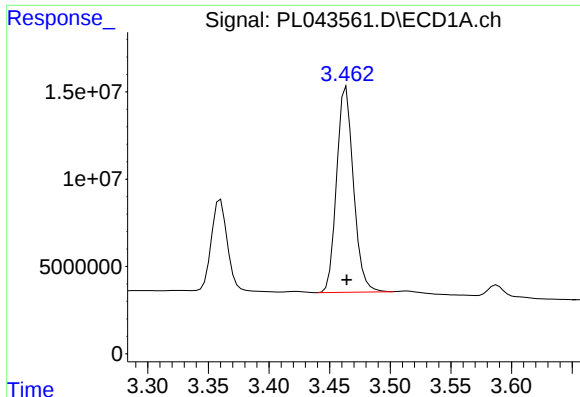
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010319\
Data File : PL043561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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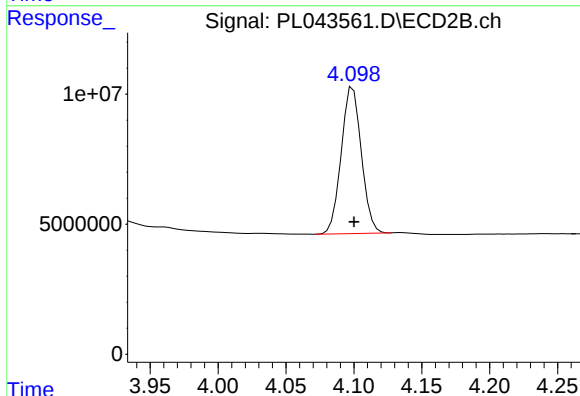




#1 Tetrachloro-m-xylene

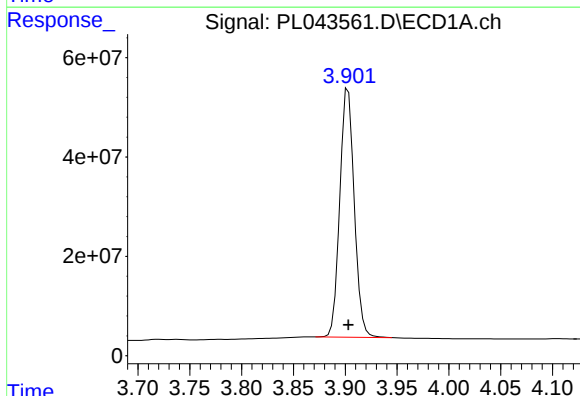
R.T.: 3.464 min
Delta R.T.: 0.000 min
Response: 113485502
Conc: 17.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



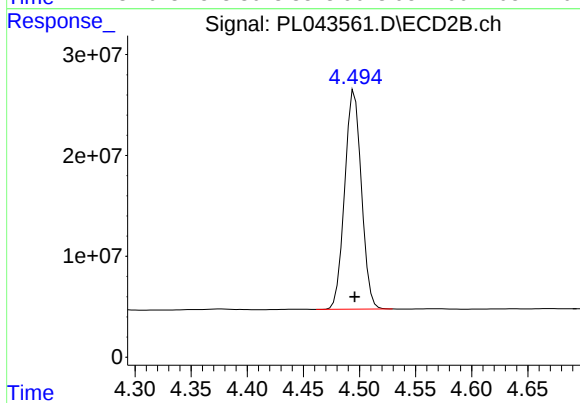
#1 Tetrachloro-m-xylene

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 58144821
Conc: 19.90 ng/ml



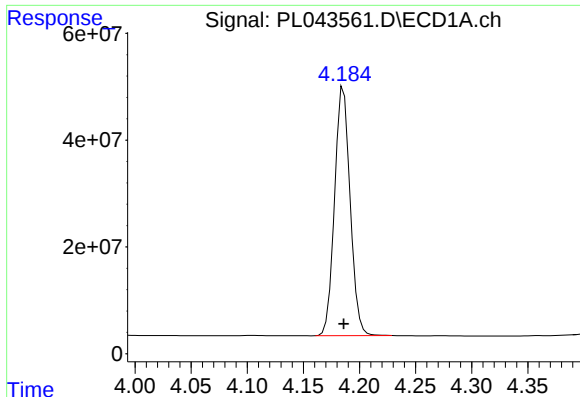
#2 alpha-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 486568617
Conc: 50.30 ng/ml



#2 alpha-BHC

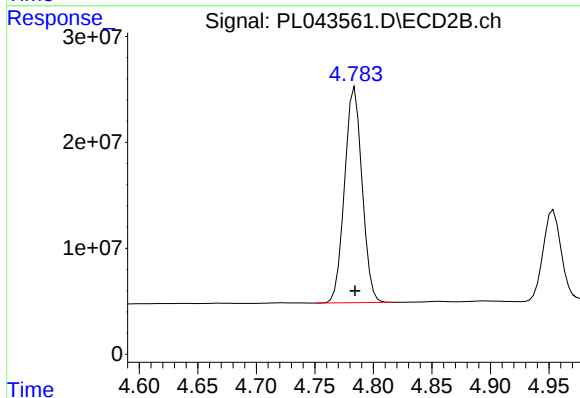
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 224740303
Conc: 53.17 ng/ml



#3 gamma-BHC (Lindane)

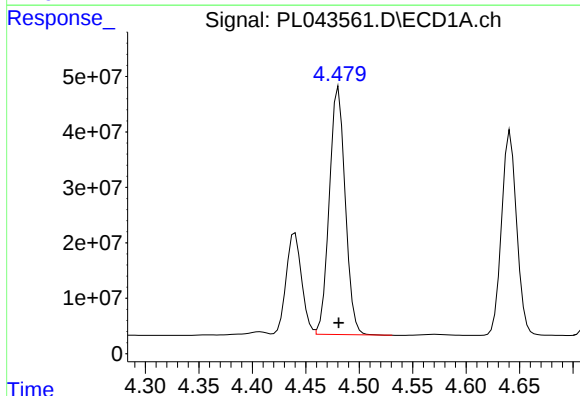
R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 450733703
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



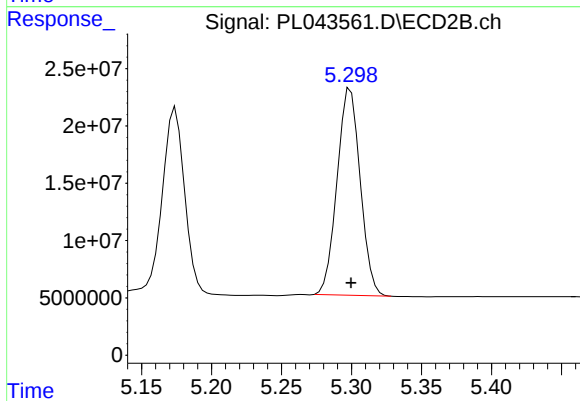
#3 gamma-BHC (Lindane)

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 211819526
Conc: 53.22 ng/ml



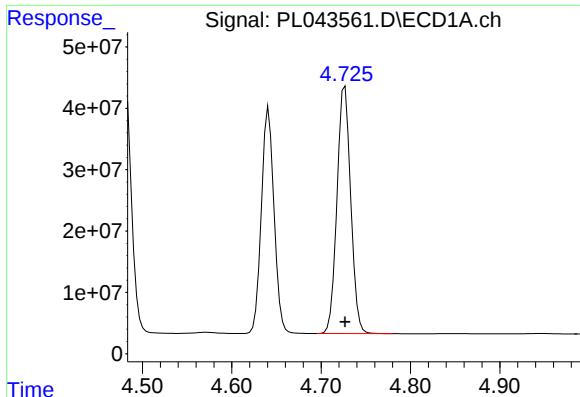
#4 Heptachlor

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 461111319
Conc: 51.61 ng/ml



#4 Heptachlor

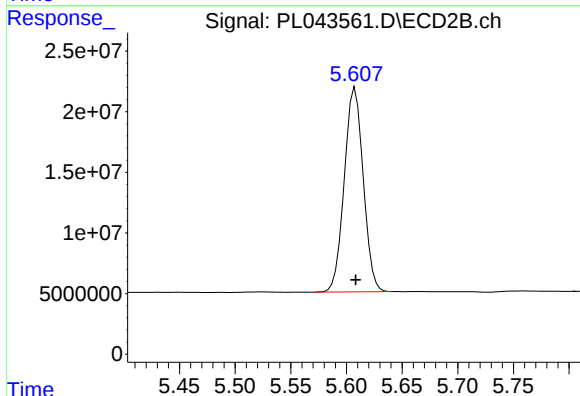
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 207928645
Conc: 53.10 ng/ml



#5 Aldrin

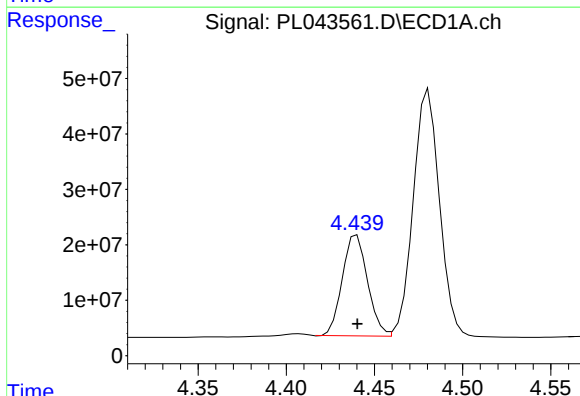
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 429696444
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



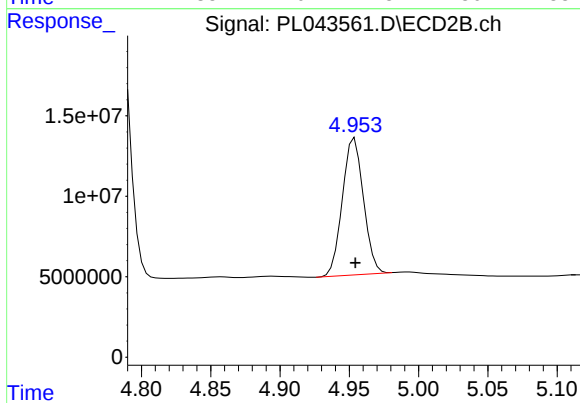
#5 Aldrin

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 199748430
Conc: 52.92 ng/ml



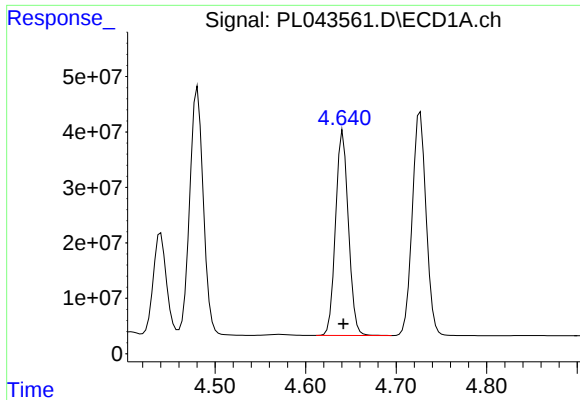
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 181032862
Conc: 49.48 ng/ml



#6 beta-BHC

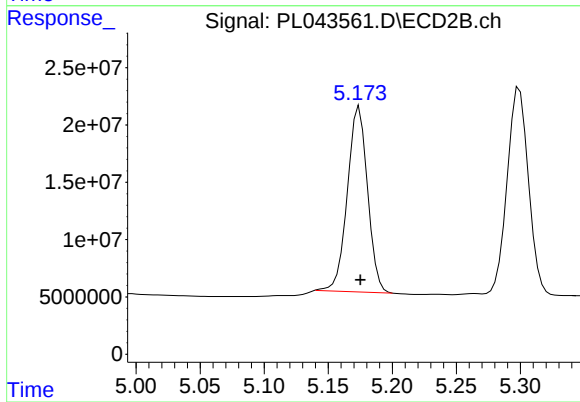
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 90215674
Conc: 53.87 ng/ml



#7 delta-BHC

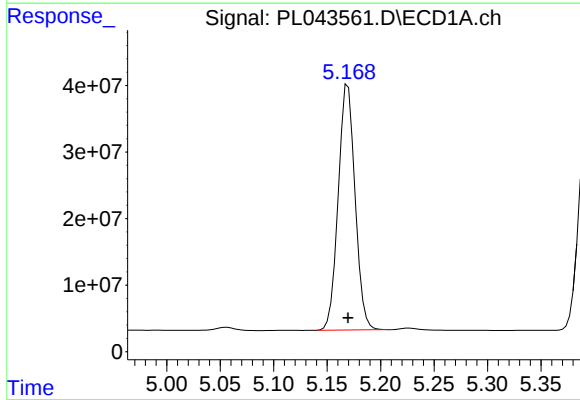
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 362755682
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



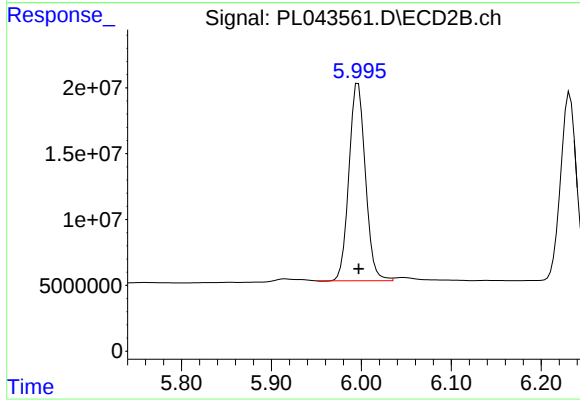
#7 delta-BHC

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 177141210
Conc: 41.89 ng/ml



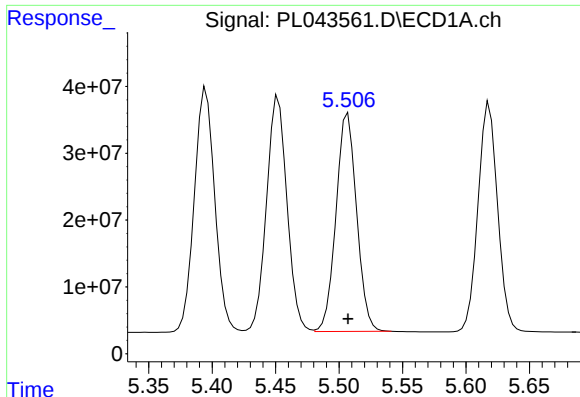
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 405108055
Conc: 52.68 ng/ml



#8 Heptachlor epoxide

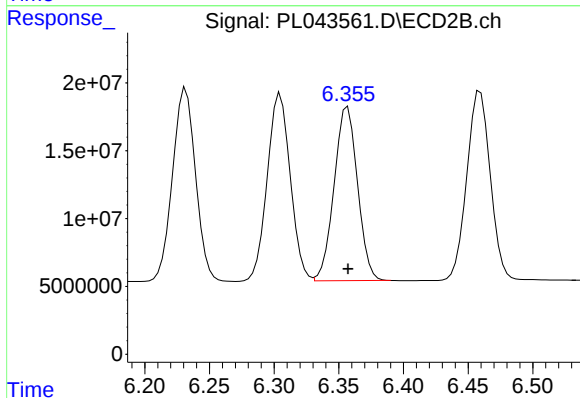
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 190207012
Conc: 52.03 ng/ml



#9 Endosulfan I

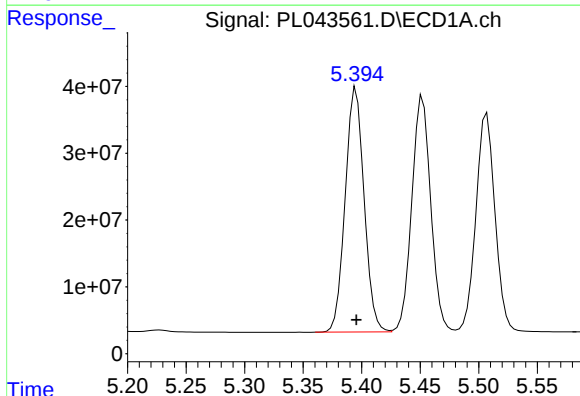
R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 369418368
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



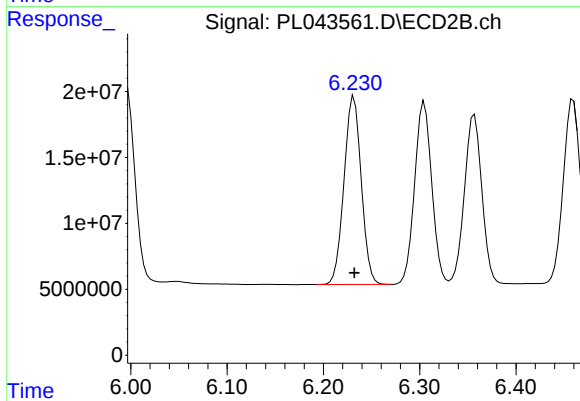
#9 Endosulfan I

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 161439067
Conc: 54.80 ng/ml



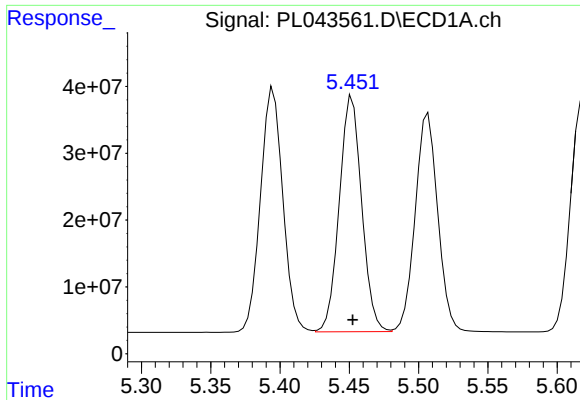
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 410550447
Conc: 52.35 ng/ml



#10 gamma-Chlordane

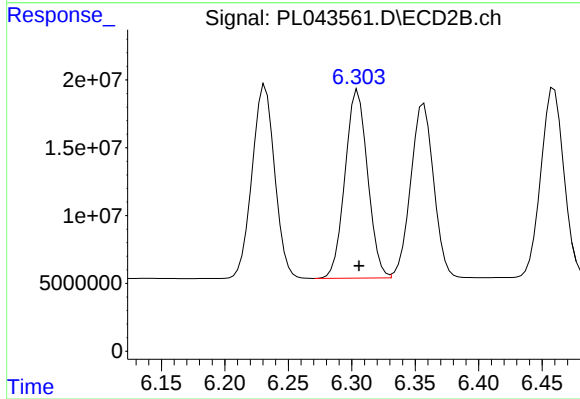
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 176692500
Conc: 54.83 ng/ml



#11 alpha-Chlordane

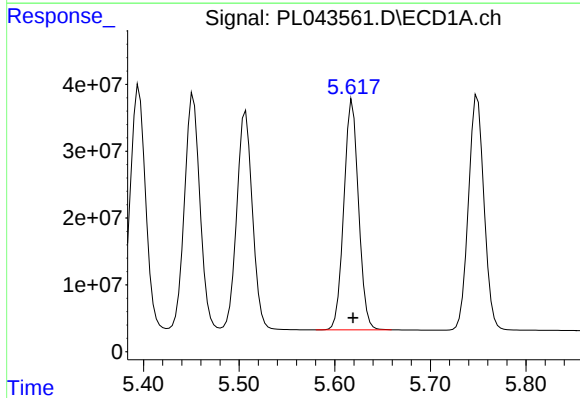
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 397645316
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



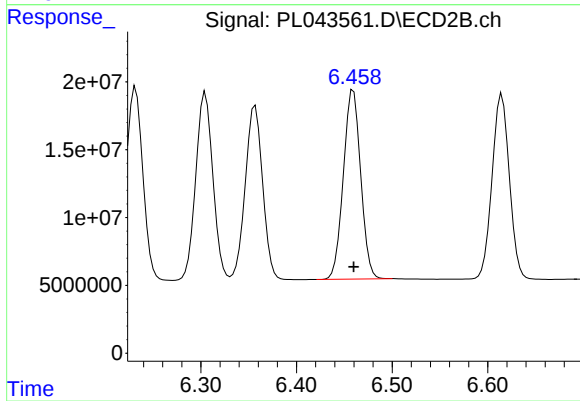
#11 alpha-Chlordane

R.T.: 6.305 min
Delta R.T.: -0.001 min
Response: 171592963
Conc: 54.87 ng/ml



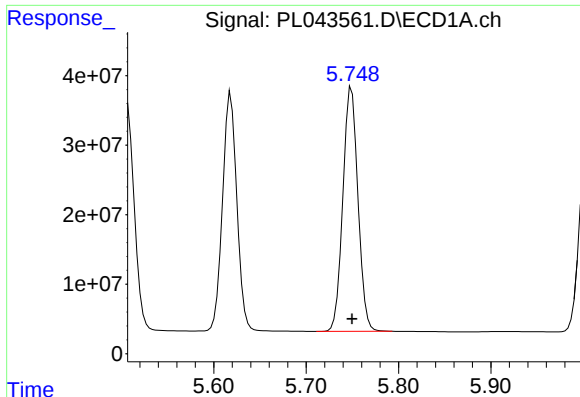
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 368656682
Conc: 55.43 ng/ml



#12 4,4'-DDE

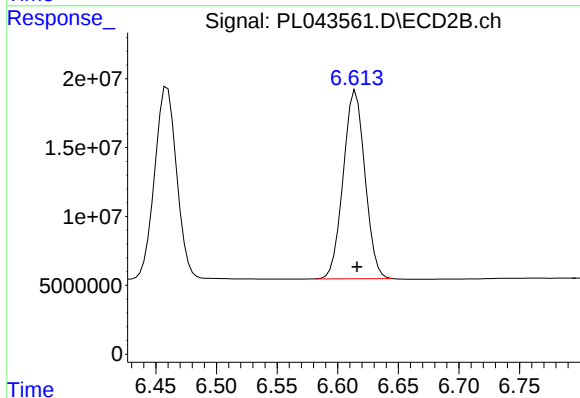
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 176323560
Conc: 54.07 ng/ml



#13 Dieldrin

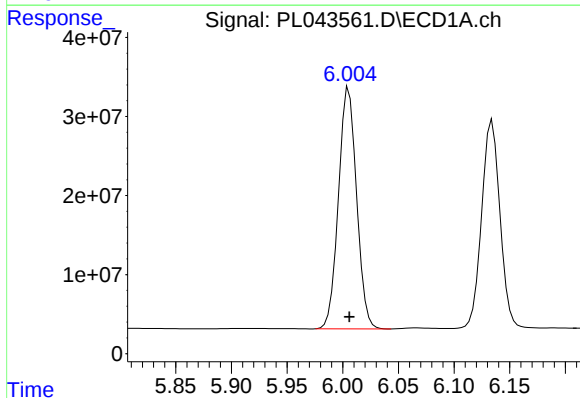
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 398957409
Conc: 56.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



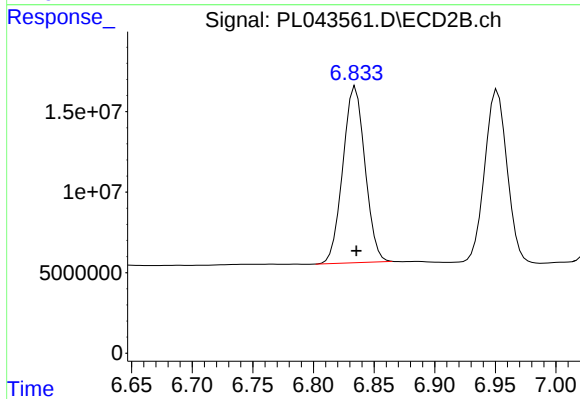
#13 Dieldrin

R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 170120517
Conc: 52.97 ng/ml



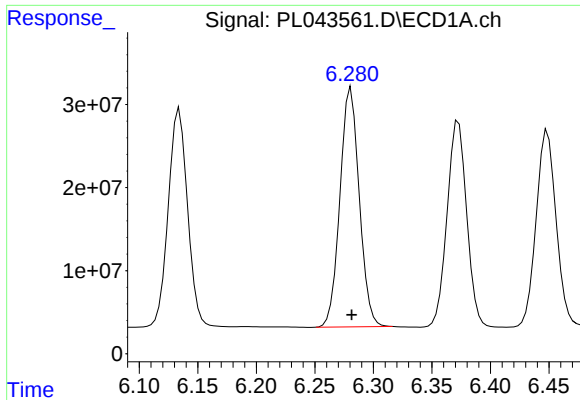
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 345898745
Conc: 56.63 ng/ml



#14 Endrin

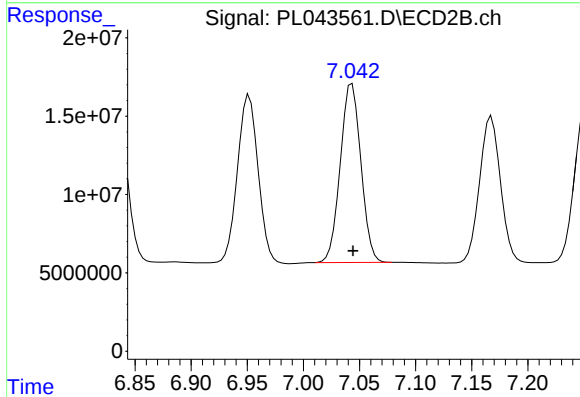
R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 139156374
Conc: 55.08 ng/ml



#15 Endosulfan II

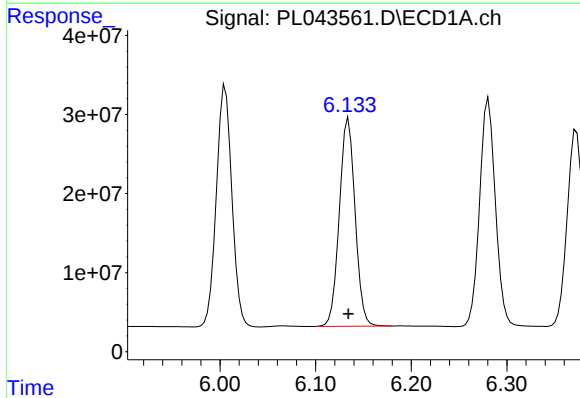
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 330618472
Conc: 56.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



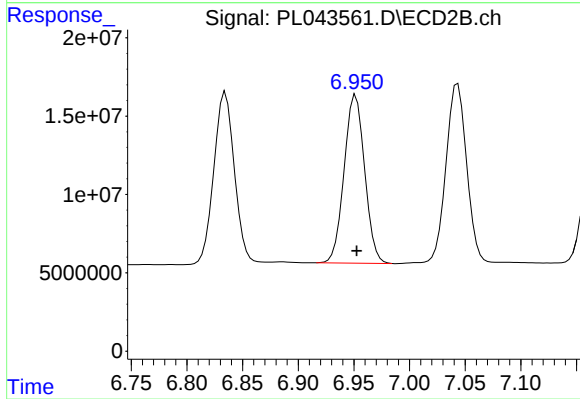
#15 Endosulfan II

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 146028691
Conc: 56.56 ng/ml



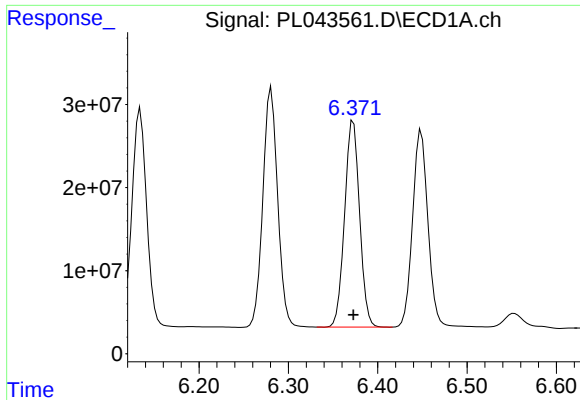
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 301663117
Conc: 56.95 ng/ml



#16 4,4'-DDD

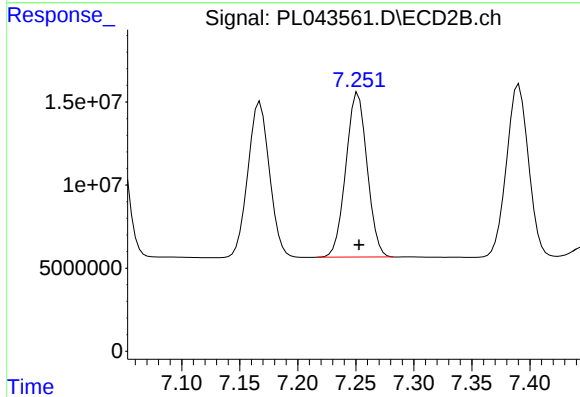
R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 137700511
Conc: 55.65 ng/ml



#17 4,4'-DDT

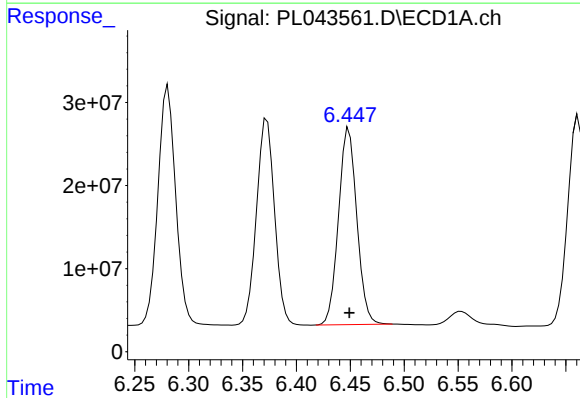
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 289370622
Conc: 57.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



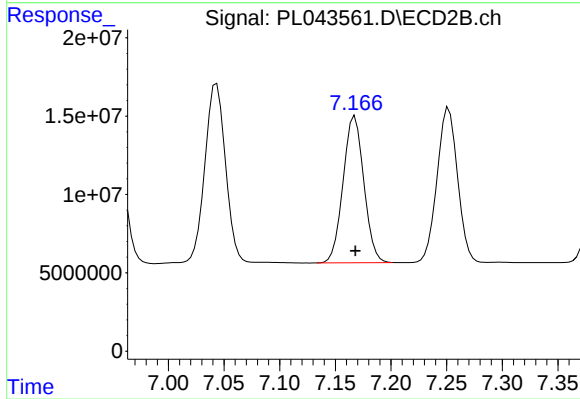
#17 4,4'-DDT

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 126164610
Conc: 56.48 ng/ml



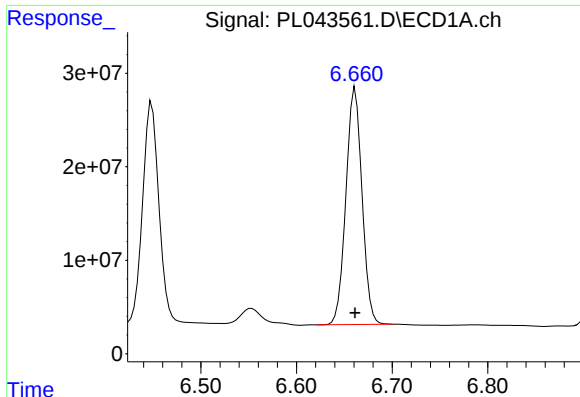
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 280571636
Conc: 55.80 ng/ml



#18 Endrin aldehyde

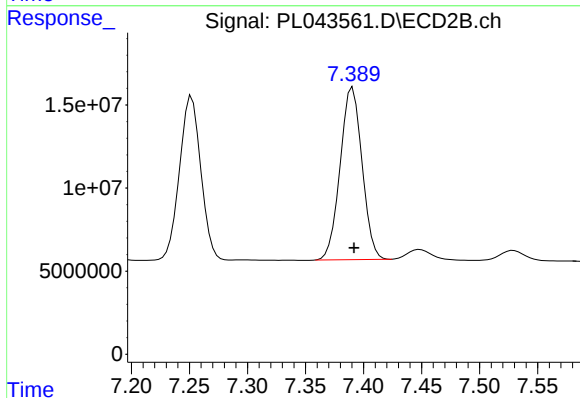
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 121393088
Conc: 57.05 ng/ml



#19 Endosulfan Sulfate

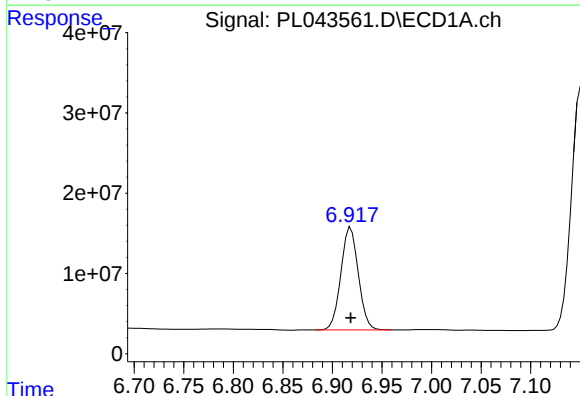
R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 297595790
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



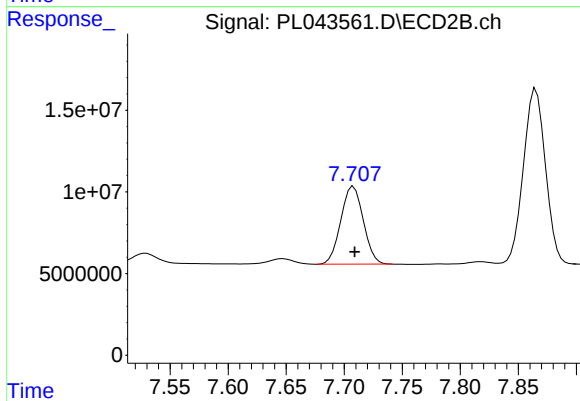
#19 Endosulfan Sulfate

R.T.: 7.391 min
Delta R.T.: -0.001 min
Response: 136263065
Conc: 54.26 ng/ml



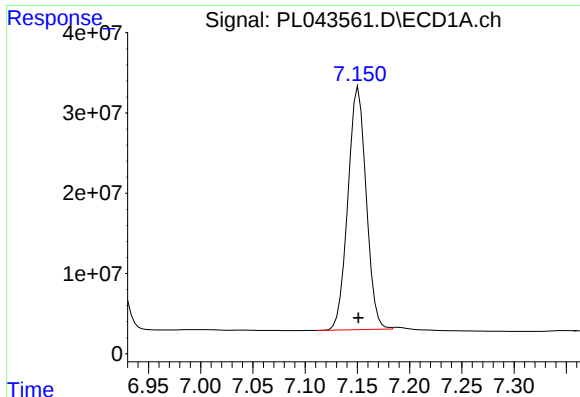
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 156395666
Conc: 56.64 ng/ml



#20 Methoxychlor

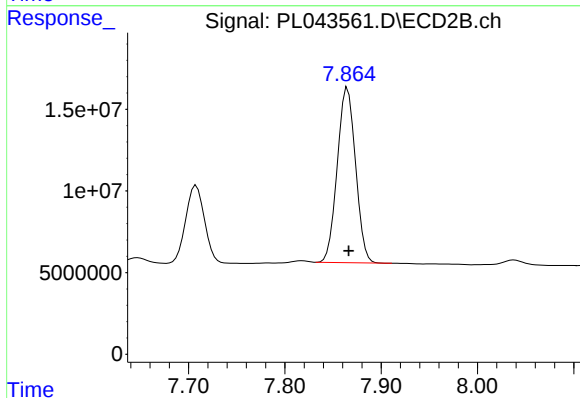
R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 64374657
Conc: 57.17 ng/ml



#21 Endrin ketone

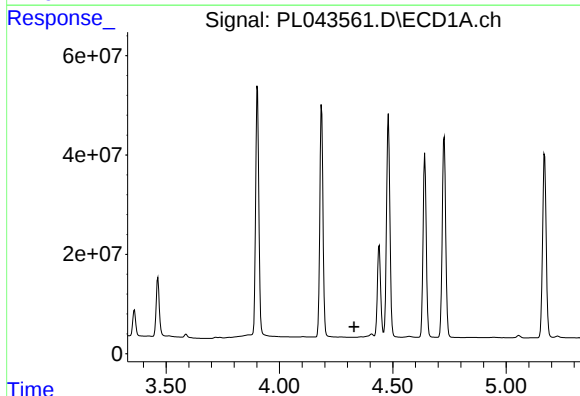
R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 367286598
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



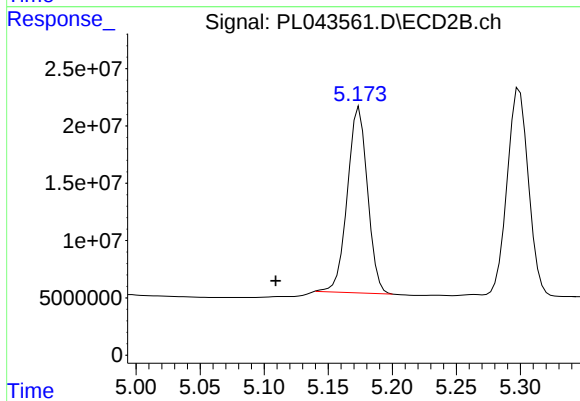
#21 Endrin ketone

R.T.: 7.865 min
Delta R.T.: -0.001 min
Response: 141166808
Conc: 56.69 ng/ml



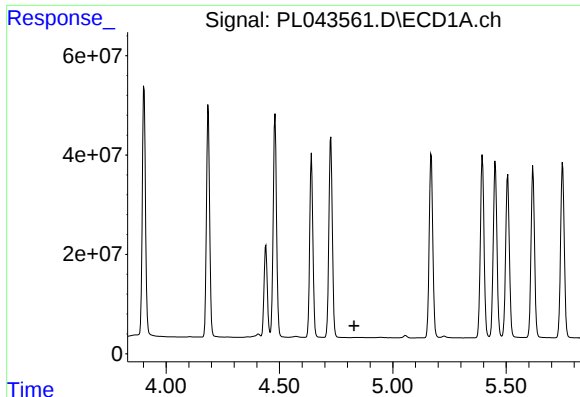
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.330 min
Response: 0
Conc: N.D.



#23 Chlordane-1

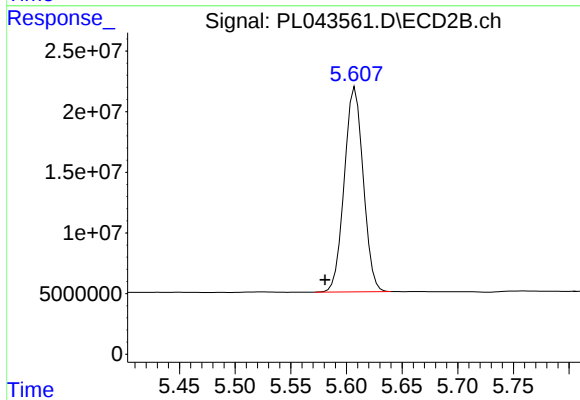
R.T.: 5.174 min
Delta R.T.: 0.065 min
Response: 177141210
Conc: 1324.17 ng/ml



#24 Chlordane-2

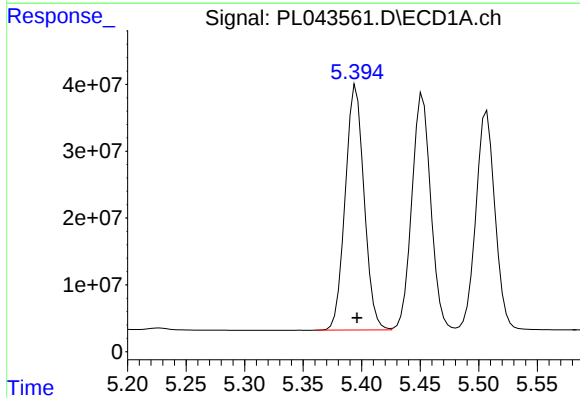
R.T.: 0.000 min
Exp R.T.: 4.829 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



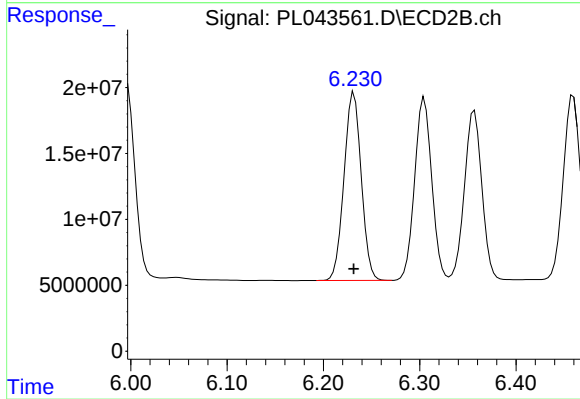
#24 Chlordane-2

R.T.: 5.608 min
Delta R.T.: 0.027 min
Response: 199748430
Conc: 1617.62 ng/ml



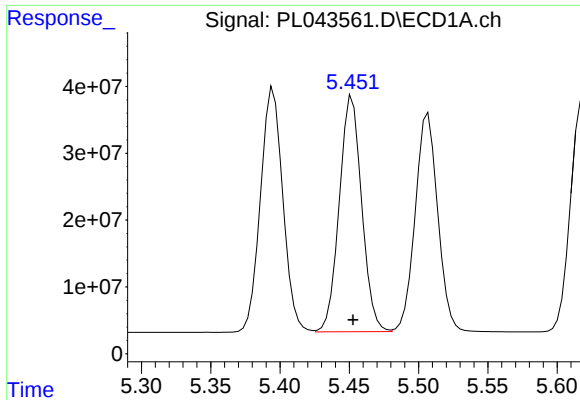
#25 Chlordane-3

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 410550447
Conc: 487.52 ng/ml



#25 Chlordane-3

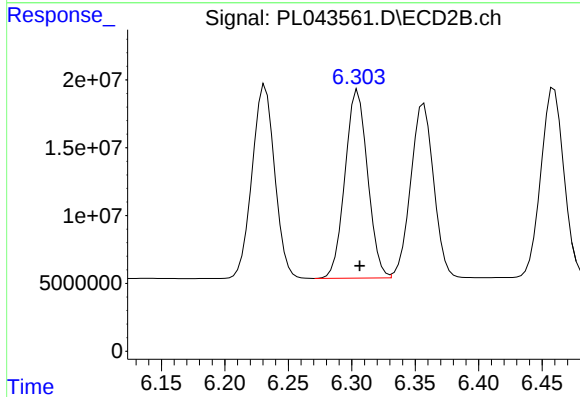
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 176692500
Conc: 408.06 ng/ml



#26 Chlordane-4

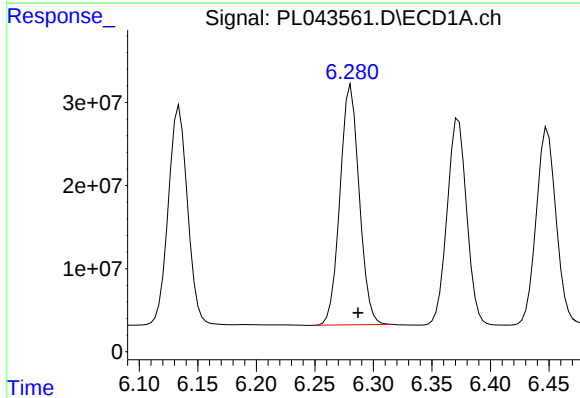
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 397645316
Conc: 534.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



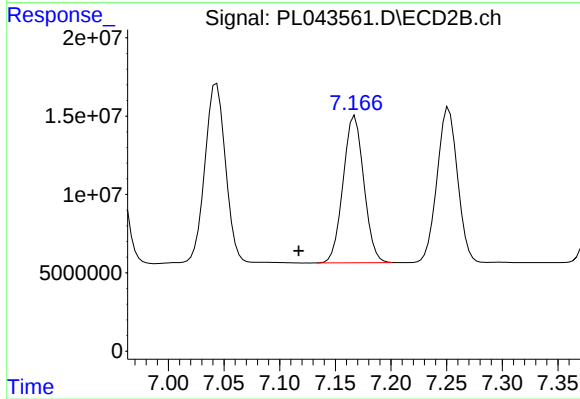
#26 Chlordane-4

R.T.: 6.305 min
Delta R.T.: -0.001 min
Response: 171592963
Conc: 341.90 ng/ml



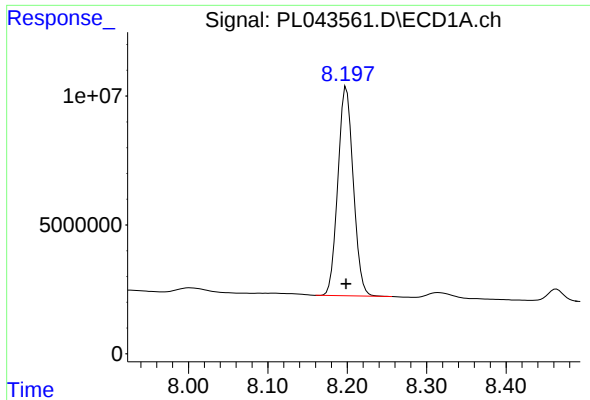
#27 Chlordane-5

R.T.: 6.281 min
Delta R.T.: -0.006 min
Response: 330618472
Conc: 1559.05 ng/ml



#27 Chlordane-5

R.T.: 7.168 min
Delta R.T.: 0.050 min
Response: 121393088
Conc: 1318.09 ng/ml



#28 Decachlorobiphenyl

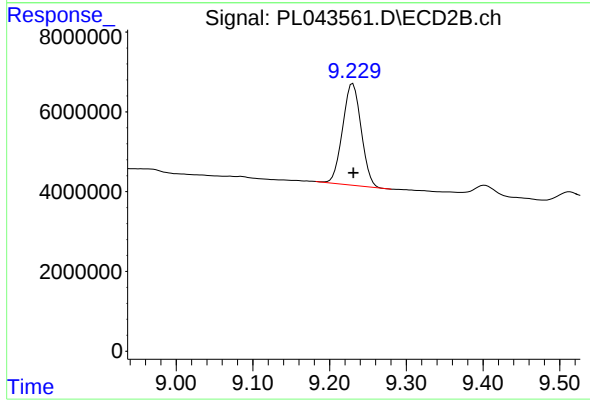
R.T.: 8.199 min

Delta R.T.: 0.000 min

Response: 109338846

Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.230 min

Delta R.T.: -0.001 min

Response: 42801872

Conc: 19.36 ng/ml