

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051424\
 Data File : PL089518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 13:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 21:51:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.552	2.799	42965495	28842380	21.337	22.480
2)	SA Decachlor...	9.063	7.946	21785508	27116056	15.572	20.158 #
Target Compounds							
2)	A alpha-BHC	4.006	3.303	30778558	19555875	10.793	10.364
3)	MA gamma-BHC...	4.338	3.633	29011846	18285190	10.421	9.909
4)	MA Heptachlor	4.915	4.002f	97220	30633	0.039	0.017 #
5)	MB Aldrin	5.262	4.263	299643	297575	0.117	0.168 #
6)	B beta-BHC	4.532	3.930	13656255	9735724	10.825	11.924
7)	B delta-BHC	4.759f	4.163	134242	105179	0.051	0.058
8)	B Heptachlo...	5.687	4.750	1043096	20448	0.445	0.013 #
9)	A Endosulfan I	6.100f	5.122	3346256	72265	1.557	0.048 #
10)	B gamma-Chl...	5.925f	5.021	3150961	338930	1.378	0.207 #
11)	B alpha-Chl...	0.000	5.081	0	73776	N.D.	0.045 #
12)	B 4,4'-DDE	6.202	5.262	3538258	1472817	1.749	1.013 #
13)	MA Dieldrin	6.332f	5.388	-5922	41196	N.D.	0.026
14)	MA Endrin	6.584	5.668	84358449	73986913	44.532	51.463
15)	B Endosulfa...	6.823f	5.978f	1899599	959905	0.952	0.667 #
16)	A 4,4'-DDD	6.719	5.817	3761214	2442722	2.230	1.981
17)	MA 4,4'-DDT	7.032	6.067	131.9E6	144.7E6	71.714	106.937 #
18)	B Endrin al...	6.932	6.142	2172491	2141892	1.437	1.926 #
19)	B Endosulfa...	7.160	6.373	11534835	51075	6.377	0.037 #
20)	A Methoxychlor	7.506	6.642	174.5E6	191.7E6	177.464	239.794 #
21)	B Endrin ke...	7.651	6.869	6408284	3227308	3.202	2.018 #
22)	Mirex	8.121	0.000	573587	0	0.369	N.D. #
23)	Chlordane-1	0.000	3.802	0	8346	N.D.	0.170 #
24)	Chlordane-2	5.242	4.353f	219063	523783	2.084	8.234 #
25)	Chlordane-3	5.925f	5.021	3150961	338930	9.541	1.979 #
26)	Chlordane-4	0.000	5.081	0	73776	N.D.	0.459 #
27)	Chlordane-5	0.000	5.763f	0	526332	N.D.	10.284 #

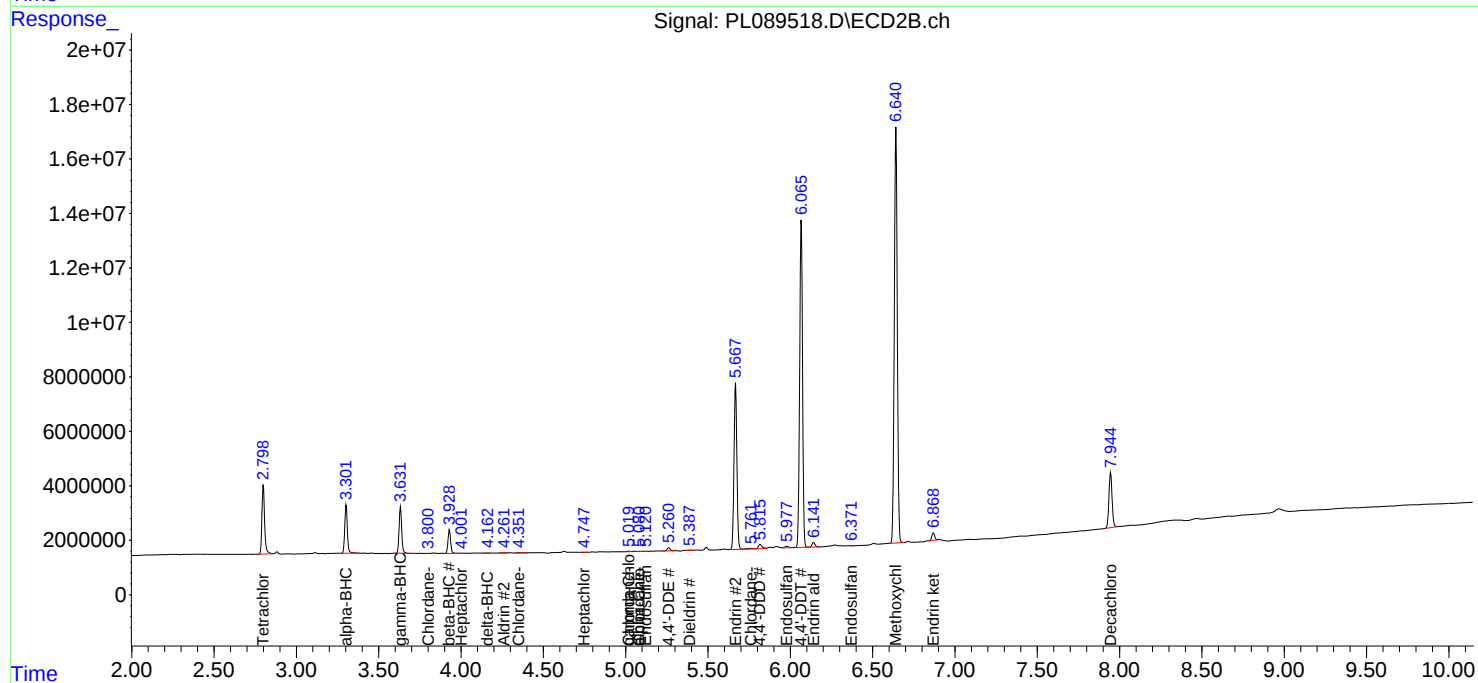
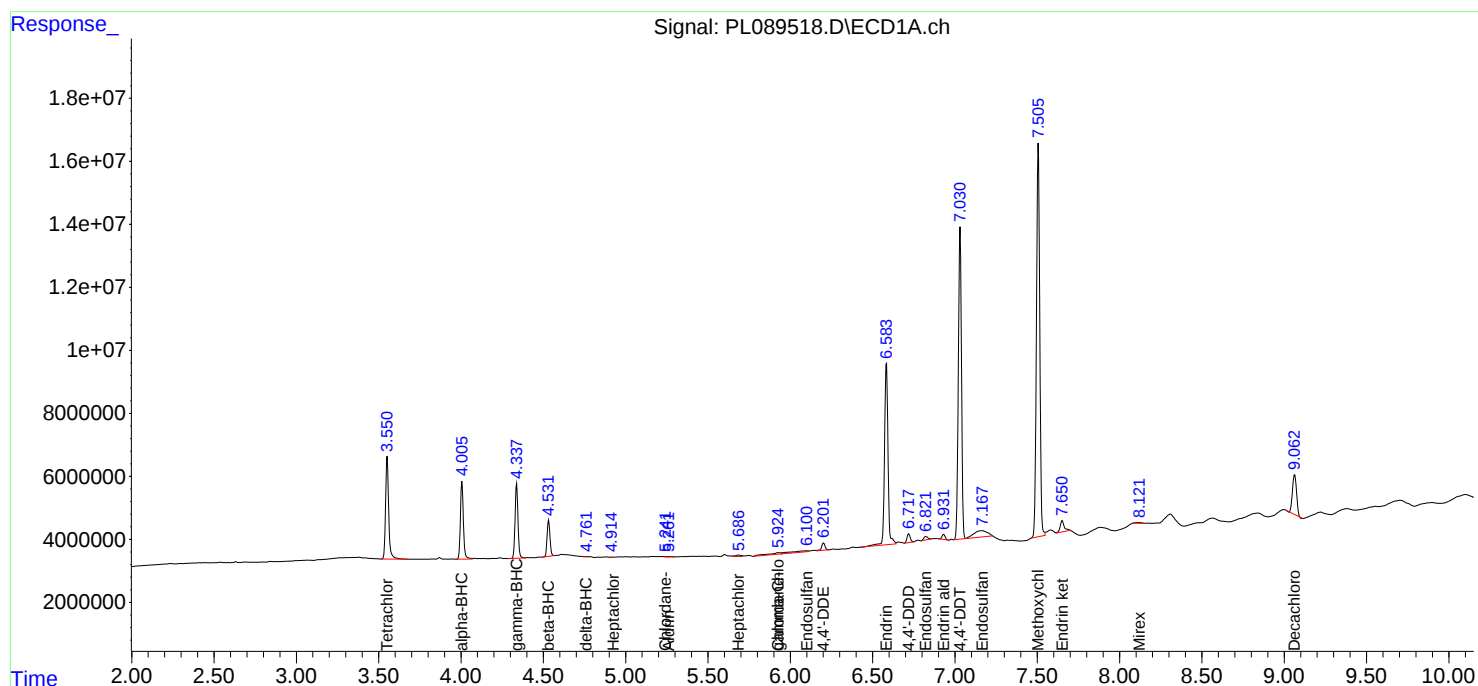
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

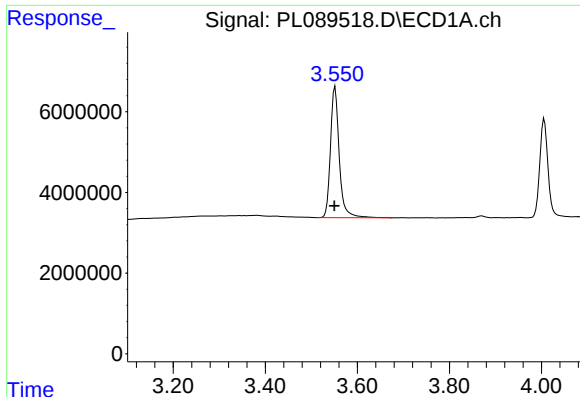
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051424\
Data File : PL089518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 13:59
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 21:51:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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

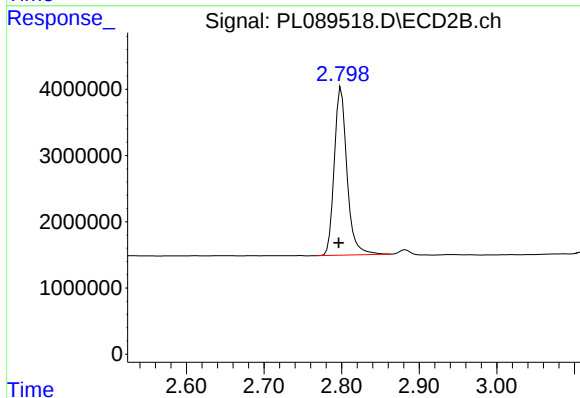




#1 Tetrachloro-m-xylene

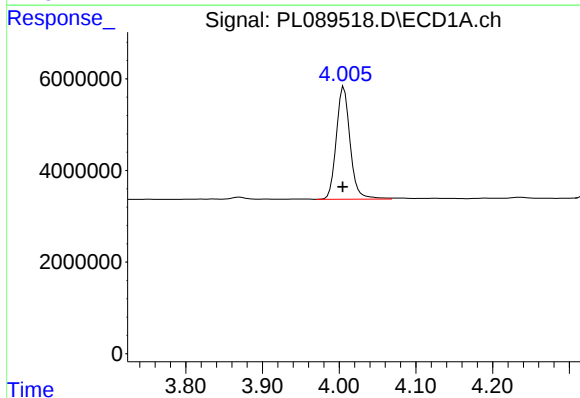
R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 42965495
Conc: 21.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



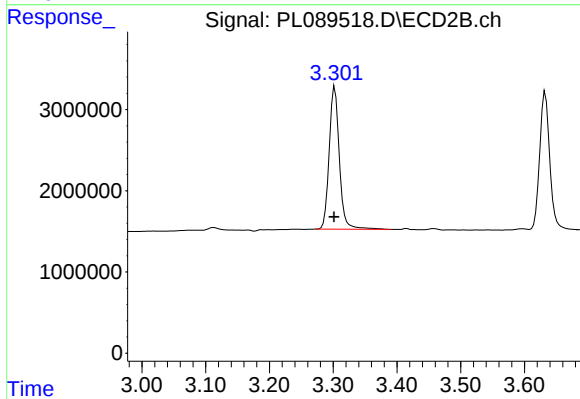
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.003 min
Response: 28842380
Conc: 22.48 ng/ml



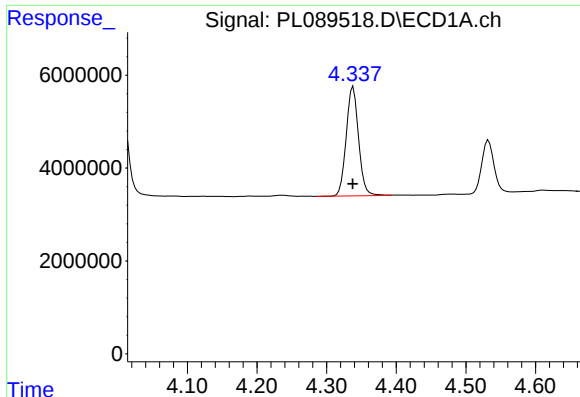
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 30778558
Conc: 10.79 ng/ml



#2 alpha-BHC

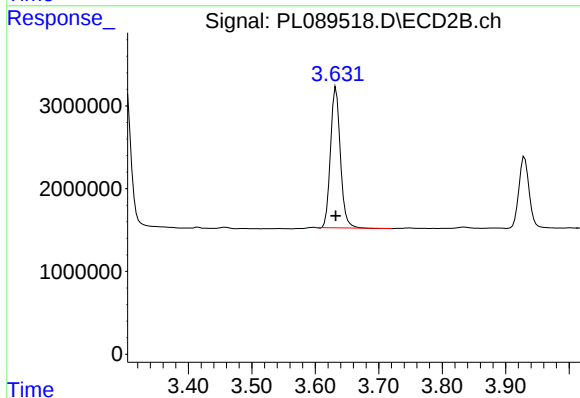
R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 19555875
Conc: 10.36 ng/ml



#3 gamma-BHC (Lindane)

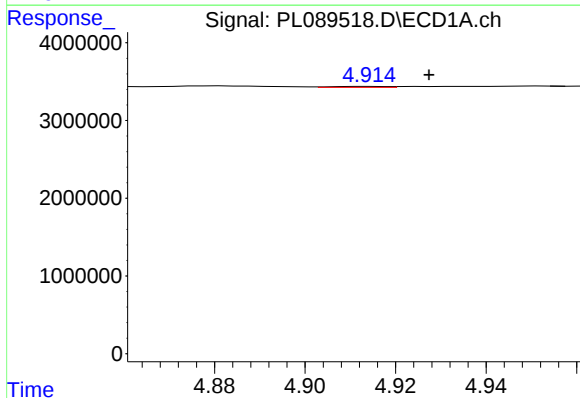
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 29011846
Conc: 10.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



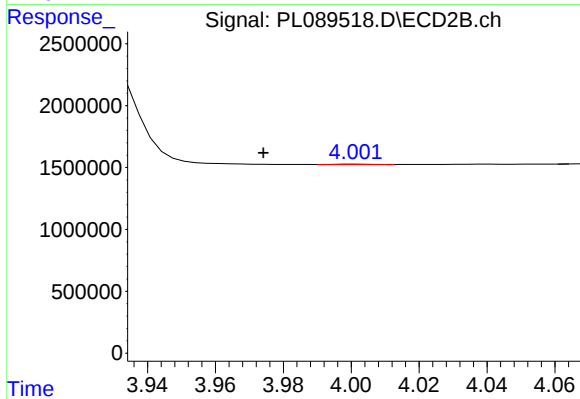
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 18285190
Conc: 9.91 ng/ml



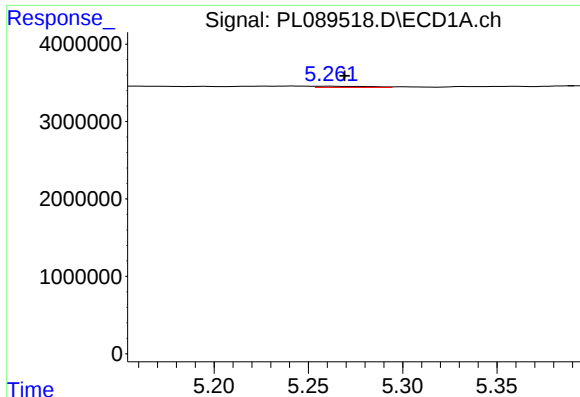
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.012 min
Response: 97220
Conc: 0.04 ng/ml



#4 Heptachlor

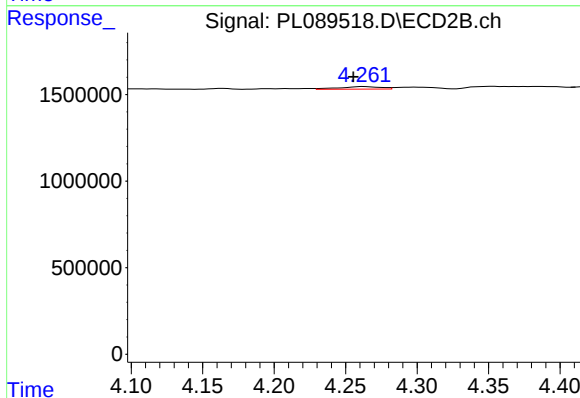
R.T.: 4.002 min
Delta R.T.: 0.028 min
Response: 30633
Conc: 0.02 ng/ml



#5 Aldrin

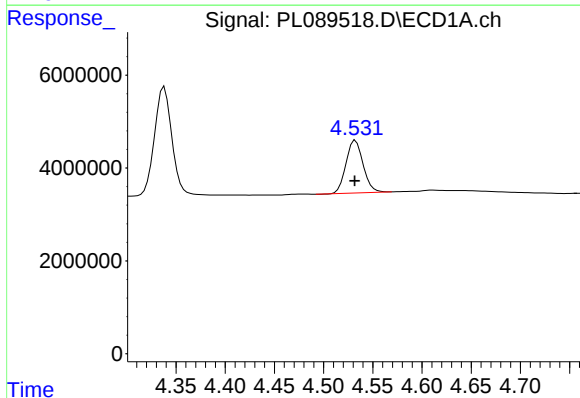
R.T.: 5.262 min
Delta R.T.: -0.007 min
Response: 299643
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



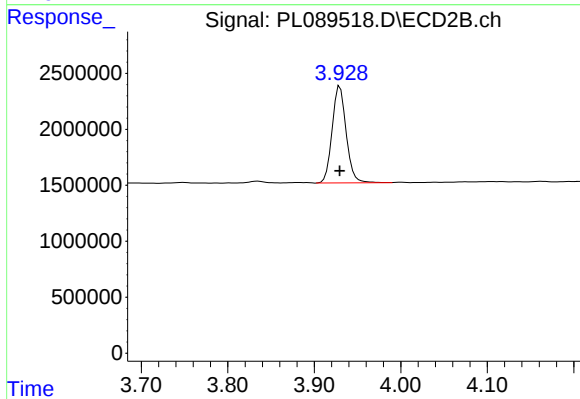
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.007 min
Response: 297575
Conc: 0.17 ng/ml



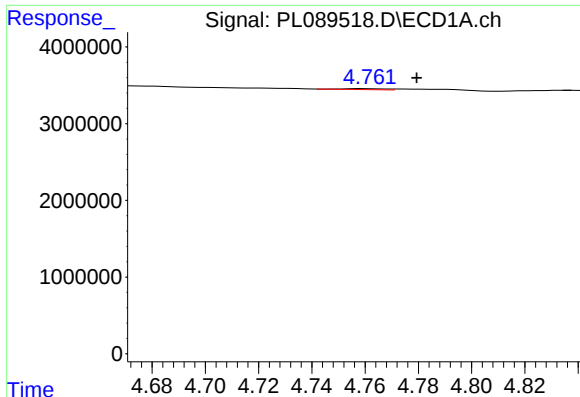
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 13656255
Conc: 10.82 ng/ml



#6 beta-BHC

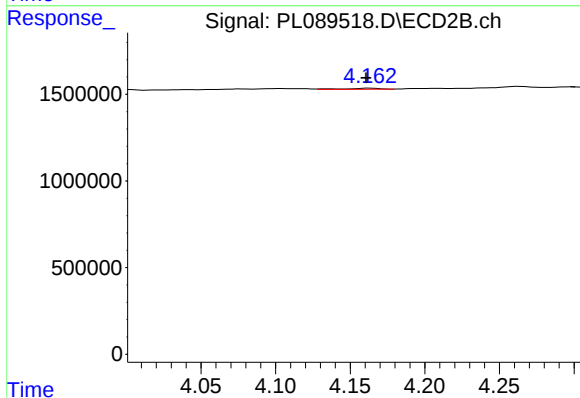
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9735724
Conc: 11.92 ng/ml



#7 delta-BHC

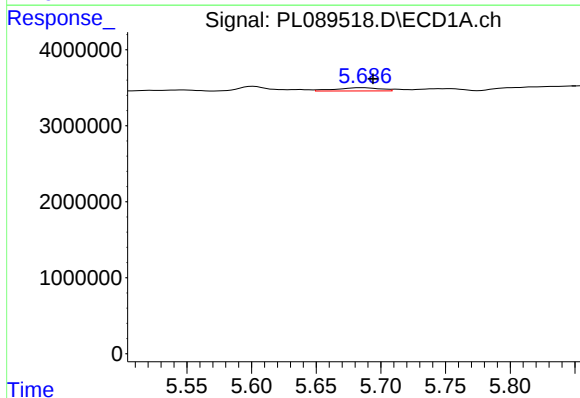
R.T.: 4.759 min
Delta R.T.: -0.020 min
Response: 134242
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



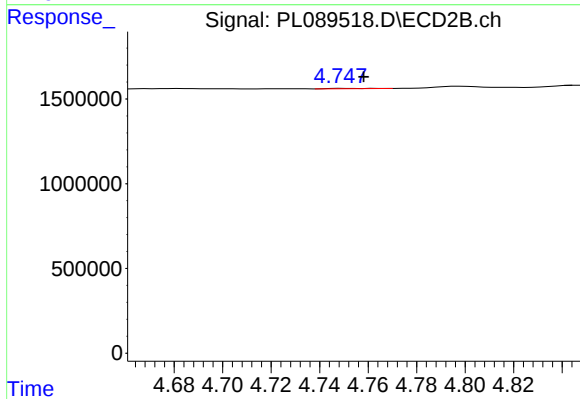
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.003 min
Response: 105179
Conc: 0.06 ng/ml



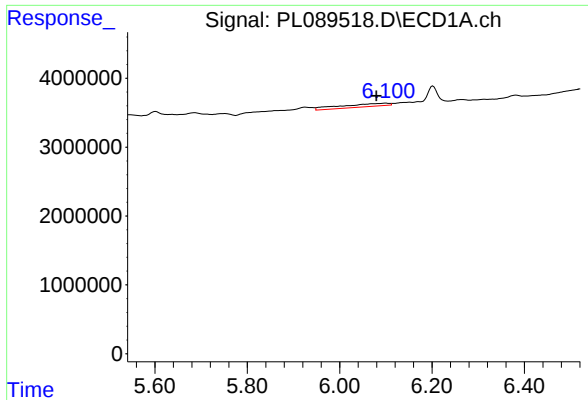
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 1043096
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

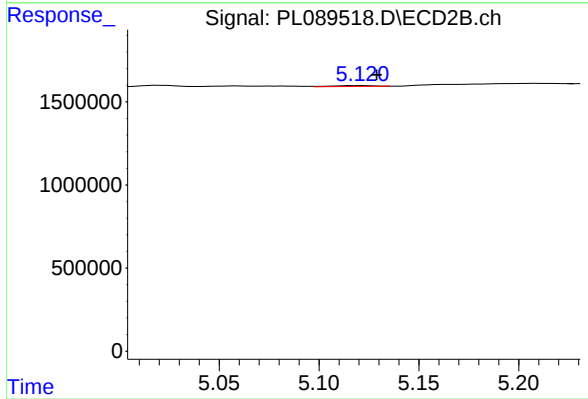
R.T.: 4.750 min
Delta R.T.: -0.008 min
Response: 20448
Conc: 0.01 ng/ml



#9 Endosulfan I

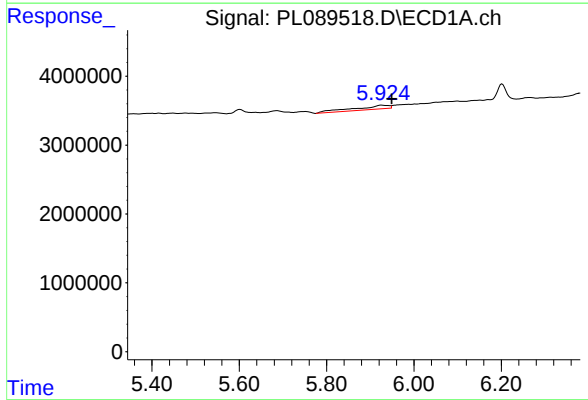
R.T.: 6.100 min
Delta R.T.: 0.021 min
Response: 3346256
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



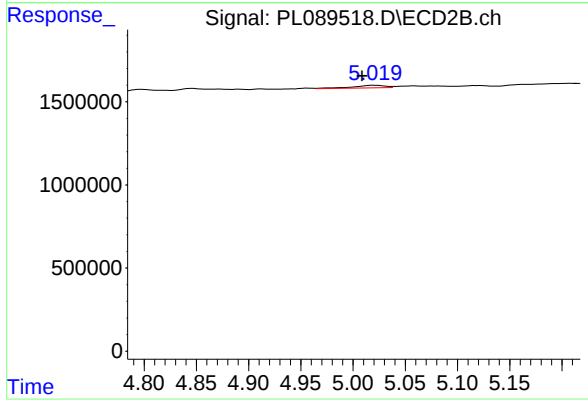
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: -0.007 min
Response: 72265
Conc: 0.05 ng/ml



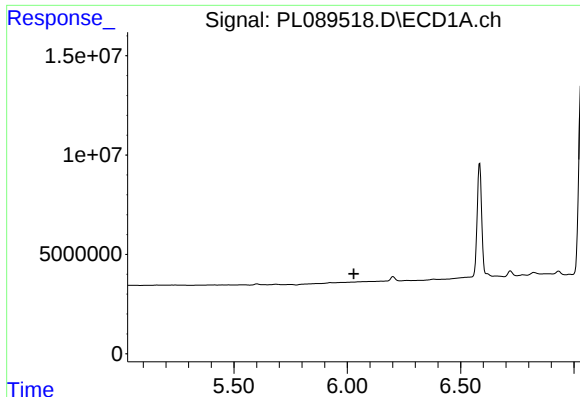
#10 gamma-Chlordane

R.T.: 5.925 min
Delta R.T.: -0.024 min
Response: 3150961
Conc: 1.38 ng/ml



#10 gamma-Chlordane

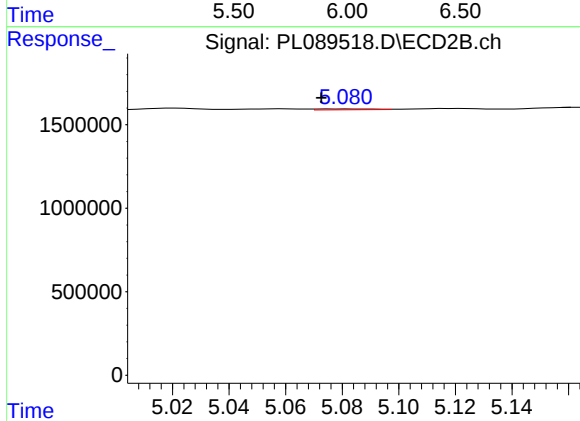
R.T.: 5.021 min
Delta R.T.: 0.012 min
Response: 338930
Conc: 0.21 ng/ml



#11 alpha-Chlordane

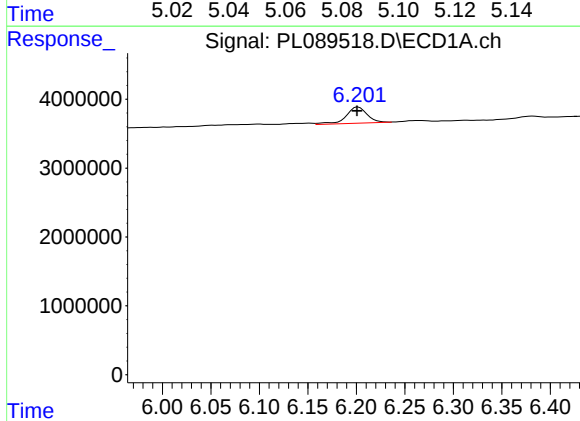
R.T.: 0.000 min
Exp R.T.: 6.029 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



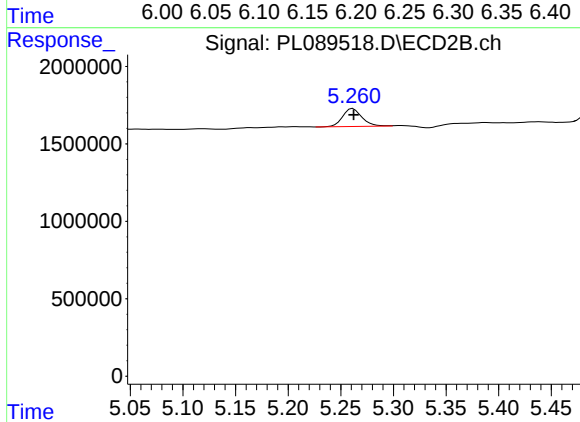
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.008 min
Response: 73776
Conc: 0.04 ng/ml



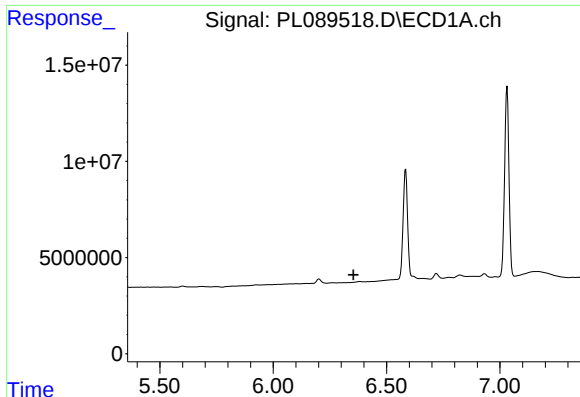
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 3538258
Conc: 1.75 ng/ml



#12 4,4'-DDE

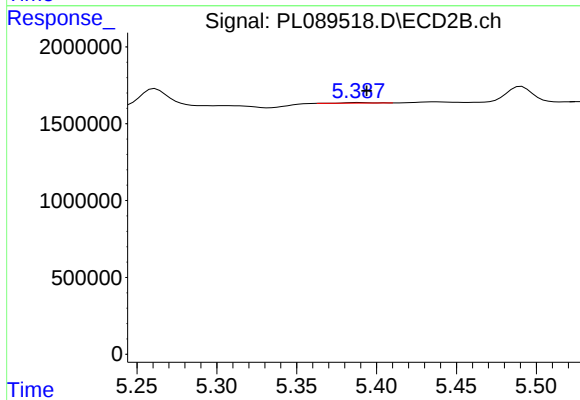
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1472817
Conc: 1.01 ng/ml



#13 Dieldrin

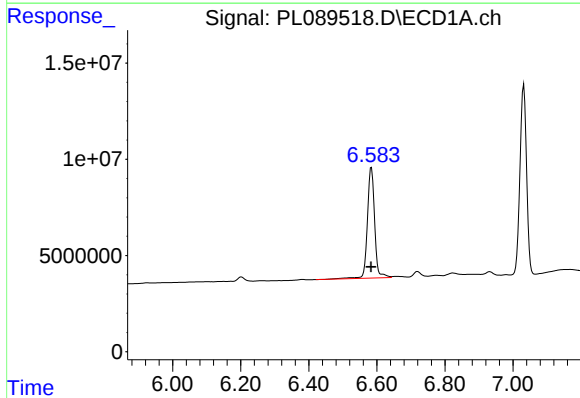
R.T.: 6.332 min
Delta R.T.: -0.023 min
Response: -5922
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



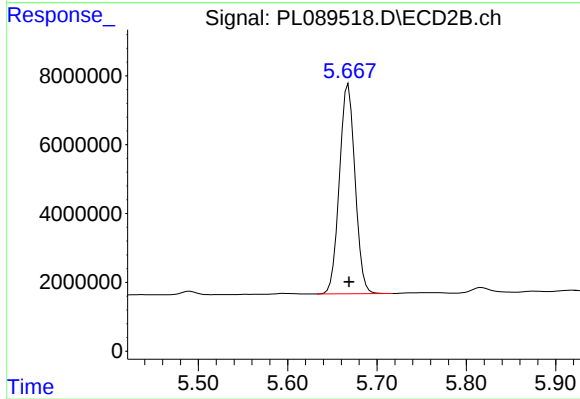
#13 Dieldrin

R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: 41196
Conc: 0.03 ng/ml



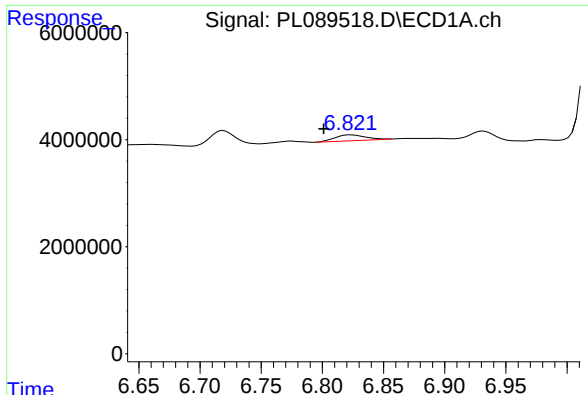
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 84358449
Conc: 44.53 ng/ml



#14 Endrin

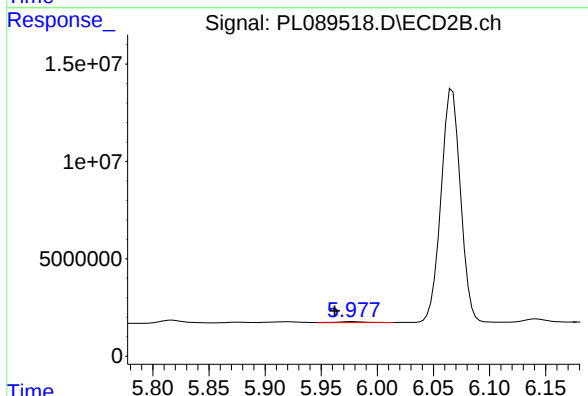
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 73986913
Conc: 51.46 ng/ml



#15 Endosulfan II

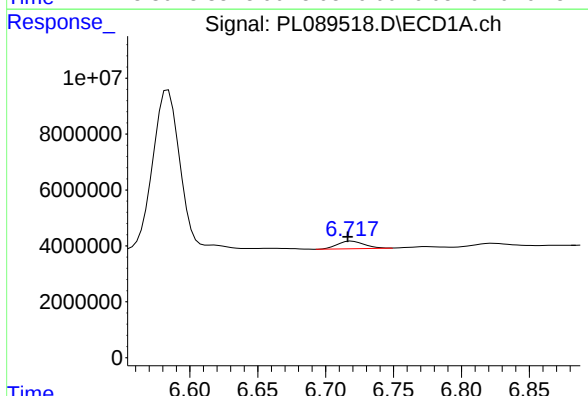
R.T.: 6.823 min
Delta R.T.: 0.022 min
Response: 1899599
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



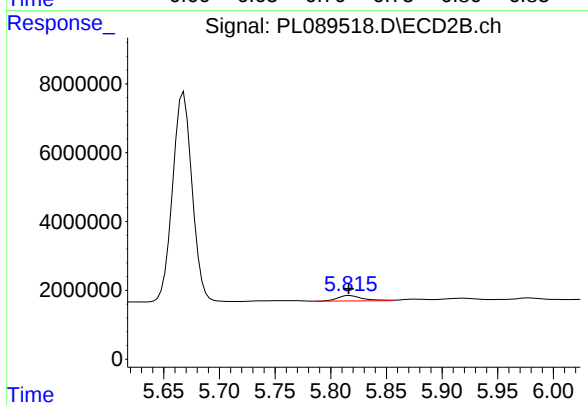
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.016 min
Response: 959905
Conc: 0.67 ng/ml



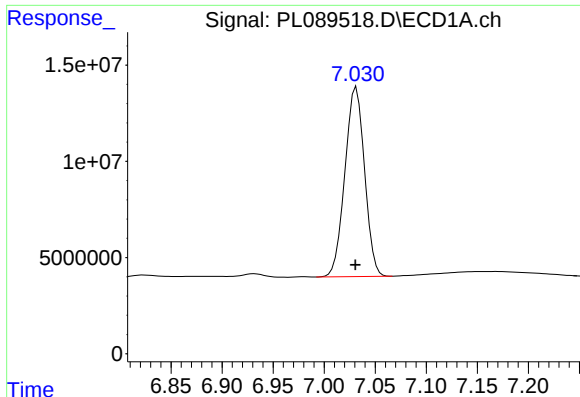
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 3761214
Conc: 2.23 ng/ml



#16 4,4'-DDD

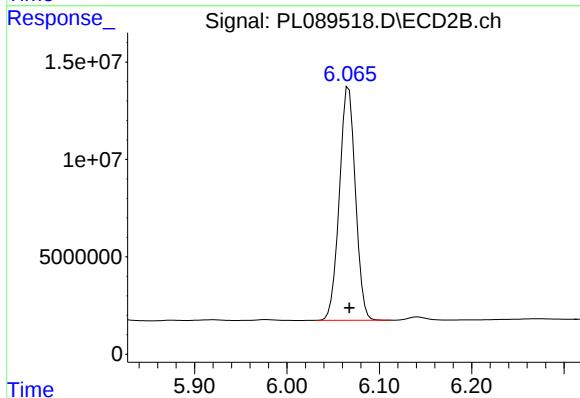
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2442722
Conc: 1.98 ng/ml



#17 4,4'-DDT

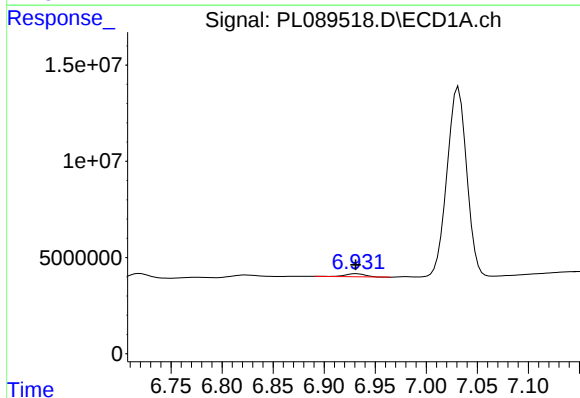
R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 131881135
Conc: 71.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



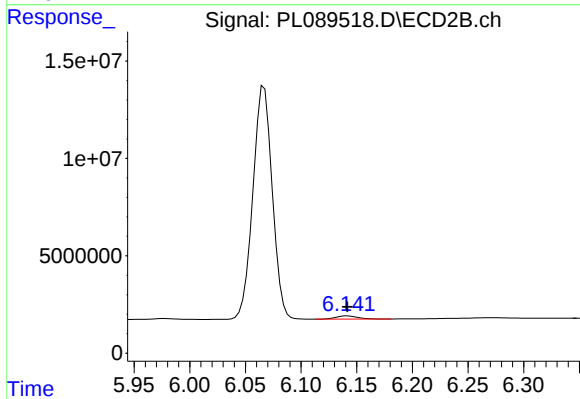
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 144683983
Conc: 106.94 ng/ml



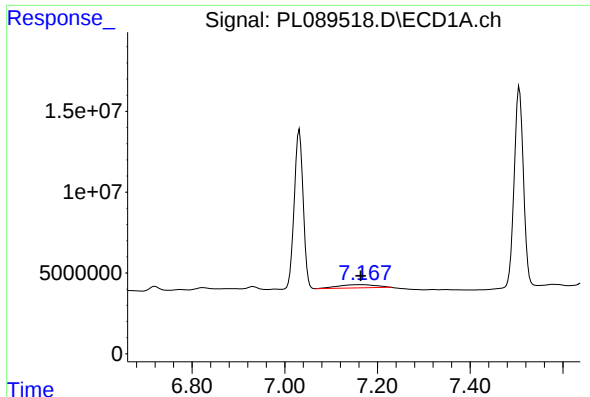
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2172491
Conc: 1.44 ng/ml



#18 Endrin aldehyde

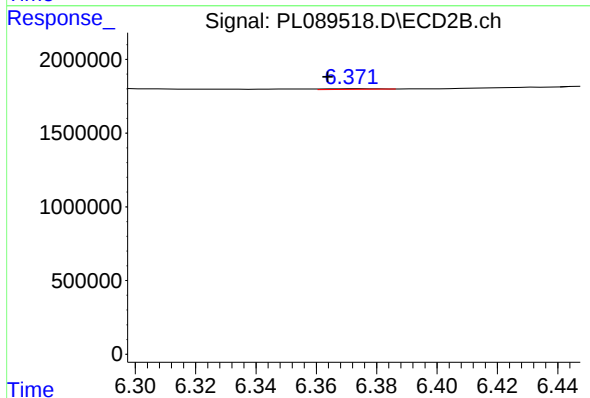
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 2141892
Conc: 1.93 ng/ml



#19 Endosulfan Sulfate

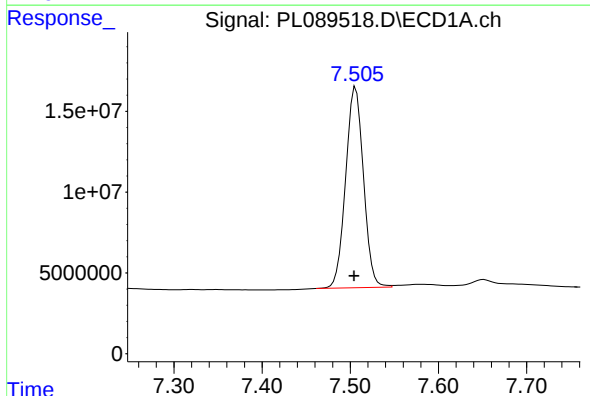
R.T.: 7.160 min
Delta R.T.: -0.005 min
Response: 11534835
Conc: 6.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



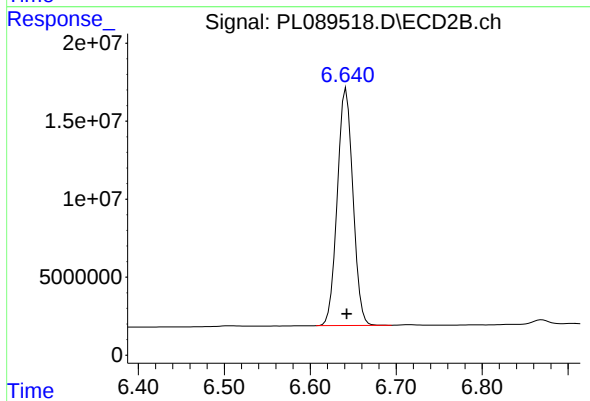
#19 Endosulfan Sulfate

R.T.: 6.373 min
Delta R.T.: 0.009 min
Response: 51075
Conc: 0.04 ng/ml



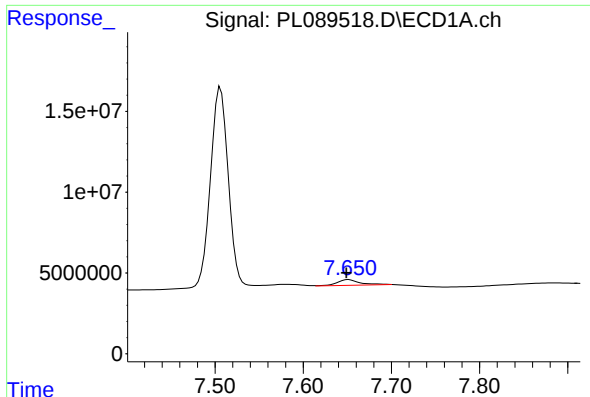
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 174518365
Conc: 177.46 ng/ml



#20 Methoxychlor

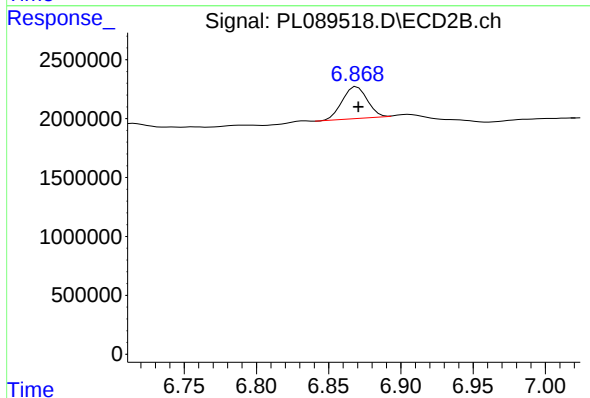
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 191735745
Conc: 239.79 ng/ml



#21 Endrin ketone

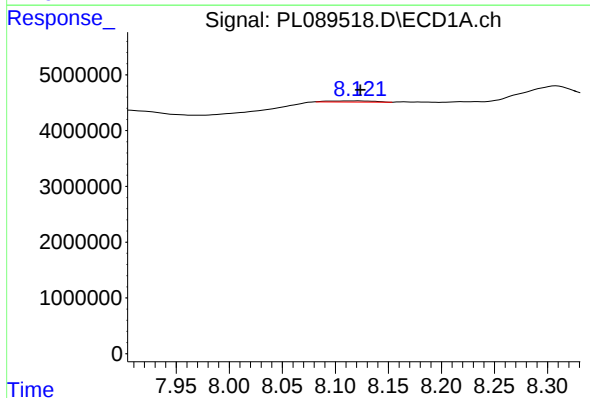
R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 6408284
Conc: 3.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



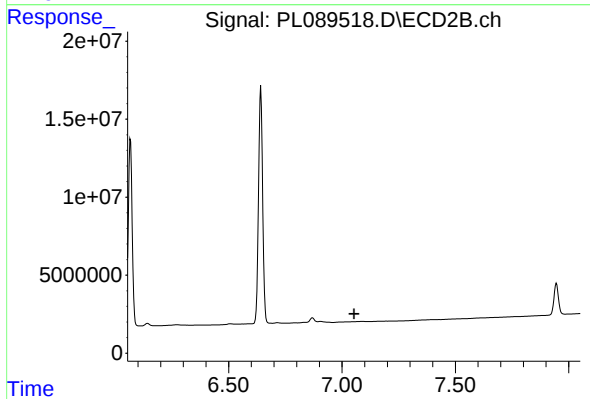
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: -0.001 min
Response: 3227308
Conc: 2.02 ng/ml



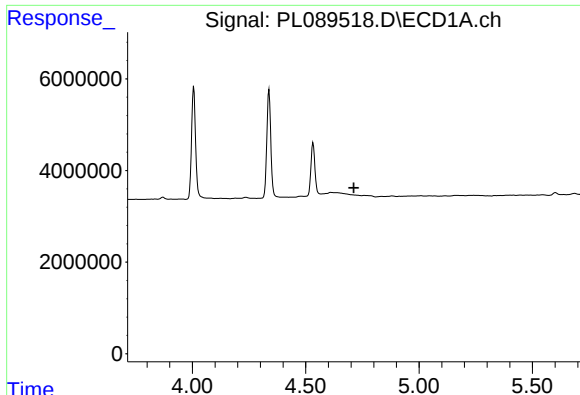
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 573587
Conc: 0.37 ng/ml



#22 Mirex

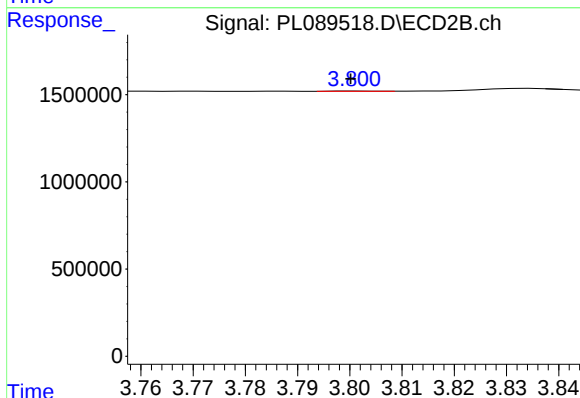
R.T.: 0.000 min
Exp R.T.: 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

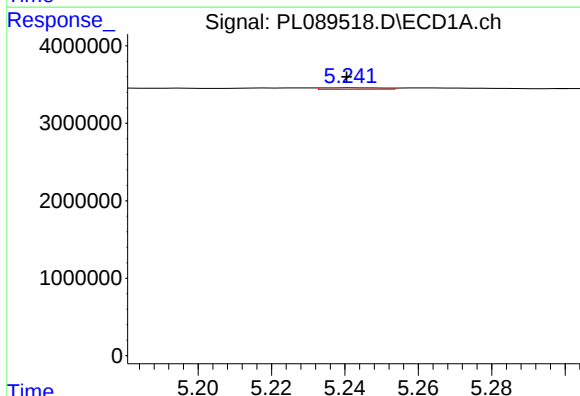
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



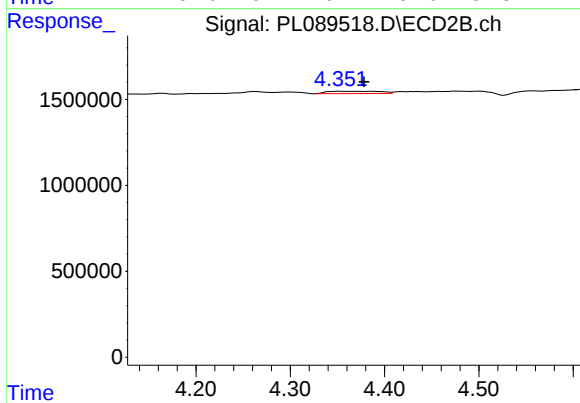
#23 Chlordane-1

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 8346
Conc: 0.17 ng/ml



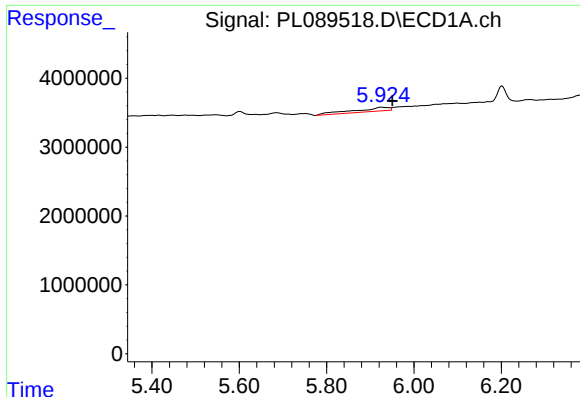
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 219063
Conc: 2.08 ng/ml



#24 Chlordane-2

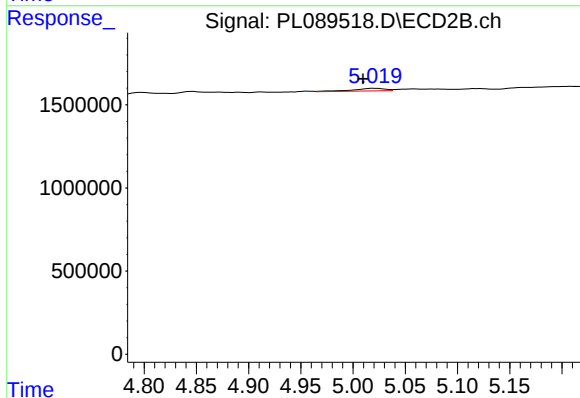
R.T.: 4.353 min
Delta R.T.: -0.025 min
Response: 523783
Conc: 8.23 ng/ml



#25 Chlordane-3

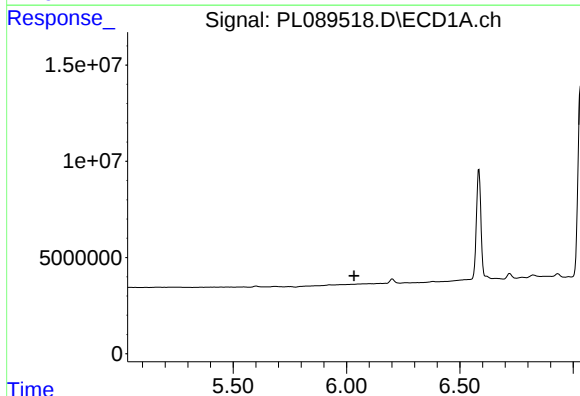
R.T.: 5.925 min
Delta R.T.: -0.026 min
Response: 3150961
Conc: 9.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



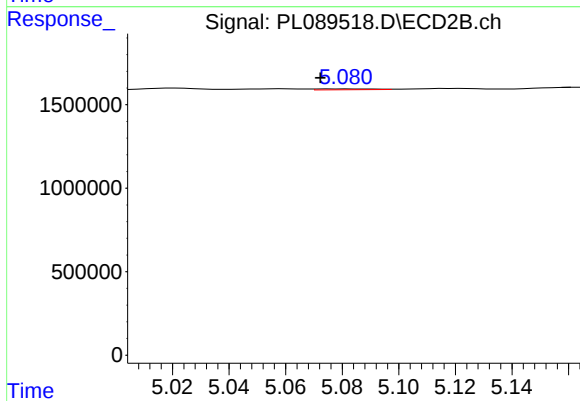
#25 Chlordane-3

R.T.: 5.021 min
Delta R.T.: 0.011 min
Response: 338930
Conc: 1.98 ng/ml



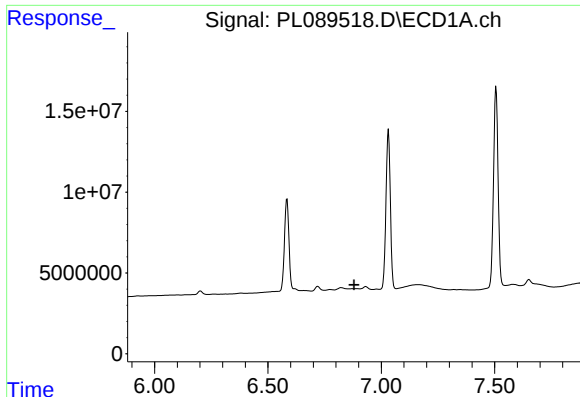
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.033 min
Response: 0
Conc: N.D.



#26 Chlordane-4

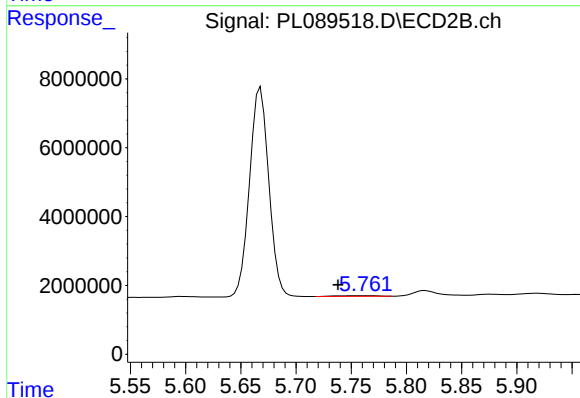
R.T.: 5.081 min
Delta R.T.: 0.009 min
Response: 73776
Conc: 0.46 ng/ml



#27 Chlordane-5

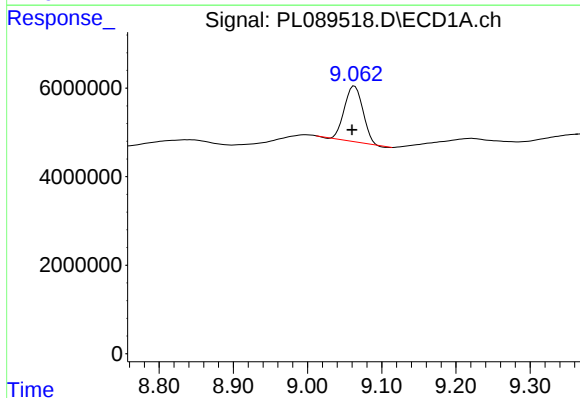
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



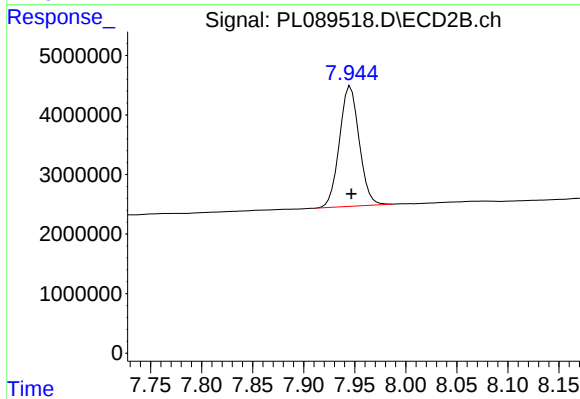
#27 Chlordane-5

R.T.: 5.763 min
Delta R.T.: 0.024 min
Response: 526332
Conc: 10.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 21785508
Conc: 15.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 27116056
Conc: 20.16 ng/ml