

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 18:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:25:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.318	2.641	49978386	44011896	18.710	18.997
28)	SA Decachlor...	8.736	7.750	35579374	41579036	18.637	18.216
Target Compounds							
2)	A alpha-BHC	3.767	3.138	33719053	29539204	8.472	8.679
3)	MA gamma-BHC...	4.096	3.465	32729245	27840917	8.754	8.659
4)	MA Heptachlor	4.690	0.000	176121	0	0.048	N.D. #
5)	MB Aldrin	0.000	4.074	0	458247	N.D.	0.145 #
6)	B beta-BHC	4.299	3.766	17089937	13602616	10.020	9.970
7)	B delta-BHC	0.000	3.990	0	777007	N.D.	0.253 #
8)	B Heptachlo...	5.437	4.607f	1556485	24221	0.510	0.008 #
9)	A Endosulfan I	5.809	4.945	888641	126116	0.320	0.047 #
10)	B gamma-Chl...	5.702	4.833	1032791	597727	0.343	0.206 #
11)	B alpha-Chl...	5.780	4.899	696612	110934	0.233	0.038 #
12)	B 4,4'-DDE	5.948	5.077	488424	152904	0.192	0.067 #
13)	MA Dieldrin	0.000	5.203	0	68302	N.D.	0.025 #
14)	MA Endrin	6.319	5.480	103.2E6	102.8E6	42.559	42.030
15)	B Endosulfa...	6.531	5.796	1487853	353468	0.611	0.157 #
16)	A 4,4'-DDD	6.463	5.631	5946180	5413903	2.933	2.895
17)	MA 4,4'-DDT	6.774	5.880	195.3E6	203.6E6	85.353	96.367
18)	B Endrin al...	6.671	5.957	2364181	4289012	1.255	2.292 #
19)	B Endosulfa...	6.900	6.167f	154991	308380	0.065	0.131 #
20)	A Methoxychlor	7.255	6.458	263.3E6	256.9E6	215.726	211.971
21)	B Endrin ke...	7.385	6.683	5859381	5950152	2.447	2.344
22)	Mirex	7.857	6.853	33956	76676	0.017	0.033 #
23)	Chlordane-1	0.000	3.626	0	63376	N.D.	0.715 #
24)	Chlordane-2	0.000	4.224f	0	1328399	N.D.	11.846 #
25)	Chlordane-3	5.702	4.833	1032791	597727	2.392	2.104
26)	Chlordane-4	5.780	4.899	696612	110934	1.340	0.372 #
27)	Chlordane-5	0.000	5.796	0	353468	N.D.	3.581 #

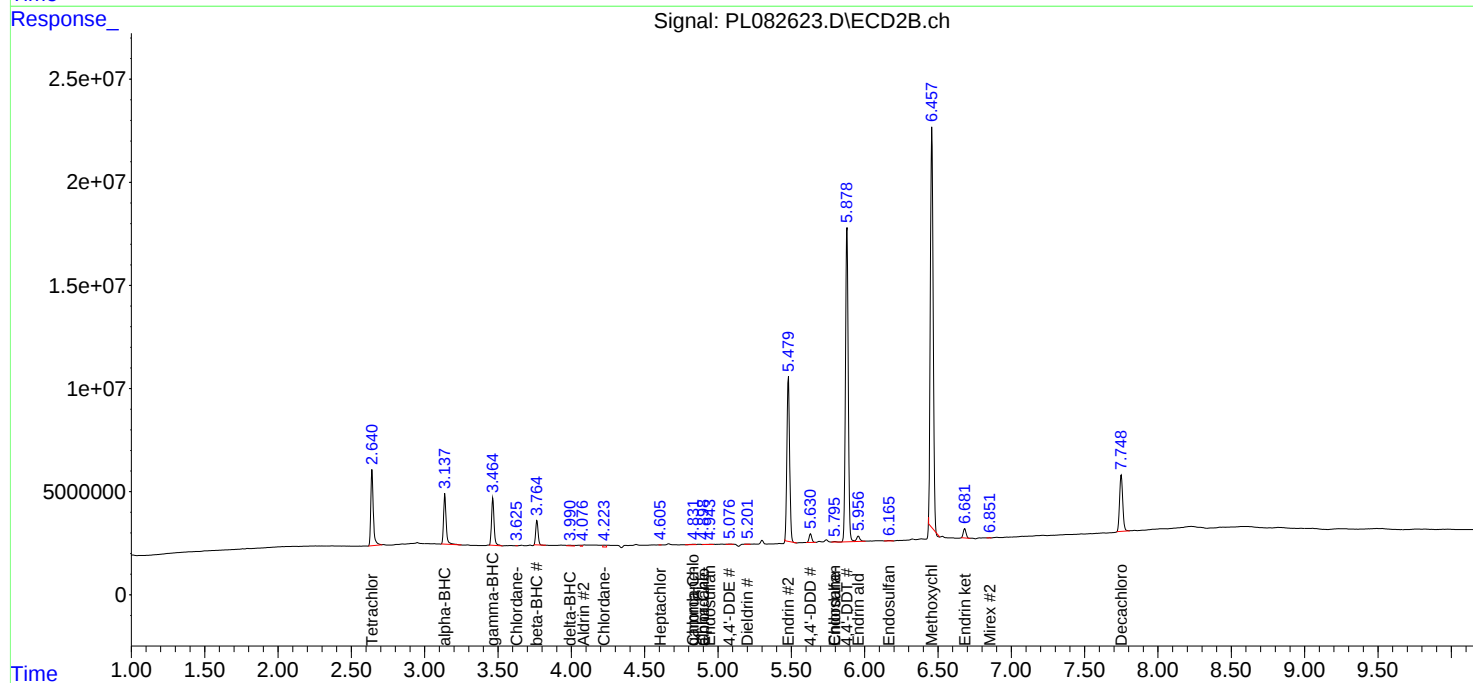
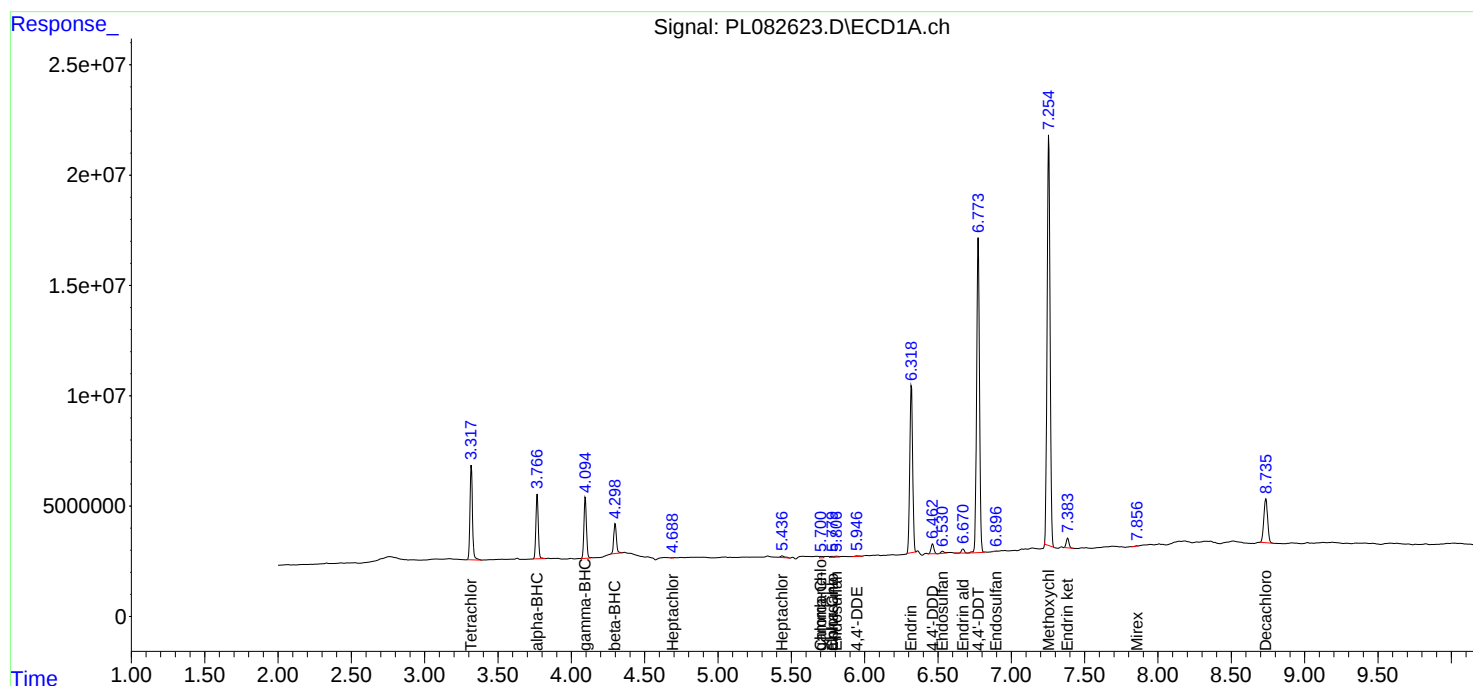
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

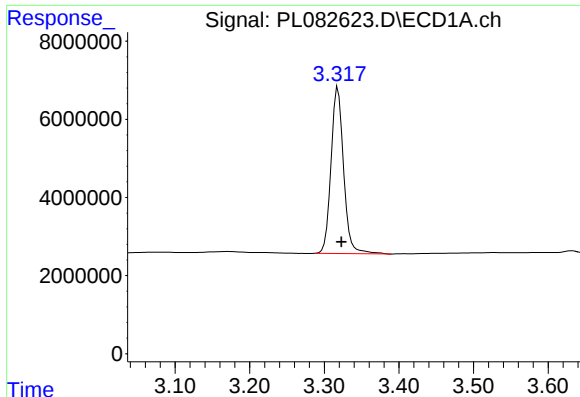
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 18:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:25:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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

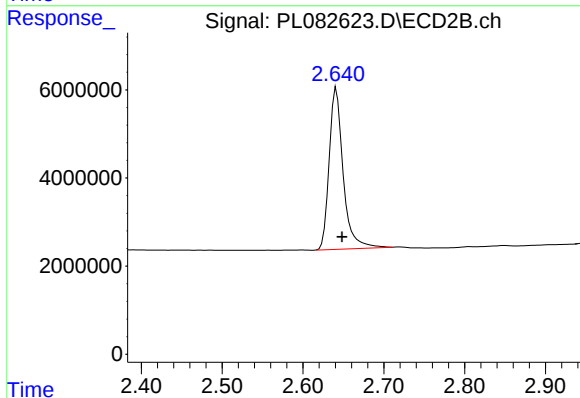




#1 Tetrachloro-m-xylene

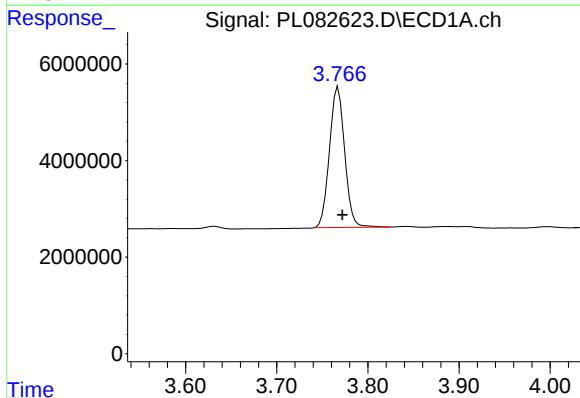
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 49978386
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



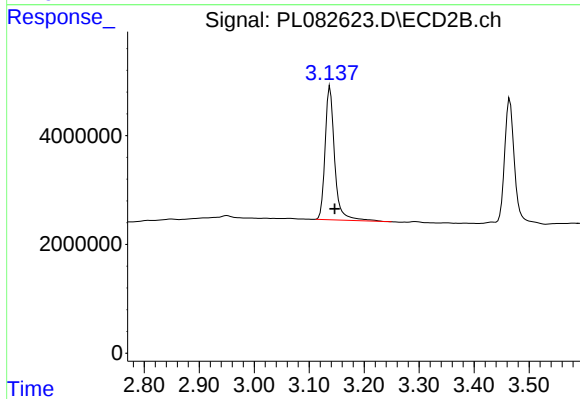
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 44011896
Conc: 19.00 ng/ml



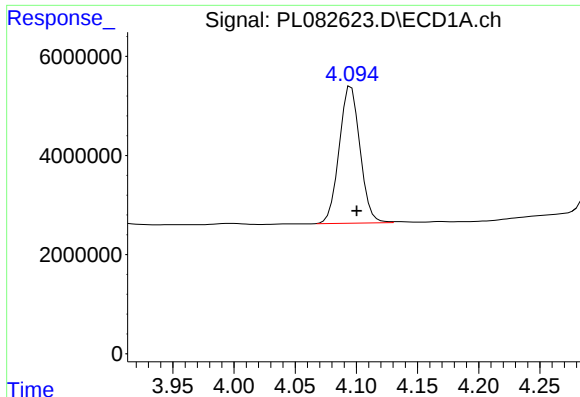
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 33719053
Conc: 8.47 ng/ml



#2 alpha-BHC

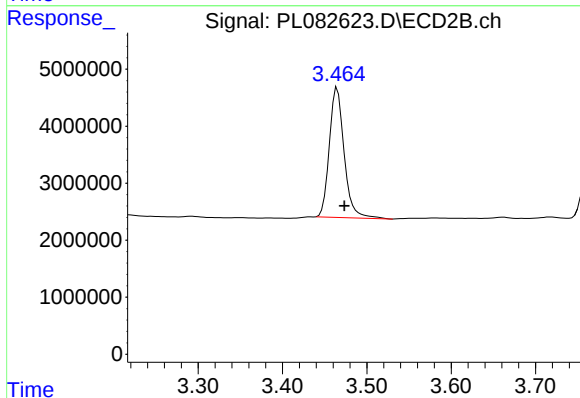
R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 29539204
Conc: 8.68 ng/ml



#3 gamma-BHC (Lindane)

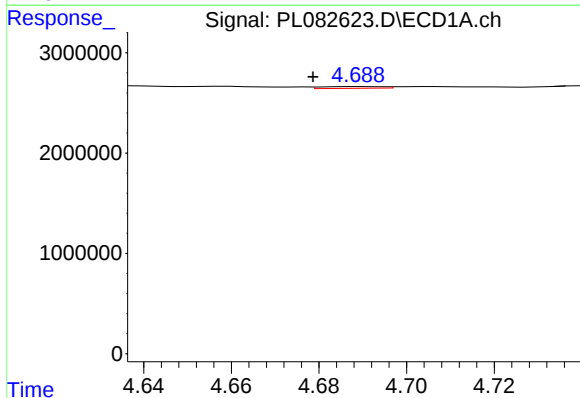
R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 32729245
Conc: 8.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



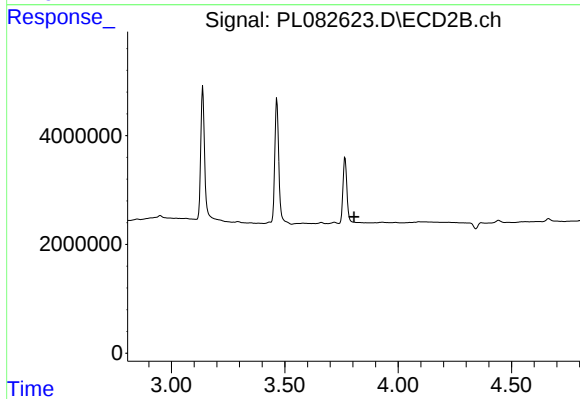
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 27840917
Conc: 8.66 ng/ml



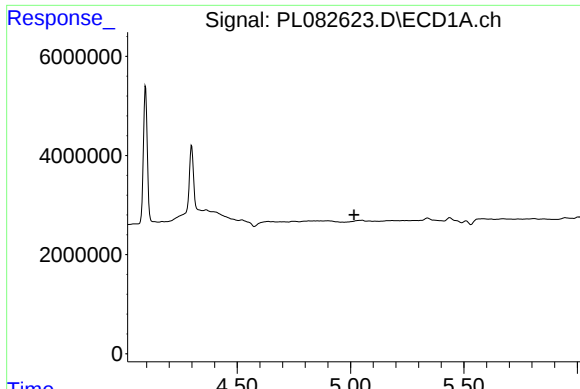
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: 0.011 min
Response: 176121
Conc: 0.05 ng/ml



#4 Heptachlor

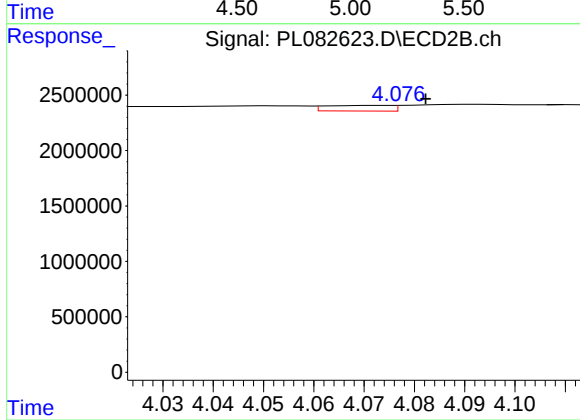
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#5 Aldrin

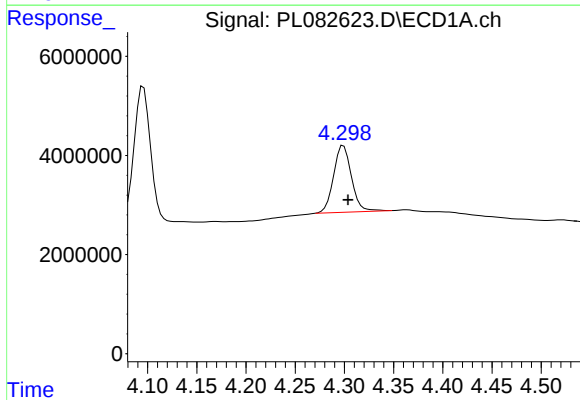
R.T.: 0.000 min
Exp R.T.: 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



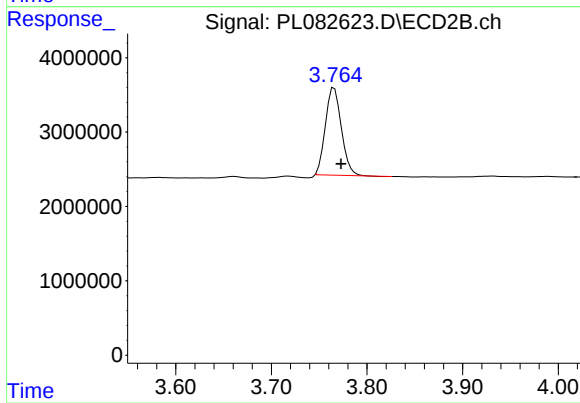
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 458247
Conc: 0.15 ng/ml



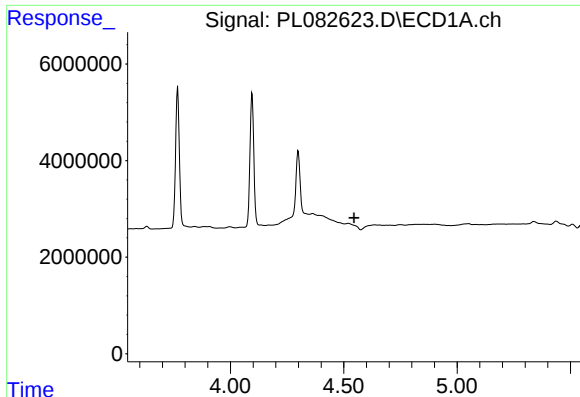
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 17089937
Conc: 10.02 ng/ml



#6 beta-BHC

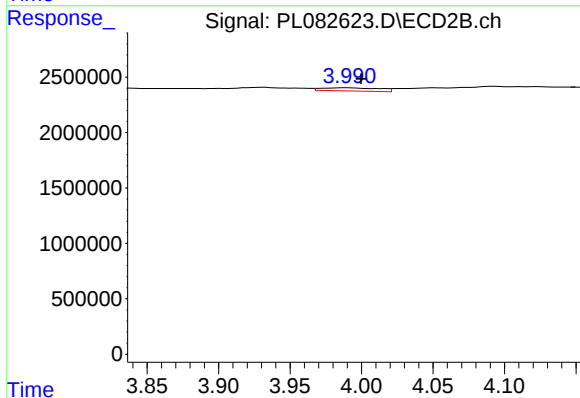
R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 13602616
Conc: 9.97 ng/ml



#7 delta-BHC

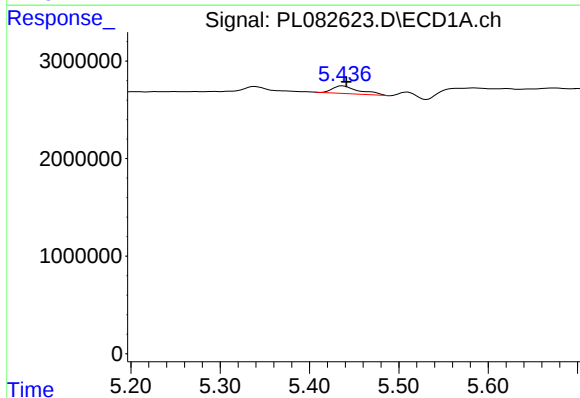
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



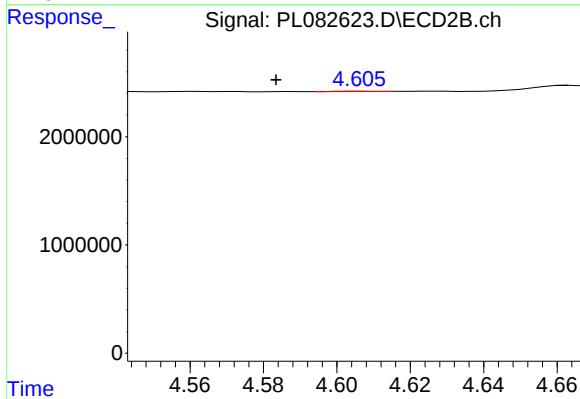
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 777007
Conc: 0.25 ng/ml



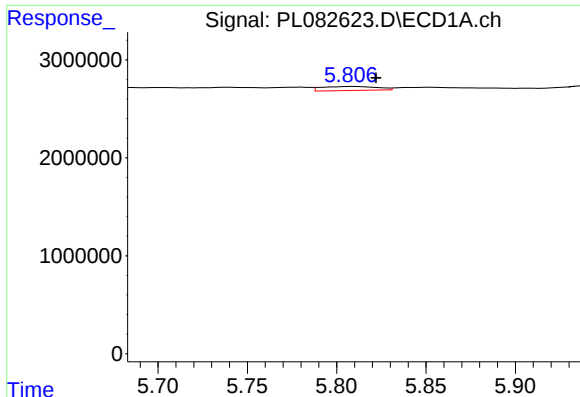
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 1556485
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

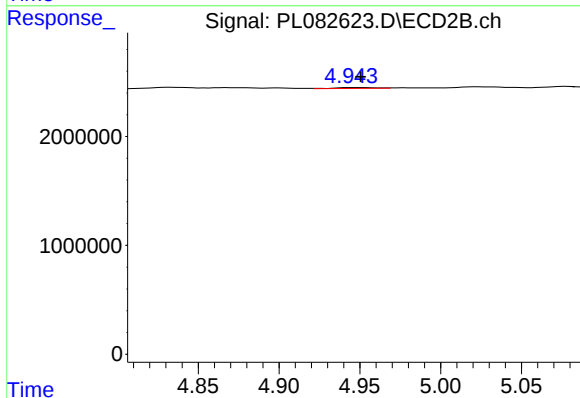
R.T.: 4.607 min
Delta R.T.: 0.023 min
Response: 24221
Conc: 0.01 ng/ml



#9 Endosulfan I

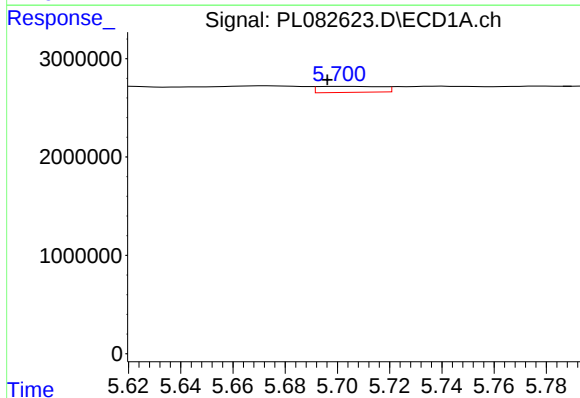
R.T.: 5.809 min
Delta R.T.: -0.013 min
Response: 888641
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



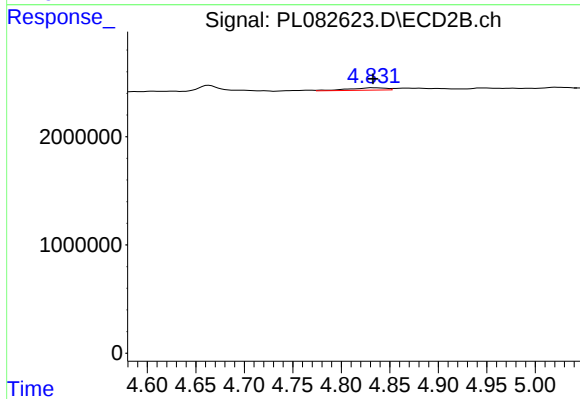
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 126116
Conc: 0.05 ng/ml



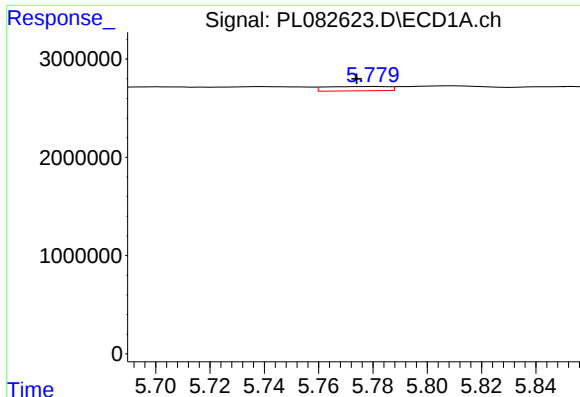
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: 0.006 min
Response: 1032791
Conc: 0.34 ng/ml



#10 gamma-Chlordane

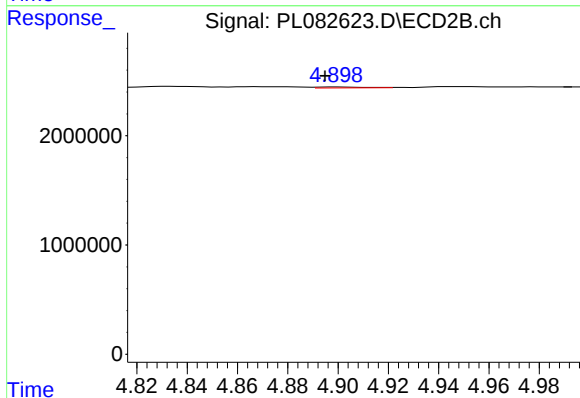
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 597727
Conc: 0.21 ng/ml



#11 alpha-Chlordane

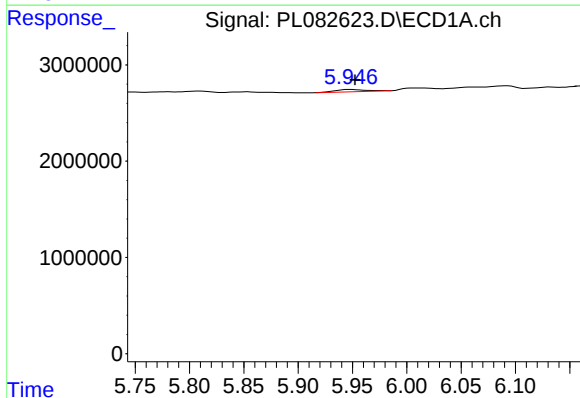
R.T.: 5.780 min
Delta R.T.: 0.006 min
Response: 696612
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



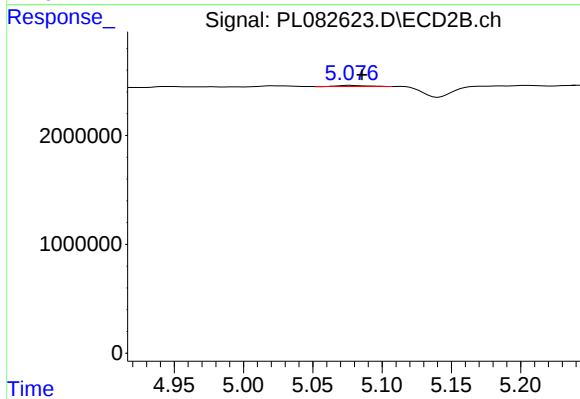
#11 alpha-Chlordane

R.T.: 4.899 min
Delta R.T.: 0.004 min
Response: 110934
Conc: 0.04 ng/ml



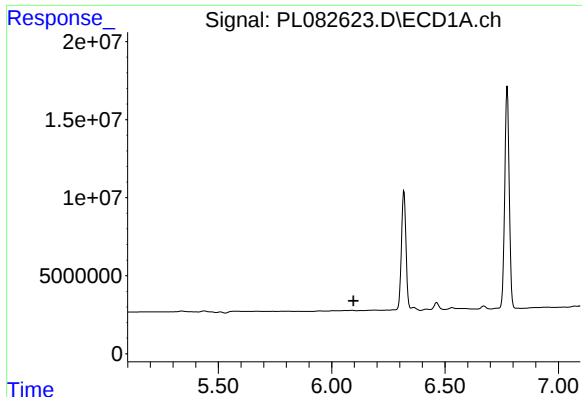
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 488424
Conc: 0.19 ng/ml



#12 4,4'-DDE

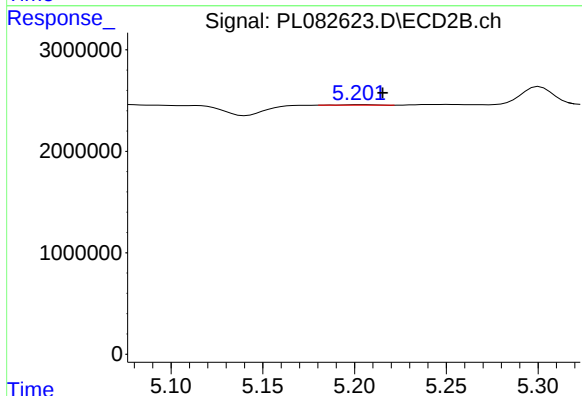
R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 152904
Conc: 0.07 ng/ml



#13 Dieldrin

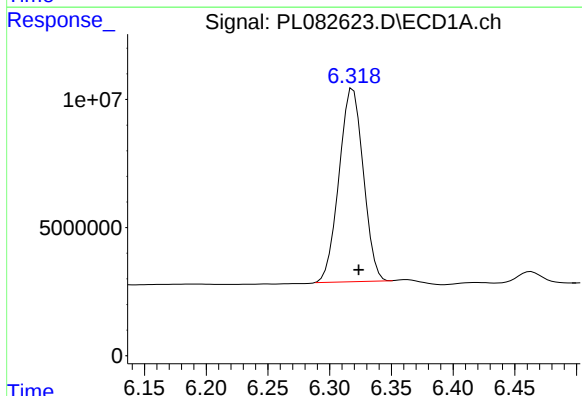
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



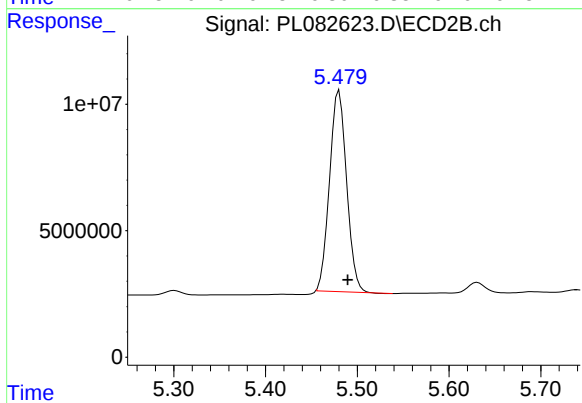
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 68302
Conc: 0.03 ng/ml



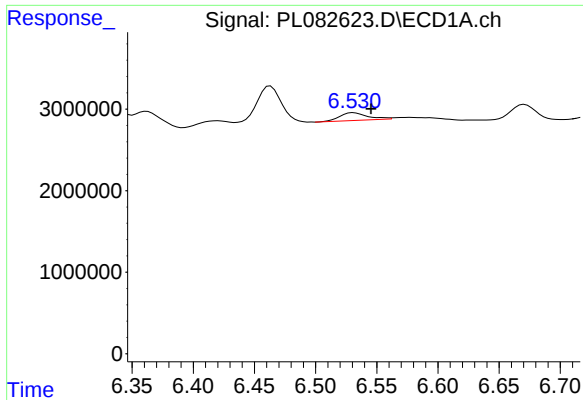
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 103186640
Conc: 42.56 ng/ml



#14 Endrin

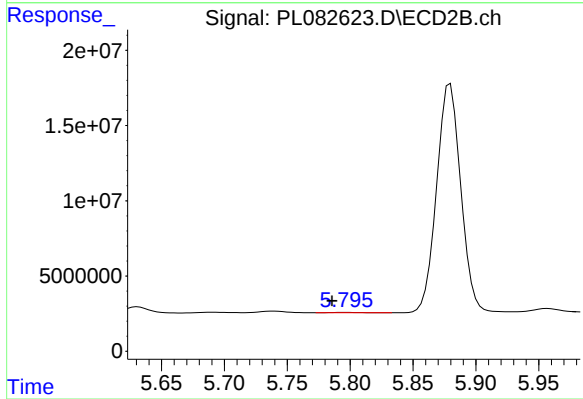
R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 102803984
Conc: 42.03 ng/ml



#15 Endosulfan II

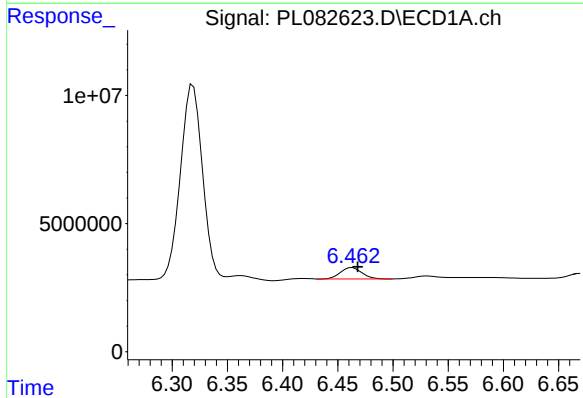
R.T.: 6.531 min
Delta R.T.: -0.014 min
Response: 1487853
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



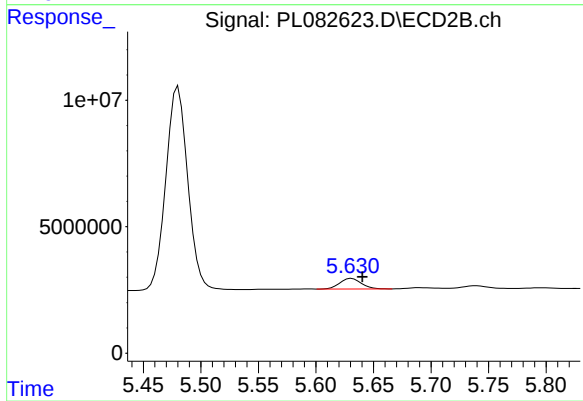
#15 Endosulfan II

R.T.: 5.796 min
Delta R.T.: 0.010 min
Response: 353468
Conc: 0.16 ng/ml



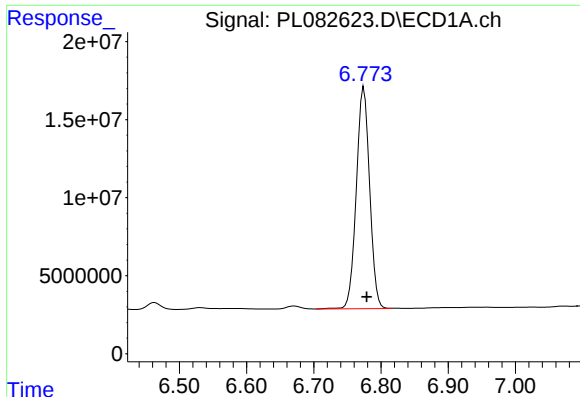
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 5946180
Conc: 2.93 ng/ml



#16 4,4'-DDD

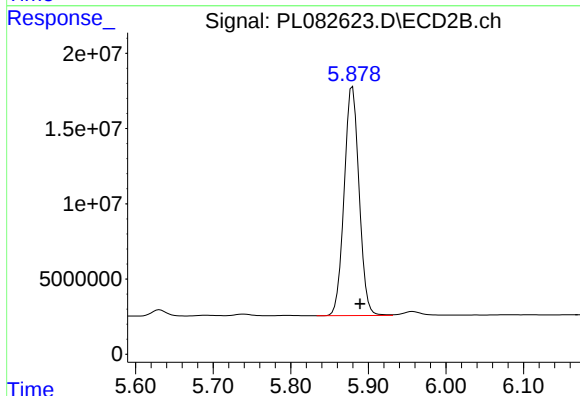
R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 5413903
Conc: 2.89 ng/ml



#17 4,4'-DDT

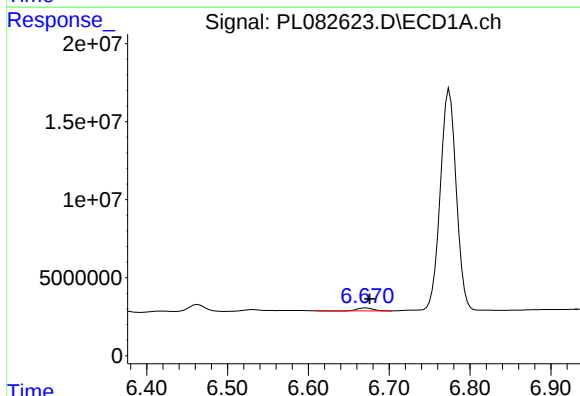
R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 195263445
Conc: 85.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



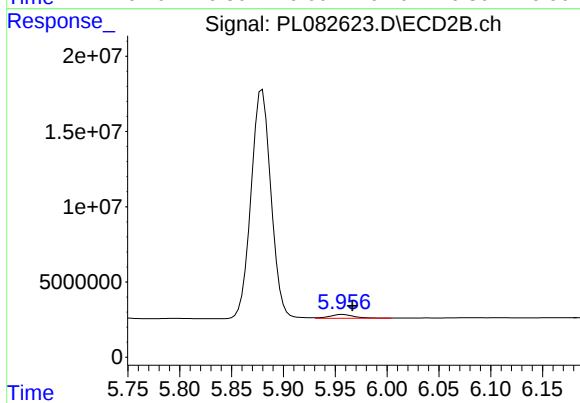
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 203584615
Conc: 96.37 ng/ml



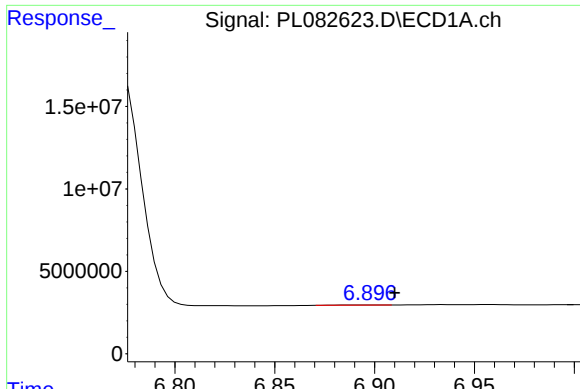
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 2364181
Conc: 1.25 ng/ml



#18 Endrin aldehyde

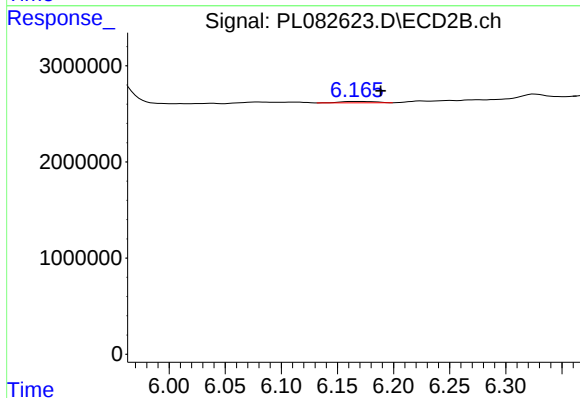
R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 4289012
Conc: 2.29 ng/ml



#19 Endosulfan Sulfate

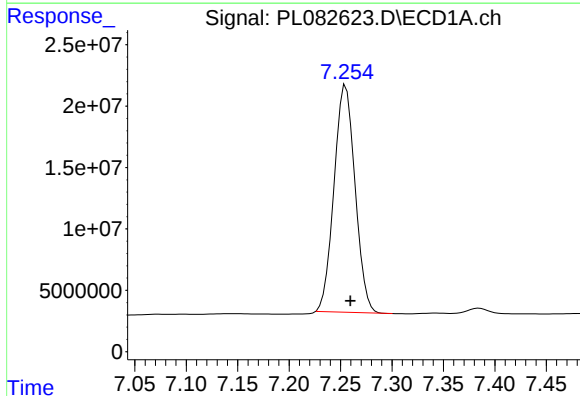
R.T.: 6.900 min
Delta R.T.: -0.010 min
Response: 154991
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



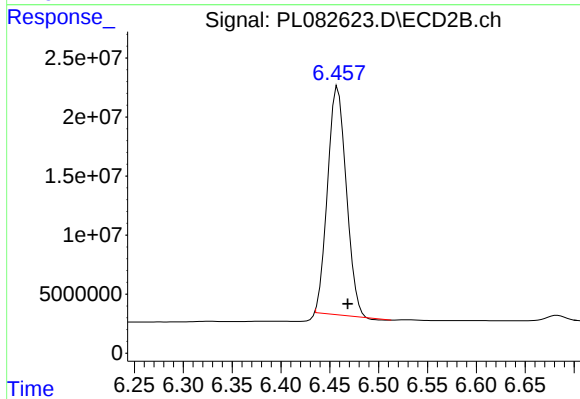
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.022 min
Response: 308380
Conc: 0.13 ng/ml



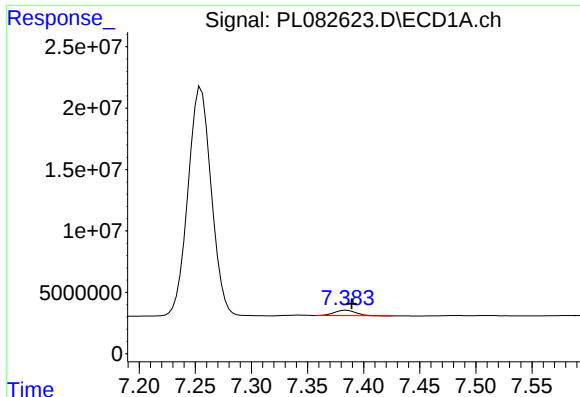
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 263256758
Conc: 215.73 ng/ml



#20 Methoxychlor

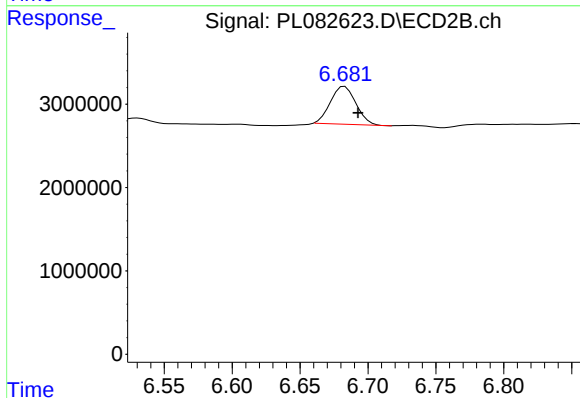
R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 256873377
Conc: 211.97 ng/ml



#21 Endrin ketone

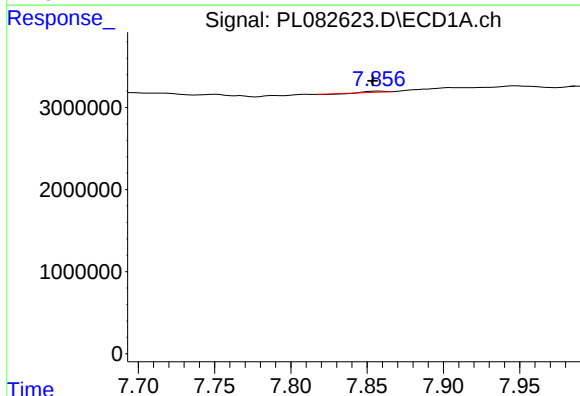
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 5859381
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



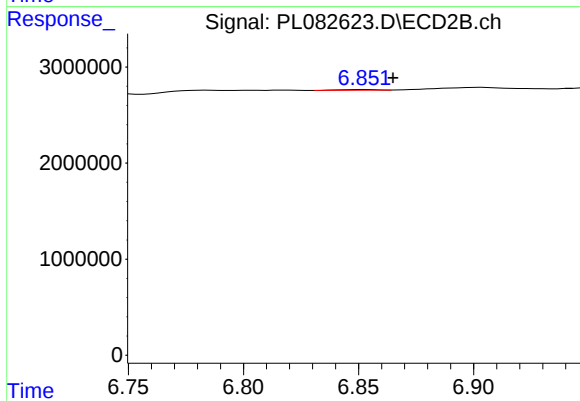
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 5950152
Conc: 2.34 ng/ml



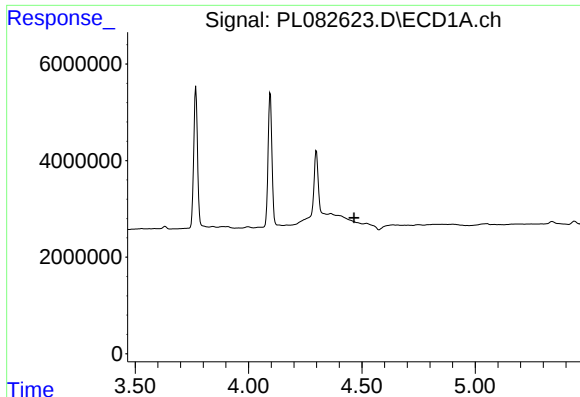
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.004 min
Response: 33956
Conc: 0.02 ng/ml



#22 Mirex

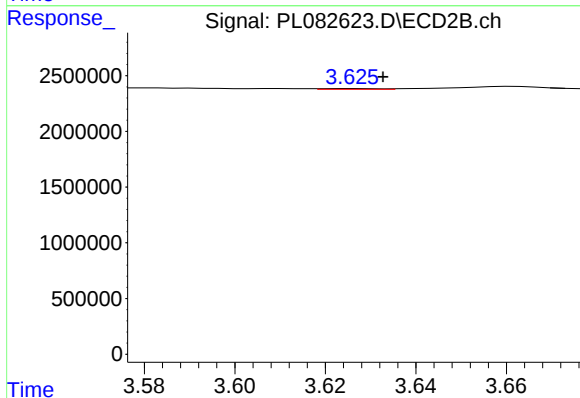
R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 76676
Conc: 0.03 ng/ml



#23 Chlordane-1

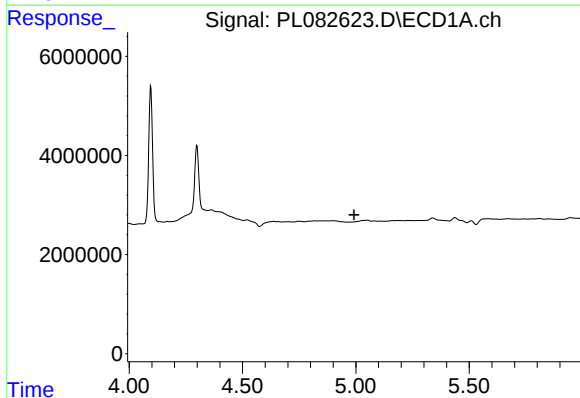
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



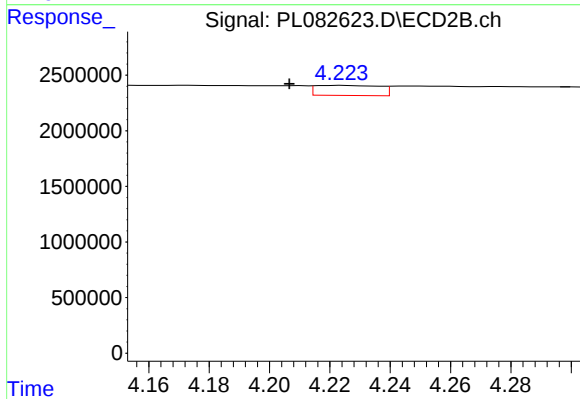
#23 Chlordane-1

R.T.: 3.626 min
Delta R.T.: -0.006 min
Response: 63376
Conc: 0.71 ng/ml



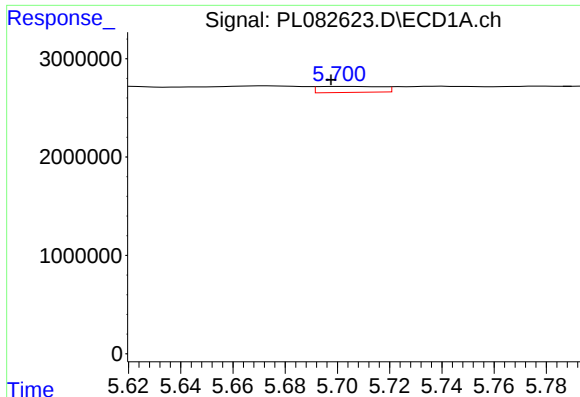
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.992 min
Response: 0
Conc: N.D.



#24 Chlordane-2

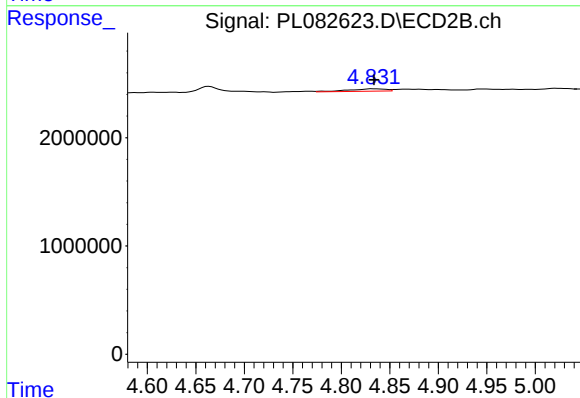
R.T.: 4.224 min
Delta R.T.: 0.018 min
Response: 1328399
Conc: 11.85 ng/ml



#25 Chlordane-3

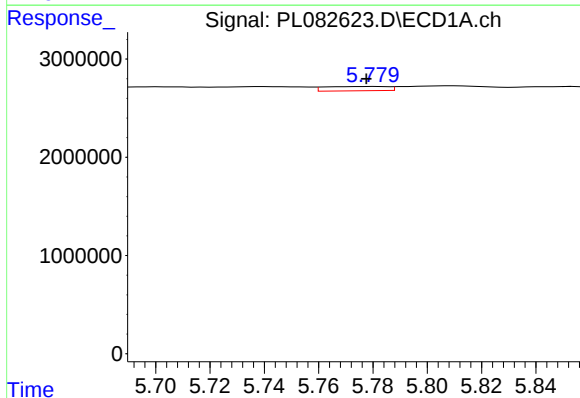
R.T.: 5.702 min
Delta R.T.: 0.004 min
Response: 1032791
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



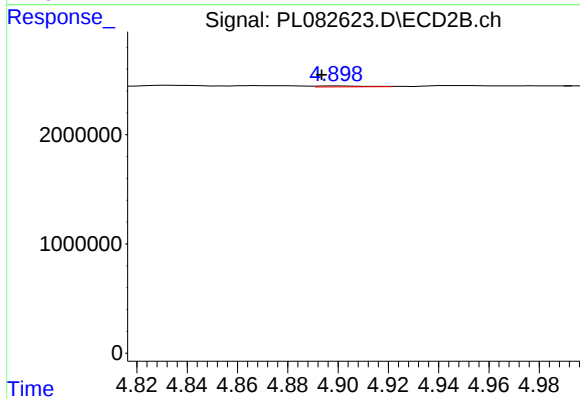
#25 Chlordane-3

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 597727
Conc: 2.10 ng/ml



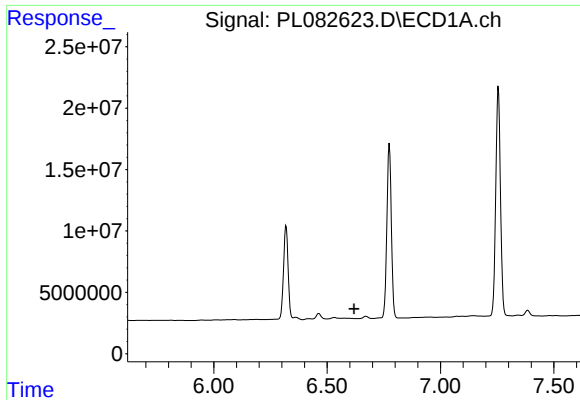
#26 Chlordane-4

R.T.: 5.780 min
Delta R.T.: 0.002 min
Response: 696612
Conc: 1.34 ng/ml



#26 Chlordane-4

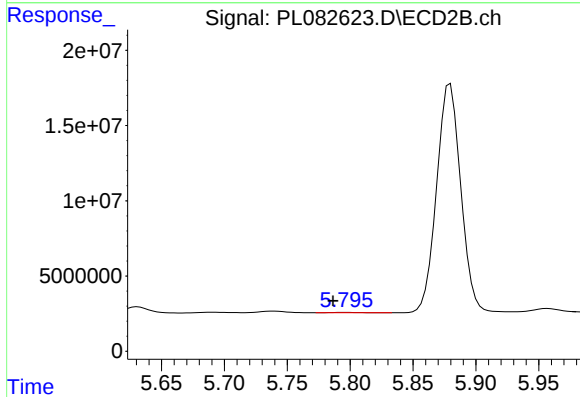
R.T.: 4.899 min
Delta R.T.: 0.006 min
Response: 110934
Conc: 0.37 ng/ml



#27 Chlordane-5

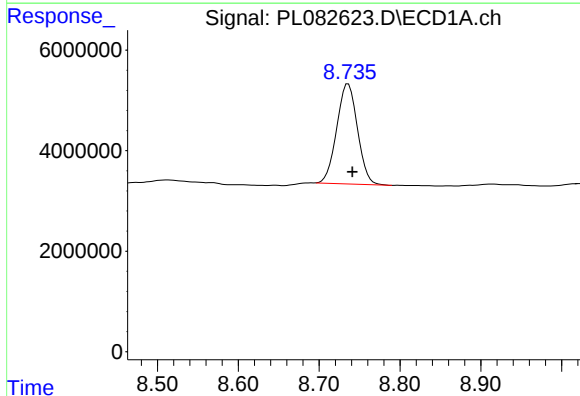
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



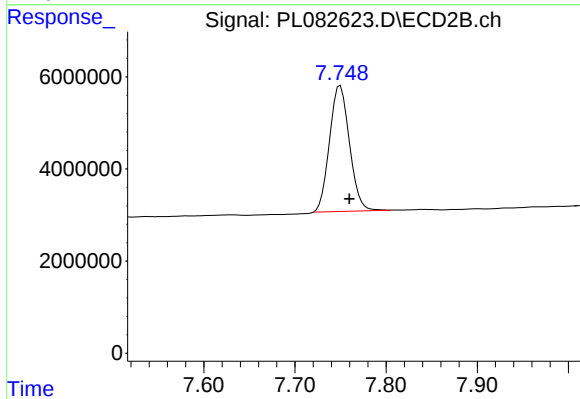
#27 Chlordane-5

R.T.: 5.796 min
Delta R.T.: 0.010 min
Response: 353468
Conc: 3.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 35579374
Conc: 18.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 41579036
Conc: 18.22 ng/ml