

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022423\  
 Data File : PL081124.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2023 15:09  
 Operator : AR\AJ  
 Sample : 01671-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 00:25:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 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... | 3.351  | 2.687  | 59759901 | 44253813 | 25.637 | 19.231   |
| 2)                          | SA Decachlor... | 8.787  | 7.830  | 36372849 | 42001185 | 18.604 | 17.929   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.174  | 0        | 93793    | N.D.   | 0.028 #  |
| 3)                          | MA gamma-BHC... | 4.101f | 3.538f | 190471   | 646085   | 0.058  | 0.206 #  |
| 4)                          | MA Heptachlor   | 4.712  | 3.853  | -4897    | 22802    | N.D.   | 0.007    |
| 5)                          | MB Aldrin       | 0.000  | 4.147  | 0        | 126113   | N.D.   | 0.041 #  |
| 7)                          | B delta-BHC     | 4.568  | 4.040  | 2642651  | 45511    | 0.823  | 0.015 #  |
| 8)                          | B Heptachlo...  | 5.502f | 4.636  | 701093   | 18986    | 0.252  | 0.007 #  |
| 9)                          | A Endosulfan I  | 5.862  | 5.031f | 412471   | 672561   | 0.159  | 0.252 #  |
| 10)                         | B gamma-Chl...  | 5.710f | 4.912f | 1774738  | 672583   | 0.635  | 0.231 #  |
| 11)                         | B alpha-Chl...  | 5.811  | 4.946  | 1212453  | 1012291  | 0.437  | 0.347    |
| 12)                         | B 4,4'-DDE      | 5.986  | 5.143  | 14727450 | 13708826 | 5.950  | 5.743    |
| 13)                         | MA Dieldrin     | 6.130  | 5.272  | 819465   | 1696252  | 0.309  | 0.616 #  |
| 14)                         | MA Endrin       | 0.000  | 5.558  | 0        | 2129005  | N.D.   | 0.861 #  |
| 15)                         | B Endosulfa...  | 6.567  | 5.841  | 2297925  | -1062820 | 1.035  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.501  | 5.699  | 2591826  | 1237158  | 1.281  | 0.650 #  |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.948  | 9824655  | 8226116  | 4.348  | 3.794    |
| 18)                         | B Endrin al...  | 0.000  | 6.017  | 0        | 683726   | N.D.   | 0.371 #  |
| 19)                         | B Endosulfa...  | 6.944  | 6.238  | -101430  | 577661   | N.D.   | 0.244    |
| 20)                         | A Methoxychlor  | 0.000  | 6.549f | 0        | 502248   | N.D.   | 0.418 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.745  | 0        | 135270   | N.D.   | 0.052 #  |
| 22)                         | Mirex           | 0.000  | 6.935  | 0        | 1185789  | N.D.   | 0.510 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.690  | 0        | 5409     | N.D.   | 0.066 #  |
| 24)                         | Chlordane-2     | 5.005f | 0.000  | 321954   | 0        | 3.166  | N.D. #   |
| 25)                         | Chlordane-3     | 5.710f | 4.912f | 1774738  | 672583   | 4.670  | 2.560 #  |
| 26)                         | Chlordane-4     | 5.811  | 4.946  | 1212453  | 1012291  | 2.617  | 3.773 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.646f | 0        | 829686   | N.D.   | 10.775 # |
| -----                       |                 |        |        |          |          |        |          |

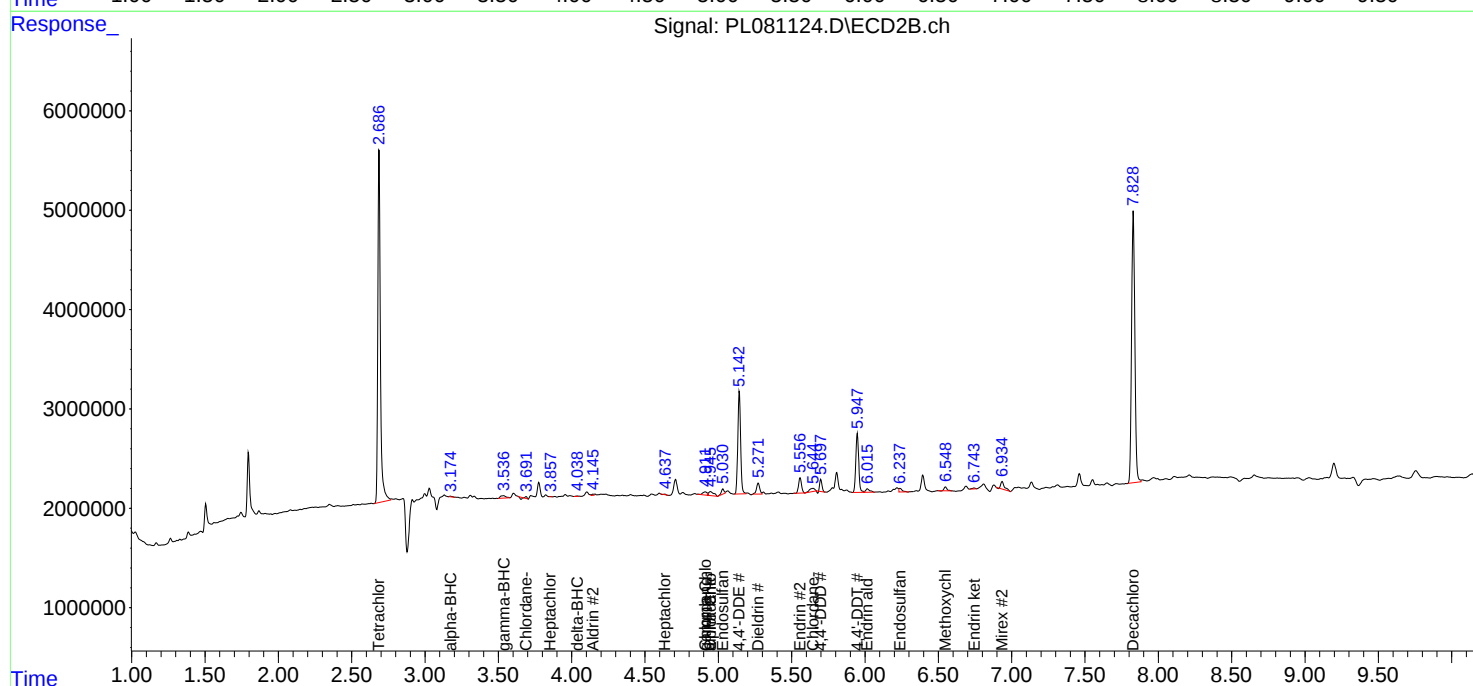
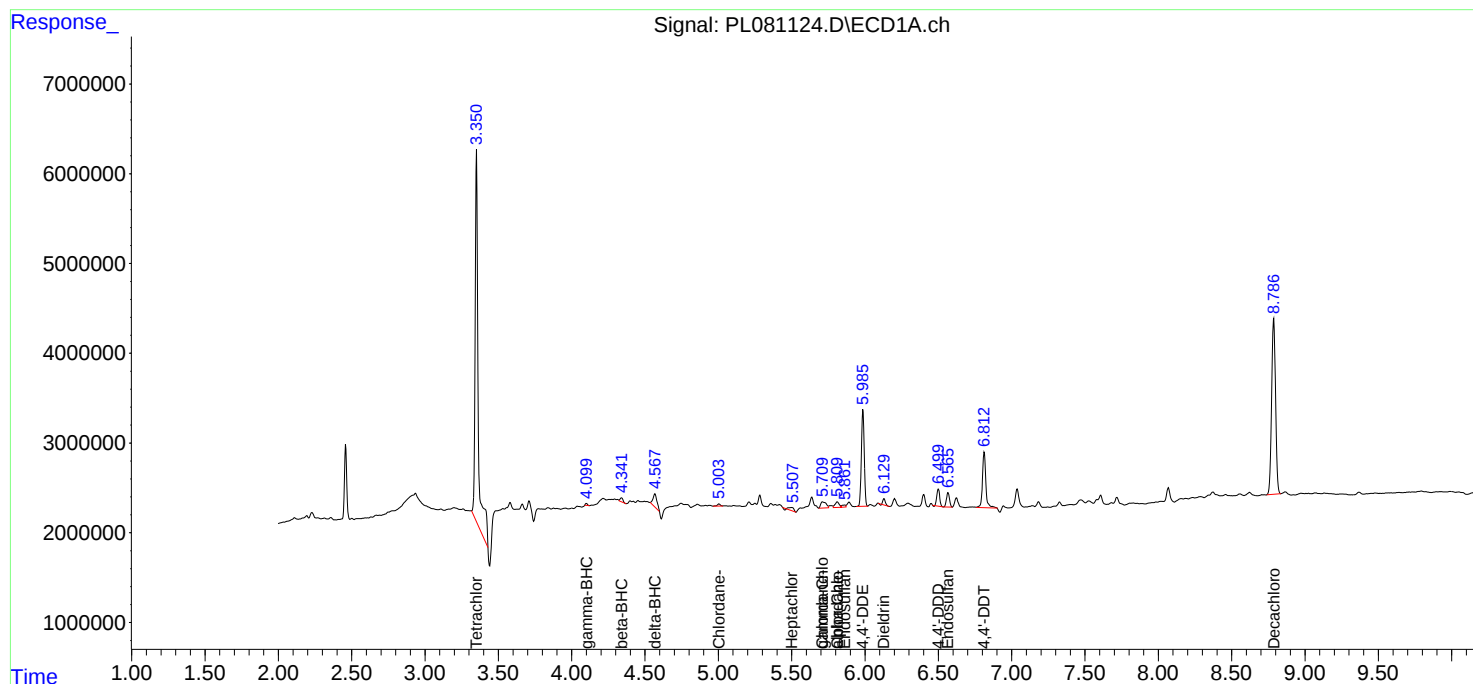
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

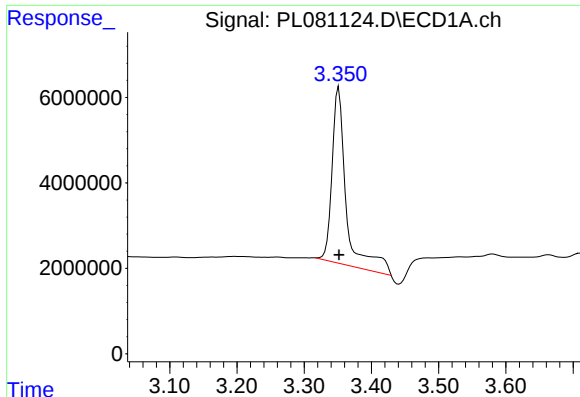
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022423\  
Data File : PL081124.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2023 15:09  
Operator : AR\AJ  
Sample : 01671-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 00:25:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 20 18:06:39 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

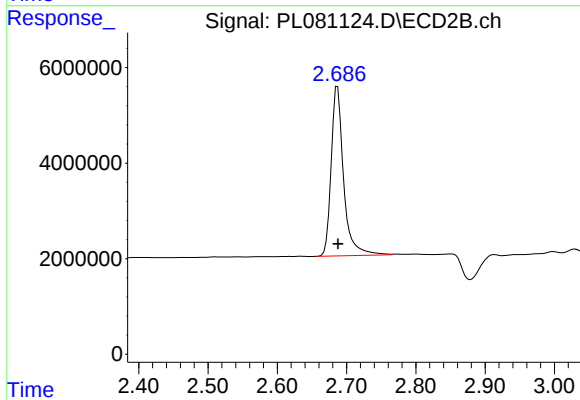




#1 Tetrachloro-m-xylene

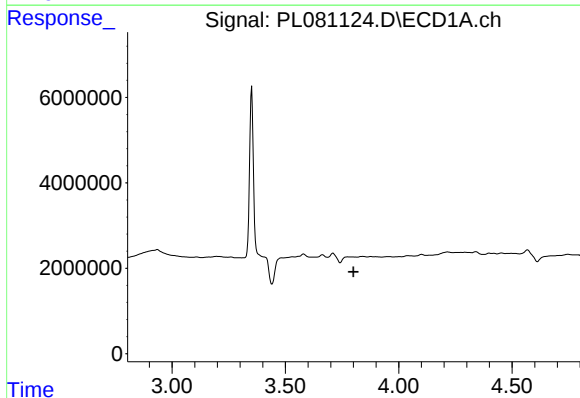
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 59759901  
Conc: 25.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



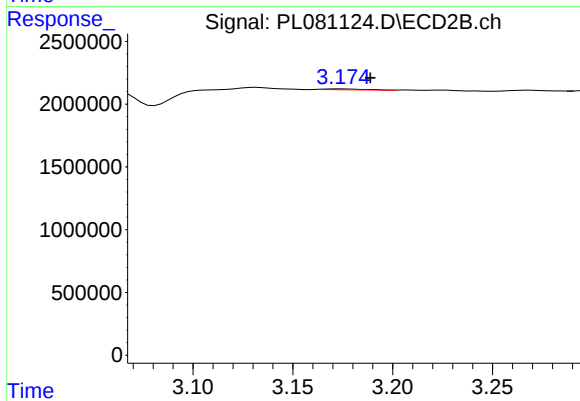
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 44253813  
Conc: 19.23 ng/ml



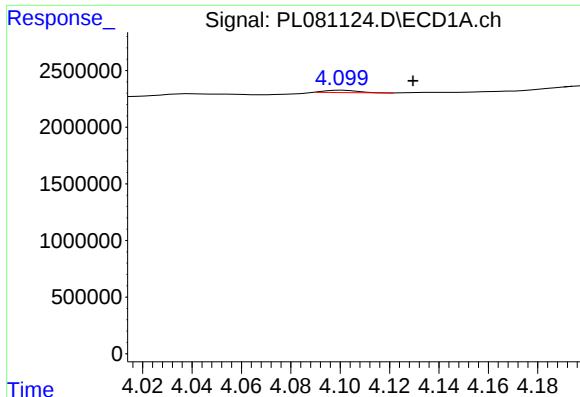
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

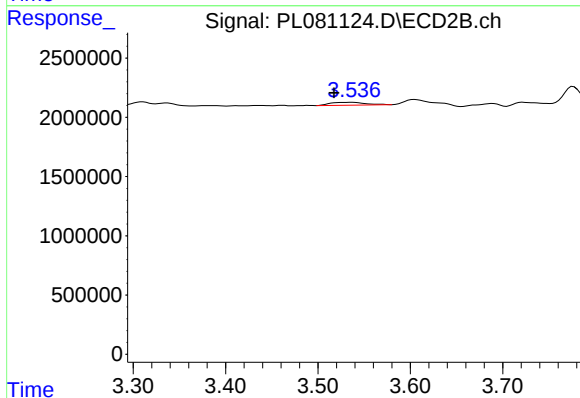
R.T.: 3.174 min  
Delta R.T.: -0.015 min  
Response: 93793  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

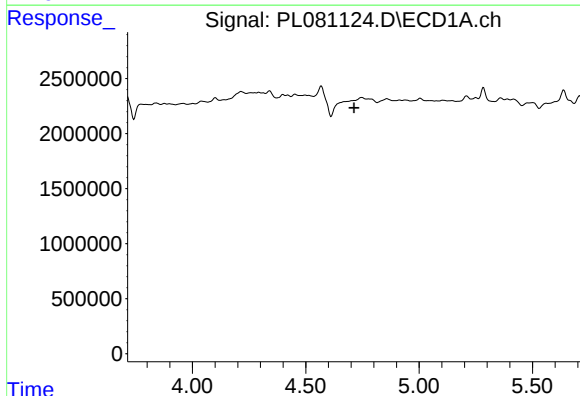
R.T.: 4.101 min  
Delta R.T.: -0.029 min  
Response: 190471  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



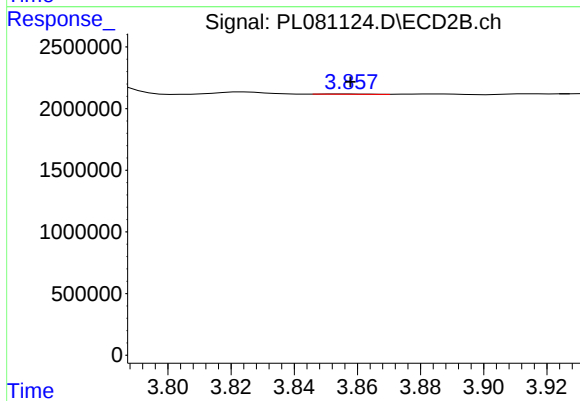
#3 gamma-BHC (Lindane)

R.T.: 3.538 min  
Delta R.T.: 0.020 min  
Response: 646085  
Conc: 0.21 ng/ml



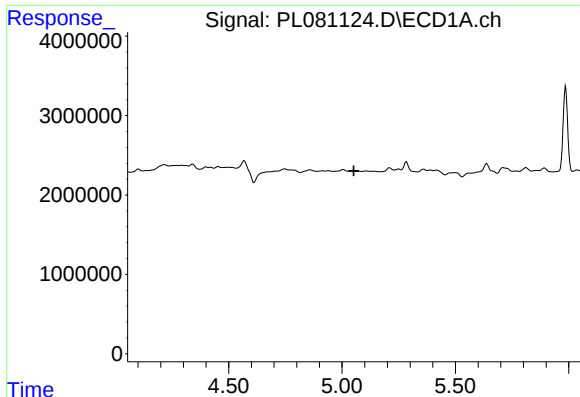
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.002 min  
Response: -4897  
Conc: N.D.



#4 Heptachlor

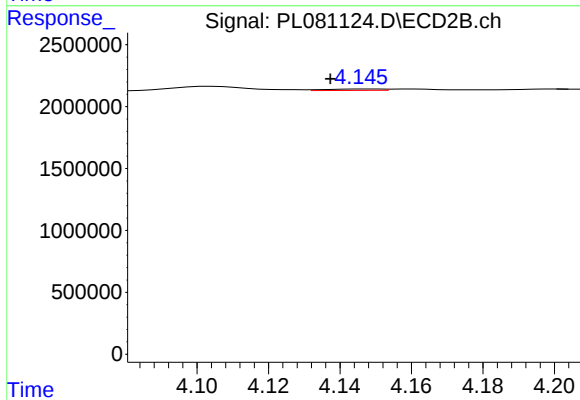
R.T.: 3.853 min  
Delta R.T.: -0.004 min  
Response: 22802  
Conc: 0.01 ng/ml



#5 Aldrin

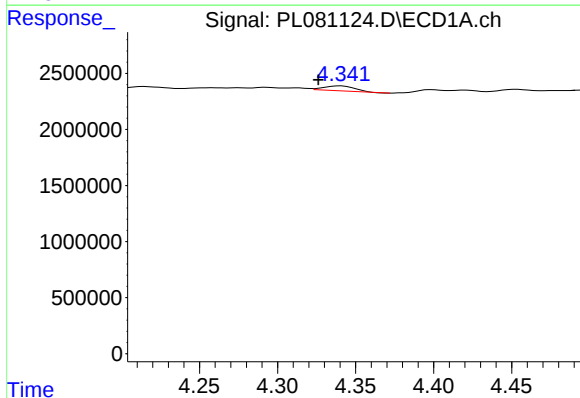
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



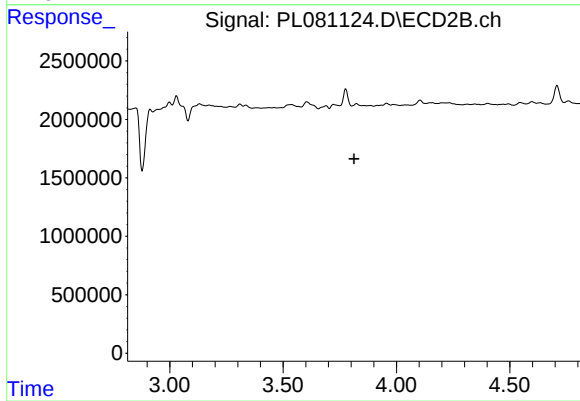
#5 Aldrin

R.T.: 4.147 min  
Delta R.T.: 0.009 min  
Response: 126113  
Conc: 0.04 ng/ml



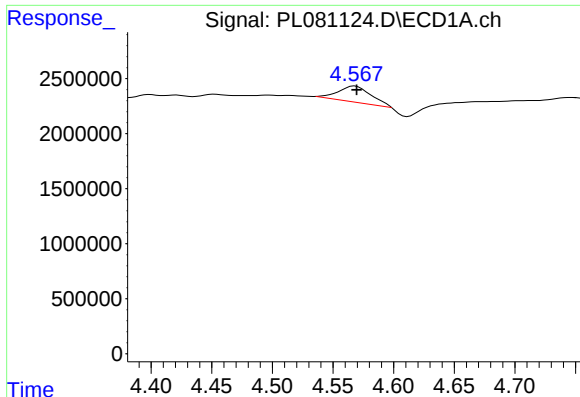
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.014 min  
Response: 614275  
Conc: 0.41 ng/ml



#6 beta-BHC

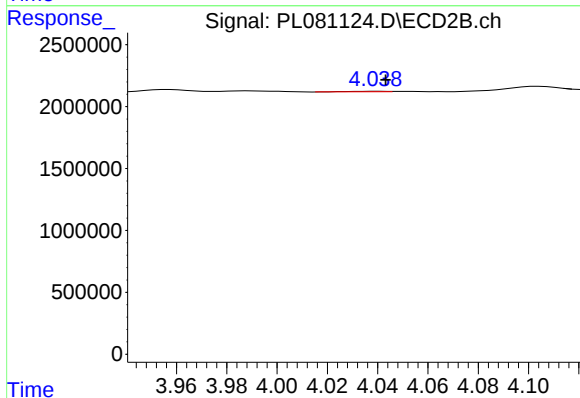
R.T.: 3.824 min  
Delta R.T.: 0.011 min  
Response: -560880  
Conc: N.D.



#7 delta-BHC

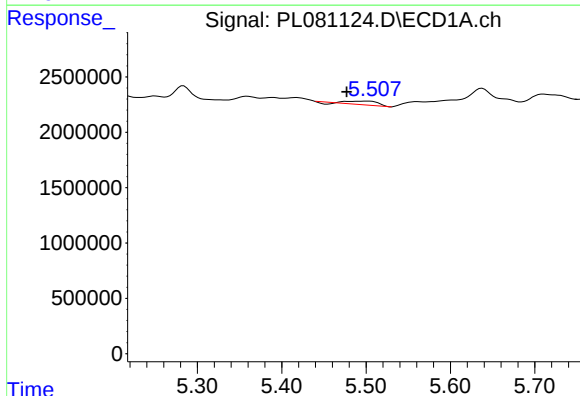
R.T.: 4.568 min  
Delta R.T.: -0.001 min  
Response: 2642651  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



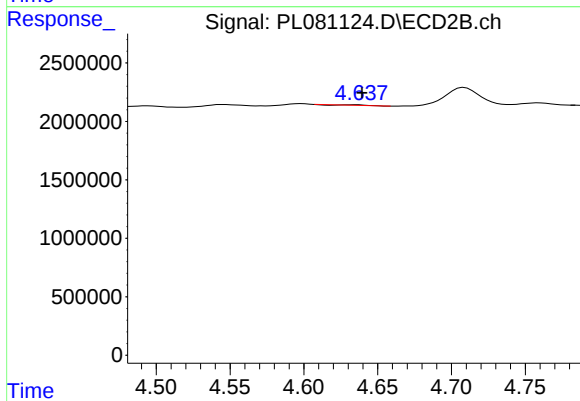
#7 delta-BHC

R.T.: 4.040 min  
Delta R.T.: -0.004 min  
Response: 45511  
Conc: 0.02 ng/ml



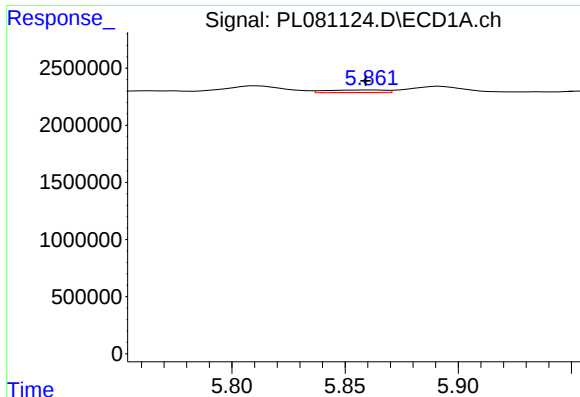
#8 Heptachlor epoxide

R.T.: 5.502 min  
Delta R.T.: 0.025 min  
Response: 701093  
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

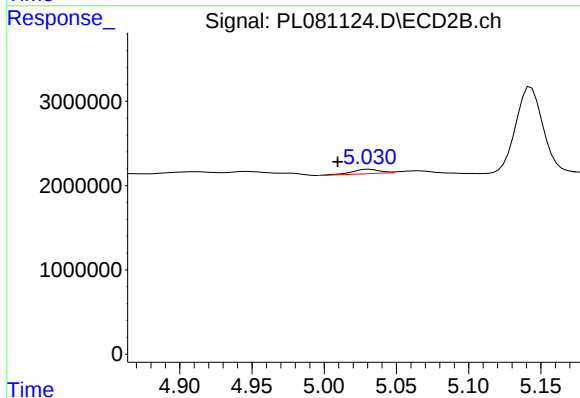
R.T.: 4.636 min  
Delta R.T.: -0.004 min  
Response: 18986  
Conc: 0.01 ng/ml



#9 Endosulfan I

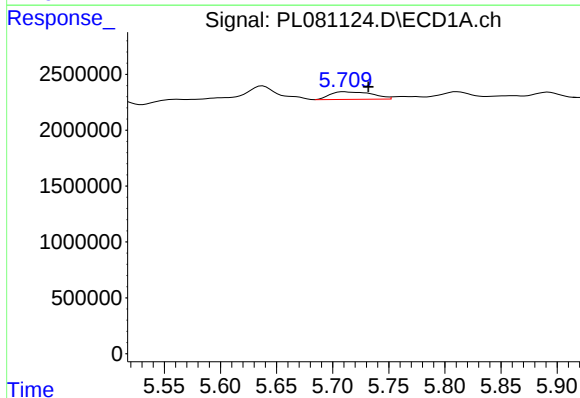
R.T.: 5.862 min  
Delta R.T.: 0.003 min  
Response: 412471  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



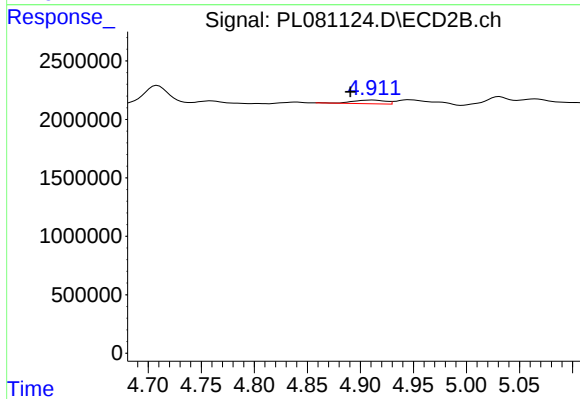
#9 Endosulfan I

R.T.: 5.031 min  
Delta R.T.: 0.022 min  
Response: 672561  
Conc: 0.25 ng/ml



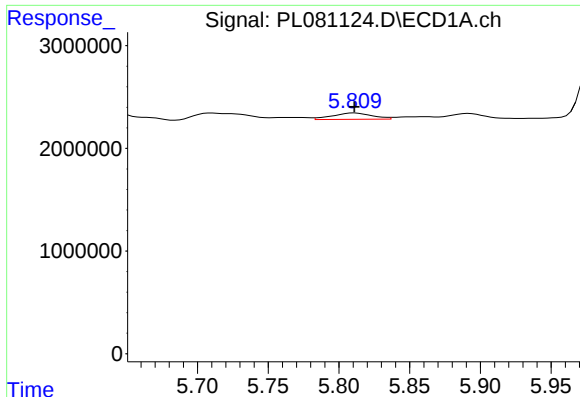
#10 gamma-Chlordane

R.T.: 5.710 min  
Delta R.T.: -0.021 min  
Response: 1774738  
Conc: 0.64 ng/ml



#10 gamma-Chlordane

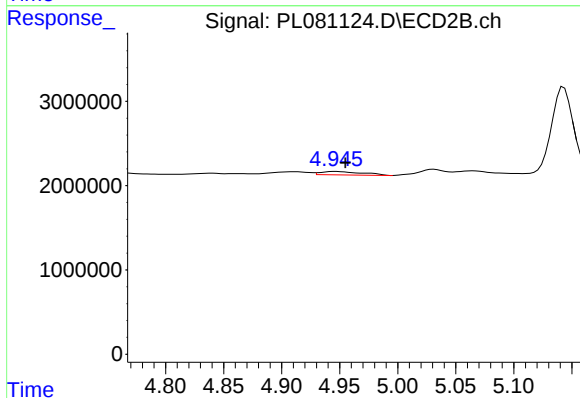
R.T.: 4.912 min  
Delta R.T.: 0.021 min  
Response: 672583  
Conc: 0.23 ng/ml



#11 alpha-Chlordane

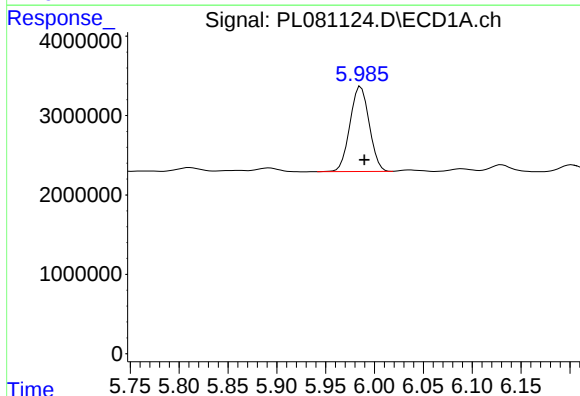
R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 1212453  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



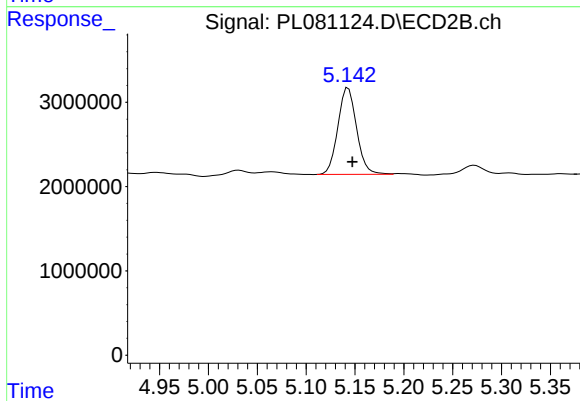
#11 alpha-Chlordane

R.T.: 4.946 min  
Delta R.T.: -0.008 min  
Response: 1012291  
Conc: 0.35 ng/ml



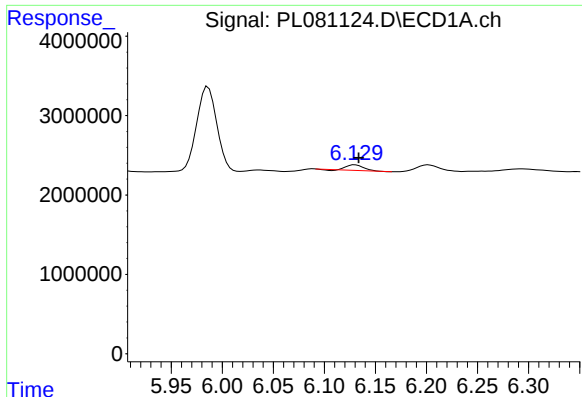
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 14727450  
Conc: 5.95 ng/ml



#12 4,4'-DDE

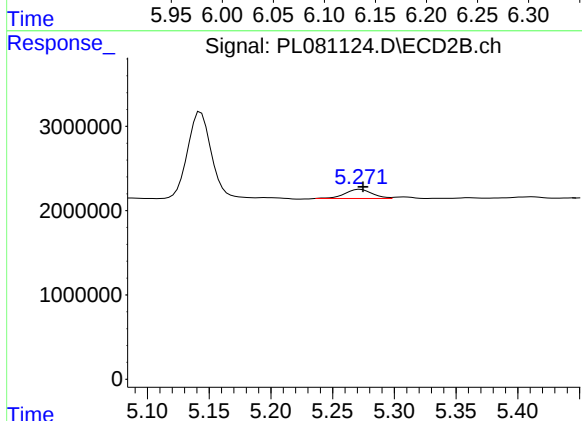
R.T.: 5.143 min  
Delta R.T.: -0.004 min  
Response: 13708826  
Conc: 5.74 ng/ml



#13 Dieldrin

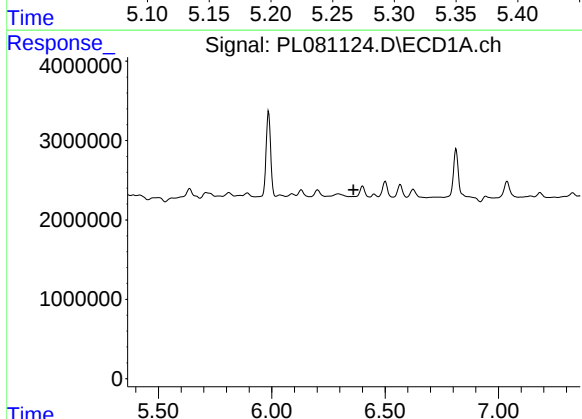
R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 819465  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



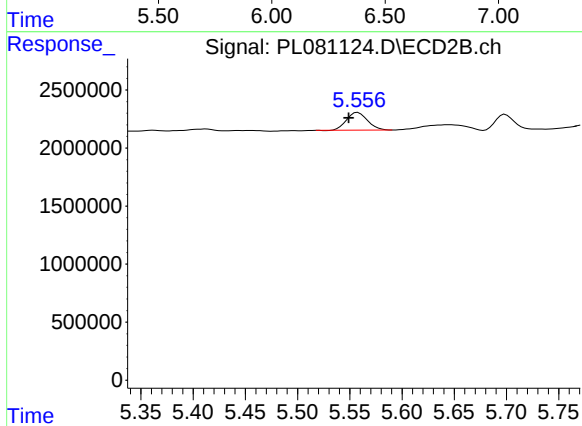
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 1696252  
Conc: 0.62 ng/ml



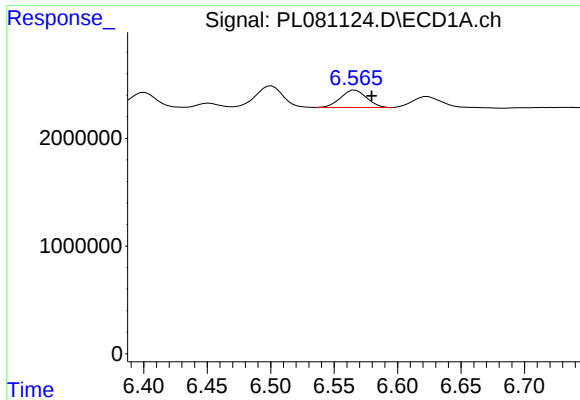
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.361 min  
Response: 0  
Conc: N.D.



#14 Endrin

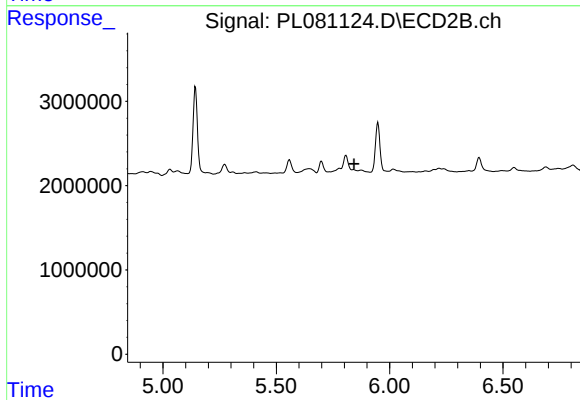
R.T.: 5.558 min  
Delta R.T.: 0.009 min  
Response: 2129005  
Conc: 0.86 ng/ml



#15 Endosulfan II

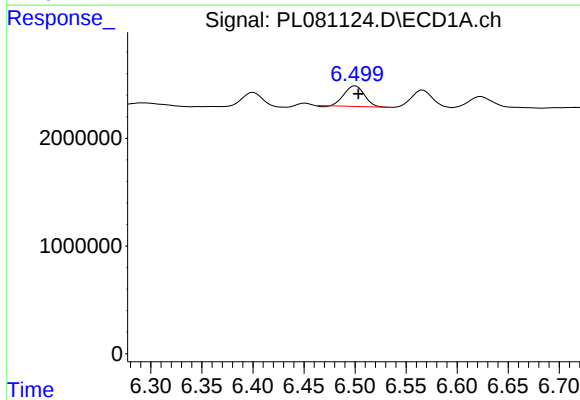
R.T.: 6.567 min  
Delta R.T.: -0.013 min  
Response: 2297925  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



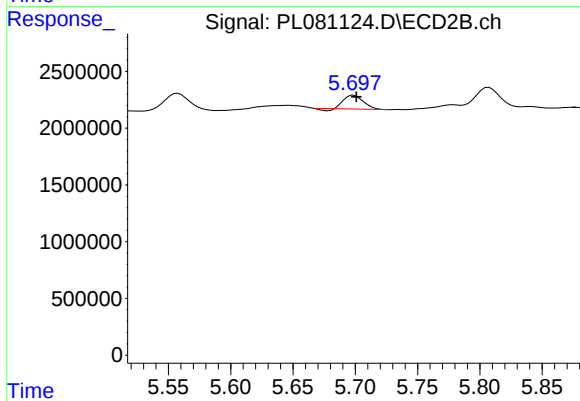
#15 Endosulfan II

R.T.: 5.841 min  
Delta R.T.: -0.002 min  
Response: -1062820  
Conc: N.D.



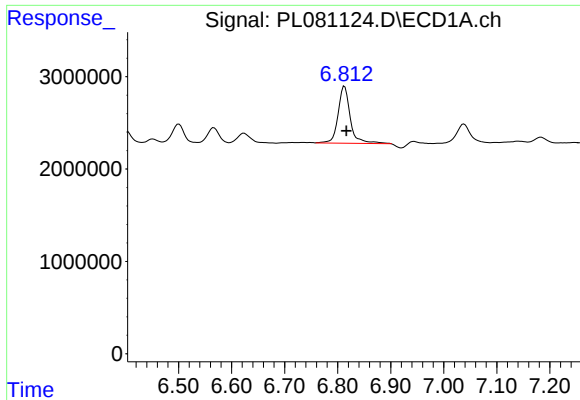
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: -0.003 min  
Response: 2591826  
Conc: 1.28 ng/ml



#16 4,4'-DDD

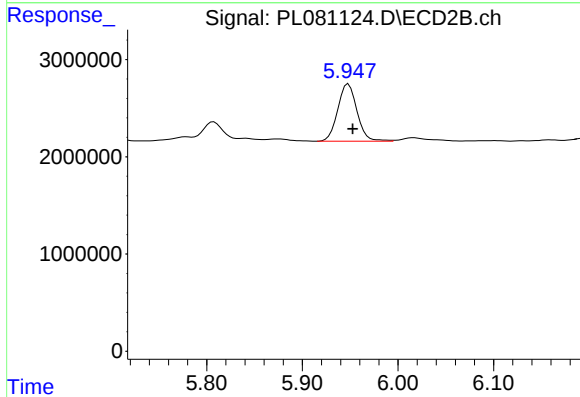
R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 1237158  
Conc: 0.65 ng/ml



#17 4,4'-DDT

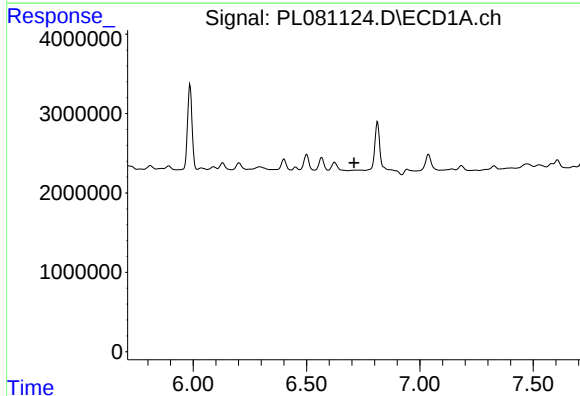
R.T.: 6.813 min  
Delta R.T.: -0.004 min  
Response: 9824655  
Conc: 4.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



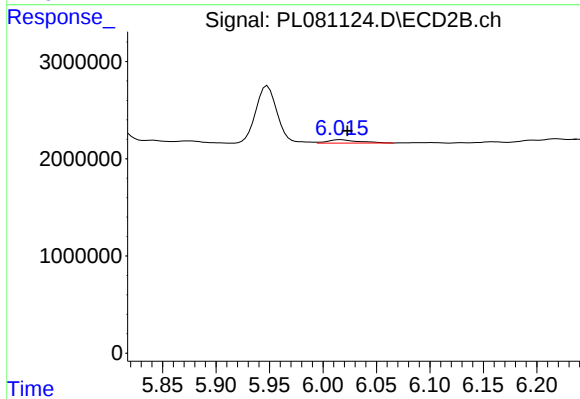
#17 4,4'-DDT

R.T.: 5.948 min  
Delta R.T.: -0.004 min  
Response: 8226116  
Conc: 3.79 ng/ml



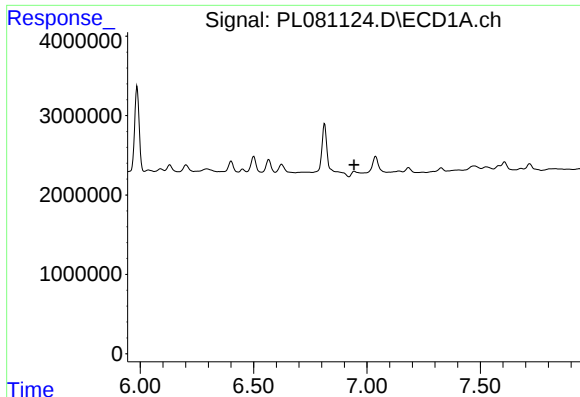
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.709 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

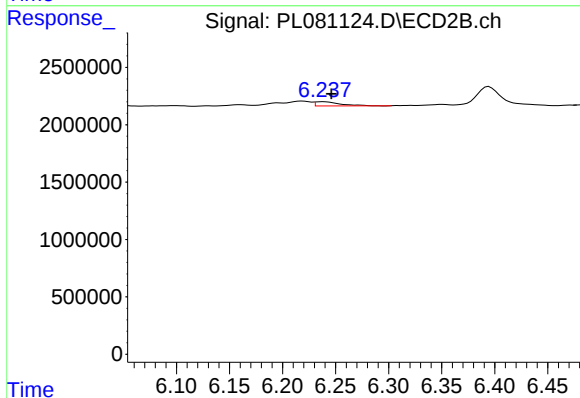
R.T.: 6.017 min  
Delta R.T.: -0.006 min  
Response: 683726  
Conc: 0.37 ng/ml



#19 Endosulfan Sulfate

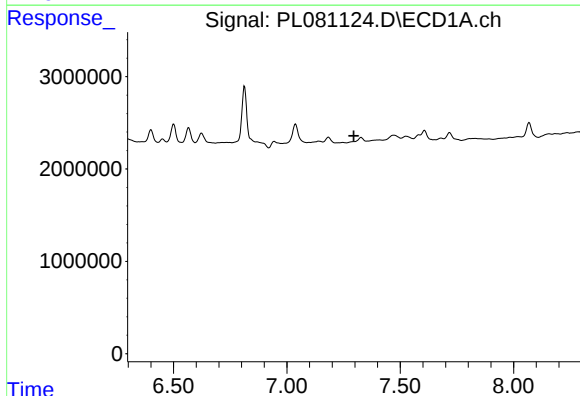
R.T.: 6.944 min  
Delta R.T.: 0.000 min  
Response: -101430  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



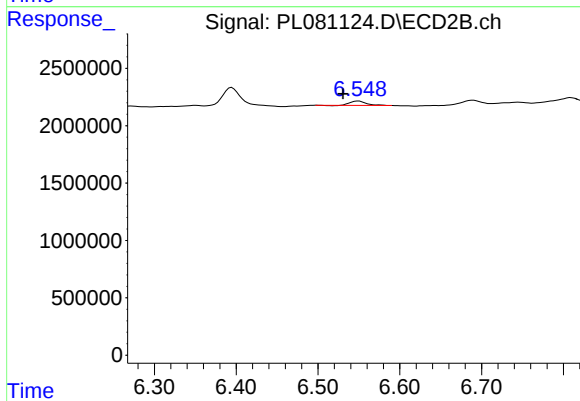
#19 Endosulfan Sulfate

R.T.: 6.238 min  
Delta R.T.: -0.007 min  
Response: 577661  
Conc: 0.24 ng/ml



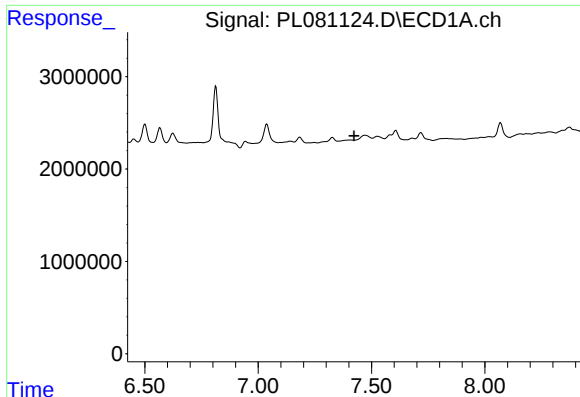
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.295 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

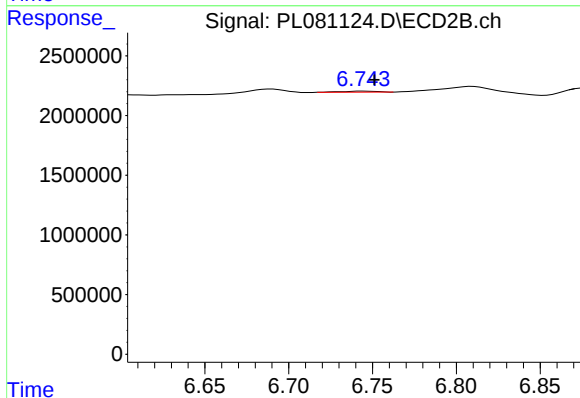
R.T.: 6.549 min  
Delta R.T.: 0.019 min  
Response: 502248  
Conc: 0.42 ng/ml



#21 Endrin ketone

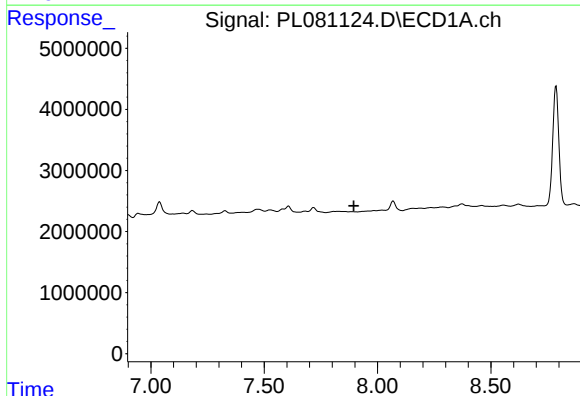
R.T.: 0.000 min  
Exp R.T.: 7.423 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



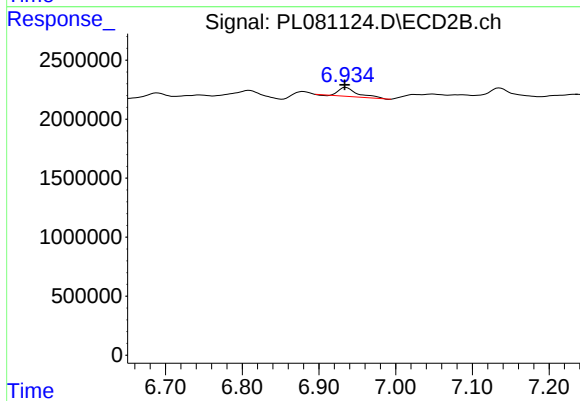
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: -0.007 min  
Response: 135270  
Conc: 0.05 ng/ml



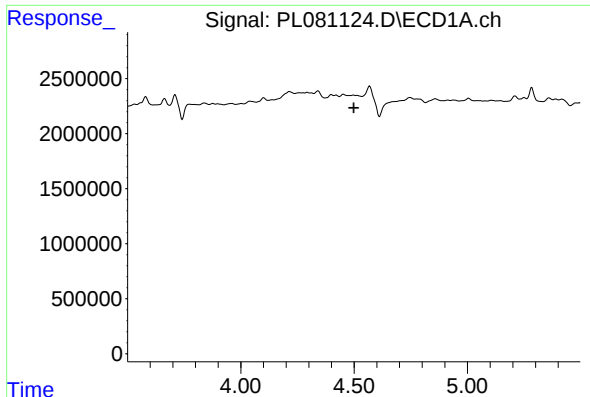
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.895 min  
Response: 0  
Conc: N.D.



#22 Mirex

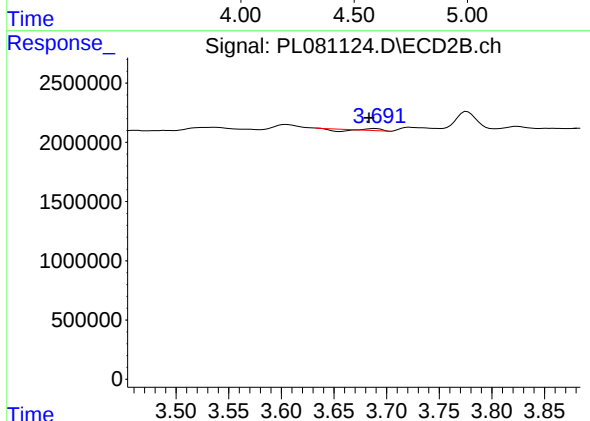
R.T.: 6.935 min  
Delta R.T.: 0.002 min  
Response: 1185789  
Conc: 0.51 ng/ml



#23 Chlordane-1

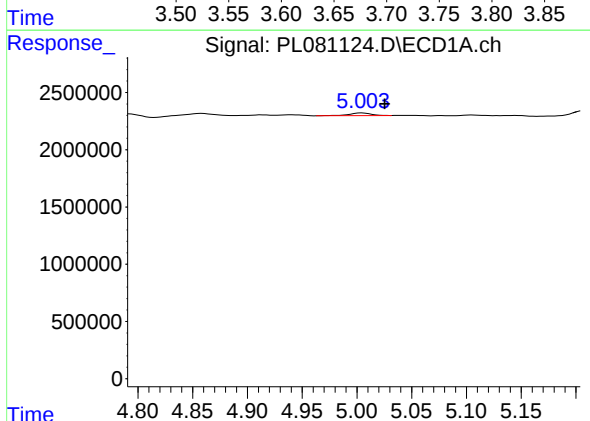
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



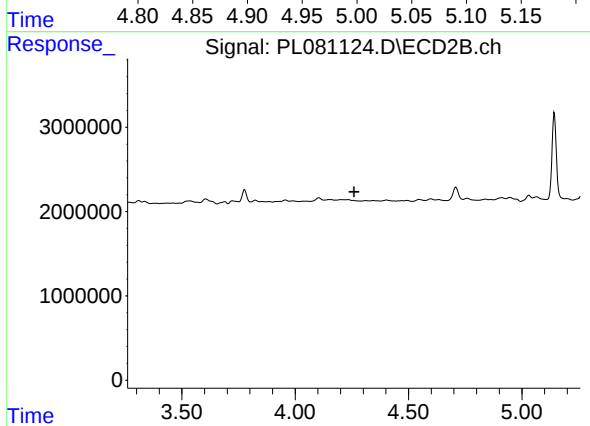
#23 Chlordane-1

R.T.: 3.690 min  
Delta R.T.: 0.006 min  
Response: 5409  
Conc: 0.07 ng/ml



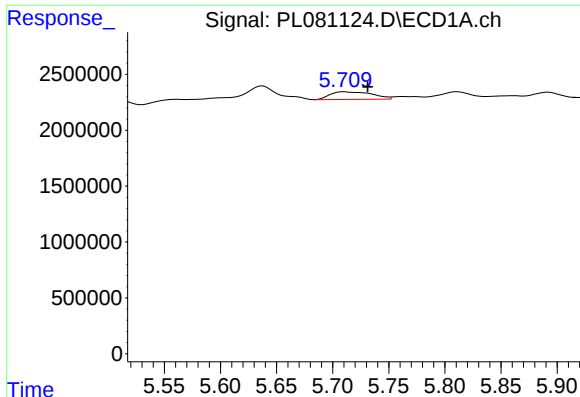
#24 Chlordane-2

R.T.: 5.005 min  
Delta R.T.: -0.021 min  
Response: 321954  
Conc: 3.17 ng/ml



#24 Chlordane-2

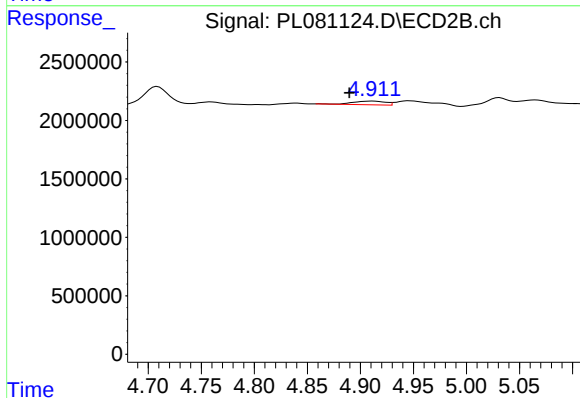
R.T.: 0.000 min  
Exp R.T.: 4.260 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

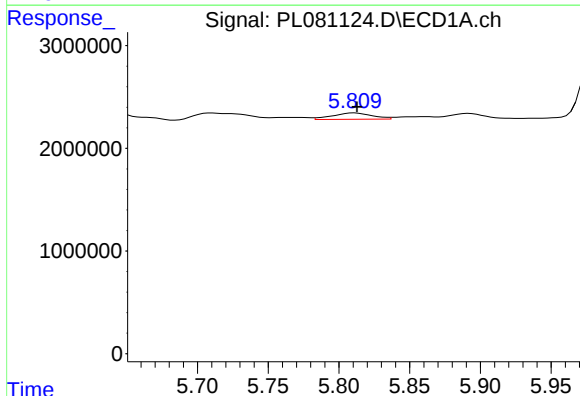
R.T.: 5.710 min  
Delta R.T.: -0.021 min  
Response: 1774738  
Conc: 4.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



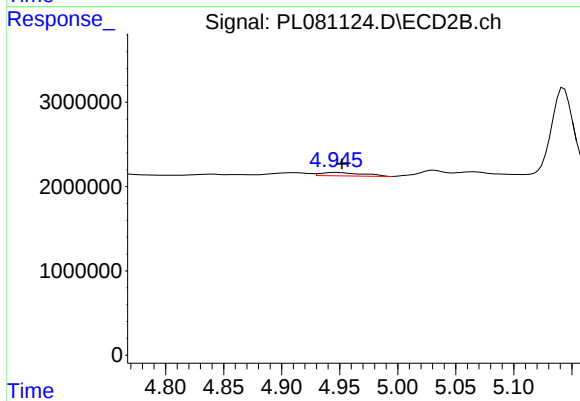
#25 Chlordane-3

R.T.: 4.912 min  
Delta R.T.: 0.022 min  
Response: 672583  
Conc: 2.56 ng/ml



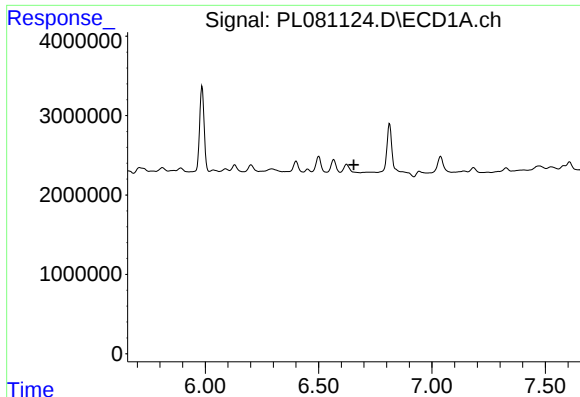
#26 Chlordane-4

R.T.: 5.811 min  
Delta R.T.: -0.002 min  
Response: 1212453  
Conc: 2.62 ng/ml



#26 Chlordane-4

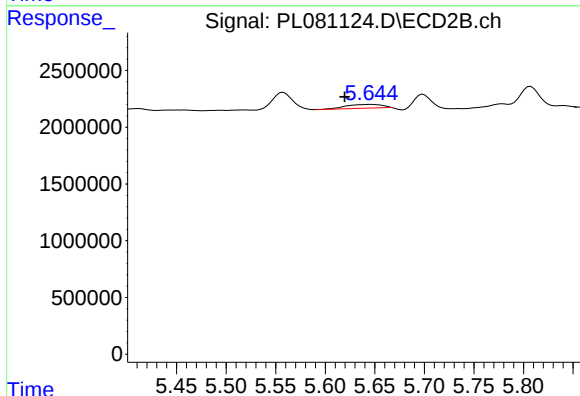
R.T.: 4.946 min  
Delta R.T.: -0.006 min  
Response: 1012291  
Conc: 3.77 ng/ml



#27 Chlordane-5

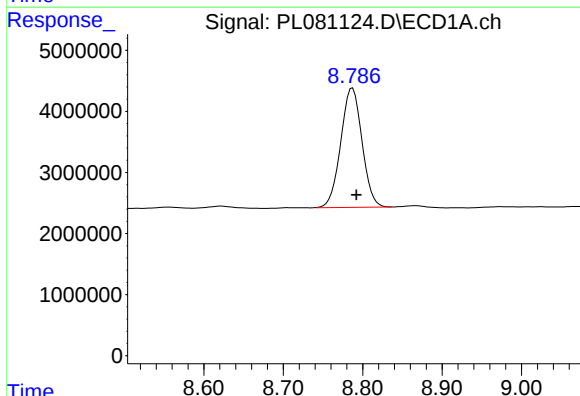
R.T.: 0.000 min  
Exp R.T.: 6.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



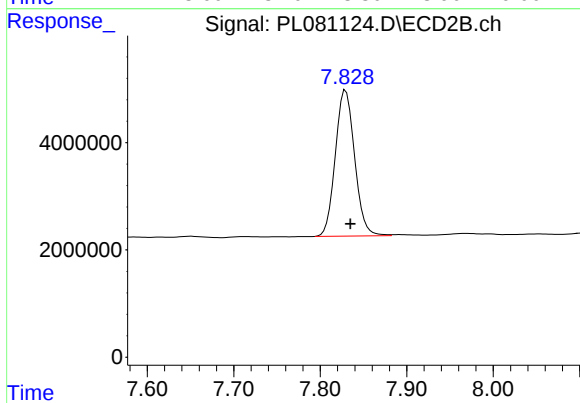
#27 Chlordane-5

R.T.: 5.646 min  
Delta R.T.: 0.026 min  
Response: 829686  
Conc: 10.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.787 min  
Delta R.T.: -0.005 min  
Response: 36372849  
Conc: 18.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min  
Delta R.T.: -0.005 min  
Response: 42001185  
Conc: 17.93 ng/ml