

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022323\  
 Data File : PL081101.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2023 14:13  
 Operator : AR\AJ  
 Sample : 01645-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 19:08:28 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... | 3.350  | 2.687  | 21058380 | 20242273 | 9.034    | 8.797    |
| 28)                         | SA Decachlor... | 8.786  | 7.829  | 14880884 | 21147440 | 7.611    | 9.027    |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.203  | 0        | 57724    | N.D.     | 0.017 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.542f | 0        | 155206   | N.D.     | 0.049 #  |
| 5)                          | MB Aldrin       | 5.049  | 4.134  | 105.5E6  | 100.7E6  | 35.059   | 32.777   |
| 6)                          | B beta-BHC      | 4.343f | 3.822  | 637557   | -237552  | 0.427    | N.D. #   |
| 7)                          | B delta-BHC     | 4.568  | 4.044  | 798269   | 71482    | 0.249    | 0.024 #  |
| 8)                          | B Heptachlo...  | 5.497f | 4.642  | 1095881  | 37935    | 0.394    | 0.013 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.018  | 0        | 28896    | N.D.     | 0.011 #  |
| 10)                         | B gamma-Chl...  | 5.732  | 4.912f | 3396017  | 9005932  | 1.216    | 3.092 #  |
| 11)                         | B alpha-Chl...  | 5.814  | 4.949  | 11177920 | 2734965  | 4.029    | 0.937 #  |
| 12)                         | B 4,4'-DDE      | 5.985  | 5.143  | 3432487  | 3015260  | 1.387    | 1.263    |
| 13)                         | MA Dieldrin     | 6.126  | 5.276  | 268623   | 252413   | 0.101    | 0.092    |
| 14)                         | MA Endrin       | 0.000  | 5.558  | 0        | 491557   | N.D.     | 0.199 #  |
| 15)                         | B Endosulfa...  | 6.564f | 5.844  | 354484   | 1555838  | 0.160    | 0.688 #  |
| 16)                         | A 4,4'-DDD      | 6.508  | 0.000  | 584097   | 0        | 0.289    | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.811  | 5.946  | 2198677  | 2188912  | 0.973    | 1.010    |
| 18)                         | B Endrin al...  | 0.000  | 6.046f | 0        | 210488   | N.D.     | 0.114 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.243  | 0        | 310642   | N.D.     | 0.131 #  |
| 22)                         | Mirex           | 0.000  | 6.937  | 0        | 10526    | N.D.     | 0.005 #  |
| 23)                         | Chlordane-1     | 4.496  | 3.681  | 1236358  | 2052744  | 13.619   | 25.179 # |
| 24)                         | Chlordane-2     | 5.049f | 4.261  | 105.5E6  | 1696128  | 1037.065 | 18.660 # |
| 25)                         | Chlordane-3     | 5.732  | 4.912f | 3396017  | 9005932  | 8.936    | 34.273 # |
| 26)                         | Chlordane-4     | 5.814  | 4.949  | 11177920 | 2734965  | 24.123   | 10.193 # |
| 27)                         | Chlordane-5     | 6.651  | 5.622  | 1257062  | 374401   | 16.259   | 4.862 #  |
| -----                       |                 |        |        |          |          |          |          |

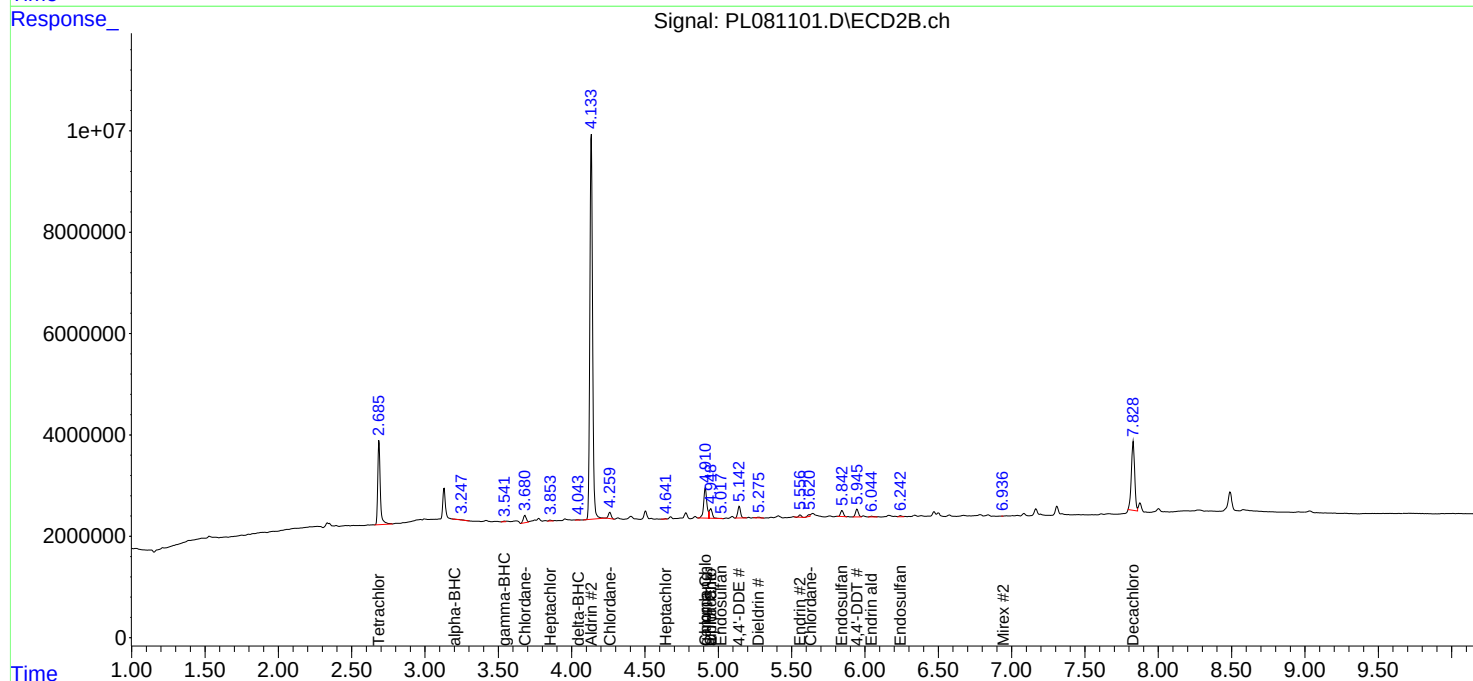
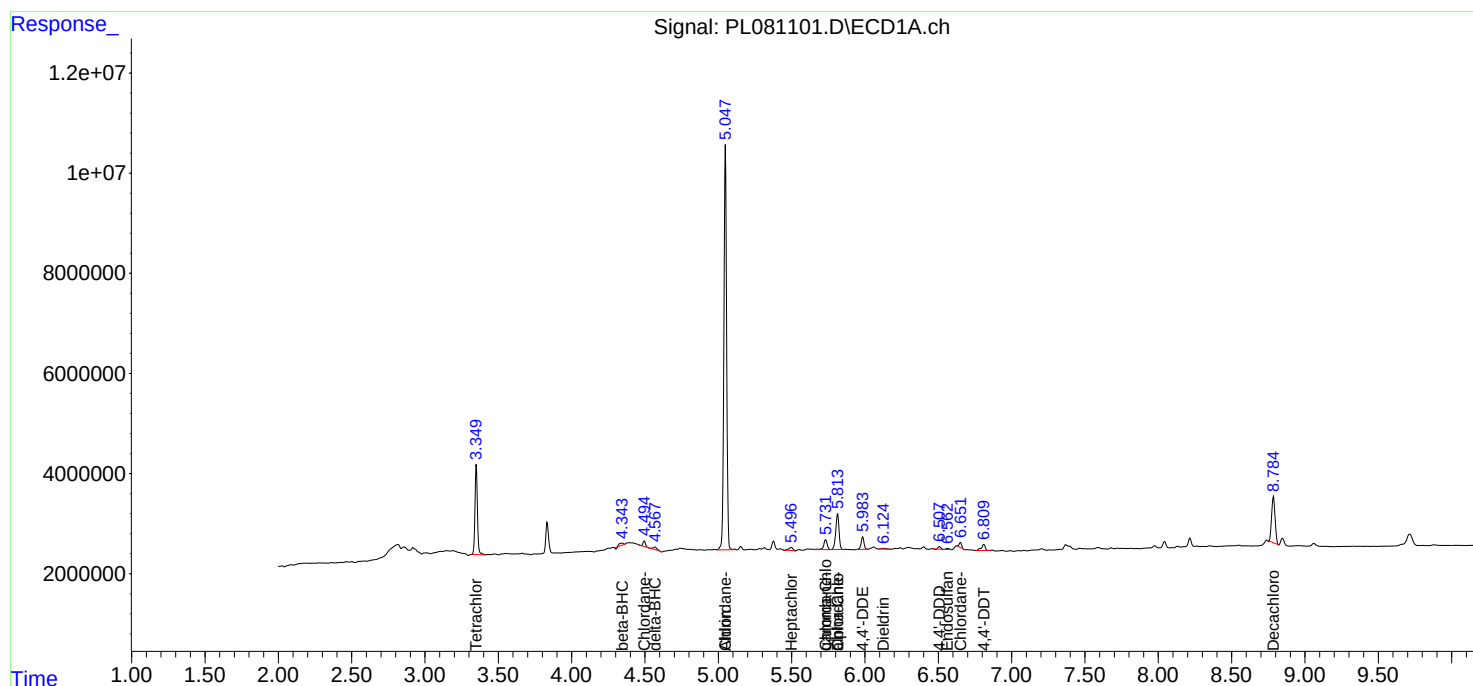
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

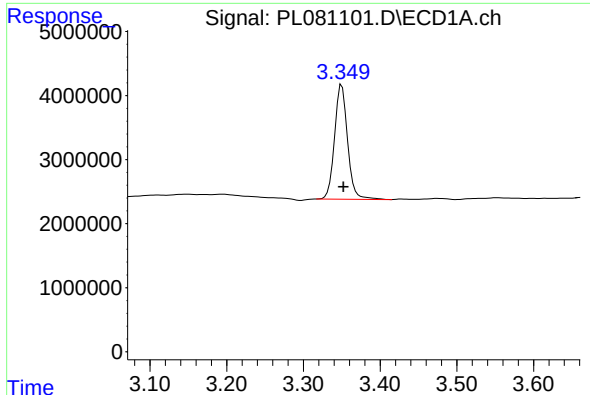
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL0222323\  
Data File : PL081101.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2023 14:13  
Operator : AR\AJ  
Sample : 01645-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 19:08:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL0222023.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

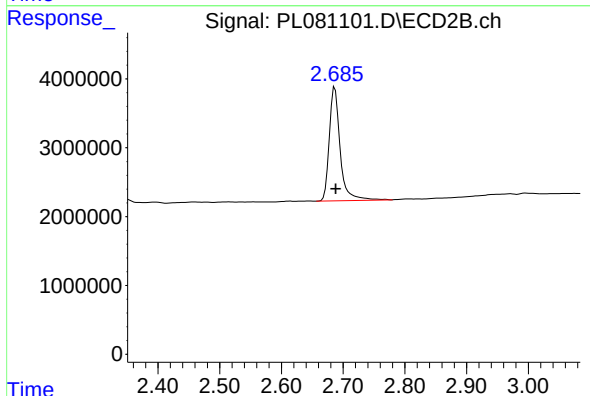




#1 Tetrachloro-m-xylene

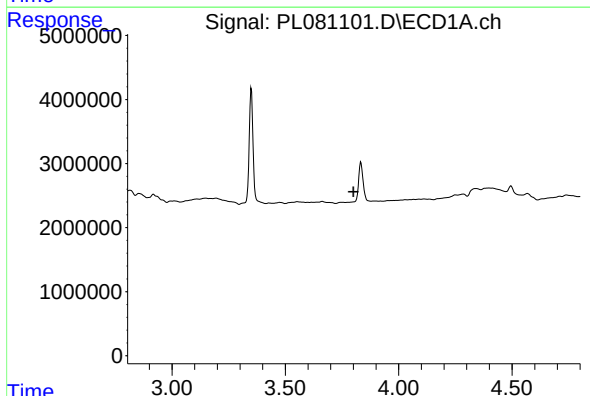
R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 21058380  
Conc: 9.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



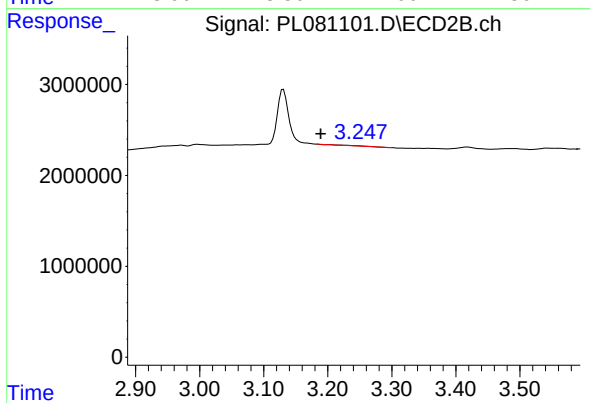
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 20242273  
Conc: 8.80 ng/ml



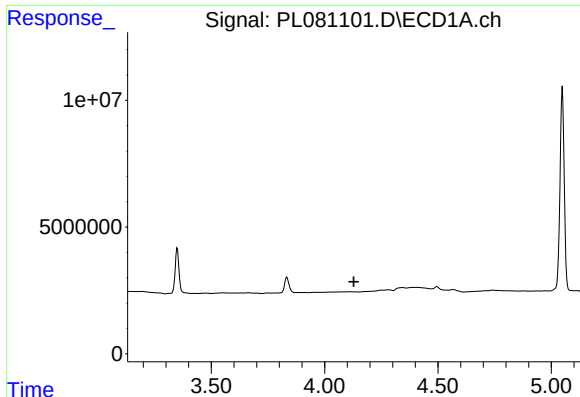
#2 alpha-BHC

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



#2 alpha-BHC

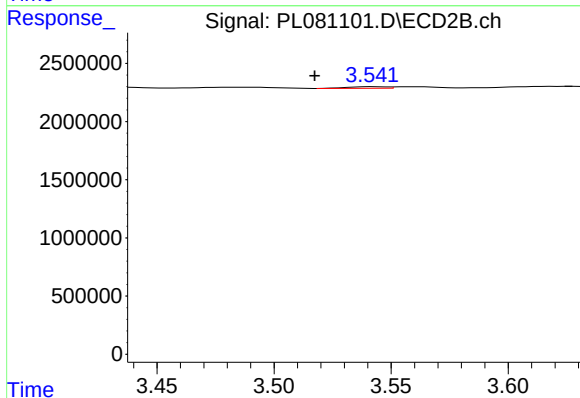
R.T.: 3.203 min  
Delta R.T.: 0.014 min  
Response: 57724  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

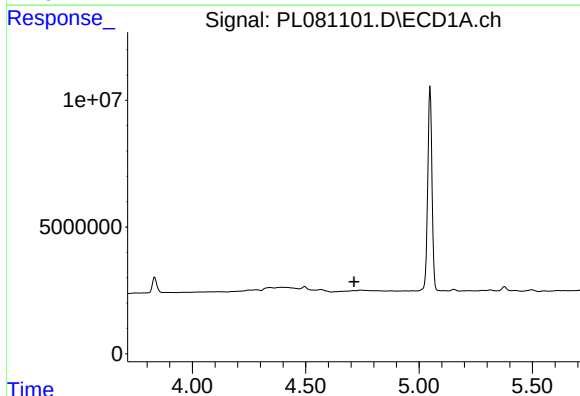
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



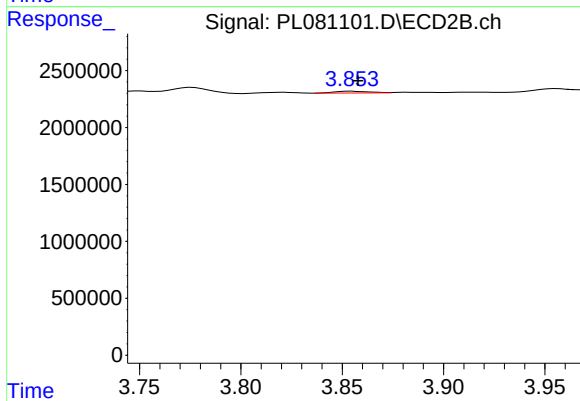
#3 gamma-BHC (Lindane)

R.T.: 3.542 min  
Delta R.T.: 0.025 min  
Response: 155206  
Conc: 0.05 ng/ml



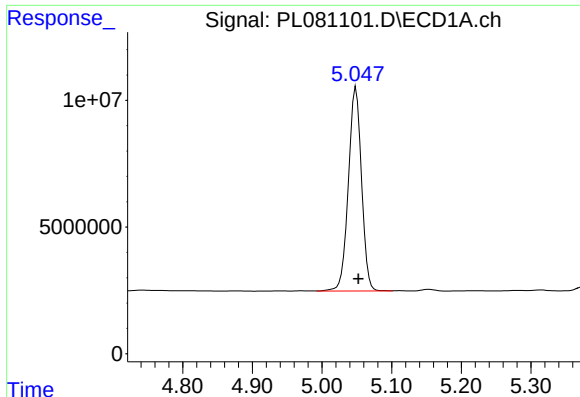
#4 Heptachlor

R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: -605632  
Conc: N.D.



#4 Heptachlor

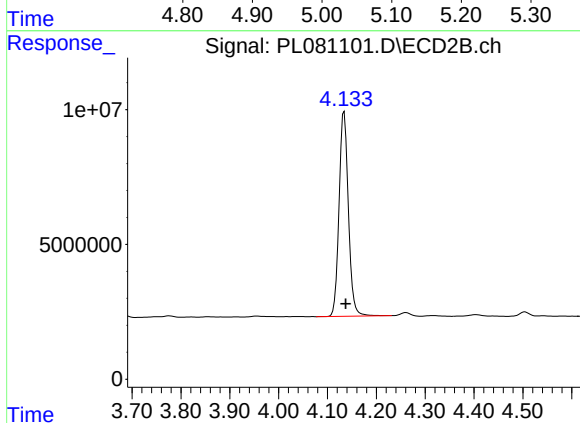
R.T.: 3.855 min  
Delta R.T.: -0.003 min  
Response: 185920  
Conc: 0.06 ng/ml



#5 Aldrin

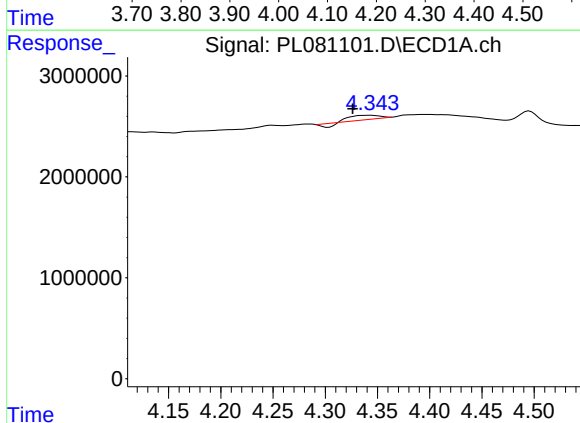
R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 105465778  
Conc: 35.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



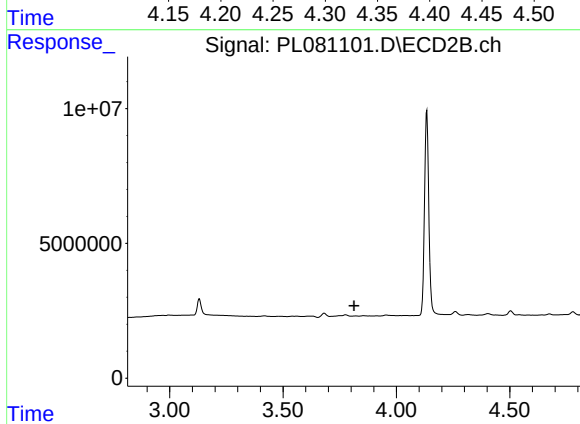
#5 Aldrin

R.T.: 4.134 min  
Delta R.T.: -0.003 min  
Response: 100741407  
Conc: 32.78 ng/ml



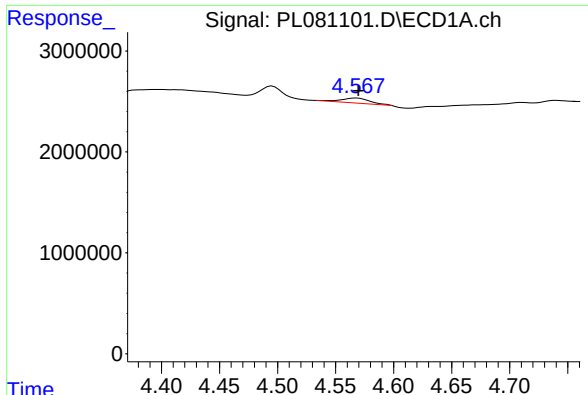
#6 beta-BHC

R.T.: 4.343 min  
Delta R.T.: 0.017 min  
Response: 637557  
Conc: 0.43 ng/ml



#6 beta-BHC

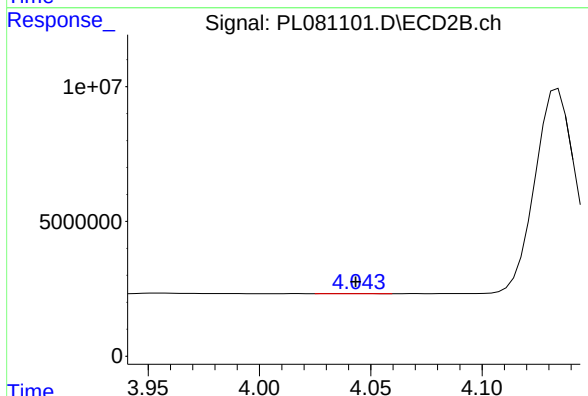
R.T.: 3.822 min  
Delta R.T.: 0.008 min  
Response: -237552  
Conc: N.D.



#7 delta-BHC

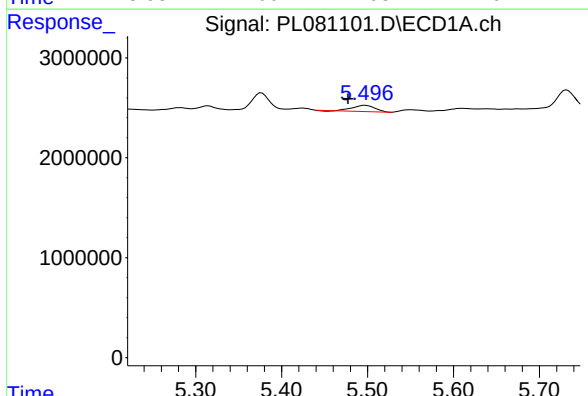
R.T.: 4.568 min  
Delta R.T.: -0.001 min  
Response: 798269  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



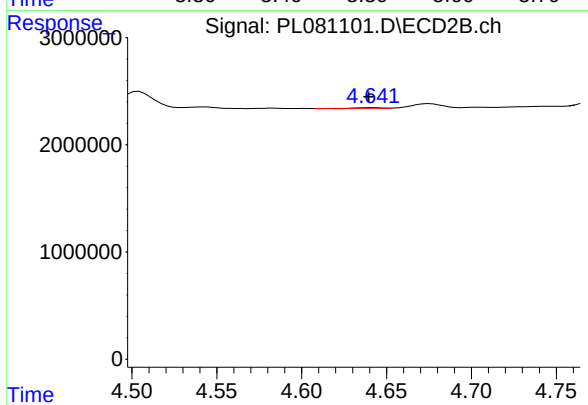
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: 0.001 min  
Response: 71482  
Conc: 0.02 ng/ml



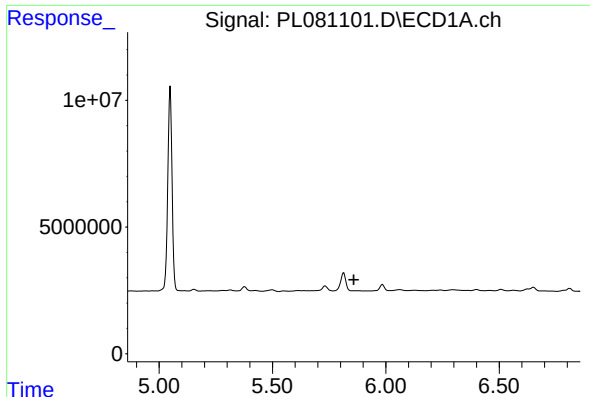
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: 0.020 min  
Response: 1095881  
Conc: 0.39 ng/ml



#8 Heptachlor epoxide

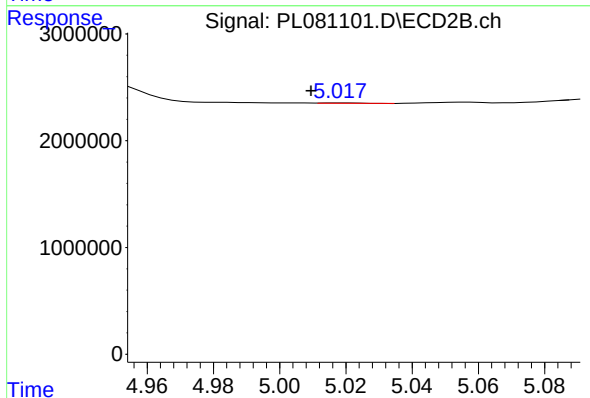
R.T.: 4.642 min  
Delta R.T.: 0.002 min  
Response: 37935  
Conc: 0.01 ng/ml



#9 Endosulfan I

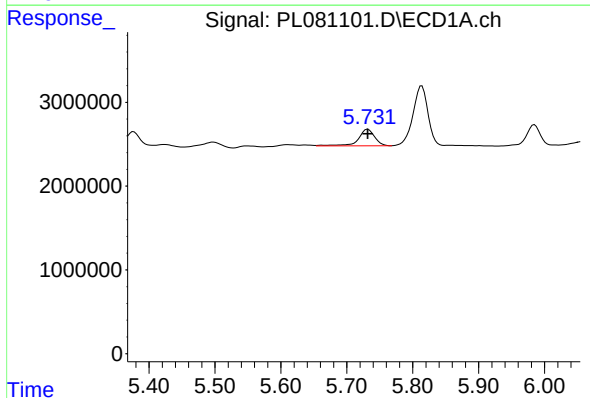
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



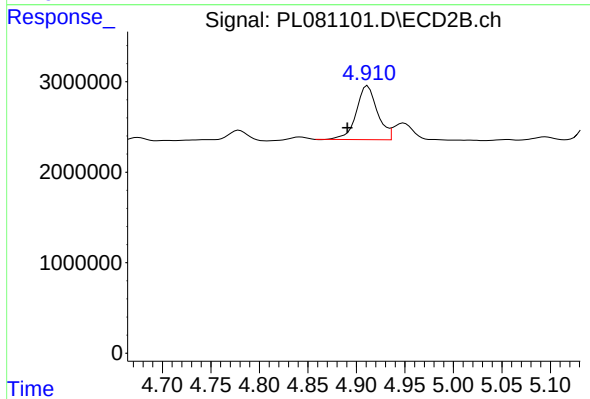
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: 0.009 min  
Response: 28896  
Conc: 0.01 ng/ml



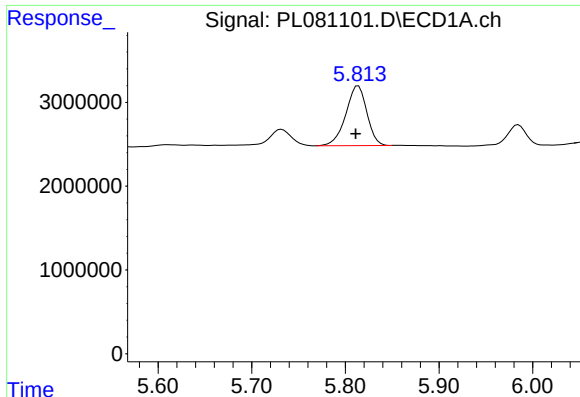
#10 gamma-Chlordane

R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 3396017  
Conc: 1.22 ng/ml



#10 gamma-Chlordane

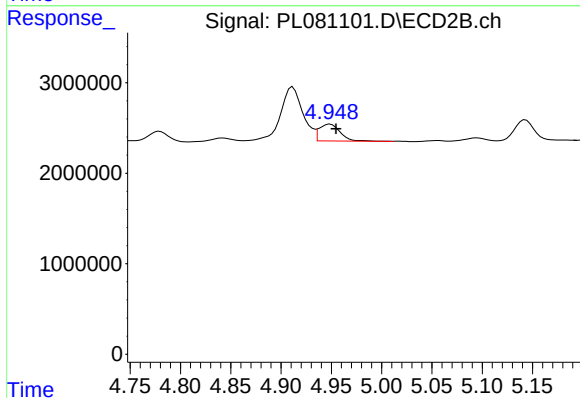
R.T.: 4.912 min  
Delta R.T.: 0.021 min  
Response: 9005932  
Conc: 3.09 ng/ml



#11 alpha-Chlordane

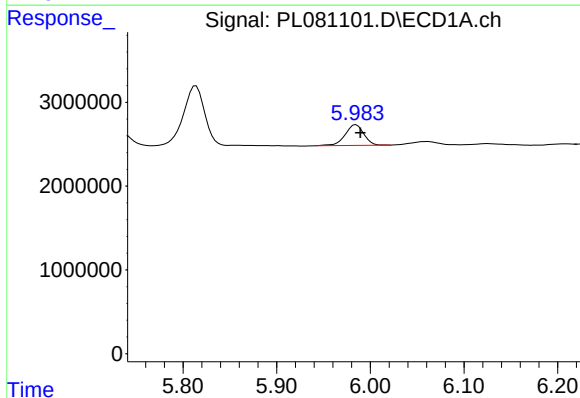
R.T.: 5.814 min  
Delta R.T.: 0.003 min  
Response: 11177920  
Conc: 4.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



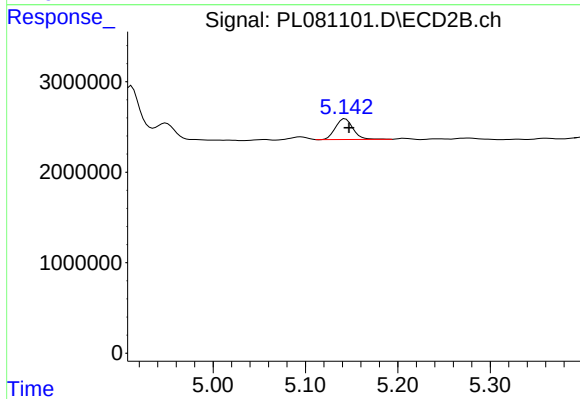
#11 alpha-Chlordane

R.T.: 4.949 min  
Delta R.T.: -0.006 min  
Response: 2734965  
Conc: 0.94 ng/ml



#12 4,4'-DDE

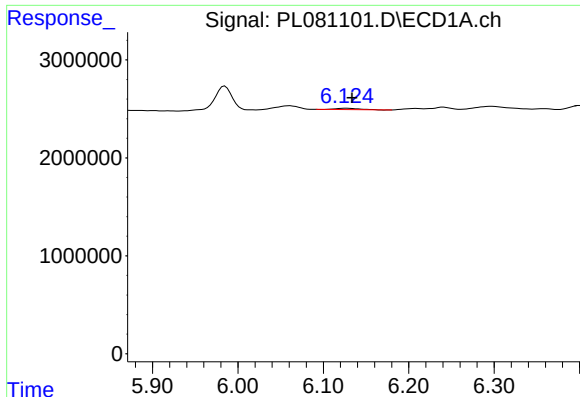
R.T.: 5.985 min  
Delta R.T.: -0.005 min  
Response: 3432487  
Conc: 1.39 ng/ml



#12 4,4'-DDE

R.T.: 5.143 min  
Delta R.T.: -0.004 min  
Response: 3015260  
Conc: 1.26 ng/ml

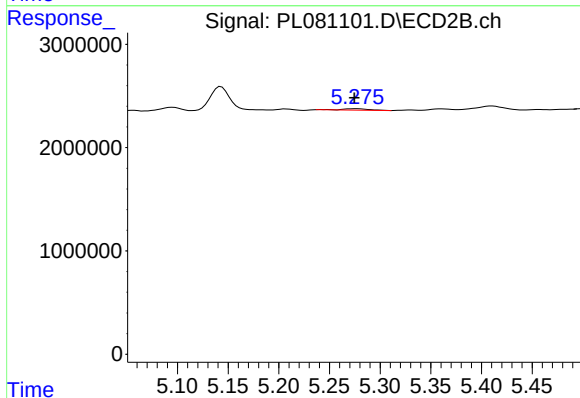




#13 Dieldrin

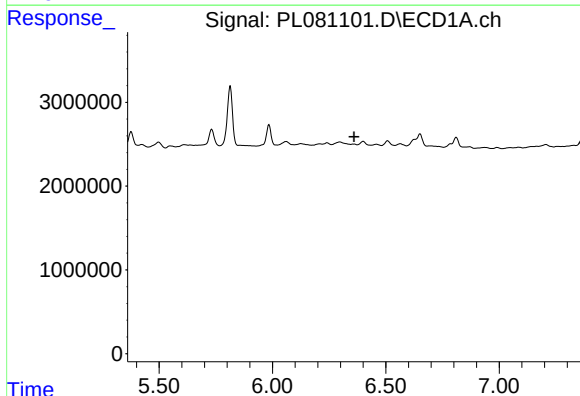
R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 268623  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



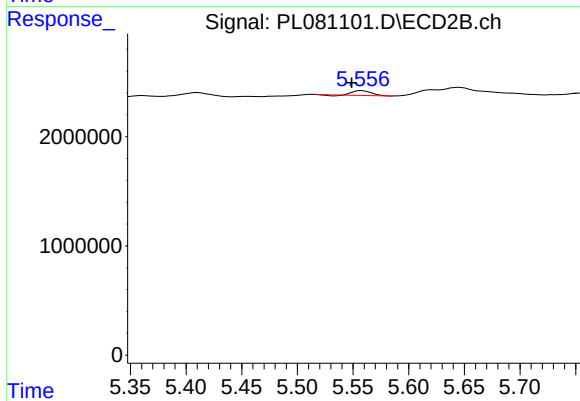
#13 Dieldrin

R.T.: 5.276 min  
Delta R.T.: 0.002 min  
Response: 252413  
Conc: 0.09 ng/ml



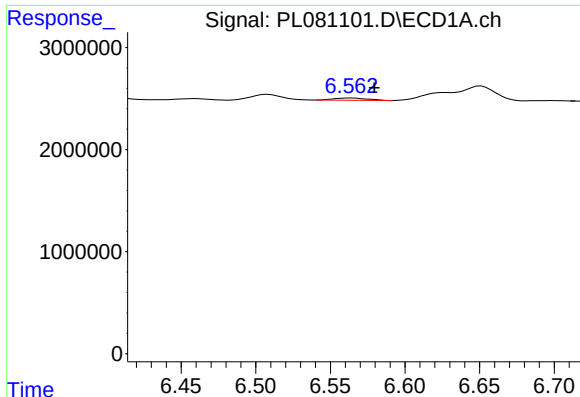
#14 Endrin

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



#14 Endrin

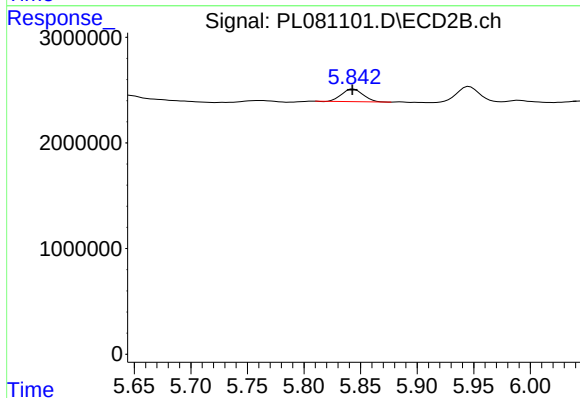
R.T.: 5.558 min  
Delta R.T.: 0.009 min  
Response: 491557  
Conc: 0.20 ng/ml



#15 Endosulfan II

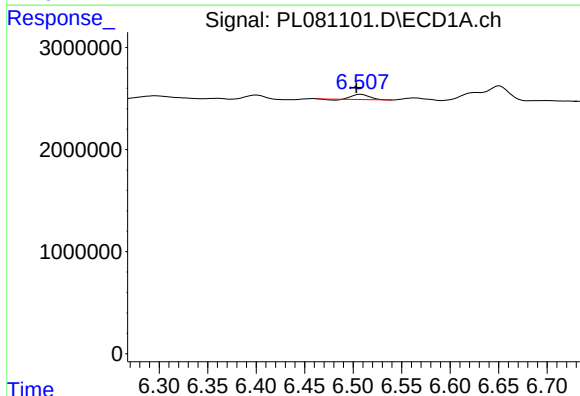
R.T.: 6.564 min  
Delta R.T.: -0.016 min  
Response: 354484  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



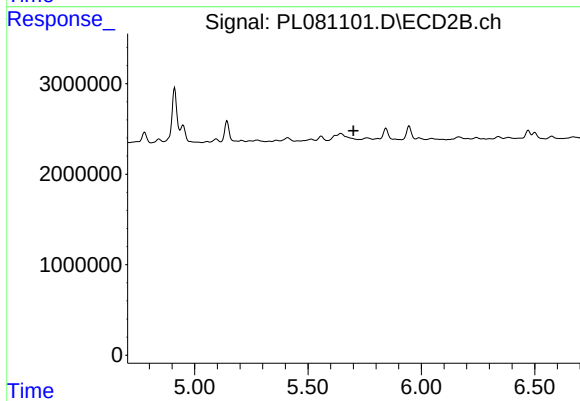
#15 Endosulfan II

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 1555838  
Conc: 0.69 ng/ml



#16 4,4'-DDD

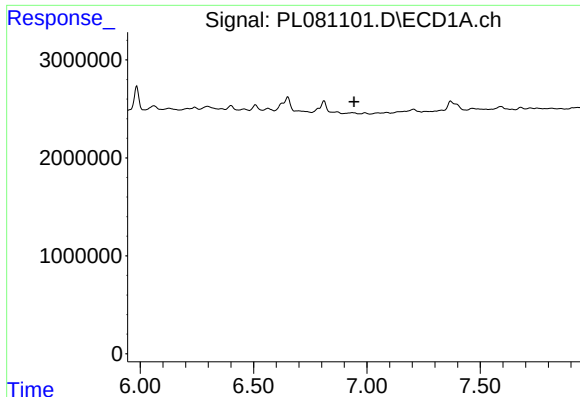
R.T.: 6.508 min  
Delta R.T.: 0.005 min  
Response: 584097  
Conc: 0.29 ng/ml



#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.701 min  
Response: 0  
Conc: N.D.

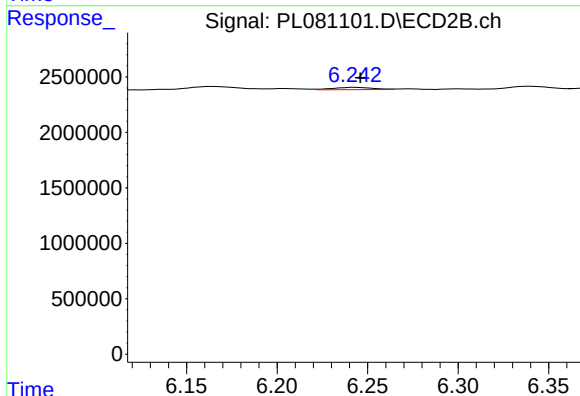




#19 Endosulfan Sulfate

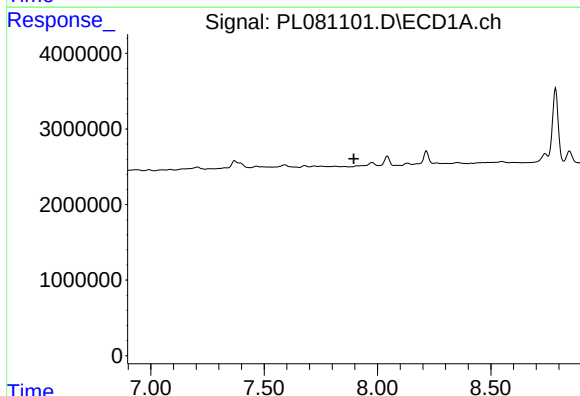
R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



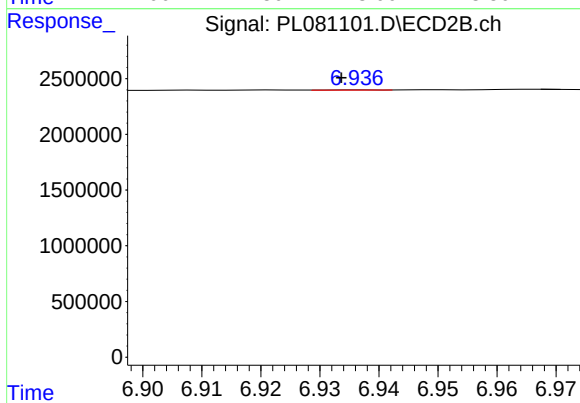
#19 Endosulfan Sulfate

R.T.: 6.243 min  
Delta R.T.: -0.003 min  
Response: 310642  
Conc: 0.13 ng/ml



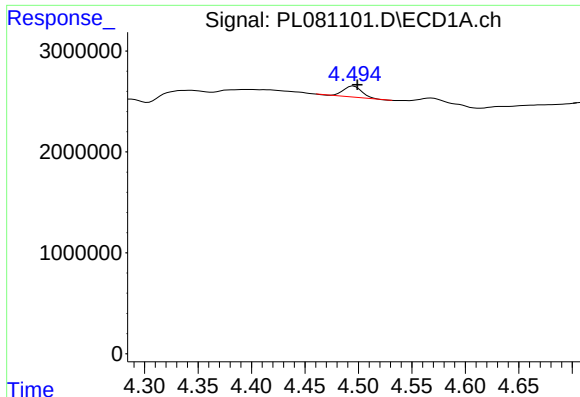
#22 Mirex

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



#22 Mirex

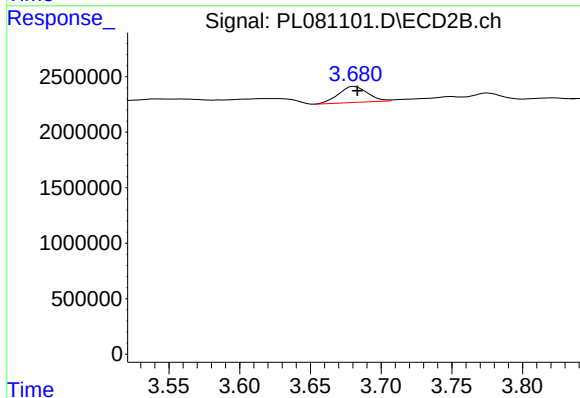
R.T.: 6.937 min  
Delta R.T.: 0.003 min  
Response: 10526  
Conc: 0.00 ng/ml



#23 Chlordane-1

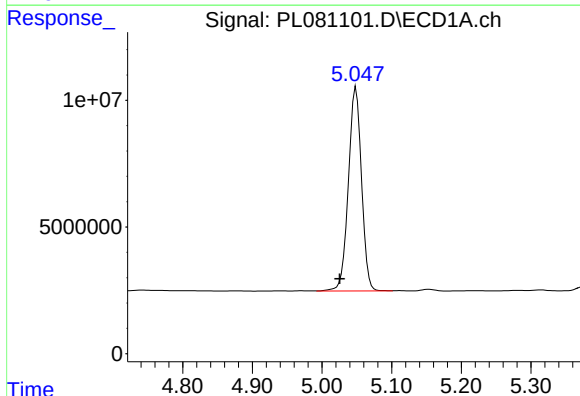
R.T.: 4.496 min  
Delta R.T.: -0.003 min  
Response: 1236358  
Conc: 13.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



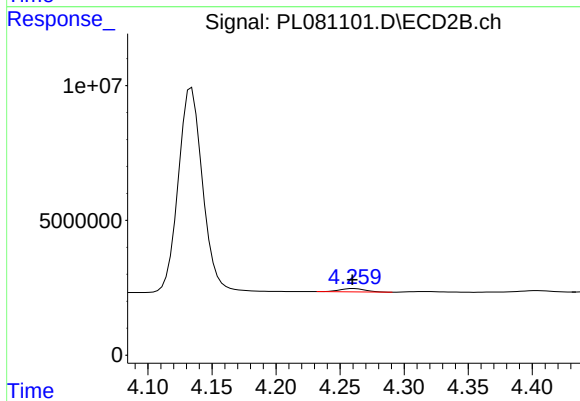
#23 Chlordane-1

R.T.: 3.681 min  
Delta R.T.: -0.002 min  
Response: 2052744  
Conc: 25.18 ng/ml



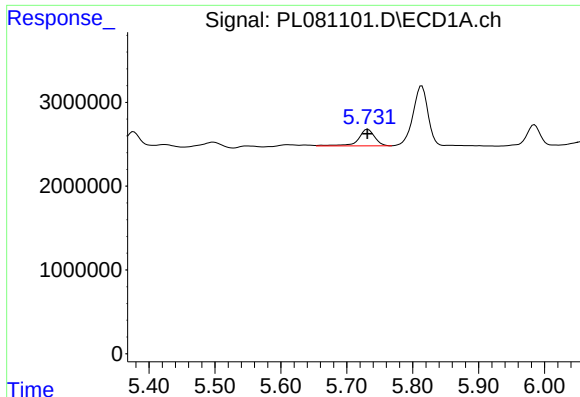
#24 Chlordane-2

R.T.: 5.049 min  
Delta R.T.: 0.023 min  
Response: 105465778  
Conc: 1037.06 ng/ml



#24 Chlordane-2

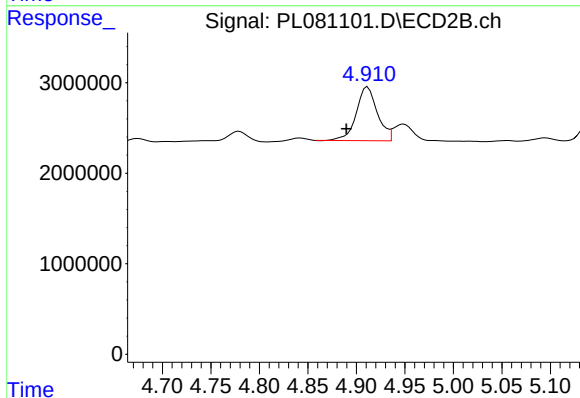
R.T.: 4.261 min  
Delta R.T.: 0.001 min  
Response: 1696128  
Conc: 18.66 ng/ml



#25 Chlordane-3

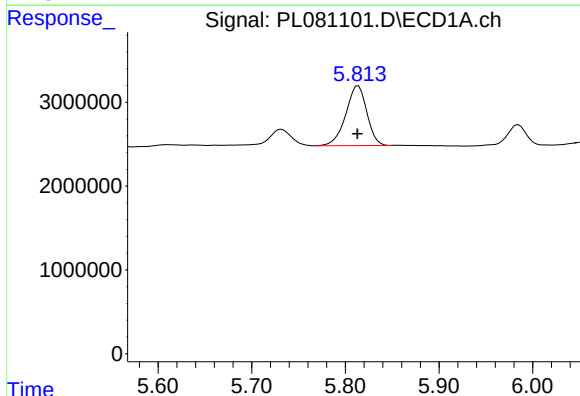
R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 3396017  
Conc: 8.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



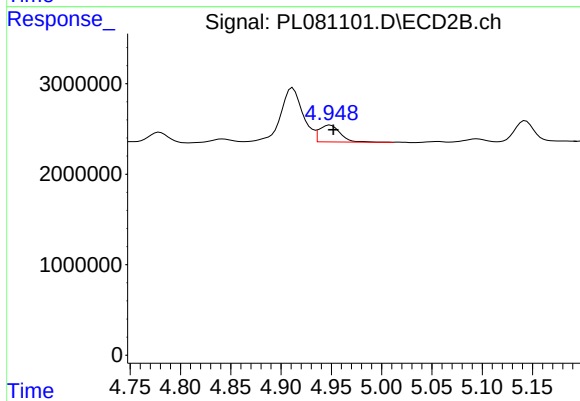
#25 Chlordane-3

R.T.: 4.912 min  
Delta R.T.: 0.022 min  
Response: 9005932  
Conc: 34.27 ng/ml



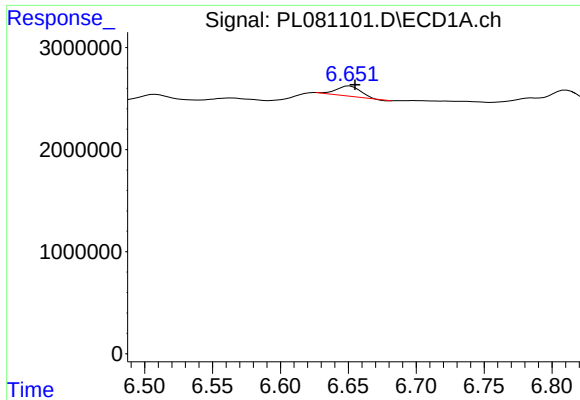
#26 Chlordane-4

R.T.: 5.814 min  
Delta R.T.: 0.001 min  
Response: 11177920  
Conc: 24.12 ng/ml



#26 Chlordane-4

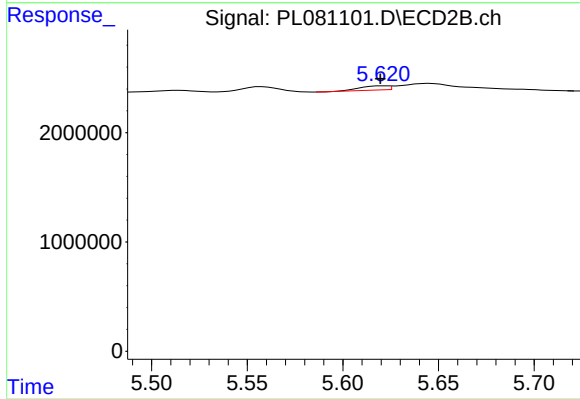
R.T.: 4.949 min  
Delta R.T.: -0.003 min  
Response: 2734965  
Conc: 10.19 ng/ml



#27 Chlordane-5

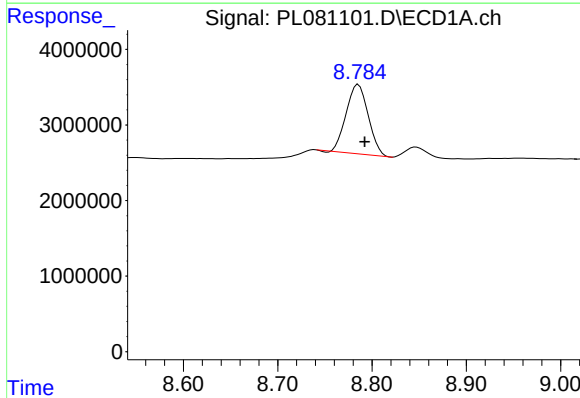
R.T.: 6.651 min  
Delta R.T.: -0.004 min  
Response: 1257062  
Conc: 16.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



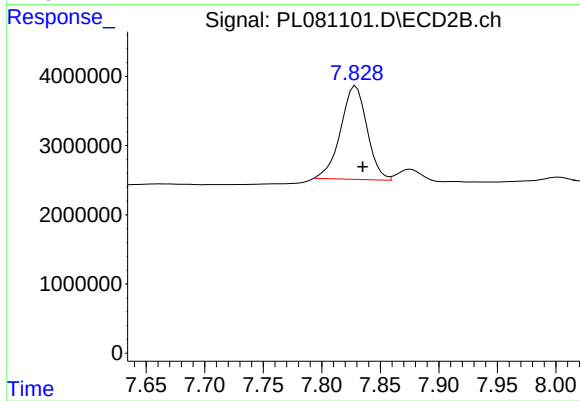
#27 Chlordane-5

R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 374401  
Conc: 4.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.006 min  
Response: 14880884  
Conc: 7.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.006 min  
Response: 21147440  
Conc: 9.03 ng/ml