

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021023\  
 Data File : PL080862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2023 18:03  
 Operator : AR\AJ  
 Sample : 01513-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 10 22:01:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.352  | 2.688  | 27622378 | 27292949 | 12.879  | 12.426   |
| 28)                         | SA Decachlor... | 8.788  | 7.833  | 24208740 | 29173503 | 13.828  | 12.245   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.189  | 0        | 589347   | N.D.    | 0.185 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.505f | 0        | 33206    | N.D.    | 0.011 #  |
| 4)                          | MA Heptachlor   | 4.715  | 3.859  | 351426   | 594708   | 0.119   | 0.187 #  |
| 5)                          | MB Aldrin       | 5.049  | 4.136  | 36731005 | 35428022 | 13.426  | 12.011   |
| 6)                          | B beta-BHC      | 4.341f | 3.828  | 401054   | 132424   | 0.294   | 0.099 #  |
| 7)                          | B delta-BHC     | 4.569  | 4.058  | 1242896  | 26085    | 0.429   | 0.009 #  |
| 8)                          | B Heptachlo...  | 5.499f | 4.639  | 1144909  | 6862     | 0.443   | 0.002 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.015  | 0        | 21684    | N.D.    | 0.008 #  |
| 10)                         | B gamma-Chl...  | 5.732  | 4.914f | 1128807  | 2105888  | 0.447   | 0.743 #  |
| 11)                         | B alpha-Chl...  | 5.813  | 4.952  | 2824845  | 1342886  | 1.119   | 0.469 #  |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.146  | 801022   | 802973   | 0.360   | 0.340    |
| 13)                         | MA Dieldrin     | 0.000  | 5.278  | 0        | 188697   | N.D.    | 0.070 #  |
| 14)                         | MA Endrin       | 6.367  | 5.562  | 153459   | -8297    | 0.071   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.555f | 5.847  | 176296   | 493048   | 0.077   | 0.237 #  |
| 16)                         | A 4,4'-DDD      | 6.509  | 0.000  | 253406   | 0        | 0.138   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.948  | 395406   | 483353   | 0.190   | 0.230    |
| 19)                         | B Endosulfa...  | 0.000  | 6.247  | 0        | 186174   | N.D.    | 0.080 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.551  | 0        | 11778    | N.D.    | 0.010 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.746  | 0        | 18901    | N.D.    | 0.007 #  |
| 22)                         | Mirex           | 7.917f | 0.000  | 117688   | 0        | 0.068   | N.D. #   |
| 23)                         | Chlordane-1     | 4.495  | 3.683  | 688174   | 1086221  | 8.079   | 13.340 # |
| 24)                         | Chlordane-2     | 5.049f | 4.261  | 36731005 | 359357   | 380.832 | 3.986 #  |
| 25)                         | Chlordane-3     | 5.732  | 4.914f | 1128807  | 2105888  | 3.341   | 7.985 #  |
| 26)                         | Chlordane-4     | 5.813  | 4.952  | 2824845  | 1342886  | 6.548   | 4.987    |
| 27)                         | Chlordane-5     | 0.000  | 5.650f | 0        | 570350   | N.D.    | 8.016 #  |
| -----                       |                 |        |        |          |          |         |          |

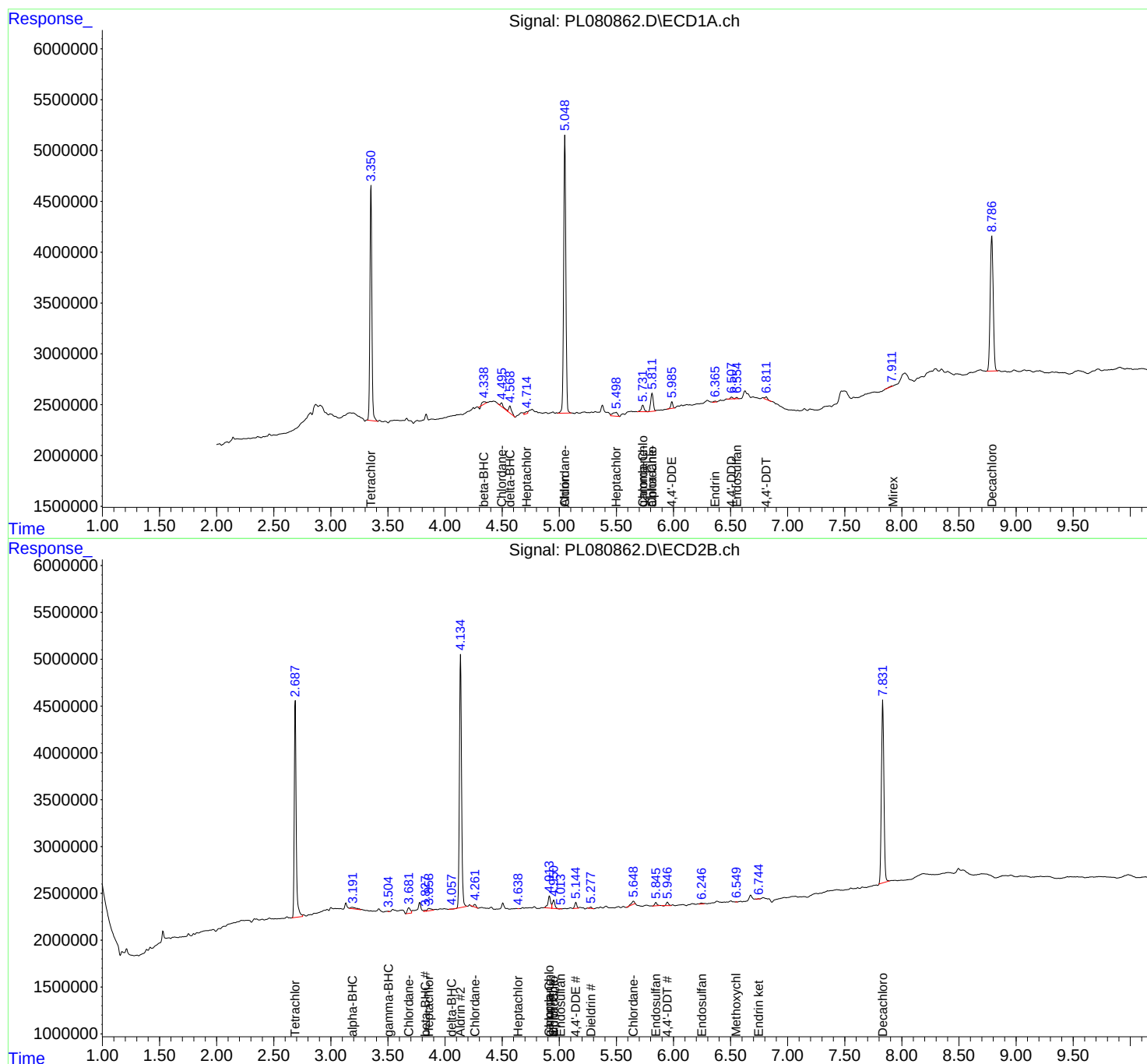
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

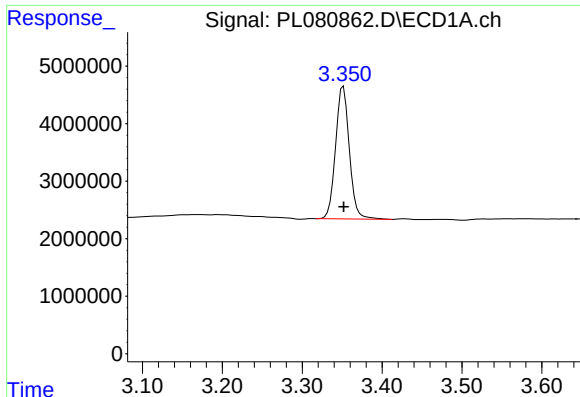
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
Data File : PL080862.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2023 18:03  
Operator : AR\AJ  
Sample : 01513-02  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 22:01:11 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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

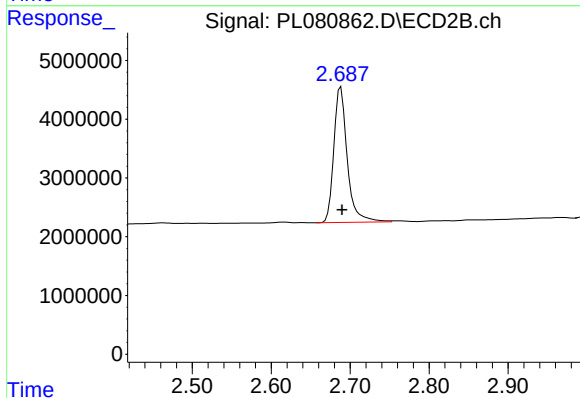




#1 Tetrachloro-m-xylene

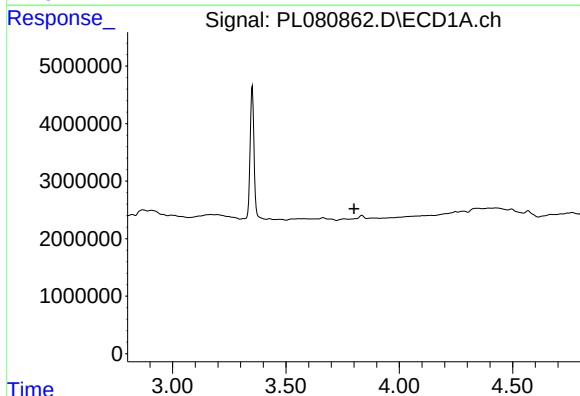
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 27622378  
Conc: 12.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



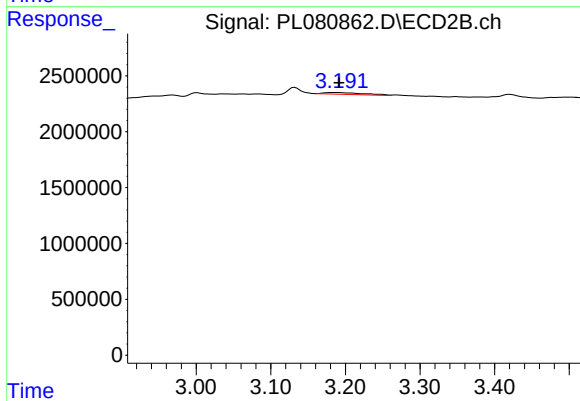
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.001 min  
Response: 27292949  
Conc: 12.43 ng/ml



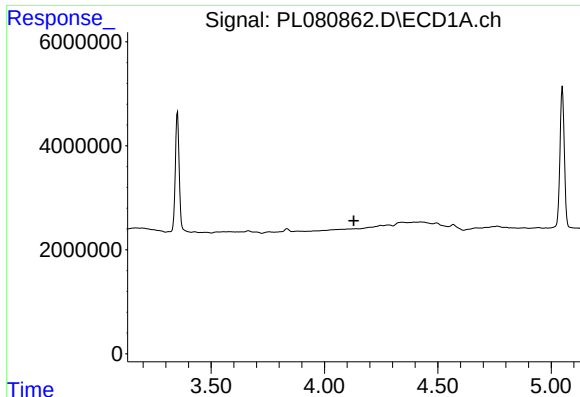
#2 alpha-BHC

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



#2 alpha-BHC

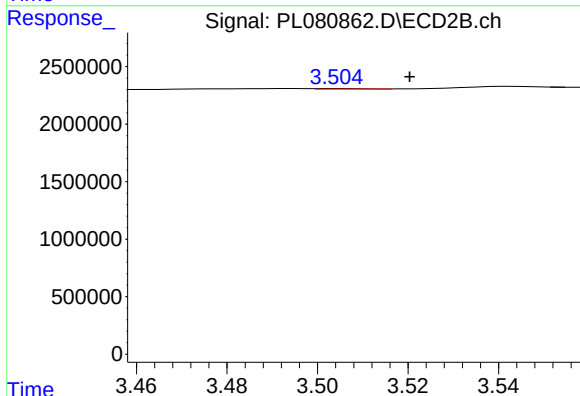
R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 589347  
Conc: 0.19 ng/ml



#3 gamma-BHC (Lindane)

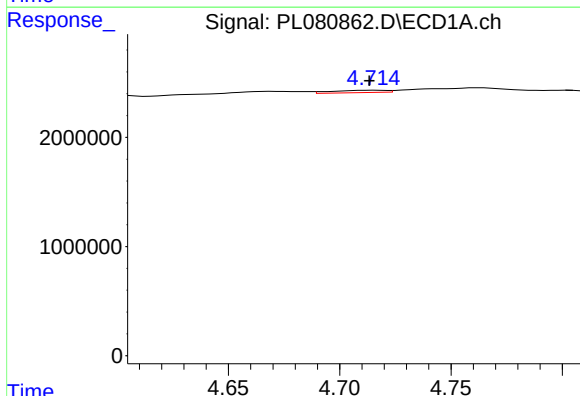
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



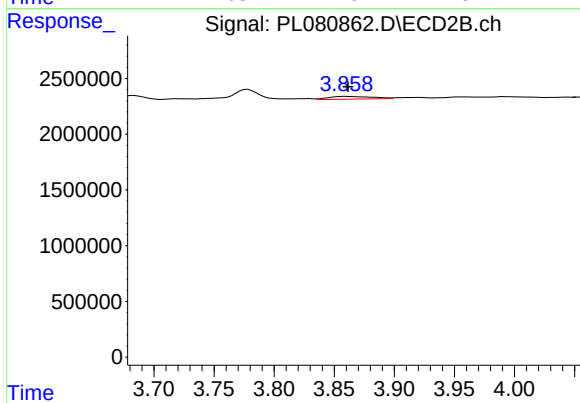
#3 gamma-BHC (Lindane)

R.T.: 3.505 min  
Delta R.T.: -0.016 min  
Response: 33206  
Conc: 0.01 ng/ml



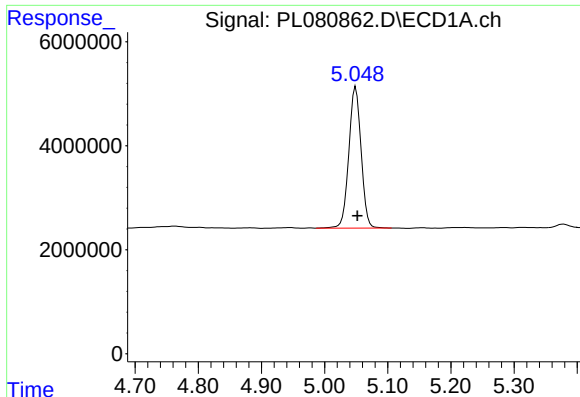
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 351426  
Conc: 0.12 ng/ml



#4 Heptachlor

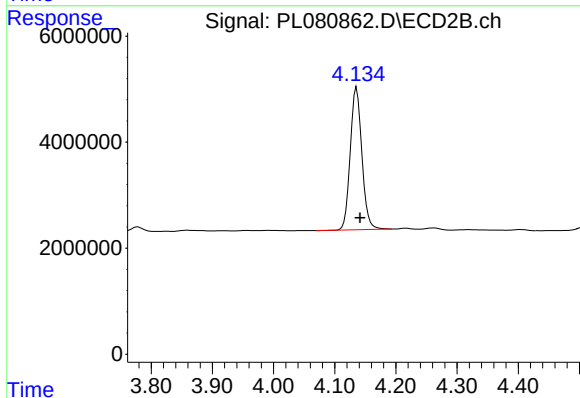
R.T.: 3.859 min  
Delta R.T.: -0.002 min  
Response: 594708  
Conc: 0.19 ng/ml



#5 Aldrin

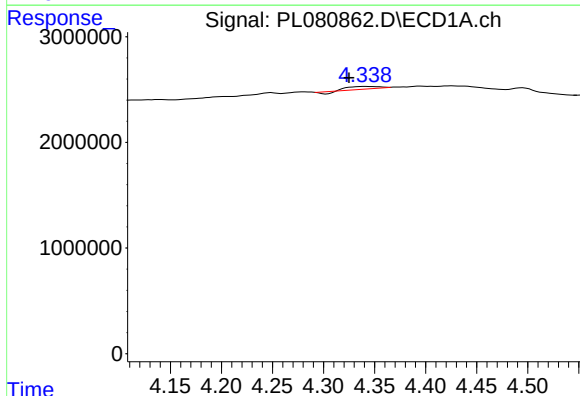
R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 36731005  
Conc: 13.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



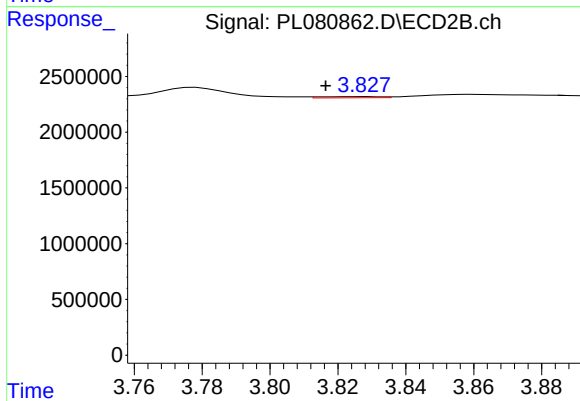
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.006 min  
Response: 35428022  
Conc: 12.01 ng/ml



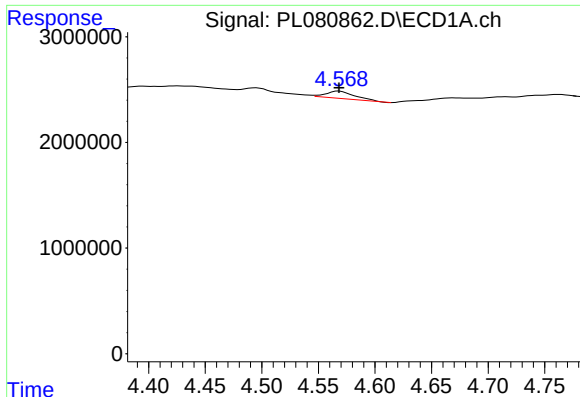
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.016 min  
Response: 401054  
Conc: 0.29 ng/ml



#6 beta-BHC

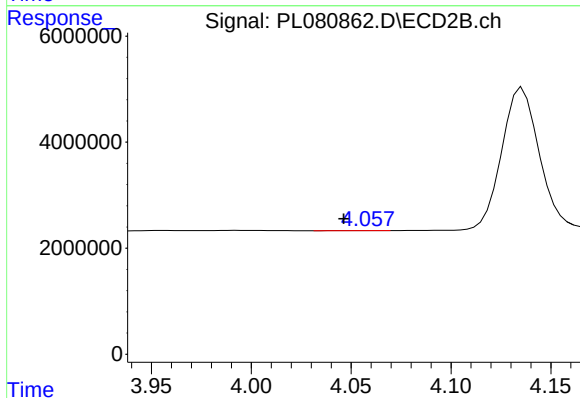
R.T.: 3.828 min  
Delta R.T.: 0.011 min  
Response: 132424  
Conc: 0.10 ng/ml



#7 delta-BHC

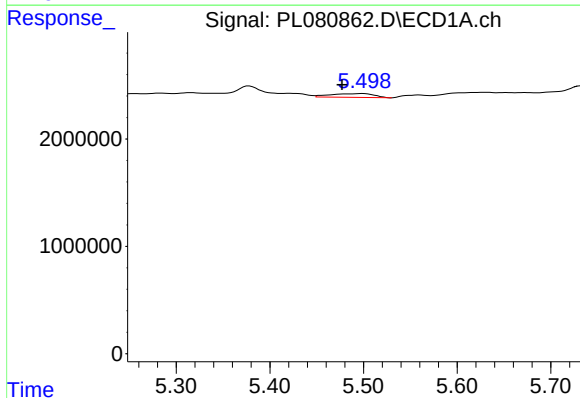
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 1242896  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



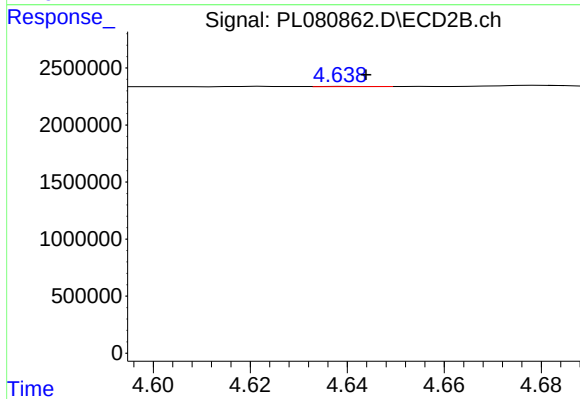
#7 delta-BHC

R.T.: 4.058 min  
Delta R.T.: 0.012 min  
Response: 26085  
Conc: 0.01 ng/ml



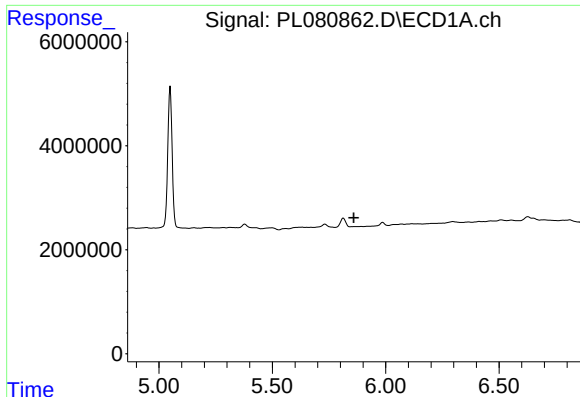
#8 Heptachlor epoxide

R.T.: 5.499 min  
Delta R.T.: 0.022 min  
Response: 1144909  
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

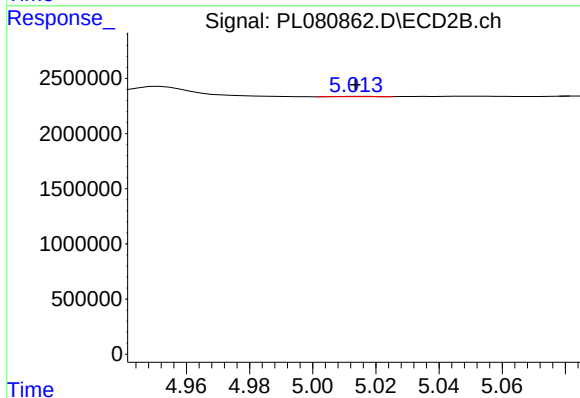
R.T.: 4.639 min  
Delta R.T.: -0.005 min  
Response: 6862  
Conc: 0.00 ng/ml



#9 Endosulfan I

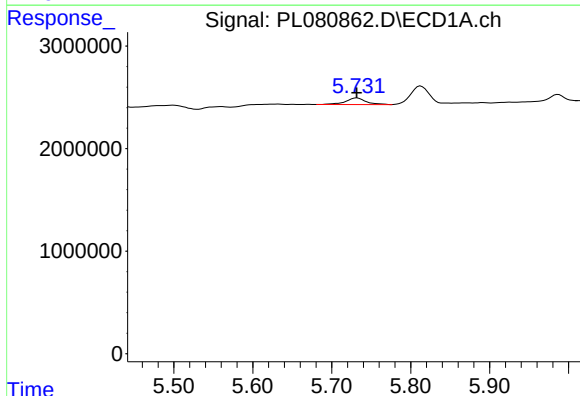
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



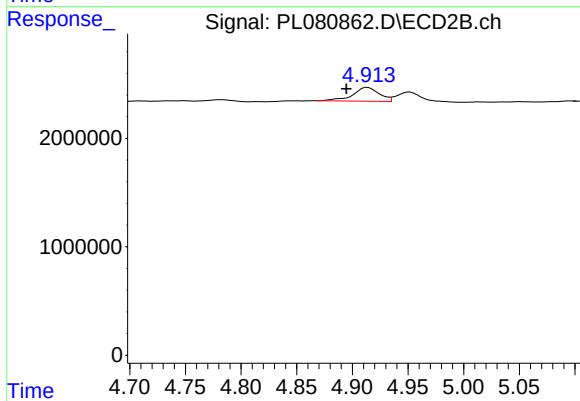
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: 0.002 min  
Response: 21684  
Conc: 0.01 ng/ml



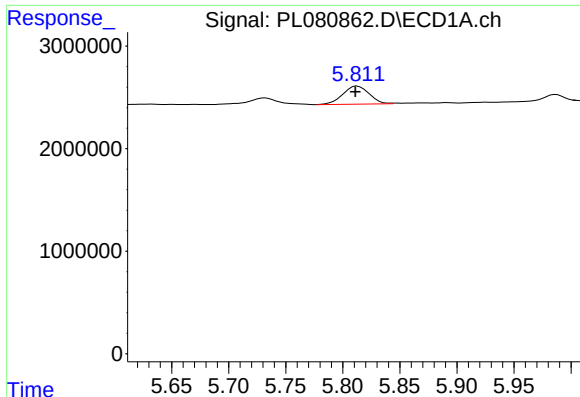
#10 gamma-Chlordane

R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 1128807  
Conc: 0.45 ng/ml



#10 gamma-Chlordane

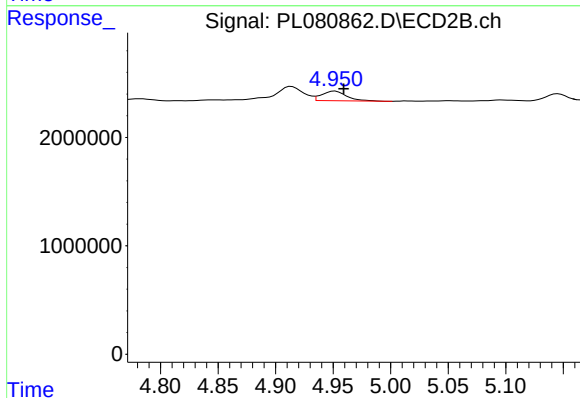
R.T.: 4.914 min  
Delta R.T.: 0.019 min  
Response: 2105888  
Conc: 0.74 ng/ml



#11 alpha-Chlordane

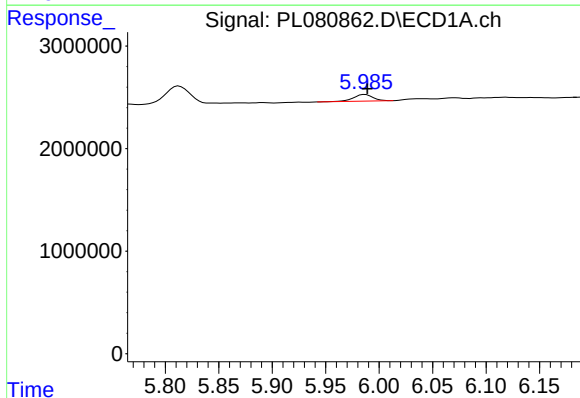
R.T.: 5.813 min  
Delta R.T.: 0.002 min  
Response: 2824845  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



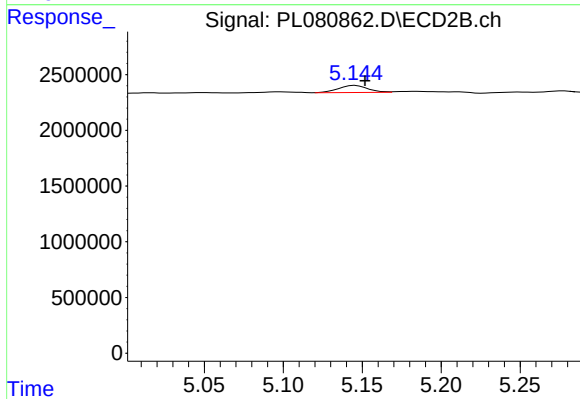
#11 alpha-Chlordane

R.T.: 4.952 min  
Delta R.T.: -0.008 min  
Response: 1342886  
Conc: 0.47 ng/ml



#12 4,4'-DDE

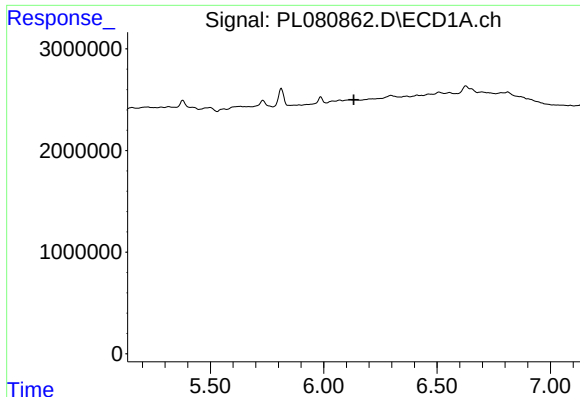
R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 801022  
Conc: 0.36 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 802973  
Conc: 0.34 ng/ml

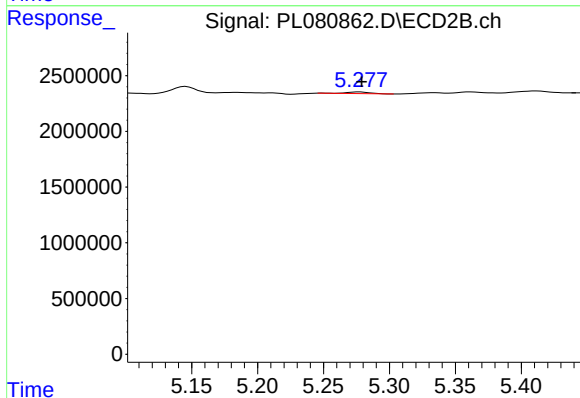




#13 Dieldrin

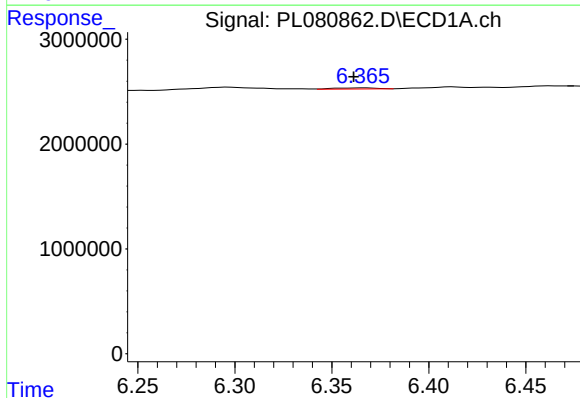
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



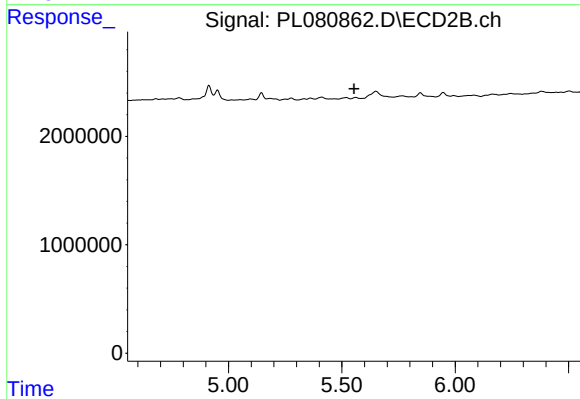
#13 Dieldrin

R.T.: 5.278 min  
Delta R.T.: -0.001 min  
Response: 188697  
Conc: 0.07 ng/ml



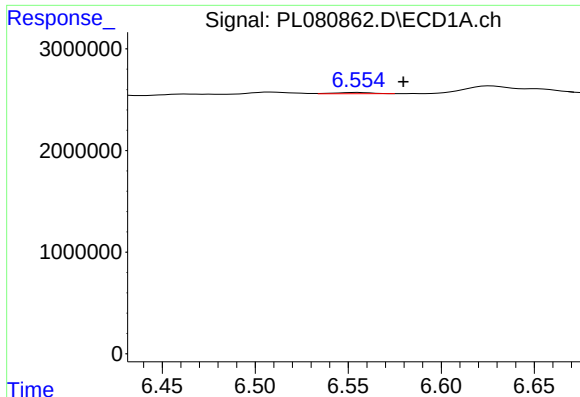
#14 Endrin

R.T.: 6.367 min  
Delta R.T.: 0.006 min  
Response: 153459  
Conc: 0.07 ng/ml



#14 Endrin

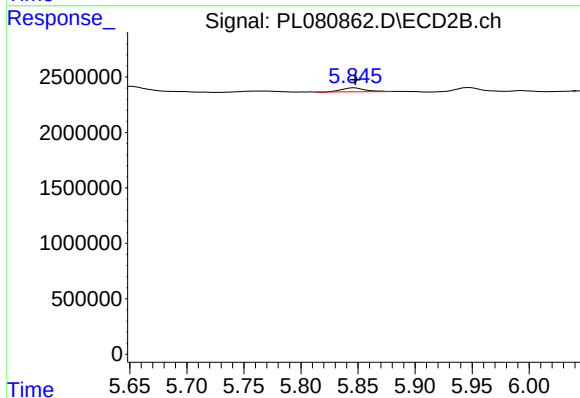
R.T.: 5.562 min  
Delta R.T.: 0.008 min  
Response: -8297  
Conc: N.D.



#15 Endosulfan II

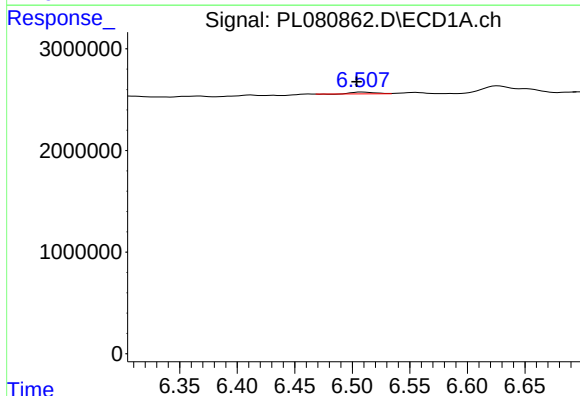
R.T.: 6.555 min  
Delta R.T.: -0.025 min  
Response: 176296  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



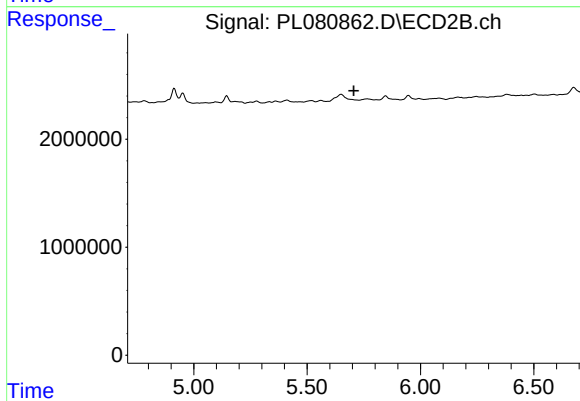
#15 Endosulfan II

R.T.: 5.847 min  
Delta R.T.: -0.001 min  
Response: 493048  
Conc: 0.24 ng/ml



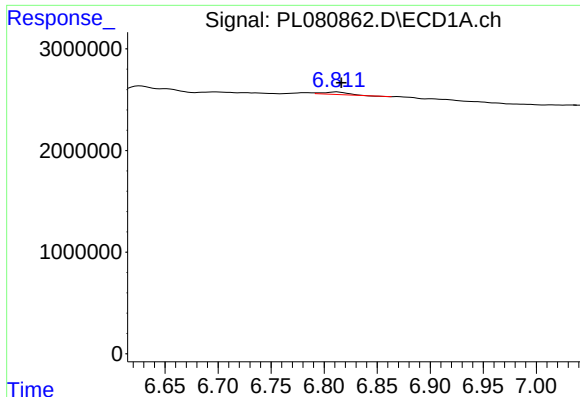
#16 4,4'-DDD

R.T.: 6.509 min  
Delta R.T.: 0.005 min  
Response: 253406  
Conc: 0.14 ng/ml



#16 4,4'-DDD

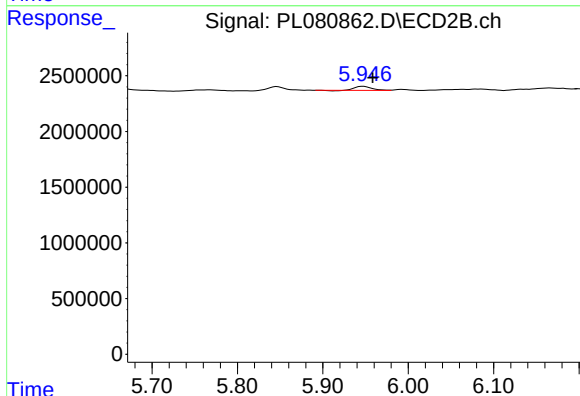
R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

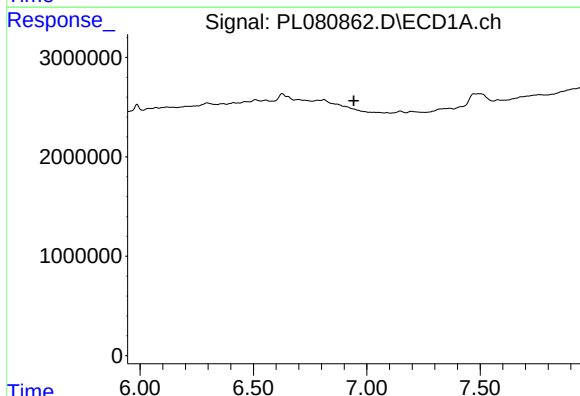
R.T.: 6.813 min  
Delta R.T.: -0.004 min  
Response: 395406  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



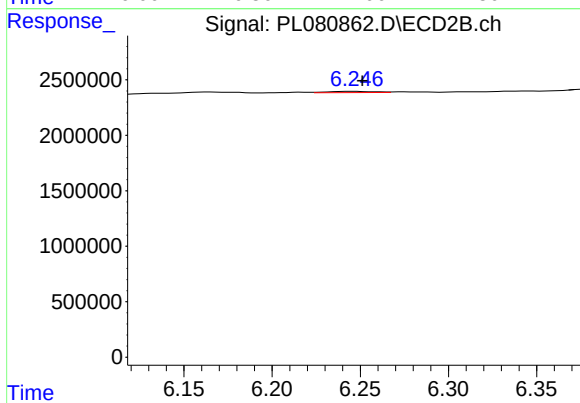
#17 4,4'-DDT

R.T.: 5.948 min  
Delta R.T.: -0.011 min  
Response: 483353  
Conc: 0.23 ng/ml



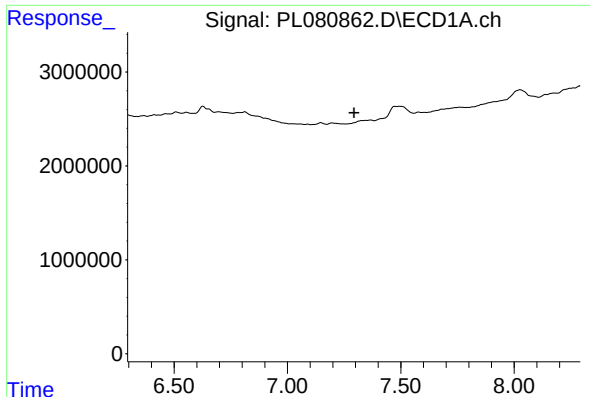
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

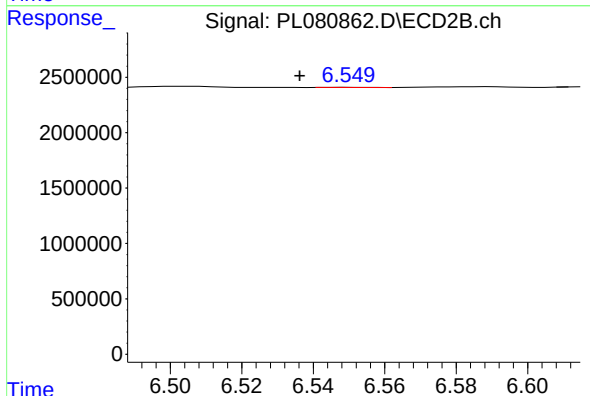
R.T.: 6.247 min  
Delta R.T.: -0.004 min  
Response: 186174  
Conc: 0.08 ng/ml



#20 Methoxychlor

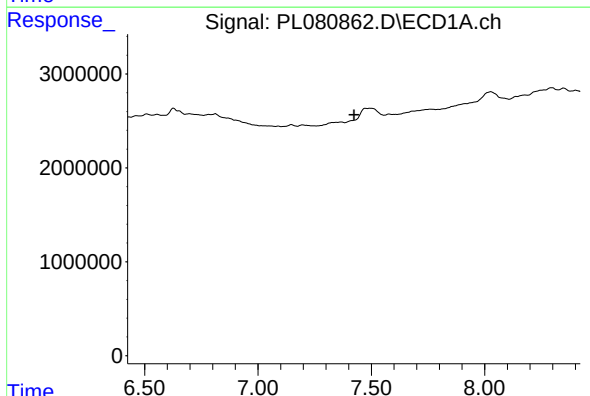
R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



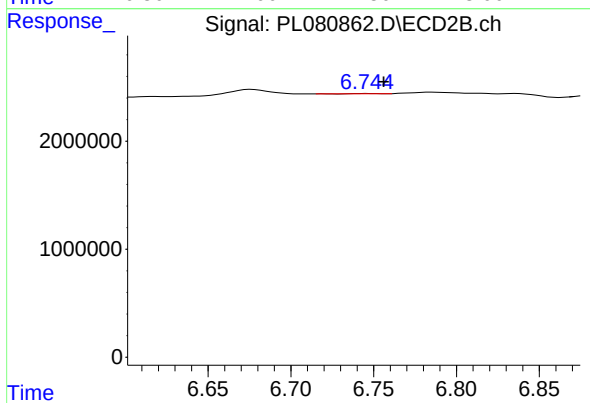
#20 Methoxychlor

R.T.: 6.551 min  
Delta R.T.: 0.015 min  
Response: 11778  
Conc: 0.01 ng/ml



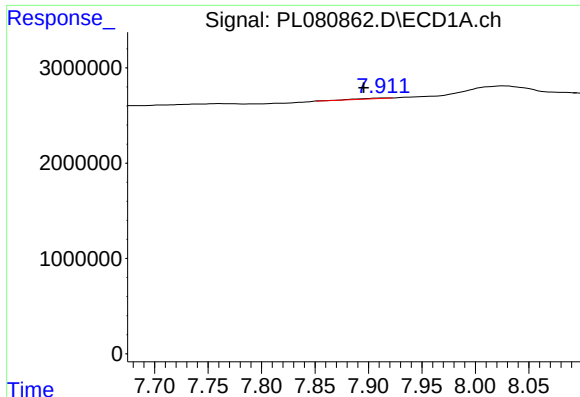
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.424 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

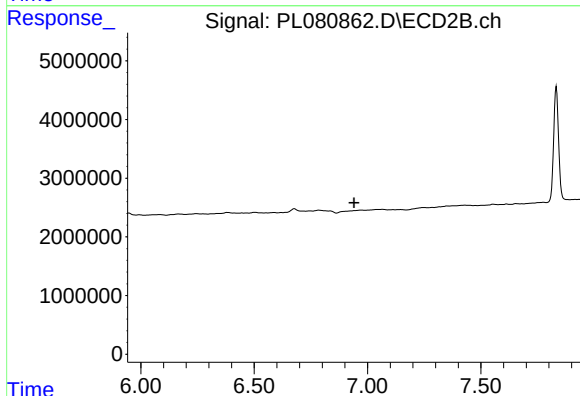
R.T.: 6.746 min  
Delta R.T.: -0.010 min  
Response: 18901  
Conc: 0.01 ng/ml



#22 Mirex

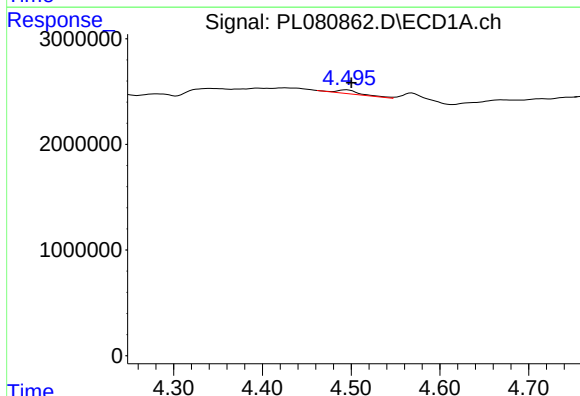
R.T.: 7.917 min  
Delta R.T.: 0.021 min  
Response: 117688  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



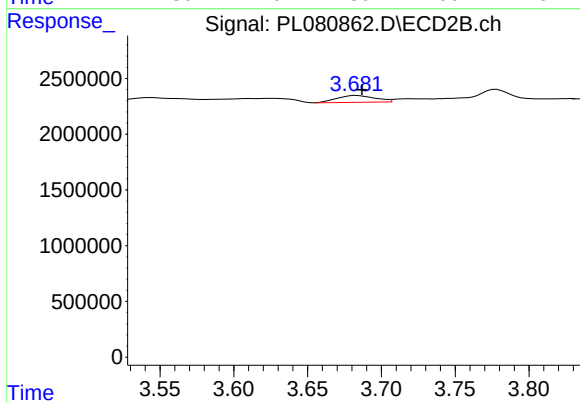
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.940 min  
Response: 0  
Conc: N.D.



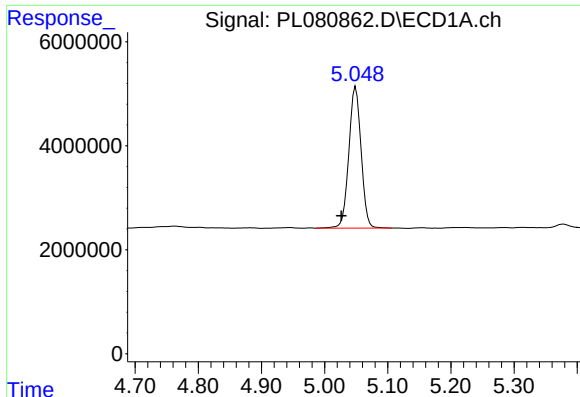
#23 Chlordane-1

R.T.: 4.495 min  
Delta R.T.: -0.005 min  
Response: 688174  
Conc: 8.08 ng/ml



#23 Chlordane-1

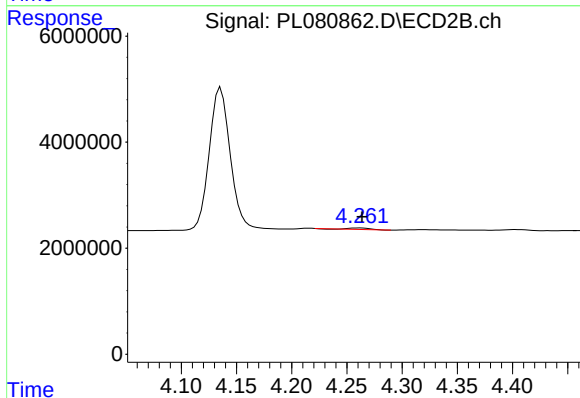
R.T.: 3.683 min  
Delta R.T.: -0.004 min  
Response: 1086221  
Conc: 13.34 ng/ml



#24 Chlordane-2

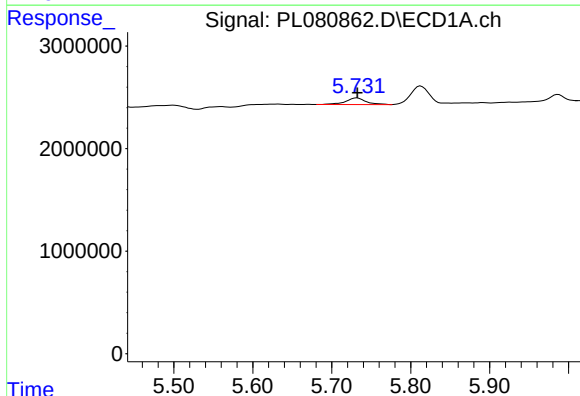
R.T.: 5.049 min  
Delta R.T.: 0.023 min  
Response: 36731005  
Conc: 380.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



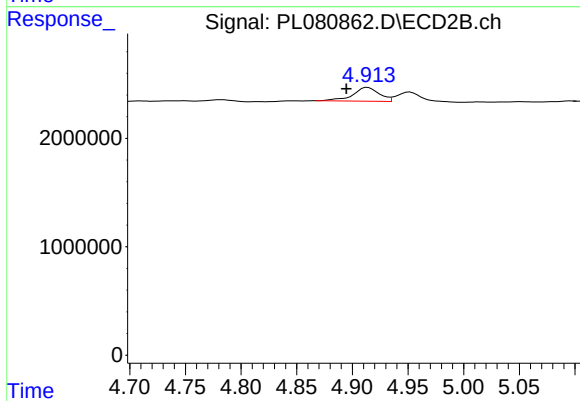
#24 Chlordane-2

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 359357  
Conc: 3.99 ng/ml



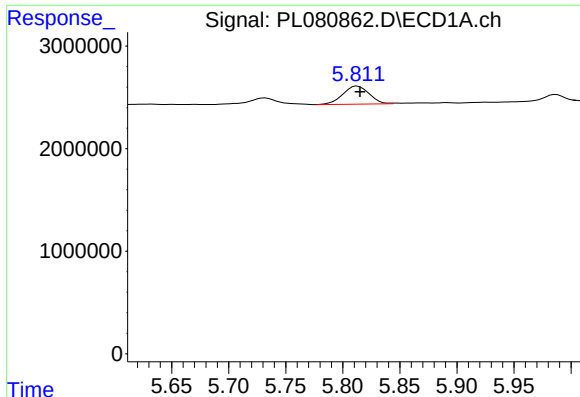
#25 Chlordane-3

R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 1128807  
Conc: 3.34 ng/ml



#25 Chlordane-3

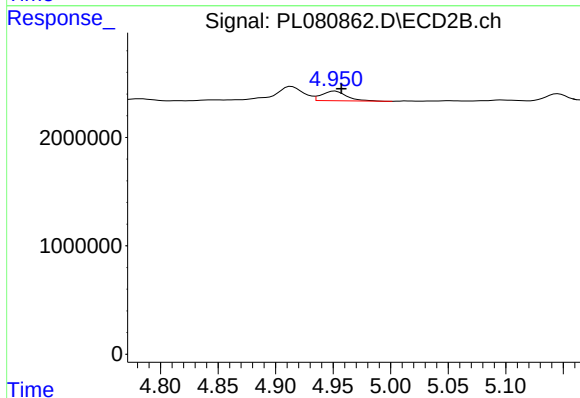
R.T.: 4.914 min  
Delta R.T.: 0.019 min  
Response: 2105888  
Conc: 7.98 ng/ml



#26 Chlordane-4

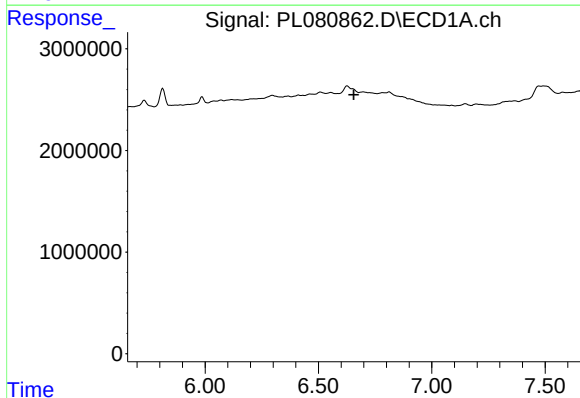
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 2824845  
Conc: 6.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



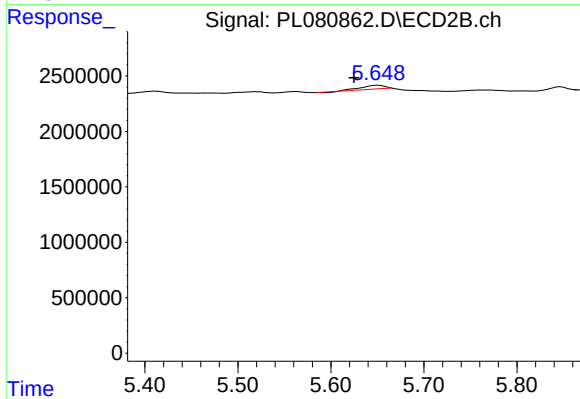
#26 Chlordane-4

R.T.: 4.952 min  
Delta R.T.: -0.006 min  
Response: 1342886  
Conc: 4.99 ng/ml



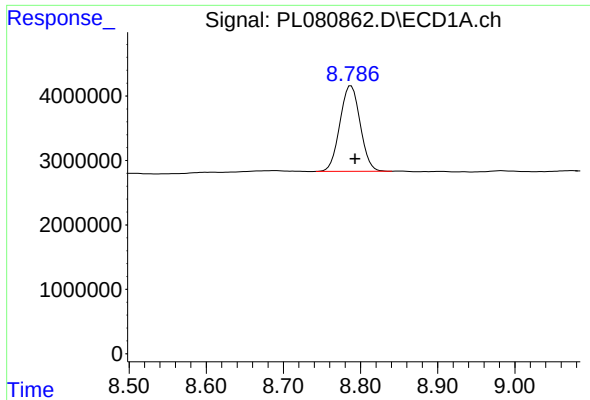
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.656 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

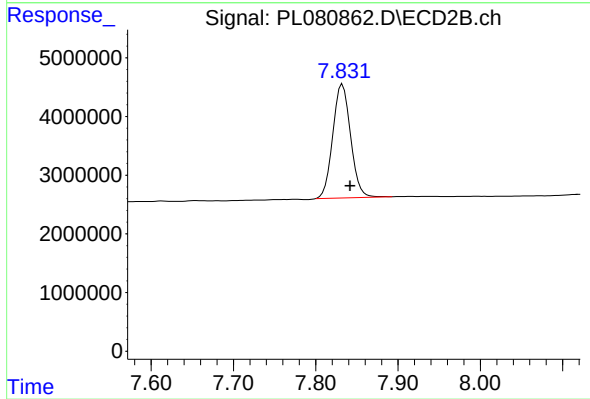
R.T.: 5.650 min  
Delta R.T.: 0.025 min  
Response: 570350  
Conc: 8.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.005 min  
Response: 24208740  
Conc: 13.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.009 min  
Response: 29173503  
Conc: 12.24 ng/ml