

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010623\  
 Data File : PL080151.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jan 2023 15:06  
 Operator : AR\AJ  
 Sample : 01025-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 06 21:04:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 05:11:24 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... | 3.372  | 2.692  | 35727755 | 39629474 | 17.961 | 17.429    |
| 28)                         | SA Decachlor... | 8.890  | 7.845  | 30780494 | 38144427 | 17.940 | 16.883    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.829  | 3.190  | 1287966  | 908723   | 0.451  | 0.271 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.500f | 0        | 13907811 | N.D.   | 4.535 #   |
| 5)                          | MB Aldrin       | 5.068  | 4.148  | 3192475  | 21016734 | 1.609  | 7.122 #   |
| 6)                          | B beta-BHC      | 4.353  | 0.000  | 848873   | 0        | 0.927  | N.D. #    |
| 7)                          | B delta-BHC     | 4.576f | 4.075f | 1361943  | 4144711  | 0.678  | 1.410 #   |
| 8)                          | B Heptachlo...  | 5.516  | 4.642  | 3668779  | 3460826  | 2.016  | 1.263 #   |
| 9)                          | A Endosulfan I  | 5.895  | 5.030  | 5726086  | 1405782  | 3.337  | 0.543 #   |
| 10)                         | B gamma-Chl...  | 5.746f | 4.920f | 8094908  | 5791392  | 4.487  | 2.075 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.963  | 0        | 6140271  | N.D.   | 2.198 #   |
| 12)                         | B 4,4'-DDE      | 6.022  | 5.148  | 431706   | 71595    | 0.274  | 0.031 #   |
| 13)                         | MA Dieldrin     | 6.148f | 5.273  | 2425292  | 2708123  | 1.417  | 1.035 #   |
| 14)                         | MA Endrin       | 6.409  | 5.577f | 2432009  | 2276851  | 1.586  | 1.012 #   |
| 15)                         | B Endosulfa...  | 6.610  | 5.853  | 1329998  | 178131   | 0.864  | 0.082 #   |
| 16)                         | A 4,4'-DDD      | 6.547  | 5.740f | 426163   | 640226   | 0.324  | 0.347     |
| 17)                         | MA 4,4'-DDT     | 6.879  | 0.000  | 662174   | 0        | 0.443  | N.D. #    |
| 18)                         | B Endrin al...  | 6.756  | 6.004f | 616757   | 4483649  | 0.508  | 2.554 #   |
| 19)                         | B Endosulfa...  | 7.015f | 6.278f | 87271    | 906686   | 0.053  | 0.408 #   |
| 20)                         | A Methoxychlor  | 7.358  | 6.538  | 4250764  | 352971   | 4.780  | 0.308 #   |
| 21)                         | B Endrin ke...  | 7.458f | 0.000  | 2166221  | 0        | 1.217  | N.D. #    |
| 22)                         | Mirex           | 7.923f | 6.955  | 771320   | 3056894  | 0.497  | 1.481 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.703  | 0        | 11049292 | N.D.   | 141.937 # |
| 24)                         | Chlordane-2     | 5.068  | 0.000  | 3192475  | 0        | 44.189 | N.D. #    |
| 25)                         | Chlordane-3     | 5.746f | 4.920f | 8094908  | 5791392  | 32.359 | 22.138 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.963  | 0        | 6140271  | N.D.   | 23.331 #  |
| 27)                         | Chlordane-5     | 6.701  | 5.662f | 2781215  | 3064507  | 43.482 | 41.655    |
| -----                       |                 |        |        |          |          |        |           |

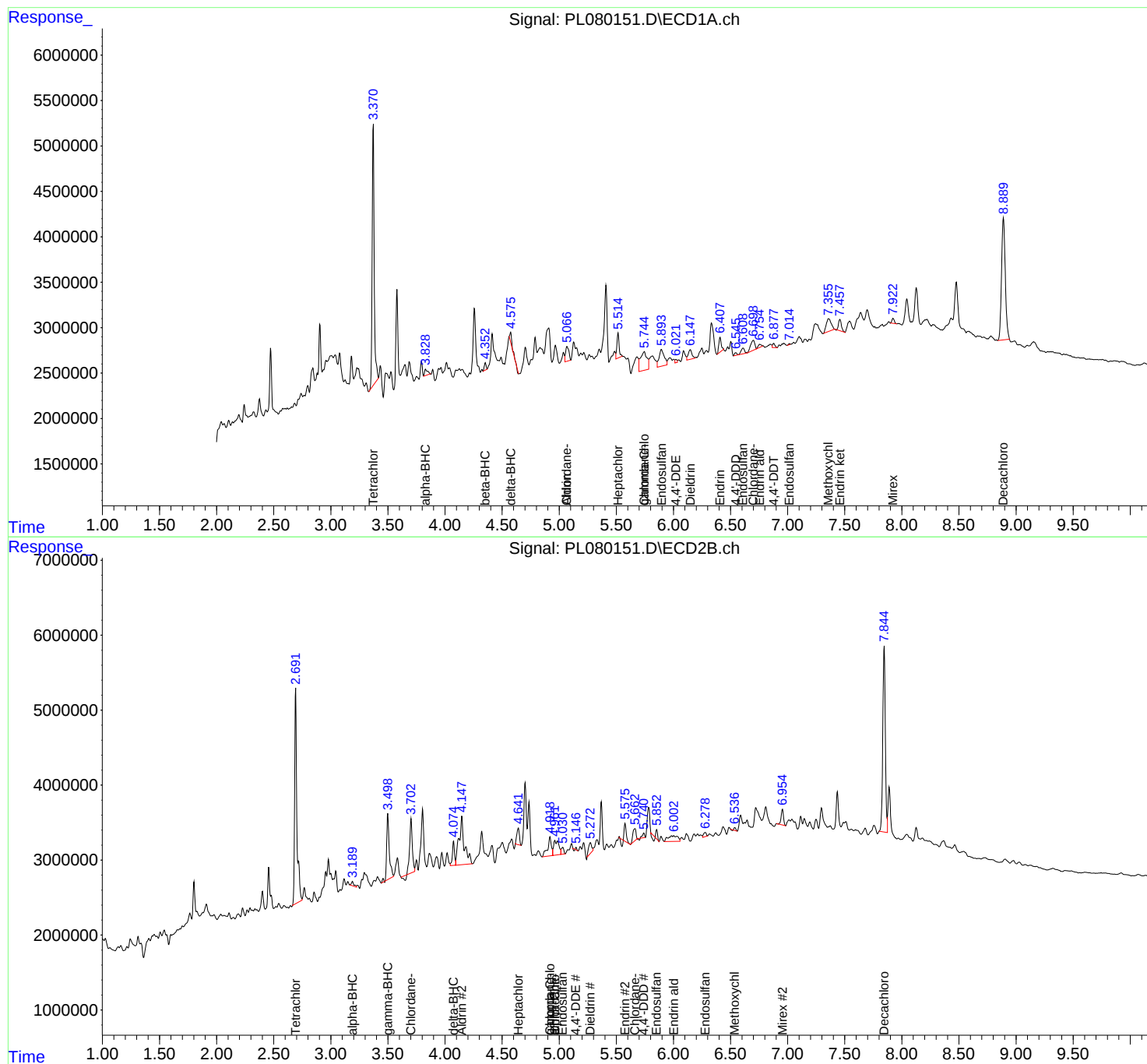
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

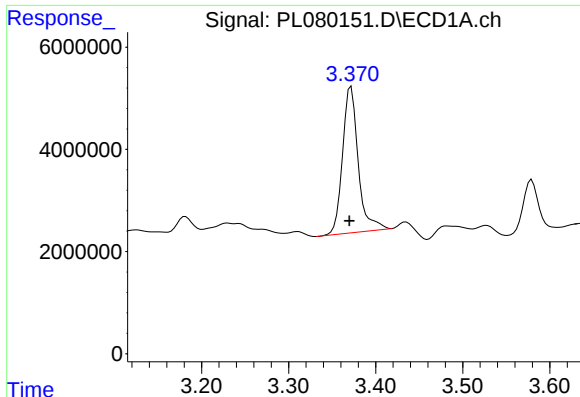
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010623\  
Data File : PL080151.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jan 2023 15:06  
Operator : AR\AJ  
Sample : 01025-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 06 21:04:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 05:11:24 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

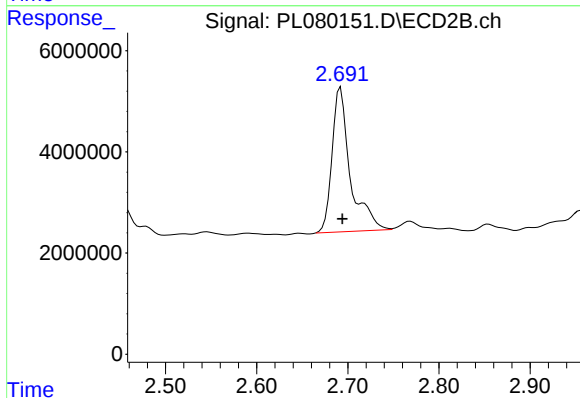




#1 Tetrachloro-m-xylene

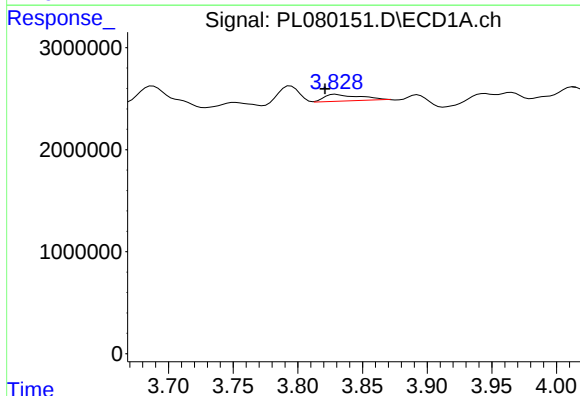
R.T.: 3.372 min  
Delta R.T.: 0.002 min  
Response: 35727755  
Conc: 17.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



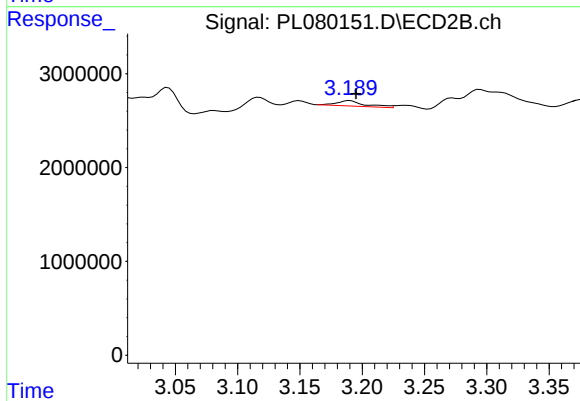
#1 Tetrachloro-m-xylene

R.T.: 2.692 min  
Delta R.T.: -0.002 min  
Response: 39629474  
Conc: 17.43 ng/ml



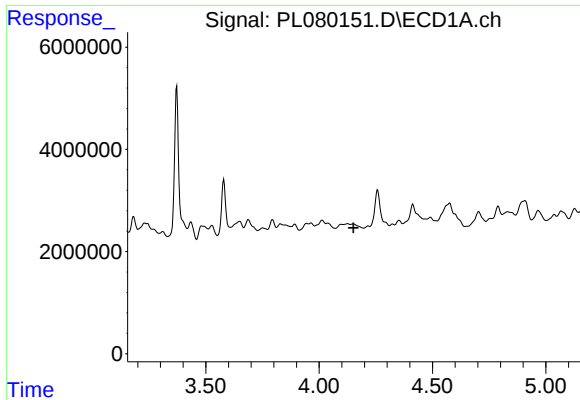
#2 alpha-BHC

R.T.: 3.829 min  
Delta R.T.: 0.008 min  
Response: 1287966  
Conc: 0.45 ng/ml



#2 alpha-BHC

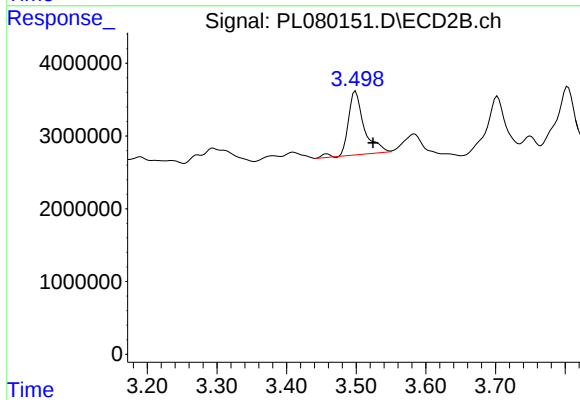
R.T.: 3.190 min  
Delta R.T.: -0.005 min  
Response: 908723  
Conc: 0.27 ng/ml



#3 gamma-BHC (Lindane)

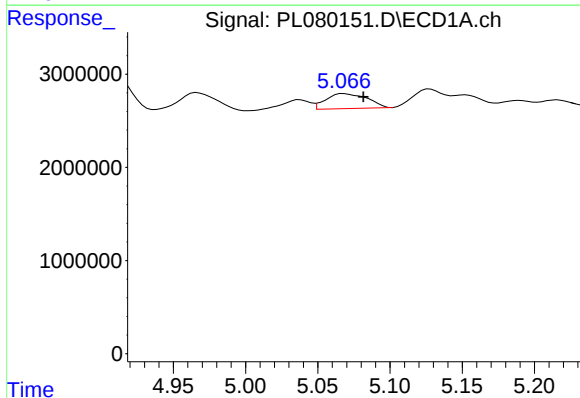
R.T.: 0.000 min  
Exp R.T.: 4.152 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



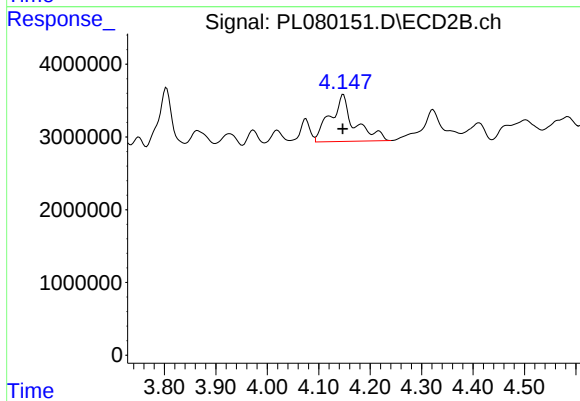
#3 gamma-BHC (Lindane)

R.T.: 3.500 min  
Delta R.T.: -0.024 min  
Response: 13907811  
Conc: 4.54 ng/ml



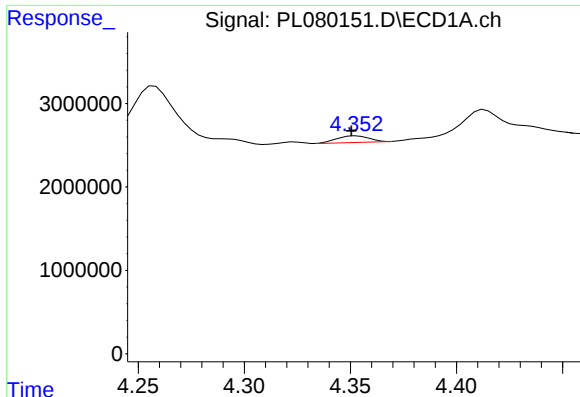
#5 Aldrin

R.T.: 5.068 min  
Delta R.T.: -0.014 min  
Response: 3192475  
Conc: 1.61 ng/ml



#5 Aldrin

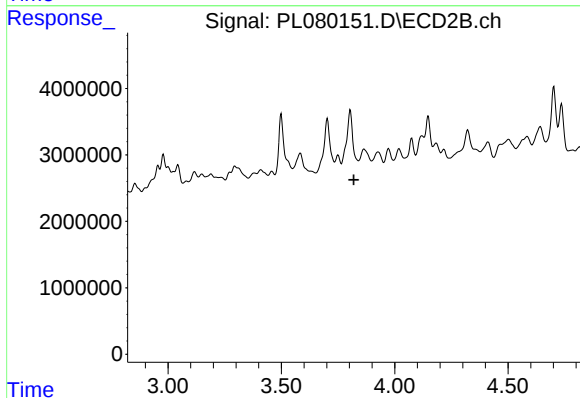
R.T.: 4.148 min  
Delta R.T.: 0.000 min  
Response: 21016734  
Conc: 7.12 ng/ml



#6 beta-BHC

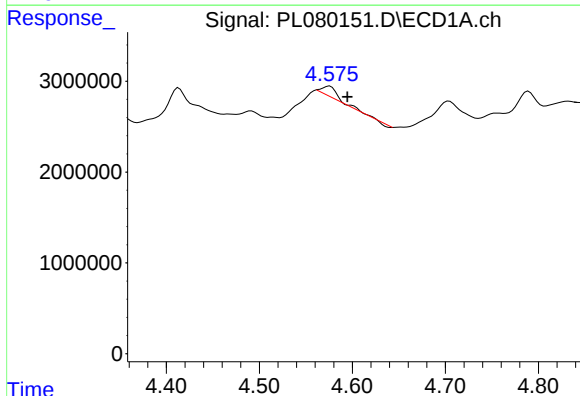
R.T.: 4.353 min  
Delta R.T.: 0.002 min  
Response: 848873  
Conc: 0.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



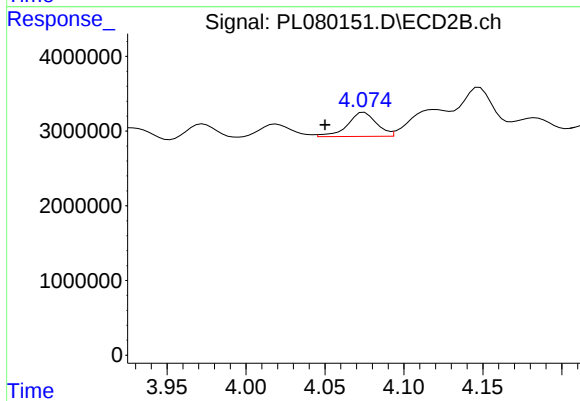
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.820 min  
Response: 0  
Conc: N.D.



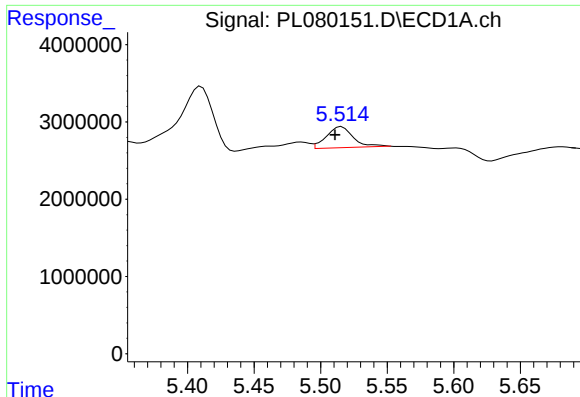
#7 delta-BHC

R.T.: 4.576 min  
Delta R.T.: -0.019 min  
Response: 1361943  
Conc: 0.68 ng/ml



#7 delta-BHC

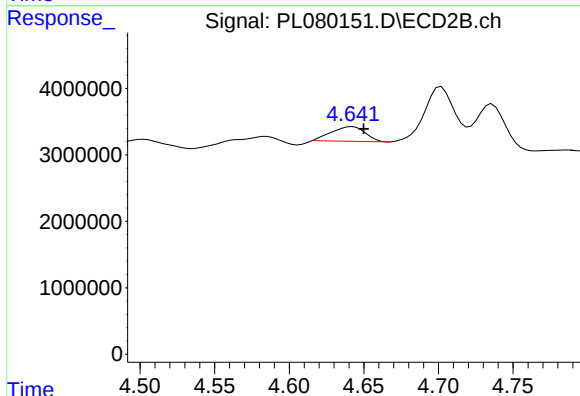
R.T.: 4.075 min  
Delta R.T.: 0.025 min  
Response: 4144711  
Conc: 1.41 ng/ml



#8 Heptachlor epoxide

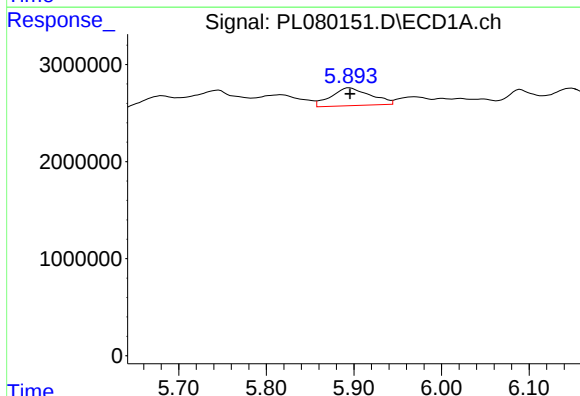
R.T.: 5.516 min  
Delta R.T.: 0.005 min  
Response: 3668779  
Conc: 2.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



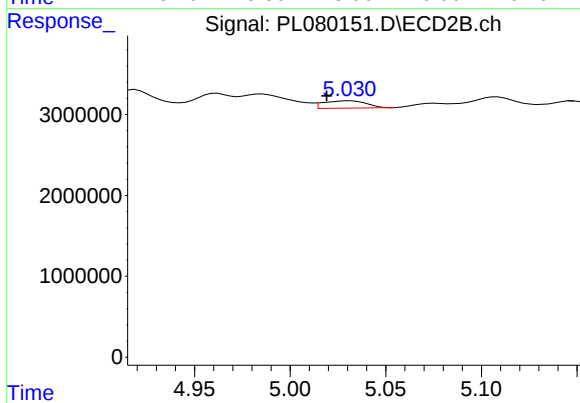
#8 Heptachlor epoxide

R.T.: 4.642 min  
Delta R.T.: -0.008 min  
Response: 3460826  
Conc: 1.26 ng/ml



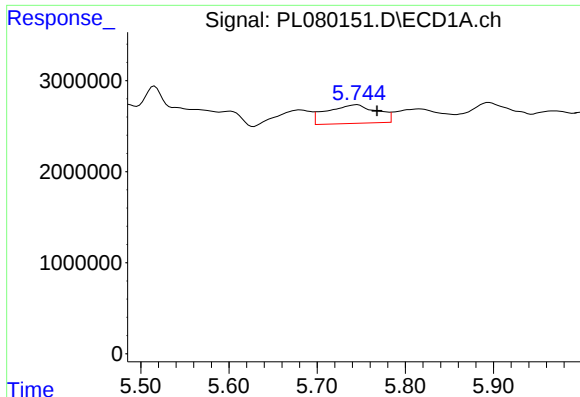
#9 Endosulfan I

R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 5726086  
Conc: 3.34 ng/ml



#9 Endosulfan I

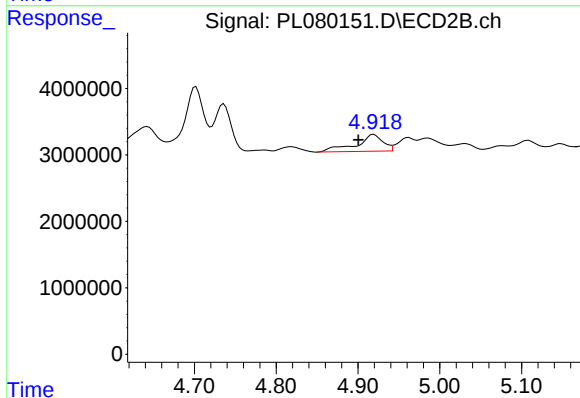
R.T.: 5.030 min  
Delta R.T.: 0.011 min  
Response: 1405782  
Conc: 0.54 ng/ml



#10 gamma-Chlordane

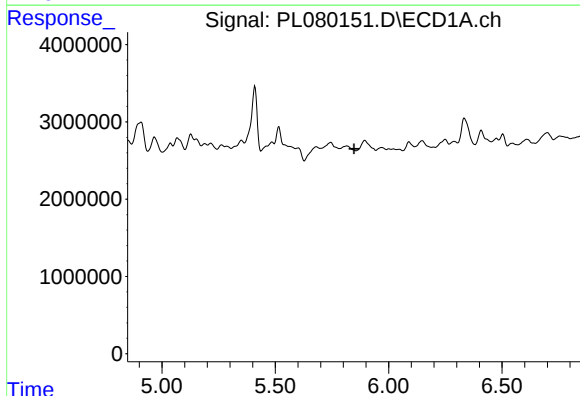
R.T.: 5.746 min  
Delta R.T.: -0.022 min  
Response: 8094908  
Conc: 4.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



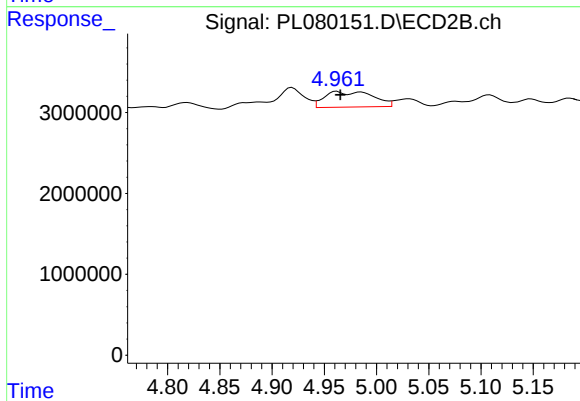
#10 gamma-Chlordane

R.T.: 4.920 min  
Delta R.T.: 0.019 min  
Response: 5791392  
Conc: 2.07 ng/ml



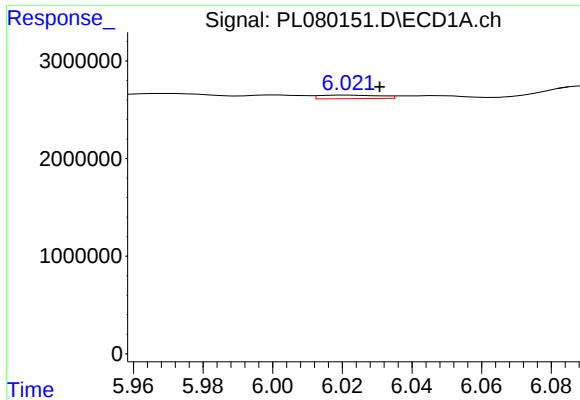
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

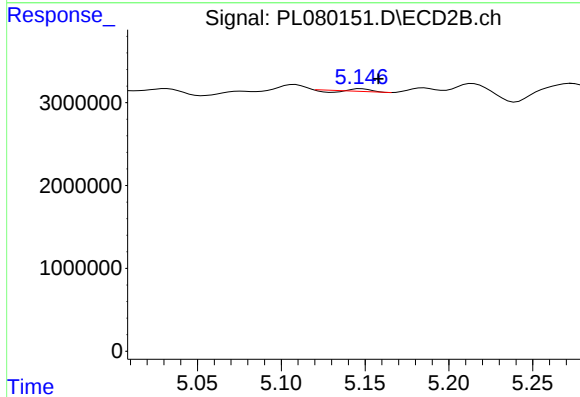
R.T.: 4.963 min  
Delta R.T.: -0.003 min  
Response: 6140271  
Conc: 2.20 ng/ml



#12 4,4'-DDE

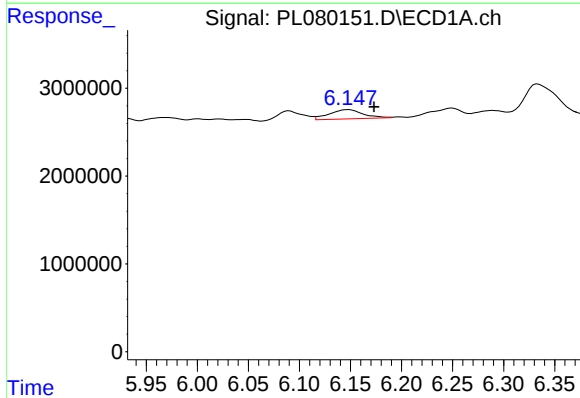
R.T.: 6.022 min  
Delta R.T.: -0.008 min  
Response: 431706  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



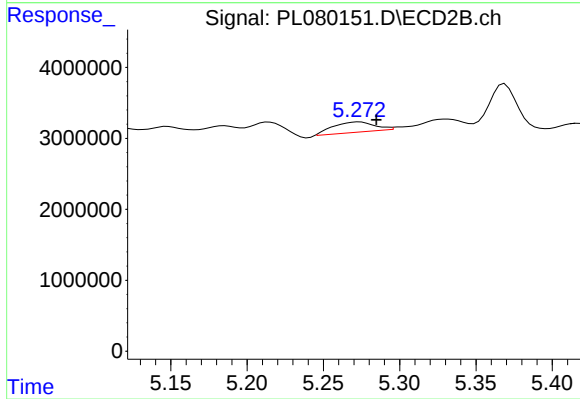
#12 4,4'-DDE

R.T.: 5.148 min  
Delta R.T.: -0.010 min  
Response: 71595  
Conc: 0.03 ng/ml



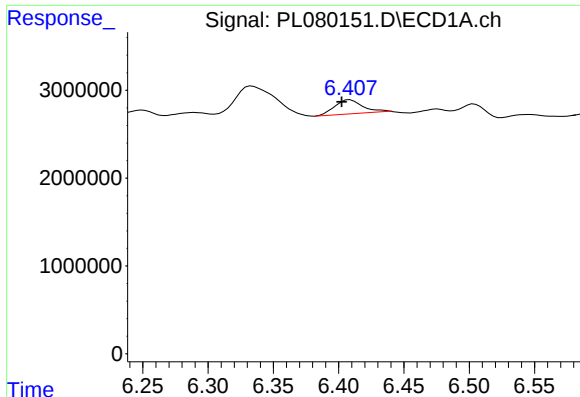
#13 Dieldrin

R.T.: 6.148 min  
Delta R.T.: -0.025 min  
Response: 2425292  
Conc: 1.42 ng/ml



#13 Dieldrin

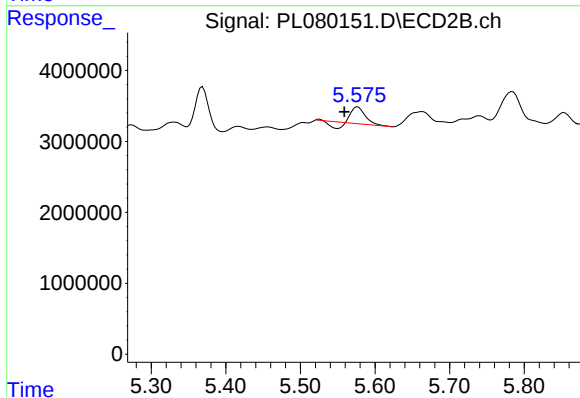
R.T.: 5.273 min  
Delta R.T.: -0.012 min  
Response: 2708123  
Conc: 1.04 ng/ml



#14 Endrin

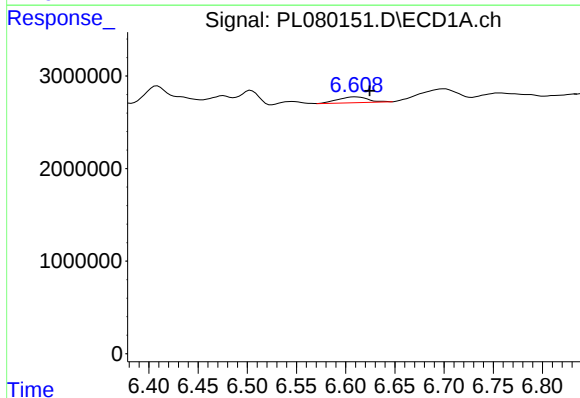
R.T.: 6.409 min  
Delta R.T.: 0.006 min  
Response: 2432009  
Conc: 1.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



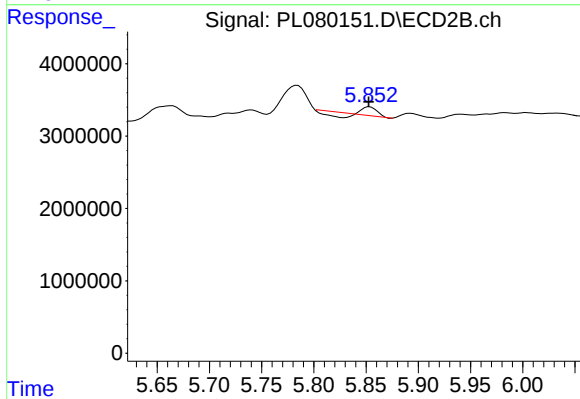
#14 Endrin

R.T.: 5.577 min  
Delta R.T.: 0.018 min  
Response: 2276851  
Conc: 1.01 ng/ml



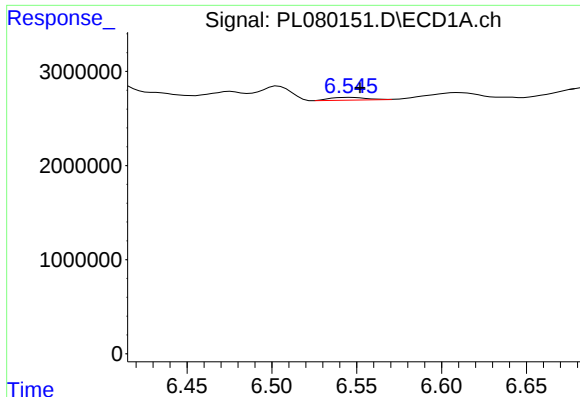
#15 Endosulfan II

R.T.: 6.610 min  
Delta R.T.: -0.014 min  
Response: 1329998  
Conc: 0.86 ng/ml



#15 Endosulfan II

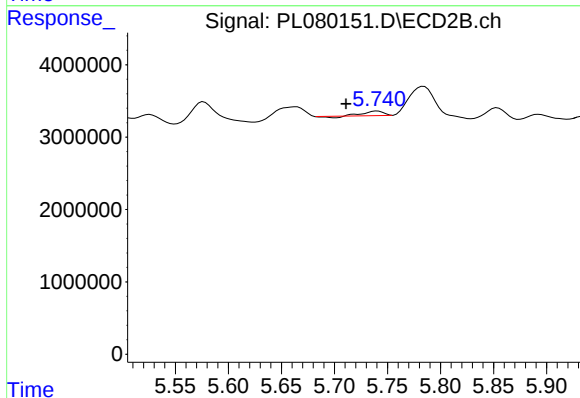
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 178131  
Conc: 0.08 ng/ml



#16 4,4'-DDD

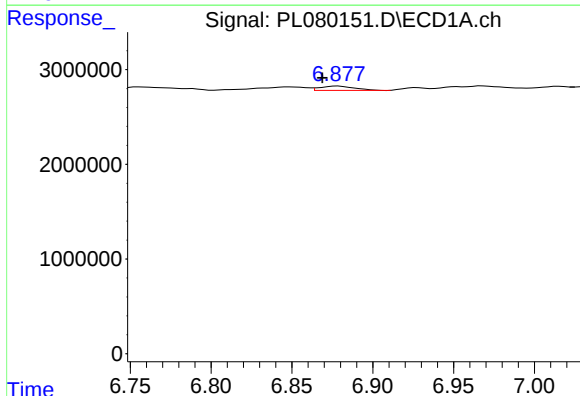
R.T.: 6.547 min  
Delta R.T.: -0.005 min  
Response: 426163  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



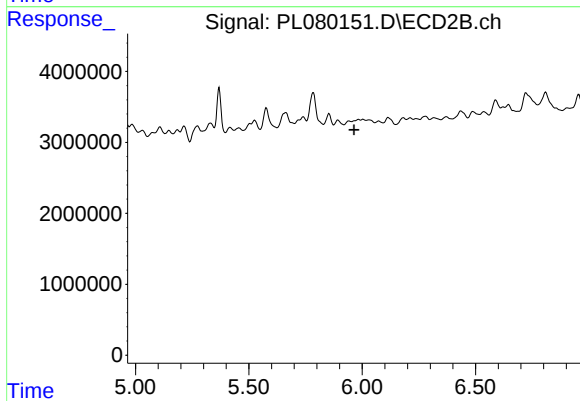
#16 4,4'-DDD

R.T.: 5.740 min  
Delta R.T.: 0.029 min  
Response: 640226  
Conc: 0.35 ng/ml



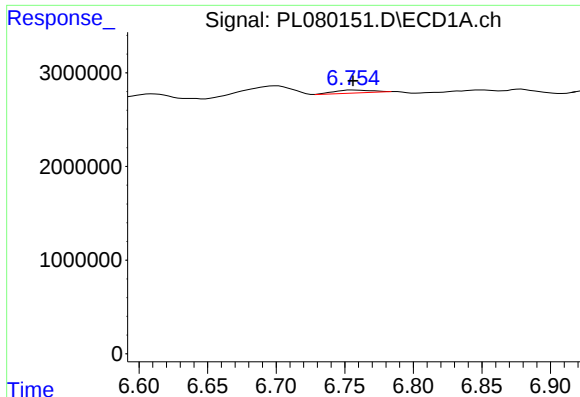
#17 4,4'-DDT

R.T.: 6.879 min  
Delta R.T.: 0.010 min  
Response: 662174  
Conc: 0.44 ng/ml



#17 4,4'-DDT

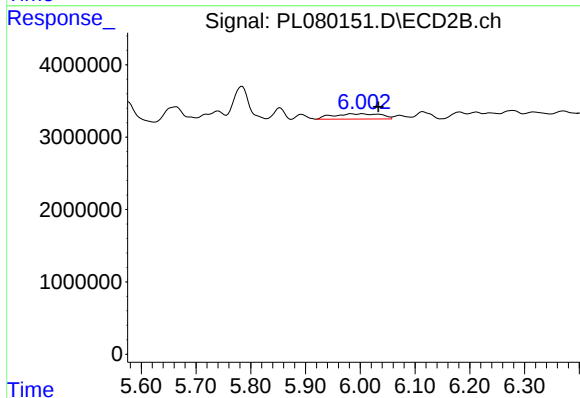
R.T.: 0.000 min  
Exp R.T. : 5.964 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

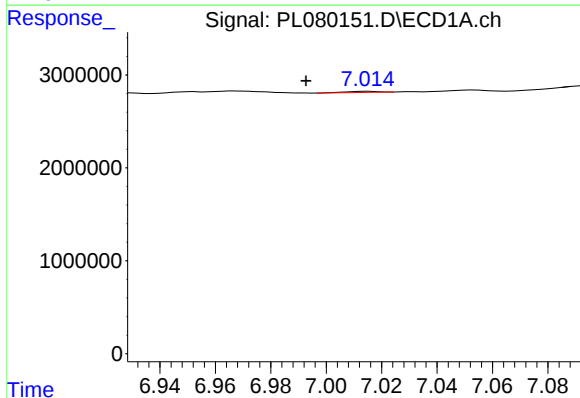
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 616757  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



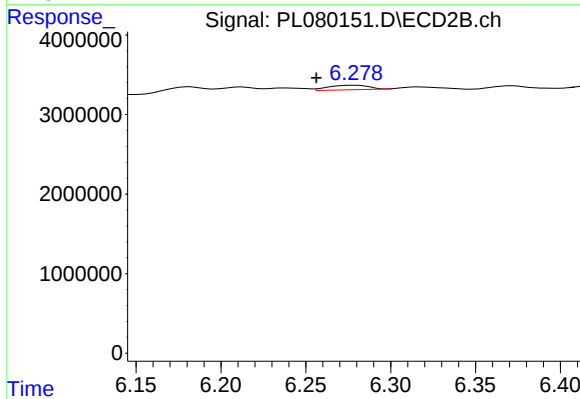
#18 Endrin aldehyde

R.T.: 6.004 min  
Delta R.T.: -0.029 min  
Response: 4483649  
Conc: 2.55 ng/ml



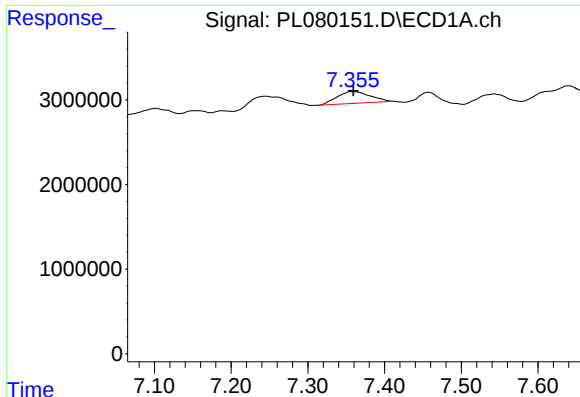
#19 Endosulfan Sulfate

R.T.: 7.015 min  
Delta R.T.: 0.023 min  
Response: 87271  
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

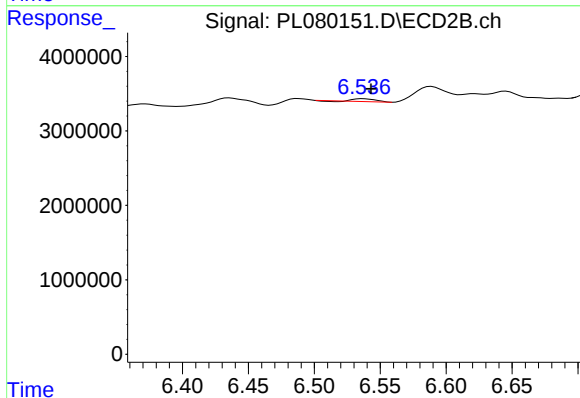
R.T.: 6.278 min  
Delta R.T.: 0.022 min  
Response: 906686  
Conc: 0.41 ng/ml



#20 Methoxychlor

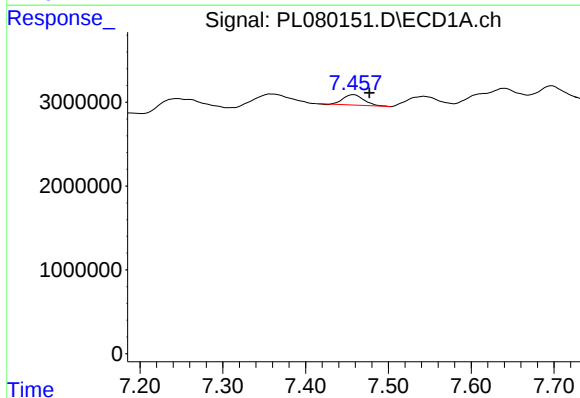
R.T.: 7.358 min  
Delta R.T.: -0.001 min  
Response: 4250764  
Conc: 4.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



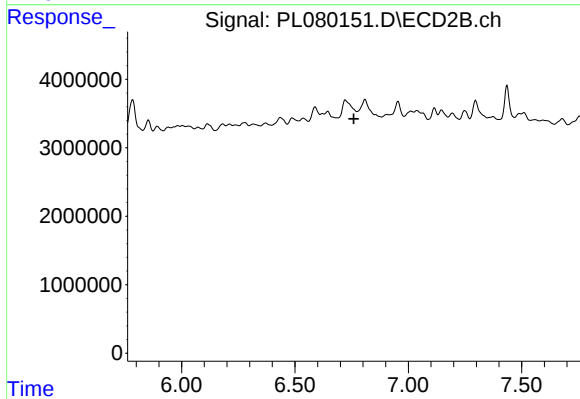
#20 Methoxychlor

R.T.: 6.538 min  
Delta R.T.: -0.005 min  
Response: 352971  
Conc: 0.31 ng/ml



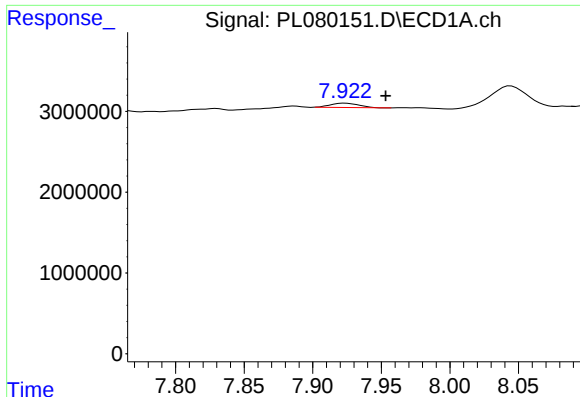
#21 Endrin ketone

R.T.: 7.458 min  
Delta R.T.: -0.019 min  
Response: 2166221  
Conc: 1.22 ng/ml



#21 Endrin ketone

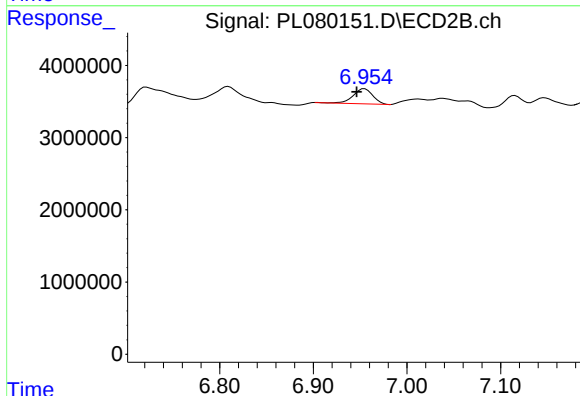
R.T.: 0.000 min  
Exp R.T.: 6.760 min  
Response: 0  
Conc: N.D.



#22 Mirex

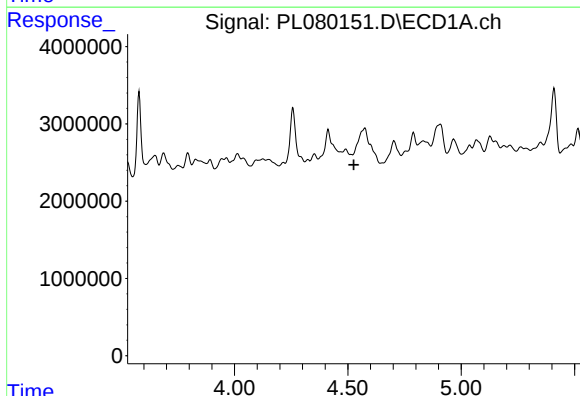
R.T.: 7.923 min  
Delta R.T.: -0.030 min  
Response: 771320  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



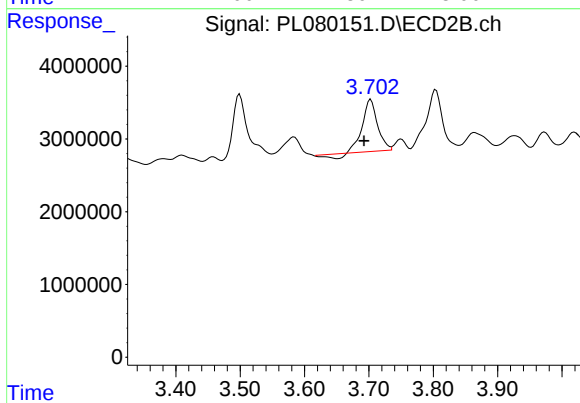
#22 Mirex

R.T.: 6.955 min  
Delta R.T.: 0.008 min  
Response: 3056894  
Conc: 1.48 ng/ml



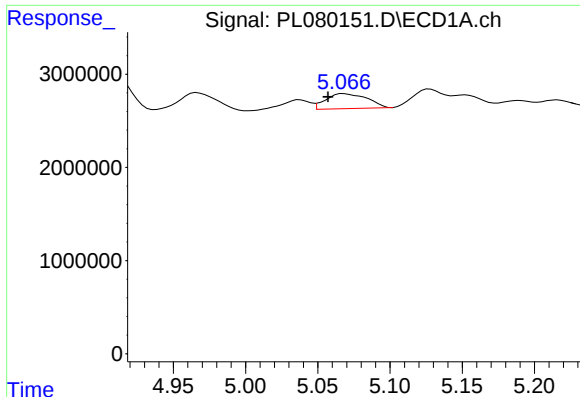
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.526 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

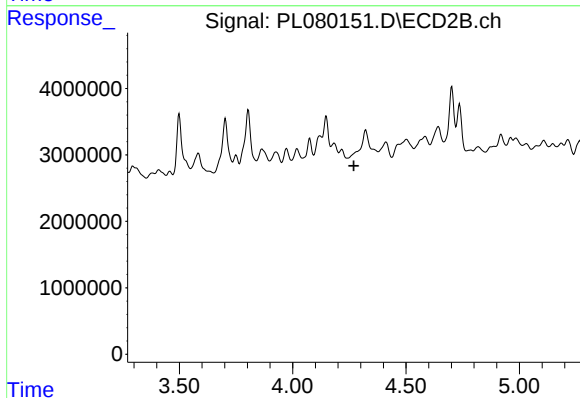
R.T.: 3.703 min  
Delta R.T.: 0.011 min  
Response: 11049292  
Conc: 141.94 ng/ml



#24 Chlordane-2

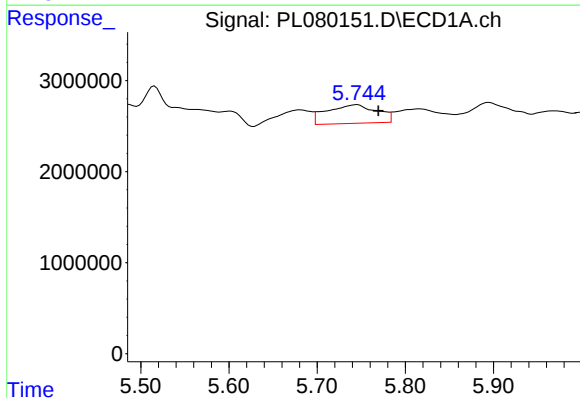
R.T.: 5.068 min  
Delta R.T.: 0.011 min  
Response: 3192475  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



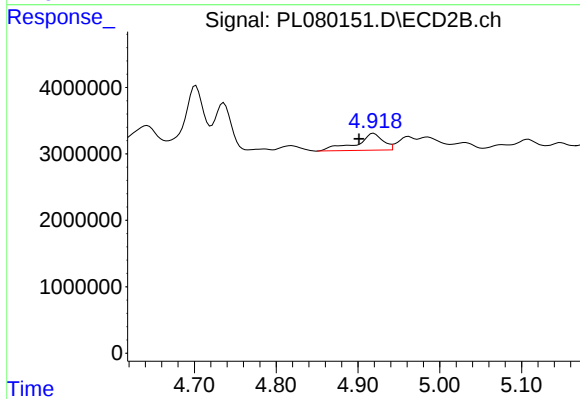
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.270 min  
Response: 0  
Conc: N.D.



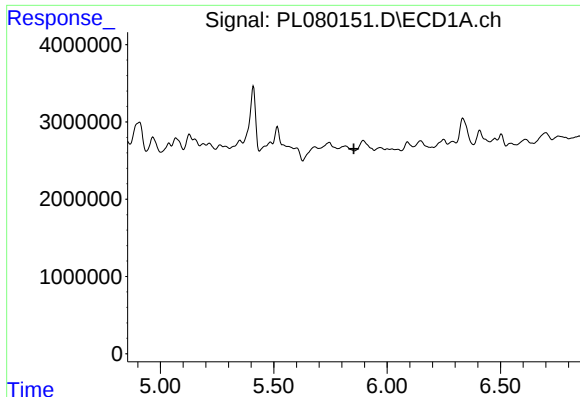
#25 Chlordane-3

R.T.: 5.746 min  
Delta R.T.: -0.024 min  
Response: 8094908  
Conc: 32.36 ng/ml



#25 Chlordane-3

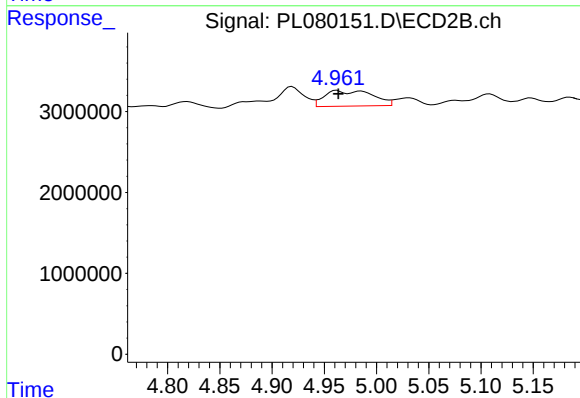
R.T.: 4.920 min  
Delta R.T.: 0.018 min  
Response: 5791392  
Conc: 22.14 ng/ml



#26 Chlordane-4

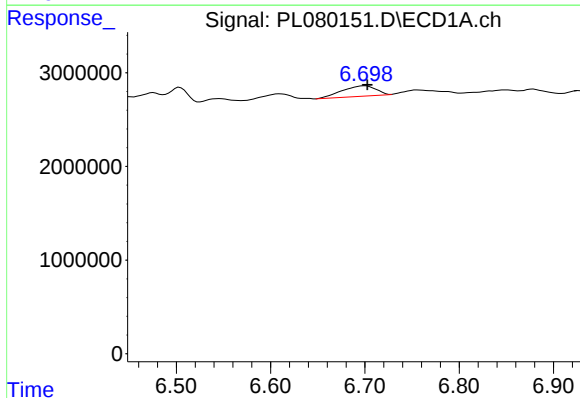
R.T.: 0.000 min  
Exp R.T.: 5.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



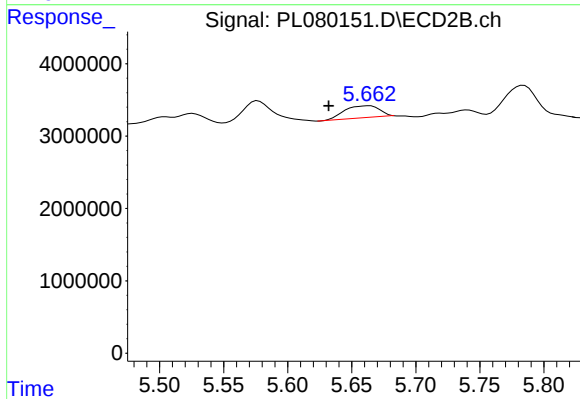
#26 Chlordane-4

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 6140271  
Conc: 23.33 ng/ml



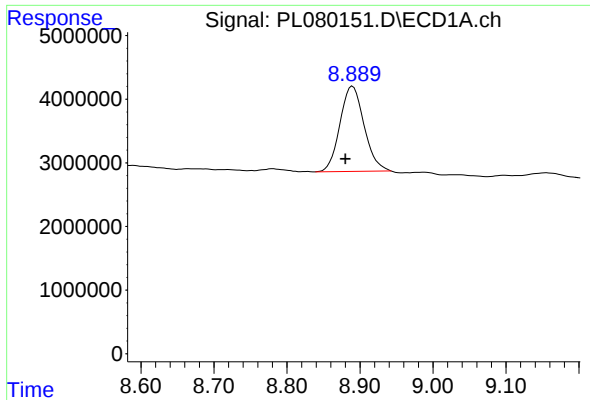
#27 Chlordane-5

R.T.: 6.701 min  
Delta R.T.: -0.002 min  
Response: 2781215  
Conc: 43.48 ng/ml



#27 Chlordane-5

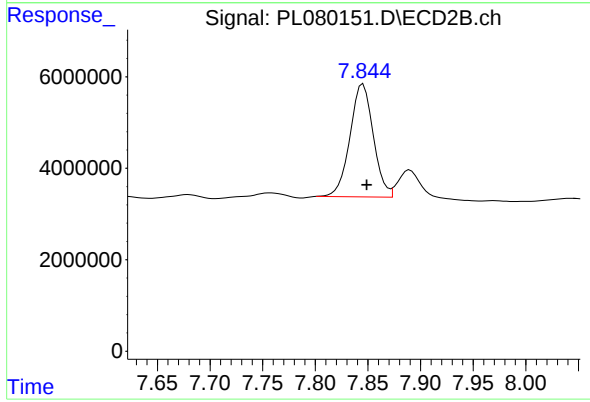
R.T.: 5.662 min  
Delta R.T.: 0.030 min  
Response: 3064507  
Conc: 41.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.890 min  
Delta R.T.: 0.010 min  
Response: 30780494  
Conc: 17.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.845 min  
Delta R.T.: -0.004 min  
Response: 38144427  
Conc: 16.88 ng/ml