

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110722\  
 Data File : PL078847.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2022 10:10  
 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: Nov 08 02:08:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.329  | 2.570  | 39709949 | 52070326 | 20.823  | 20.394  |
| 28)                         | SA Decachlor... | 8.782  | 7.641  | 27932378 | 35878186 | 18.568  | 18.942  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.790  | 3.057  | 26767284 | 38677749 | 9.322   | 9.794   |
| 3)                          | MA gamma-BHC... | 4.123  | 3.378  | 25455142 | 35922700 | 9.528   | 9.995   |
| 5)                          | MB Aldrin       | 0.000  | 4.003f | 0        | 2113247  | N.D.    | 0.603 # |
| 6)                          | B beta-BHC      | 4.338  | 3.678  | 11496677 | 16218836 | 9.980   | 11.304  |
| 7)                          | B delta-BHC     | 4.548f | 0.000  | 559572   | 0        | 0.246   | N.D. #  |
| 8)                          | B Heptachlo...  | 5.472  | 4.488  | 692808   | 160975   | 0.326   | 0.053 # |
| 10)                         | B gamma-Chl...  | 5.706  | 4.740  | 507266   | 1710886  | 0.225   | 0.558 # |
| 11)                         | B alpha-Chl...  | 5.788  | 0.000  | 195349   | 0        | 0.084   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.980  | 4.979  | 656702   | 398474   | 0.328   | 0.146 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.102  | 0        | 252779   | N.D.    | 0.085 # |
| 14)                         | MA Endrin       | 6.358  | 5.370  | 80024073 | 119.3E6  | 42.166  | 45.807  |
| 15)                         | B Endosulfa...  | 0.000  | 5.694f | 0        | 985567   | N.D.    | 0.433 # |
| 16)                         | A 4,4'-DDD      | 6.506  | 5.531  | 6396231  | 11217321 | 3.837   | 5.107 # |
| 17)                         | MA 4,4'-DDT     | 6.815  | 5.777  | 157.4E6  | 214.2E6  | 87.817  | 98.761  |
| 18)                         | B Endrin al...  | 6.720  | 5.846  | 2539378  | 3790955  | 1.745   | 2.020   |
| 19)                         | B Endosulfa...  | 6.927f | 6.065  | 301362   | 290122   | 0.164   | 0.122 # |
| 20)                         | A Methoxychlor  | 7.300  | 6.354  | 204.4E6  | 253.9E6  | 221.985 | 223.738 |
| 21)                         | B Endrin ke...  | 7.438  | 6.564  | 5215366  | 11951216 | 2.772   | 4.624 # |
| 24)                         | Chlordane-2     | 0.000  | 4.110  | 0        | 344697   | N.D.    | 3.239 # |
| 25)                         | Chlordane-3     | 5.706  | 4.740  | 507266   | 1710886  | 1.519   | 5.613 # |
| 26)                         | Chlordane-4     | 5.788  | 0.000  | 195349   | 0        | 0.476   | N.D. #  |
| 27)                         | Chlordane-5     | 0.000  | 5.453  | 0        | 100977   | N.D.    | 1.238 # |
| -----                       |                 |        |        |          |          |         |         |

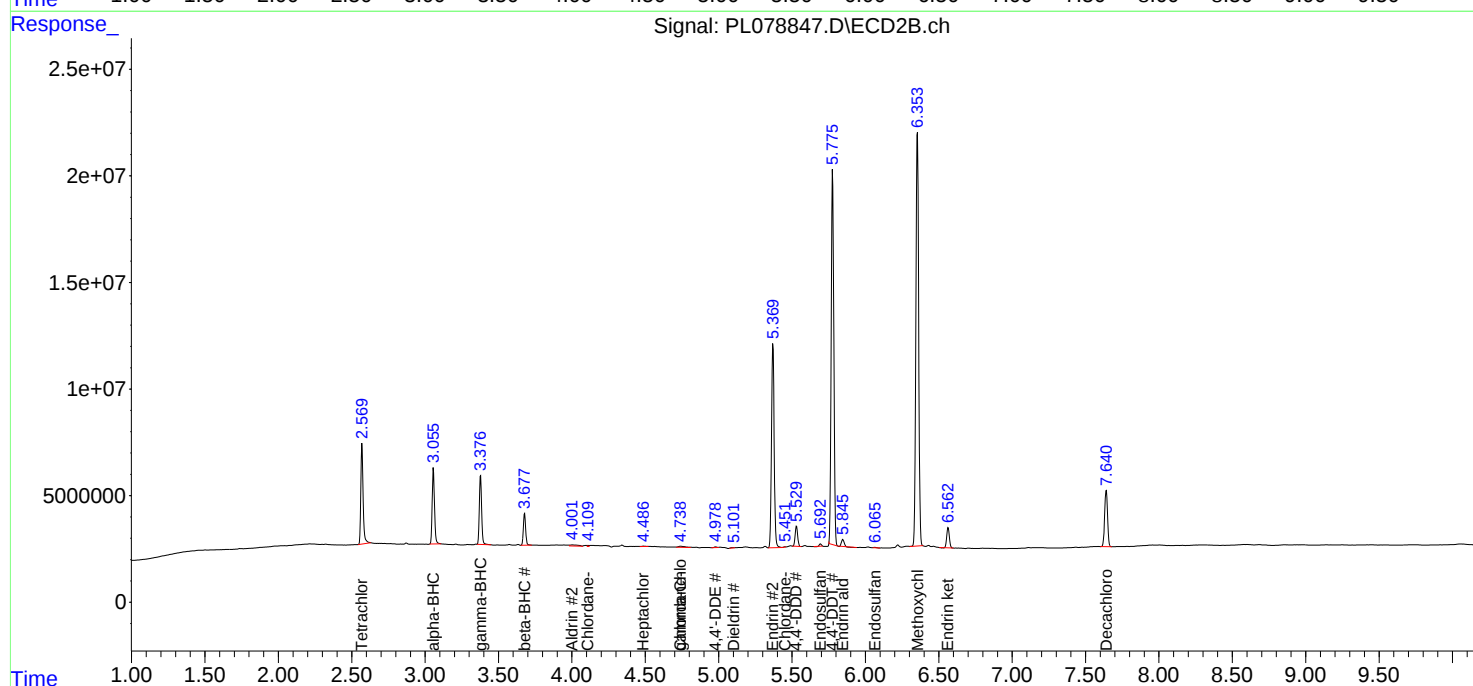
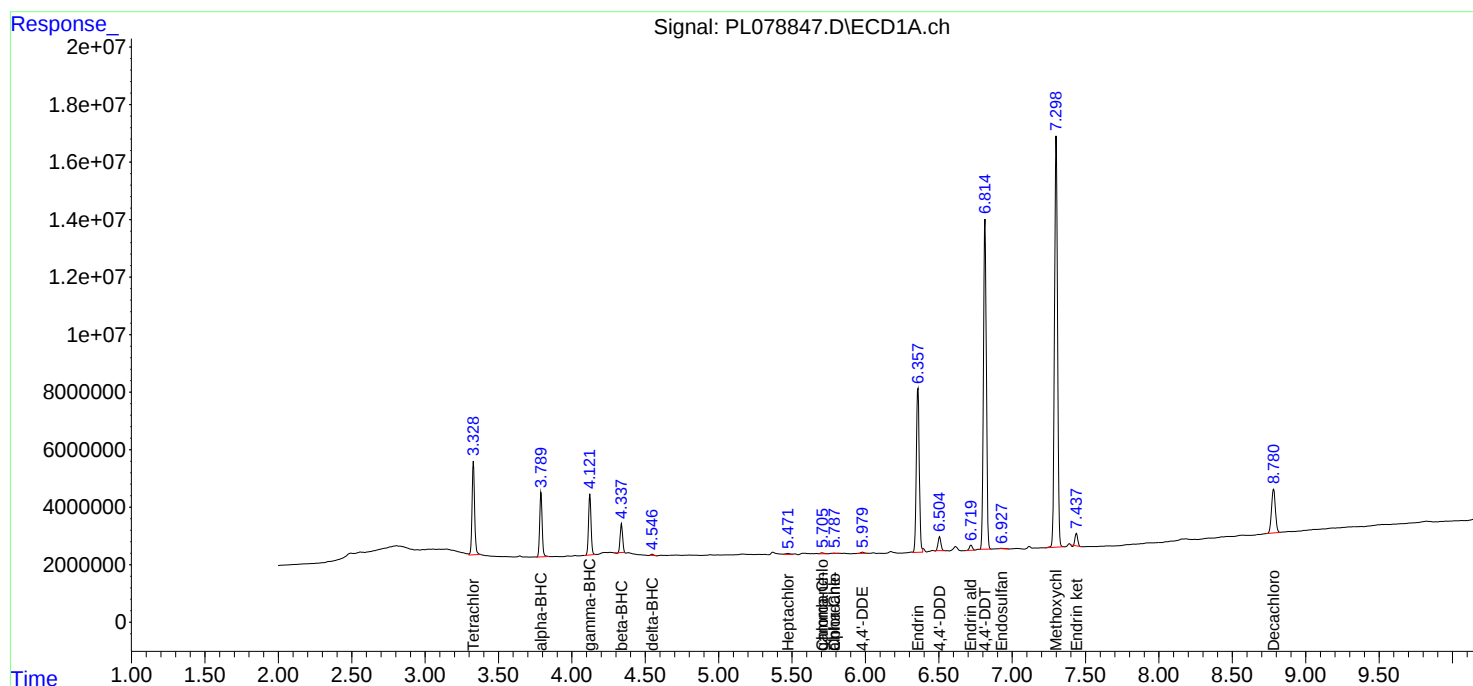
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

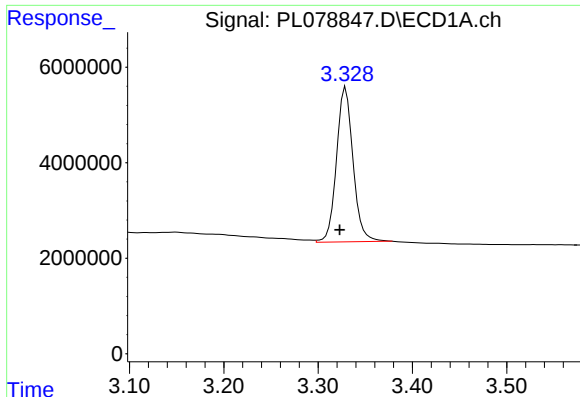
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110722\  
Data File : PL078847.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Nov 2022 10:10  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 02:08:58 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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

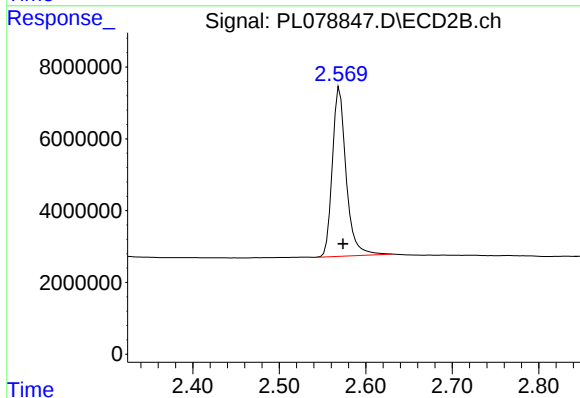




#1 Tetrachloro-m-xylene

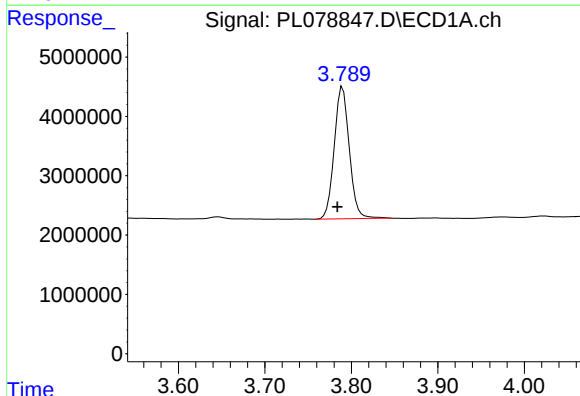
R.T.: 3.329 min  
Delta R.T.: 0.006 min  
Response: 39709949  
Conc: 20.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



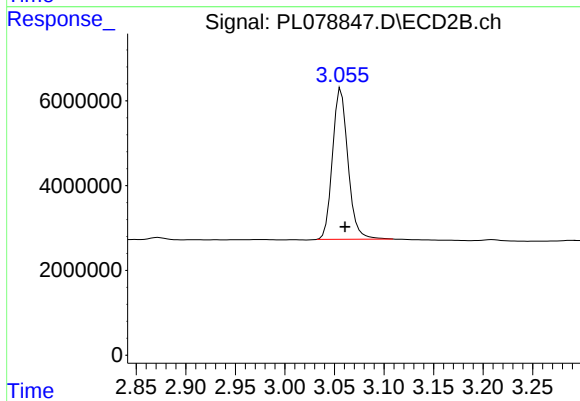
#1 Tetrachloro-m-xylene

R.T.: 2.570 min  
Delta R.T.: -0.004 min  
Response: 52070326  
Conc: 20.39 ng/ml



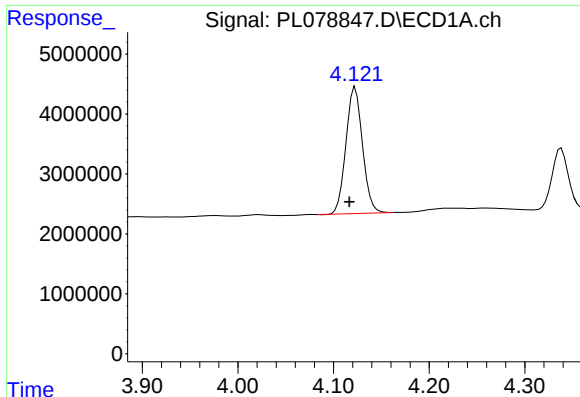
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: 0.006 min  
Response: 26767284  
Conc: 9.32 ng/ml



#2 alpha-BHC

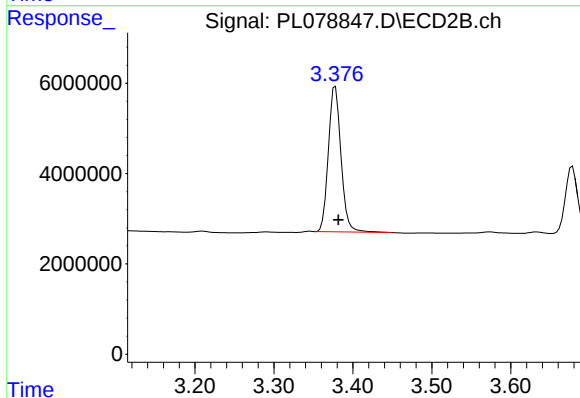
R.T.: 3.057 min  
Delta R.T.: -0.004 min  
Response: 38677749  
Conc: 9.79 ng/ml



#3 gamma-BHC (Lindane)

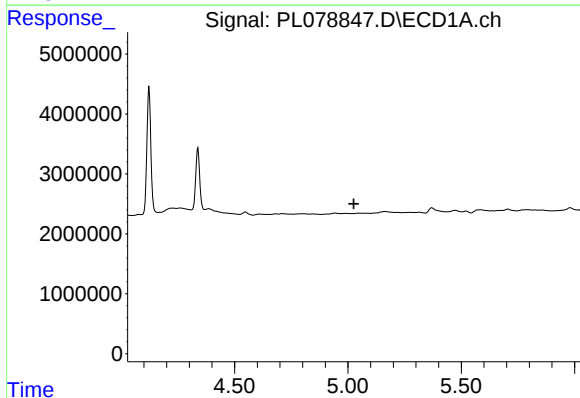
R.T.: 4.123 min  
Delta R.T.: 0.006 min  
Response: 25455142  
Conc: 9.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



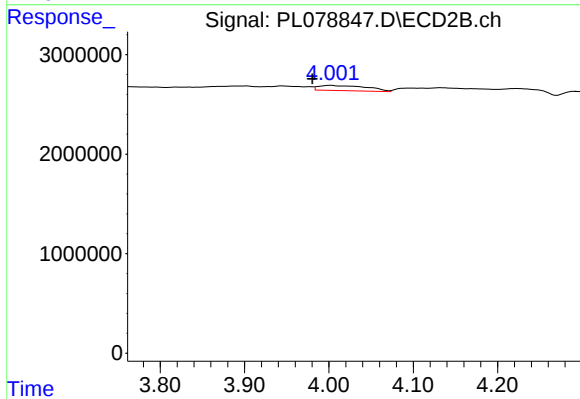
#3 gamma-BHC (Lindane)

R.T.: 3.378 min  
Delta R.T.: -0.004 min  
Response: 35922700  
Conc: 9.99 ng/ml



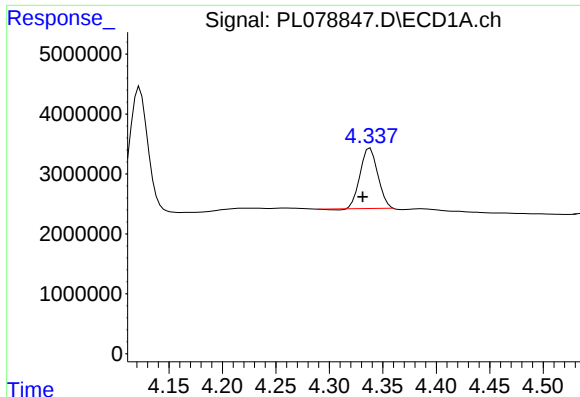
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.025 min  
Response: 0  
Conc: N.D.



#5 Aldrin

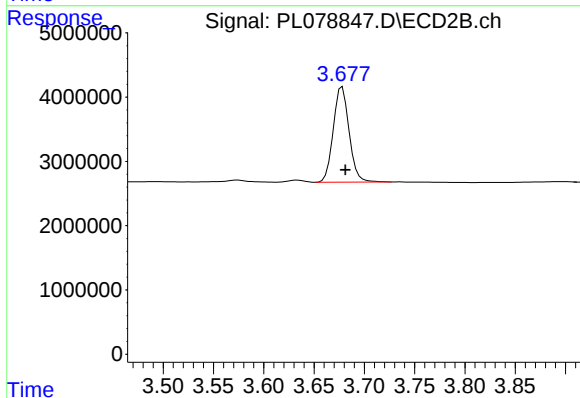
R.T.: 4.003 min  
Delta R.T.: 0.022 min  
Response: 2113247  
Conc: 0.60 ng/ml



#6 beta-BHC

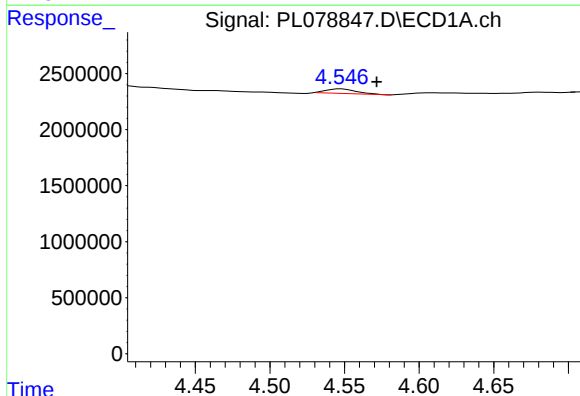
R.T.: 4.338 min  
Delta R.T.: 0.007 min  
Response: 11496677  
Conc: 9.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



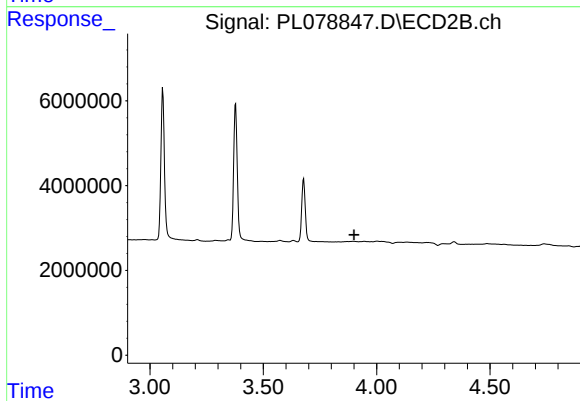
#6 beta-BHC

R.T.: 3.678 min  
Delta R.T.: -0.003 min  
Response: 16218836  
Conc: 11.30 ng/ml



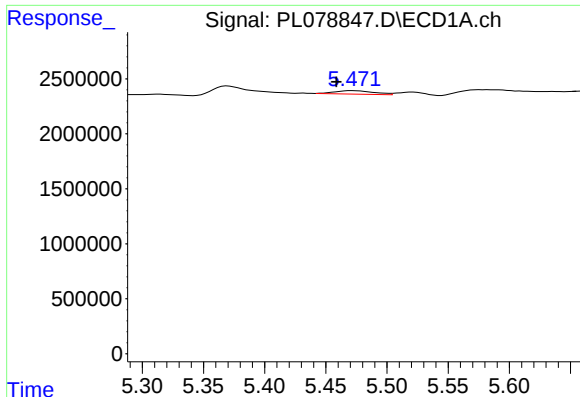
#7 delta-BHC

R.T.: 4.548 min  
Delta R.T.: -0.024 min  
Response: 559572  
Conc: 0.25 ng/ml



#7 delta-BHC

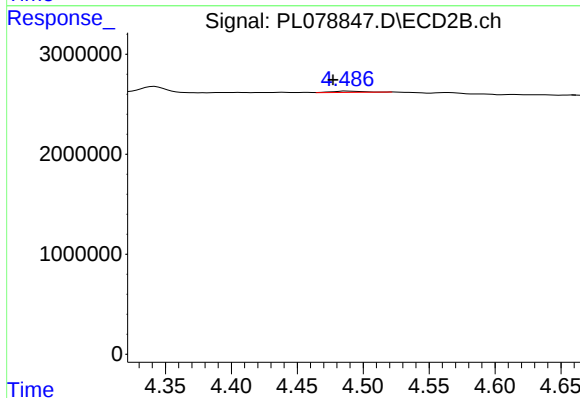
R.T.: 0.000 min  
Exp R.T. : 3.901 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

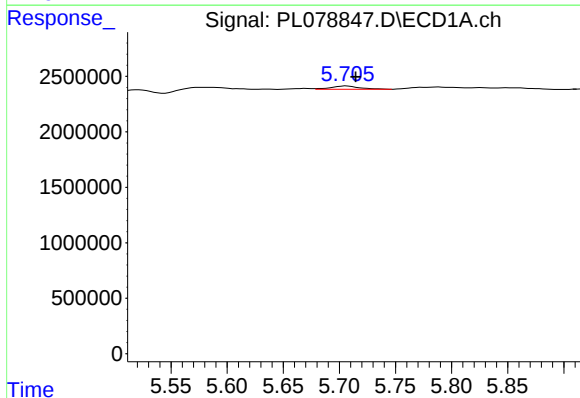
R.T.: 5.472 min  
Delta R.T.: 0.013 min  
Response: 692808  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



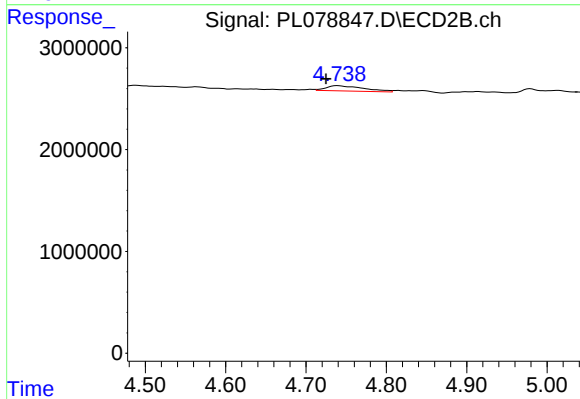
#8 Heptachlor epoxide

R.T.: 4.488 min  
Delta R.T.: 0.010 min  
Response: 160975  
Conc: 0.05 ng/ml



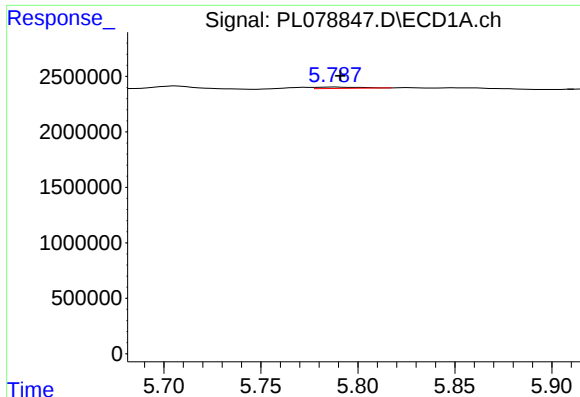
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: -0.008 min  
Response: 507266  
Conc: 0.22 ng/ml



#10 gamma-Chlordane

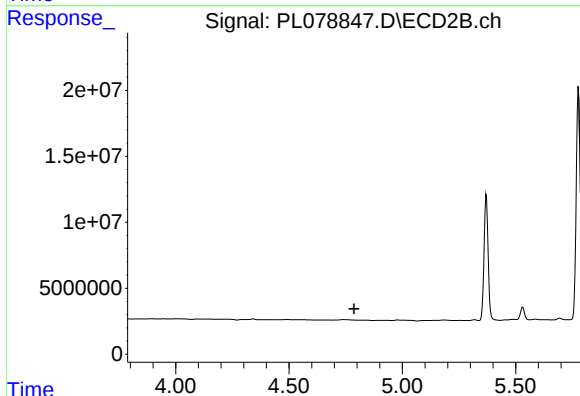
R.T.: 4.740 min  
Delta R.T.: 0.015 min  
Response: 1710886  
Conc: 0.56 ng/ml



#11 alpha-Chlordane

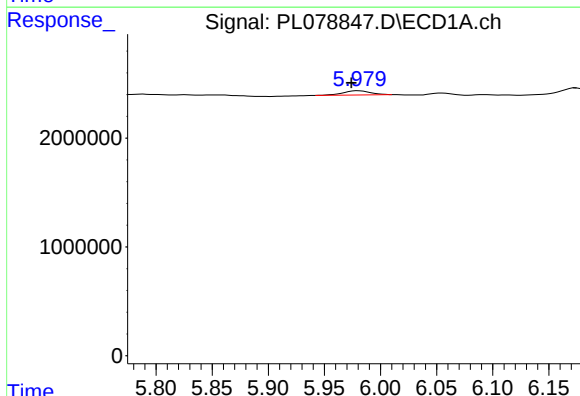
R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 195349  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



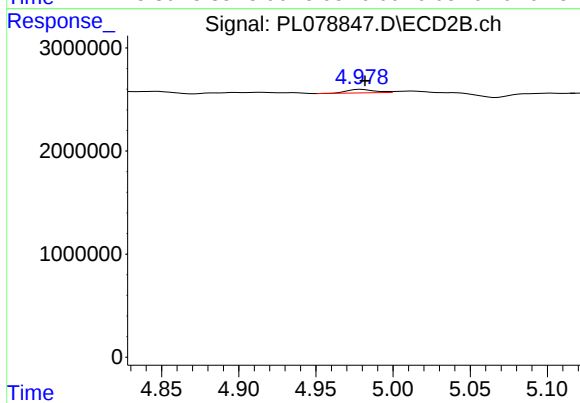
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.787 min  
Response: 0  
Conc: N.D.



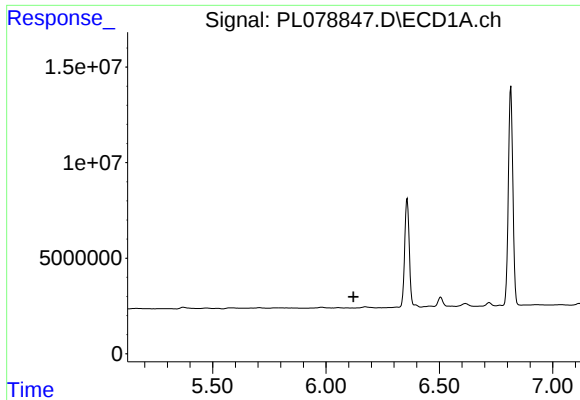
#12 4,4'-DDE

R.T.: 5.980 min  
Delta R.T.: 0.006 min  
Response: 656702  
Conc: 0.33 ng/ml



#12 4,4'-DDE

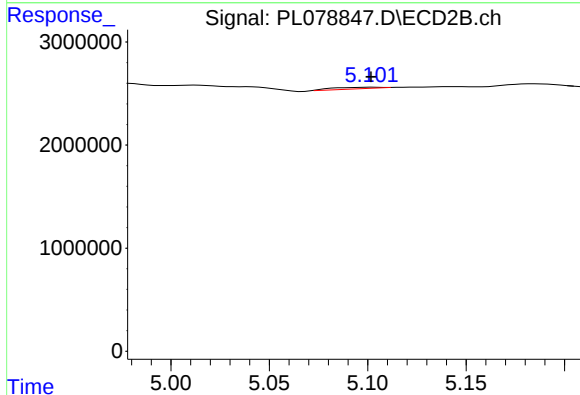
R.T.: 4.979 min  
Delta R.T.: -0.002 min  
Response: 398474  
Conc: 0.15 ng/ml



#13 Dieldrin

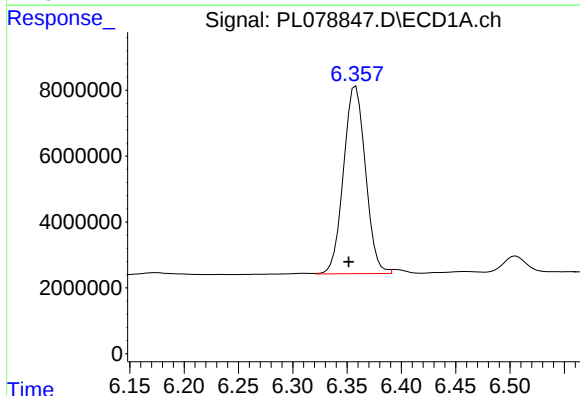
R.T.: 0.000 min  
Exp R.T.: 6.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



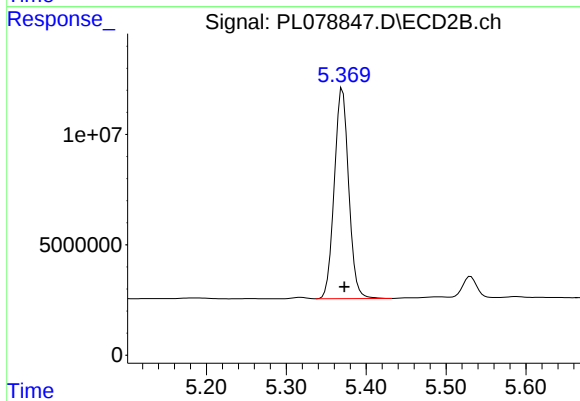
#13 Dieldrin

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 252779  
Conc: 0.09 ng/ml



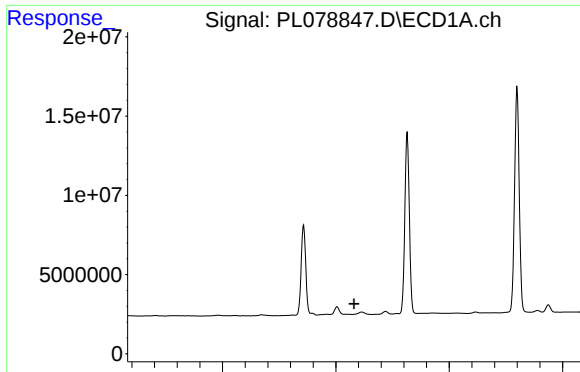
#14 Endrin

R.T.: 6.358 min  
Delta R.T.: 0.007 min  
Response: 80024073  
Conc: 42.17 ng/ml



#14 Endrin

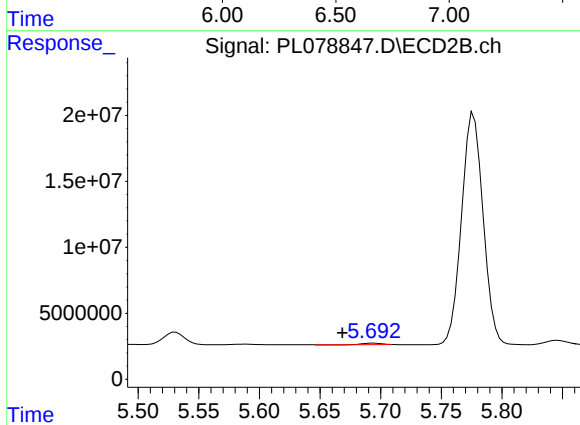
R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 119339434  
Conc: 45.81 ng/ml



#15 Endosulfan II

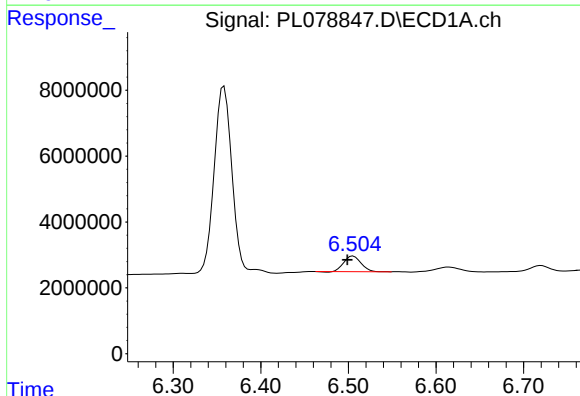
R.T.: 0.000 min  
Exp R.T.: 6.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



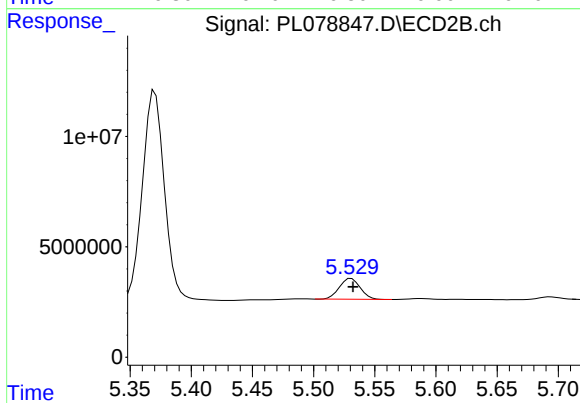
#15 Endosulfan II

R.T.: 5.694 min  
Delta R.T.: 0.025 min  
Response: 985567  
Conc: 0.43 ng/ml



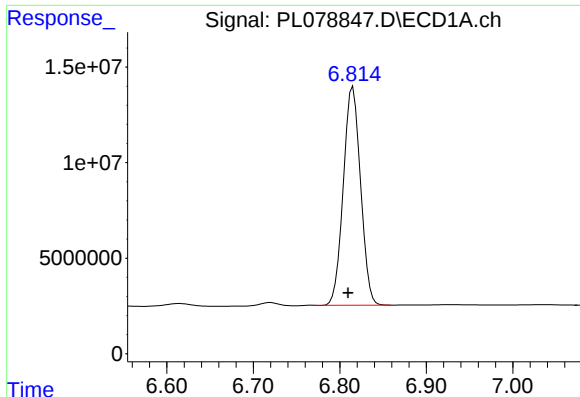
#16 4,4'-DDD

R.T.: 6.506 min  
Delta R.T.: 0.007 min  
Response: 6396231  
Conc: 3.84 ng/ml



#16 4,4'-DDD

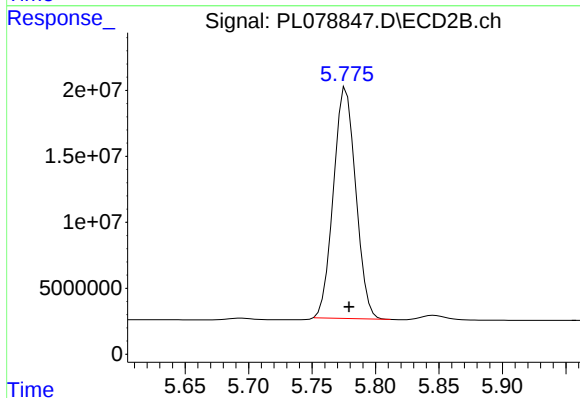
R.T.: 5.531 min  
Delta R.T.: -0.001 min  
Response: 11217321  
Conc: 5.11 ng/ml



#17 4,4'-DDT

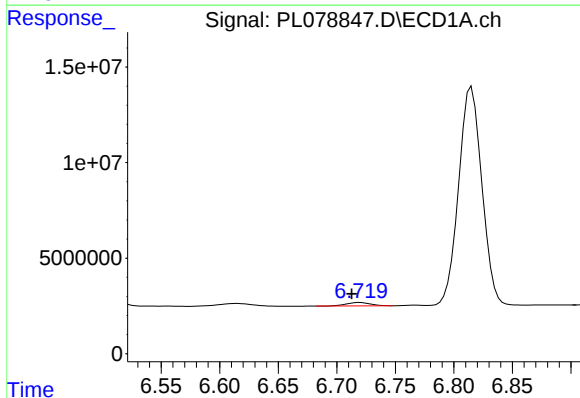
R.T.: 6.815 min  
Delta R.T.: 0.006 min  
Response: 157396204  
Conc: 87.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



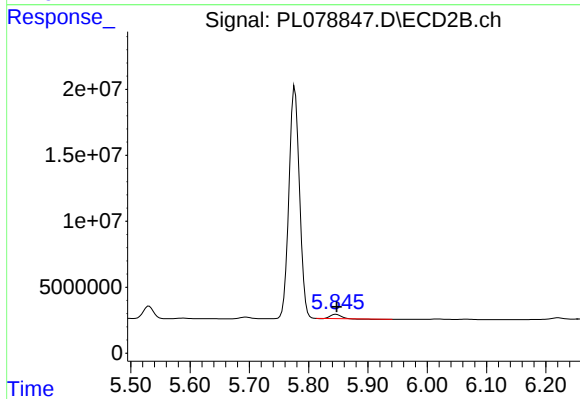
#17 4,4'-DDT

R.T.: 5.777 min  
Delta R.T.: -0.002 min  
Response: 214225689  
Conc: 98.76 ng/ml



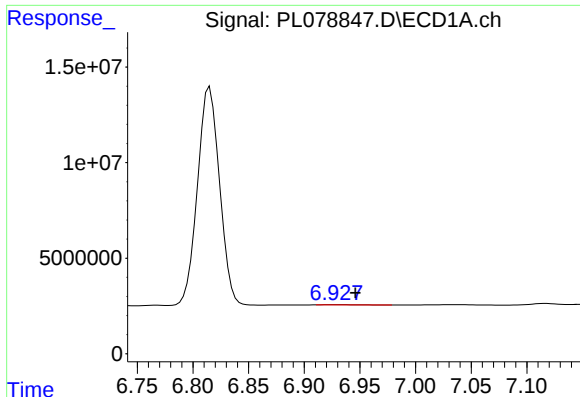
#18 Endrin aldehyde

R.T.: 6.720 min  
Delta R.T.: 0.007 min  
Response: 2539378  
Conc: 1.75 ng/ml



#18 Endrin aldehyde

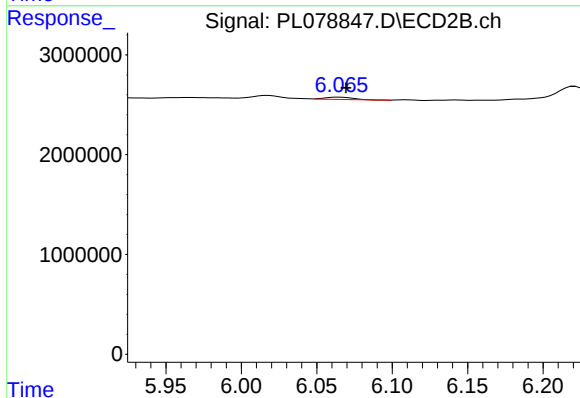
R.T.: 5.846 min  
Delta R.T.: -0.001 min  
Response: 3790955  
Conc: 2.02 ng/ml



#19 Endosulfan Sulfate

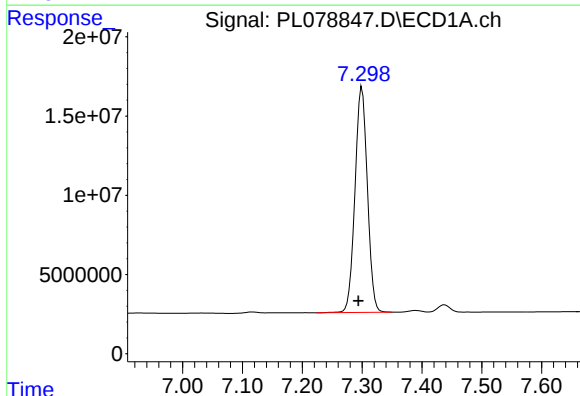
R.T.: 6.927 min  
Delta R.T.: -0.019 min  
Response: 301362  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



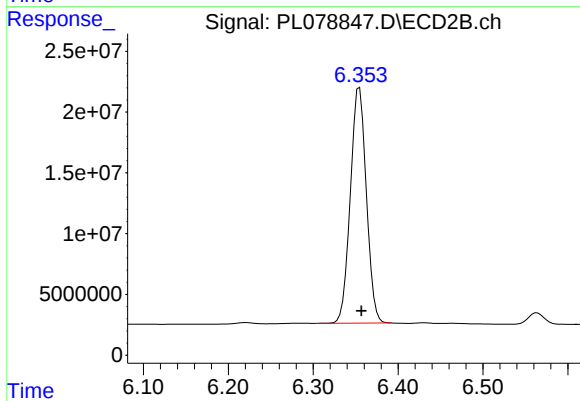
#19 Endosulfan Sulfate

R.T.: 6.065 min  
Delta R.T.: -0.004 min  
Response: 290122  
Conc: 0.12 ng/ml



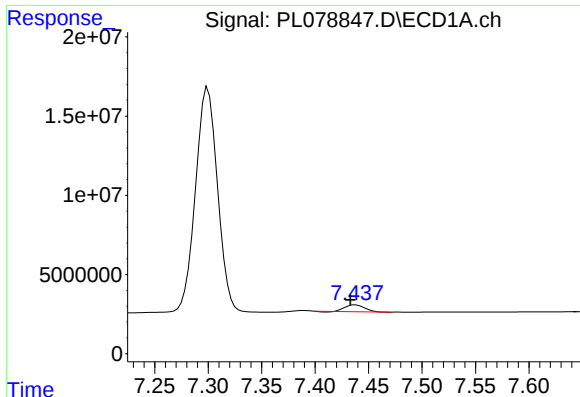
#20 Methoxychlor

R.T.: 7.300 min  
Delta R.T.: 0.006 min  
Response: 204423369  
Conc: 221.99 ng/ml



#20 Methoxychlor

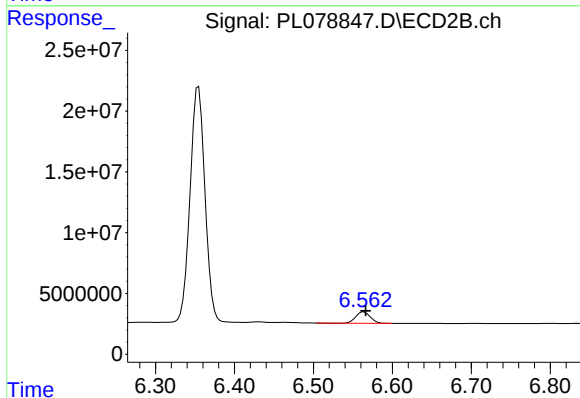
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 253896832  
Conc: 223.74 ng/ml



#21 Endrin ketone

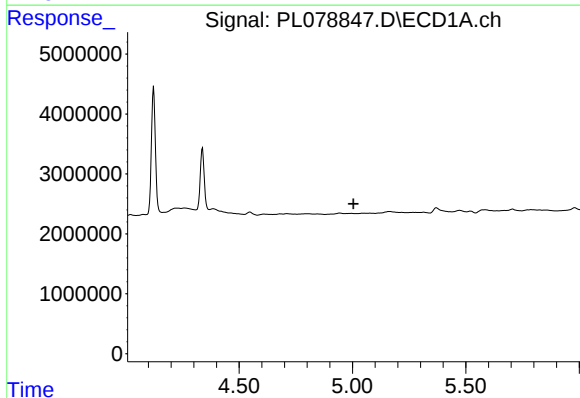
R.T.: 7.438 min  
Delta R.T.: 0.005 min  
Response: 5215366  
Conc: 2.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



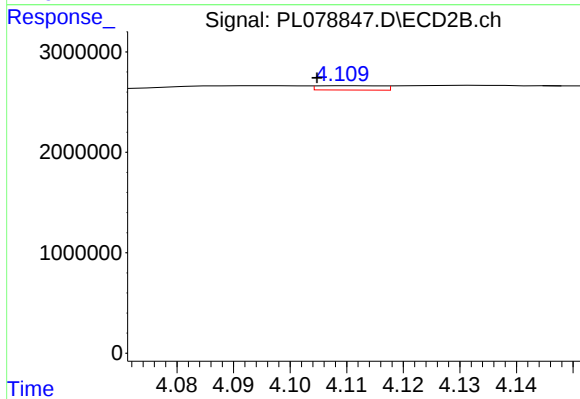
#21 Endrin ketone

R.T.: 6.564 min  
Delta R.T.: -0.002 min  
Response: 11951216  
Conc: 4.62 ng/ml



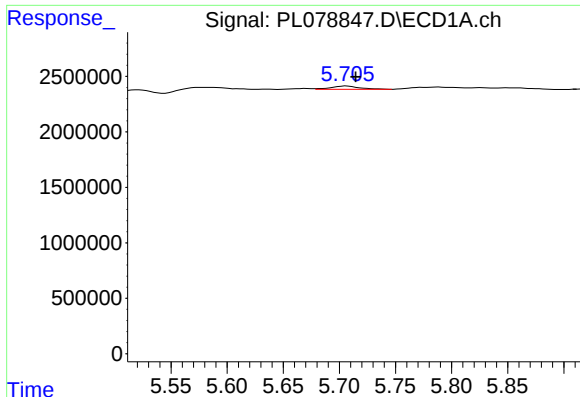
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.005 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

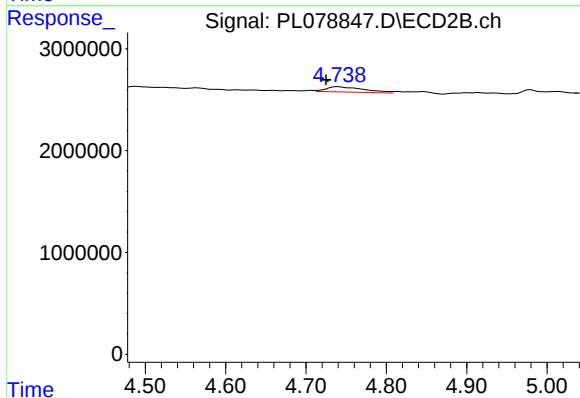
R.T.: 4.110 min  
Delta R.T.: 0.005 min  
Response: 344697  
Conc: 3.24 ng/ml



#25 Chlordane-3

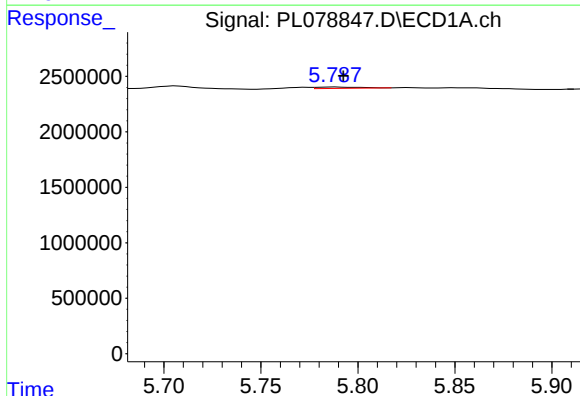
R.T.: 5.706 min  
Delta R.T.: -0.008 min  
Response: 507266  
Conc: 1.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



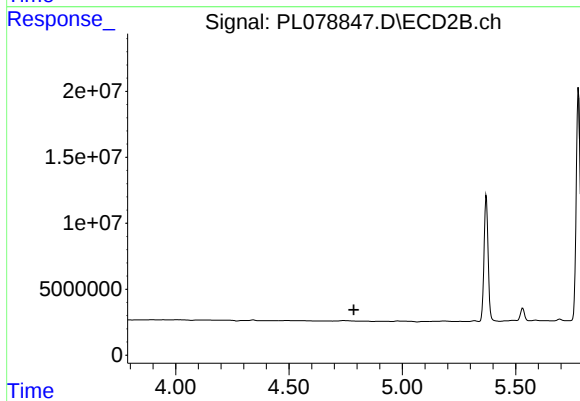
#25 Chlordane-3

R.T.: 4.740 min  
Delta R.T.: 0.015 min  
Response: 1710886  
Conc: 5.61 ng/ml



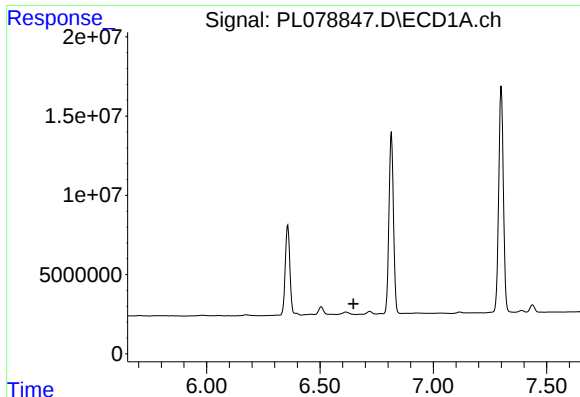
#26 Chlordane-4

R.T.: 5.788 min  
Delta R.T.: -0.004 min  
Response: 195349  
Conc: 0.48 ng/ml



#26 Chlordane-4

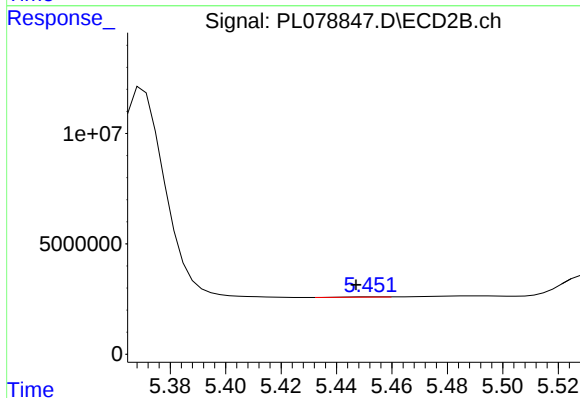
R.T.: 0.000 min  
Exp R.T.: 4.785 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

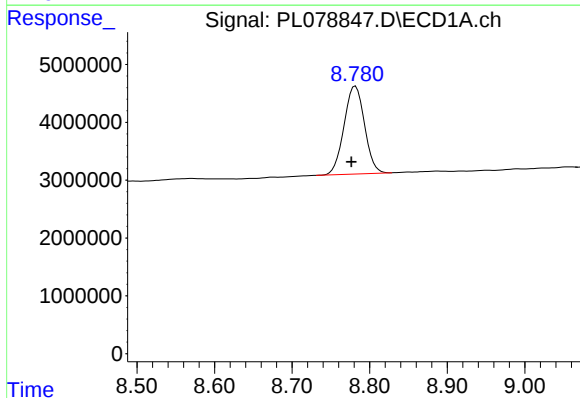
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



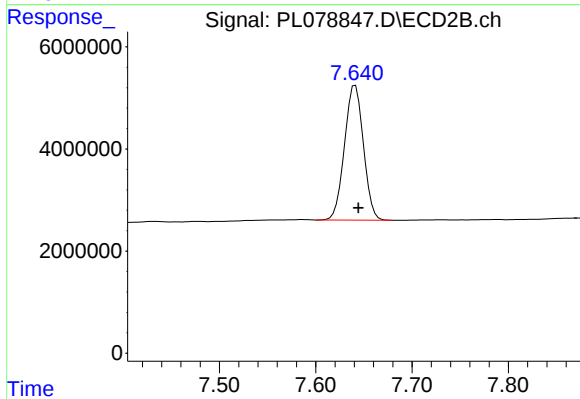
#27 Chlordane-5

R.T.: 5.453 min  
Delta R.T.: 0.006 min  
Response: 100977  
Conc: 1.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.782 min  
Delta R.T.: 0.005 min  
Response: 27932378  
Conc: 18.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 35878186  
Conc: 18.94 ng/ml