

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
 Data File : PL078809.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2022 09:43  
 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 05 03:04:27 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... | 3.324  | 2.571  | 37515972 | 52443914 | 19.673  | 20.541    |
| 28)                         | SA Decachlor... | 8.775  | 7.639  | 29425858 | 40575146 | 19.560  | 21.422    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.784  | 3.058  | 26262863 | 39346614 | 9.146   | 9.964     |
| 3)                          | MA gamma-BHC... | 4.117  | 3.379  | 25465151 | 35962140 | 9.531   | 10.006    |
| 4)                          | MA Heptachlor   | 4.707f | 0.000  | 16692    | 0        | 0.006   | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 4.000f | 0        | 10525430 | N.D.    | 3.006 #   |
| 6)                          | B beta-BHC      | 4.332  | 3.679  | 12236961 | 16561240 | 10.623  | 11.542    |
| 7)                          | B delta-BHC     | 4.543f | 3.898  | 486144   | 5380455  | 0.214   | 1.478 #   |
| 8)                          | B Heptachlo...  | 5.467  | 4.491  | 12265490 | 810955   | 5.777   | 0.269 #   |
| 9)                          | A Endosulfan I  | 5.865f | 0.000  | 793629   | 0        | 0.372   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.701  | 4.736  | 278395   | 20934244 | 0.123   | 6.831 #   |
| 11)                         | B alpha-Chl...  | 5.766f | 0.000  | 316951   | 0        | 0.137   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.970  | 4.979  | 494514   | 162921   | 0.247   | 0.060 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.107  | 0        | 4476635  | N.D.    | 1.511 #   |
| 14)                         | MA Endrin       | 6.353  | 5.369  | 98112805 | 136.1E6  | 51.698  | 52.231    |
| 15)                         | B Endosulfa...  | 0.000  | 5.693f | 0        | 663262   | N.D.    | 0.291 #   |
| 16)                         | A 4,4'-DDD      | 6.499  | 5.530  | 3717292  | 5948177  | 2.230   | 2.708     |
| 17)                         | MA 4,4'-DDT     | 6.810  | 5.776  | 170.9E6  | 226.1E6  | 95.365  | 104.244   |
| 18)                         | B Endrin al...  | 6.714  | 5.845  | 2355923  | 4039176  | 1.619   | 2.152 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.066  | 0        | 461275   | N.D.    | 0.194 #   |
| 20)                         | A Methoxychlor  | 7.294  | 6.353  | 222.8E6  | 282.2E6  | 241.961 | 248.651   |
| 21)                         | B Endrin ke...  | 7.433  | 6.562  | 4507910  | 14176456 | 2.396   | 5.485 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.130f | 0        | 22009872 | N.D.    | 206.809 # |
| 25)                         | Chlordane-3     | 5.701  | 4.736  | 278395   | 20934244 | 0.833   | 68.685 #  |
| 26)                         | Chlordane-4     | 5.766f | 0.000  | 316951   | 0        | 0.772   | N.D. #    |
| 27)                         | Chlordane-5     | 0.000  | 5.458  | 0        | 61167    | N.D.    | 0.750 #   |
| -----                       |                 |        |        |          |          |         |           |

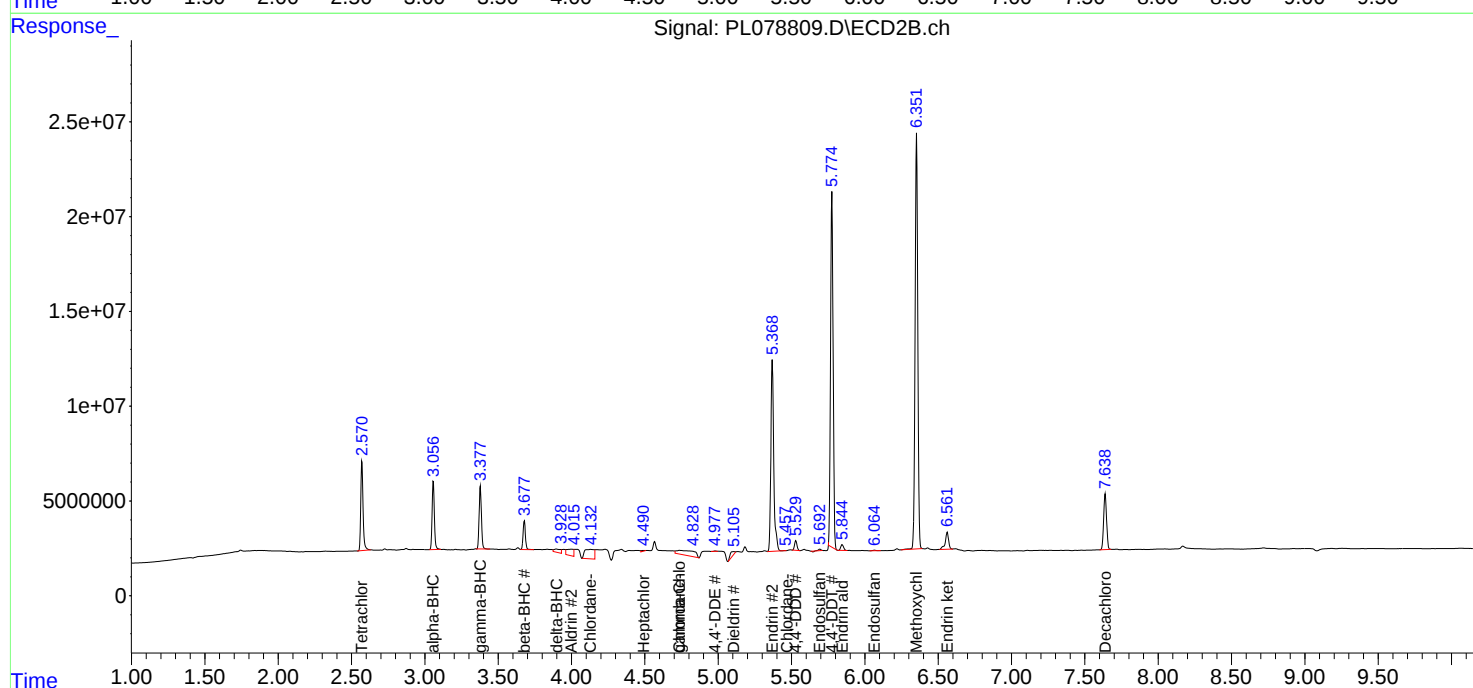
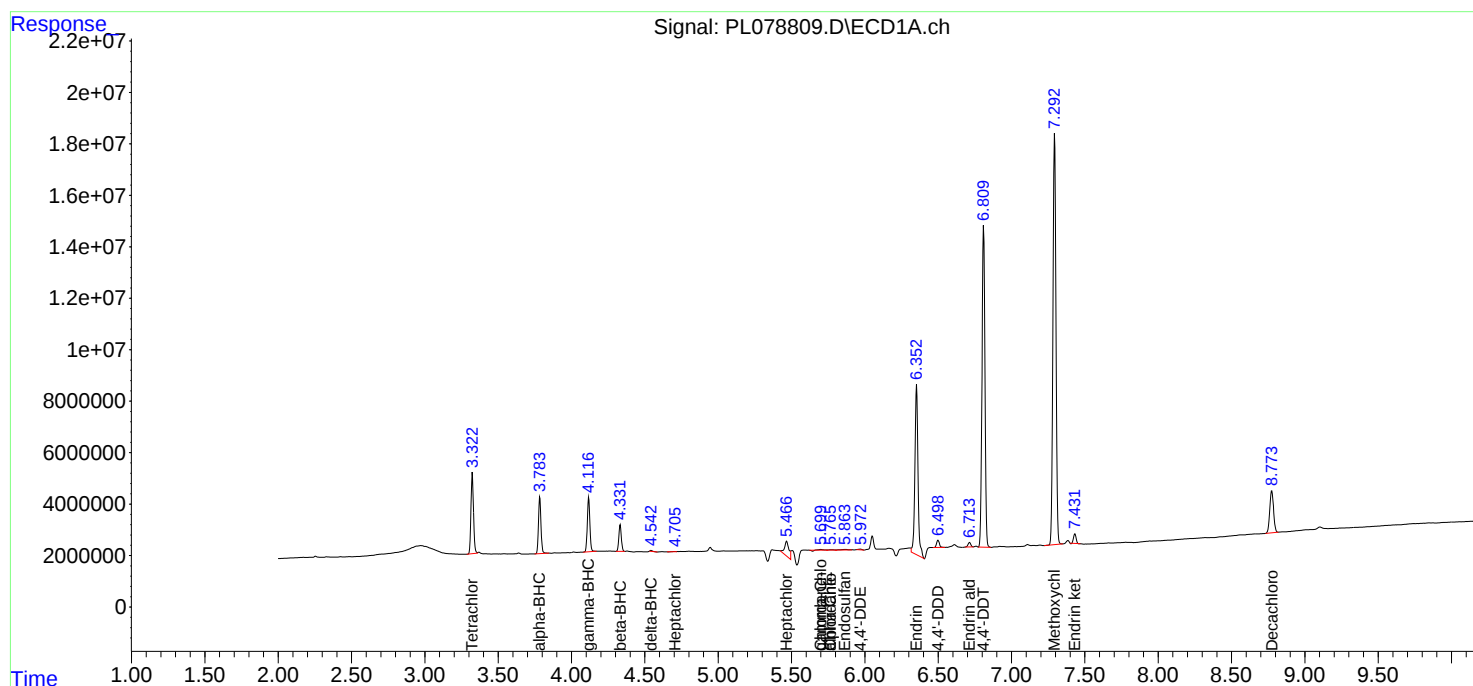
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

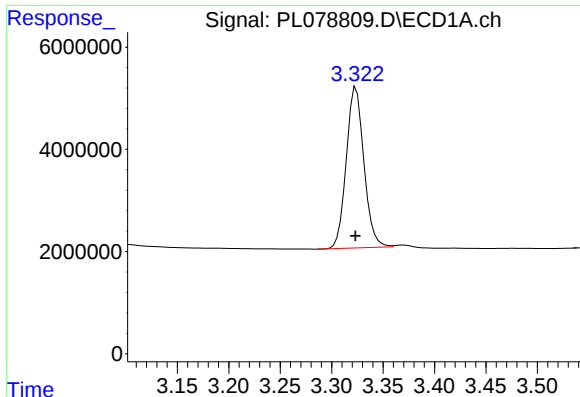
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
Data File : PL078809.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2022 09:43  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 03:04:27 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

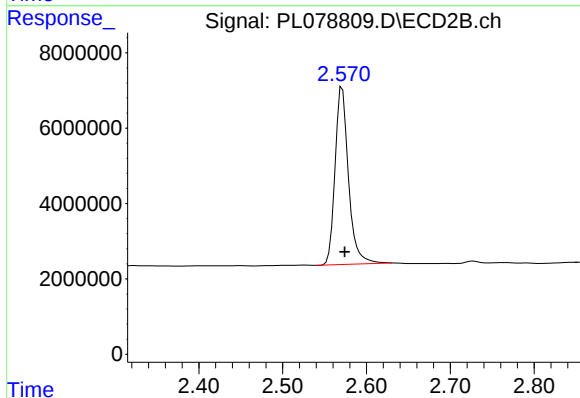




#1 Tetrachloro-m-xylene

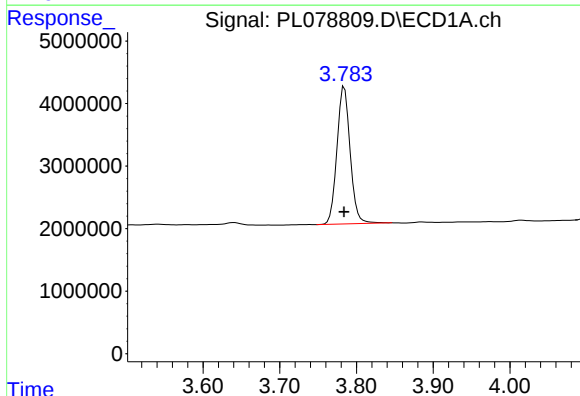
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 37515972  
Conc: 19.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



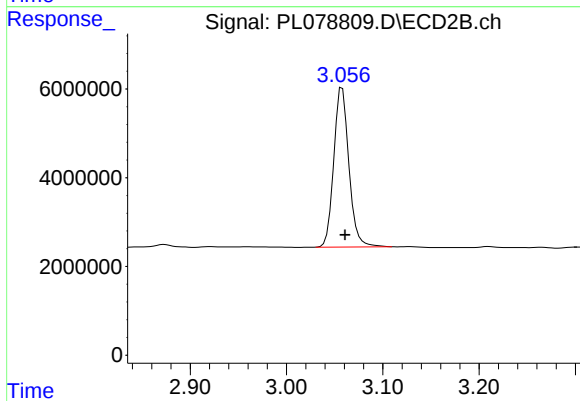
#1 Tetrachloro-m-xylene

R.T.: 2.571 min  
Delta R.T.: -0.003 min  
Response: 52443914  
Conc: 20.54 ng/ml



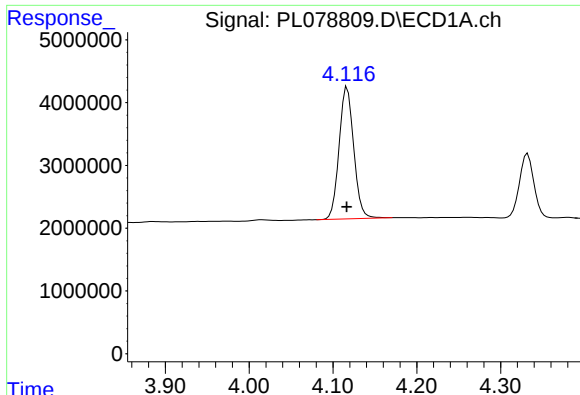
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 26262863  
Conc: 9.15 ng/ml



#2 alpha-BHC

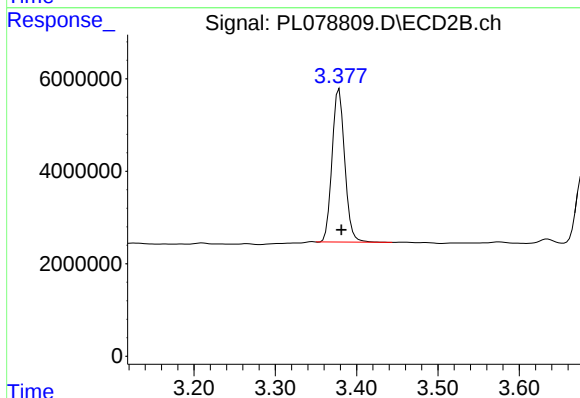
R.T.: 3.058 min  
Delta R.T.: -0.003 min  
Response: 39346614  
Conc: 9.96 ng/ml



#3 gamma-BHC (Lindane)

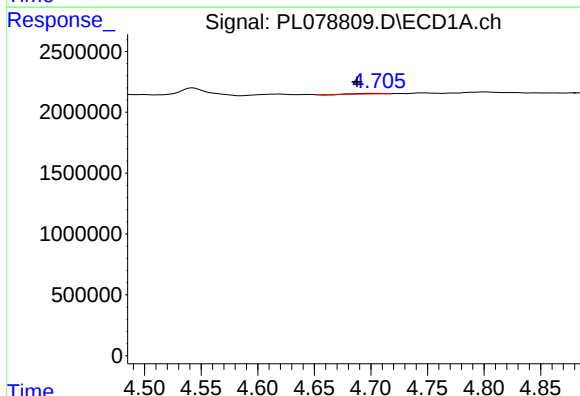
R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 25465151  
Conc: 9.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



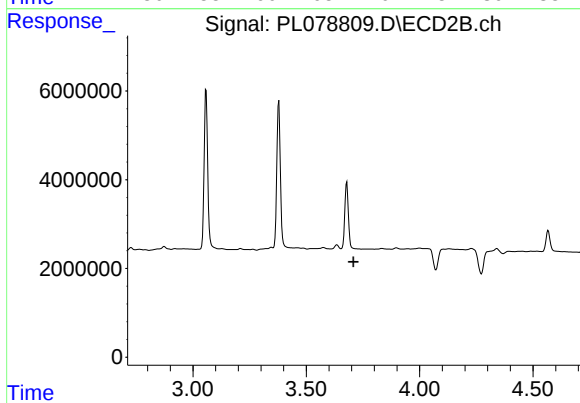
#3 gamma-BHC (Lindane)

R.T.: 3.379 min  
Delta R.T.: -0.003 min  
Response: 35962140  
Conc: 10.01 ng/ml



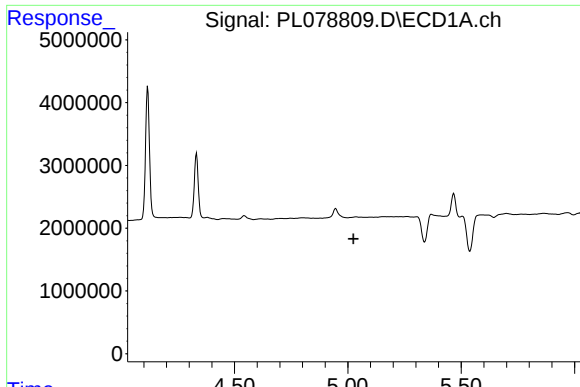
#4 Heptachlor

R.T.: 4.707 min  
Delta R.T.: 0.019 min  
Response: 16692  
Conc: 0.01 ng/ml



#4 Heptachlor

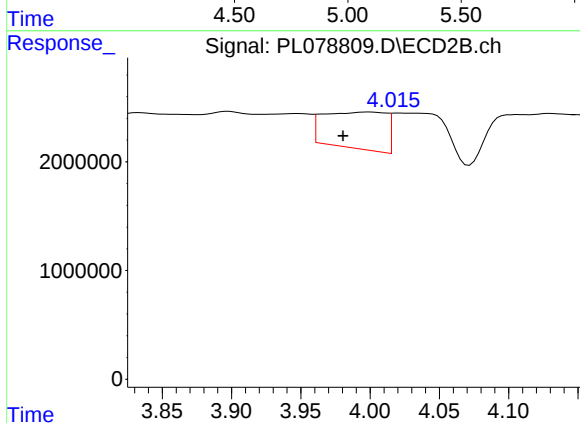
R.T.: 0.000 min  
Exp R.T. : 3.709 min  
Response: 0  
Conc: N.D.



#5 Aldrin

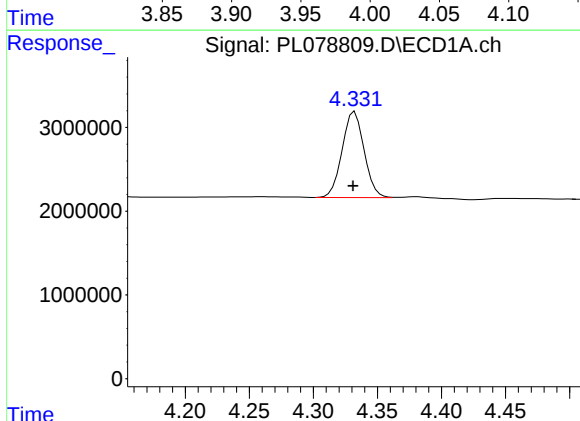
R.T.: 0.000 min  
Exp R.T.: 5.025 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



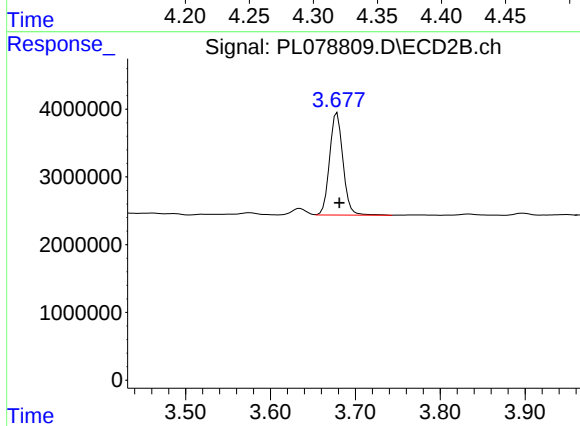
#5 Aldrin

R.T.: 4.000 min  
Delta R.T.: 0.019 min  
Response: 10525430  
Conc: 3.01 ng/ml



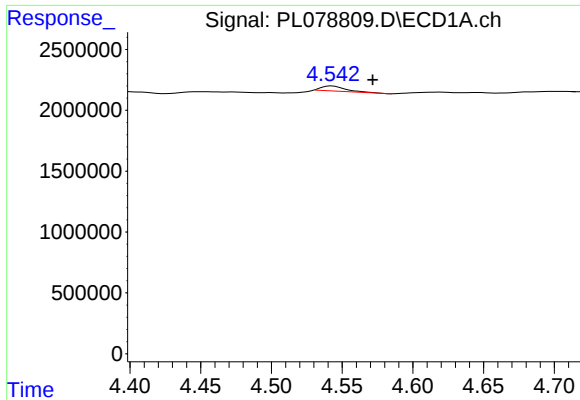
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 12236961  
Conc: 10.62 ng/ml



#6 beta-BHC

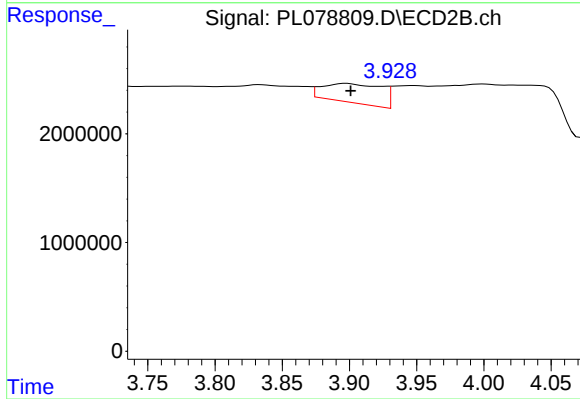
R.T.: 3.679 min  
Delta R.T.: -0.003 min  
Response: 16561240  
Conc: 11.54 ng/ml



#7 delta-BHC

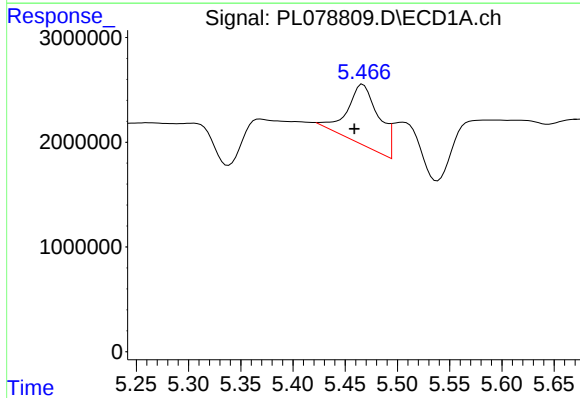
R.T.: 4.543 min  
Delta R.T.: -0.029 min  
Response: 486144  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



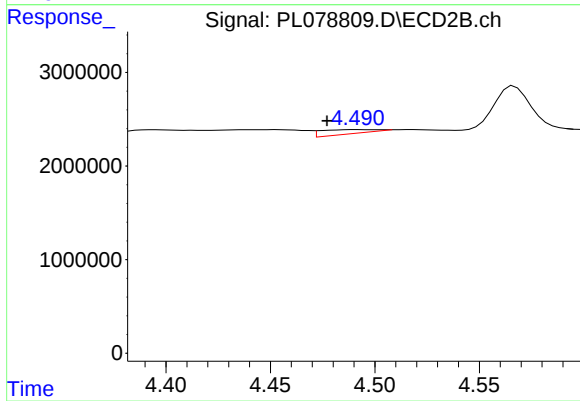
#7 delta-BHC

R.T.: 3.898 min  
Delta R.T.: -0.003 min  
Response: 5380455  
Conc: 1.48 ng/ml



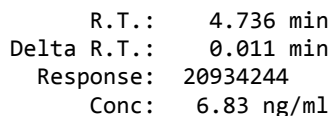
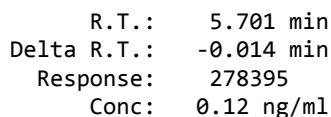
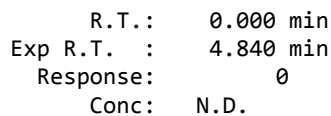
#8 Heptachlor epoxide

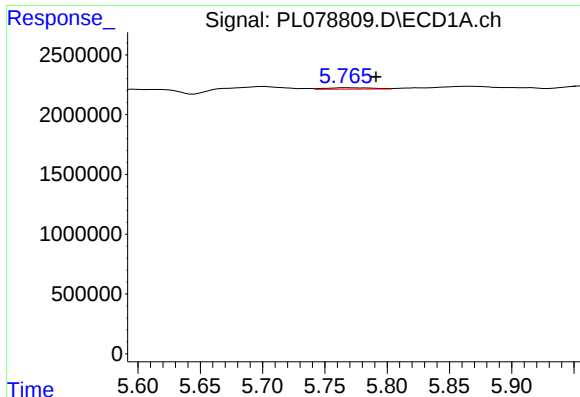
R.T.: 5.467 min  
Delta R.T.: 0.008 min  
Response: 12265490  
Conc: 5.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.491 min  
Delta R.T.: 0.014 min  
Response: 810955  
Conc: 0.27 ng/ml

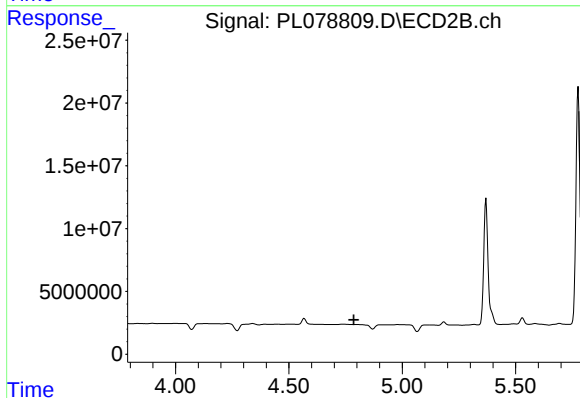




#11 alpha-Chlordane

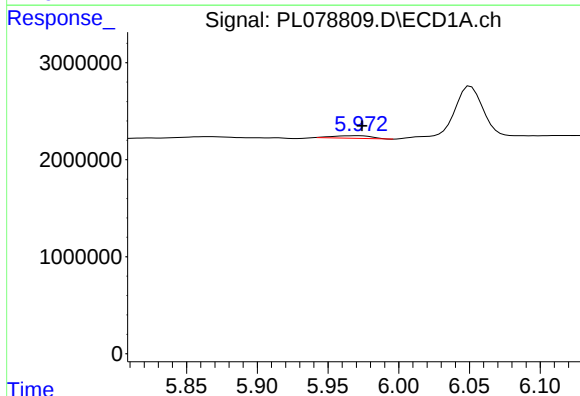
R.T.: 5.766 min  
Delta R.T.: -0.025 min  
Response: 316951  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



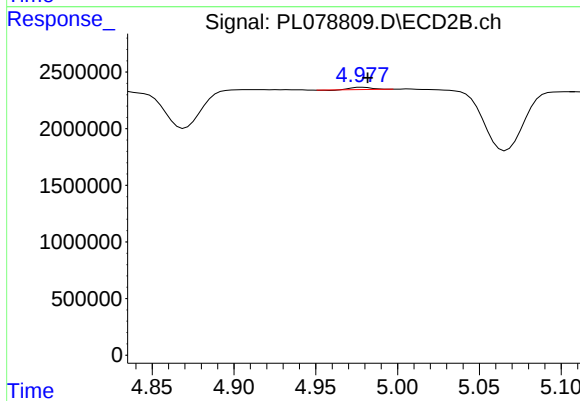
#11 alpha-Chlordane

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



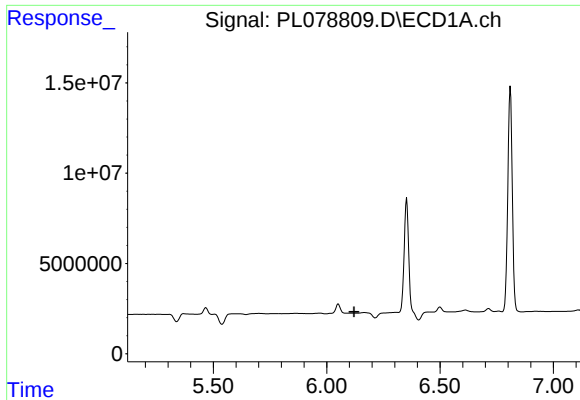
#12 4,4'-DDE

R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 494514  
Conc: 0.25 ng/ml



#12 4,4'-DDE

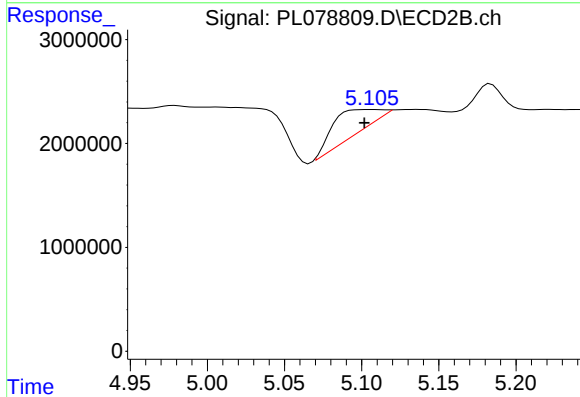
R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 162921  
Conc: 0.06 ng/ml



#13 Dieldrin

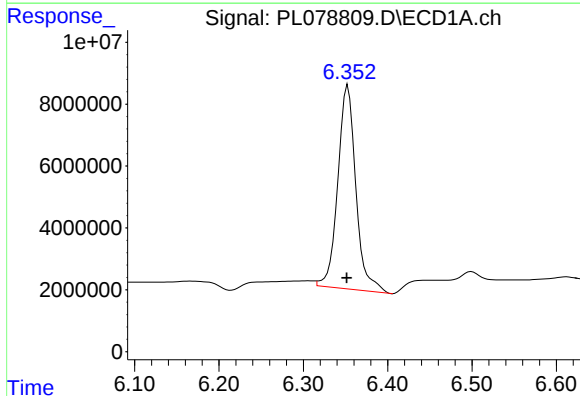
R.T.: 0.000 min  
Exp R.T.: 6.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



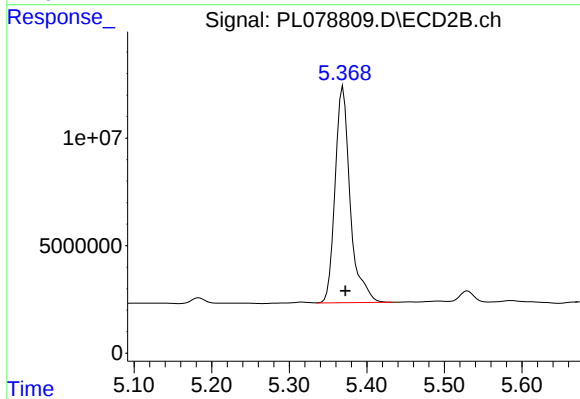
#13 Dieldrin

R.T.: 5.107 min  
Delta R.T.: 0.006 min  
Response: 4476635  
Conc: 1.51 ng/ml



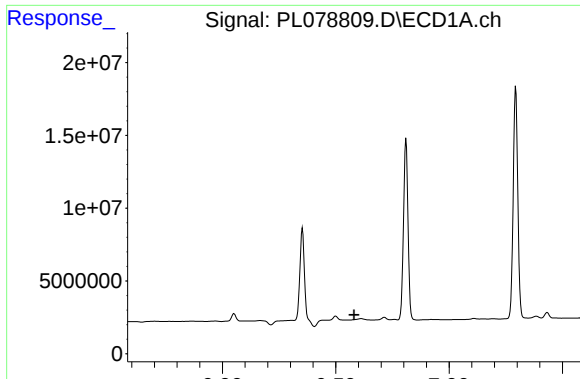
#14 Endrin

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 98112805  
Conc: 51.70 ng/ml



#14 Endrin

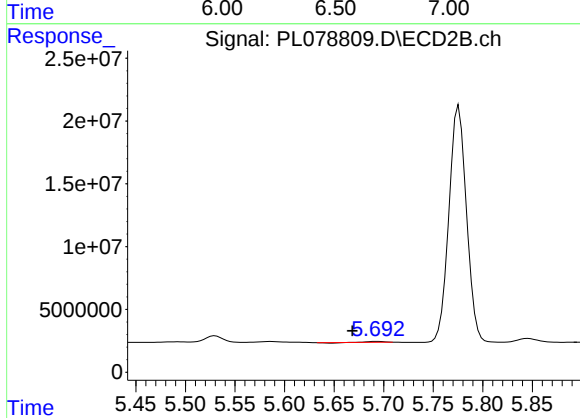
R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 136074100  
Conc: 52.23 ng/ml



#15 Endosulfan II

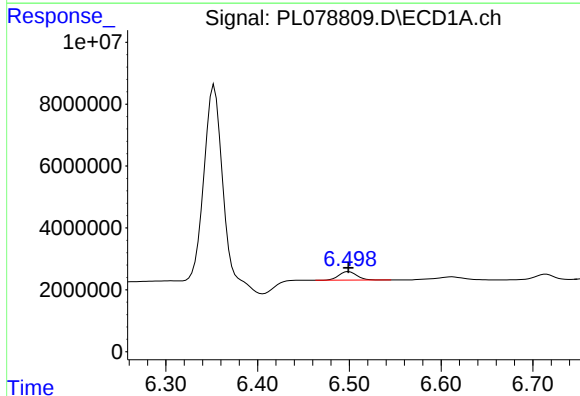
R.T.: 0.000 min  
Exp R.T.: 6.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



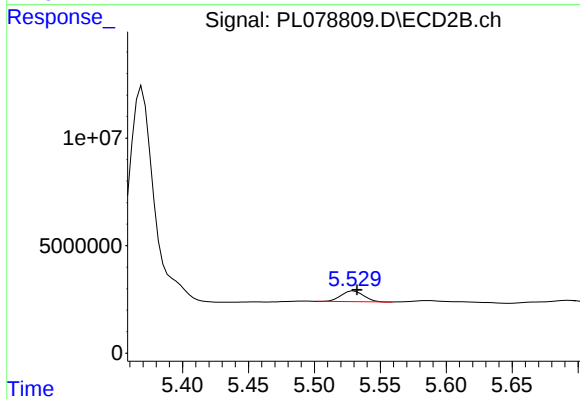
#15 Endosulfan II

R.T.: 5.693 min  
Delta R.T.: 0.024 min  
Response: 663262  
Conc: 0.29 ng/ml



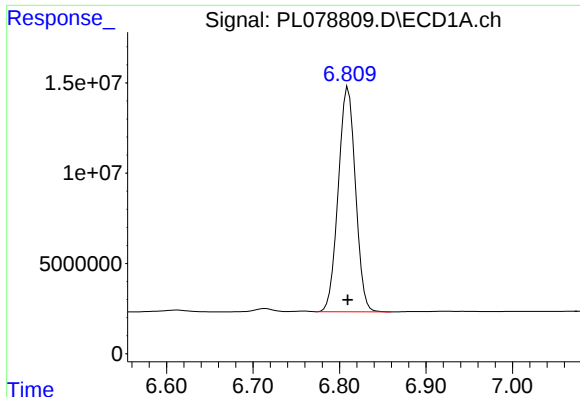
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 3717292  
Conc: 2.23 ng/ml



#16 4,4'-DDD

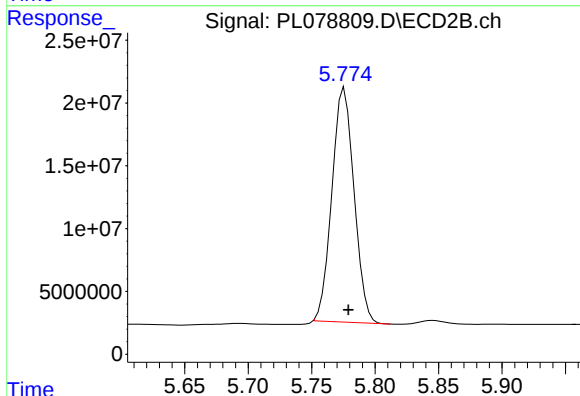
R.T.: 5.530 min  
Delta R.T.: -0.002 min  
Response: 5948177  
Conc: 2.71 ng/ml



#17 4,4'-DDT

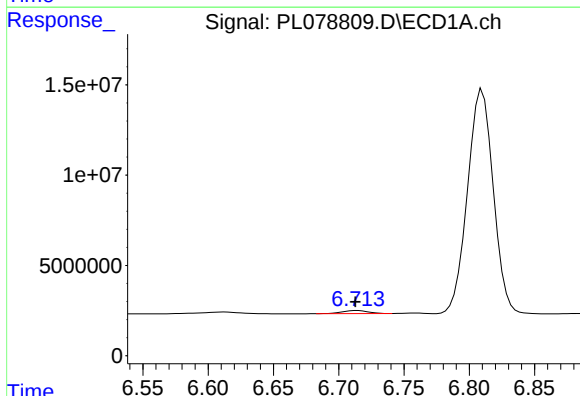
R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 170925925  
Conc: 95.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



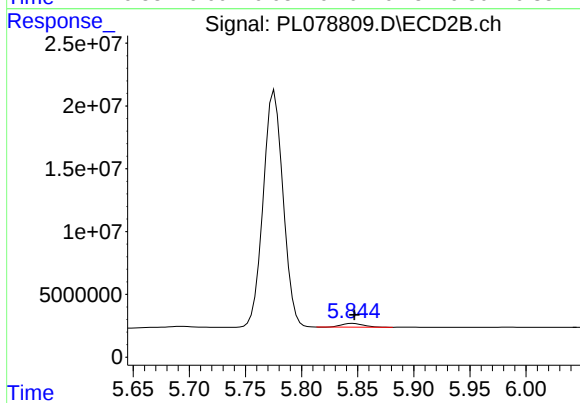
#17 4,4'-DDT

R.T.: 5.776 min  
Delta R.T.: -0.003 min  
Response: 226118831  
Conc: 104.24 ng/ml



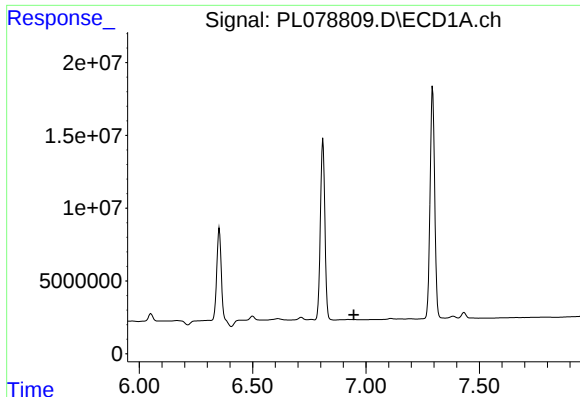
#18 Endrin aldehyde

R.T.: 6.714 min  
Delta R.T.: 0.001 min  
Response: 2355923  
Conc: 1.62 ng/ml



#18 Endrin aldehyde

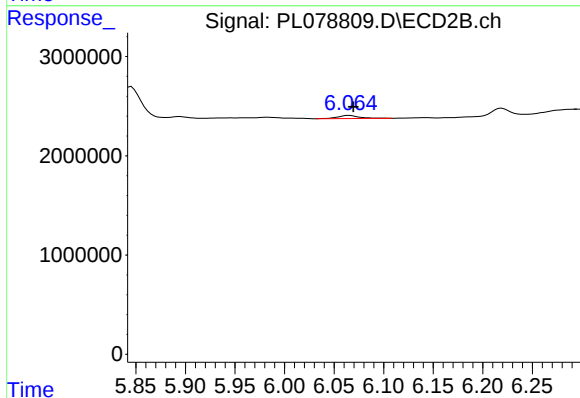
R.T.: 5.845 min  
Delta R.T.: -0.002 min  
Response: 4039176  
Conc: 2.15 ng/ml



#19 Endosulfan Sulfate

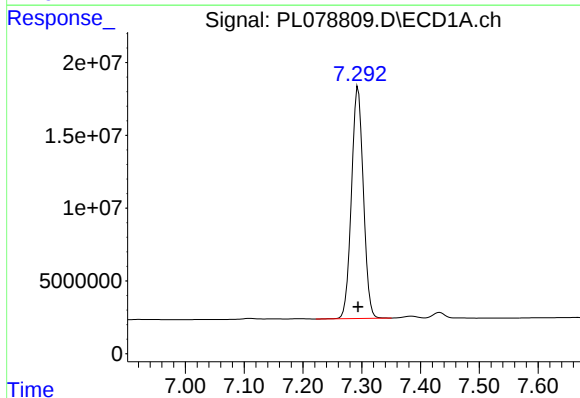
R.T.: 0.000 min  
Exp R.T.: 6.946 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



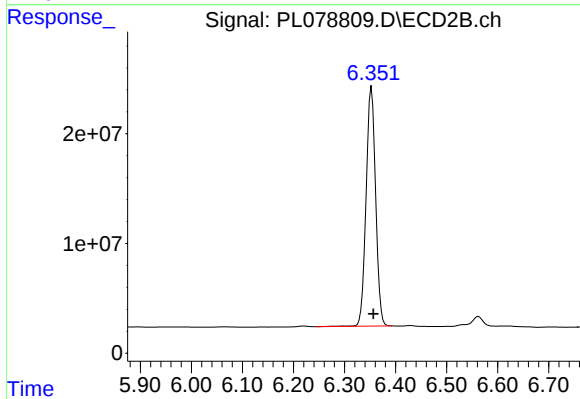
#19 Endosulfan Sulfate

R.T.: 6.066 min  
Delta R.T.: -0.004 min  
Response: 461275  
Conc: 0.19 ng/ml



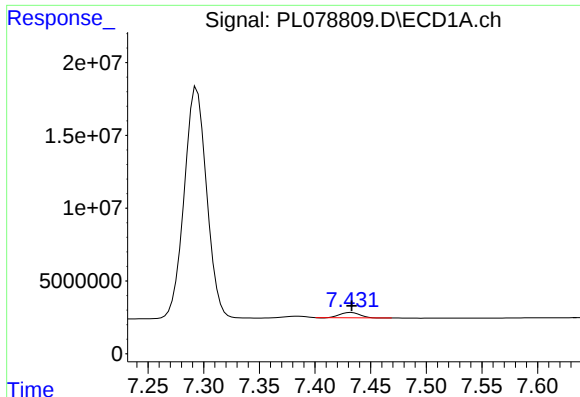
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 222818654  
Conc: 241.96 ng/ml



#20 Methoxychlor

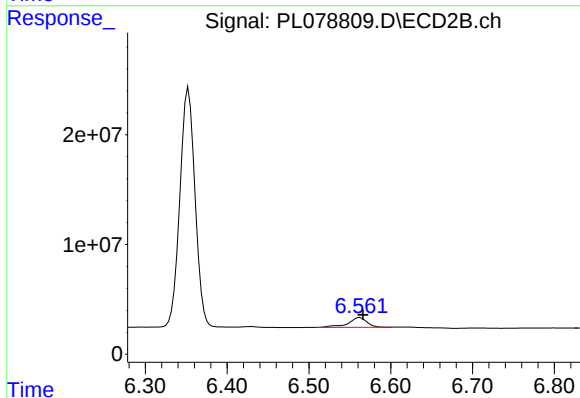
R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 282168527  
Conc: 248.65 ng/ml



#21 Endrin ketone

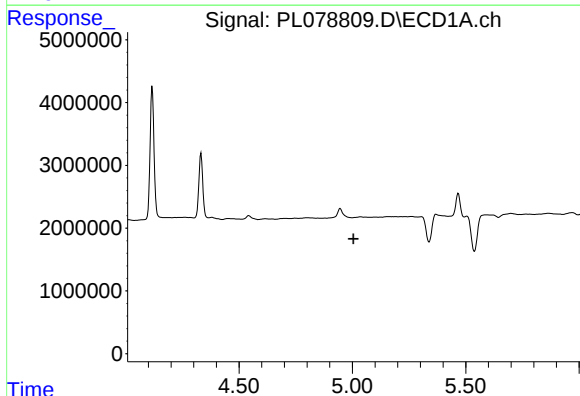
R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 4507910  
Conc: 2.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



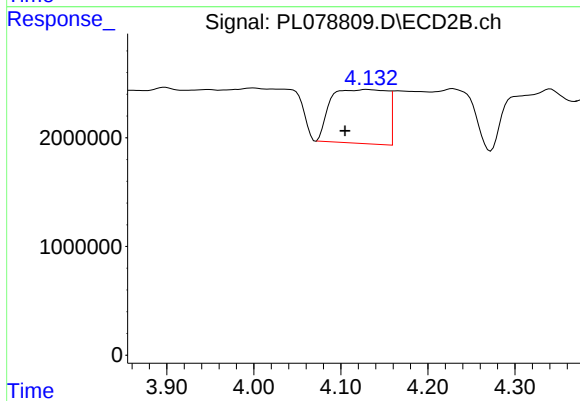
#21 Endrin ketone

R.T.: 6.562 min  
Delta R.T.: -0.004 min  
Response: 14176456  
Conc: 5.48 ng/ml



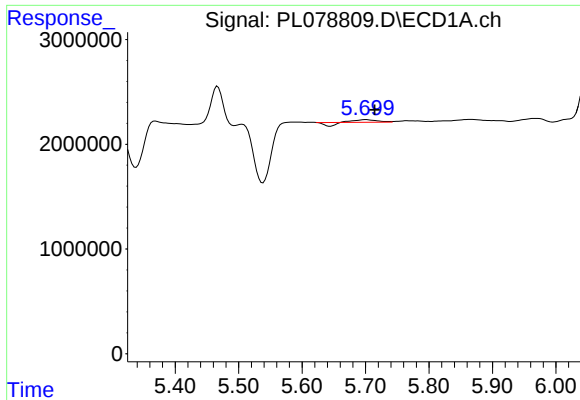
#24 Chlordane-2

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



#24 Chlordane-2

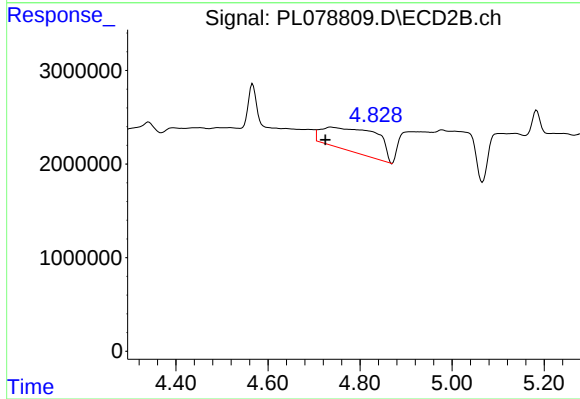
R.T.: 4.130 min  
Delta R.T.: 0.025 min  
Response: 22009872  
Conc: 206.81 ng/ml



#25 Chlordane-3

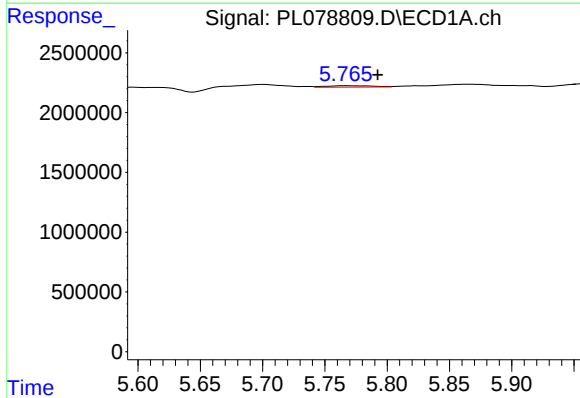
R.T.: 5.701 min  
Delta R.T.: -0.014 min  
Response: 278395  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



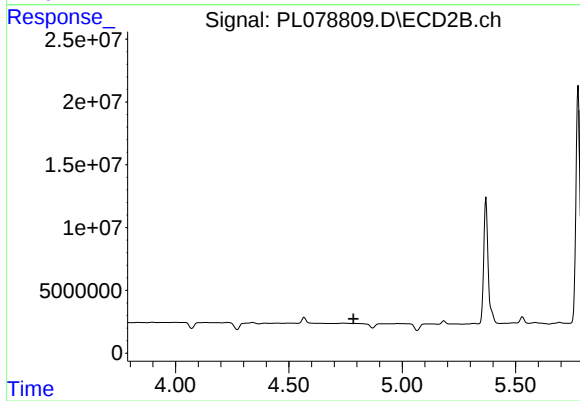
#25 Chlordane-3

R.T.: 4.736 min  
Delta R.T.: 0.012 min  
Response: 20934244  
Conc: 68.69 ng/ml



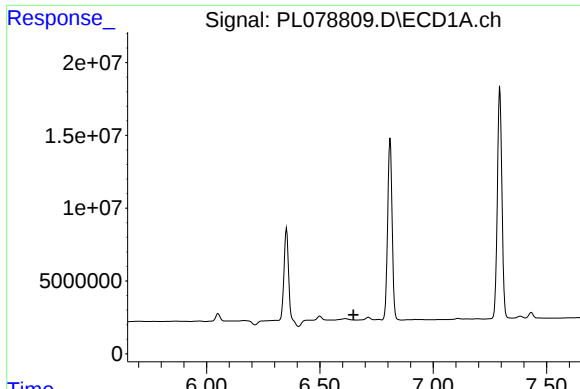
#26 Chlordane-4

R.T.: 5.766 min  
Delta R.T.: -0.026 min  
Response: 316951  
Conc: 0.77 ng/ml



#26 Chlordane-4

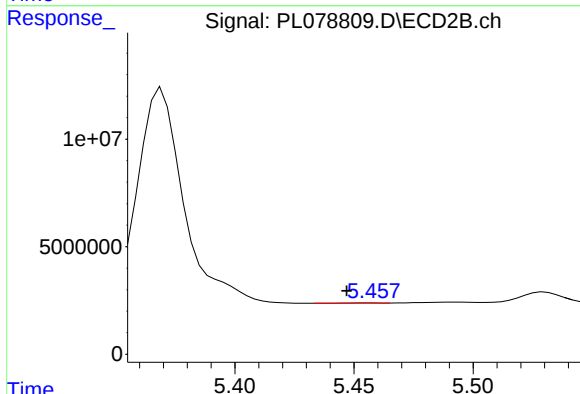
R.T.: 0.000 min  
Exp R.T.: 4.785 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

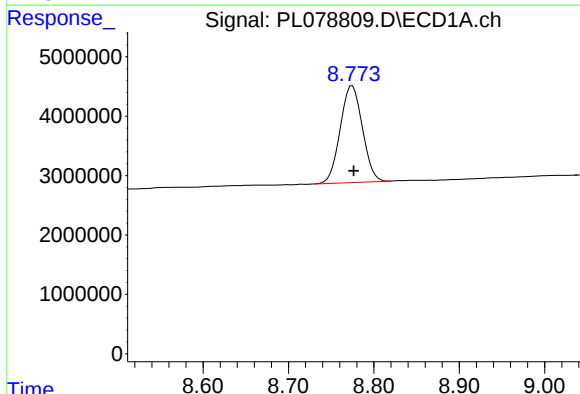
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



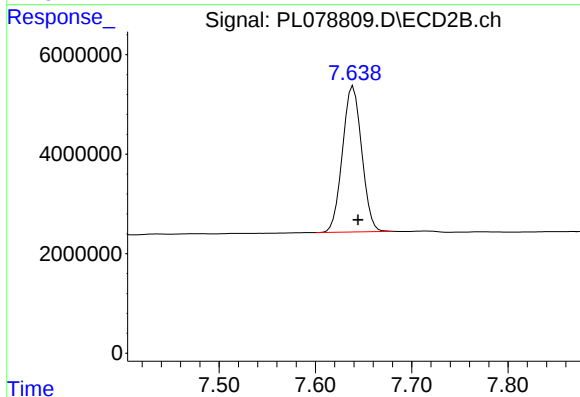
#27 Chlordane-5

R.T.: 5.458 min  
Delta R.T.: 0.011 min  
Response: 61167  
Conc: 0.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.775 min  
Delta R.T.: -0.002 min  
Response: 29425858  
Conc: 19.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 40575146  
Conc: 21.42 ng/ml