

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112322\  
 Data File : PL079392.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2022 18:31  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 24 00:11:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 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... | 3.318  | 2.565  | 43559638 | 53514028 | 19.282  | 19.660   |
| 28)                         | SA Decachlor... | 8.766  | 7.630  | 39397633 | 47918424 | 20.286  | 20.397   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.778  | 3.051  | 30230190 | 41722252 | 8.791   | 9.676    |
| 3)                          | MA gamma-BHC... | 4.111  | 3.372  | 29556649 | 37910984 | 9.120   | 9.737    |
| 4)                          | MA Heptachlor   | 0.000  | 3.672f | 0        | 17474357 | N.D.    | 4.541 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.946f | 0        | 54384    | N.D.    | 0.015 #  |
| 6)                          | B beta-BHC      | 4.326  | 3.672  | 14244306 | 17474357 | 10.088  | 11.533   |
| 8)                          | B Heptachlo...  | 5.457  | 4.480  | 1689165  | 916812   | 0.592   | 0.272 #  |
| 9)                          | A Endosulfan I  | 5.847  | 0.000  | 348157   | 0        | 0.131   | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.774  | 0.000  | 589662   | 0        | 0.205   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.966  | 4.972  | 632880   | 180762   | 0.253   | 0.059 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.087  | 0        | 730111   | N.D.    | 0.217 #  |
| 14)                         | MA Endrin       | 6.345  | 5.361  | 114.6E6  | 140.3E6  | 47.391  | 46.390   |
| 15)                         | B Endosulfa...  | 6.546f | 5.686f | 595284   | 426749   | 0.264   | 0.153 #  |
| 16)                         | A 4,4'-DDD      | 6.494  | 5.522  | 1264438  | 1738088  | 0.637   | 0.695    |
| 17)                         | MA 4,4'-DDT     | 6.803  | 5.768  | 228.0E6  | 263.4E6  | 100.514 | 100.788  |
| 18)                         | B Endrin al...  | 6.706  | 5.837  | 2397872  | 4936882  | 1.324   | 2.320 #  |
| 20)                         | A Methoxychlor  | 7.288  | 6.344  | 298.5E6  | 315.4E6  | 247.450 | 232.019  |
| 21)                         | B Endrin ke...  | 7.425  | 6.554  | 4525622  | 6212089  | 1.834   | 2.017    |
| 23)                         | Chlordane-1     | 0.000  | 3.505f | 0        | 218049   | N.D.    | 2.050 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.089  | 0        | 1571861  | N.D.    | 13.425 # |
| 26)                         | Chlordane-4     | 5.774  | 4.744f | 589662   | 1319956  | 1.159   | 3.643 #  |
| -----                       |                 |        |        |          |          |         |          |

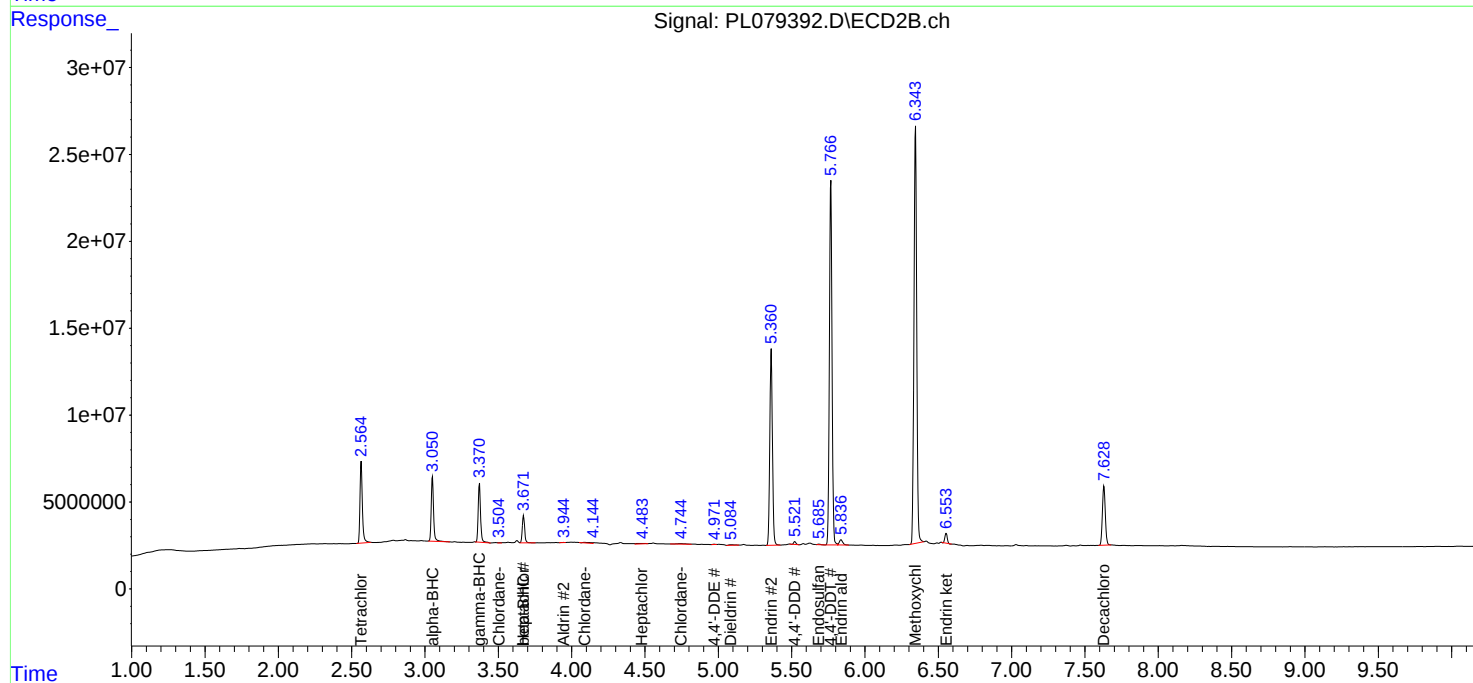
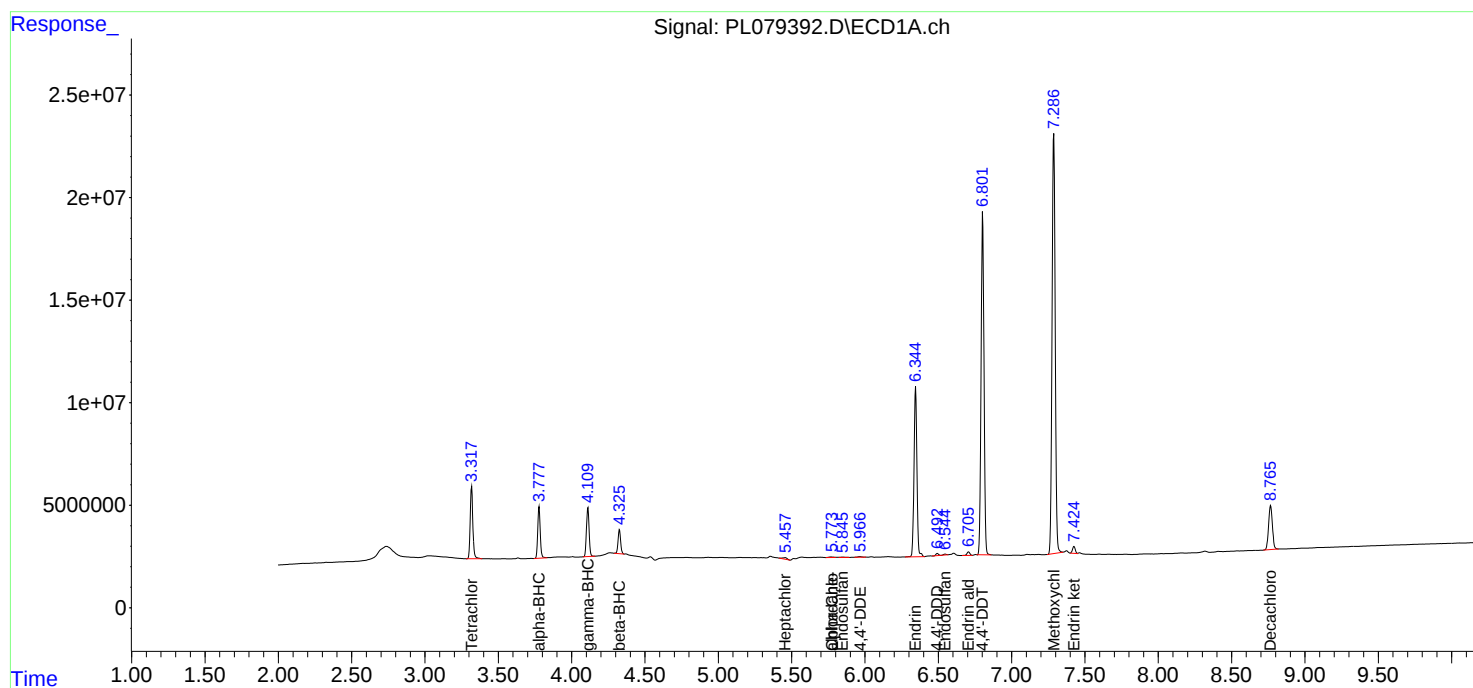
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

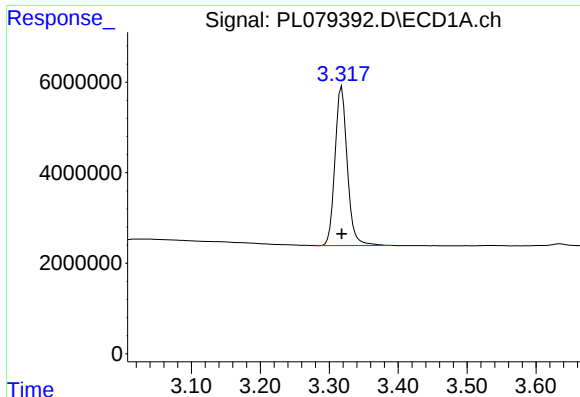
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112322\  
Data File : PL079392.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Nov 2022 18:31  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 24 00:11:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
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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

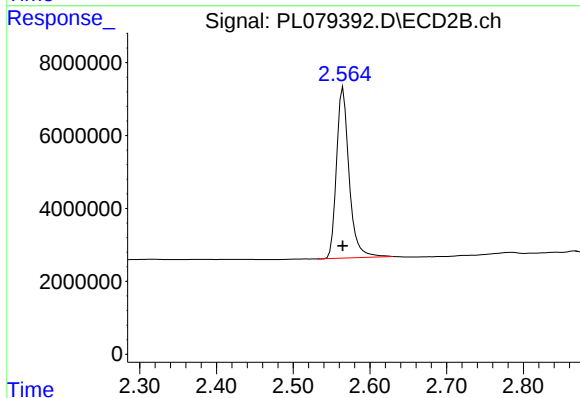




#1 Tetrachloro-m-xylene

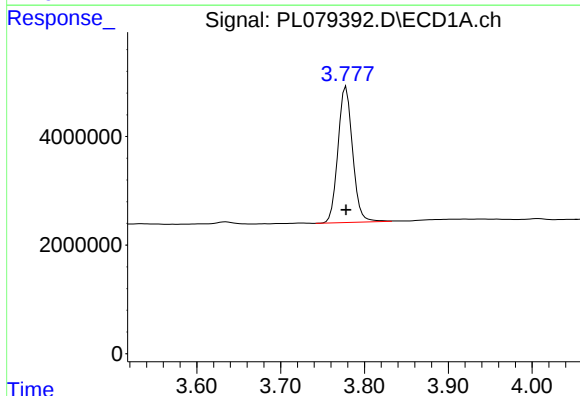
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 43559638  
Conc: 19.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



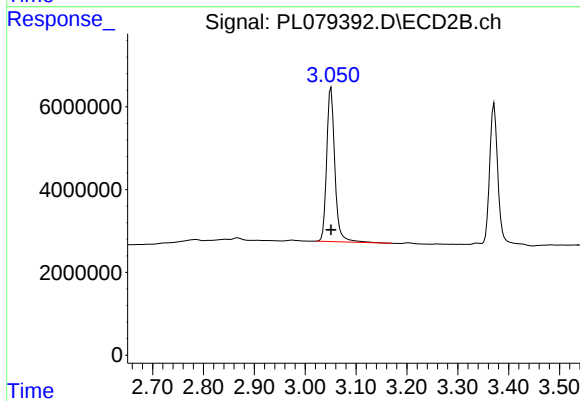
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: 0.000 min  
Response: 53514028  
Conc: 19.66 ng/ml



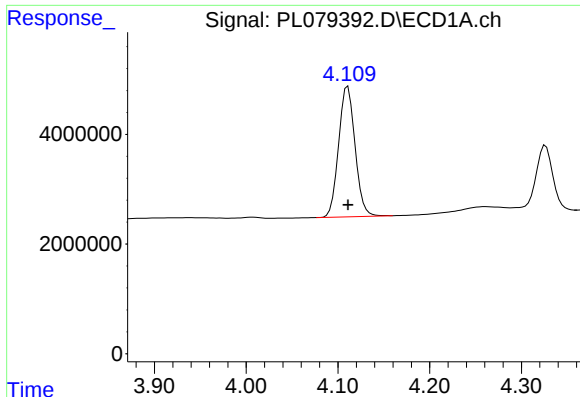
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 30230190  
Conc: 8.79 ng/ml



#2 alpha-BHC

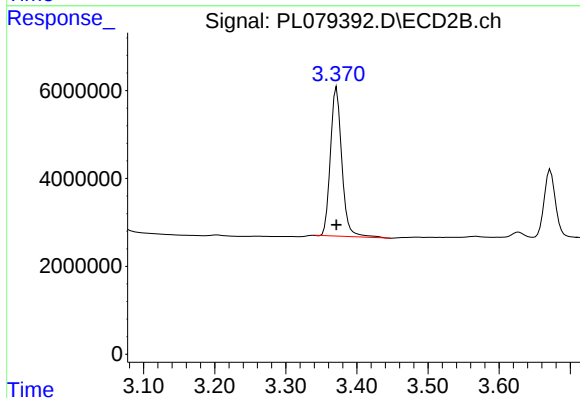
R.T.: 3.051 min  
Delta R.T.: 0.000 min  
Response: 41722252  
Conc: 9.68 ng/ml



#3 gamma-BHC (Lindane)

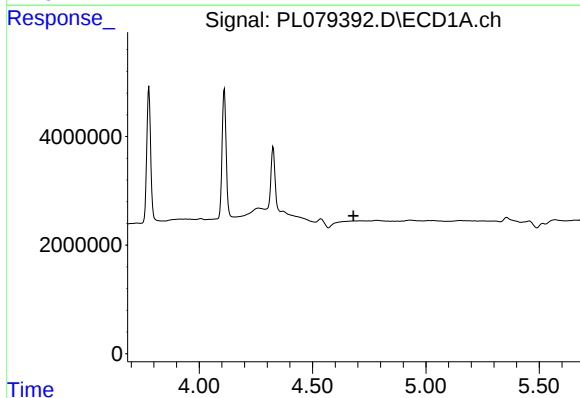
R.T.: 4.111 min  
Delta R.T.: 0.000 min  
Response: 29556649  
Conc: 9.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



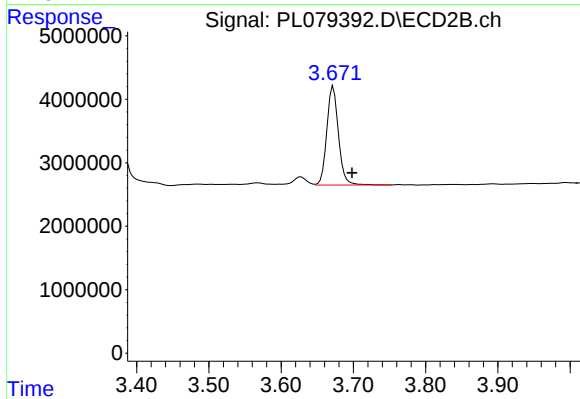
#3 gamma-BHC (Lindane)

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 37910984  
Conc: 9.74 ng/ml



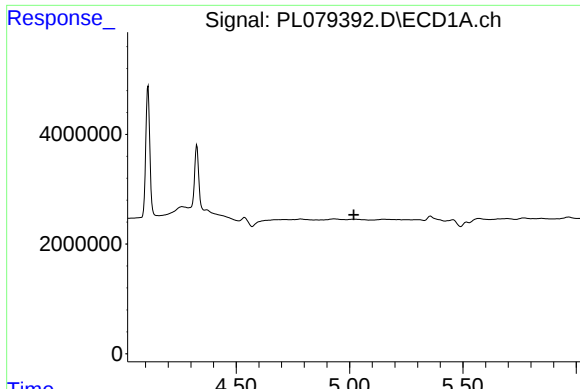
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.681 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

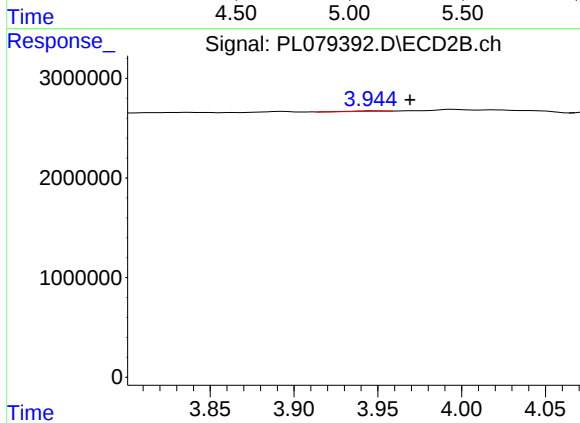
R.T.: 3.672 min  
Delta R.T.: -0.026 min  
Response: 17474357  
Conc: 4.54 ng/ml



#5 Aldrin

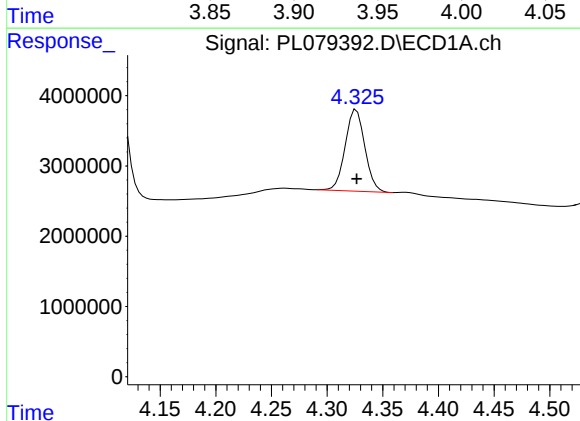
R.T.: 0.000 min  
Exp R.T.: 5.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



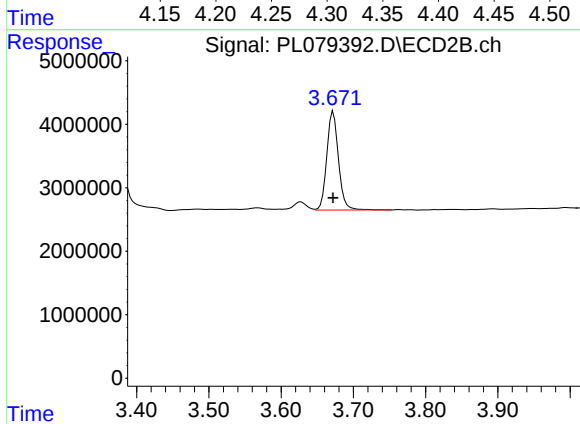
#5 Aldrin

R.T.: 3.946 min  
Delta R.T.: -0.023 min  
Response: 54384  
Conc: 0.01 ng/ml



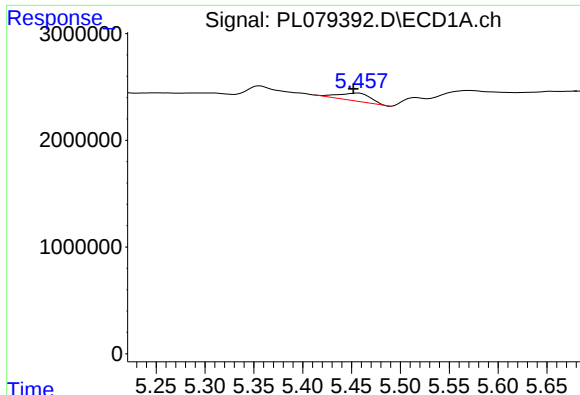
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 14244306  
Conc: 10.09 ng/ml



#6 beta-BHC

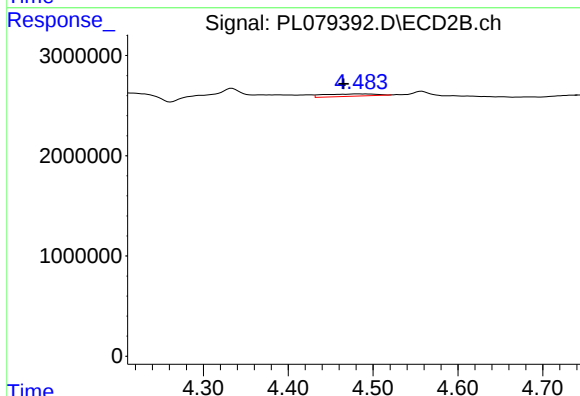
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 17474357  
Conc: 11.53 ng/ml



#8 Heptachlor epoxide

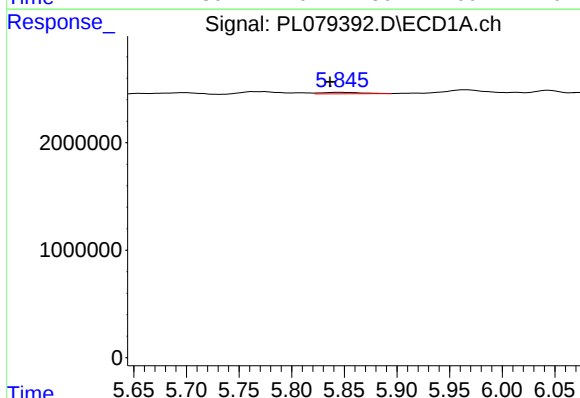
R.T.: 5.457 min  
Delta R.T.: 0.005 min  
Response: 1689165  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



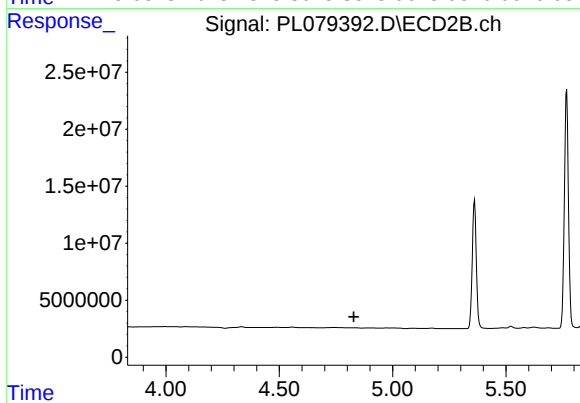
#8 Heptachlor epoxide

R.T.: 4.480 min  
Delta R.T.: 0.015 min  
Response: 916812  
Conc: 0.27 ng/ml



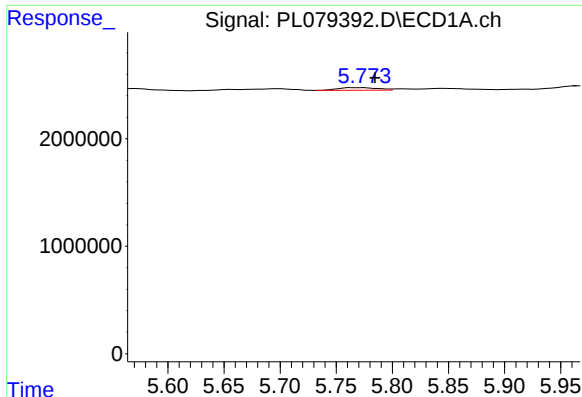
#9 Endosulfan I

R.T.: 5.847 min  
Delta R.T.: 0.010 min  
Response: 348157  
Conc: 0.13 ng/ml



#9 Endosulfan I

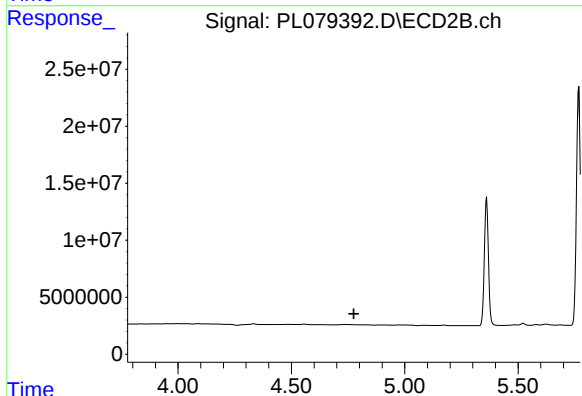
R.T.: 0.000 min  
Exp R.T.: 4.828 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

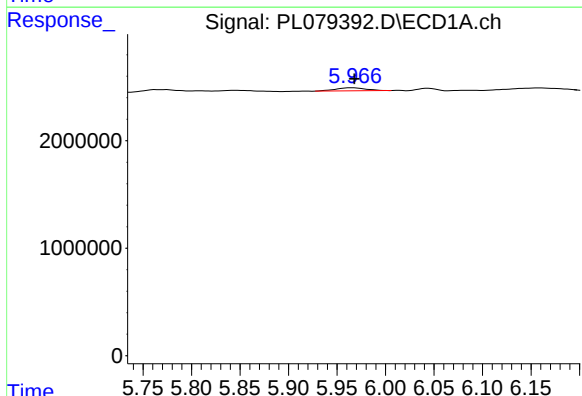
R.T.: 5.774 min  
Delta R.T.: -0.011 min  
Response: 589662  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



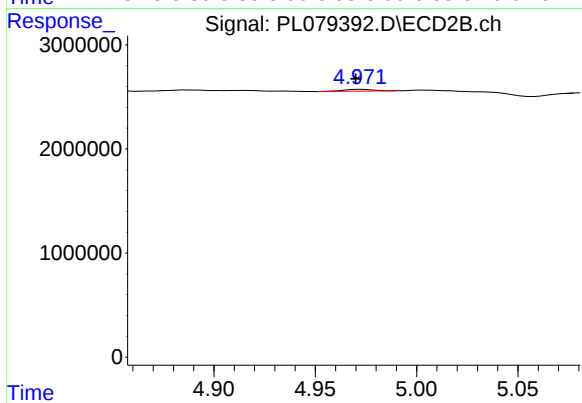
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.775 min  
Response: 0  
Conc: N.D.



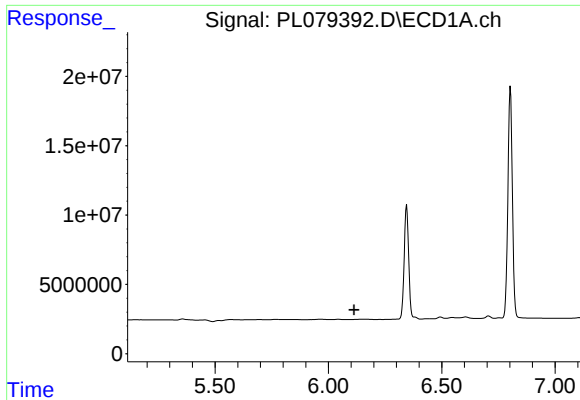
#12 4,4'-DDE

R.T.: 5.966 min  
Delta R.T.: -0.001 min  
Response: 632880  
Conc: 0.25 ng/ml



#12 4,4'-DDE

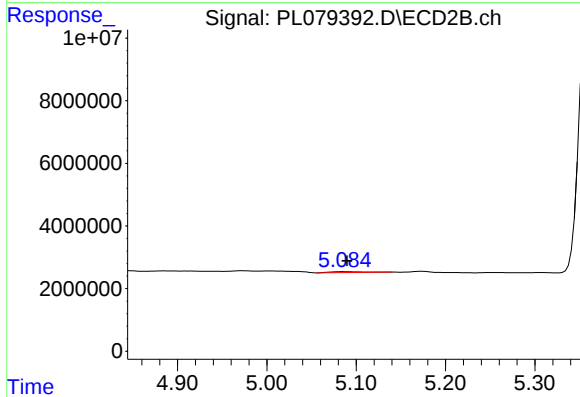
R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 180762  
Conc: 0.06 ng/ml



#13 Dieldrin

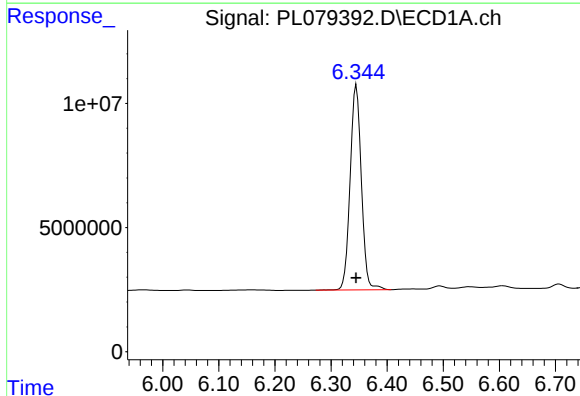
R.T.: 0.000 min  
Exp R.T.: 6.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



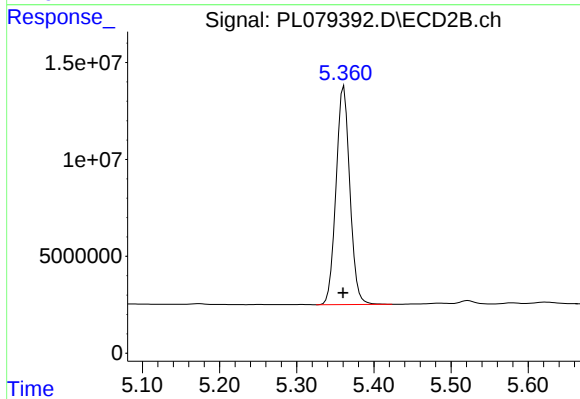
#13 Dieldrin

R.T.: 5.087 min  
Delta R.T.: -0.003 min  
Response: 730111  
Conc: 0.22 ng/ml



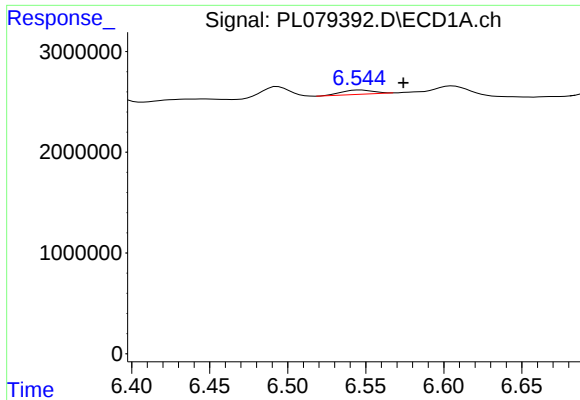
#14 Endrin

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 114647524  
Conc: 47.39 ng/ml



#14 Endrin

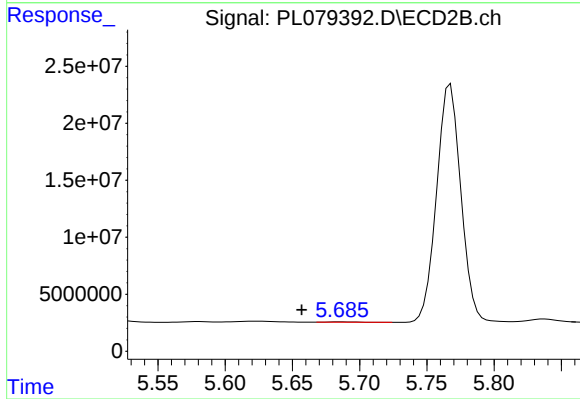
R.T.: 5.361 min  
Delta R.T.: 0.001 min  
Response: 140318544  
Conc: 46.39 ng/ml



#15 Endosulfan II

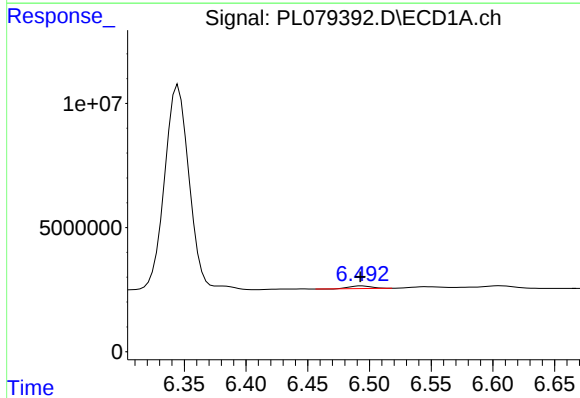
R.T.: 6.546 min  
Delta R.T.: -0.028 min  
Response: 595284  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



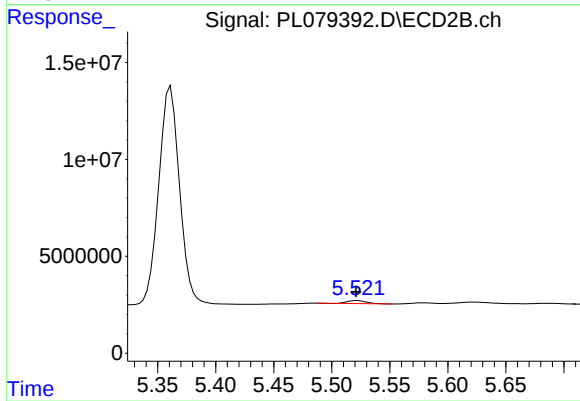
#15 Endosulfan II

R.T.: 5.686 min  
Delta R.T.: 0.029 min  
Response: 426749  
Conc: 0.15 ng/ml



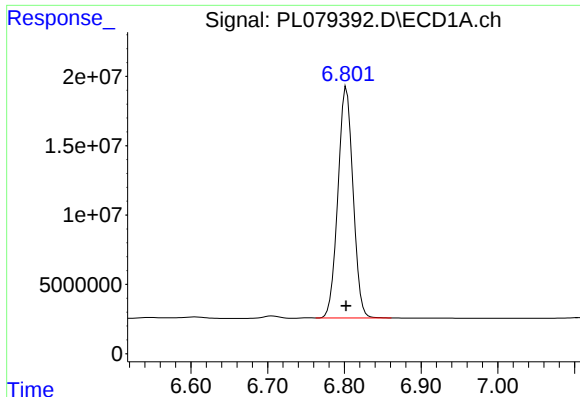
#16 4,4'-DDD

R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 1264438  
Conc: 0.64 ng/ml



#16 4,4'-DDD

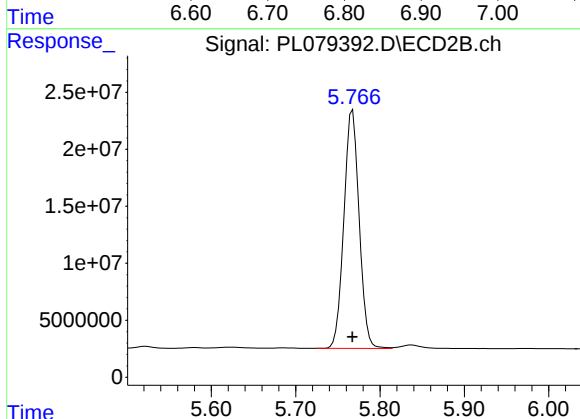
R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 1738088  
Conc: 0.69 ng/ml



#17 4,4'-DDT

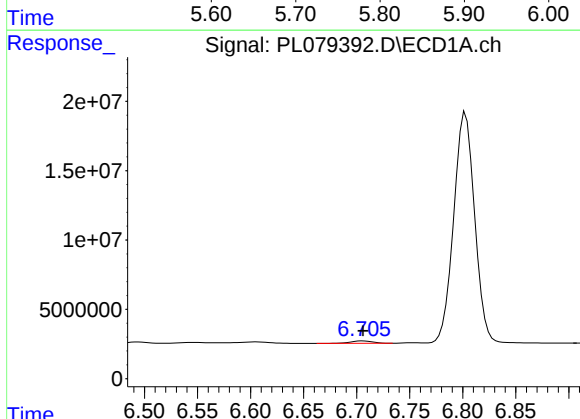
R.T.: 6.803 min  
Delta R.T.: 0.000 min  
Response: 228002157  
Conc: 100.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



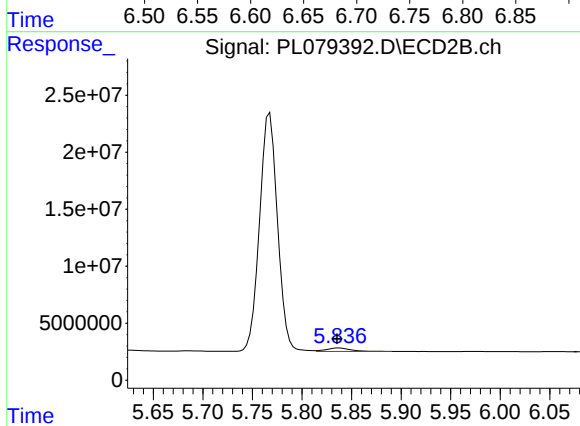
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 263418910  
Conc: 100.79 ng/ml



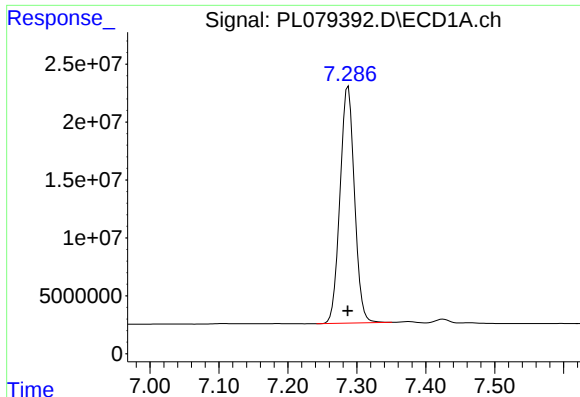
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 2397872  
Conc: 1.32 ng/ml



#18 Endrin aldehyde

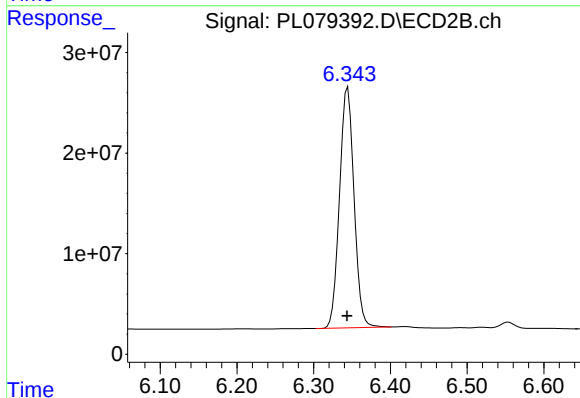
R.T.: 5.837 min  
Delta R.T.: 0.002 min  
Response: 4936882  
Conc: 2.32 ng/ml



#20 Methoxychlor

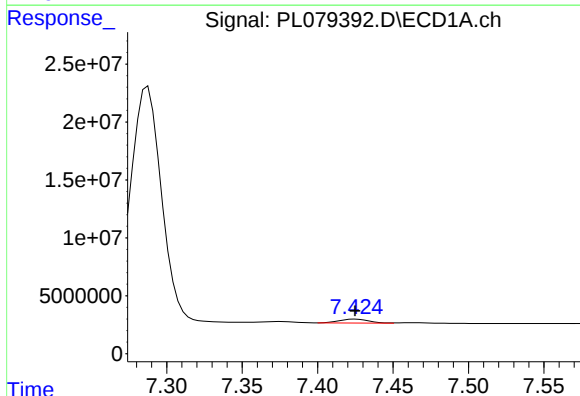
R.T.: 7.288 min  
Delta R.T.: 0.000 min  
Response: 298520899  
Conc: 247.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



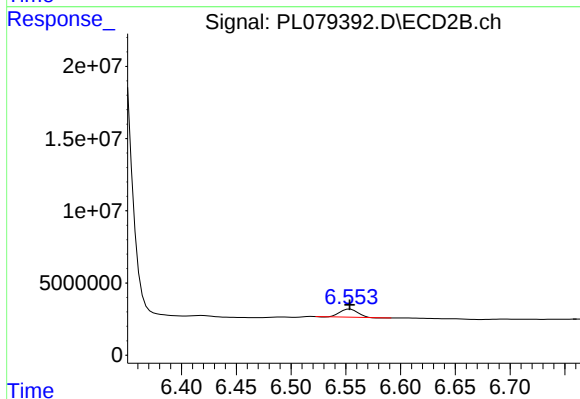
#20 Methoxychlor

R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 315353320  
Conc: 232.02 ng/ml



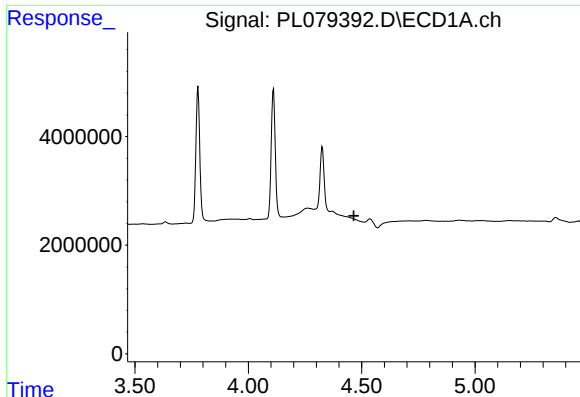
#21 Endrin ketone

R.T.: 7.425 min  
Delta R.T.: 0.000 min  
Response: 4525622  
Conc: 1.83 ng/ml



#21 Endrin ketone

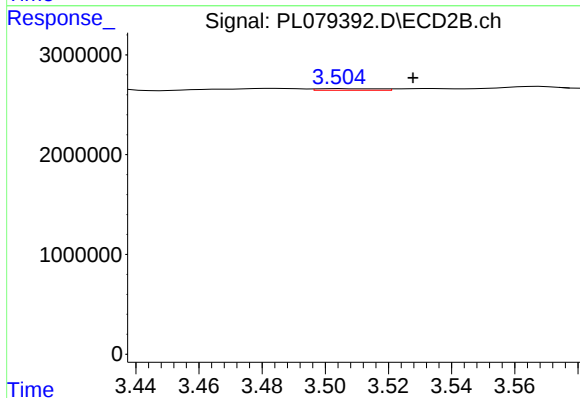
R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 6212089  
Conc: 2.02 ng/ml



#23 Chlordane-1

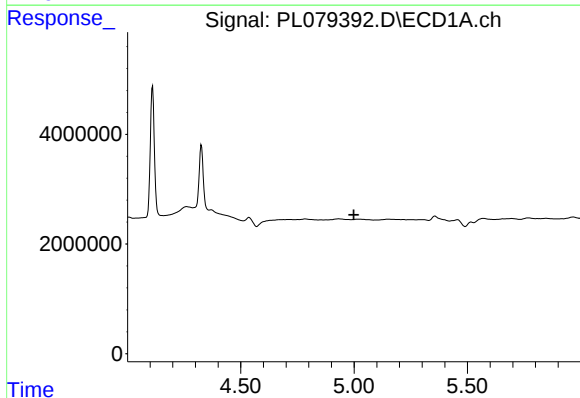
R.T.: 0.000 min  
Exp R.T.: 4.465 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



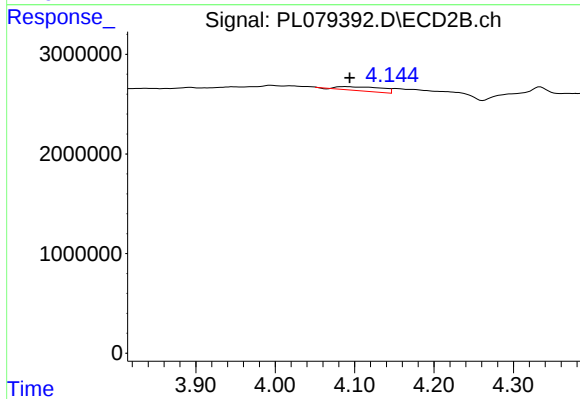
#23 Chlordane-1

R.T.: 3.505 min  
Delta R.T.: -0.023 min  
Response: 218049  
Conc: 2.05 ng/ml



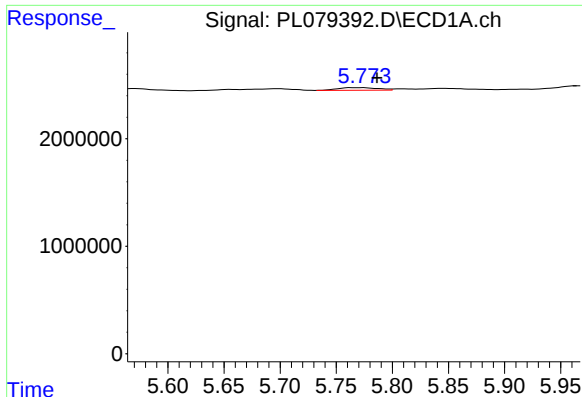
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.999 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

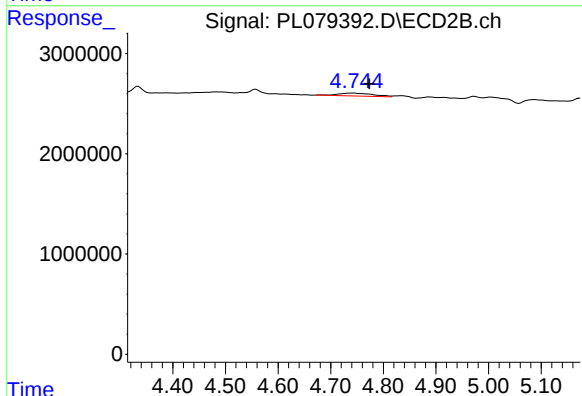
R.T.: 4.089 min  
Delta R.T.: -0.005 min  
Response: 1571861  
Conc: 13.43 ng/ml



#26 Chlordane-4

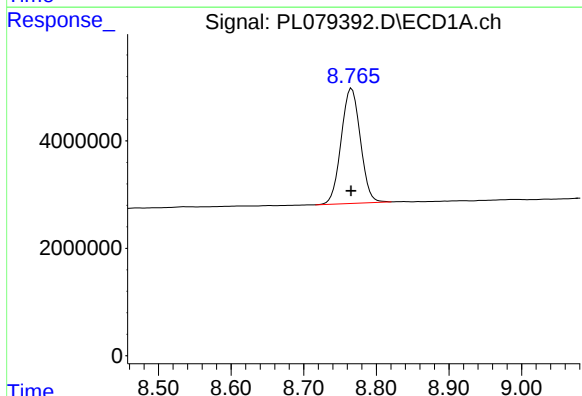
R.T.: 5.774 min  
Delta R.T.: -0.013 min  
Response: 589662  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



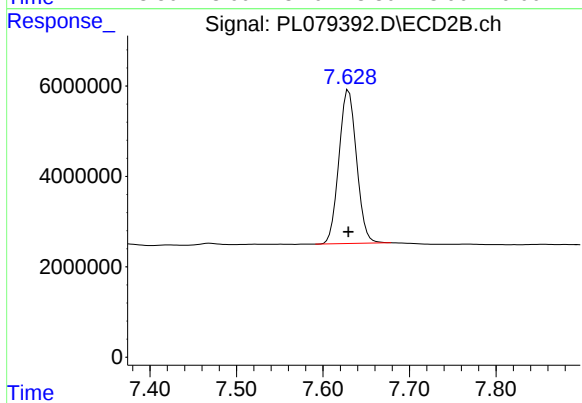
#26 Chlordane-4

R.T.: 4.744 min  
Delta R.T.: -0.030 min  
Response: 1319956  
Conc: 3.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.766 min  
Delta R.T.: 0.000 min  
Response: 39397633  
Conc: 20.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 47918424  
Conc: 20.40 ng/ml