

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121323\  
 Data File : PL087141.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2023 17:32  
 Operator : AR\AJ  
 Sample : 05791-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 23:34:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 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... | 3.456  | 2.704  | 51177652 | 16105259 | 14.027 | 16.307    |
| 28)                         | SA Decachlor... | 9.051  | 7.903  | 42574364 | 12035511 | 14.066 | 11.749    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.885f | 3.197  | 1530656  | 315020   | 0.291  | 0.239     |
| 3)                          | MA gamma-BHC... | 4.269f | 3.538  | 769149   | 387738   | 0.157  | 0.296 #   |
| 4)                          | MA Heptachlor   | 4.845  | 3.886  | 5452579  | -108444  | 1.076  | N.D. #    |
| 5)                          | MB Aldrin       | 5.190  | 4.167  | 575542   | 7893     | 0.120  | 0.006 #   |
| 7)                          | B delta-BHC     | 4.703  | 4.076  | 25819443 | 87018    | 5.644  | 0.068 #   |
| 8)                          | B Heptachlo...  | 0.000  | 4.677  | 0        | 806950   | N.D.   | 0.699 #   |
| 9)                          | A Endosulfan I  | 5.997  | 5.057  | 937217   | 1158167  | 0.232  | 0.953 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.931  | 0        | 1845430  | N.D.   | 1.508 #   |
| 11)                         | B alpha-Chl...  | 5.964  | 4.997  | 1355206  | 15222065 | 0.317  | 12.099 #  |
| 12)                         | B 4,4'-DDE      | 6.142  | 5.189  | 1390181  | 134451   | 0.425  | 0.129 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.322  | 0        | 74800    | N.D.   | 0.064 #   |
| 14)                         | MA Endrin       | 0.000  | 5.591  | 0        | 58312    | N.D.   | 0.057 #   |
| 15)                         | B Endosulfa...  | 6.742  | 5.868f | 3576738  | 496578   | 0.987  | 0.507 #   |
| 16)                         | A 4,4'-DDD      | 6.664  | 5.760  | 2313023  | 162869   | 0.951  | 0.196 #   |
| 17)                         | MA 4,4'-DDT     | 6.975  | 6.000  | 3750232  | 60067    | 1.327  | 0.068 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.083  | 0        | 1008021  | N.D.   | 1.265 #   |
| 20)                         | A Methoxychlor  | 7.481  | 6.591  | 171226   | 264271   | 0.117  | 0.485 #   |
| 22)                         | Mirex           | 8.065  | 0.000  | 4217829  | 0        | 1.433  | N.D. #    |
| 23)                         | Chlordane-1     | 4.640  | 3.719  | -1329638 | 1080611  | N.D.   | 31.954    |
| 24)                         | Chlordane-2     | 5.190f | 4.272f | 575542   | 590685   | 3.623  | 13.881 #  |
| 25)                         | Chlordane-3     | 0.000  | 4.931  | 0        | 1845430  | N.D.   | 15.382 #  |
| 26)                         | Chlordane-4     | 5.964  | 4.997  | 1355206  | 15222065 | 1.799  | 114.307 # |
| -----                       |                 |        |        |          |          |        |           |

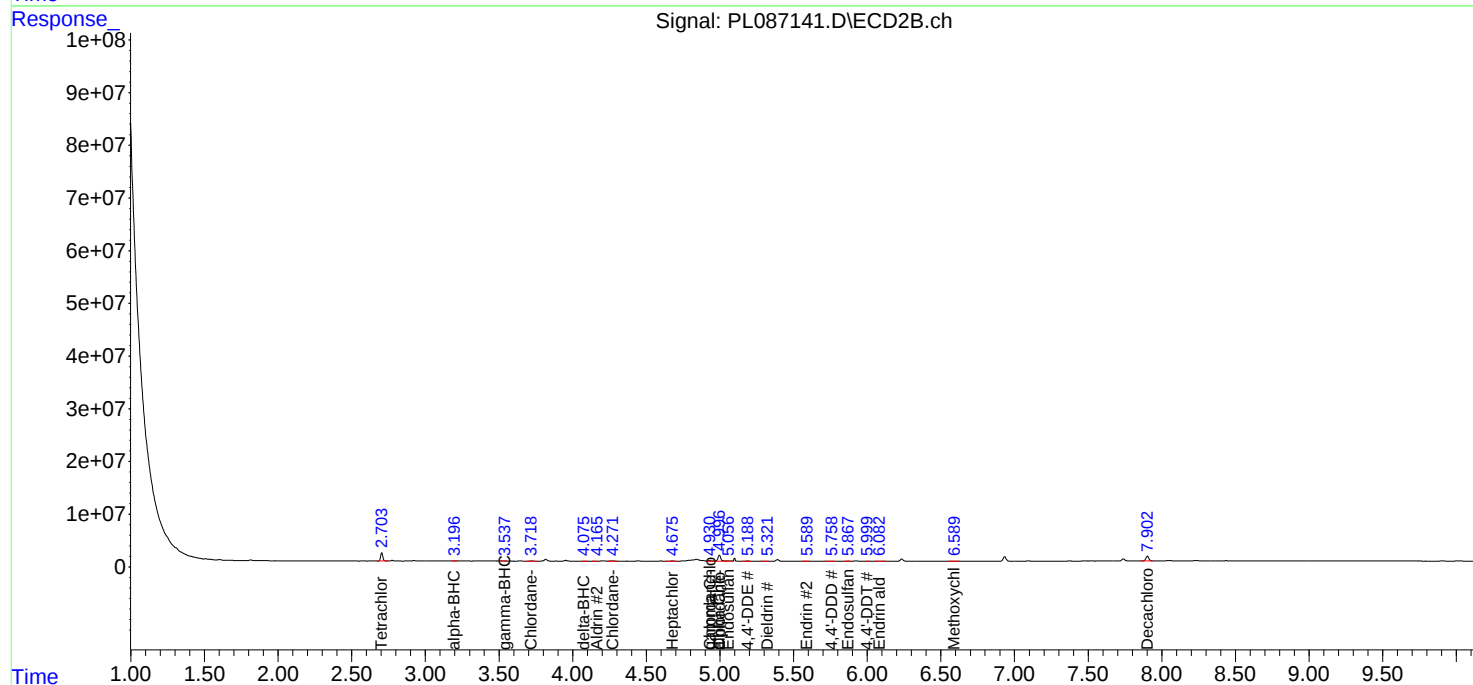
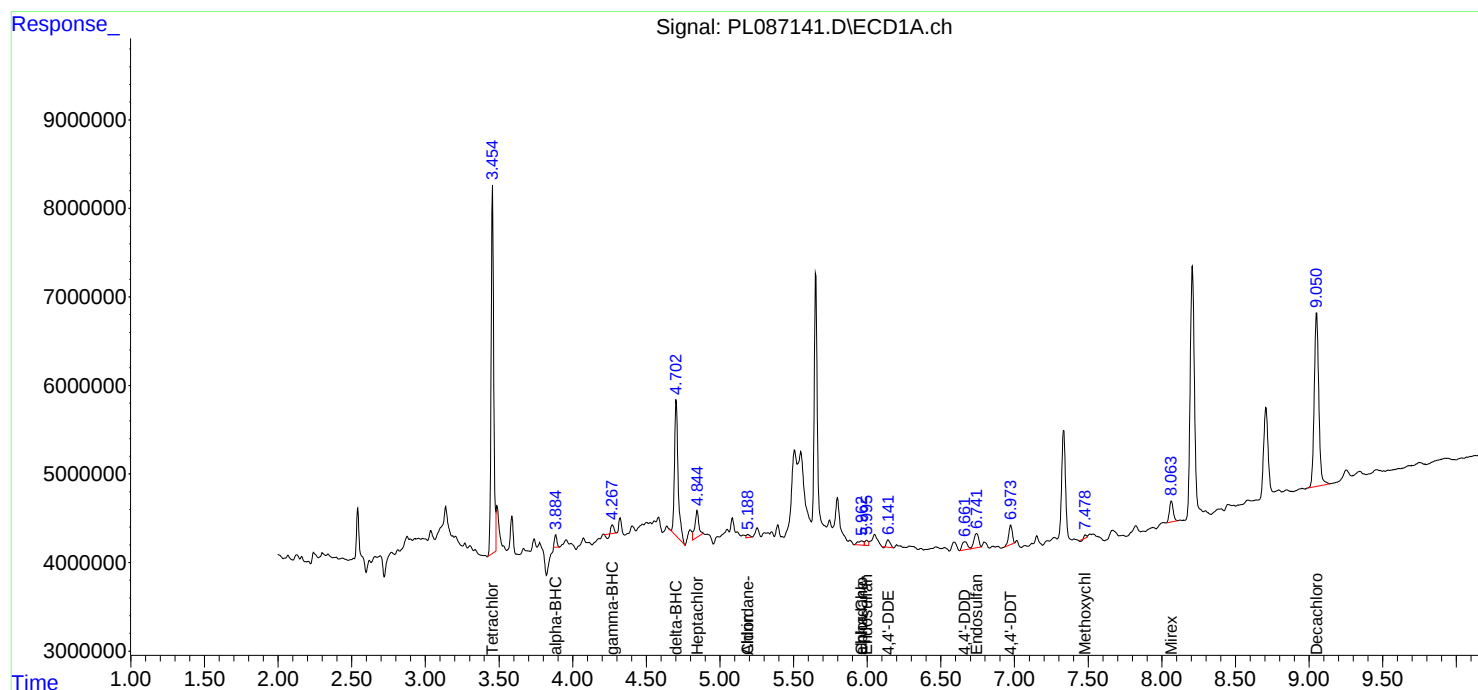
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

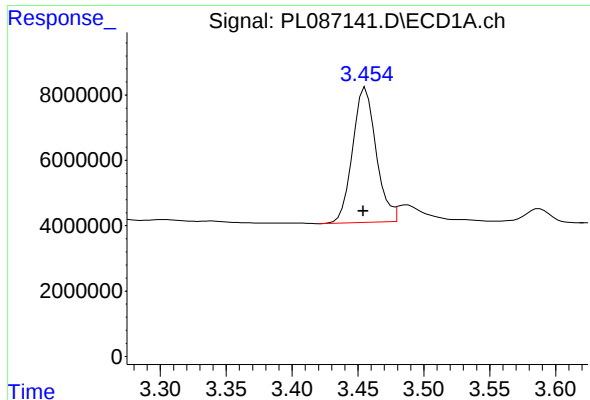
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121323\  
Data File : PL087141.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2023 17:32  
Operator : AR\AJ  
Sample : 05791-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 23:34:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 12 17:22:26 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

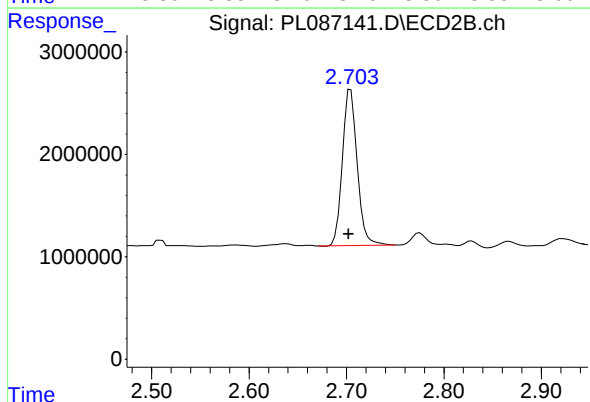




#1 Tetrachloro-m-xylene

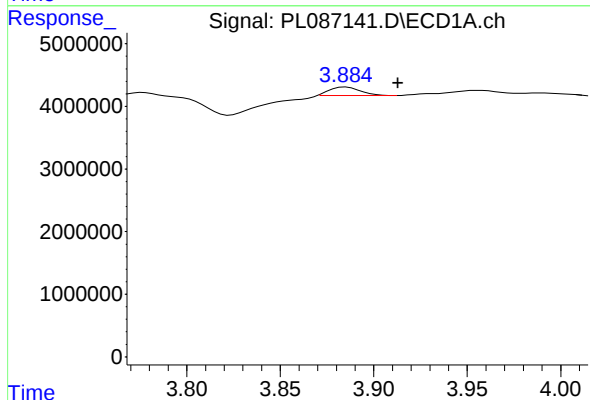
R.T.: 3.456 min  
Delta R.T.: 0.002 min  
Response: 51177652  
Conc: 14.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



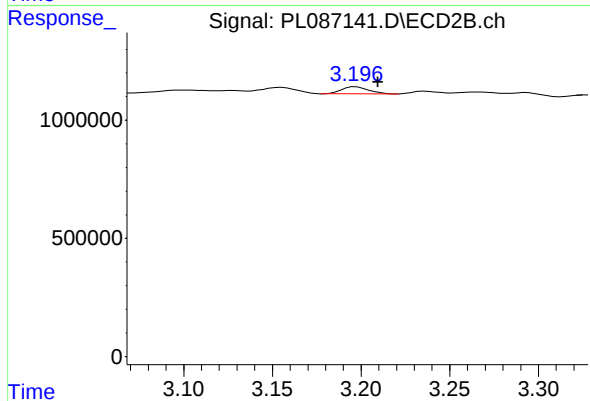
#1 Tetrachloro-m-xylene

R.T.: 2.704 min  
Delta R.T.: 0.002 min  
Response: 16105259  
Conc: 16.31 ng/ml



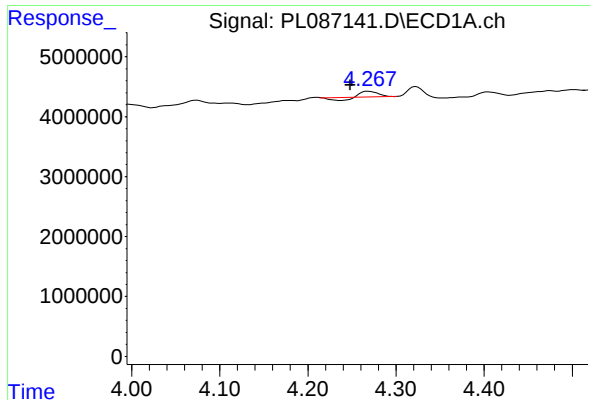
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: -0.028 min  
Response: 1530656  
Conc: 0.29 ng/ml



#2 alpha-BHC

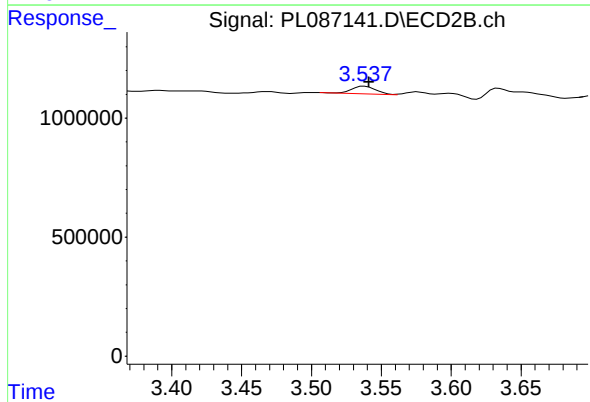
R.T.: 3.197 min  
Delta R.T.: -0.012 min  
Response: 315020  
Conc: 0.24 ng/ml



#3 gamma-BHC (Lindane)

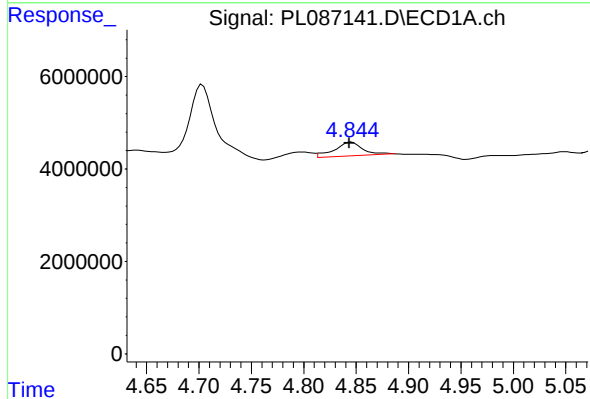
R.T.: 4.269 min  
Delta R.T.: 0.021 min  
Response: 769149  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



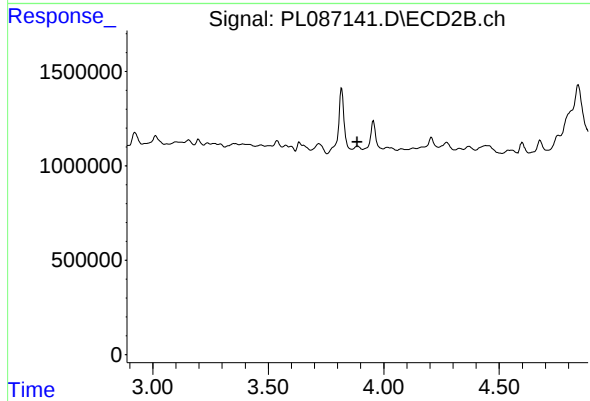
#3 gamma-BHC (Lindane)

R.T.: 3.538 min  
Delta R.T.: -0.003 min  
Response: 387738  
Conc: 0.30 ng/ml



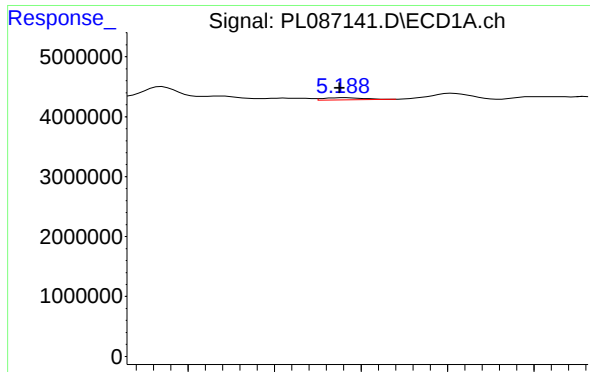
#4 Heptachlor

R.T.: 4.845 min  
Delta R.T.: 0.002 min  
Response: 5452579  
Conc: 1.08 ng/ml



#4 Heptachlor

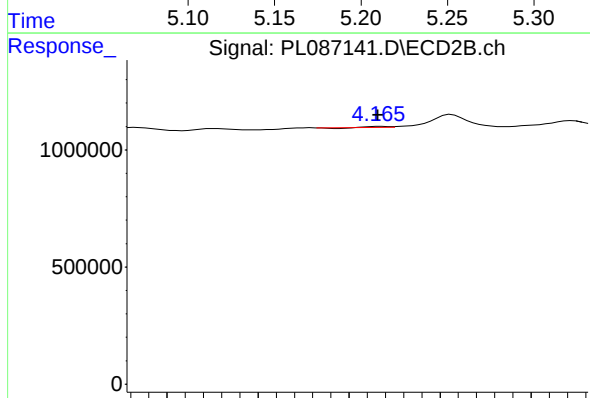
R.T.: 3.886 min  
Delta R.T.: 0.000 min  
Response: -108444  
Conc: N.D.



#5 Aldrin

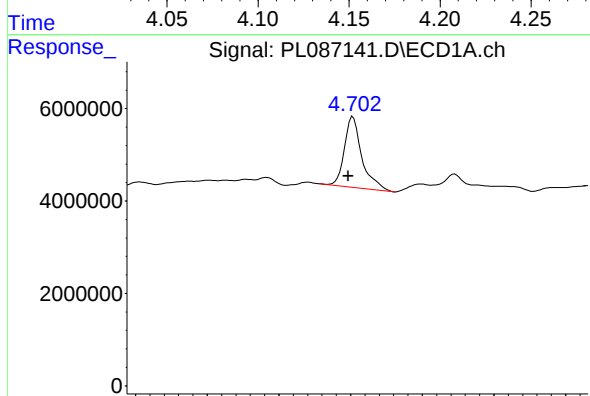
R.T.: 5.190 min  
Delta R.T.: 0.003 min  
Response: 575542  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



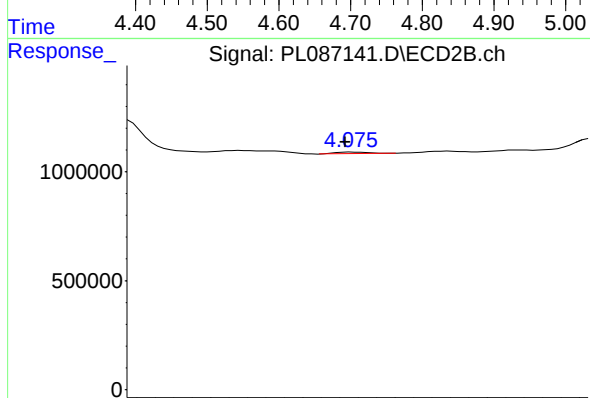
#5 Aldrin

R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 7893  
Conc: 0.01 ng/ml



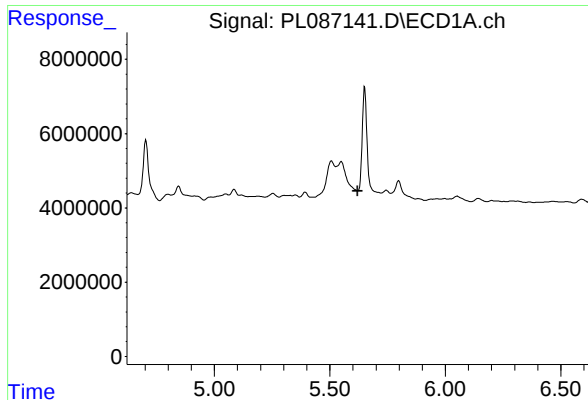
#7 delta-BHC

R.T.: 4.703 min  
Delta R.T.: 0.007 min  
Response: 25819443  
Conc: 5.64 ng/ml



#7 delta-BHC

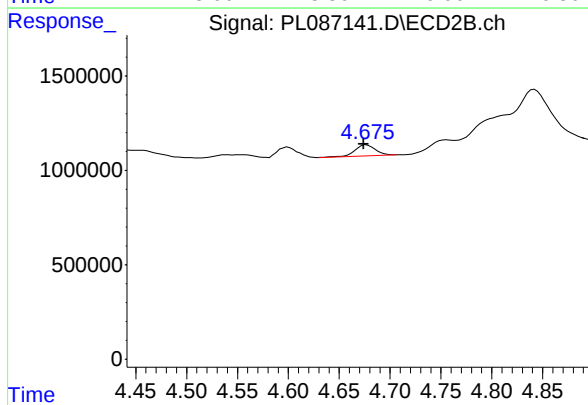
R.T.: 4.076 min  
Delta R.T.: 0.003 min  
Response: 87018  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

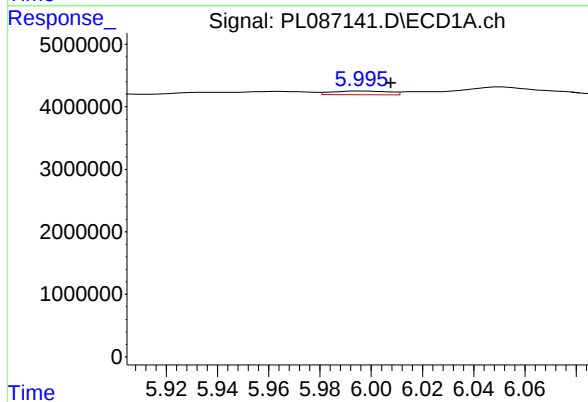
R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



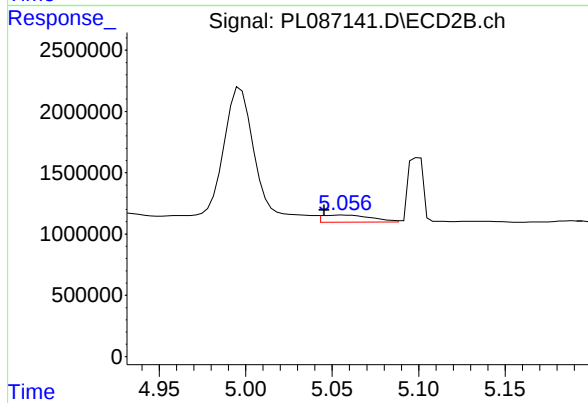
#8 Heptachlor epoxide

R.T.: 4.677 min  
Delta R.T.: 0.003 min  
Response: 806950  
Conc: 0.70 ng/ml



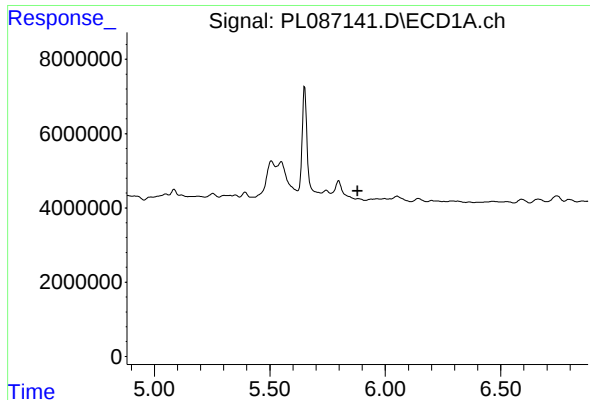
#9 Endosulfan I

R.T.: 5.997 min  
Delta R.T.: -0.011 min  
Response: 937217  
Conc: 0.23 ng/ml



#9 Endosulfan I

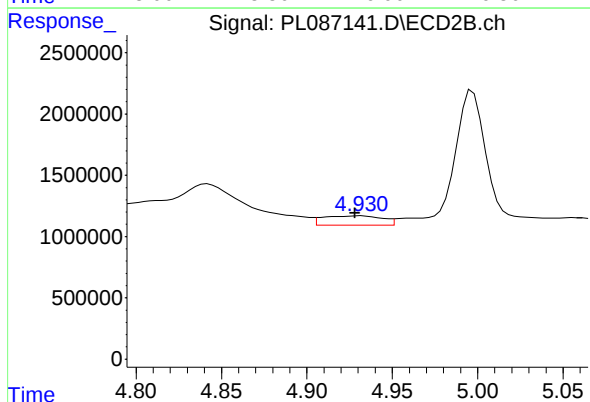
R.T.: 5.057 min  
Delta R.T.: 0.012 min  
Response: 1158167  
Conc: 0.95 ng/ml



#10 gamma-Chlordane

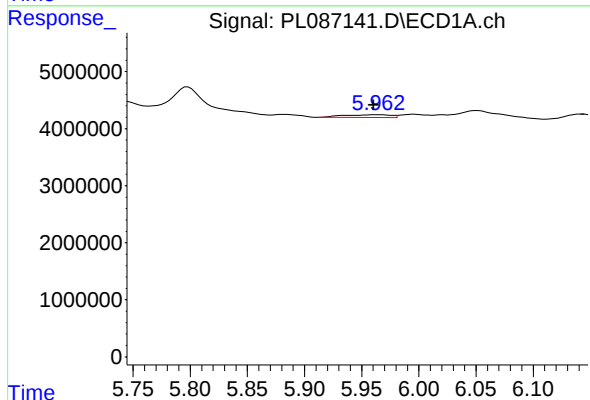
R.T.: 0.000 min  
Exp R.T.: 5.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



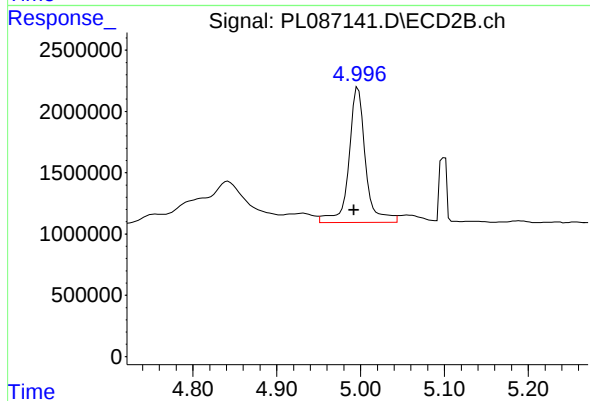
#10 gamma-Chlordane

R.T.: 4.931 min  
Delta R.T.: 0.003 min  
Response: 1845430  
Conc: 1.51 ng/ml



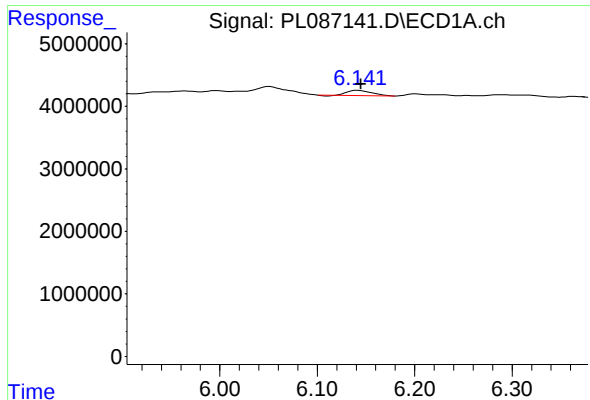
#11 alpha-Chlordane

R.T.: 5.964 min  
Delta R.T.: 0.003 min  
Response: 1355206  
Conc: 0.32 ng/ml



#11 alpha-Chlordane

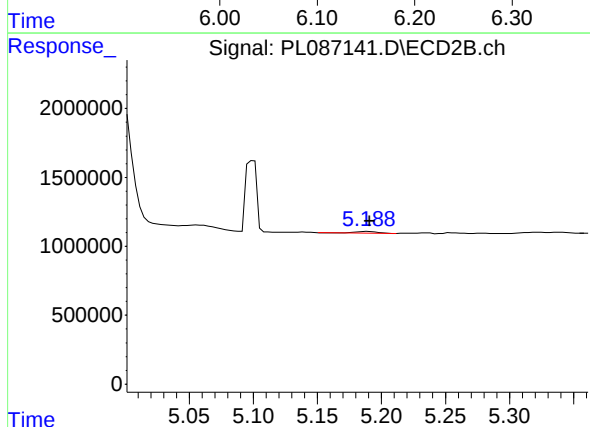
R.T.: 4.997 min  
Delta R.T.: 0.005 min  
Response: 15222065  
Conc: 12.10 ng/ml



#12 4,4'-DDE

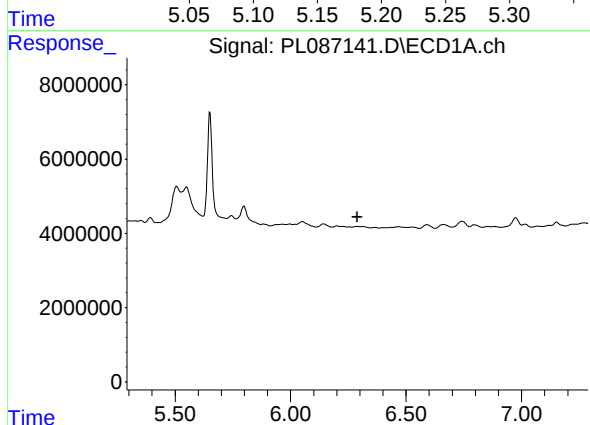
R.T.: 6.142 min  
Delta R.T.: -0.003 min  
Response: 1390181  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



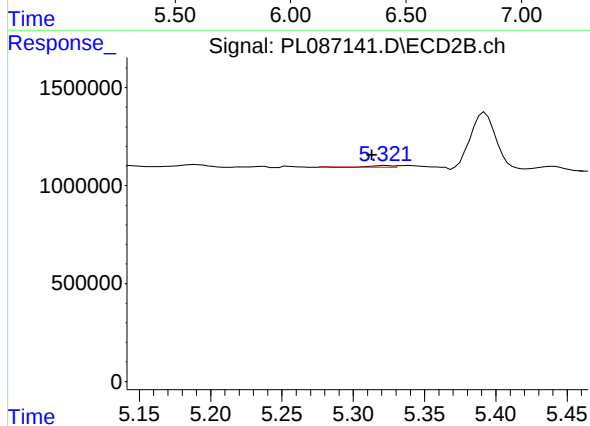
#12 4,4'-DDE

R.T.: 5.189 min  
Delta R.T.: -0.001 min  
Response: 134451  
Conc: 0.13 ng/ml



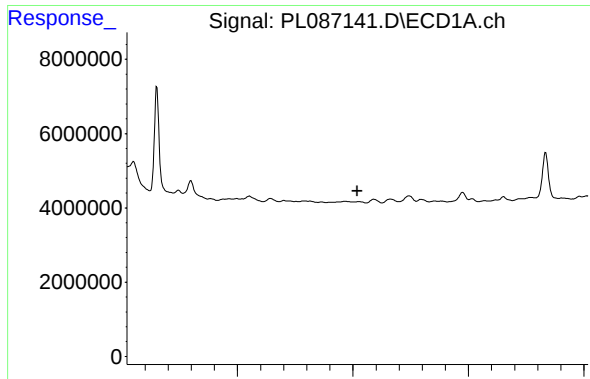
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.288 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

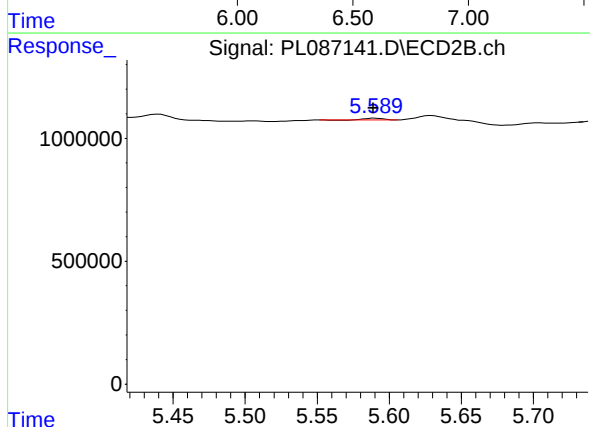
R.T.: 5.322 min  
Delta R.T.: 0.009 min  
Response: 74800  
Conc: 0.06 ng/ml



#14 Endrin

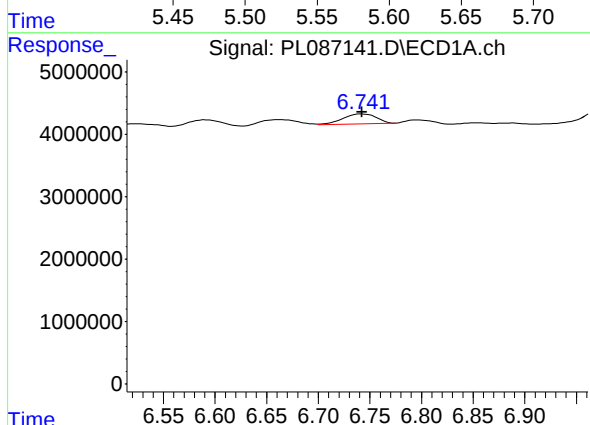
R.T.: 0.000 min  
Exp R.T.: 6.518 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



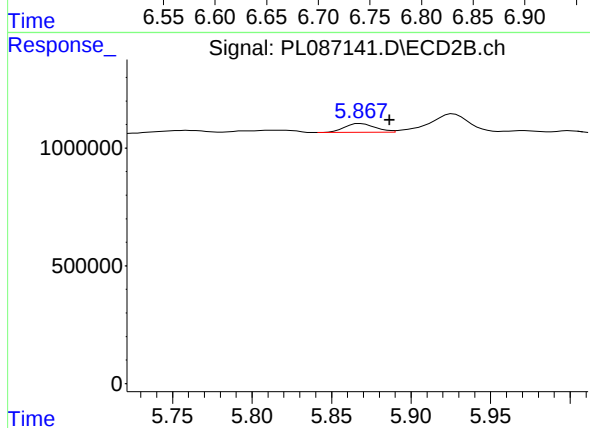
#14 Endrin

R.T.: 5.591 min  
Delta R.T.: 0.002 min  
Response: 58312  
Conc: 0.06 ng/ml



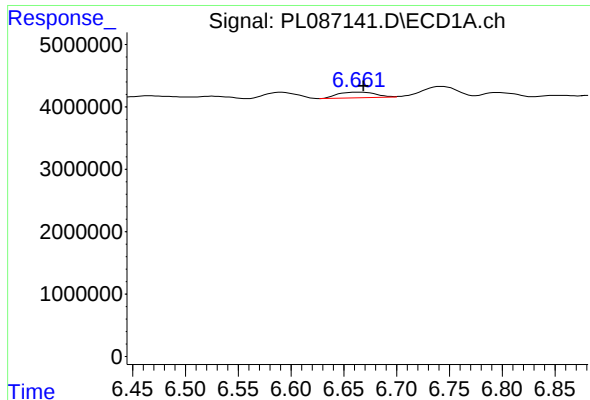
#15 Endosulfan II

R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 3576738  
Conc: 0.99 ng/ml



#15 Endosulfan II

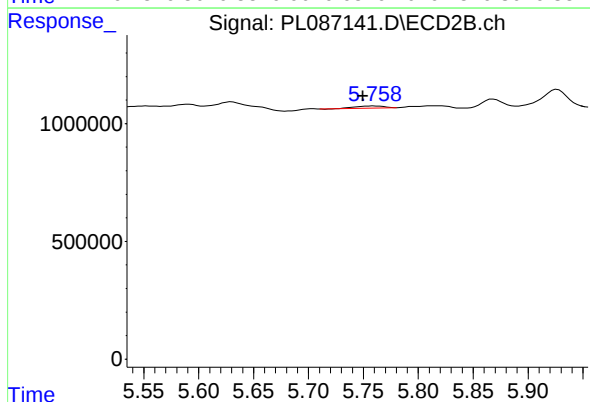
R.T.: 5.868 min  
Delta R.T.: -0.018 min  
Response: 496578  
Conc: 0.51 ng/ml



#16 4,4'-DDD

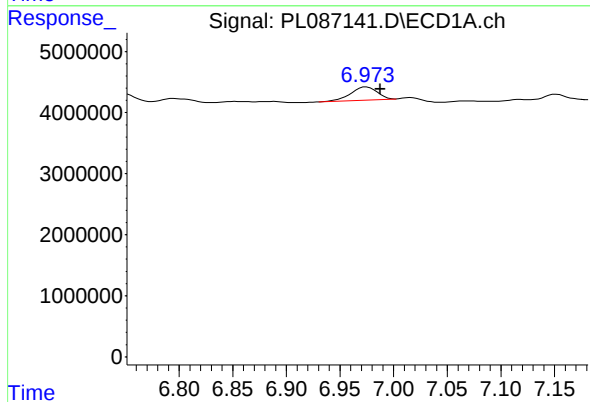
R.T.: 6.664 min  
Delta R.T.: -0.005 min  
Response: 2313023  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



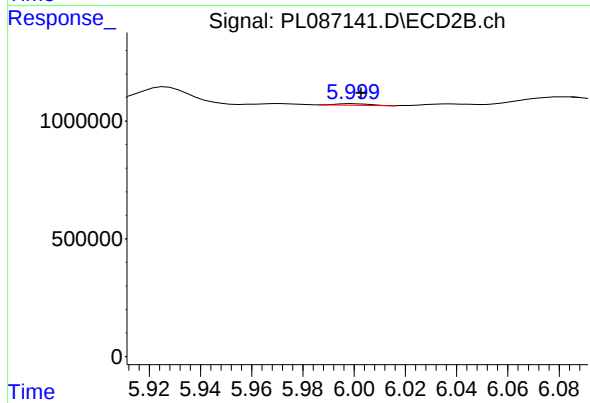
#16 4,4'-DDD

R.T.: 5.760 min  
Delta R.T.: 0.011 min  
Response: 162869  
Conc: 0.20 ng/ml



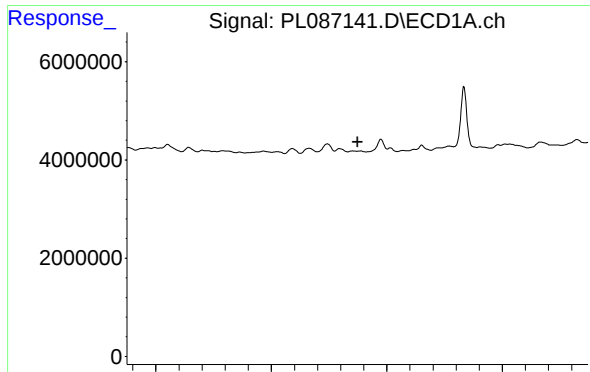
#17 4,4'-DDT

R.T.: 6.975 min  
Delta R.T.: -0.013 min  
Response: 3750232  
Conc: 1.33 ng/ml



#17 4,4'-DDT

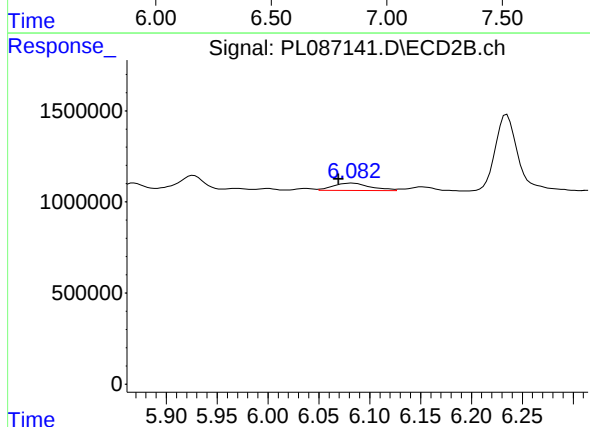
R.T.: 6.000 min  
Delta R.T.: -0.003 min  
Response: 60067  
Conc: 0.07 ng/ml



#18 Endrin aldehyde

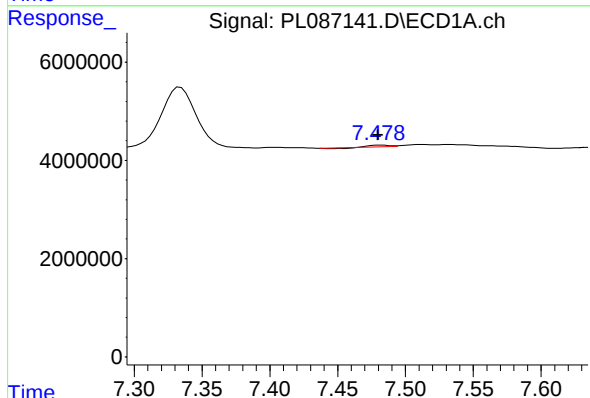
R.T.: 0.000 min  
Exp R.T.: 6.874 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



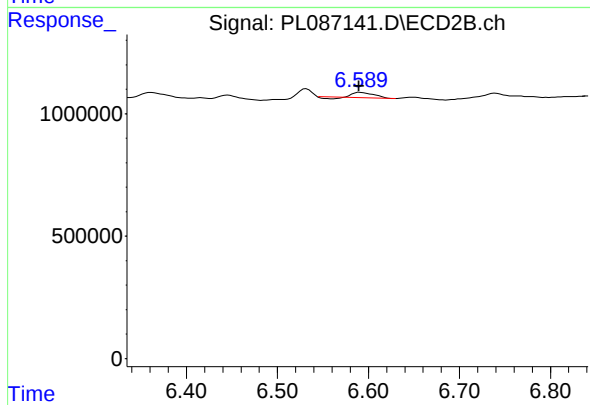
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: 0.014 min  
Response: 1008021  
Conc: 1.27 ng/ml



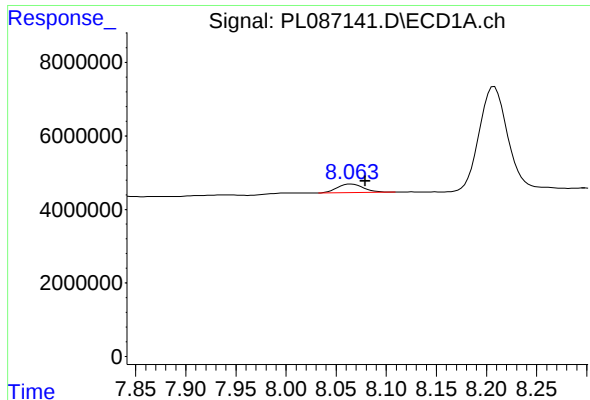
#20 Methoxychlor

R.T.: 7.481 min  
Delta R.T.: 0.001 min  
Response: 171226  
Conc: 0.12 ng/ml



#20 Methoxychlor

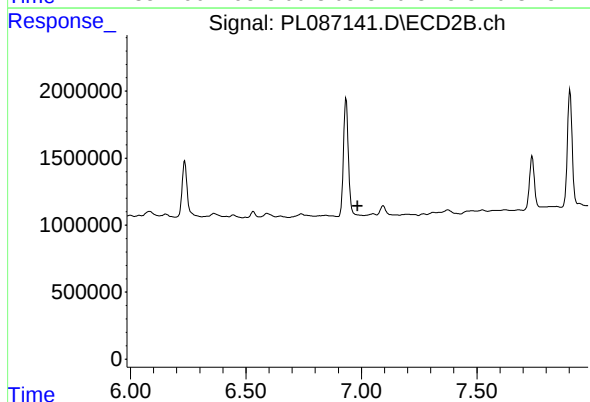
R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 264271  
Conc: 0.48 ng/ml



#22 Mirex

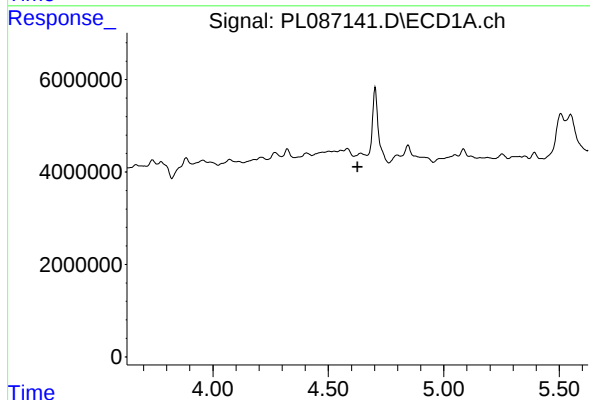
R.T.: 8.065 min  
Delta R.T.: -0.014 min  
Response: 4217829  
Conc: 1.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



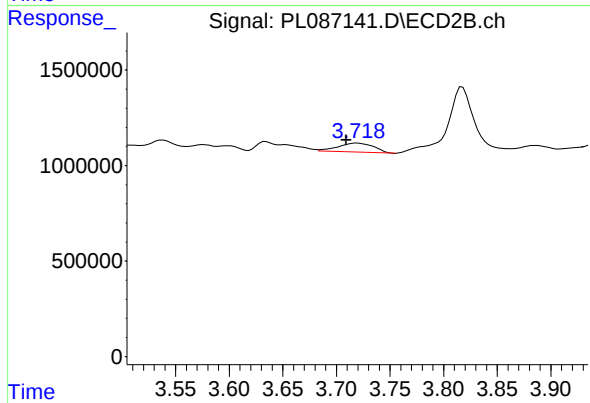
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 6.983 min  
Response: 0  
Conc: N.D.



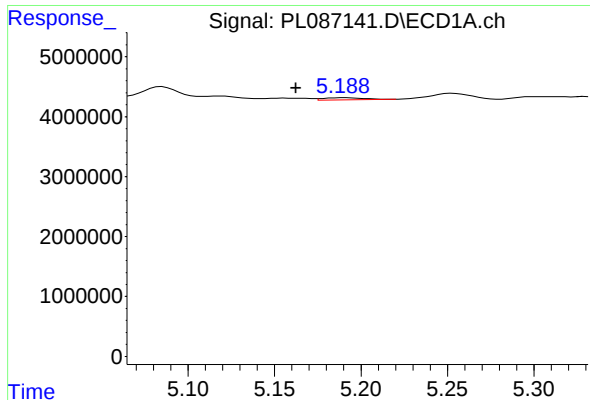
#23 Chlordane-1

R.T.: 4.640 min  
Delta R.T.: 0.014 min  
Response: -1329638  
Conc: N.D.



#23 Chlordane-1

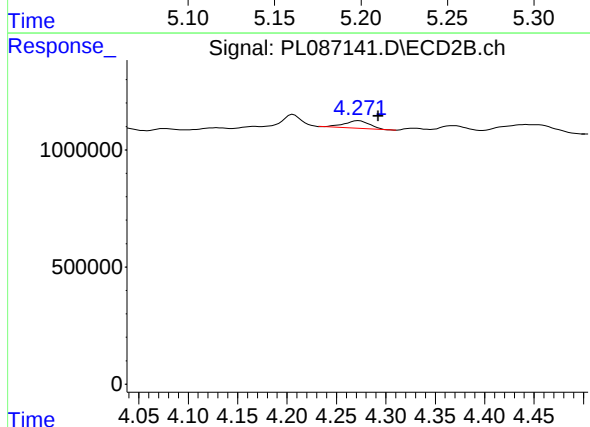
R.T.: 3.719 min  
Delta R.T.: 0.010 min  
Response: 1080611  
Conc: 31.95 ng/ml



#24 Chlordane-2

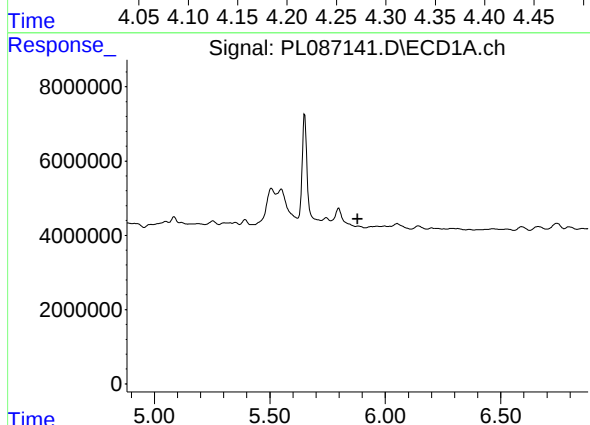
R.T.: 5.190 min  
Delta R.T.: 0.028 min  
Response: 575542  
Conc: 3.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



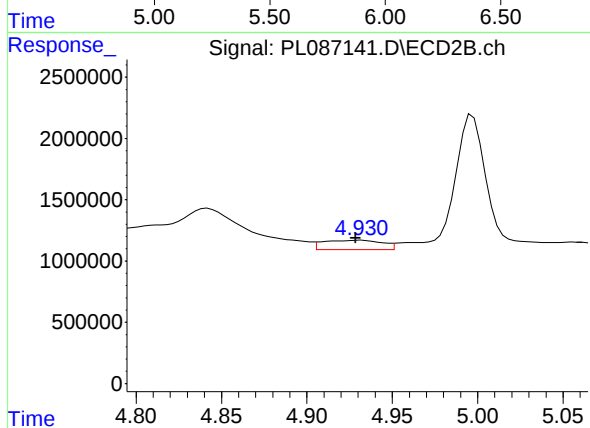
#24 Chlordane-2

R.T.: 4.272 min  
Delta R.T.: -0.020 min  
Response: 590685  
Conc: 13.88 ng/ml



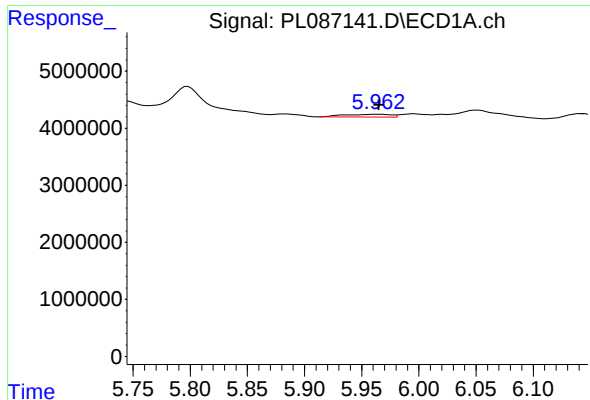
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.881 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

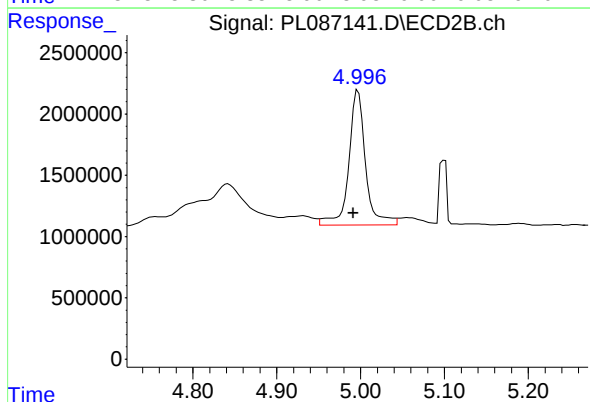
R.T.: 4.931 min  
Delta R.T.: 0.003 min  
Response: 1845430  
Conc: 15.38 ng/ml



#26 Chlordane-4

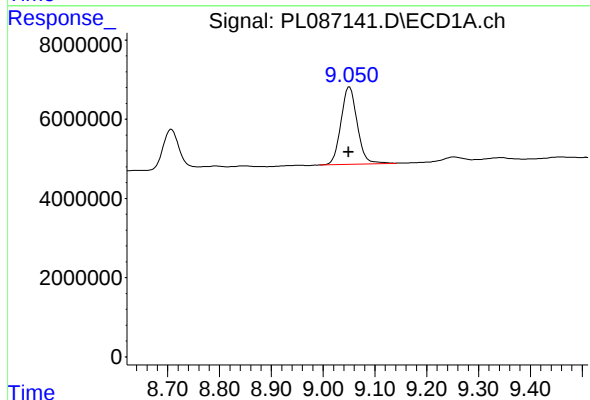
R.T.: 5.964 min  
Delta R.T.: -0.001 min  
Response: 1355206  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



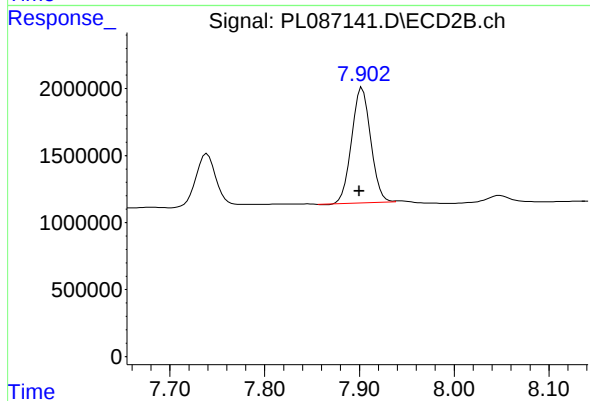
#26 Chlordane-4

R.T.: 4.997 min  
Delta R.T.: 0.006 min  
Response: 15222065  
Conc: 114.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: 0.002 min  
Response: 42574364  
Conc: 14.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.003 min  
Response: 12035511  
Conc: 11.75 ng/ml