

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2023 21:25  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:23:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.454  | 2.754  | 38018667 | 42775576 | 17.201 | 18.364  |
| 2)                          | SA Decachlor... | 8.991  | 7.962  | 35153473 | 42751679 | 18.448 | 17.406  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.251  | 0        | 182587   | N.D.   | 0.054 # |
| 3)                          | MA gamma-BHC... | 4.236  | 3.618f | 255968   | 709921   | 0.090  | 0.221 # |
| 4)                          | MA Heptachlor   | 4.832  | 3.942  | 775810   | 18639    | 0.281  | 0.006 # |
| 5)                          | MB Aldrin       | 0.000  | 4.216  | 0        | 1380705  | N.D.   | 0.459 # |
| 6)                          | B beta-BHC      | 4.450  | 3.910  | 2799061  | 408949   | 2.163  | 0.274 # |
| 7)                          | B delta-BHC     | 4.674  | 4.136  | 801665   | 60346    | 0.291  | 0.019 # |
| 8)                          | B Heptachlo...  | 5.609  | 4.739  | 169259   | 28612    | 0.067  | 0.010 # |
| 9)                          | A Endosulfan I  | 6.003  | 5.126f | 365226   | 277014   | 0.164  | 0.103 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.003  | 0        | 494088   | N.D.   | 0.167 # |
| 11)                         | B alpha-Chl...  | 5.931  | 5.045  | 85881    | 827607   | 0.036  | 0.280 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.266  | 0        | 43565    | N.D.   | 0.017 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.381  | 0        | 637291   | N.D.   | 0.227 # |
| 14)                         | MA Endrin       | 0.000  | 5.670f | 0        | 93769    | N.D.   | 0.041 # |
| 15)                         | B Endosulfa...  | 6.698f | 5.920f | 967696   | 1214677  | 0.518  | 0.512   |
| 17)                         | MA 4,4'-DDT     | 6.931f | 0.000  | 343544   | 0        | 0.204  | N.D. #  |
| 18)                         | B Endrin al...  | 6.872f | 6.158f | 79280    | 128021   | 0.053  | 0.068 # |
| 19)                         | B Endosulfa...  | 7.080  | 6.351  | 167435   | 808464   | 0.087  | 0.334 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.842f | 0        | 11277441 | N.D.   | 4.011 # |
| 22)                         | Mirex           | 0.000  | 7.046  | 0        | 151032   | N.D.   | 0.063 # |
| 23)                         | Chlordane-1     | 0.000  | 3.778  | 0        | 224613   | N.D.   | 2.291 # |
| 24)                         | Chlordane-2     | 0.000  | 4.351  | 0        | 600550   | N.D.   | 4.994 # |
| 25)                         | Chlordane-3     | 0.000  | 5.003  | 0        | 494088   | N.D.   | 1.508 # |
| 26)                         | Chlordane-4     | 5.931  | 5.045  | 85881    | 827607   | 0.186  | 2.455 # |
| -----                       |                 |        |        |          |          |        |         |

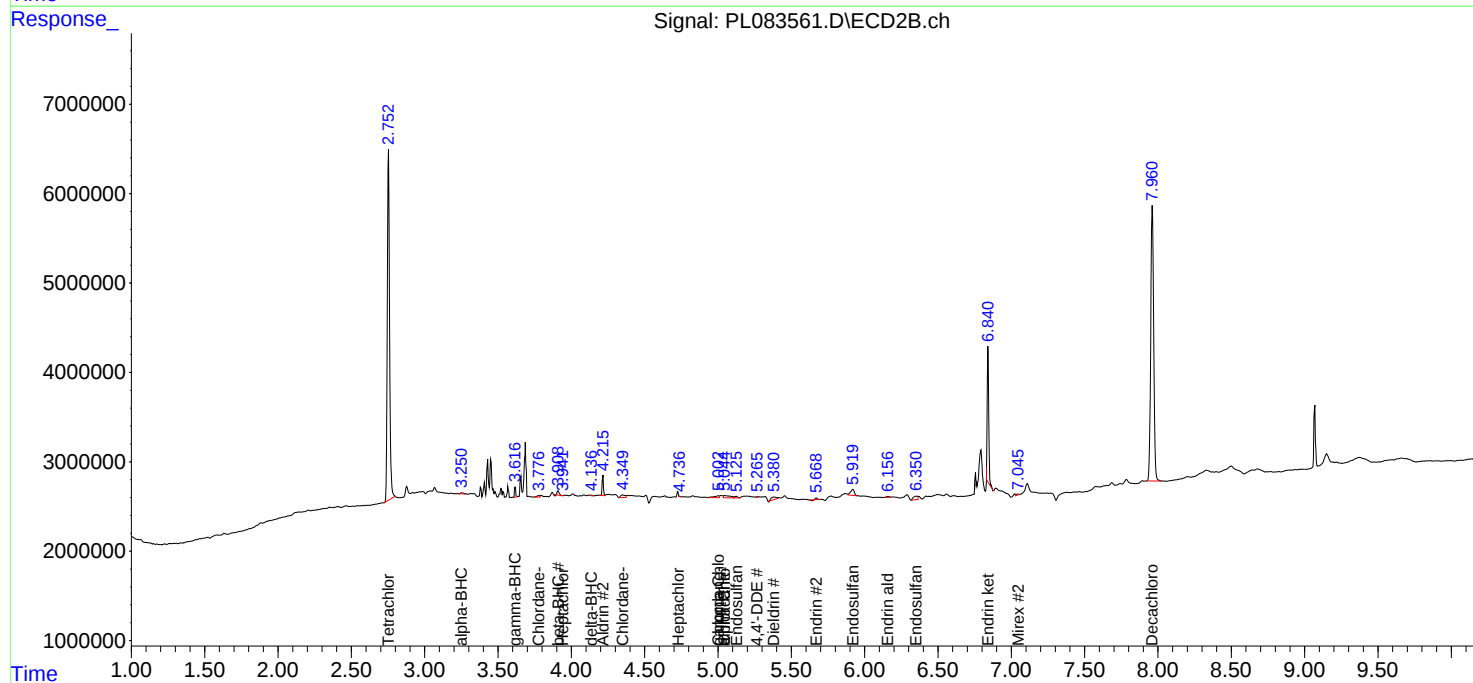
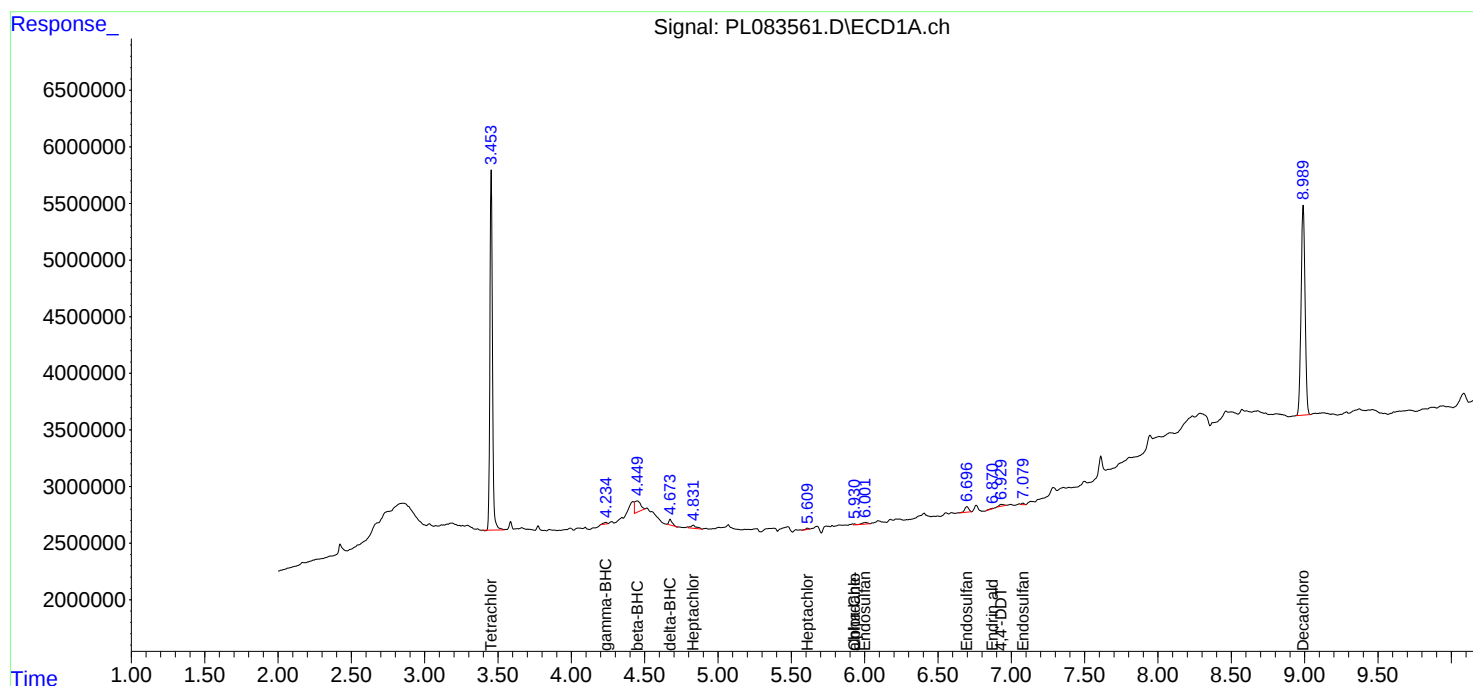
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

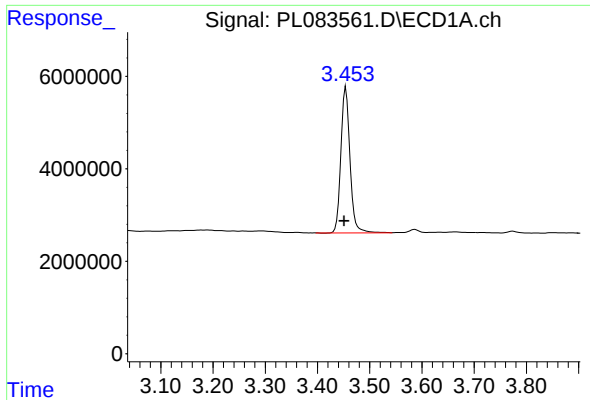
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2023 21:25  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:23:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 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

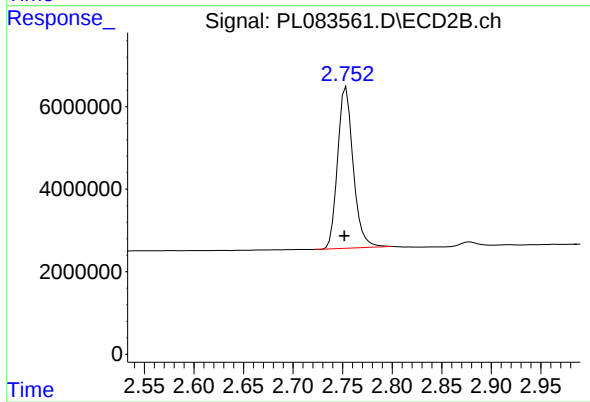




#1 Tetrachloro-m-xylene

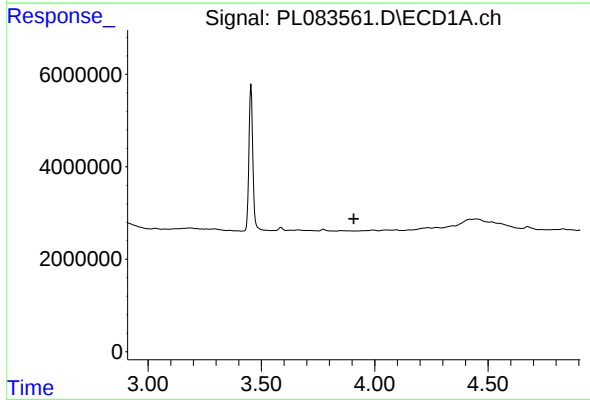
R.T.: 3.454 min  
Delta R.T.: 0.003 min  
Response: 38018667  
Conc: 17.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



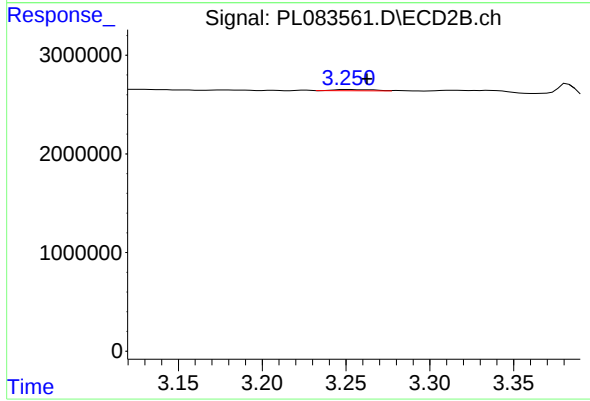
#1 Tetrachloro-m-xylene

R.T.: 2.754 min  
Delta R.T.: 0.002 min  
Response: 42775576  
Conc: 18.36 ng/ml



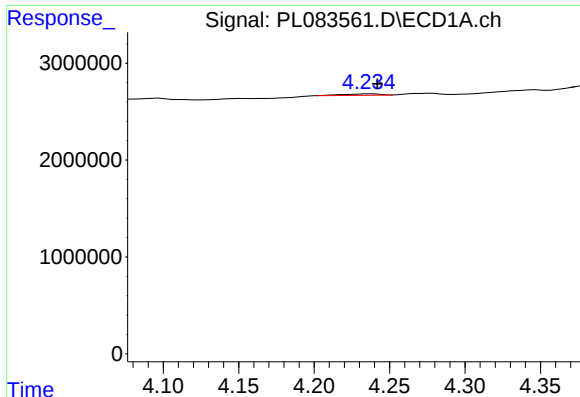
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.908 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

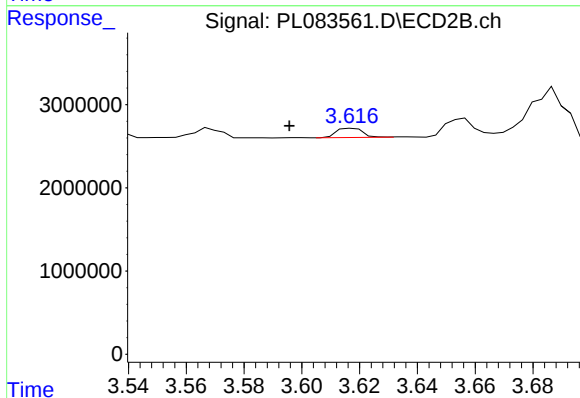
R.T.: 3.251 min  
Delta R.T.: -0.011 min  
Response: 182587  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

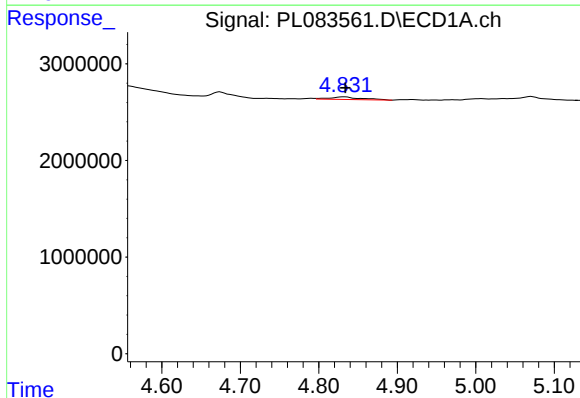
R.T.: 4.236 min  
Delta R.T.: -0.006 min  
Response: 255968  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



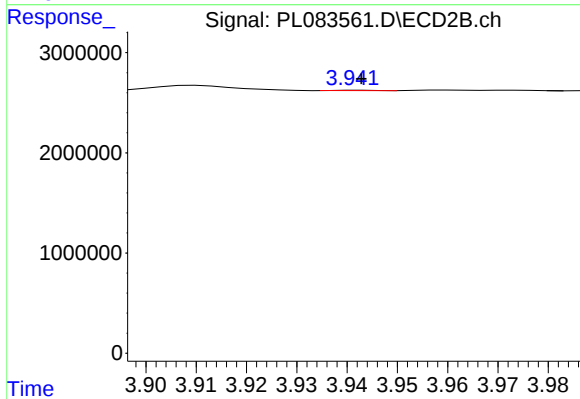
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.022 min  
Response: 709921  
Conc: 0.22 ng/ml



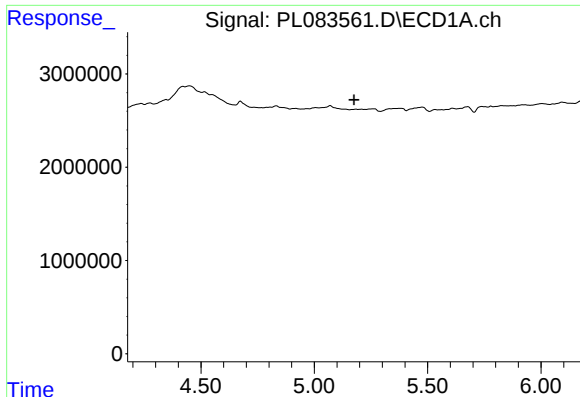
#4 Heptachlor

R.T.: 4.832 min  
Delta R.T.: -0.001 min  
Response: 775810  
Conc: 0.28 ng/ml



#4 Heptachlor

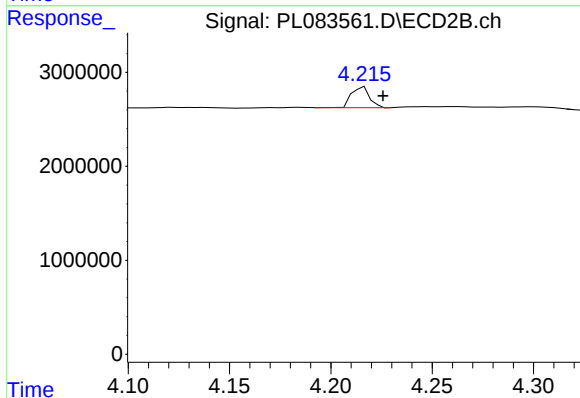
R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 18639  
Conc: 0.01 ng/ml



#5 Aldrin

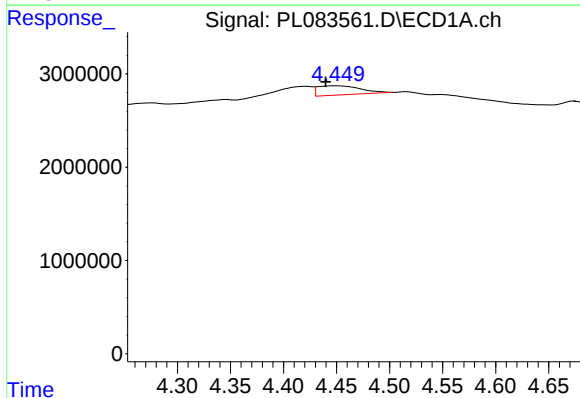
R.T.: 0.000 min  
Exp R.T.: 5.176 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



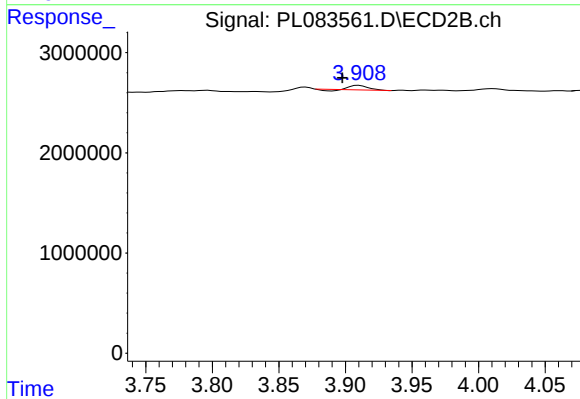
#5 Aldrin

R.T.: 4.216 min  
Delta R.T.: -0.009 min  
Response: 1380705  
Conc: 0.46 ng/ml



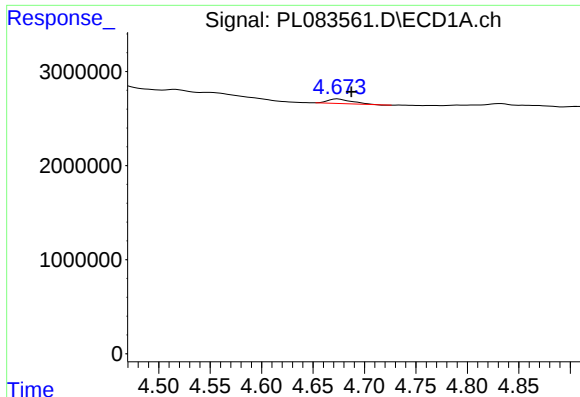
#6 beta-BHC

R.T.: 4.450 min  
Delta R.T.: 0.010 min  
Response: 2799061  
Conc: 2.16 ng/ml



#6 beta-BHC

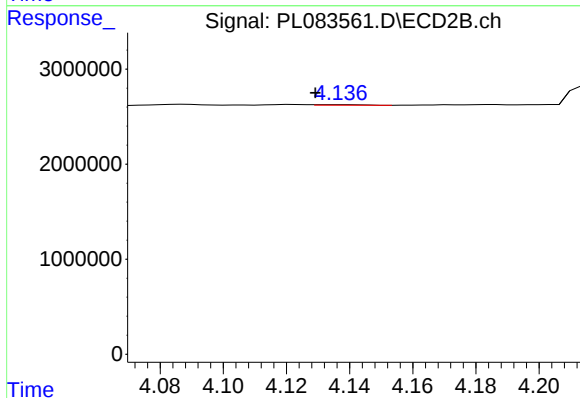
R.T.: 3.910 min  
Delta R.T.: 0.012 min  
Response: 408949  
Conc: 0.27 ng/ml



#7 delta-BHC

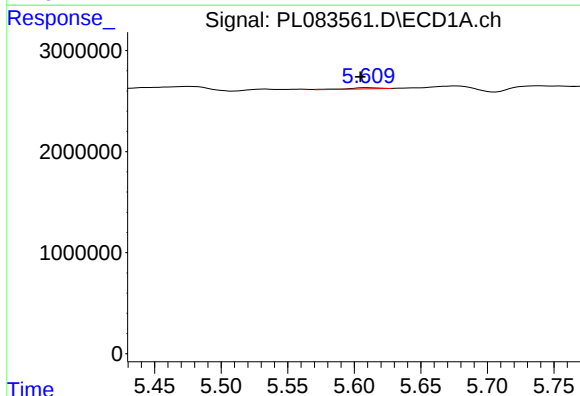
R.T.: 4.674 min  
Delta R.T.: -0.013 min  
Response: 801665  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



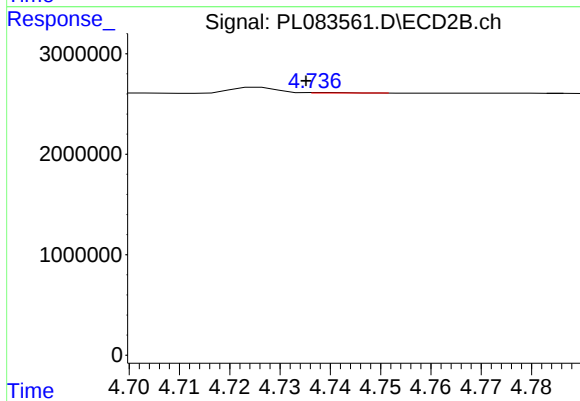
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: 0.007 min  
Response: 60346  
Conc: 0.02 ng/ml



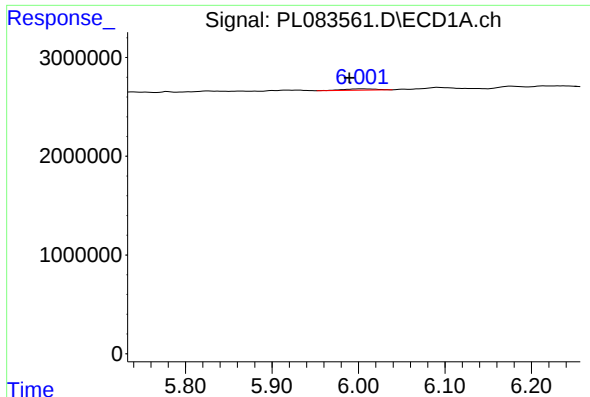
#8 Heptachlor epoxide

R.T.: 5.609 min  
Delta R.T.: 0.005 min  
Response: 169259  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

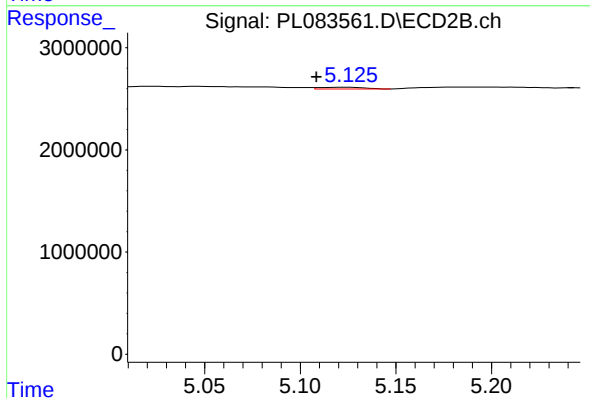
R.T.: 4.739 min  
Delta R.T.: 0.004 min  
Response: 28612  
Conc: 0.01 ng/ml



#9 Endosulfan I

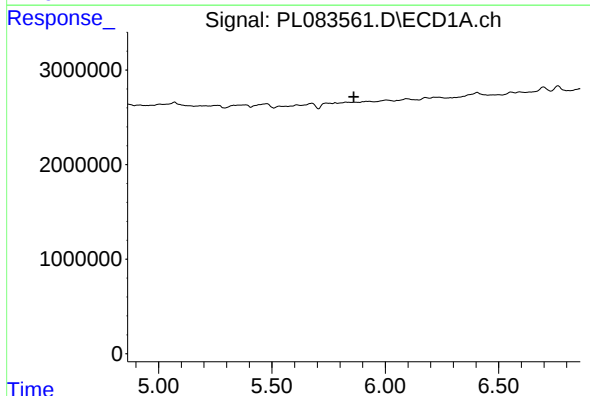
R.T.: 6.003 min  
Delta R.T.: 0.014 min  
Response: 365226  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



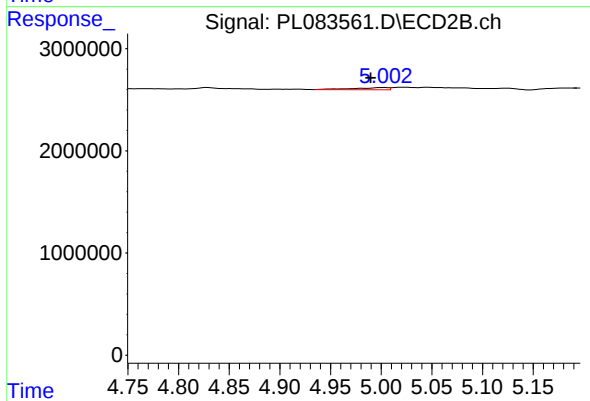
#9 Endosulfan I

R.T.: 5.126 min  
Delta R.T.: 0.018 min  
Response: 277014  
Conc: 0.10 ng/ml



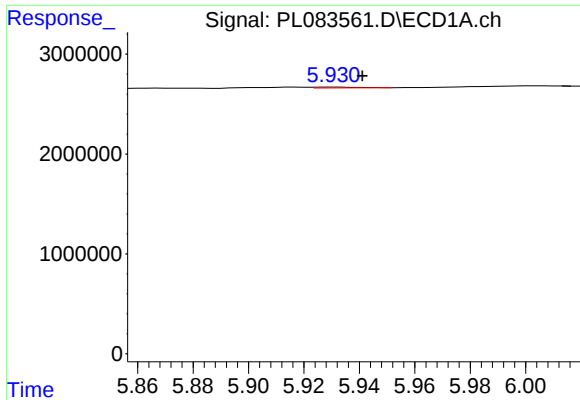
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.861 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

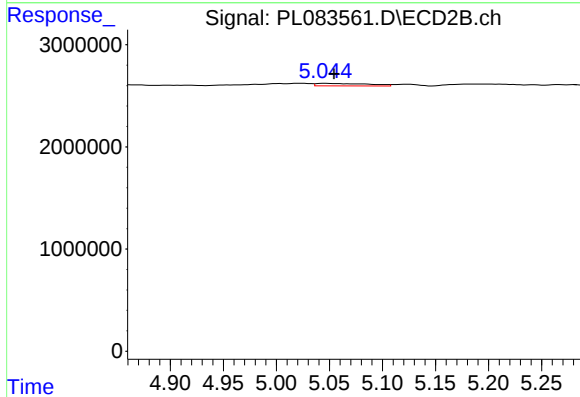
R.T.: 5.003 min  
Delta R.T.: 0.013 min  
Response: 494088  
Conc: 0.17 ng/ml



#11 alpha-Chlordane

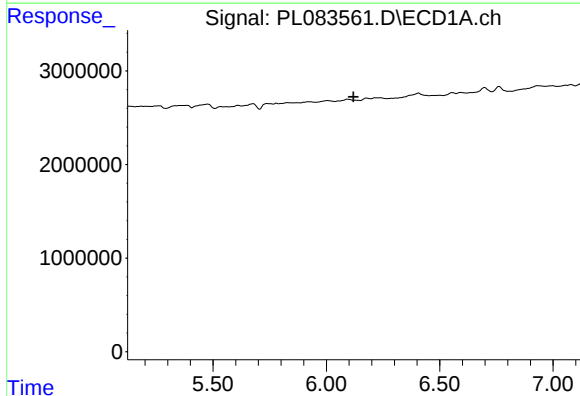
R.T.: 5.931 min  
Delta R.T.: -0.010 min  
Response: 85881  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



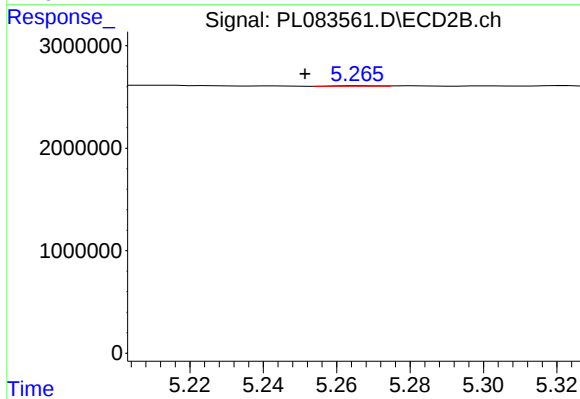
#11 alpha-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.010 min  
Response: 827607  
Conc: 0.28 ng/ml



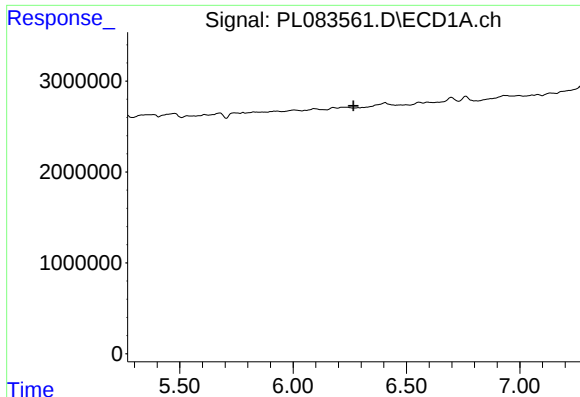
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.120 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

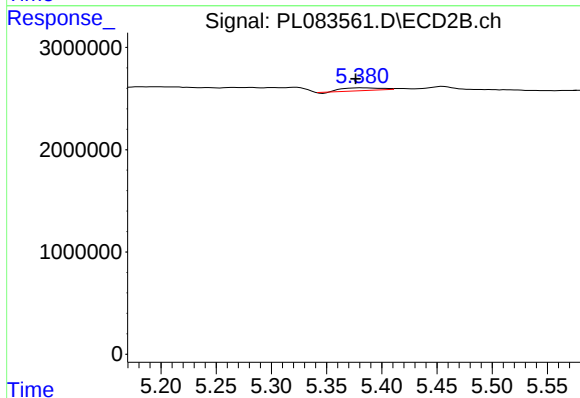
R.T.: 5.266 min  
Delta R.T.: 0.015 min  
Response: 43565  
Conc: 0.02 ng/ml



#13 Dieldrin

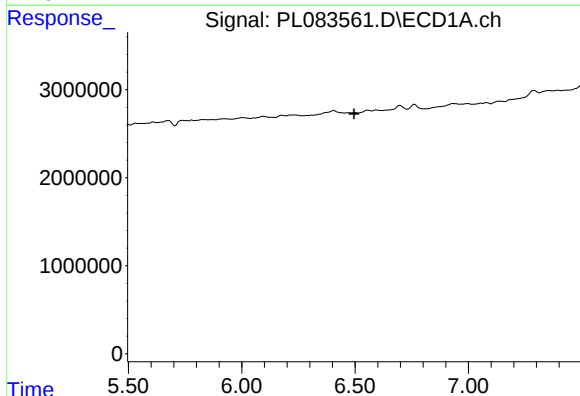
R.T.: 0.000 min  
Exp R.T.: 6.267 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



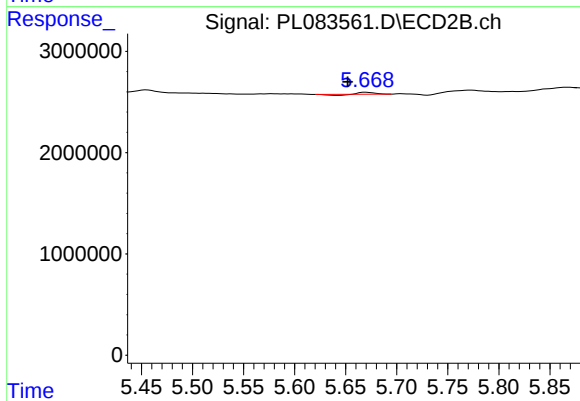
#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: 0.005 min  
Response: 637291  
Conc: 0.23 ng/ml



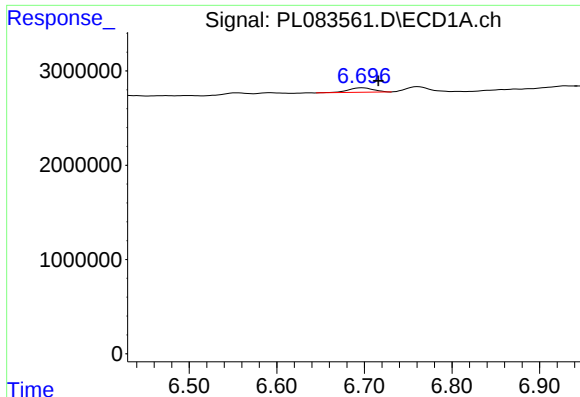
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.496 min  
Response: 0  
Conc: N.D.



#14 Endrin

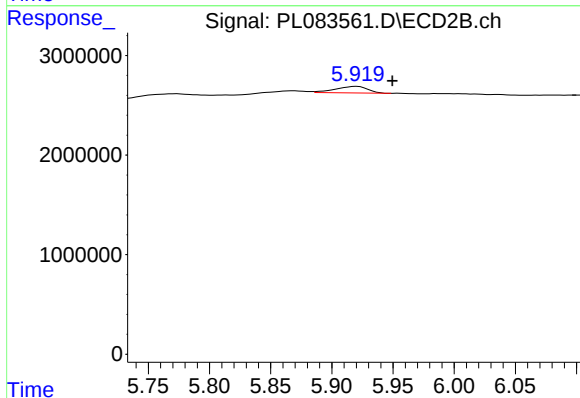
R.T.: 5.670 min  
Delta R.T.: 0.018 min  
Response: 93769  
Conc: 0.04 ng/ml



#15 Endosulfan II

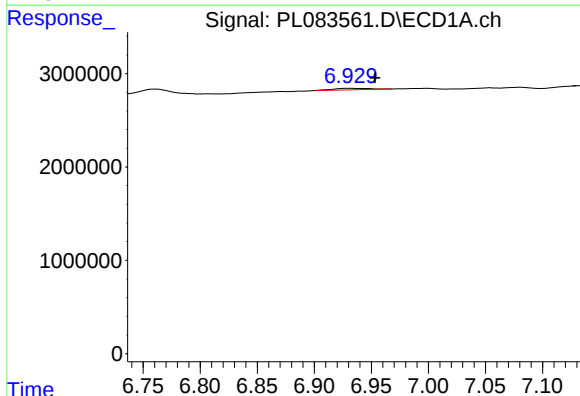
R.T.: 6.698 min  
Delta R.T.: -0.018 min  
Response: 967696  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



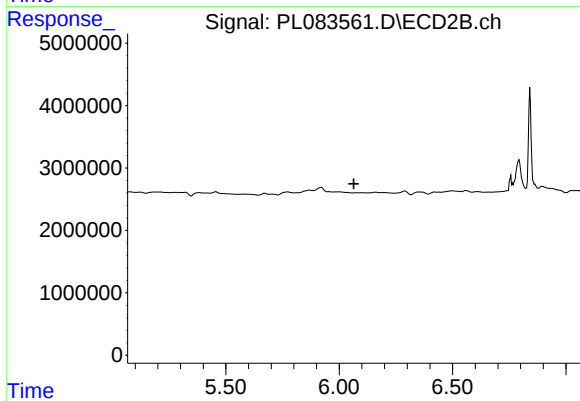
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: -0.029 min  
Response: 1214677  
Conc: 0.51 ng/ml



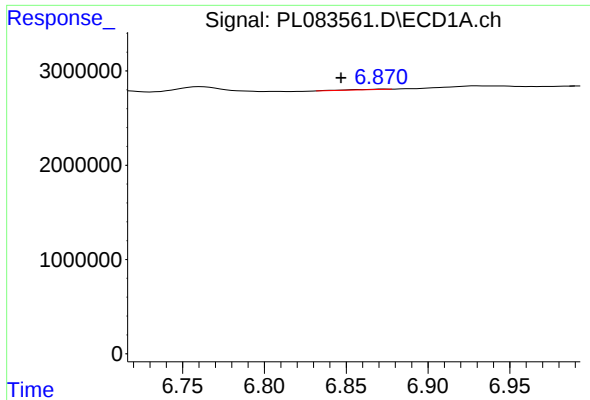
#17 4,4'-DDT

R.T.: 6.931 min  
Delta R.T.: -0.022 min  
Response: 343544  
Conc: 0.20 ng/ml



#17 4,4'-DDT

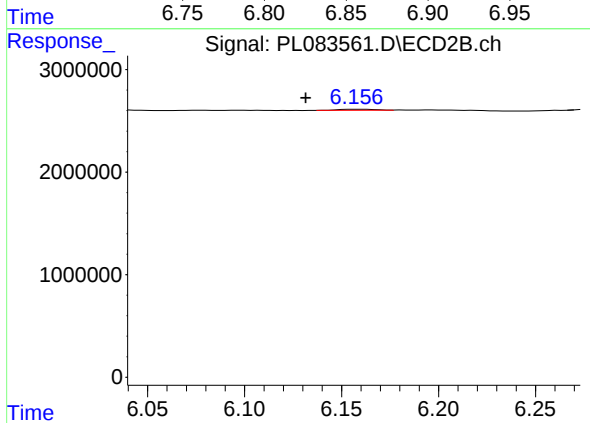
R.T.: 0.000 min  
Exp R.T.: 6.064 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

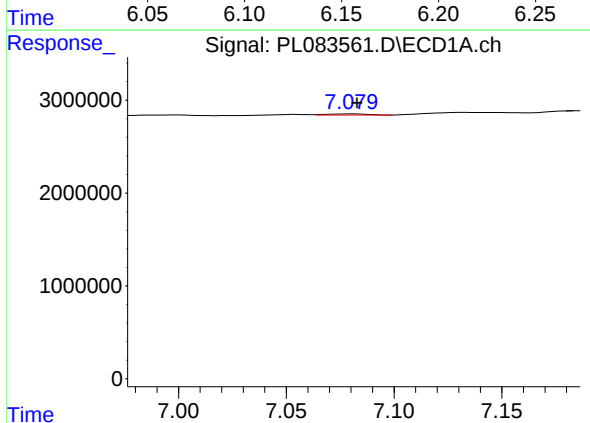
R.T.: 6.872 min  
Delta R.T.: 0.026 min  
Response: 79280  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



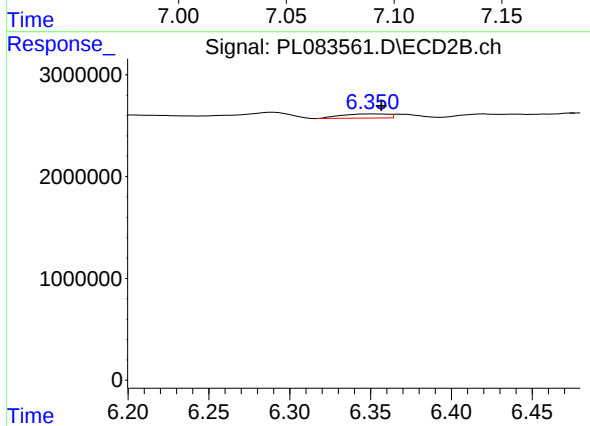
#18 Endrin aldehyde

R.T.: 6.158 min  
Delta R.T.: 0.026 min  
Response: 128021  
Conc: 0.07 ng/ml



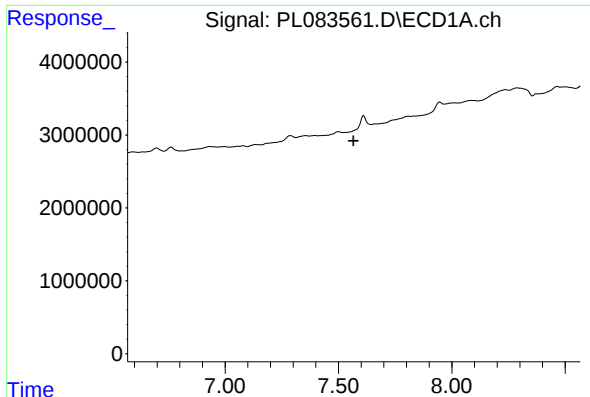
#19 Endosulfan Sulfate

R.T.: 7.080 min  
Delta R.T.: -0.003 min  
Response: 167435  
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

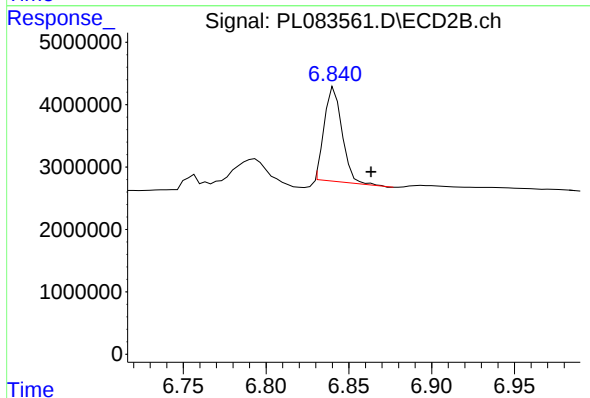
R.T.: 6.351 min  
Delta R.T.: -0.005 min  
Response: 808464  
Conc: 0.33 ng/ml



#21 Endrin ketone

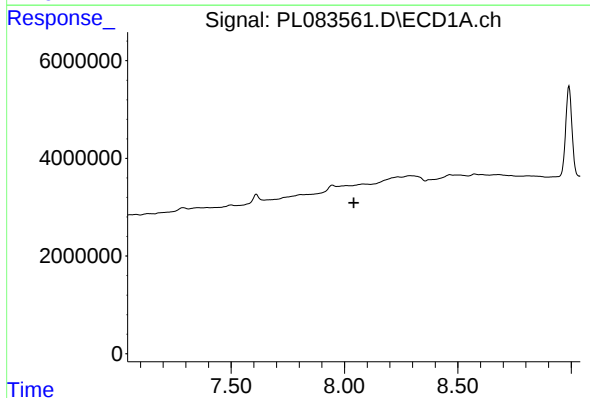
R.T.: 0.000 min  
Exp R.T.: 7.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



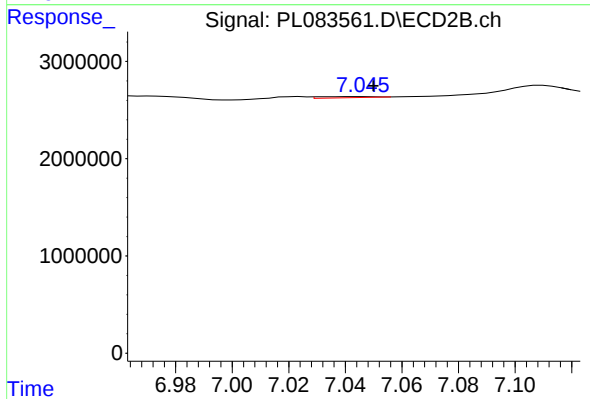
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.022 min  
Response: 11277441  
Conc: 4.01 ng/ml



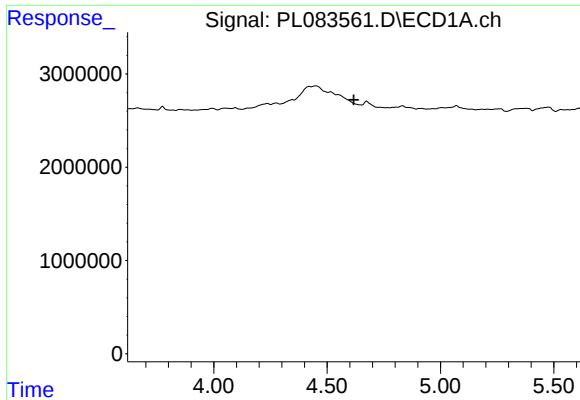
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.041 min  
Response: 0  
Conc: N.D.



#22 Mirex

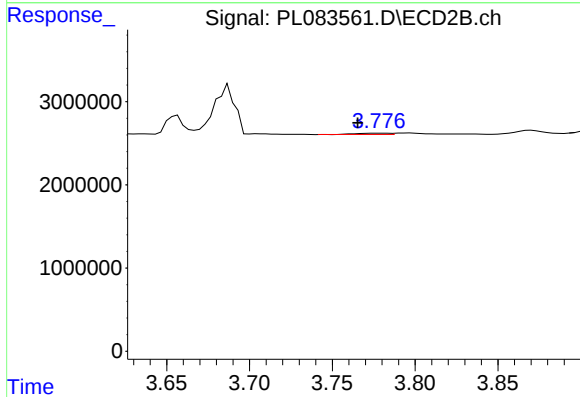
R.T.: 7.046 min  
Delta R.T.: -0.004 min  
Response: 151032  
Conc: 0.06 ng/ml



#23 Chlordane-1

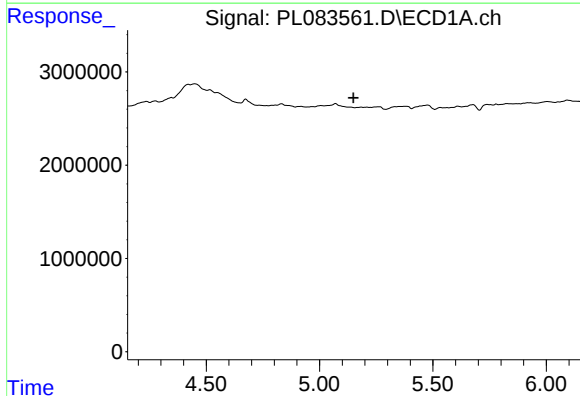
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



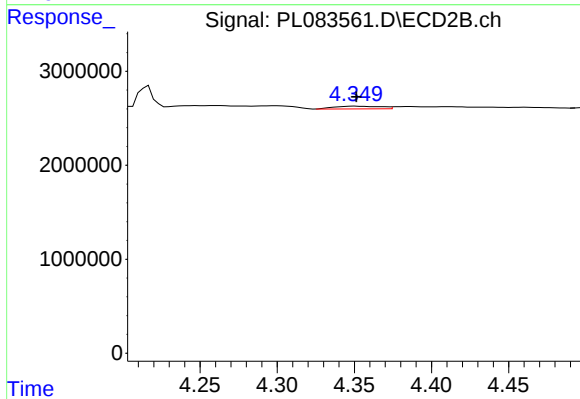
#23 Chlordane-1

R.T.: 3.778 min  
Delta R.T.: 0.012 min  
Response: 224613  
Conc: 2.29 ng/ml



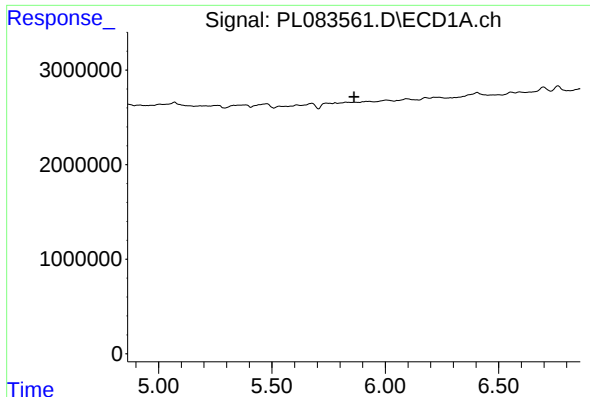
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.150 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

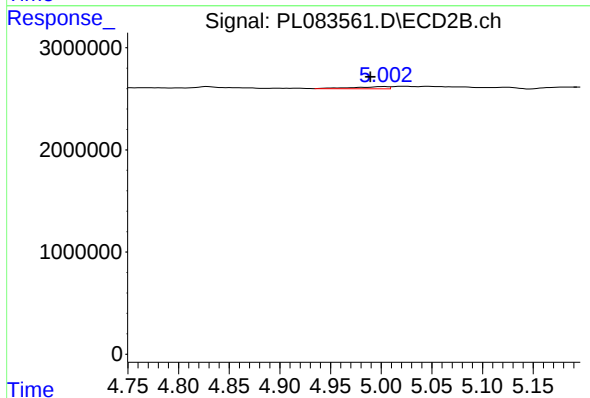
R.T.: 4.351 min  
Delta R.T.: 0.000 min  
Response: 600550  
Conc: 4.99 ng/ml



#25 Chlordane-3

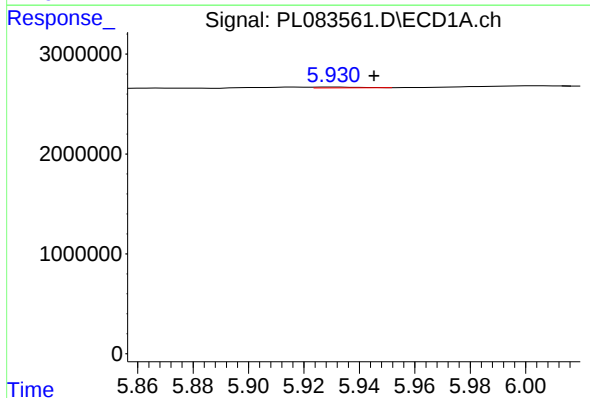
R.T.: 0.000 min  
Exp R.T.: 5.863 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



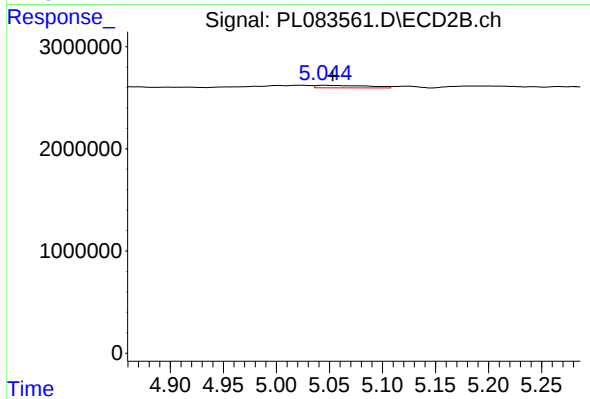
#25 Chlordane-3

R.T.: 5.003 min  
Delta R.T.: 0.013 min  
Response: 494088  
Conc: 1.51 ng/ml



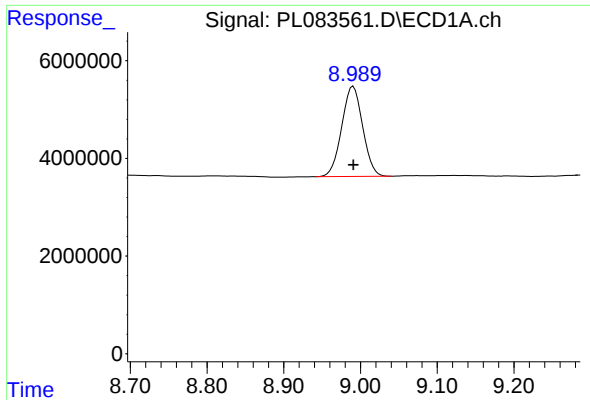
#26 Chlordane-4

R.T.: 5.931 min  
Delta R.T.: -0.014 min  
Response: 85881  
Conc: 0.19 ng/ml



#26 Chlordane-4

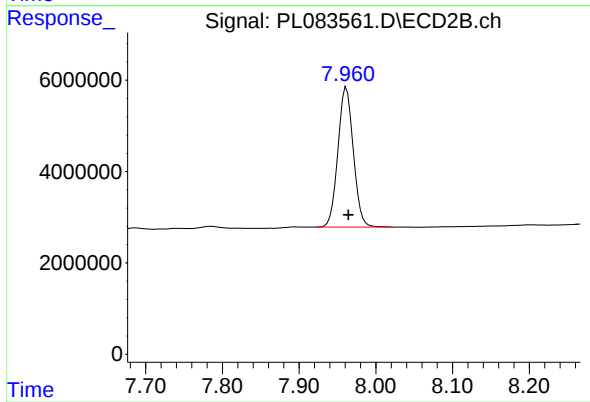
R.T.: 5.045 min  
Delta R.T.: -0.008 min  
Response: 827607  
Conc: 2.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.000 min  
Response: 35153473  
Conc: 18.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 42751679  
Conc: 17.41 ng/ml