

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050123\  
 Data File : PL082402.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 May 2023 11:13  
 Operator : AR\AJ  
 Sample : PB152440BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 13:51:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.334  | 2.645  | 44322707 | 35516489 | 16.593 | 15.330  |
| 28)                         | SA Decachlor... | 8.763  | 7.766  | 33761087 | 36311655 | 17.684 | 15.909  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.151  | 0        | 42641    | N.D.   | 0.013 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.490f | 0        | 1030107  | N.D.   | 0.320 # |
| 4)                          | MA Heptachlor   | 4.665  | 3.828f | 928307   | 24178    | 0.254  | 0.007 # |
| 5)                          | MB Aldrin       | 5.000f | 4.084  | 44428    | 216854   | 0.013  | 0.069 # |
| 6)                          | B beta-BHC      | 0.000  | 3.770  | 0        | 40969    | N.D.   | 0.030 # |
| 7)                          | B delta-BHC     | 0.000  | 3.999  | 0        | 238644   | N.D.   | 0.078 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.612f | 0        | 84578    | N.D.   | 0.029 # |
| 9)                          | A Endosulfan I  | 5.841f | 4.961  | 328305   | 25737    | 0.118  | 0.010 # |
| 10)                         | B gamma-Chl...  | 5.706  | 4.829  | 785981   | 499070   | 0.261  | 0.172 # |
| 11)                         | B alpha-Chl...  | 5.777  | 4.891  | 188669   | 83949    | 0.063  | 0.029 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.088  | 0        | 32889    | N.D.   | 0.014 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.218  | 0        | 76222    | N.D.   | 0.028 # |
| 14)                         | MA Endrin       | 6.347f | 5.498  | 599589   | -121702  | 0.247  | N.D. #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.773  | 0        | 241225   | N.D.   | 0.107 # |
| 16)                         | A 4,4'-DDD      | 6.490f | 0.000  | 326578   | 0        | 0.161  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.765  | 5.886  | 729759   | 675017   | 0.319  | 0.320   |
| 18)                         | B Endrin al...  | 0.000  | 5.984f | 0        | 54289    | N.D.   | 0.029 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.188  | 0        | 97796    | N.D.   | 0.042 # |
| 20)                         | A Methoxychlor  | 7.276f | 0.000  | 207790   | 0        | 0.170  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.390  | 0.000  | 152205   | 0        | 0.064  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.630  | 0        | 299698   | N.D.   | 3.379 # |
| 24)                         | Chlordane-2     | 5.000  | 4.212  | 44428    | 301489   | 0.373  | 2.688 # |
| 25)                         | Chlordane-3     | 5.706  | 4.829  | 785981   | 499070   | 1.821  | 1.757   |
| 26)                         | Chlordane-4     | 5.777  | 4.891  | 188669   | 83949    | 0.363  | 0.281   |
| 27)                         | Chlordane-5     | 6.607  | 5.773  | 654505   | 241225   | 6.970  | 2.444 # |
| -----                       |                 |        |        |          |          |        |         |

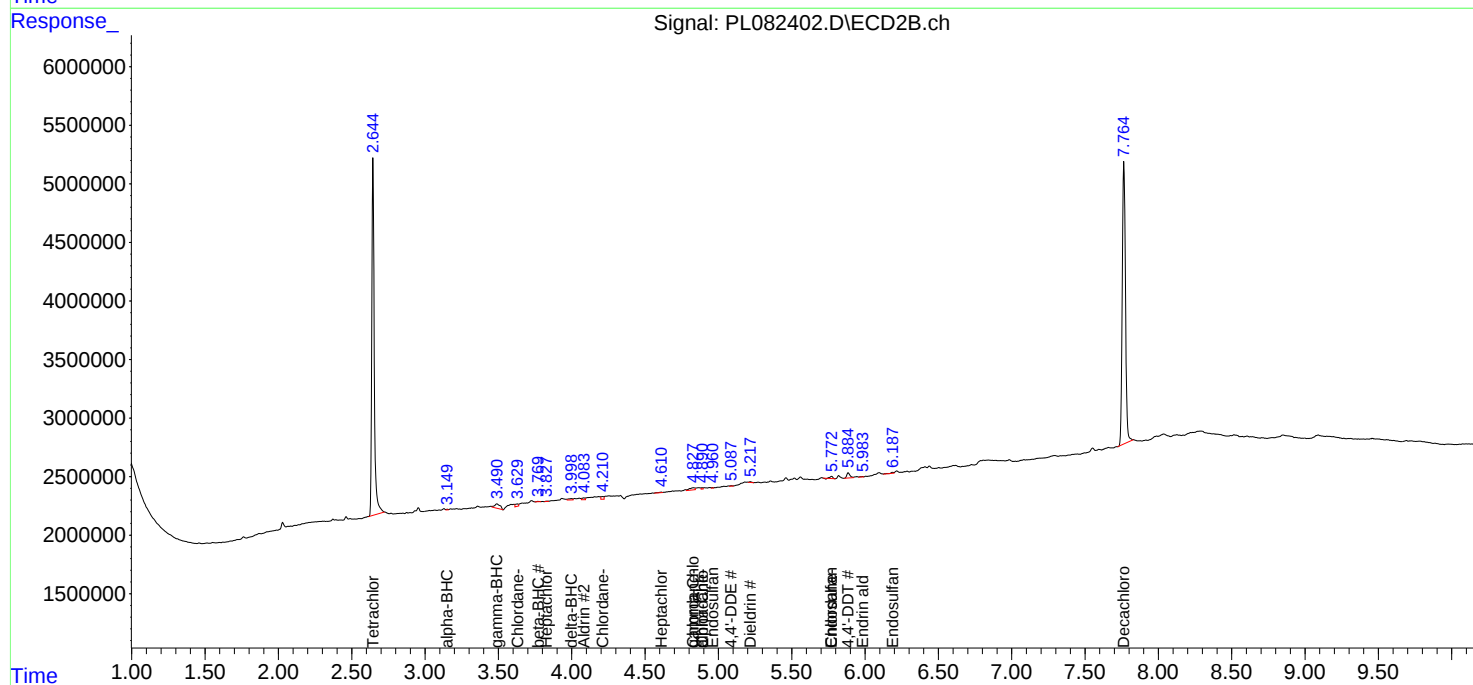
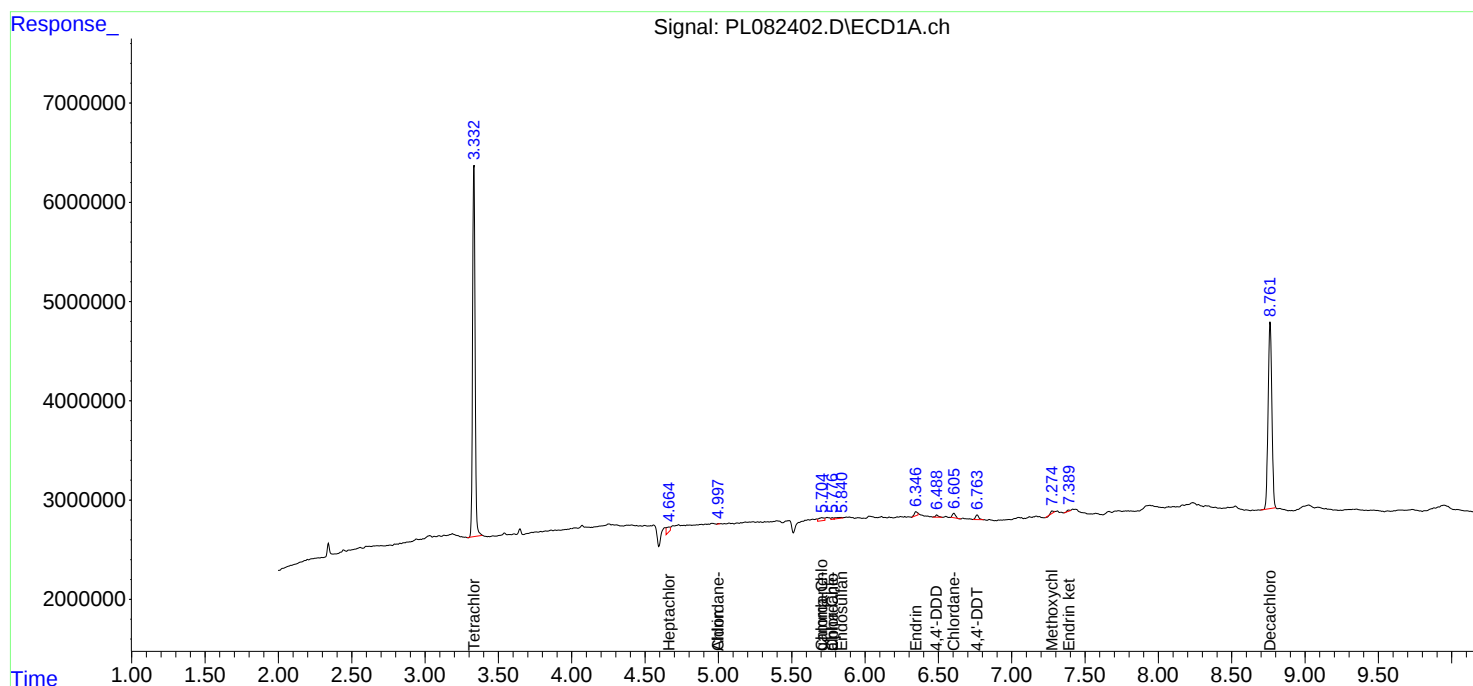
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

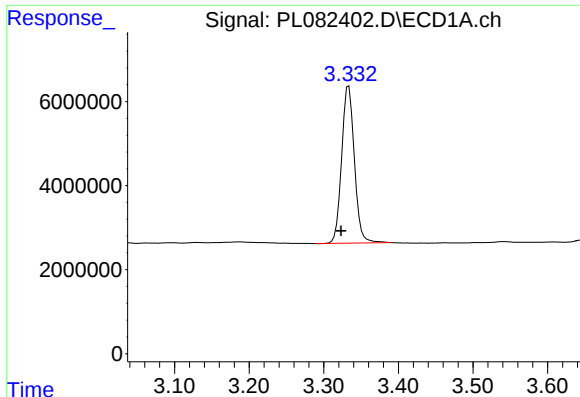
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050123\  
Data File : PL082402.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 May 2023 11:13  
Operator : AR\AJ  
Sample : PB152440BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 13:51:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

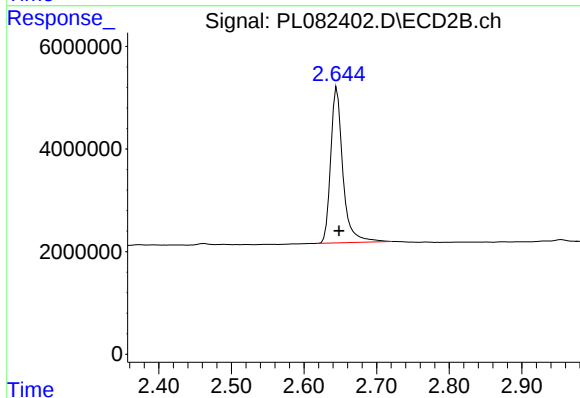




#1 Tetrachloro-m-xylene

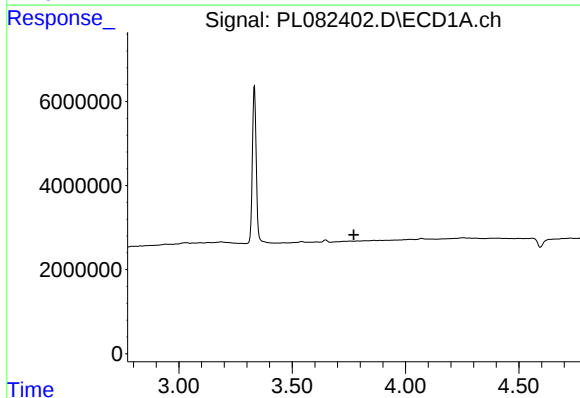
R.T.: 3.334 min  
Delta R.T.: 0.011 min  
Response: 44322707  
Conc: 16.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



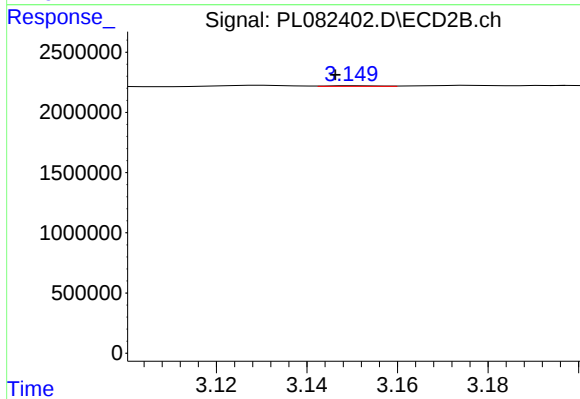
#1 Tetrachloro-m-xylene

R.T.: 2.645 min  
Delta R.T.: -0.003 min  
Response: 35516489  
Conc: 15.33 ng/ml



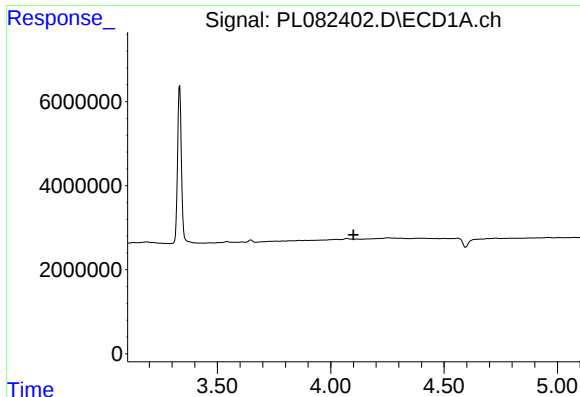
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.772 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

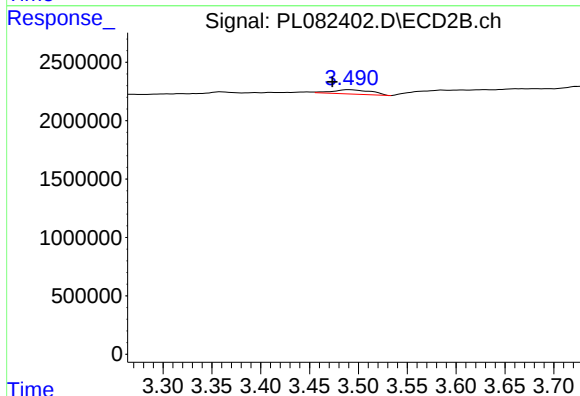
R.T.: 3.151 min  
Delta R.T.: 0.004 min  
Response: 42641  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

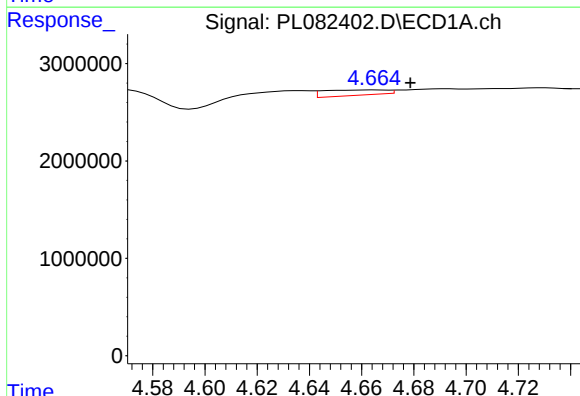
R.T.: 0.000 min  
Exp R.T.: 4.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



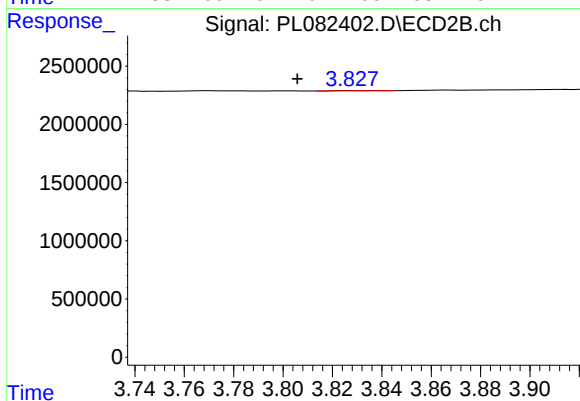
#3 gamma-BHC (Lindane)

R.T.: 3.490 min  
Delta R.T.: 0.017 min  
Response: 1030107  
Conc: 0.32 ng/ml



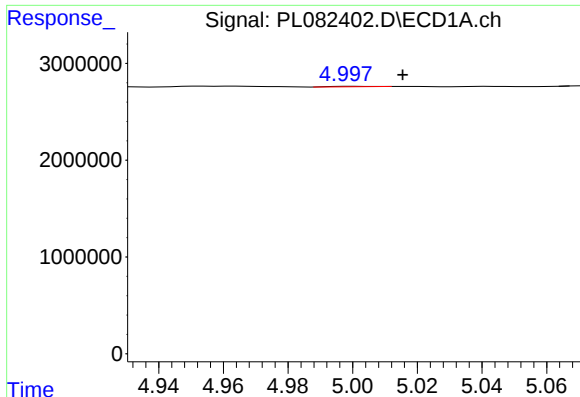
#4 Heptachlor

R.T.: 4.665 min  
Delta R.T.: -0.013 min  
Response: 928307  
Conc: 0.25 ng/ml



#4 Heptachlor

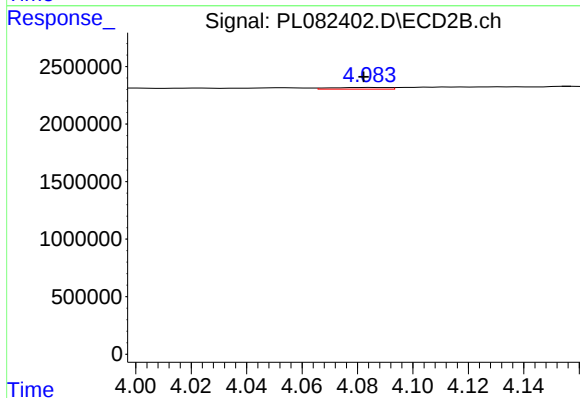
R.T.: 3.828 min  
Delta R.T.: 0.022 min  
Response: 24178  
Conc: 0.01 ng/ml



#5 Aldrin

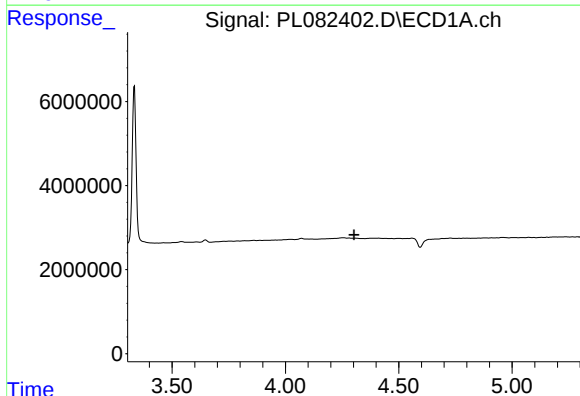
R.T.: 5.000 min  
Delta R.T.: -0.016 min  
Response: 44428  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



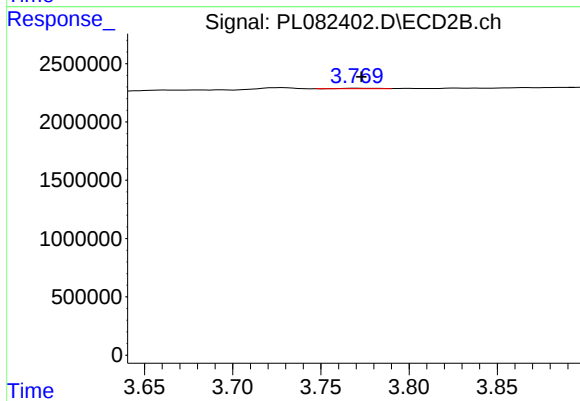
#5 Aldrin

R.T.: 4.084 min  
Delta R.T.: 0.002 min  
Response: 216854  
Conc: 0.07 ng/ml



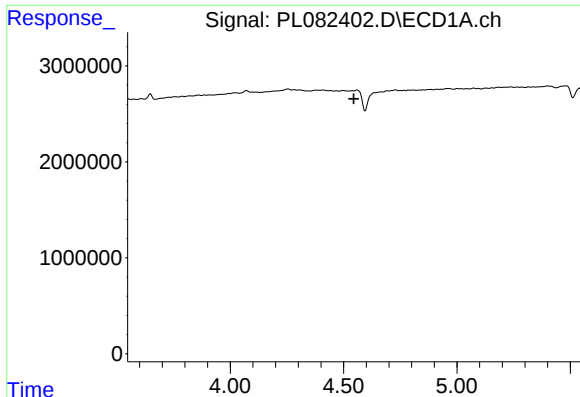
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.304 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

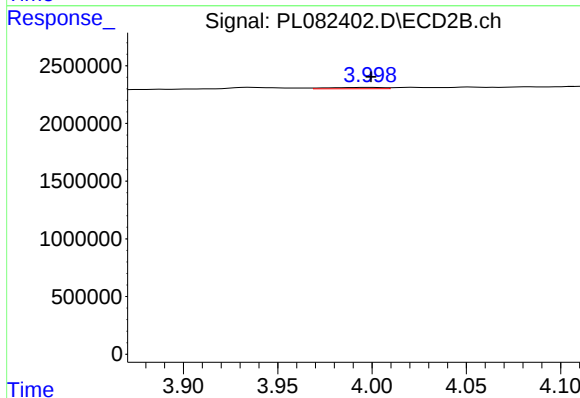
R.T.: 3.770 min  
Delta R.T.: -0.003 min  
Response: 40969  
Conc: 0.03 ng/ml



#7 delta-BHC

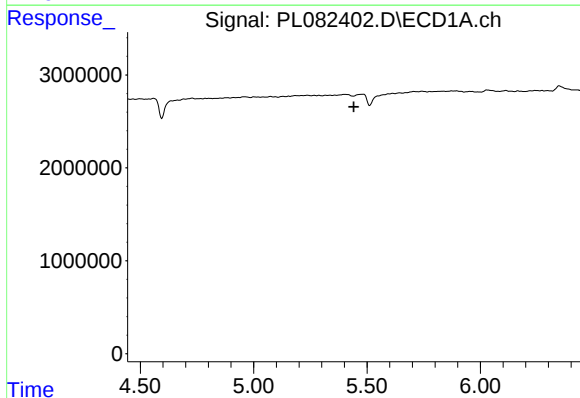
R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



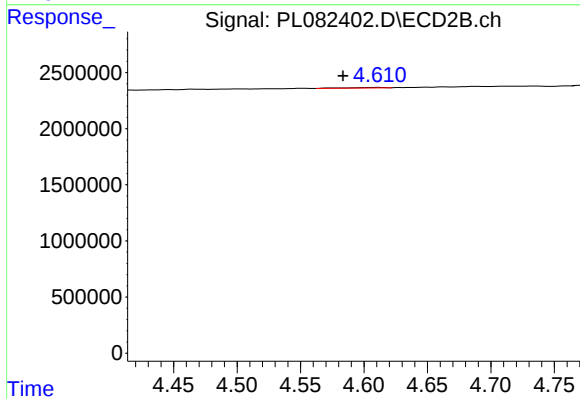
#7 delta-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 238644  
Conc: 0.08 ng/ml



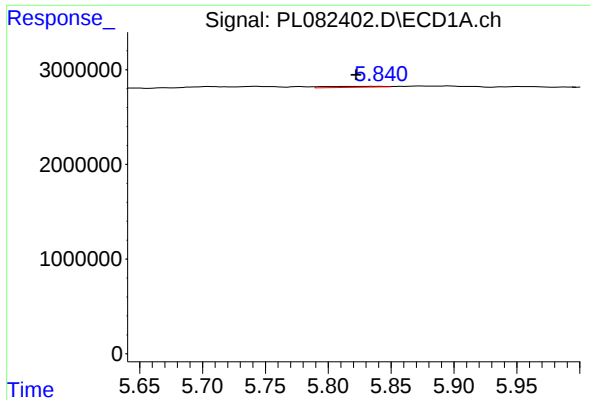
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.441 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

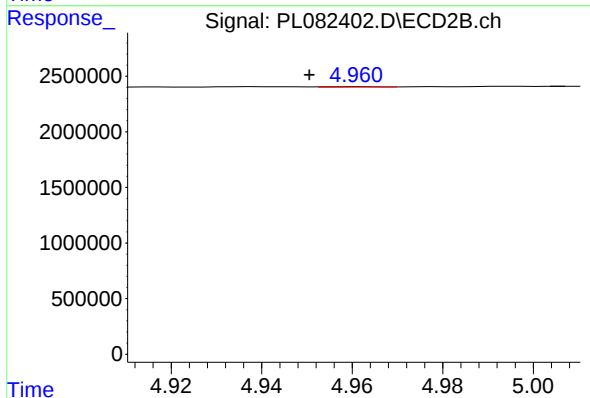
R.T.: 4.612 min  
Delta R.T.: 0.029 min  
Response: 84578  
Conc: 0.03 ng/ml



#9 Endosulfan I

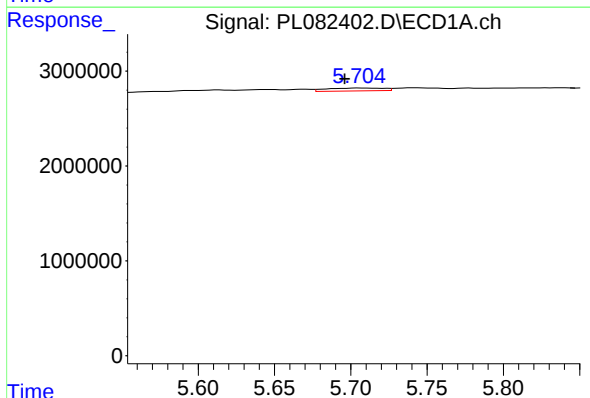
R.T.: 5.841 min  
Delta R.T.: 0.019 min  
Response: 328305  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



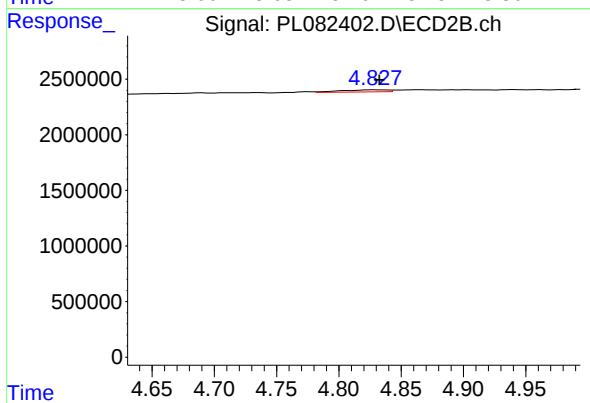
#9 Endosulfan I

R.T.: 4.961 min  
Delta R.T.: 0.011 min  
Response: 25737  
Conc: 0.01 ng/ml



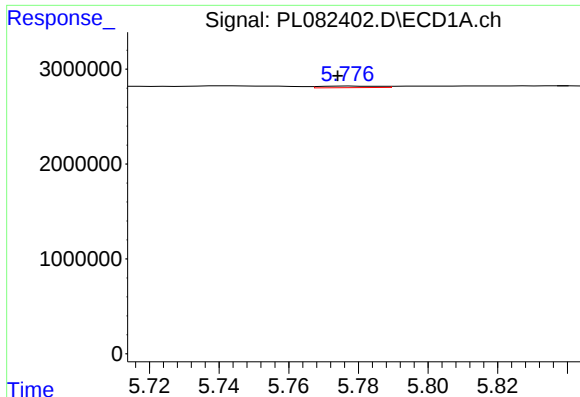
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: 0.010 min  
Response: 785981  
Conc: 0.26 ng/ml



#10 gamma-Chlordane

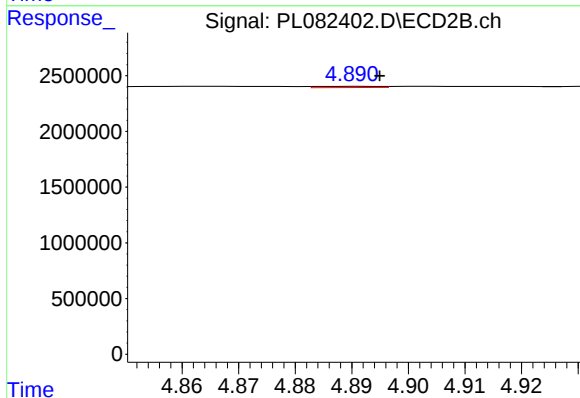
R.T.: 4.829 min  
Delta R.T.: -0.003 min  
Response: 499070  
Conc: 0.17 ng/ml



#11 alpha-Chlordane

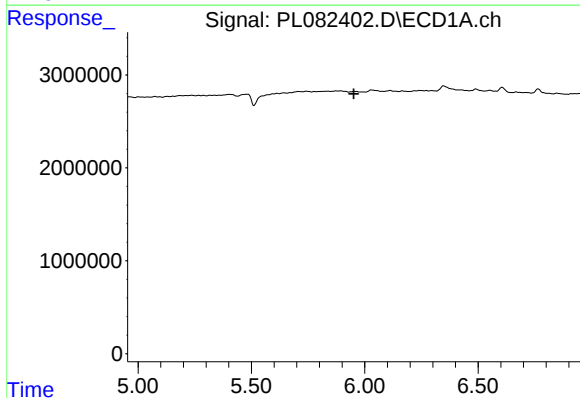
R.T.: 5.777 min  
Delta R.T.: 0.003 min  
Response: 188669  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



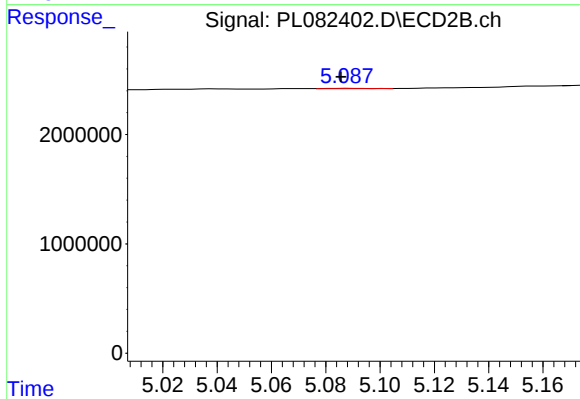
#11 alpha-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.004 min  
Response: 83949  
Conc: 0.03 ng/ml



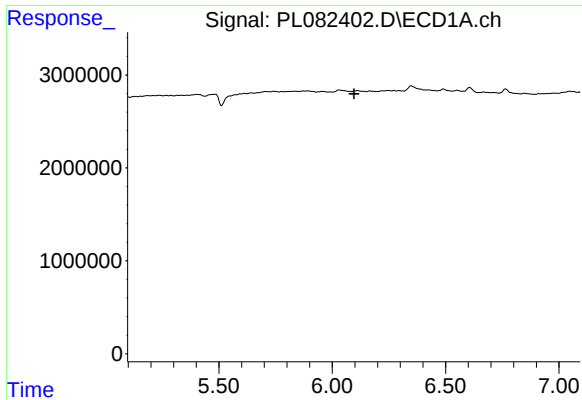
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

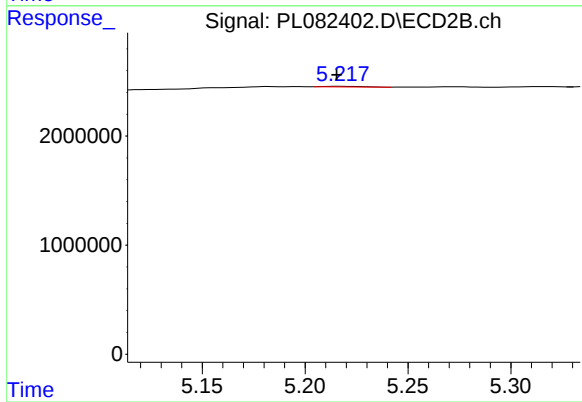
R.T.: 5.088 min  
Delta R.T.: 0.003 min  
Response: 32889  
Conc: 0.01 ng/ml



#13 Dieldrin

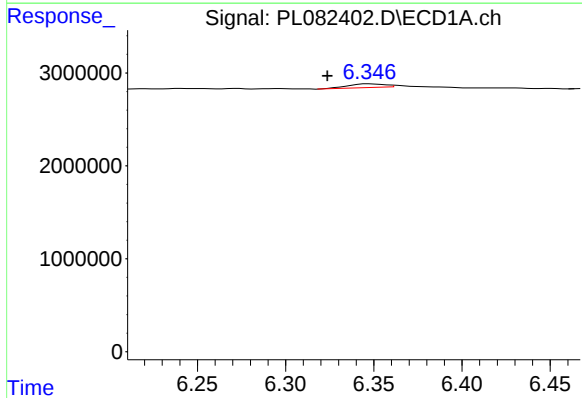
R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



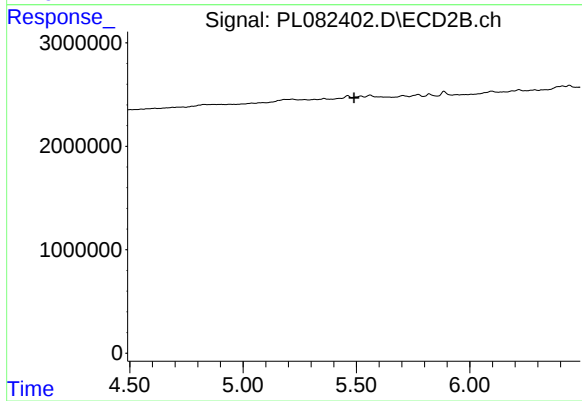
#13 Dieldrin

R.T.: 5.218 min  
Delta R.T.: 0.003 min  
Response: 76222  
Conc: 0.03 ng/ml



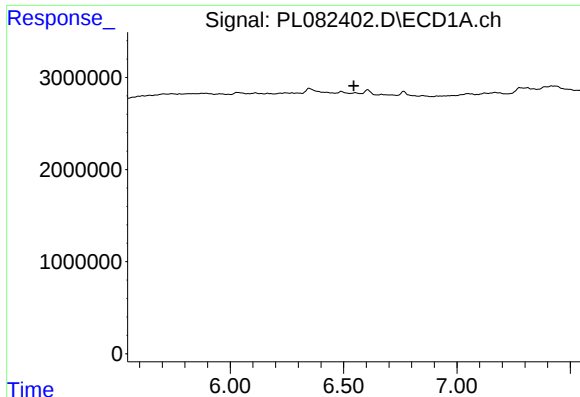
#14 Endrin

R.T.: 6.347 min  
Delta R.T.: 0.024 min  
Response: 599589  
Conc: 0.25 ng/ml



#14 Endrin

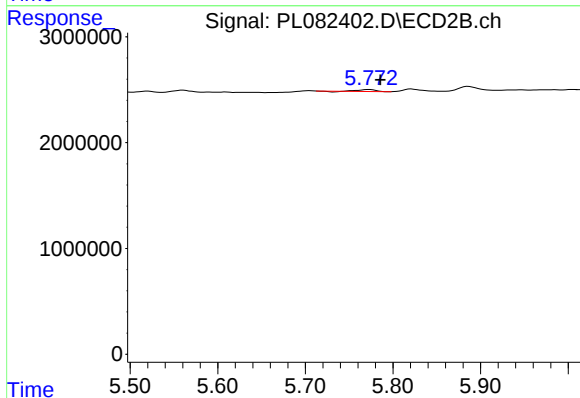
R.T.: 5.498 min  
Delta R.T.: 0.009 min  
Response: -121702  
Conc: N.D.



#15 Endosulfan II

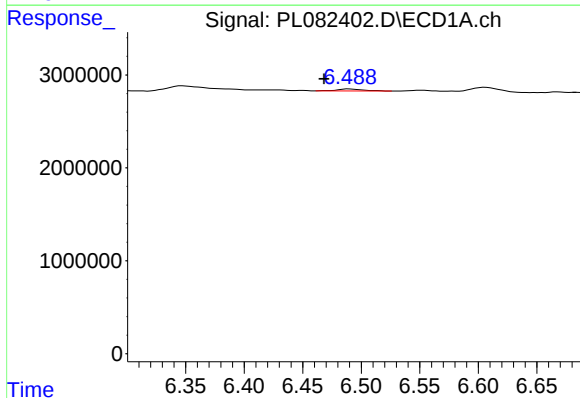
R.T.: 0.000 min  
Exp R.T.: 6.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



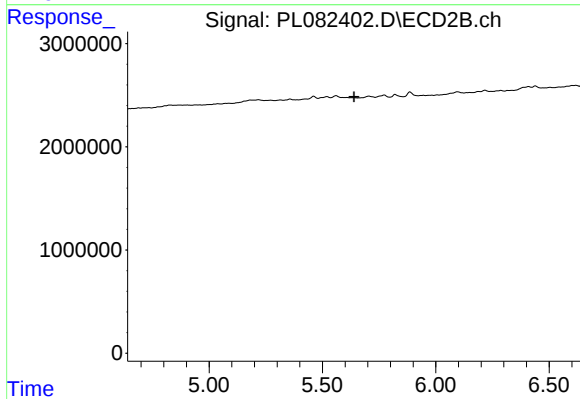
#15 Endosulfan II

R.T.: 5.773 min  
Delta R.T.: -0.013 min  
Response: 241225  
Conc: 0.11 ng/ml



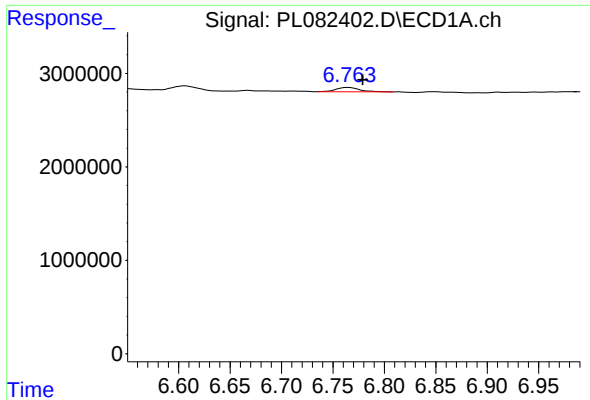
#16 4,4'-DDD

R.T.: 6.490 min  
Delta R.T.: 0.022 min  
Response: 326578  
Conc: 0.16 ng/ml



#16 4,4'-DDD

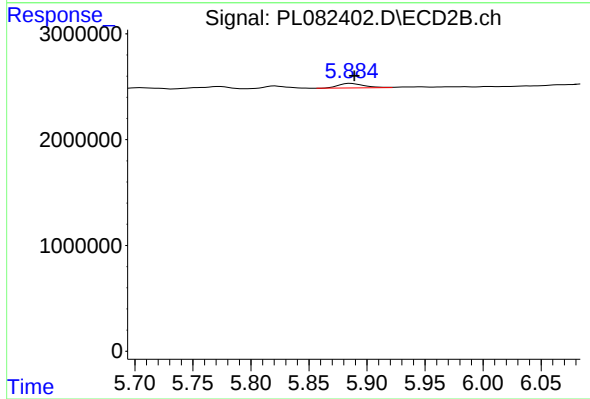
R.T.: 0.000 min  
Exp R.T.: 5.640 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

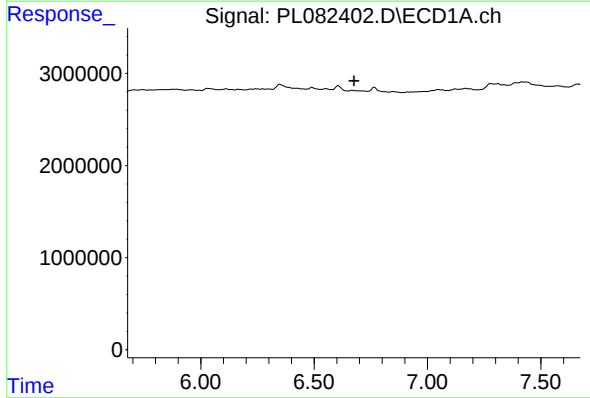
R.T.: 6.765 min  
Delta R.T.: -0.014 min  
Response: 729759  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



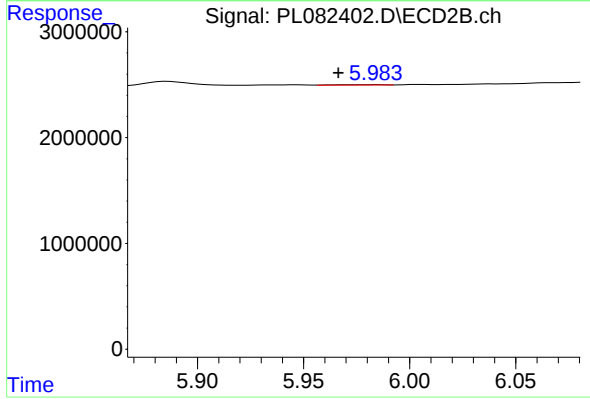
#17 4,4'-DDT

R.T.: 5.886 min  
Delta R.T.: -0.003 min  
Response: 675017  
Conc: 0.32 ng/ml



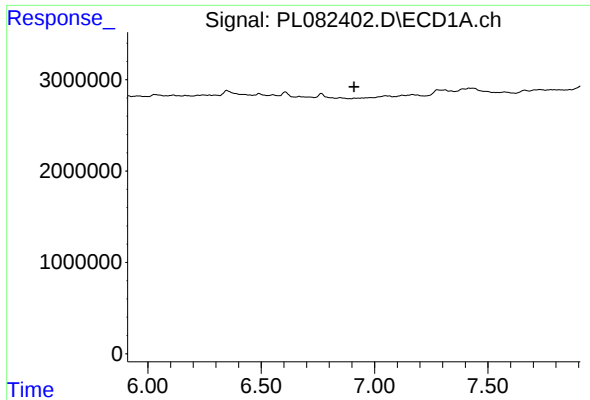
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.676 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

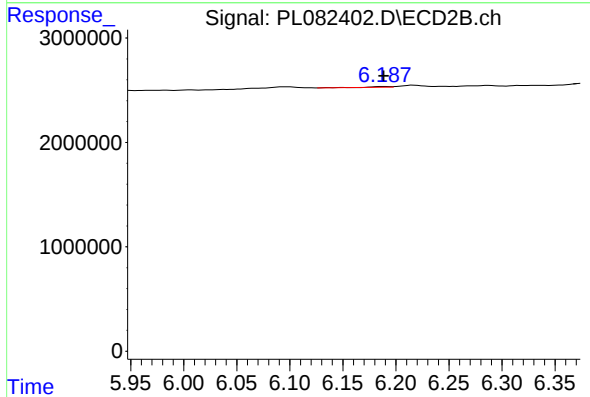
R.T.: 5.984 min  
Delta R.T.: 0.017 min  
Response: 54289  
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

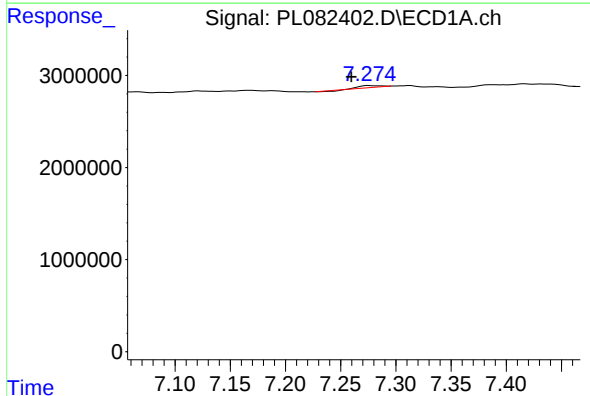
R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



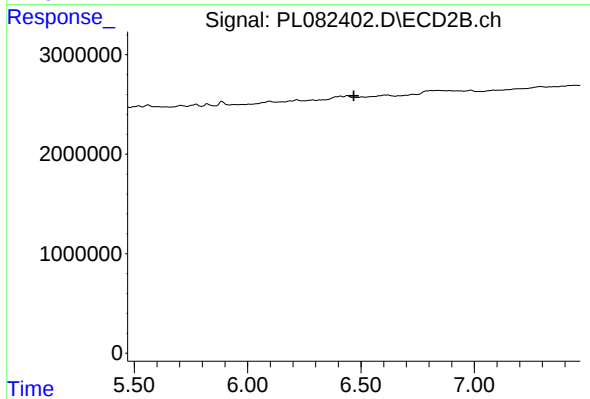
#19 Endosulfan Sulfate

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 97796  
Conc: 0.04 ng/ml



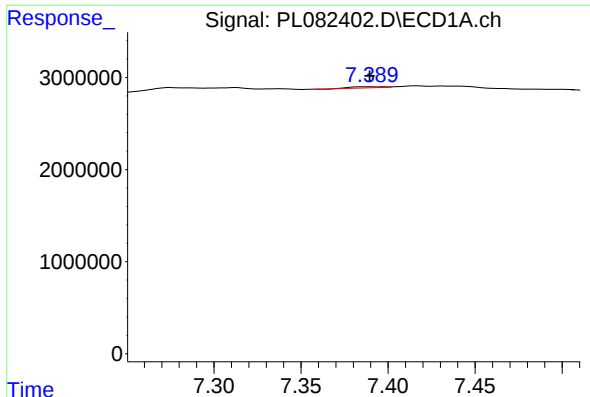
#20 Methoxychlor

R.T.: 7.276 min  
Delta R.T.: 0.016 min  
Response: 207790  
Conc: 0.17 ng/ml



#20 Methoxychlor

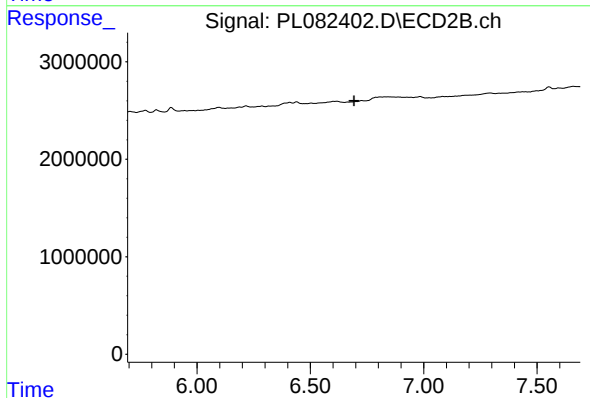
R.T.: 0.000 min  
Exp R.T.: 6.468 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

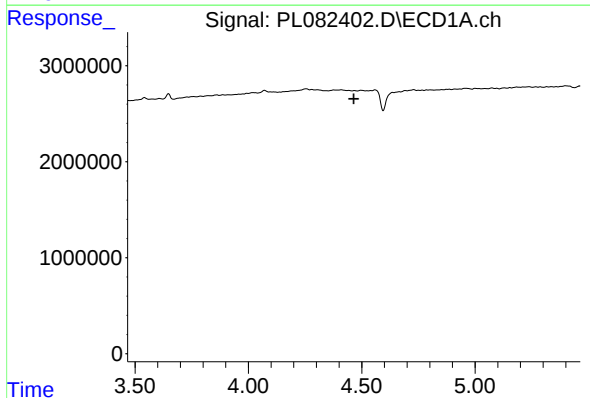
R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 152205  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



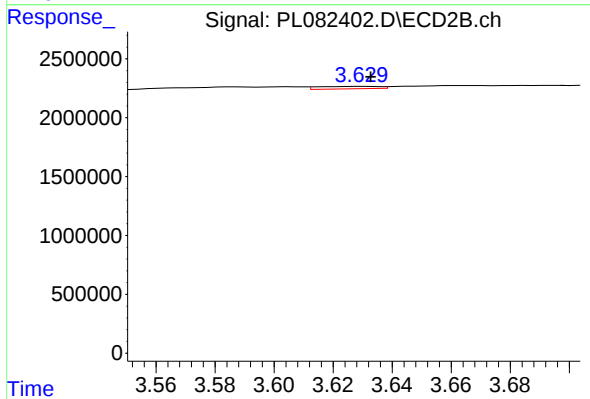
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.693 min  
Response: 0  
Conc: N.D.



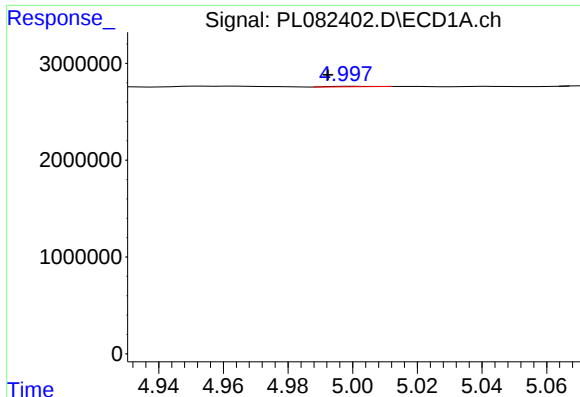
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.466 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

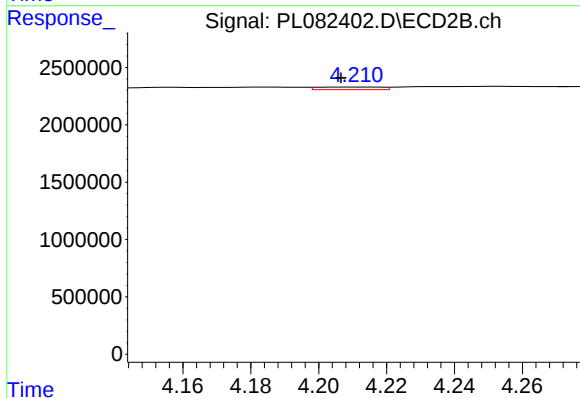
R.T.: 3.630 min  
Delta R.T.: -0.003 min  
Response: 299698  
Conc: 3.38 ng/ml



#24 Chlordane-2

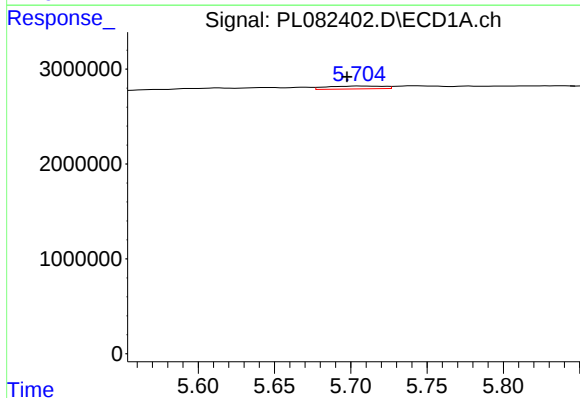
R.T.: 5.000 min  
Delta R.T.: 0.007 min  
Response: 44428  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



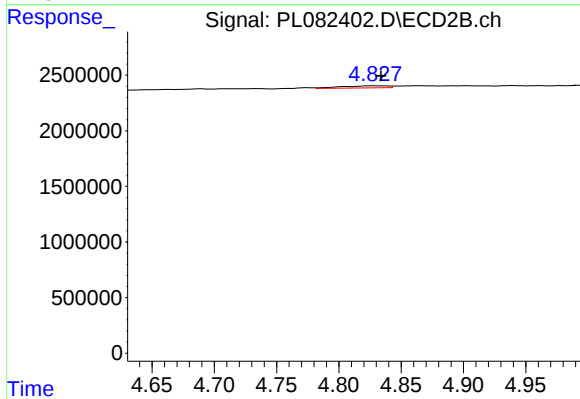
#24 Chlordane-2

R.T.: 4.212 min  
Delta R.T.: 0.006 min  
Response: 301489  
Conc: 2.69 ng/ml



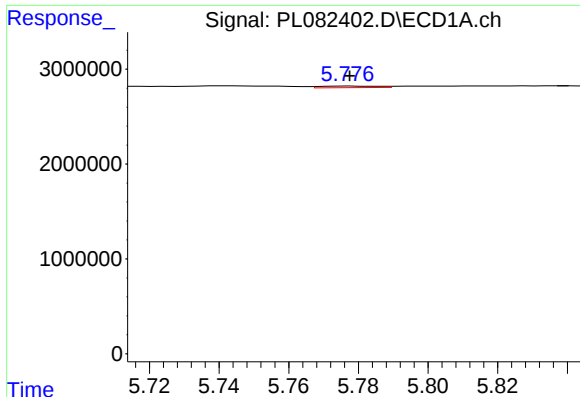
#25 Chlordane-3

R.T.: 5.706 min  
Delta R.T.: 0.008 min  
Response: 785981  
Conc: 1.82 ng/ml



#25 Chlordane-3

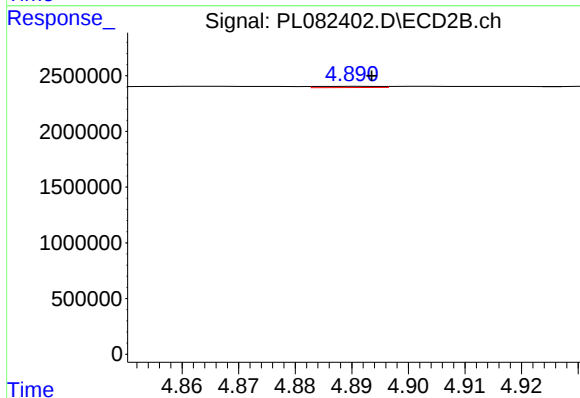
R.T.: 4.829 min  
Delta R.T.: -0.004 min  
Response: 499070  
Conc: 1.76 ng/ml



#26 Chlordane-4

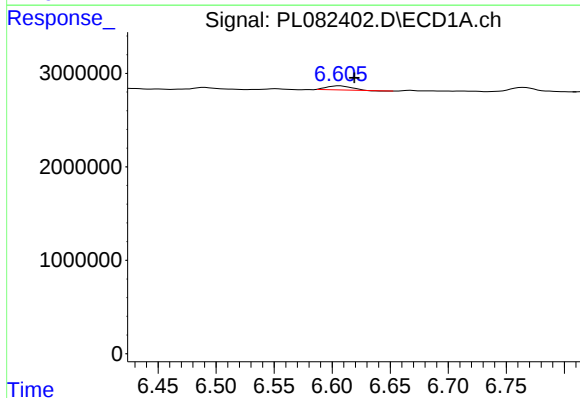
R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 188669  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



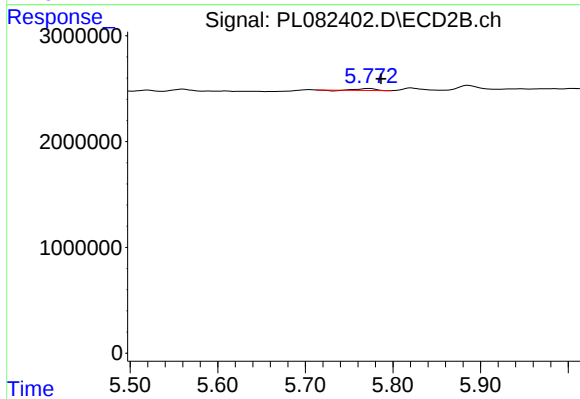
#26 Chlordane-4

R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 83949  
Conc: 0.28 ng/ml



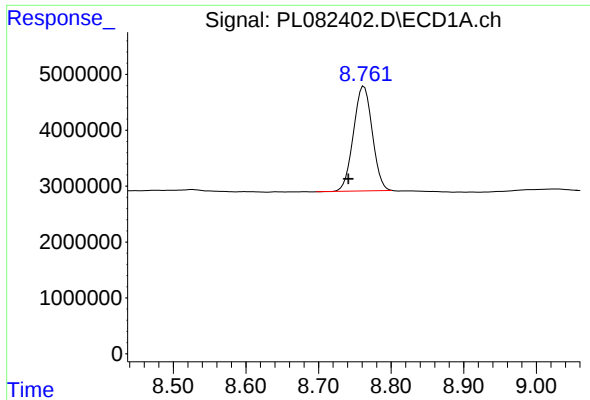
#27 Chlordane-5

R.T.: 6.607 min  
Delta R.T.: -0.013 min  
Response: 654505  
Conc: 6.97 ng/ml



#27 Chlordane-5

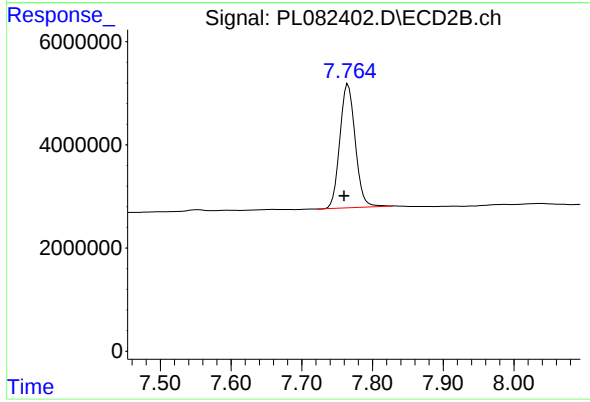
R.T.: 5.773 min  
Delta R.T.: -0.013 min  
Response: 241225  
Conc: 2.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.763 min  
Delta R.T.: 0.022 min  
Response: 33761087  
Conc: 17.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.766 min  
Delta R.T.: 0.006 min  
Response: 36311655  
Conc: 15.91 ng/ml