

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
 Data File : PL081493.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2023 12:09  
 Operator : AR\AJ  
 Sample : 01627-03  
 Misc : CHLOR MDL 25PPB SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 21:48:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.338  | 2.658  | 35775585 | 31078275 | 16.558 | 15.356   |
| 28)                         | SA Decachlor... | 8.765  | 7.785  | 28291617 | 33938823 | 18.557 | 17.718   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.795  | 3.152f | 219113   | 90993    | 0.069  | 0.031 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.506  | 0        | 247928   | N.D.   | 0.090 #  |
| 4)                          | MA Heptachlor   | 4.696  | 3.821  | 3139239  | 2918560  | 1.138  | 1.058    |
| 5)                          | MB Aldrin       | 5.010f | 4.118  | 2554568  | 814381   | 1.004  | 0.311 #  |
| 6)                          | B beta-BHC      | 4.342f | 3.792  | 113969   | -44818   | 0.083  | N.D. #   |
| 7)                          | B delta-BHC     | 4.558  | 4.005f | 3099013  | 388949   | 1.115  | 0.153 #  |
| 8)                          | B Heptachlo...  | 5.450  | 0.000  | 3568545  | 0        | 1.512  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.840  | 5.002f | 164836   | 120945   | 0.078  | 0.053 #  |
| 10)                         | B gamma-Chl...  | 5.716  | 4.851  | 11398286 | 6860018  | 4.995  | 2.803 #  |
| 11)                         | B alpha-Chl...  | 5.797  | 4.913  | 13337699 | 7326176  | 5.920  | 2.992 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.106  | 0        | 175657   | N.D.   | 0.089 #  |
| 13)                         | MA Dieldrin     | 6.118  | 5.242  | 332639   | 13897    | 0.159  | 0.006 #  |
| 14)                         | MA Endrin       | 0.000  | 5.501f | 0        | 484014   | N.D.   | 0.241 #  |
| 15)                         | B Endosulfa...  | 6.551  | 5.807  | 2108010  | 1788297  | 1.209  | 0.970    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.905  | 0        | 60723    | N.D.   | 0.038 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.013f | 0        | 84135    | N.D.   | 0.056 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.219  | 0        | 68383    | N.D.   | 0.036 #  |
| 21)                         | B Endrin ke...  | 7.419  | 6.731  | 211351   | 100759   | 0.117  | 0.047 #  |
| 23)                         | Chlordane-1     | 4.483  | 3.648  | 2682822  | 2120778  | 28.023 | 25.720   |
| 24)                         | Chlordane-2     | 5.010  | 4.223  | 2554568  | 3399599  | 25.525 | 33.209 # |
| 25)                         | Chlordane-3     | 5.716  | 4.851  | 11398286 | 6860018  | 31.162 | 25.383   |
| 26)                         | Chlordane-4     | 5.797  | 4.913  | 13337699 | 7326176  | 30.345 | 26.087   |
| 27)                         | Chlordane-5     | 6.637  | 5.580  | 1721158  | 2121570  | 22.838 | 30.710 # |
| -----                       |                 |        |        |          |          |        |          |

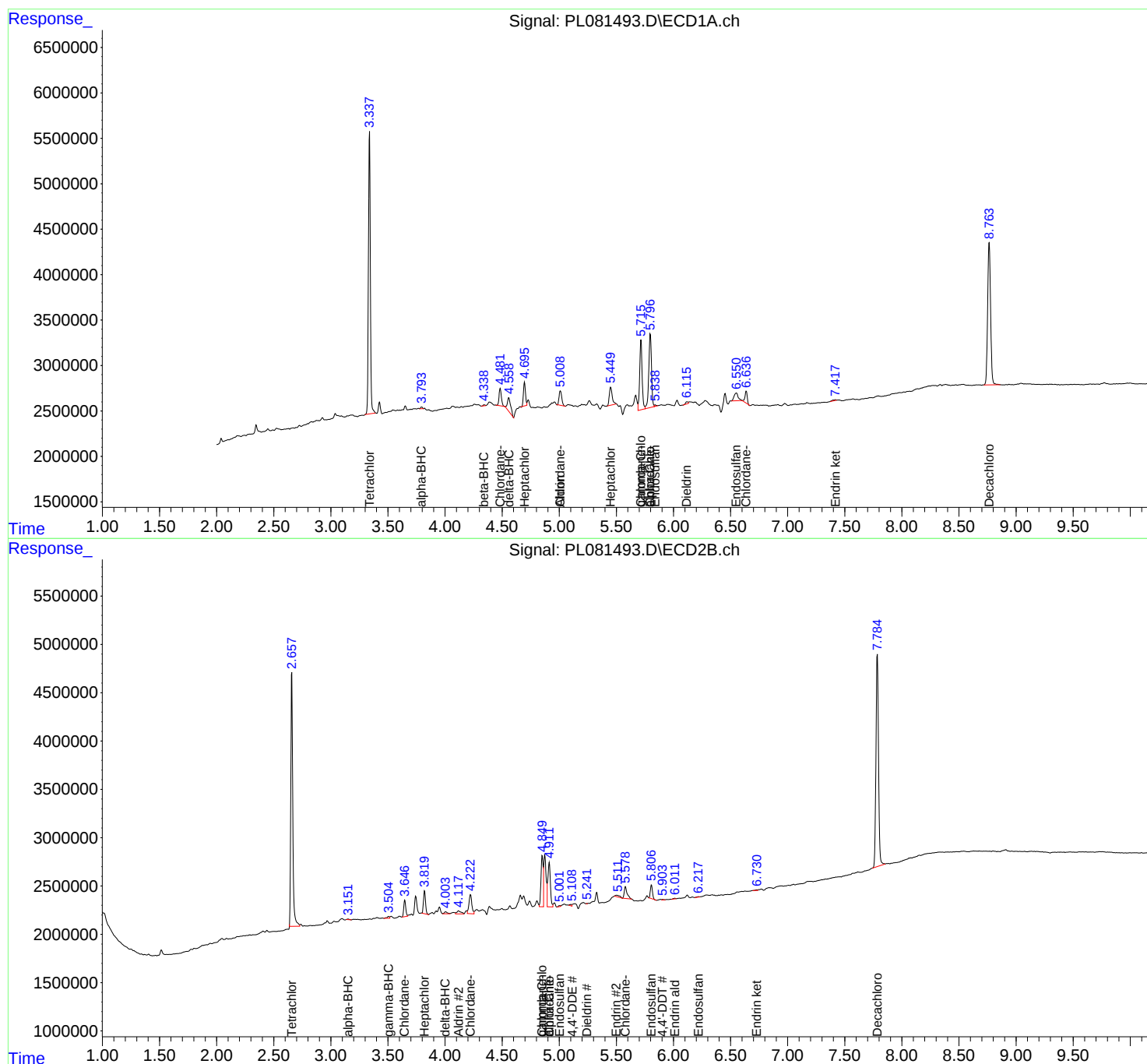
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

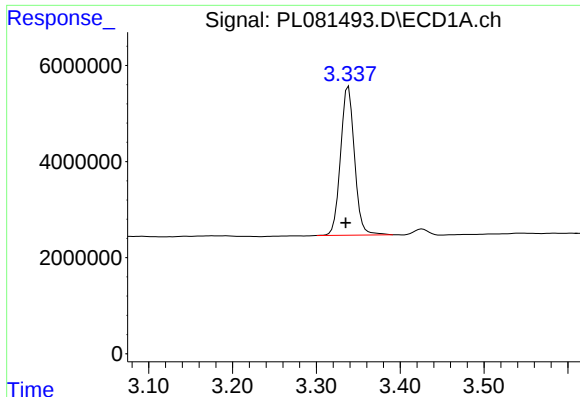
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
Data File : PL081493.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2023 12:09  
Operator : AR\AJ  
Sample : 01627-03  
Misc : CHLOR MDL 25PPB SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 21:48:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

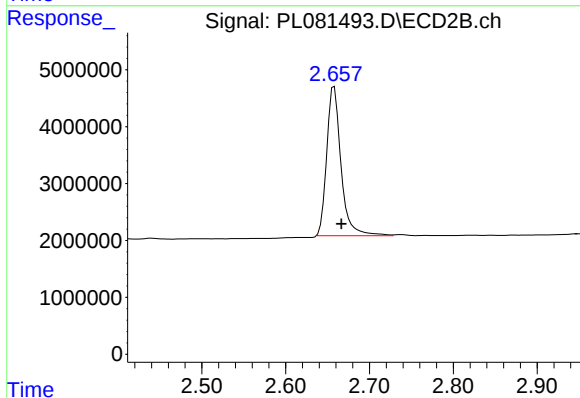




#1 Tetrachloro-m-xylene

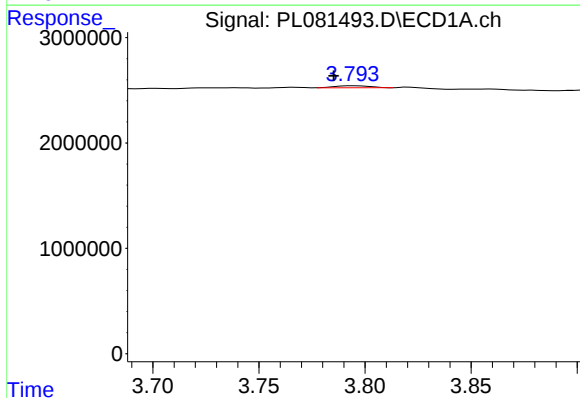
R.T.: 3.338 min  
Delta R.T.: 0.003 min  
Response: 35775585  
Conc: 16.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



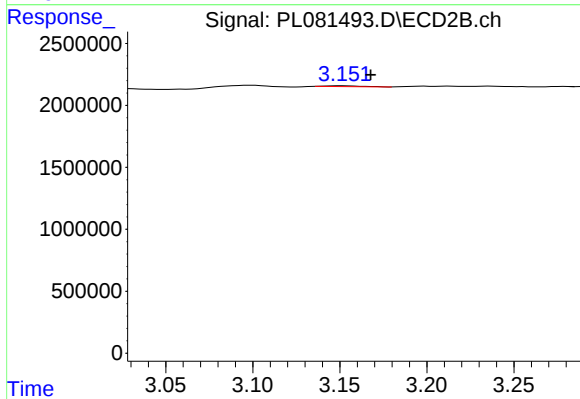
#1 Tetrachloro-m-xylene

R.T.: 2.658 min  
Delta R.T.: -0.008 min  
Response: 31078275  
Conc: 15.36 ng/ml



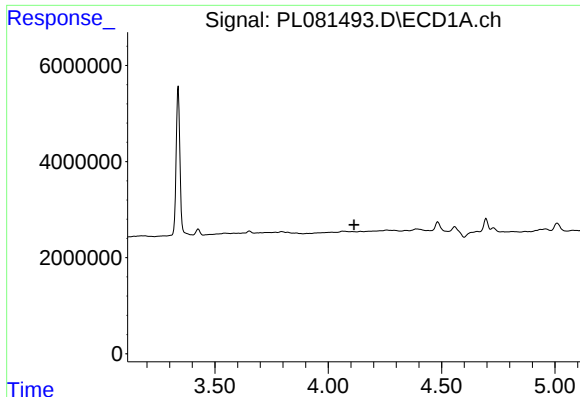
#2 alpha-BHC

R.T.: 3.795 min  
Delta R.T.: 0.009 min  
Response: 219113  
Conc: 0.07 ng/ml



#2 alpha-BHC

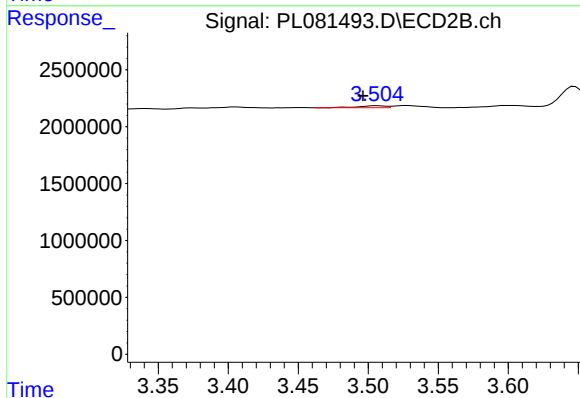
R.T.: 3.152 min  
Delta R.T.: -0.015 min  
Response: 90993  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

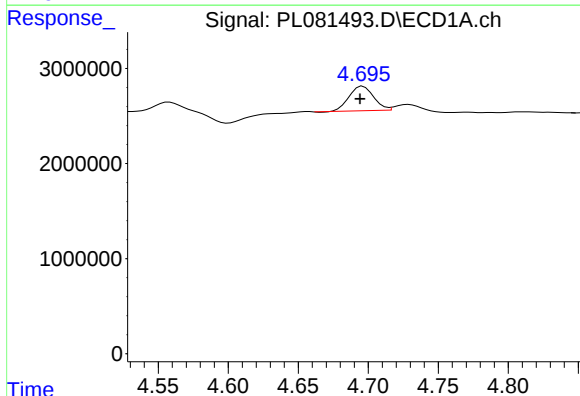
R.T.: 0.000 min  
Exp R.T.: 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



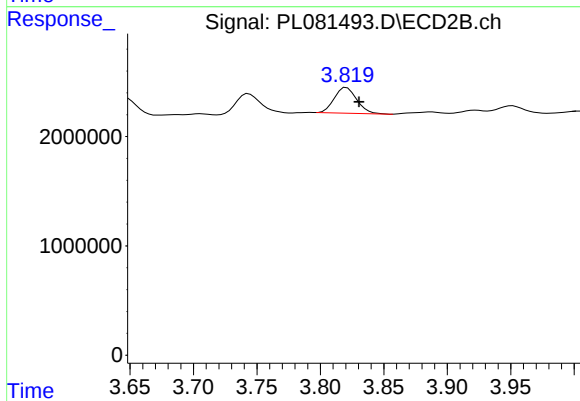
#3 gamma-BHC (Lindane)

R.T.: 3.506 min  
Delta R.T.: 0.009 min  
Response: 247928  
Conc: 0.09 ng/ml



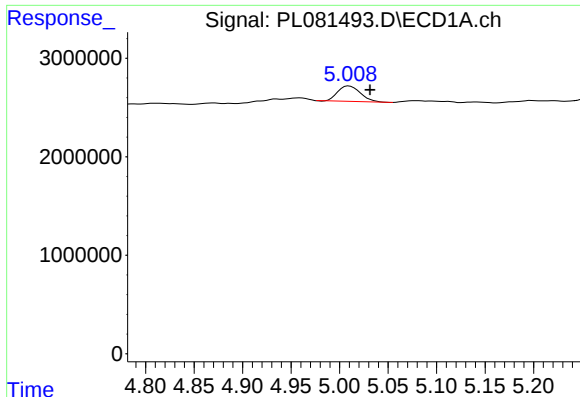
#4 Heptachlor

R.T.: 4.696 min  
Delta R.T.: 0.002 min  
Response: 3139239  
Conc: 1.14 ng/ml



#4 Heptachlor

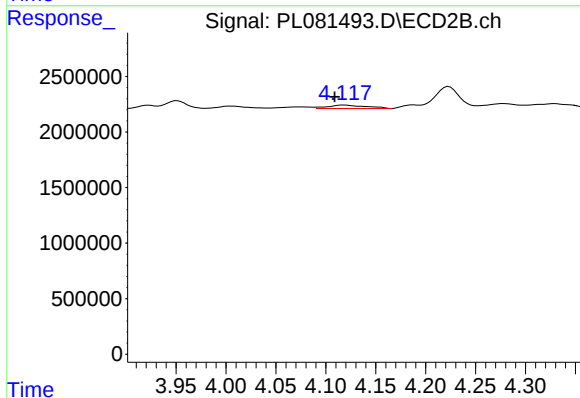
R.T.: 3.821 min  
Delta R.T.: -0.010 min  
Response: 2918560  
Conc: 1.06 ng/ml



#5 Aldrin

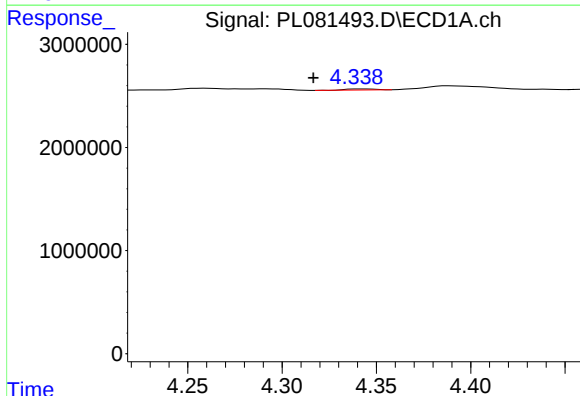
R.T.: 5.010 min  
Delta R.T.: -0.022 min  
Response: 2554568  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



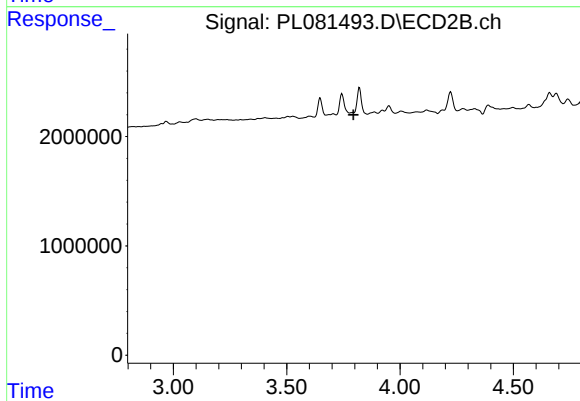
#5 Aldrin

R.T.: 4.118 min  
Delta R.T.: 0.009 min  
Response: 814381  
Conc: 0.31 ng/ml



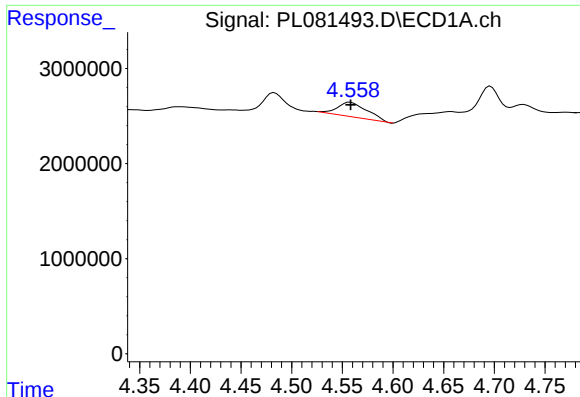
#6 beta-BHC

R.T.: 4.342 min  
Delta R.T.: 0.025 min  
Response: 113969  
Conc: 0.08 ng/ml



#6 beta-BHC

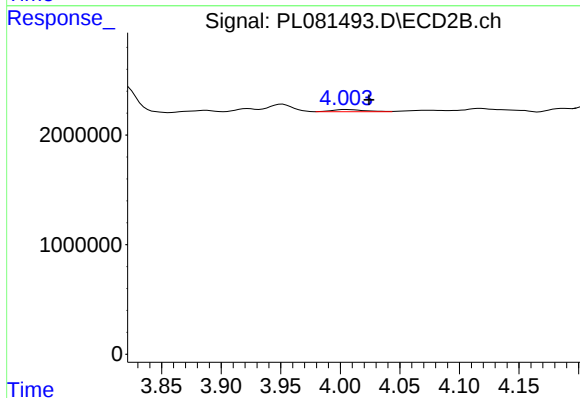
R.T.: 3.792 min  
Delta R.T.: -0.003 min  
Response: -44818  
Conc: N.D.



#7 delta-BHC

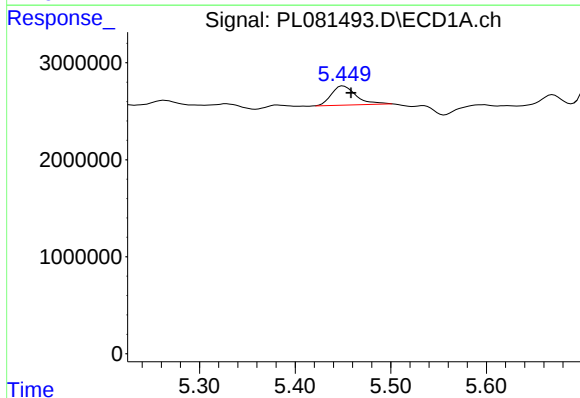
R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 3099013  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



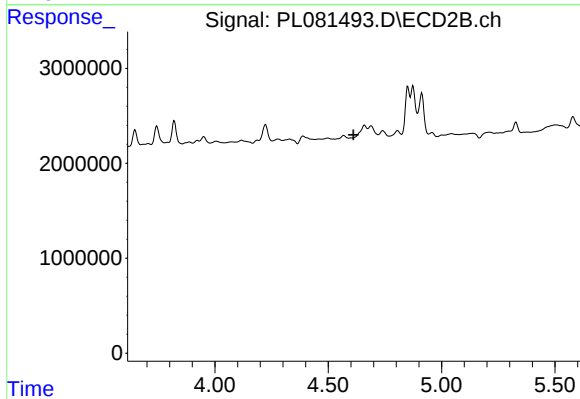
#7 delta-BHC

R.T.: 4.005 min  
Delta R.T.: -0.019 min  
Response: 388949  
Conc: 0.15 ng/ml



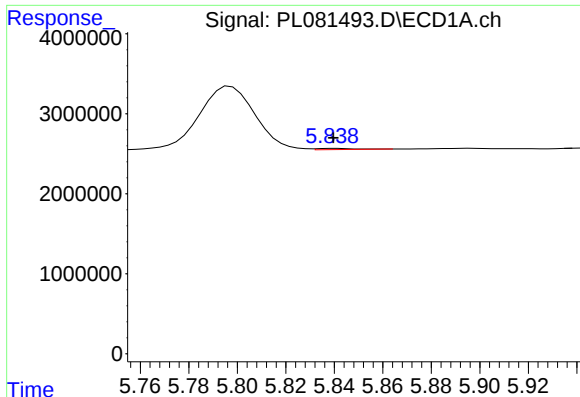
#8 Heptachlor epoxide

R.T.: 5.450 min  
Delta R.T.: -0.008 min  
Response: 3568545  
Conc: 1.51 ng/ml



#8 Heptachlor epoxide

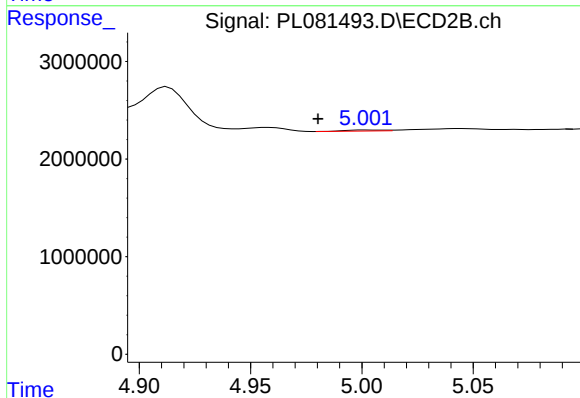
R.T.: 0.000 min  
Exp R.T. : 4.612 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

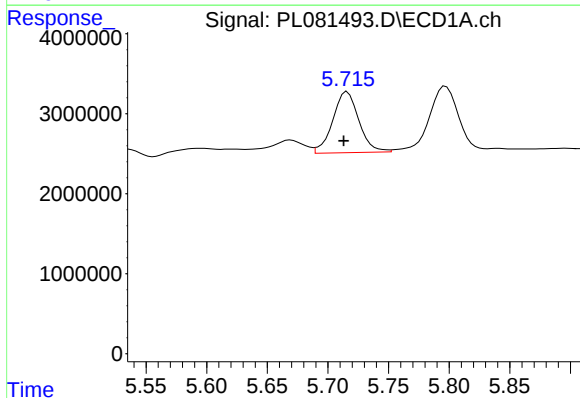
R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 164836  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



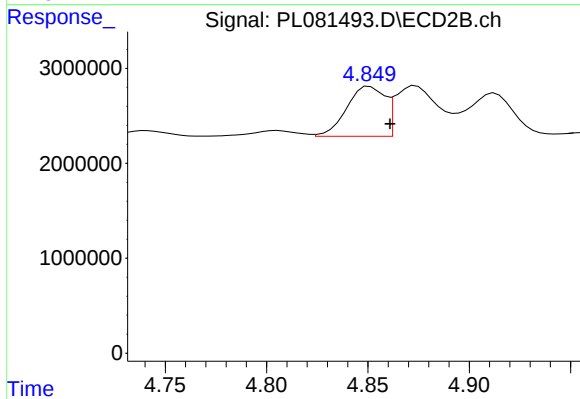
#9 Endosulfan I

R.T.: 5.002 min  
Delta R.T.: 0.022 min  
Response: 120945  
Conc: 0.05 ng/ml



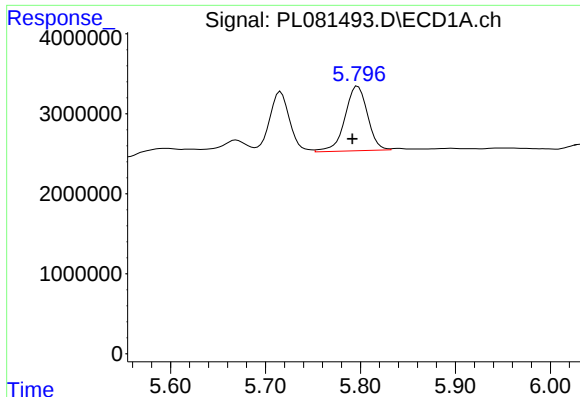
#10 gamma-Chlordane

R.T.: 5.716 min  
Delta R.T.: 0.003 min  
Response: 11398286  
Conc: 5.00 ng/ml



#10 gamma-Chlordane

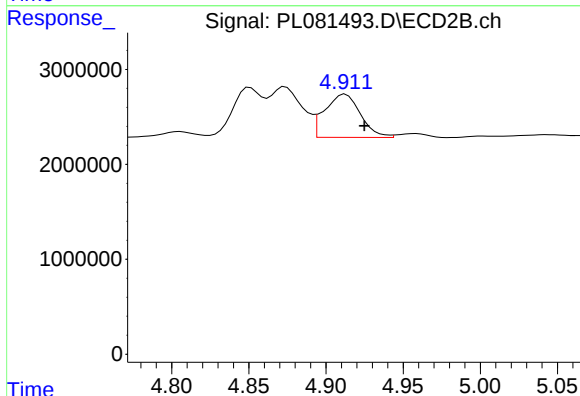
R.T.: 4.851 min  
Delta R.T.: -0.010 min  
Response: 6860018  
Conc: 2.80 ng/ml



#11 alpha-Chlordane

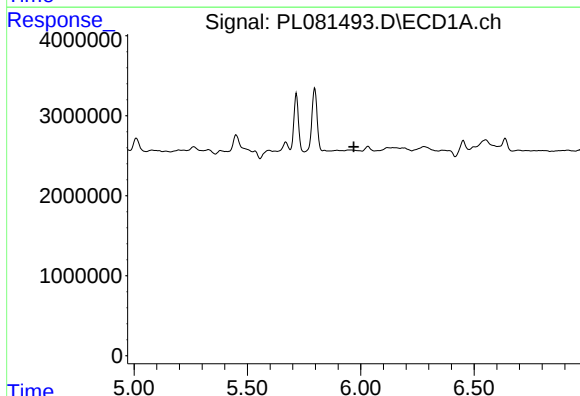
R.T.: 5.797 min  
Delta R.T.: 0.006 min  
Response: 13337699  
Conc: 5.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



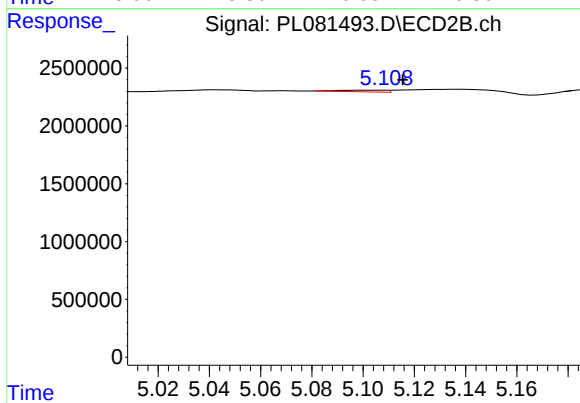
#11 alpha-Chlordane

R.T.: 4.913 min  
Delta R.T.: -0.012 min  
Response: 7326176  
Conc: 2.99 ng/ml



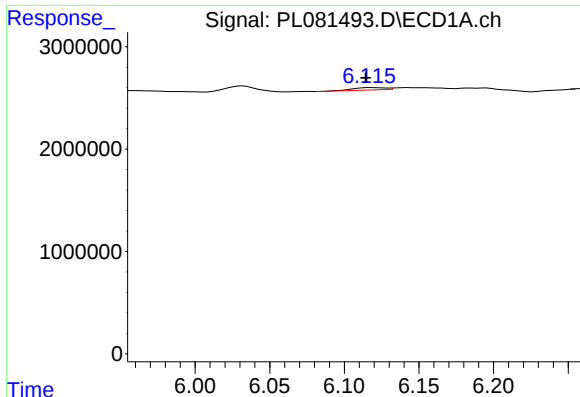
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.970 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

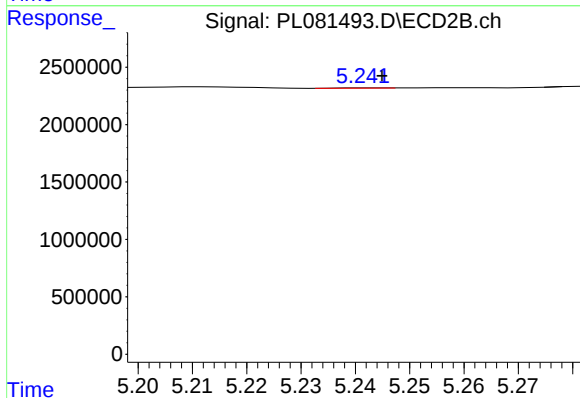
R.T.: 5.106 min  
Delta R.T.: -0.009 min  
Response: 175657  
Conc: 0.09 ng/ml



#13 Dieldrin

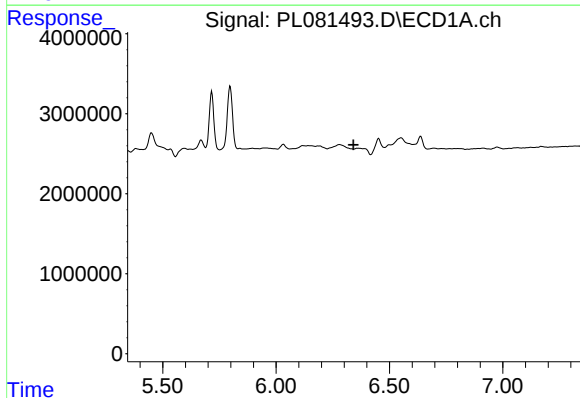
R.T.: 6.118 min  
Delta R.T.: 0.004 min  
Response: 332639  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



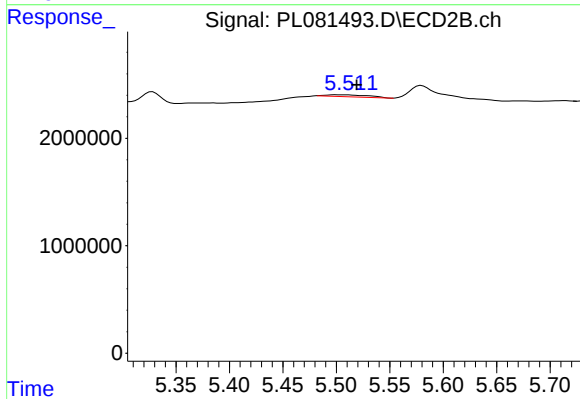
#13 Dieldrin

R.T.: 5.242 min  
Delta R.T.: -0.003 min  
Response: 13897  
Conc: 0.01 ng/ml



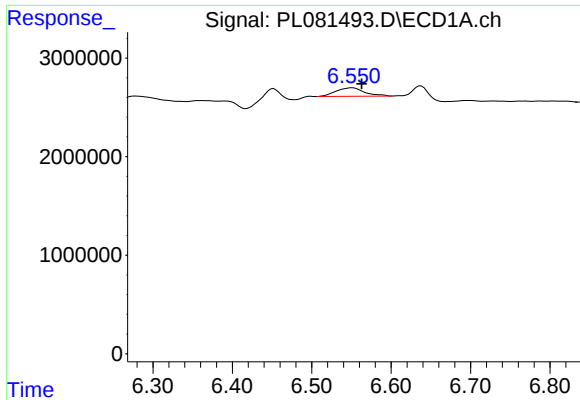
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.342 min  
Response: 0  
Conc: N.D.



#14 Endrin

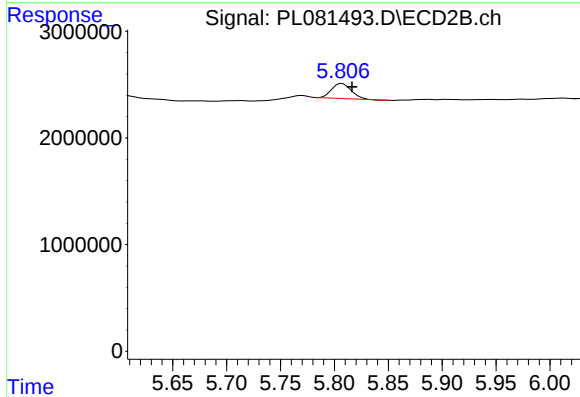
R.T.: 5.501 min  
Delta R.T.: -0.018 min  
Response: 484014  
Conc: 0.24 ng/ml



#15 Endosulfan II

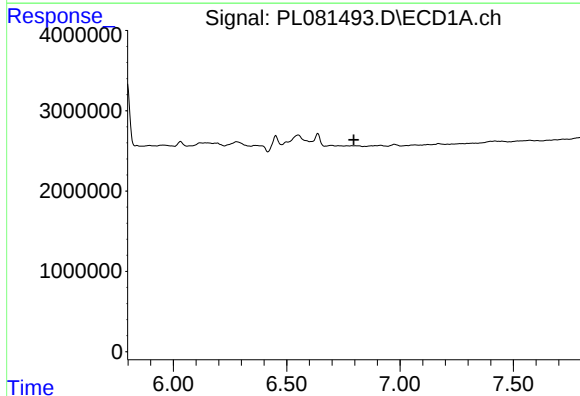
R.T.: 6.551 min  
Delta R.T.: -0.012 min  
Response: 2108010  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



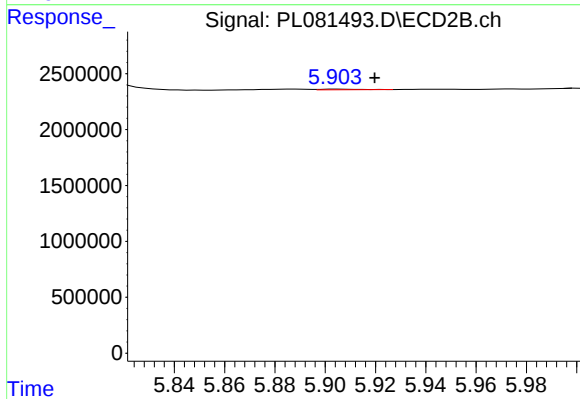
#15 Endosulfan II

R.T.: 5.807 min  
Delta R.T.: -0.009 min  
Response: 1788297  
Conc: 0.97 ng/ml



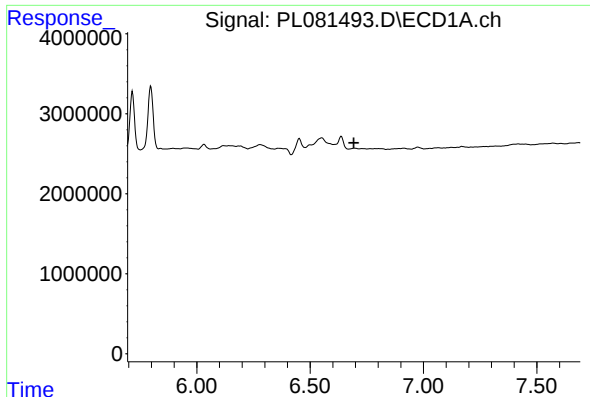
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.797 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

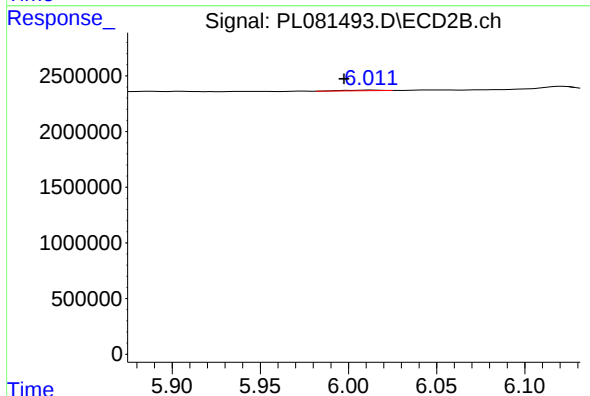
R.T.: 5.905 min  
Delta R.T.: -0.015 min  
Response: 60723  
Conc: 0.04 ng/ml



#18 Endrin aldehyde

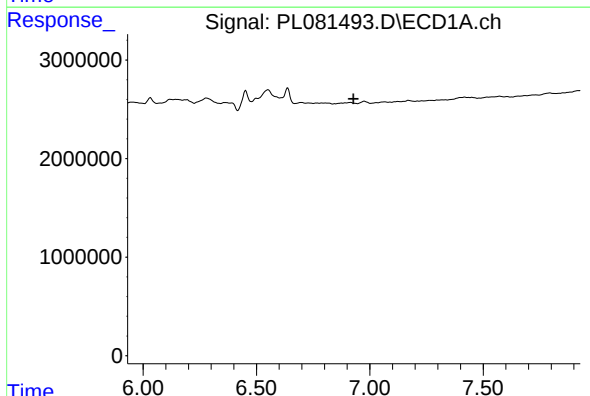
R.T.: 0.000 min  
Exp R.T.: 6.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



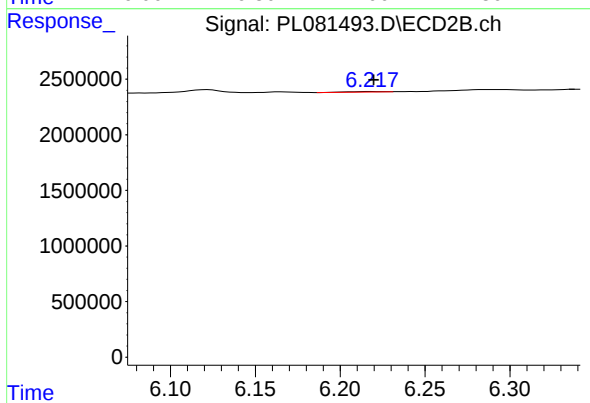
#18 Endrin aldehyde

R.T.: 6.013 min  
Delta R.T.: 0.016 min  
Response: 84135  
Conc: 0.06 ng/ml



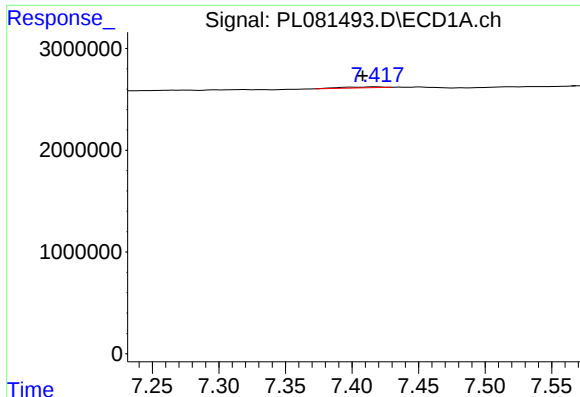
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

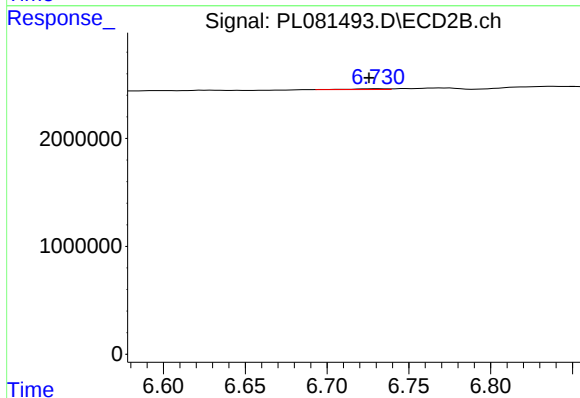
R.T.: 6.219 min  
Delta R.T.: -0.001 min  
Response: 68383  
Conc: 0.04 ng/ml



#21 Endrin ketone

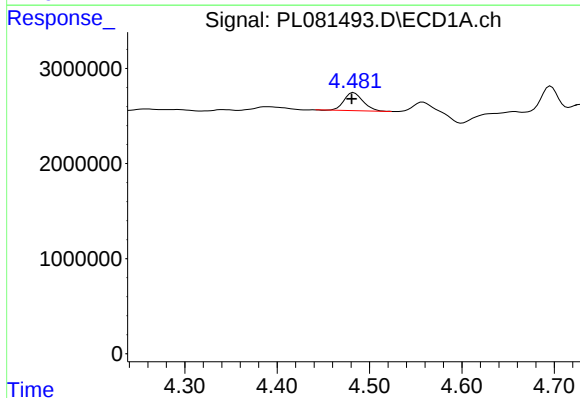
R.T.: 7.419 min  
Delta R.T.: 0.010 min  
Response: 211351  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



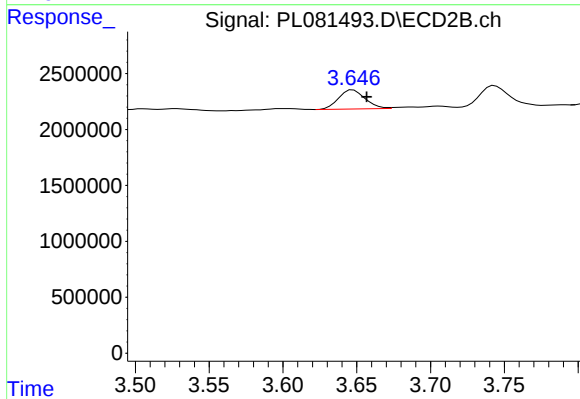
#21 Endrin ketone

R.T.: 6.731 min  
Delta R.T.: 0.005 min  
Response: 100759  
Conc: 0.05 ng/ml



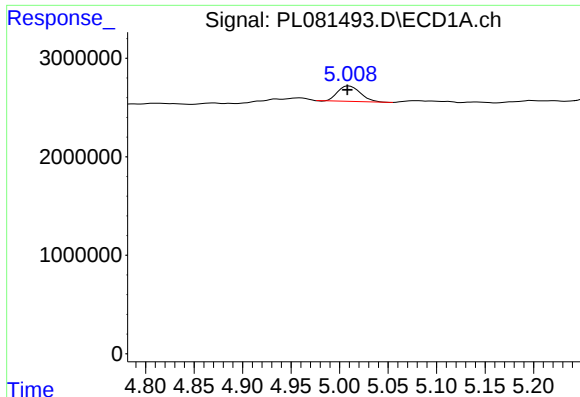
#23 Chlordane-1

R.T.: 4.483 min  
Delta R.T.: 0.002 min  
Response: 2682822  
Conc: 28.02 ng/ml



#23 Chlordane-1

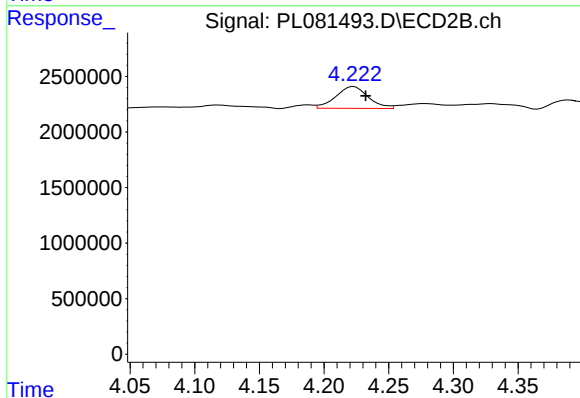
R.T.: 3.648 min  
Delta R.T.: -0.009 min  
Response: 2120778  
Conc: 25.72 ng/ml



#24 Chlordane-2

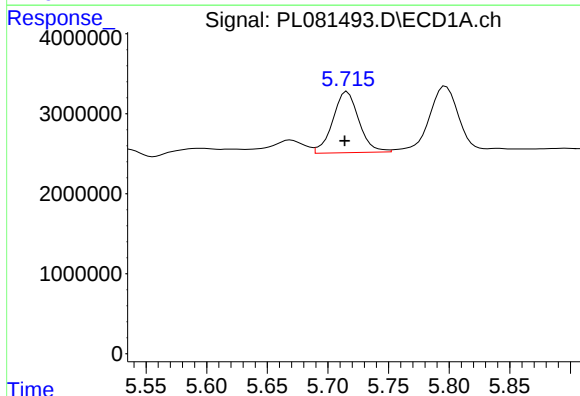
R.T.: 5.010 min  
Delta R.T.: 0.002 min  
Response: 2554568  
Conc: 25.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



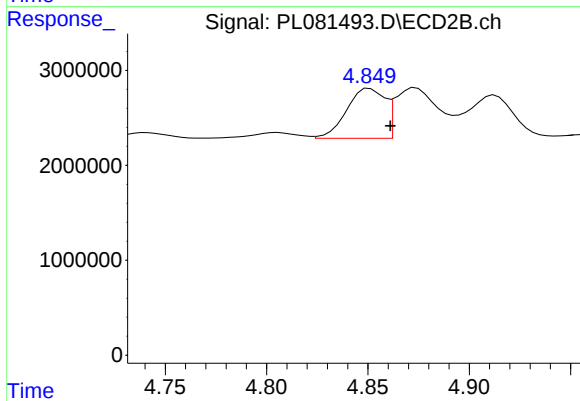
#24 Chlordane-2

R.T.: 4.223 min  
Delta R.T.: -0.009 min  
Response: 3399599  
Conc: 33.21 ng/ml



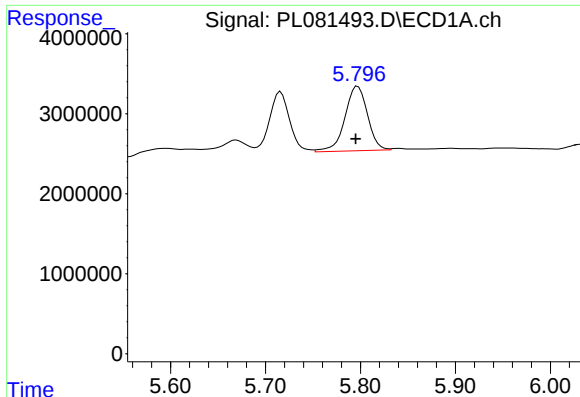
#25 Chlordane-3

R.T.: 5.716 min  
Delta R.T.: 0.002 min  
Response: 11398286  
Conc: 31.16 ng/ml



#25 Chlordane-3

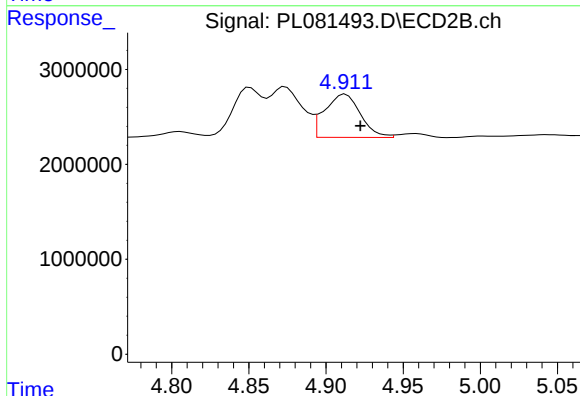
R.T.: 4.851 min  
Delta R.T.: -0.010 min  
Response: 6860018  
Conc: 25.38 ng/ml



#26 Chlordane-4

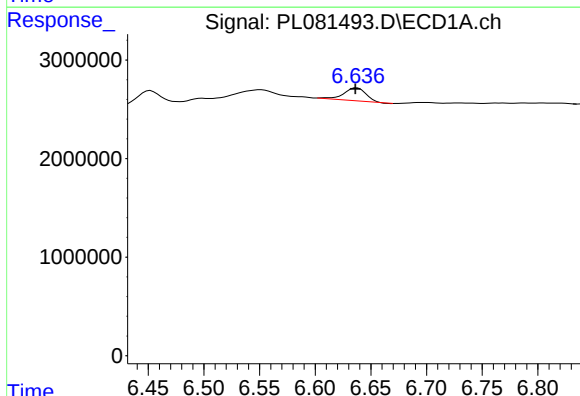
R.T.: 5.797 min  
Delta R.T.: 0.002 min  
Response: 13337699  
Conc: 30.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



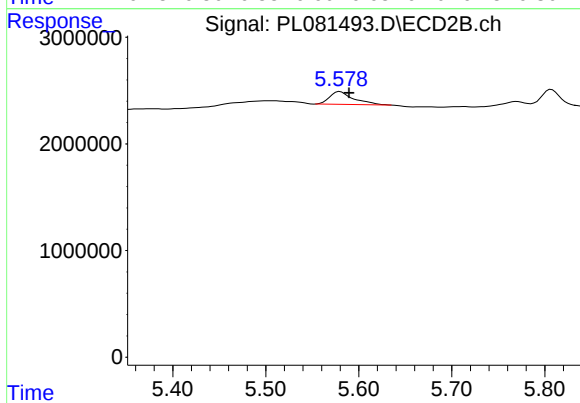
#26 Chlordane-4

R.T.: 4.913 min  
Delta R.T.: -0.010 min  
Response: 7326176  
Conc: 26.09 ng/ml



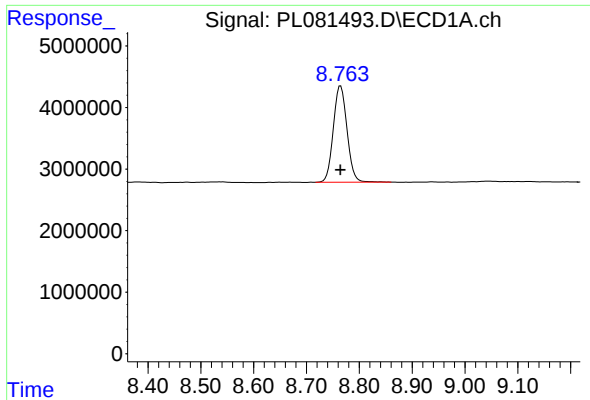
#27 Chlordane-5

R.T.: 6.637 min  
Delta R.T.: 0.001 min  
Response: 1721158  
Conc: 22.84 ng/ml



#27 Chlordane-5

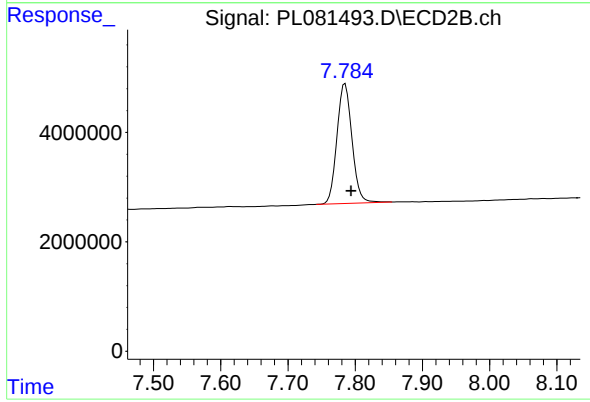
R.T.: 5.580 min  
Delta R.T.: -0.010 min  
Response: 2121570  
Conc: 30.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: 0.000 min  
Response: 28291617  
Conc: 18.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.785 min  
Delta R.T.: -0.009 min  
Response: 33938823  
Conc: 17.72 ng/ml