

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061723\  
 Data File : PL083511.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2023 05:48  
 Operator : AR\AJ  
 Sample : IBLK  
 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 17 12:37:01 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... | 3.452 | 2.752  | 44075771 | 44777541 | 19.941 | 19.223  |
| 28)                         | SA Decachlor... | 8.994 | 7.965  | 39871961 | 49720361 | 20.924 | 20.244  |
| Target Compounds            |                 |       |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000 | 3.250  | 0        | 211160   | N.D.   | 0.063 # |
| 4)                          | MA Heptachlor   | 4.834 | 3.956  | 230480   | 34823    | 0.083  | 0.011 # |
| 6)                          | B beta-BHC      | 0.000 | 3.910  | 0        | 228394   | N.D.   | 0.153 # |
| 7)                          | B delta-BHC     | 4.674 | 4.129  | 976054   | 50304    | 0.354  | 0.016 # |
| 8)                          | B Heptachlo...  | 5.605 | 4.736  | 823442   | 6072     | 0.324  | 0.002 # |
| 9)                          | A Endosulfan I  | 5.989 | 5.094  | 1269217  | 132360   | 0.570  | 0.049 # |
| 10)                         | B gamma-Chl...  | 0.000 | 4.984  | 0        | 137729   | N.D.   | 0.047 # |
| 11)                         | B alpha-Chl...  | 5.943 | 5.051  | 957676   | 382196   | 0.404  | 0.129 # |
| 12)                         | B 4,4'-DDE      | 6.108 | 5.278f | 670432   | 13095    | 0.332  | 0.005 # |
| 13)                         | MA Dieldrin     | 0.000 | 5.384  | 0        | 9564     | N.D.   | 0.003 # |
| 15)                         | B Endosulfa...  | 0.000 | 5.928f | 0        | 691484   | N.D.   | 0.291 # |
| 16)                         | A 4,4'-DDD      | 0.000 | 5.812  | 0        | 70881    | N.D.   | 0.032 # |
| 17)                         | MA 4,4'-DDT     | 6.967 | 0.000  | 115099   | 0        | 0.068  | N.D. #  |
| 18)                         | B Endrin al...  | 6.853 | 6.129  | 81512    | 88355    | 0.055  | 0.047   |
| 19)                         | B Endosulfa...  | 7.083 | 6.361  | 233898   | 1068061  | 0.122  | 0.441 # |
| 21)                         | B Endrin ke...  | 0.000 | 6.861  | 0        | 930      | N.D.   | 0.000 # |
| 22)                         | Mirex           | 8.039 | 7.042  | 448928   | 335316   | 0.241  | 0.139 # |
| 23)                         | Chlordane-1     | 0.000 | 3.777  | 0        | 204371   | N.D.   | 2.085 # |
| 24)                         | Chlordane-2     | 0.000 | 4.360  | 0        | 297422   | N.D.   | 2.473 # |
| 25)                         | Chlordane-3     | 0.000 | 4.984  | 0        | 137729   | N.D.   | 0.420 # |
| 26)                         | Chlordane-4     | 5.943 | 5.051  | 957676   | 382196   | 2.071  | 1.134 # |
| 27)                         | Chlordane-5     | 0.000 | 5.928f | 0        | 691484   | N.D.   | 6.220 # |
| -----                       |                 |       |        |          |          |        |         |

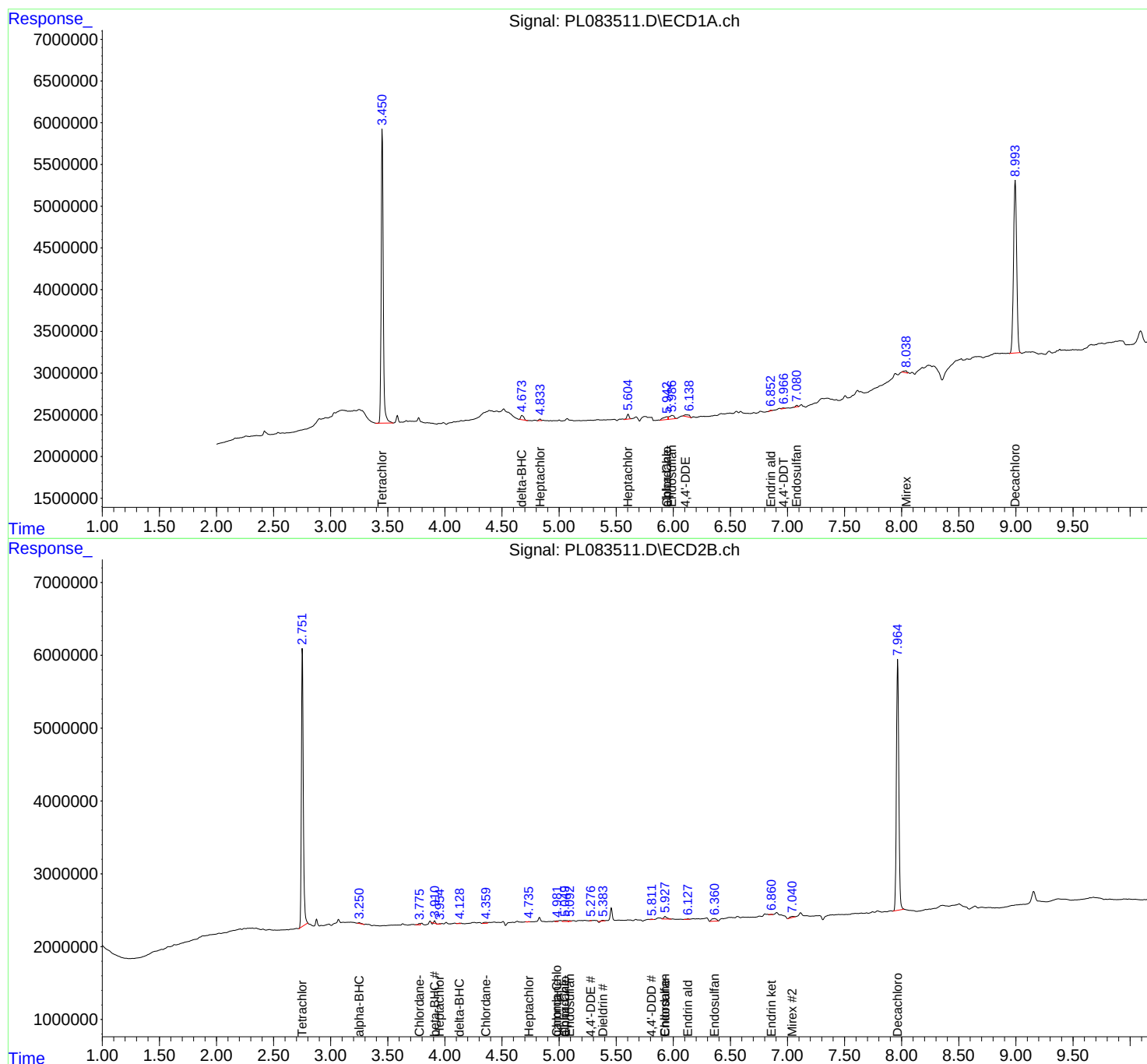
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

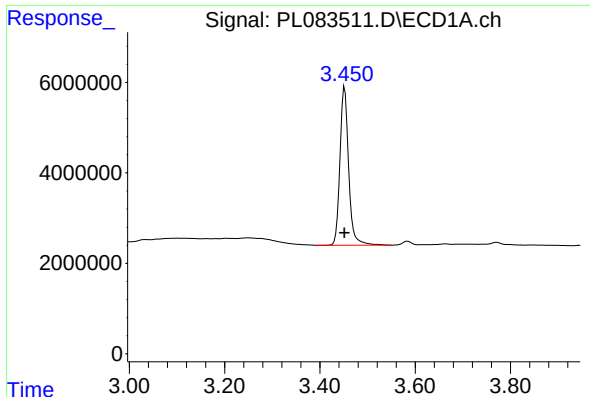
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061723\  
Data File : PL083511.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2023 05:48  
Operator : AR\AJ  
Sample : IBLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 17 12:37:01 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

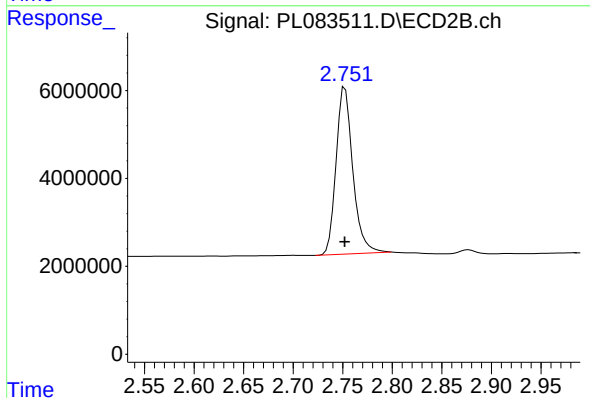




#1 Tetrachloro-m-xylene

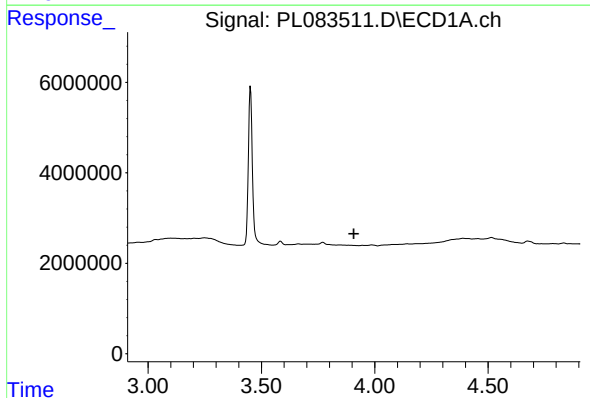
R.T.: 3.452 min  
Delta R.T.: 0.000 min  
Response: 44075771  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



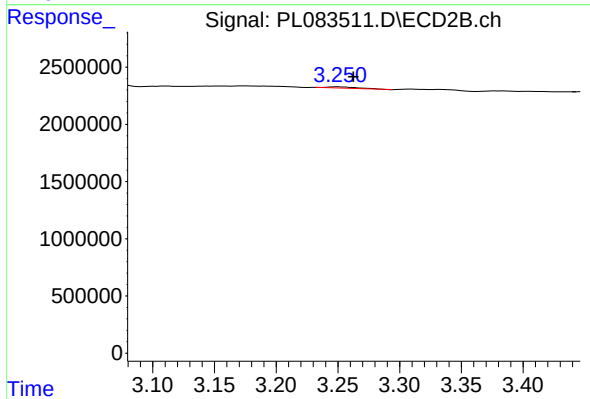
#1 Tetrachloro-m-xylene

R.T.: 2.752 min  
Delta R.T.: 0.000 min  
Response: 44777541  
Conc: 19.22 ng/ml



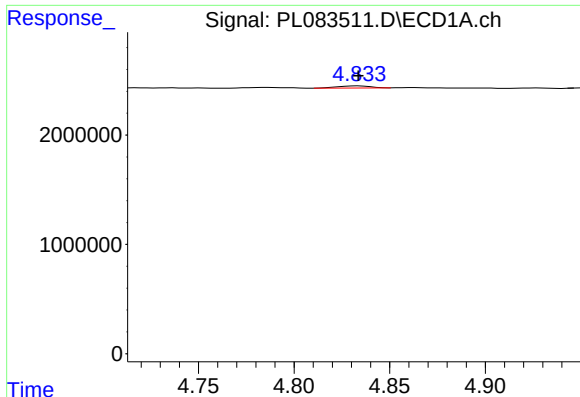
#2 alpha-BHC

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



#2 alpha-BHC

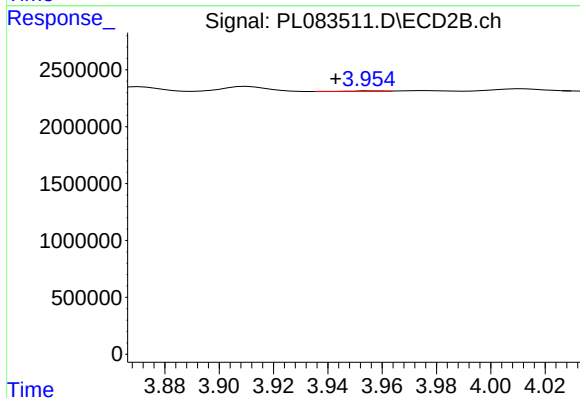
R.T.: 3.250 min  
Delta R.T.: -0.012 min  
Response: 211160  
Conc: 0.06 ng/ml



#4 Heptachlor

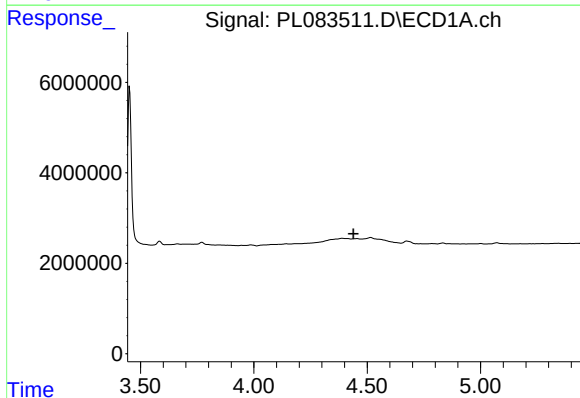
R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 230480  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



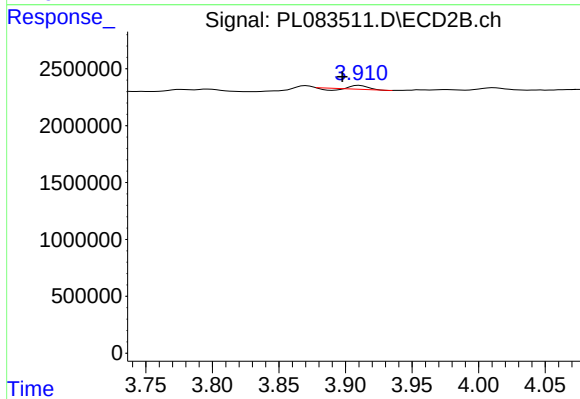
#4 Heptachlor

R.T.: 3.956 min  
Delta R.T.: 0.013 min  
Response: 34823  
Conc: 0.01 ng/ml



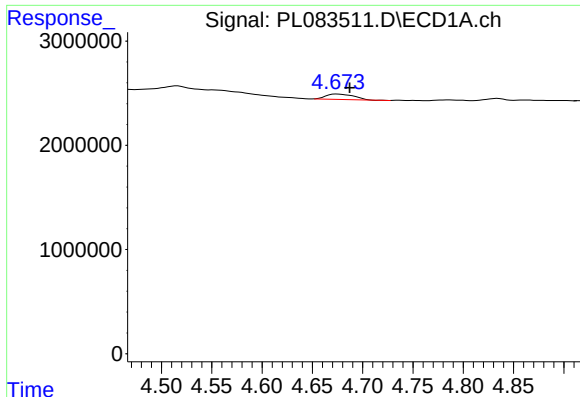
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.440 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

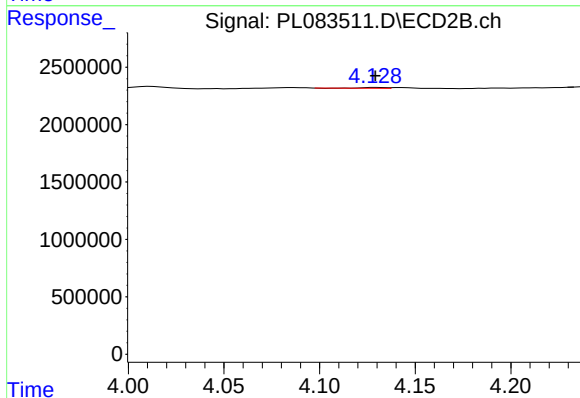
R.T.: 3.910 min  
Delta R.T.: 0.013 min  
Response: 228394  
Conc: 0.15 ng/ml



#7 delta-BHC

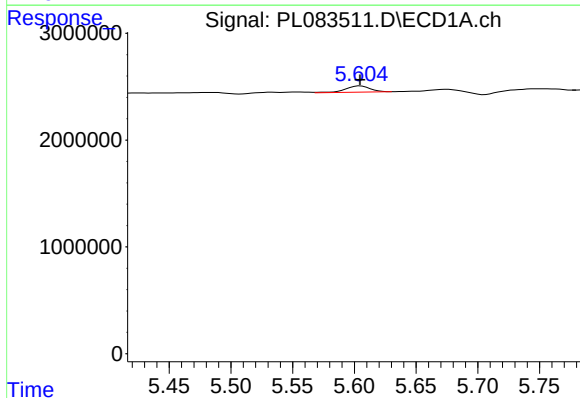
R.T.: 4.674 min  
Delta R.T.: -0.013 min  
Response: 976054  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



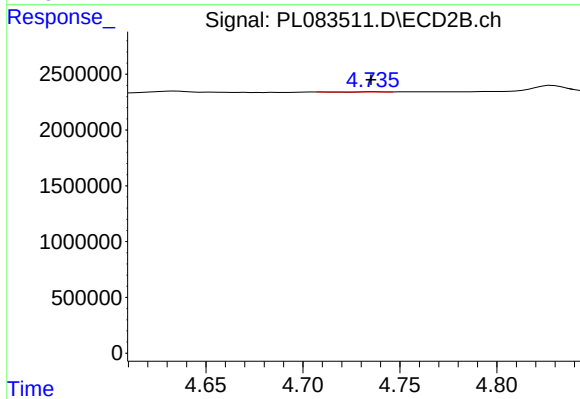
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 50304  
Conc: 0.02 ng/ml



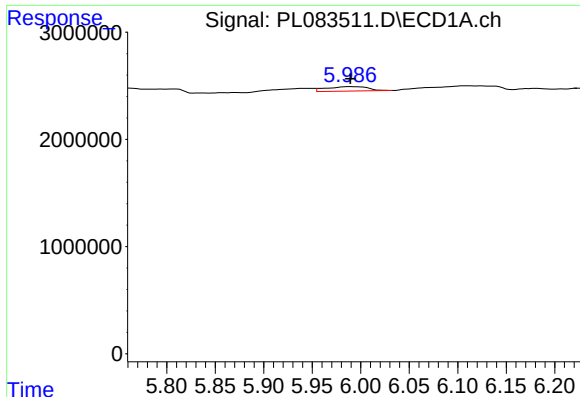
#8 Heptachlor epoxide

R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 823442  
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

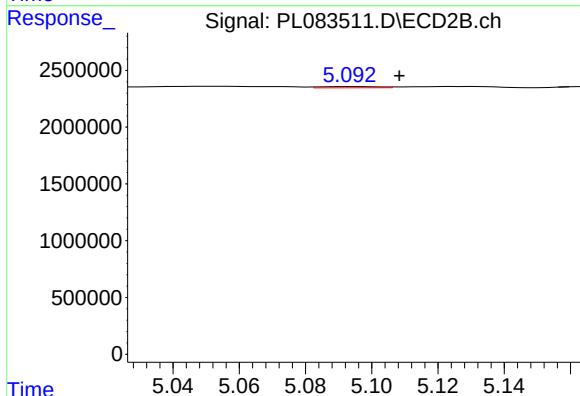
R.T.: 4.736 min  
Delta R.T.: 0.000 min  
Response: 6072  
Conc: 0.00 ng/ml



#9 Endosulfan I

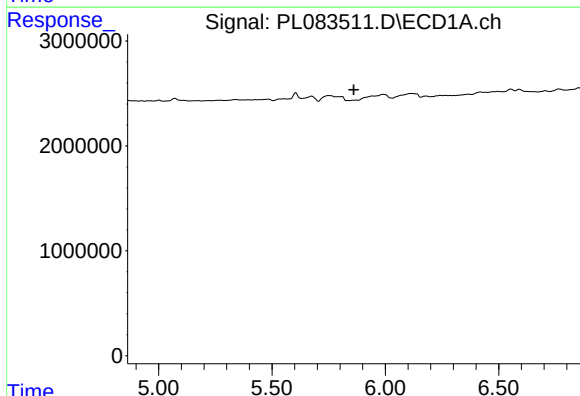
R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 1269217  
Conc: 0.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



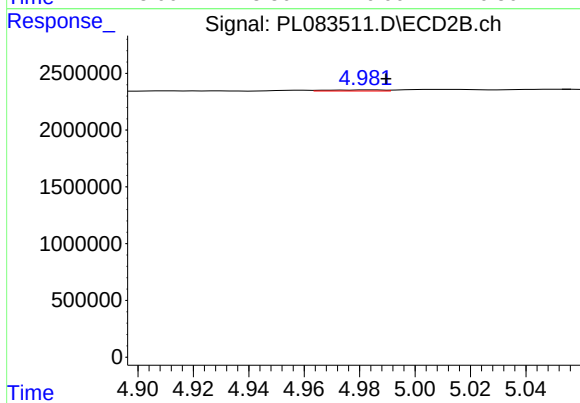
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: -0.015 min  
Response: 132360  
Conc: 0.05 ng/ml



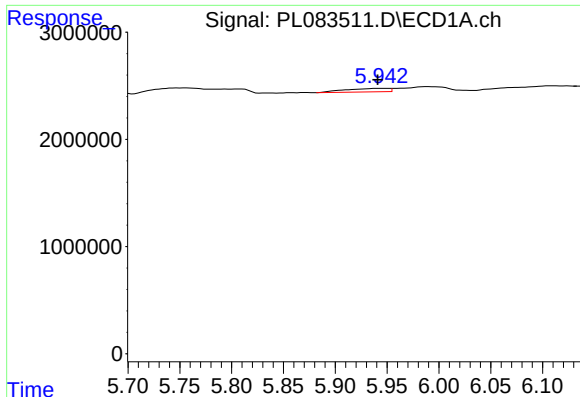
#10 gamma-Chlordane

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



#10 gamma-Chlordane

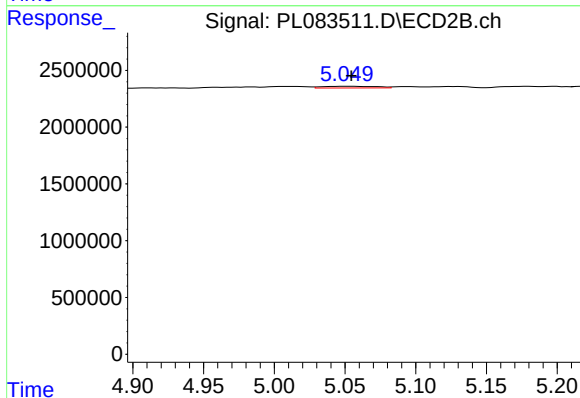
R.T.: 4.984 min  
Delta R.T.: -0.006 min  
Response: 137729  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

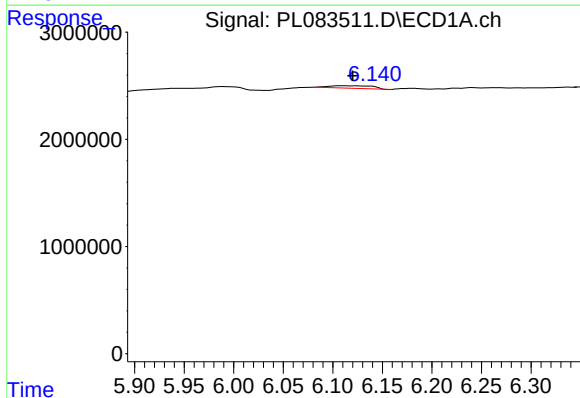
R.T.: 5.943 min  
Delta R.T.: 0.002 min  
Response: 957676  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



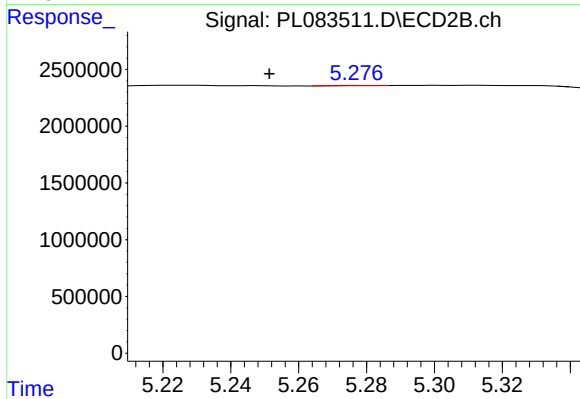
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.004 min  
Response: 382196  
Conc: 0.13 ng/ml



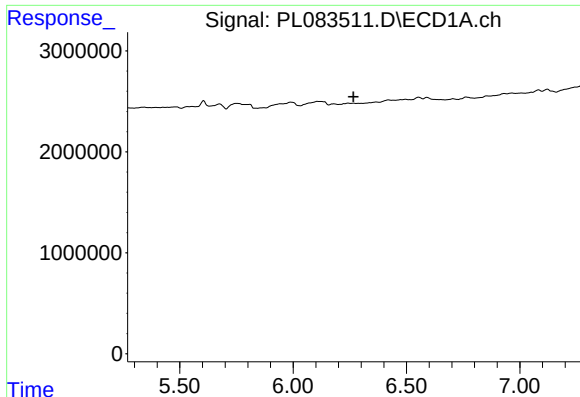
#12 4,4'-DDE

R.T.: 6.108 min  
Delta R.T.: -0.012 min  
Response: 670432  
Conc: 0.33 ng/ml



#12 4,4'-DDE

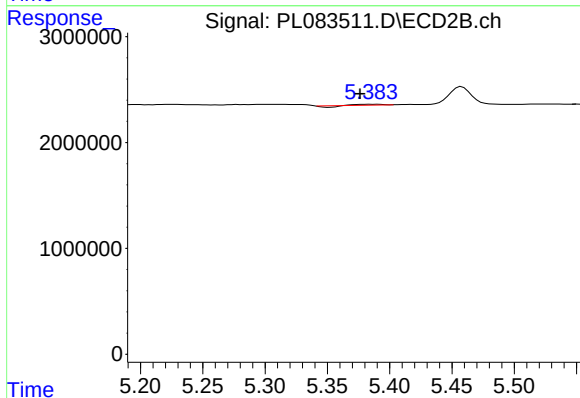
R.T.: 5.278 min  
Delta R.T.: 0.026 min  
Response: 13095  
Conc: 0.01 ng/ml



#13 Dieldrin

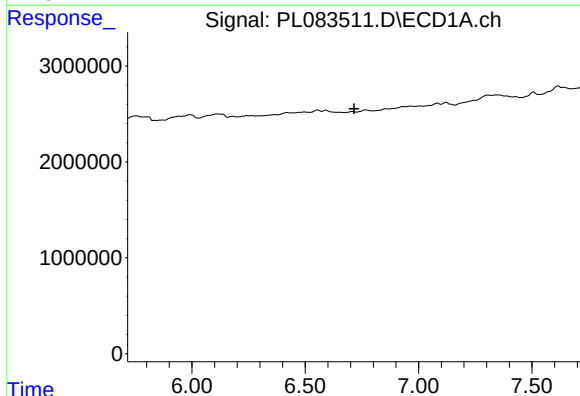
R.T.: 0.000 min  
Exp R.T.: 6.267 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



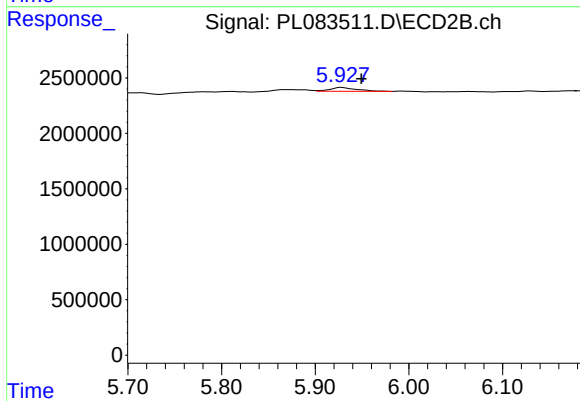
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.008 min  
Response: 9564  
Conc: 0.00 ng/ml



#15 Endosulfan II

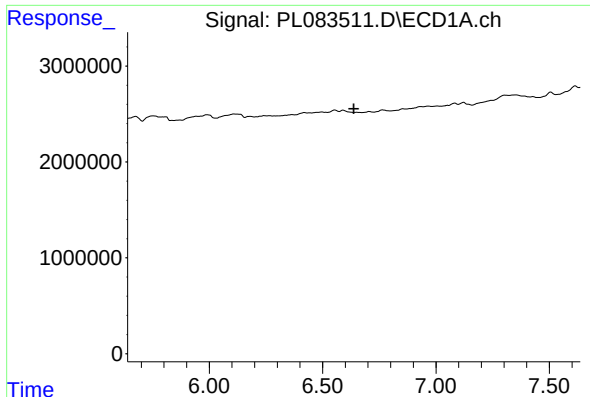
R.T.: 0.000 min  
Exp R.T.: 6.716 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: -0.021 min  
Response: 691484  
Conc: 0.29 ng/ml

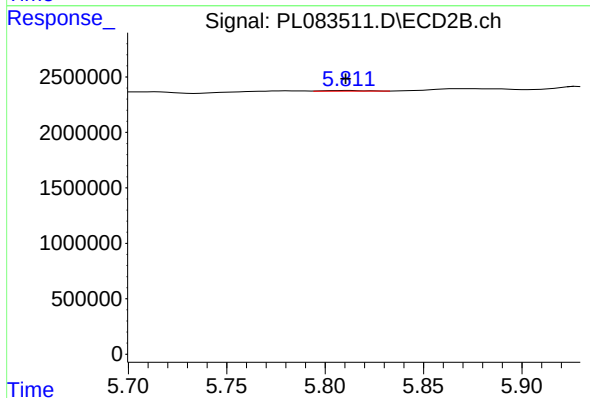




#16 4,4'-DDD

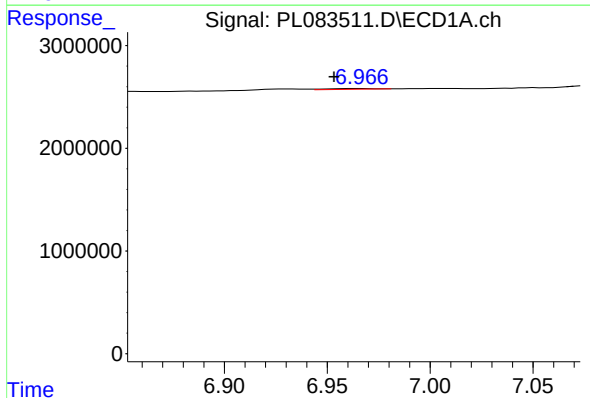
R.T.: 0.000 min  
Exp R.T.: 6.638 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



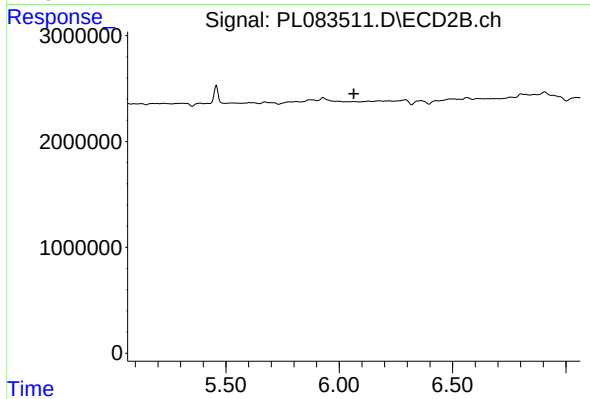
#16 4,4'-DDD

R.T.: 5.812 min  
Delta R.T.: 0.001 min  
Response: 70881  
Conc: 0.03 ng/ml



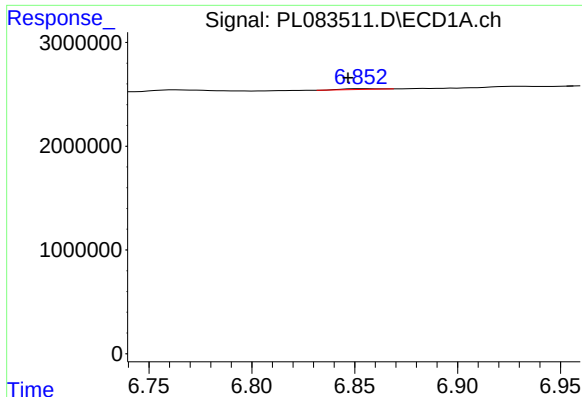
#17 4,4'-DDT

R.T.: 6.967 min  
Delta R.T.: 0.014 min  
Response: 115099  
Conc: 0.07 ng/ml



#17 4,4'-DDT

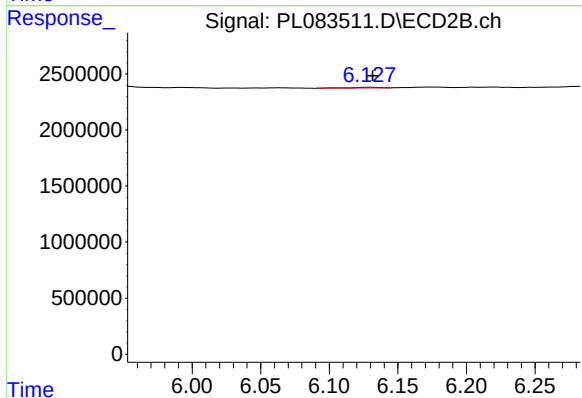
R.T.: 0.000 min  
Exp R.T.: 6.064 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

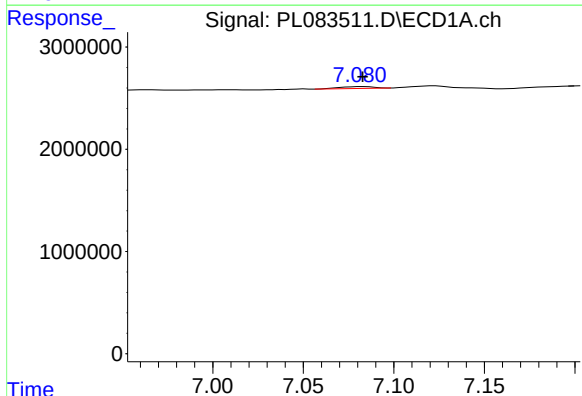
R.T.: 6.853 min  
Delta R.T.: 0.007 min  
Response: 81512  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



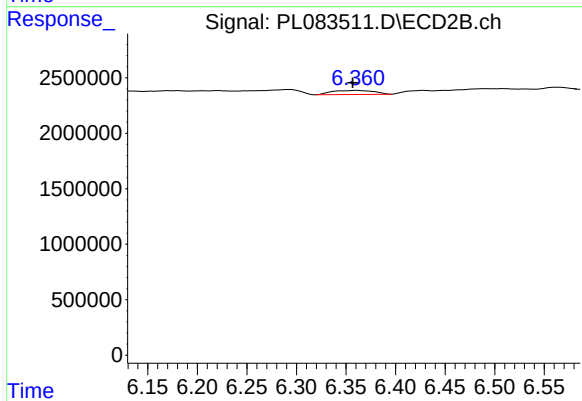
#18 Endrin aldehyde

R.T.: 6.129 min  
Delta R.T.: -0.003 min  
Response: 88355  
Conc: 0.05 ng/ml



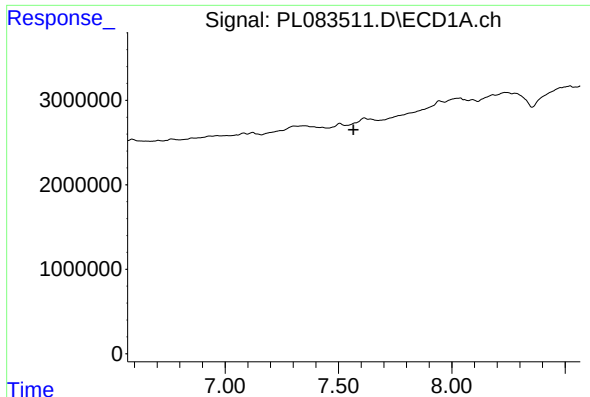
#19 Endosulfan Sulfate

R.T.: 7.083 min  
Delta R.T.: 0.000 min  
Response: 233898  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

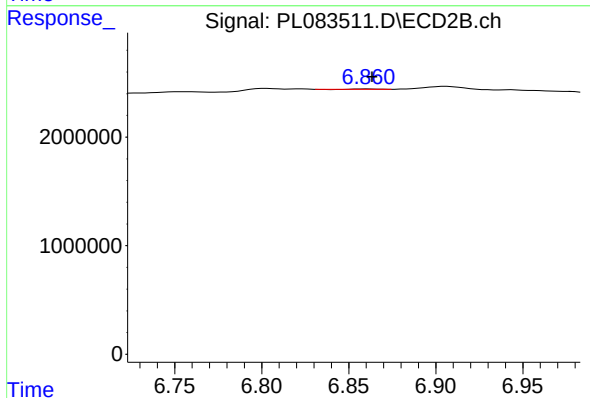
R.T.: 6.361 min  
Delta R.T.: 0.004 min  
Response: 1068061  
Conc: 0.44 ng/ml



#21 Endrin ketone

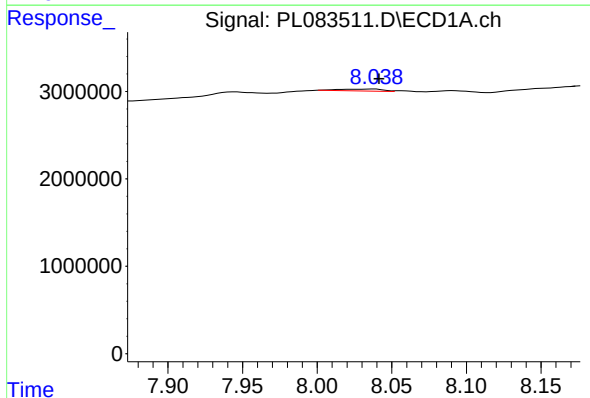
R.T.: 0.000 min  
Exp R.T.: 7.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



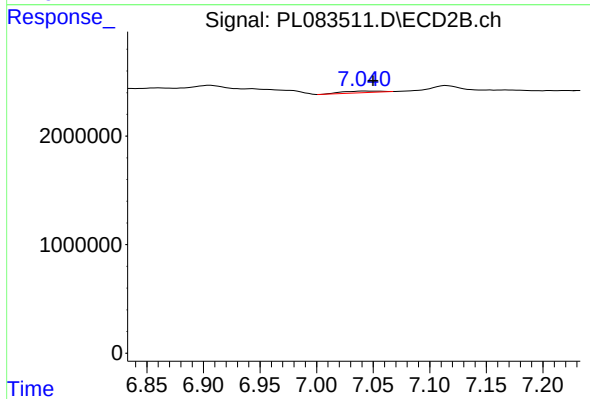
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.002 min  
Response: 930  
Conc: 0.00 ng/ml



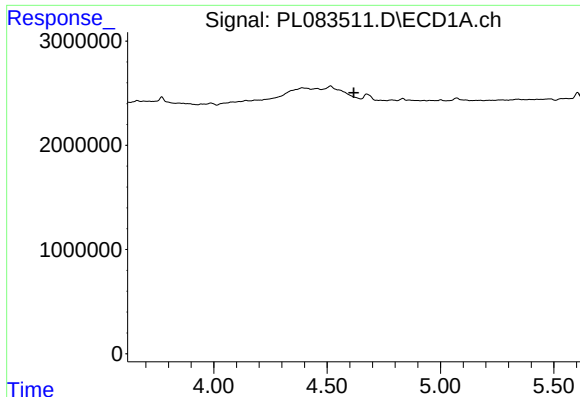
#22 Mirex

R.T.: 8.039 min  
Delta R.T.: -0.003 min  
Response: 448928  
Conc: 0.24 ng/ml



#22 Mirex

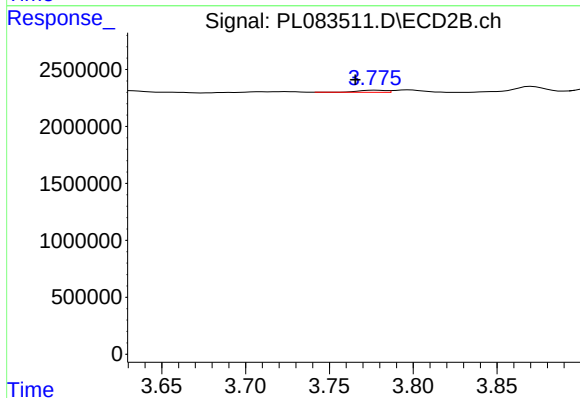
R.T.: 7.042 min  
Delta R.T.: -0.008 min  
Response: 335316  
Conc: 0.14 ng/ml



#23 Chlordane-1

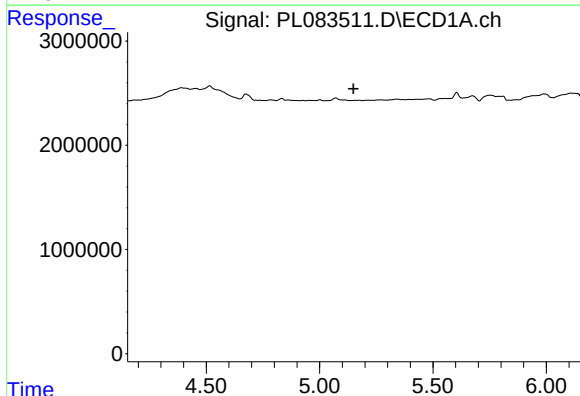
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



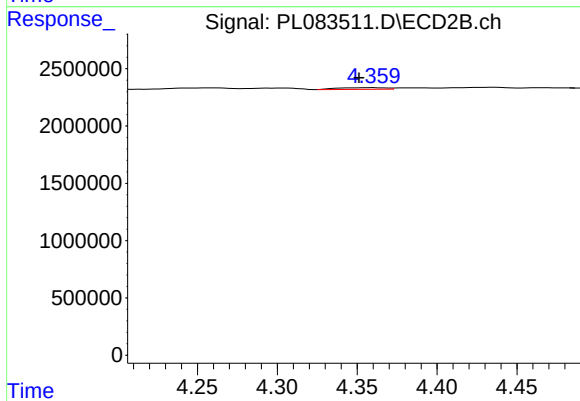
#23 Chlordane-1

R.T.: 3.777 min  
Delta R.T.: 0.012 min  
Response: 204371  
Conc: 2.08 ng/ml



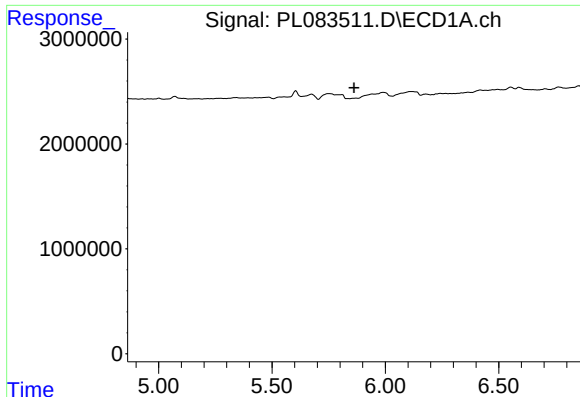
#24 Chlordane-2

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



#24 Chlordane-2

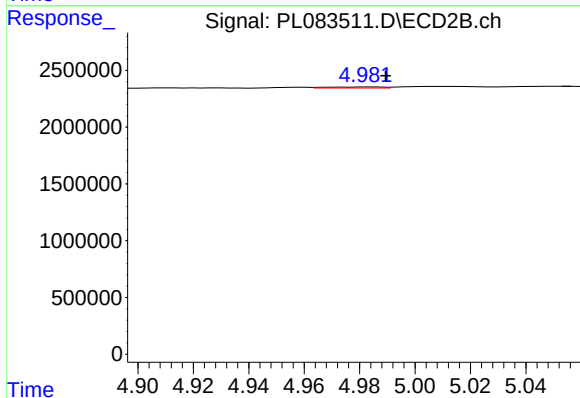
R.T.: 4.360 min  
Delta R.T.: 0.008 min  
Response: 297422  
Conc: 2.47 ng/ml



#25 Chlordane-3

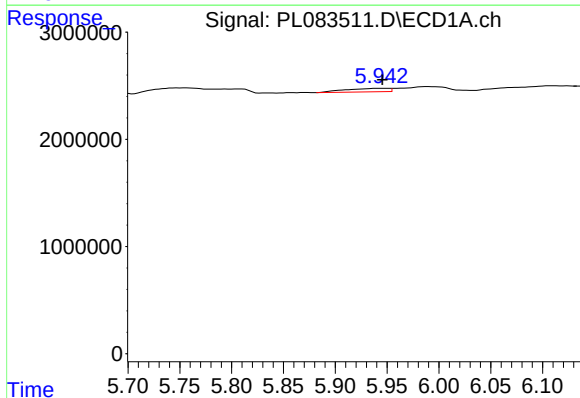
R.T.: 0.000 min  
Exp R.T.: 5.863 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



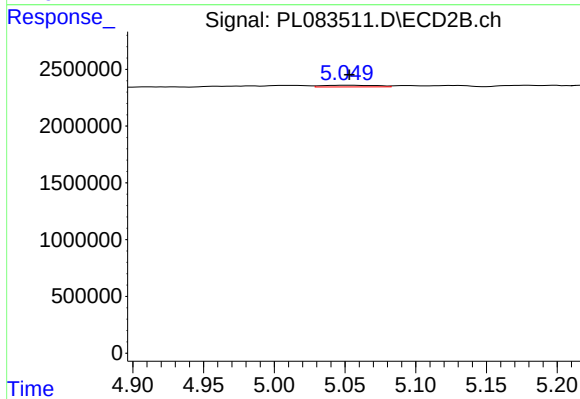
#25 Chlordane-3

R.T.: 4.984 min  
Delta R.T.: -0.006 min  
Response: 137729  
Conc: 0.42 ng/ml



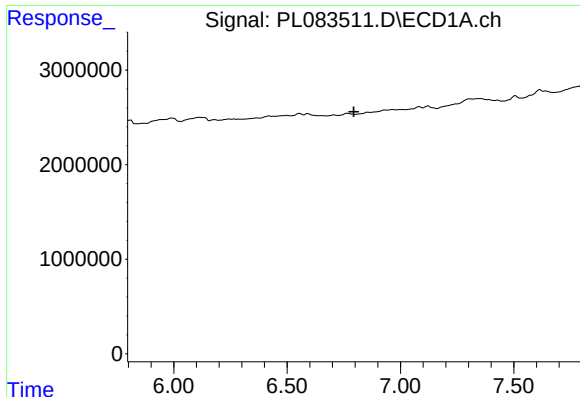
#26 Chlordane-4

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 957676  
Conc: 2.07 ng/ml



#26 Chlordane-4

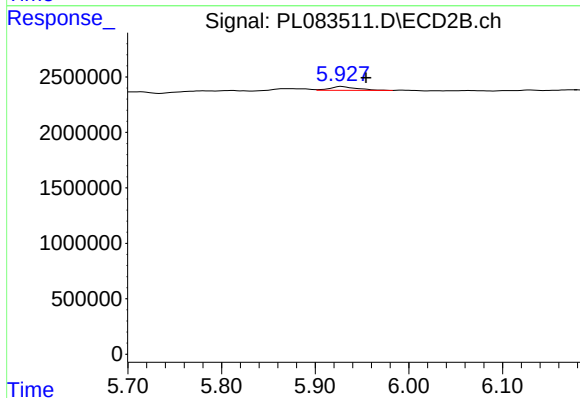
R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 382196  
Conc: 1.13 ng/ml



#27 Chlordane-5

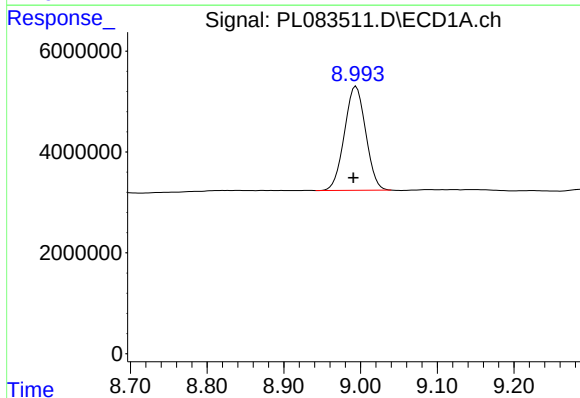
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



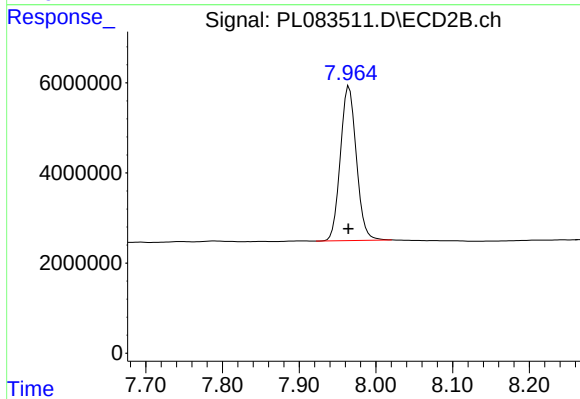
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: -0.026 min  
Response: 691484  
Conc: 6.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: 0.003 min  
Response: 39871961  
Conc: 20.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: 0.000 min  
Response: 49720361  
Conc: 20.24 ng/ml