

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060823\  
 Data File : PL083333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2023 18:12  
 Operator : AR\AJ  
 Sample : 03069-05  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 21:43:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.313  | 2.632  | 60530321 | 53593314 | 20.595 | 20.644   |
| 28)                         | SA Decachlor... | 8.731  | 7.735  | 33423177 | 37301292 | 15.936 | 15.001   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.775  | 3.124  | 334844   | 122071   | 0.075  | 0.033 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.463  | 0        | 1552712  | N.D.   | 0.466 #  |
| 4)                          | MA Heptachlor   | 4.702f | 3.778f | 752844   | 333373   | 0.197  | 0.091 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.073  | 0        | 197753   | N.D.   | 0.061 #  |
| 6)                          | B beta-BHC      | 4.292  | 3.778f | 681960   | 333373   | 0.362  | 0.233 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.976  | 0        | 213051   | N.D.   | 0.065 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.567  | 0        | 587118   | N.D.   | 0.198 #  |
| 9)                          | A Endosulfan I  | 5.800f | 4.964f | 1692680  | 7087017  | 0.564  | 2.536 #  |
| 10)                         | B gamma-Chl...  | 5.717f | 4.838f | 4654879  | 3177023  | 1.465  | 1.058 #  |
| 11)                         | B alpha-Chl...  | 5.760  | 4.877  | 997914   | 3340455  | 0.311  | 1.113 #  |
| 12)                         | B 4,4'-DDE      | 5.951  | 5.064  | -937076  | 1017152  | N.D.   | 0.419    |
| 13)                         | MA Dieldrin     | 6.087  | 5.208  | 122468   | 3412562  | 0.041  | 1.209 #  |
| 14)                         | MA Endrin       | 0.000  | 5.470  | 0        | 267965   | N.D.   | 0.106 #  |
| 16)                         | A 4,4'-DDD      | 6.444f | 5.621  | 1025903  | 10919    | 0.472  | 0.006 #  |
| 17)                         | MA 4,4'-DDT     | 6.779  | 5.863  | 360731   | 424331   | 0.144  | 0.190 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.964  | 0        | 280410   | N.D.   | 0.142 #  |
| 19)                         | B Endosulfa...  | 6.907  | 6.184  | 530048   | 368029   | 0.207  | 0.150 #  |
| 20)                         | A Methoxychlor  | 7.288f | 6.475f | 1570500  | 3125603  | 1.188  | 2.458 #  |
| 22)                         | Mirex           | 7.863  | 6.851  | 93472    | 471060   | 0.045  | 0.201 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.617  | 0        | 452427   | N.D.   | 5.483 #  |
| 25)                         | Chlordane-3     | 5.671f | 4.838f | 3345714  | 3177023  | 8.064  | 11.921 # |
| 26)                         | Chlordane-4     | 5.760  | 4.877  | 997914   | 3340455  | 1.971  | 11.856 # |
| 27)                         | Chlordane-5     | 0.000  | 5.776  | 0        | 1396617  | N.D.   | 14.376 # |
| -----                       |                 |        |        |          |          |        |          |

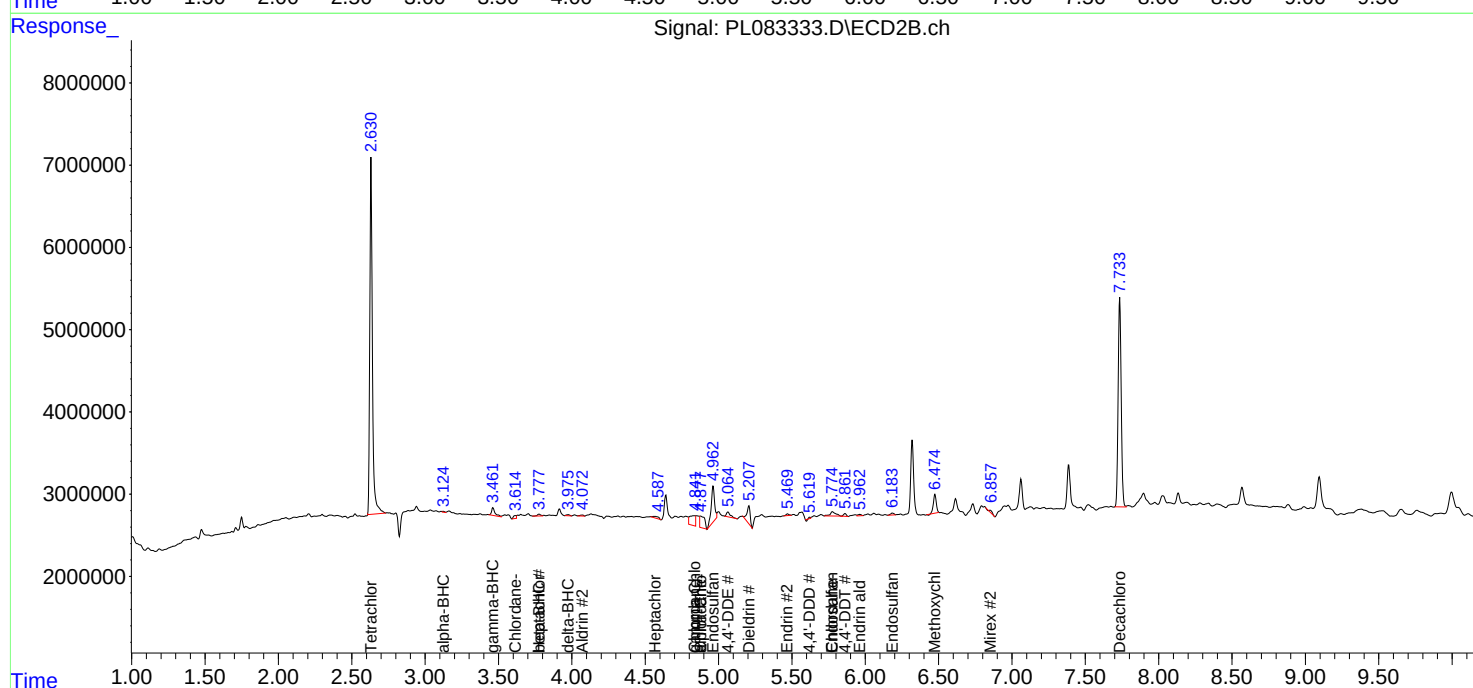
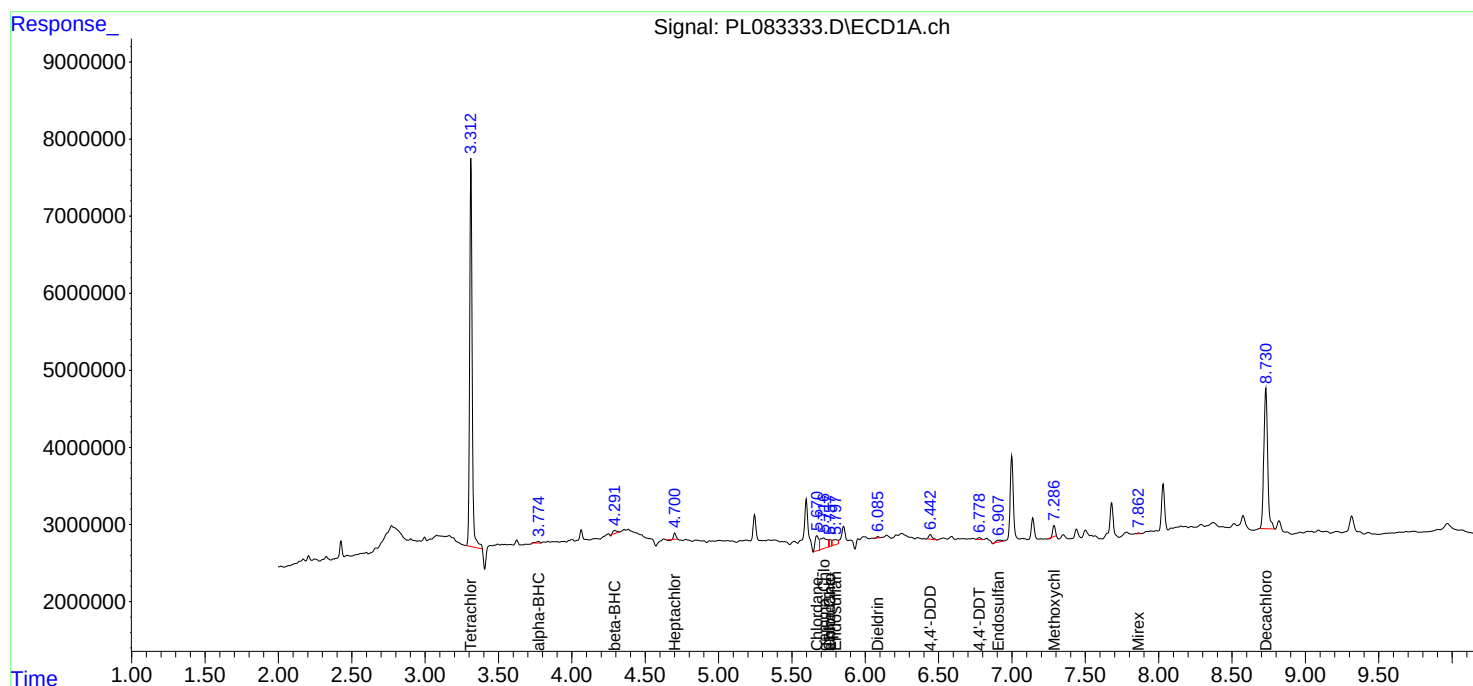
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

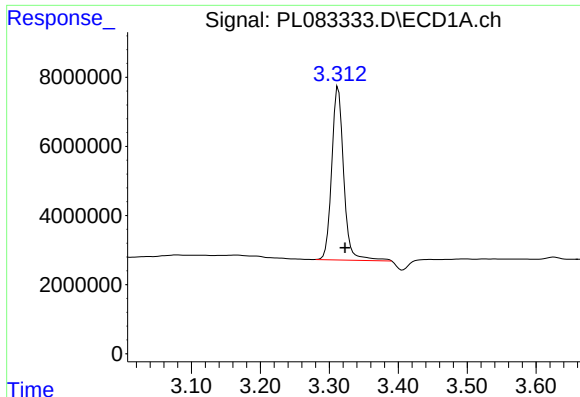
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060823\  
Data File : PL083333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jun 2023 18:12  
Operator : AR\AJ  
Sample : 03069-05  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 21:43:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

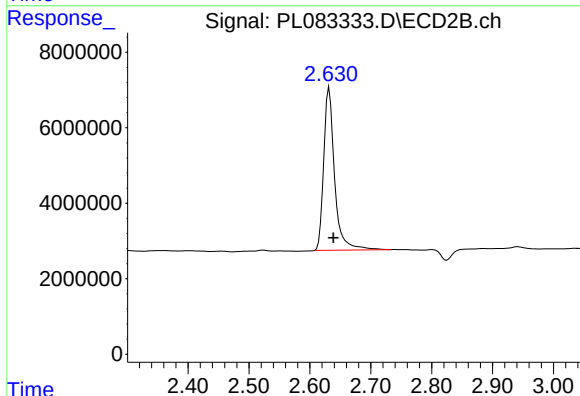




#1 Tetrachloro-m-xylene

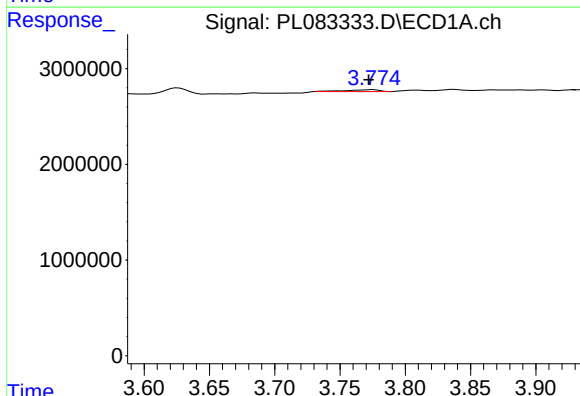
R.T.: 3.313 min  
Delta R.T.: -0.010 min  
Response: 60530321  
Conc: 20.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



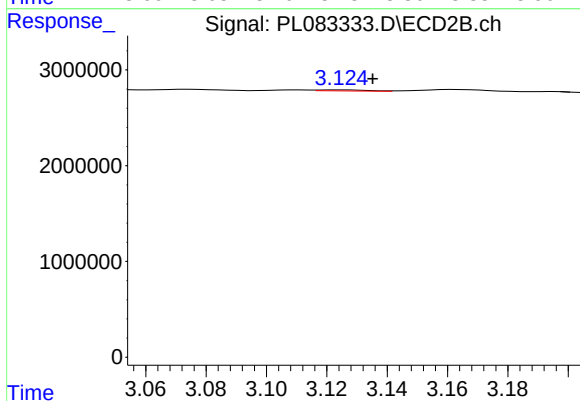
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.007 min  
Response: 53593314  
Conc: 20.64 ng/ml



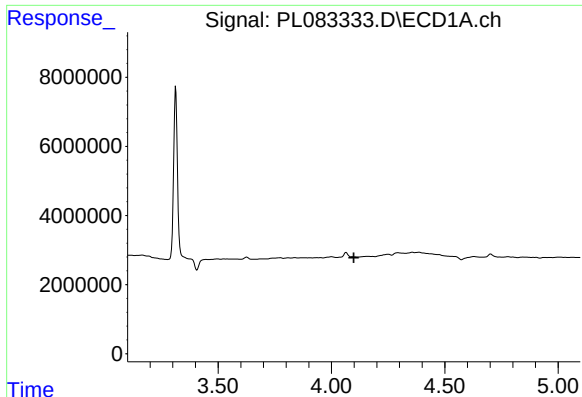
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: 0.003 min  
Response: 334844  
Conc: 0.08 ng/ml



#2 alpha-BHC

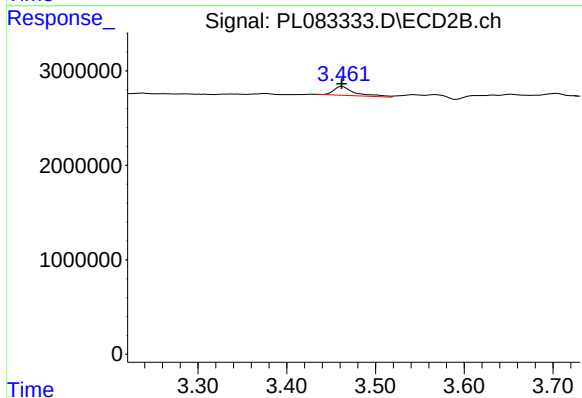
R.T.: 3.124 min  
Delta R.T.: -0.011 min  
Response: 122071  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

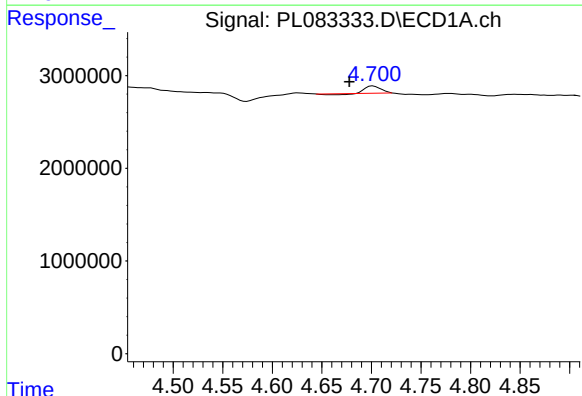
R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



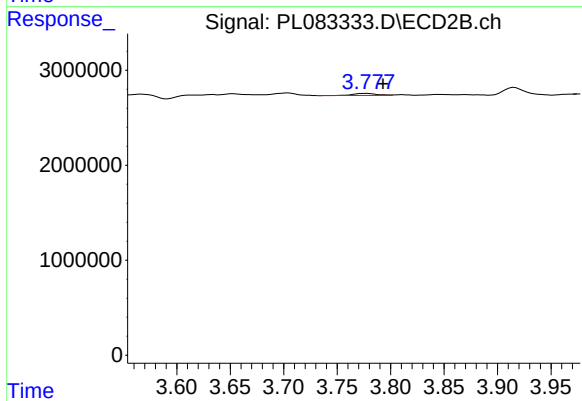
#3 gamma-BHC (Lindane)

R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 1552712  
Conc: 0.47 ng/ml



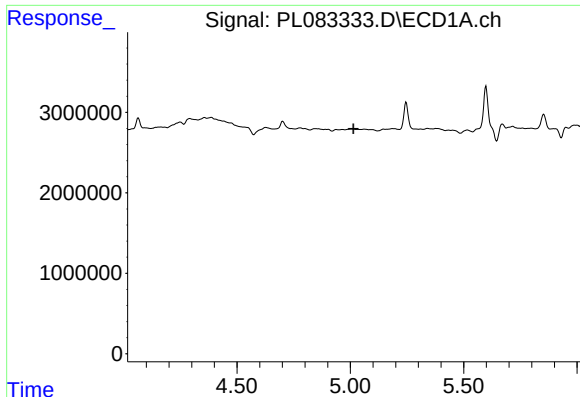
#4 Heptachlor

R.T.: 4.702 min  
Delta R.T.: 0.024 min  
Response: 752844  
Conc: 0.20 ng/ml



#4 Heptachlor

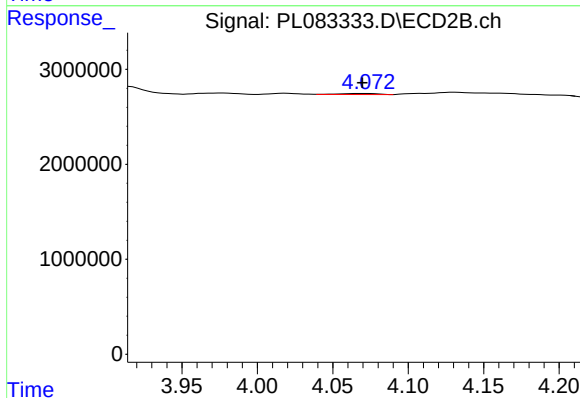
R.T.: 3.778 min  
Delta R.T.: -0.015 min  
Response: 333373  
Conc: 0.09 ng/ml



#5 Aldrin

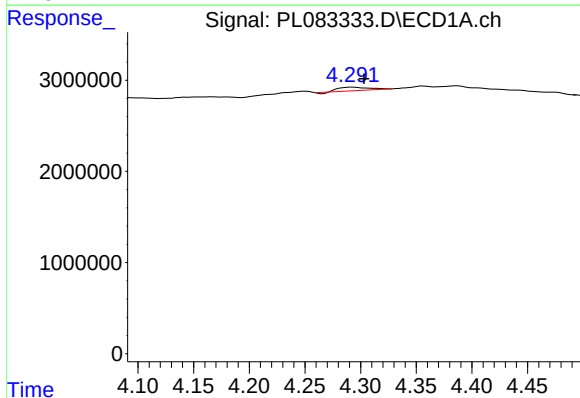
R.T.: 0.000 min  
Exp R.T.: 5.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



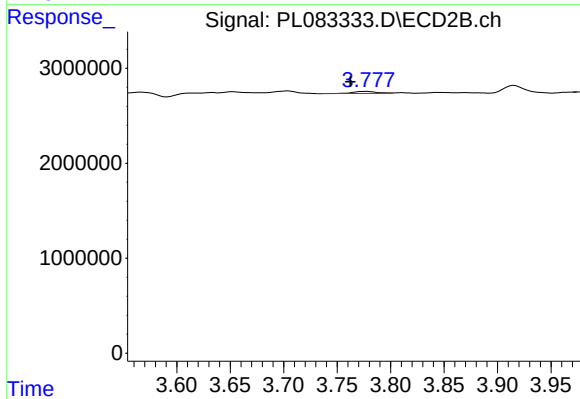
#5 Aldrin

R.T.: 4.073 min  
Delta R.T.: 0.003 min  
Response: 197753  
Conc: 0.06 ng/ml



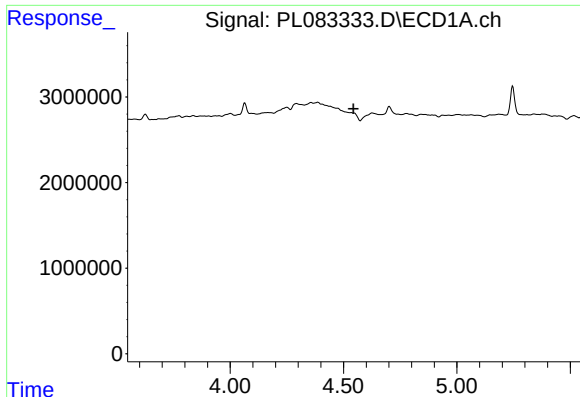
#6 beta-BHC

R.T.: 4.292 min  
Delta R.T.: -0.011 min  
Response: 681960  
Conc: 0.36 ng/ml



#6 beta-BHC

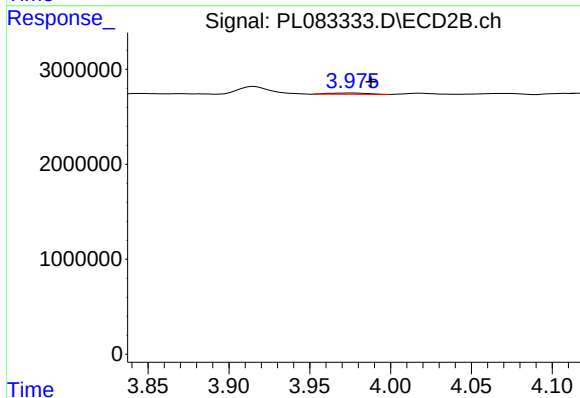
R.T.: 3.778 min  
Delta R.T.: 0.016 min  
Response: 333373  
Conc: 0.23 ng/ml



#7 delta-BHC

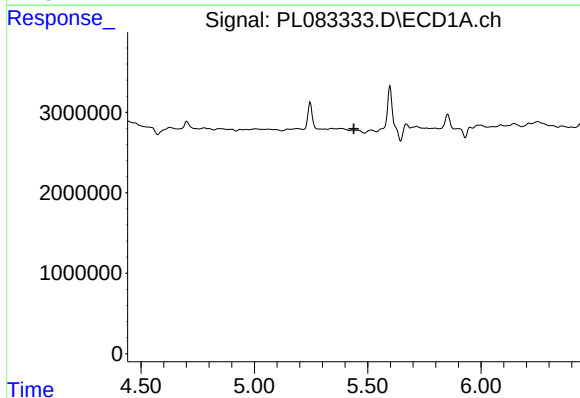
R.T.: 0.000 min  
Exp R.T.: 4.544 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



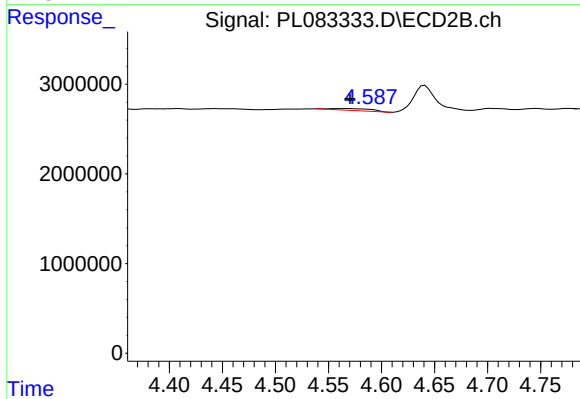
#7 delta-BHC

R.T.: 3.976 min  
Delta R.T.: -0.012 min  
Response: 213051  
Conc: 0.07 ng/ml



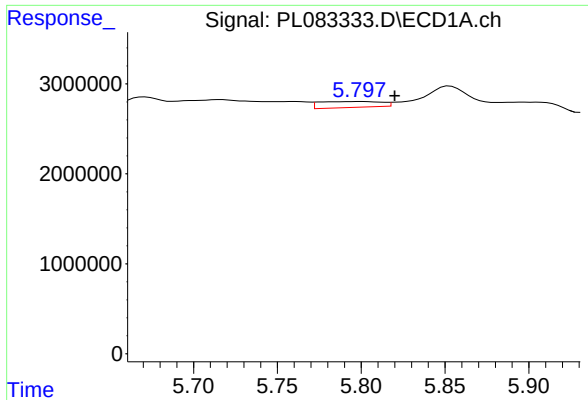
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.439 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

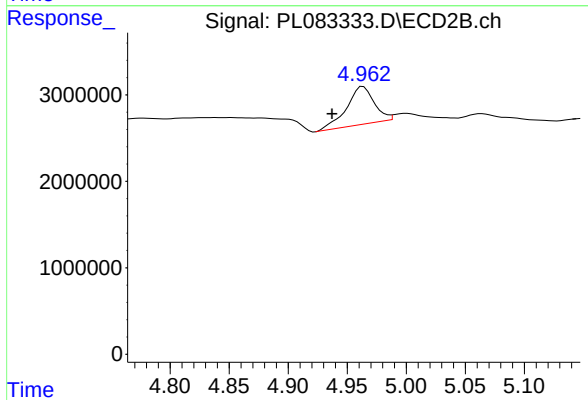
R.T.: 4.567 min  
Delta R.T.: -0.003 min  
Response: 587118  
Conc: 0.20 ng/ml



#9 Endosulfan I

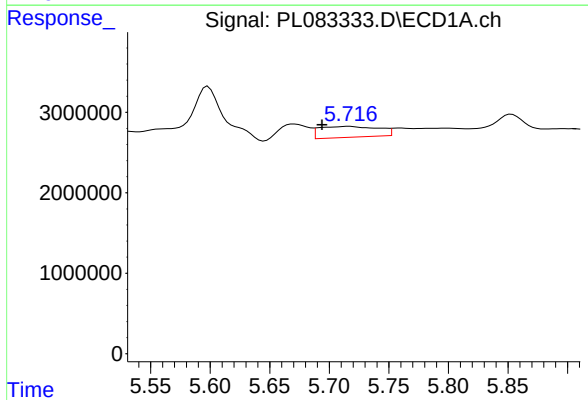
R.T.: 5.800 min  
Delta R.T.: -0.020 min  
Response: 1692680  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



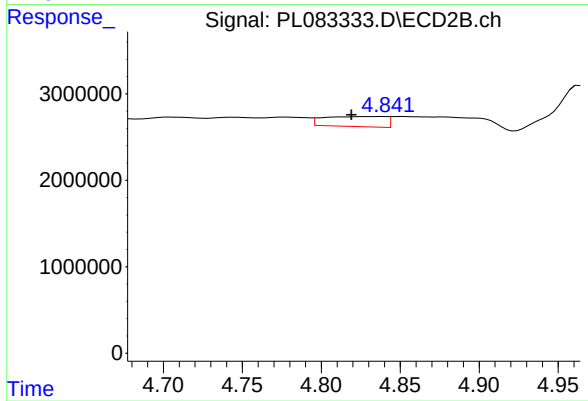
#9 Endosulfan I

R.T.: 4.964 min  
Delta R.T.: 0.026 min  
Response: 7087017  
Conc: 2.54 ng/ml



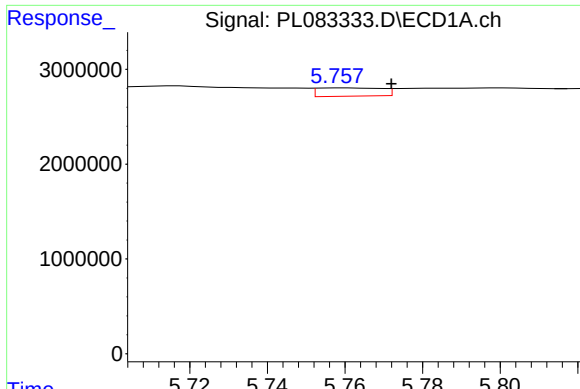
#10 gamma-Chlordane

R.T.: 5.717 min  
Delta R.T.: 0.023 min  
Response: 4654879  
Conc: 1.47 ng/ml



#10 gamma-Chlordane

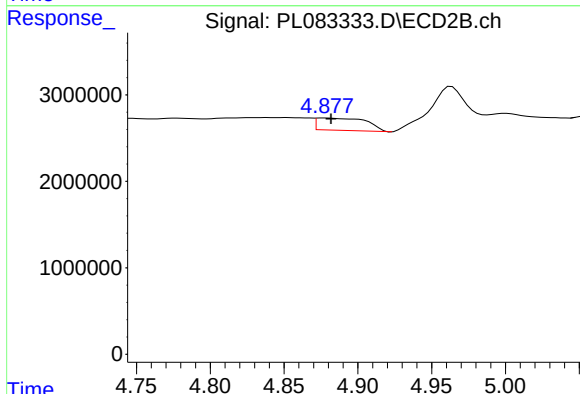
R.T.: 4.838 min  
Delta R.T.: 0.018 min  
Response: 3177023  
Conc: 1.06 ng/ml



#11 alpha-Chlordane

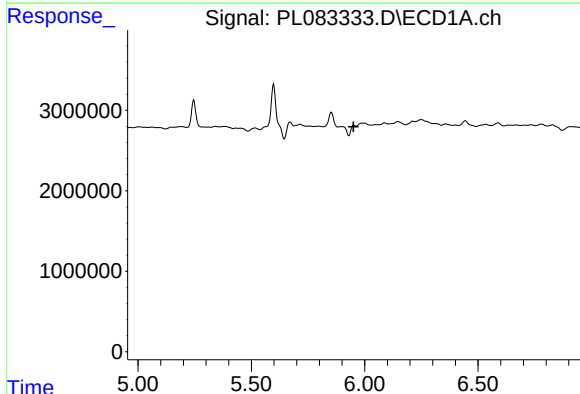
R.T.: 5.760 min  
Delta R.T.: -0.012 min  
Response: 997914  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



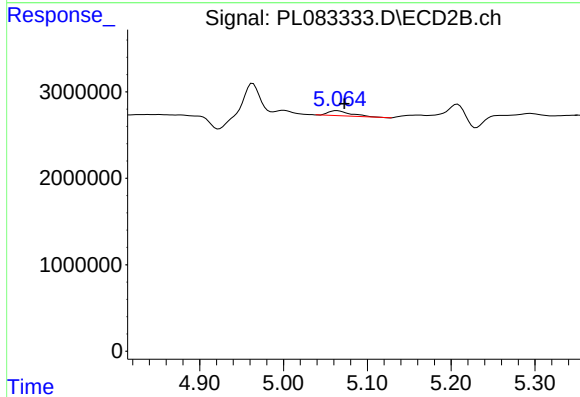
#11 alpha-Chlordane

R.T.: 4.877 min  
Delta R.T.: -0.005 min  
Response: 3340455  
Conc: 1.11 ng/ml



#12 4,4'-DDE

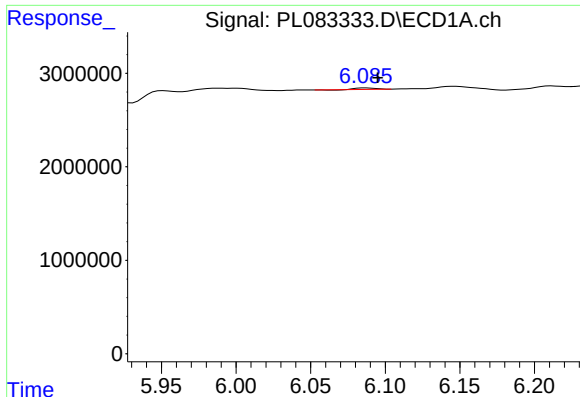
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: -937076  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.064 min  
Delta R.T.: -0.008 min  
Response: 1017152  
Conc: 0.42 ng/ml

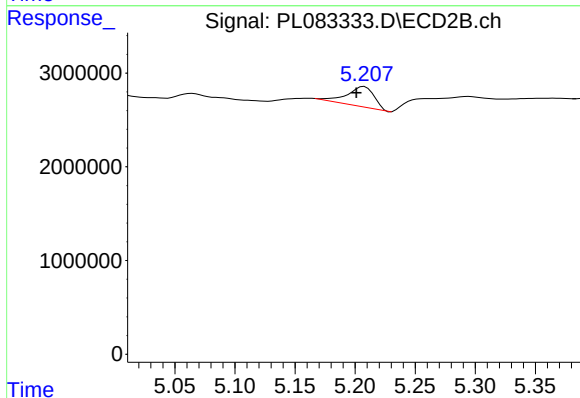




#13 Dieldrin

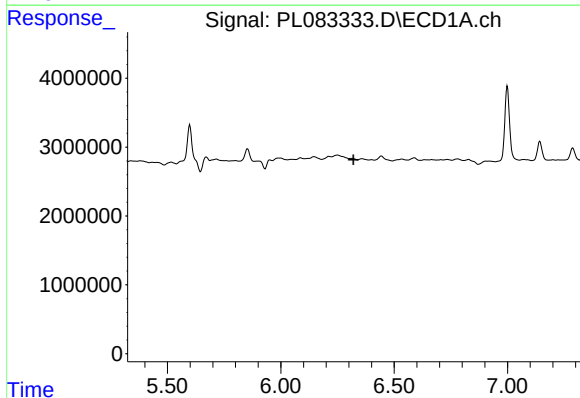
R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 122468  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



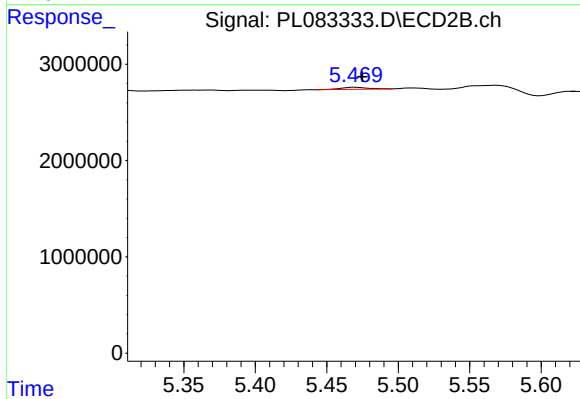
#13 Dieldrin

R.T.: 5.208 min  
Delta R.T.: 0.006 min  
Response: 3412562  
Conc: 1.21 ng/ml



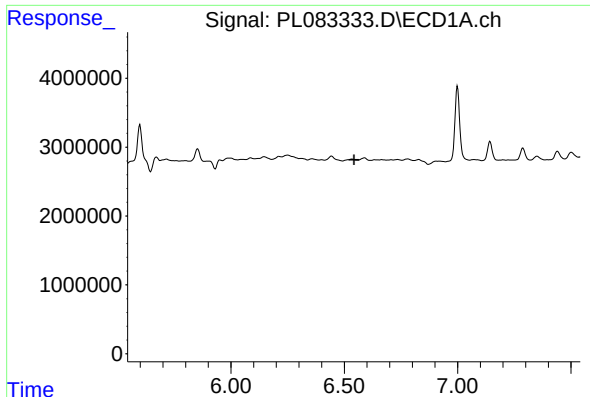
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.321 min  
Response: 0  
Conc: N.D.



#14 Endrin

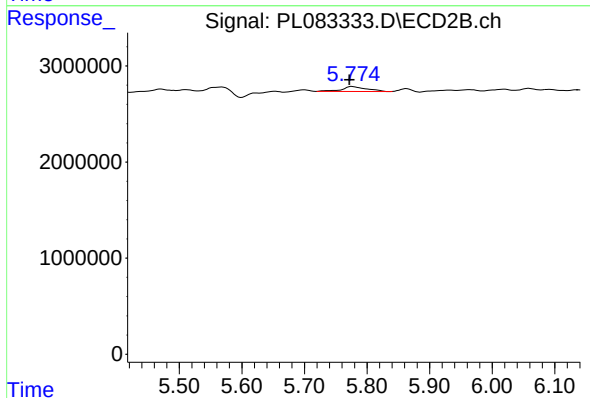
R.T.: 5.470 min  
Delta R.T.: -0.005 min  
Response: 267965  
Conc: 0.11 ng/ml



#15 Endosulfan II

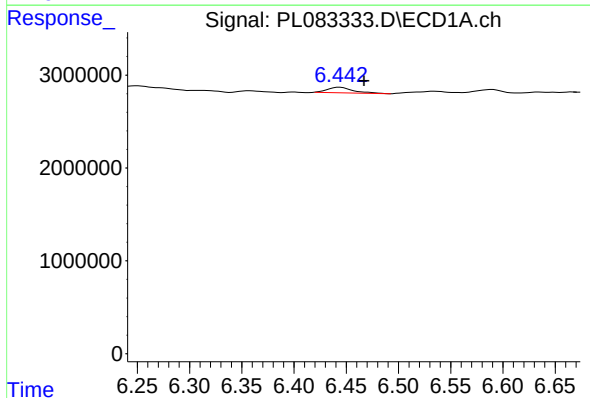
R.T.: 6.534 min  
Delta R.T.: -0.009 min  
Response: 422733  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



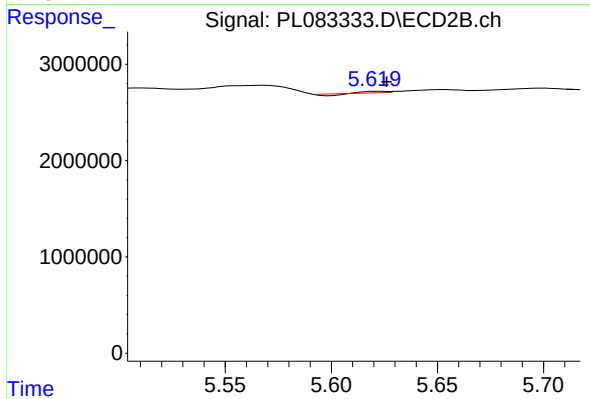
#15 Endosulfan II

R.T.: 5.776 min  
Delta R.T.: 0.004 min  
Response: 1396617  
Conc: 0.56 ng/ml



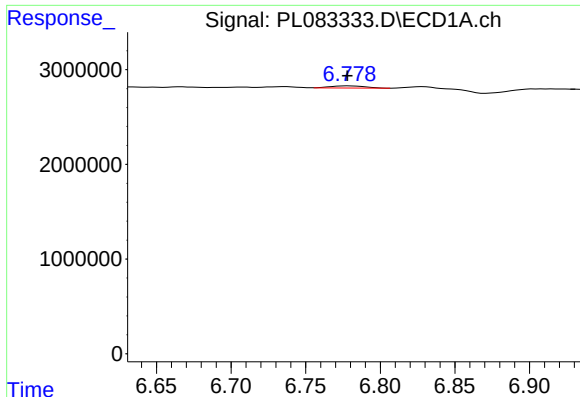
#16 4,4'-DDD

R.T.: 6.444 min  
Delta R.T.: -0.023 min  
Response: 1025903  
Conc: 0.47 ng/ml



#16 4,4'-DDD

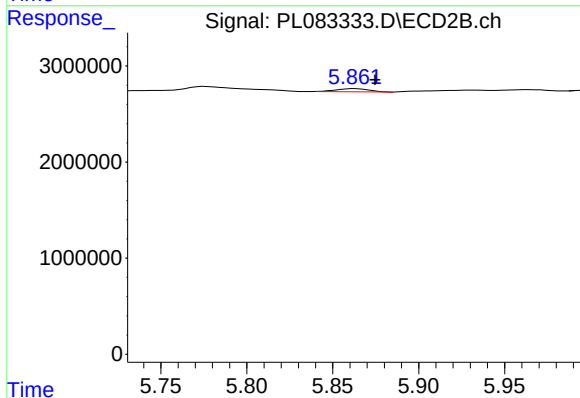
R.T.: 5.621 min  
Delta R.T.: -0.005 min  
Response: 10919  
Conc: 0.01 ng/ml



#17 4,4'-DDT

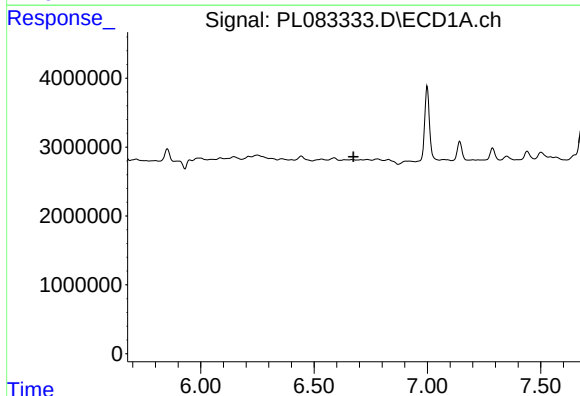
R.T.: 6.779 min  
Delta R.T.: 0.001 min  
Response: 360731  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



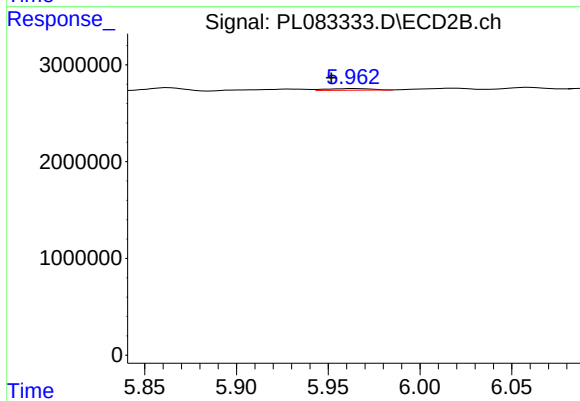
#17 4,4'-DDT

R.T.: 5.863 min  
Delta R.T.: -0.012 min  
Response: 424331  
Conc: 0.19 ng/ml



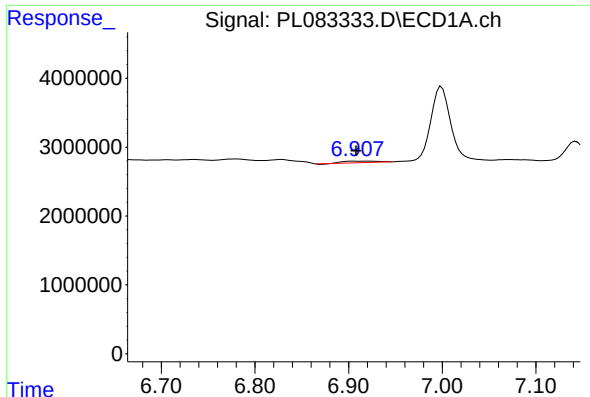
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.674 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

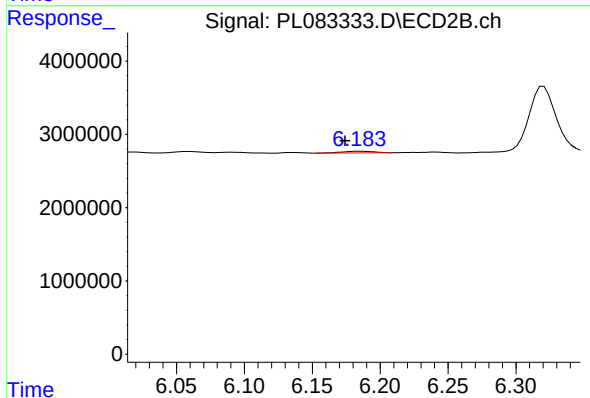
R.T.: 5.964 min  
Delta R.T.: 0.012 min  
Response: 280410  
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

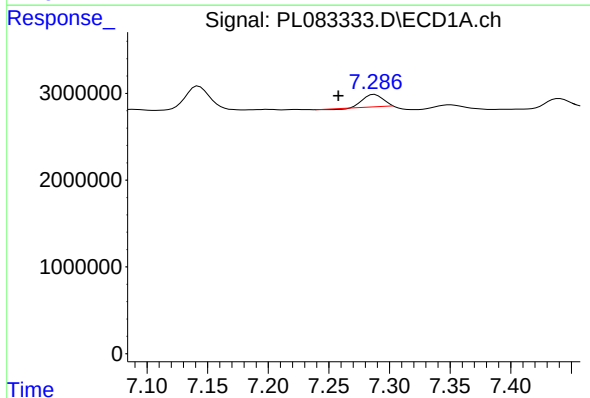
R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 530048  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



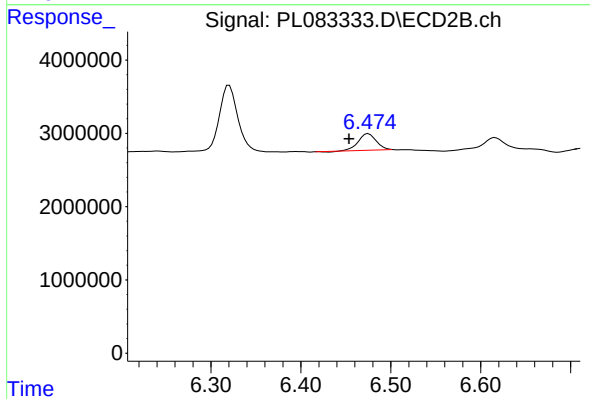
#19 Endosulfan Sulfate

R.T.: 6.184 min  
Delta R.T.: 0.010 min  
Response: 368029  
Conc: 0.15 ng/ml



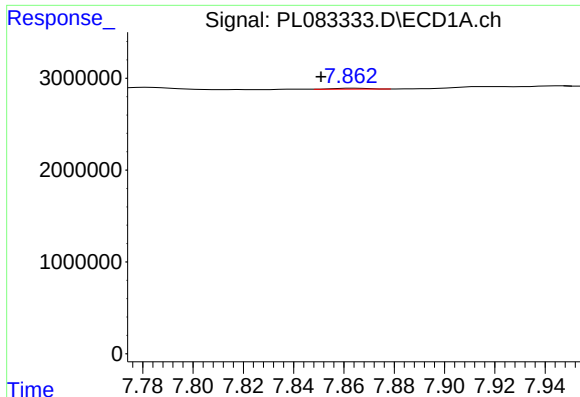
#20 Methoxychlor

R.T.: 7.288 min  
Delta R.T.: 0.030 min  
Response: 1570500  
Conc: 1.19 ng/ml



#20 Methoxychlor

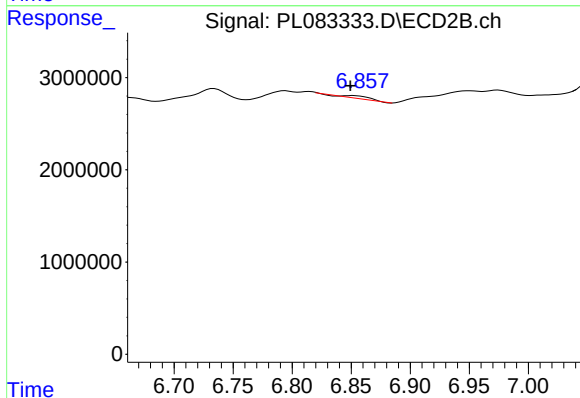
R.T.: 6.475 min  
Delta R.T.: 0.021 min  
Response: 3125603  
Conc: 2.46 ng/ml



#22 Mirex

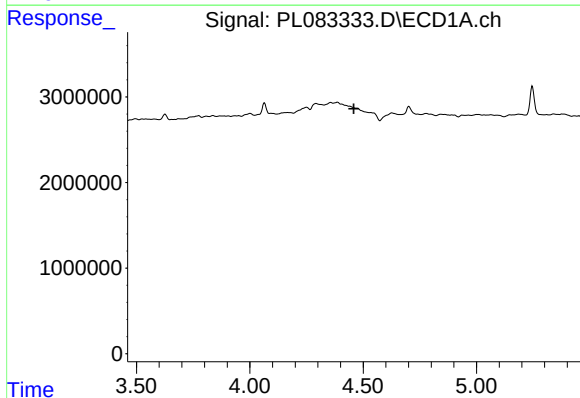
R.T.: 7.863 min  
Delta R.T.: 0.012 min  
Response: 93472  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



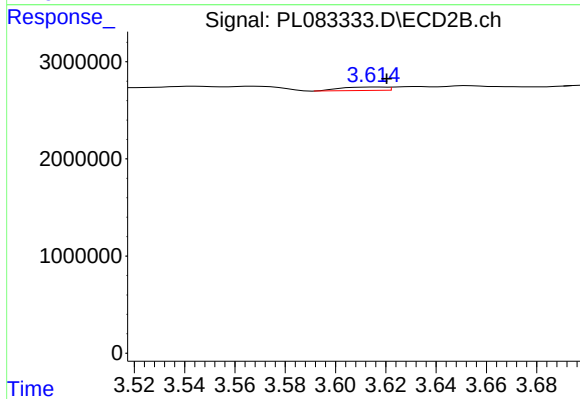
#22 Mirex

R.T.: 6.851 min  
Delta R.T.: 0.002 min  
Response: 471060  
Conc: 0.20 ng/ml



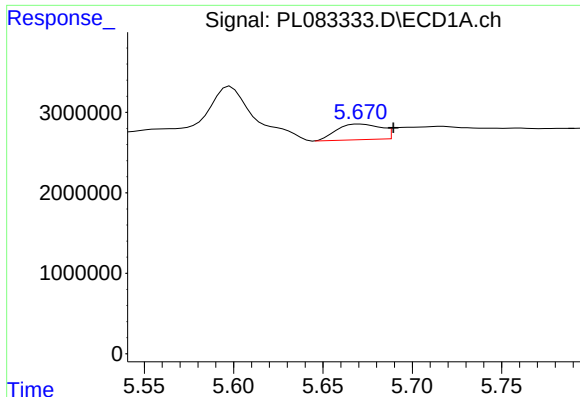
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.458 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

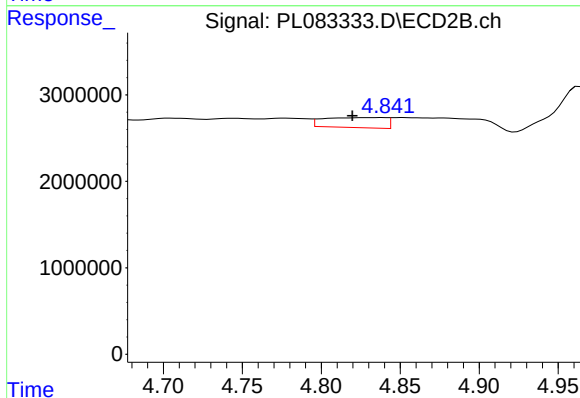
R.T.: 3.617 min  
Delta R.T.: -0.003 min  
Response: 452427  
Conc: 5.48 ng/ml



#25 Chlordane-3

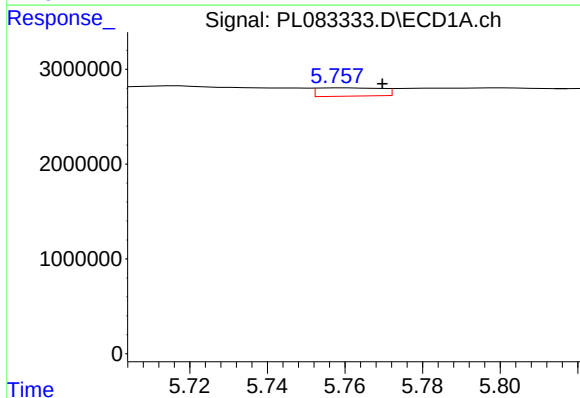
R.T.: 5.671 min  
Delta R.T.: -0.018 min  
Response: 3345714  
Conc: 8.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



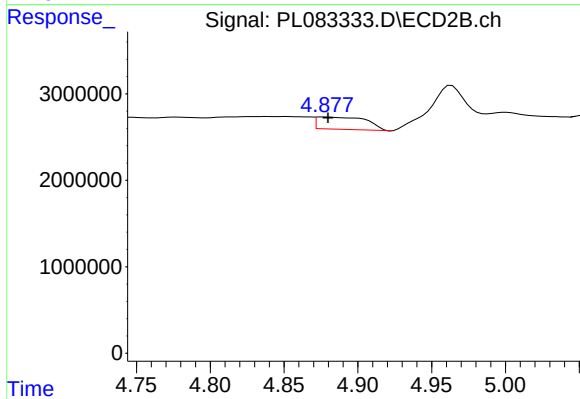
#25 Chlordane-3

R.T.: 4.838 min  
Delta R.T.: 0.018 min  
Response: 3177023  
Conc: 11.92 ng/ml



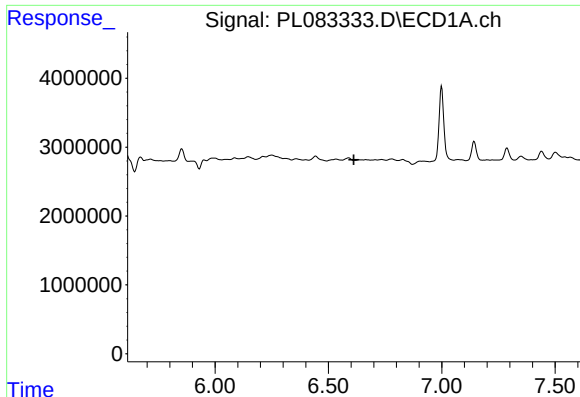
#26 Chlordane-4

R.T.: 5.760 min  
Delta R.T.: -0.010 min  
Response: 997914  
Conc: 1.97 ng/ml



#26 Chlordane-4

R.T.: 4.877 min  
Delta R.T.: -0.003 min  
Response: 3340455  
Conc: 11.86 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :

#27 Chlordane-5

R.T.: 5.776 min  
Delta R.T.: 0.004 min  
Response: 1396617  
Conc: 14.38 ng/ml

#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 33423177  
Conc: 15.94 ng/ml

#28 Decachlorobiphenyl

R.T.: 7.735 min  
Delta R.T.: -0.009 min  
Response: 37301292  
Conc: 15.00 ng/ml