

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050420\  
 Data File : PL058513.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2020 15:33  
 Operator : AJ\MA  
 Sample : L2477-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 05 00:48:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 29 00:55:33 2020  
 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... | 3.455  | 3.954  | 174.3E6  | 37770273 | 16.381 | 17.475   |
| 28)                         | SA Decachlor... | 8.200  | 8.976  | 150.4E6  | 37301264 | 13.911 | 16.811   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.367f | 0        | 743524   | N.D.   | 0.225 #  |
| 3)                          | MA gamma-BHC... | 4.186  | 4.612  | 6010428  | 2154386  | 0.348  | 0.651 #  |
| 4)                          | MA Heptachlor   | 4.493f | 5.131  | 7998209  | 392258   | 0.453  | 0.114 #  |
| 5)                          | MB Aldrin       | 4.728  | 5.403f | 47826171 | 1899365  | 2.883  | 0.562 #  |
| 6)                          | B beta-BHC      | 4.448f | 4.805  | 3794963  | 10443985 | 0.531  | 7.168 #  |
| 7)                          | B delta-BHC     | 4.631  | 0.000  | 13229681 | 0        | 0.779  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.168  | 5.801  | 8900483  | 2789442  | 0.586  | 0.871 #  |
| 9)                          | A Endosulfan I  | 5.486f | 0.000  | 5457059  | 0        | 0.387  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.392  | 6.044  | 71797506 | 12535545 | 4.663  | 3.713    |
| 11)                         | B alpha-Chl...  | 5.449  | 6.118  | 32118890 | 8987609  | 2.118  | 2.643    |
| 12)                         | B 4,4'-DDE      | 5.621  | 6.276  | -2163938 | 3961596  | N.D.   | 1.299    |
| 13)                         | MA Dieldrin     | 5.745  | 6.419  | 11009724 | 1749293  | 0.738  | 0.559    |
| 14)                         | MA Endrin       | 6.005  | 6.633  | 1863263  | 358805   | 0.137  | 0.140    |
| 15)                         | B Endosulfa...  | 6.285  | 6.868f | 22306764 | 1511063  | 1.763  | 0.567 #  |
| 17)                         | MA 4,4'-DDT     | 6.367  | 7.061  | 14759627 | 804562   | 1.265  | 0.367 #  |
| 18)                         | B Endrin al...  | 6.456  | 0.000  | 4908305  | 0        | 0.463  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.681f | 7.163f | 2011726  | 101734   | 0.173  | 0.043 #  |
| 20)                         | A Methoxychlor  | 6.895f | 0.000  | 1343316  | 0        | 0.226  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.175f | 7.631f | 72614    | 883358   | 0.006  | 0.362 #  |
| 22)                         | Mirex           | 7.337  | 8.098  | -26079   | 746620   | N.D.   | 0.391    |
| 23)                         | Chlordane-1     | 4.323  | 4.937  | 7014822  | 4971134  | 16.320 | 59.646 # |
| 24)                         | Chlordane-2     | 4.824  | 5.403  | 9592758  | 1899365  | 23.099 | 19.161   |
| 25)                         | Chlordane-3     | 5.392  | 6.044  | 71797506 | 12535545 | 54.663 | 31.342 # |
| 26)                         | Chlordane-4     | 5.449  | 6.118  | 32118890 | 8987609  | 29.262 | 18.491 # |
| 27)                         | Chlordane-5     | 6.285  | 6.919  | 22306764 | 1723069  | 54.841 | 23.014 # |
| -----                       |                 |        |        |          |          |        |          |

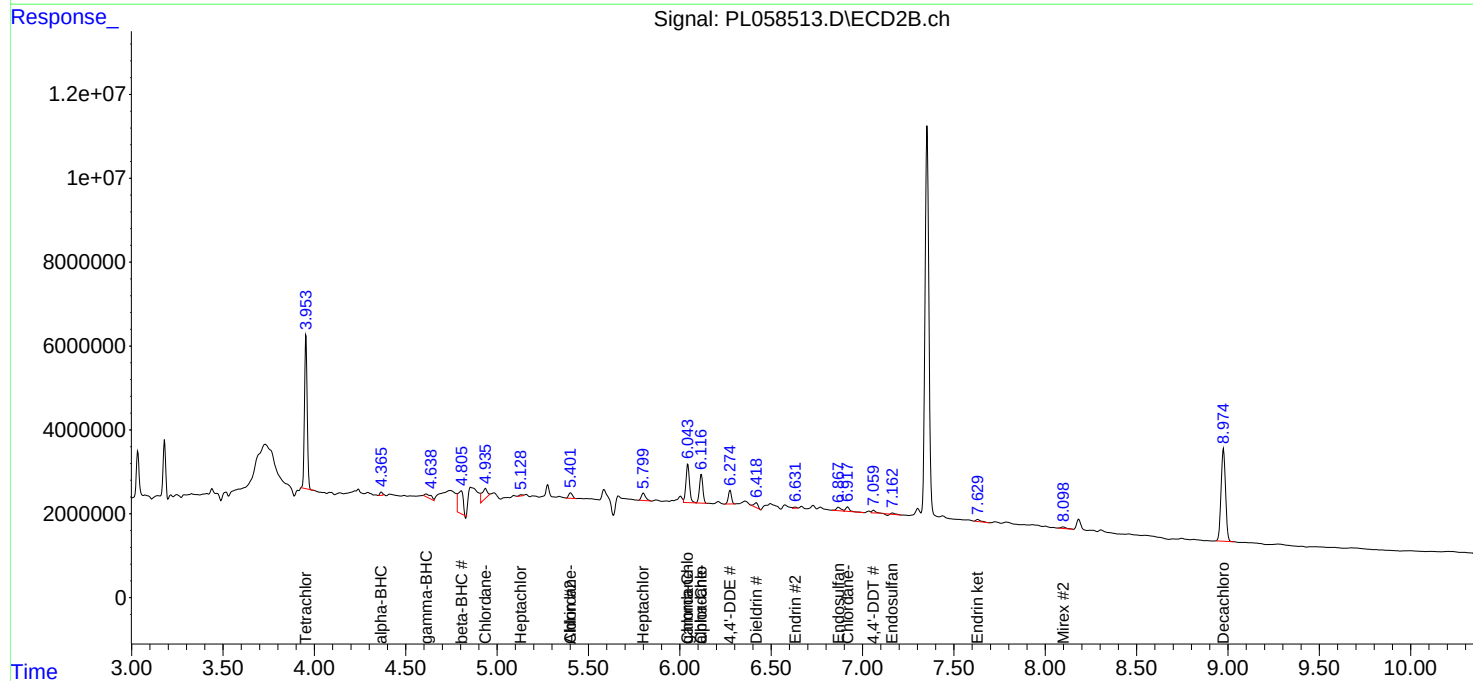
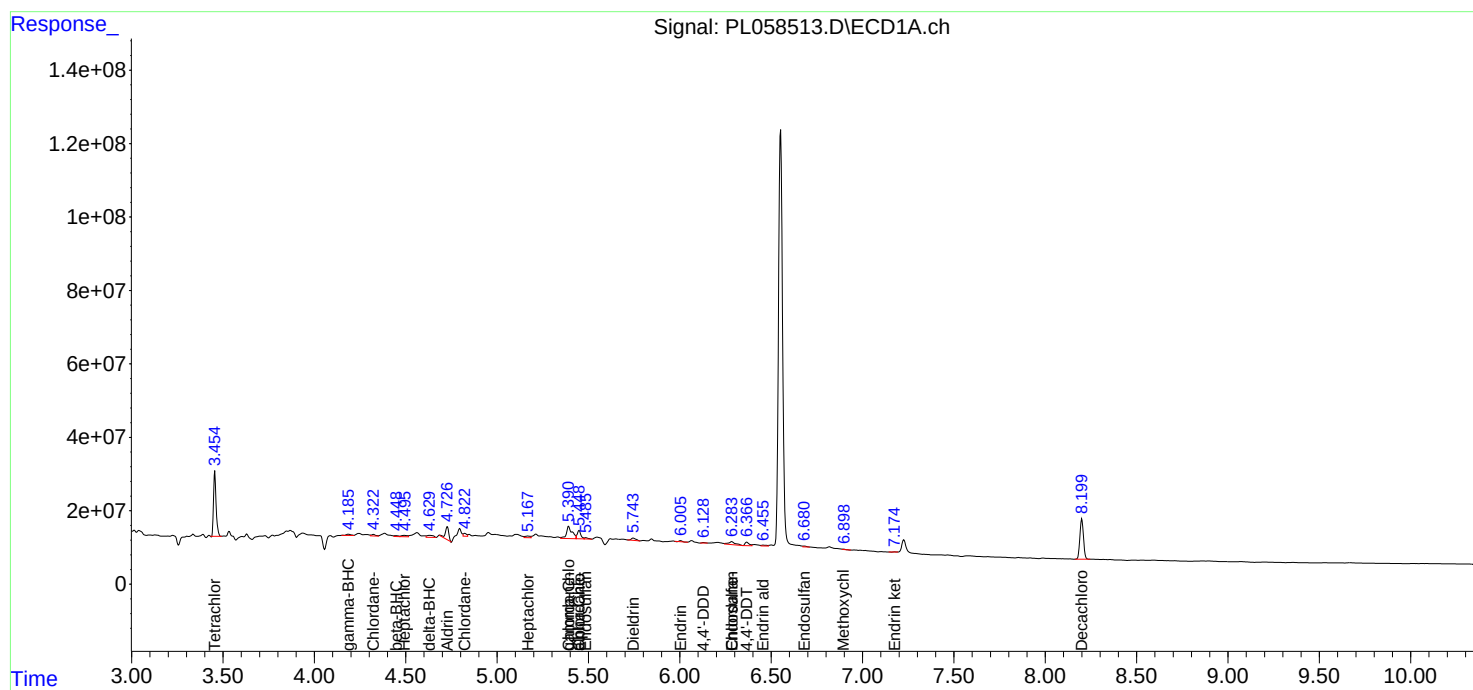
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

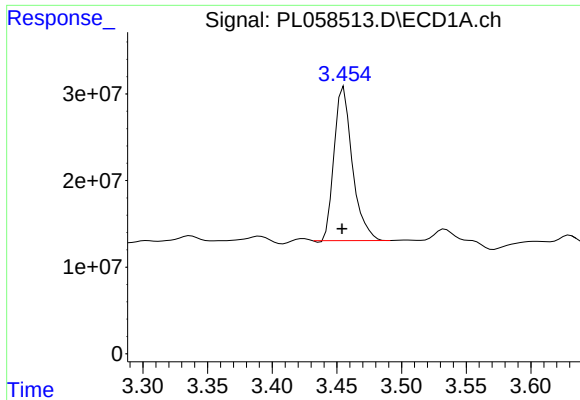
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050420\  
Data File : PL058513.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2020 15:33  
Operator : AJ\MA  
Sample : L2477-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 00:48:46 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 29 00:55:33 2020  
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

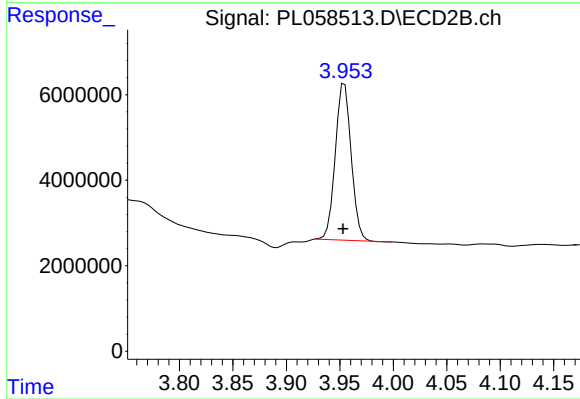




#1 Tetrachloro-m-xylene

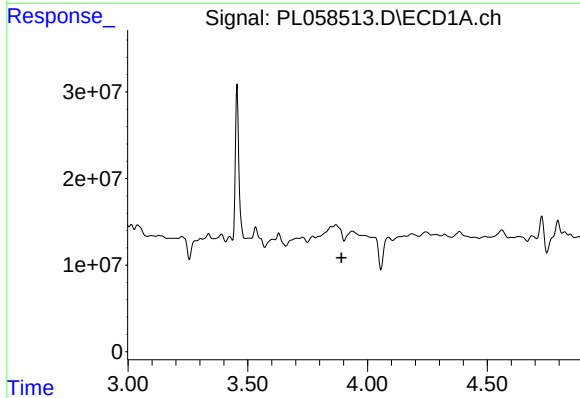
R.T.: 3.455 min  
Delta R.T.: 0.001 min  
Response: 174324966  
Conc: 16.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



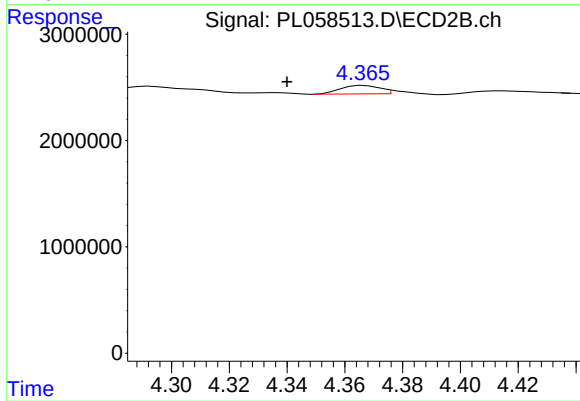
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: 0.001 min  
Response: 37770273  
Conc: 17.47 ng/ml



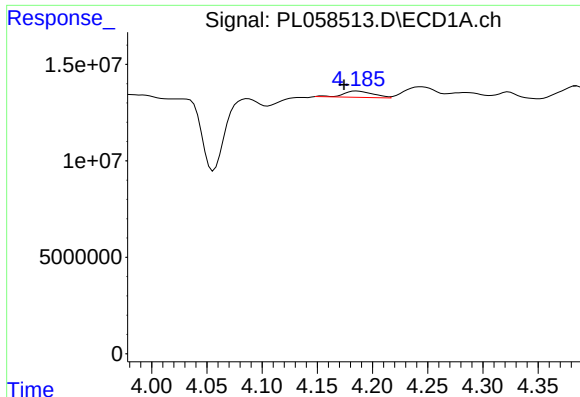
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.891 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

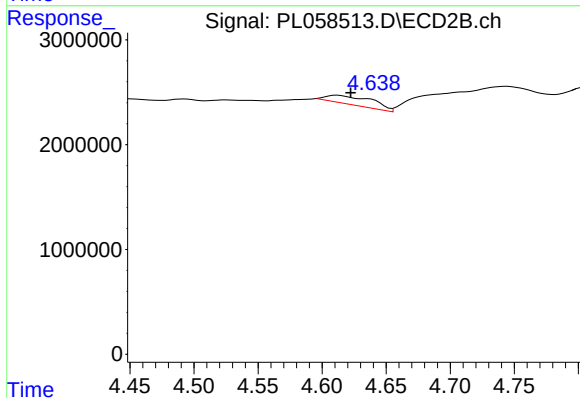
R.T.: 4.367 min  
Delta R.T.: 0.027 min  
Response: 743524  
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

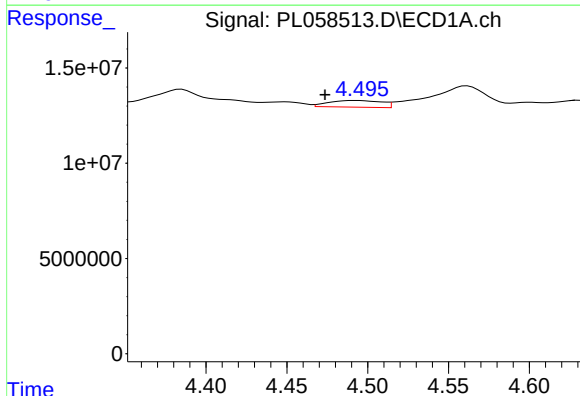
R.T.: 4.186 min  
Delta R.T.: 0.012 min  
Response: 6010428  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



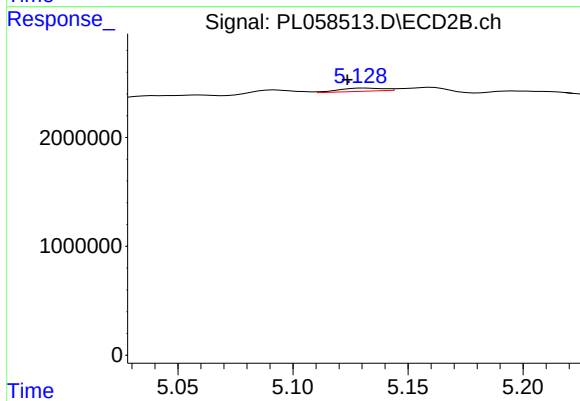
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: -0.011 min  
Response: 2154386  
Conc: 0.65 ng/ml



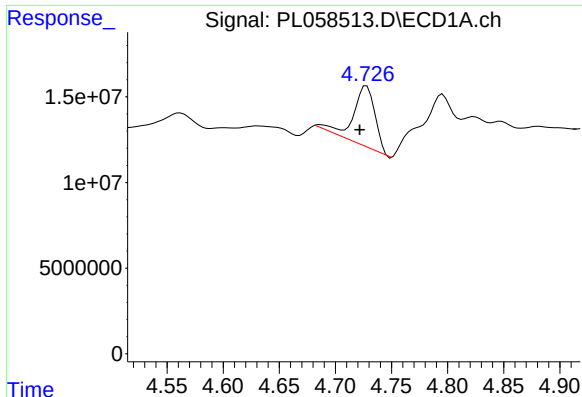
#4 Heptachlor

R.T.: 4.493 min  
Delta R.T.: 0.019 min  
Response: 7998209  
Conc: 0.45 ng/ml



#4 Heptachlor

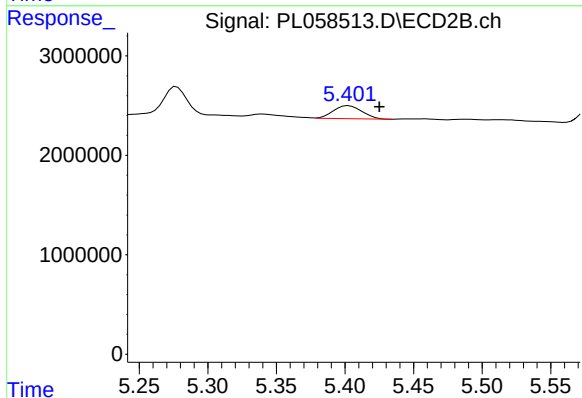
R.T.: 5.131 min  
Delta R.T.: 0.008 min  
Response: 392258  
Conc: 0.11 ng/ml



#5 Aldrin

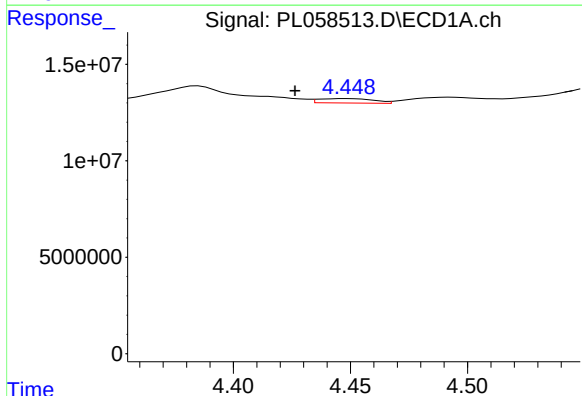
R.T.: 4.728 min  
Delta R.T.: 0.006 min  
Response: 47826171  
Conc: 2.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



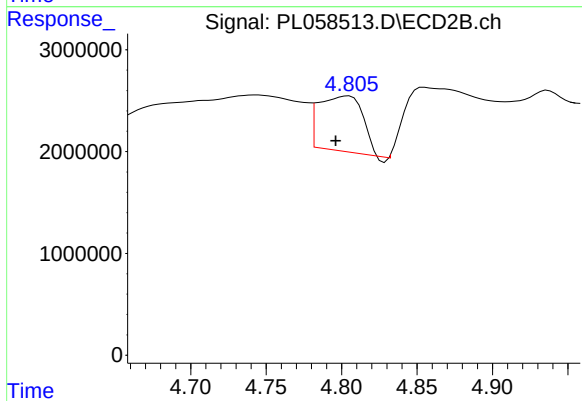
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.023 min  
Response: 1899365  
Conc: 0.56 ng/ml



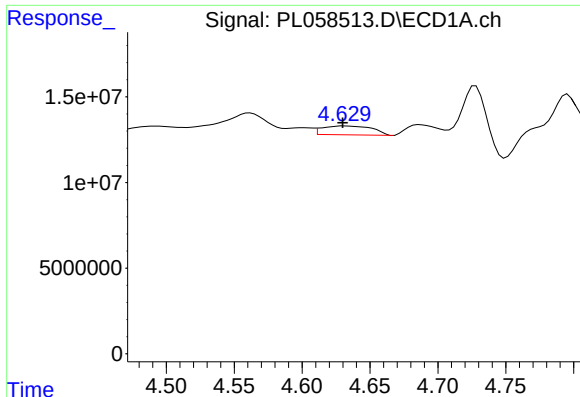
#6 beta-BHC

R.T.: 4.448 min  
Delta R.T.: 0.022 min  
Response: 3794963  
Conc: 0.53 ng/ml



#6 beta-BHC

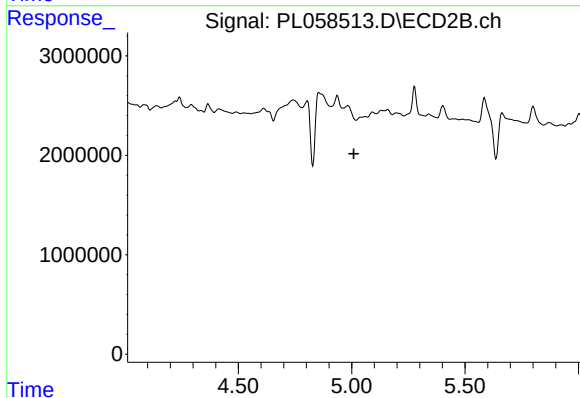
R.T.: 4.805 min  
Delta R.T.: 0.008 min  
Response: 10443985  
Conc: 7.17 ng/ml



#7 delta-BHC

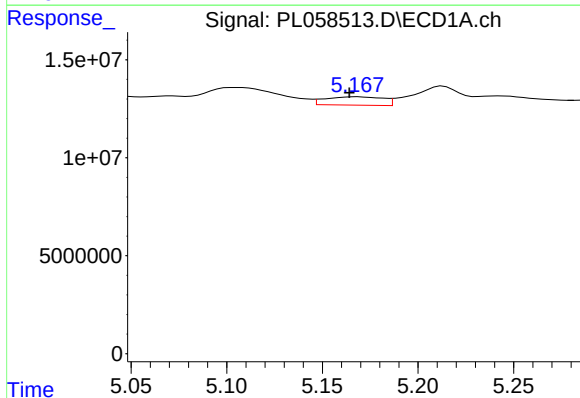
R.T.: 4.631 min  
Delta R.T.: 0.001 min  
Response: 13229681  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



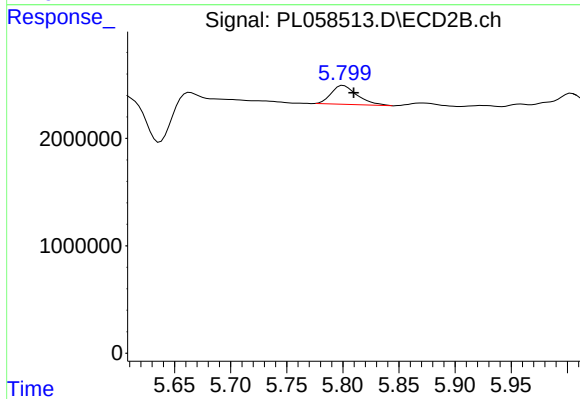
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.010 min  
Response: 0  
Conc: N.D.



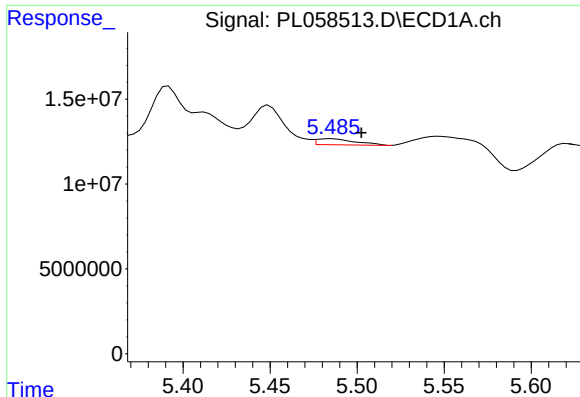
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: 0.004 min  
Response: 8900483  
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

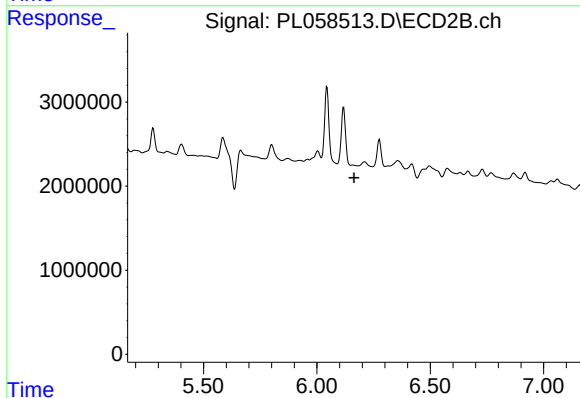
R.T.: 5.801 min  
Delta R.T.: -0.009 min  
Response: 2789442  
Conc: 0.87 ng/ml



#9 Endosulfan I

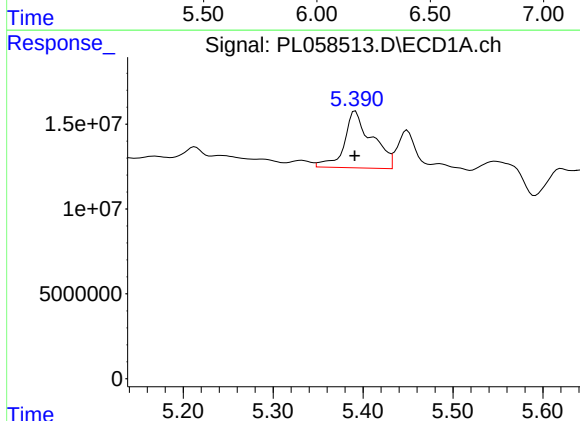
R.T.: 5.486 min  
Delta R.T.: -0.017 min  
Response: 5457059  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



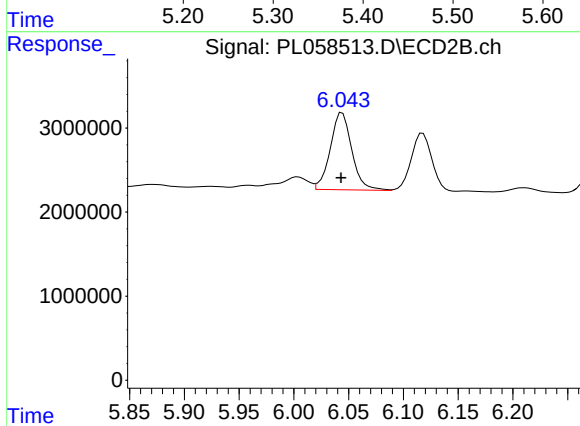
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.164 min  
Response: 0  
Conc: N.D.



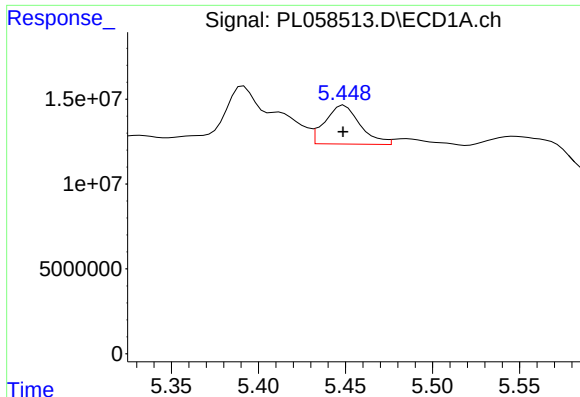
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 71797506  
Conc: 4.66 ng/ml



#10 gamma-Chlordane

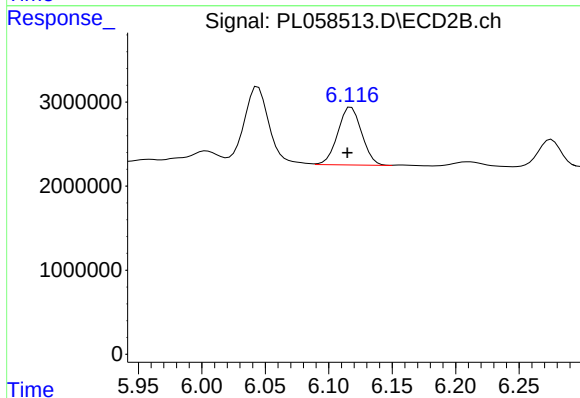
R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 12535545  
Conc: 3.71 ng/ml



#11 alpha-Chlordane

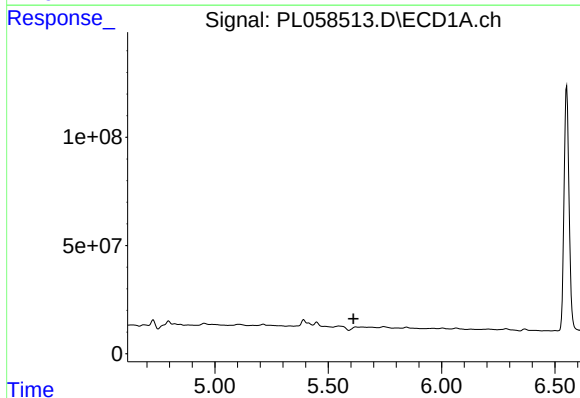
R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 32118890  
Conc: 2.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



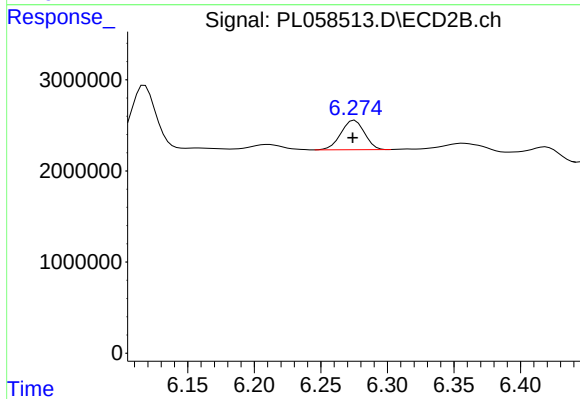
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: 0.003 min  
Response: 8987609  
Conc: 2.64 ng/ml



#12 4,4'-DDE

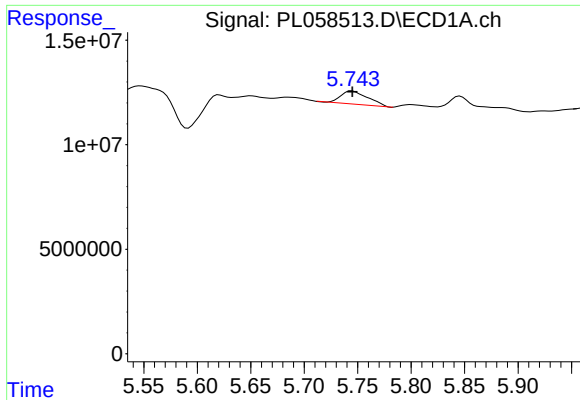
R.T.: 5.621 min  
Delta R.T.: 0.009 min  
Response: -2163938  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.276 min  
Delta R.T.: 0.002 min  
Response: 3961596  
Conc: 1.30 ng/ml

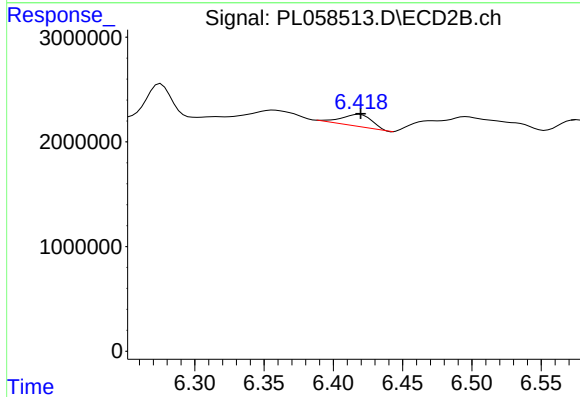




#13 Dieldrin

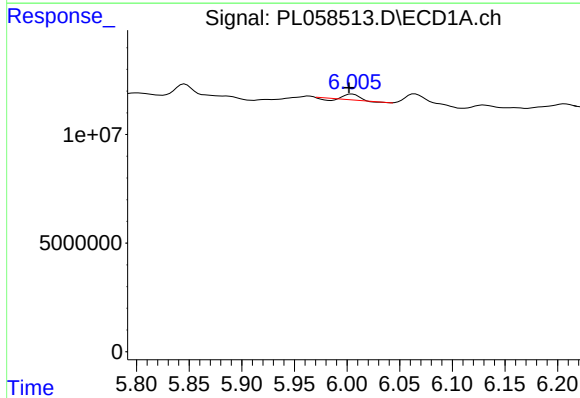
R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 11009724  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



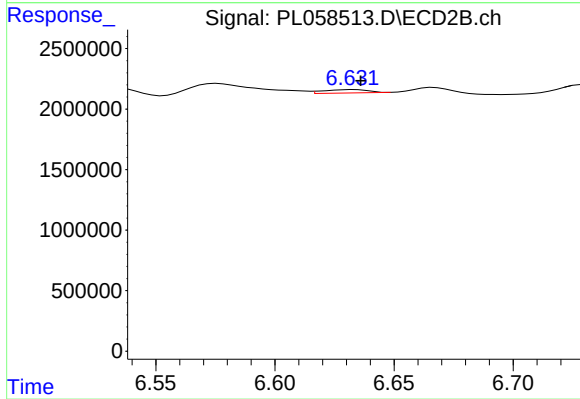
#13 Dieldrin

R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 1749293  
Conc: 0.56 ng/ml



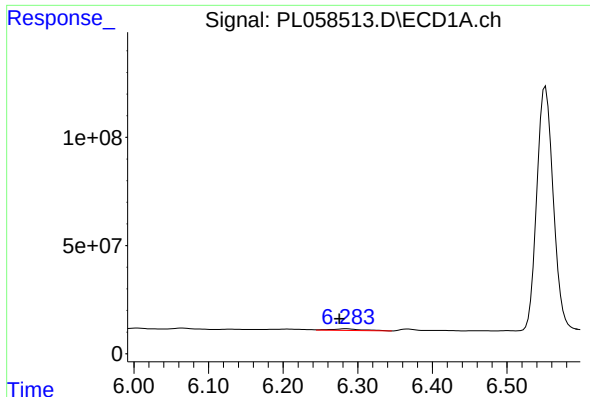
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: 0.003 min  
Response: 1863263  
Conc: 0.14 ng/ml



#14 Endrin

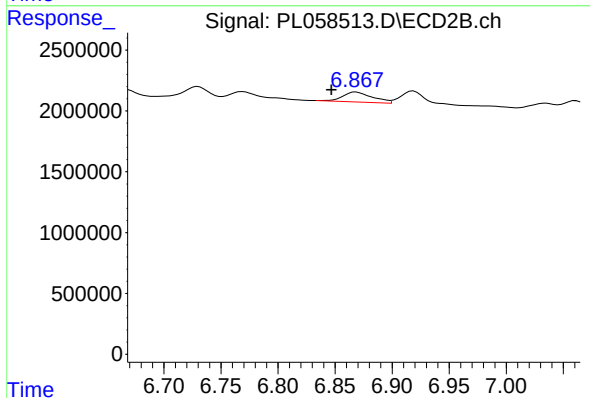
R.T.: 6.633 min  
Delta R.T.: -0.003 min  
Response: 358805  
Conc: 0.14 ng/ml



#15 Endosulfan II

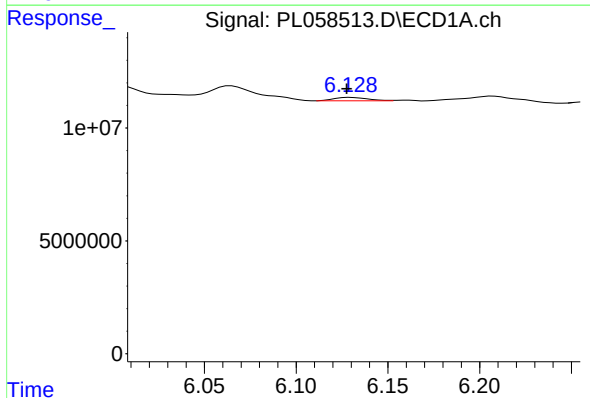
R.T.: 6.285 min  
Delta R.T.: 0.009 min  
Response: 22306764  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



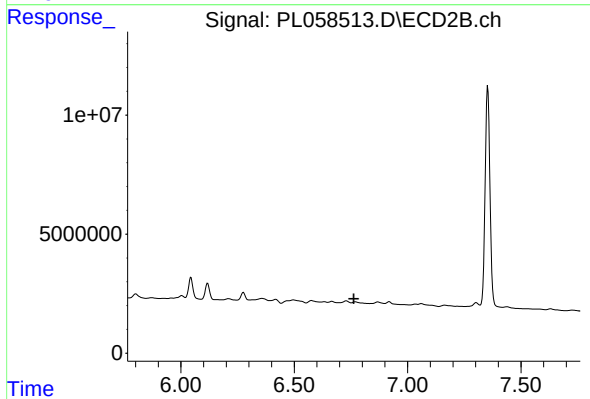
#15 Endosulfan II

R.T.: 6.868 min  
Delta R.T.: 0.022 min  
Response: 1511063  
Conc: 0.57 ng/ml



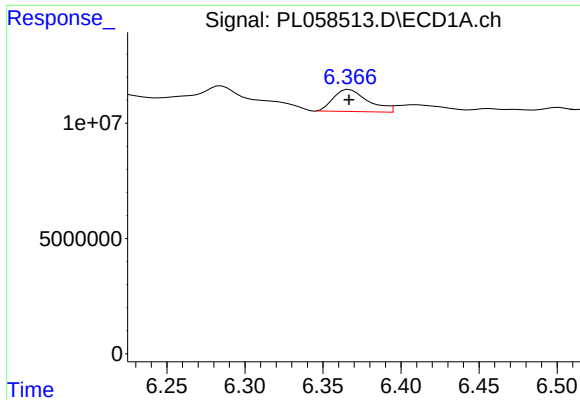
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: 0.002 min  
Response: 1896567  
Conc: 0.16 ng/ml



#16 4,4'-DDD

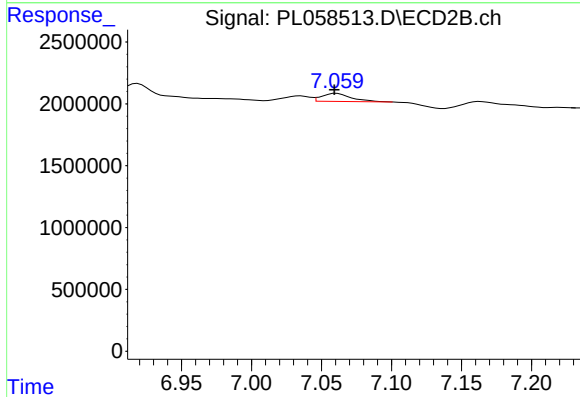
R.T.: 6.769 min  
Delta R.T.: 0.006 min  
Response: -637737  
Conc: N.D.



#17 4,4'-DDT

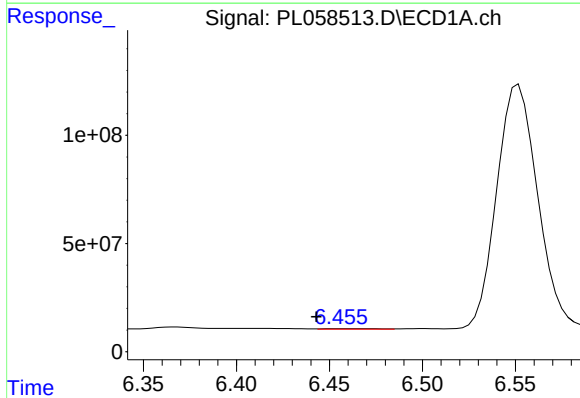
R.T.: 6.367 min  
Delta R.T.: 0.000 min  
Response: 14759627  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



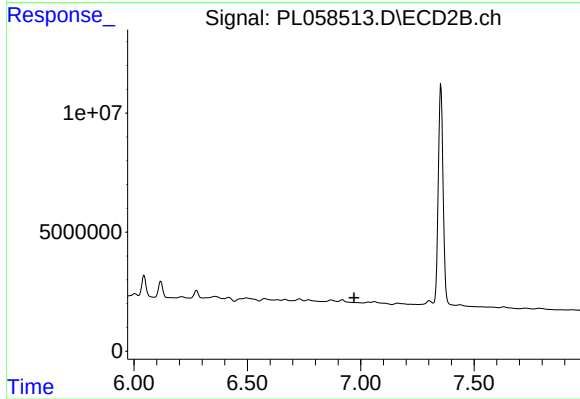
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: 0.001 min  
Response: 804562  
Conc: 0.37 ng/ml



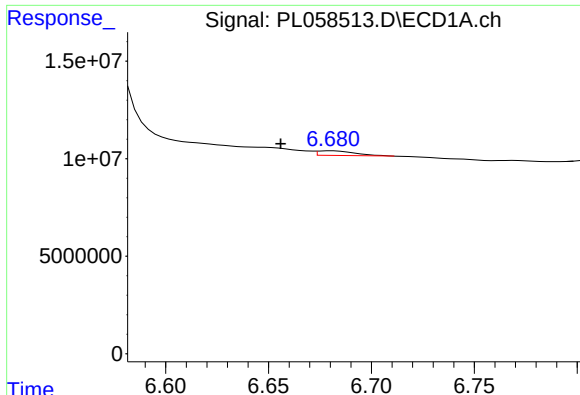
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: 0.013 min  
Response: 4908305  
Conc: 0.46 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.970 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

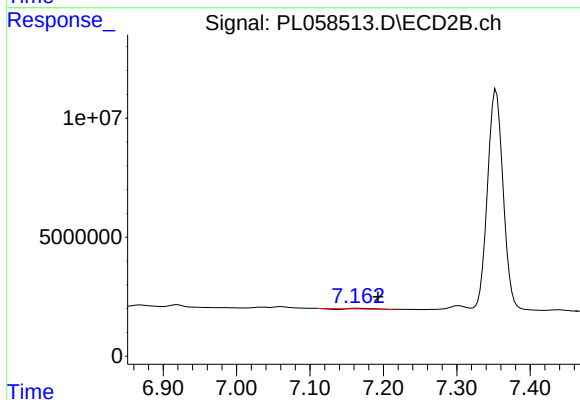
R.T.: 6.681 min

Delta R.T.: 0.025 min

Response: 2011726

Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



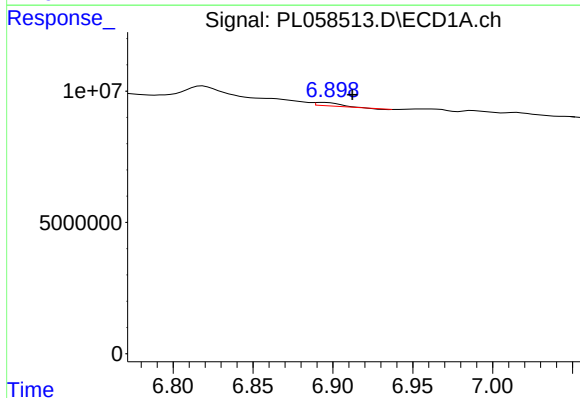
#19 Endosulfan Sulfate

R.T.: 7.163 min

Delta R.T.: -0.030 min

Response: 101734

Conc: 0.04 ng/ml



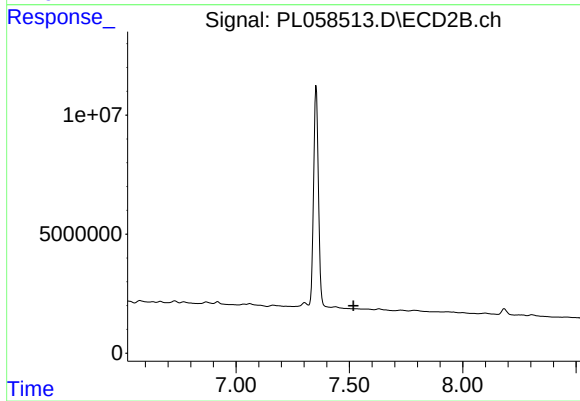
#20 Methoxychlor

R.T.: 6.895 min

Delta R.T.: -0.017 min

Response: 1343316

Conc: 0.23 ng/ml



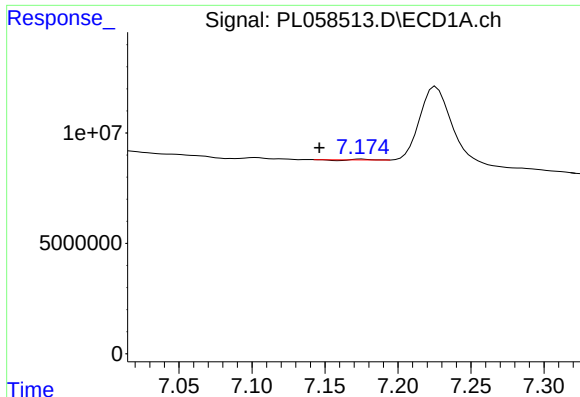
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T.: 7.518 min

Response: 0

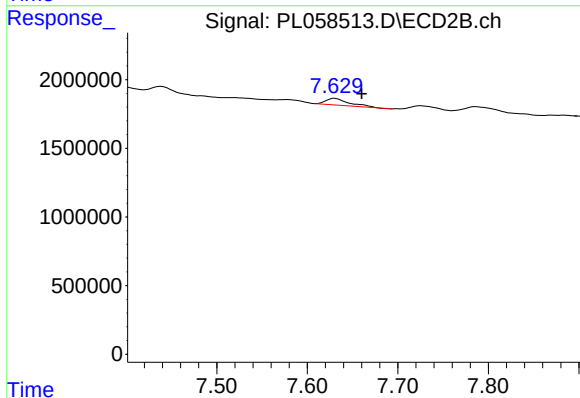
Conc: N.D.



#21 Endrin ketone

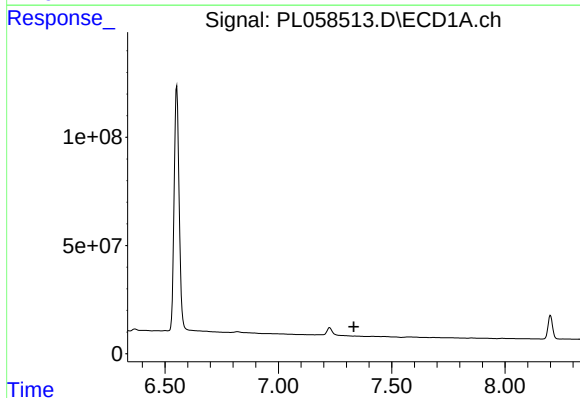
R.T.: 7.175 min  
Delta R.T.: 0.029 min  
Response: 72614  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



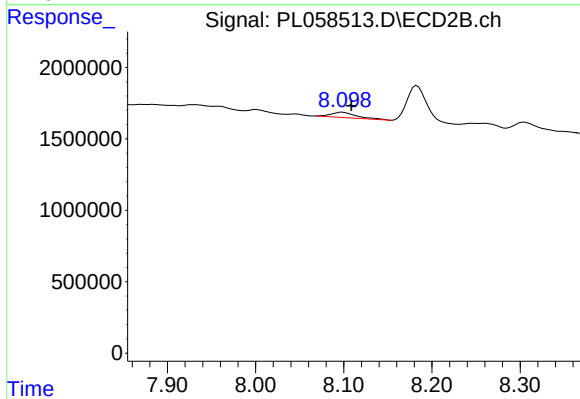
#21 Endrin ketone

R.T.: 7.631 min  
Delta R.T.: -0.030 min  
Response: 883358  
Conc: 0.36 ng/ml



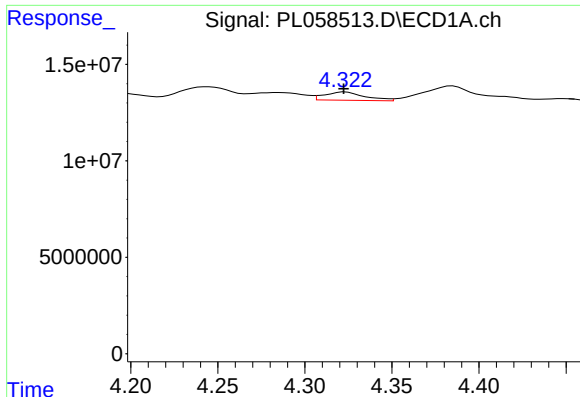
#22 Mirex

R.T.: 7.337 min  
Delta R.T.: 0.005 min  
Response: -26079  
Conc: N.D.



#22 Mirex

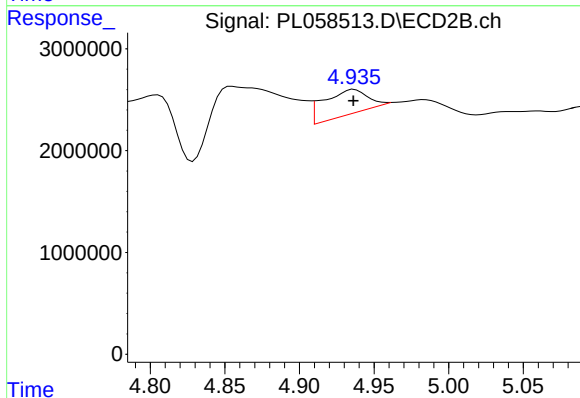
R.T.: 8.098 min  
Delta R.T.: -0.010 min  
Response: 746620  
Conc: 0.39 ng/ml



#23 Chlordane-1

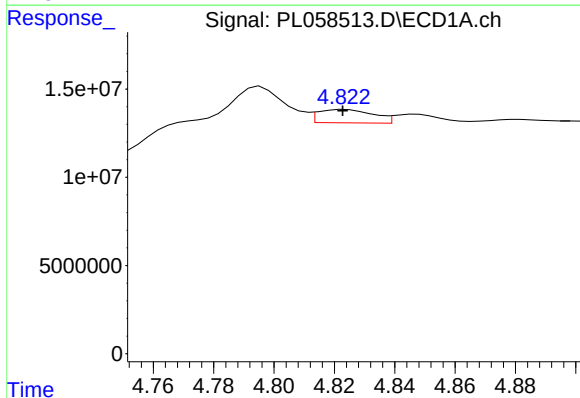
R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 7014822  
Conc: 16.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



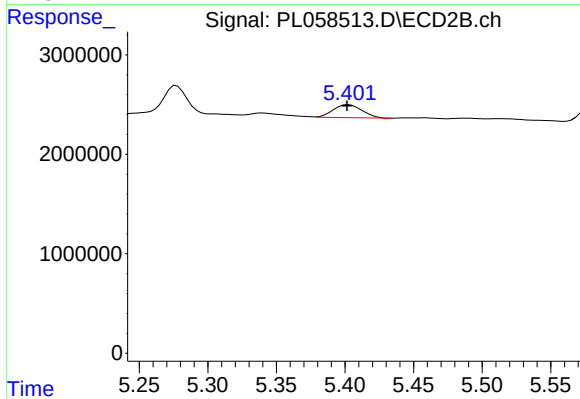
#23 Chlordane-1

R.T.: 4.937 min  
Delta R.T.: 0.000 min  
Response: 4971134  
Conc: 59.65 ng/ml



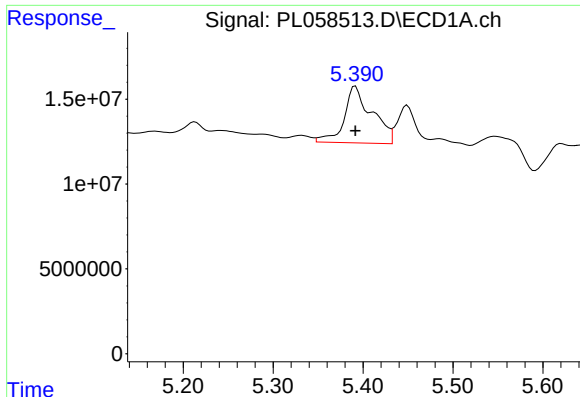
#24 Chlordane-2

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 9592758  
Conc: 23.10 ng/ml



#24 Chlordane-2

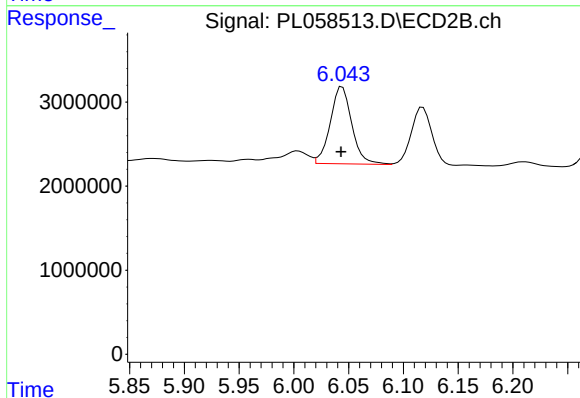
R.T.: 5.403 min  
Delta R.T.: 0.001 min  
Response: 1899365  
Conc: 19.16 ng/ml



#25 Chlordane-3

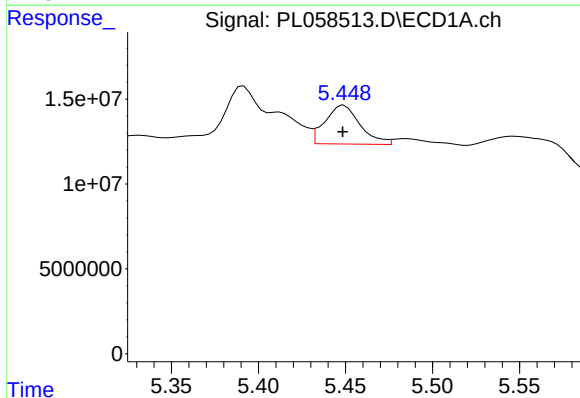
R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 71797506  
Conc: 54.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



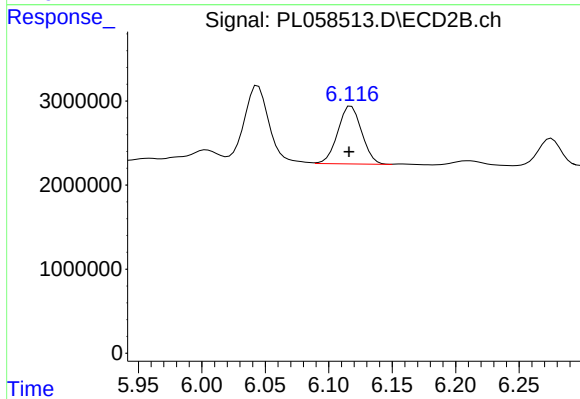
#25 Chlordane-3

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 12535545  
Conc: 31.34 ng/ml



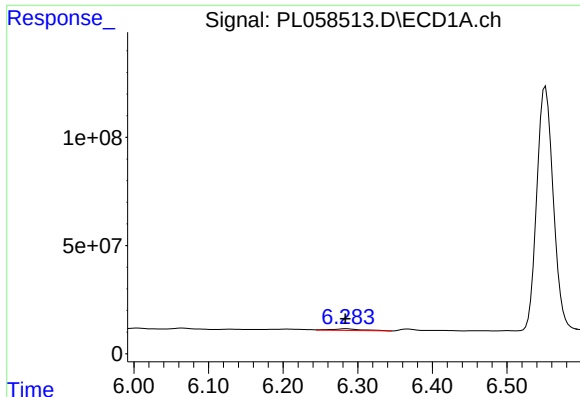
#26 Chlordane-4

R.T.: 5.449 min  
Delta R.T.: 0.001 min  
Response: 32118890  
Conc: 29.26 ng/ml



#26 Chlordane-4

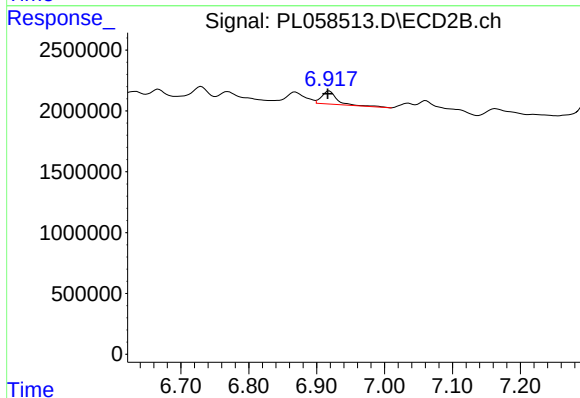
R.T.: 6.118 min  
Delta R.T.: 0.002 min  
Response: 8987609  
Conc: 18.49 ng/ml



#27 Chlordane-5

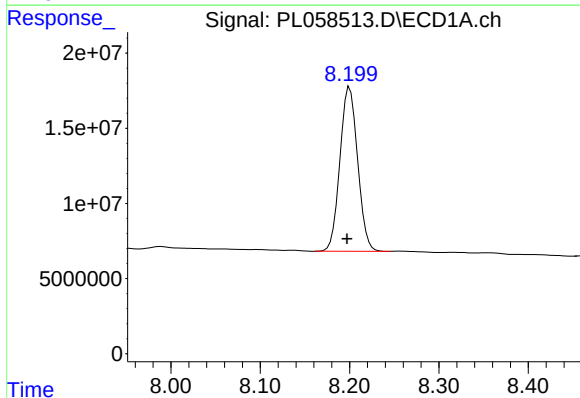
R.T.: 6.285 min  
Delta R.T.: 0.001 min  
Response: 22306764  
Conc: 54.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



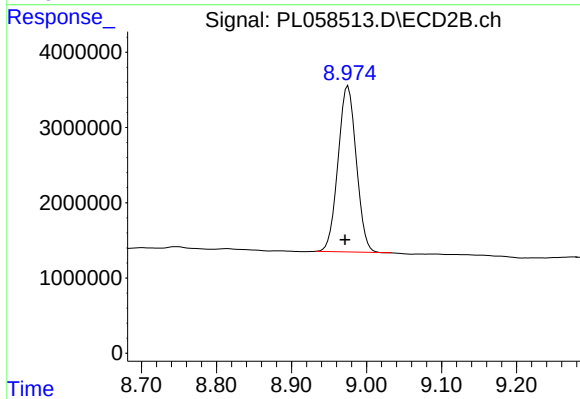
#27 Chlordane-5

R.T.: 6.919 min  
Delta R.T.: 0.003 min  
Response: 1723069  
Conc: 23.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: 0.003 min  
Response: 150442683  
Conc: 13.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: 0.004 min  
Response: 37301264  
Conc: 16.81 ng/ml