

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
 Data File : PL080013.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Dec 2022 08:32  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 30 10:57:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 2022  
 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... | 3.368  | 2.696  | 34327260 | 42984817 | 24.745  | 23.394  |
| 28)                         | SA Decachlor... | 8.818  | 7.855  | 38232641 | 46587905 | 27.195  | 27.861  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.818  | 3.196  | 191022   | 547286   | 0.100   | 0.218 # |
| 3)                          | MA gamma-BHC... | 4.148  | 3.527  | 420934   | 452655   | 0.241   | 0.190   |
| 4)                          | MA Heptachlor   | 4.730  | 3.870  | 1093581  | 337688   | 0.609   | 0.157 # |
| 5)                          | MB Aldrin       | 5.070  | 4.155  | 3230429  | 668499   | 1.932   | 0.292 # |
| 6)                          | B beta-BHC      | 4.340  | 3.835  | 287917   | -181584  | 0.340   | N.D. #  |
| 7)                          | B delta-BHC     | 4.586  | 4.051  | 1158565  | 327428   | 0.684   | 0.143 # |
| 8)                          | B Heptachlo...  | 5.494  | 4.652  | 13379197 | 339706   | 8.135   | 0.161 # |
| 9)                          | A Endosulfan I  | 5.878  | 5.022  | 8469800  | 2147973  | 5.434   | 1.049 # |
| 10)                         | B gamma-Chl...  | 5.751  | 4.905  | 9901078  | 1700024  | 5.775   | 0.790 # |
| 11)                         | B alpha-Chl...  | 5.830  | 4.969  | 6003450  | 1757881  | 3.613   | 0.823 # |
| 12)                         | B 4,4'-DDE      | 6.005  | 5.163  | 11526794 | 276271   | 7.813   | 0.152 # |
| 13)                         | MA Dieldrin     | 6.150  | 5.290  | 11349134 | 3859405  | 6.948   | 1.911 # |
| 14)                         | MA Endrin       | 6.378  | 5.579f | 4820860  | 1208122  | 3.676   | 0.781 # |
| 15)                         | B Endosulfa...  | 6.583  | 5.860  | 5338323  | 243002   | 0.471   | 0.140 # |
| 16)                         | A 4,4'-DDD      | 6.525  | 5.720  | 5246008  | 166944   | 4.184   | 0.110 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.973  | 0        | 456924   | N.D.    | 0.348 # |
| 18)                         | B Endrin al...  | 6.730  | 6.041  | 1630660  | 500789   | 1.492   | 0.372 # |
| 19)                         | B Endosulfa...  | 6.962  | 6.261  | 444386   | 1098841  | 0.307   | 0.631 # |
| 20)                         | A Methoxychlor  | 7.313  | 6.552  | 169706   | 213400   | 0.239   | 0.277   |
| 23)                         | Chlordane-1     | 0.000  | 3.701  | 0        | 254959   | N.D.    | 4.053 # |
| 24)                         | Chlordane-2     | 5.027  | 0.000  | 1580851  | 0        | 23.306  | N.D. #  |
| 25)                         | Chlordane-3     | 5.751  | 4.905  | 9901078  | 1700024  | 38.897  | 8.394 # |
| 26)                         | Chlordane-4     | 5.830  | 4.969  | 6003450  | 1757881  | 19.451  | 8.785 # |
| 27)                         | Chlordane-5     | 6.640f | 5.617f | 5870586  | 246041   | 108.437 | 4.538 # |
| -----                       |                 |        |        |          |          |         |         |

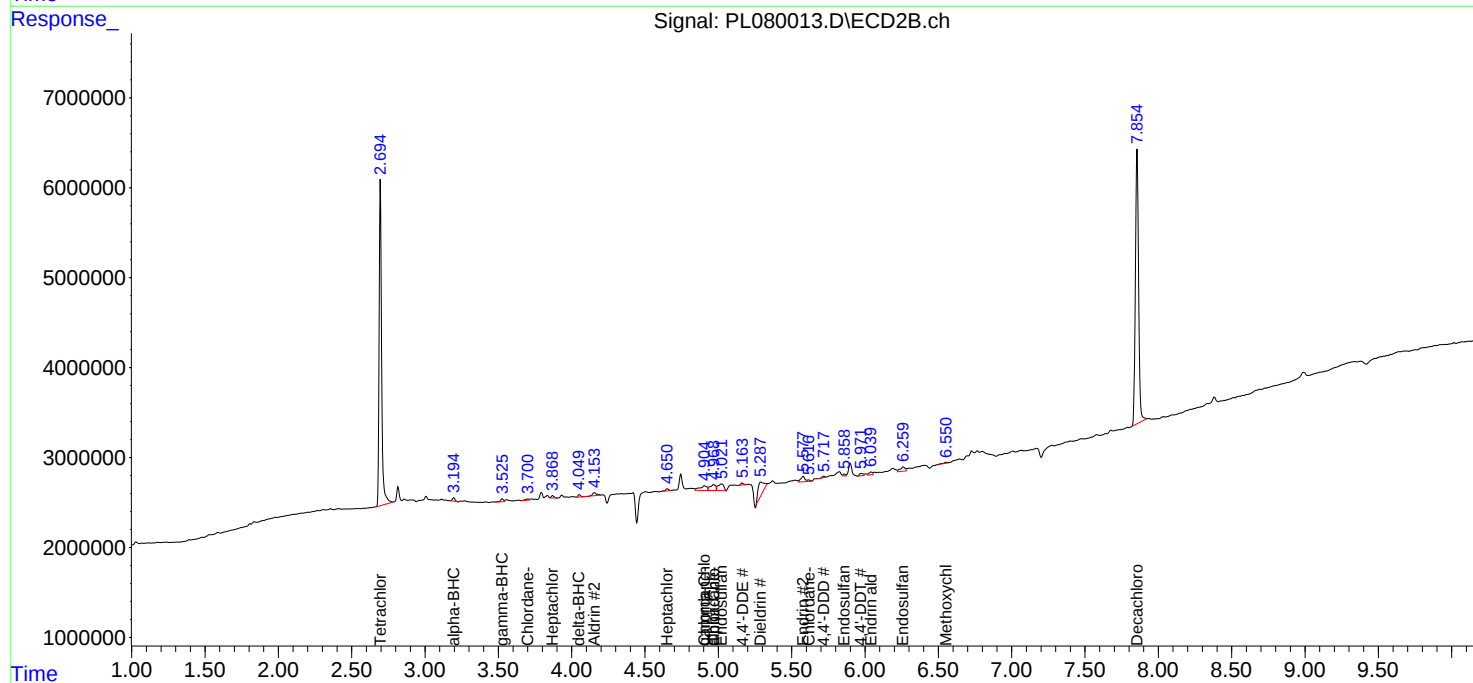
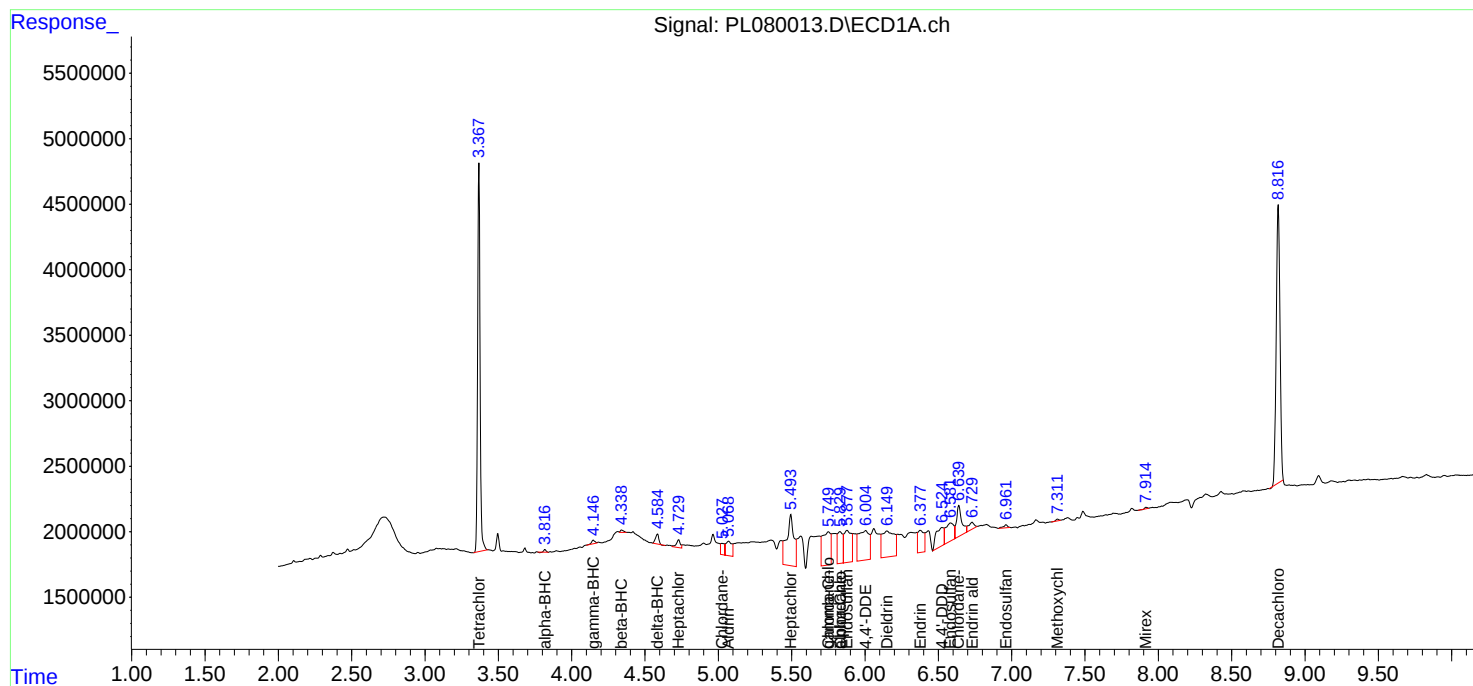
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

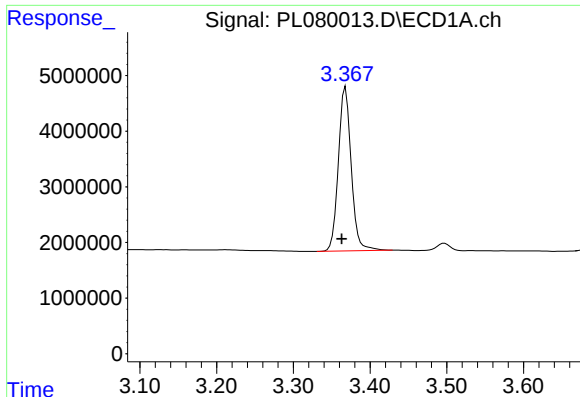
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
Data File : PL080013.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Dec 2022 08:32  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 30 10:57:24 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 30 05:17:19 2022  
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

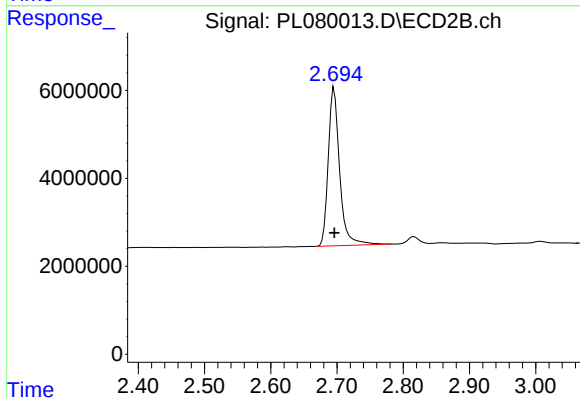




#1 Tetrachloro-m-xylene

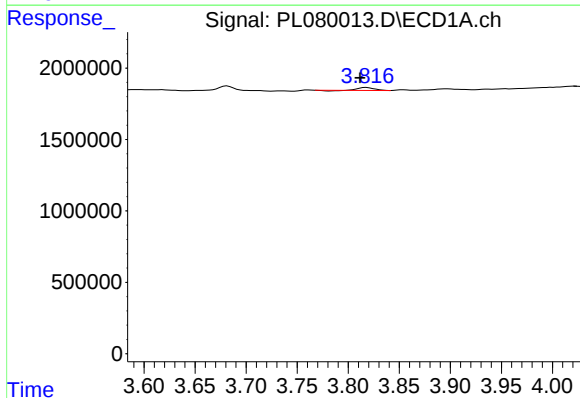
R.T.: 3.368 min  
Delta R.T.: 0.005 min  
Response: 34327260  
Conc: 24.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



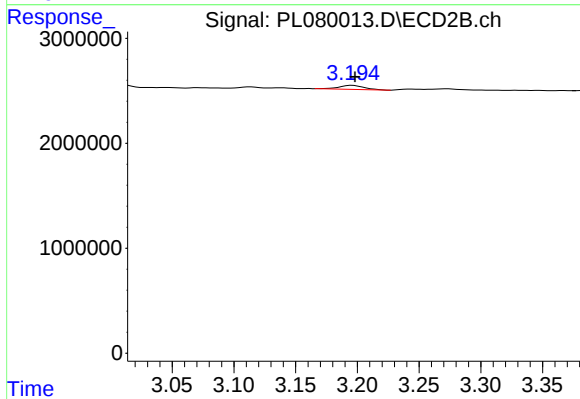
#1 Tetrachloro-m-xylene

R.T.: 2.696 min  
Delta R.T.: 0.000 min  
Response: 42984817  
Conc: 23.39 ng/ml



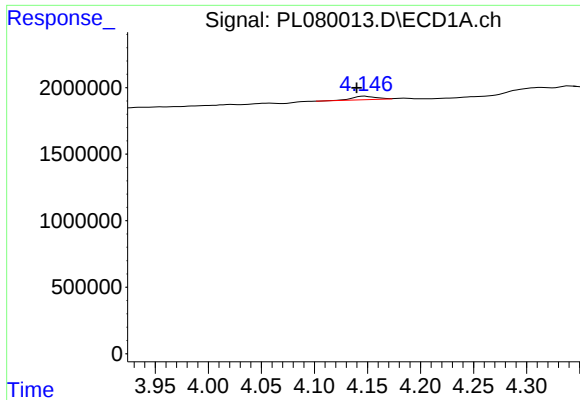
#2 alpha-BHC

R.T.: 3.818 min  
Delta R.T.: 0.006 min  
Response: 191022  
Conc: 0.10 ng/ml



#2 alpha-BHC

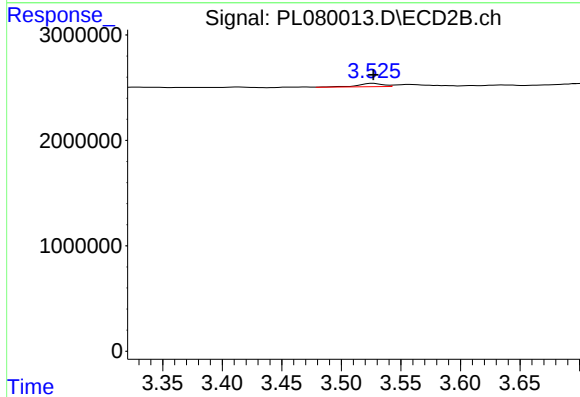
R.T.: 3.196 min  
Delta R.T.: -0.002 min  
Response: 547286  
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

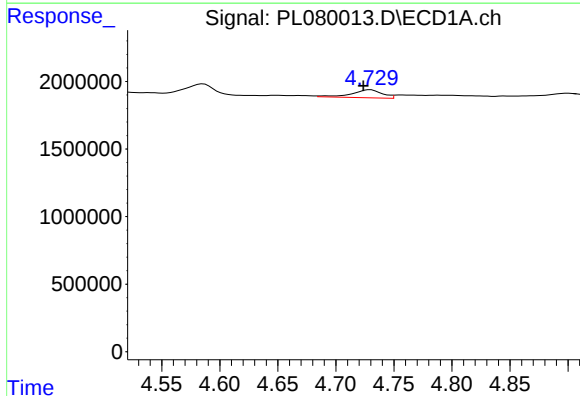
R.T.: 4.148 min  
Delta R.T.: 0.008 min  
Response: 420934  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



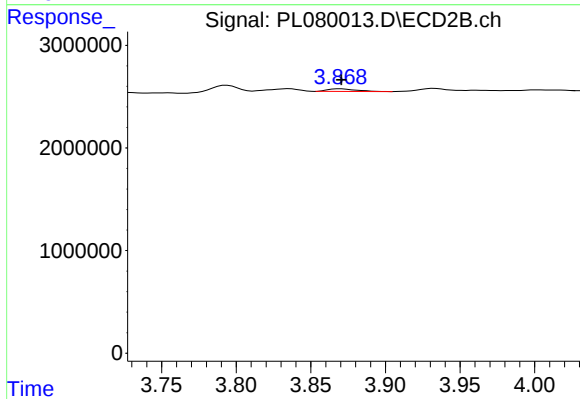
#3 gamma-BHC (Lindane)

R.T.: 3.527 min  
Delta R.T.: 0.000 min  
Response: 452655  
Conc: 0.19 ng/ml



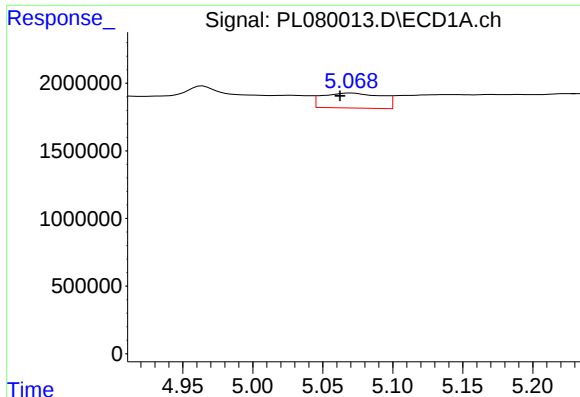
#4 Heptachlor

R.T.: 4.730 min  
Delta R.T.: 0.006 min  
Response: 1093581  
Conc: 0.61 ng/ml



#4 Heptachlor

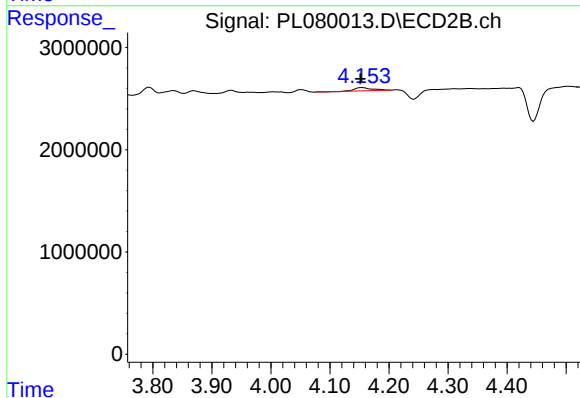
R.T.: 3.870 min  
Delta R.T.: 0.000 min  
Response: 337688  
Conc: 0.16 ng/ml



#5 Aldrin

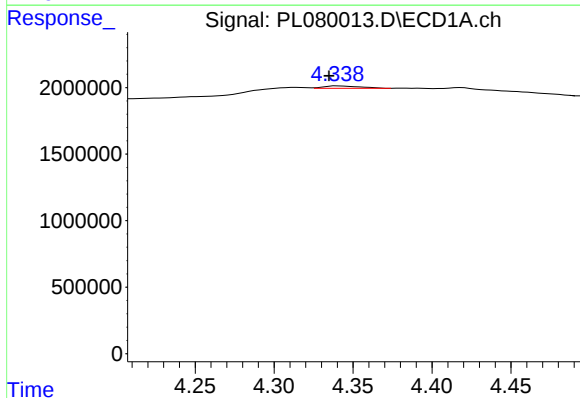
R.T.: 5.070 min  
Delta R.T.: 0.008 min  
Response: 3230429  
Conc: 1.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



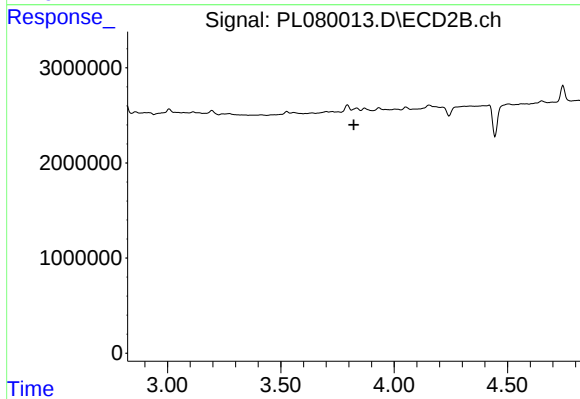
#5 Aldrin

R.T.: 4.155 min  
Delta R.T.: 0.003 min  
Response: 668499  
Conc: 0.29 ng/ml



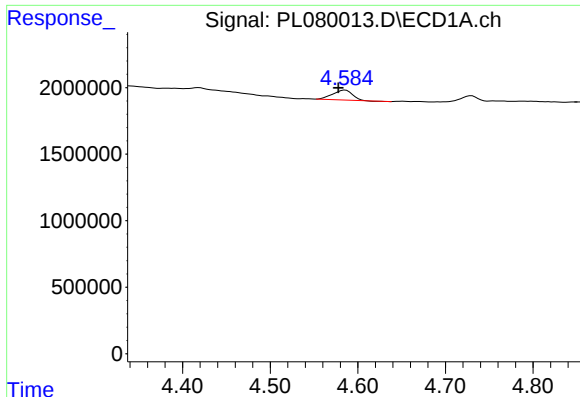
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.005 min  
Response: 287917  
Conc: 0.34 ng/ml



#6 beta-BHC

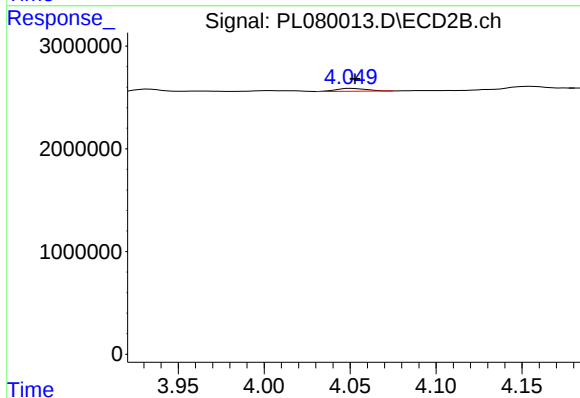
R.T.: 3.835 min  
Delta R.T.: 0.013 min  
Response: -181584  
Conc: N.D.



#7 delta-BHC

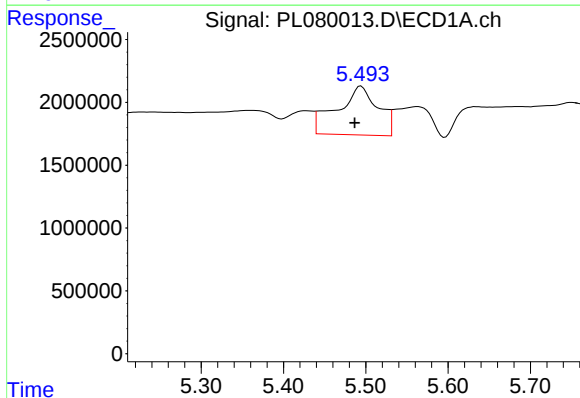
R.T.: 4.586 min  
Delta R.T.: 0.008 min  
Response: 1158565  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



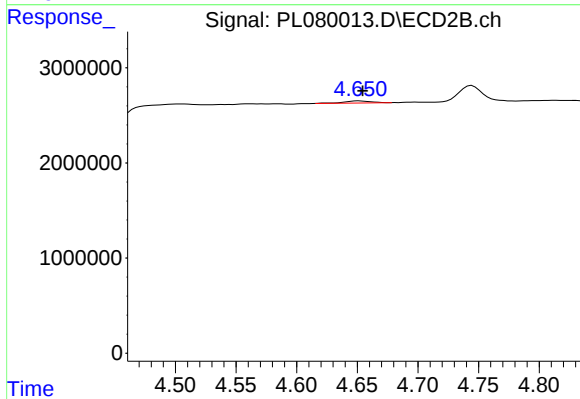
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 327428  
Conc: 0.14 ng/ml



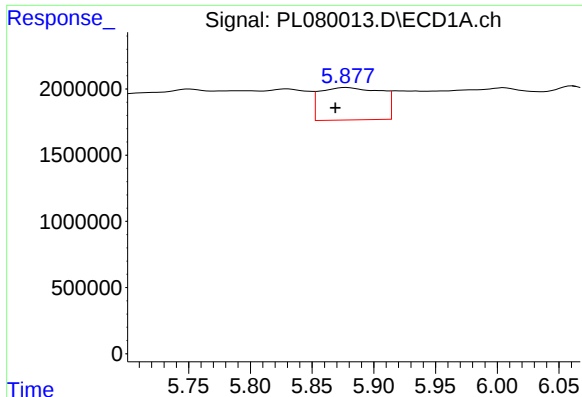
#8 Heptachlor epoxide

R.T.: 5.494 min  
Delta R.T.: 0.008 min  
Response: 13379197  
Conc: 8.14 ng/ml



#8 Heptachlor epoxide

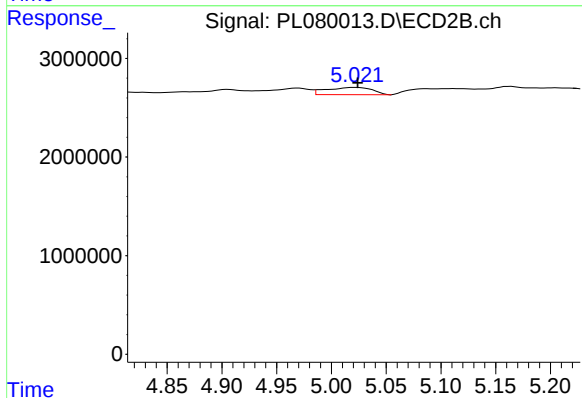
R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 339706  
Conc: 0.16 ng/ml



#9 Endosulfan I

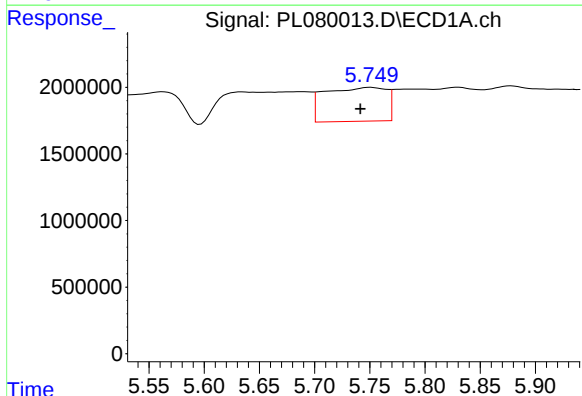
R.T.: 5.878 min  
Delta R.T.: 0.009 min  
Response: 8469800  
Conc: 5.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



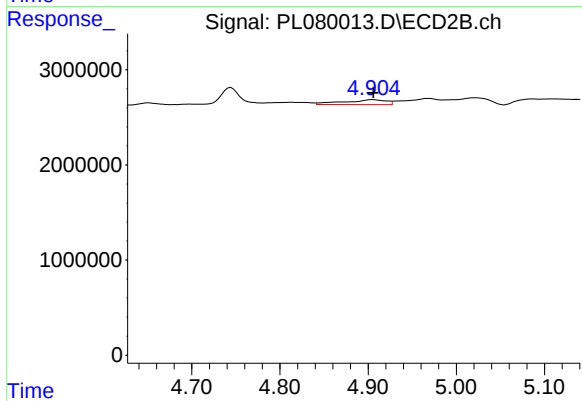
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: -0.002 min  
Response: 2147973  
Conc: 1.05 ng/ml



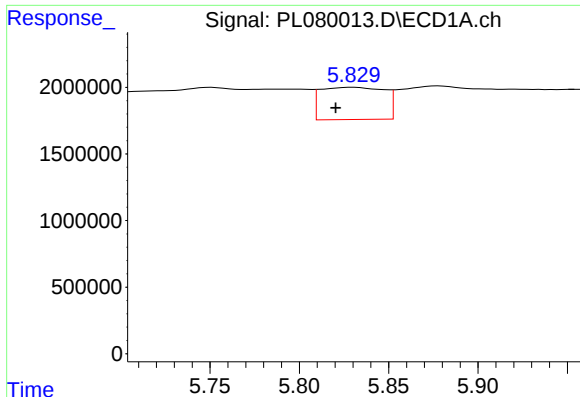
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.009 min  
Response: 9901078  
Conc: 5.77 ng/ml



#10 gamma-Chlordane

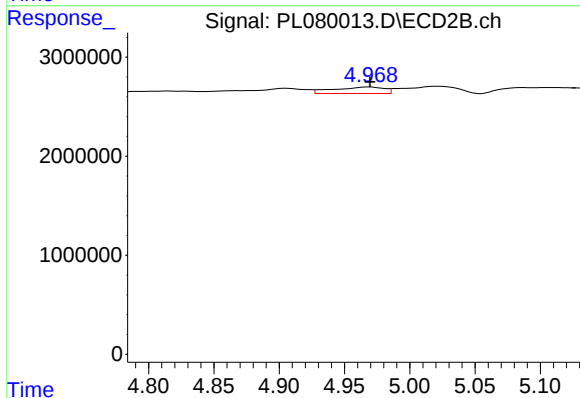
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 1700024  
Conc: 0.79 ng/ml



#11 alpha-Chlordane

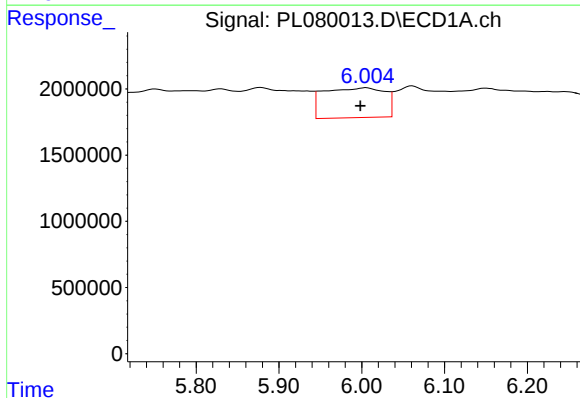
R.T.: 5.830 min  
Delta R.T.: 0.010 min  
Response: 6003450  
Conc: 3.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



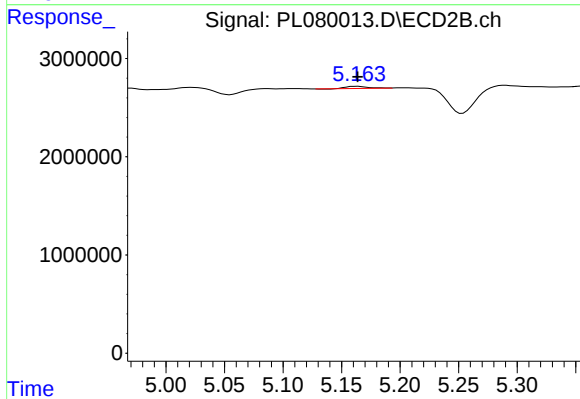
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 1757881  
Conc: 0.82 ng/ml



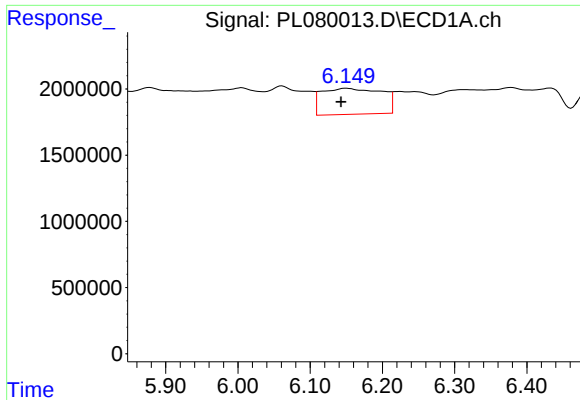
#12 4,4'-DDE

R.T.: 6.005 min  
Delta R.T.: 0.007 min  
Response: 11526794  
Conc: 7.81 ng/ml



#12 4,4'-DDE

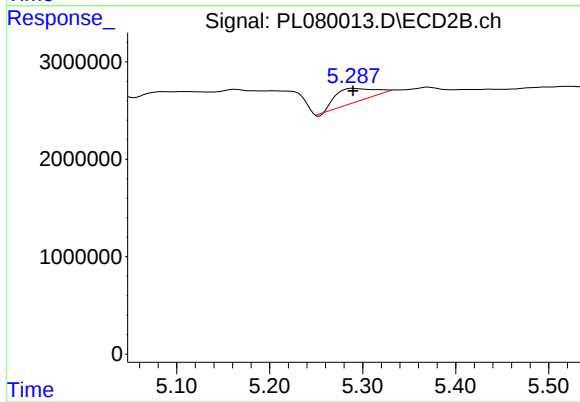
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 276271  
Conc: 0.15 ng/ml



#13 Dieldrin

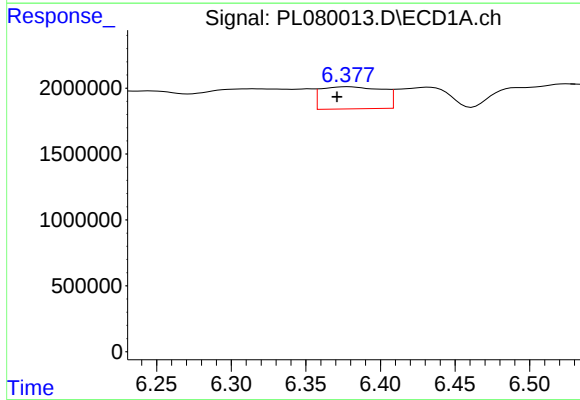
R.T.: 6.150 min  
Delta R.T.: 0.008 min  
Response: 11349134  
Conc: 6.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



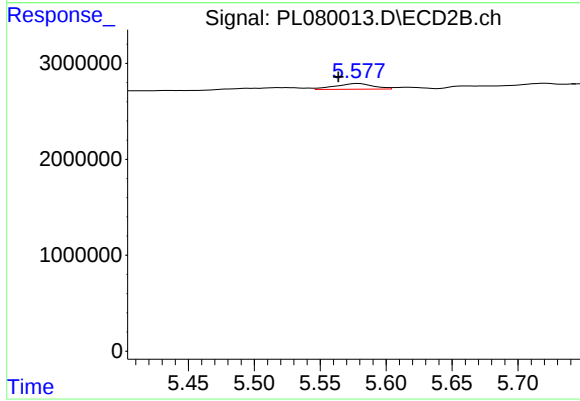
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 3859405  
Conc: 1.91 ng/ml



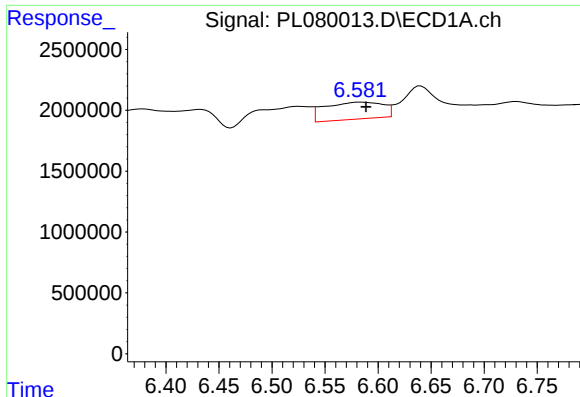
#14 Endrin

R.T.: 6.378 min  
Delta R.T.: 0.007 min  
Response: 4820860  
Conc: 3.68 ng/ml



#14 Endrin

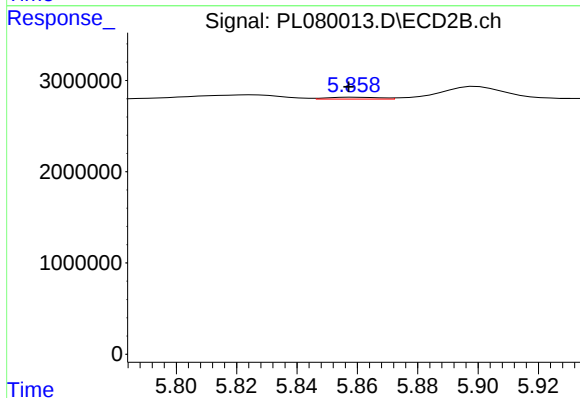
R.T.: 5.579 min  
Delta R.T.: 0.015 min  
Response: 1208122  
Conc: 0.78 ng/ml



#15 Endosulfan II

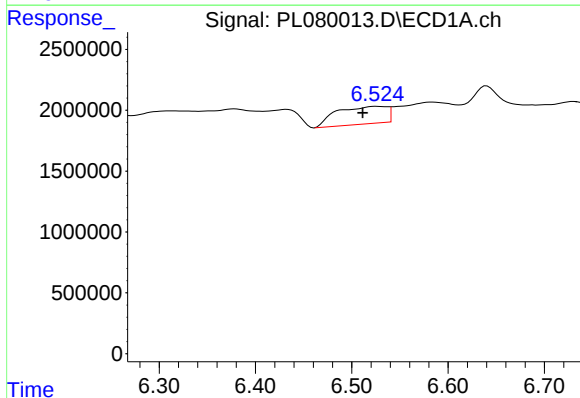
R.T.: 6.583 min  
Delta R.T.: -0.005 min  
Response: 5338323  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



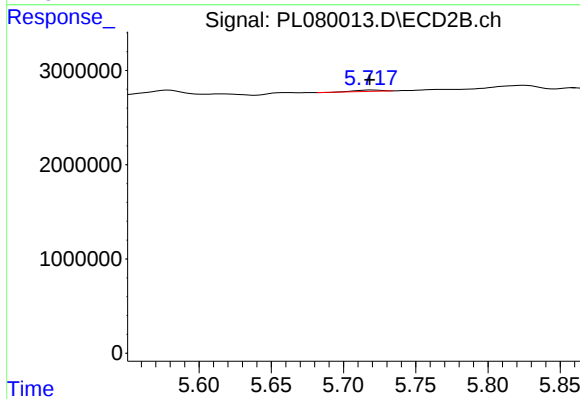
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.002 min  
Response: 243002  
Conc: 0.14 ng/ml



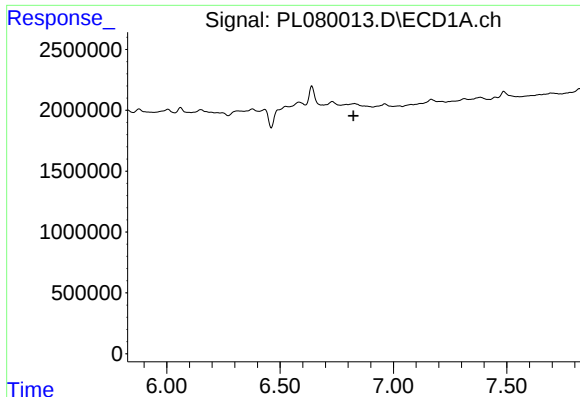
#16 4,4'-DDD

R.T.: 6.525 min  
Delta R.T.: 0.014 min  
Response: 5246008  
Conc: 4.18 ng/ml



#16 4,4'-DDD

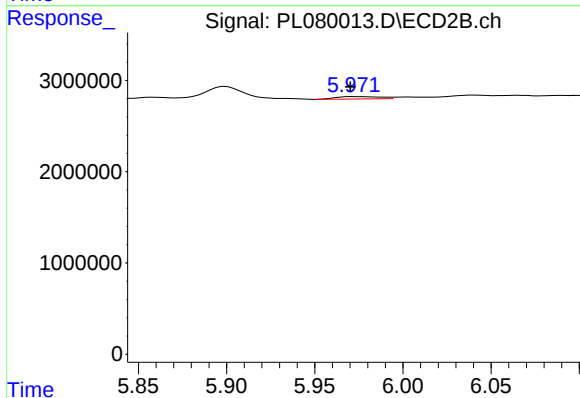
R.T.: 5.720 min  
Delta R.T.: 0.002 min  
Response: 166944  
Conc: 0.11 ng/ml



#17 4,4'-DDT

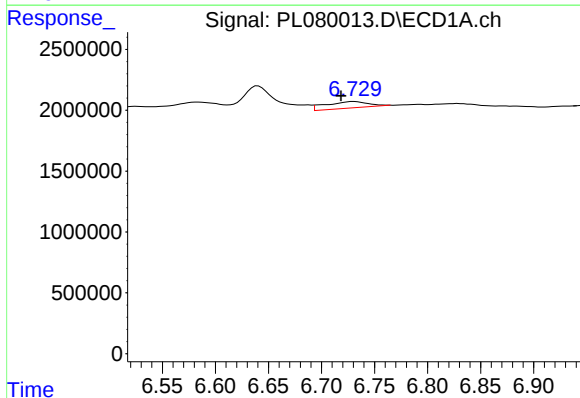
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



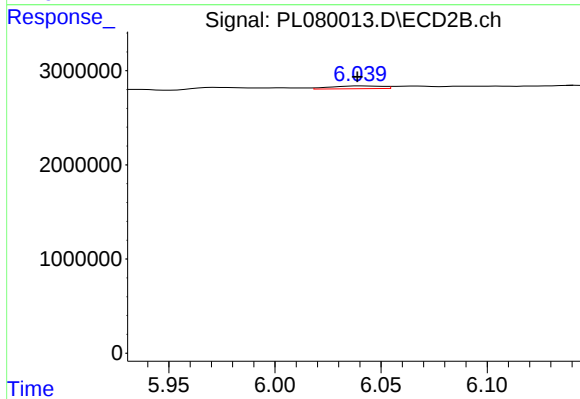
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: 0.003 min  
Response: 456924  
Conc: 0.35 ng/ml



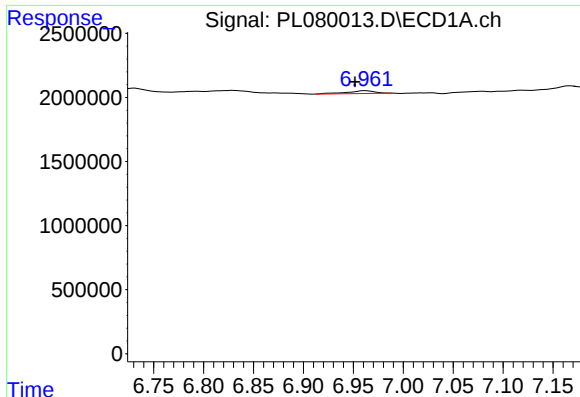
#18 Endrin aldehyde

R.T.: 6.730 min  
Delta R.T.: 0.012 min  
Response: 1630660  
Conc: 1.49 ng/ml



#18 Endrin aldehyde

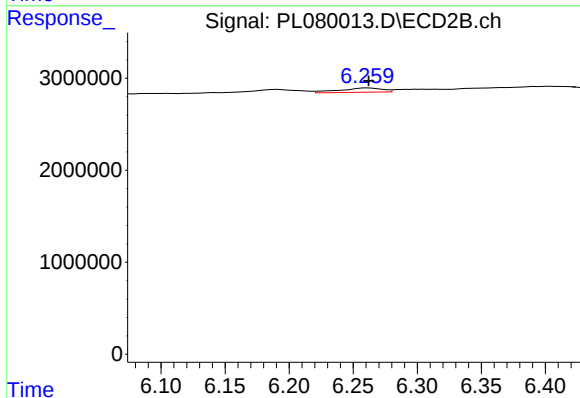
R.T.: 6.041 min  
Delta R.T.: 0.002 min  
Response: 500789  
Conc: 0.37 ng/ml



#19 Endosulfan Sulfate

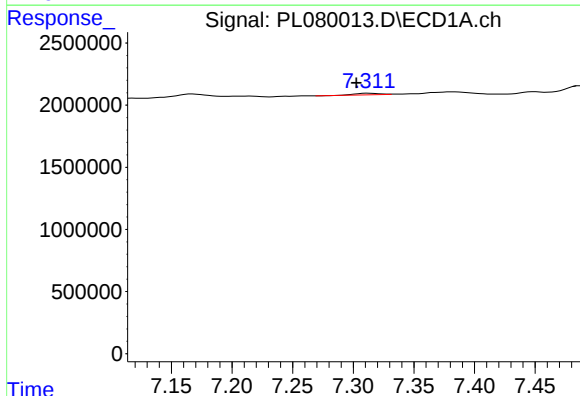
R.T.: 6.962 min  
Delta R.T.: 0.011 min  
Response: 444386  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



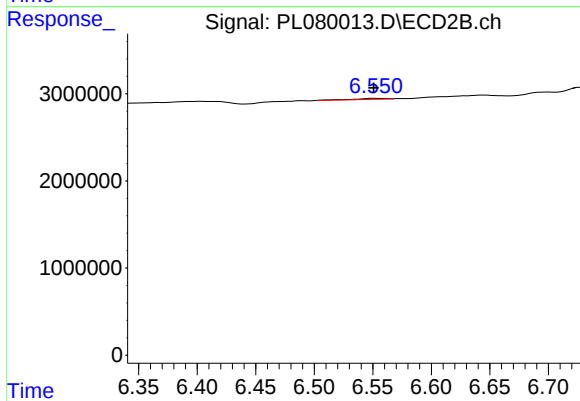
#19 Endosulfan Sulfate

R.T.: 6.261 min  
Delta R.T.: -0.001 min  
Response: 1098841  
Conc: 0.63 ng/ml



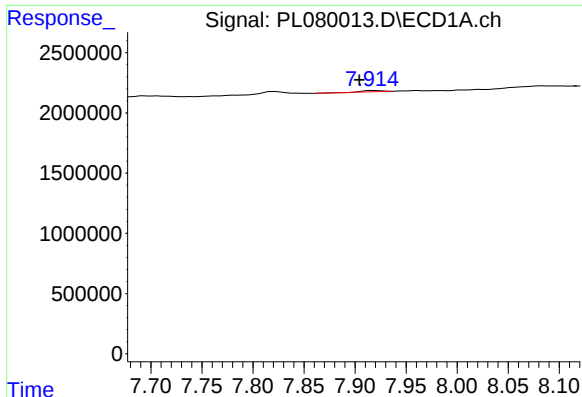
#20 Methoxychlor

R.T.: 7.313 min  
Delta R.T.: 0.010 min  
Response: 169706  
Conc: 0.24 ng/ml



#20 Methoxychlor

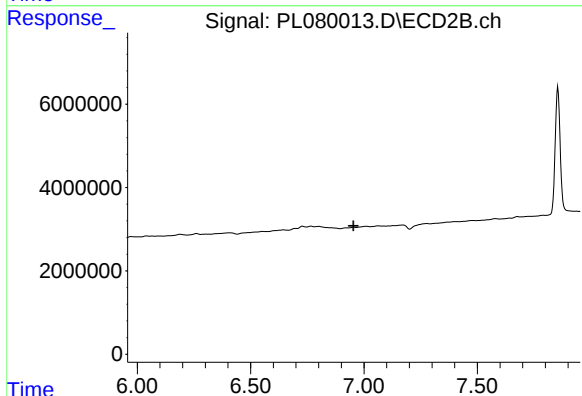
R.T.: 6.552 min  
Delta R.T.: 0.001 min  
Response: 213400  
Conc: 0.28 ng/ml



#22 Mirex

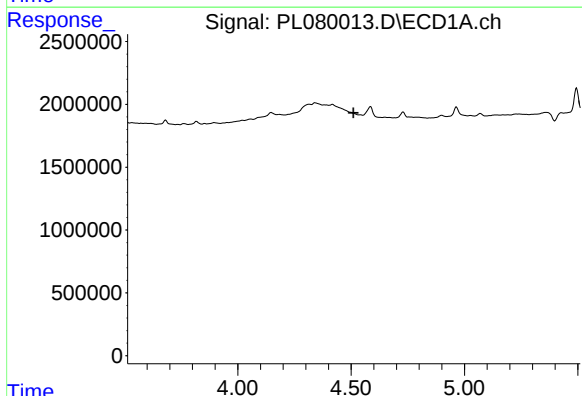
R.T.: 7.916 min  
Delta R.T.: 0.012 min  
Response: 133265  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



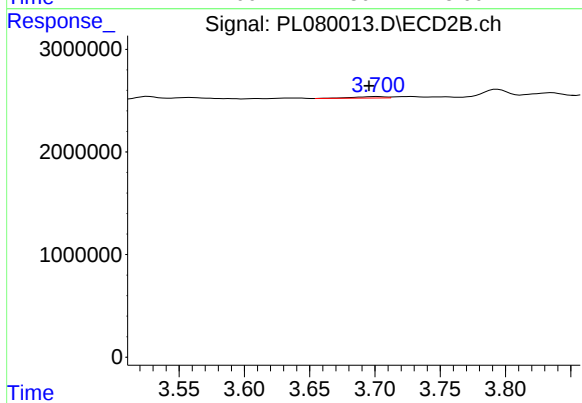
#22 Mirex

R.T.: 6.956 min  
Delta R.T.: 0.001 min  
Response: -362252  
Conc: N.D.



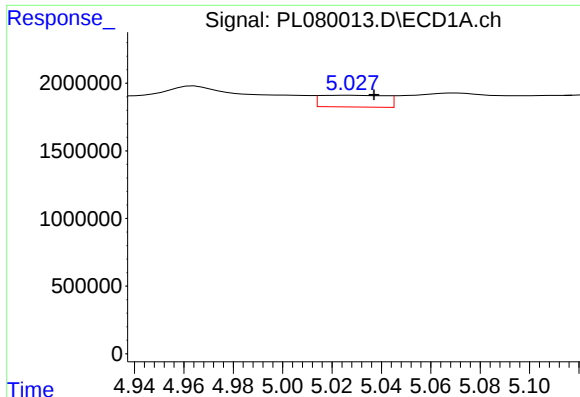
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.511 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

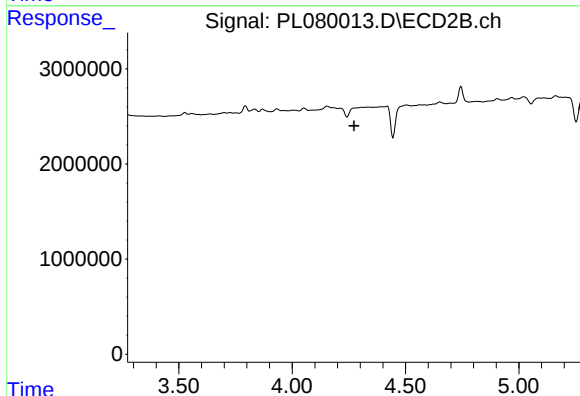
R.T.: 3.701 min  
Delta R.T.: 0.006 min  
Response: 254959  
Conc: 4.05 ng/ml



#24 Chlordane-2

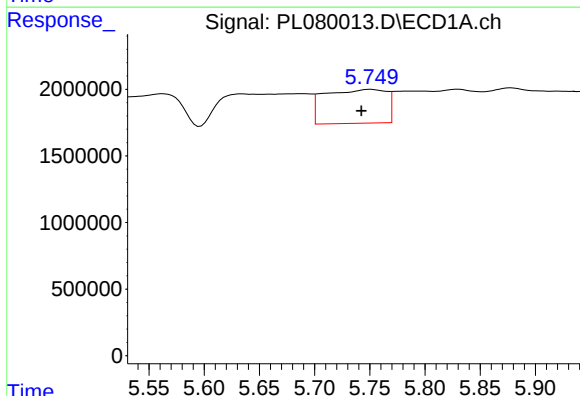
R.T.: 5.027 min  
Delta R.T.: -0.010 min  
Response: 1580851  
Conc: 23.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



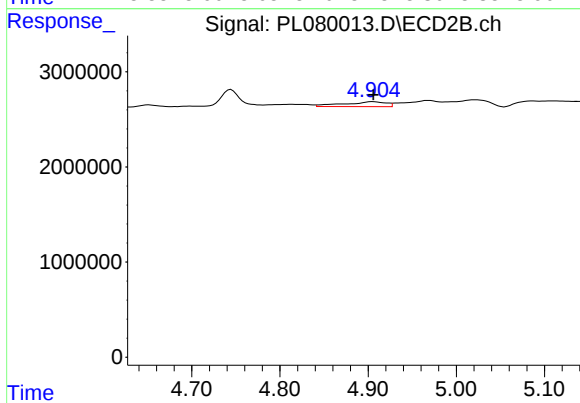
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.274 min  
Response: 0  
Conc: N.D.



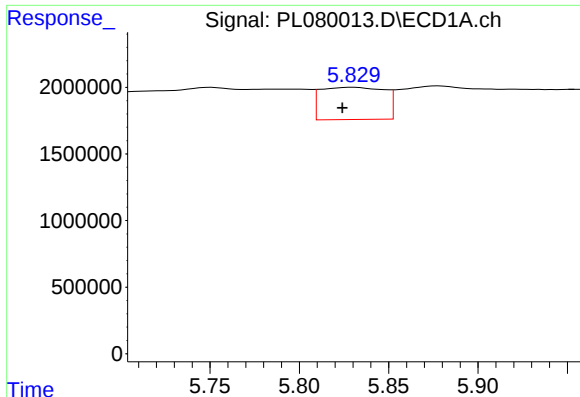
#25 Chlordane-3

R.T.: 5.751 min  
Delta R.T.: 0.008 min  
Response: 9901078  
Conc: 38.90 ng/ml



#25 Chlordane-3

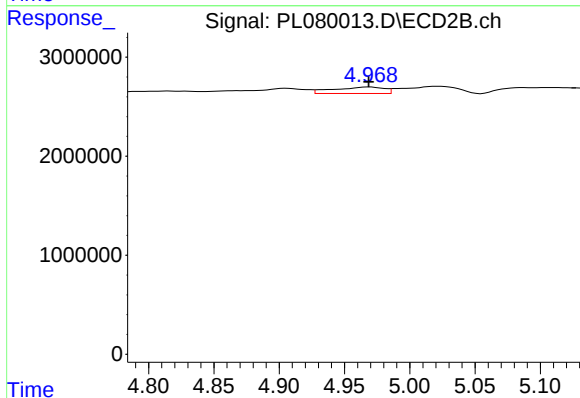
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 1700024  
Conc: 8.39 ng/ml



#26 Chlordane-4

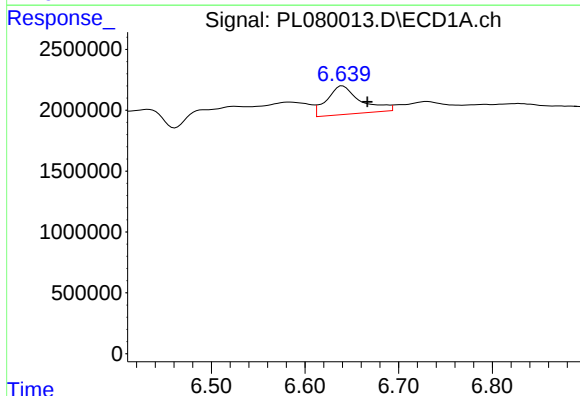
R.T.: 5.830 min  
Delta R.T.: 0.006 min  
Response: 6003450  
Conc: 19.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



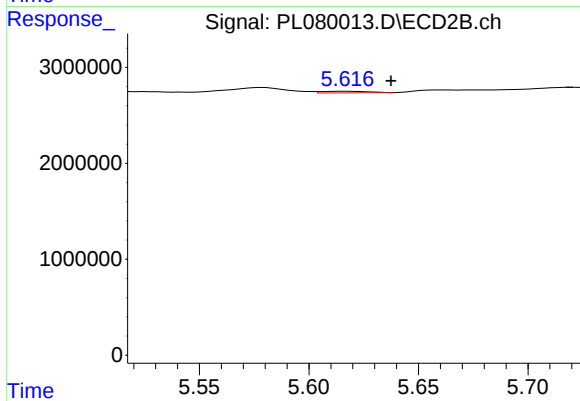
#26 Chlordane-4

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 1757881  
Conc: 8.79 ng/ml



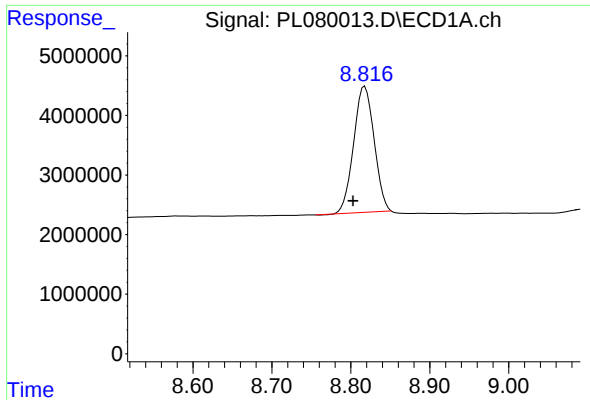
#27 Chlordane-5

R.T.: 6.640 min  
Delta R.T.: -0.026 min  
Response: 5870586  
Conc: 108.44 ng/ml



#27 Chlordane-5

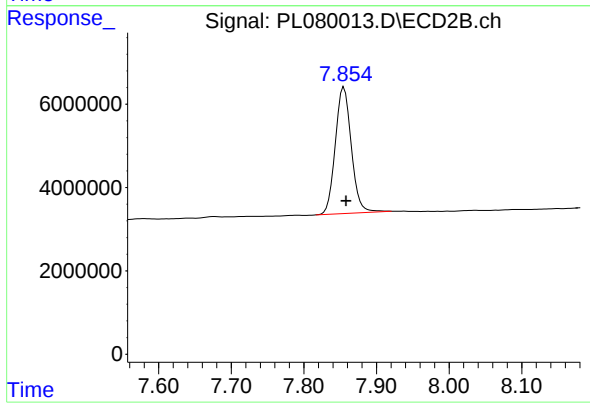
R.T.: 5.617 min  
Delta R.T.: -0.021 min  
Response: 246041  
Conc: 4.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.818 min  
Delta R.T.: 0.015 min  
Response: 38232641  
Conc: 27.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.855 min  
Delta R.T.: -0.003 min  
Response: 46587905  
Conc: 27.86 ng/ml