

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010923\  
 Data File : PL080167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2023 09:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 20:31:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 05:11:24 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... | 3.374  | 2.693  | 37925692 | 40312377 | 19.066  | 17.729  |
| 28)                         | SA Decachlor... | 8.893  | 7.846  | 33553789 | 40238704 | 19.556  | 17.810  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.825  | 3.195  | 26369233 | 25406942 | 9.229   | 7.586   |
| 3)                          | MA gamma-BHC... | 4.156  | 3.523  | 20706401 | 24700469 | 10.536  | 8.054   |
| 5)                          | MB Aldrin       | 0.000  | 4.152  | 0        | 668592   | N.D.    | 0.227 # |
| 6)                          | B beta-BHC      | 4.355  | 3.819  | 9097983  | 11569536 | 9.939   | 8.624   |
| 7)                          | B delta-BHC     | 4.604  | 4.052  | 397860   | 117748   | 0.198   | 0.040 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.024  | 0        | 174647   | N.D.    | 0.067 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.912  | 0        | 406853   | N.D.    | 0.146 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.955  | 0        | 160486   | N.D.    | 0.057 # |
| 12)                         | B 4,4'-DDE      | 6.039  | 5.158  | 342485   | 455611   | 0.218   | 0.196   |
| 14)                         | MA Endrin       | 6.410  | 5.558  | 66964440 | 89531571 | 43.665  | 39.783  |
| 15)                         | B Endosulfa...  | 6.617  | 5.875f | 146373   | 1043275  | 0.095   | 0.481 # |
| 16)                         | A 4,4'-DDD      | 6.560  | 5.711  | 4364738  | 4767990  | 3.316   | 2.584   |
| 17)                         | MA 4,4'-DDT     | 6.878  | 5.962  | 138.6E6  | 179.7E6  | 92.711  | 88.256  |
| 18)                         | B Endrin al...  | 6.764  | 6.033  | 2136558  | 4568399  | 1.758   | 2.602 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.249  | 0        | 372364   | N.D.    | 0.168 # |
| 20)                         | A Methoxychlor  | 7.371  | 6.541  | 198.9E6  | 230.2E6  | 223.632 | 200.869 |
| 21)                         | B Endrin ke...  | 7.485  | 6.759  | 6637749  | 8087727  | 3.730   | 3.319   |
| 22)                         | Mirex           | 7.973f | 0.000  | 47548    | 0        | 0.031   | N.D. #  |
| 25)                         | Chlordane-3     | 0.000  | 4.912  | 0        | 406853   | N.D.    | 1.555 # |
| 26)                         | Chlordane-4     | 0.000  | 4.955  | 0        | 160486   | N.D.    | 0.610 # |
| 27)                         | Chlordane-5     | 6.679f | 5.662f | 2051278  | 477276   | 32.070  | 6.487 # |
| -----                       |                 |        |        |          |          |         |         |

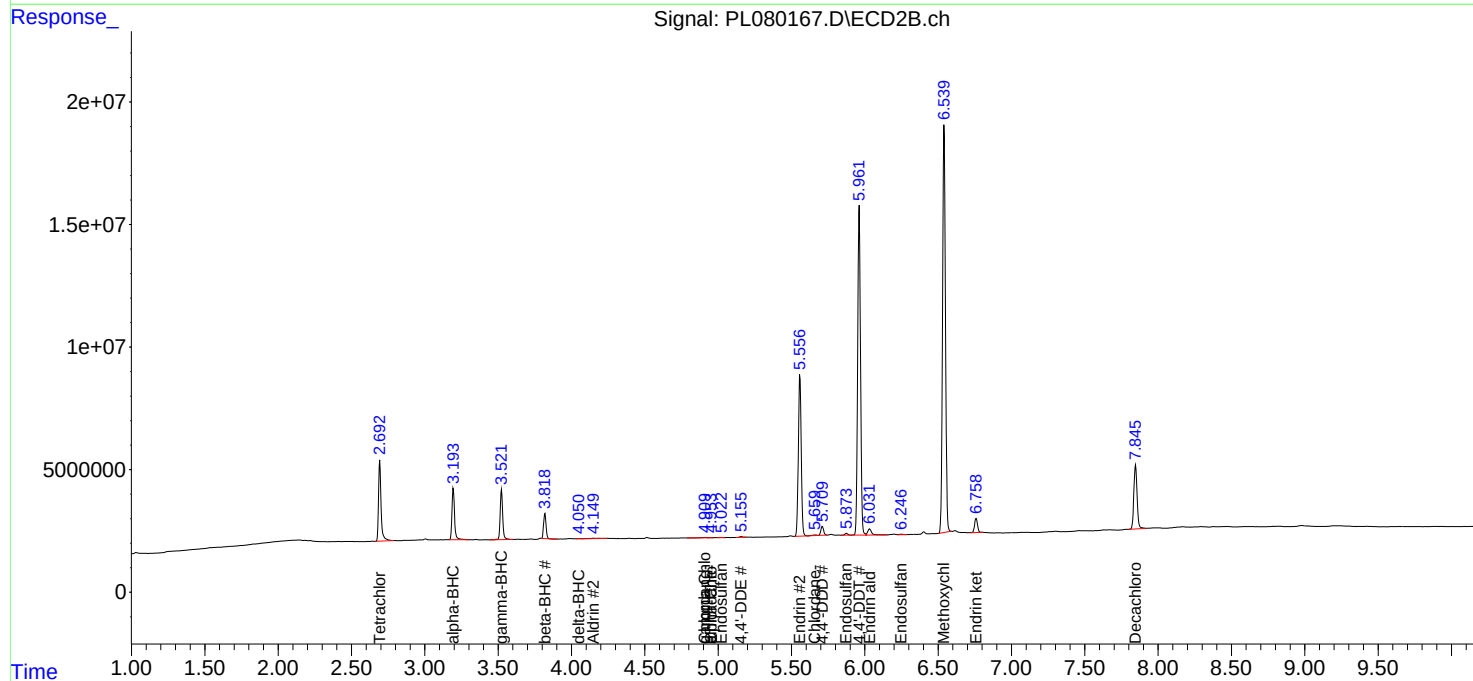
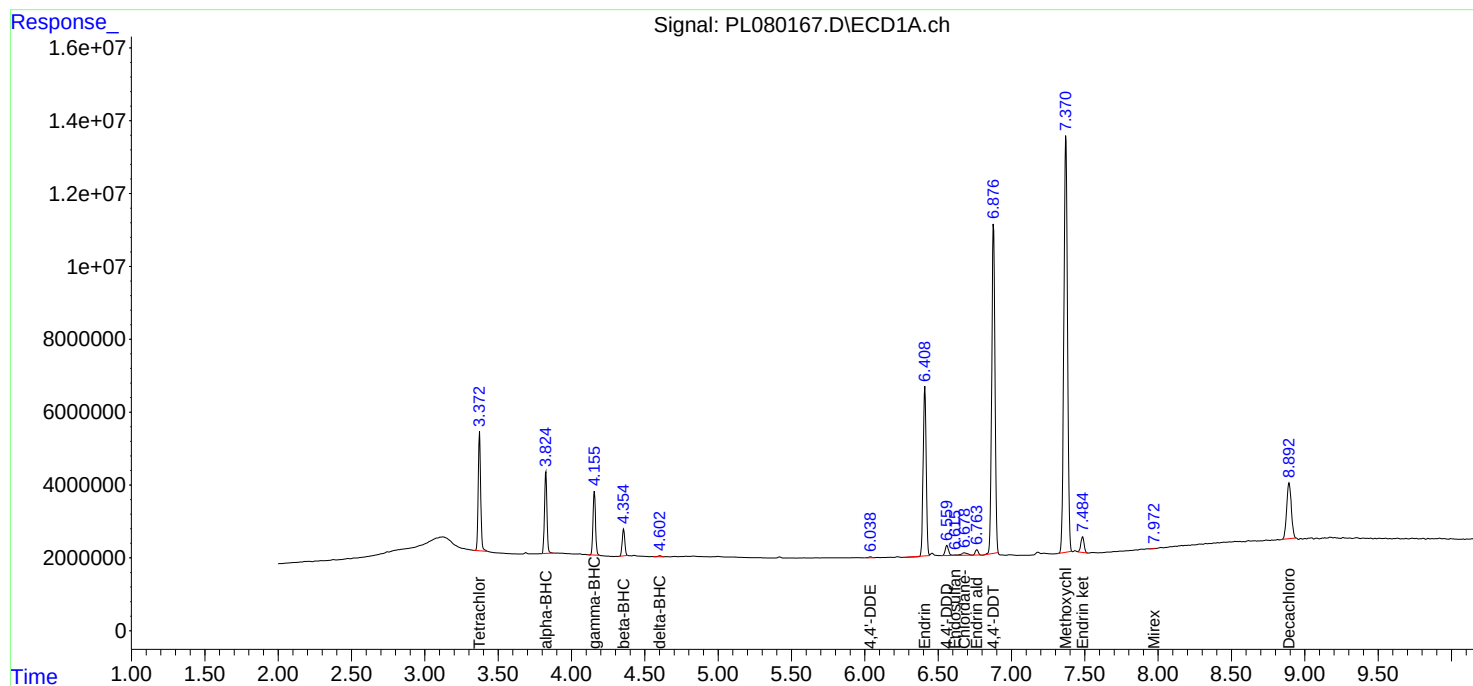
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

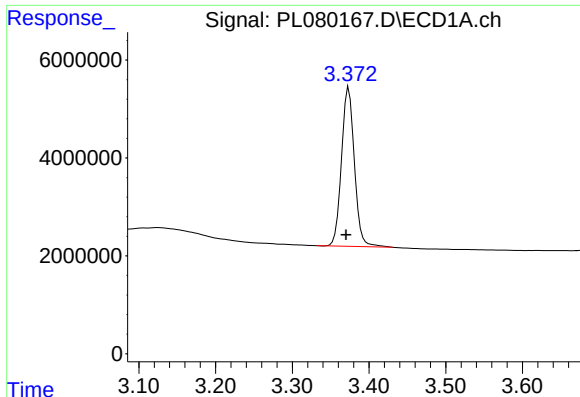
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010923\  
Data File : PL080167.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2023 09:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 20:31:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 05:11:24 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

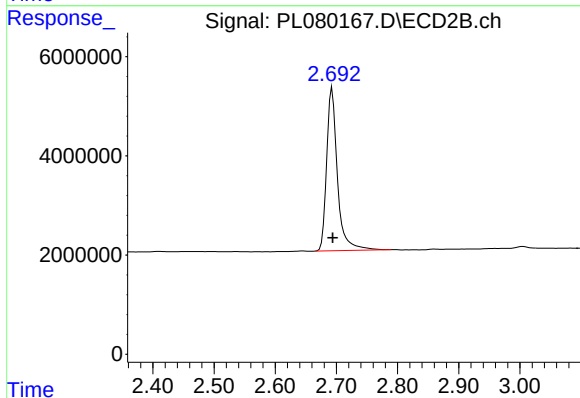




#1 Tetrachloro-m-xylene

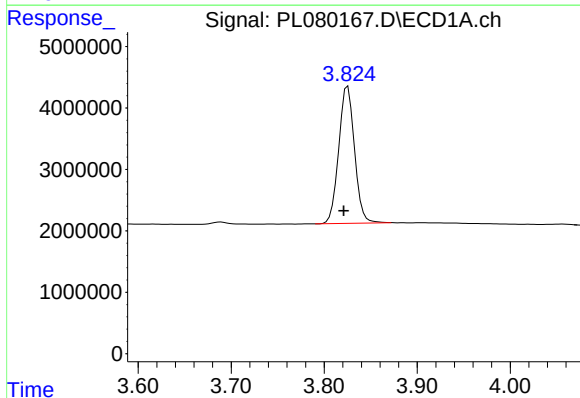
R.T.: 3.374 min  
Delta R.T.: 0.004 min  
Response: 37925692  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



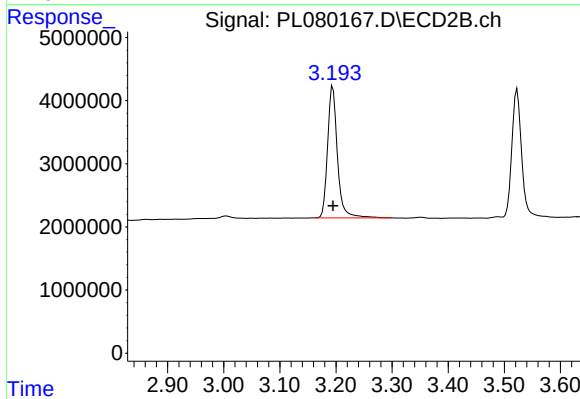
#1 Tetrachloro-m-xylene

R.T.: 2.693 min  
Delta R.T.: 0.000 min  
Response: 40312377  
Conc: 17.73 ng/ml



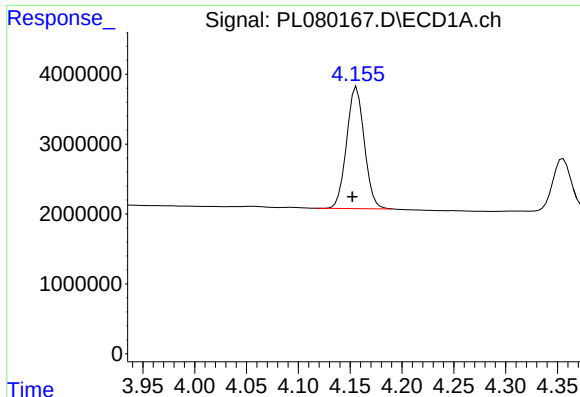
#2 alpha-BHC

R.T.: 3.825 min  
Delta R.T.: 0.004 min  
Response: 26369233  
Conc: 9.23 ng/ml



#2 alpha-BHC

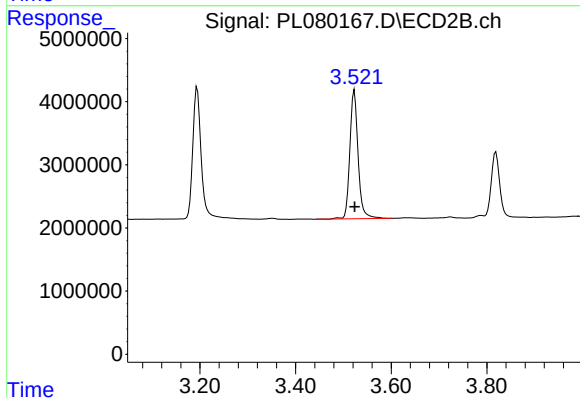
R.T.: 3.195 min  
Delta R.T.: 0.000 min  
Response: 25406942  
Conc: 7.59 ng/ml



#3 gamma-BHC (Lindane)

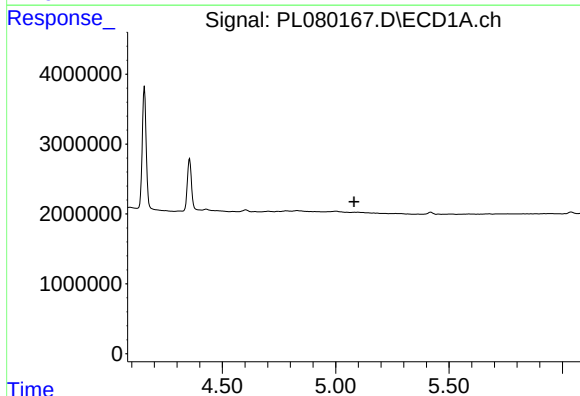
R.T.: 4.156 min  
Delta R.T.: 0.004 min  
Response: 20706401  
Conc: 10.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



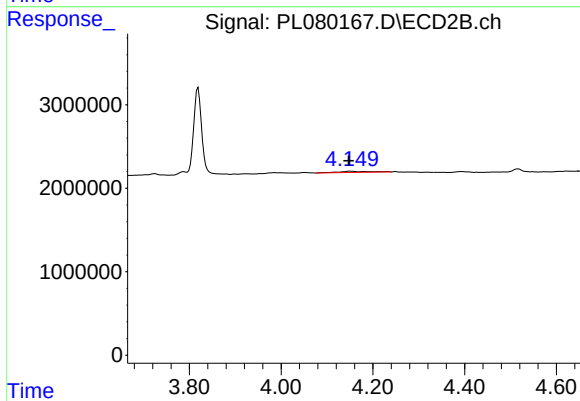
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: -0.001 min  
Response: 24700469  
Conc: 8.05 ng/ml



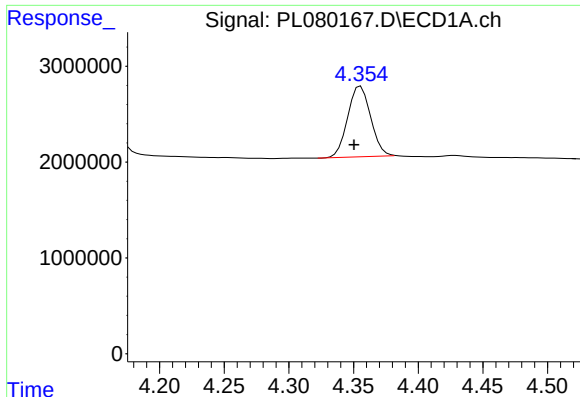
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.082 min  
Response: 0  
Conc: N.D.



#5 Aldrin

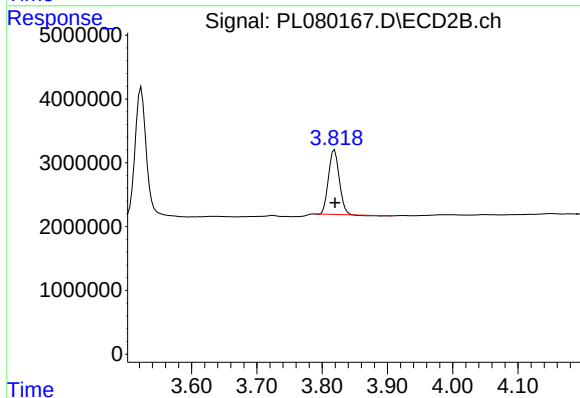
R.T.: 4.152 min  
Delta R.T.: 0.005 min  
Response: 668592  
Conc: 0.23 ng/ml



#6 beta-BHC

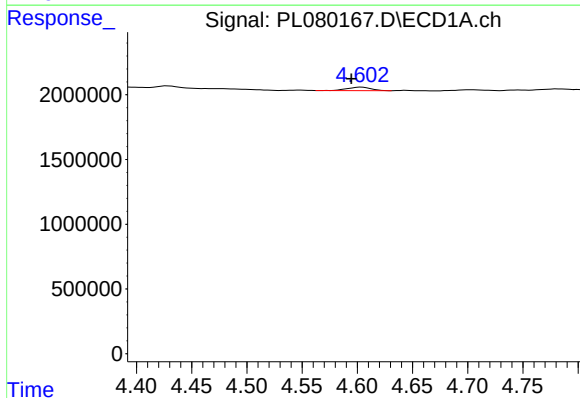
R.T.: 4.355 min  
Delta R.T.: 0.005 min  
Response: 9097983  
Conc: 9.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



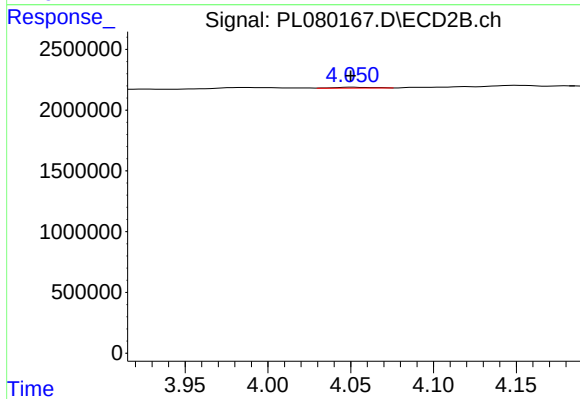
#6 beta-BHC

R.T.: 3.819 min  
Delta R.T.: 0.000 min  
Response: 11569536  
Conc: 8.62 ng/ml



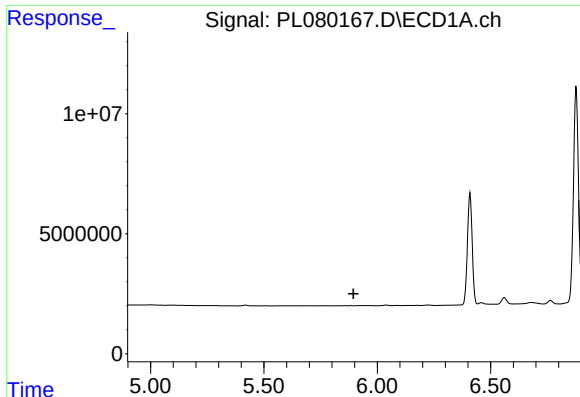
#7 delta-BHC

R.T.: 4.604 min  
Delta R.T.: 0.009 min  
Response: 397860  
Conc: 0.20 ng/ml



#7 delta-BHC

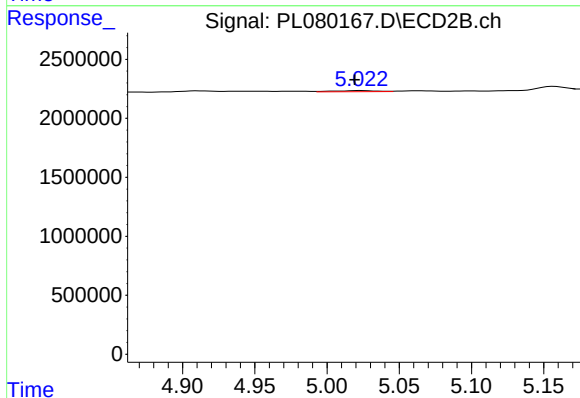
R.T.: 4.052 min  
Delta R.T.: 0.002 min  
Response: 117748  
Conc: 0.04 ng/ml



#9 Endosulfan I

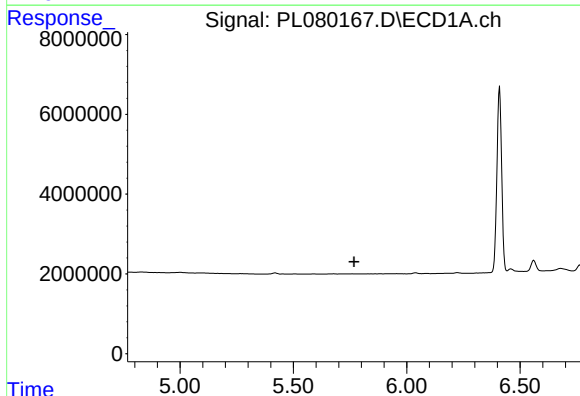
R.T.: 0.000 min  
Exp R.T.: 5.896 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



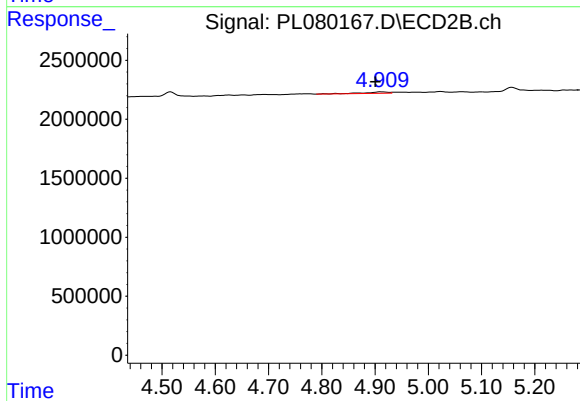
#9 Endosulfan I

R.T.: 5.024 min  
Delta R.T.: 0.004 min  
Response: 174647  
Conc: 0.07 ng/ml



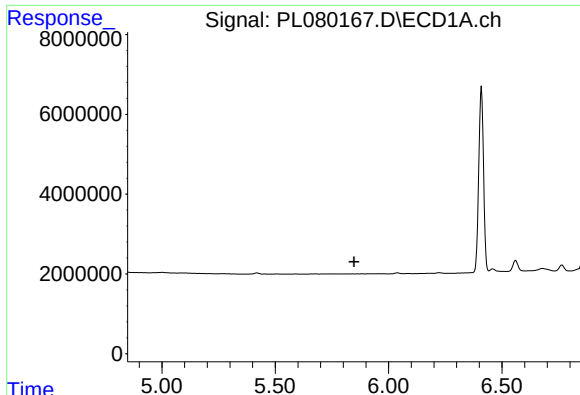
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.768 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

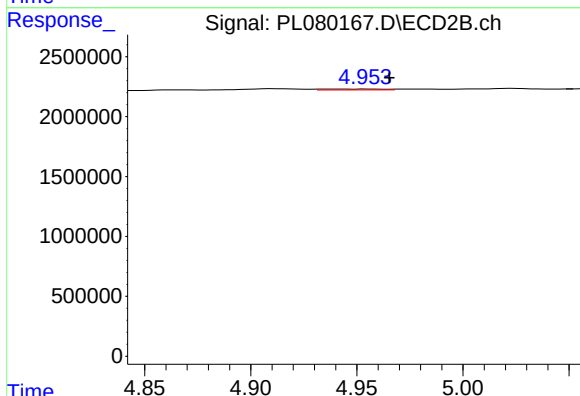
R.T.: 4.912 min  
Delta R.T.: 0.011 min  
Response: 406853  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

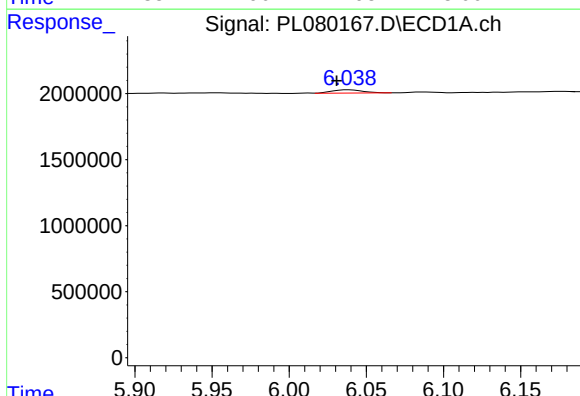
R.T.: 0.000 min  
Exp R.T.: 5.848 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



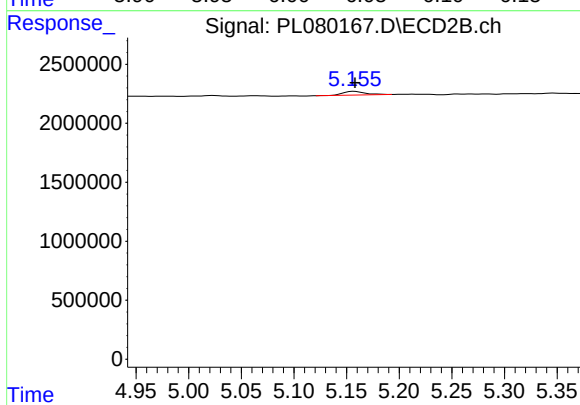
#11 alpha-Chlordane

R.T.: 4.955 min  
Delta R.T.: -0.011 min  
Response: 160486  
Conc: 0.06 ng/ml



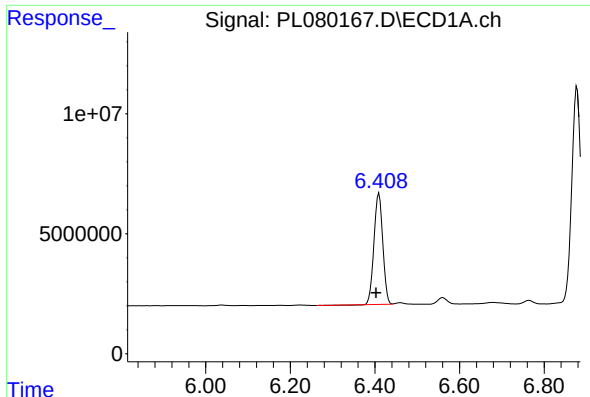
#12 4,4'-DDE

R.T.: 6.039 min  
Delta R.T.: 0.008 min  
Response: 342485  
Conc: 0.22 ng/ml



#12 4,4'-DDE

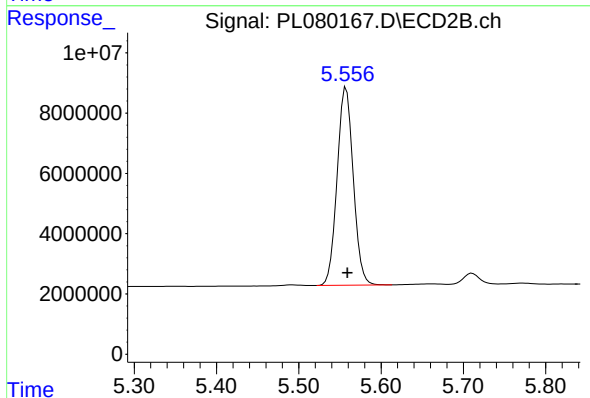
R.T.: 5.158 min  
Delta R.T.: 0.000 min  
Response: 455611  
Conc: 0.20 ng/ml



#14 Endrin

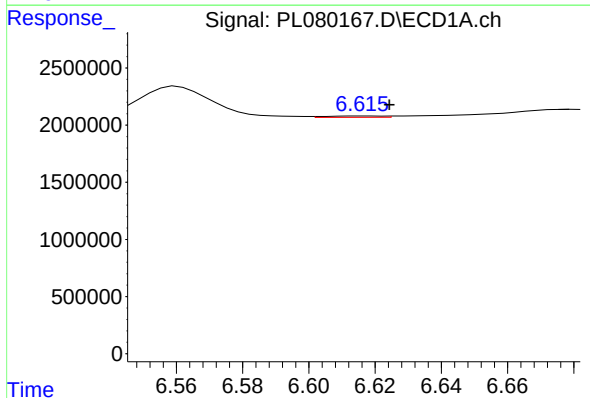
R.T.: 6.410 min  
Delta R.T.: 0.007 min  
Response: 66964440  
Conc: 43.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



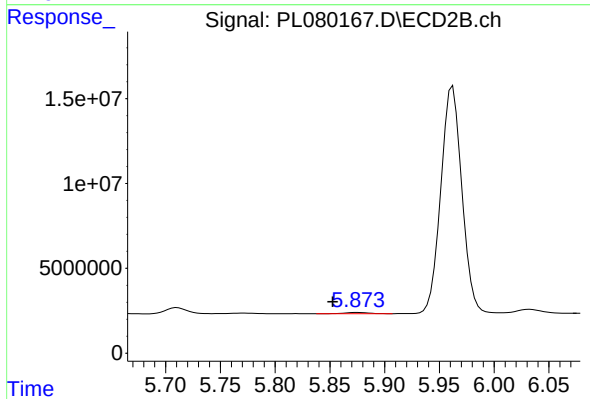
#14 Endrin

R.T.: 5.558 min  
Delta R.T.: -0.001 min  
Response: 89531571  
Conc: 39.78 ng/ml



#15 Endosulfan II

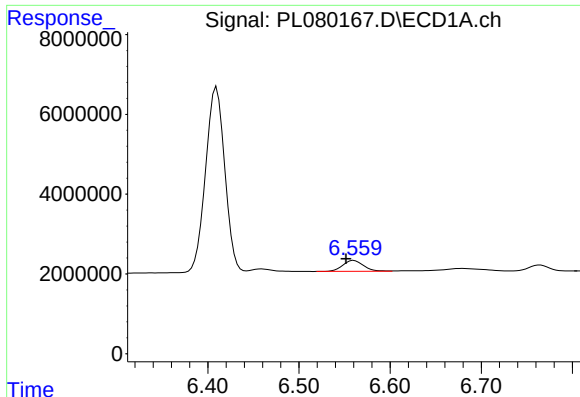
R.T.: 6.617 min  
Delta R.T.: -0.007 min  
Response: 146373  
Conc: 0.10 ng/ml



#15 Endosulfan II

R.T.: 5.875 min  
Delta R.T.: 0.022 min  
Response: 1043275  
Conc: 0.48 ng/ml

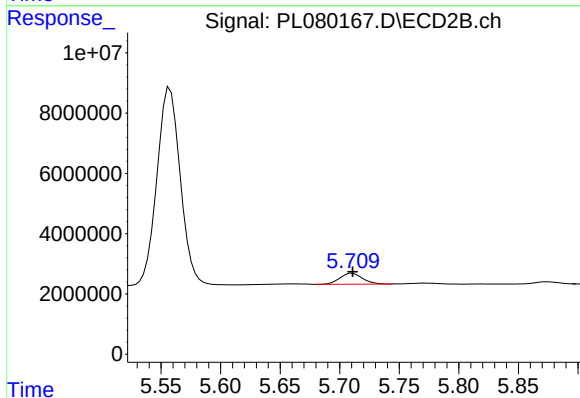




#16 4,4'-DDD

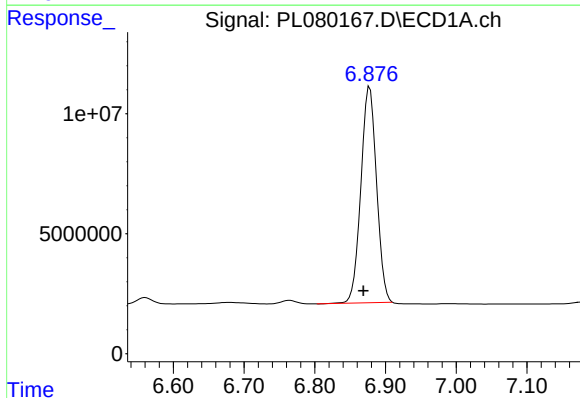
R.T.: 6.560 min  
Delta R.T.: 0.008 min  
Response: 4364738  
Conc: 3.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



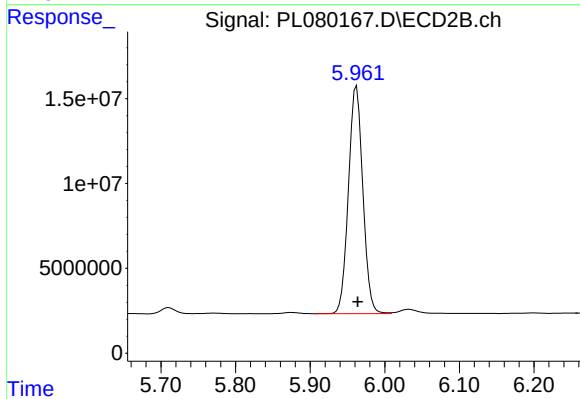
#16 4,4'-DDD

R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 4767990  
Conc: 2.58 ng/ml



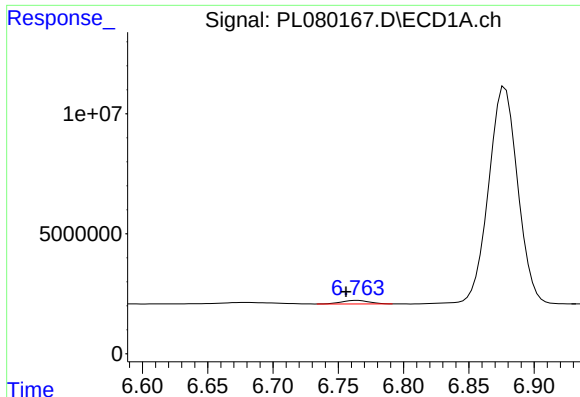
#17 4,4'-DDT

R.T.: 6.878 min  
Delta R.T.: 0.009 min  
Response: 138599187  
Conc: 92.71 ng/ml



#17 4,4'-DDT

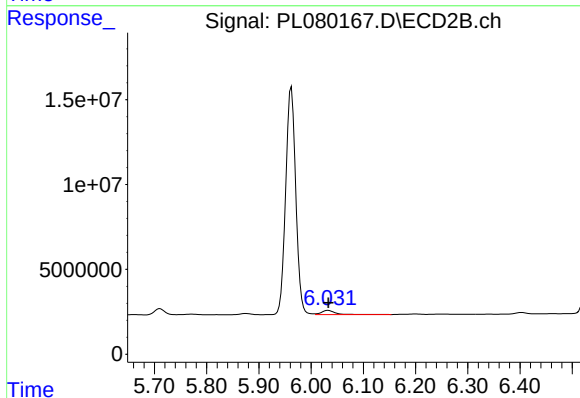
R.T.: 5.962 min  
Delta R.T.: -0.002 min  
Response: 179707951  
Conc: 88.26 ng/ml



#18 Endrin aldehyde

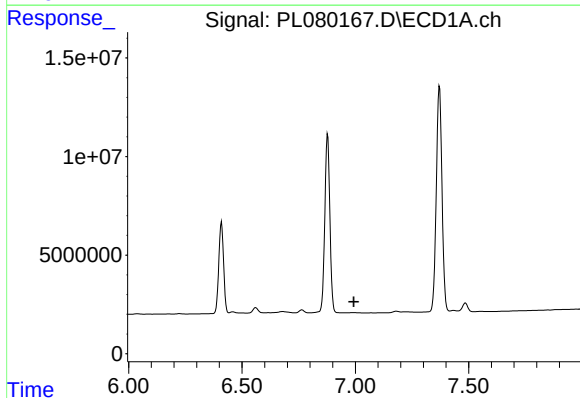
R.T.: 6.764 min  
Delta R.T.: 0.008 min  
Response: 2136558  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



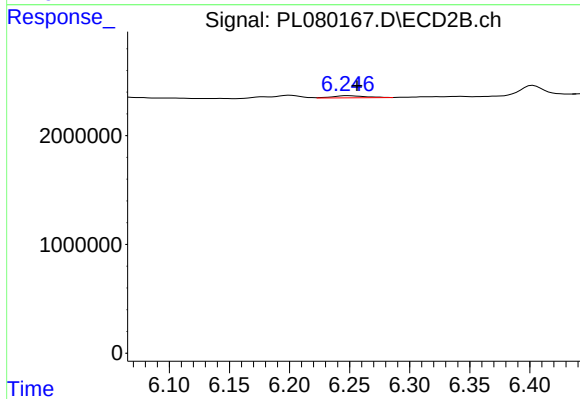
#18 Endrin aldehyde

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 4568399  
Conc: 2.60 ng/ml



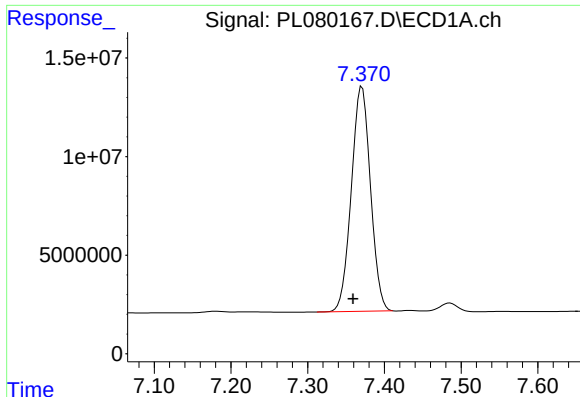
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.993 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

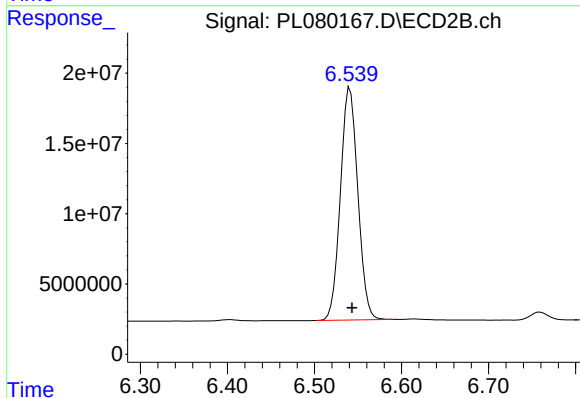
R.T.: 6.249 min  
Delta R.T.: -0.007 min  
Response: 372364  
Conc: 0.17 ng/ml



#20 Methoxychlor

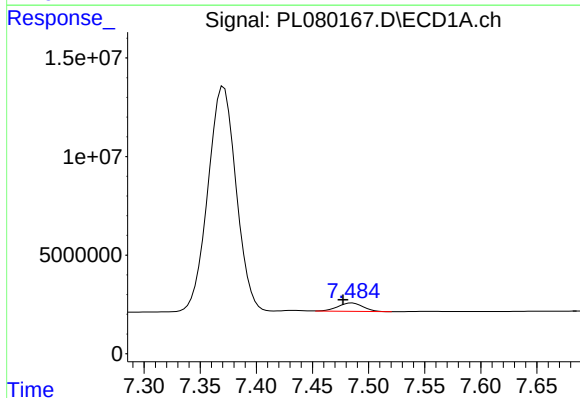
R.T.: 7.371 min  
Delta R.T.: 0.012 min  
Response: 198867555  
Conc: 223.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



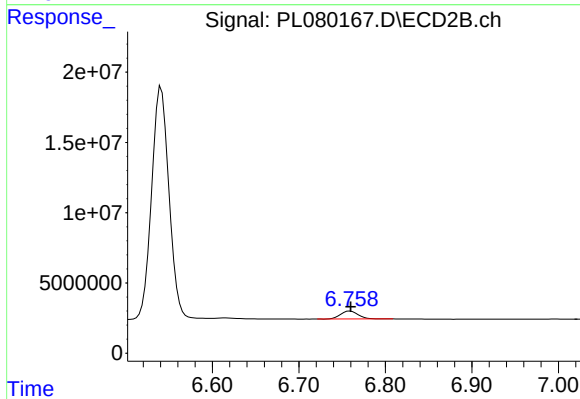
#20 Methoxychlor

R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 230211391  
Conc: 200.87 ng/ml



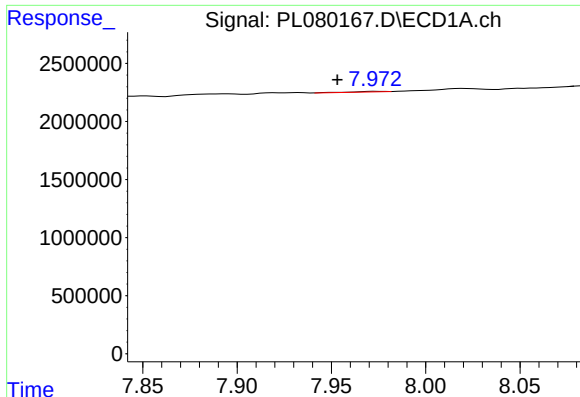
#21 Endrin ketone

R.T.: 7.485 min  
Delta R.T.: 0.008 min  
Response: 6637749  
Conc: 3.73 ng/ml



#21 Endrin ketone

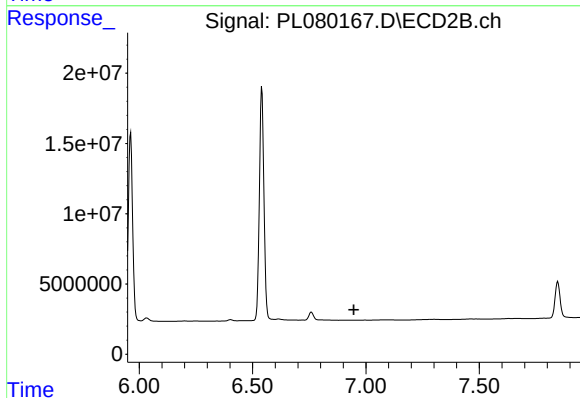
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 8087727  
Conc: 3.32 ng/ml



#22 Mirex

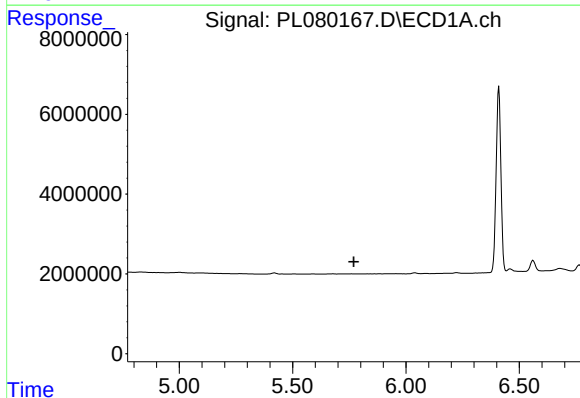
R.T.: 7.973 min  
Delta R.T.: 0.020 min  
Response: 47548  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



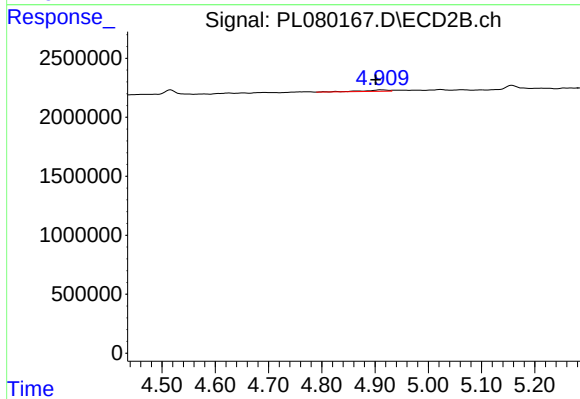
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.946 min  
Response: 0  
Conc: N.D.



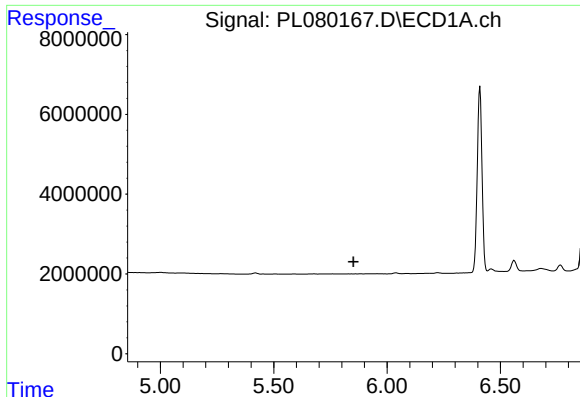
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.770 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

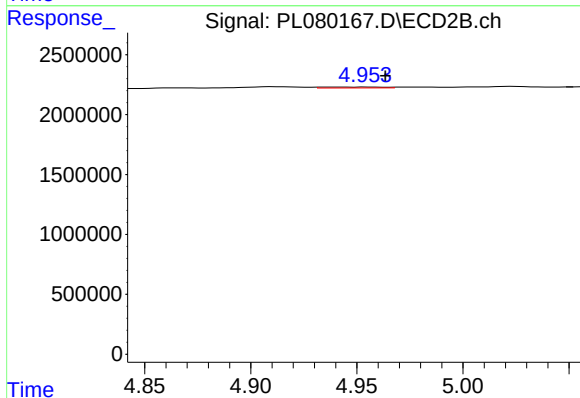
R.T.: 4.912 min  
Delta R.T.: 0.011 min  
Response: 406853  
Conc: 1.56 ng/ml



#26 Chlordane-4

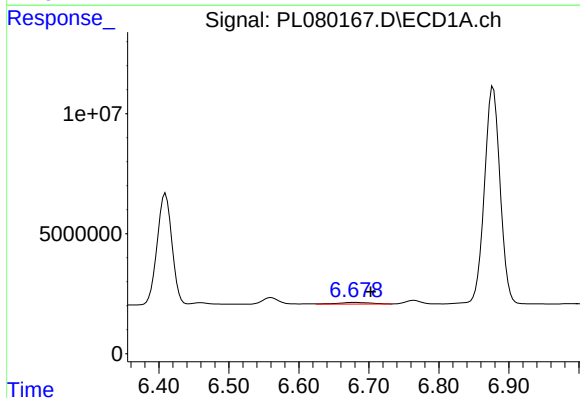
R.T.: 0.000 min  
Exp R.T.: 5.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



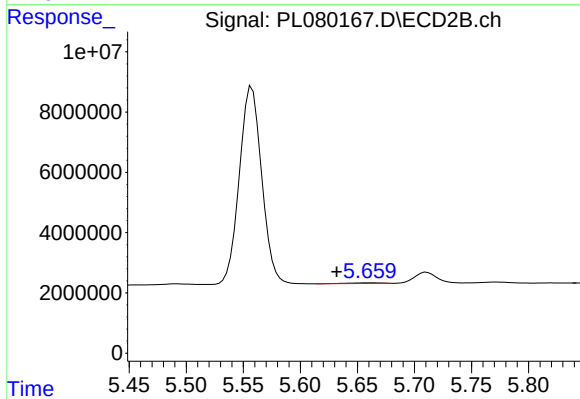
#26 Chlordane-4

R.T.: 4.955 min  
Delta R.T.: -0.009 min  
Response: 160486  
Conc: 0.61 ng/ml



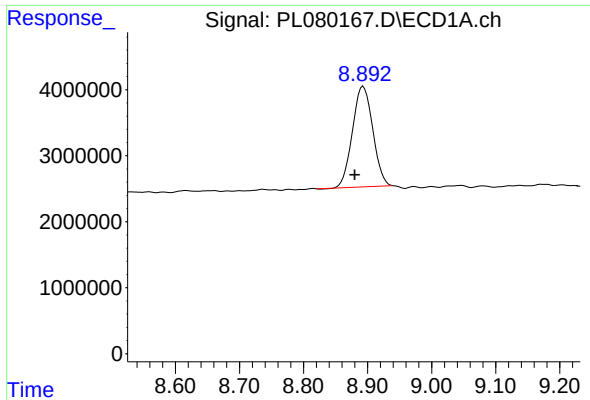
#27 Chlordane-5

R.T.: 6.679 min  
Delta R.T.: -0.023 min  
Response: 2051278  
Conc: 32.07 ng/ml



#27 Chlordane-5

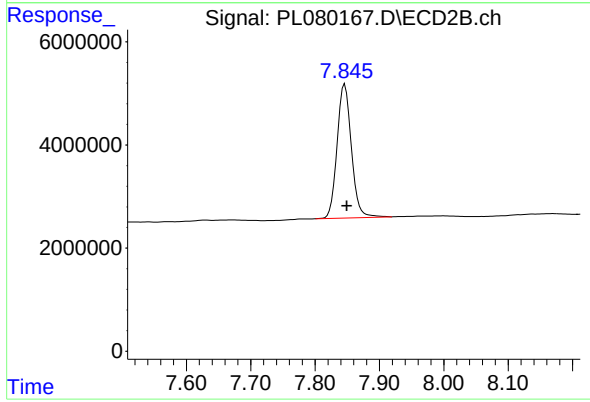
R.T.: 5.662 min  
Delta R.T.: 0.030 min  
Response: 477276  
Conc: 6.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: 0.013 min  
Response: 33553789  
Conc: 19.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.846 min  
Delta R.T.: -0.003 min  
Response: 40238704  
Conc: 17.81 ng/ml