

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 21:12  
 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: Dec 22 01:36:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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...          | 3.422  | 2.677  | 60244644 | 25113219 | 16.008  | 14.919  |
| 28) SA Decachlor...         | 8.980  | 7.866  | 56721036 | 25311363 | 16.634  | 14.986  |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 3.877  | 3.181  | 40799128 | 15760395 | 7.536   | 6.413   |
| 3) MA gamma-BHC...          | 4.211  | 3.512  | 39662982 | 16080541 | 7.547   | 6.638   |
| 4) MA Heptachlor            | 0.000  | 3.885f | 0        | 30774    | N.D.    | 0.013 # |
| 5) MB Aldrin                | 0.000  | 4.148  | 0        | 159941   | N.D.    | 0.067 # |
| 6) B beta-BHC               | 4.411  | 3.814  | 19788784 | 8207917  | 8.616   | 7.885   |
| 7) B delta-BHC              | 0.000  | 4.042  | 0        | 28258    | N.D.    | 0.012 # |
| 8) B Heptachlo...           | 0.000  | 4.650  | 0        | 8592     | N.D.    | 0.004 # |
| 9) A Endosulfan I           | 0.000  | 5.024  | 0        | 16957999 | N.D.    | 7.847 # |
| 10) B gamma-Chl...          | 0.000  | 4.910  | 0        | 748430   | N.D.    | 0.327 # |
| 12) B 4,4'-DDE              | 6.094  | 5.158  | 845067   | -62862   | 0.204   | N.D. #  |
| 13) MA Dieldrin             | 6.279f | 5.289  | 1078167  | 1052687  | 0.232   | 0.473 # |
| 14) MA Endrin               | 6.471  | 5.557  | 127.3E6  | 64061175 | 33.089  | 32.101  |
| 15) B Endosulfa...          | 6.725f | 5.886f | 174836   | 183655   | 0.044   | 0.094 # |
| 16) A 4,4'-DDD              | 6.617  | 5.717  | 4685444  | 2230059  | 1.418   | 1.347   |
| 17) MA 4,4'-DDT             | 6.934  | 5.971  | 264.7E6  | 124.9E6  | 70.382  | 67.710  |
| 18) B Endrin al...          | 6.825  | 6.037  | 4411585  | 2886277  | 1.522   | 1.967 # |
| 19) B Endosulfa...          | 0.000  | 6.266  | 0        | 26181    | N.D.    | 0.014 # |
| 20) A Methoxychlor          | 7.419  | 6.556  | 346.1E6  | 161.9E6  | 177.511 | 158.472 |
| 21) B Endrin ke...          | 7.547  | 6.766  | 7144403  | 4403360  | 1.756   | 2.069   |
| 22) Mirex                   | 8.055f | 6.936f | 641791   | 101054   | 0.191   | 0.057 # |
| 23) Chlordane-1             | 0.000  | 3.684  | 0        | 42122    | N.D.    | 0.679 # |
| 24) Chlordane-2             | 0.000  | 4.255  | 0        | 312141   | N.D.    | 4.066 # |
| 25) Chlordane-3             | 0.000  | 4.910  | 0        | 748430   | N.D.    | 3.386 # |
| 27) Chlordane-5             | 0.000  | 5.636  | 0        | 40085    | N.D.    | 0.620 # |
| -----                       |        |        |          |          |         |         |

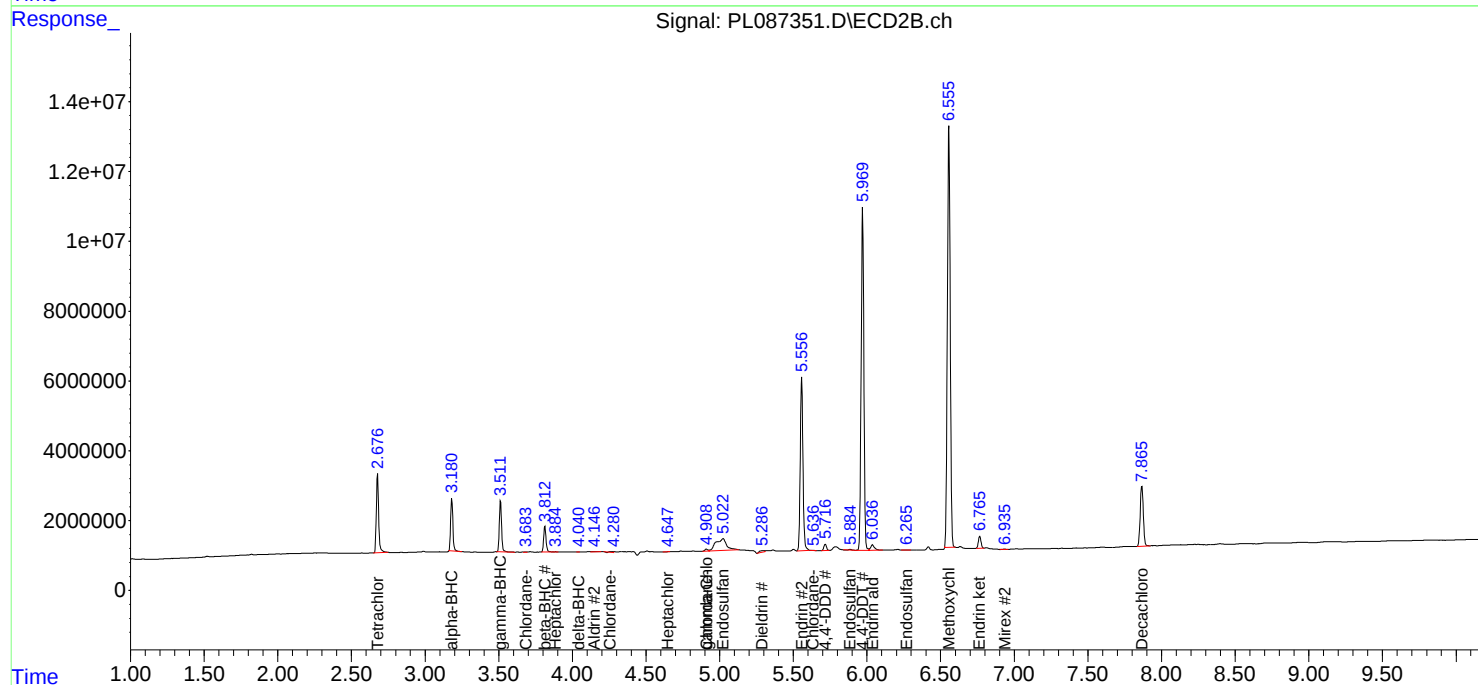
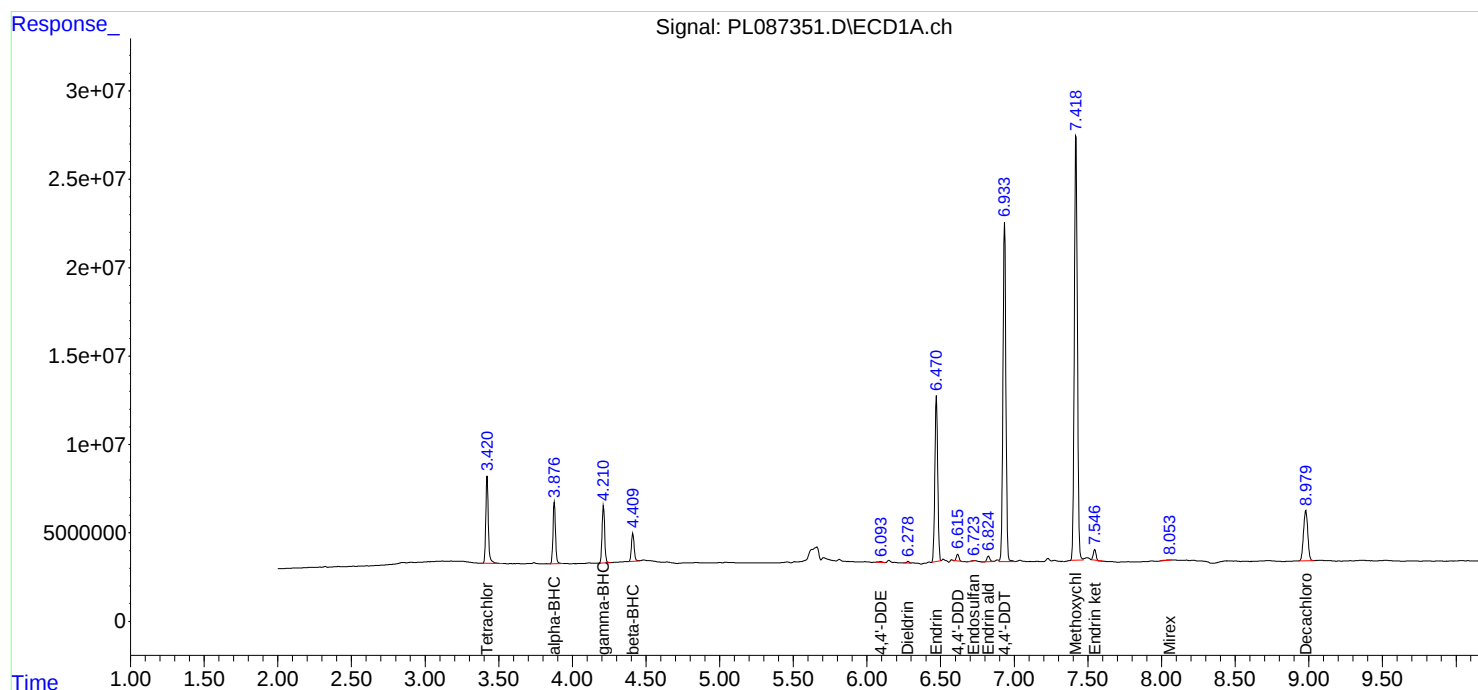
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

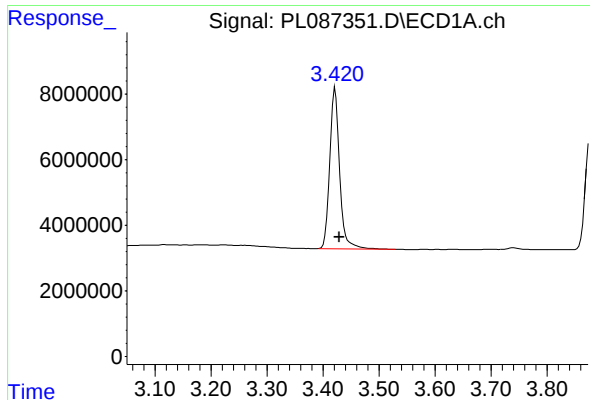
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 21:12  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 01:36:08 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

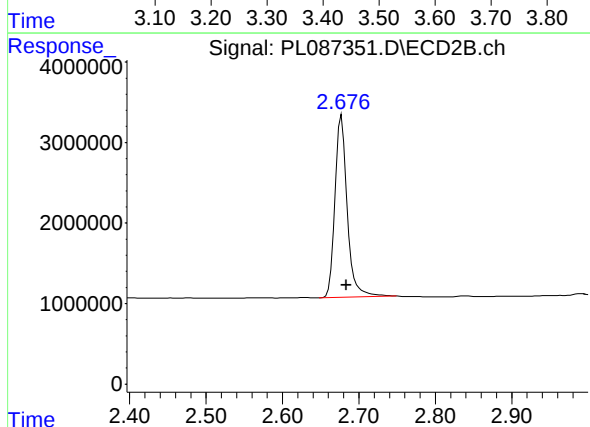




#1 Tetrachloro-m-xylene

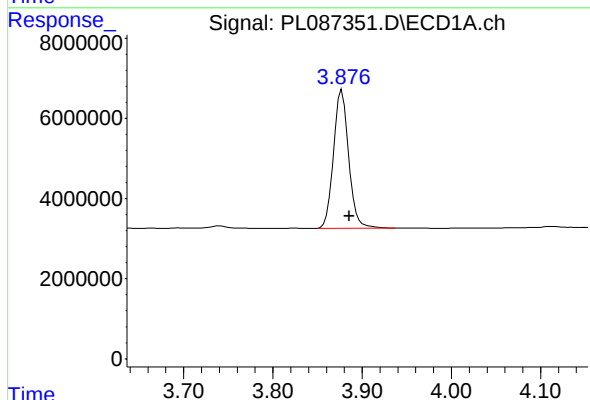
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 60244644  
Conc: 16.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



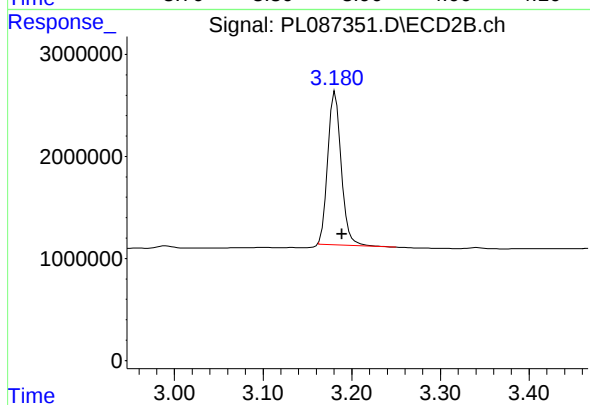
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 25113219  
Conc: 14.92 ng/ml



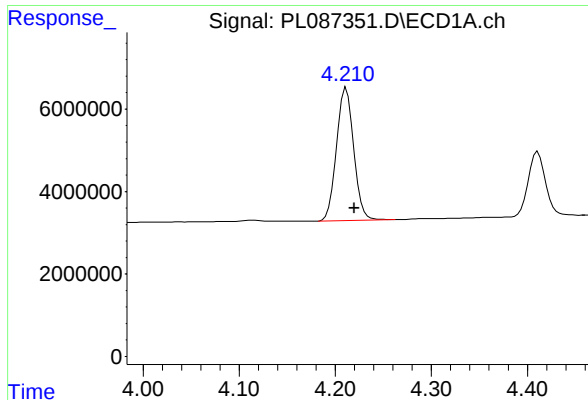
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: -0.008 min  
Response: 40799128  
Conc: 7.54 ng/ml



#2 alpha-BHC

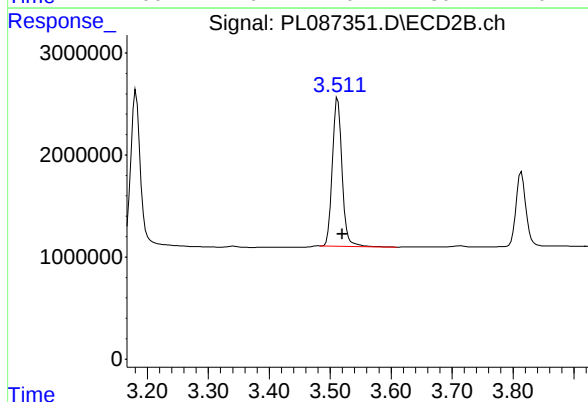
R.T.: 3.181 min  
Delta R.T.: -0.007 min  
Response: 15760395  
Conc: 6.41 ng/ml



#3 gamma-BHC (Lindane)

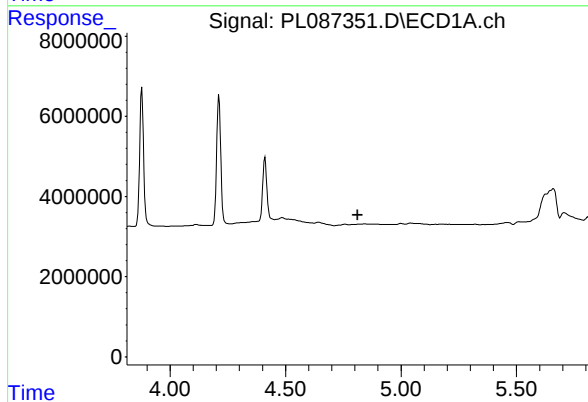
R.T.: 4.211 min  
Delta R.T.: -0.008 min  
Response: 39662982  
Conc: 7.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



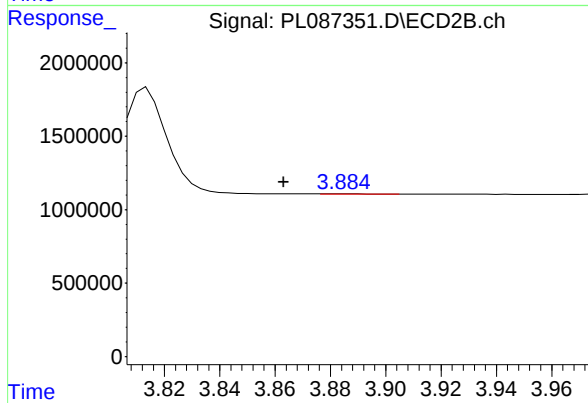
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: -0.008 min  
Response: 16080541  
Conc: 6.64 ng/ml



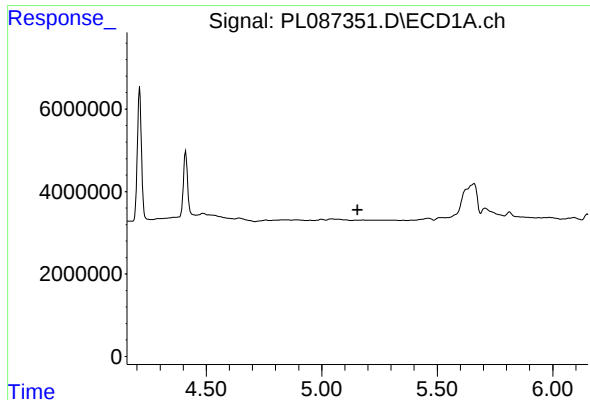
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.813 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

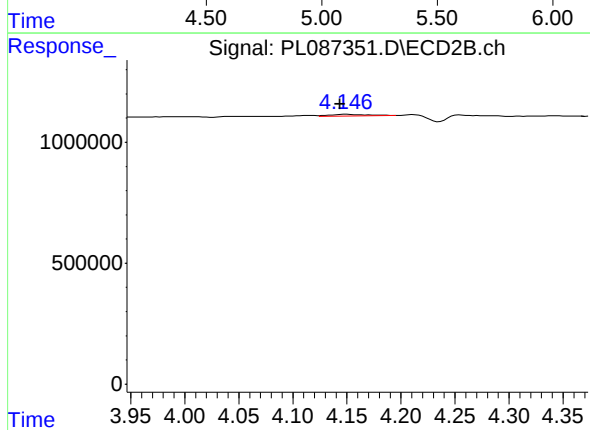
R.T.: 3.885 min  
Delta R.T.: 0.022 min  
Response: 30774  
Conc: 0.01 ng/ml



#5 Aldrin

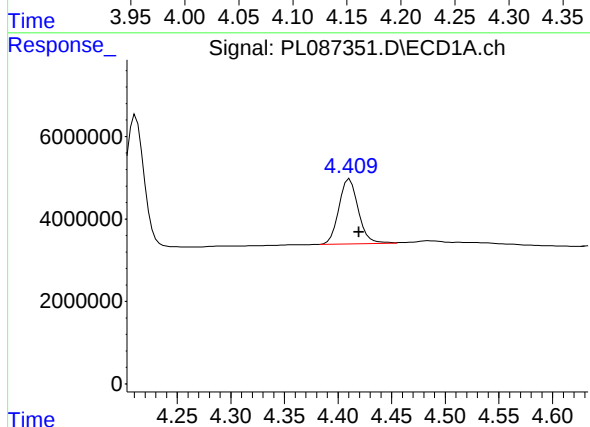
R.T.: 0.000 min  
Exp R.T.: 5.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



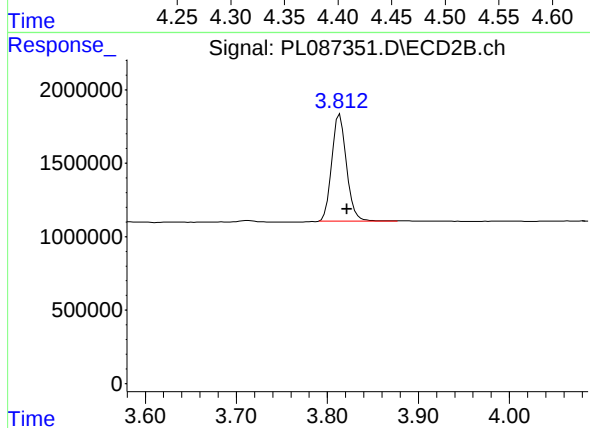
#5 Aldrin

R.T.: 4.148 min  
Delta R.T.: 0.005 min  
Response: 159941  
Conc: 0.07 ng/ml



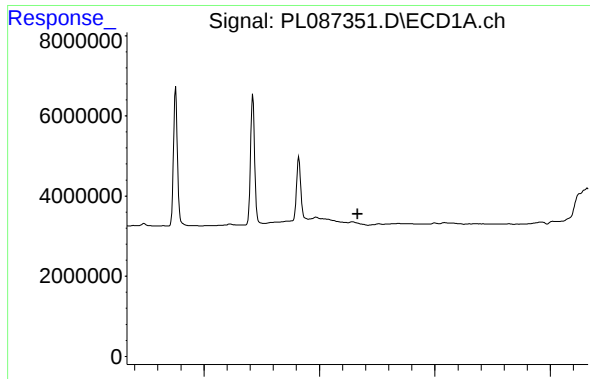
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: -0.009 min  
Response: 19788784  
Conc: 8.62 ng/ml



#6 beta-BHC

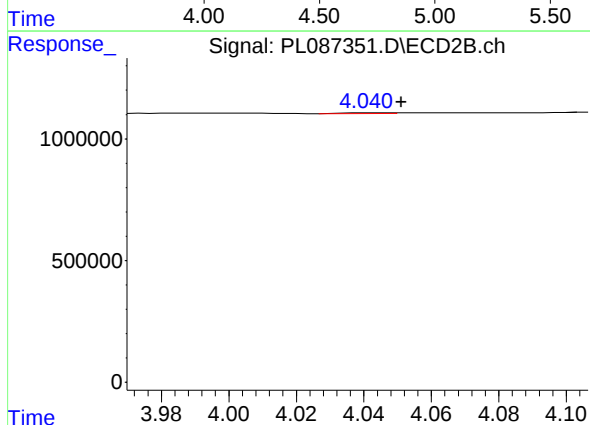
R.T.: 3.814 min  
Delta R.T.: -0.008 min  
Response: 8207917  
Conc: 7.88 ng/ml



#7 delta-BHC

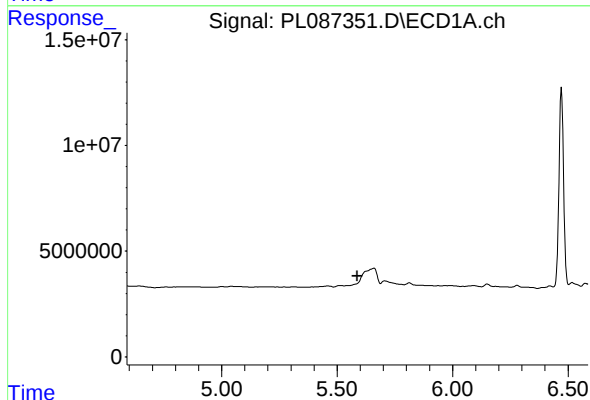
R.T.: 0.000 min  
Exp R.T.: 4.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



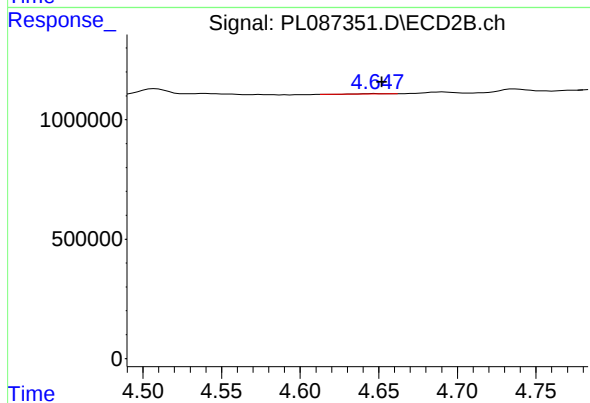
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.009 min  
Response: 28258  
Conc: 0.01 ng/ml



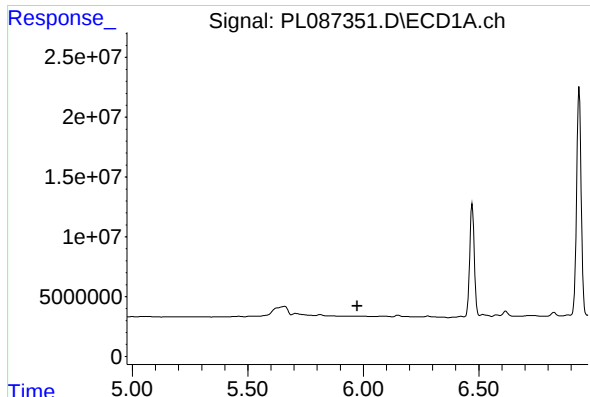
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.587 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

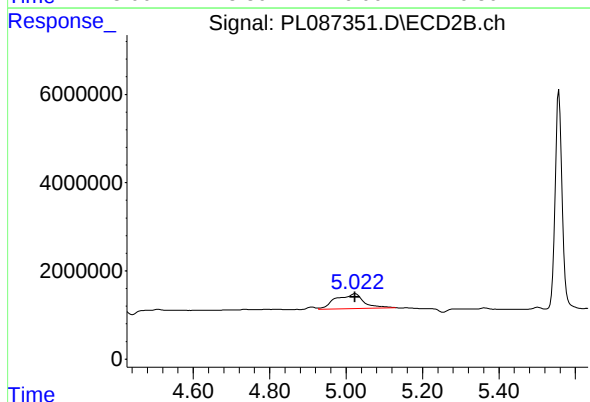
R.T.: 4.650 min  
Delta R.T.: -0.003 min  
Response: 8592  
Conc: 0.00 ng/ml



#9 Endosulfan I

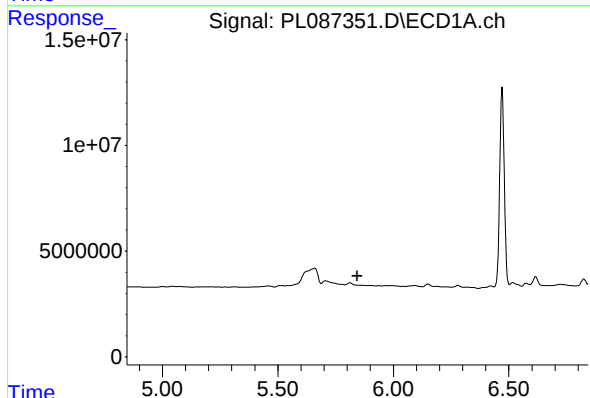
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



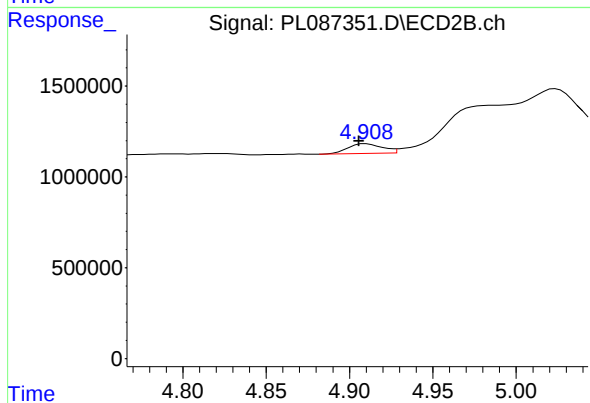
#9 Endosulfan I

R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 16957999  
Conc: 7.85 ng/ml



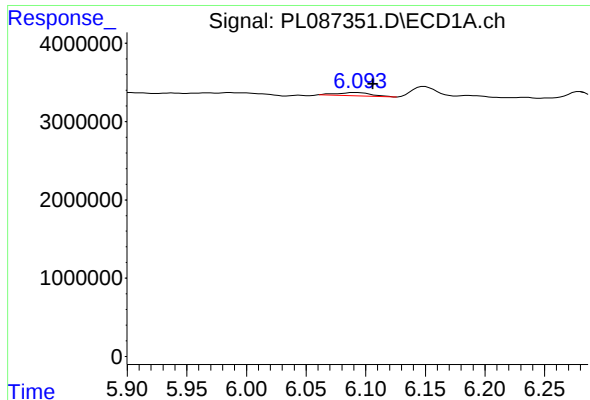
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

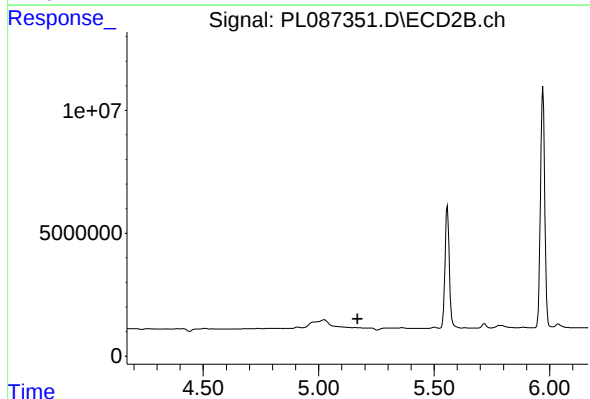
R.T.: 4.910 min  
Delta R.T.: 0.004 min  
Response: 748430  
Conc: 0.33 ng/ml



#12 4,4'-DDE

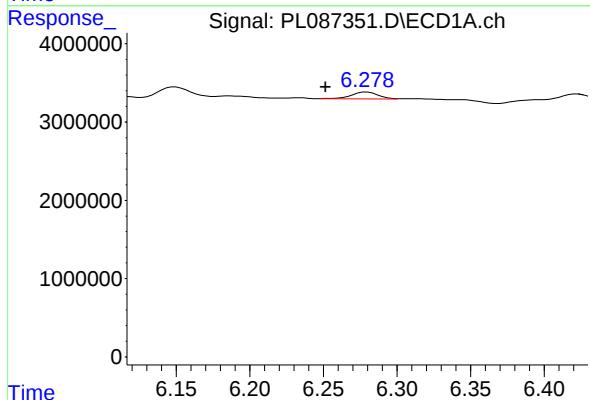
R.T.: 6.094 min  
Delta R.T.: -0.012 min  
Response: 845067  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



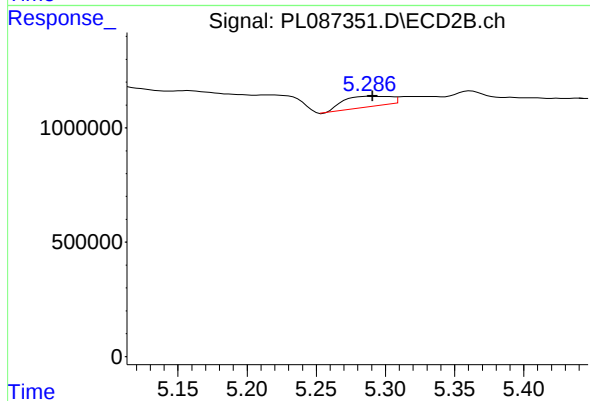
#12 4,4'-DDE

R.T.: 5.158 min  
Delta R.T.: -0.011 min  
Response: -62862  
Conc: N.D.



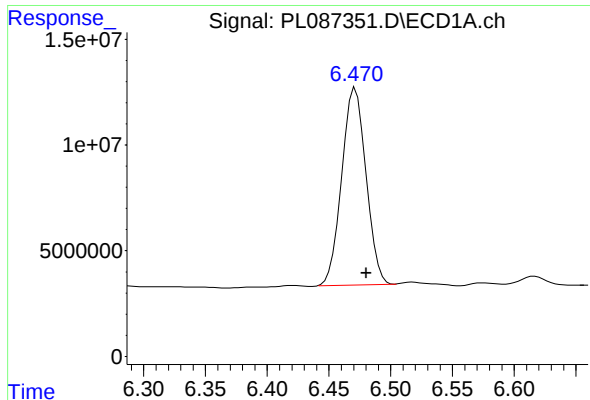
#13 Dieldrin

R.T.: 6.279 min  
Delta R.T.: 0.028 min  
Response: 1078167  
Conc: 0.23 ng/ml



#13 Dieldrin

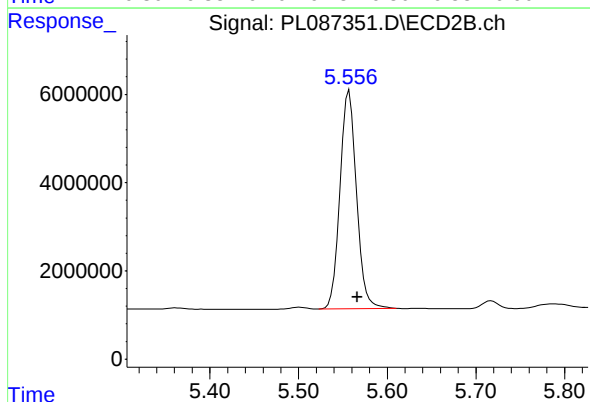
R.T.: 5.289 min  
Delta R.T.: -0.002 min  
Response: 1052687  
Conc: 0.47 ng/ml



#14 Endrin

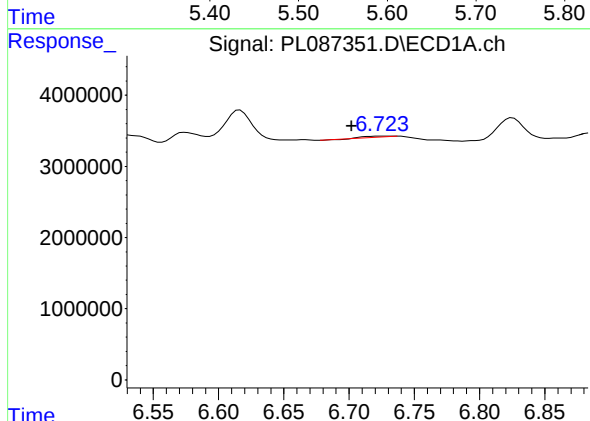
R.T.: 6.471 min  
Delta R.T.: -0.009 min  
Response: 127306191  
Conc: 33.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



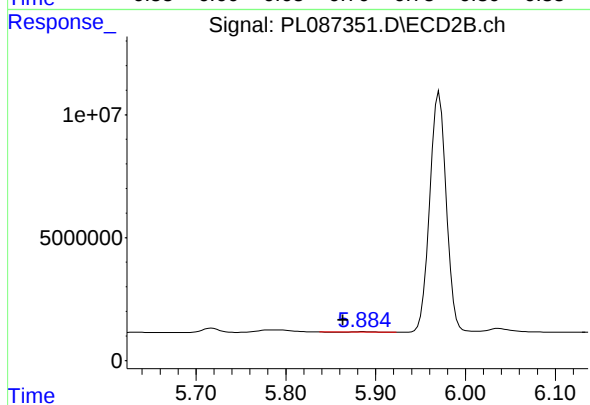
#14 Endrin

R.T.: 5.557 min  
Delta R.T.: -0.009 min  
Response: 64061175  
Conc: 32.10 ng/ml



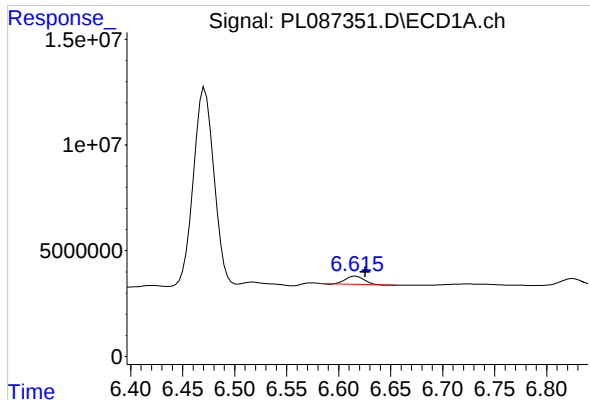
#15 Endosulfan II

R.T.: 6.725 min  
Delta R.T.: 0.023 min  
Response: 174836  
Conc: 0.04 ng/ml



#15 Endosulfan II

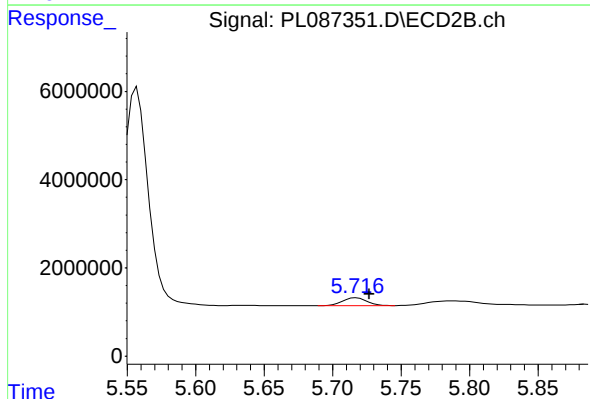
R.T.: 5.886 min  
Delta R.T.: 0.022 min  
Response: 183655  
Conc: 0.09 ng/ml



#16 4,4'-DDD

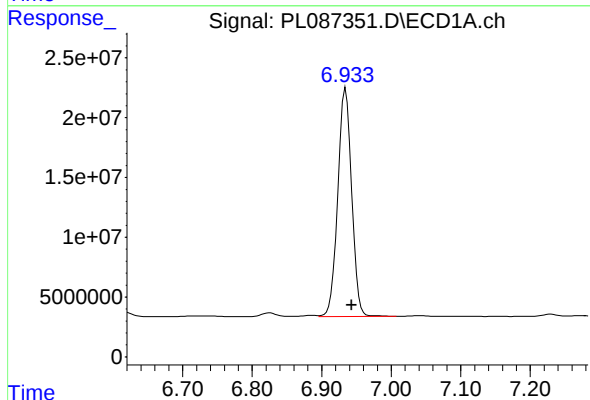
R.T.: 6.617 min  
Delta R.T.: -0.009 min  
Response: 4685444  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



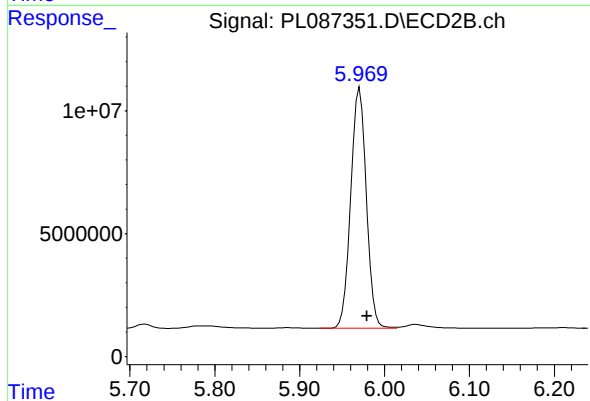
#16 4,4'-DDD

R.T.: 5.717 min  
Delta R.T.: -0.009 min  
Response: 2230059  
Conc: 1.35 ng/ml



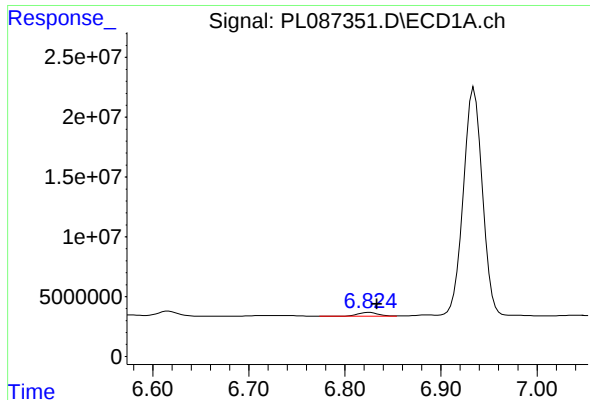
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.009 min  
Response: 264652488  
Conc: 70.38 ng/ml



#17 4,4'-DDT

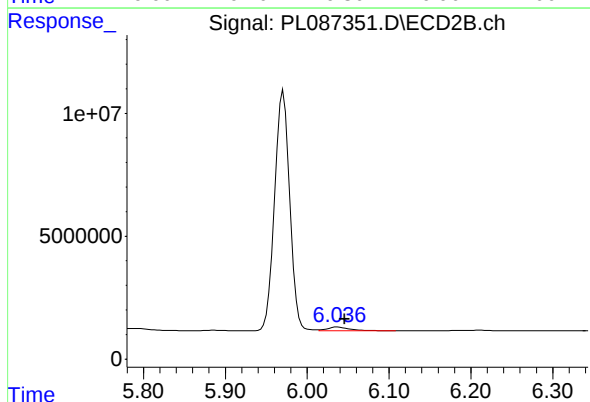
R.T.: 5.971 min  
Delta R.T.: -0.009 min  
Response: 124879291  
Conc: 67.71 ng/ml



#18 Endrin aldehyde

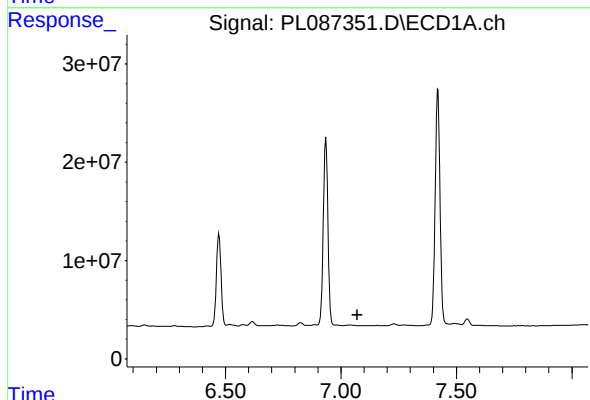
R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 4411585  
Conc: 1.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



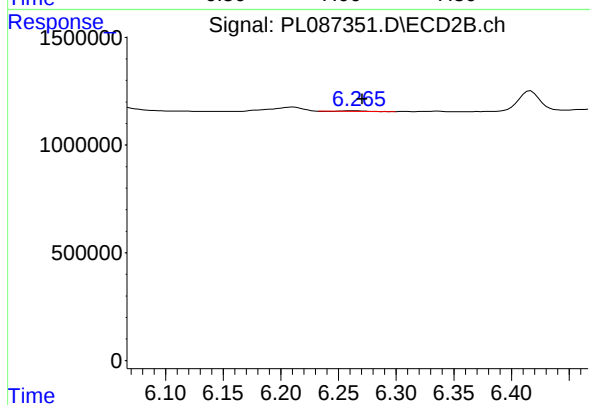
#18 Endrin aldehyde

R.T.: 6.037 min  
Delta R.T.: -0.008 min  
Response: 2886277  
Conc: 1.97 ng/ml



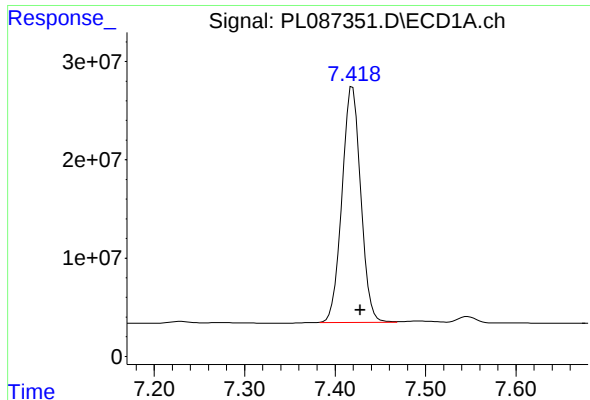
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.070 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

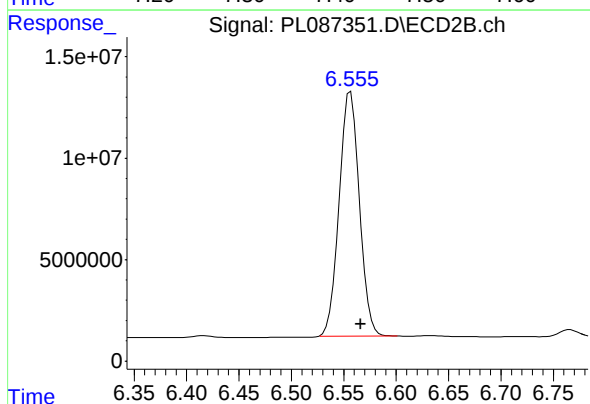
R.T.: 6.266 min  
Delta R.T.: -0.005 min  
Response: 26181  
Conc: 0.01 ng/ml



#20 Methoxychlor

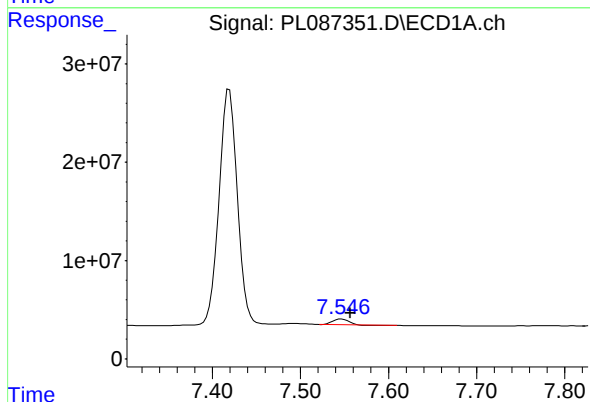
R.T.: 7.419 min  
Delta R.T.: -0.009 min  
Response: 346133565  
Conc: 177.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



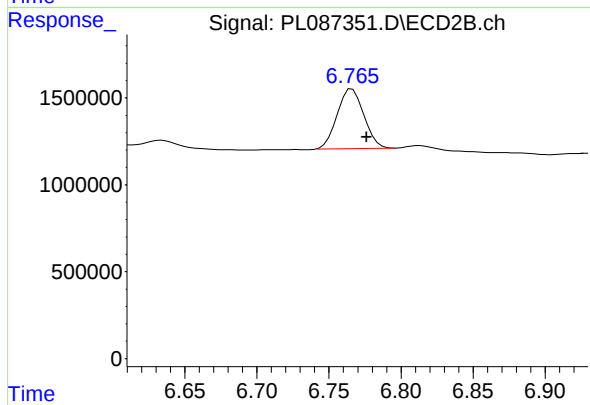
#20 Methoxychlor

R.T.: 6.556 min  
Delta R.T.: -0.010 min  
Response: 161861747  
Conc: 158.47 ng/ml



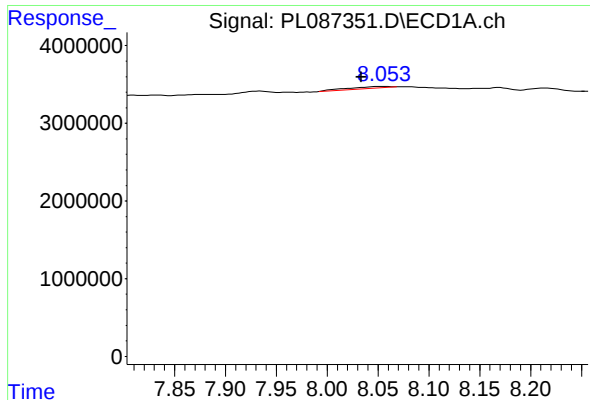
#21 Endrin ketone

R.T.: 7.547 min  
Delta R.T.: -0.010 min  
Response: 7144403  
Conc: 1.76 ng/ml



#21 Endrin ketone

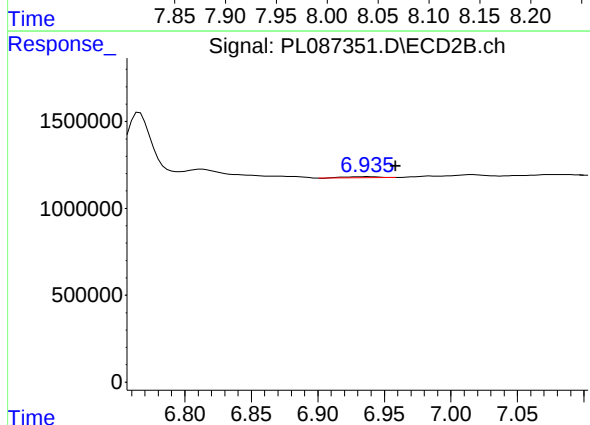
R.T.: 6.766 min  
Delta R.T.: -0.010 min  
Response: 4403360  
Conc: 2.07 ng/ml



#22 Mirex

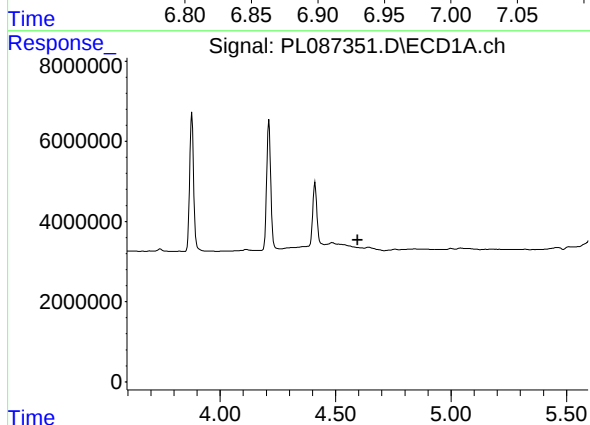
R.T.: 8.055 min  
Delta R.T.: 0.022 min  
Response: 641791  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



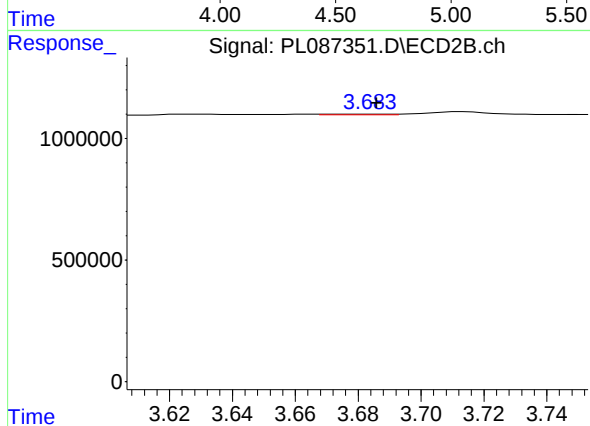
#22 Mirex

R.T.: 6.936 min  
Delta R.T.: -0.022 min  
Response: 101054  
Conc: 0.06 ng/ml



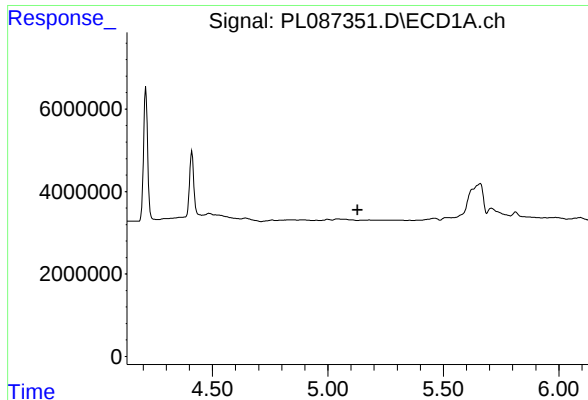
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

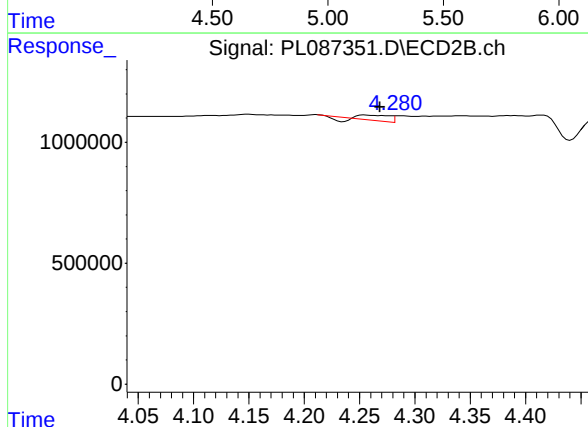
R.T.: 3.684 min  
Delta R.T.: -0.002 min  
Response: 42122  
Conc: 0.68 ng/ml



#24 Chlordane-2

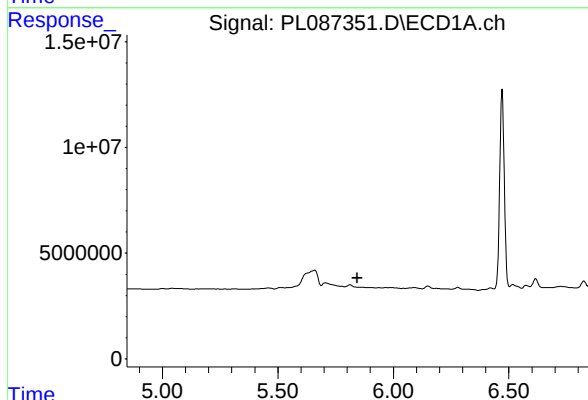
R.T.: 0.000 min  
Exp R.T.: 5.128 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



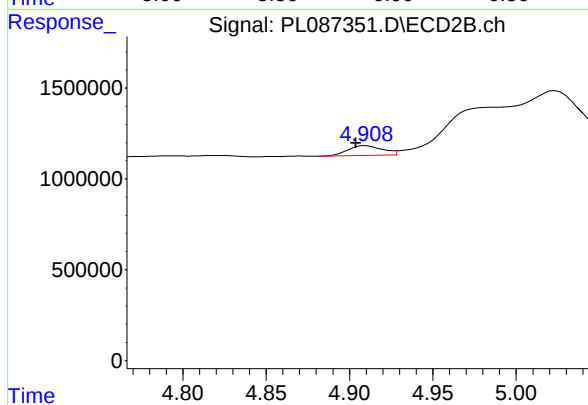
#24 Chlordane-2

R.T.: 4.255 min  
Delta R.T.: -0.014 min  
Response: 312141  
Conc: 4.07 ng/ml



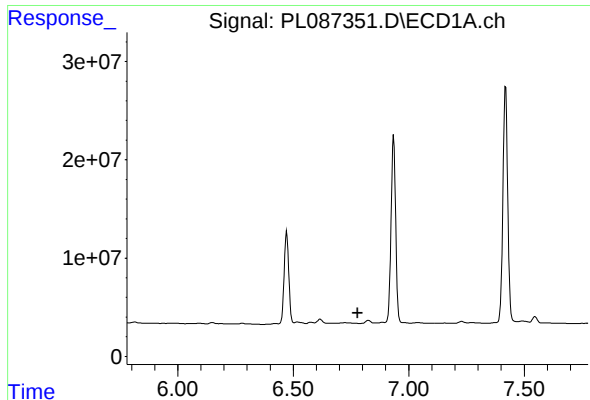
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.843 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

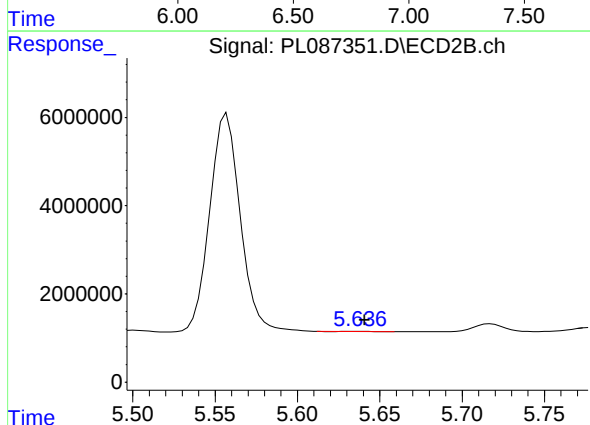
R.T.: 4.910 min  
Delta R.T.: 0.006 min  
Response: 748430  
Conc: 3.39 ng/ml



#27 Chlordane-5

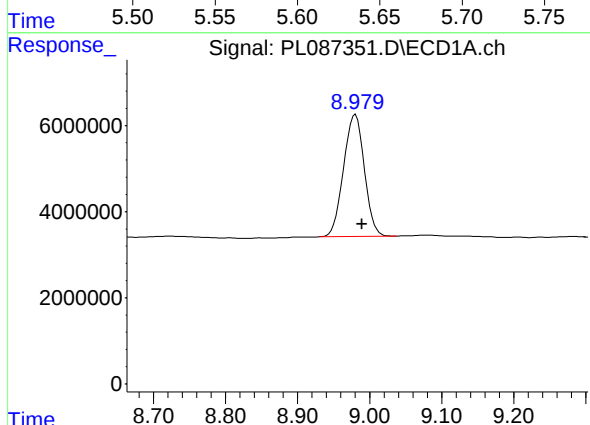
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



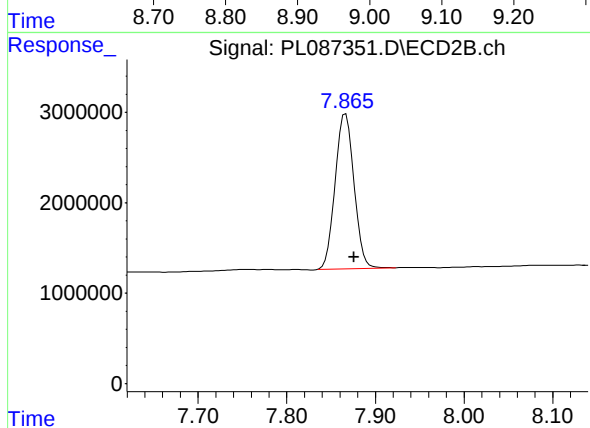
#27 Chlordane-5

R.T.: 5.636 min  
Delta R.T.: -0.005 min  
Response: 40085  
Conc: 0.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: -0.009 min  
Response: 56721036  
Conc: 16.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.009 min  
Response: 25311363  
Conc: 14.99 ng/ml