

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
 Data File : PL086020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2023 21:28  
 Operator : AR\AJ  
 Sample : 04938-18  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 22:26:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.355  | 2.623  | 45301342 | 14473846 | 15.232 | 15.495   |
| 2)                          | SA Decachlor... | 8.854  | 7.773  | 25203120 | 17063973 | 11.571 | 18.488 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.804  | 3.124  | 94961    | 2183173  | 0.022  | 1.735 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.449  | 0        | 1302526  | N.D.   | 1.056 #  |
| 4)                          | MA Heptachlor   | 4.756f | 3.794  | 10369082 | 551202   | 2.681  | 0.474 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.045f | 0        | 663028   | N.D.   | 0.593 #  |
| 6)                          | B beta-BHC      | 4.363f | 3.766f | 2330018  | 634494   | 1.409  | 1.219    |
| 7)                          | B delta-BHC     | 4.578  | 3.974  | 8536844  | 262068   | 2.226  | 0.228 #  |
| 9)                          | A Endosulfan I  | 5.870  | 4.946  | 43125752 | 1639610  | 13.335 | 1.528 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.878  | 0        | 1213173  | N.D.   | 1.112 #  |
| 12)                         | B 4,4'-DDE      | 6.043f | 0.000  | 20716695 | 0        | 7.408  | N.D. #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.215f | 0        | 179547   | N.D.   | 0.185 #  |
| 14)                         | MA Endrin       | 6.399  | 5.496f | 1053732  | -78369   | 0.370  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.611  | 5.755f | 1518406  | 2305950  | 0.551  | 2.425 #  |
| 16)                         | A 4,4'-DDD      | 6.538  | 0.000  | 622319   | 0        | 0.309  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.884f | 0.000  | 4268994  | 0        | 1.811  | N.D. #   |
| 18)                         | B Endrin al...  | 6.737  | 5.976f | 5080262  | 1217540  | 2.507  | 1.633 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.462  | 0        | 371788   | N.D.   | 0.707 #  |
| 22)                         | Mirex           | 7.918f | 6.841  | 2154583  | 874682   | 0.973  | 0.927    |
| 23)                         | Chlordane-1     | 4.535f | 3.631f | 1860684  | 99519    | 15.478 | 3.053 #  |
| 24)                         | Chlordane-2     | 5.033f | 4.203  | 1721246  | 118947   | 13.236 | 3.057 #  |
| 26)                         | Chlordane-4     | 5.870f | 4.878  | 43125752 | 1213173  | 67.974 | 10.478 # |
| -----                       |                 |        |        |          |          |        |          |

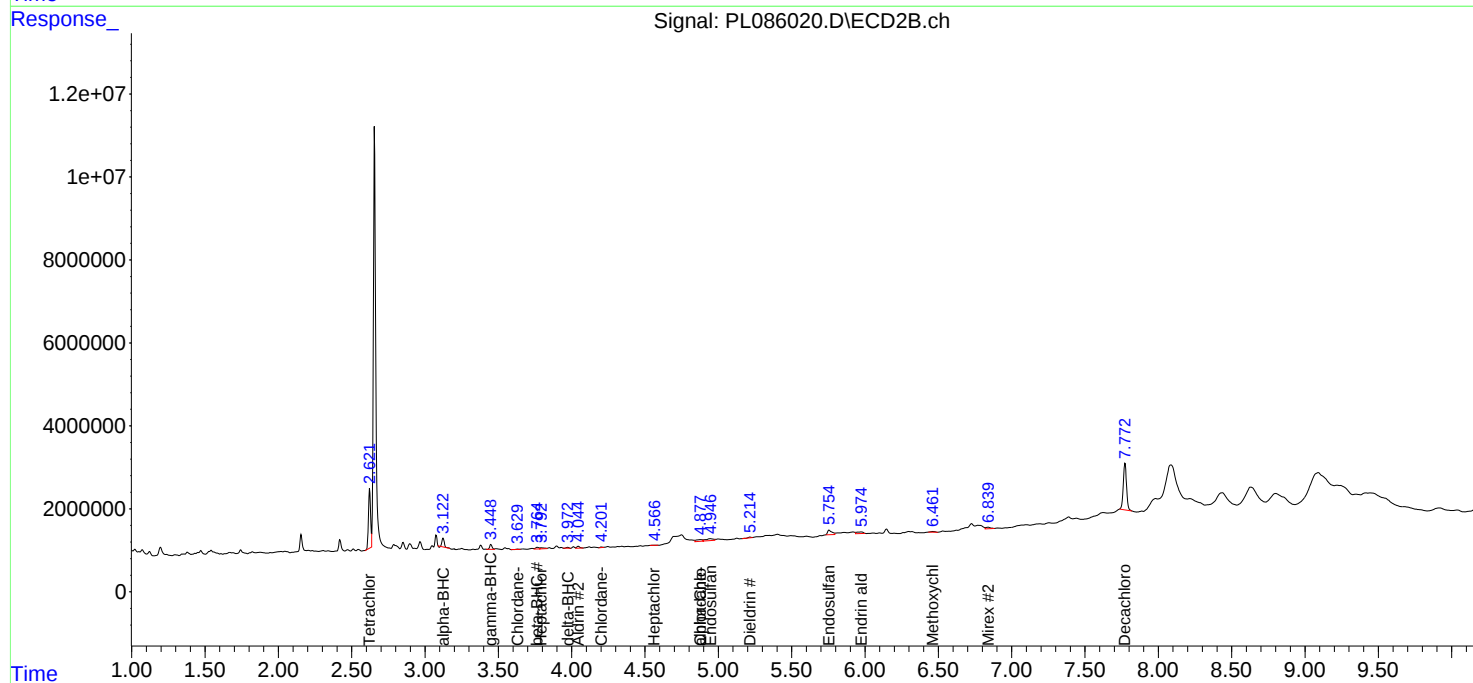
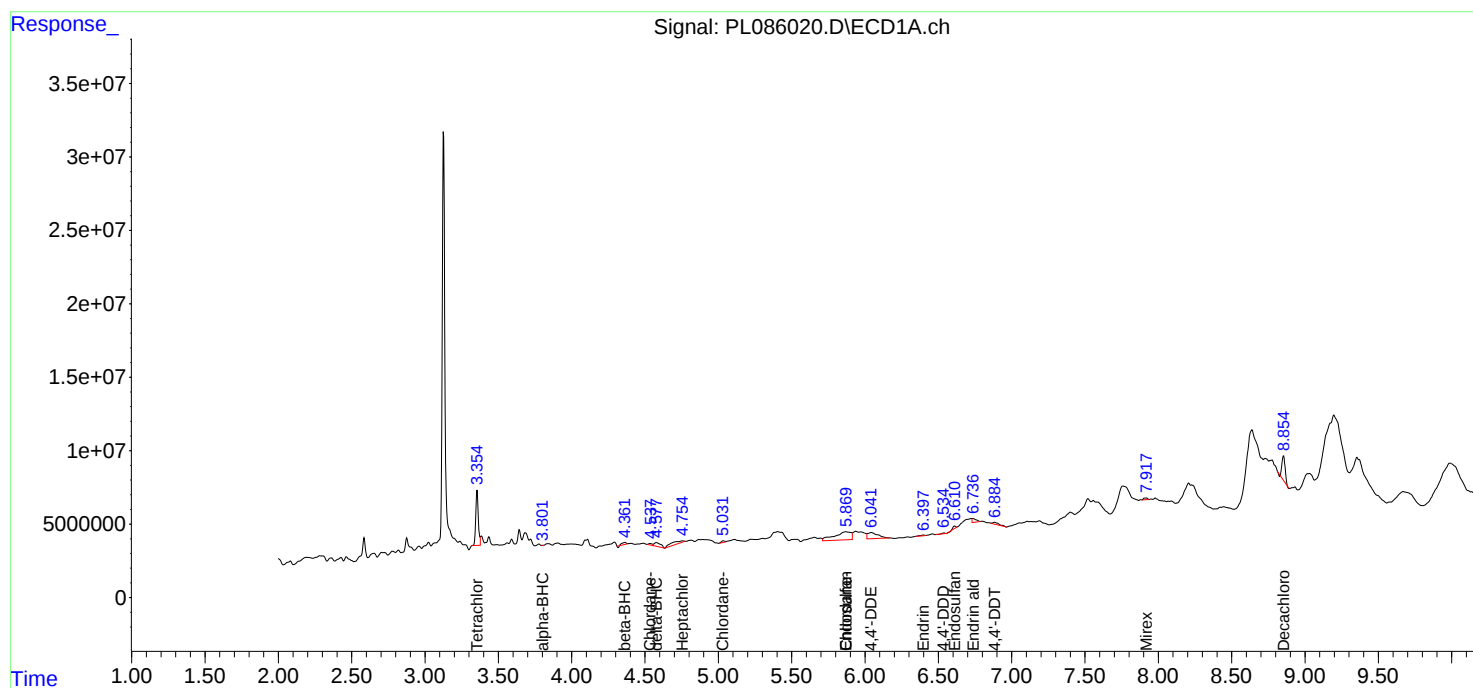
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

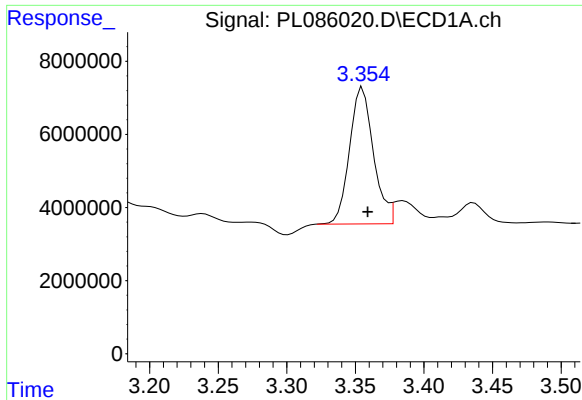
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
Data File : PL086020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2023 21:28  
Operator : AR\AJ  
Sample : 04938-18  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 22:26:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 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

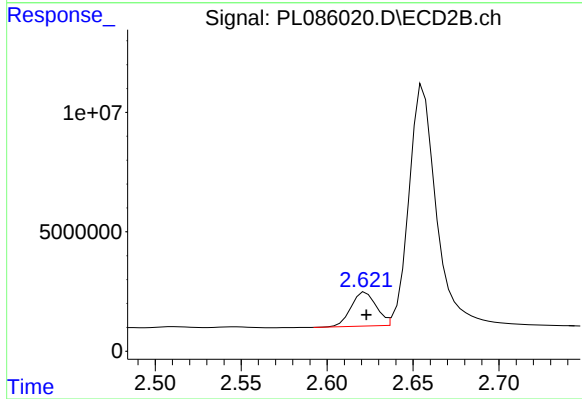




#1 Tetrachloro-m-xylene

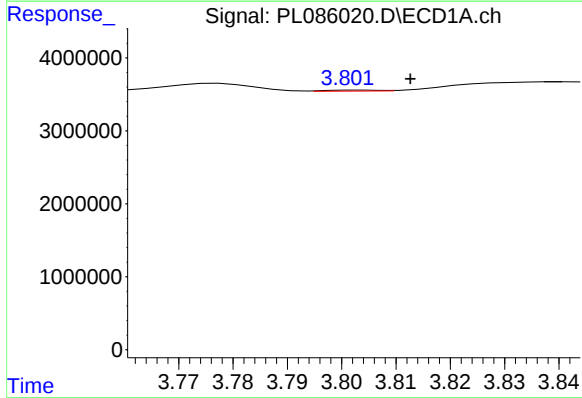
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 45301342  
Conc: 15.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



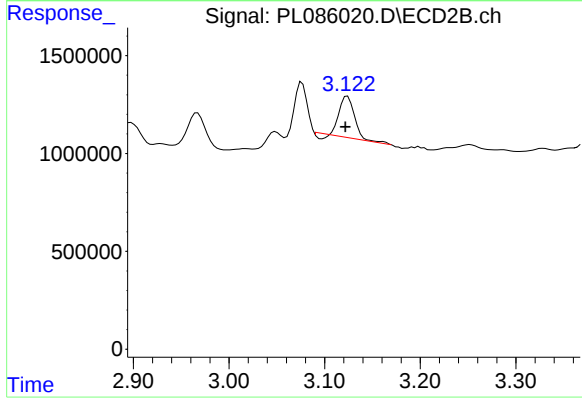
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 14473846  
Conc: 15.49 ng/ml



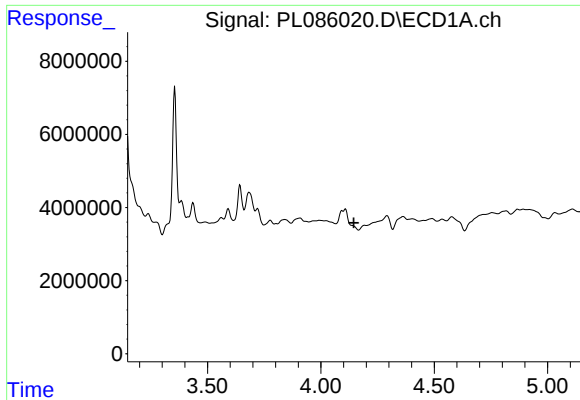
#2 alpha-BHC

R.T.: 3.804 min  
Delta R.T.: -0.009 min  
Response: 94961  
Conc: 0.02 ng/ml



#2 alpha-BHC

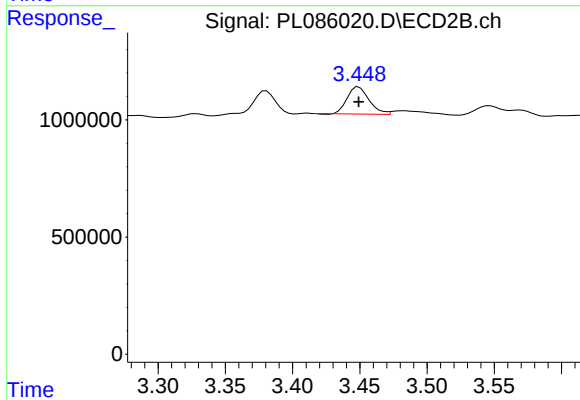
R.T.: 3.124 min  
Delta R.T.: 0.002 min  
Response: 2183173  
Conc: 1.74 ng/ml



#3 gamma-BHC (Lindane)

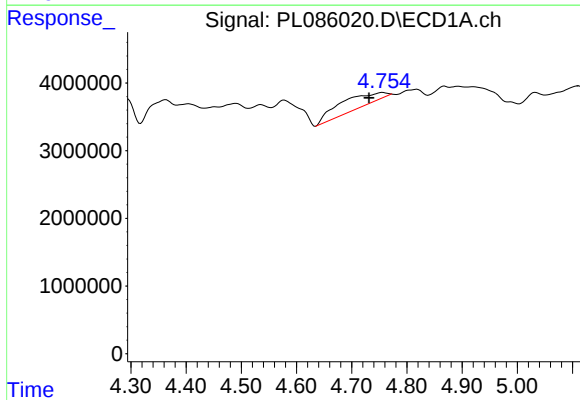
R.T.: 0.000 min  
Exp R.T.: 4.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



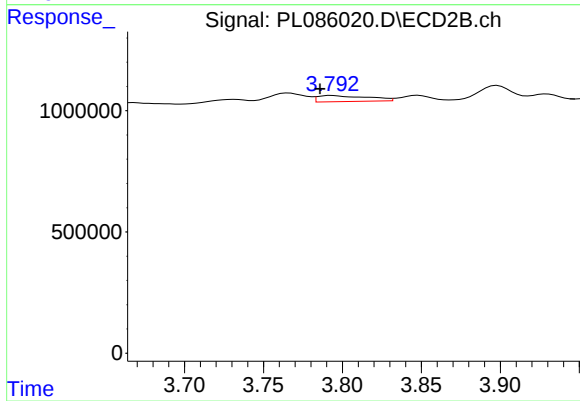
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 1302526  
Conc: 1.06 ng/ml



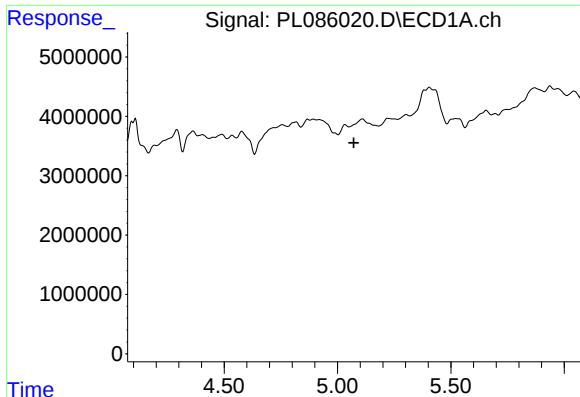
#4 Heptachlor

R.T.: 4.756 min  
Delta R.T.: 0.024 min  
Response: 10369082  
Conc: 2.68 ng/ml



#4 Heptachlor

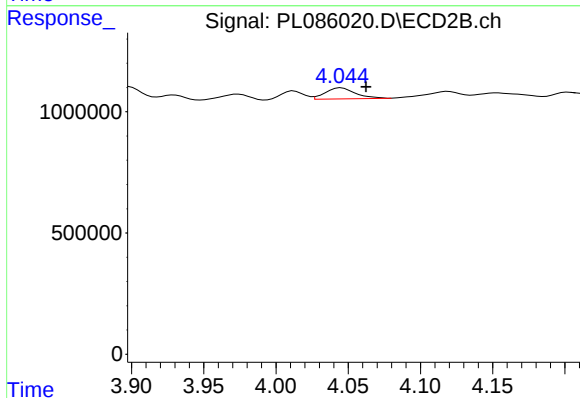
R.T.: 3.794 min  
Delta R.T.: 0.008 min  
Response: 551202  
Conc: 0.47 ng/ml



#5 Aldrin

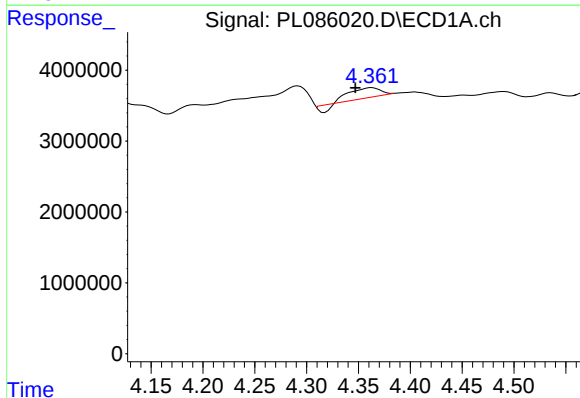
R.T.: 0.000 min  
Exp R.T.: 5.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



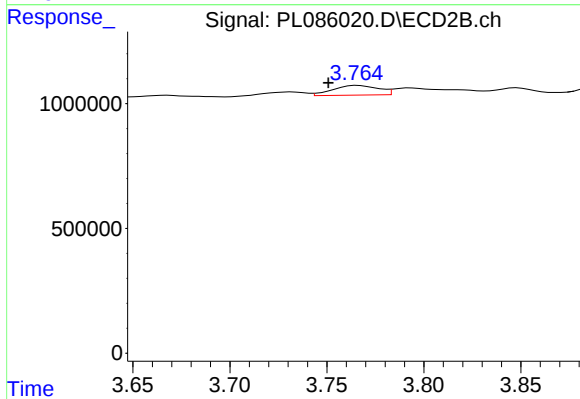
#5 Aldrin

R.T.: 4.045 min  
Delta R.T.: -0.017 min  
Response: 663028  
Conc: 0.59 ng/ml



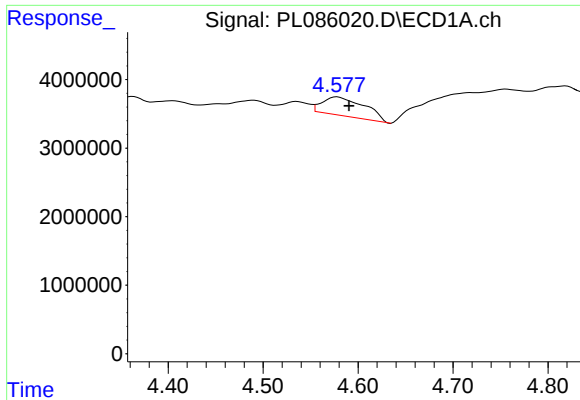
#6 beta-BHC

R.T.: 4.363 min  
Delta R.T.: 0.016 min  
Response: 2330018  
Conc: 1.41 ng/ml



#6 beta-BHC

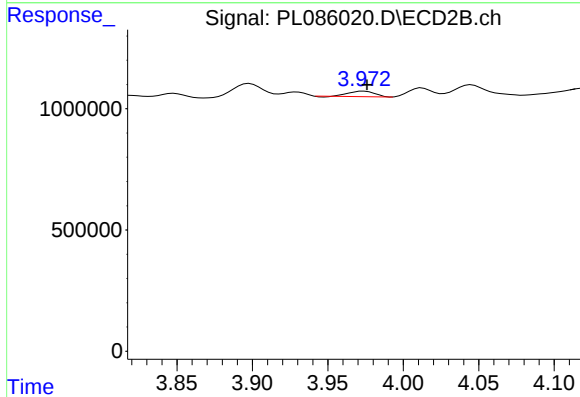
R.T.: 3.766 min  
Delta R.T.: 0.015 min  
Response: 634494  
Conc: 1.22 ng/ml



#7 delta-BHC

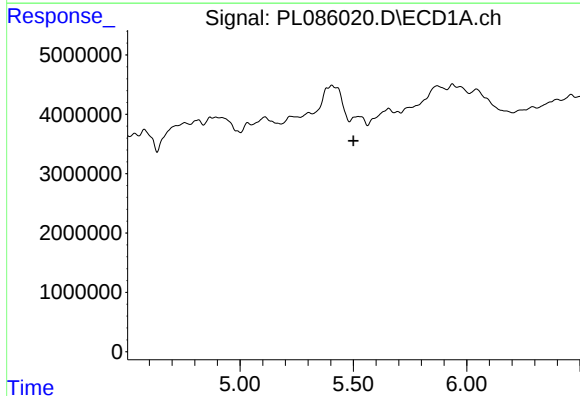
R.T.: 4.578 min  
Delta R.T.: -0.013 min  
Response: 8536844  
Conc: 2.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



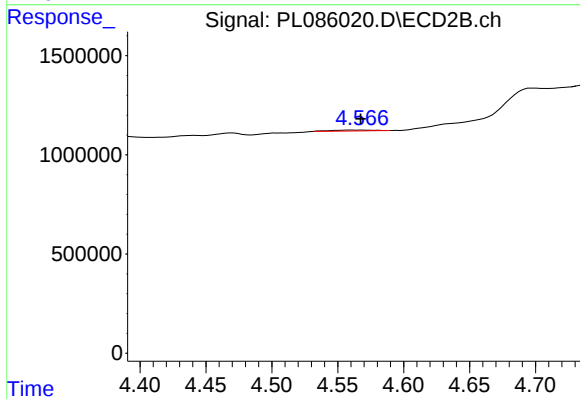
#7 delta-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 262068  
Conc: 0.23 ng/ml



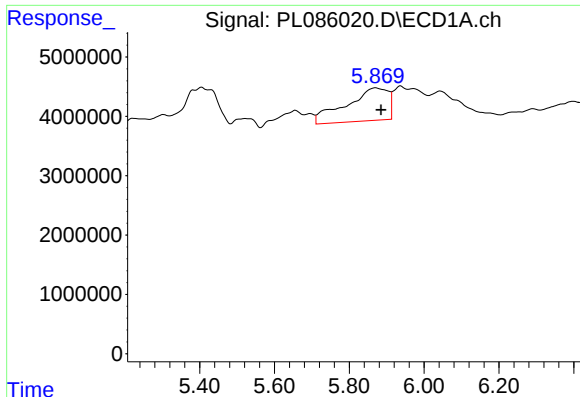
#8 Heptachlor epoxide

R.T.: 5.521 min  
Delta R.T.: 0.020 min  
Response: -434930  
Conc: N.D.



#8 Heptachlor epoxide

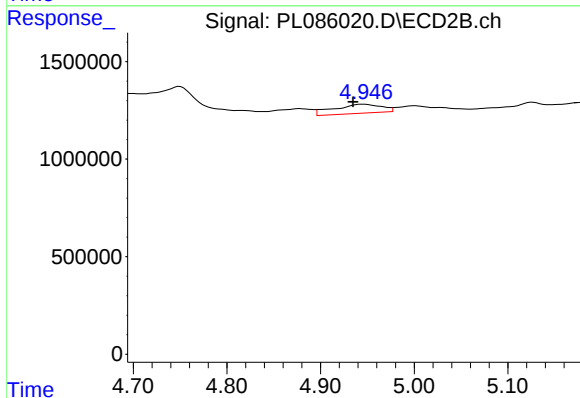
R.T.: 4.562 min  
Delta R.T.: -0.005 min  
Response: 98782  
Conc: 0.10 ng/ml



#9 Endosulfan I

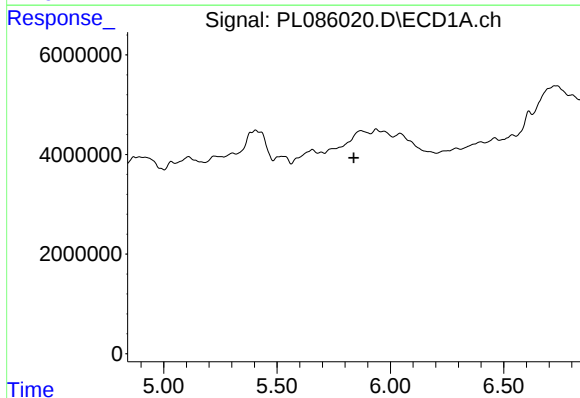
R.T.: 5.870 min  
Delta R.T.: -0.015 min  
Response: 43125752  
Conc: 13.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



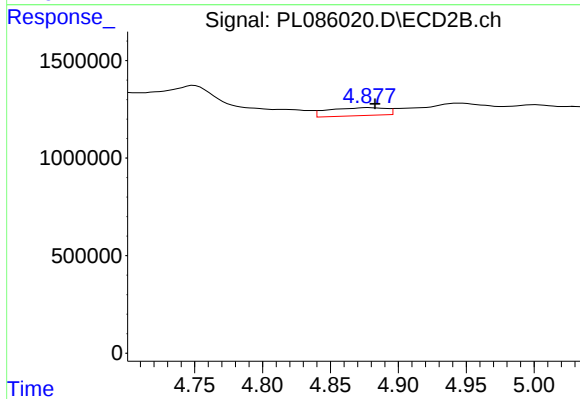
#9 Endosulfan I

R.T.: 4.946 min  
Delta R.T.: 0.011 min  
Response: 1639610  
Conc: 1.53 ng/ml



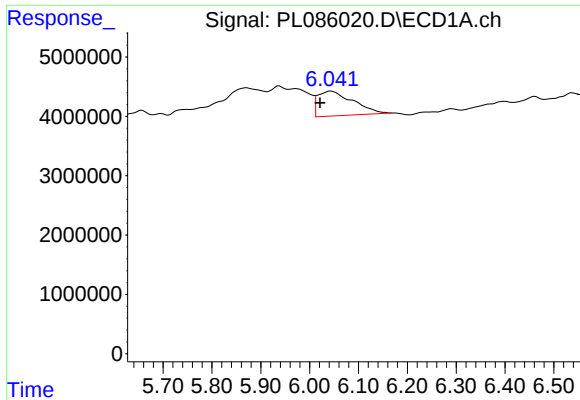
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.838 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

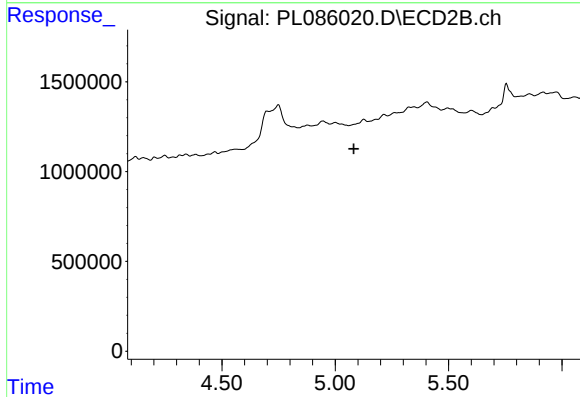
R.T.: 4.878 min  
Delta R.T.: -0.005 min  
Response: 1213173  
Conc: 1.11 ng/ml



#12 4,4'-DDE

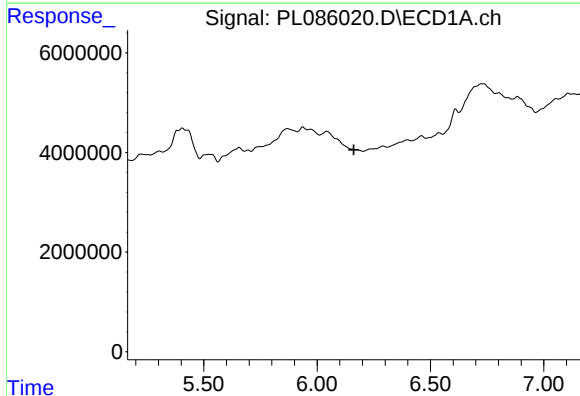
R.T.: 6.043 min  
Delta R.T.: 0.022 min  
Response: 20716695  
Conc: 7.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



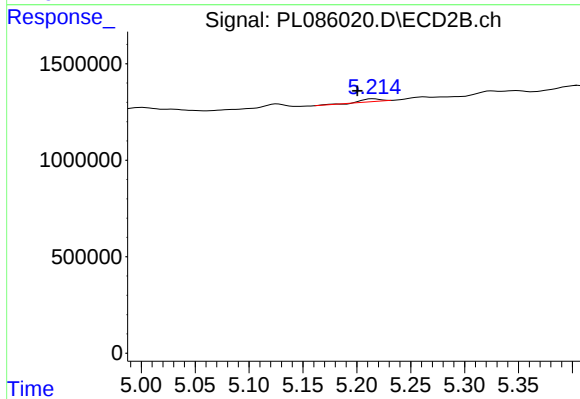
#12 4,4'-DDE

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



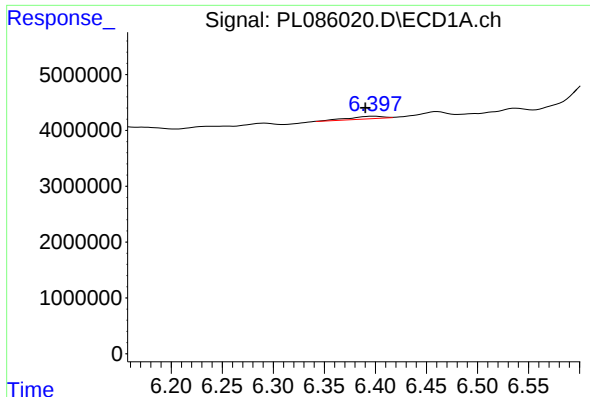
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.162 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

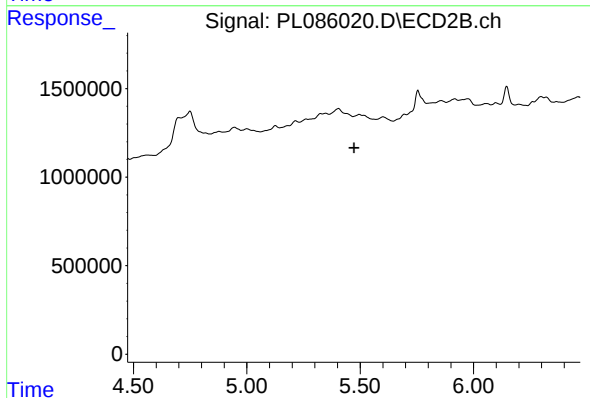
R.T.: 5.215 min  
Delta R.T.: 0.015 min  
Response: 179547  
Conc: 0.19 ng/ml



#14 Endrin

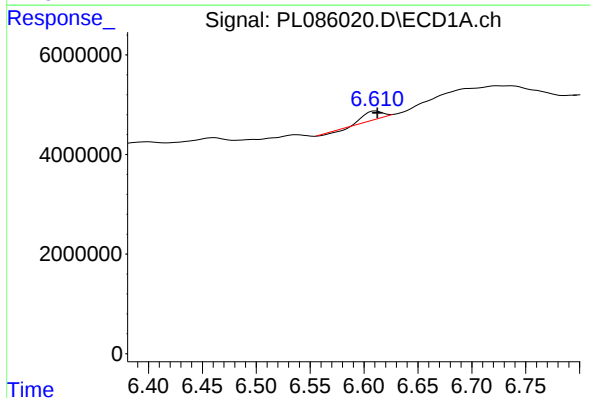
R.T.: 6.399 min  
Delta R.T.: 0.009 min  
Response: 1053732  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



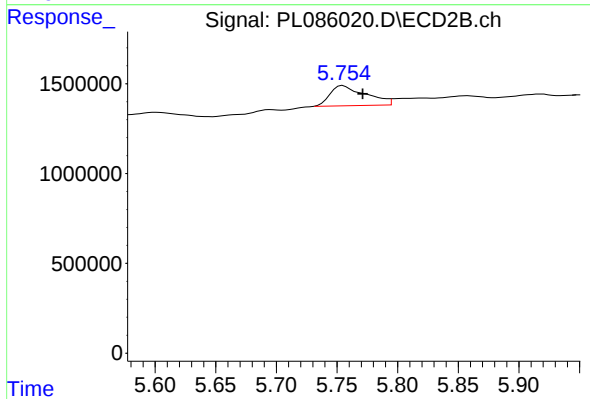
#14 Endrin

R.T.: 5.496 min  
Delta R.T.: 0.022 min  
Response: -78369  
Conc: N.D.



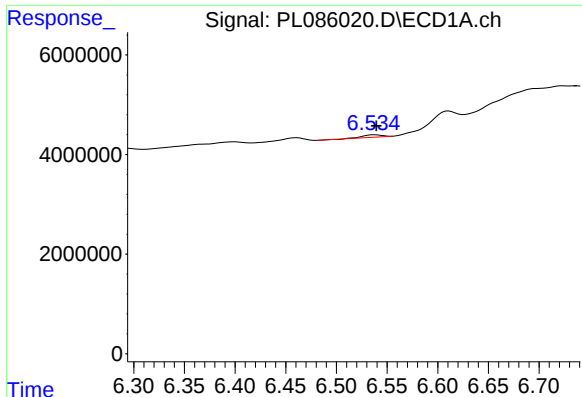
#15 Endosulfan II

R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 1518406  
Conc: 0.55 ng/ml



#15 Endosulfan II

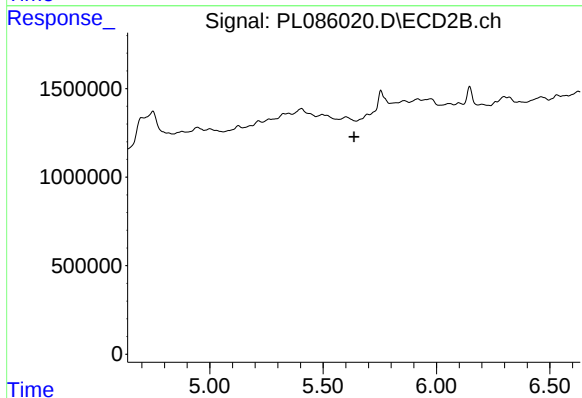
R.T.: 5.755 min  
Delta R.T.: -0.016 min  
Response: 2305950  
Conc: 2.42 ng/ml



#16 4,4'-DDD

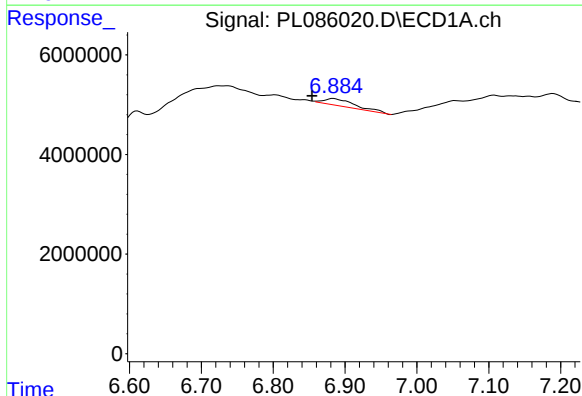
R.T.: 6.538 min  
Delta R.T.: -0.002 min  
Response: 622319  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



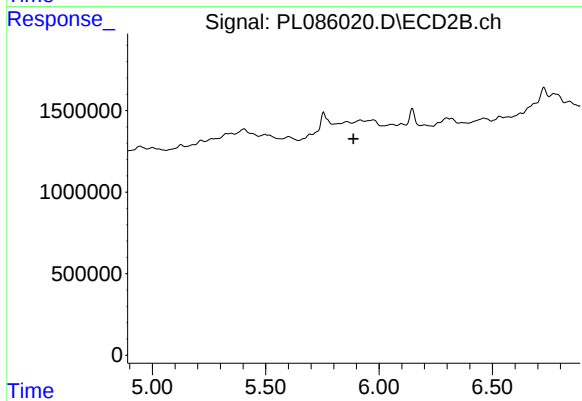
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.637 min  
Response: 0  
Conc: N.D.



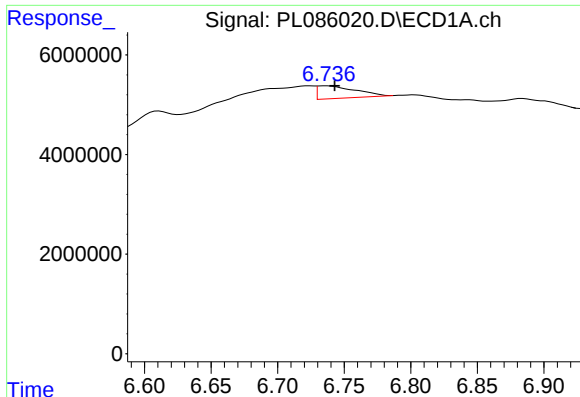
#17 4,4'-DDT

R.T.: 6.884 min  
Delta R.T.: 0.030 min  
Response: 4268994  
Conc: 1.81 ng/ml



#17 4,4'-DDT

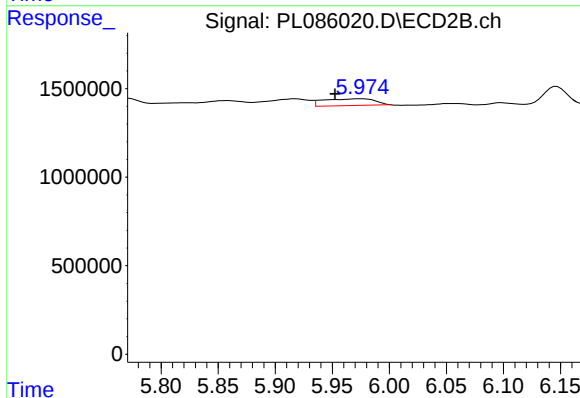
R.T.: 0.000 min  
Exp R.T. : 5.888 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

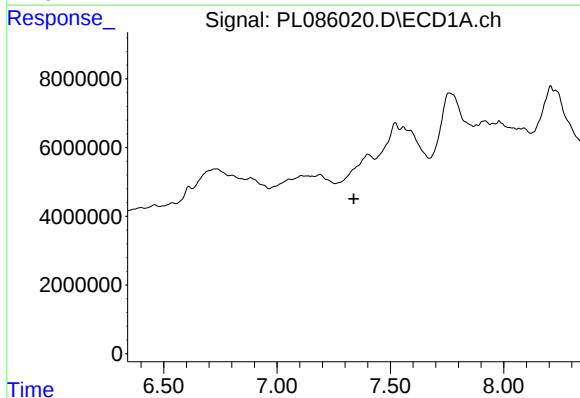
R.T.: 6.737 min  
Delta R.T.: -0.006 min  
Response: 5080262  
Conc: 2.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



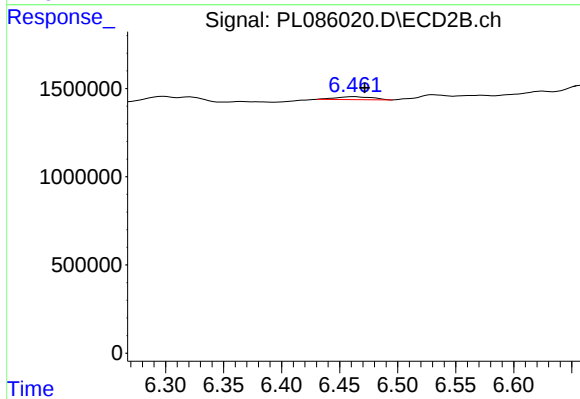
#18 Endrin aldehyde

R.T.: 5.976 min  
Delta R.T.: 0.023 min  
Response: 1217540  
Conc: 1.63 ng/ml



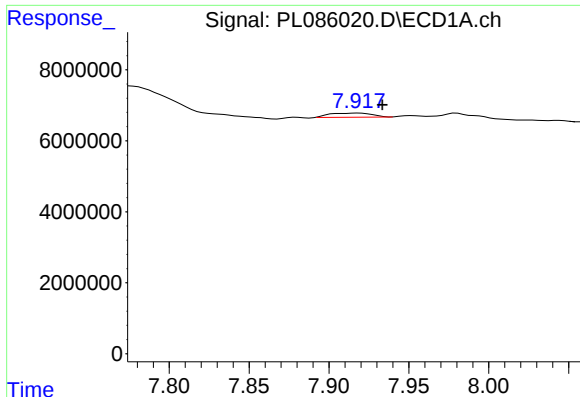
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.339 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

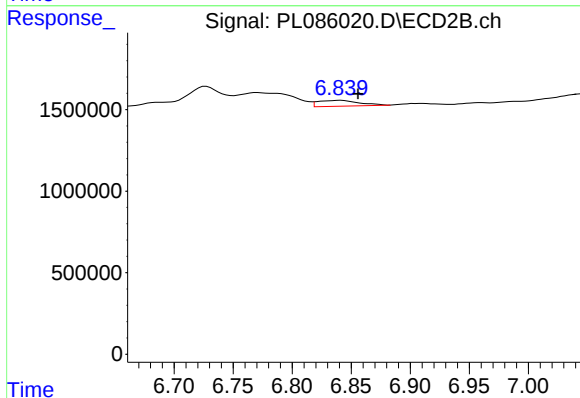
R.T.: 6.462 min  
Delta R.T.: -0.009 min  
Response: 371788  
Conc: 0.71 ng/ml



#22 Mirex

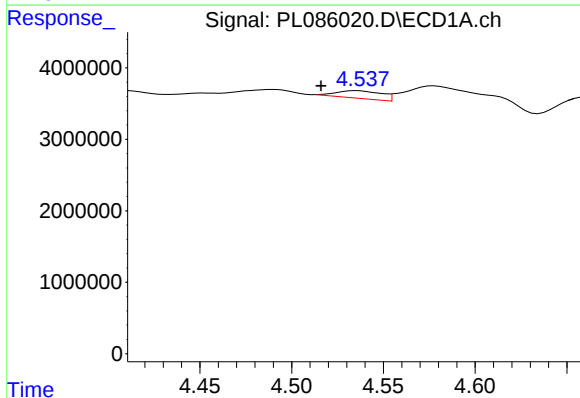
R.T.: 7.918 min  
Delta R.T.: -0.015 min  
Response: 2154583  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



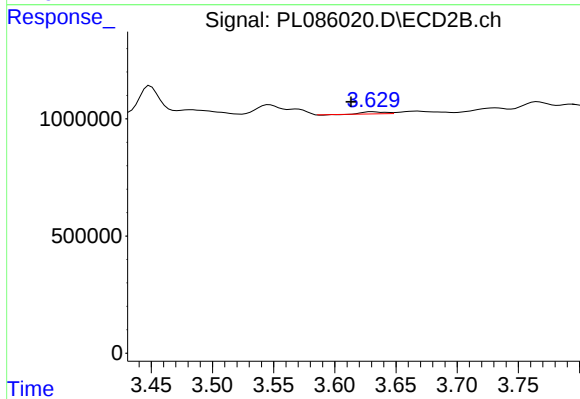
#22 Mirex

R.T.: 6.841 min  
Delta R.T.: -0.015 min  
Response: 874682  
Conc: 0.93 ng/ml



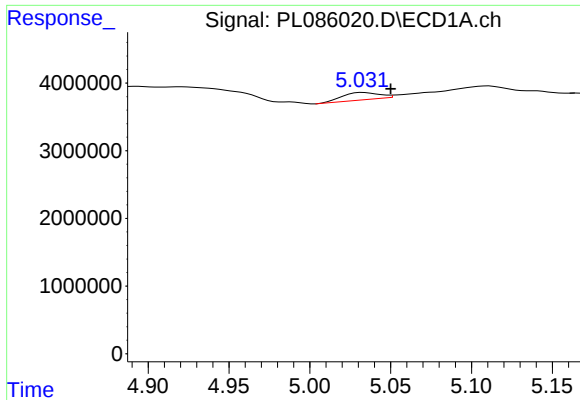
#23 Chlordane-1

R.T.: 4.535 min  
Delta R.T.: 0.019 min  
Response: 1860684  
Conc: 15.48 ng/ml



#23 Chlordane-1

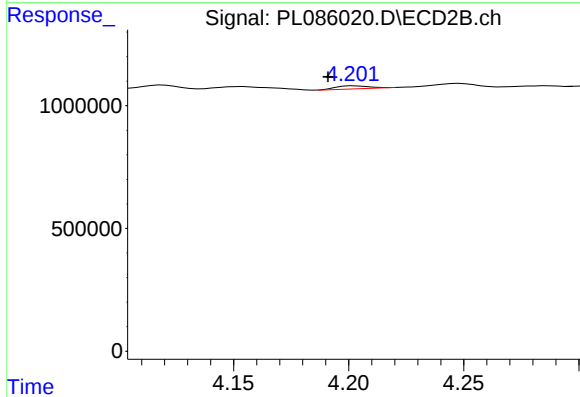
R.T.: 3.631 min  
Delta R.T.: 0.018 min  
Response: 99519  
Conc: 3.05 ng/ml



#24 Chlordane-2

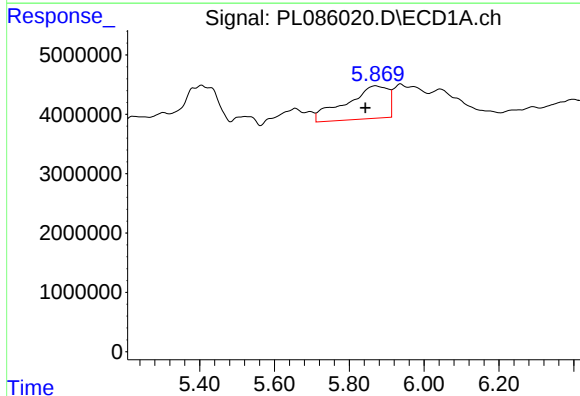
R.T.: 5.033 min  
Delta R.T.: -0.017 min  
Response: 1721246  
Conc: 13.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



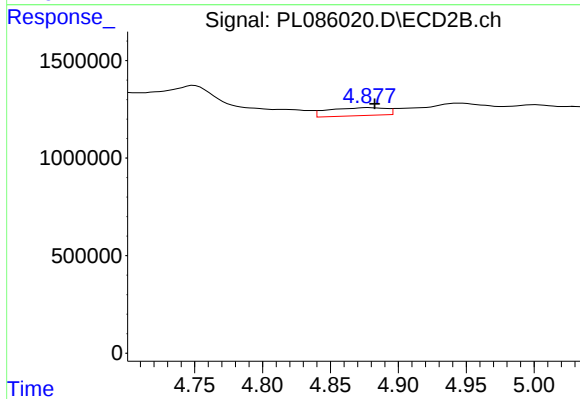
#24 Chlordane-2

R.T.: 4.203 min  
Delta R.T.: 0.012 min  
Response: 118947  
Conc: 3.06 ng/ml



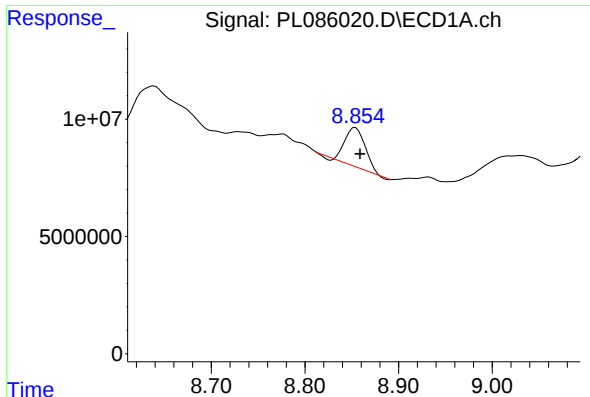
#26 Chlordane-4

R.T.: 5.870 min  
Delta R.T.: 0.027 min  
Response: 43125752  
Conc: 67.97 ng/ml



#26 Chlordane-4

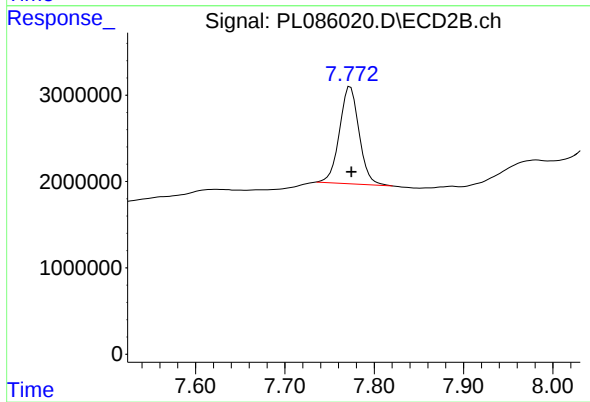
R.T.: 4.878 min  
Delta R.T.: -0.005 min  
Response: 1213173  
Conc: 10.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.854 min  
Delta R.T.: -0.005 min  
Response: 25203120  
Conc: 11.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.001 min  
Response: 17063973  
Conc: 18.49 ng/ml