

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111223\  
 Data File : PL086603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2023 17:01  
 Operator : AR\AJ  
 Sample : 05351-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 10 21:04:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 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... | 3.351  | 2.618  | 49358836 | 15372682 | 15.201  | 15.613    |
| 28)                         | SA Decachlor... | 8.851  | 7.768  | 33563037 | 14794034 | 11.466  | 12.251    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.132f | 0        | 219895   | N.D.    | 0.165 #   |
| 3)                          | MA gamma-BHC... | 4.159f | 3.450  | 1170037  | 685637   | 0.249   | 0.517 #   |
| 4)                          | MA Heptachlor   | 4.722  | 3.773  | 1204979  | 2687519  | 0.264   | 2.008 #   |
| 5)                          | MB Aldrin       | 5.035f | 4.038f | 13639724 | 476470   | 3.013   | 0.366 #   |
| 6)                          | B beta-BHC      | 4.359f | 3.773f | 2052116  | 2687519  | 1.015   | 4.509 #   |
| 7)                          | B delta-BHC     | 4.580  | 3.973  | 5118726  | 242181   | 1.115   | 0.185 #   |
| 8)                          | B Heptachlo...  | 5.492  | 4.560  | 46387405 | 12231091 | 11.933  | 10.184    |
| 9)                          | A Endosulfan I  | 0.000  | 4.924  | 0        | 3098826  | N.D.    | 2.695 #   |
| 10)                         | B gamma-Chl...  | 5.751  | 4.811  | 134.6E6  | 31579823 | 32.859  | 25.596    |
| 11)                         | B alpha-Chl...  | 5.832  | 4.874  | 216.5E6  | 50001592 | 53.336  | 39.986 #  |
| 12)                         | B 4,4'-DDE      | 6.014  | 5.074  | 117.1E6  | 36597280 | 33.769  | 35.652    |
| 13)                         | MA Dieldrin     | 6.156  | 5.200  | 4000800  | 1099628  | 1.018   | 0.922     |
| 14)                         | MA Endrin       | 6.386  | 5.487f | -881613  | 5803409  | N.D.    | 5.298     |
| 15)                         | B Endosulfa...  | 6.612  | 5.767  | 5558737  | 10377055 | 1.564   | 9.455 #   |
| 17)                         | MA 4,4'-DDT     | 6.847  | 5.880  | 49681899 | 18879959 | 16.760  | 19.313    |
| 19)                         | B Endosulfa...  | 6.974  | 6.175  | 2469637  | 690748   | 0.736   | 0.636     |
| 21)                         | B Endrin ke...  | 7.445  | 0.000  | 7230306  | 0        | 2.122   | N.D. #    |
| 22)                         | Mirex           | 7.914  | 0.000  | 273266   | 0        | 0.097   | N.D. #    |
| 23)                         | Chlordane-1     | 4.507  | 3.605  | 3514922  | 1413405  | 25.123  | 40.342 #  |
| 24)                         | Chlordane-2     | 5.035  | 4.186  | 13639724 | 3928151  | 89.989  | 86.970    |
| 25)                         | Chlordane-3     | 5.751  | 4.811  | 134.6E6  | 31579823 | 232.749 | 267.825   |
| 26)                         | Chlordane-4     | 5.832  | 4.874  | 216.5E6  | 50001592 | 302.884 | 391.633 # |
| 27)                         | Chlordane-5     | 6.681  | 5.545  | 21923188 | 8766329  | 168.486 | 241.455 # |
| -----                       |                 |        |        |          |          |         |           |

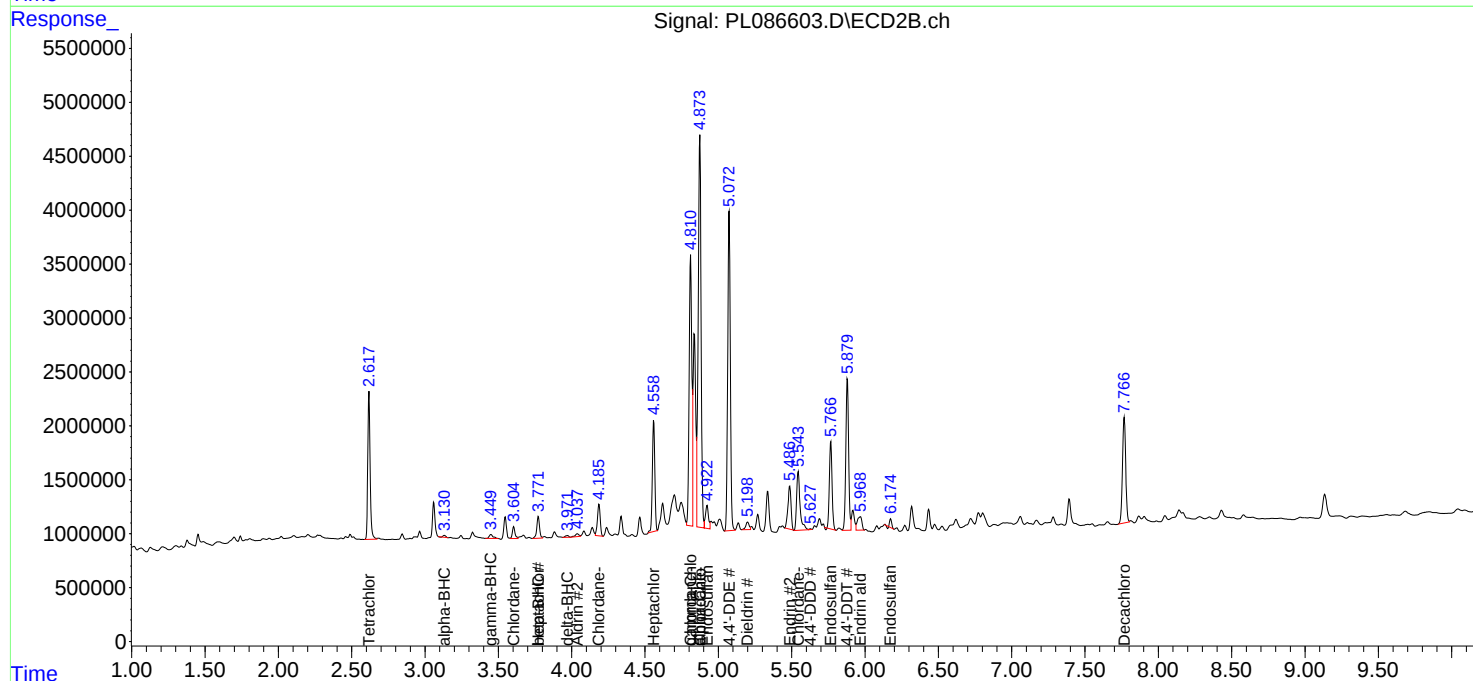
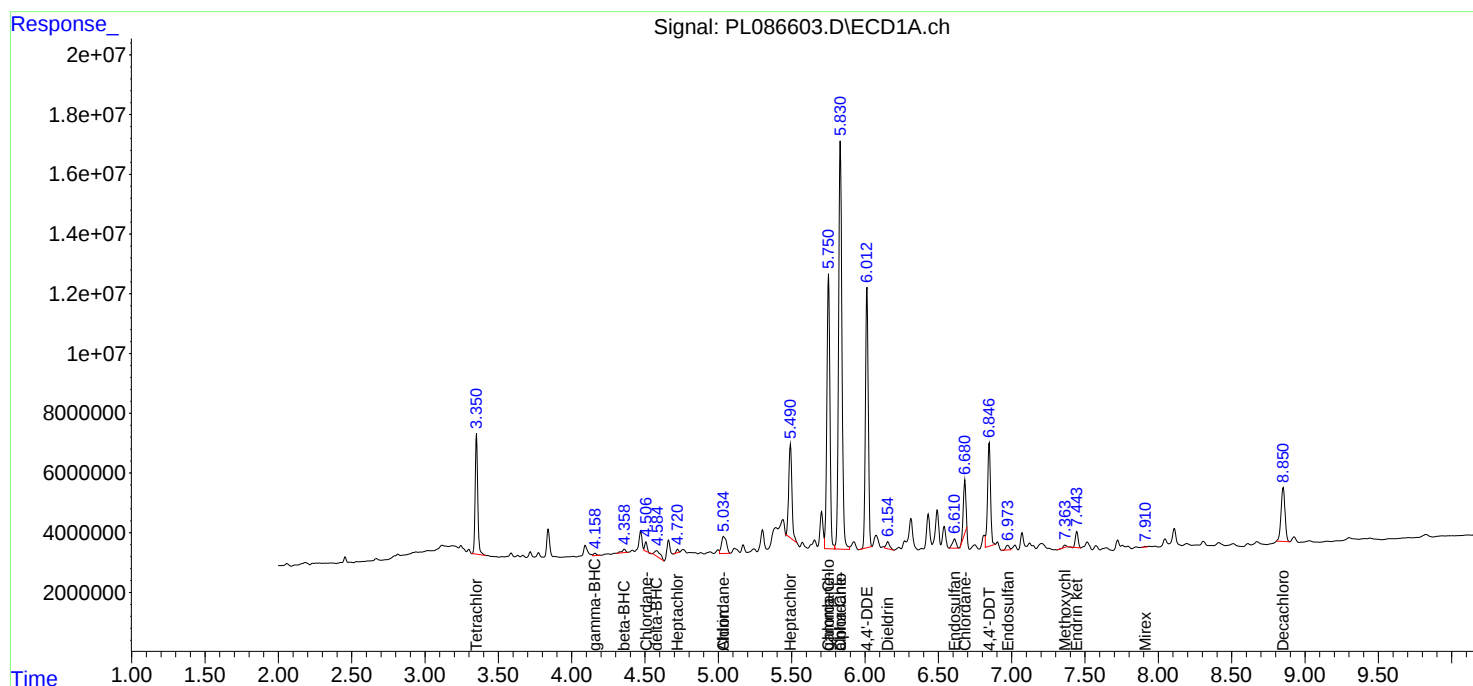
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

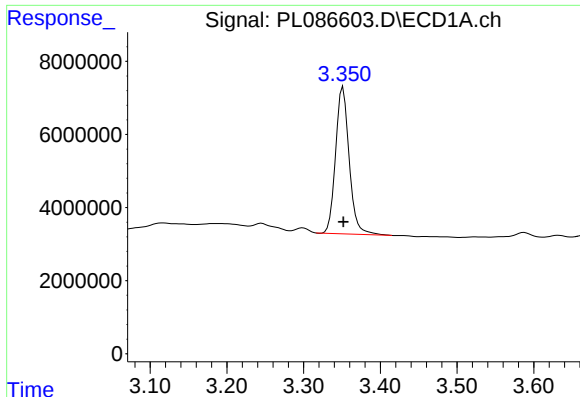
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111223\  
Data File : PL086603.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2023 17:01  
Operator : AR\AJ  
Sample : 05351-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 10 21:04:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 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

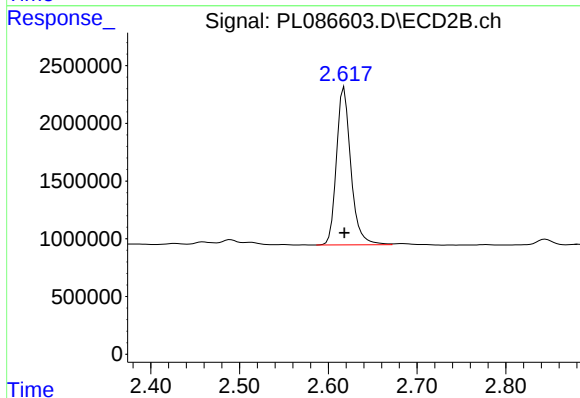




#1 Tetrachloro-m-xylene

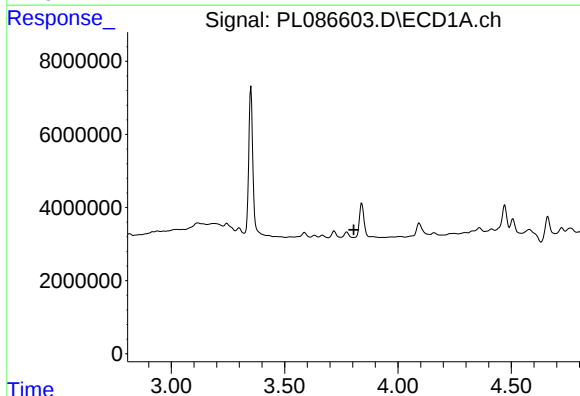
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 49358836  
Conc: 15.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



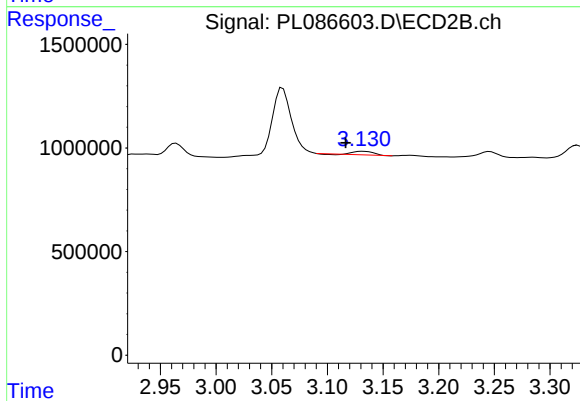
#1 Tetrachloro-m-xylene

R.T.: 2.618 min  
Delta R.T.: 0.000 min  
Response: 15372682  
Conc: 15.61 ng/ml



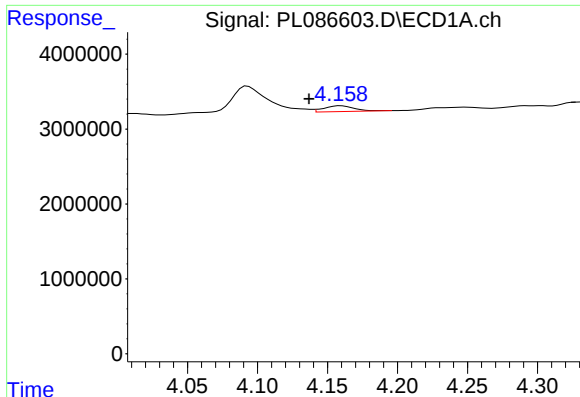
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.805 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

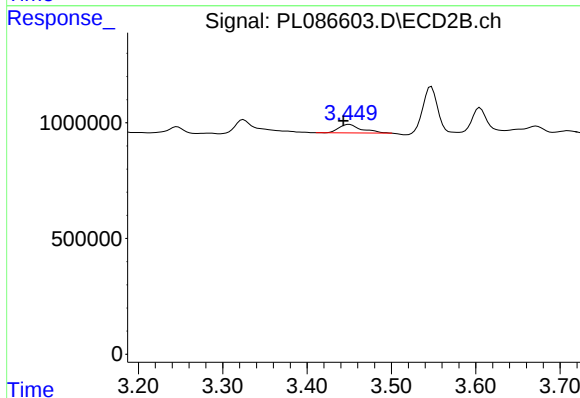
R.T.: 3.132 min  
Delta R.T.: 0.015 min  
Response: 219895  
Conc: 0.16 ng/ml



#3 gamma-BHC (Lindane)

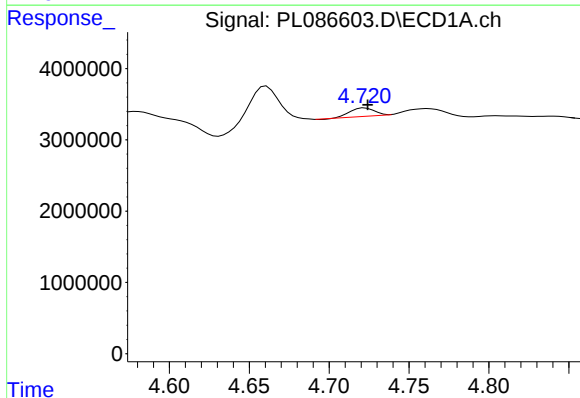
R.T.: 4.159 min  
Delta R.T.: 0.023 min  
Response: 1170037  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



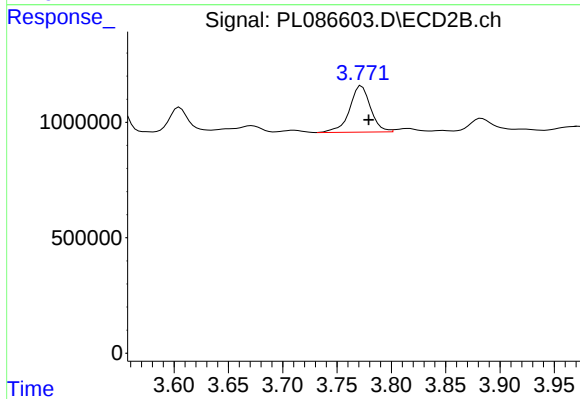
#3 gamma-BHC (Lindane)

R.T.: 3.450 min  
Delta R.T.: 0.007 min  
Response: 685637  
Conc: 0.52 ng/ml



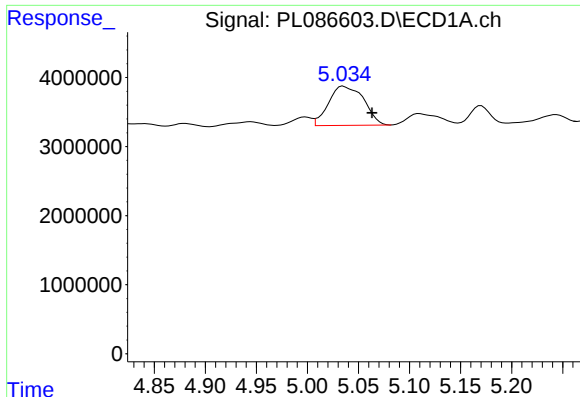
#4 Heptachlor

R.T.: 4.722 min  
Delta R.T.: -0.002 min  
Response: 1204979  
Conc: 0.26 ng/ml



#4 Heptachlor

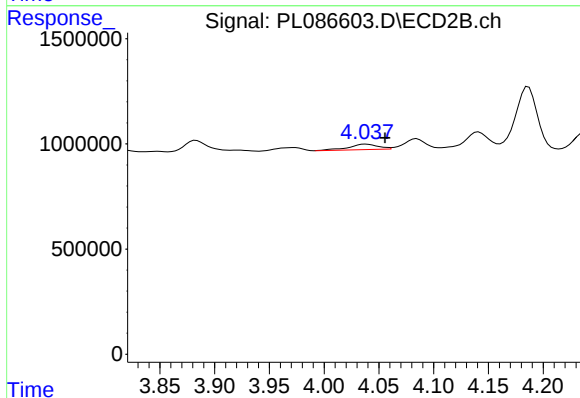
R.T.: 3.773 min  
Delta R.T.: -0.007 min  
Response: 2687519  
Conc: 2.01 ng/ml



#5 Aldrin

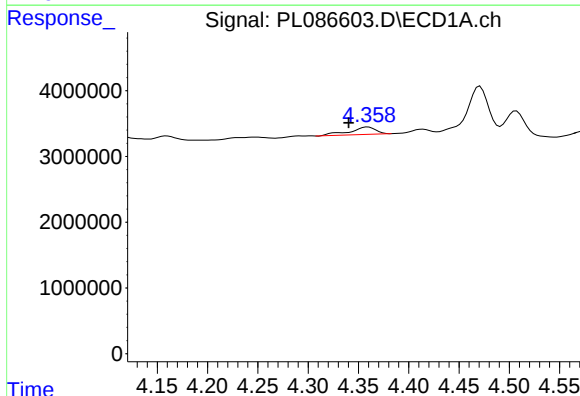
R.T.: 5.035 min  
Delta R.T.: -0.028 min  
Response: 13639724  
Conc: 3.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



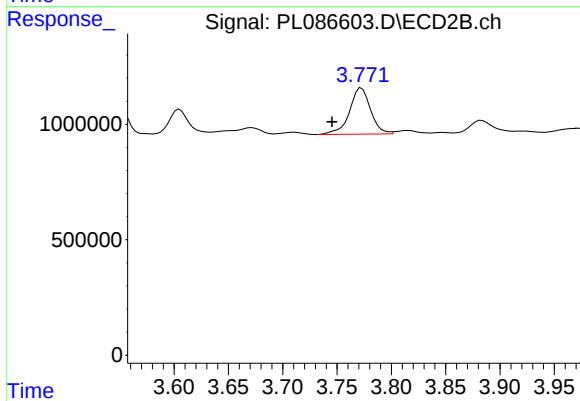
#5 Aldrin

R.T.: 4.038 min  
Delta R.T.: -0.017 min  
Response: 476470  
Conc: 0.37 ng/ml



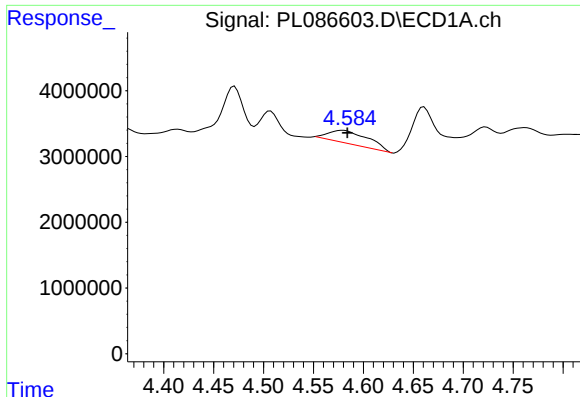
#6 beta-BHC

R.T.: 4.359 min  
Delta R.T.: 0.019 min  
Response: 2052116  
Conc: 1.01 ng/ml



#6 beta-BHC

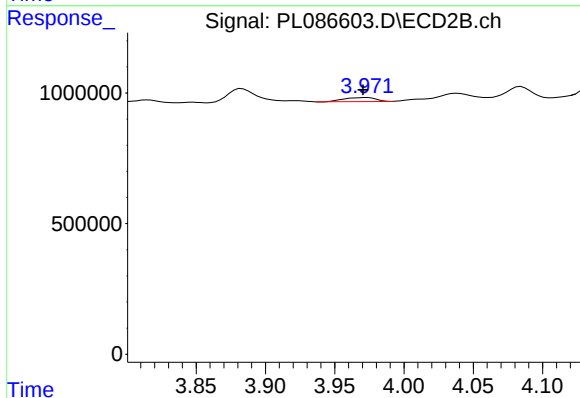
R.T.: 3.773 min  
Delta R.T.: 0.027 min  
Response: 2687519  
Conc: 4.51 ng/ml



#7 delta-BHC

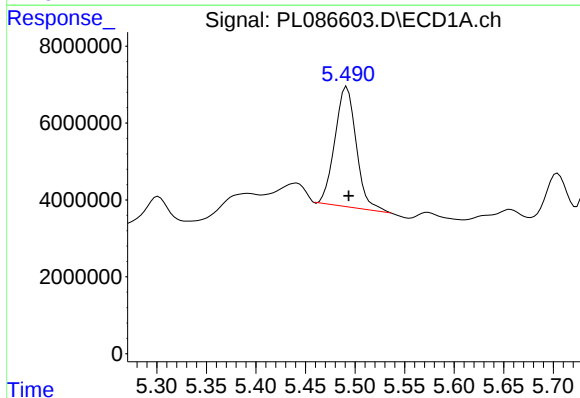
R.T.: 4.580 min  
Delta R.T.: -0.004 min  
Response: 5118726  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



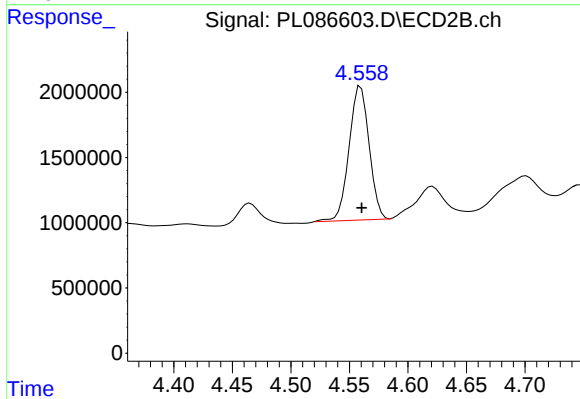
#7 delta-BHC

R.T.: 3.973 min  
Delta R.T.: 0.002 min  
Response: 242181  
Conc: 0.19 ng/ml



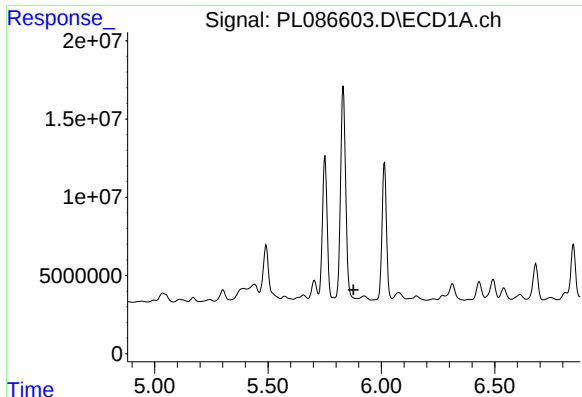
#8 Heptachlor epoxide

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 46387405  
Conc: 11.93 ng/ml



#8 Heptachlor epoxide

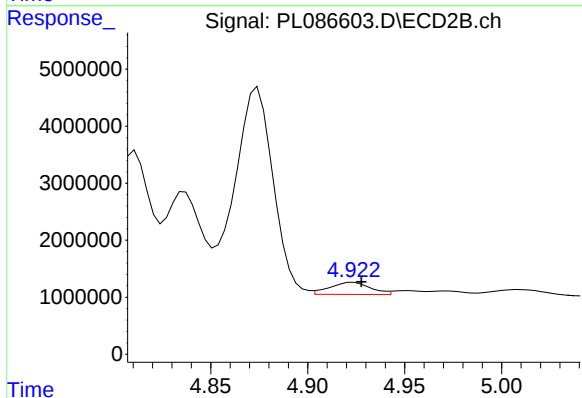
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 12231091  
Conc: 10.18 ng/ml



#9 Endosulfan I

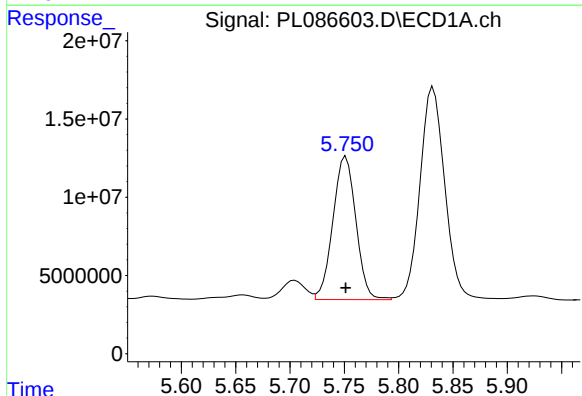
R.T.: 0.000 min  
Exp R.T.: 5.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



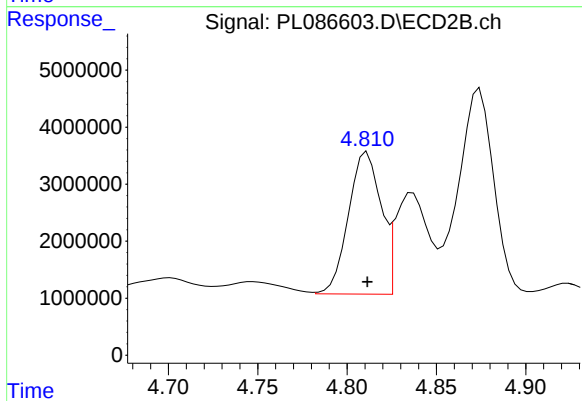
#9 Endosulfan I

R.T.: 4.924 min  
Delta R.T.: -0.004 min  
Response: 3098826  
Conc: 2.70 ng/ml



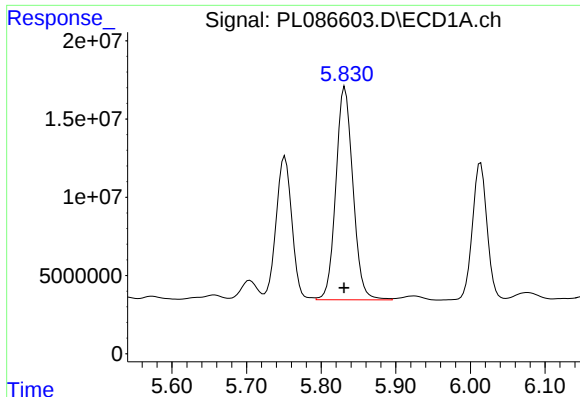
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 134630945  
Conc: 32.86 ng/ml



#10 gamma-Chlordane

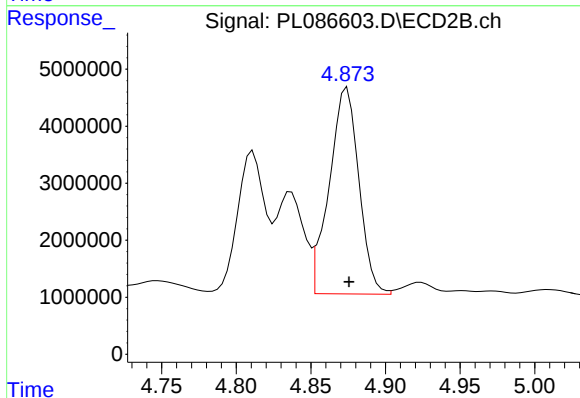
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 31579823  
Conc: 25.60 ng/ml



#11 alpha-Chlordane

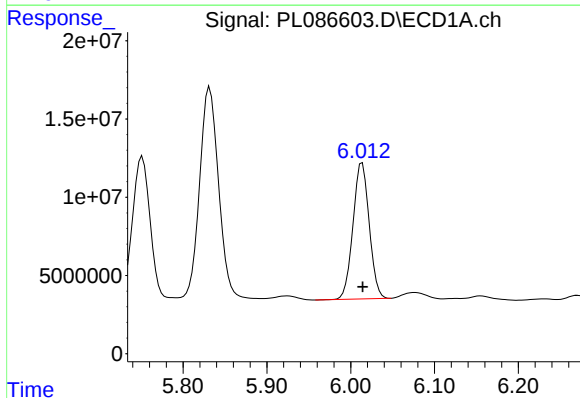
R.T.: 5.832 min  
Delta R.T.: 0.001 min  
Response: 216540438  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



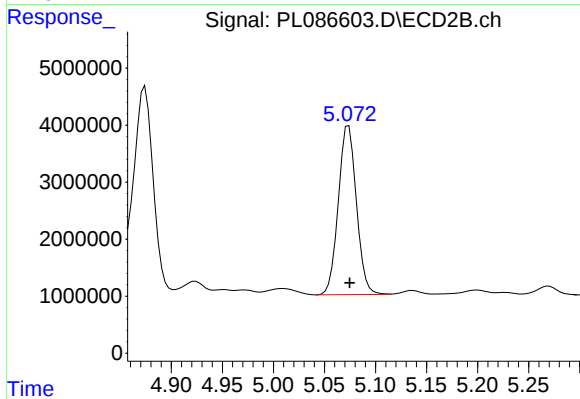
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 50001592  
Conc: 39.99 ng/ml



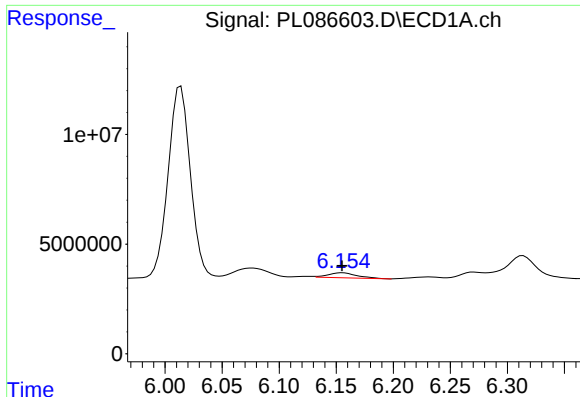
#12 4,4'-DDE

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 117119173  
Conc: 33.77 ng/ml



#12 4,4'-DDE

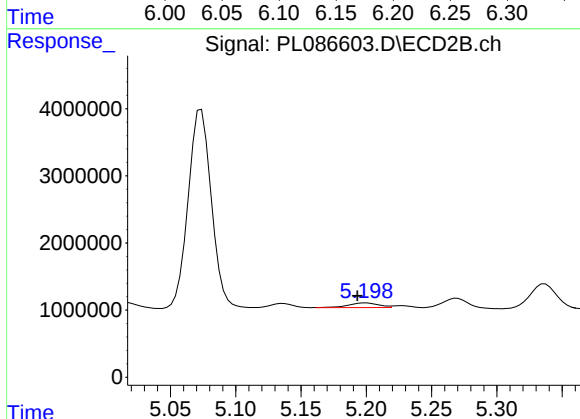
R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 36597280  
Conc: 35.65 ng/ml



#13 Dieldrin

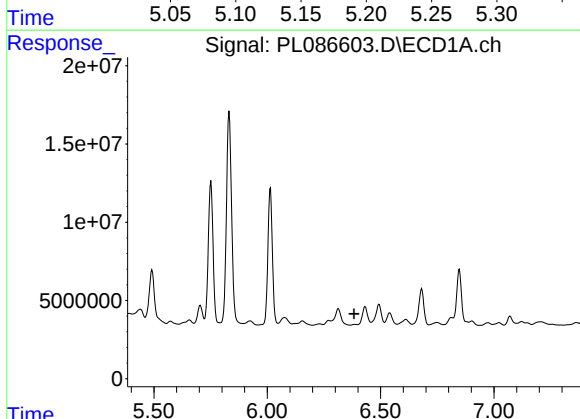
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 4000800  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



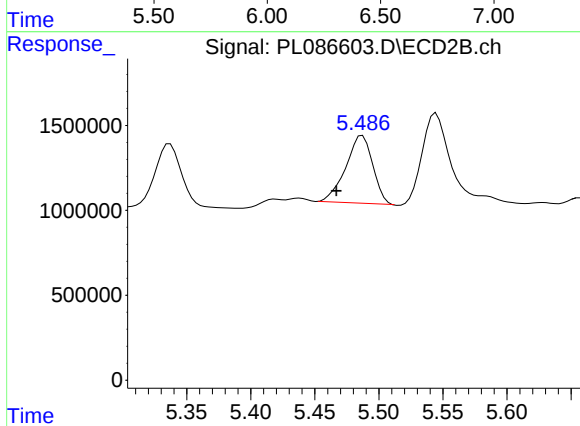
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: 0.006 min  
Response: 1099628  
Conc: 0.92 ng/ml



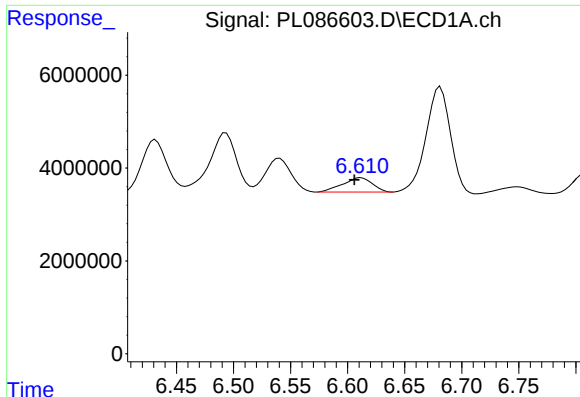
#14 Endrin

R.T.: 6.386 min  
Delta R.T.: 0.003 min  
Response: -881613  
Conc: N.D.



#14 Endrin

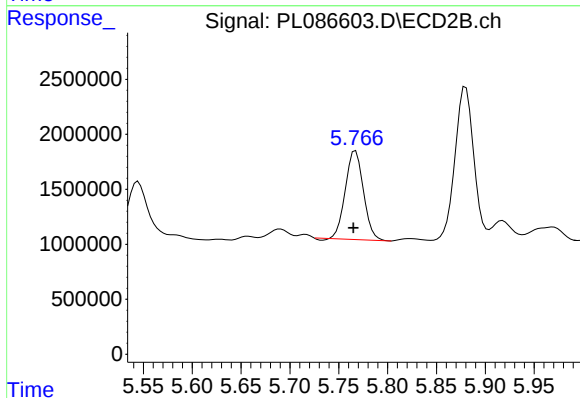
R.T.: 5.487 min  
Delta R.T.: 0.020 min  
Response: 5803409  
Conc: 5.30 ng/ml



#15 Endosulfan II

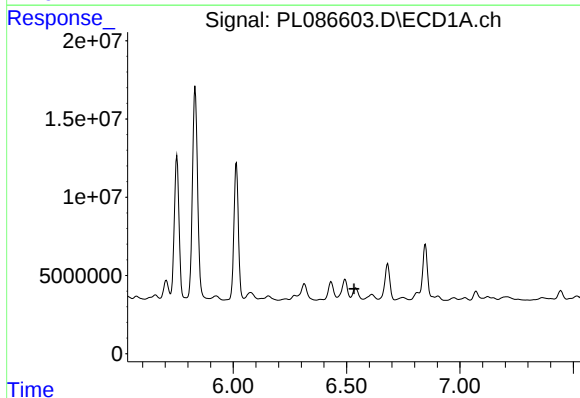
R.T.: 6.612 min  
Delta R.T.: 0.006 min  
Response: 5558737  
Conc: 1.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



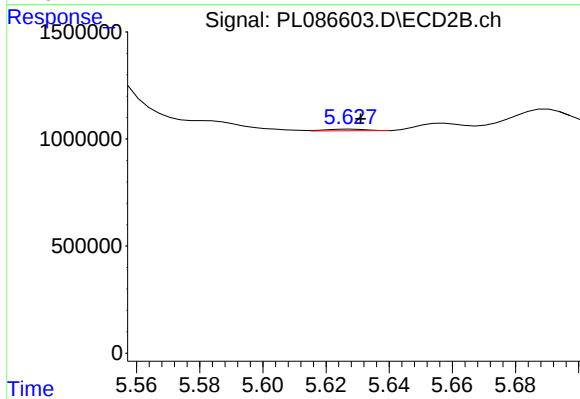
#15 Endosulfan II

R.T.: 5.767 min  
Delta R.T.: 0.002 min  
Response: 10377055  
Conc: 9.45 ng/ml



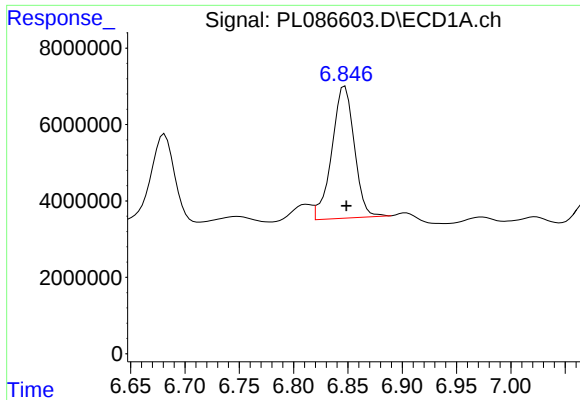
#16 4,4'-DDD

R.T.: 6.540 min  
Delta R.T.: 0.007 min  
Response: -7756631  
Conc: N.D.



#16 4,4'-DDD

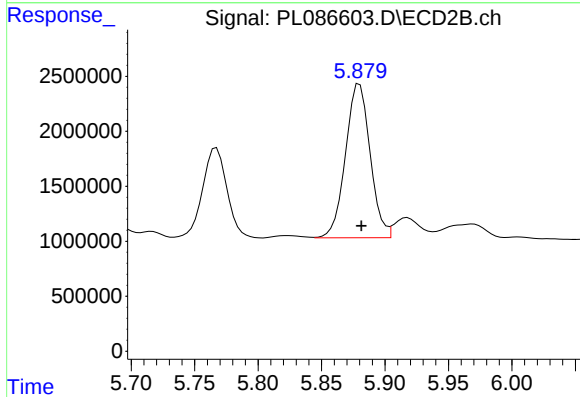
R.T.: 5.628 min  
Delta R.T.: -0.003 min  
Response: 67493  
Conc: 0.08 ng/ml



#17 4,4'-DDT

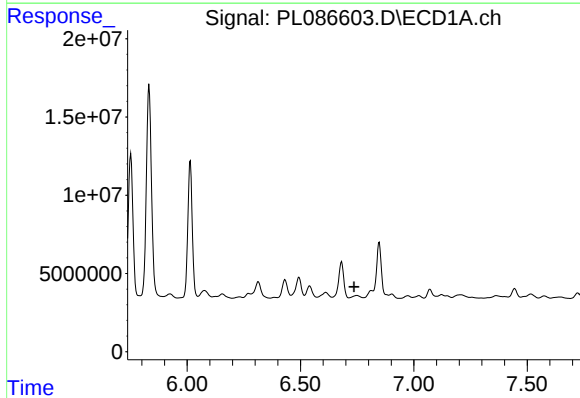
R.T.: 6.847 min  
Delta R.T.: -0.001 min  
Response: 49681899  
Conc: 16.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



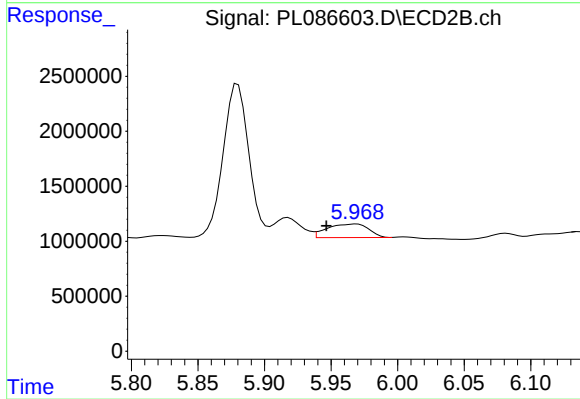
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.001 min  
Response: 18879959  
Conc: 19.31 ng/ml



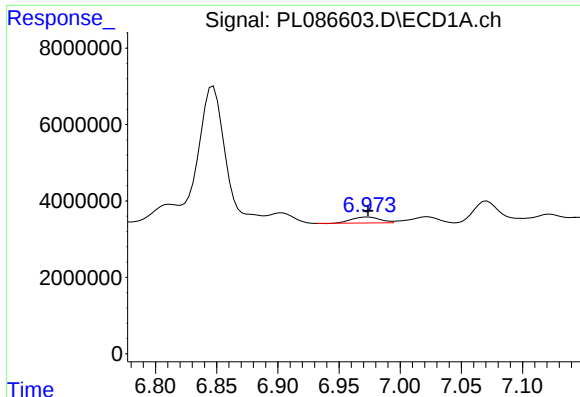
#18 Endrin aldehyde

R.T.: 6.749 min  
Delta R.T.: 0.012 min  
Response: -8417039  
Conc: N.D.



#18 Endrin aldehyde

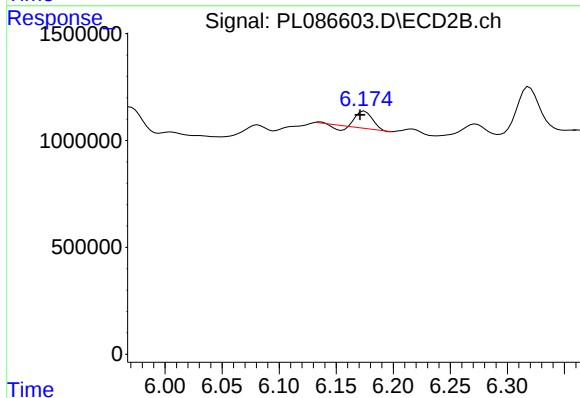
R.T.: 5.969 min  
Delta R.T.: 0.022 min  
Response: 2670773  
Conc: 2.85 ng/ml



#19 Endosulfan Sulfate

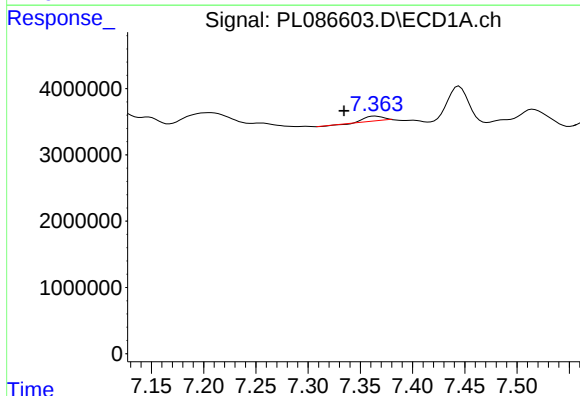
R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 2469637  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



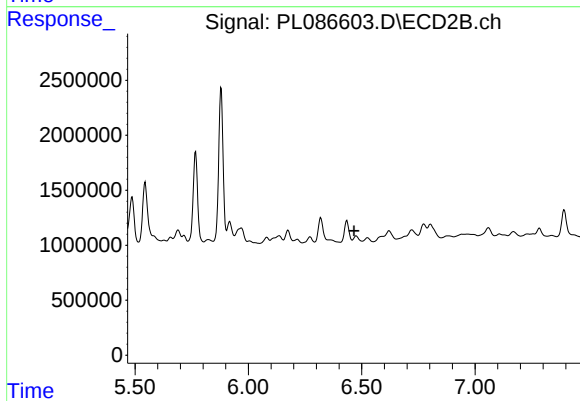
#19 Endosulfan Sulfate

R.T.: 6.175 min  
Delta R.T.: 0.004 min  
Response: 690748  
Conc: 0.64 ng/ml



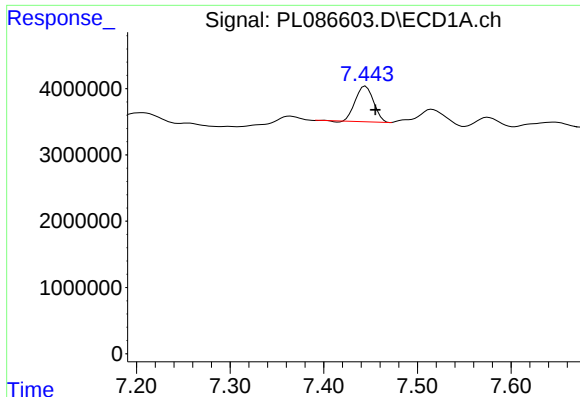
#20 Methoxychlor

R.T.: 7.364 min  
Delta R.T.: 0.030 min  
Response: 841891  
Conc: 0.53 ng/ml



#20 Methoxychlor

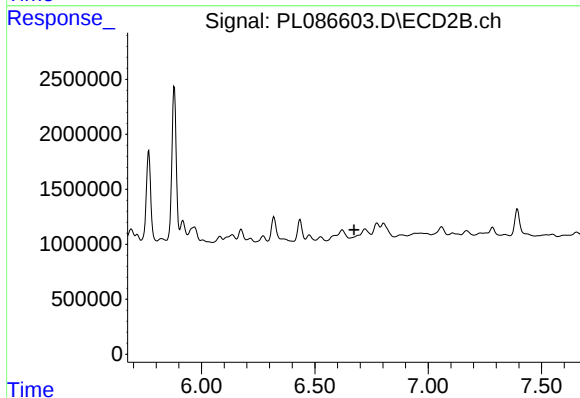
R.T.: 6.475 min  
Delta R.T.: 0.009 min  
Response: -841358  
Conc: N.D.



#21 Endrin ketone

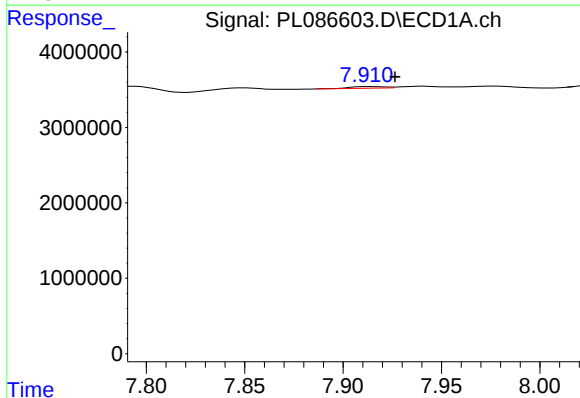
R.T.: 7.445 min  
Delta R.T.: -0.011 min  
Response: 7230306  
Conc: 2.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



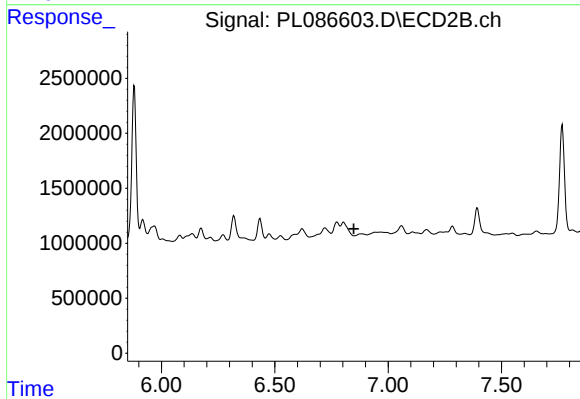
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.673 min  
Response: 0  
Conc: N.D.



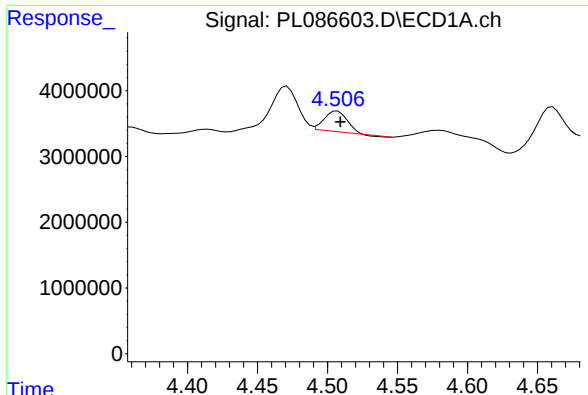
#22 Mirex

R.T.: 7.914 min  
Delta R.T.: -0.013 min  
Response: 273266  
Conc: 0.10 ng/ml



#22 Mirex

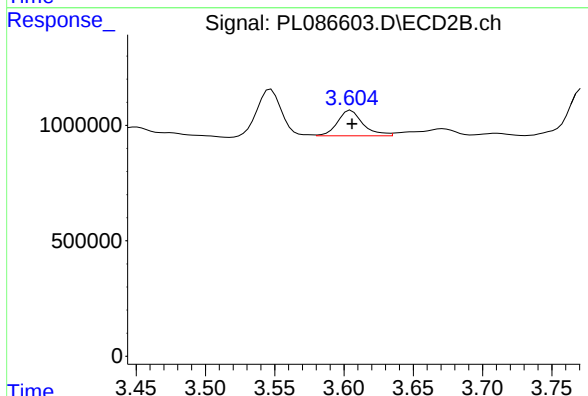
R.T.: 0.000 min  
Exp R.T. : 6.849 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

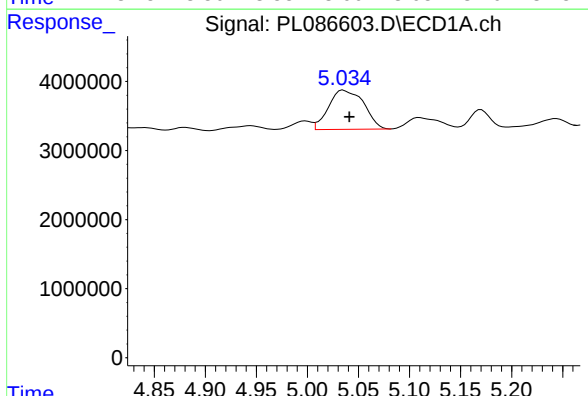
R.T.: 4.507 min  
Delta R.T.: -0.002 min  
Response: 3514922  
Conc: 25.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



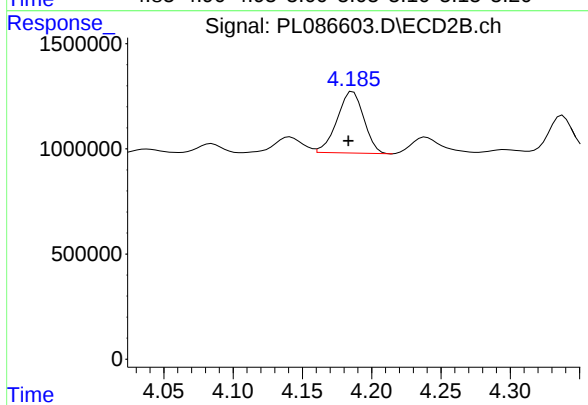
#23 Chlordane-1

R.T.: 3.605 min  
Delta R.T.: 0.000 min  
Response: 1413405  
Conc: 40.34 ng/ml



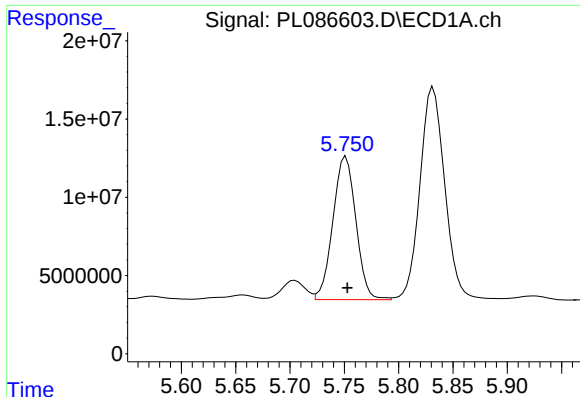
#24 Chlordane-2

R.T.: 5.035 min  
Delta R.T.: -0.006 min  
Response: 13639724  
Conc: 89.99 ng/ml



#24 Chlordane-2

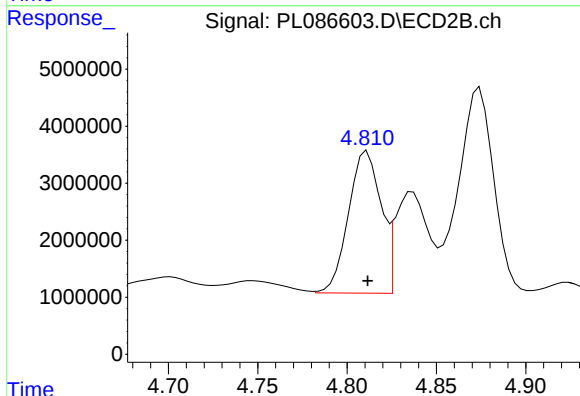
R.T.: 4.186 min  
Delta R.T.: 0.003 min  
Response: 3928151  
Conc: 86.97 ng/ml



#25 Chlordane-3

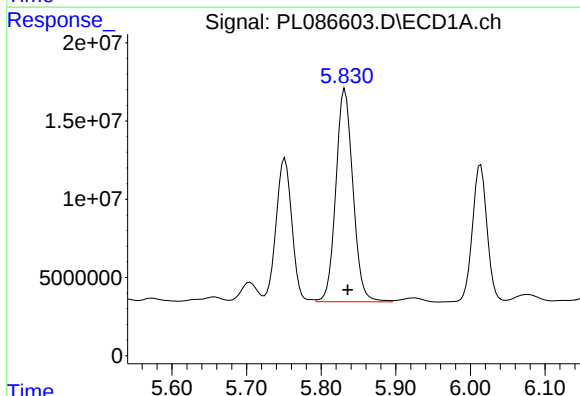
R.T.: 5.751 min  
Delta R.T.: -0.001 min  
Response: 134630945  
Conc: 232.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



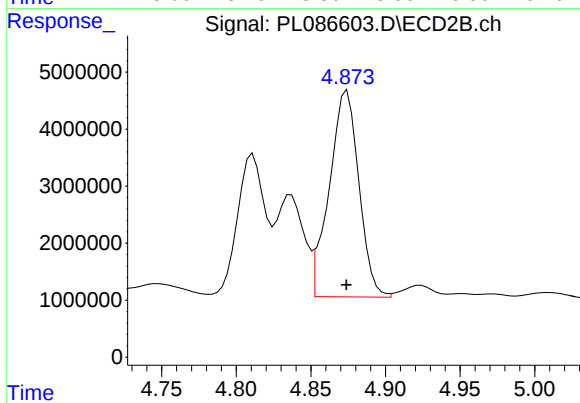
#25 Chlordane-3

R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 31579823  
Conc: 267.82 ng/ml



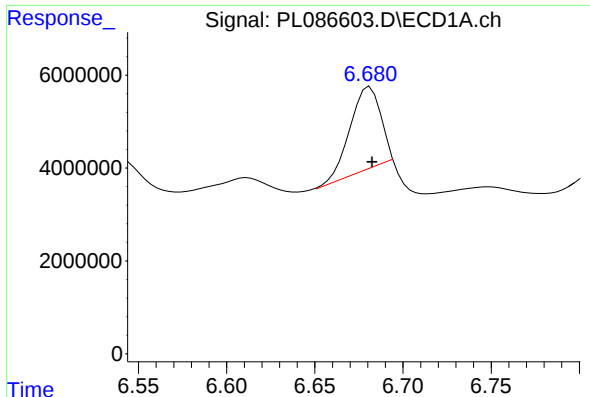
#26 Chlordane-4

R.T.: 5.832 min  
Delta R.T.: -0.004 min  
Response: 216540438  
Conc: 302.88 ng/ml



#26 Chlordane-4

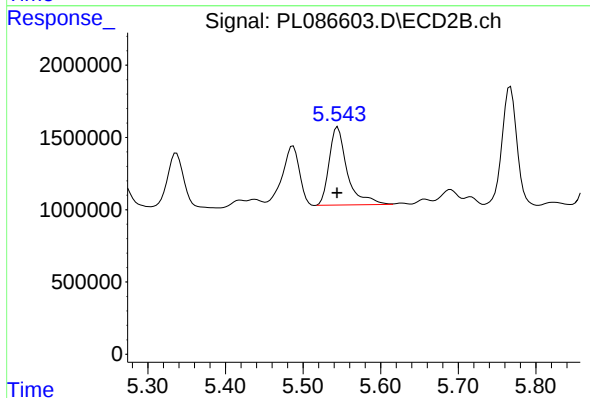
R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 50001592  
Conc: 391.63 ng/ml



#27 Chlordane-5

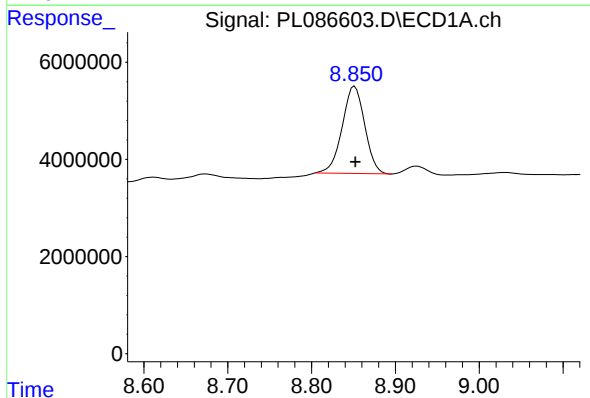
R.T.: 6.681 min  
Delta R.T.: -0.001 min  
Response: 21923188  
Conc: 168.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



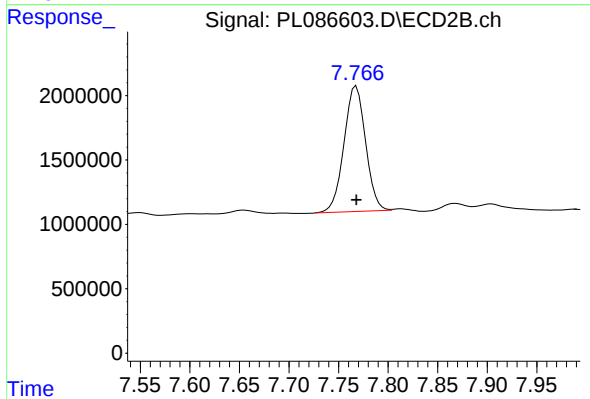
#27 Chlordane-5

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 8766329  
Conc: 241.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.851 min  
Delta R.T.: 0.000 min  
Response: 33563037  
Conc: 11.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 14794034  
Conc: 12.25 ng/ml