

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121323\  
 Data File : PL087144.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2023 18:13  
 Operator : AR\AJ  
 Sample : 05791-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 23:35:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 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... | 3.457  | 2.705  | 51444842 | 16370500 | 14.100 | 16.575   |
| 28)                         | SA Decachlor... | 9.052  | 7.902  | 30089384 | 8612044  | 9.941  | 8.407    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.884f | 3.197  | 989164   | 349925   | 0.188  | 0.265 #  |
| 3)                          | MA gamma-BHC... | 4.268f | 3.538  | 1394757  | 438665   | 0.284  | 0.335    |
| 4)                          | MA Heptachlor   | 0.000  | 3.880  | 0        | 465581   | N.D.   | 0.359 #  |
| 5)                          | MB Aldrin       | 5.169f | 4.139f | 547124   | 76005    | 0.114  | 0.062 #  |
| 6)                          | B beta-BHC      | 4.473f | 3.818f | 289277   | 337671   | 0.138  | 0.566 #  |
| 7)                          | B delta-BHC     | 4.703  | 4.078  | 9436443  | 72385    | 2.063  | 0.056 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.676  | 0        | 170281   | N.D.   | 0.148 #  |
| 9)                          | A Endosulfan I  | 5.979f | 5.059  | 1137847  | 1387294  | 0.282  | 1.141 #  |
| 10)                         | B gamma-Chl...  | 5.897f | 0.000  | 1040657  | 0        | 0.243  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.960  | 4.997  | 2307383  | 5162126  | 0.540  | 4.103 #  |
| 12)                         | B 4,4'-DDE      | 6.132  | 5.191  | 741405   | 55709    | 0.226  | 0.054 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.326  | 0        | 303903   | N.D.   | 0.261 #  |
| 15)                         | B Endosulfa...  | 6.741  | 5.869f | 5744493  | 1268108  | 1.585  | 1.296    |
| 16)                         | A 4,4'-DDD      | 6.655  | 0.000  | 3264608  | 0        | 1.342  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.968f | 0.000  | 1323378  | 0        | 0.468  | N.D. #   |
| 18)                         | B Endrin al...  | 0.000  | 6.084  | 0        | 1174477  | N.D.   | 1.474 #  |
| 19)                         | B Endosulfa...  | 7.116  | 0.000  | 137126   | 0        | 0.042  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.604  | 0        | 89350    | N.D.   | 0.164 #  |
| 22)                         | Mirex           | 8.066  | 0.000  | 2074650  | 0        | 0.705  | N.D. #   |
| 23)                         | Chlordane-1     | 4.639  | 3.725f | 392629   | 1014898  | 2.637  | 30.011 # |
| 24)                         | Chlordane-2     | 5.169  | 4.274f | 547124   | 209393   | 3.445  | 4.921 #  |
| 25)                         | Chlordane-3     | 5.897f | 0.000  | 1040657  | 0        | 1.713  | N.D. #   |
| 26)                         | Chlordane-4     | 5.960  | 4.997  | 2307383  | 5162126  | 3.063  | 38.764 # |
| 27)                         | Chlordane-5     | 6.803f | 0.000  | 672872   | 0        | 5.770  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

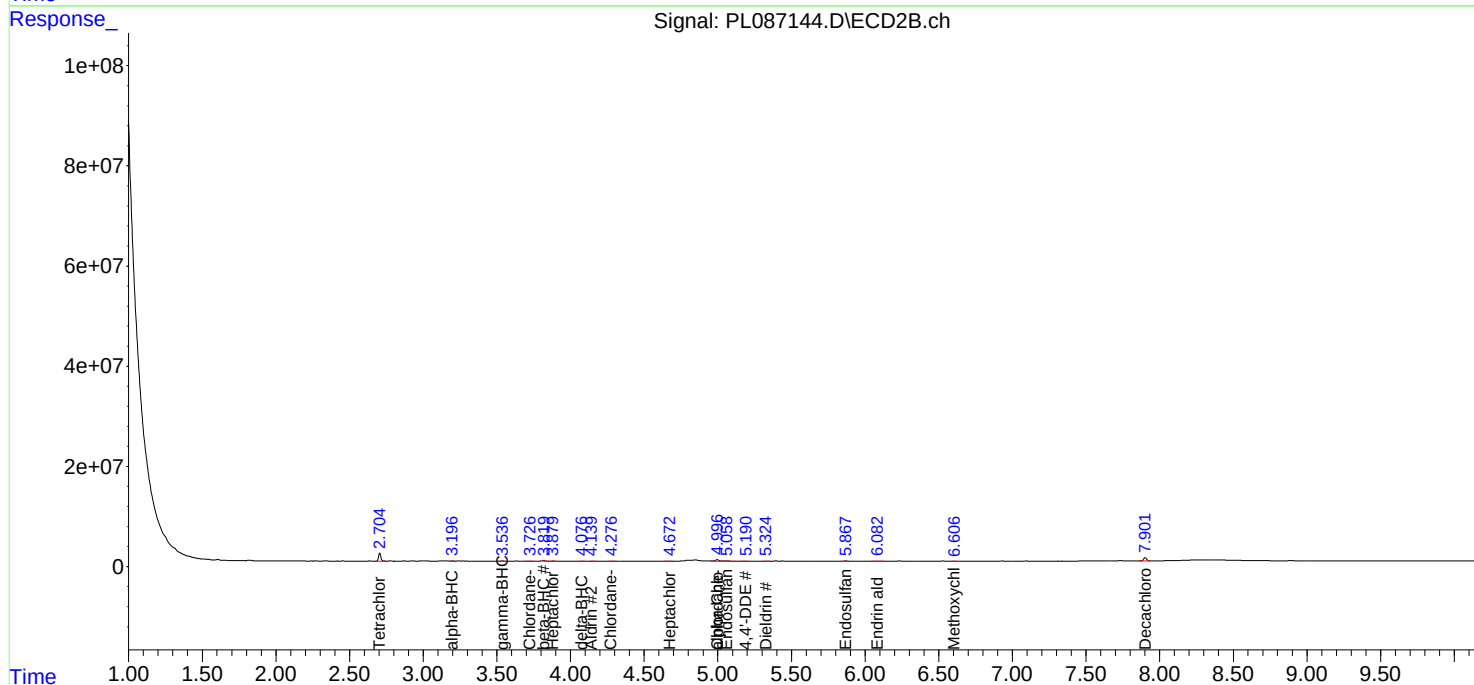
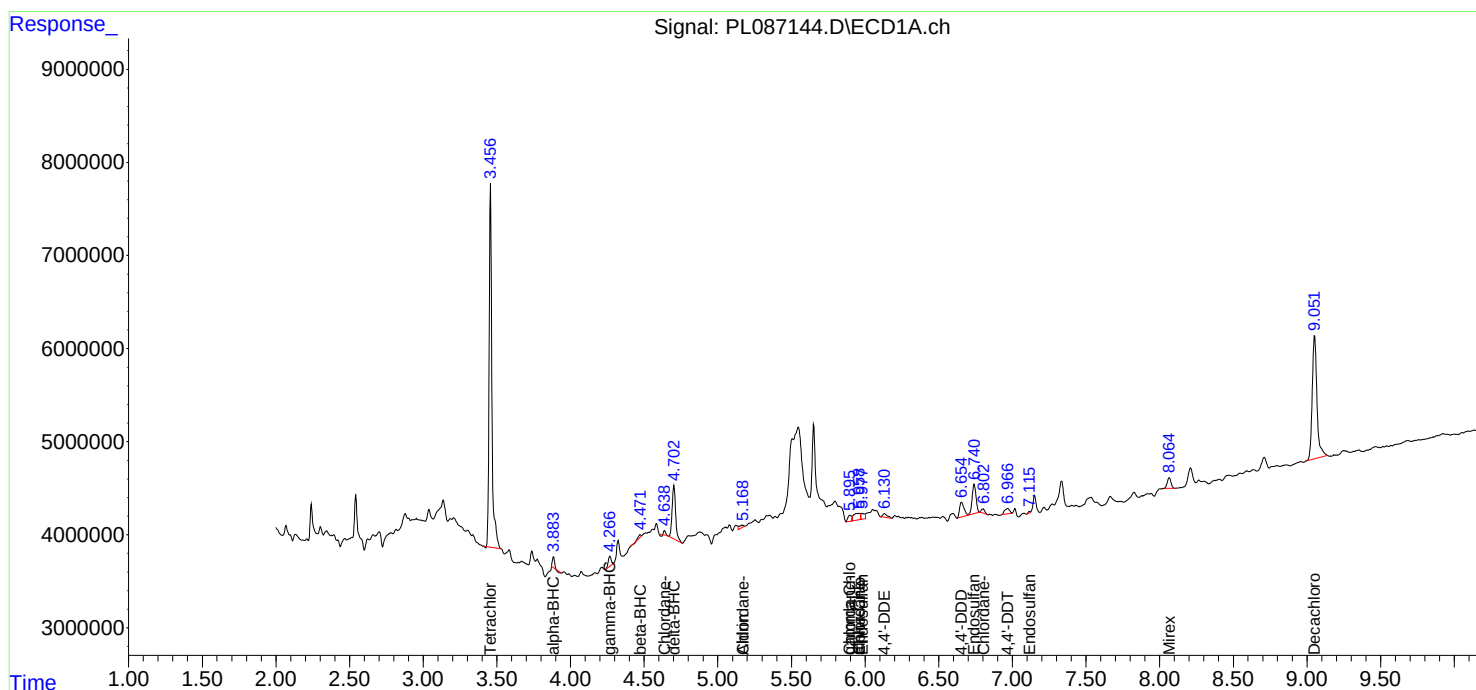
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

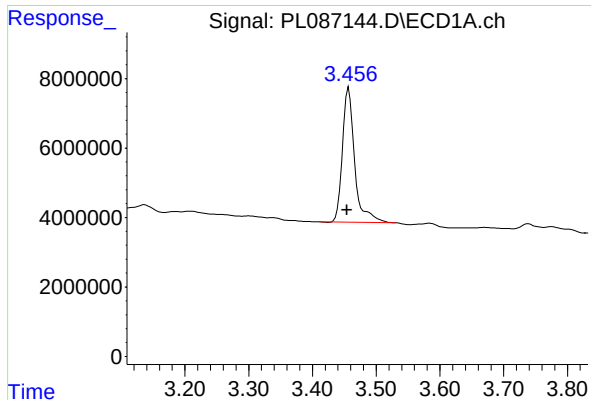
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121323\  
Data File : PL087144.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2023 18:13  
Operator : AR\AJ  
Sample : 05791-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 23:35:30 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 12 17:22:26 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

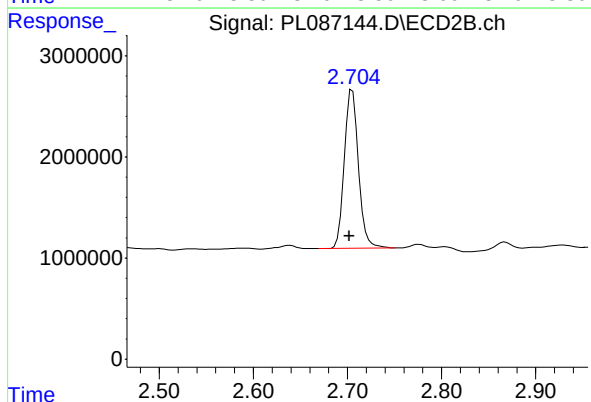




#1 Tetrachloro-m-xylene

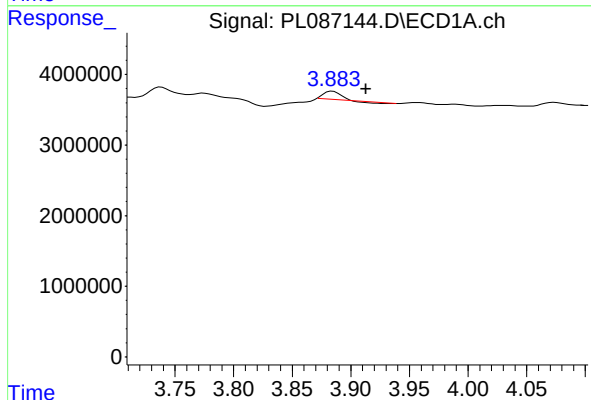
R.T.: 3.457 min  
Delta R.T.: 0.003 min  
Response: 51444842  
Conc: 14.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



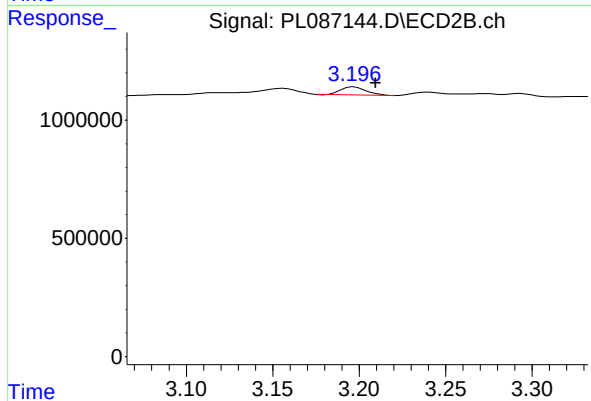
#1 Tetrachloro-m-xylene

R.T.: 2.705 min  
Delta R.T.: 0.003 min  
Response: 16370500  
Conc: 16.58 ng/ml



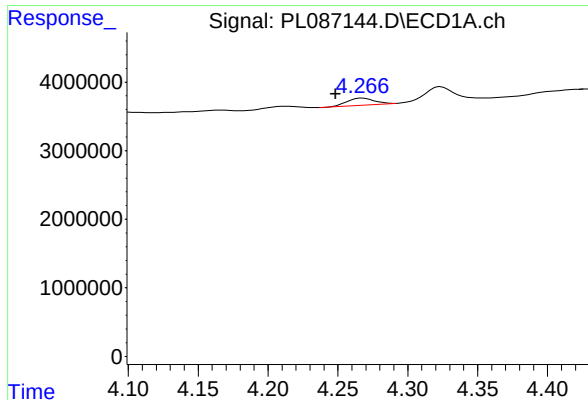
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: -0.029 min  
Response: 989164  
Conc: 0.19 ng/ml



#2 alpha-BHC

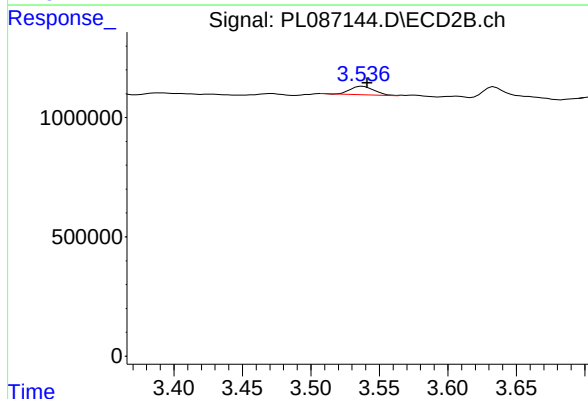
R.T.: 3.197 min  
Delta R.T.: -0.012 min  
Response: 349925  
Conc: 0.26 ng/ml



#3 gamma-BHC (Lindane)

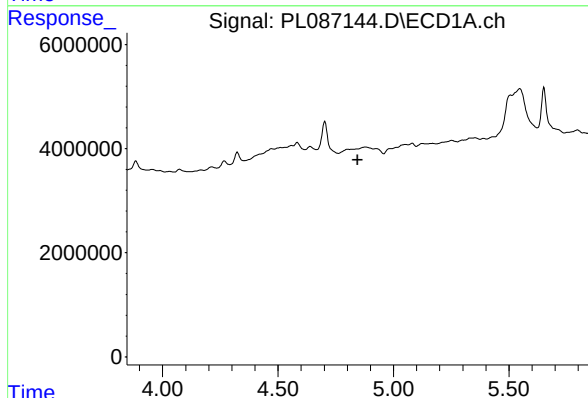
R.T.: 4.268 min  
Delta R.T.: 0.019 min  
Response: 1394757  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



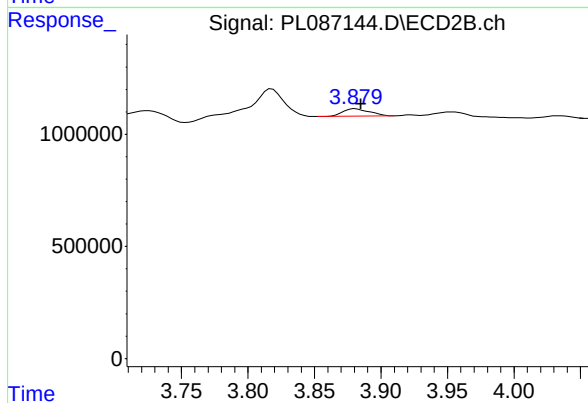
#3 gamma-BHC (Lindane)

R.T.: 3.538 min  
Delta R.T.: -0.003 min  
Response: 438665  
Conc: 0.34 ng/ml



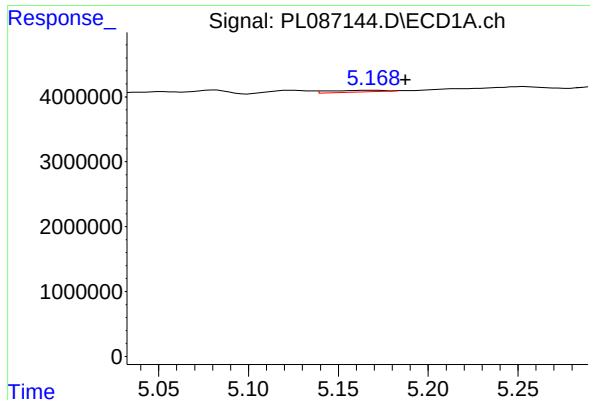
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

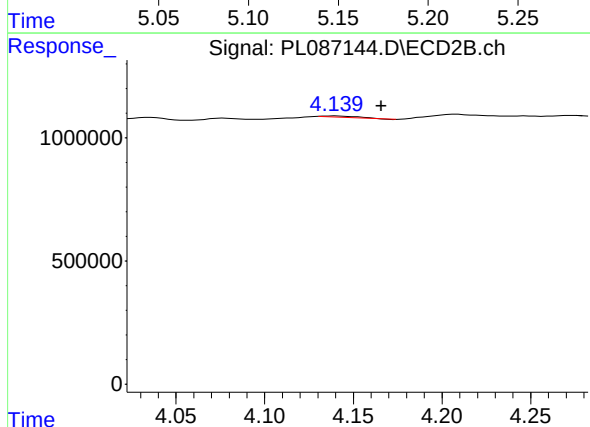
R.T.: 3.880 min  
Delta R.T.: -0.005 min  
Response: 465581  
Conc: 0.36 ng/ml



#5 Aldrin

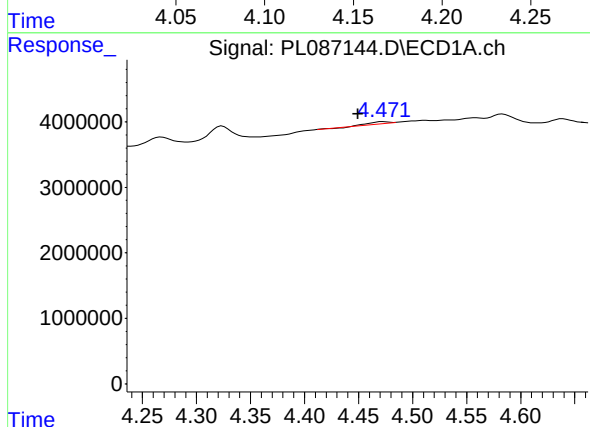
R.T.: 5.169 min  
Delta R.T.: -0.019 min  
Response: 547124  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



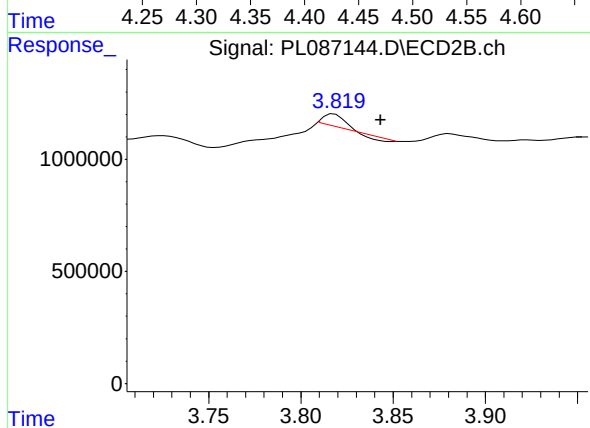
#5 Aldrin

R.T.: 4.139 min  
Delta R.T.: -0.027 min  
Response: 76005  
Conc: 0.06 ng/ml



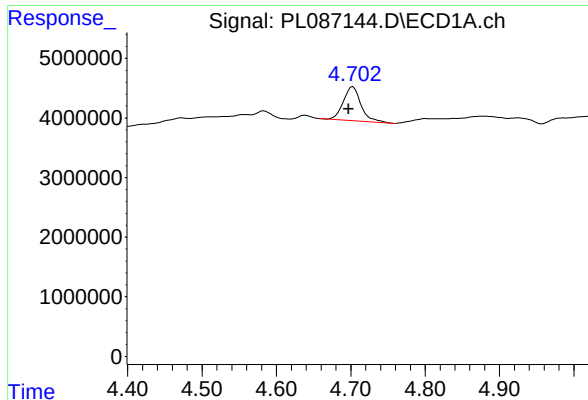
#6 beta-BHC

R.T.: 4.473 min  
Delta R.T.: 0.023 min  
Response: 289277  
Conc: 0.14 ng/ml



#6 beta-BHC

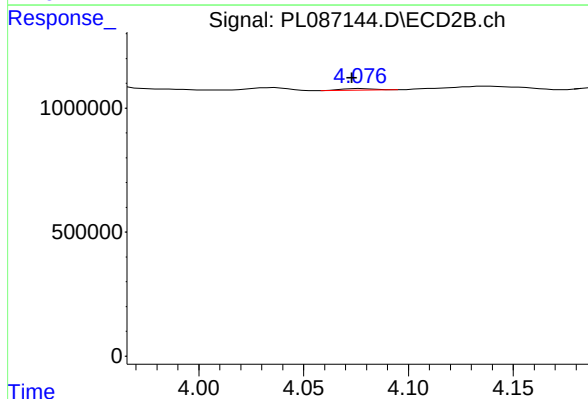
R.T.: 3.818 min  
Delta R.T.: -0.025 min  
Response: 337671  
Conc: 0.57 ng/ml



#7 delta-BHC

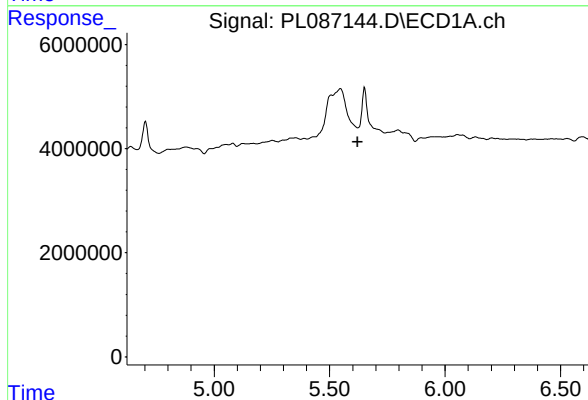
R.T.: 4.703 min  
Delta R.T.: 0.006 min  
Response: 9436443  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



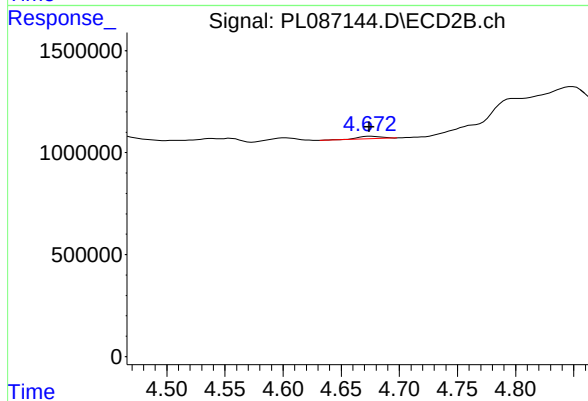
#7 delta-BHC

R.T.: 4.078 min  
Delta R.T.: 0.005 min  
Response: 72385  
Conc: 0.06 ng/ml



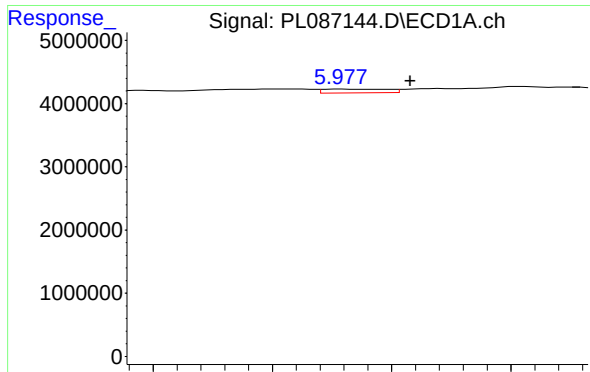
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

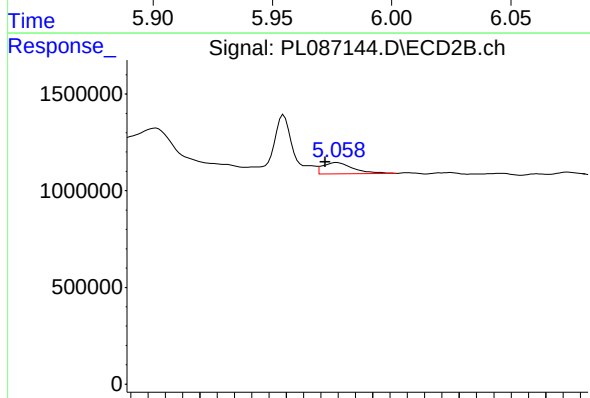
R.T.: 4.676 min  
Delta R.T.: 0.002 min  
Response: 170281  
Conc: 0.15 ng/ml



#9 Endosulfan I

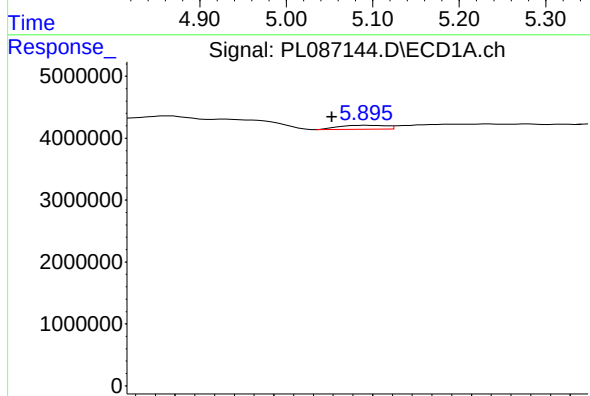
R.T.: 5.979 min  
Delta R.T.: -0.029 min  
Response: 1137847  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



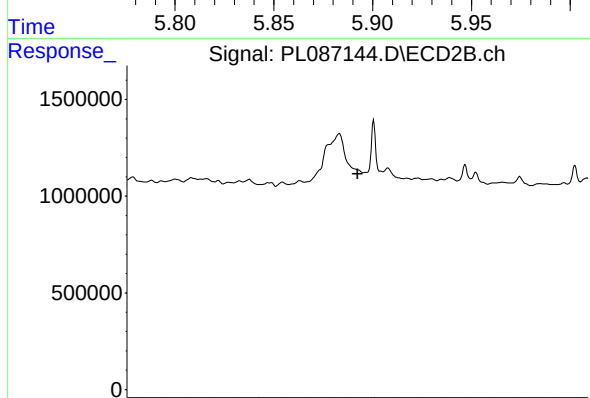
#9 Endosulfan I

R.T.: 5.059 min  
Delta R.T.: 0.014 min  
Response: 1387294  
Conc: 1.14 ng/ml



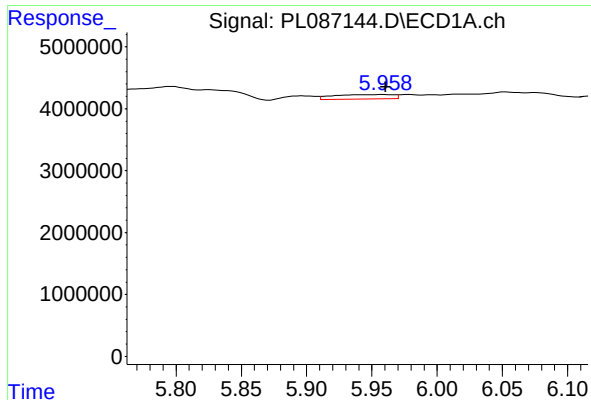
#10 gamma-Chlordane

R.T.: 5.897 min  
Delta R.T.: 0.017 min  
Response: 1040657  
Conc: 0.24 ng/ml



#10 gamma-Chlordane

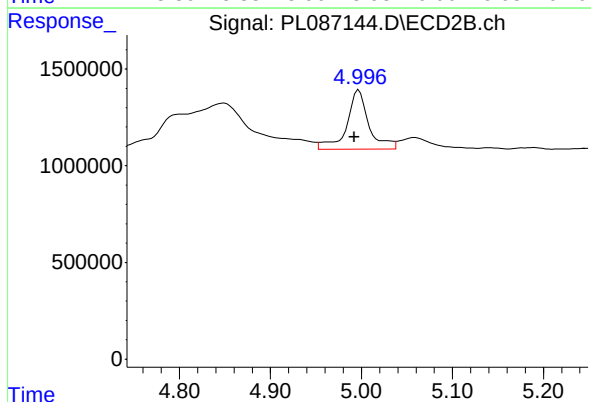
R.T.: 0.000 min  
Exp R.T.: 4.928 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

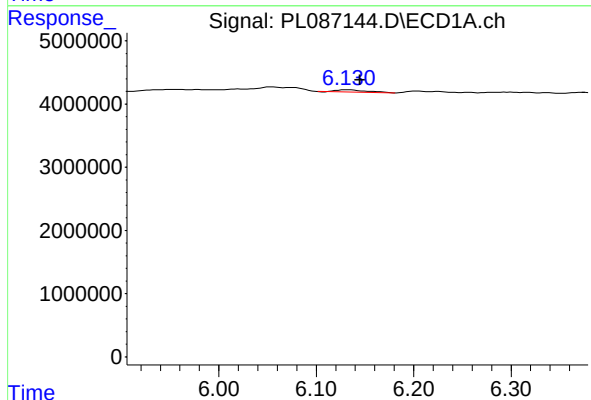
R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 2307383  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



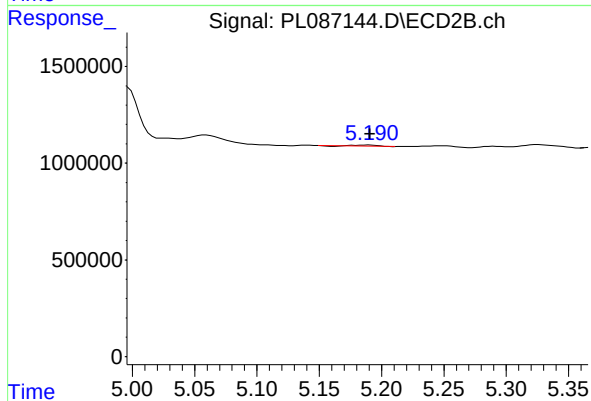
#11 alpha-Chlordane

R.T.: 4.997 min  
Delta R.T.: 0.005 min  
Response: 5162126  
Conc: 4.10 ng/ml



#12 4,4'-DDE

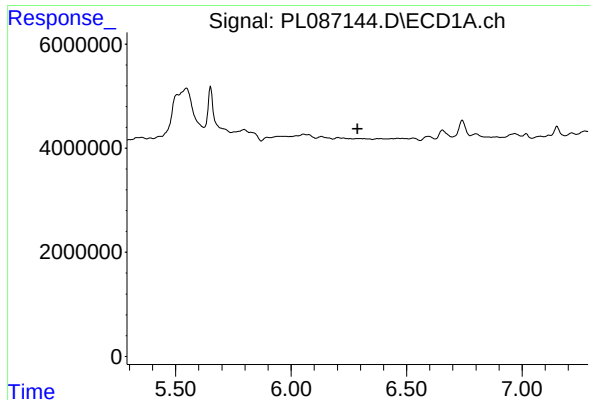
R.T.: 6.132 min  
Delta R.T.: -0.013 min  
Response: 741405  
Conc: 0.23 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 55709  
Conc: 0.05 ng/ml

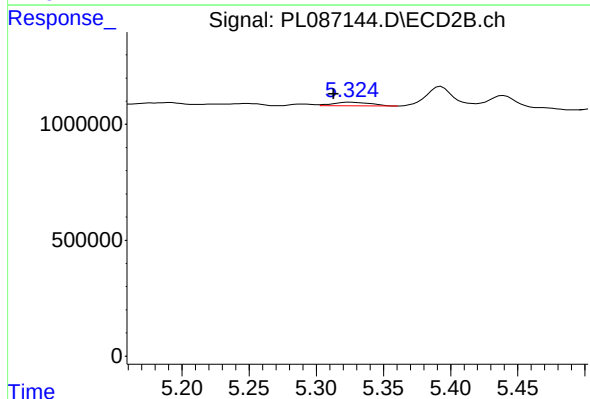




#13 Dieldrin

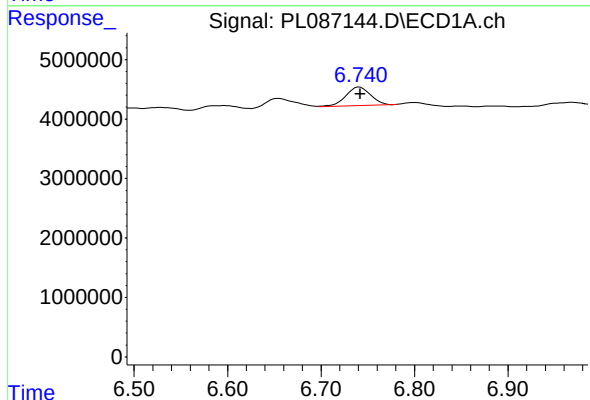
R.T.: 0.000 min  
Exp R.T.: 6.288 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



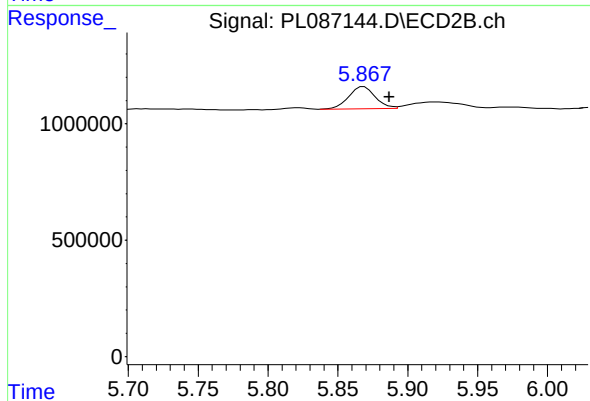
#13 Dieldrin

R.T.: 5.326 min  
Delta R.T.: 0.013 min  
Response: 303903  
Conc: 0.26 ng/ml



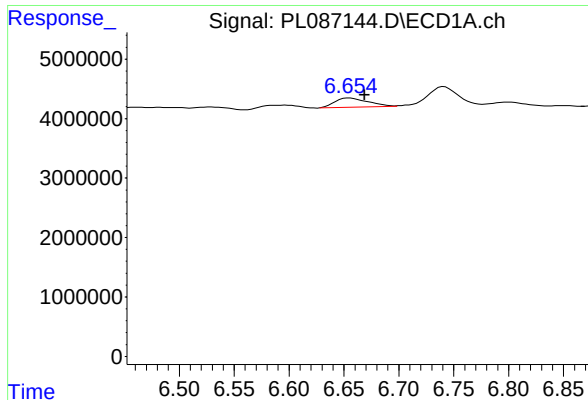
#15 Endosulfan II

R.T.: 6.741 min  
Delta R.T.: -0.001 min  
Response: 5744493  
Conc: 1.59 ng/ml



#15 Endosulfan II

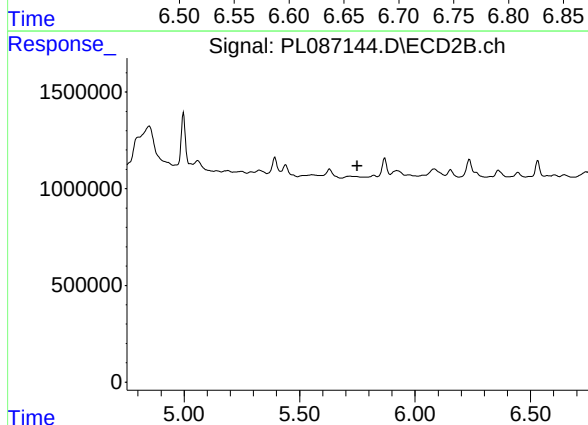
R.T.: 5.869 min  
Delta R.T.: -0.018 min  
Response: 1268108  
Conc: 1.30 ng/ml



#16 4,4'-DDD

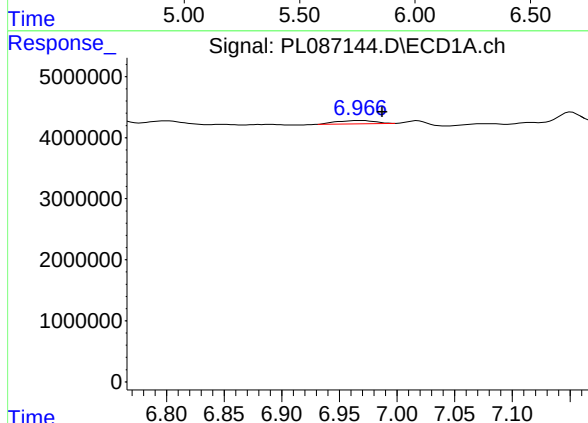
R.T.: 6.655 min  
Delta R.T.: -0.014 min  
Response: 3264608  
Conc: 1.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



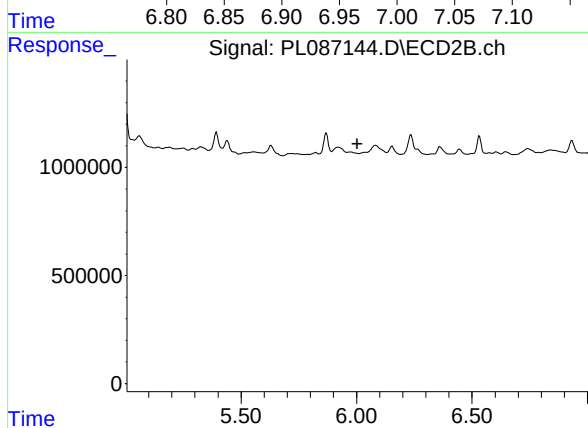
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.750 min  
Response: 0  
Conc: N.D.



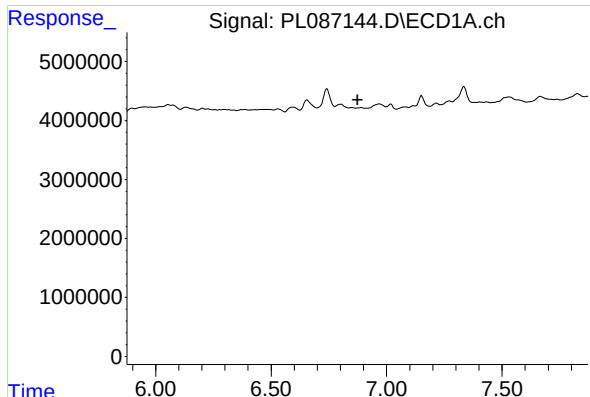
#17 4,4'-DDT

R.T.: 6.968 min  
Delta R.T.: -0.020 min  
Response: 1323378  
Conc: 0.47 ng/ml



#17 4,4'-DDT

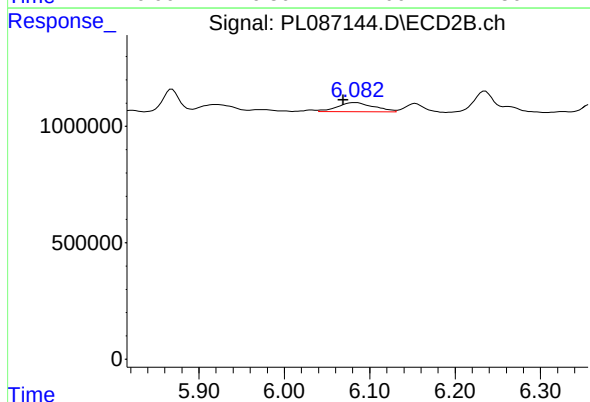
R.T.: 0.000 min  
Exp R.T.: 6.003 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

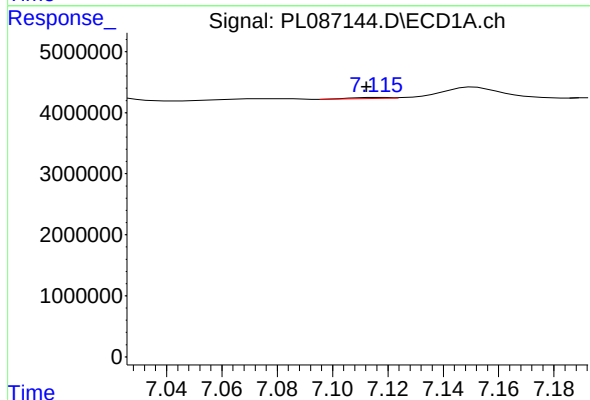
R.T.: 0.000 min  
Exp R.T.: 6.874 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



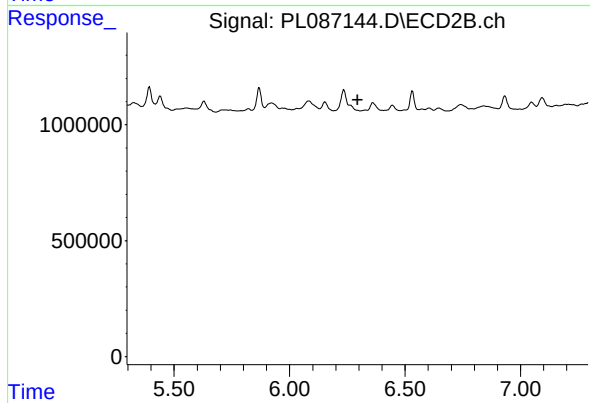
#18 Endrin aldehyde

R.T.: 6.084 min  
Delta R.T.: 0.014 min  
Response: 1174477  
Conc: 1.47 ng/ml



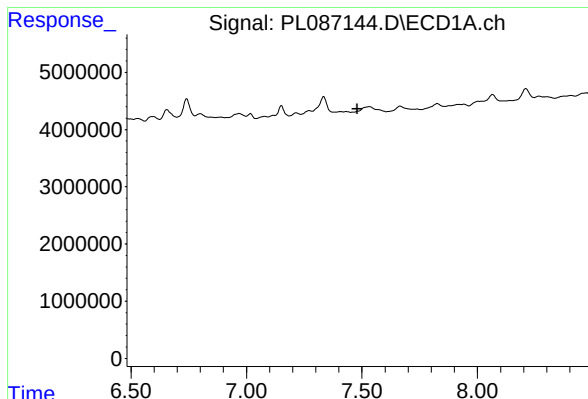
#19 Endosulfan Sulfate

R.T.: 7.116 min  
Delta R.T.: 0.004 min  
Response: 137126  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

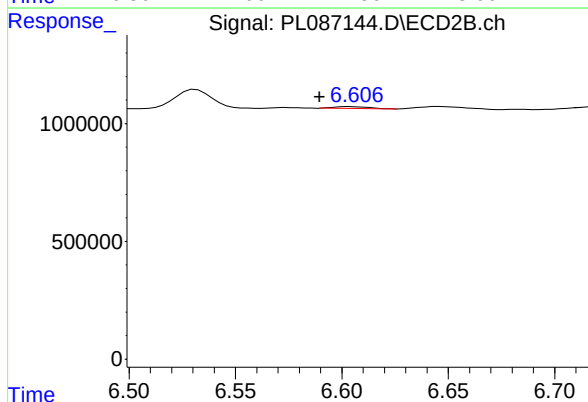
R.T.: 0.000 min  
Exp R.T.: 6.294 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

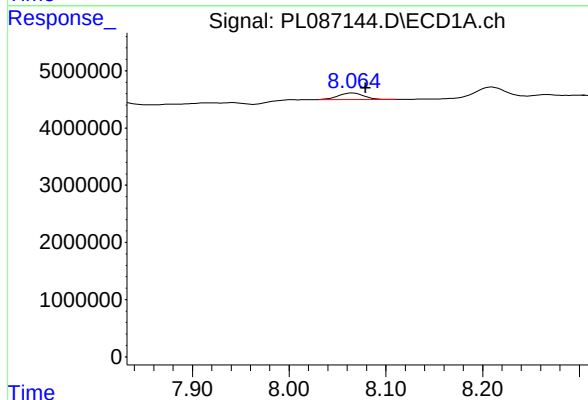
R.T.: 0.000 min  
Exp R.T.: 7.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



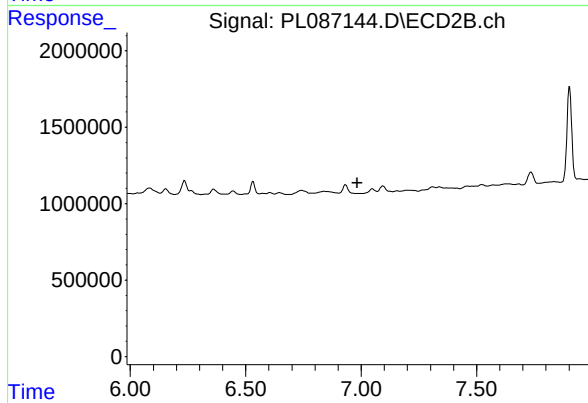
#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: 0.014 min  
Response: 89350  
Conc: 0.16 ng/ml



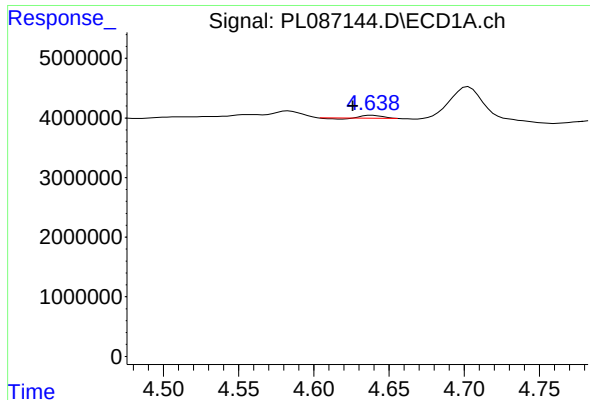
#22 Mirex

R.T.: 8.066 min  
Delta R.T.: -0.013 min  
Response: 2074650  
Conc: 0.70 ng/ml



#22 Mirex

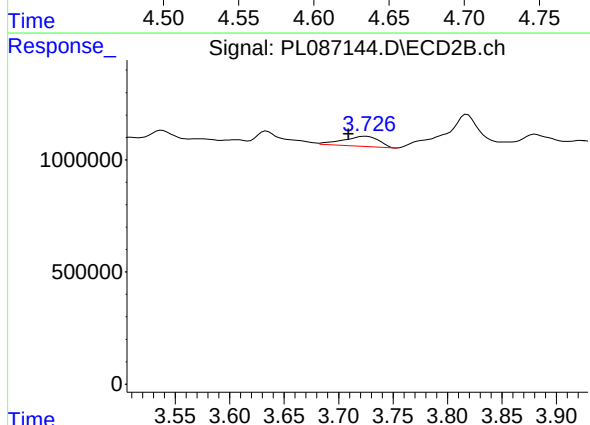
R.T.: 0.000 min  
Exp R.T.: 6.983 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

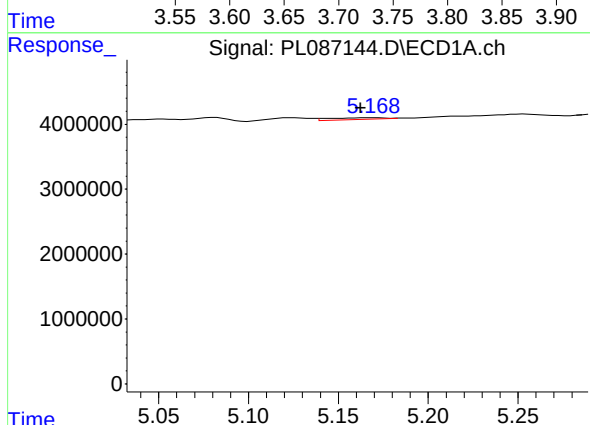
R.T.: 4.639 min  
Delta R.T.: 0.013 min  
Response: 392629  
Conc: 2.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



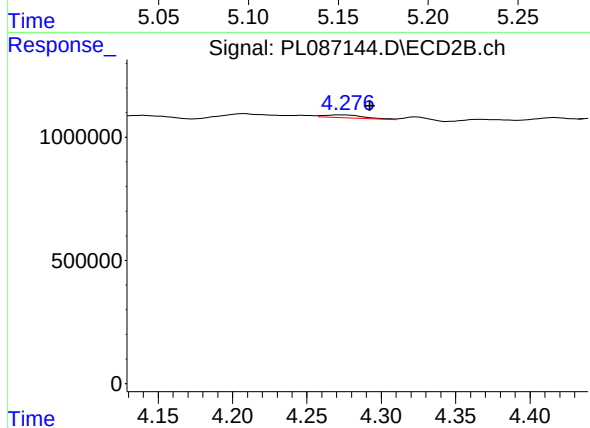
#23 Chlordane-1

R.T.: 3.725 min  
Delta R.T.: 0.016 min  
Response: 1014898  
Conc: 30.01 ng/ml



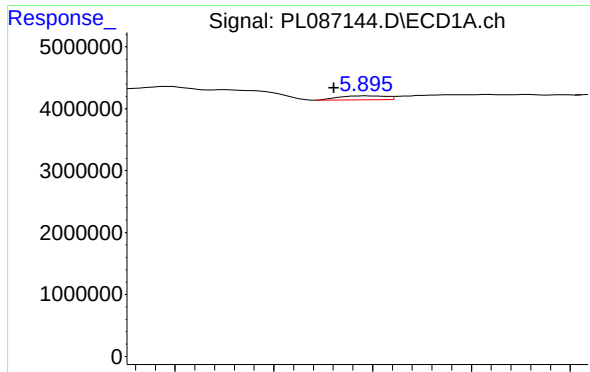
#24 Chlordane-2

R.T.: 5.169 min  
Delta R.T.: 0.006 min  
Response: 547124  
Conc: 3.44 ng/ml



#24 Chlordane-2

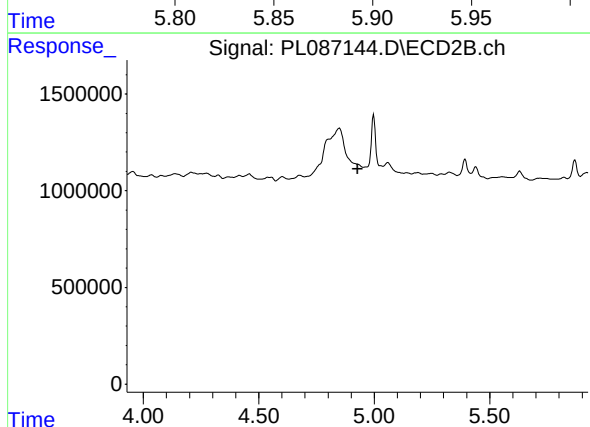
R.T.: 4.274 min  
Delta R.T.: -0.018 min  
Response: 209393  
Conc: 4.92 ng/ml



#25 Chlordane-3

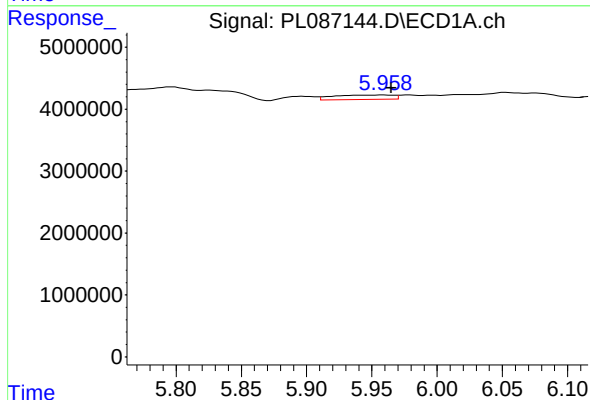
R.T.: 5.897 min  
Delta R.T.: 0.016 min  
Response: 1040657  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



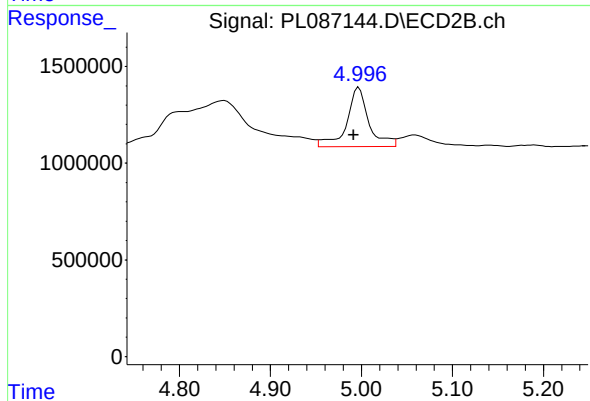
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 4.928 min  
Response: 0  
Conc: N.D.



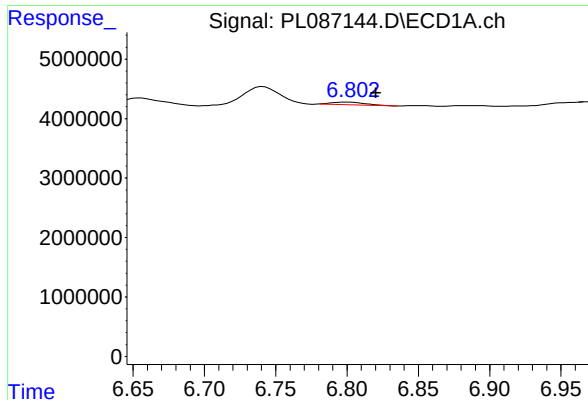
#26 Chlordane-4

R.T.: 5.960 min  
Delta R.T.: -0.005 min  
Response: 2307383  
Conc: 3.06 ng/ml



#26 Chlordane-4

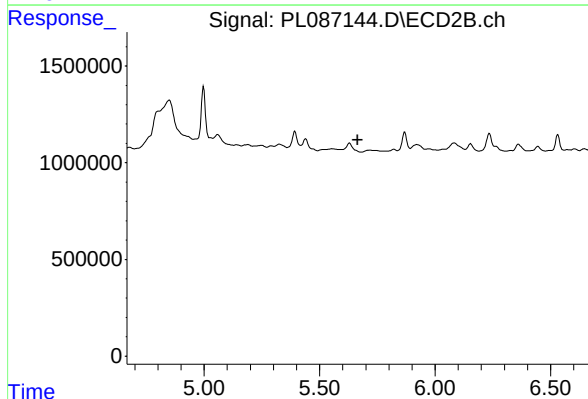
R.T.: 4.997 min  
Delta R.T.: 0.006 min  
Response: 5162126  
Conc: 38.76 ng/ml



#27 Chlordane-5

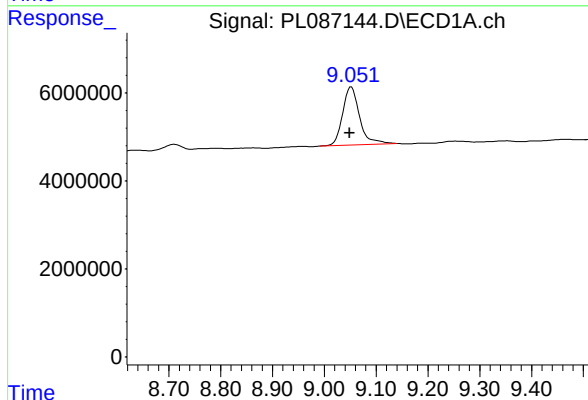
R.T.: 6.803 min  
Delta R.T.: -0.018 min  
Response: 672872  
Conc: 5.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



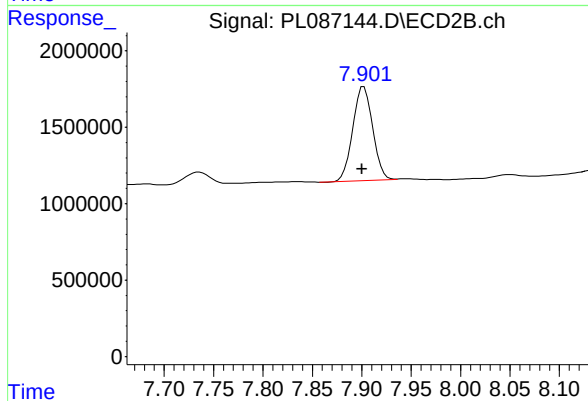
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 5.665 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.003 min  
Response: 30089384  
Conc: 9.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: 0.002 min  
Response: 8612044  
Conc: 8.41 ng/ml