

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
 Data File : PL082891.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2023 20:10  
 Operator : AR\AJ  
 Sample : 02864-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 21:53:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.316  | 2.637  | 22076931 | 20206643 | 7.512 | 7.783    |
| 28)                         | SA Decachlor... | 8.731  | 7.742  | 19451745 | 23360902 | 9.275 | 9.395    |
| Target Compounds            |                 |        |        |          |          |       |          |
| 3)                          | MA gamma-BHC... | 4.098  | 3.478f | 342732   | 380189   | 0.083 | 0.114 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.809f | 0        | 3727318  | N.D.  | 1.018 #  |
| 5)                          | MB Aldrin       | 5.000  | 4.087f | 564923   | 1860722  | 0.161 | 0.572 #  |
| 6)                          | B beta-BHC      | 4.295  | 3.759  | 149850   | -106447  | 0.080 | N.D. #   |
| 7)                          | B delta-BHC     | 4.550  | 3.989  | 3599747  | 1382495  | 1.047 | 0.422 #  |
| 8)                          | B Heptachlo...  | 5.432  | 4.569  | 4603655  | 737447   | 1.439 | 0.248 #  |
| 9)                          | A Endosulfan I  | 5.804f | 0.000  | 408687   | 0        | 0.136 | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.713f | 4.797f | 3696425  | 7601026  | 1.164 | 2.531 #  |
| 11)                         | B alpha-Chl...  | 5.771  | 4.871  | 1689114  | 3518392  | 0.526 | 1.172 #  |
| 12)                         | B 4,4'-DDE      | 5.943  | 5.069  | 11527625 | 6699492  | 4.182 | 2.758 #  |
| 13)                         | MA Dieldrin     | 6.093  | 5.203  | 1183578  | 7829480  | 0.393 | 2.774 #  |
| 14)                         | MA Endrin       | 6.321  | 5.482  | 5226806  | -1627748 | 1.945 | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.467  | 5.624  | 8463716  | 85870    | 3.895 | 0.045 #  |
| 17)                         | MA 4,4'-DDT     | 6.770  | 5.869  | 6071039  | 14538456 | 2.425 | 6.516 #  |
| 18)                         | B Endrin al...  | 6.684  | 5.963  | 390147   | 2415688  | 0.194 | 1.222 #  |
| 19)                         | B Endosulfa...  | 6.883f | 6.164  | 1705658  | 5444202  | 0.665 | 2.223 #  |
| 20)                         | A Methoxychlor  | 7.252  | 0.000  | 1267150  | 0        | 0.958 | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.701f | 0        | 15865766 | N.D.  | 5.868 #  |
| 22)                         | Mirex           | 0.000  | 6.879f | 0        | 9417     | N.D.  | 0.004 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.622  | 0        | 763980   | N.D.  | 9.259 #  |
| 24)                         | Chlordane-2     | 5.000  | 4.192  | 564923   | 116296   | 5.128 | 1.306 #  |
| 25)                         | Chlordane-3     | 5.713f | 4.797f | 3696425  | 7601026  | 8.909 | 28.521 # |
| 26)                         | Chlordane-4     | 5.771  | 4.871  | 1689114  | 3518392  | 3.336 | 12.488 # |
| 27)                         | Chlordane-5     | 0.000  | 5.758  | 0        | 2099415  | N.D.  | 21.611 # |
| -----                       |                 |        |        |          |          |       |          |

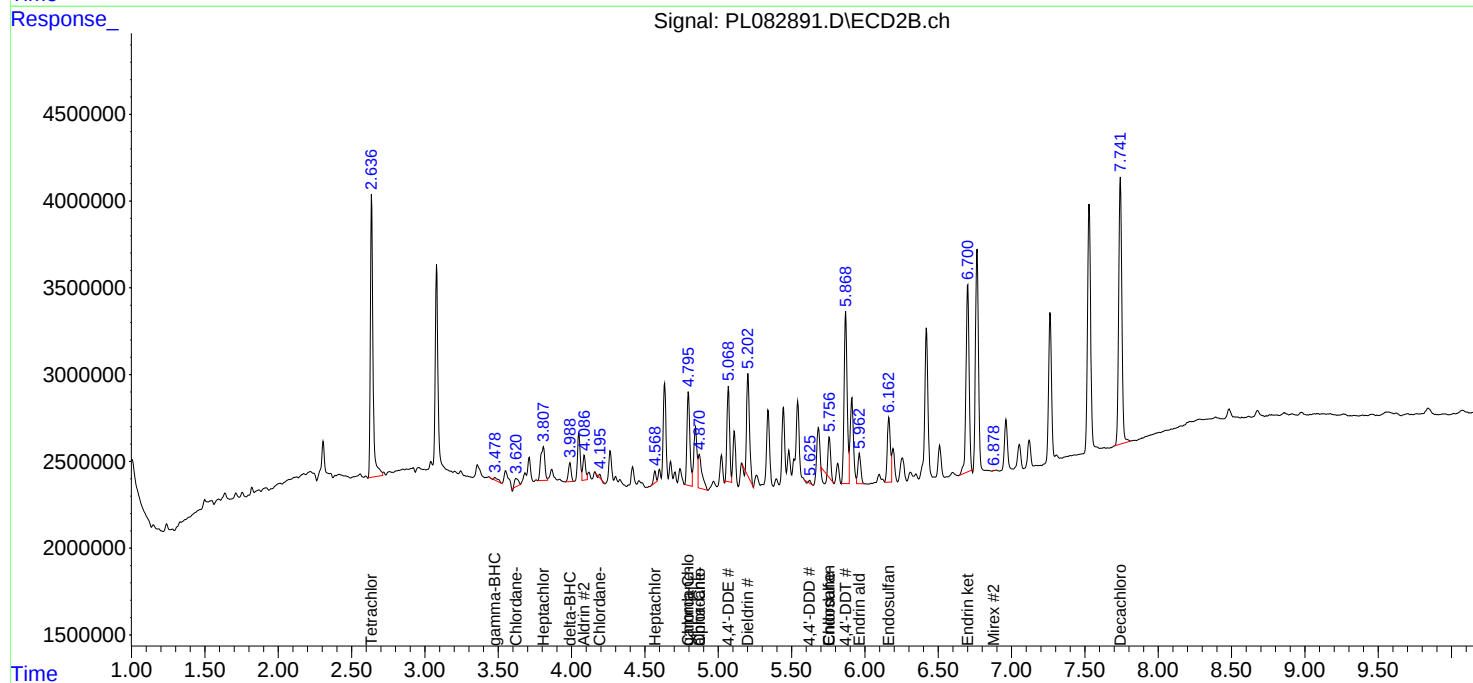
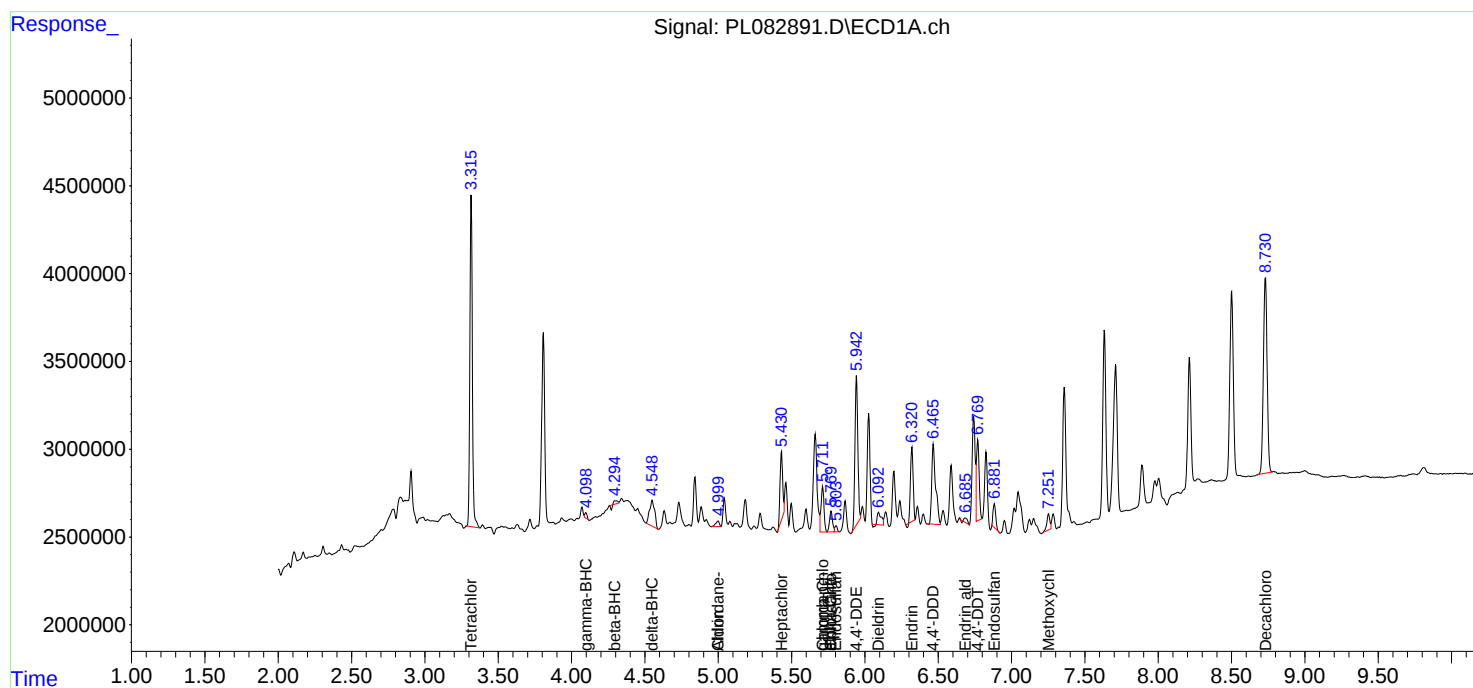
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

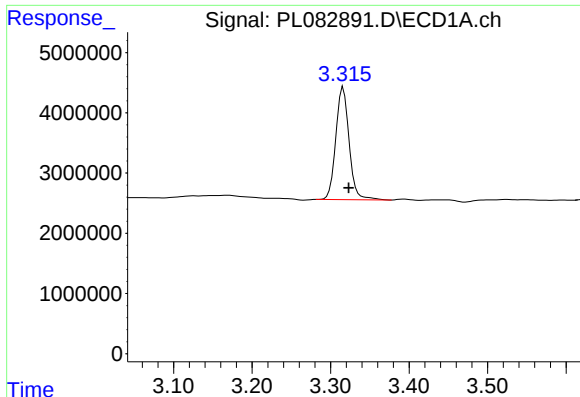
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
Data File : PL082891.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2023 20:10  
Operator : AR\AJ  
Sample : 02864-03  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 21:53:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

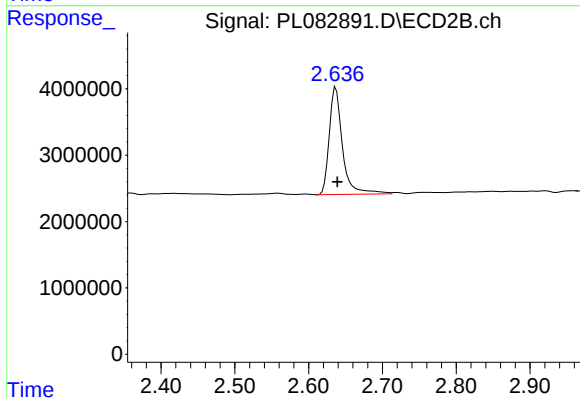




#1 Tetrachloro-m-xylene

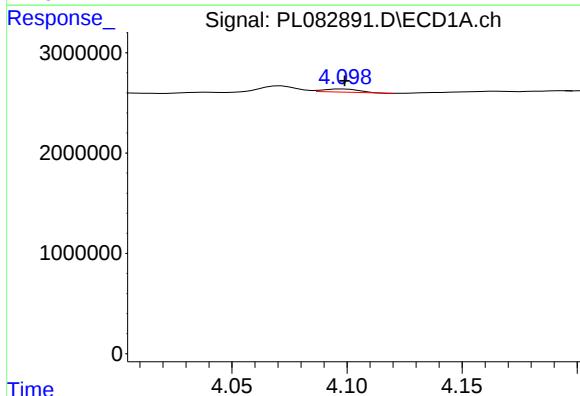
R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 22076931  
Conc: 7.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



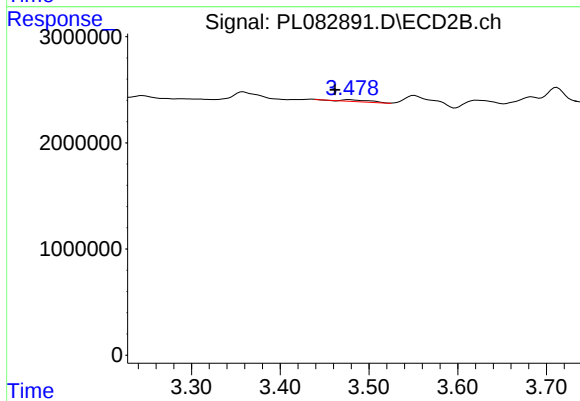
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 20206643  
Conc: 7.78 ng/ml



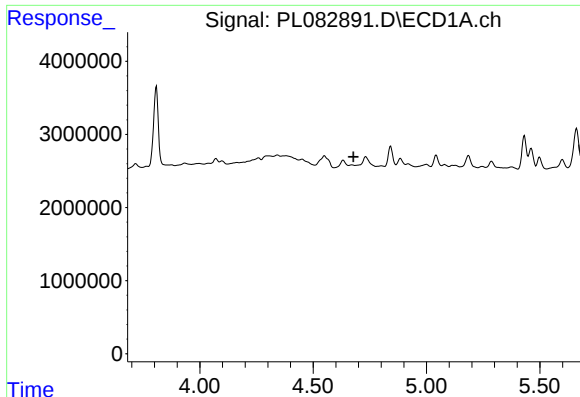
#3 gamma-BHC (Lindane)

R.T.: 4.098 min  
Delta R.T.: -0.001 min  
Response: 342732  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

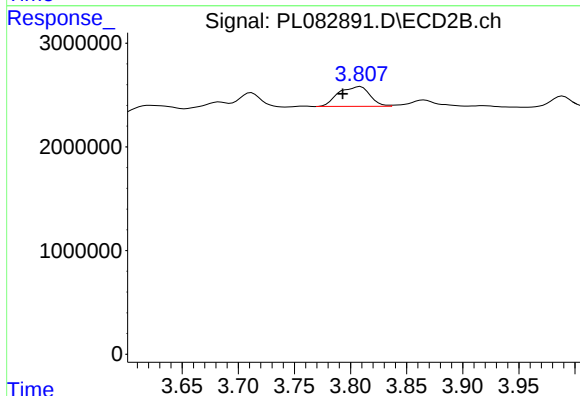
R.T.: 3.478 min  
Delta R.T.: 0.016 min  
Response: 380189  
Conc: 0.11 ng/ml



#4 Heptachlor

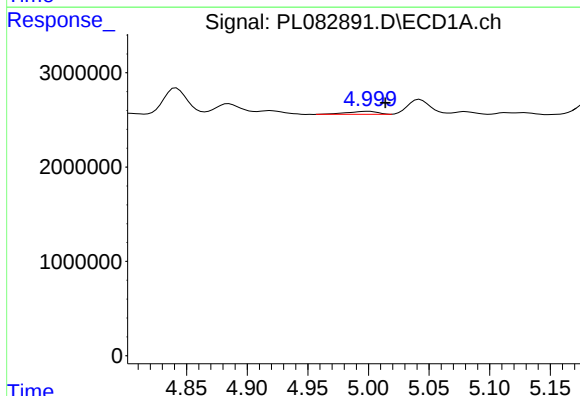
R.T.: 0.000 min  
Exp R.T.: 4.678 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



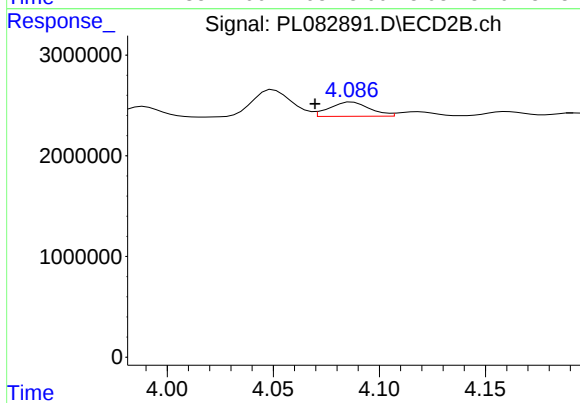
#4 Heptachlor

R.T.: 3.809 min  
Delta R.T.: 0.016 min  
Response: 3727318  
Conc: 1.02 ng/ml



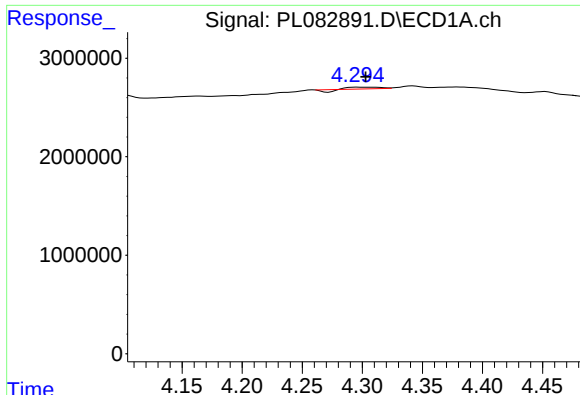
#5 Aldrin

R.T.: 5.000 min  
Delta R.T.: -0.014 min  
Response: 564923  
Conc: 0.16 ng/ml



#5 Aldrin

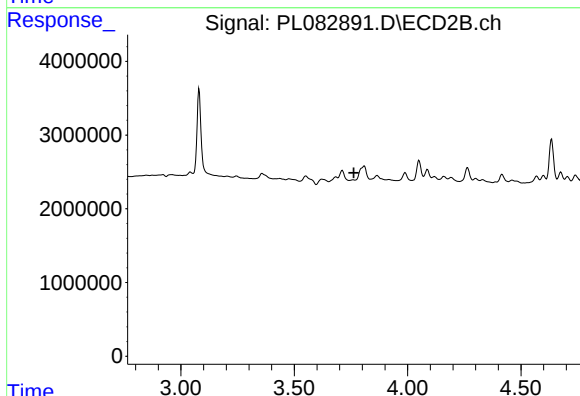
R.T.: 4.087 min  
Delta R.T.: 0.018 min  
Response: 1860722  
Conc: 0.57 ng/ml



#6 beta-BHC

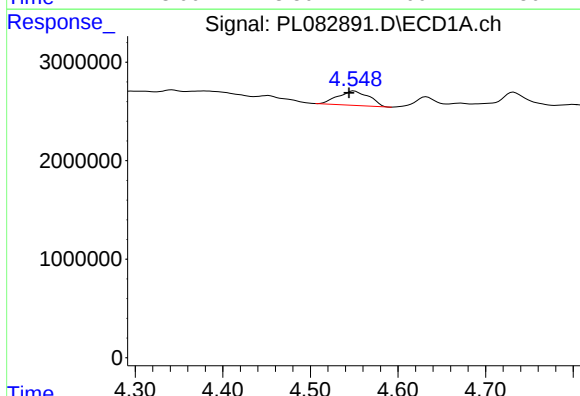
R.T.: 4.295 min  
Delta R.T.: -0.008 min  
Response: 149850  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



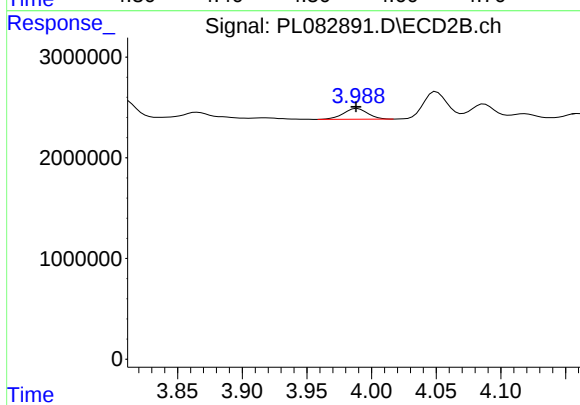
#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: -0.004 min  
Response: -106447  
Conc: N.D.



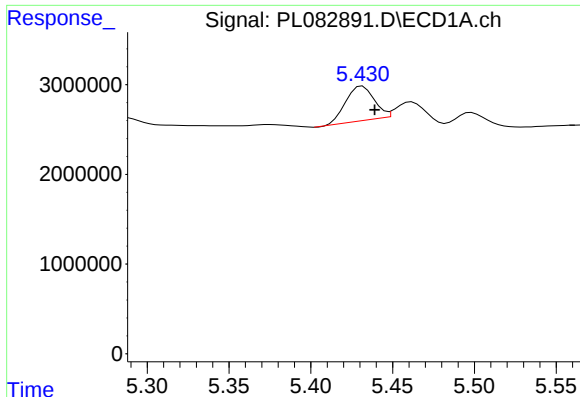
#7 delta-BHC

R.T.: 4.550 min  
Delta R.T.: 0.006 min  
Response: 3599747  
Conc: 1.05 ng/ml



#7 delta-BHC

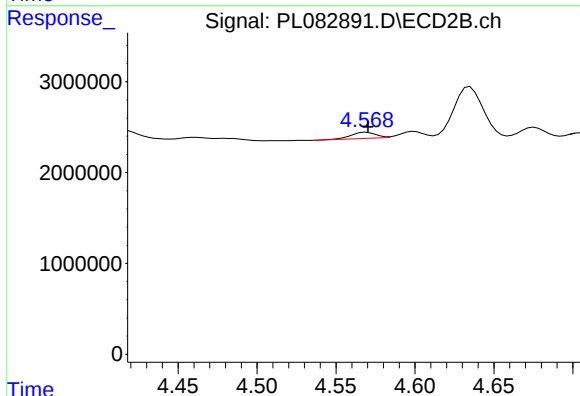
R.T.: 3.989 min  
Delta R.T.: 0.001 min  
Response: 1382495  
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

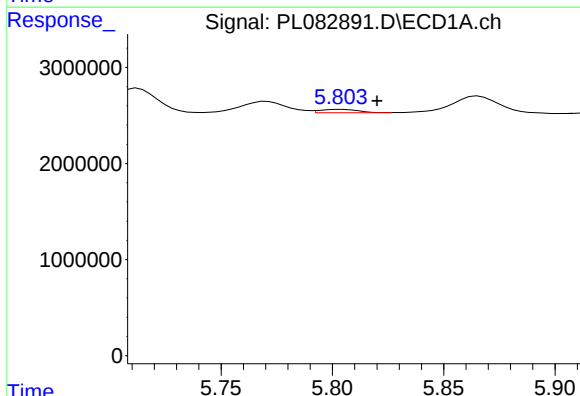
R.T.: 5.432 min  
Delta R.T.: -0.007 min  
Response: 4603655  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



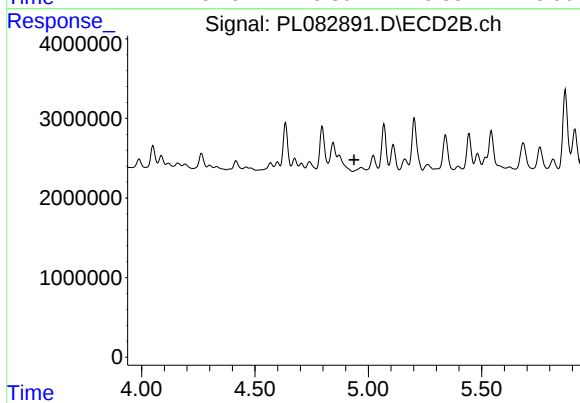
#8 Heptachlor epoxide

R.T.: 4.569 min  
Delta R.T.: -0.001 min  
Response: 737447  
Conc: 0.25 ng/ml



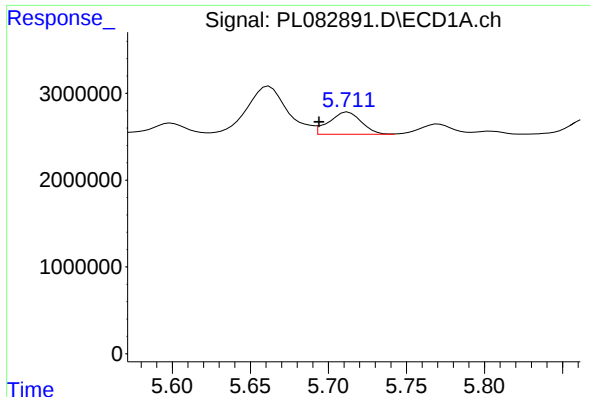
#9 Endosulfan I

R.T.: 5.804 min  
Delta R.T.: -0.016 min  
Response: 408687  
Conc: 0.14 ng/ml



#9 Endosulfan I

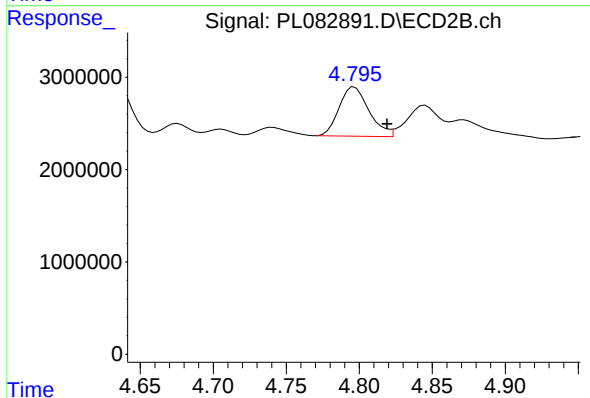
R.T.: 0.000 min  
Exp R.T.: 4.937 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

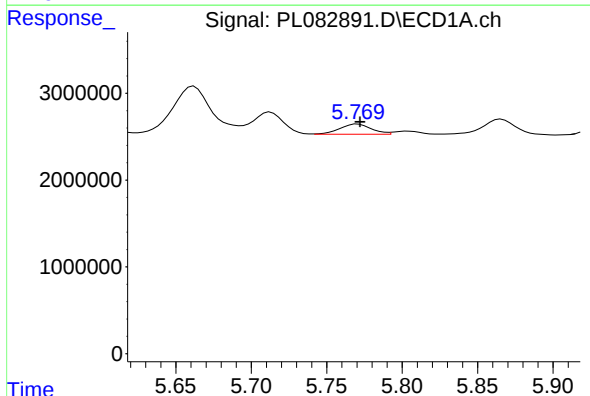
R.T.: 5.713 min  
Delta R.T.: 0.019 min  
Response: 3696425  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



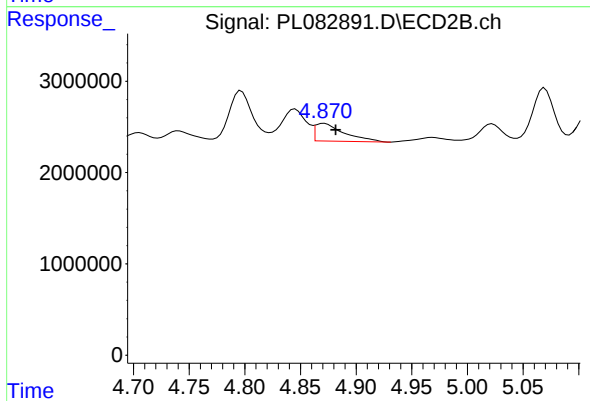
#10 gamma-Chlordane

R.T.: 4.797 min  
Delta R.T.: -0.022 min  
Response: 7601026  
Conc: 2.53 ng/ml



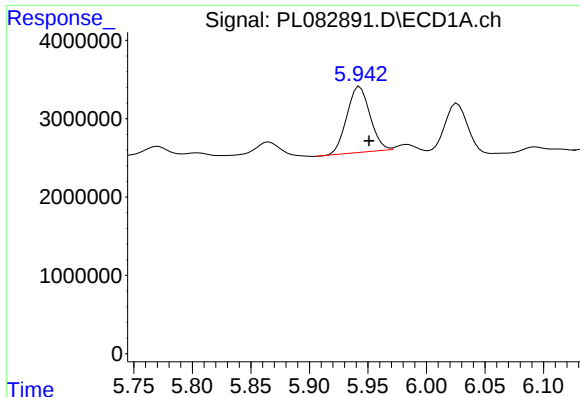
#11 alpha-Chlordane

R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 1689114  
Conc: 0.53 ng/ml



#11 alpha-Chlordane

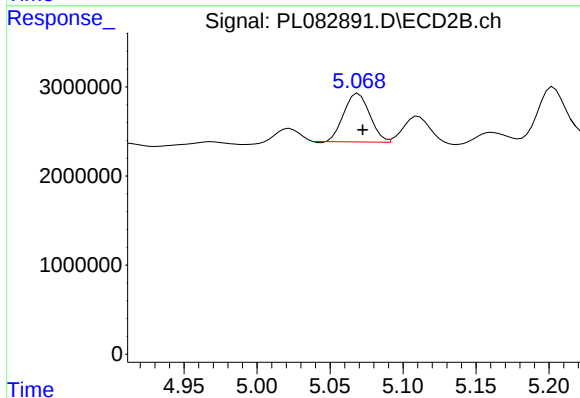
R.T.: 4.871 min  
Delta R.T.: -0.010 min  
Response: 3518392  
Conc: 1.17 ng/ml



#12 4,4'-DDE

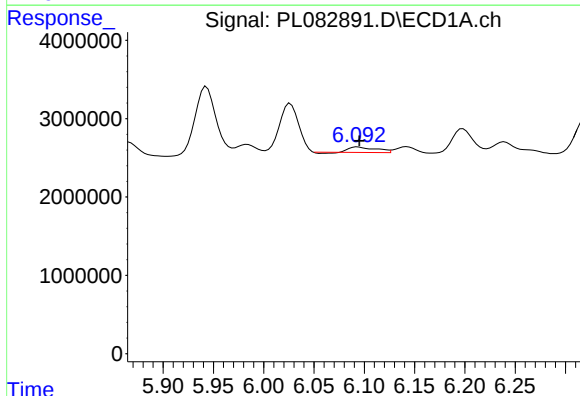
R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 11527625  
Conc: 4.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



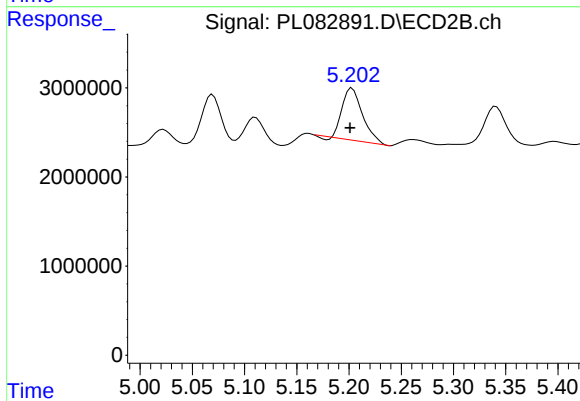
#12 4,4'-DDE

R.T.: 5.069 min  
Delta R.T.: -0.003 min  
Response: 6699492  
Conc: 2.76 ng/ml



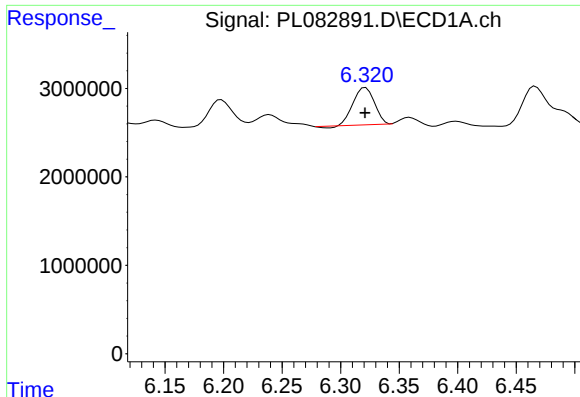
#13 Dieldrin

R.T.: 6.093 min  
Delta R.T.: -0.002 min  
Response: 1183578  
Conc: 0.39 ng/ml



#13 Dieldrin

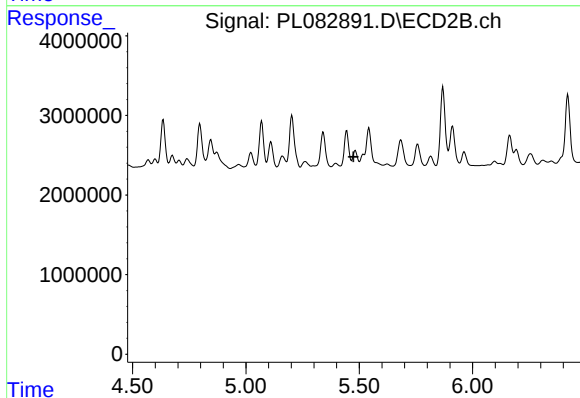
R.T.: 5.203 min  
Delta R.T.: 0.002 min  
Response: 7829480  
Conc: 2.77 ng/ml



#14 Endrin

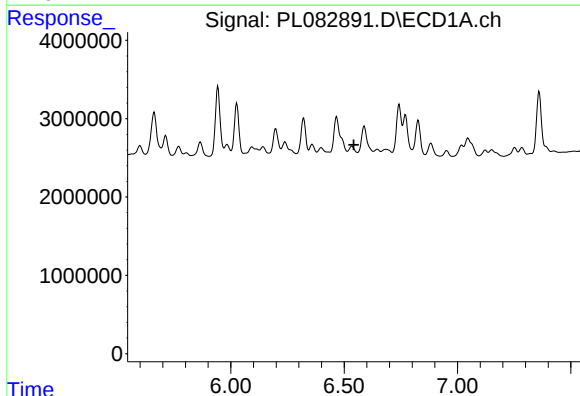
R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 5226806  
Conc: 1.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



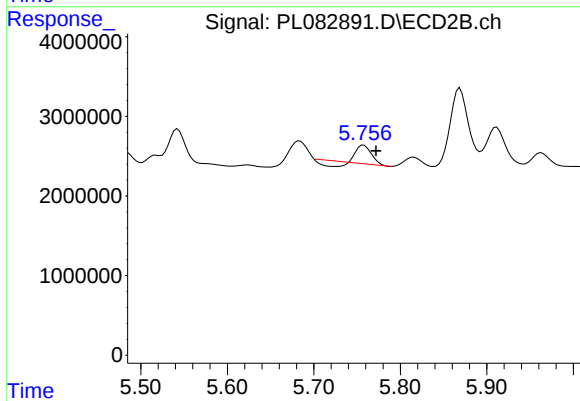
#14 Endrin

R.T.: 5.482 min  
Delta R.T.: 0.007 min  
Response: -1627748  
Conc: N.D.



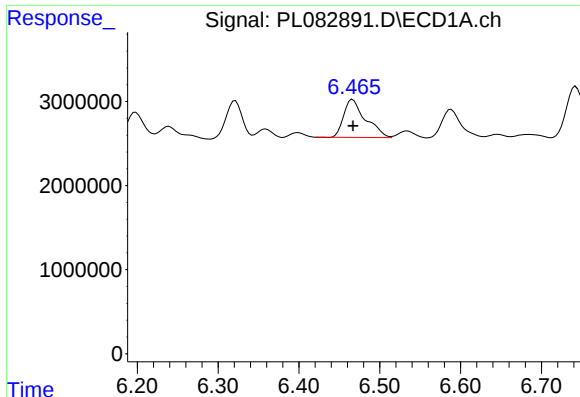
#15 Endosulfan II

R.T.: 6.534 min  
Delta R.T.: -0.009 min  
Response: 1100549  
Conc: N.D.



#15 Endosulfan II

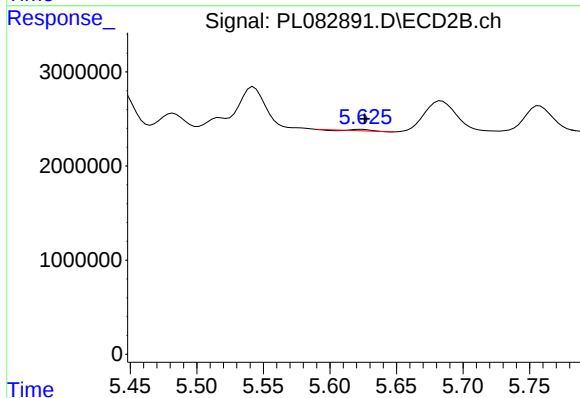
R.T.: 5.758 min  
Delta R.T.: -0.014 min  
Response: 2099415  
Conc: 0.85 ng/ml



#16 4,4'-DDD

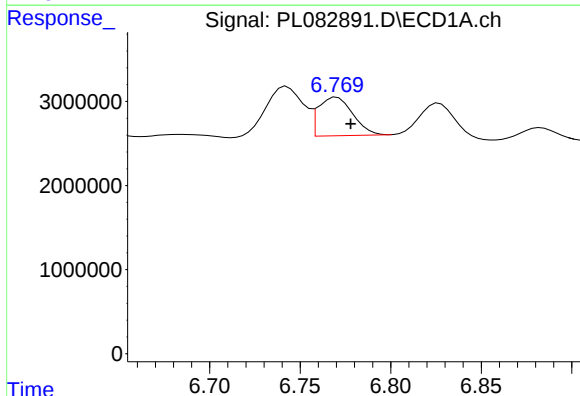
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 8463716  
Conc: 3.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



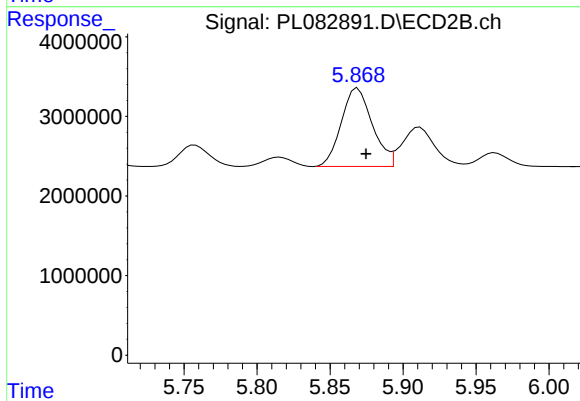
#16 4,4'-DDD

R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 85870  
Conc: 0.04 ng/ml



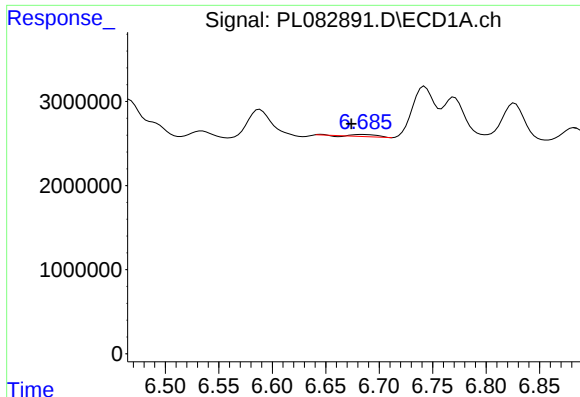
#17 4,4'-DDT

R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 6071039  
Conc: 2.43 ng/ml



#17 4,4'-DDT

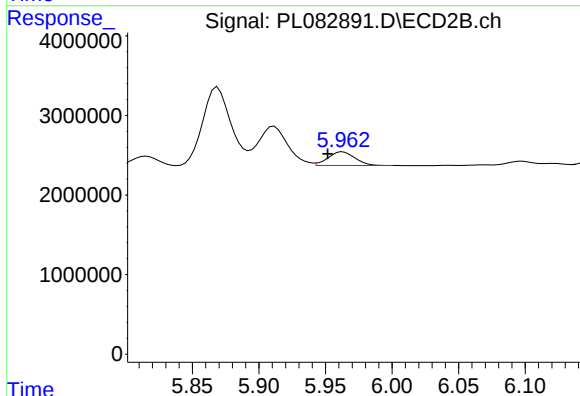
R.T.: 5.869 min  
Delta R.T.: -0.006 min  
Response: 14538456  
Conc: 6.52 ng/ml



#18 Endrin aldehyde

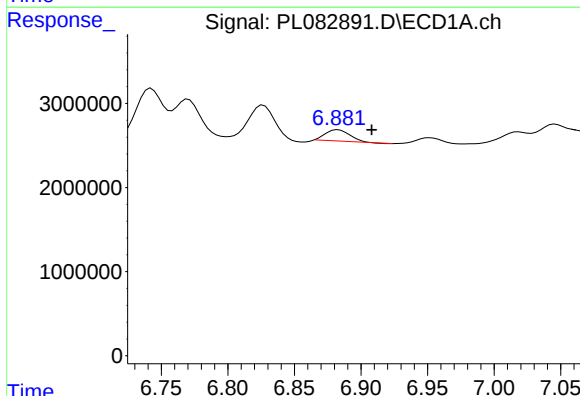
R.T.: 6.684 min  
Delta R.T.: 0.010 min  
Response: 390147  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



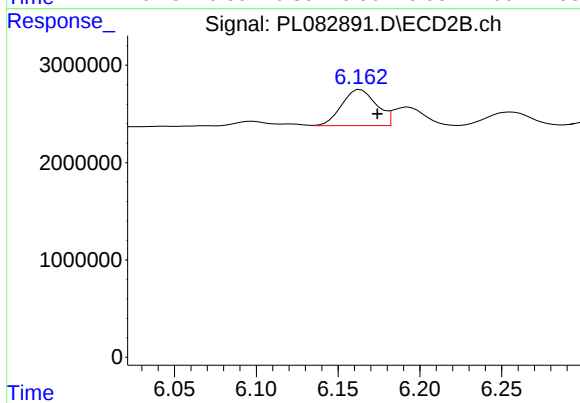
#18 Endrin aldehyde

R.T.: 5.963 min  
Delta R.T.: 0.011 min  
Response: 2415688  
Conc: 1.22 ng/ml



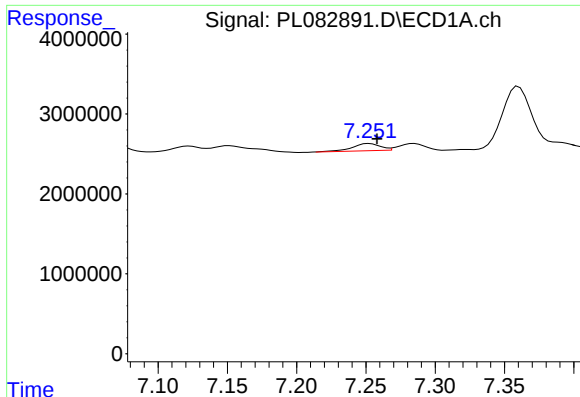
#19 Endosulfan Sulfate

R.T.: 6.883 min  
Delta R.T.: -0.025 min  
Response: 1705658  
Conc: 0.67 ng/ml



#19 Endosulfan Sulfate

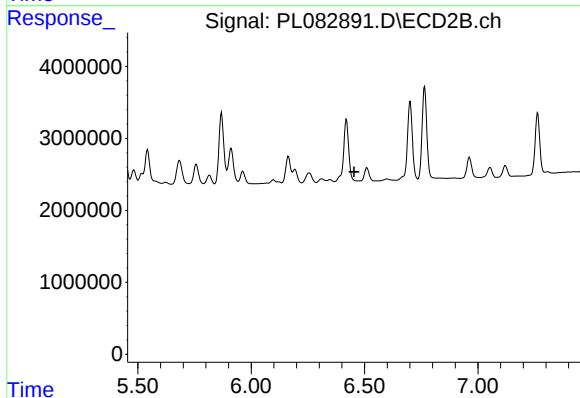
R.T.: 6.164 min  
Delta R.T.: -0.010 min  
Response: 5444202  
Conc: 2.22 ng/ml



#20 Methoxychlor

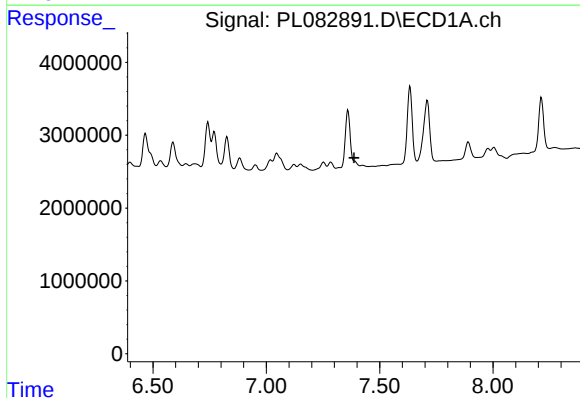
R.T.: 7.252 min  
Delta R.T.: -0.006 min  
Response: 1267150  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



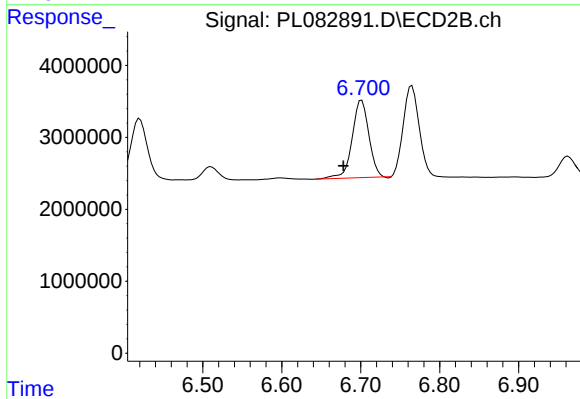
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.454 min  
Response: 0  
Conc: N.D.



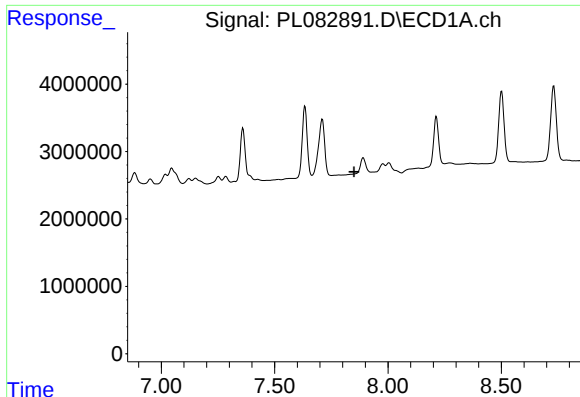
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.387 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

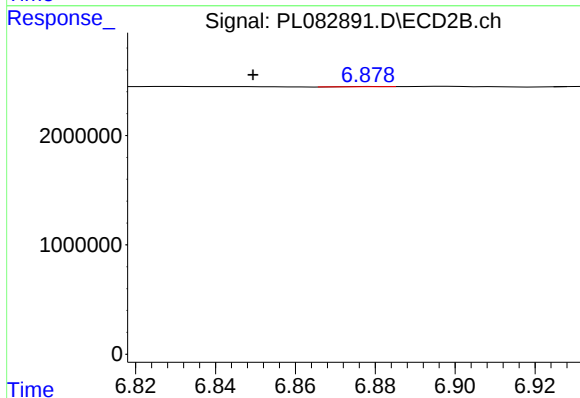
R.T.: 6.701 min  
Delta R.T.: 0.023 min  
Response: 15865766  
Conc: 5.87 ng/ml



#22 Mirex

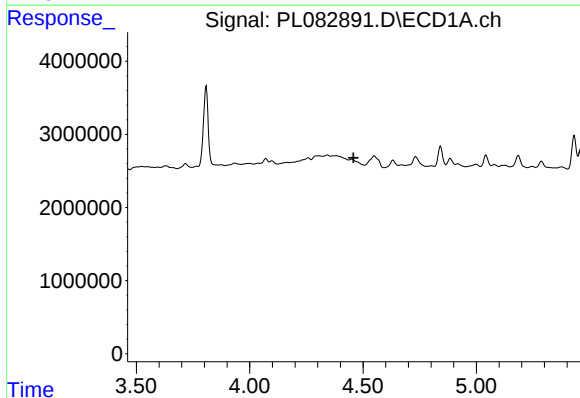
R.T.: 0.000 min  
Exp R.T.: 7.851 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



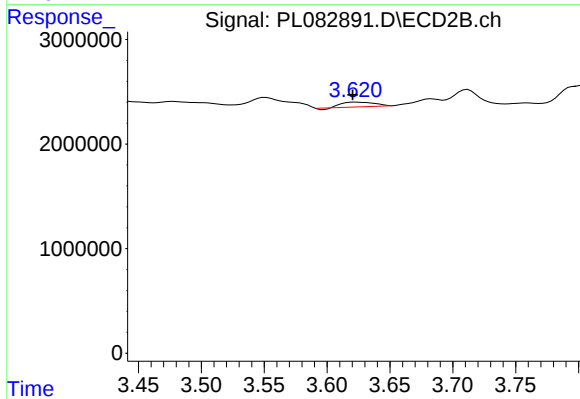
#22 Mirex

R.T.: 6.879 min  
Delta R.T.: 0.030 min  
Response: 9417  
Conc: 0.00 ng/ml



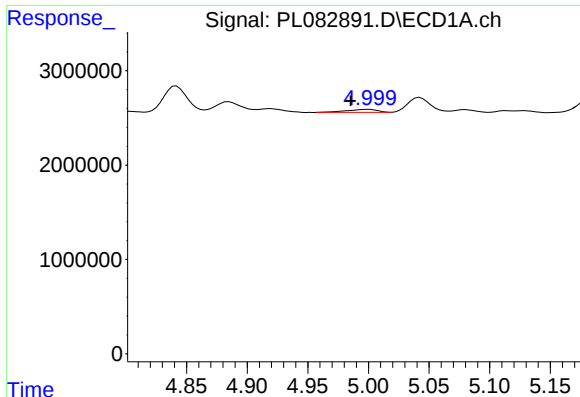
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

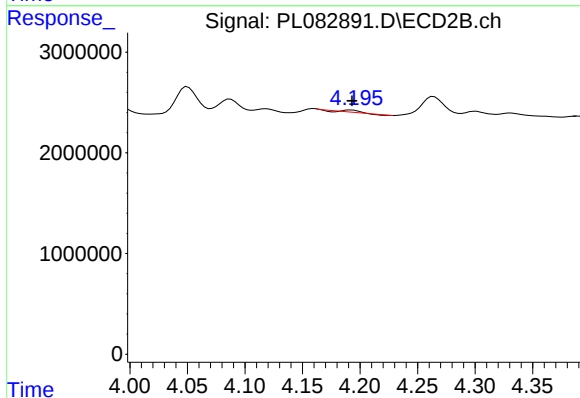
R.T.: 3.622 min  
Delta R.T.: 0.002 min  
Response: 763980  
Conc: 9.26 ng/ml



#24 Chlordane-2

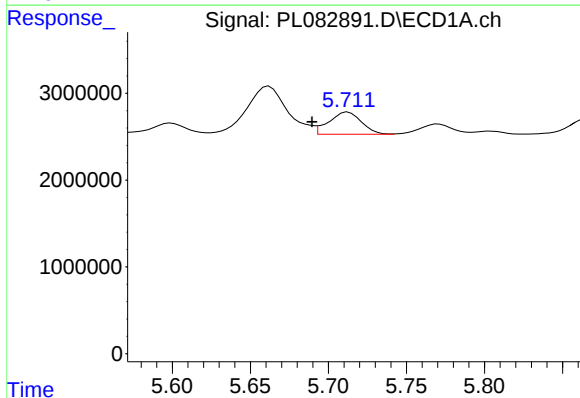
R.T.: 5.000 min  
Delta R.T.: 0.015 min  
Response: 564923  
Conc: 5.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



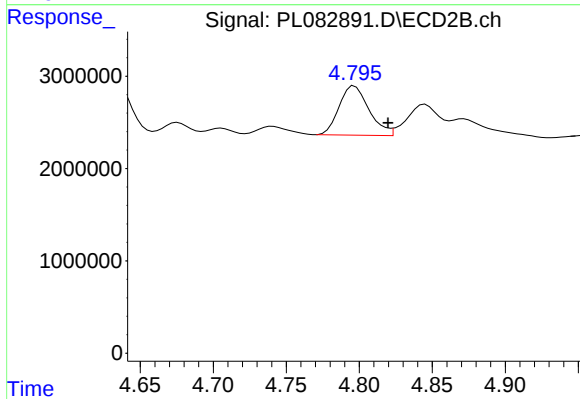
#24 Chlordane-2

R.T.: 4.192 min  
Delta R.T.: -0.001 min  
Response: 116296  
Conc: 1.31 ng/ml



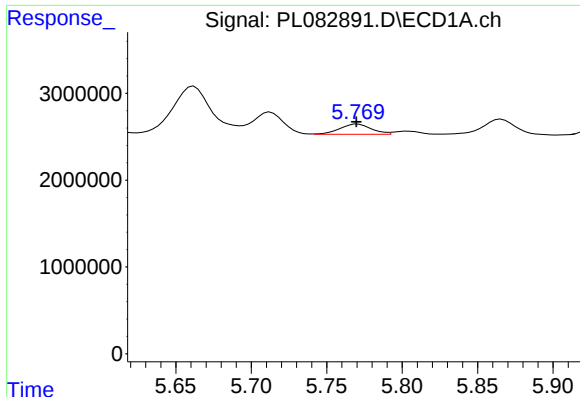
#25 Chlordane-3

R.T.: 5.713 min  
Delta R.T.: 0.023 min  
Response: 3696425  
Conc: 8.91 ng/ml



#25 Chlordane-3

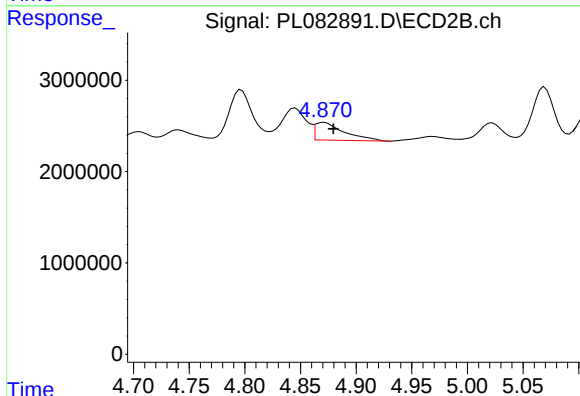
R.T.: 4.797 min  
Delta R.T.: -0.023 min  
Response: 7601026  
Conc: 28.52 ng/ml



#26 Chlordane-4

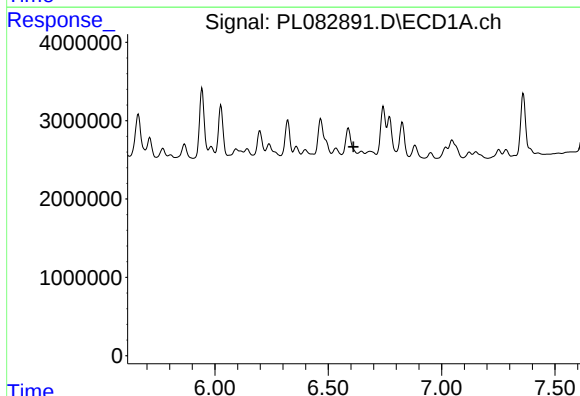
R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 1689114  
Conc: 3.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



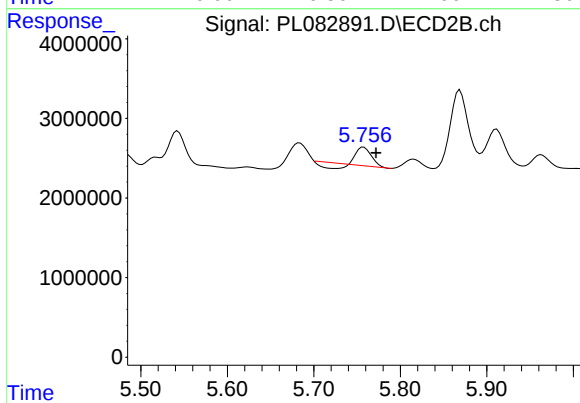
#26 Chlordane-4

R.T.: 4.871 min  
Delta R.T.: -0.008 min  
Response: 3518392  
Conc: 12.49 ng/ml



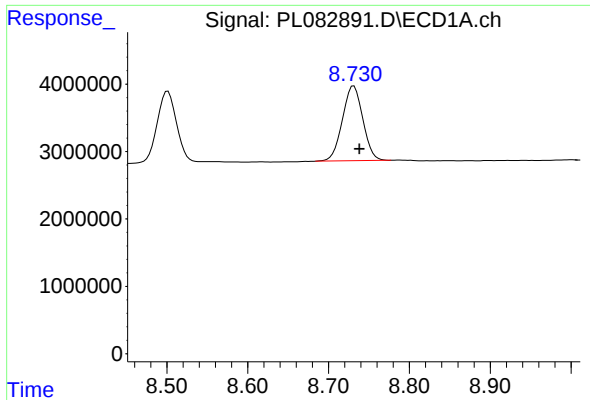
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

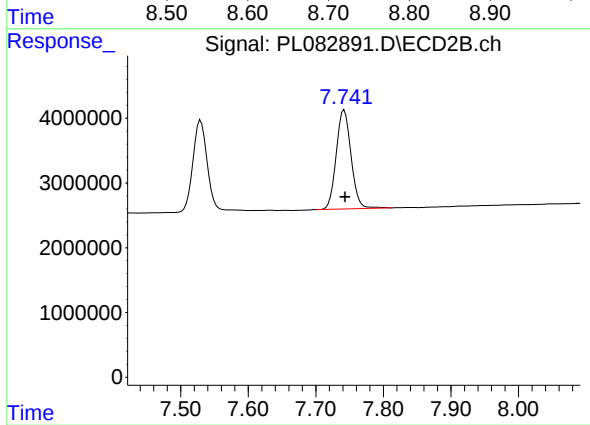
R.T.: 5.758 min  
Delta R.T.: -0.014 min  
Response: 2099415  
Conc: 21.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 19451745  
Conc: 9.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.742 min  
Delta R.T.: -0.001 min  
Response: 23360902  
Conc: 9.39 ng/ml