

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031524\  
 Data File : PL088589.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2024 09:33  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 20:08:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 0.000  | 2.846  | 0        | 96392   | N.D.   | 0.072 # |
| Target Compounds            |                 |        |        |          |         |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.387f | 0        | 303377  | N.D.   | 0.151 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.701  | 0        | 23029   | N.D.   | 0.012 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.045  | 0        | 134106  | N.D.   | 0.075 # |
| 5)                          | MB Aldrin       | 0.000  | 4.332  | 0        | 731565  | N.D.   | 0.405 # |
| 6)                          | B beta-BHC      | 0.000  | 4.017  | 0        | 53901   | N.D.   | 0.063 # |
| 7)                          | B delta-BHC     | 0.000  | 4.240  | 0        | 1005799 | N.D.   | 0.526 # |
| 8)                          | B Heptachlo...  | 5.813  | 4.854  | 16433209 | -6861   | 4.784  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.208  | 5.214  | 1118171  | 225666  | 0.366  | 0.150 # |
| 10)                         | B gamma-Chl...  | 6.072  | 5.092  | 8063890  | 502304  | 2.421  | 0.303 # |
| 11)                         | B alpha-Chl...  | 6.156  | 5.150f | 4105618  | 403970  | 1.235  | 0.243 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.497  | 0        | 678440  | N.D.   | 0.418 # |
| 14)                         | MA Endrin       | 6.749f | 5.789f | 4566832  | 881945  | 1.671  | 0.612 # |
| 15)                         | B Endosulfa...  | 6.935  | 6.055f | 1353273  | 118619  | 0.472  | 0.082 # |
| 16)                         | A 4,4'-DDD      | 6.857  | 5.904f | 4524161  | 24747   | 1.776  | 0.020 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.177  | 0        | 8303    | N.D.   | 0.006 # |
| 18)                         | B Endrin al...  | 0.000  | 6.254  | 0        | 38773   | N.D.   | 0.037 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.479  | 0        | 41159   | N.D.   | 0.030 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.757  | 0        | 43130   | N.D.   | 0.054 # |
| 21)                         | B Endrin ke...  | 7.808  | 0.000  | 536896   | 0       | 0.182  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 7.170  | 0        | 1226352 | N.D.   | 0.909 # |
| 23)                         | Chlordane-1     | 0.000  | 3.874  | 0        | 62160   | N.D.   | 1.280 # |
| 24)                         | Chlordane-2     | 0.000  | 4.455  | 0        | 528546  | N.D.   | 8.705 # |
| 25)                         | Chlordane-3     | 6.072  | 5.092  | 8063890  | 502304  | 16.217 | 2.943 # |
| 26)                         | Chlordane-4     | 6.156  | 5.150  | 4105618  | 403970  | 6.844  | 2.532 # |
| 27)                         | Chlordane-5     | 7.022  | 5.865f | 560296   | 235620  | 5.301  | 4.646   |
| -----                       |                 |        |        |          |         |        |         |

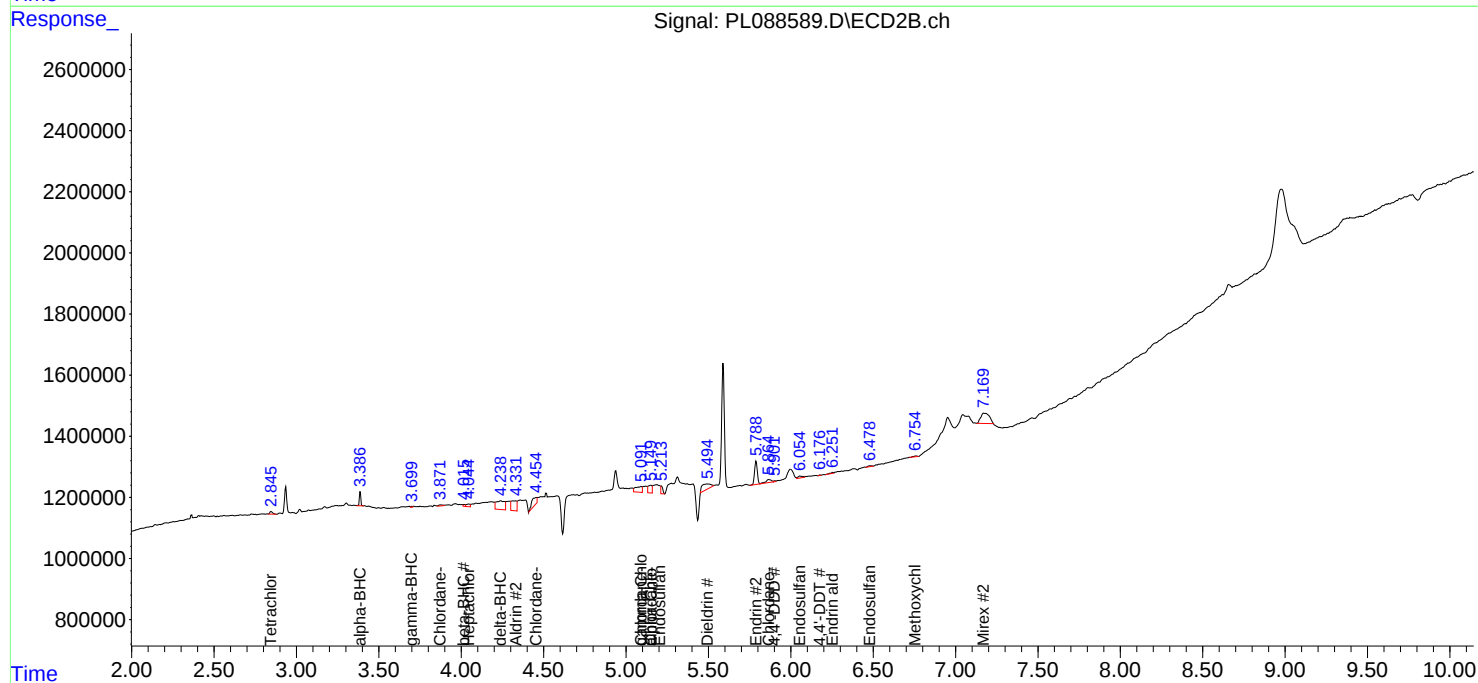
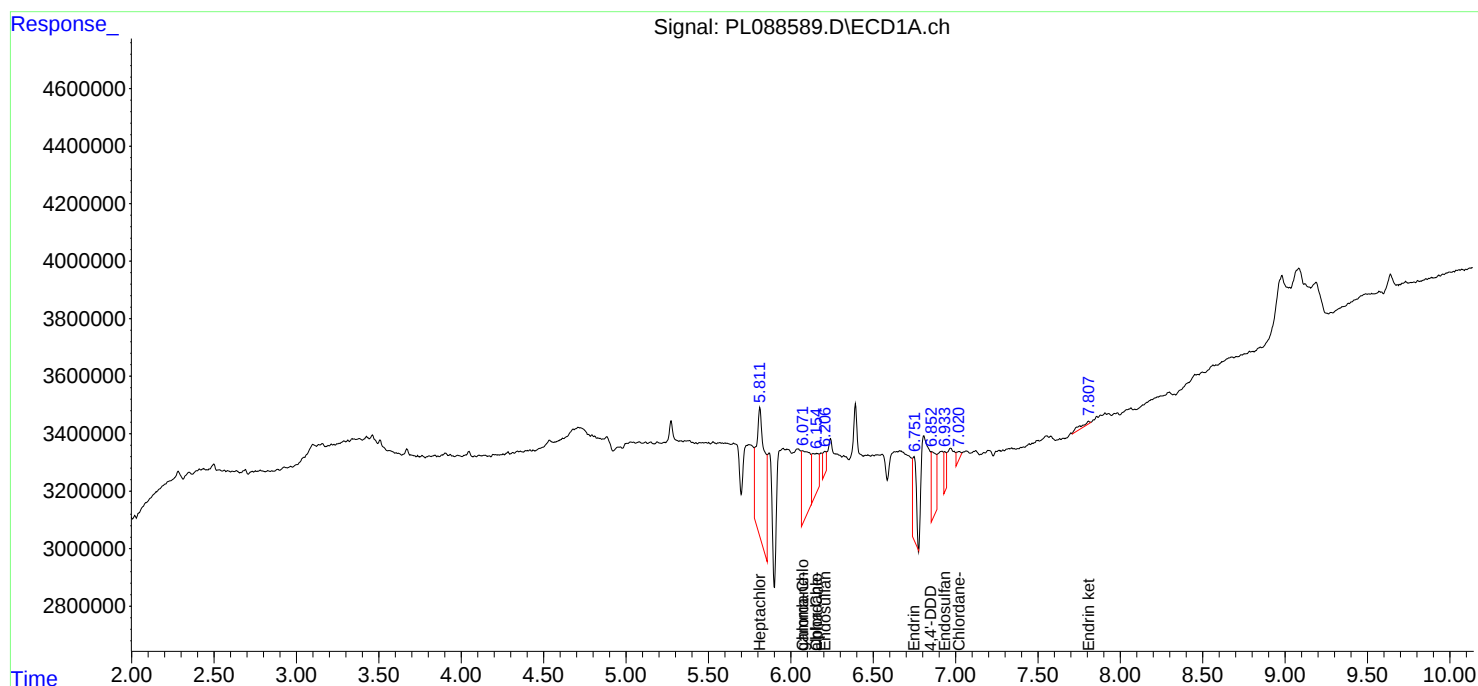
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

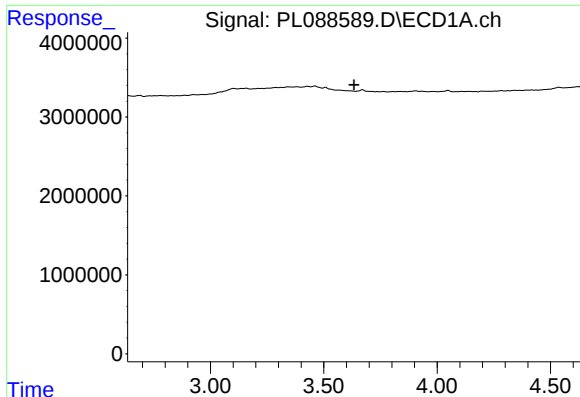
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031524\  
Data File : PL088589.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2024 09:33  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 20:08:27 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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

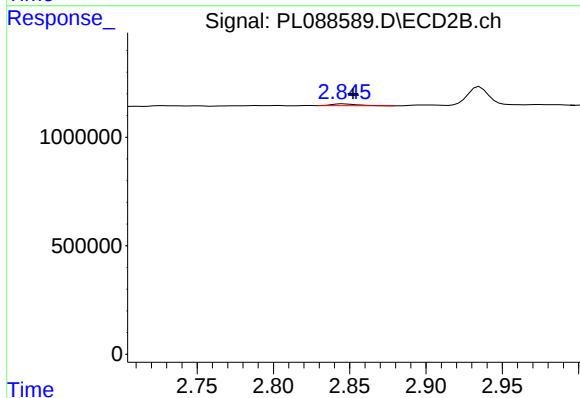




#1 Tetrachloro-m-xylene

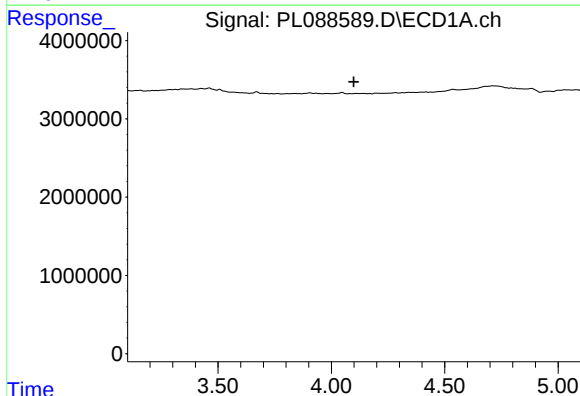
R.T.: 0.000 min  
Exp R.T.: 3.634 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



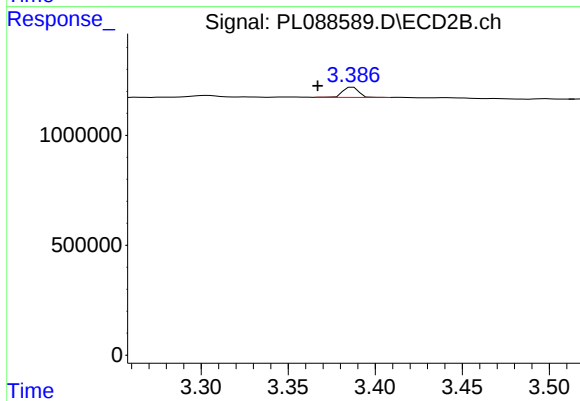
#1 Tetrachloro-m-xylene

R.T.: 2.846 min  
Delta R.T.: -0.006 min  
Response: 96392  
Conc: 0.07 ng/ml



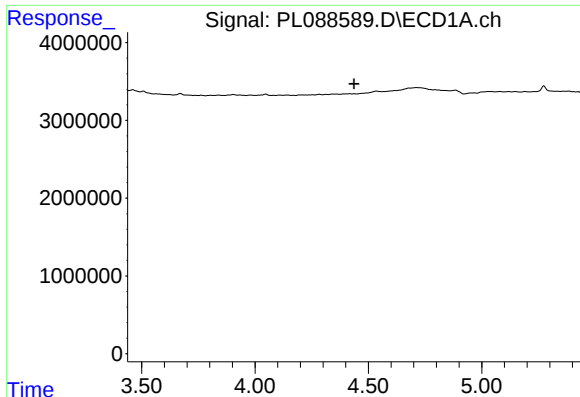
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

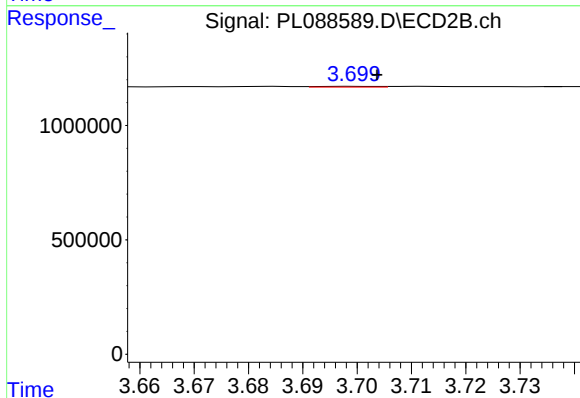
R.T.: 3.387 min  
Delta R.T.: 0.020 min  
Response: 303377  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

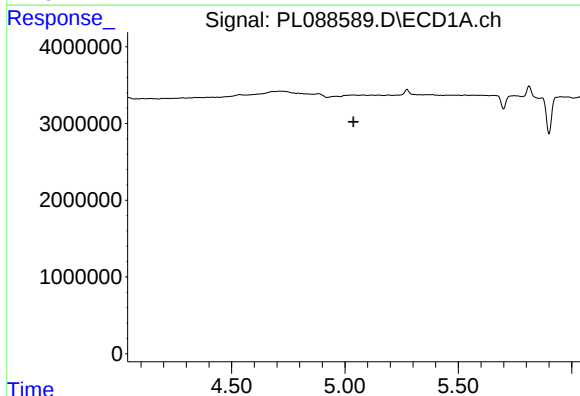
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



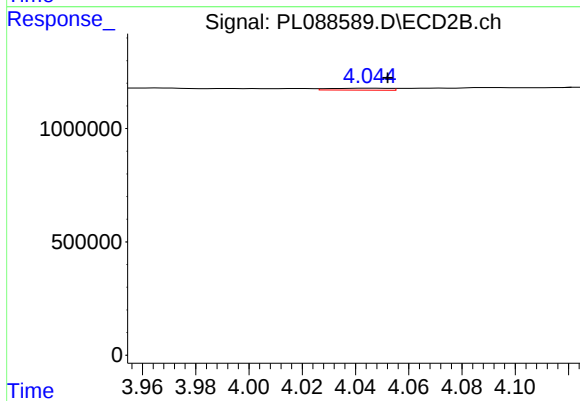
#3 gamma-BHC (Lindane)

R.T.: 3.701 min  
Delta R.T.: -0.003 min  
Response: 23029  
Conc: 0.01 ng/ml



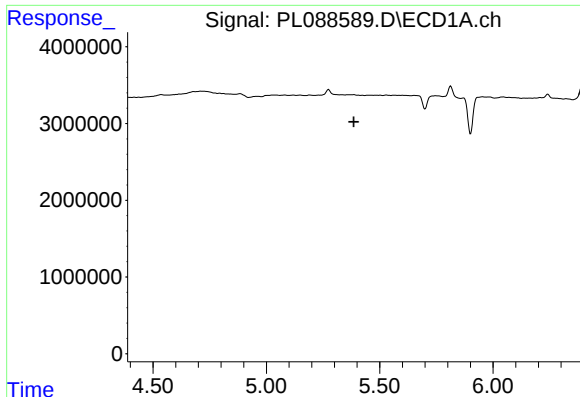
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

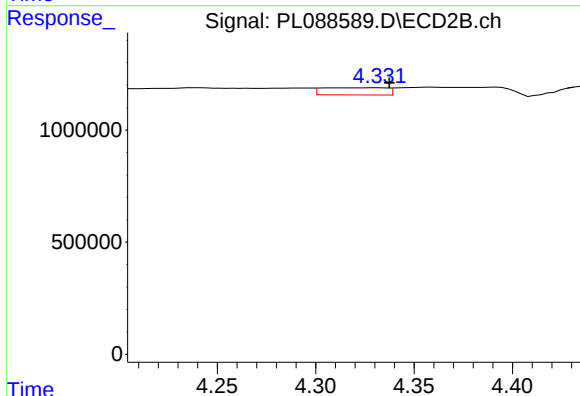
R.T.: 4.045 min  
Delta R.T.: -0.007 min  
Response: 134106  
Conc: 0.07 ng/ml



#5 Aldrin

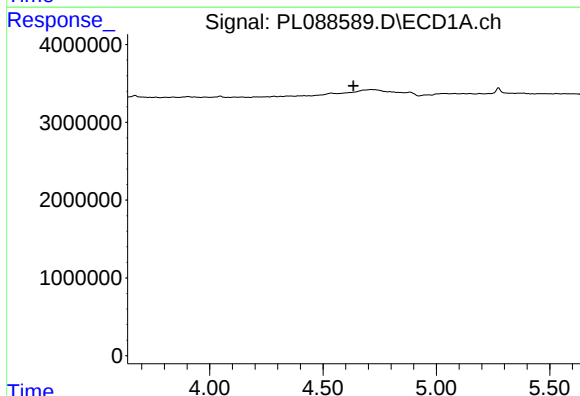
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



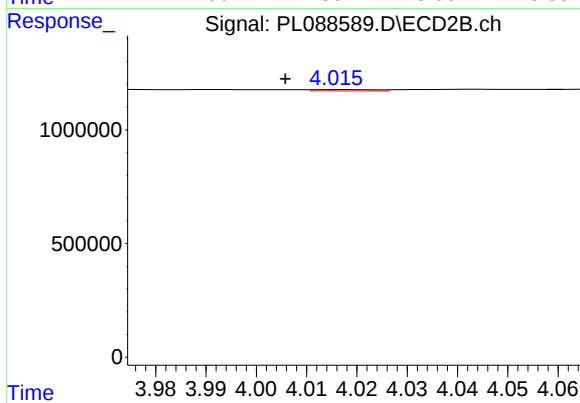
#5 Aldrin

R.T.: 4.332 min  
Delta R.T.: -0.006 min  
Response: 731565  
Conc: 0.40 ng/ml



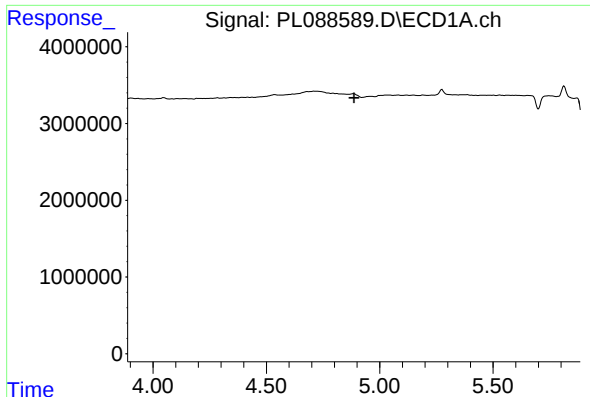
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

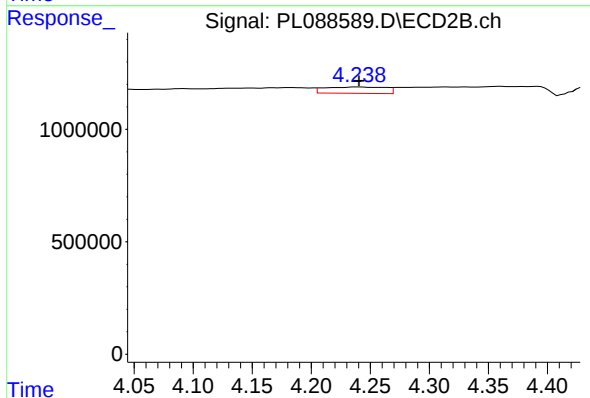
R.T.: 4.017 min  
Delta R.T.: 0.011 min  
Response: 53901  
Conc: 0.06 ng/ml



#7 delta-BHC

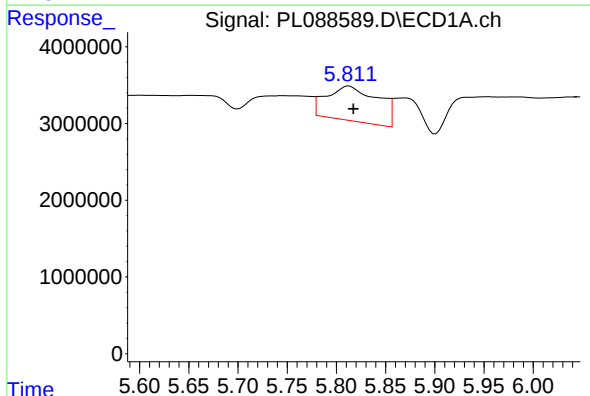
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



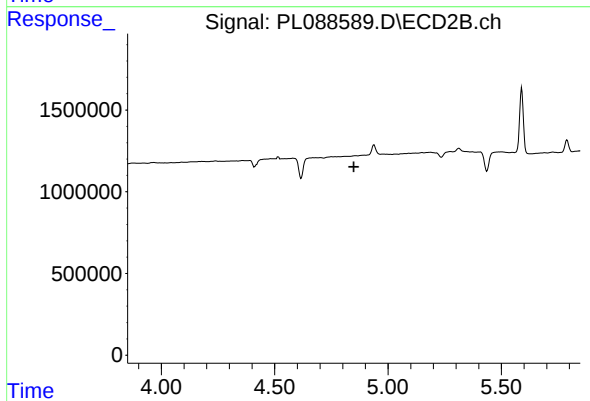
#7 delta-BHC

R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 1005799  
Conc: 0.53 ng/ml



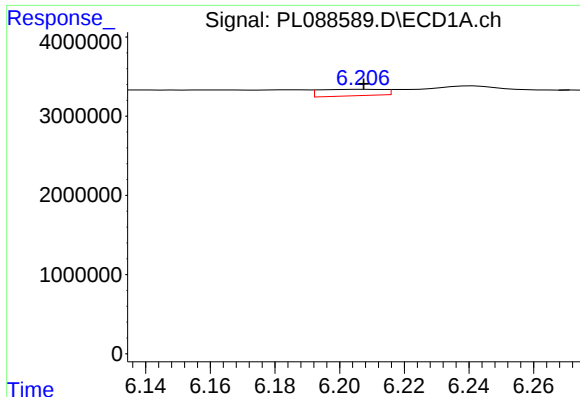
#8 Heptachlor epoxide

R.T.: 5.813 min  
Delta R.T.: -0.005 min  
Response: 16433209  
Conc: 4.78 ng/ml



#8 Heptachlor epoxide

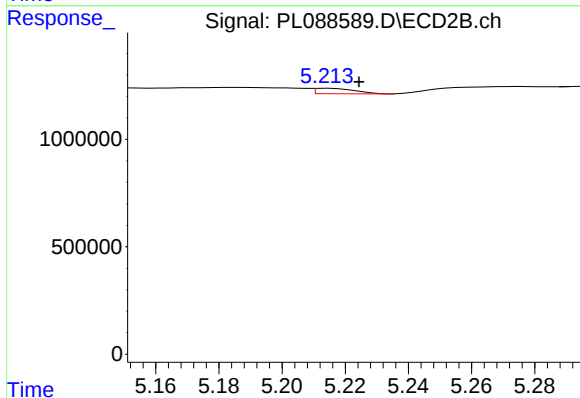
R.T.: 4.854 min  
Delta R.T.: 0.005 min  
Response: -6861  
Conc: N.D.



#9 Endosulfan I

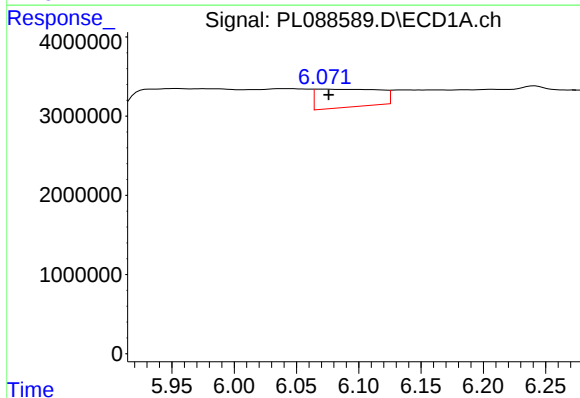
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 1118171  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



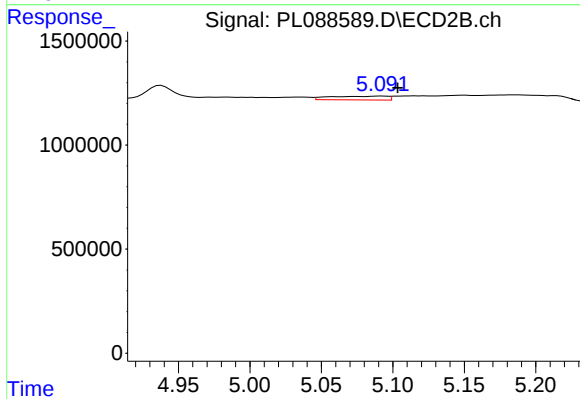
#9 Endosulfan I

R.T.: 5.214 min  
Delta R.T.: -0.010 min  
Response: 225666  
Conc: 0.15 ng/ml



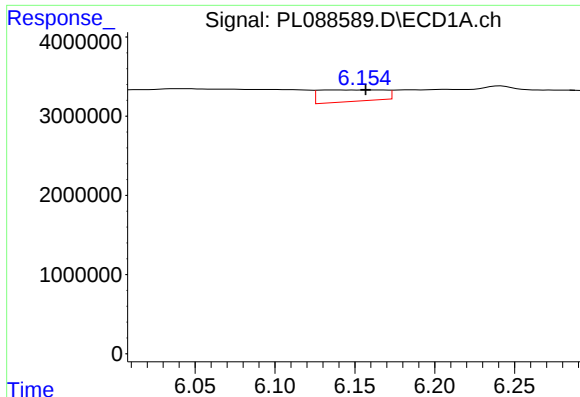
#10 gamma-Chlordane

R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 8063890  
Conc: 2.42 ng/ml



#10 gamma-Chlordane

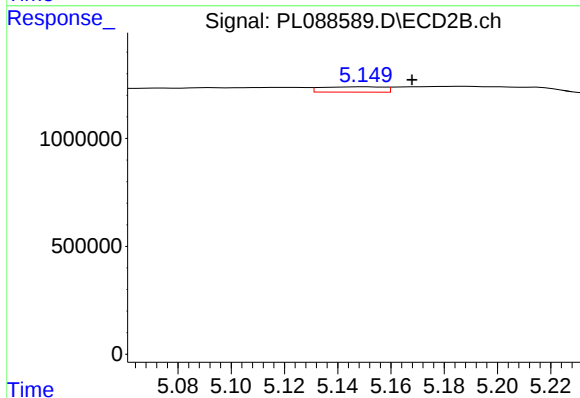
R.T.: 5.092 min  
Delta R.T.: -0.011 min  
Response: 502304  
Conc: 0.30 ng/ml



#11 alpha-Chlordane

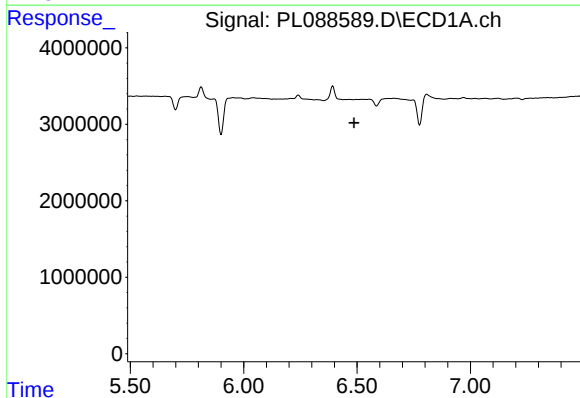
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 4105618  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



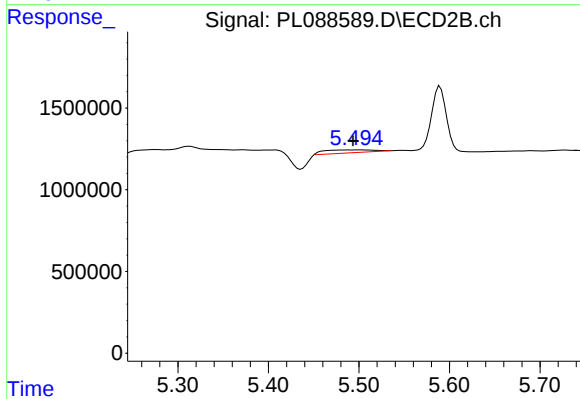
#11 alpha-Chlordane

R.T.: 5.150 min  
Delta R.T.: -0.018 min  
Response: 403970  
Conc: 0.24 ng/ml



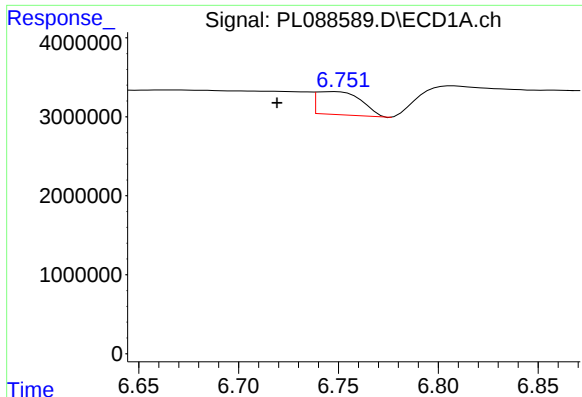
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.487 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

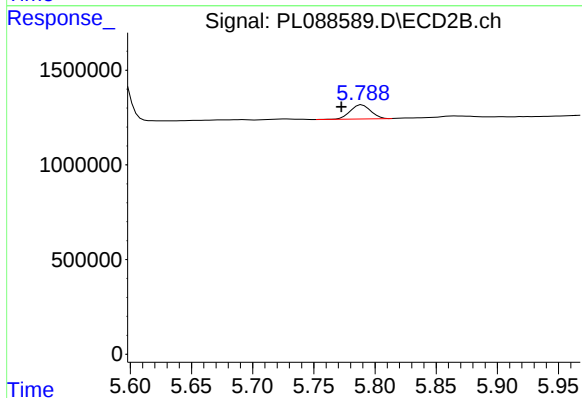
R.T.: 5.497 min  
Delta R.T.: 0.003 min  
Response: 678440  
Conc: 0.42 ng/ml



#14 Endrin

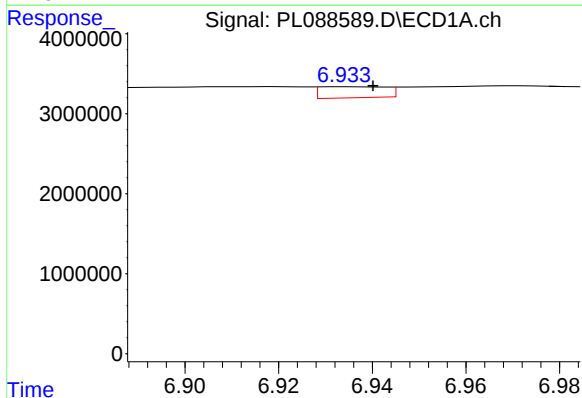
R.T.: 6.749 min  
Delta R.T.: 0.029 min  
Response: 4566832  
Conc: 1.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



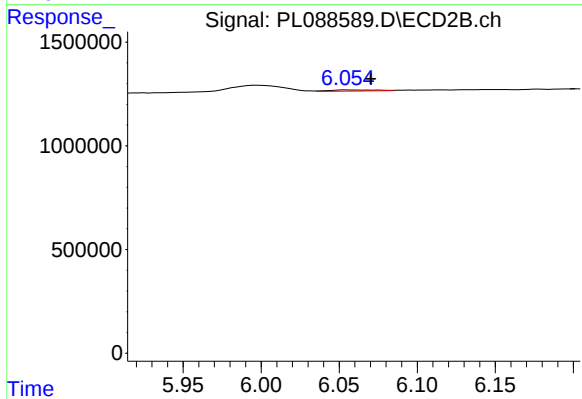
#14 Endrin

R.T.: 5.789 min  
Delta R.T.: 0.017 min  
Response: 881945  
Conc: 0.61 ng/ml



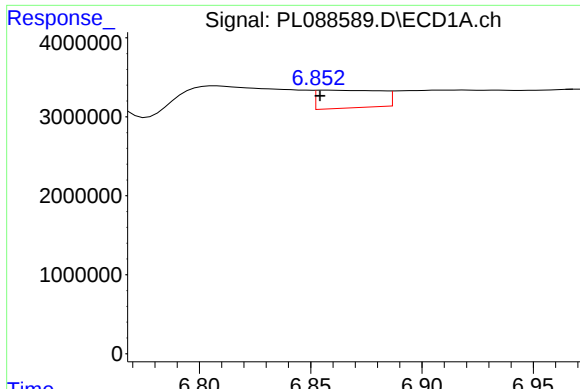
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: 1353273  
Conc: 0.47 ng/ml



#15 Endosulfan II

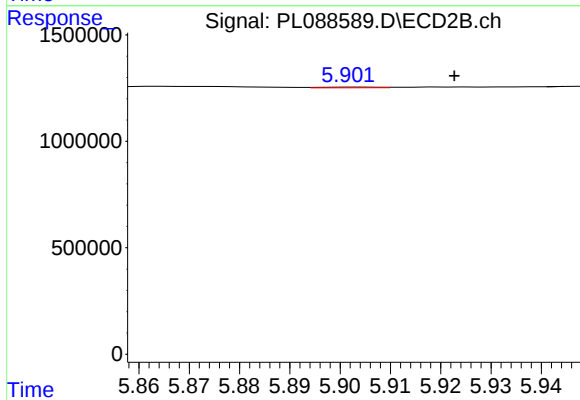
R.T.: 6.055 min  
Delta R.T.: -0.015 min  
Response: 118619  
Conc: 0.08 ng/ml



#16 4,4'-DDD

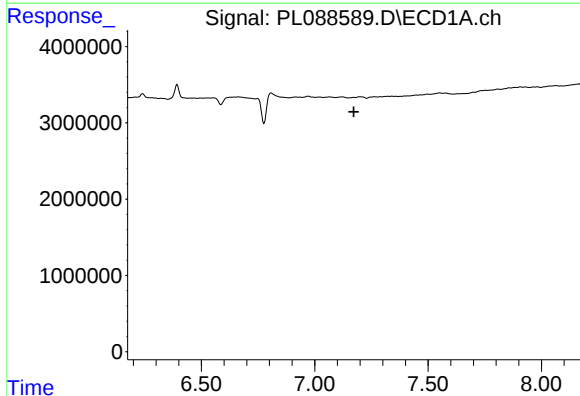
R.T.: 6.857 min  
Delta R.T.: 0.003 min  
Response: 4524161  
Conc: 1.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



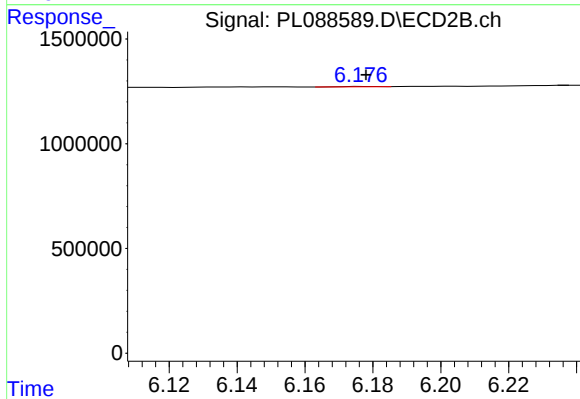
#16 4,4'-DDD

R.T.: 5.904 min  
Delta R.T.: -0.019 min  
Response: 24747  
Conc: 0.02 ng/ml



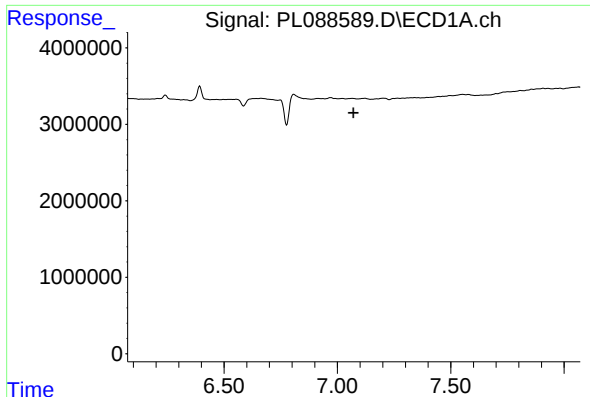
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.173 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

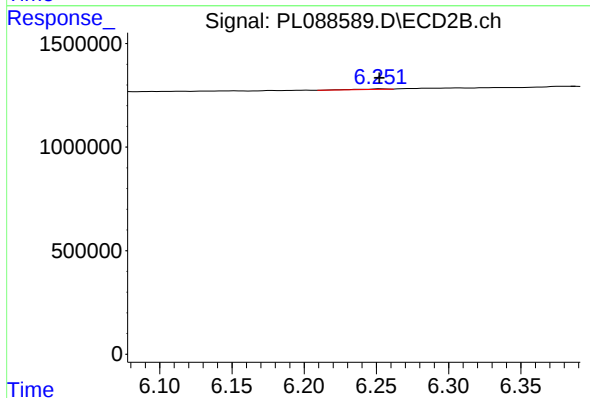
R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 8303  
Conc: 0.01 ng/ml



#18 Endrin aldehyde

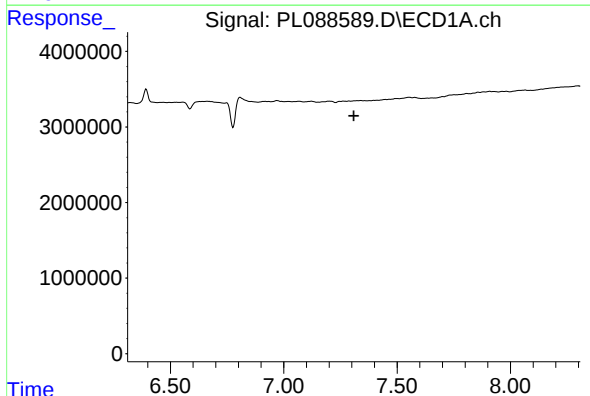
R.T.: 0.000 min  
Exp R.T. : 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



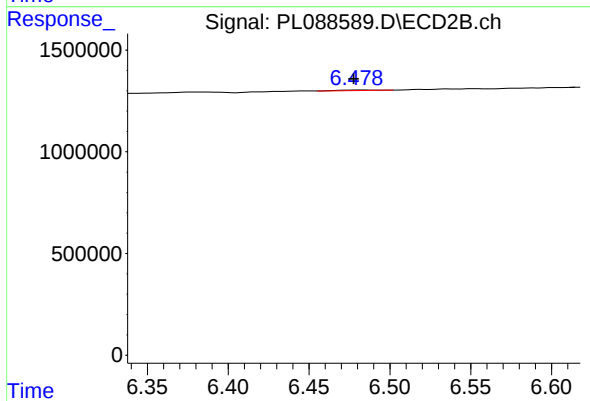
#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: 0.001 min  
Response: 38773  
Conc: 0.04 ng/ml



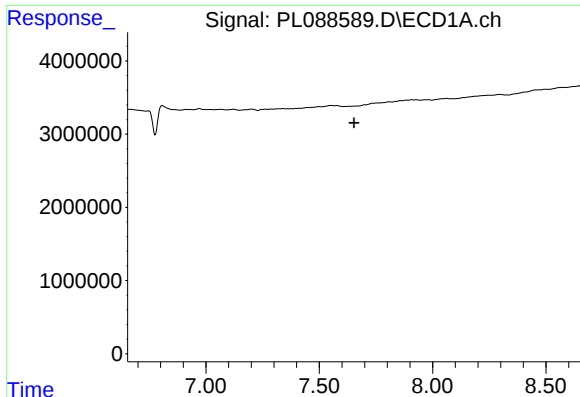
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.309 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

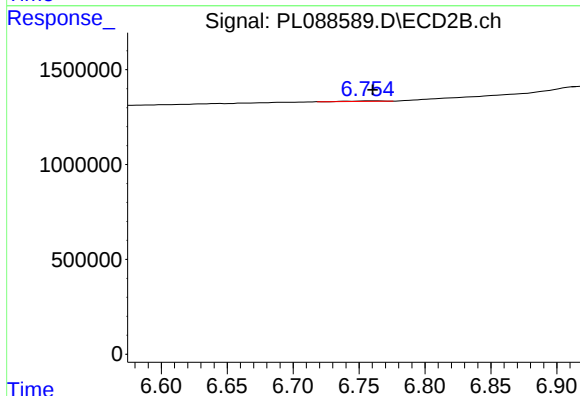
R.T.: 6.479 min  
Delta R.T.: 0.002 min  
Response: 41159  
Conc: 0.03 ng/ml



#20 Methoxychlor

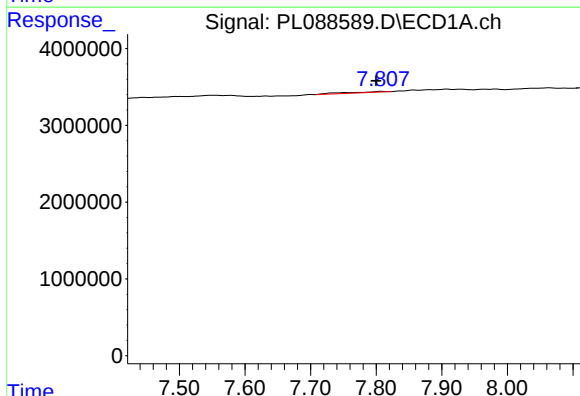
R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



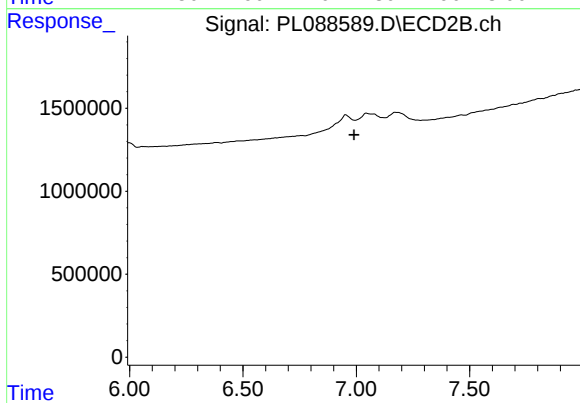
#20 Methoxychlor

R.T.: 6.757 min  
Delta R.T.: -0.003 min  
Response: 43130  
Conc: 0.05 ng/ml



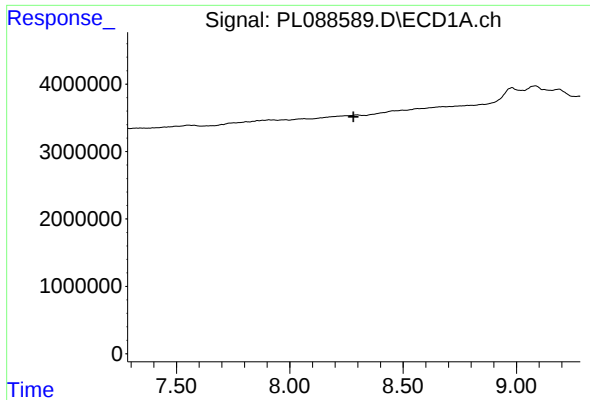
#21 Endrin ketone

R.T.: 7.808 min  
Delta R.T.: 0.008 min  
Response: 536896  
Conc: 0.18 ng/ml



#21 Endrin ketone

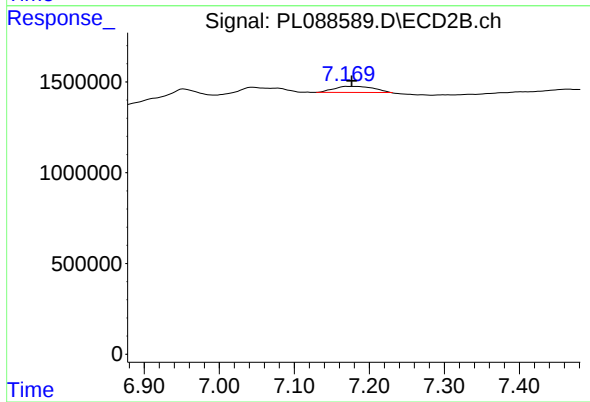
R.T.: 0.000 min  
Exp R.T.: 6.990 min  
Response: 0  
Conc: N.D.



#22 Mirex

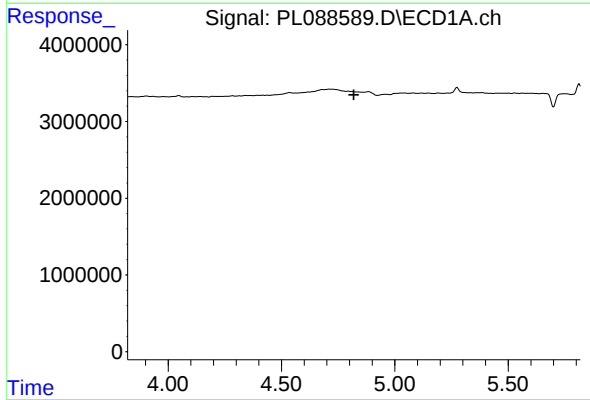
R.T.: 0.000 min  
Exp R.T.: 8.282 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



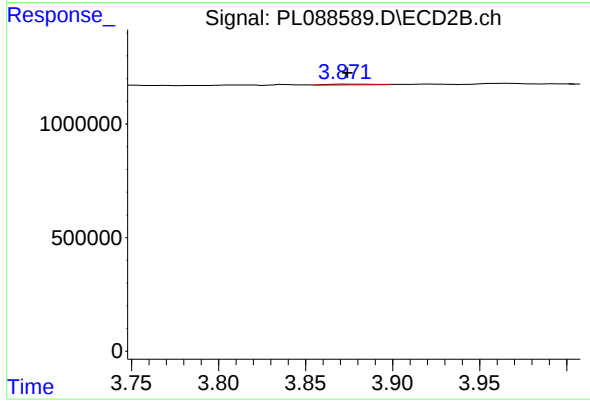
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.006 min  
Response: 1226352  
Conc: 0.91 ng/ml



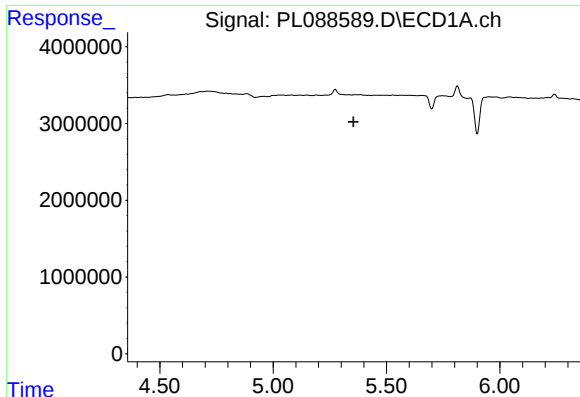
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

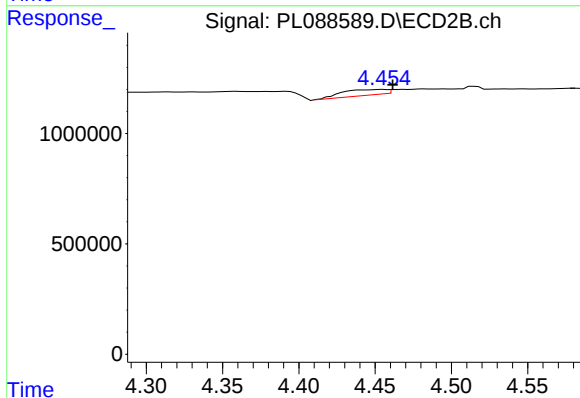
R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 62160  
Conc: 1.28 ng/ml



#24 Chlordane-2

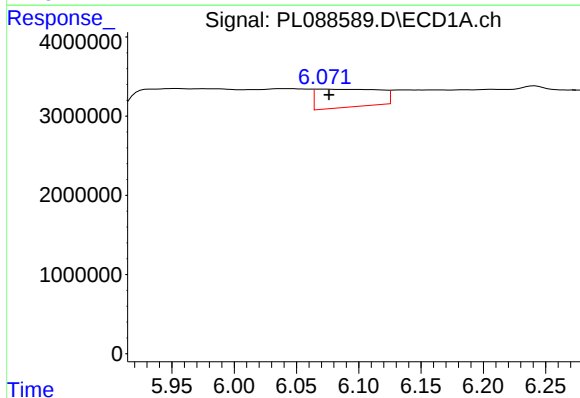
R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



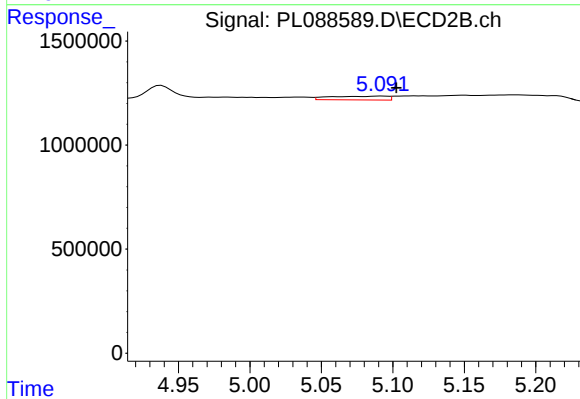
#24 Chlordane-2

R.T.: 4.455 min  
Delta R.T.: -0.006 min  
Response: 528546  
Conc: 8.71 ng/ml



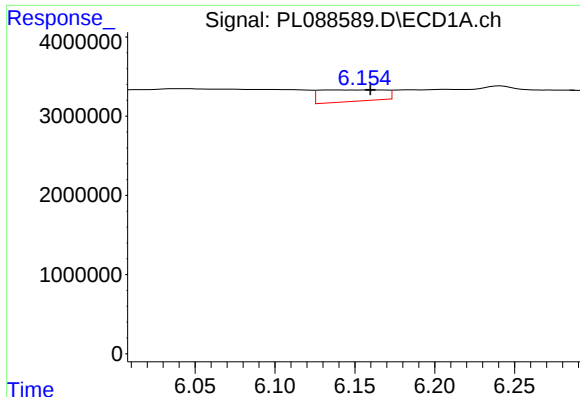
#25 Chlordane-3

R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 8063890  
Conc: 16.22 ng/ml



#25 Chlordane-3

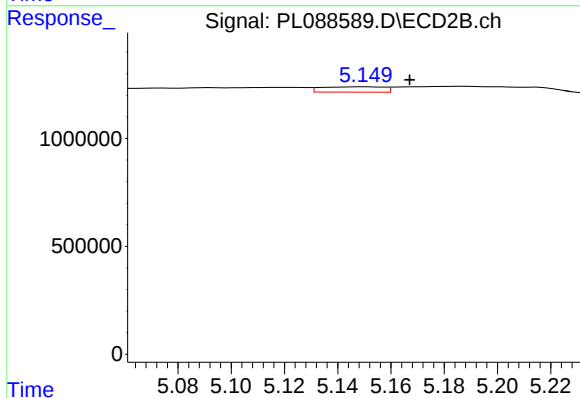
R.T.: 5.092 min  
Delta R.T.: -0.010 min  
Response: 502304  
Conc: 2.94 ng/ml



#26 Chlordane-4

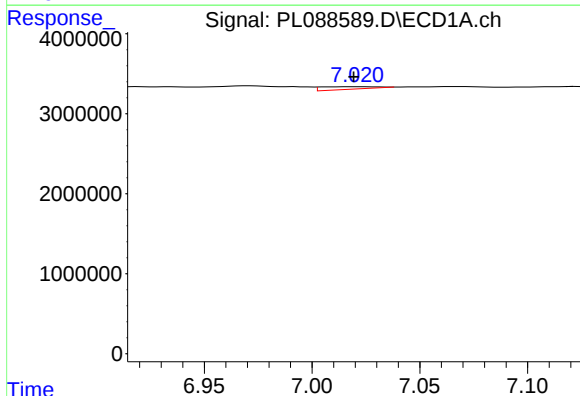
R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 4105618  
Conc: 6.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



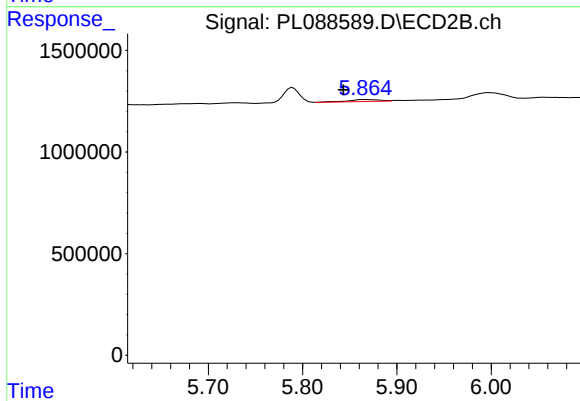
#26 Chlordane-4

R.T.: 5.150 min  
Delta R.T.: -0.017 min  
Response: 403970  
Conc: 2.53 ng/ml



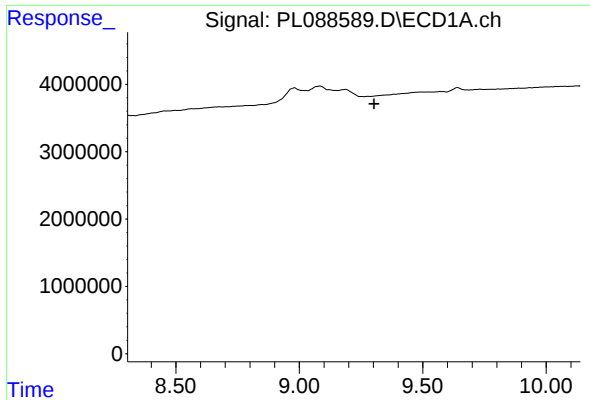
#27 Chlordane-5

R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 560296  
Conc: 5.30 ng/ml



#27 Chlordane-5

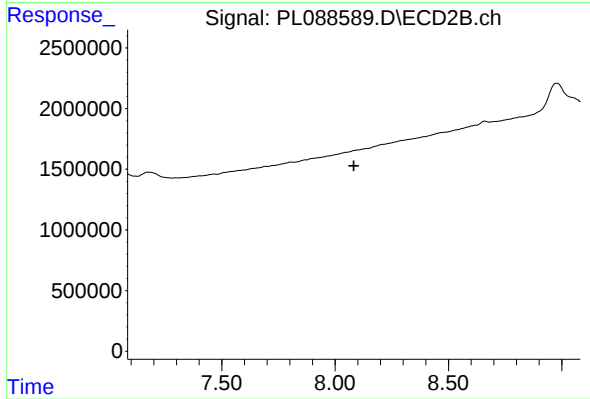
R.T.: 5.865 min  
Delta R.T.: 0.022 min  
Response: 235620  
Conc: 4.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.303 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.082 min  
Response: 0  
Conc: N.D.