

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040224\  
 Data File : PL088867.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2024 08:40  
 Operator : AR\AJ  
 Sample : I,BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 01:12:59 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... | 3.634  | 2.851  | 60563759 | 31601970 | 22.855 | 23.712  |
| 28)                         | SA Decachlor... | 9.302  | 8.078  | 52642738 | 34114316 | 21.296 | 25.160  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.352f | 0        | 58325    | N.D.   | 0.029 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.688f | 0        | 19253    | N.D.   | 0.010 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.065  | 0        | 16662    | N.D.   | 0.009 # |
| 5)                          | MB Aldrin       | 0.000  | 4.359f | 0        | 437087   | N.D.   | 0.242 # |
| 6)                          | B beta-BHC      | 0.000  | 4.015  | 0        | 100046   | N.D.   | 0.117 # |
| 7)                          | B delta-BHC     | 0.000  | 4.237  | 0        | 117853   | N.D.   | 0.062 # |
| 8)                          | B Heptachlo...  | 5.812  | 4.850  | 2782926  | 19860    | 0.810  | 0.012 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.218  | 0        | 70206    | N.D.   | 0.047 # |
| 10)                         | B gamma-Chl...  | 6.067  | 5.099  | 180867   | 256372   | 0.054  | 0.155 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.160  | 0        | 141718   | N.D.   | 0.085 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.507  | 0        | 70850    | N.D.   | 0.044 # |
| 14)                         | MA Endrin       | 0.000  | 5.787  | 0        | 703727   | N.D.   | 0.488 # |
| 15)                         | B Endosulfa...  | 6.913f | 6.060  | 1083524  | 64025    | 0.378  | 0.045 # |
| 16)                         | A 4,4'-DDD      | 6.866  | 5.919  | 403039   | 45010    | 0.158  | 0.036 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.178  | 0        | 25527    | N.D.   | 0.019 # |
| 18)                         | B Endrin al...  | 0.000  | 6.252  | 0        | 79688    | N.D.   | 0.076 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.475  | 0        | 238530   | N.D.   | 0.172 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.750  | 0        | 39718    | N.D.   | 0.050 # |
| 22)                         | Mirex           | 0.000  | 7.186  | 0        | 319942   | N.D.   | 0.237 # |
| 23)                         | Chlordane-1     | 0.000  | 3.886  | 0        | 45285    | N.D.   | 0.933 # |
| 24)                         | Chlordane-2     | 0.000  | 4.457  | 0        | 49042    | N.D.   | 0.808 # |
| 25)                         | Chlordane-3     | 6.067  | 5.099  | 180867   | 256372   | 0.364  | 1.502 # |
| 26)                         | Chlordane-4     | 0.000  | 5.160  | 0        | 141718   | N.D.   | 0.888 # |
| 27)                         | Chlordane-5     | 0.000  | 5.821f | 0        | 25697    | N.D.   | 0.507 # |
| -----                       |                 |        |        |          |          |        |         |

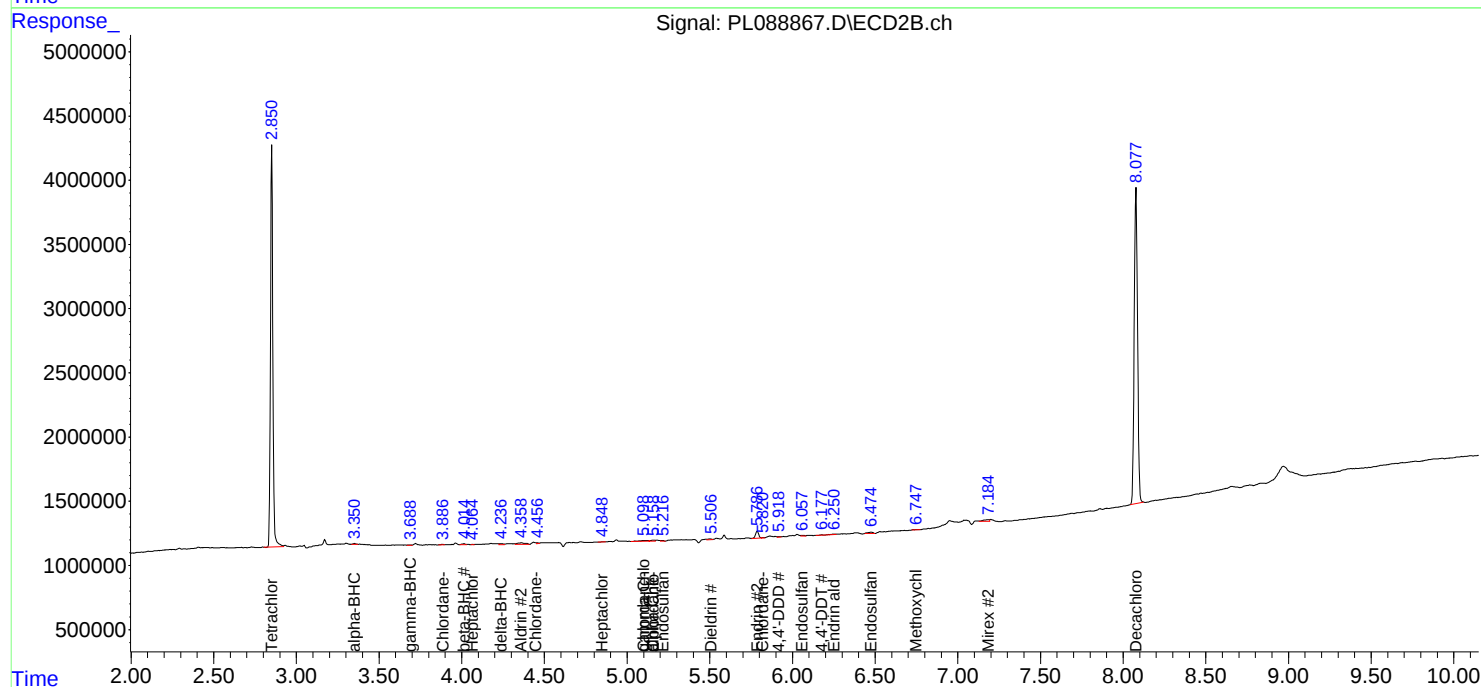
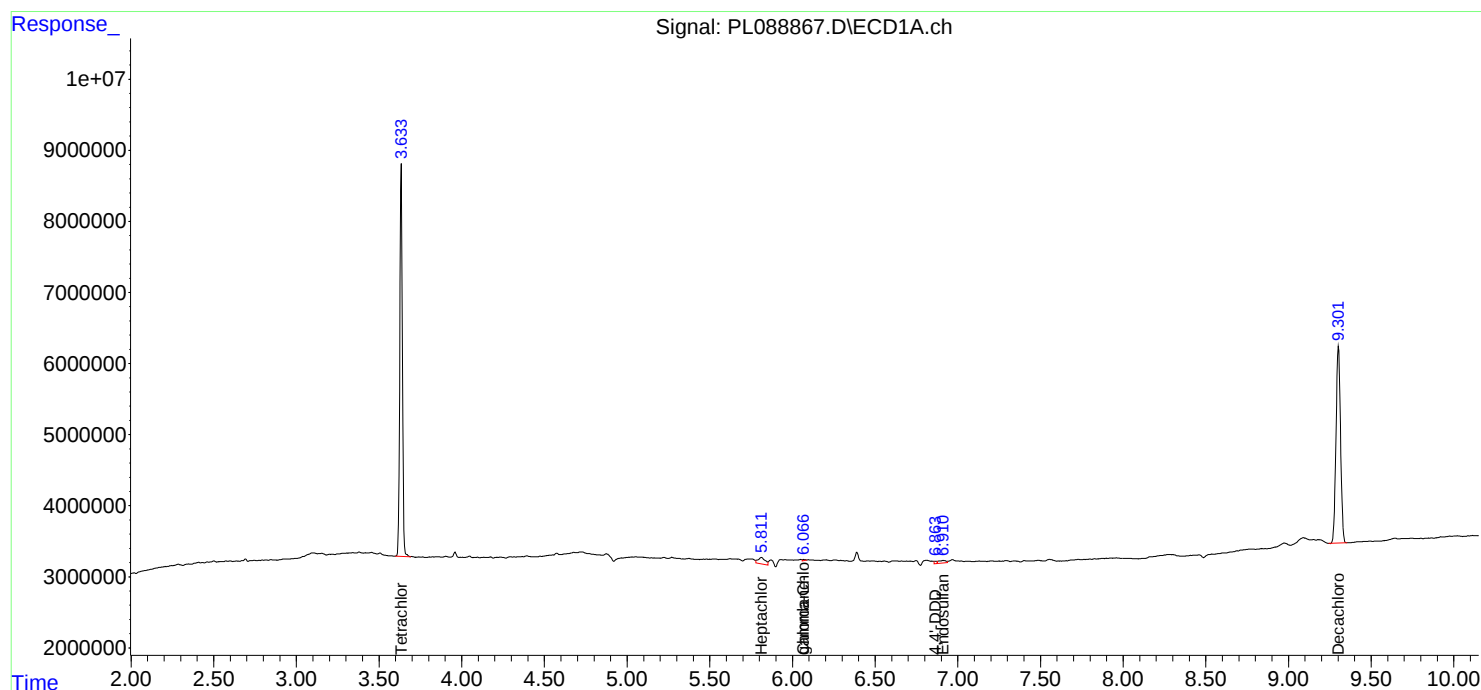
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

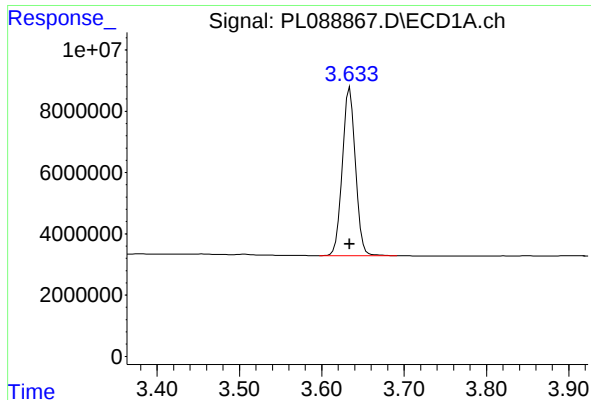
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040224\  
Data File : PL088867.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2024 08:40  
Operator : AR\AJ  
Sample : I,BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 01:12:59 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  
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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

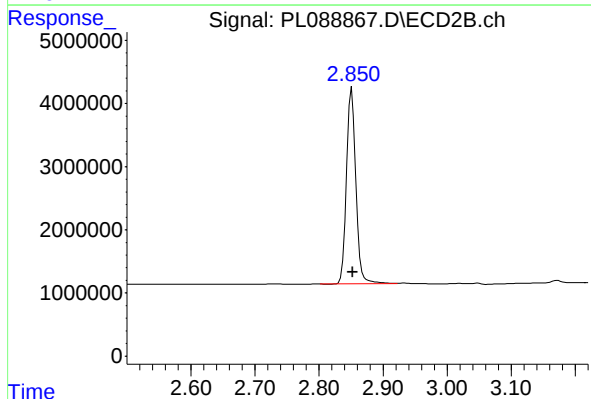




#1 Tetrachloro-m-xylene

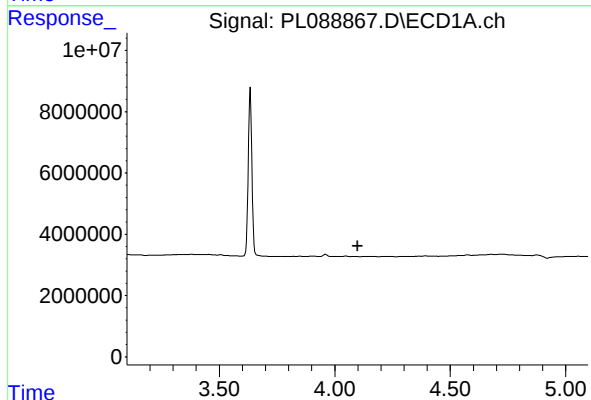
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 60563759  
Conc: 22.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



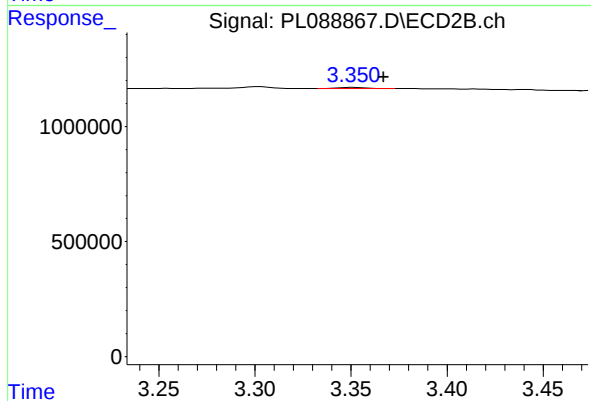
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.001 min  
Response: 31601970  
Conc: 23.71 ng/ml



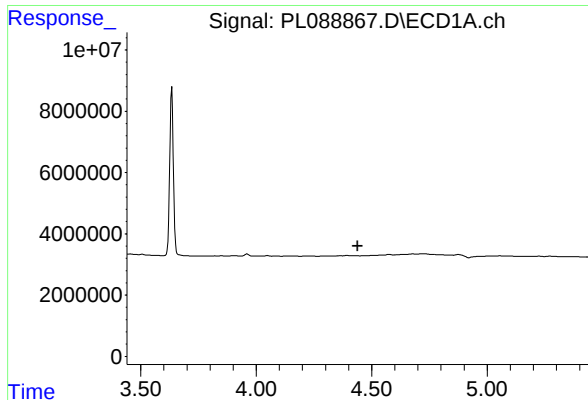
#2 alpha-BHC

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



#2 alpha-BHC

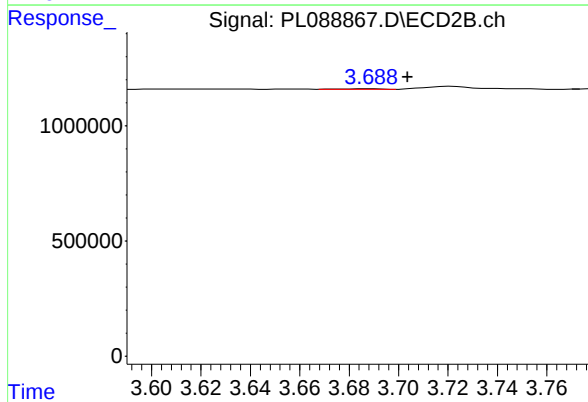
R.T.: 3.352 min  
Delta R.T.: -0.016 min  
Response: 58325  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

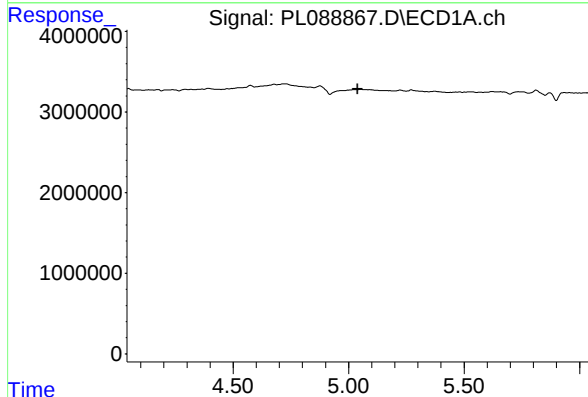
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



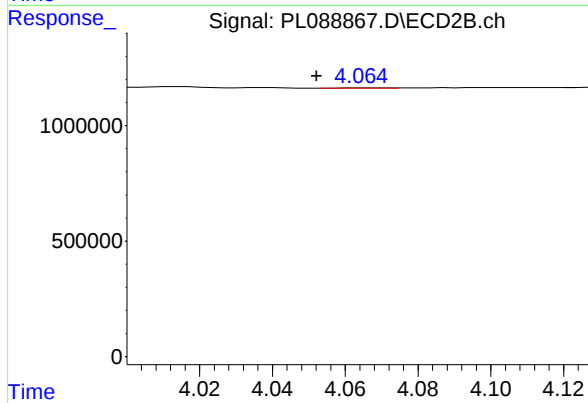
#3 gamma-BHC (Lindane)

R.T.: 3.688 min  
Delta R.T.: -0.016 min  
Response: 19253  
Conc: 0.01 ng/ml



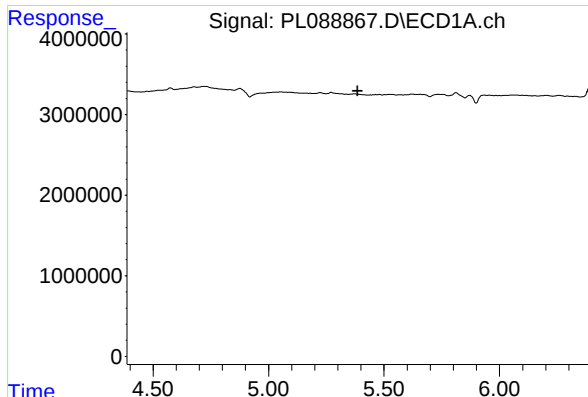
#4 Heptachlor

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



#4 Heptachlor

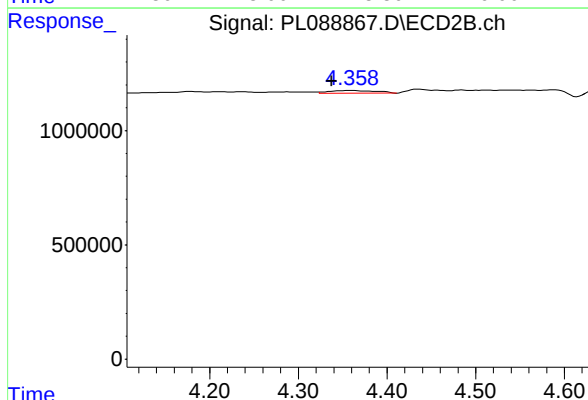
R.T.: 4.065 min  
Delta R.T.: 0.013 min  
Response: 16662  
Conc: 0.01 ng/ml



#5 Aldrin

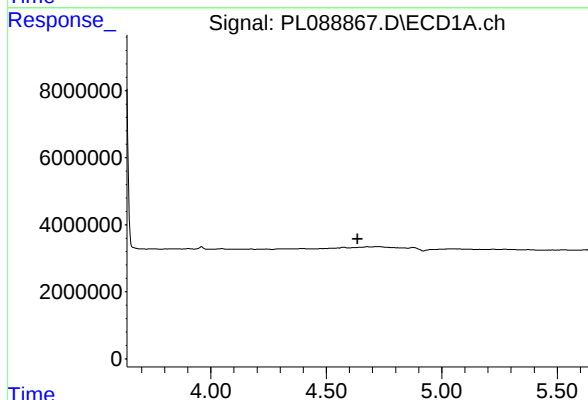
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



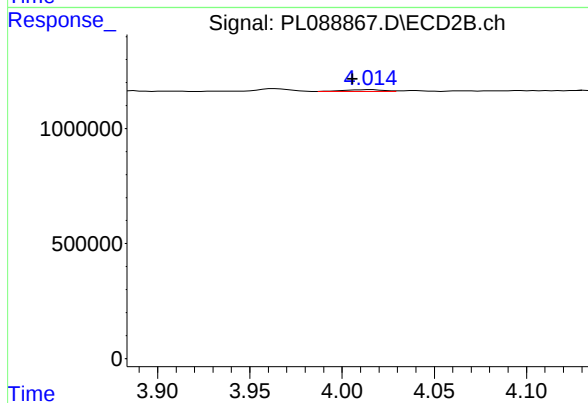
#5 Aldrin

R.T.: 4.359 min  
Delta R.T.: 0.022 min  
Response: 437087  
Conc: 0.24 ng/ml



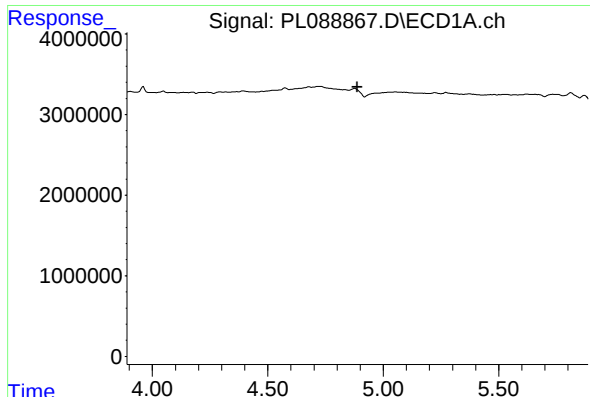
#6 beta-BHC

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



#6 beta-BHC

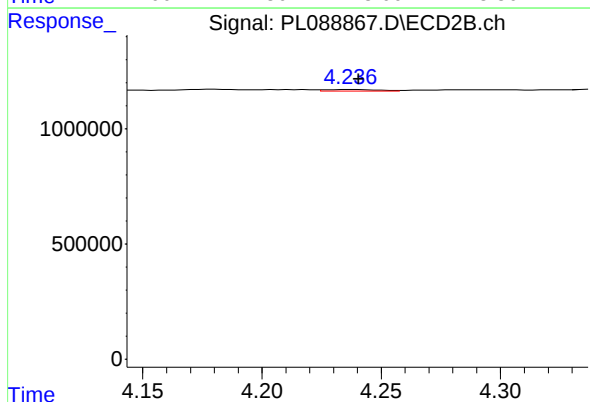
R.T.: 4.015 min  
Delta R.T.: 0.009 min  
Response: 100046  
Conc: 0.12 ng/ml



#7 delta-BHC

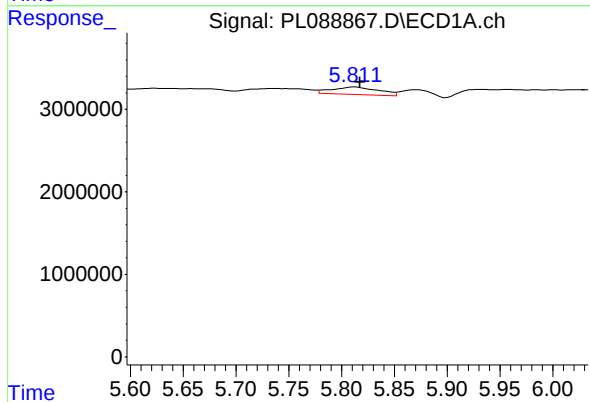
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



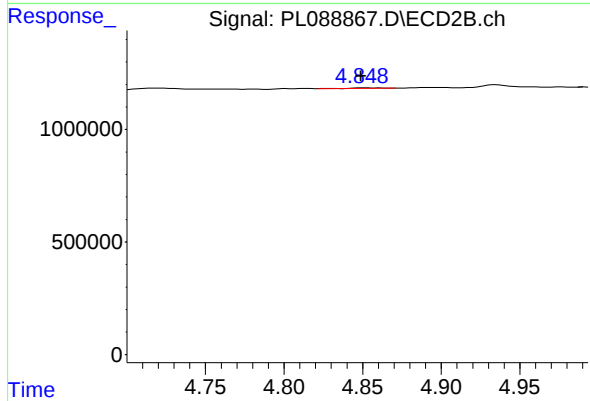
#7 delta-BHC

R.T.: 4.237 min  
Delta R.T.: -0.003 min  
Response: 117853  
Conc: 0.06 ng/ml



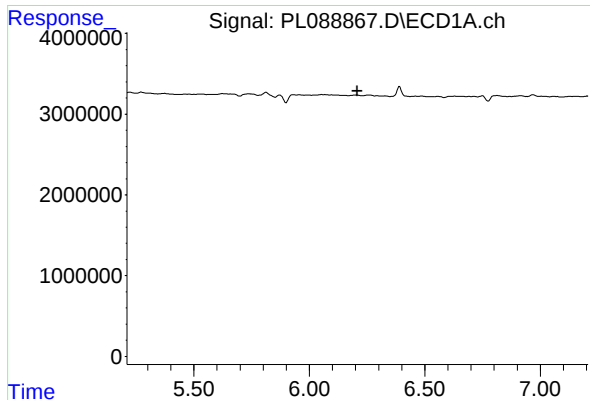
#8 Heptachlor epoxide

R.T.: 5.812 min  
Delta R.T.: -0.005 min  
Response: 2782926  
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

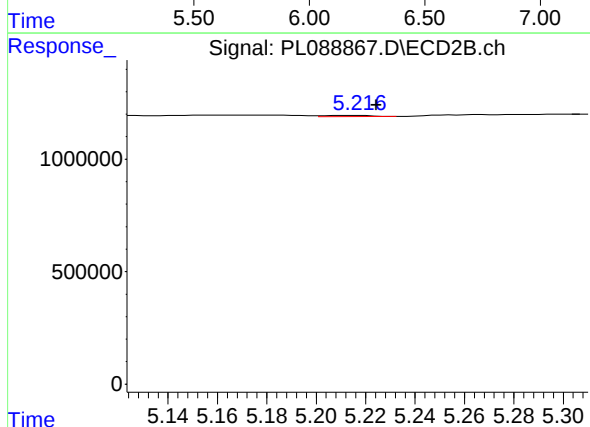
R.T.: 4.850 min  
Delta R.T.: 0.001 min  
Response: 19860  
Conc: 0.01 ng/ml



#9 Endosulfan I

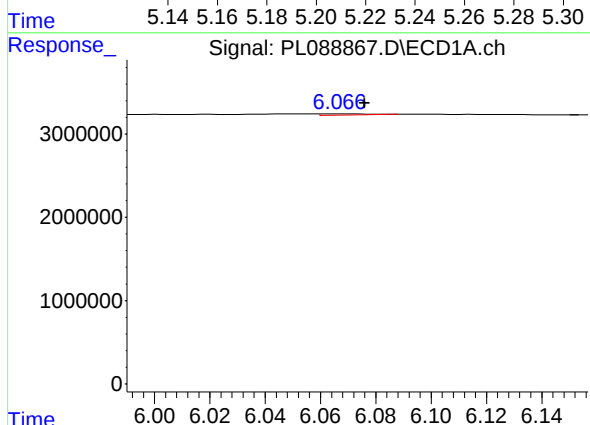
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



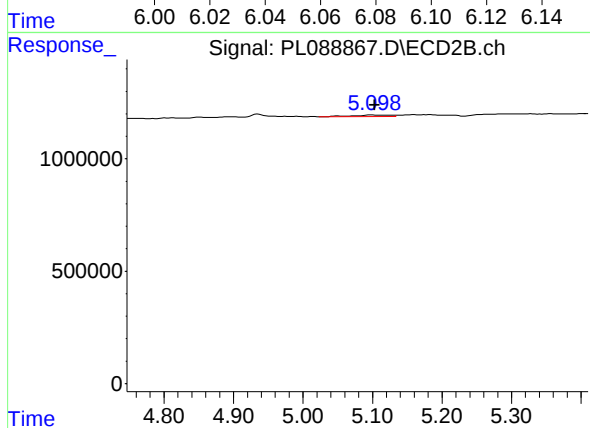
#9 Endosulfan I

R.T.: 5.218 min  
Delta R.T.: -0.007 min  
Response: 70206  
Conc: 0.05 ng/ml



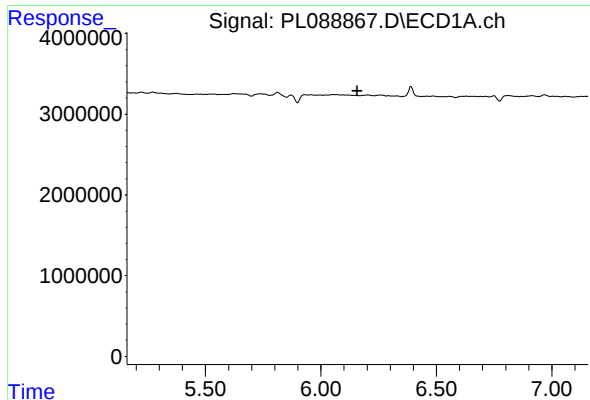
#10 gamma-Chlordane

R.T.: 6.067 min  
Delta R.T.: -0.009 min  
Response: 180867  
Conc: 0.05 ng/ml



#10 gamma-Chlordane

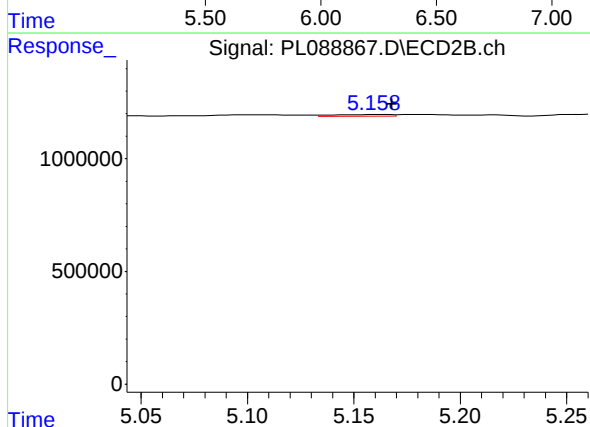
R.T.: 5.099 min  
Delta R.T.: -0.004 min  
Response: 256372  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

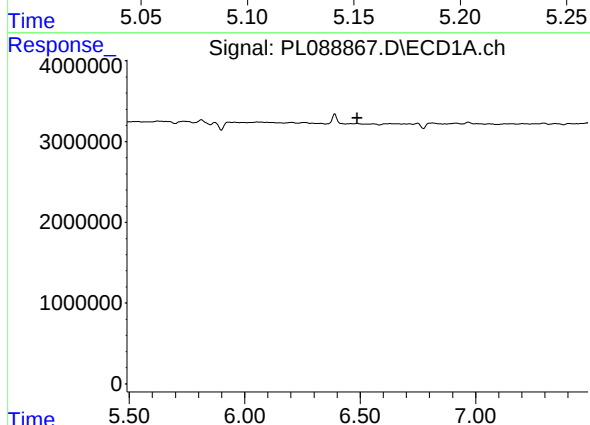
R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



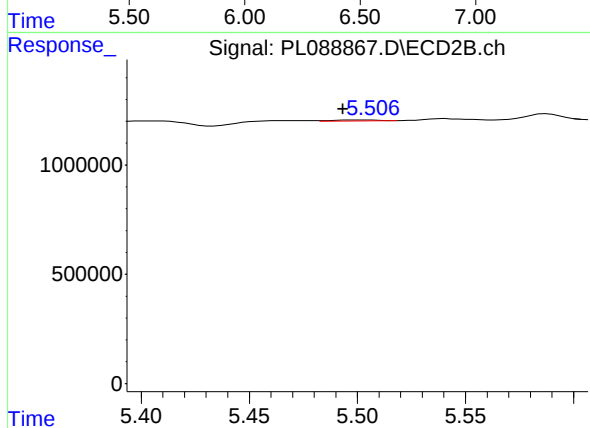
#11 alpha-Chlordane

R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 141718  
Conc: 0.09 ng/ml



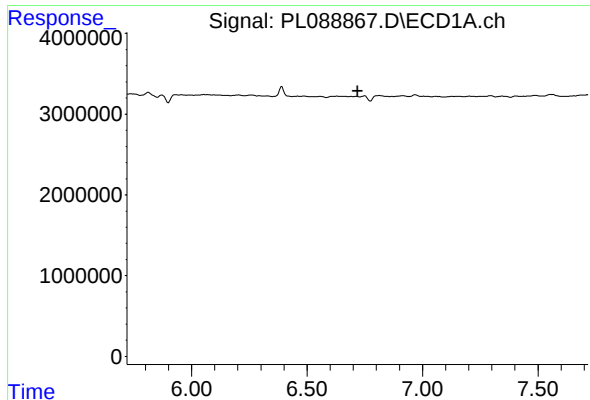
#13 Dieldrin

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



#13 Dieldrin

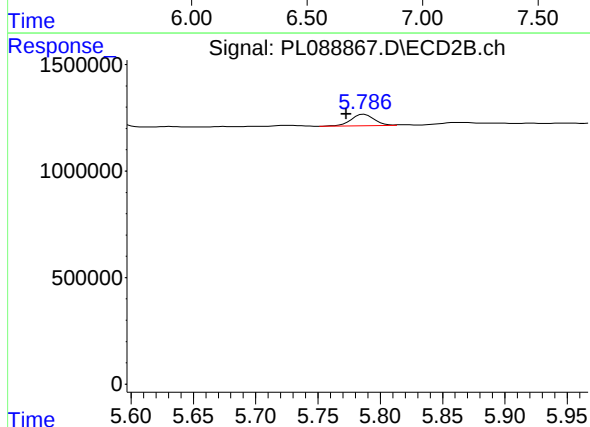
R.T.: 5.507 min  
Delta R.T.: 0.013 min  
Response: 70850  
Conc: 0.04 ng/ml



#14 Endrin

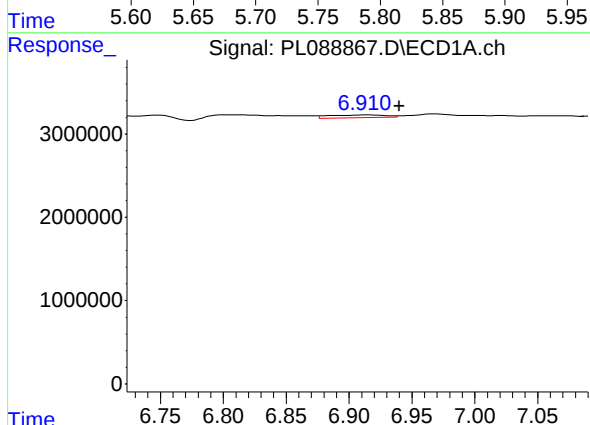
R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



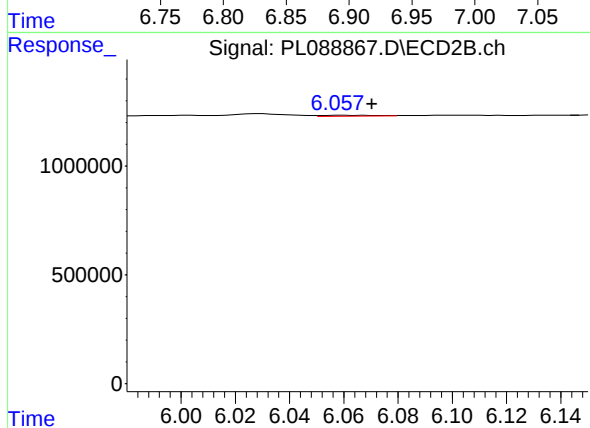
#14 Endrin

R.T.: 5.787 min  
Delta R.T.: 0.014 min  
Response: 703727  
Conc: 0.49 ng/ml



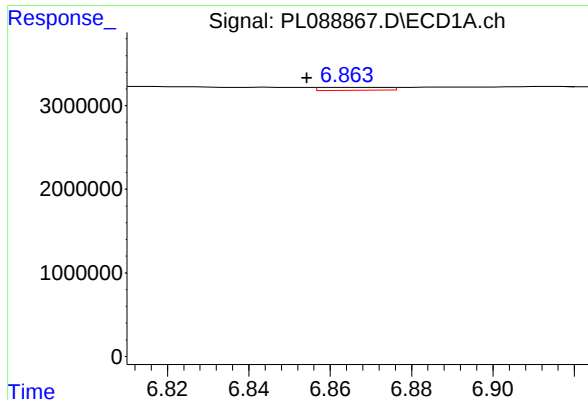
#15 Endosulfan II

R.T.: 6.913 min  
Delta R.T.: -0.027 min  
Response: 1083524  
Conc: 0.38 ng/ml



#15 Endosulfan II

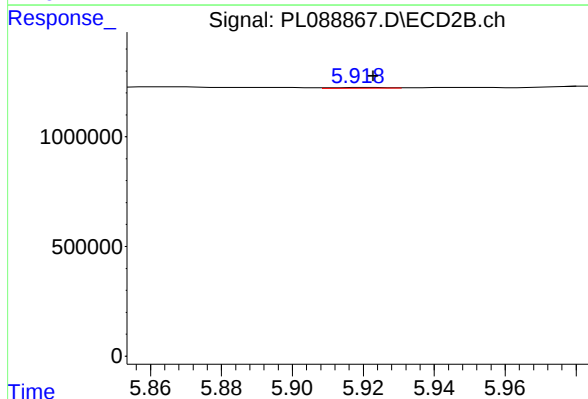
R.T.: 6.060 min  
Delta R.T.: -0.011 min  
Response: 64025  
Conc: 0.04 ng/ml



#16 4,4'-DDD

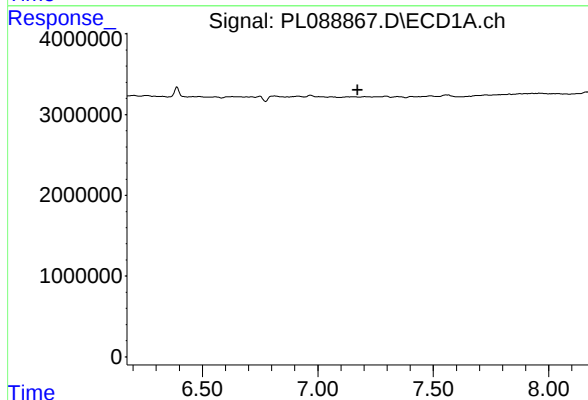
R.T.: 6.866 min  
Delta R.T.: 0.012 min  
Response: 403039  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



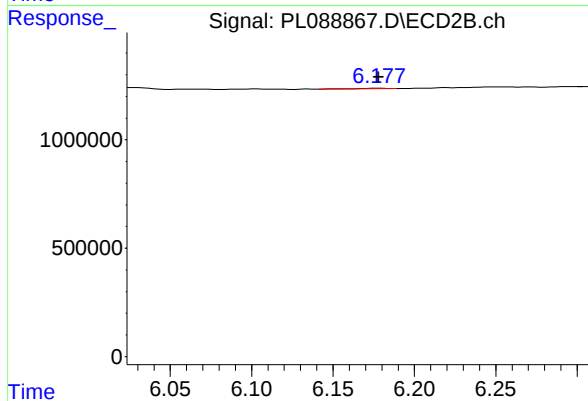
#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 45010  
Conc: 0.04 ng/ml



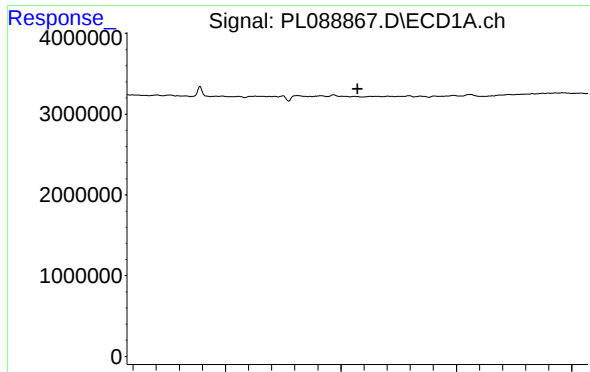
#17 4,4'-DDT

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



#17 4,4'-DDT

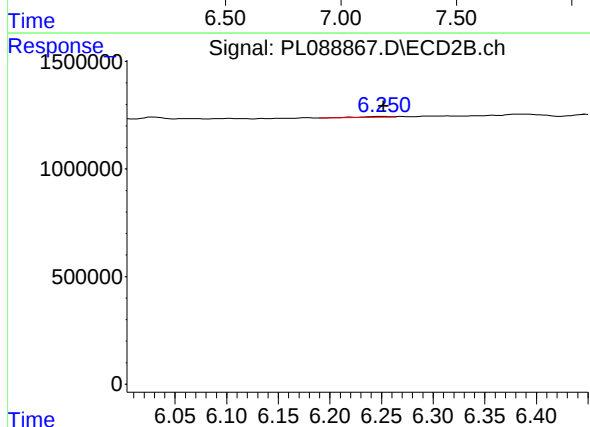
R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 25527  
Conc: 0.02 ng/ml



#18 Endrin aldehyde

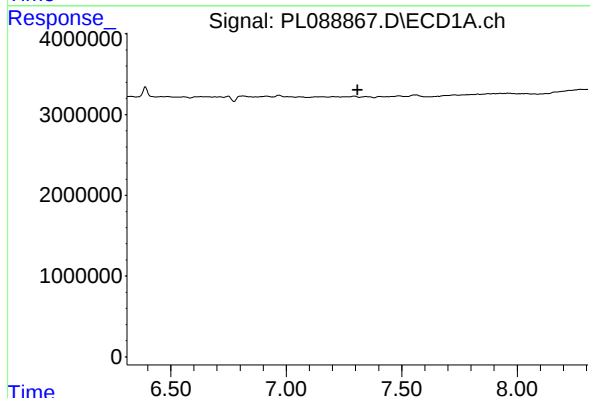
R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



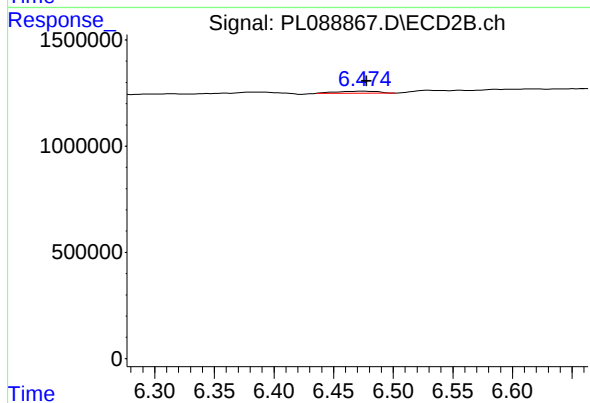
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 79688  
Conc: 0.08 ng/ml



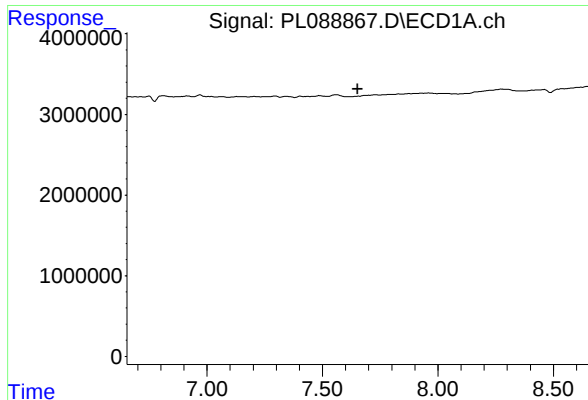
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

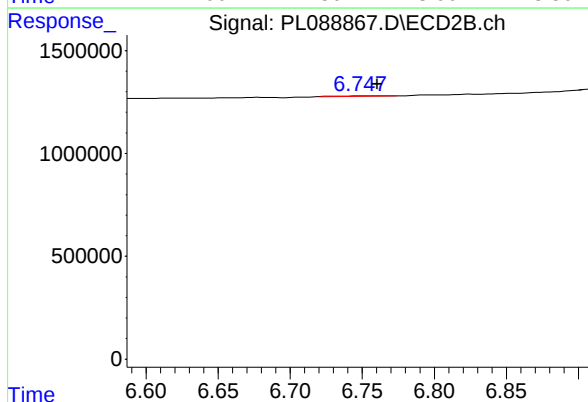
R.T.: 6.475 min  
Delta R.T.: -0.002 min  
Response: 238530  
Conc: 0.17 ng/ml



#20 Methoxychlor

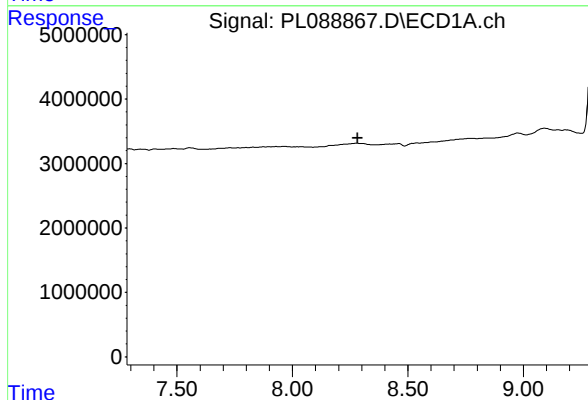
R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



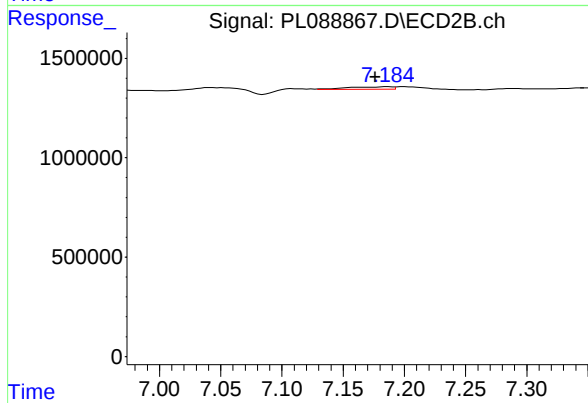
#20 Methoxychlor

R.T.: 6.750 min  
Delta R.T.: -0.010 min  
Response: 39718  
Conc: 0.05 ng/ml



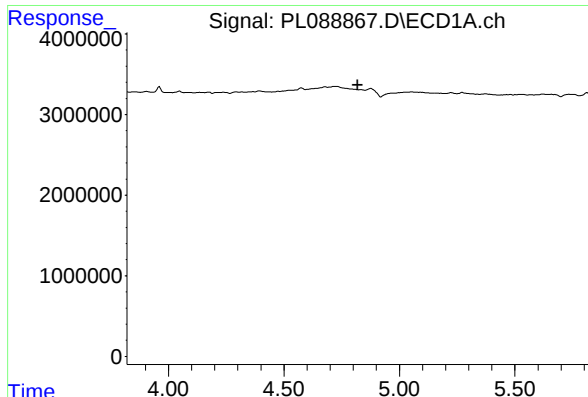
#22 Mirex

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



#22 Mirex

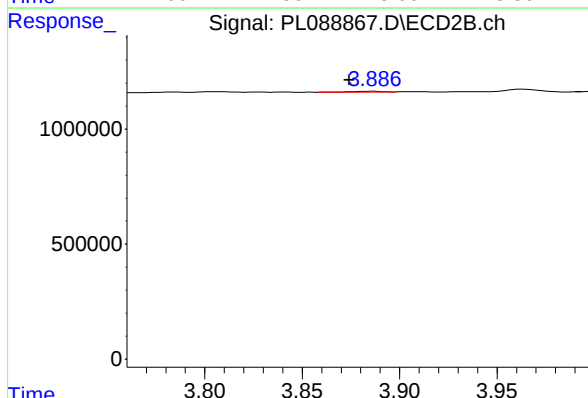
R.T.: 7.186 min  
Delta R.T.: 0.009 min  
Response: 319942  
Conc: 0.24 ng/ml



#23 Chlorine-1

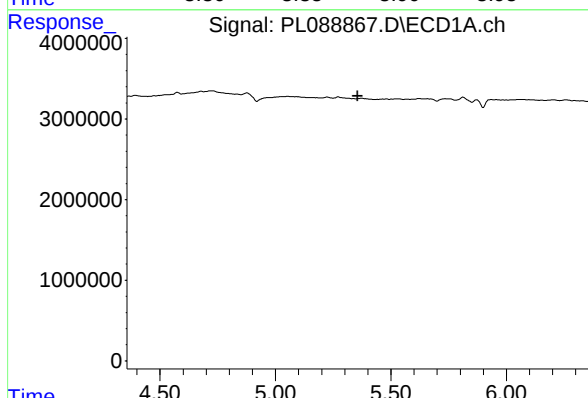
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



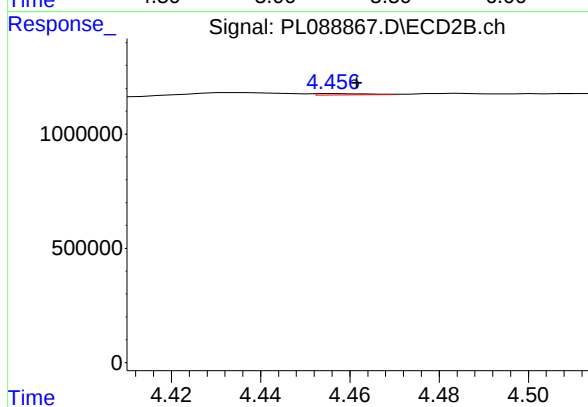
#23 Chlorine-1

R.T.: 3.886 min  
Delta R.T.: 0.012 min  
Response: 45285  
Conc: 0.93 ng/ml



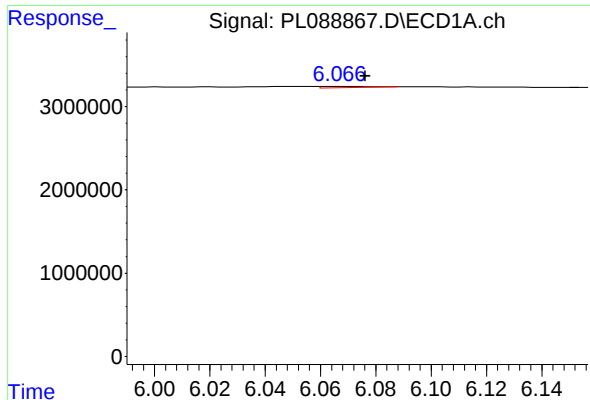
#24 Chlorine-2

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



#24 Chlorine-2

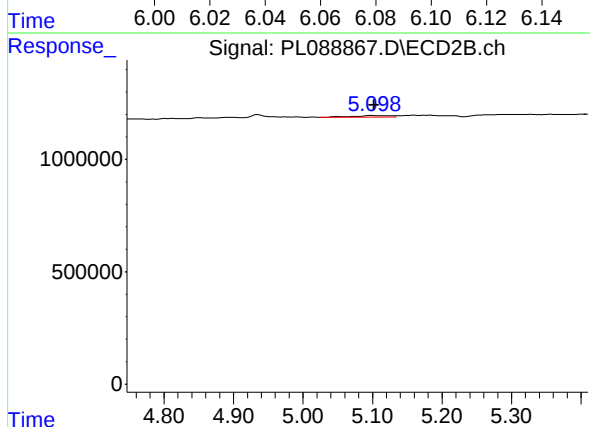
R.T.: 4.457 min  
Delta R.T.: -0.005 min  
Response: 49042  
Conc: 0.81 ng/ml



#25 Chlordane-3

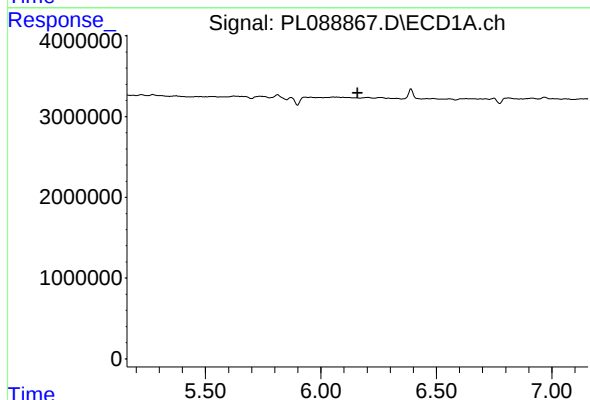
R.T.: 6.067 min  
Delta R.T.: -0.009 min  
Response: 180867  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



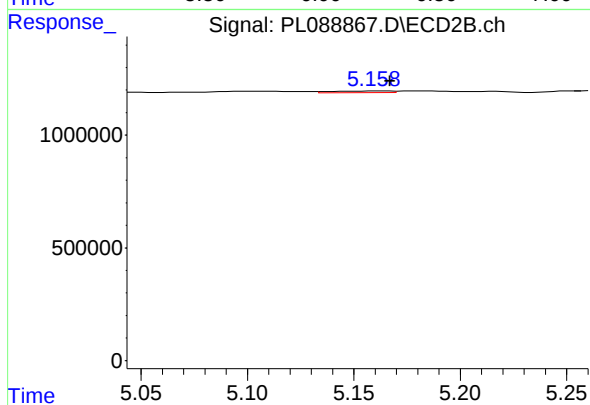
#25 Chlordane-3

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 256372  
Conc: 1.50 ng/ml



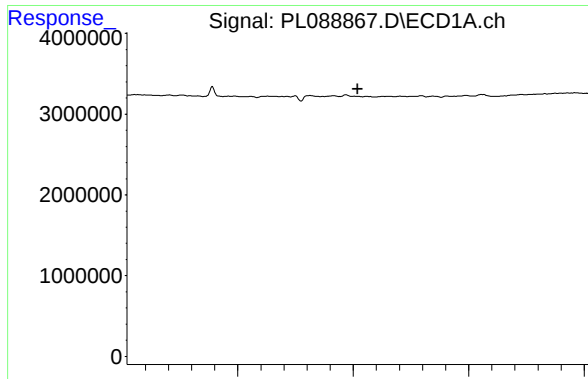
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

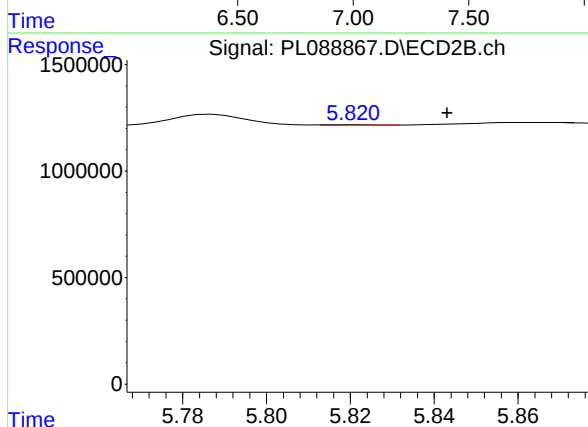
R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 141718  
Conc: 0.89 ng/ml



#27 Chlordane-5

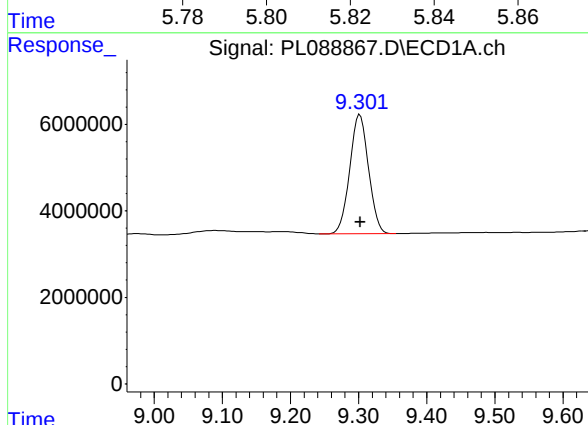
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



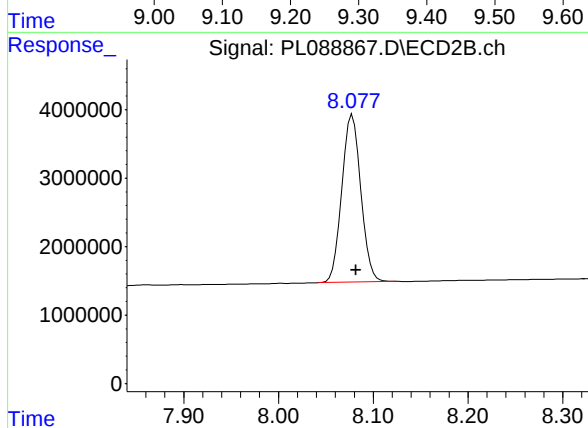
#27 Chlordane-5

R.T.: 5.821 min  
Delta R.T.: -0.022 min  
Response: 25697  
Conc: 0.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min  
Delta R.T.: 0.000 min  
Response: 52642738  
Conc: 21.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min  
Delta R.T.: -0.004 min  
Response: 34114316  
Conc: 25.16 ng/ml