

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040224\  
 Data File : PL088877.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2024 12:54  
 Operator : AR\AJ  
 Sample : PB159873BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 01:15:14 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... | 3.641  | 2.852  | 52334085 | 34502621 | 19.749  | 25.888 # |
| 28)                         | SA Decachlor... | 9.309  | 8.082  | 46007297 | 30912872 | 18.612  | 22.798   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.121f | 3.352f | 1911155  | 38604    | 0.479   | 0.019 #  |
| 3)                          | MA gamma-BHC... | 4.468f | 3.723f | 554372   | 130182   | 0.143   | 0.068 #  |
| 4)                          | MA Heptachlor   | 5.042  | 4.051  | 34353852 | 17833090 | 9.047   | 9.909    |
| 5)                          | MB Aldrin       | 5.361f | 4.354f | 30755532 | 1442468  | 8.393   | 0.798 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.012  | 0        | 34356    | N.D.    | 0.040 #  |
| 7)                          | B delta-BHC     | 4.888  | 4.237  | 3721337  | 1407333  | 0.924   | 0.736    |
| 8)                          | B Heptachlo...  | 5.805  | 0.000  | 22925252 | 0        | 6.674   | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.211  | 0        | 3453557  | N.D.    | 2.297 #  |
| 10)                         | B gamma-Chl...  | 6.081  | 5.102  | 110.9E6  | 40859323 | 33.295  | 24.669 # |
| 11)                         | B alpha-Chl...  | 6.164  | 5.166  | 136.0E6  | 38000184 | 40.911  | 22.893 # |
| 12)                         | B 4,4'-DDE      | 6.322  | 5.339f | 529960   | 300165   | 0.177   | 0.206    |
| 13)                         | MA Dieldrin     | 6.493  | 5.472f | 6332938  | 1430366  | 1.953   | 0.881 #  |
| 14)                         | MA Endrin       | 6.748f | 5.777  | 3953738  | 4086632  | 1.446   | 2.835 #  |
| 15)                         | B Endosulfa...  | 6.926  | 6.075  | 3775552  | 14916230 | 1.318   | 10.374 # |
| 16)                         | A 4,4'-DDD      | 6.877f | 5.937  | 6589778  | 274871   | 2.588   | 0.221 #  |
| 18)                         | B Endrin al...  | 7.075  | 6.259  | 1644886  | 111606   | 0.788   | 0.107 #  |
| 20)                         | A Methoxychlor  | 7.646  | 6.755  | 655105   | 120665   | 0.435   | 0.150 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.972f | 0        | 134040   | N.D.    | 0.081 #  |
| 23)                         | Chlordane-1     | 4.825  | 3.874  | 25982184 | 12071451 | 223.438 | 248.612  |
| 24)                         | Chlordane-2     | 5.361  | 4.461  | 30755532 | 15186303 | 233.939 | 250.123  |
| 25)                         | Chlordane-3     | 6.081  | 5.102  | 110.9E6  | 40859323 | 223.034 | 239.404  |
| 26)                         | Chlordane-4     | 6.164  | 5.166  | 136.0E6  | 38000184 | 226.700 | 238.186  |
| 27)                         | Chlordane-5     | 7.024  | 5.843  | 24472206 | 12980136 | 231.516 | 255.941  |

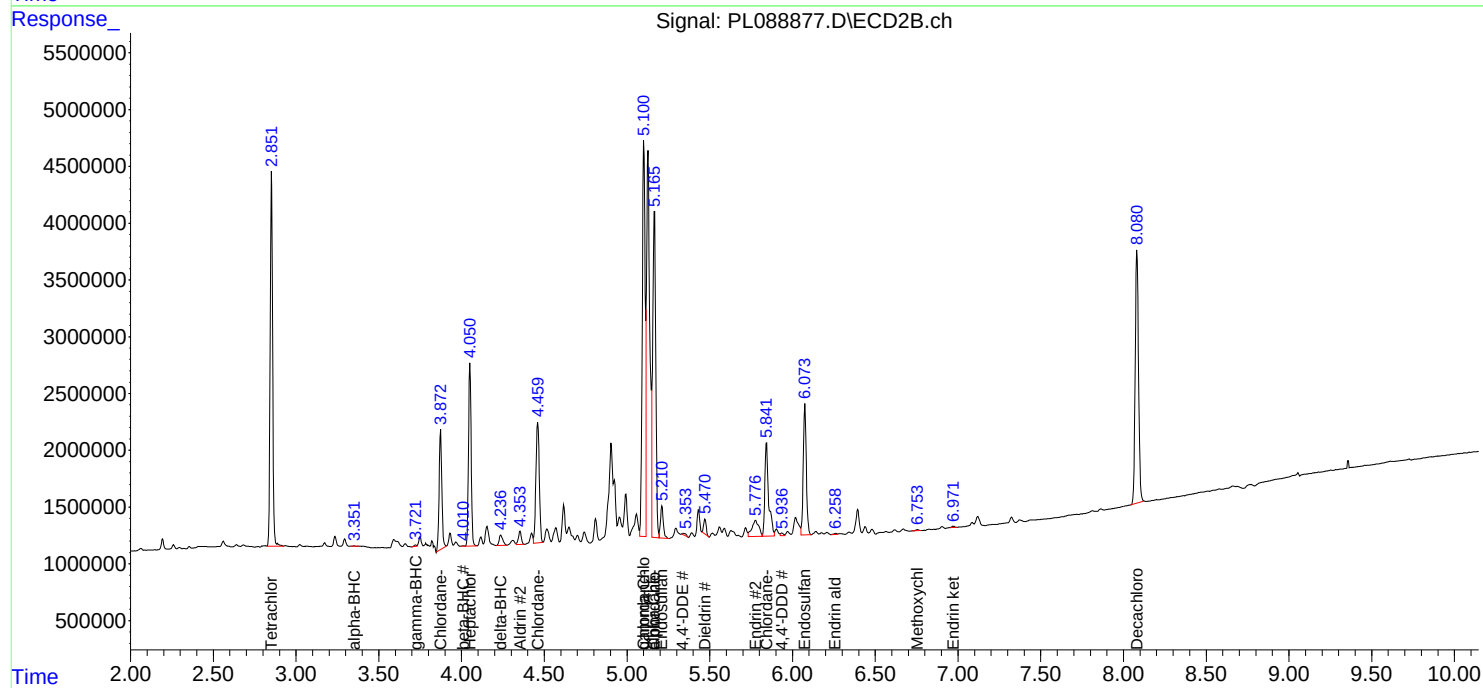
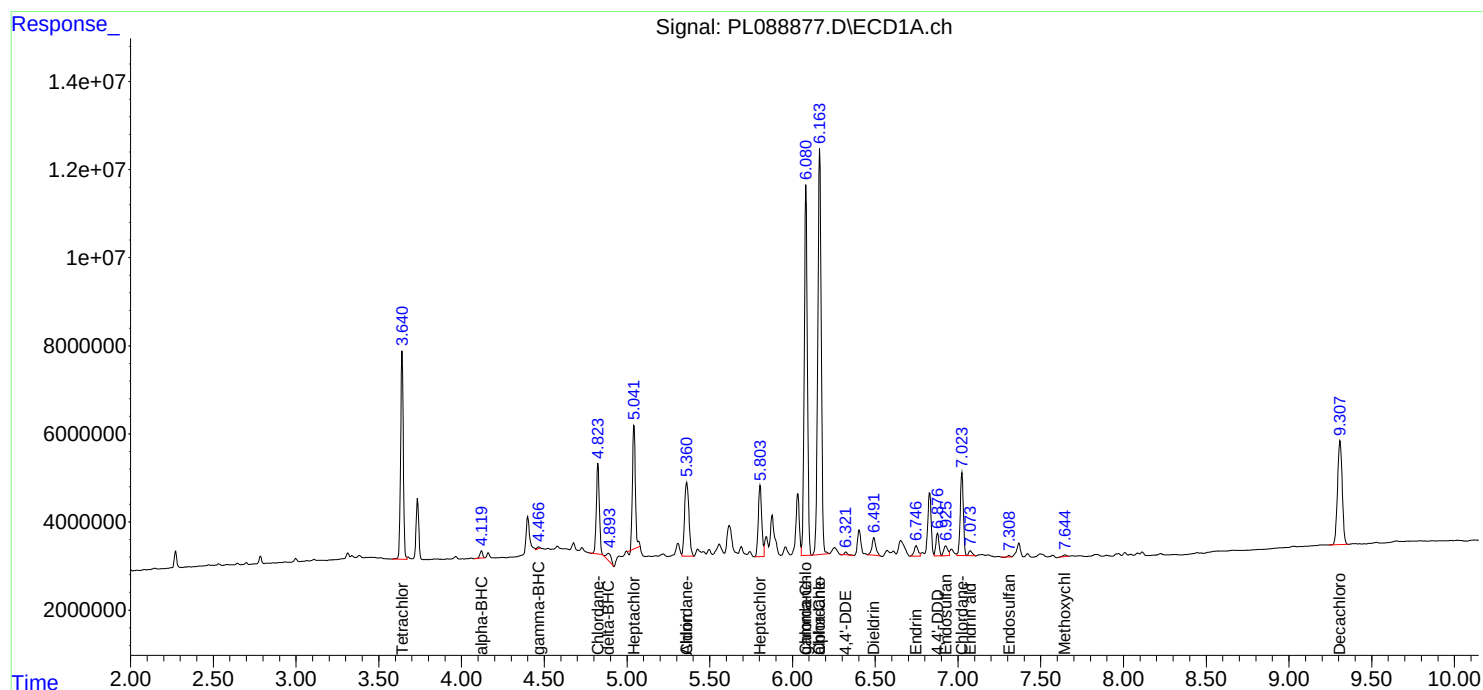
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

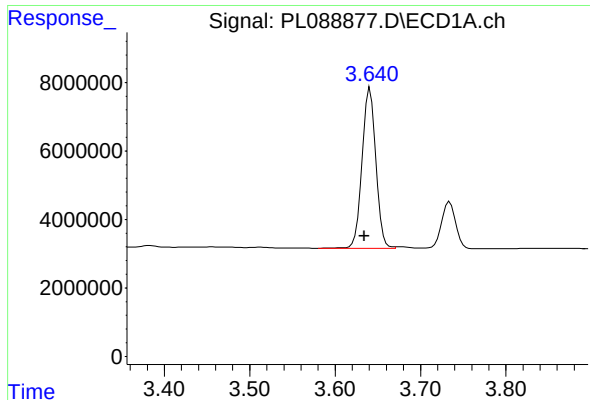
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040224\  
Data File : PL088877.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2024 12:54  
Operator : AR\AJ  
Sample : PB159873BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 01:15:14 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

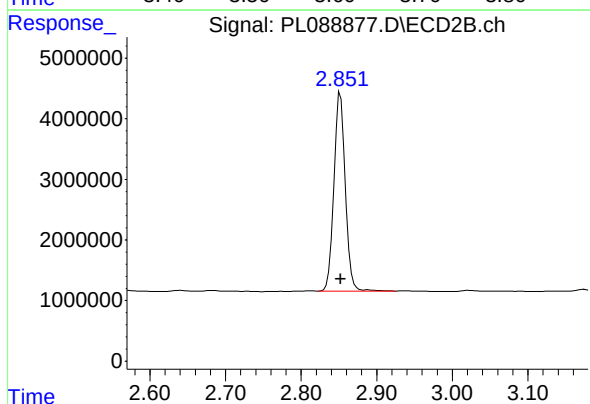




#1 Tetrachloro-m-xylene

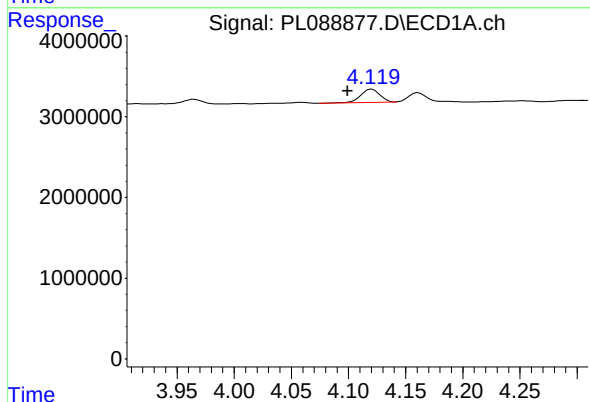
R.T.: 3.641 min  
Delta R.T.: 0.007 min  
Response: 52334085  
Conc: 19.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



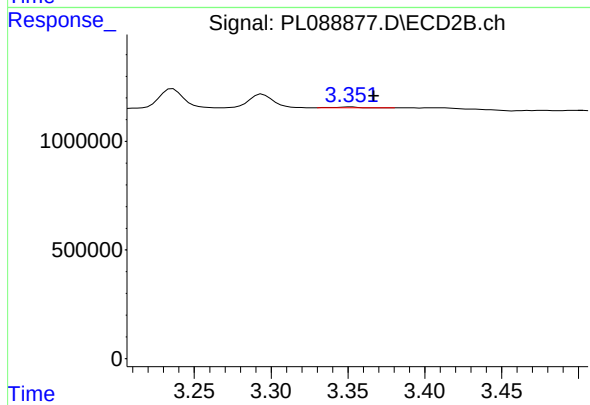
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 34502621  
Conc: 25.89 ng/ml



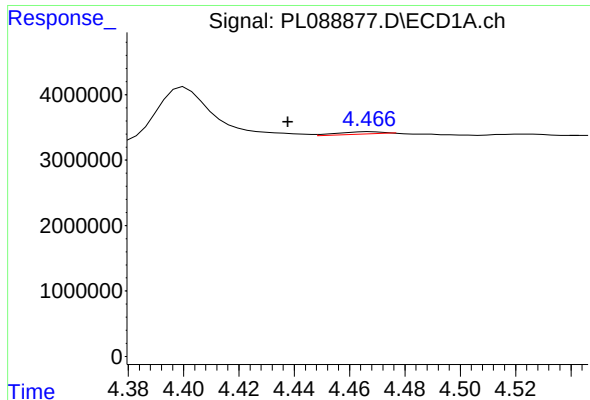
#2 alpha-BHC

R.T.: 4.121 min  
Delta R.T.: 0.022 min  
Response: 1911155  
Conc: 0.48 ng/ml



#2 alpha-BHC

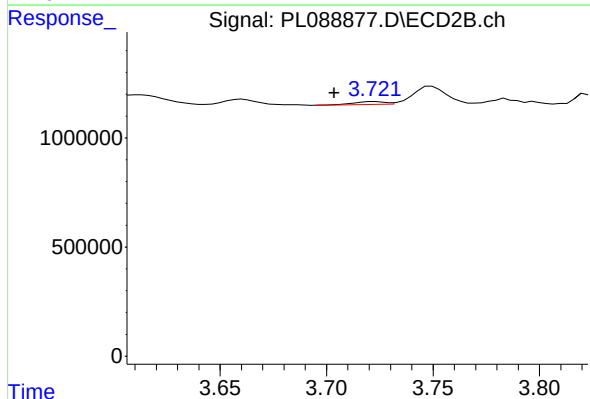
R.T.: 3.352 min  
Delta R.T.: -0.015 min  
Response: 38604  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

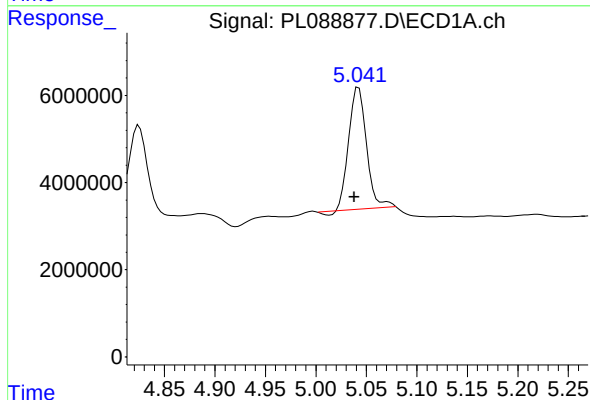
R.T.: 4.468 min  
Delta R.T.: 0.030 min  
Response: 554372  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



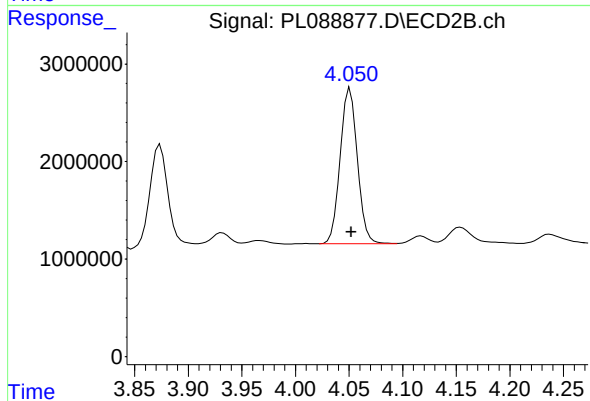
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.019 min  
Response: 130182  
Conc: 0.07 ng/ml



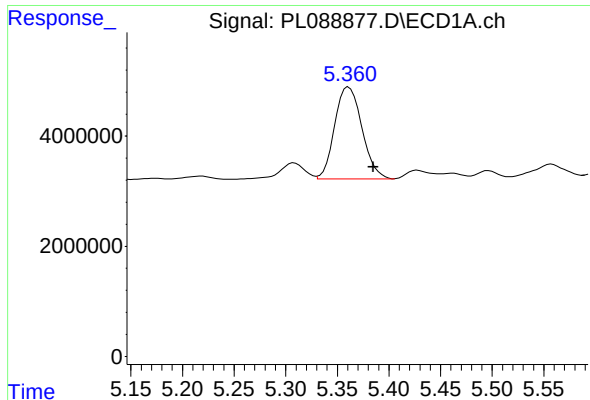
#4 Heptachlor

R.T.: 5.042 min  
Delta R.T.: 0.004 min  
Response: 34353852  
Conc: 9.05 ng/ml



#4 Heptachlor

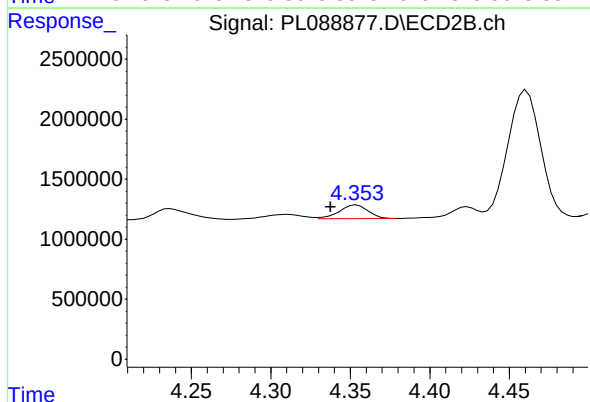
R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 17833090  
Conc: 9.91 ng/ml



#5 Aldrin

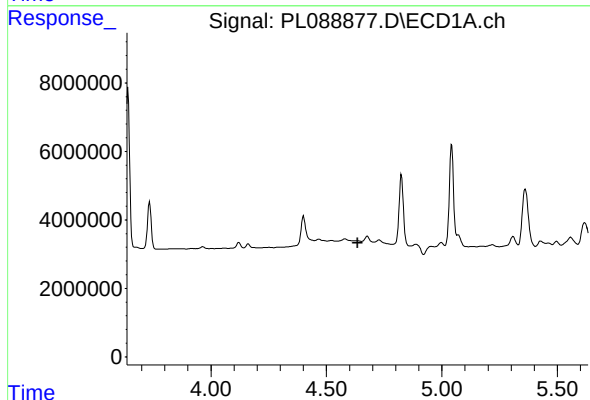
R.T.: 5.361 min  
Delta R.T.: -0.024 min  
Response: 30755532  
Conc: 8.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



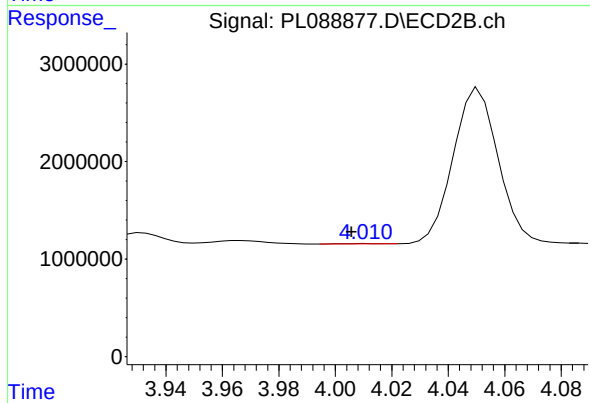
#5 Aldrin

R.T.: 4.354 min  
Delta R.T.: 0.016 min  
Response: 1442468  
Conc: 0.80 ng/ml



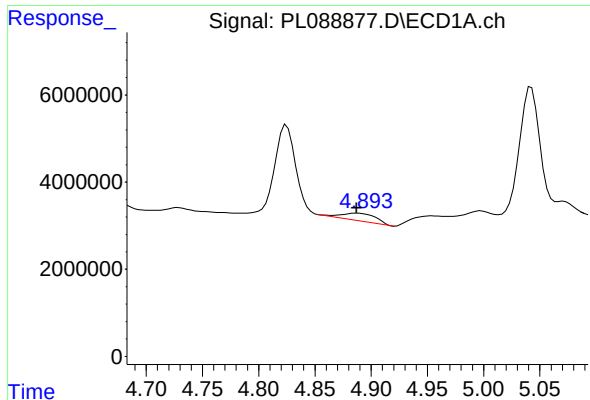
#6 beta-BHC

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



#6 beta-BHC

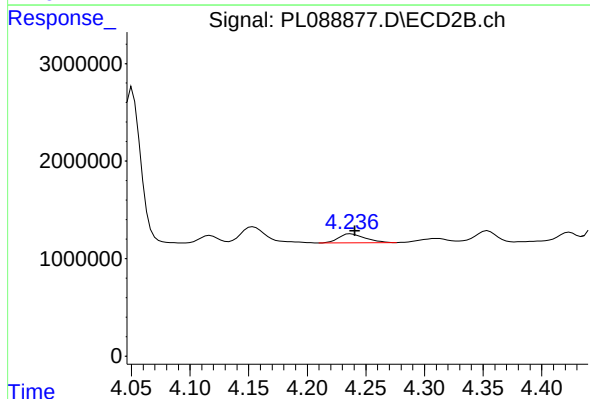
R.T.: 4.012 min  
Delta R.T.: 0.006 min  
Response: 34356  
Conc: 0.04 ng/ml



#7 delta-BHC

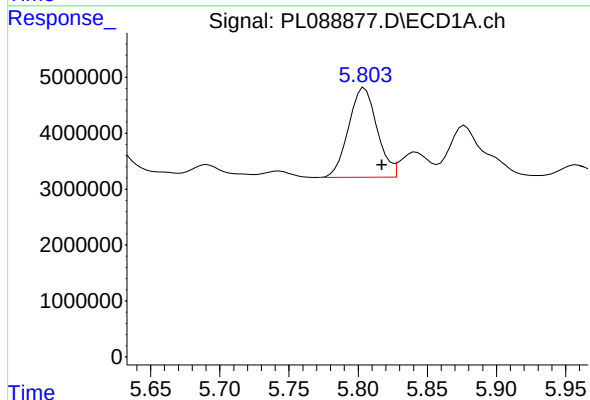
R.T.: 4.888 min  
Delta R.T.: 0.000 min  
Response: 3721337  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



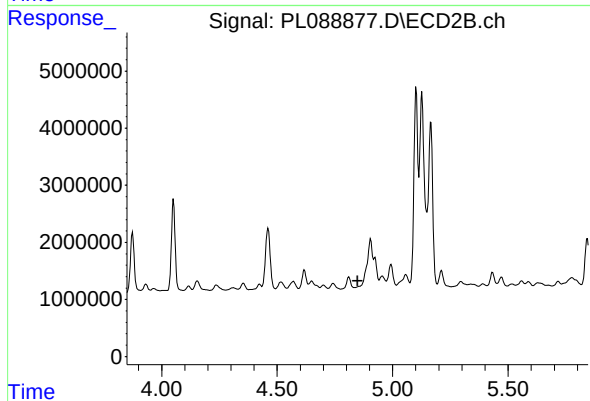
#7 delta-BHC

R.T.: 4.237 min  
Delta R.T.: -0.003 min  
Response: 1407333  
Conc: 0.74 ng/ml



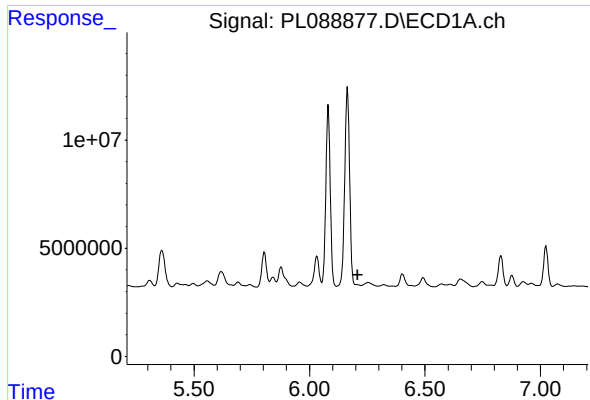
#8 Heptachlor epoxide

R.T.: 5.805 min  
Delta R.T.: -0.013 min  
Response: 22925252  
Conc: 6.67 ng/ml



#8 Heptachlor epoxide

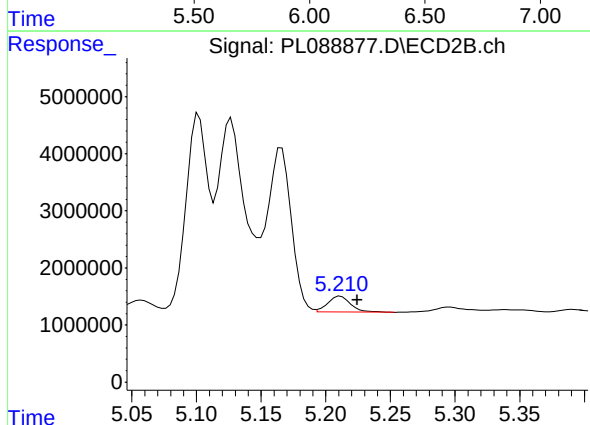
R.T.: 0.000 min  
Exp R.T.: 4.849 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

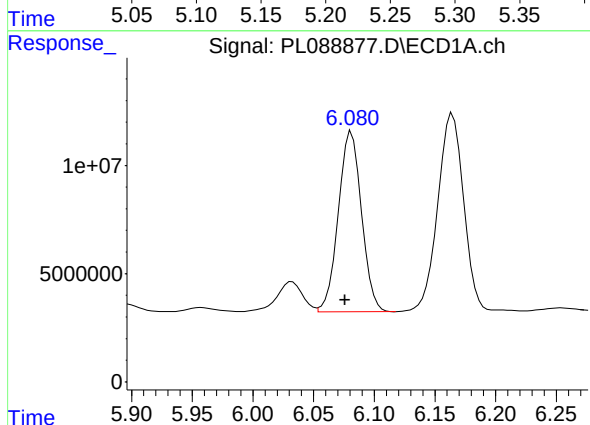
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



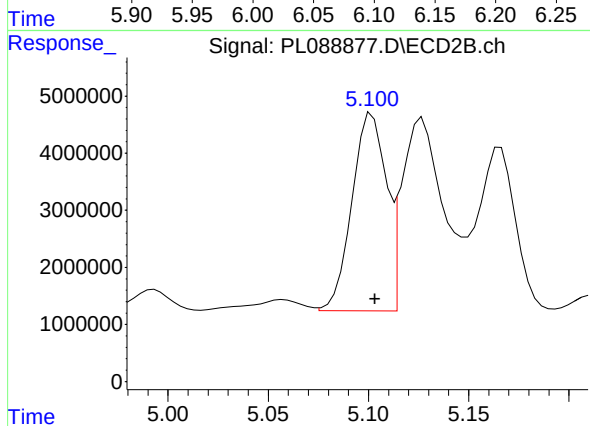
#9 Endosulfan I

R.T.: 5.211 min  
Delta R.T.: -0.013 min  
Response: 3453557  
Conc: 2.30 ng/ml



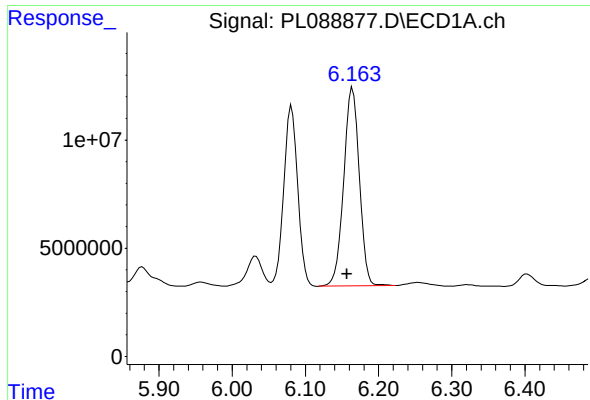
#10 gamma-Chlordane

R.T.: 6.081 min  
Delta R.T.: 0.005 min  
Response: 110900266  
Conc: 33.30 ng/ml



#10 gamma-Chlordane

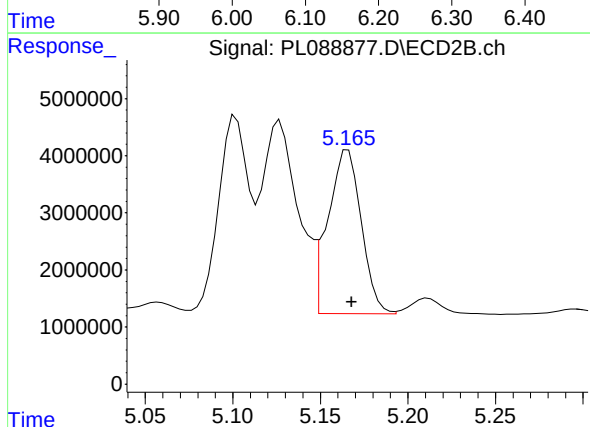
R.T.: 5.102 min  
Delta R.T.: -0.002 min  
Response: 40859323  
Conc: 24.67 ng/ml



#11 alpha-Chlordane

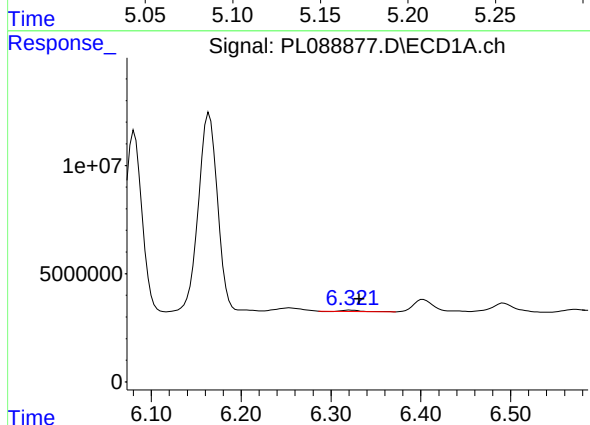
R.T.: 6.164 min  
Delta R.T.: 0.008 min  
Response: 135989864  
Conc: 40.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



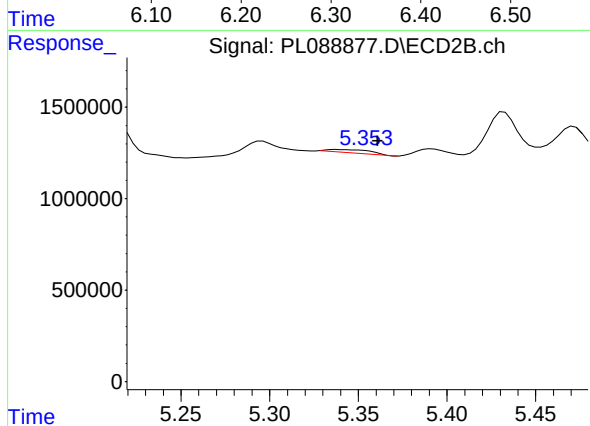
#11 alpha-Chlordane

R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 38000184  
Conc: 22.89 ng/ml



#12 4,4'-DDE

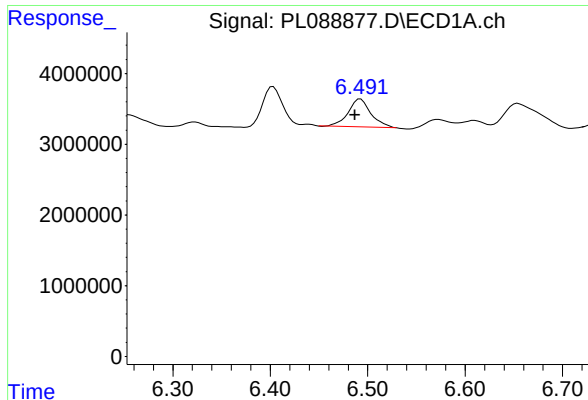
R.T.: 6.322 min  
Delta R.T.: -0.009 min  
Response: 529960  
Conc: 0.18 ng/ml



#12 4,4'-DDE

R.T.: 5.339 min  
Delta R.T.: -0.022 min  
Response: 300165  
Conc: 0.21 ng/ml

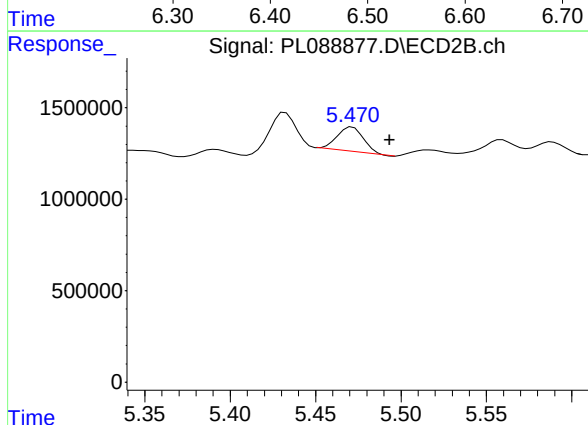




#13 Dieldrin

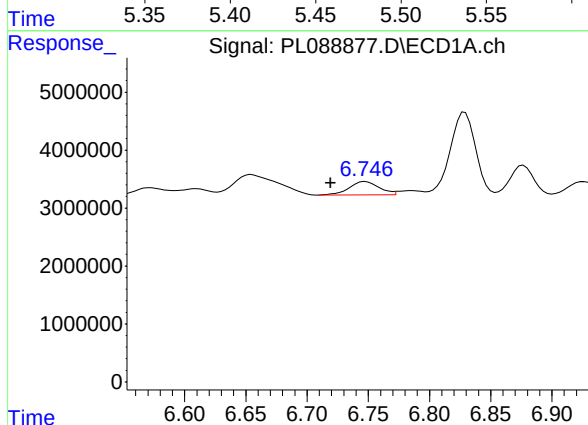
R.T.: 6.493 min  
Delta R.T.: 0.006 min  
Response: 6332938  
Conc: 1.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



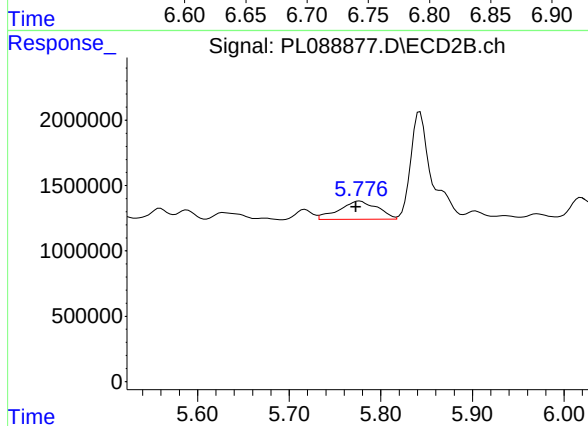
#13 Dieldrin

R.T.: 5.472 min  
Delta R.T.: -0.022 min  
Response: 1430366  
Conc: 0.88 ng/ml



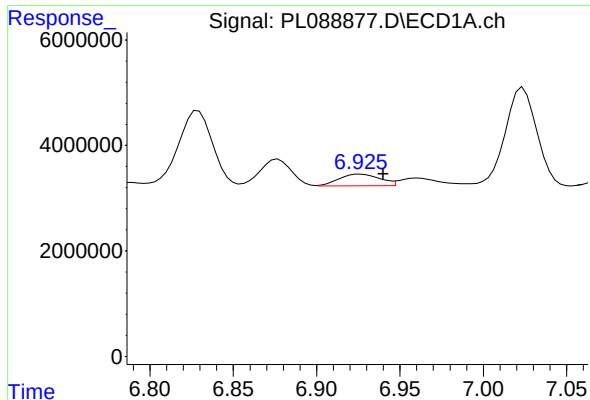
#14 Endrin

R.T.: 6.748 min  
Delta R.T.: 0.028 min  
Response: 3953738  
Conc: 1.45 ng/ml



#14 Endrin

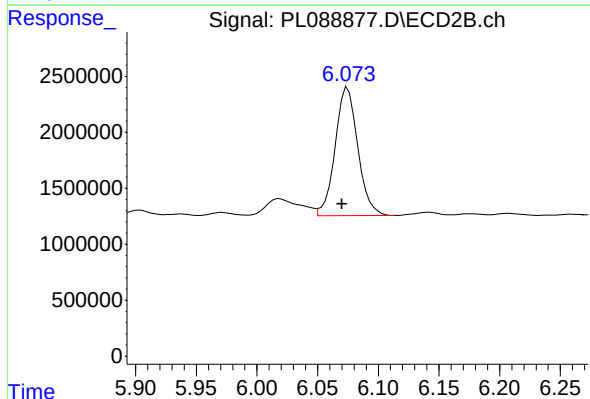
R.T.: 5.777 min  
Delta R.T.: 0.004 min  
Response: 4086632  
Conc: 2.84 ng/ml



#15 Endosulfan II

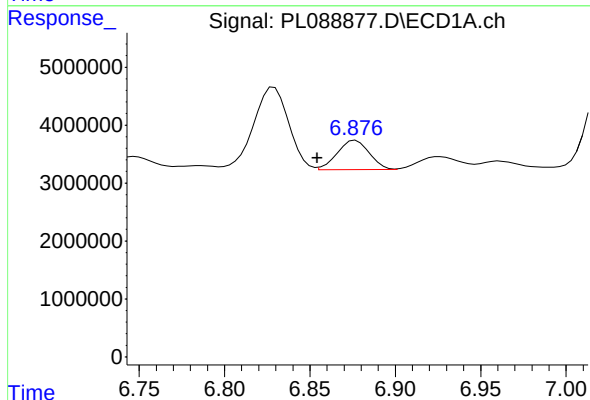
R.T.: 6.926 min  
Delta R.T.: -0.014 min  
Response: 3775552  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



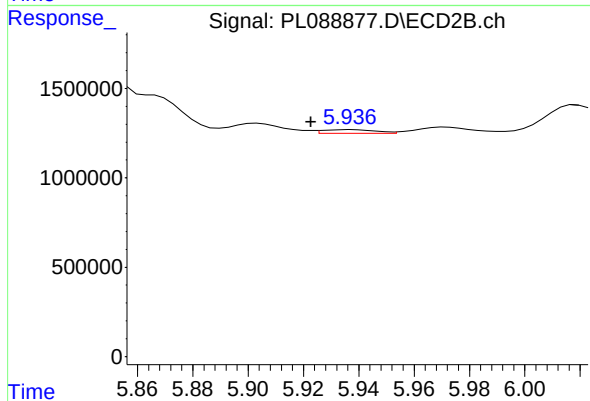
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: 0.004 min  
Response: 14916230  
Conc: 10.37 ng/ml



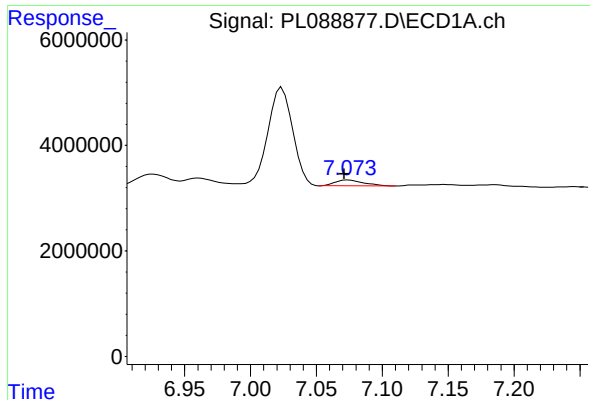
#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.023 min  
Response: 6589778  
Conc: 2.59 ng/ml



#16 4,4'-DDD

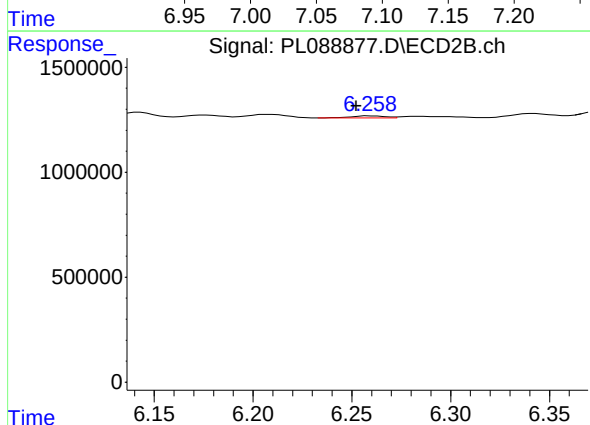
R.T.: 5.937 min  
Delta R.T.: 0.014 min  
Response: 274871  
Conc: 0.22 ng/ml



#18 Endrin aldehyde

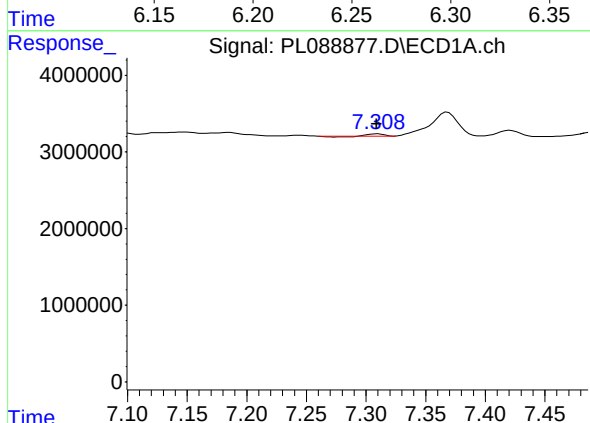
R.T.: 7.075 min  
Delta R.T.: 0.003 min  
Response: 1644886  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



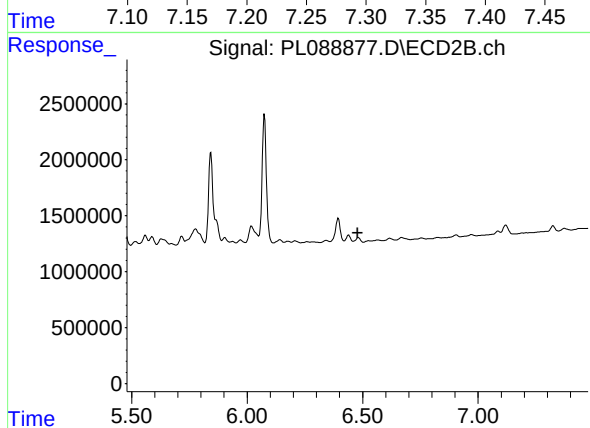
#18 Endrin aldehyde

R.T.: 6.259 min  
Delta R.T.: 0.007 min  
Response: 111606  
Conc: 0.11 ng/ml



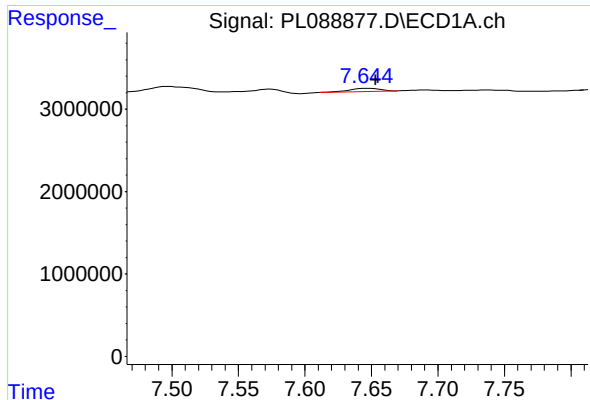
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 145519  
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

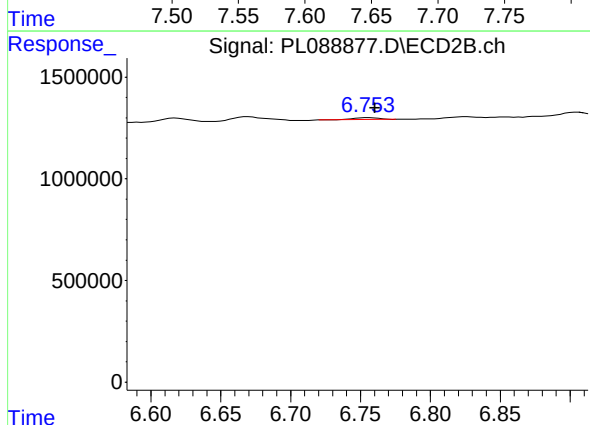
R.T.: 6.482 min  
Delta R.T.: 0.004 min  
Response: -111345  
Conc: N.D.



#20 Methoxychlor

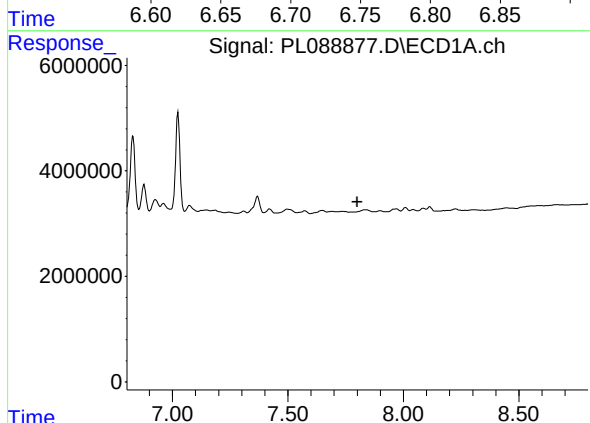
R.T.: 7.646 min  
Delta R.T.: -0.007 min  
Response: 655105  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



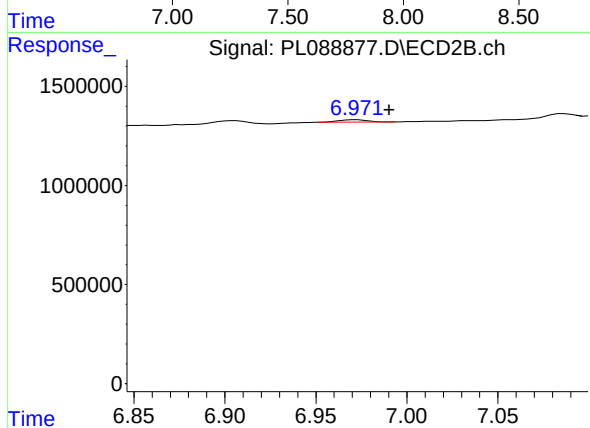
#20 Methoxychlor

R.T.: 6.755 min  
Delta R.T.: -0.006 min  
Response: 120665  
Conc: 0.15 ng/ml



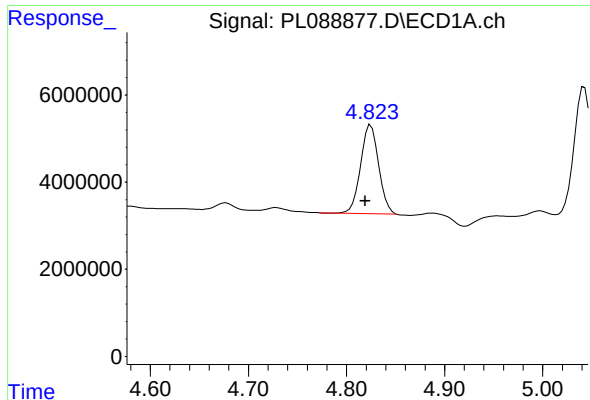
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.800 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

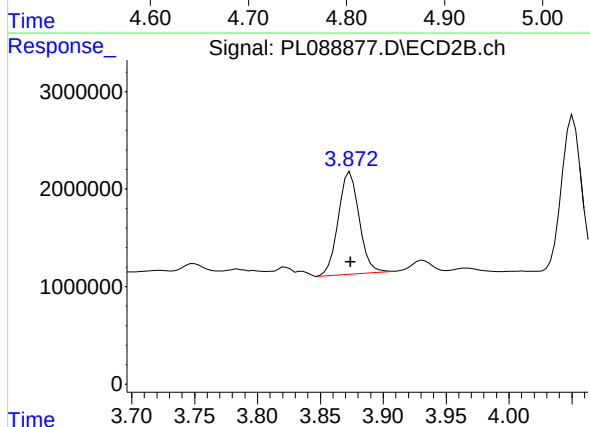
R.T.: 6.972 min  
Delta R.T.: -0.018 min  
Response: 134040  
Conc: 0.08 ng/ml



#23 Chlordane-1

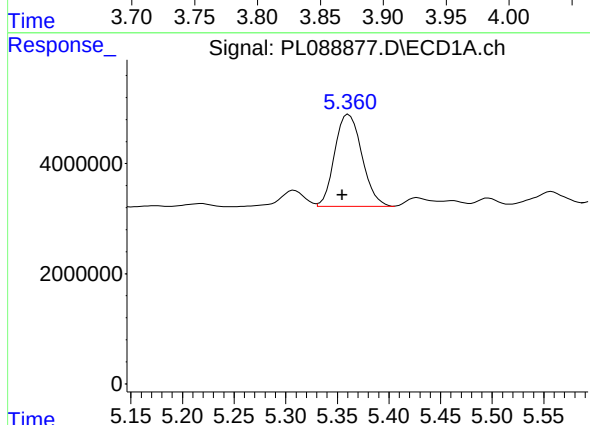
R.T.: 4.825 min  
Delta R.T.: 0.006 min  
Response: 25982184  
Conc: 223.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



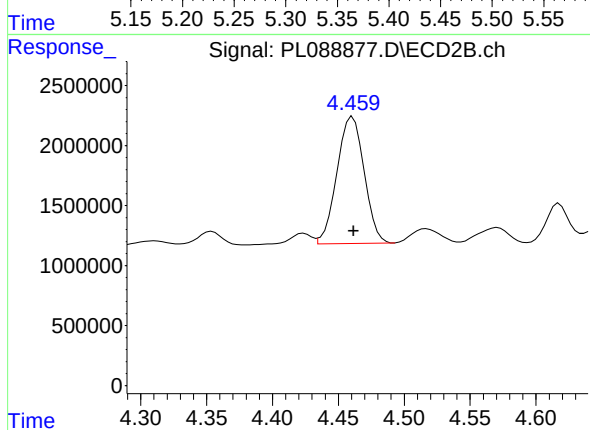
#23 Chlordane-1

R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 12071451  
Conc: 248.61 ng/ml



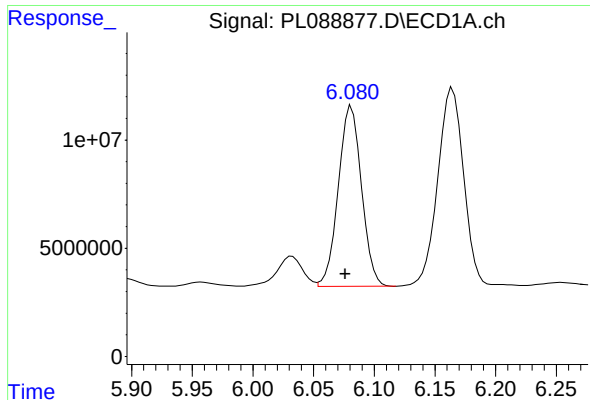
#24 Chlordane-2

R.T.: 5.361 min  
Delta R.T.: 0.006 min  
Response: 30755532  
Conc: 233.94 ng/ml



#24 Chlordane-2

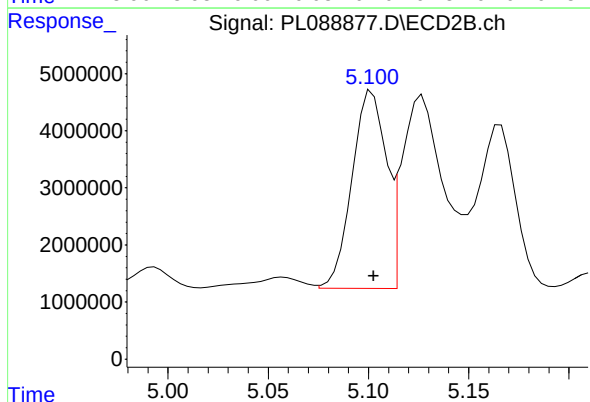
R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 15186303  
Conc: 250.12 ng/ml



#25 Chlordane-3

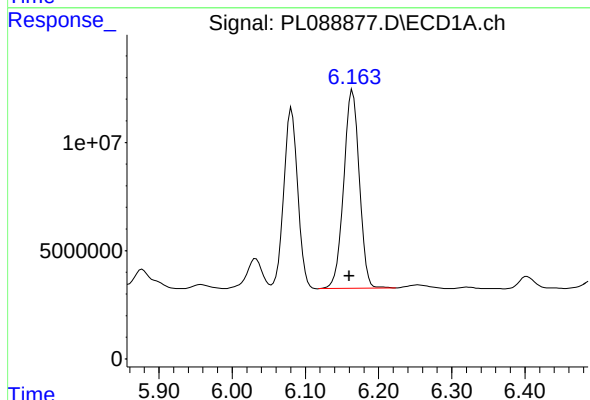
R.T.: 6.081 min  
Delta R.T.: 0.005 min  
Response: 110900266  
Conc: 223.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



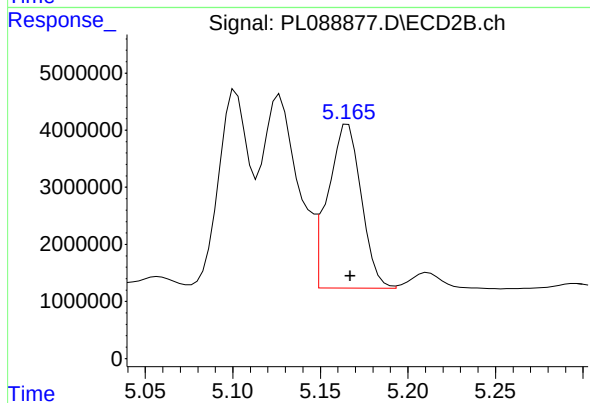
#25 Chlordane-3

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 40859323  
Conc: 239.40 ng/ml



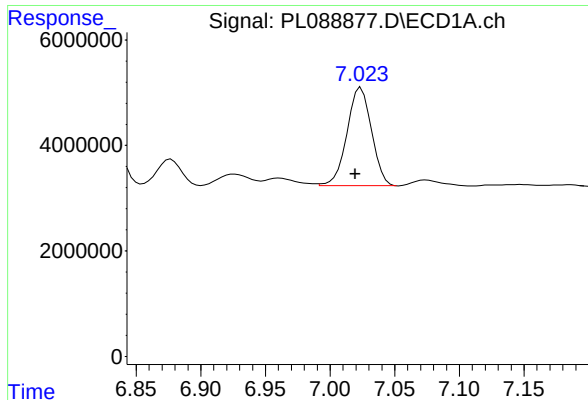
#26 Chlordane-4

R.T.: 6.164 min  
Delta R.T.: 0.005 min  
Response: 135989864  
Conc: 226.70 ng/ml



#26 Chlordane-4

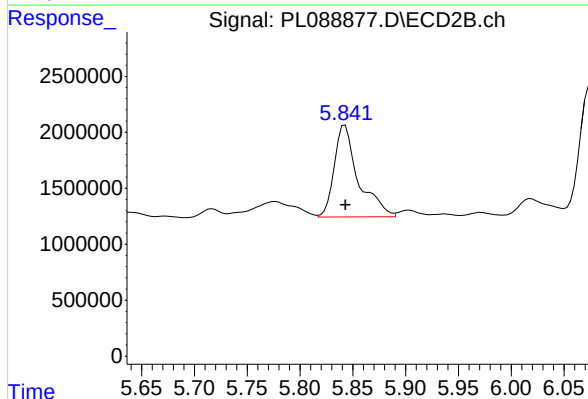
R.T.: 5.166 min  
Delta R.T.: -0.001 min  
Response: 38000184  
Conc: 238.19 ng/ml



#27 Chlordane-5

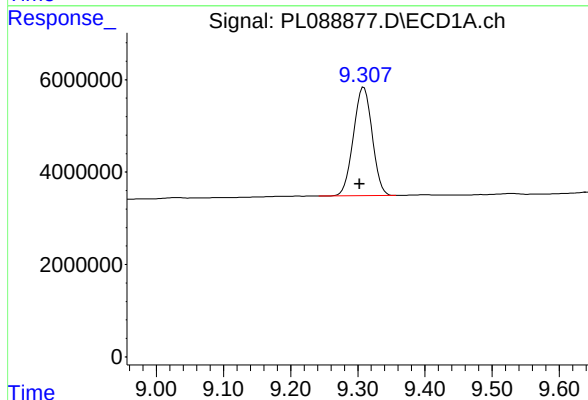
R.T.: 7.024 min  
Delta R.T.: 0.004 min  
Response: 24472206  
Conc: 231.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



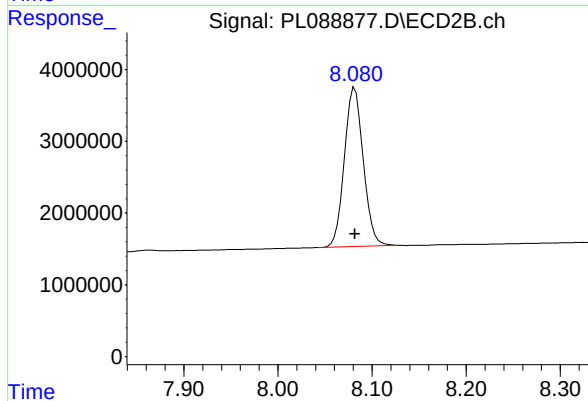
#27 Chlordane-5

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 12980136  
Conc: 255.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.309 min  
Delta R.T.: 0.006 min  
Response: 46007297  
Conc: 18.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: 0.000 min  
Response: 30912872  
Conc: 22.80 ng/ml