

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050523\  
 Data File : PL082550.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2023 14:39  
 Operator : AR\AJ  
 Sample : 02622-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 05 21:18:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.325  | 2.642  | 18083783 | 18399798 | 6.770  | 7.942    |
| 28)                         | SA Decachlor... | 8.741  | 7.751  | 30342648 | 33069657 | 15.894 | 14.488   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.481  | 0        | 96698    | N.D.   | 0.030 #  |
| 4)                          | MA Heptachlor   | 4.707f | 3.804  | 124504   | 355730   | 0.034  | 0.104 #  |
| 5)                          | MB Aldrin       | 4.991f | 4.096  | 952081   | 812290   | 0.289  | 0.258    |
| 6)                          | B beta-BHC      | 0.000  | 3.768  | 0        | 53104    | N.D.   | 0.039 #  |
| 7)                          | B delta-BHC     | 4.544  | 3.996  | 748057   | 235796   | 0.208  | 0.077 #  |
| 8)                          | B Heptachlo...  | 5.441  | 4.574  | 3255577  | 77399    | 1.067  | 0.027 #  |
| 10)                         | B gamma-Chl...  | 5.699  | 4.849f | 7711615  | 15463587 | 2.565  | 5.329 #  |
| 11)                         | B alpha-Chl...  | 5.780  | 4.886  | 17779744 | 8082933  | 5.957  | 2.784 #  |
| 12)                         | B 4,4'-DDE      | 5.953  | 5.079  | 12335447 | 7027702  | 4.853  | 3.057 #  |
| 13)                         | MA Dieldrin     | 6.102  | 5.212  | 651896   | 5906046  | 0.236  | 2.187 #  |
| 14)                         | MA Endrin       | 6.330  | 5.491  | 3988606  | -1281222 | 1.645  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.545  | 5.766f | 251331   | 2073734  | 0.103  | 0.920 #  |
| 16)                         | A 4,4'-DDD      | 6.476  | 5.633  | 7403079  | 189565   | 3.652  | 0.101 #  |
| 17)                         | MA 4,4'-DDT     | 6.780  | 5.878  | 8992208  | 16715741 | 3.931  | 7.912 #  |
| 18)                         | B Endrin al...  | 6.693f | 5.974  | 939667   | 1104259  | 0.499  | 0.590    |
| 19)                         | B Endosulfa...  | 6.891f | 6.174f | 866302   | 1466318  | 0.365  | 0.623 #  |
| 21)                         | B Endrin ke...  | 7.369f | 6.711f | 2486245  | 1140102  | 1.038  | 0.449 #  |
| 22)                         | Mirex           | 0.000  | 6.848f | 0        | 74369    | N.D.   | 0.032 #  |
| 23)                         | Chlordane-1     | 4.465  | 3.625  | 1248929  | 566543   | 11.298 | 6.388 #  |
| 24)                         | Chlordane-2     | 4.991  | 4.202  | 952081   | 1108846  | 7.997  | 9.888    |
| 25)                         | Chlordane-3     | 5.699  | 4.849f | 7711615  | 15463587 | 17.863 | 54.428 # |
| 26)                         | Chlordane-4     | 5.780  | 4.886  | 17779744 | 8082933  | 34.197 | 27.087   |
| 27)                         | Chlordane-5     | 6.597f | 5.766f | 1748391  | 2073734  | 18.620 | 21.008   |
| -----                       |                 |        |        |          |          |        |          |

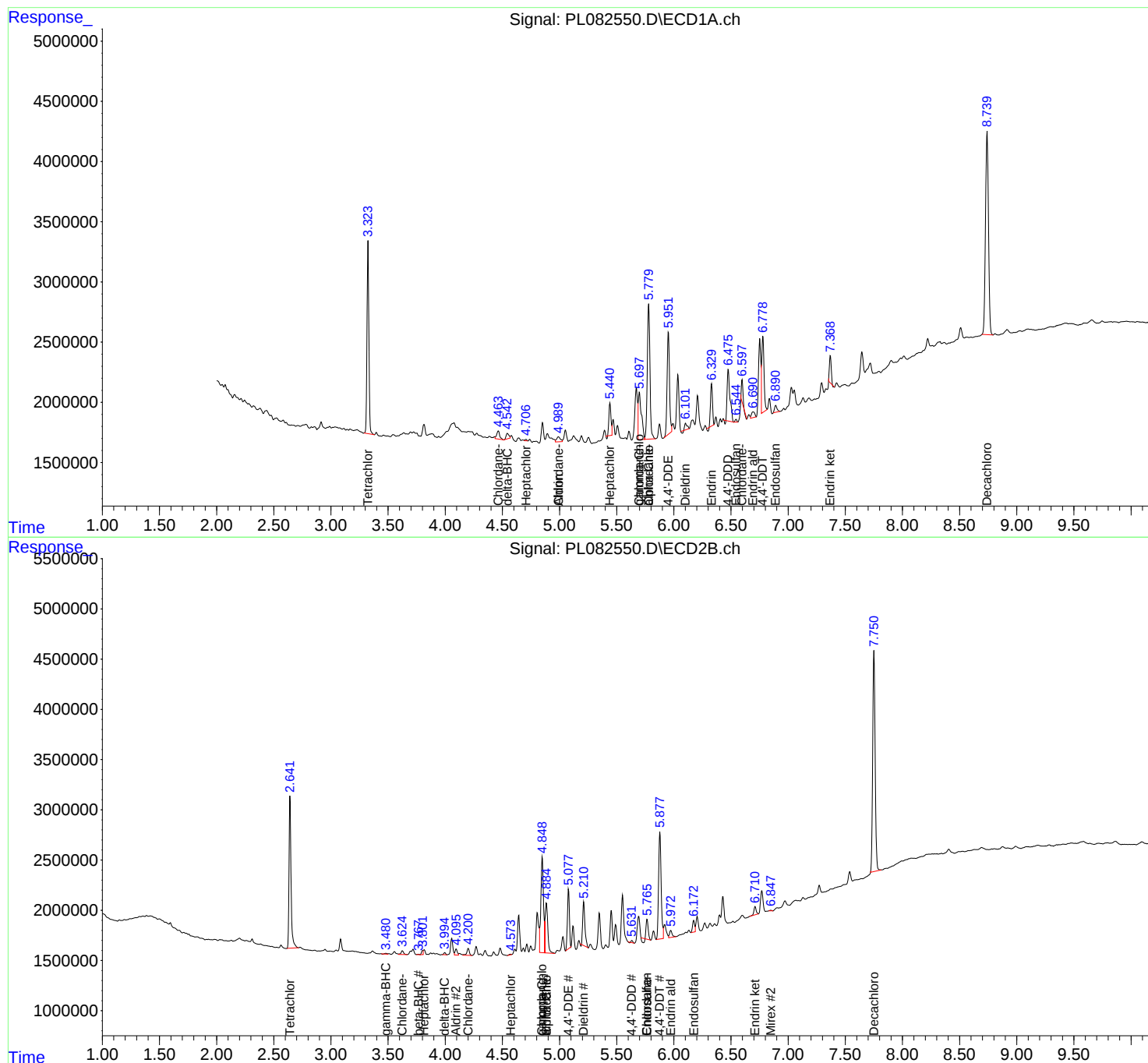
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

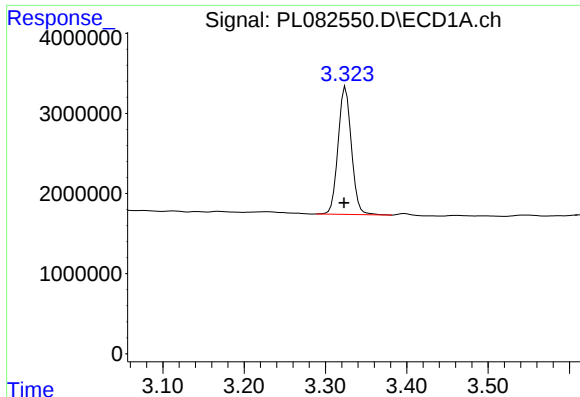
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050523\  
Data File : PL082550.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2023 14:39  
Operator : AR\AJ  
Sample : 02622-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 21:18:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

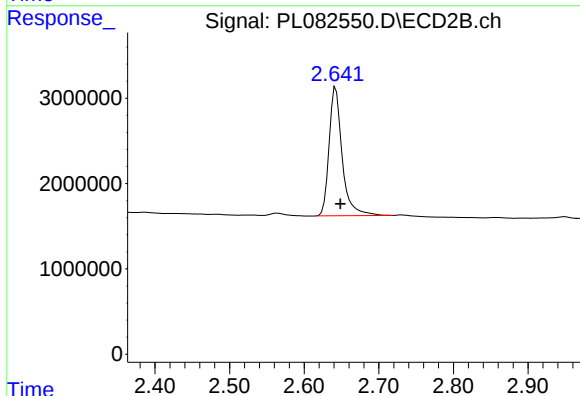




#1 Tetrachloro-m-xylene

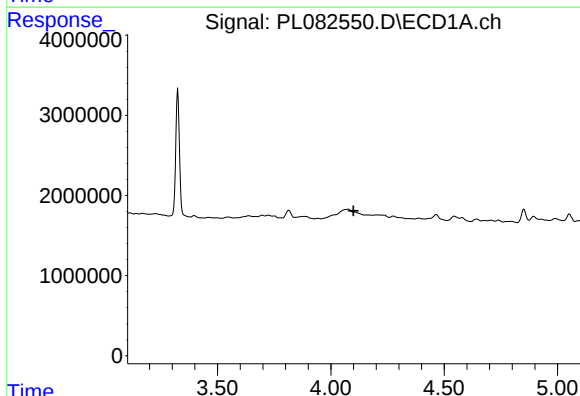
R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 18083783  
Conc: 6.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



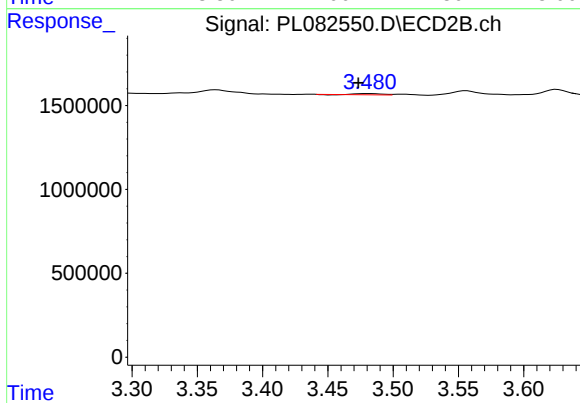
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.006 min  
Response: 18399798  
Conc: 7.94 ng/ml



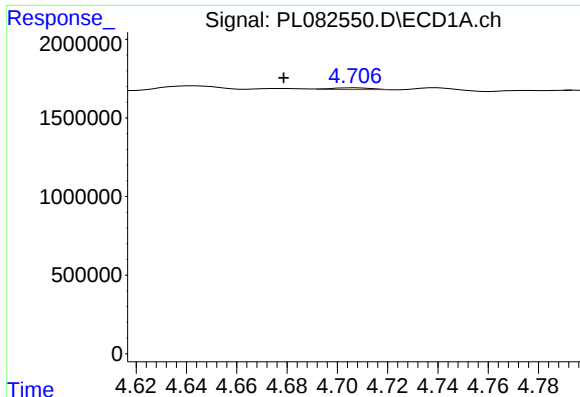
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.100 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

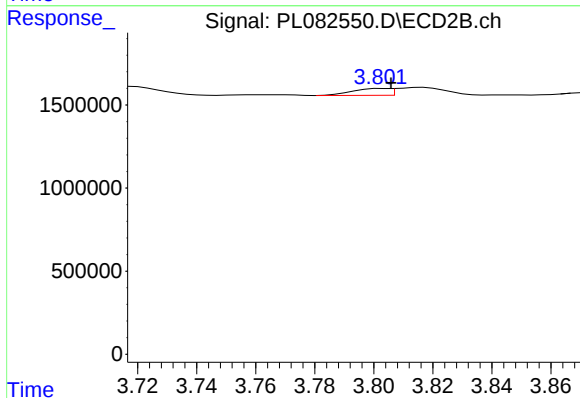
R.T.: 3.481 min  
Delta R.T.: 0.007 min  
Response: 96698  
Conc: 0.03 ng/ml



#4 Heptachlor

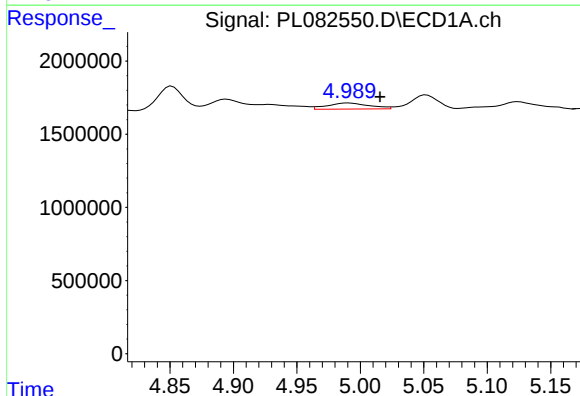
R.T.: 4.707 min  
Delta R.T.: 0.029 min  
Response: 124504  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



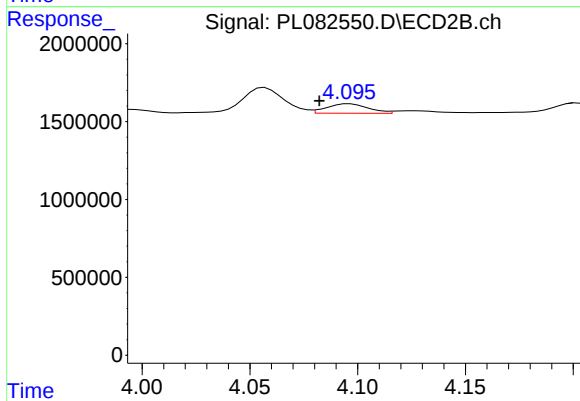
#4 Heptachlor

R.T.: 3.804 min  
Delta R.T.: -0.002 min  
Response: 355730  
Conc: 0.10 ng/ml



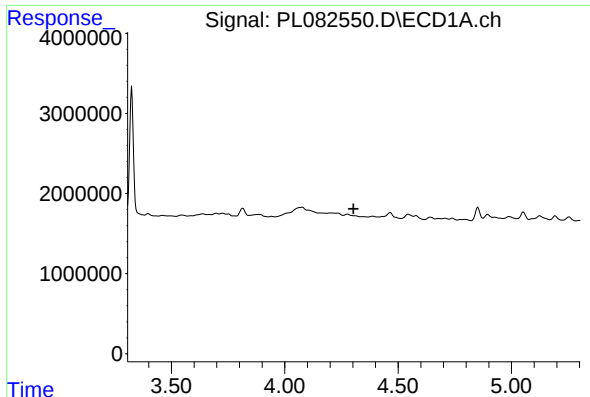
#5 Aldrin

R.T.: 4.991 min  
Delta R.T.: -0.025 min  
Response: 952081  
Conc: 0.29 ng/ml



#5 Aldrin

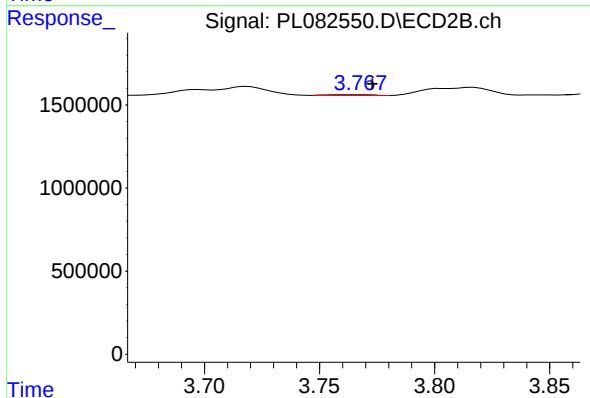
R.T.: 4.096 min  
Delta R.T.: 0.014 min  
Response: 812290  
Conc: 0.26 ng/ml



#6 beta-BHC

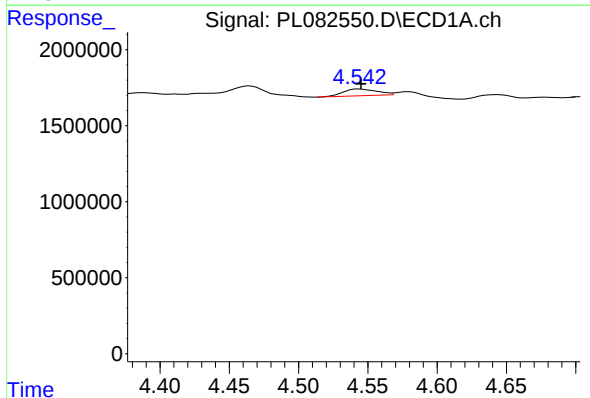
R.T.: 0.000 min  
Exp R.T.: 4.304 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



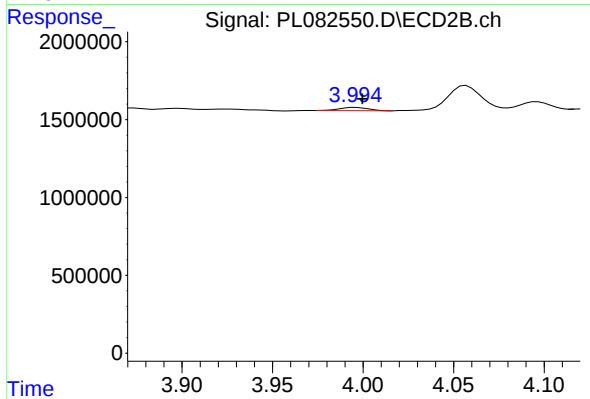
#6 beta-BHC

R.T.: 3.768 min  
Delta R.T.: -0.005 min  
Response: 53104  
Conc: 0.04 ng/ml



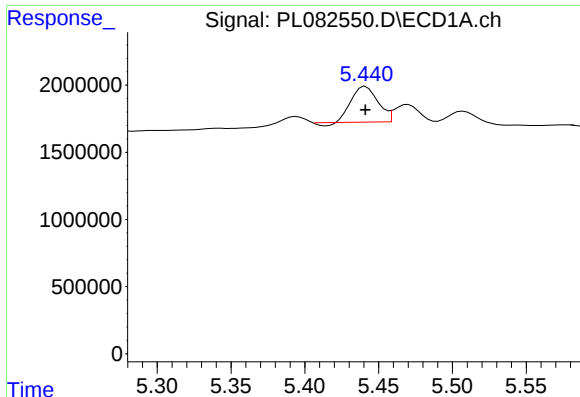
#7 delta-BHC

R.T.: 4.544 min  
Delta R.T.: -0.001 min  
Response: 748057  
Conc: 0.21 ng/ml



#7 delta-BHC

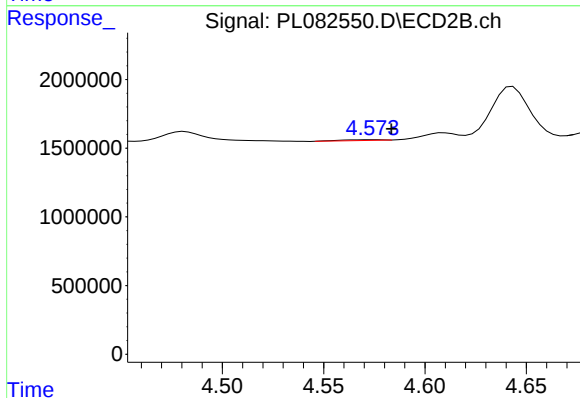
R.T.: 3.996 min  
Delta R.T.: -0.004 min  
Response: 235796  
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

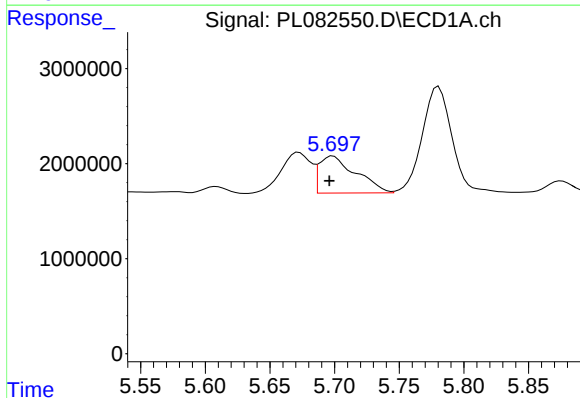
R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 3255577  
Conc: 1.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



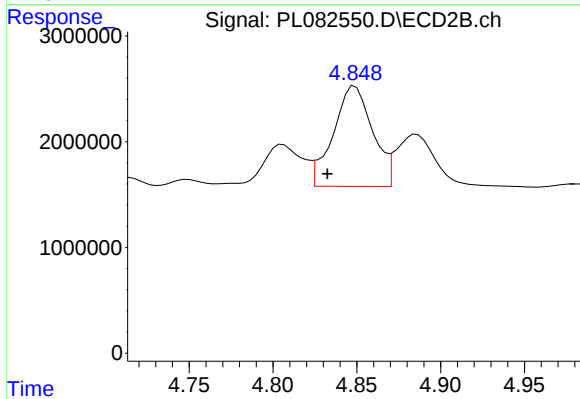
#8 Heptachlor epoxide

R.T.: 4.574 min  
Delta R.T.: -0.009 min  
Response: 77399  
Conc: 0.03 ng/ml



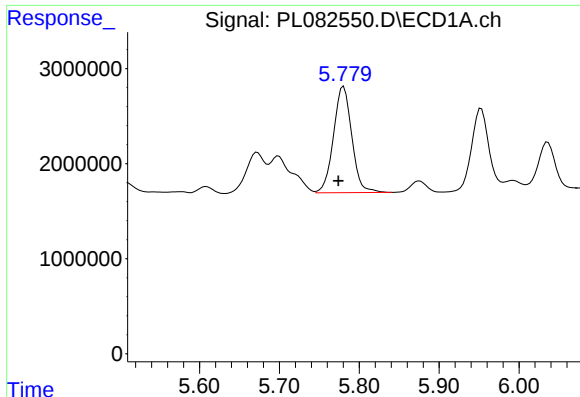
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: 0.003 min  
Response: 7711615  
Conc: 2.56 ng/ml



#10 gamma-Chlordane

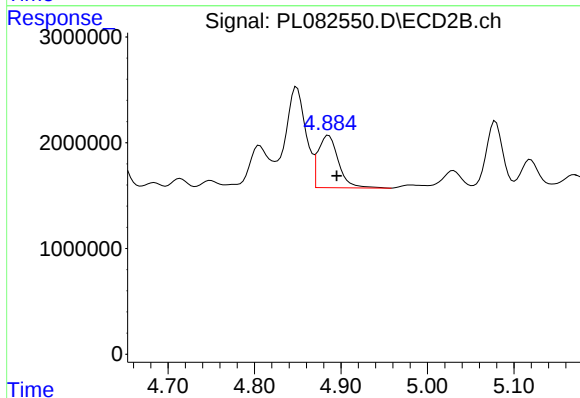
R.T.: 4.849 min  
Delta R.T.: 0.017 min  
Response: 15463587  
Conc: 5.33 ng/ml



#11 alpha-Chlordane

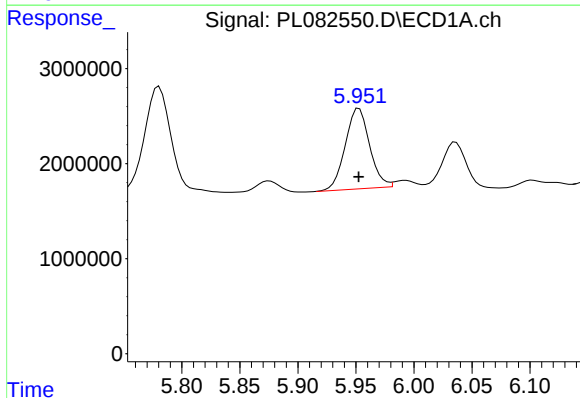
R.T.: 5.780 min  
Delta R.T.: 0.006 min  
Response: 17779744  
Conc: 5.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



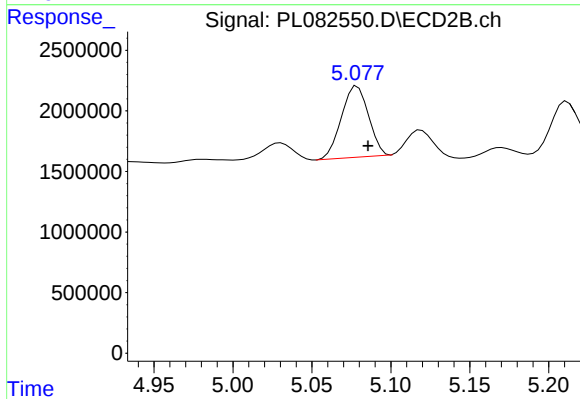
#11 alpha-Chlordane

R.T.: 4.886 min  
Delta R.T.: -0.009 min  
Response: 8082933  
Conc: 2.78 ng/ml



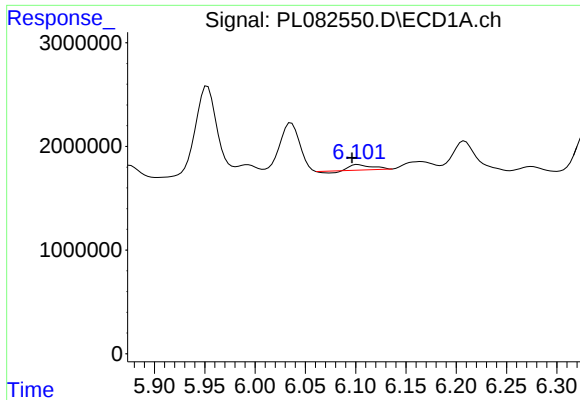
#12 4,4'-DDE

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 12335447  
Conc: 4.85 ng/ml



#12 4,4'-DDE

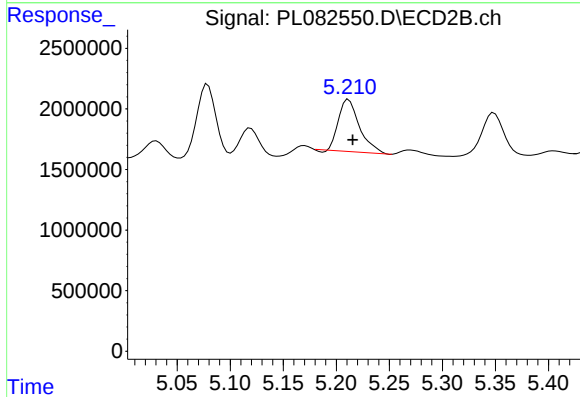
R.T.: 5.079 min  
Delta R.T.: -0.007 min  
Response: 7027702  
Conc: 3.06 ng/ml



#13 Dieldrin

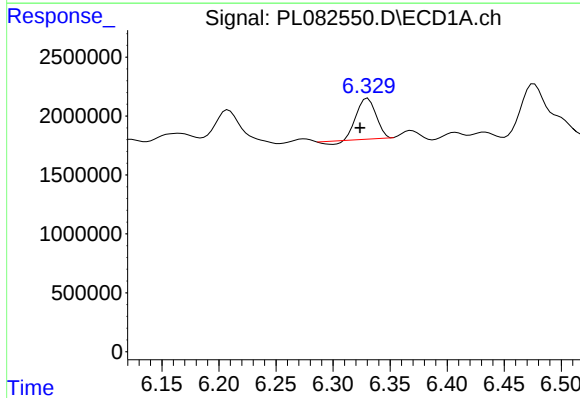
R.T.: 6.102 min  
Delta R.T.: 0.006 min  
Response: 651896  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



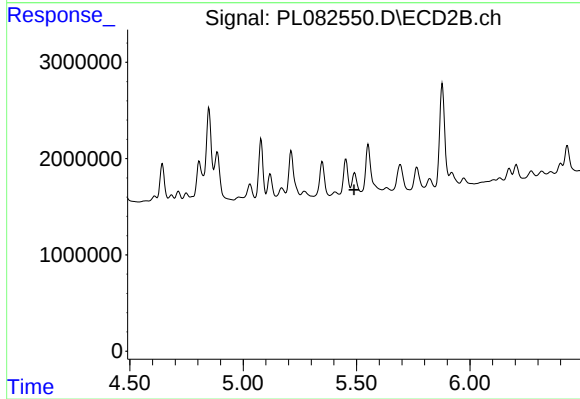
#13 Dieldrin

R.T.: 5.212 min  
Delta R.T.: -0.004 min  
Response: 5906046  
Conc: 2.19 ng/ml



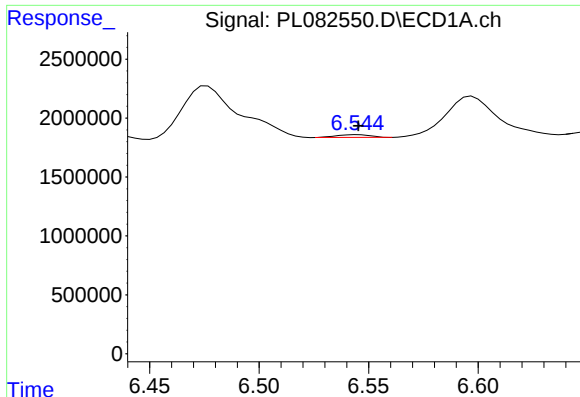
#14 Endrin

R.T.: 6.330 min  
Delta R.T.: 0.007 min  
Response: 3988606  
Conc: 1.65 ng/ml



#14 Endrin

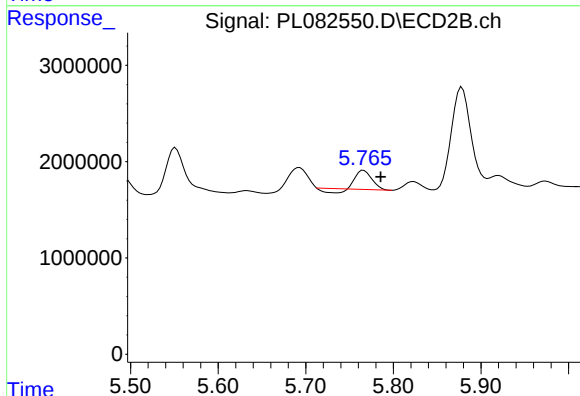
R.T.: 5.491 min  
Delta R.T.: 0.002 min  
Response: -1281222  
Conc: N.D.



#15 Endosulfan II

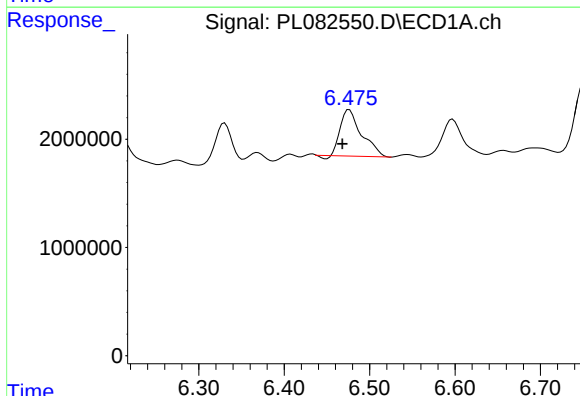
R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 251331  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



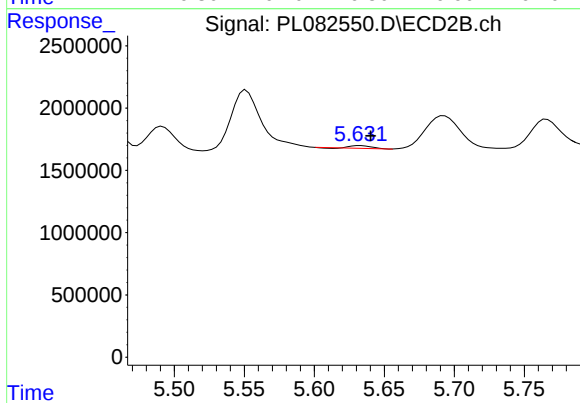
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: -0.020 min  
Response: 2073734  
Conc: 0.92 ng/ml



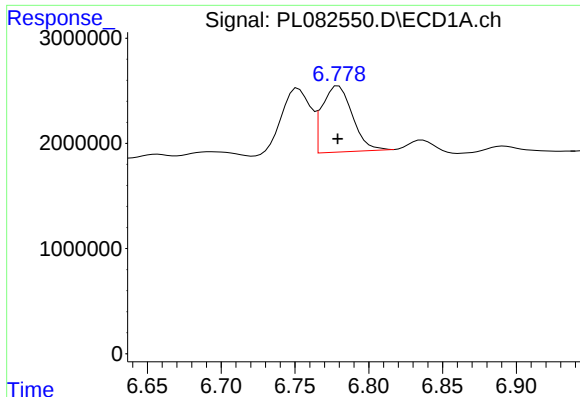
#16 4,4'-DDD

R.T.: 6.476 min  
Delta R.T.: 0.008 min  
Response: 7403079  
Conc: 3.65 ng/ml



#16 4,4'-DDD

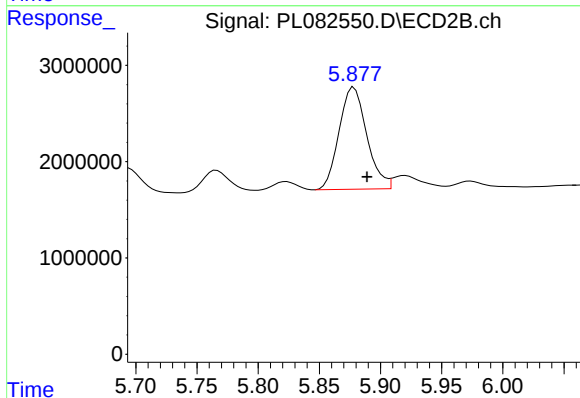
R.T.: 5.633 min  
Delta R.T.: -0.008 min  
Response: 189565  
Conc: 0.10 ng/ml



#17 4,4'-DDT

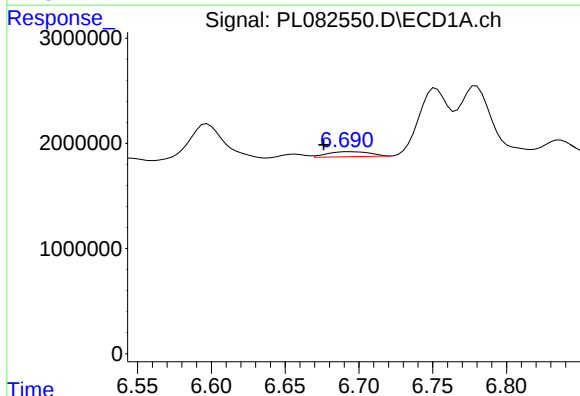
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 8992208  
Conc: 3.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



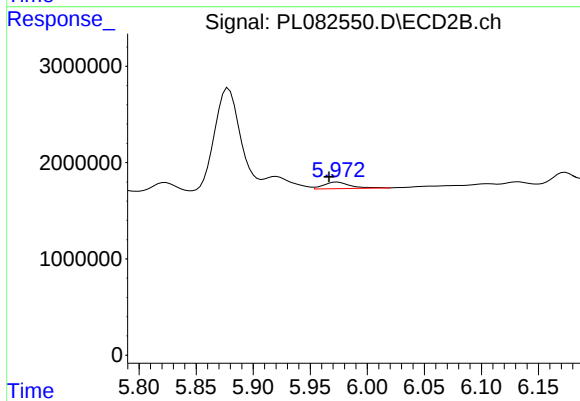
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 16715741  
Conc: 7.91 ng/ml



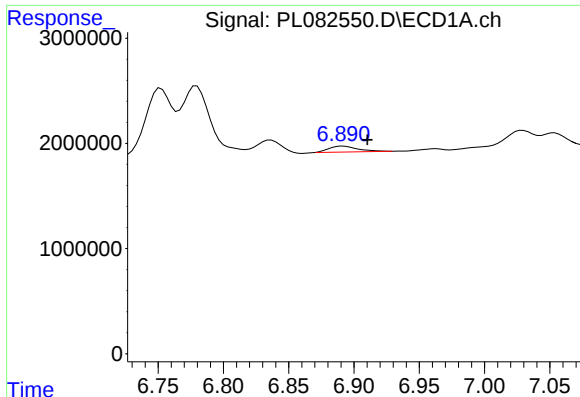
#18 Endrin aldehyde

R.T.: 6.693 min  
Delta R.T.: 0.017 min  
Response: 939667  
Conc: 0.50 ng/ml



#18 Endrin aldehyde

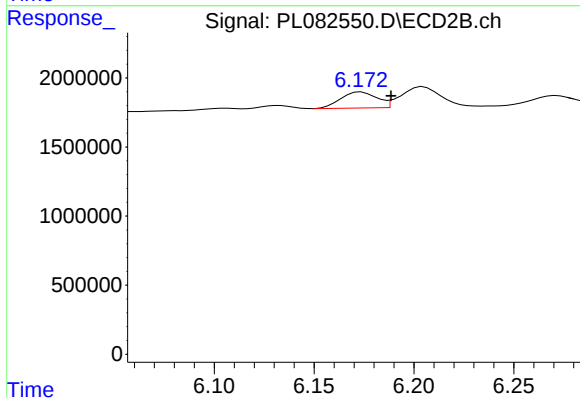
R.T.: 5.974 min  
Delta R.T.: 0.007 min  
Response: 1104259  
Conc: 0.59 ng/ml



#19 Endosulfan Sulfate

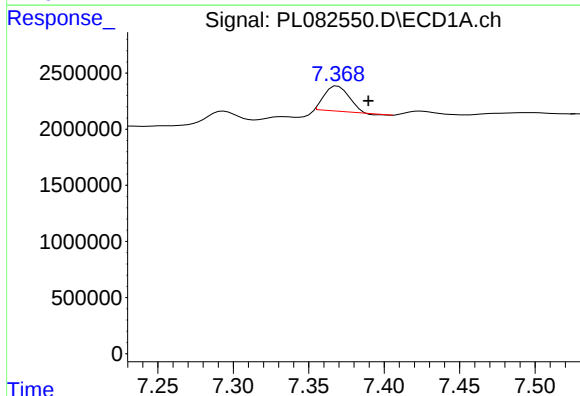
R.T.: 6.891 min  
Delta R.T.: -0.019 min  
Response: 866302  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



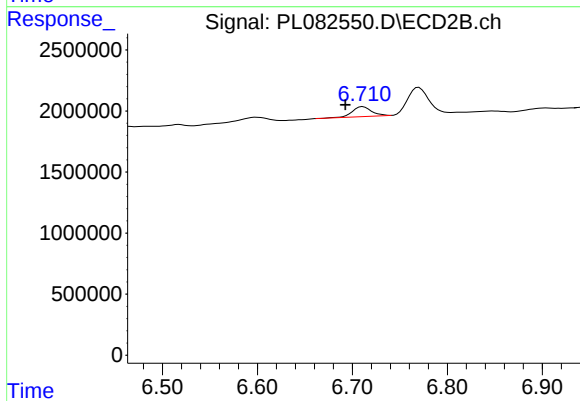
#19 Endosulfan Sulfate

R.T.: 6.174 min  
Delta R.T.: -0.015 min  
Response: 1466318  
Conc: 0.62 ng/ml



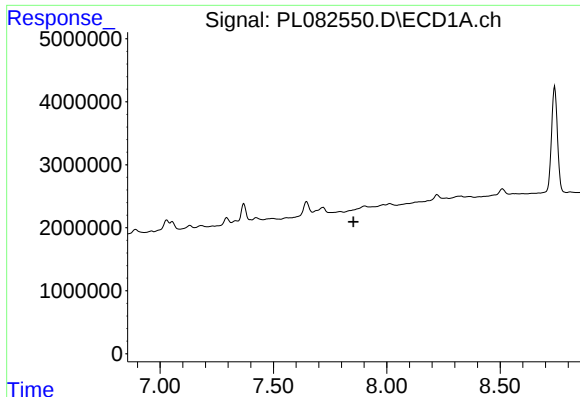
#21 Endrin ketone

R.T.: 7.369 min  
Delta R.T.: -0.020 min  
Response: 2486245  
Conc: 1.04 ng/ml



#21 Endrin ketone

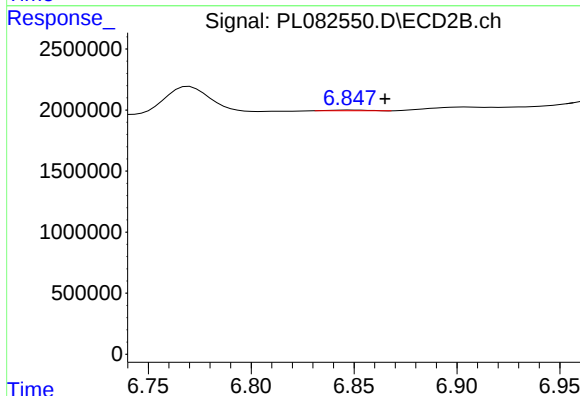
R.T.: 6.711 min  
Delta R.T.: 0.018 min  
Response: 1140102  
Conc: 0.45 ng/ml



#22 Mirex

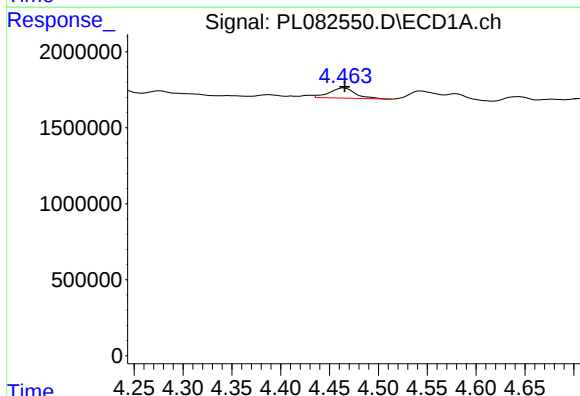
R.T.: 0.000 min  
Exp R.T.: 7.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



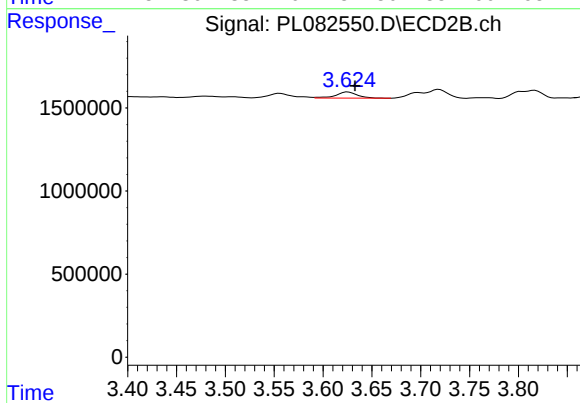
#22 Mirex

R.T.: 6.848 min  
Delta R.T.: -0.017 min  
Response: 74369  
Conc: 0.03 ng/ml



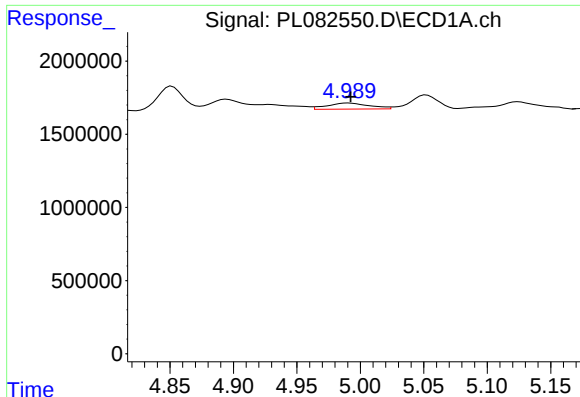
#23 Chlordane-1

R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 1248929  
Conc: 11.30 ng/ml



#23 Chlordane-1

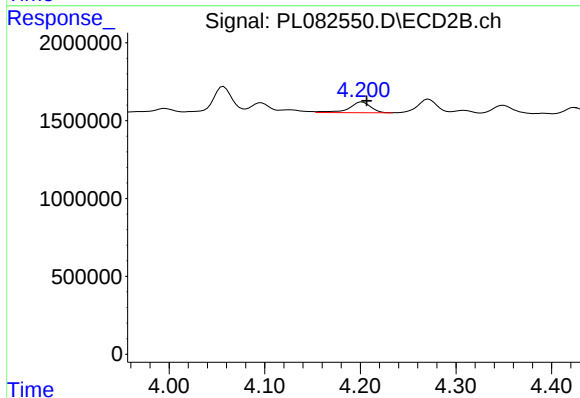
R.T.: 3.625 min  
Delta R.T.: -0.007 min  
Response: 566543  
Conc: 6.39 ng/ml



#24 Chlordane-2

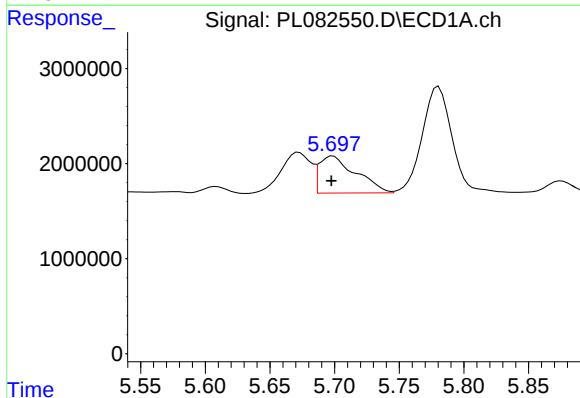
R.T.: 4.991 min  
Delta R.T.: -0.002 min  
Response: 952081  
Conc: 8.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



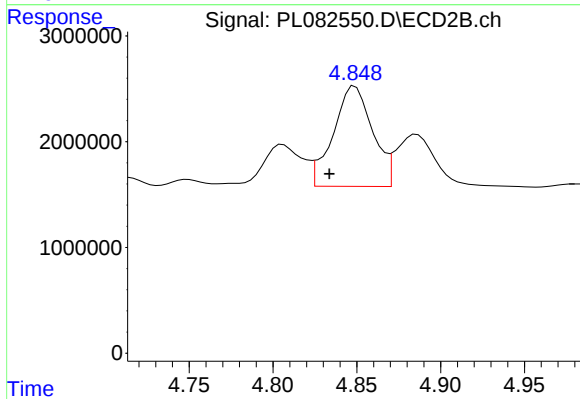
#24 Chlordane-2

R.T.: 4.202 min  
Delta R.T.: -0.005 min  
Response: 1108846  
Conc: 9.89 ng/ml



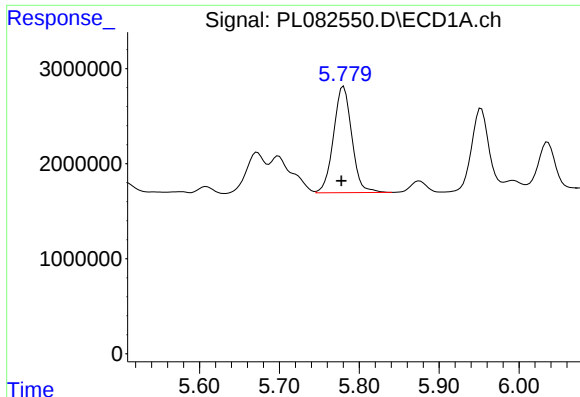
#25 Chlordane-3

R.T.: 5.699 min  
Delta R.T.: 0.001 min  
Response: 7711615  
Conc: 17.86 ng/ml



#25 Chlordane-3

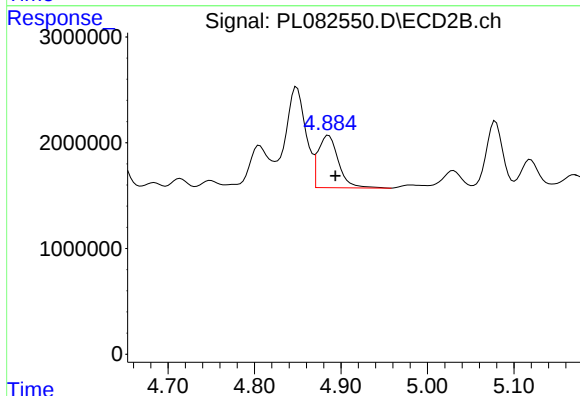
R.T.: 4.849 min  
Delta R.T.: 0.015 min  
Response: 15463587  
Conc: 54.43 ng/ml



#26 Chlordane-4

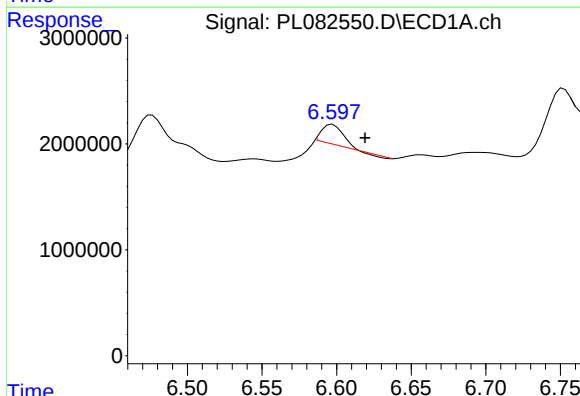
R.T.: 5.780 min  
Delta R.T.: 0.003 min  
Response: 17779744  
Conc: 34.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



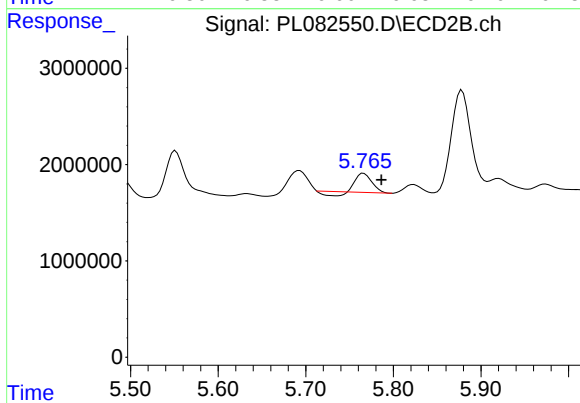
#26 Chlordane-4

R.T.: 4.886 min  
Delta R.T.: -0.008 min  
Response: 8082933  
Conc: 27.09 ng/ml



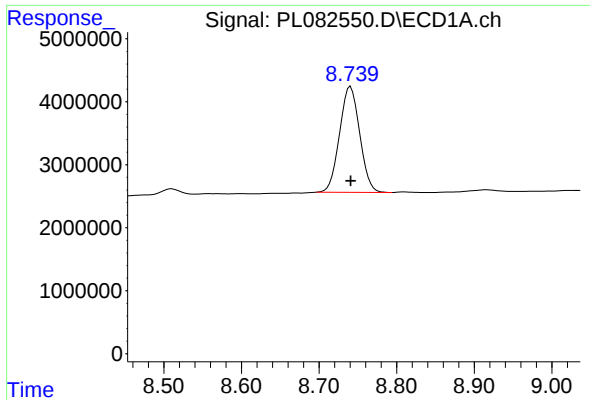
#27 Chlordane-5

R.T.: 6.597 min  
Delta R.T.: -0.022 min  
Response: 1748391  
Conc: 18.62 ng/ml



#27 Chlordane-5

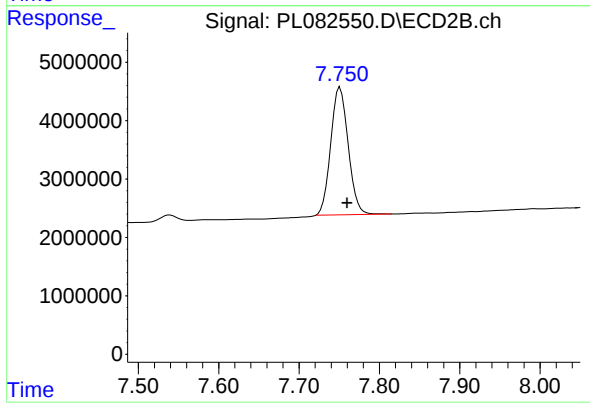
R.T.: 5.766 min  
Delta R.T.: -0.020 min  
Response: 2073734  
Conc: 21.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min  
Delta R.T.: 0.000 min  
Response: 30342648  
Conc: 15.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.751 min  
Delta R.T.: -0.009 min  
Response: 33069657  
Conc: 14.49 ng/ml