

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022124\  
 Data File : PL088194CC-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2024 22:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 00:27:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.635  | 2.854  | 141.5E6  | 71273201 | 51.515   | 50.818    |
| 28)                         | SA Decachlor... | 9.300  | 8.083  | 106.9E6  | 62682204 | 55.527   | 49.229    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.099  | 3.369  | 216.9E6  | 108.5E6  | 51.958   | 52.783    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.705  | 207.6E6  | 104.2E6  | 51.266   | 52.033    |
| 4)                          | MA Heptachlor   | 5.038  | 4.054  | 191.5E6  | 95022546 | 49.768   | 52.160    |
| 5)                          | MB Aldrin       | 5.385  | 4.340  | 195.3E6  | 103.3E6  | 51.157   | 53.257    |
| 6)                          | B beta-BHC      | 4.634  | 4.007  | 89799794 | 45408678 | 51.561   | 51.016    |
| 7)                          | B delta-BHC     | 4.886  | 4.242  | 210.7E6  | 108.8E6  | 55.369   | 54.535    |
| 8)                          | B Heptachlo...  | 5.816  | 4.850  | 186.4E6  | 89612399 | 53.216   | 51.657    |
| 9)                          | A Endosulfan I  | 6.207  | 5.226  | 155.9E6  | 80206315 | 49.826   | 49.846    |
| 10)                         | B gamma-Chl...  | 6.075  | 5.104  | 171.2E6  | 91537831 | 50.383   | 51.316    |
| 11)                         | B alpha-Chl...  | 6.156  | 5.169  | 170.7E6  | 90941451 | 50.026   | 51.049    |
| 12)                         | B 4,4'-DDE      | 6.330  | 5.362  | 152.8E6  | 82552700 | 50.372   | 51.939    |
| 13)                         | MA Dieldrin     | 6.486  | 5.495  | 166.7E6  | 89244217 | 50.689   | 51.725    |
| 14)                         | MA Endrin       | 6.718  | 5.774  | 134.8E6  | 73964372 | 51.837   | 49.470    |
| 15)                         | B Endosulfa...  | 6.939  | 6.072  | 146.3E6  | 75397830 | 51.069   | 49.493    |
| 16)                         | A 4,4'-DDD      | 6.853  | 5.924  | 134.1E6  | 70154341 | 51.705   | 51.349    |
| 17)                         | MA 4,4'-DDT     | 7.171  | 6.178  | 110.4E6  | 62415747 | 41.988   | 45.718    |
| 18)                         | B Endrin al...  | 7.070  | 6.253  | 105.2E6  | 58118251 | 50.864   | 53.214    |
| 19)                         | B Endosulfa...  | 7.307  | 6.479  | 133.6E6  | 72880874 | 51.290   | 51.893    |
| 20)                         | A Methoxychlor  | 7.651  | 6.762  | 59571346 | 35297390 | 45.003   | 45.036    |
| 21)                         | B Endrin ke...  | 7.798  | 6.992  | 144.7E6  | 85464206 | 51.668   | 51.048    |
| 22)                         | Mirex           | 8.280  | 7.178  | 110.6E6  | 67702733 | 47.710   | 51.677    |
| 23)                         | Chlordane-1     | 0.000  | 3.878  | 0        | 49985    | N.D.     | 0.971 #   |
| 24)                         | Chlordane-2     | 5.385f | 4.477  | 195.3E6  | 807363   | 1455.348 | 12.707 #  |
| 25)                         | Chlordane-3     | 6.075  | 5.104  | 171.2E6  | 91537831 | 338.999  | 491.618 # |
| 26)                         | Chlordane-4     | 6.156  | 5.169  | 170.7E6  | 90941451 | 278.077  | 525.906 # |
| 27)                         | Chlordane-5     | 0.000  | 5.866f | 0        | 222124   | N.D.     | 4.199 #   |
| -----                       |                 |        |        |          |          |          |           |

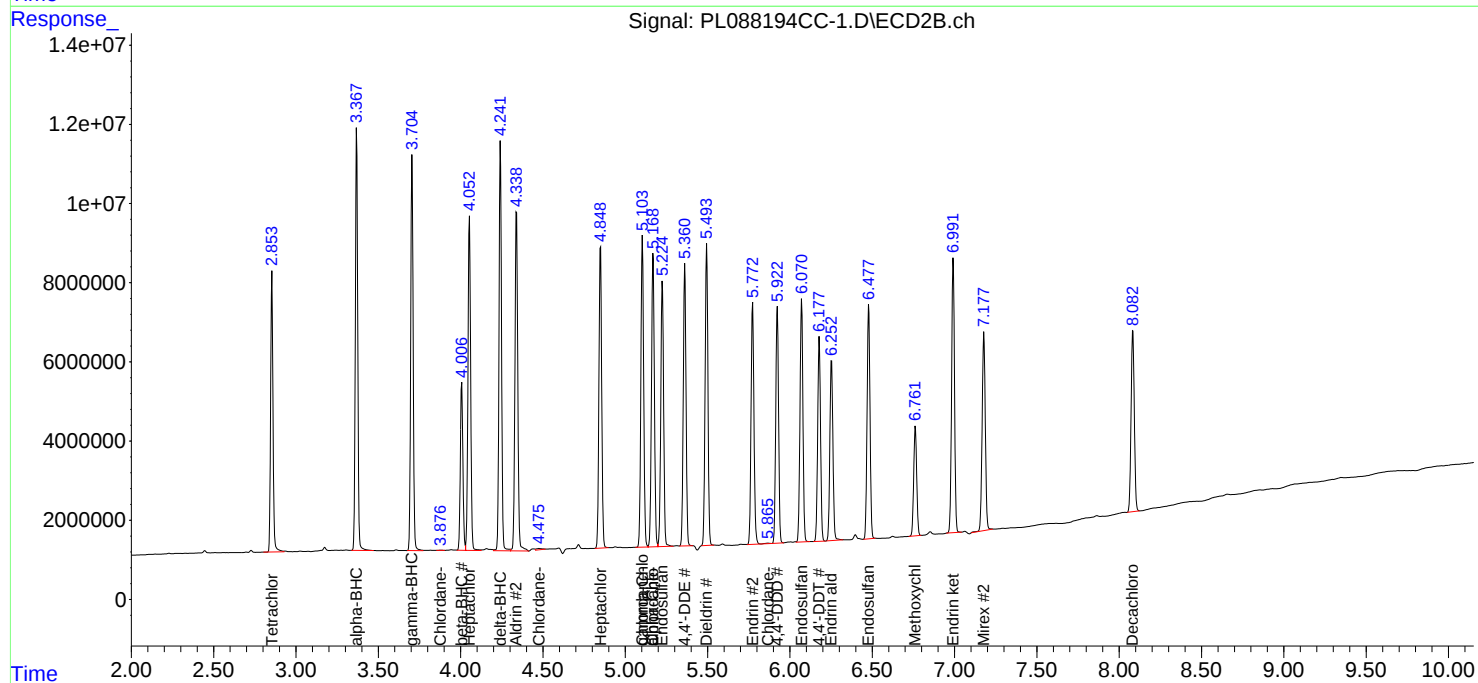
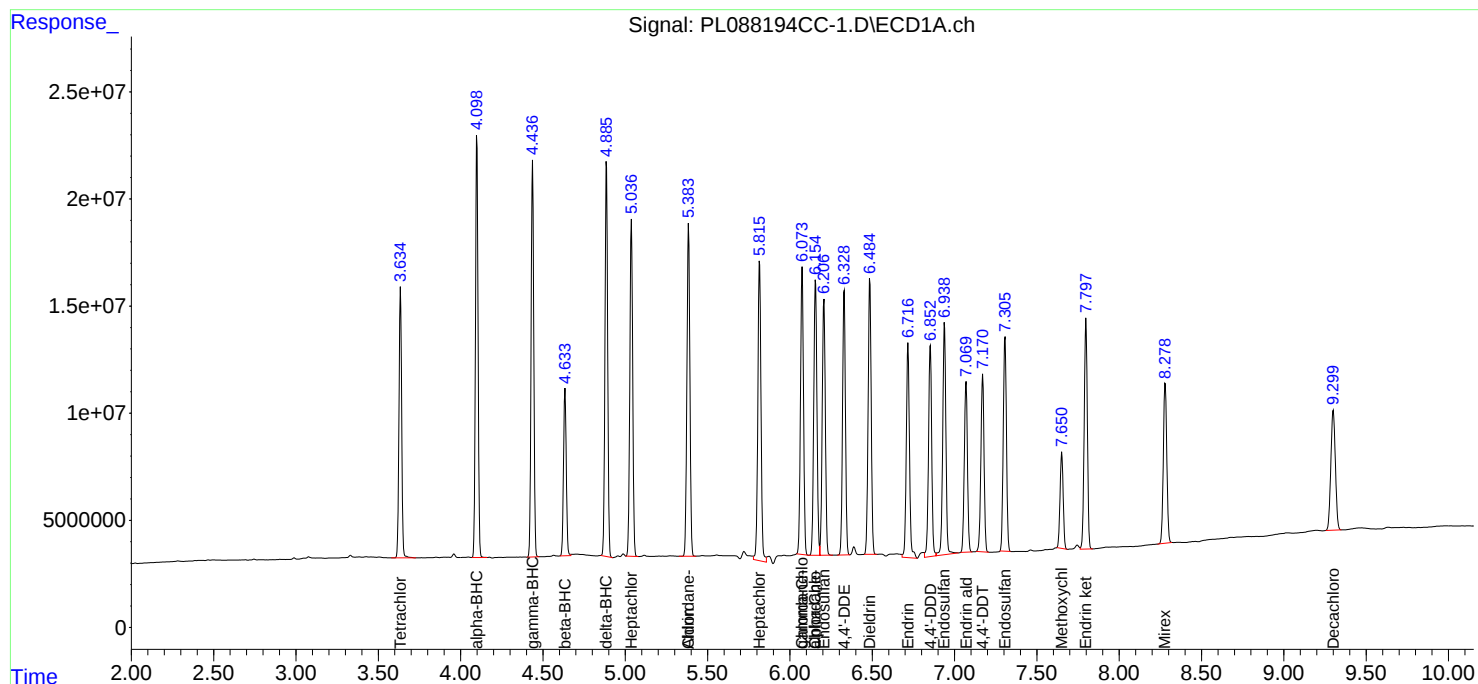
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

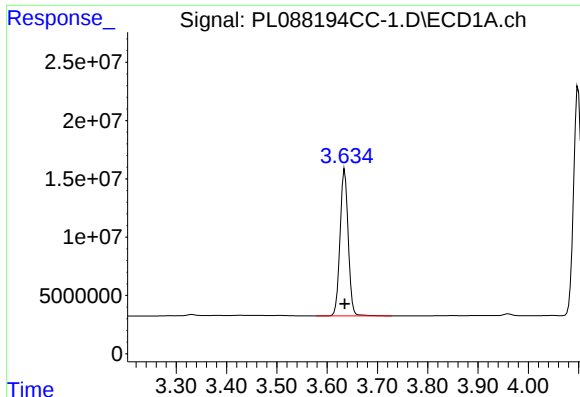
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022124\  
Data File : PL088194CC-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2024 22:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 00:27:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 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

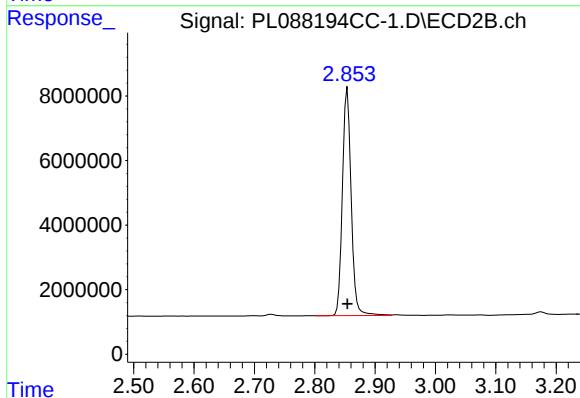




#1 Tetrachloro-m-xylene

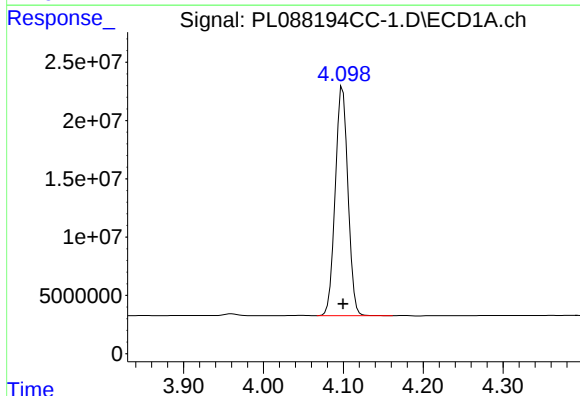
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 141498266  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



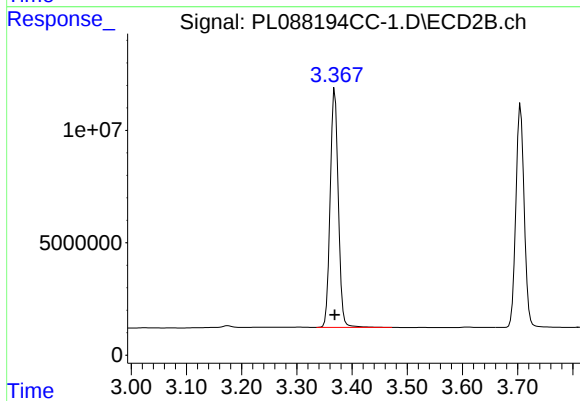
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 71273201  
Conc: 50.82 ng/ml



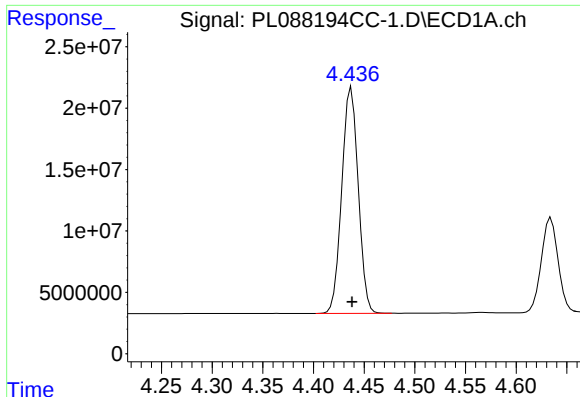
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 216886053  
Conc: 51.96 ng/ml



#2 alpha-BHC

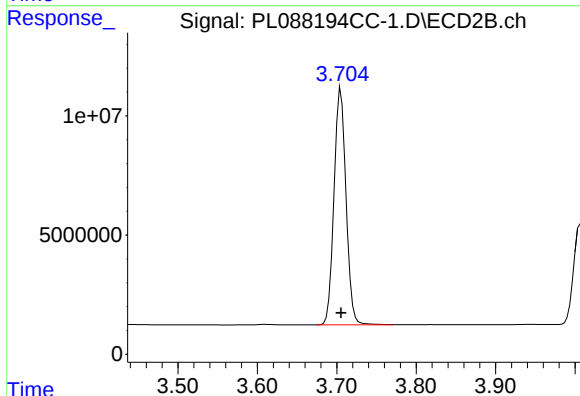
R.T.: 3.369 min  
Delta R.T.: 0.000 min  
Response: 108460498  
Conc: 52.78 ng/ml



#3 gamma-BHC (Lindane)

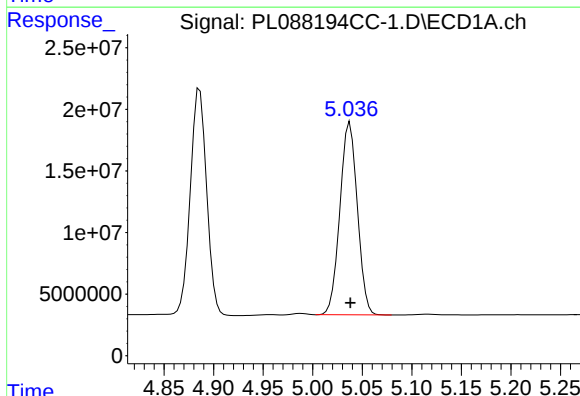
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 207602938  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



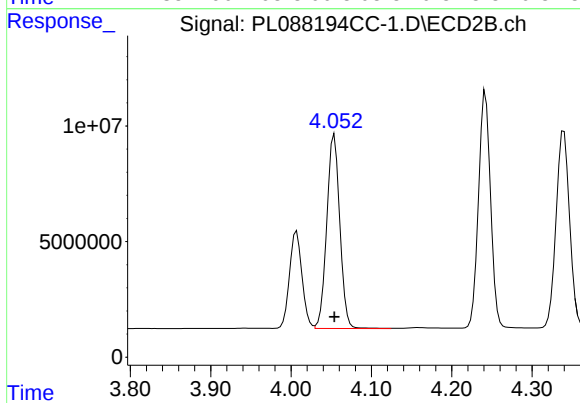
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 104196961  
Conc: 52.03 ng/ml



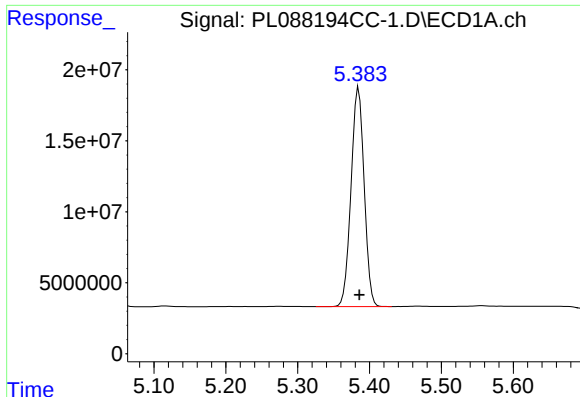
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 191521945  
Conc: 49.77 ng/ml



#4 Heptachlor

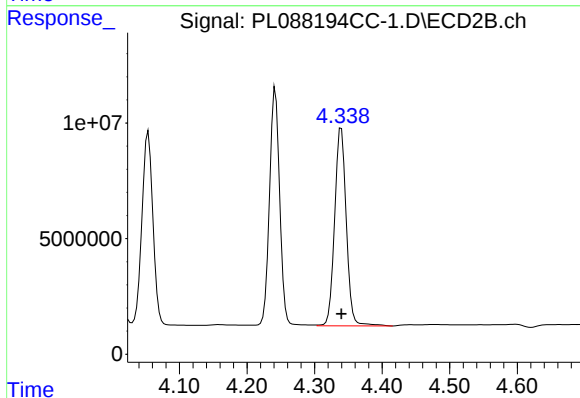
R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 95022546  
Conc: 52.16 ng/ml



#5 Aldrin

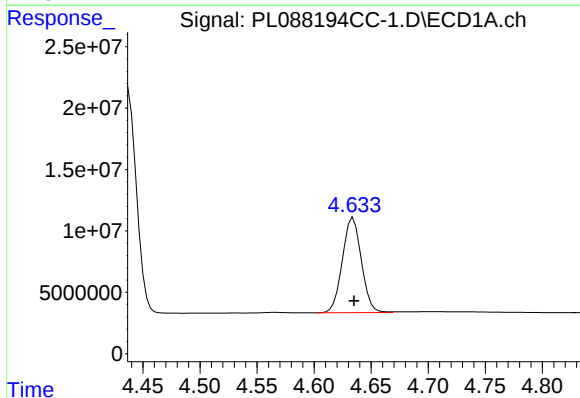
R.T.: 5.385 min  
Delta R.T.: -0.001 min  
Response: 195336407  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



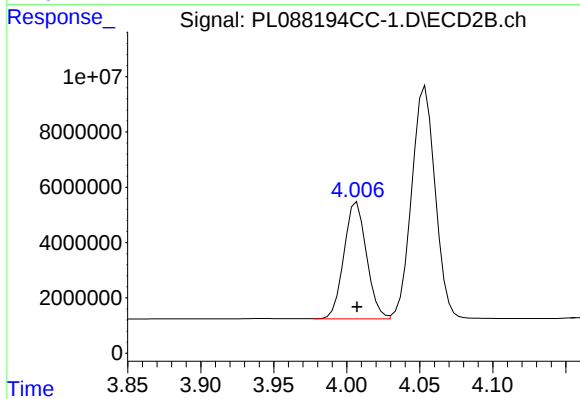
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 103290383  
Conc: 53.26 ng/ml



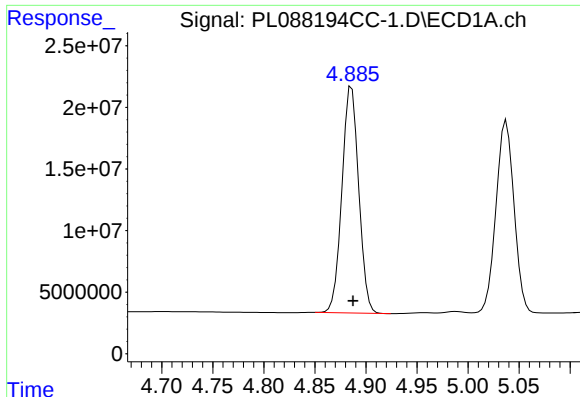
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 89799794  
Conc: 51.56 ng/ml



#6 beta-BHC

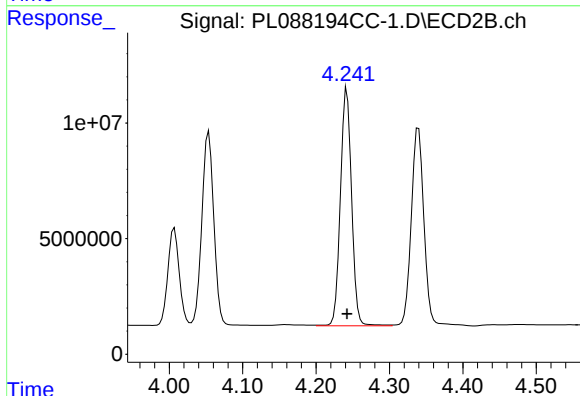
R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 45408678  
Conc: 51.02 ng/ml



#7 delta-BHC

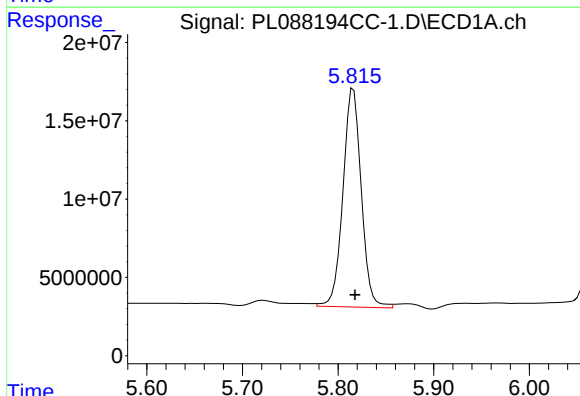
R.T.: 4.886 min  
Delta R.T.: -0.001 min  
Response: 210662084  
Conc: 55.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



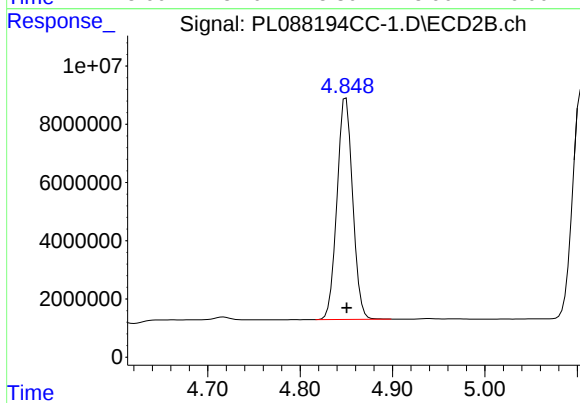
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 108785696  
Conc: 54.53 ng/ml



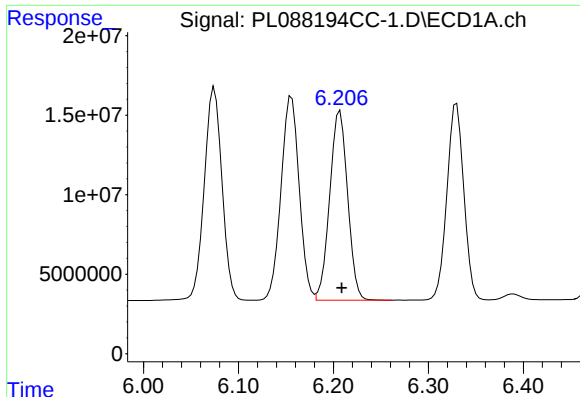
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 186449229  
Conc: 53.22 ng/ml



#8 Heptachlor epoxide

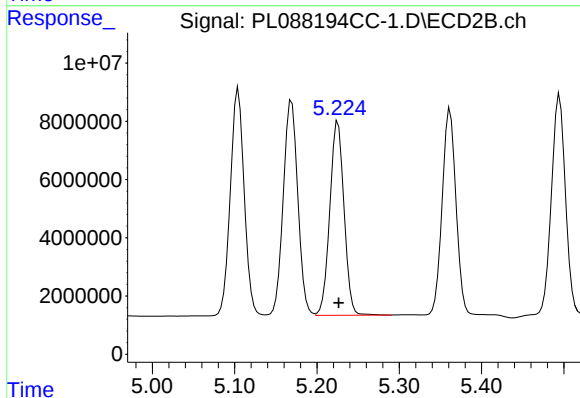
R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 89612399  
Conc: 51.66 ng/ml



#9 Endosulfan I

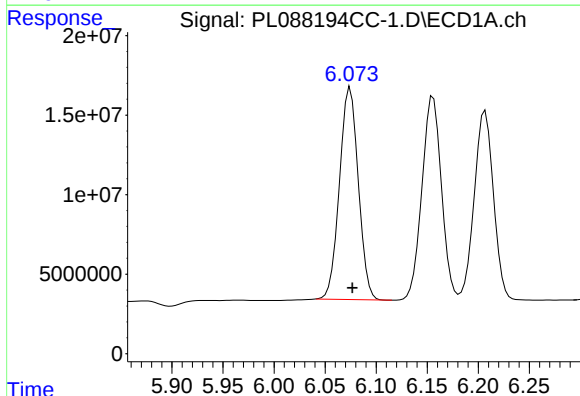
R.T.: 6.207 min  
Delta R.T.: -0.002 min  
Response: 155949931  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



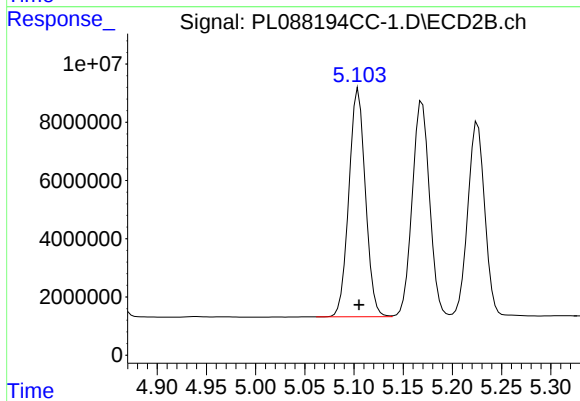
#9 Endosulfan I

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 80206315  
Conc: 49.85 ng/ml



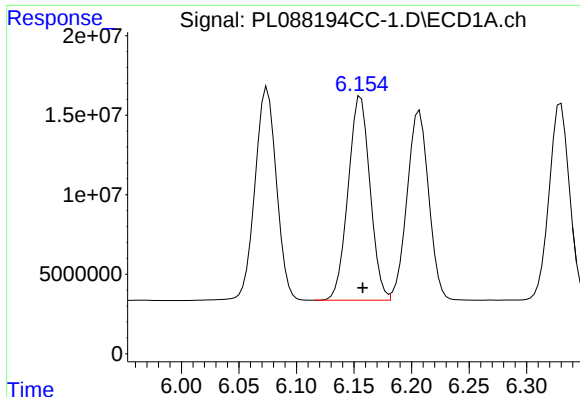
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 171218770  
Conc: 50.38 ng/ml



#10 gamma-Chlordane

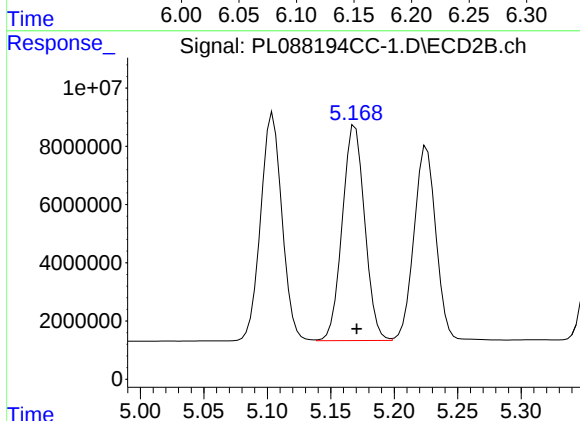
R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 91537831  
Conc: 51.32 ng/ml



#11 alpha-Chlordane

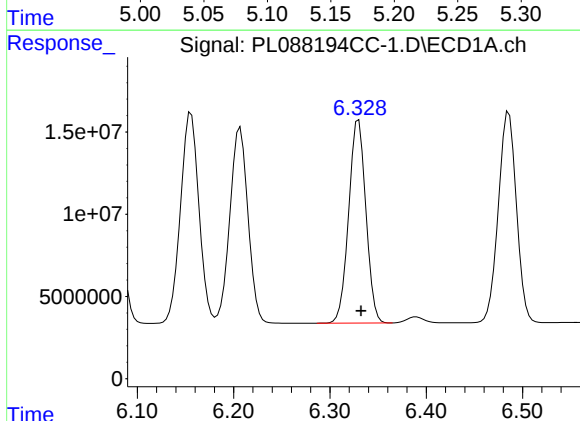
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 170727345  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



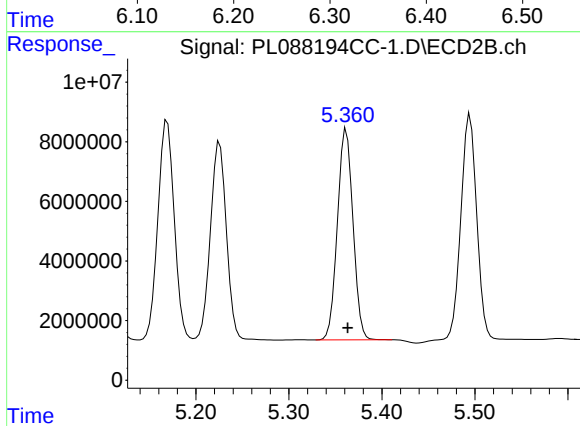
#11 alpha-Chlordane

R.T.: 5.169 min  
Delta R.T.: -0.001 min  
Response: 90941451  
Conc: 51.05 ng/ml



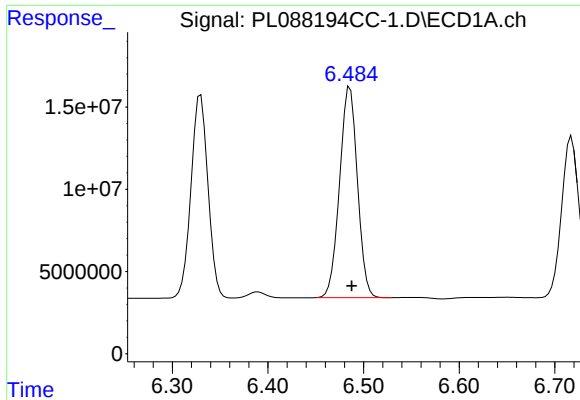
#12 4,4'-DDE

R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 152771347  
Conc: 50.37 ng/ml



#12 4,4'-DDE

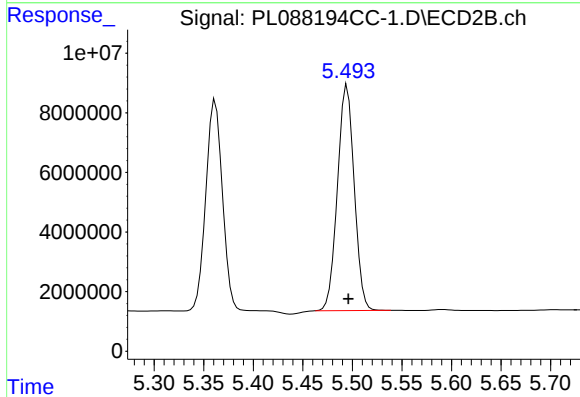
R.T.: 5.362 min  
Delta R.T.: -0.001 min  
Response: 82552700  
Conc: 51.94 ng/ml



#13 Dieldrin

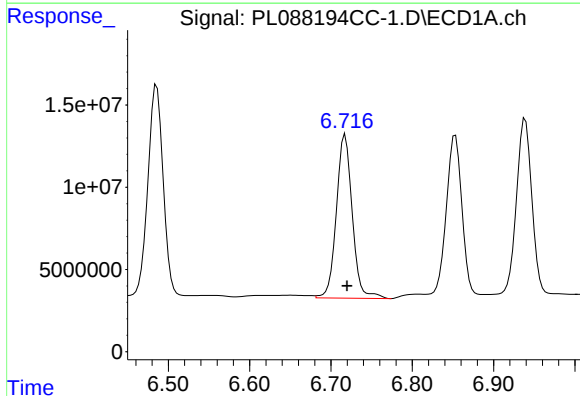
R.T.: 6.486 min  
Delta R.T.: -0.002 min  
Response: 166672688  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



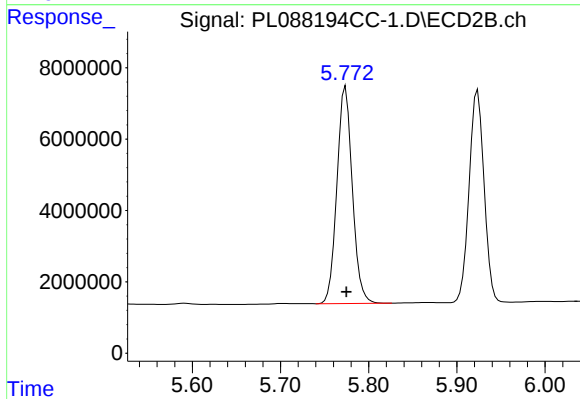
#13 Dieldrin

R.T.: 5.495 min  
Delta R.T.: -0.001 min  
Response: 89244217  
Conc: 51.72 ng/ml



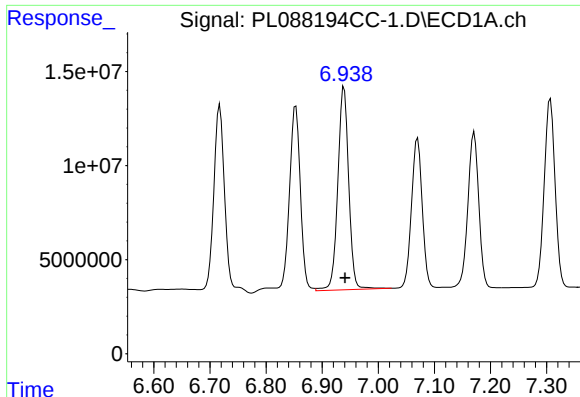
#14 Endrin

R.T.: 6.718 min  
Delta R.T.: -0.002 min  
Response: 134809623  
Conc: 51.84 ng/ml



#14 Endrin

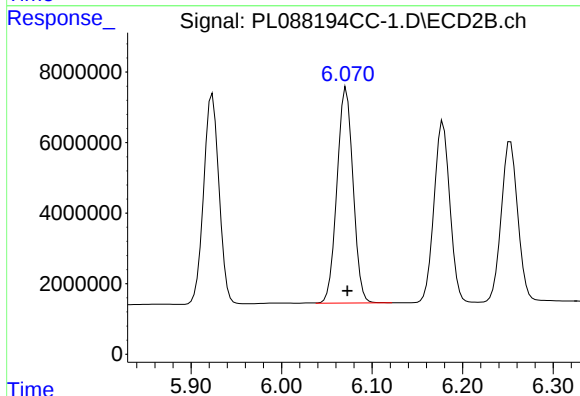
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 73964372  
Conc: 49.47 ng/ml



#15 Endosulfan II

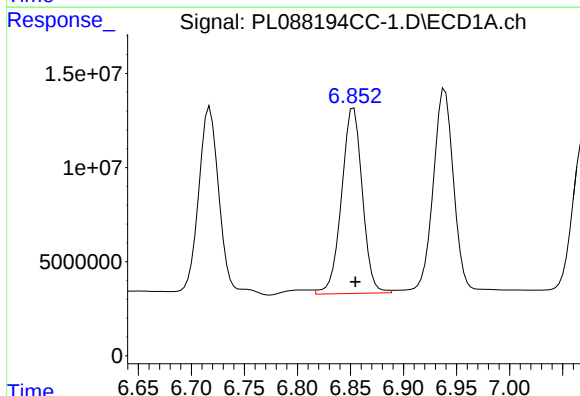
R.T.: 6.939 min  
Delta R.T.: -0.002 min  
Response: 146257526  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



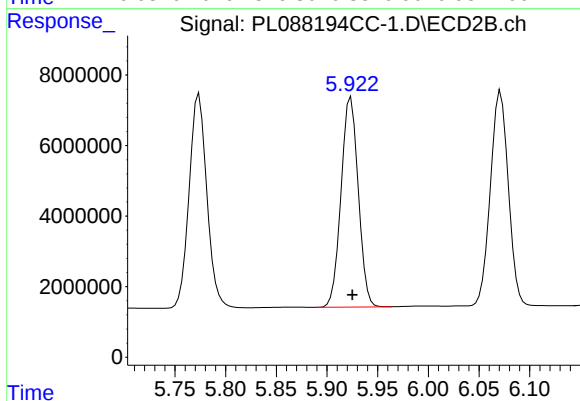
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 75397830  
Conc: 49.49 ng/ml



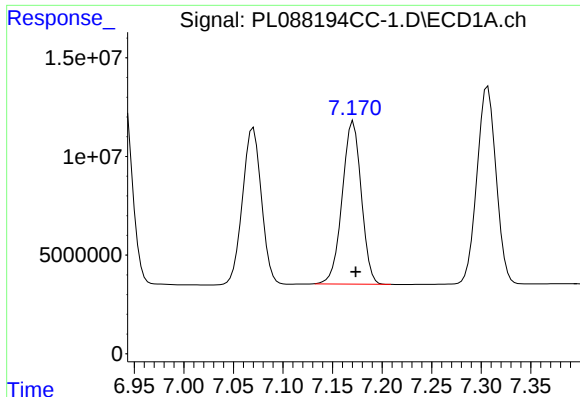
#16 4,4'-DDD

R.T.: 6.853 min  
Delta R.T.: -0.002 min  
Response: 134106202  
Conc: 51.70 ng/ml



#16 4,4'-DDD

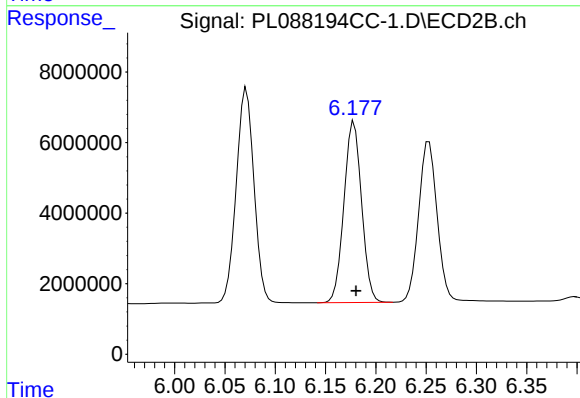
R.T.: 5.924 min  
Delta R.T.: -0.001 min  
Response: 70154341  
Conc: 51.35 ng/ml



#17 4,4'-DDT

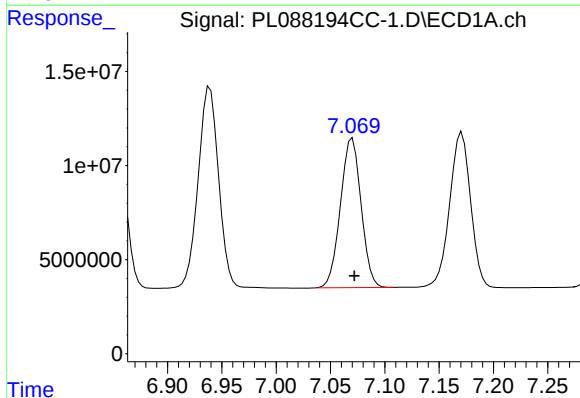
R.T.: 7.171 min  
Delta R.T.: -0.003 min  
Response: 110394876  
Conc: 41.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



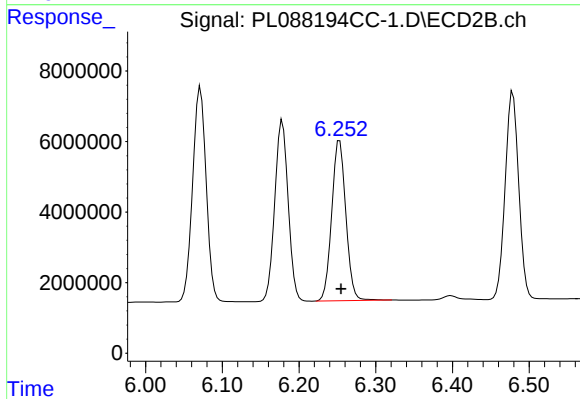
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 62415747  
Conc: 45.72 ng/ml



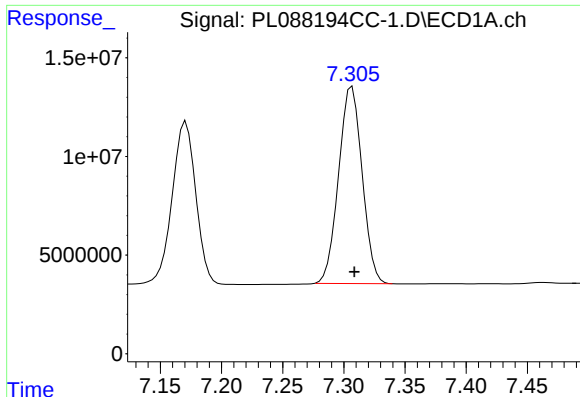
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.002 min  
Response: 105170927  
Conc: 50.86 ng/ml



#18 Endrin aldehyde

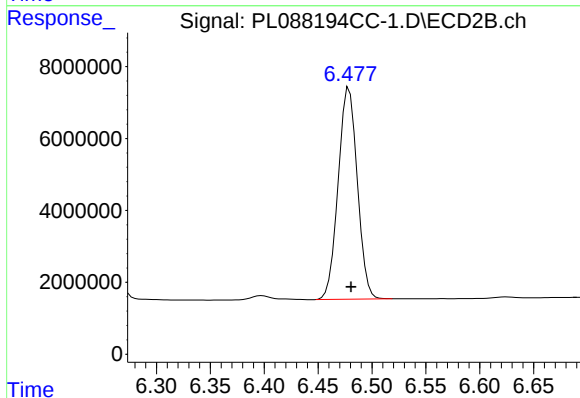
R.T.: 6.253 min  
Delta R.T.: -0.002 min  
Response: 58118251  
Conc: 53.21 ng/ml



#19 Endosulfan Sulfate

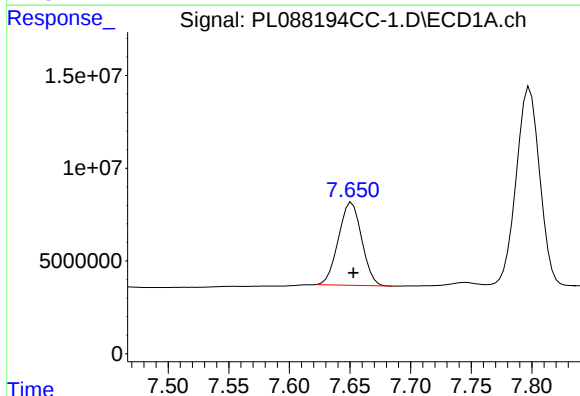
R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 133617819  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



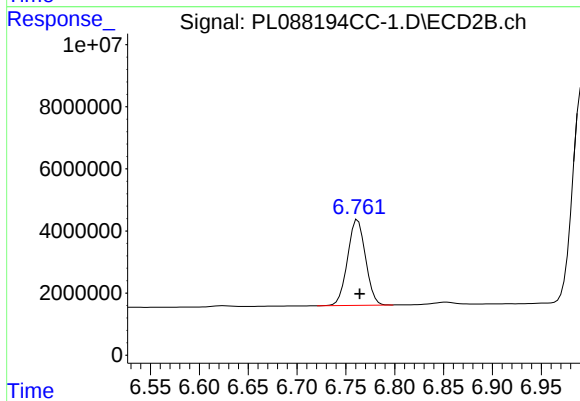
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: -0.002 min  
Response: 72880874  
Conc: 51.89 ng/ml



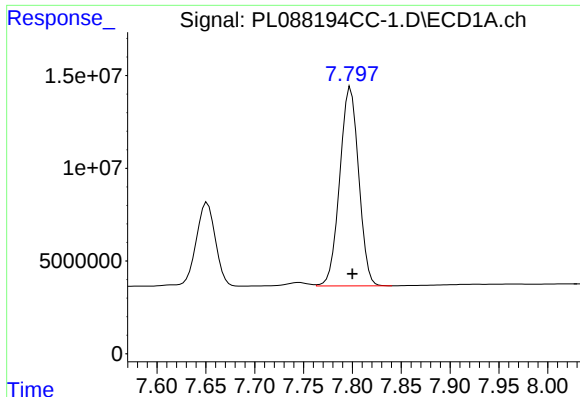
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 59571346  
Conc: 45.00 ng/ml



#20 Methoxychlor

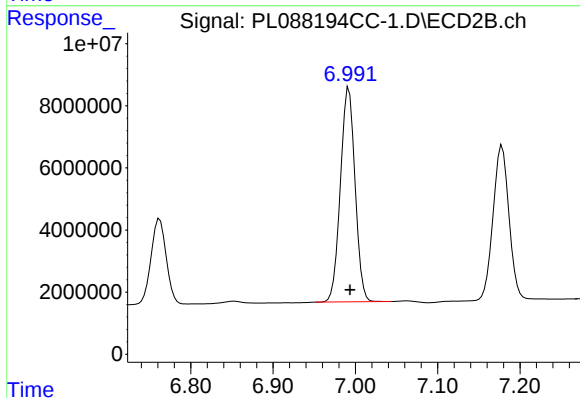
R.T.: 6.762 min  
Delta R.T.: -0.002 min  
Response: 35297390  
Conc: 45.04 ng/ml



#21 Endrin ketone

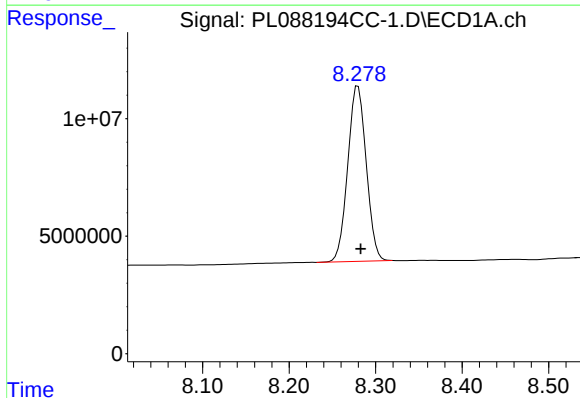
R.T.: 7.798 min  
Delta R.T.: -0.002 min  
Response: 144729111  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



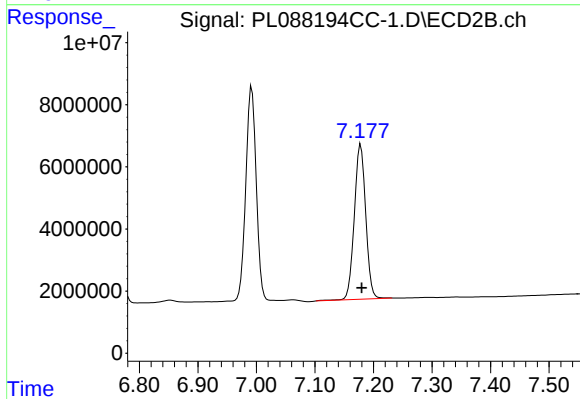
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.002 min  
Response: 85464206  
Conc: 51.05 ng/ml



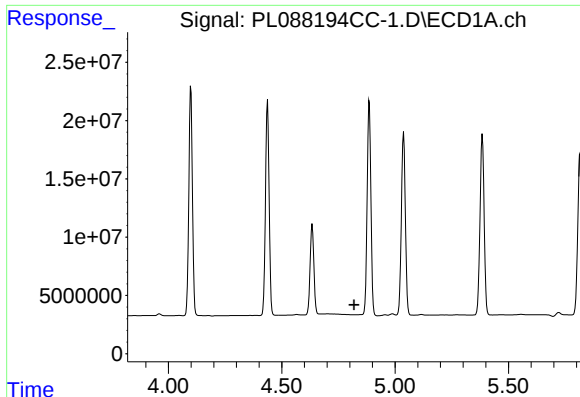
#22 Mirex

R.T.: 8.280 min  
Delta R.T.: -0.003 min  
Response: 110552376  
Conc: 47.71 ng/ml



#22 Mirex

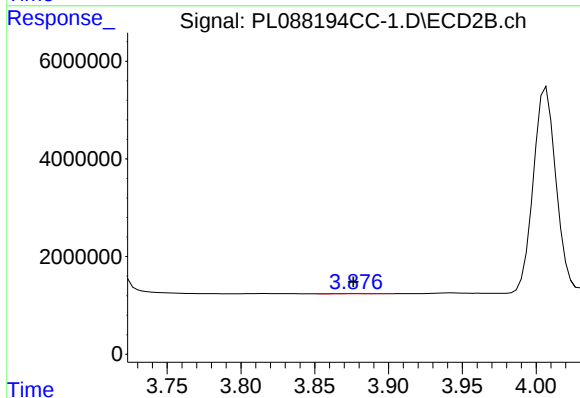
R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 67702733  
Conc: 51.68 ng/ml



#23 Chlordane-1

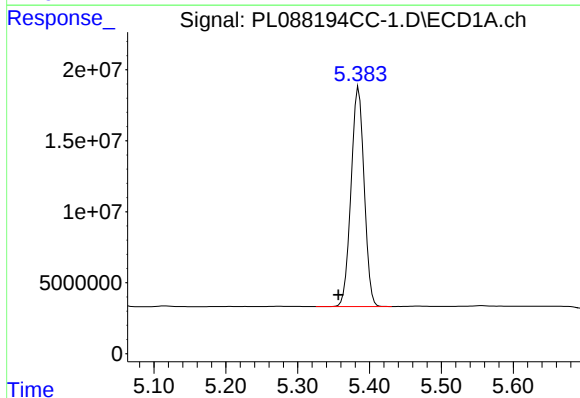
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



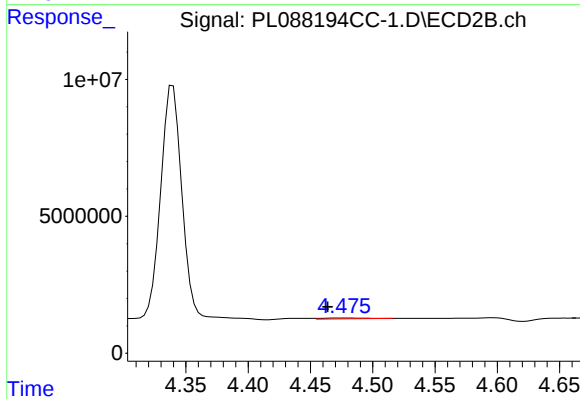
#23 Chlordane-1

R.T.: 3.878 min  
Delta R.T.: 0.001 min  
Response: 49985  
Conc: 0.97 ng/ml



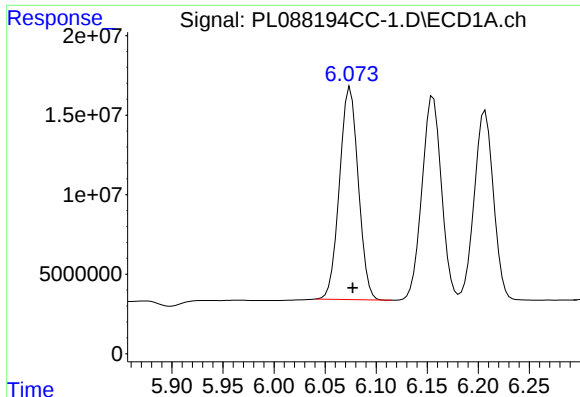
#24 Chlordane-2

R.T.: 5.385 min  
Delta R.T.: 0.028 min  
Response: 195336407  
Conc: 1455.35 ng/ml



#24 Chlordane-2

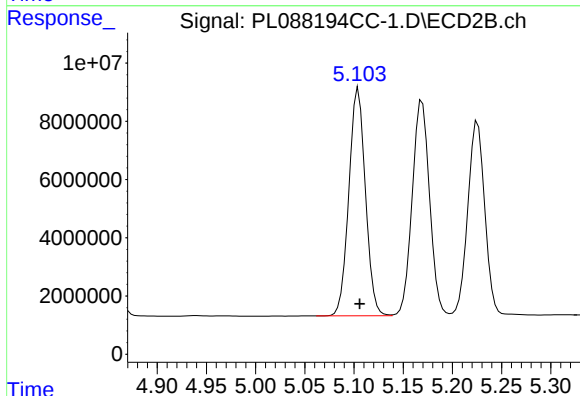
R.T.: 4.477 min  
Delta R.T.: 0.013 min  
Response: 807363  
Conc: 12.71 ng/ml



#25 Chlordane-3

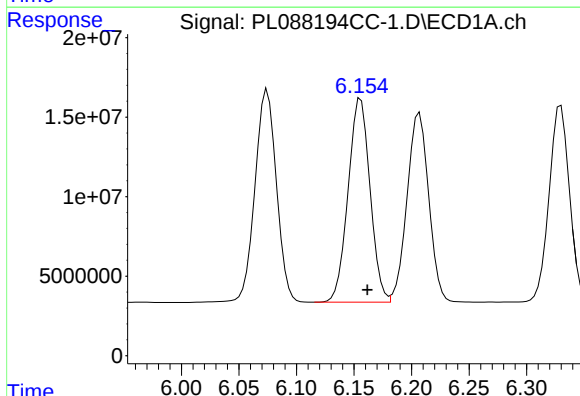
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 171218770  
Conc: 339.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



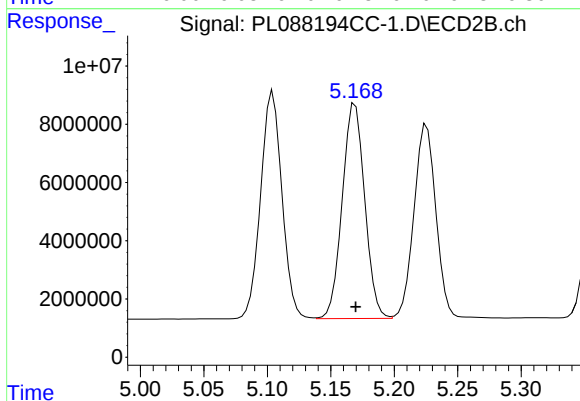
#25 Chlordane-3

R.T.: 5.104 min  
Delta R.T.: -0.001 min  
Response: 91537831  
Conc: 491.62 ng/ml



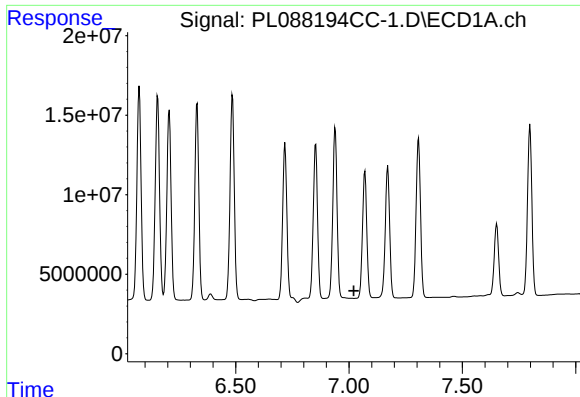
#26 Chlordane-4

R.T.: 6.156 min  
Delta R.T.: -0.006 min  
Response: 170727345  
Conc: 278.08 ng/ml



#26 Chlordane-4

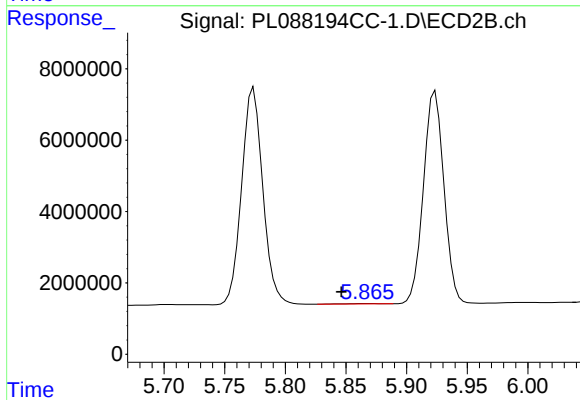
R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 90941451  
Conc: 525.91 ng/ml



#27 Chlordane-5

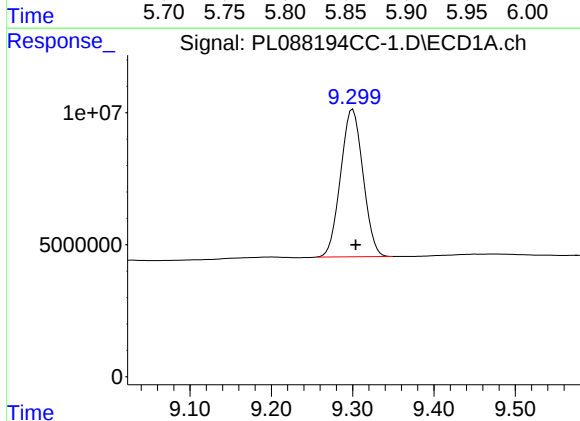
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



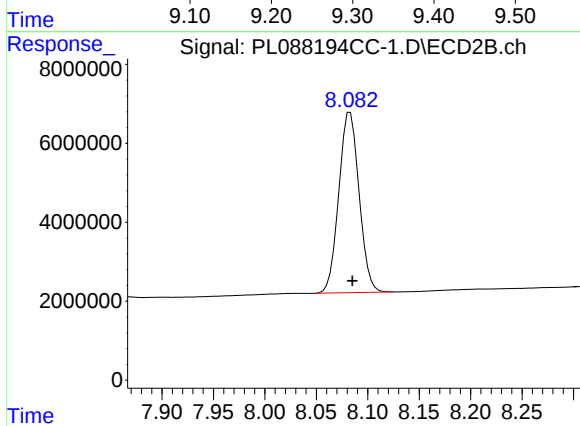
#27 Chlordane-5

R.T.: 5.866 min  
Delta R.T.: 0.020 min  
Response: 222124  
Conc: 4.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min  
Delta R.T.: -0.004 min  
Response: 106941421  
Conc: 55.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min  
Delta R.T.: -0.002 min  
Response: 62682204  
Conc: 49.23 ng/ml