

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081823\  
 Data File : PL084836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2023 14:35  
 Operator : AR\AJ  
 Sample : 04043-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 21:44:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.477  | 2.685  | 49141482 | 21906240 | 21.150   | 20.145     |
| 28)                         | SA Decachlor... | 9.028  | 7.866  | 28587661 | 21730566 | 17.570   | 17.429     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.935  | 3.190  | 178.5E6  | 87553451 | 54.071   | 56.703     |
| 3)                          | MA gamma-BHC... | 4.269  | 3.521  | 166.5E6  | 81986705 | 52.208   | 53.955     |
| 4)                          | MA Heptachlor   | 4.861  | 3.862  | 181.2E6  | 80568068 | 53.876   | 56.573     |
| 5)                          | MB Aldrin       | 5.204  | 4.141  | 163.7E6  | 80673956 | 49.528   | 55.507     |
| 6)                          | B beta-BHC      | 4.468  | 3.822  | 75130855 | 35914252 | 53.783   | 53.602     |
| 7)                          | B delta-BHC     | 4.715  | 4.051  | 169.5E6  | 83511794 | 52.559   | 55.007     |
| 8)                          | B Heptachlo...  | 5.634  | 4.648  | 150.5E6  | 71771628 | 49.946   | 54.094     |
| 9)                          | A Endosulfan I  | 6.020  | 5.018  | 133.6E6  | 67353559 | 50.749   | 54.348     |
| 10)                         | B gamma-Chl...  | 5.891  | 4.900  | 146.4E6  | 74151567 | 51.114   | 54.674     |
| 11)                         | B alpha-Chl...  | 5.972  | 4.965  | 141.8E6  | 73542335 | 50.213   | 53.976     |
| 12)                         | B 4,4'-DDE      | 6.150  | 5.163  | 122.2E6  | 68792976 | 53.247   | 55.863     |
| 13)                         | MA Dieldrin     | 6.297  | 5.285  | 129.1E6  | 71664545 | 48.849   | 52.780     |
| 14)                         | MA Endrin       | 6.526  | 5.560  | 107.9E6  | 65327535 | 49.451   | 53.407     |
| 15)                         | B Endosulfa...  | 6.748  | 5.858  | 99138586 | 60825159 | 46.874   | 50.411     |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.721  | 94861171 | 57992719 | 56.580   | 56.127     |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.973  | 96914661 | 58840579 | 51.724   | 50.700     |
| 18)                         | B Endrin al...  | 6.878  | 6.039  | 80655362 | 49155778 | 47.811   | 49.565     |
| 19)                         | B Endosulfa...  | 7.114  | 6.265  | 98805619 | 60351945 | 49.460   | 50.750     |
| 20)                         | A Methoxychlor  | 7.466  | 6.557  | 47630749 | 33711568 | 49.632   | 49.135     |
| 21)                         | B Endrin ke...  | 7.599  | 6.769  | 97116722 | 74410571 | 48.548   | 51.573     |
| 22)                         | Mirex           | 8.074  | 6.950  | 78112042 | 57297338 | 47.032   | 49.682     |
| 23)                         | Chlordane-1     | 0.000  | 3.709f | 0        | 170203   | N.D.     | 4.441 #    |
| 24)                         | Chlordane-2     | 5.204f | 4.282  | 163.7E6  | 155157   | 1433.920 | 3.098 #    |
| 25)                         | Chlordane-3     | 5.891  | 4.900  | 146.4E6  | 74151567 | 362.900  | 535.284 #  |
| 26)                         | Chlordane-4     | 5.972  | 4.965  | 141.8E6  | 73542335 | 292.663  | 512.394 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.858  | 0        | 60825159 | N.D.     | 1194.266 # |
| -----                       |                 |        |        |          |          |          |            |

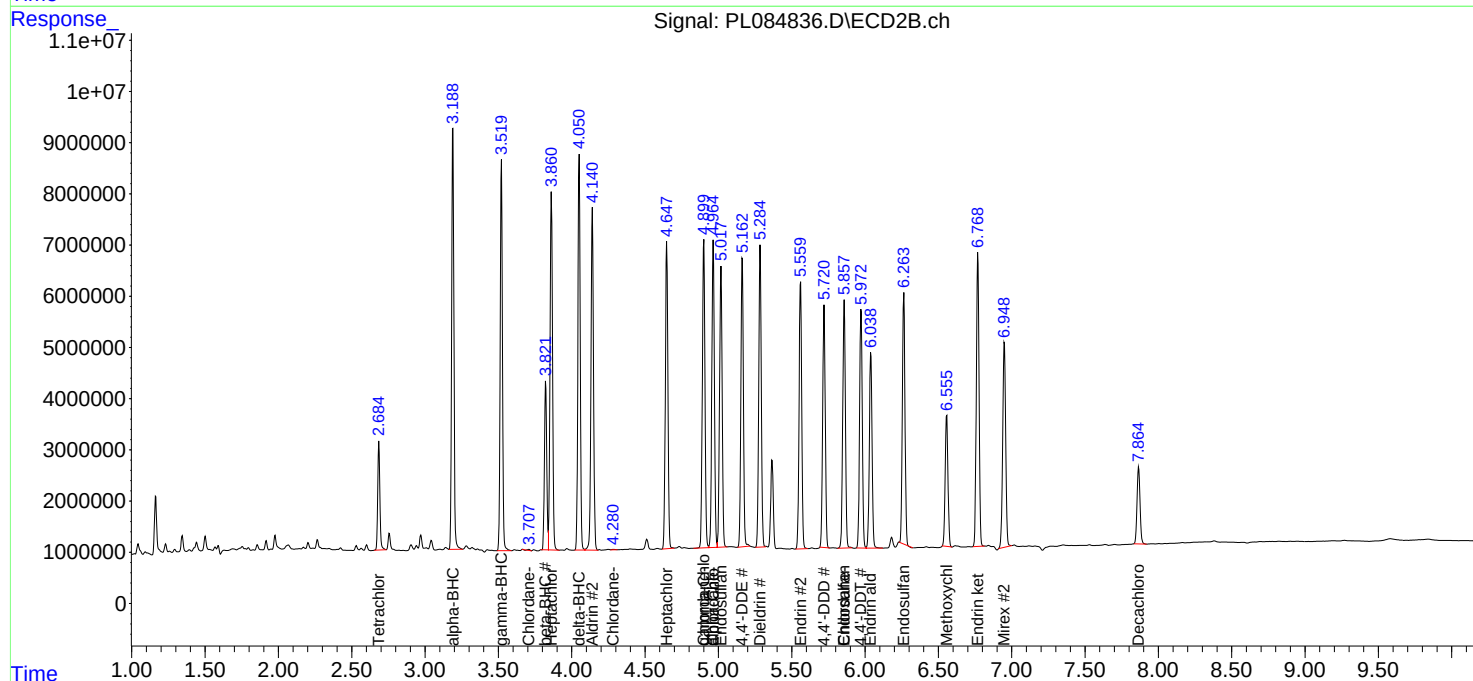
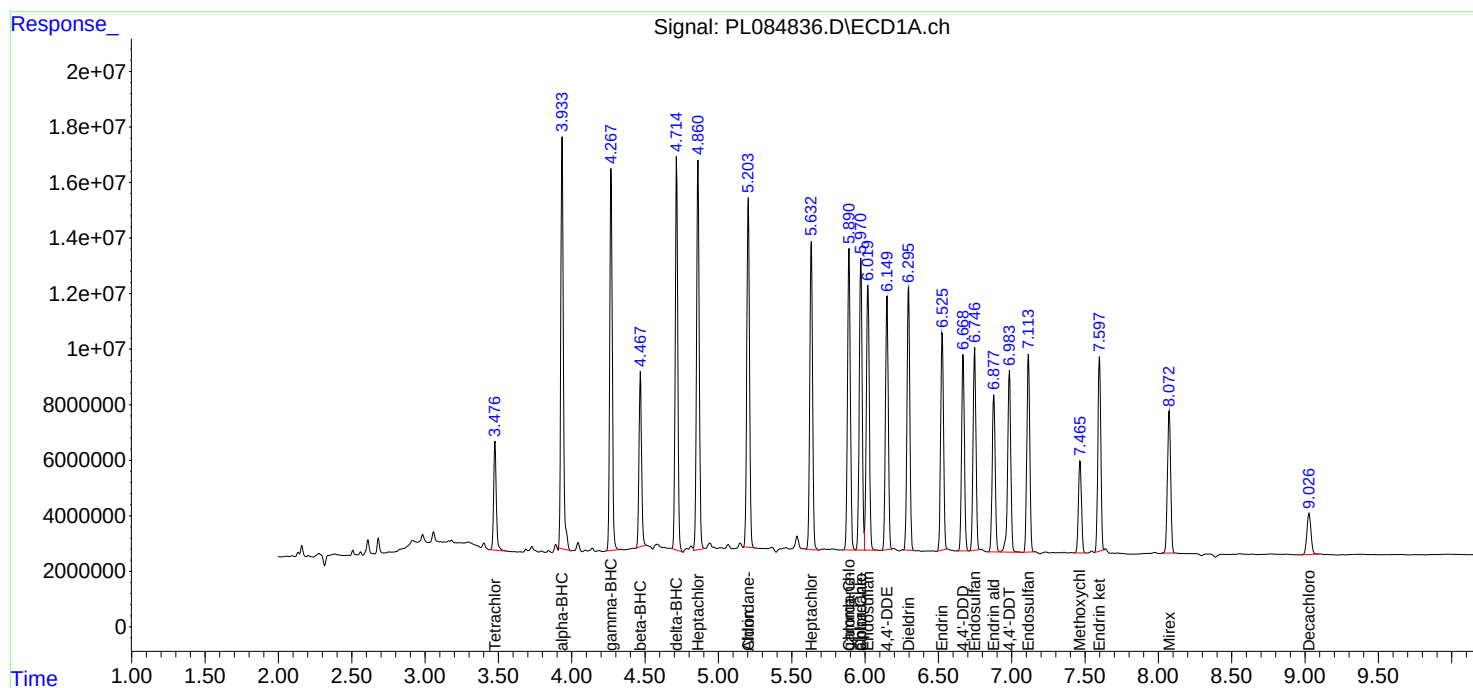
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

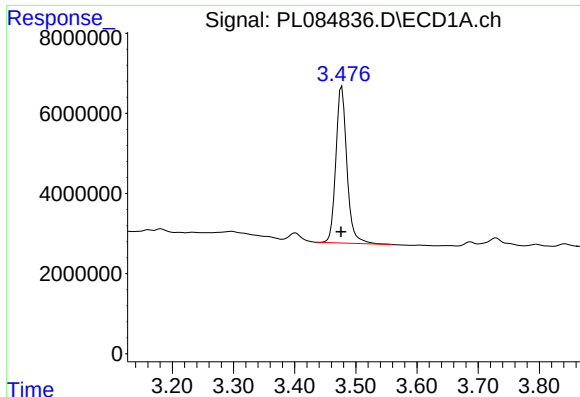
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081823\  
Data File : PL084836.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2023 14:35  
Operator : AR\AJ  
Sample : 04043-01MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 21:44:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 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

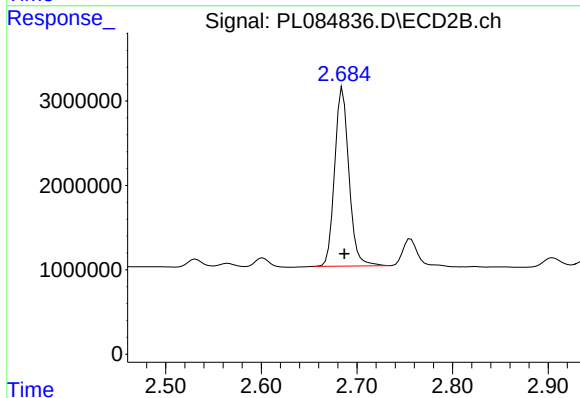




#1 Tetrachloro-m-xylene

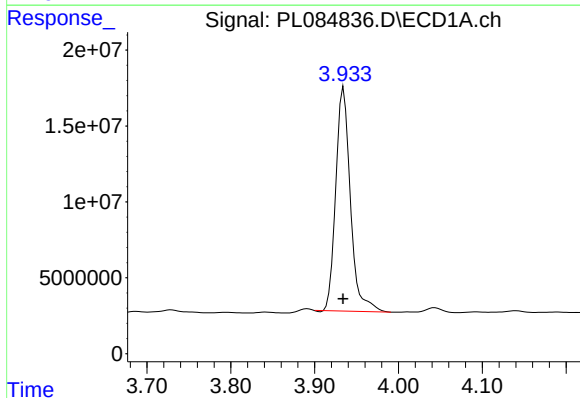
R.T.: 3.477 min  
Delta R.T.: 0.001 min  
Response: 49141482  
Conc: 21.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



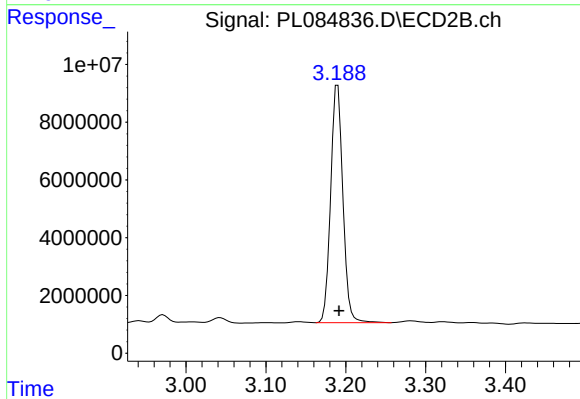
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: -0.002 min  
Response: 21906240  
Conc: 20.15 ng/ml



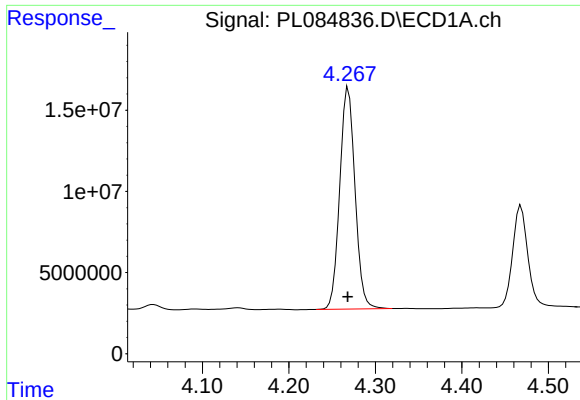
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 178510261  
Conc: 54.07 ng/ml



#2 alpha-BHC

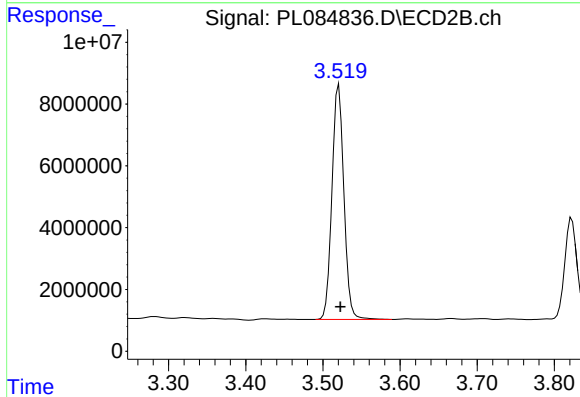
R.T.: 3.190 min  
Delta R.T.: -0.002 min  
Response: 87553451  
Conc: 56.70 ng/ml



#3 gamma-BHC (Lindane)

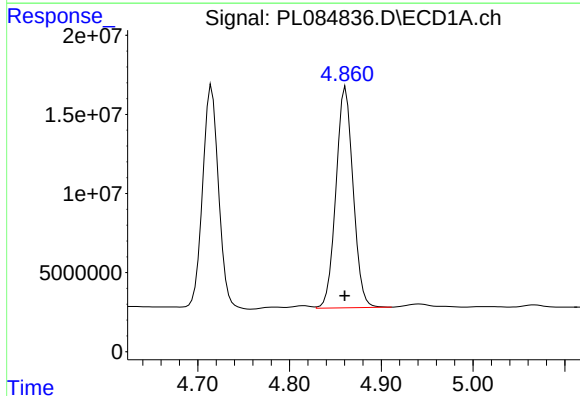
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 166545418  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



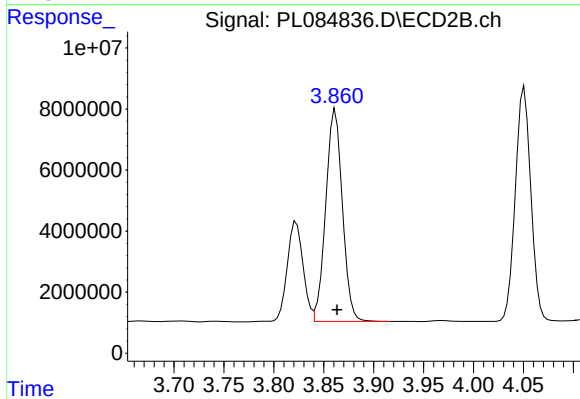
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: -0.002 min  
Response: 81986705  
Conc: 53.96 ng/ml



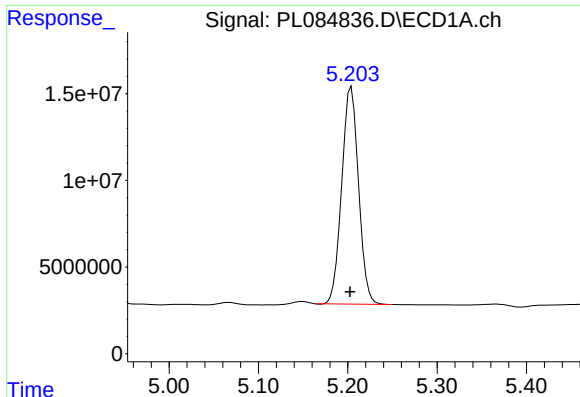
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.001 min  
Response: 181177347  
Conc: 53.88 ng/ml



#4 Heptachlor

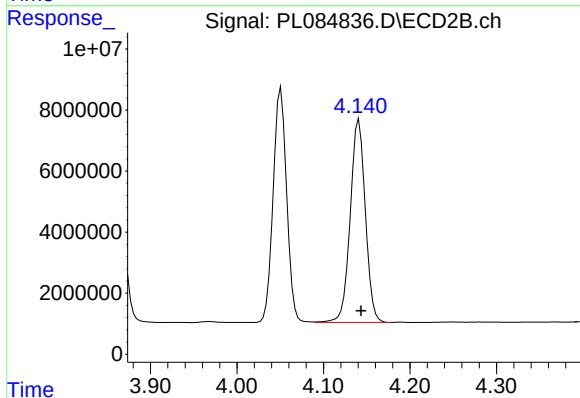
R.T.: 3.862 min  
Delta R.T.: -0.002 min  
Response: 80568068  
Conc: 56.57 ng/ml



#5 Aldrin

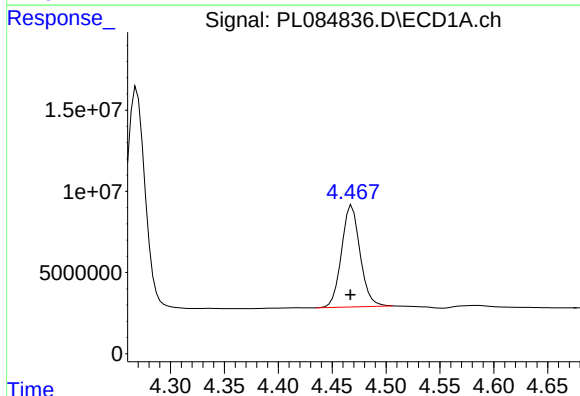
R.T.: 5.204 min  
Delta R.T.: 0.001 min  
Response: 163707843  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



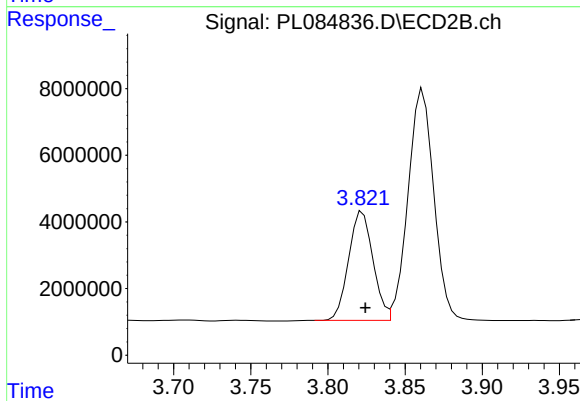
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.002 min  
Response: 80673956  
Conc: 55.51 ng/ml



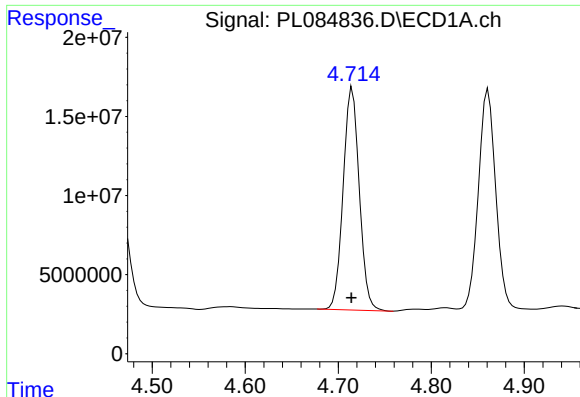
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.001 min  
Response: 75130855  
Conc: 53.78 ng/ml



#6 beta-BHC

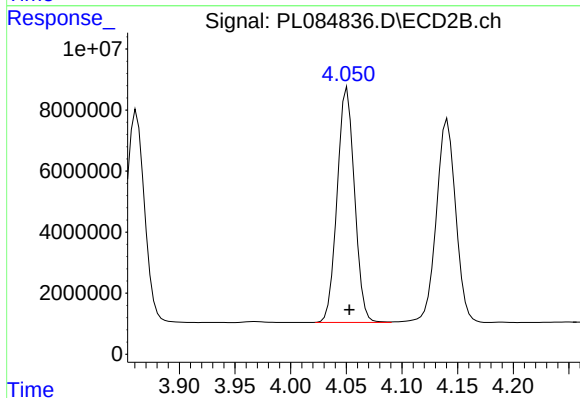
R.T.: 3.822 min  
Delta R.T.: -0.002 min  
Response: 35914252  
Conc: 53.60 ng/ml



#7 delta-BHC

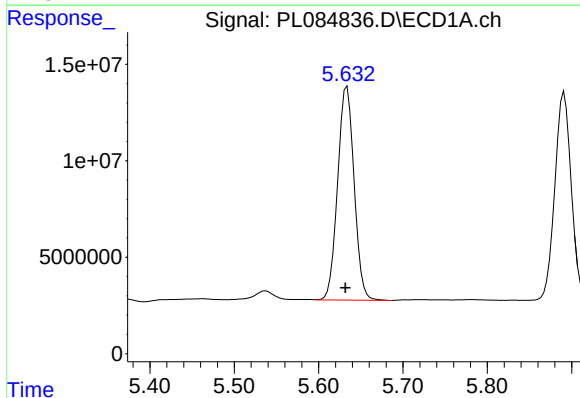
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 169488675  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



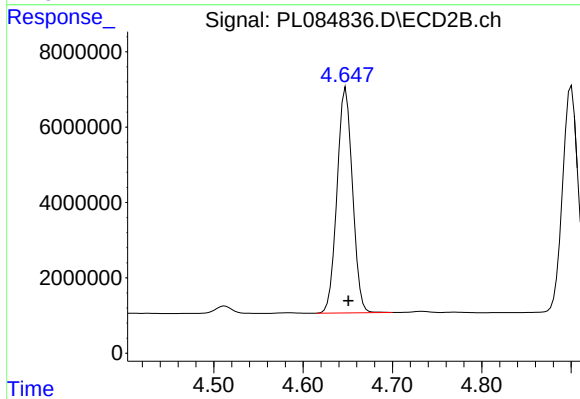
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: -0.002 min  
Response: 83511794  
Conc: 55.01 ng/ml



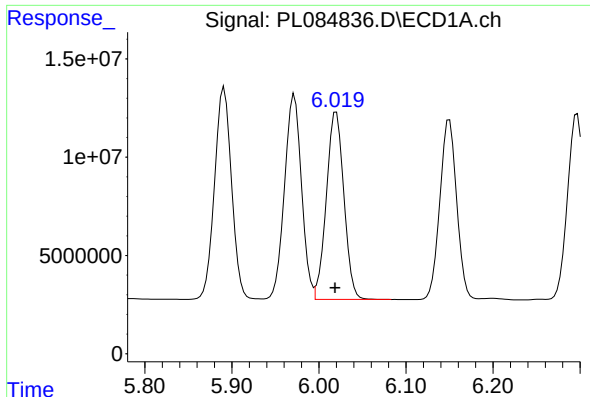
#8 Heptachlor epoxide

R.T.: 5.634 min  
Delta R.T.: 0.002 min  
Response: 150472862  
Conc: 49.95 ng/ml



#8 Heptachlor epoxide

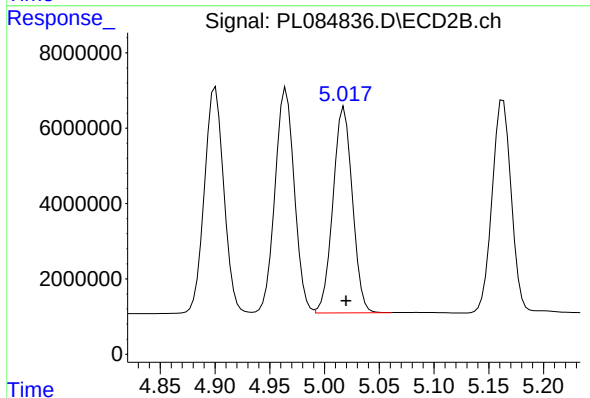
R.T.: 4.648 min  
Delta R.T.: -0.003 min  
Response: 71771628  
Conc: 54.09 ng/ml



#9 Endosulfan I

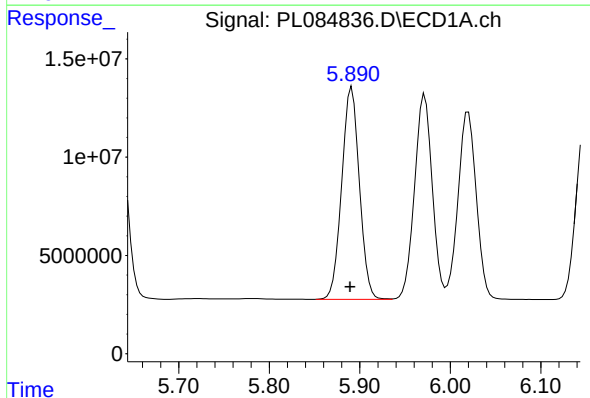
R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 133585213  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



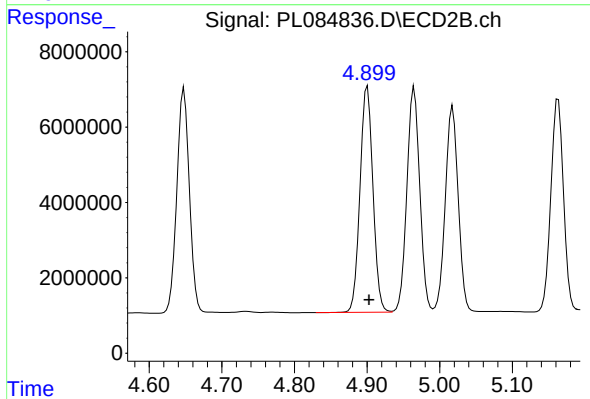
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: -0.002 min  
Response: 67353559  
Conc: 54.35 ng/ml



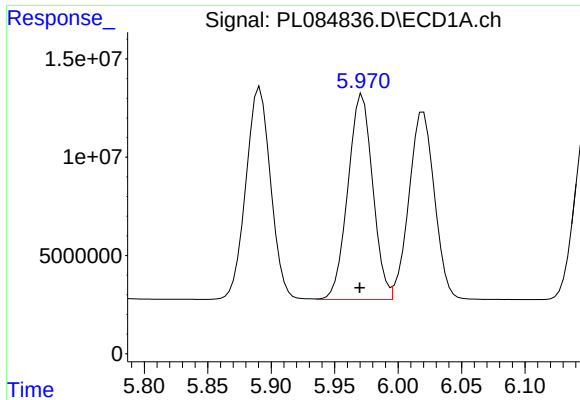
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.002 min  
Response: 146371825  
Conc: 51.11 ng/ml



#10 gamma-Chlordane

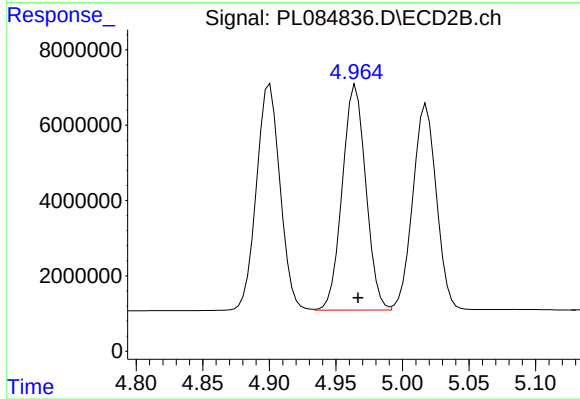
R.T.: 4.900 min  
Delta R.T.: -0.002 min  
Response: 74151567  
Conc: 54.67 ng/ml



#11 alpha-Chlordane

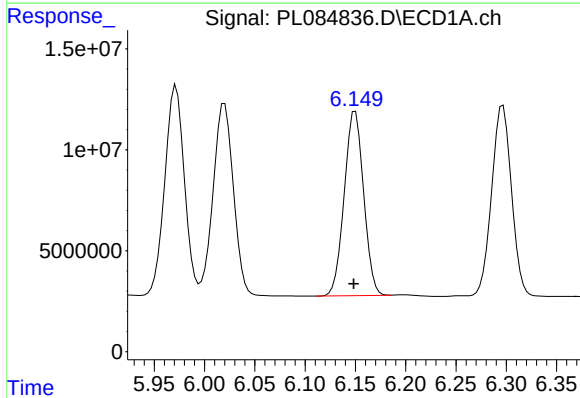
R.T.: 5.972 min  
Delta R.T.: 0.002 min  
Response: 141761779  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



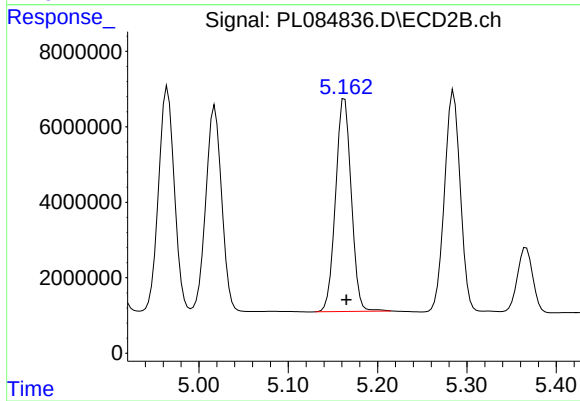
#11 alpha-Chlordane

R.T.: 4.965 min  
Delta R.T.: -0.002 min  
Response: 73542335  
Conc: 53.98 ng/ml



#12 4,4'-DDE

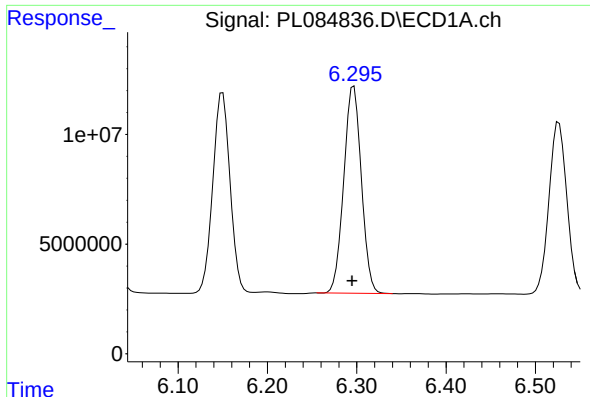
R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 122216977  
Conc: 53.25 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min  
Delta R.T.: -0.002 min  
Response: 68792976  
Conc: 55.86 ng/ml

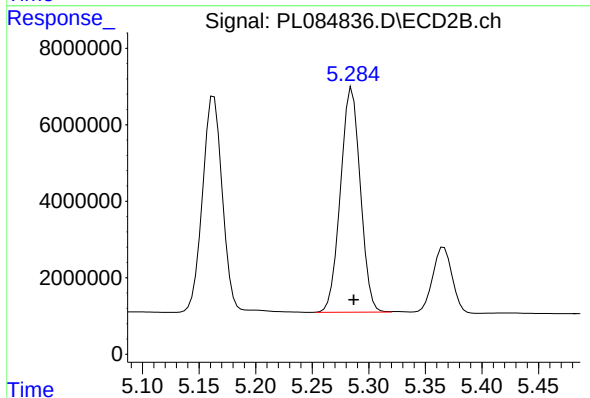




#13 Dieldrin

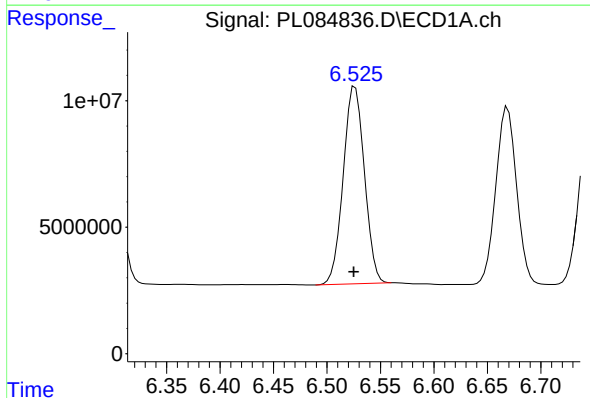
R.T.: 6.297 min  
Delta R.T.: 0.002 min  
Response: 129088387  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



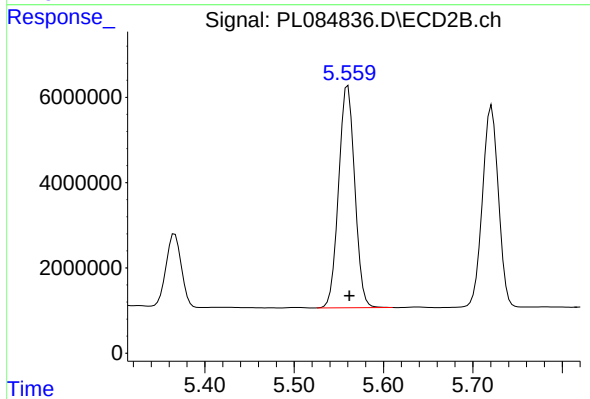
#13 Dieldrin

R.T.: 5.285 min  
Delta R.T.: -0.002 min  
Response: 71664545  
Conc: 52.78 ng/ml



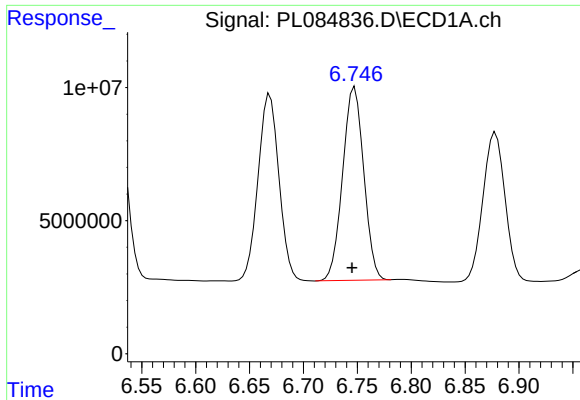
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: 0.001 min  
Response: 107852215  
Conc: 49.45 ng/ml



#14 Endrin

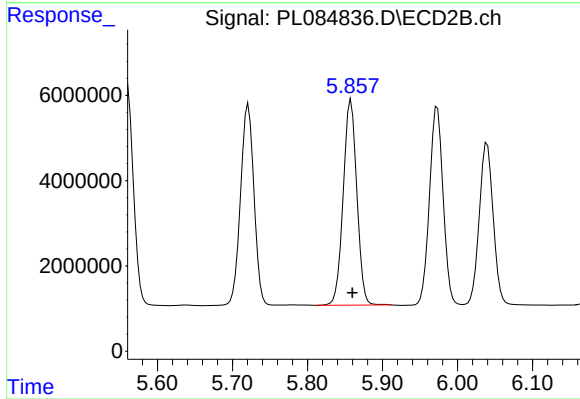
R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 65327535  
Conc: 53.41 ng/ml



#15 Endosulfan II

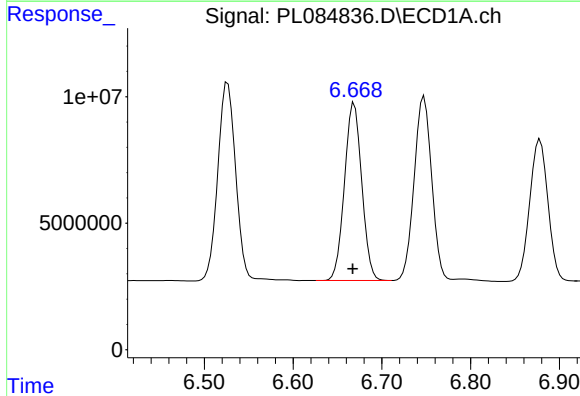
R.T.: 6.748 min  
Delta R.T.: 0.002 min  
Response: 99138586  
Conc: 46.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



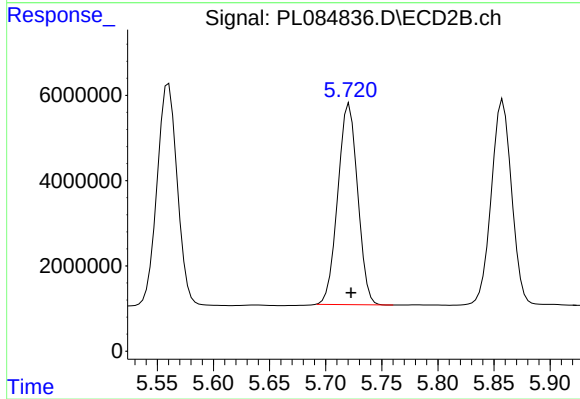
#15 Endosulfan II

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 60825159  
Conc: 50.41 ng/ml



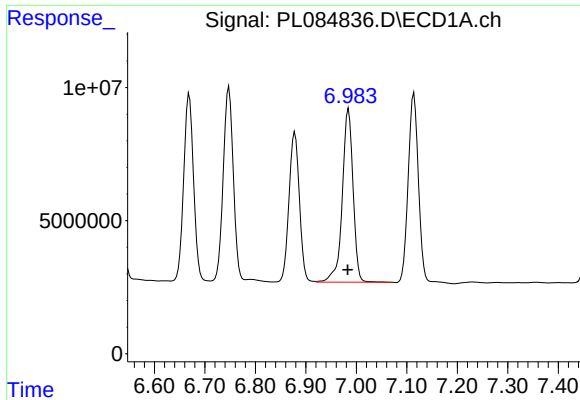
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.002 min  
Response: 94861171  
Conc: 56.58 ng/ml



#16 4,4'-DDD

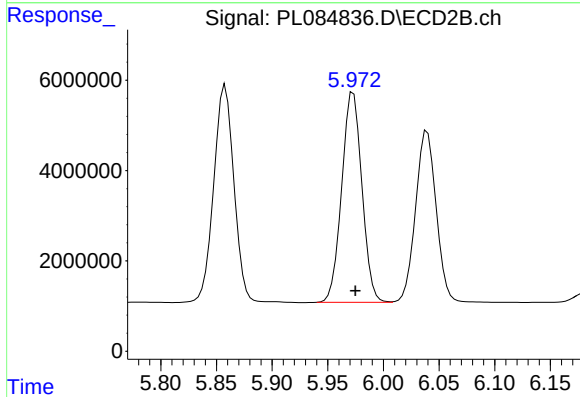
R.T.: 5.721 min  
Delta R.T.: -0.002 min  
Response: 57992719  
Conc: 56.13 ng/ml



#17 4,4'-DDT

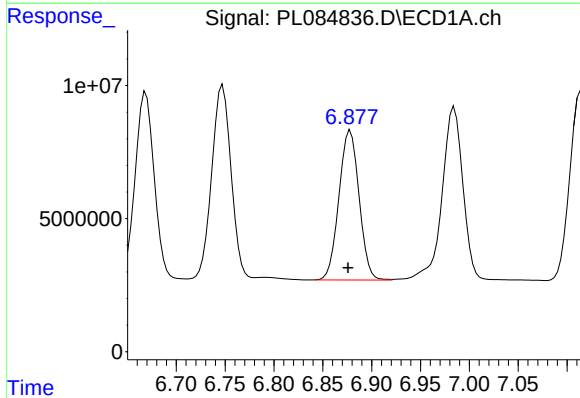
R.T.: 6.985 min  
Delta R.T.: 0.001 min  
Response: 96914661  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



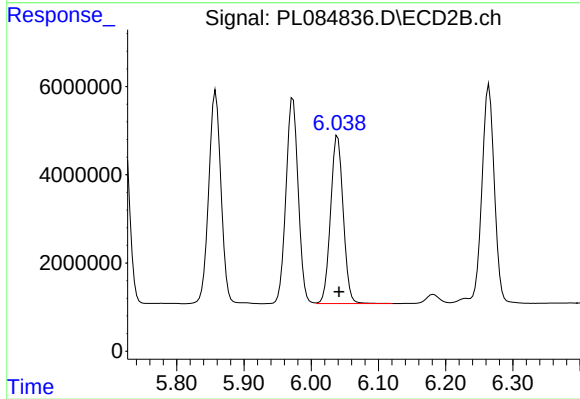
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 58840579  
Conc: 50.70 ng/ml



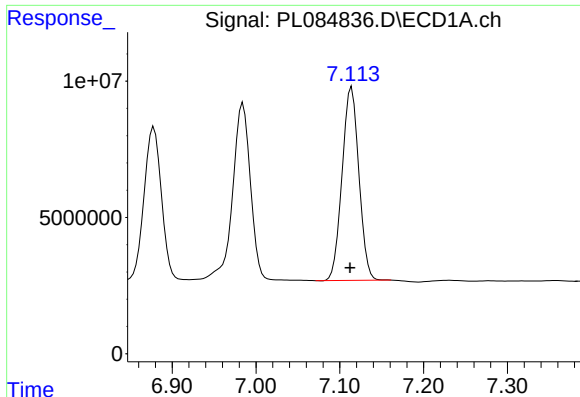
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.003 min  
Response: 80655362  
Conc: 47.81 ng/ml



#18 Endrin aldehyde

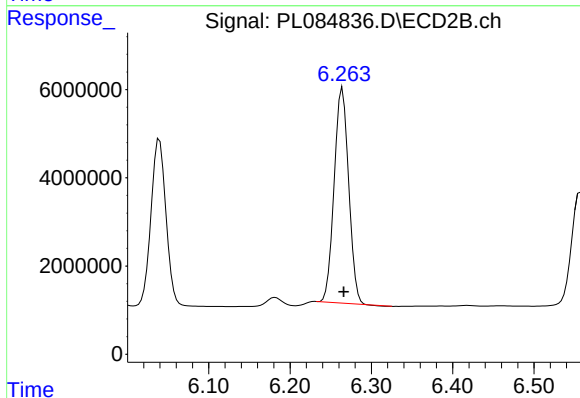
R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 49155778  
Conc: 49.56 ng/ml



#19 Endosulfan Sulfate

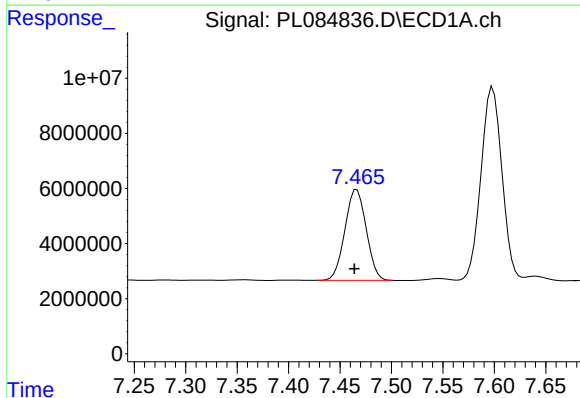
R.T.: 7.114 min  
Delta R.T.: 0.002 min  
Response: 98805619  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



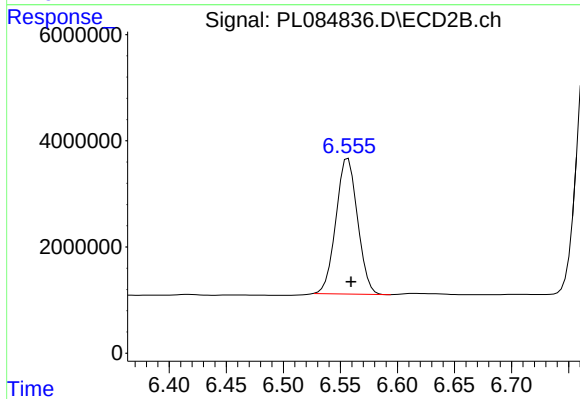
#19 Endosulfan Sulfate

R.T.: 6.265 min  
Delta R.T.: -0.001 min  
Response: 60351945  
Conc: 50.75 ng/ml



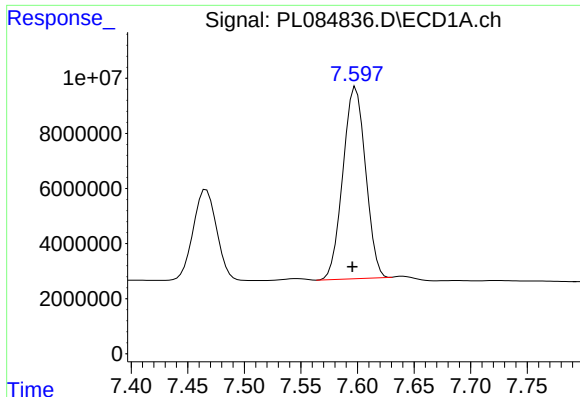
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.002 min  
Response: 47630749  
Conc: 49.63 ng/ml



#20 Methoxychlor

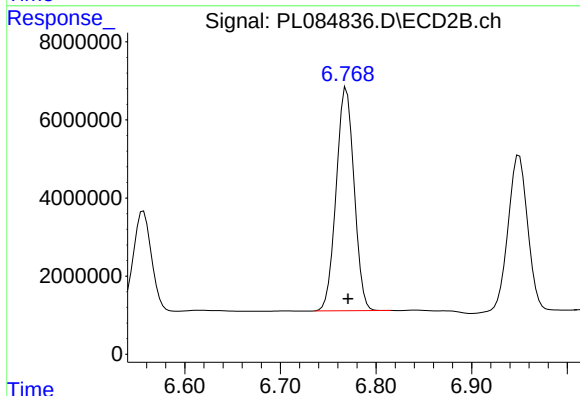
R.T.: 6.557 min  
Delta R.T.: -0.003 min  
Response: 33711568  
Conc: 49.14 ng/ml



#21 Endrin ketone

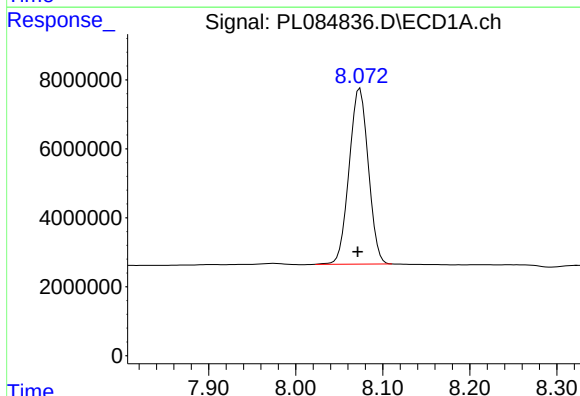
R.T.: 7.599 min  
Delta R.T.: 0.003 min  
Response: 97116722  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



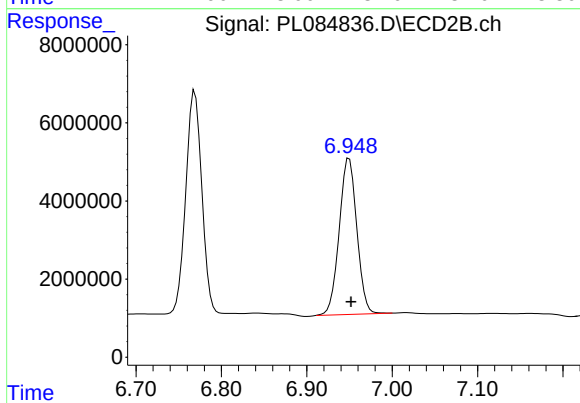
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 74410571  
Conc: 51.57 ng/ml



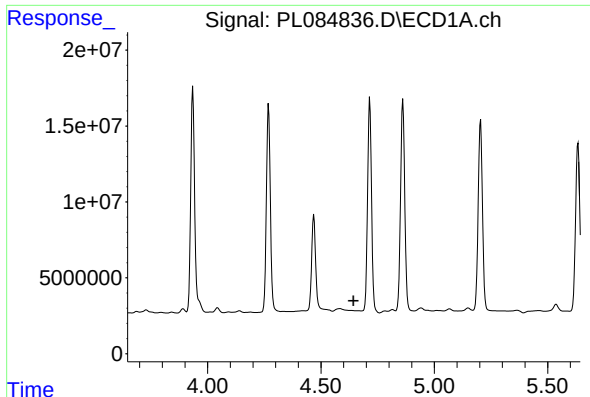
#22 Mirex

R.T.: 8.074 min  
Delta R.T.: 0.002 min  
Response: 78112042  
Conc: 47.03 ng/ml



#22 Mirex

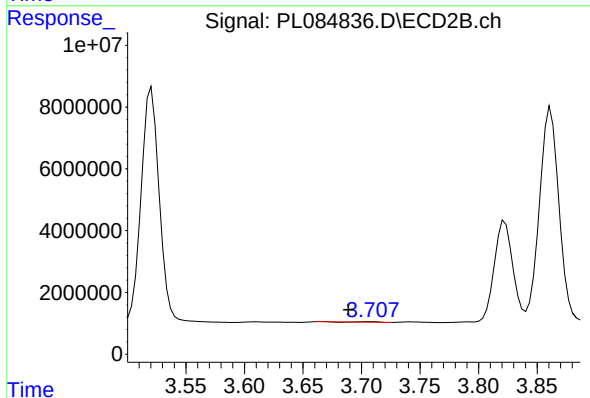
R.T.: 6.950 min  
Delta R.T.: -0.002 min  
Response: 57297338  
Conc: 49.68 ng/ml



#23 Chlordane-1

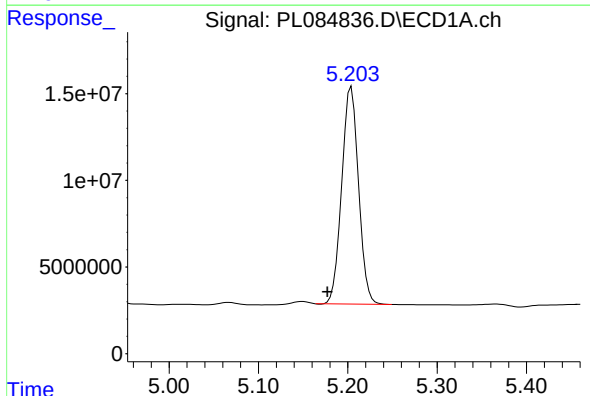
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



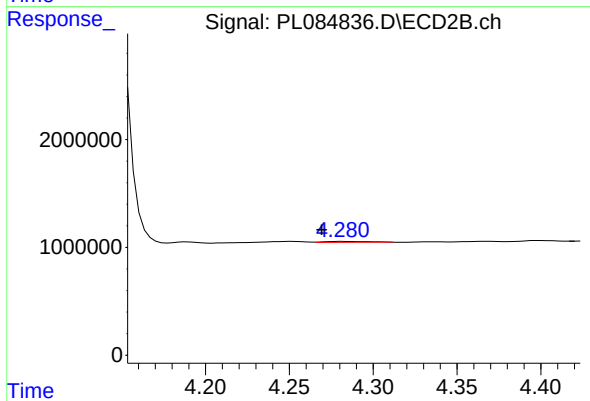
#23 Chlordane-1

R.T.: 3.709 min  
Delta R.T.: 0.020 min  
Response: 170203  
Conc: 4.44 ng/ml



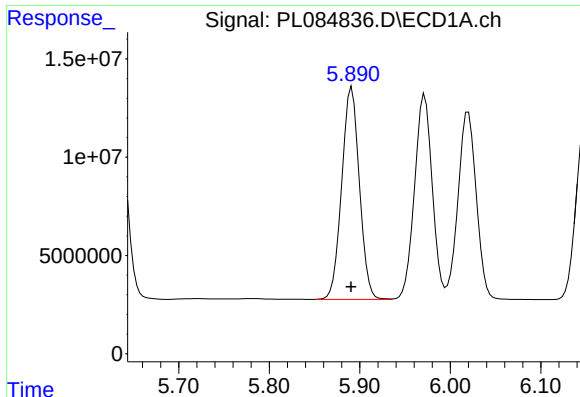
#24 Chlordane-2

R.T.: 5.204 min  
Delta R.T.: 0.027 min  
Response: 163707843  
Conc: 1433.92 ng/ml



#24 Chlordane-2

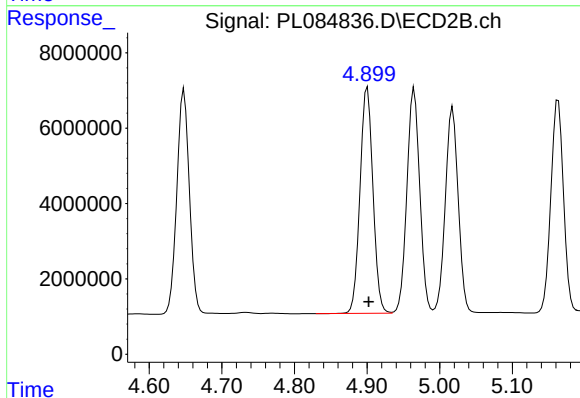
R.T.: 4.282 min  
Delta R.T.: 0.013 min  
Response: 155157  
Conc: 3.10 ng/ml



#25 Chlordane-3

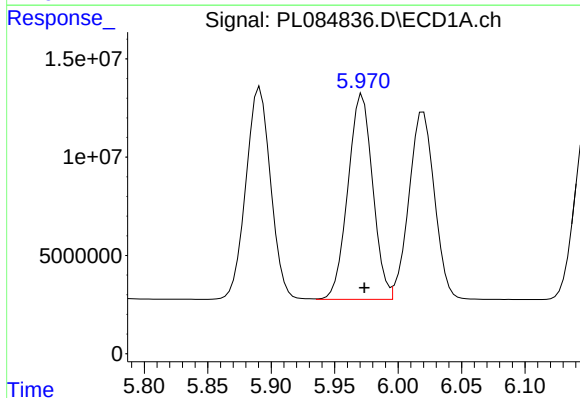
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 146371825  
Conc: 362.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



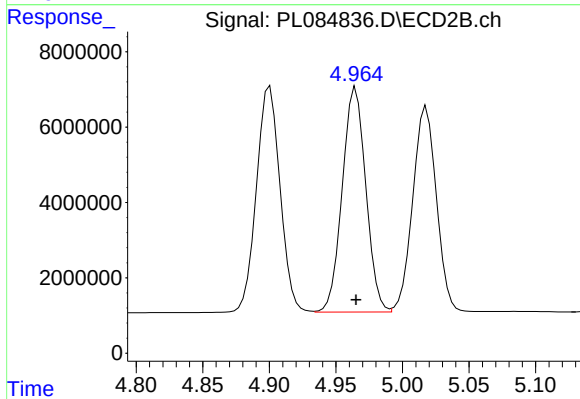
#25 Chlordane-3

R.T.: 4.900 min  
Delta R.T.: -0.002 min  
Response: 74151567  
Conc: 535.28 ng/ml



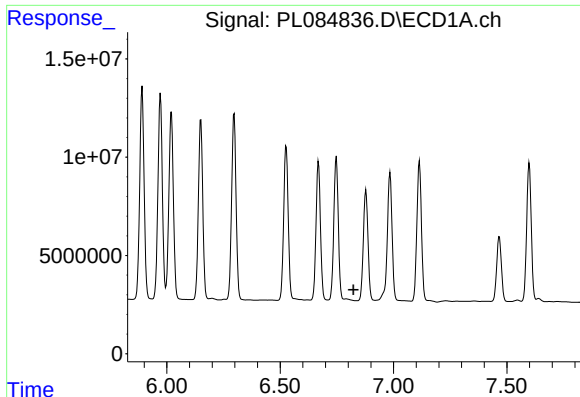
#26 Chlordane-4

R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 141761779  
Conc: 292.66 ng/ml



#26 Chlordane-4

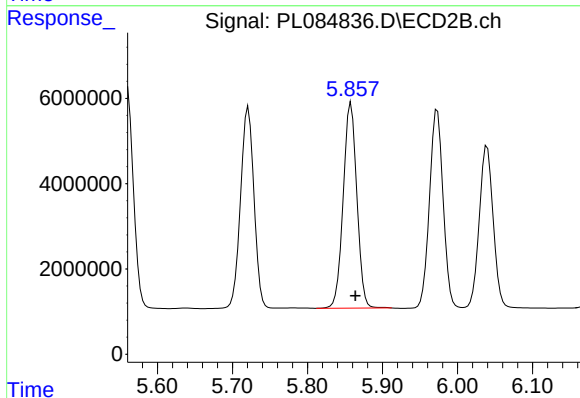
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 73542335  
Conc: 512.39 ng/ml



#27 Chlordane-5

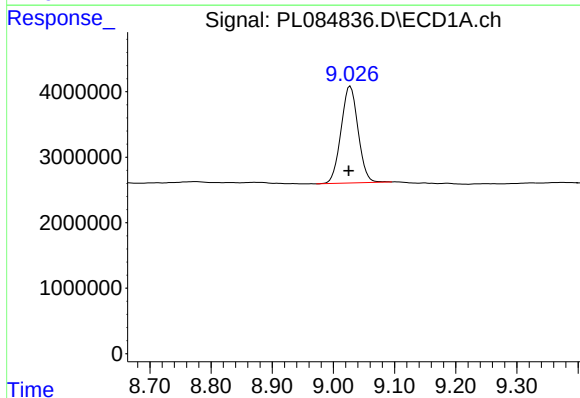
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



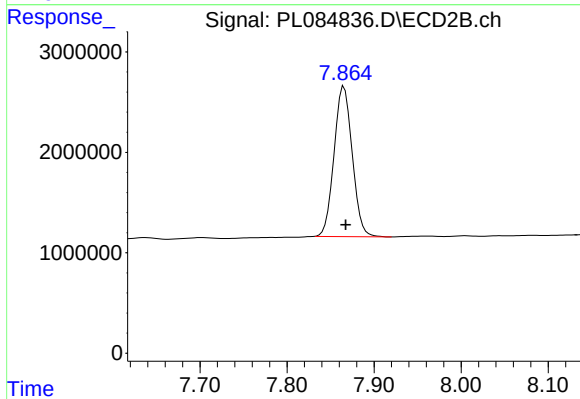
#27 Chlordane-5

R.T.: 5.858 min  
Delta R.T.: -0.006 min  
Response: 60825159  
Conc: 1194.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.003 min  
Response: 28587661  
Conc: 17.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.002 min  
Response: 21730566  
Conc: 17.43 ng/ml