

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081623\  
 Data File : PL084779.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2023 18:42  
 Operator : AR\AJ  
 Sample : 04014-03MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 00:20:11 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... | 3.478  | 2.686  | 43375239 | 20182066 | 18.668  | 18.560     |
| 28)                         | SA Decachlor... | 9.028  | 7.866  | 27058757 | 20062382 | 16.630  | 16.091     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.935  | 3.190  | 156.2E6  | 80998256 | 47.326  | 52.457     |
| 3)                          | MA gamma-BHC... | 4.269  | 3.521  | 146.9E6  | 74554261 | 46.040  | 49.064     |
| 4)                          | MA Heptachlor   | 4.861  | 3.862  | 164.7E6  | 74966921 | 48.974  | 52.640     |
| 5)                          | MB Aldrin       | 5.204  | 4.142  | 145.0E6  | 73242147 | 43.871  | 50.394     |
| 6)                          | B beta-BHC      | 4.469  | 3.823  | 65358129 | 32837896 | 46.787  | 49.010     |
| 7)                          | B delta-BHC     | 4.715  | 4.051  | 150.9E6  | 74803782 | 46.789  | 49.271     |
| 8)                          | B Heptachlo...  | 5.634  | 4.648  | 136.5E6  | 66129721 | 45.317  | 49.841     |
| 9)                          | A Endosulfan I  | 6.020  | 5.018  | 119.4E6  | 60391932 | 45.361  | 48.731     |
| 10)                         | B gamma-Chl...  | 5.891  | 4.901  | 129.2E6  | 67945211 | 45.122  | 50.097     |
| 11)                         | B alpha-Chl...  | 5.971  | 4.965  | 124.6E6  | 66813123 | 44.145  | 49.037     |
| 12)                         | B 4,4'-DDE      | 6.150  | 5.163  | 104.3E6  | 62674938 | 45.450  | 50.895     |
| 13)                         | MA Dieldrin     | 6.296  | 5.285  | 114.0E6  | 66009988 | 43.136  | 48.616     |
| 14)                         | MA Endrin       | 6.527  | 5.561  | 95940285 | 60668846 | 43.989  | 49.598     |
| 15)                         | B Endosulfa...  | 6.747  | 5.858  | 87130342 | 55078263 | 41.196  | 45.648     |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.721  | 82018799 | 51902827 | 48.920  | 50.233     |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.973  | 86299588 | 54824420 | 46.058  | 47.240     |
| 18)                         | B Endrin al...  | 6.878  | 6.040  | 72798626 | 44516702 | 43.154  | 44.887     |
| 19)                         | B Endosulfa...  | 7.114  | 6.265  | 87074473 | 54079871 | 43.588  | 45.476     |
| 20)                         | A Methoxychlor  | 7.466  | 6.558  | 43380012 | 30895649 | 45.202  | 45.031     |
| 21)                         | B Endrin ke...  | 7.598  | 6.769  | 85039101 | 65463921 | 42.510  | 45.372     |
| 22)                         | Mirex           | 8.074  | 6.949  | 70964624 | 51124628 | 42.729  | 44.330     |
| 23)                         | Chlordane-1     | 0.000  | 3.711f | 0        | 1124133  | N.D.    | 29.328 #   |
| 24)                         | Chlordane-2     | 5.153f | 4.288f | 654540   | 877346   | 5.733   | 17.516 #   |
| 25)                         | Chlordane-3     | 5.891  | 4.901  | 129.2E6  | 67945211 | 320.355 | 490.482 #  |
| 26)                         | Chlordane-4     | 5.971  | 4.965  | 124.6E6  | 66813123 | 257.294 | 465.510 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.858  | 0        | 55078263 | N.D.    | 1081.429 # |
| -----                       |                 |        |        |          |          |         |            |

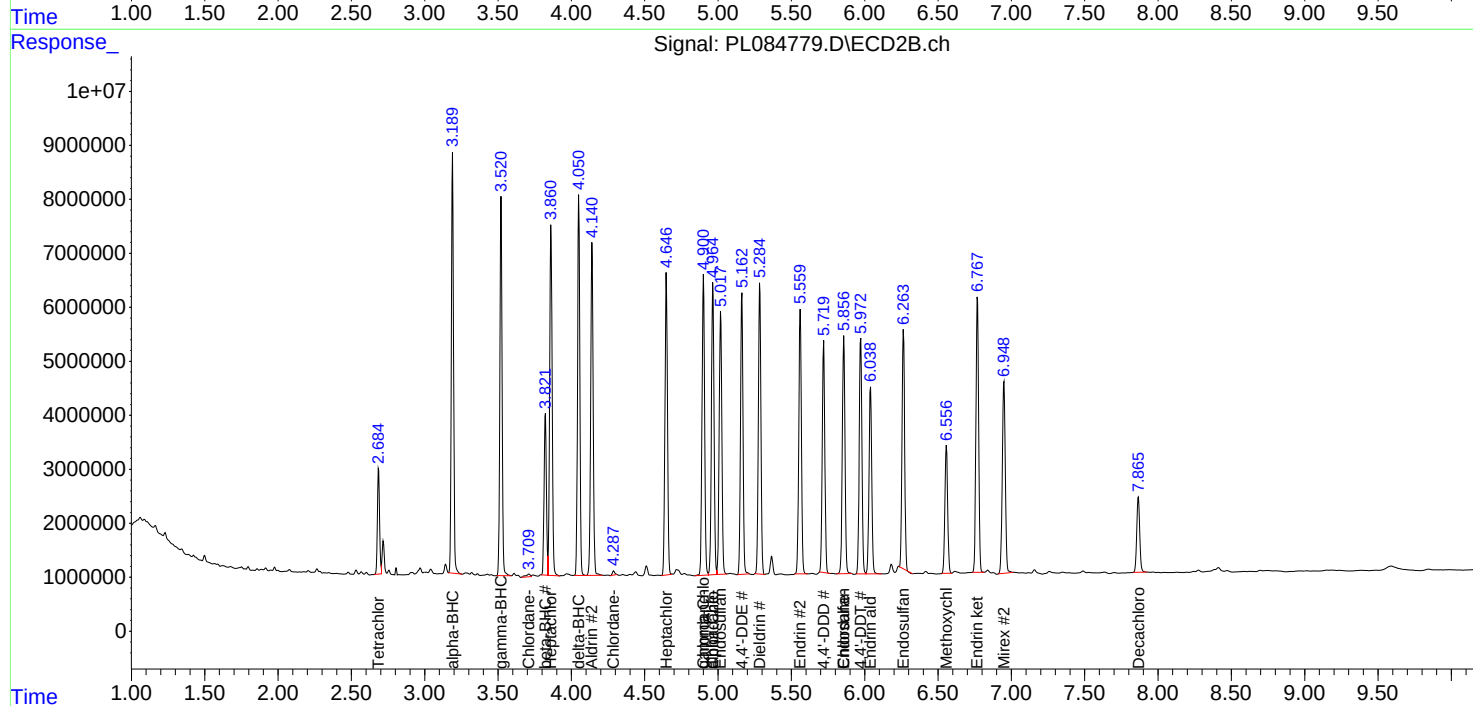
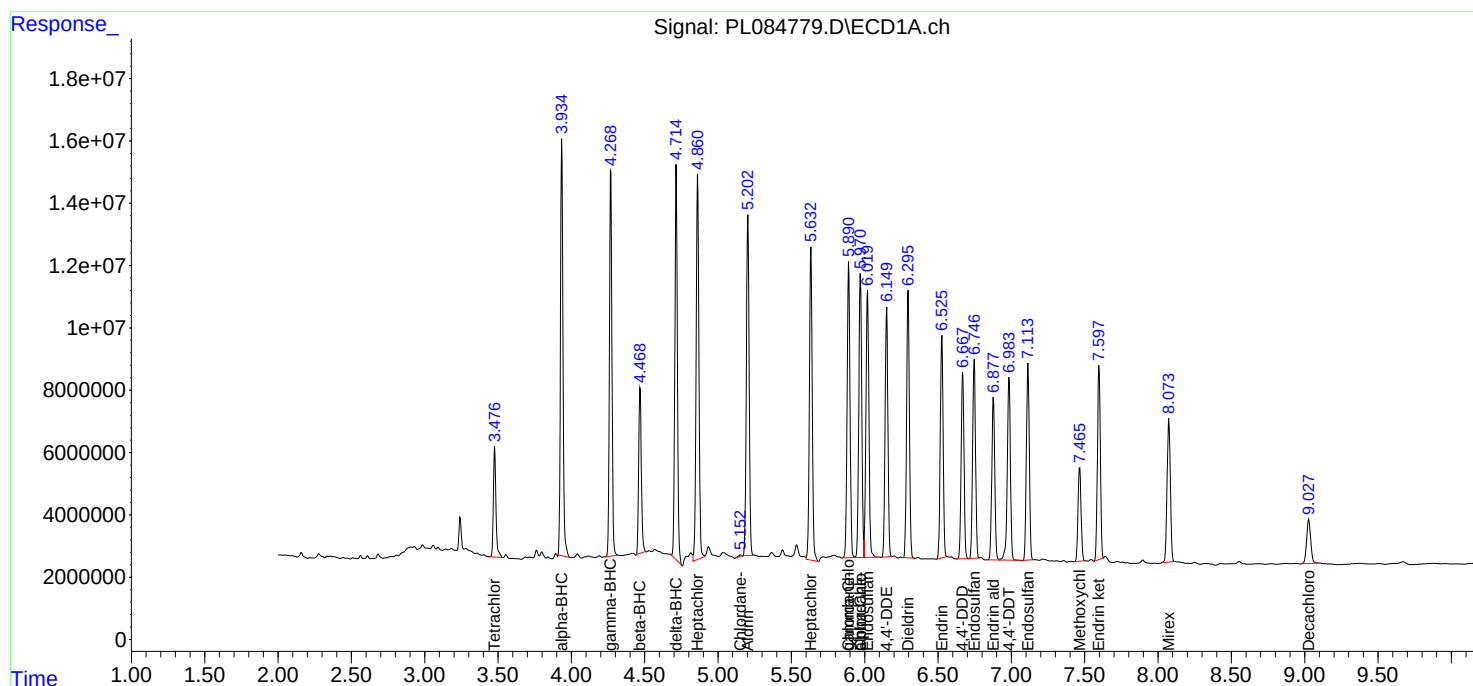
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

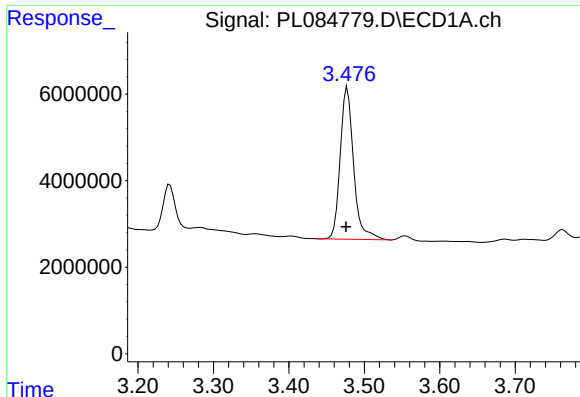
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081623\  
Data File : PL084779.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2023 18:42  
Operator : AR\AJ  
Sample : 04014-03MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 00:20:11 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

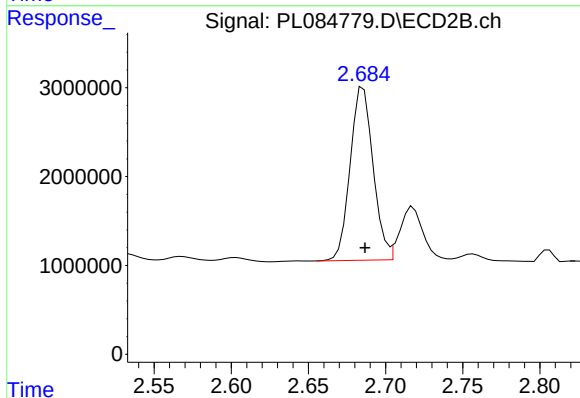




#1 Tetrachloro-m-xylene

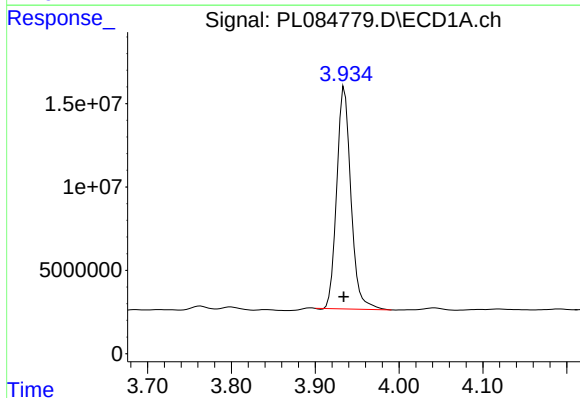
R.T.: 3.478 min  
Delta R.T.: 0.002 min  
Response: 43375239  
Conc: 18.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



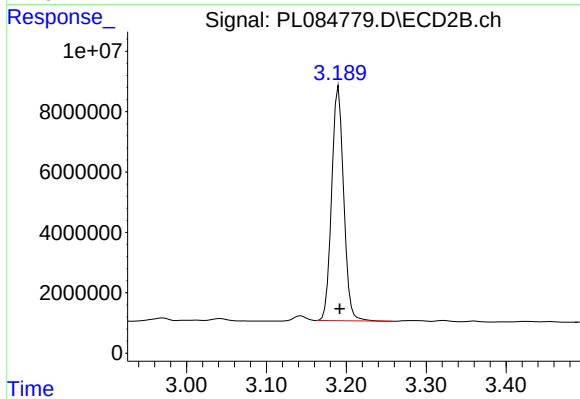
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: -0.001 min  
Response: 20182066  
Conc: 18.56 ng/ml



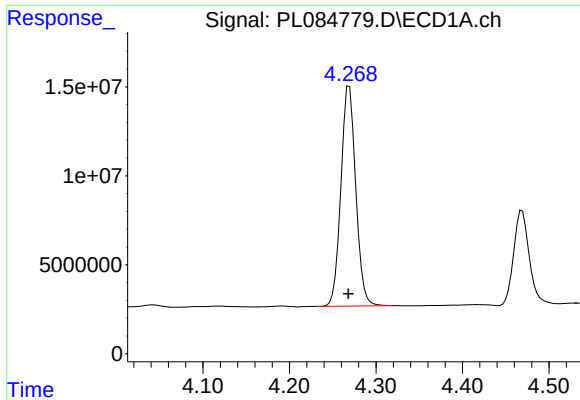
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.001 min  
Response: 156242404  
Conc: 47.33 ng/ml



#2 alpha-BHC

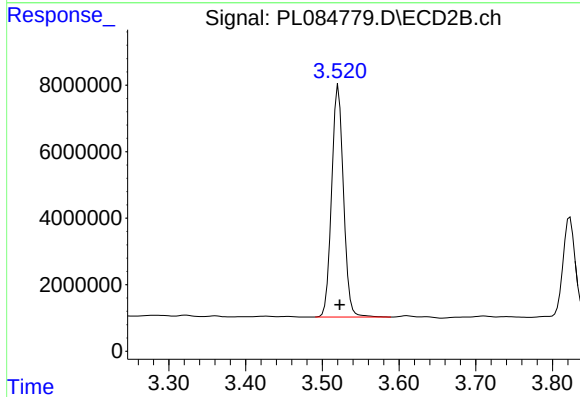
R.T.: 3.190 min  
Delta R.T.: -0.001 min  
Response: 80998256  
Conc: 52.46 ng/ml



#3 gamma-BHC (Lindane)

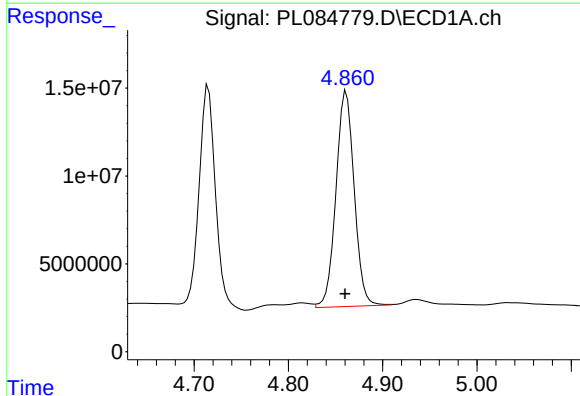
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 146866817  
Conc: 46.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



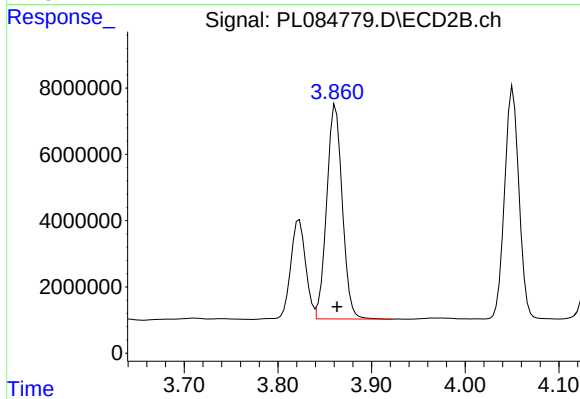
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: -0.002 min  
Response: 74554261  
Conc: 49.06 ng/ml



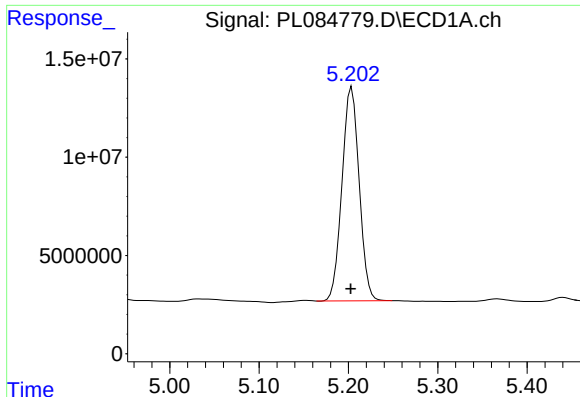
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.001 min  
Response: 164691705  
Conc: 48.97 ng/ml



#4 Heptachlor

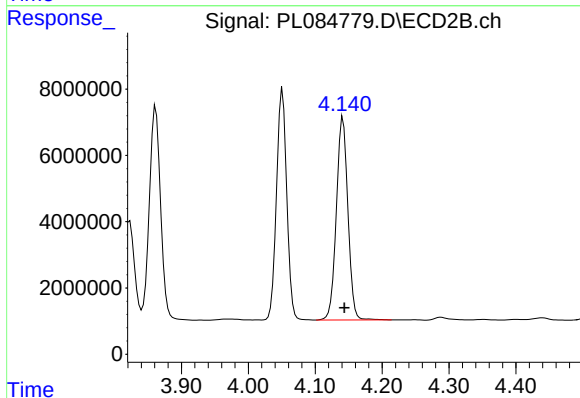
R.T.: 3.862 min  
Delta R.T.: -0.002 min  
Response: 74966921  
Conc: 52.64 ng/ml



#5 Aldrin

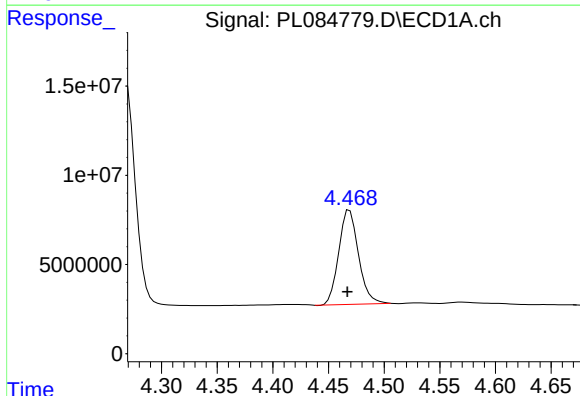
R.T.: 5.204 min  
Delta R.T.: 0.001 min  
Response: 145007902  
Conc: 43.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



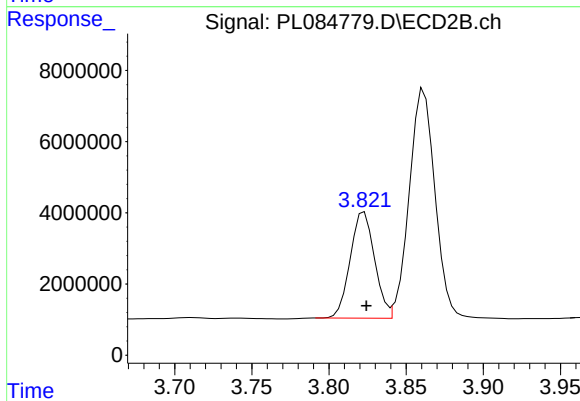
#5 Aldrin

R.T.: 4.142 min  
Delta R.T.: -0.002 min  
Response: 73242147  
Conc: 50.39 ng/ml



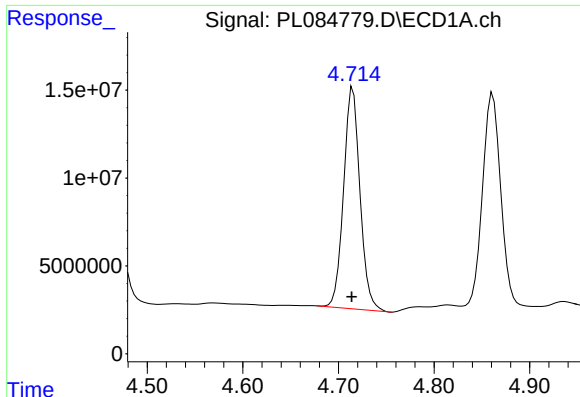
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.002 min  
Response: 65358129  
Conc: 46.79 ng/ml



#6 beta-BHC

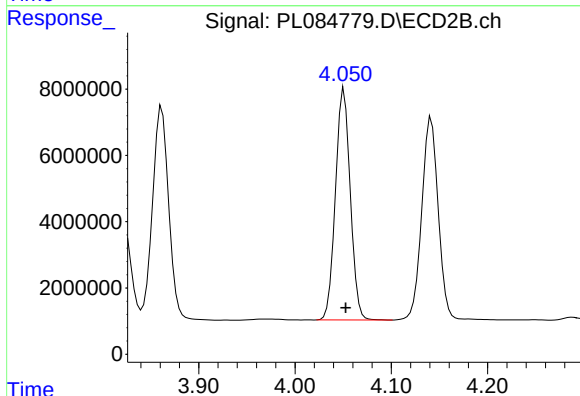
R.T.: 3.823 min  
Delta R.T.: -0.001 min  
Response: 32837896  
Conc: 49.01 ng/ml



#7 delta-BHC

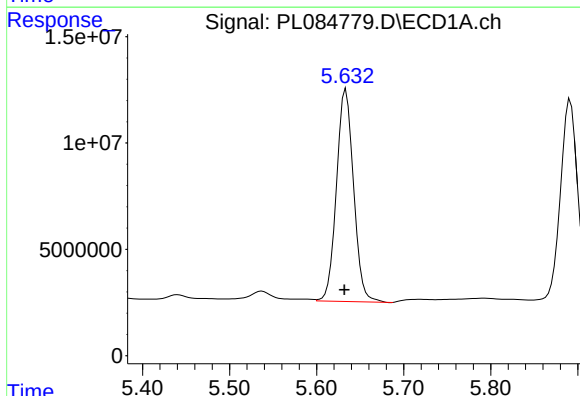
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 150882854  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



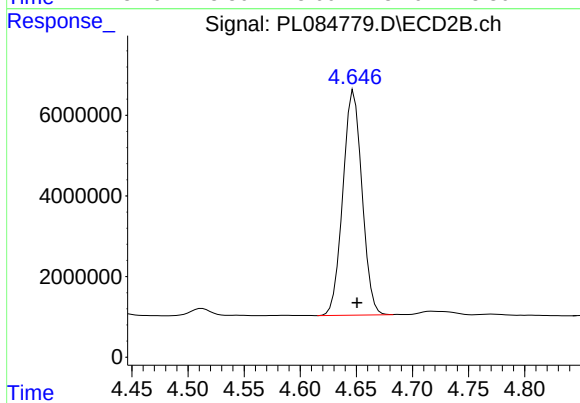
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: -0.002 min  
Response: 74803782  
Conc: 49.27 ng/ml



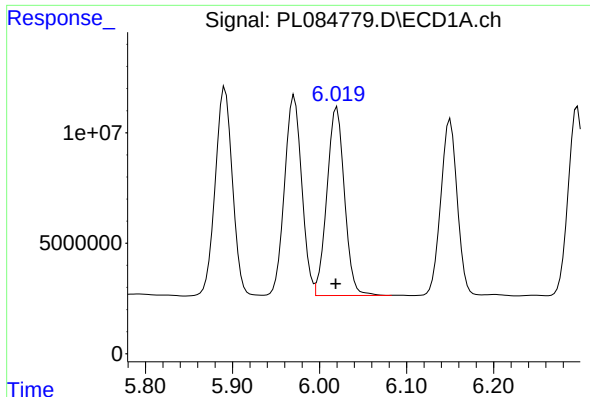
#8 Heptachlor epoxide

R.T.: 5.634 min  
Delta R.T.: 0.002 min  
Response: 136527820  
Conc: 45.32 ng/ml



#8 Heptachlor epoxide

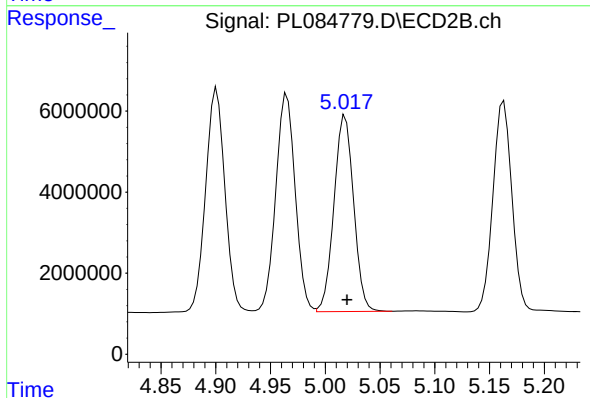
R.T.: 4.648 min  
Delta R.T.: -0.003 min  
Response: 66129721  
Conc: 49.84 ng/ml



#9 Endosulfan I

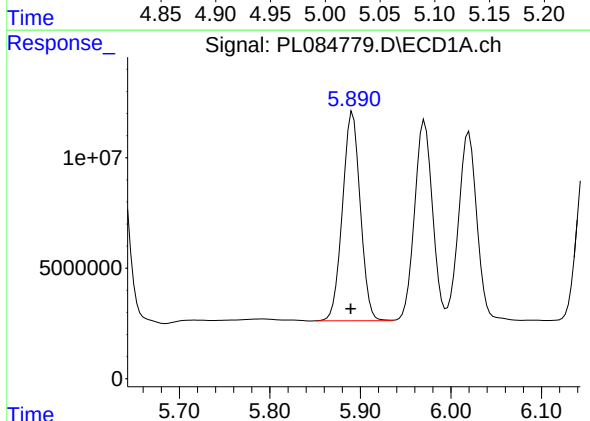
R.T.: 6.020 min  
Delta R.T.: 0.002 min  
Response: 119401290  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



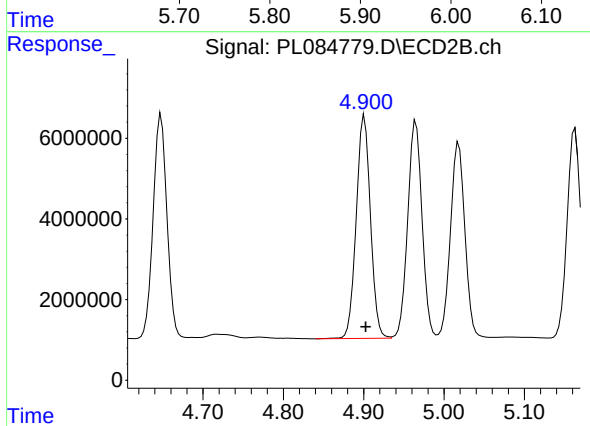
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: -0.001 min  
Response: 60391932  
Conc: 48.73 ng/ml



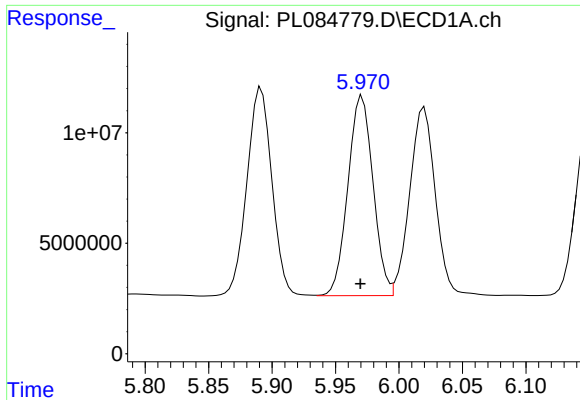
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.002 min  
Response: 129211879  
Conc: 45.12 ng/ml



#10 gamma-Chlordane

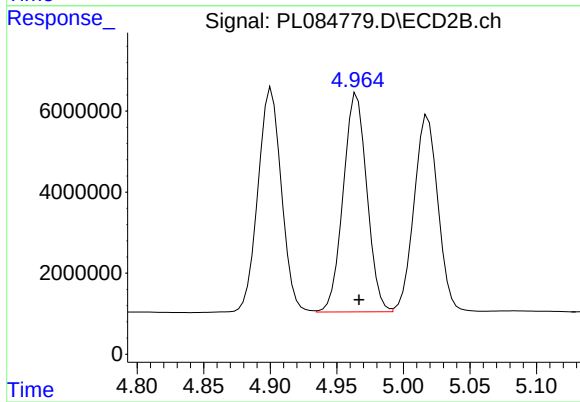
R.T.: 4.901 min  
Delta R.T.: -0.002 min  
Response: 67945211  
Conc: 50.10 ng/ml



#11 alpha-Chlordane

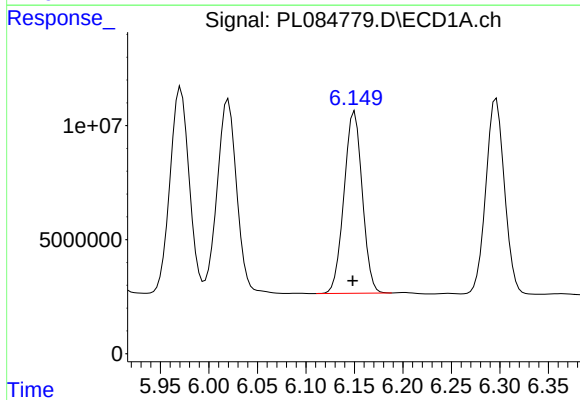
R.T.: 5.971 min  
Delta R.T.: 0.001 min  
Response: 124629260  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



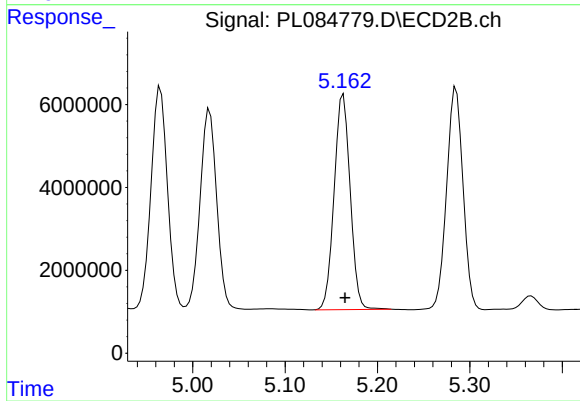
#11 alpha-Chlordane

R.T.: 4.965 min  
Delta R.T.: -0.002 min  
Response: 66813123  
Conc: 49.04 ng/ml



#12 4,4'-DDE

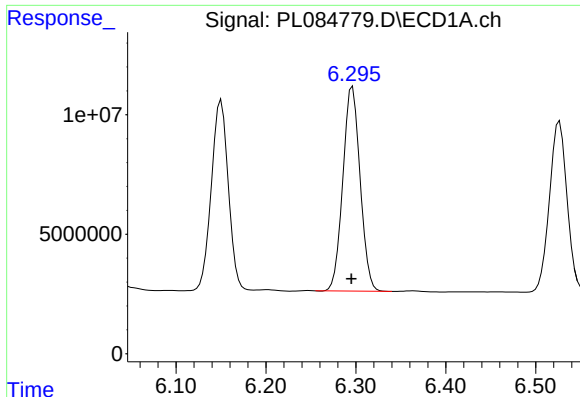
R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 104320777  
Conc: 45.45 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min  
Delta R.T.: -0.002 min  
Response: 62674938  
Conc: 50.89 ng/ml

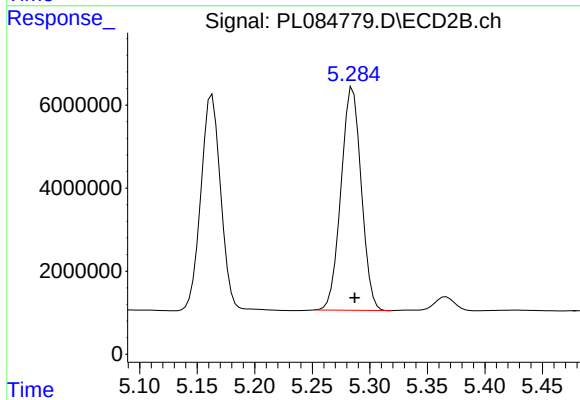




#13 Dieldrin

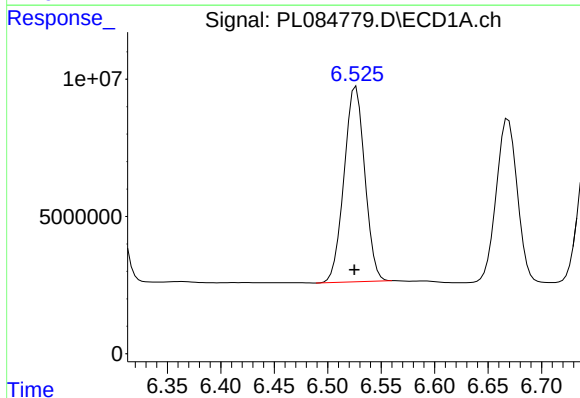
R.T.: 6.296 min  
Delta R.T.: 0.001 min  
Response: 113990964  
Conc: 43.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



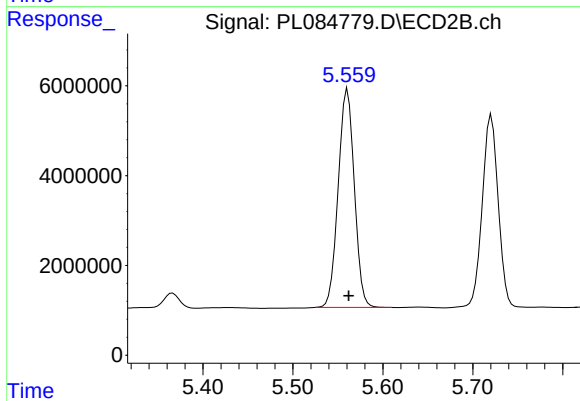
#13 Dieldrin

R.T.: 5.285 min  
Delta R.T.: -0.002 min  
Response: 66009988  
Conc: 48.62 ng/ml



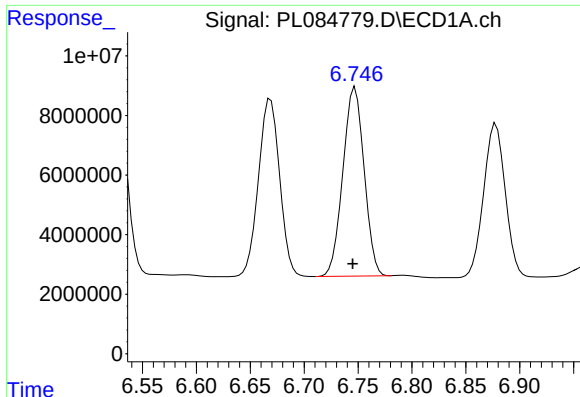
#14 Endrin

R.T.: 6.527 min  
Delta R.T.: 0.001 min  
Response: 95940285  
Conc: 43.99 ng/ml



#14 Endrin

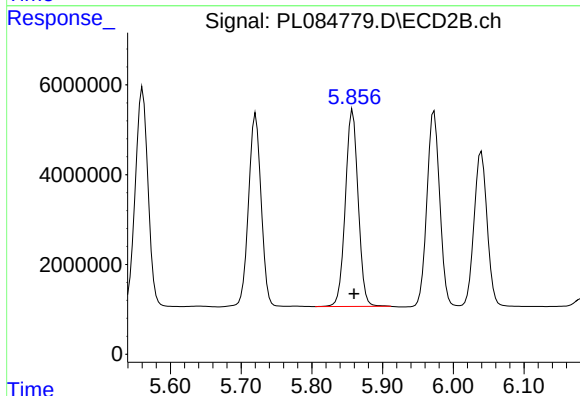
R.T.: 5.561 min  
Delta R.T.: -0.001 min  
Response: 60668846  
Conc: 49.60 ng/ml



#15 Endosulfan II

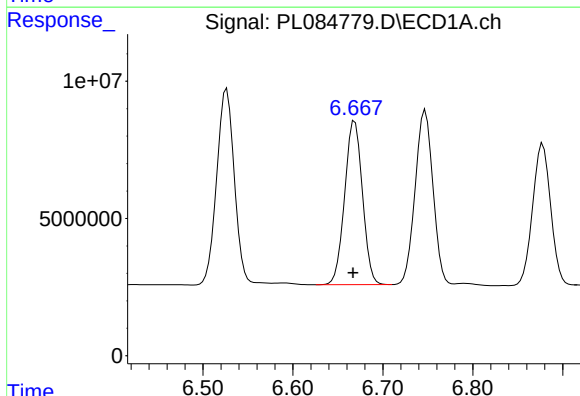
R.T.: 6.747 min  
Delta R.T.: 0.002 min  
Response: 87130342  
Conc: 41.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



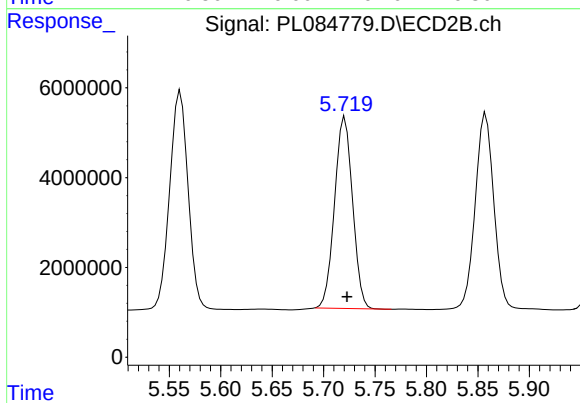
#15 Endosulfan II

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 55078263  
Conc: 45.65 ng/ml



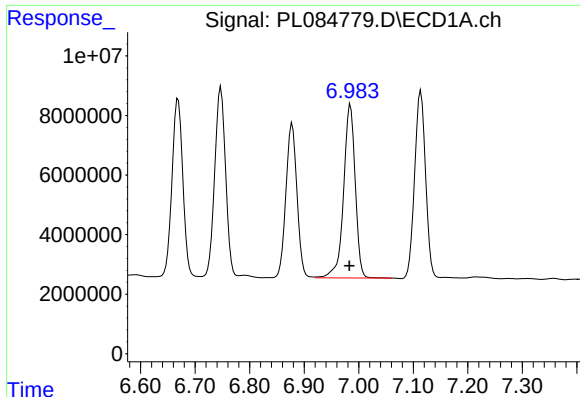
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.002 min  
Response: 82018799  
Conc: 48.92 ng/ml



#16 4,4'-DDD

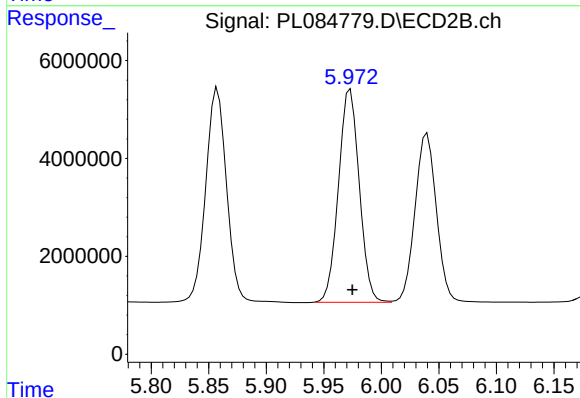
R.T.: 5.721 min  
Delta R.T.: -0.002 min  
Response: 51902827  
Conc: 50.23 ng/ml



#17 4,4'-DDT

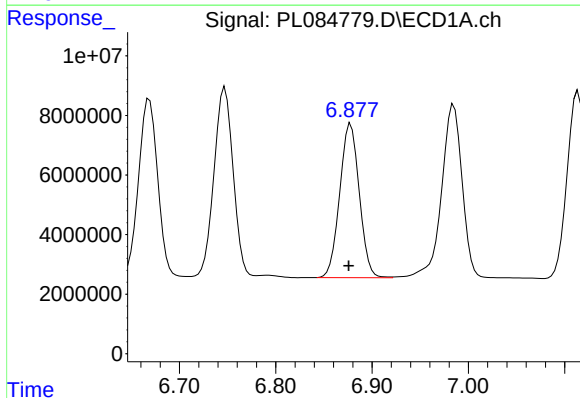
R.T.: 6.985 min  
Delta R.T.: 0.002 min  
Response: 86299588  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



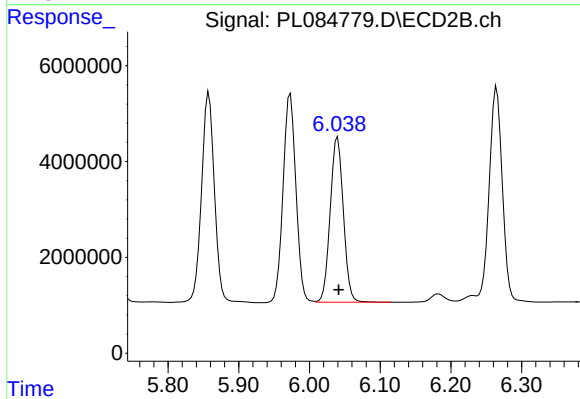
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 54824420  
Conc: 47.24 ng/ml



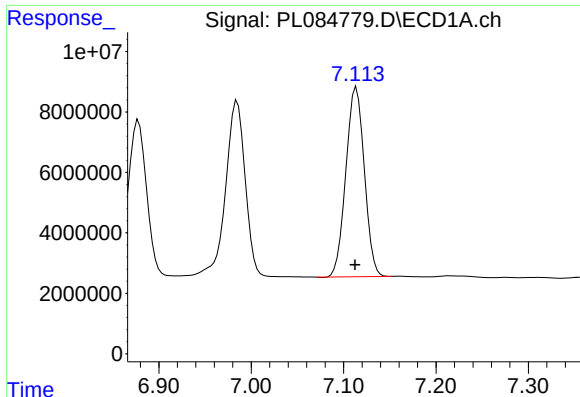
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 72798626  
Conc: 43.15 ng/ml



#18 Endrin aldehyde

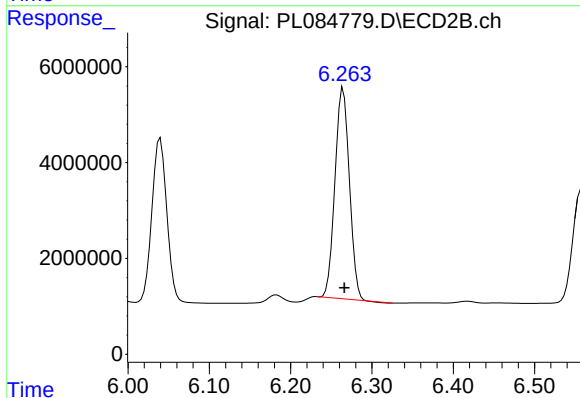
R.T.: 6.040 min  
Delta R.T.: -0.001 min  
Response: 44516702  
Conc: 44.89 ng/ml



#19 Endosulfan Sulfate

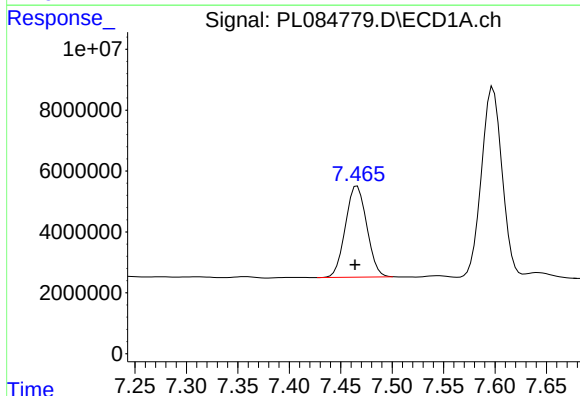
R.T.: 7.114 min  
Delta R.T.: 0.002 min  
Response: 87074473  
Conc: 43.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



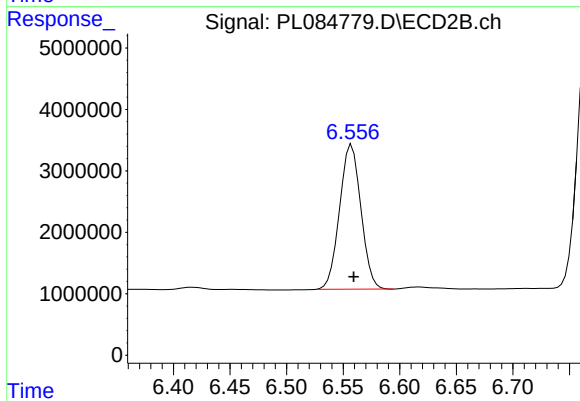
#19 Endosulfan Sulfate

R.T.: 6.265 min  
Delta R.T.: -0.001 min  
Response: 54079871  
Conc: 45.48 ng/ml



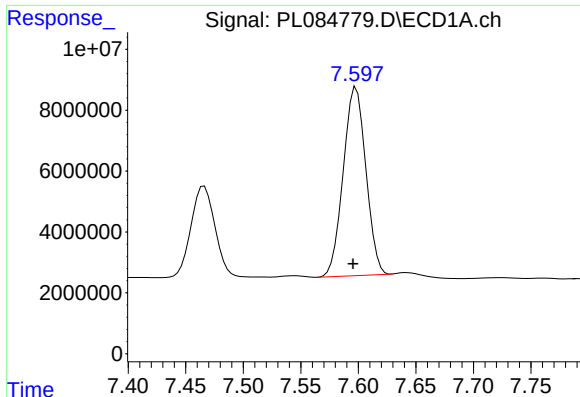
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.002 min  
Response: 43380012  
Conc: 45.20 ng/ml



#20 Methoxychlor

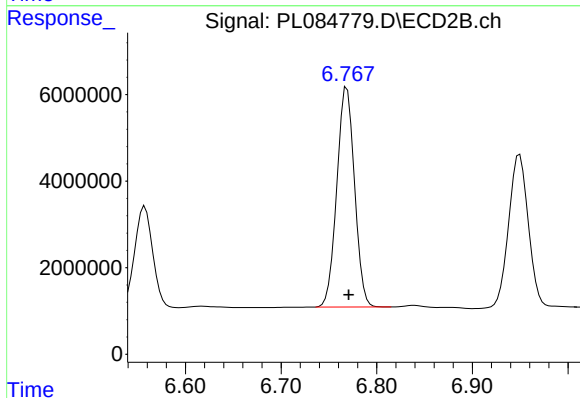
R.T.: 6.558 min  
Delta R.T.: -0.002 min  
Response: 30895649  
Conc: 45.03 ng/ml



#21 Endrin ketone

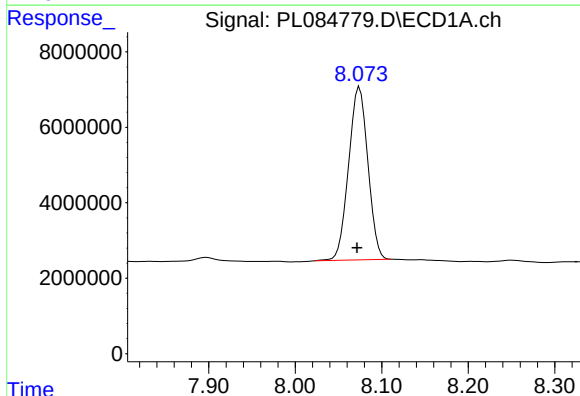
R.T.: 7.598 min  
Delta R.T.: 0.003 min  
Response: 85039101  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



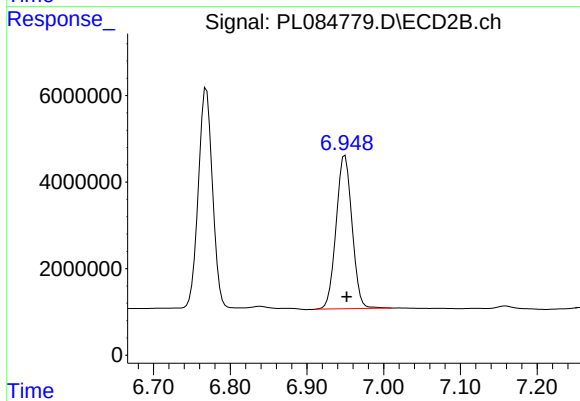
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 65463921  
Conc: 45.37 ng/ml



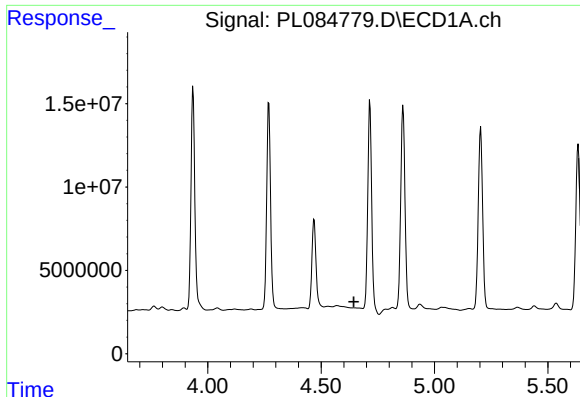
#22 Mirex

R.T.: 8.074 min  
Delta R.T.: 0.003 min  
Response: 70964624  
Conc: 42.73 ng/ml



#22 Mirex

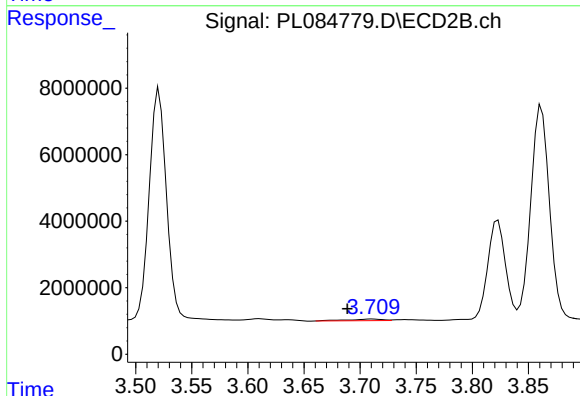
R.T.: 6.949 min  
Delta R.T.: -0.002 min  
Response: 51124628  
Conc: 44.33 ng/ml



#23 Chlordane-1

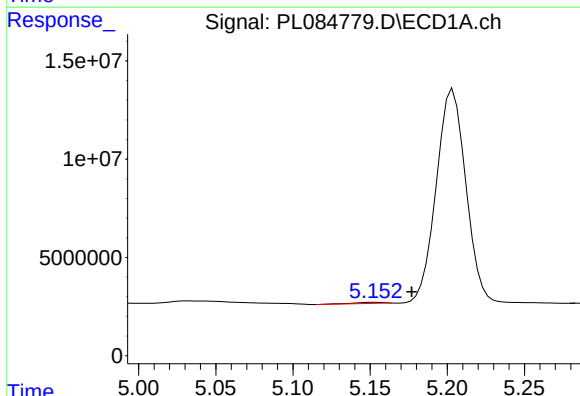
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



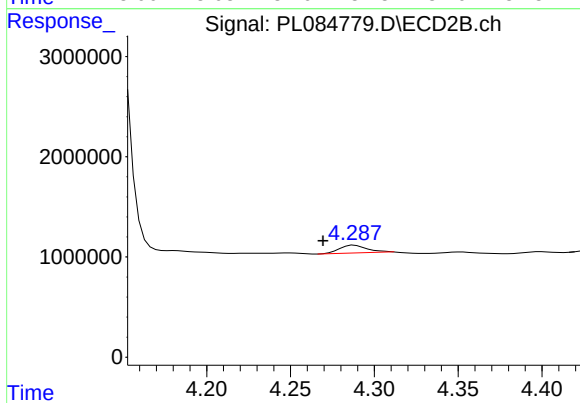
#23 Chlordane-1

R.T.: 3.711 min  
Delta R.T.: 0.023 min  
Response: 1124133  
Conc: 29.33 ng/ml



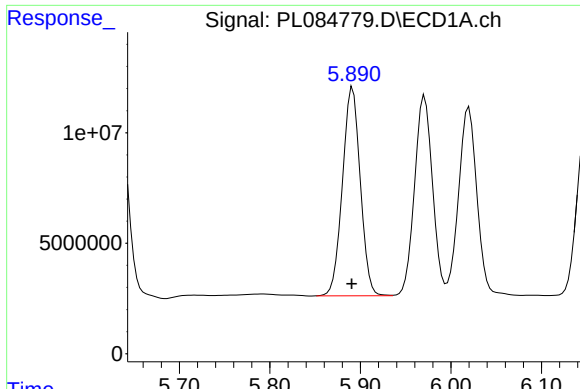
#24 Chlordane-2

R.T.: 5.153 min  
Delta R.T.: -0.024 min  
Response: 654540  
Conc: 5.73 ng/ml



#24 Chlordane-2

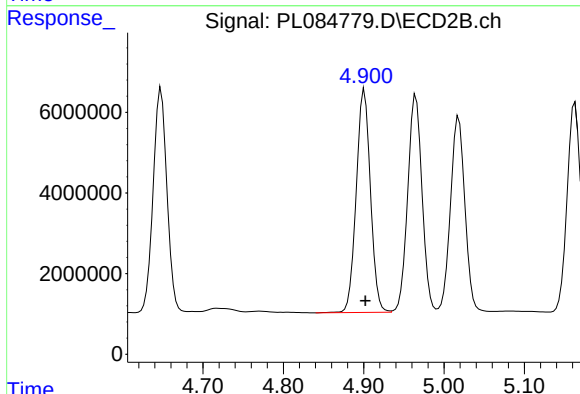
R.T.: 4.288 min  
Delta R.T.: 0.019 min  
Response: 877346  
Conc: 17.52 ng/ml



#25 Chlordane-3

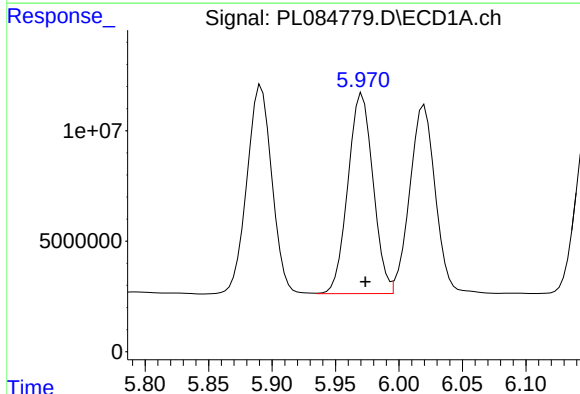
R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 129211879  
Conc: 320.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



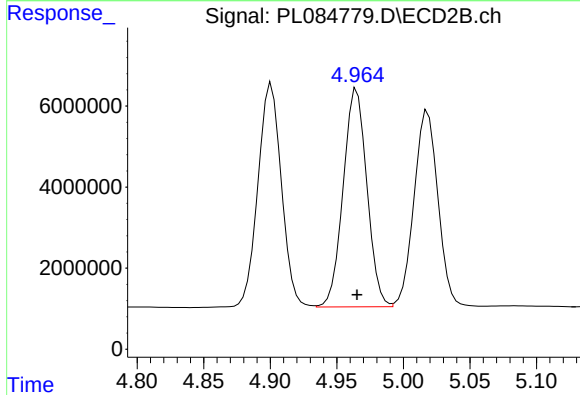
#25 Chlordane-3

R.T.: 4.901 min  
Delta R.T.: -0.001 min  
Response: 67945211  
Conc: 490.48 ng/ml



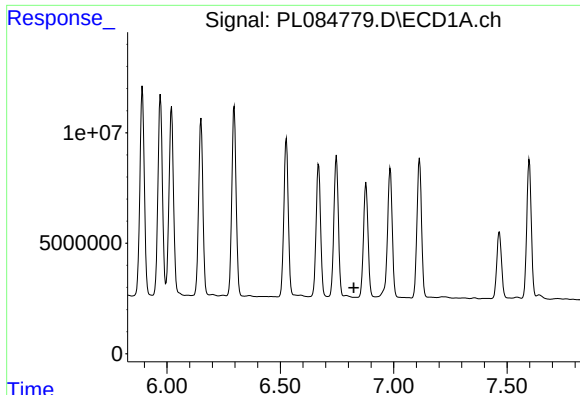
#26 Chlordane-4

R.T.: 5.971 min  
Delta R.T.: -0.002 min  
Response: 124629260  
Conc: 257.29 ng/ml



#26 Chlordane-4

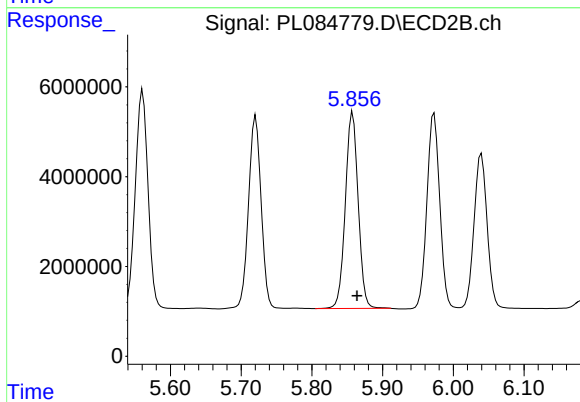
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 66813123  
Conc: 465.51 ng/ml



#27 Chlordane-5

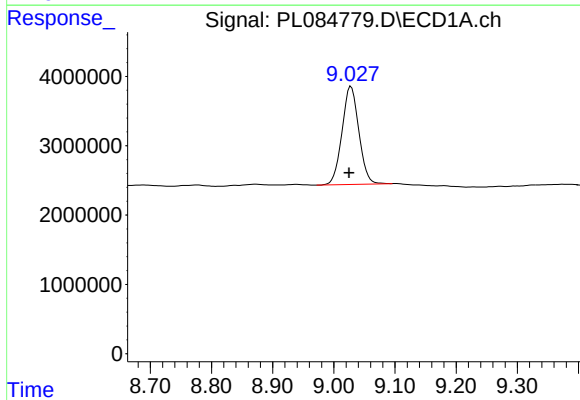
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



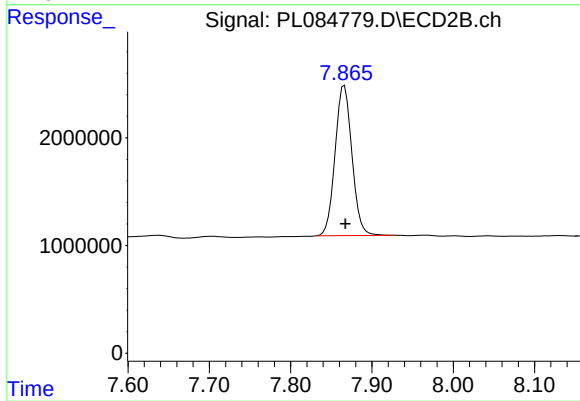
#27 Chlordane-5

R.T.: 5.858 min  
Delta R.T.: -0.006 min  
Response: 55078263  
Conc: 1081.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.003 min  
Response: 27058757  
Conc: 16.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.001 min  
Response: 20062382  
Conc: 16.09 ng/ml