

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010623\  
 Data File : PL080145.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jan 2023 13:31  
 Operator : AR\AJ  
 Sample : N6245-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 06 20:56:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 05:11:24 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

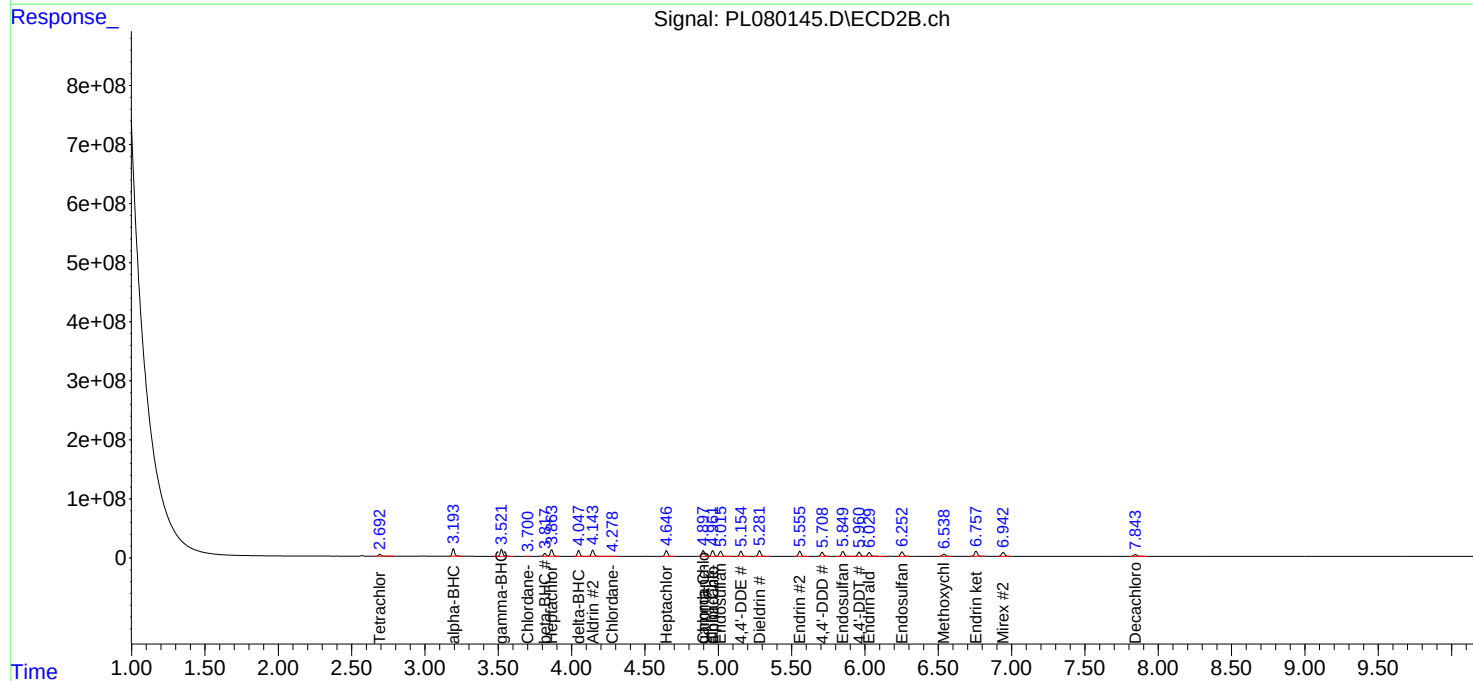
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

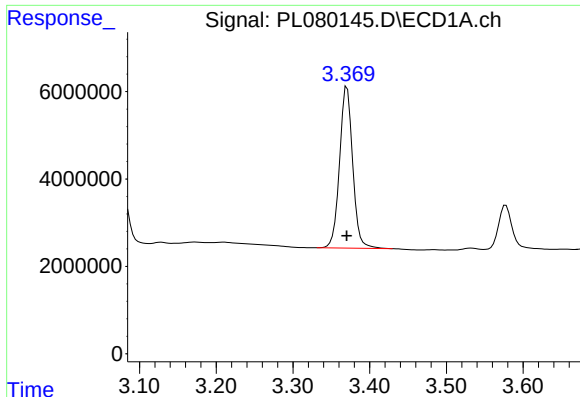
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.370  | 2.693 | 43944070 | 42246240 | 22.092   | 18.579    |
| 28)                         | SA Decachlor... | 8.882  | 7.845 | 37228443 | 44727511 | 21.698   | 19.797    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.822  | 3.195 | 154.8E6  | 151.4E6  | 54.182   | 45.198    |
| 3)                          | MA gamma-BHC... | 4.153  | 3.523 | 113.7E6  | 141.4E6  | 57.863   | 46.099    |
| 4)                          | MA Heptachlor   | 4.742  | 3.865 | 112.1E6  | 141.7E6  | 50.428   | 45.630    |
| 5)                          | MB Aldrin       | 5.082  | 4.145 | 105.3E6  | 140.0E6  | 53.066   | 47.453    |
| 6)                          | B beta-BHC      | 4.351  | 3.818 | 44013989 | 57960981 | 48.084   | 43.202    |
| 7)                          | B delta-BHC     | 4.596  | 4.048 | 91727771 | 119.2E6  | 45.668   | 40.531    |
| 8)                          | B Heptachlo...  | 5.512  | 4.647 | 93548787 | 127.2E6  | 51.413   | 46.423    |
| 9)                          | A Endosulfan I  | 5.897  | 5.017 | 86513639 | 117.9E6  | 50.417   | 45.530    |
| 10)                         | B gamma-Chl...  | 5.769  | 4.898 | 93337838 | 129.2E6  | 51.736   | 46.304    |
| 11)                         | B alpha-Chl...  | 5.849  | 4.962 | 92503813 | 128.8E6  | 51.438   | 46.091    |
| 12)                         | B 4,4'-DDE      | 6.033  | 5.155 | 82315835 | 109.9E6  | 52.292   | 47.358    |
| 13)                         | MA Dieldrin     | 6.174  | 5.282 | 91407539 | 125.9E6  | 53.399   | 48.126    |
| 14)                         | MA Endrin       | 6.404  | 5.556 | 81709073 | 112.9E6  | 53.279   | 50.174    |
| 15)                         | B Endosulfa...  | 6.626  | 5.850 | 83278097 | 109.9E6  | 54.121   | 50.610    |
| 16)                         | A 4,4'-DDD      | 6.553  | 5.709 | 69906635 | 88468373 | 53.117   | 47.941    |
| 17)                         | MA 4,4'-DDT     | 6.870  | 5.961 | 74505307 | 95006608 | 49.837   | 46.659    |
| 18)                         | B Endrin al...  | 6.757  | 6.031 | 68034843 | 90550196 | 55.986   | 51.571    |
| 19)                         | B Endosulfa...  | 6.995  | 6.254 | 83176951 | 103.7E6  | 50.861   | 46.668    |
| 20)                         | A Methoxychlor  | 7.362  | 6.540 | 45219351 | 53771048 | 50.850   | 46.917    |
| 21)                         | B Endrin ke...  | 7.478  | 6.758 | 93735389 | 116.2E6  | 52.668   | 47.693    |
| 22)                         | Mirex           | 7.955  | 6.943 | 82011568 | 100.5E6  | 52.891   | 48.687    |
| 23)                         | Chlordane-1     | 0.000  | 3.701 | 0        | 155812   | N.D.     | 2.002 #   |
| 24)                         | Chlordane-2     | 5.082f | 4.279 | 105.3E6  | 64591    | 1457.514 | 0.742 #   |
| 25)                         | Chlordane-3     | 5.769  | 4.898 | 93337838 | 129.2E6  | 373.112  | 494.025 # |
| 26)                         | Chlordane-4     | 5.849  | 4.962 | 92503813 | 128.8E6  | 299.444  | 489.299 # |
| 27)                         | Chlordane-5     | 6.684f | 0.000 | 1066632  | 0        | 16.676   | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

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

**Instrument :**  
ECD\_L  
**ClientSampleId :**

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

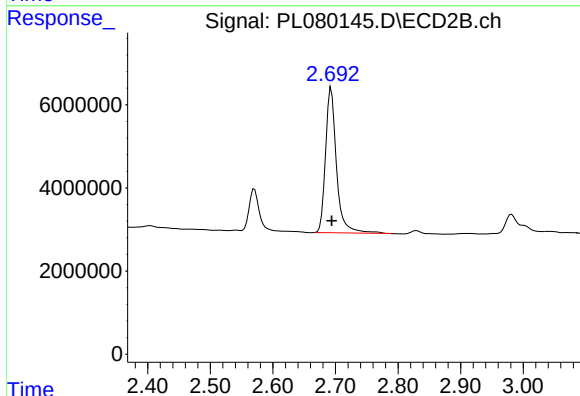




#1 Tetrachloro-m-xylene

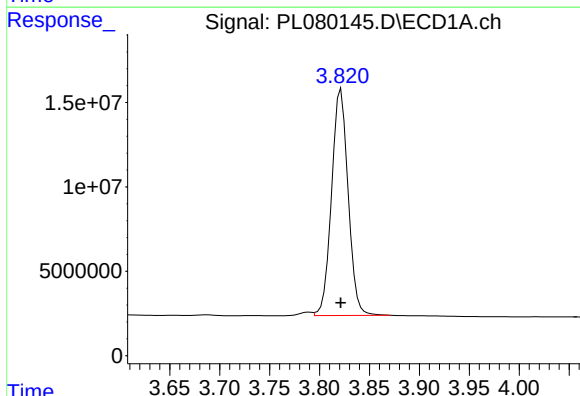
R.T.: 3.370 min  
Delta R.T.: 0.000 min  
Response: 43944070  
Conc: 22.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



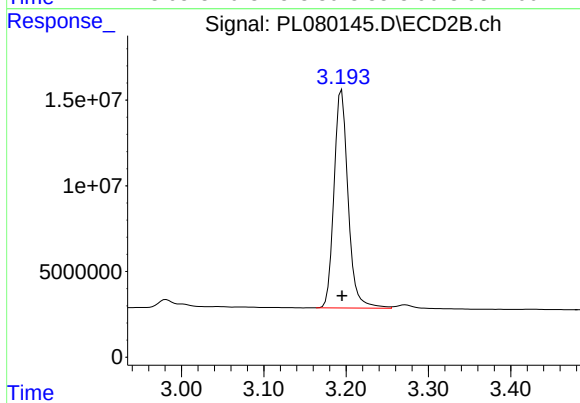
#1 Tetrachloro-m-xylene

R.T.: 2.693 min  
Delta R.T.: 0.000 min  
Response: 42246240  
Conc: 18.58 ng/ml



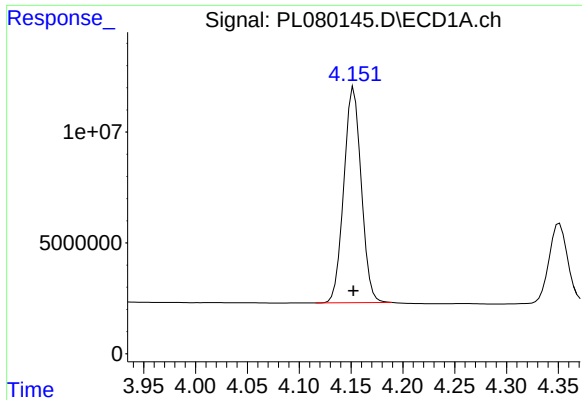
#2 alpha-BHC

R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 154801488  
Conc: 54.18 ng/ml



#2 alpha-BHC

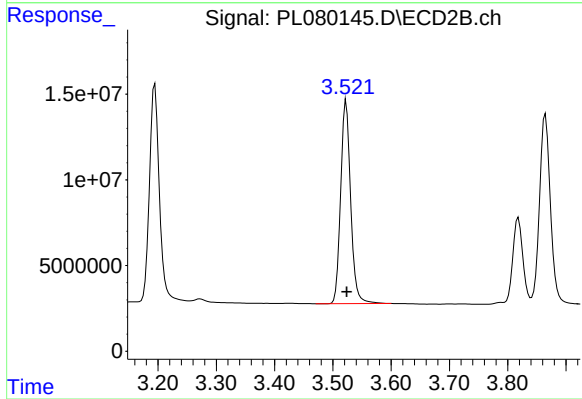
R.T.: 3.195 min  
Delta R.T.: 0.000 min  
Response: 151379714  
Conc: 45.20 ng/ml



#3 gamma-BHC (Lindane)

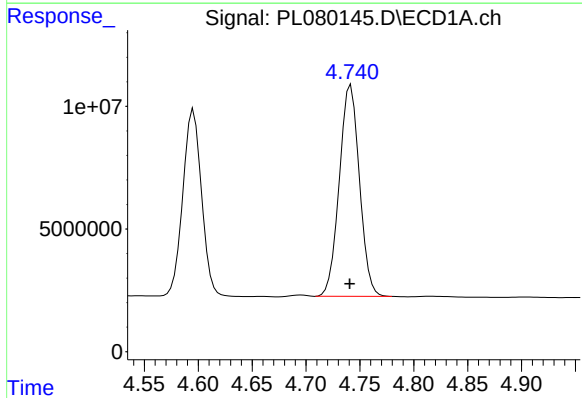
R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 113719691  
Conc: 57.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



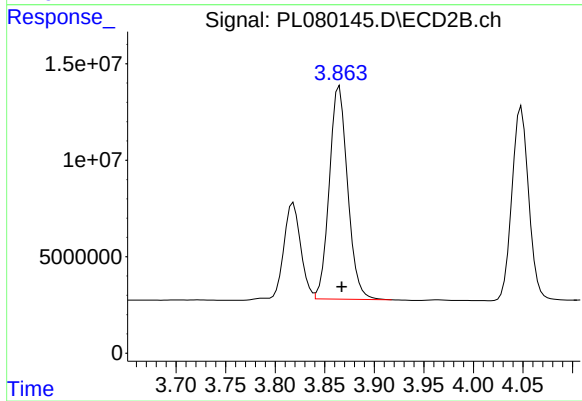
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: -0.001 min  
Response: 141371111  
Conc: 46.10 ng/ml



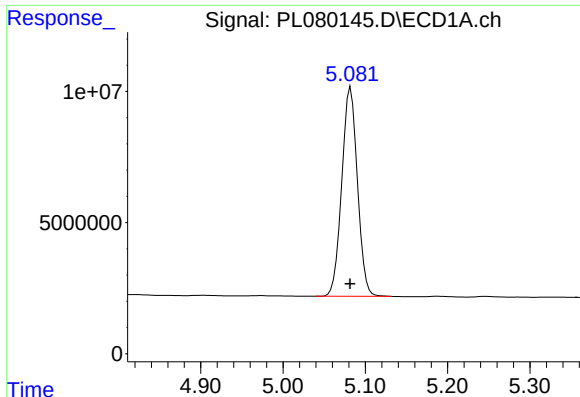
#4 Heptachlor

R.T.: 4.742 min  
Delta R.T.: 0.000 min  
Response: 112136902  
Conc: 50.43 ng/ml



#4 Heptachlor

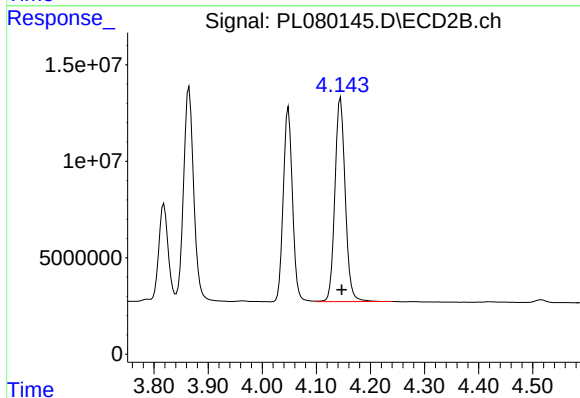
R.T.: 3.865 min  
Delta R.T.: -0.002 min  
Response: 141650135  
Conc: 45.63 ng/ml



#5 Aldrin

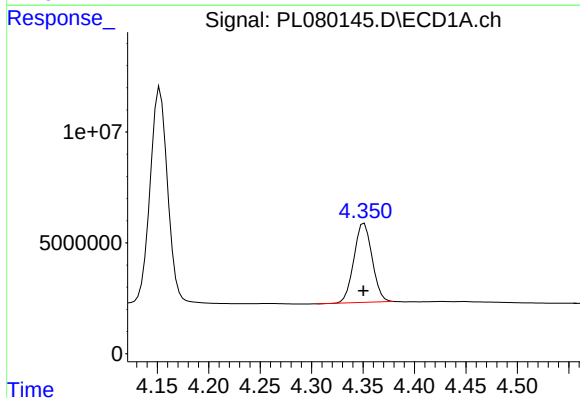
R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 105300383  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



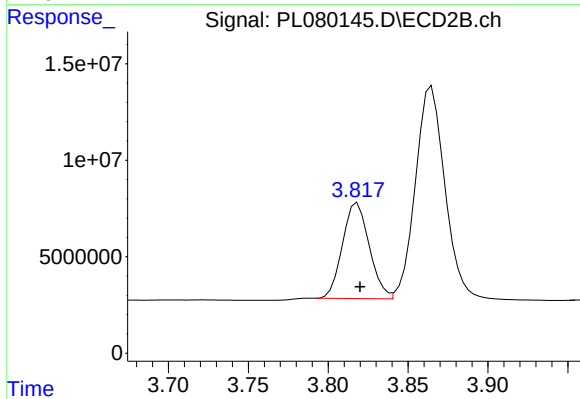
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: -0.002 min  
Response: 140032140  
Conc: 47.45 ng/ml



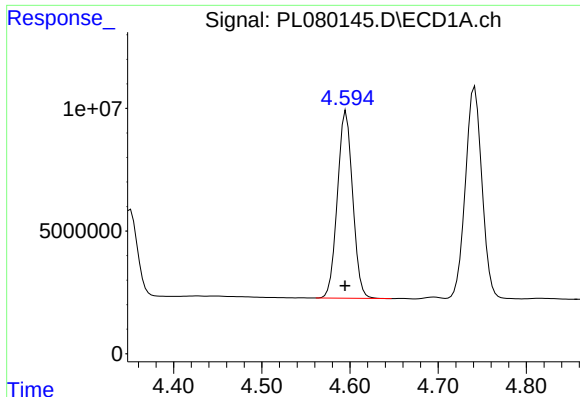
#6 beta-BHC

R.T.: 4.351 min  
Delta R.T.: 0.000 min  
Response: 44013989  
Conc: 48.08 ng/ml



#6 beta-BHC

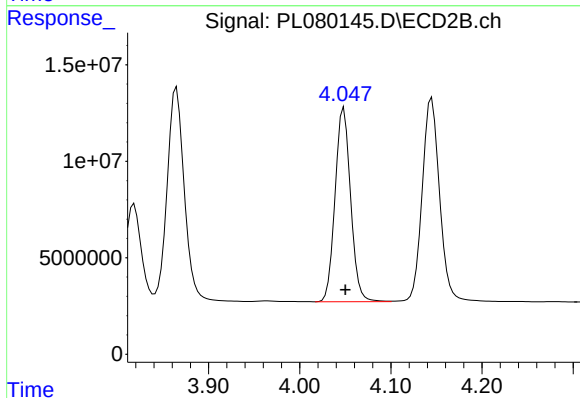
R.T.: 3.818 min  
Delta R.T.: -0.002 min  
Response: 57960981  
Conc: 43.20 ng/ml



#7 delta-BHC

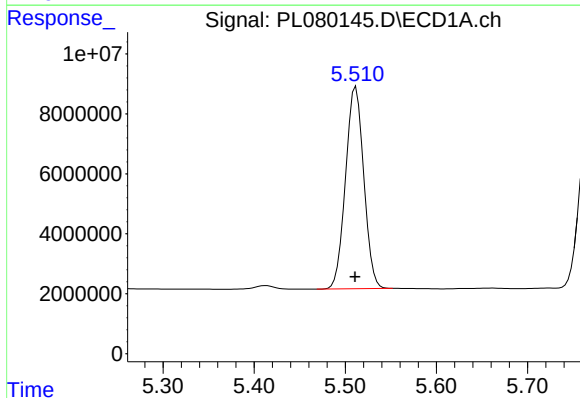
R.T.: 4.596 min  
Delta R.T.: 0.000 min  
Response: 91727771  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



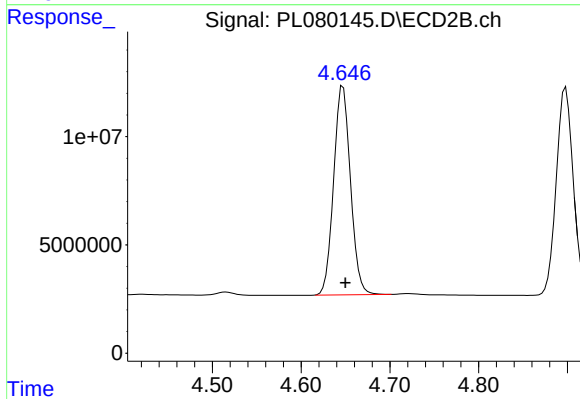
#7 delta-BHC

R.T.: 4.048 min  
Delta R.T.: -0.002 min  
Response: 119165942  
Conc: 40.53 ng/ml



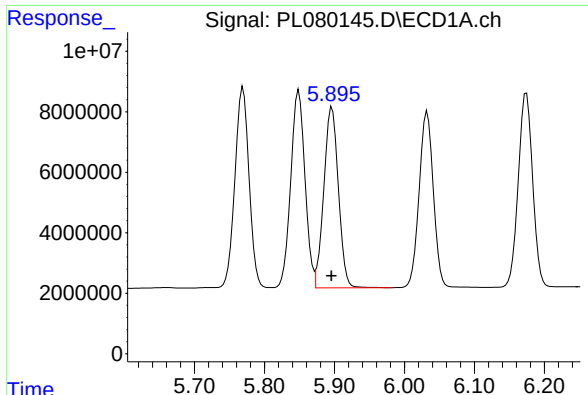
#8 Heptachlor epoxide

R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 93548787  
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

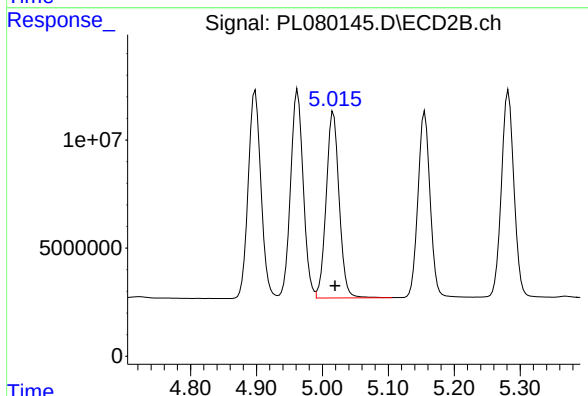
R.T.: 4.647 min  
Delta R.T.: -0.003 min  
Response: 127180528  
Conc: 46.42 ng/ml



#9 Endosulfan I

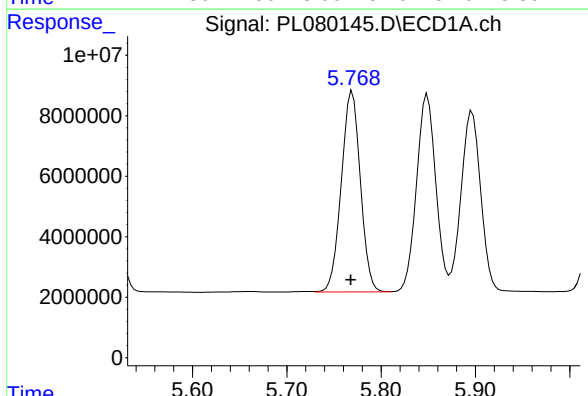
R.T.: 5.897 min  
Delta R.T.: 0.001 min  
Response: 86513639  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



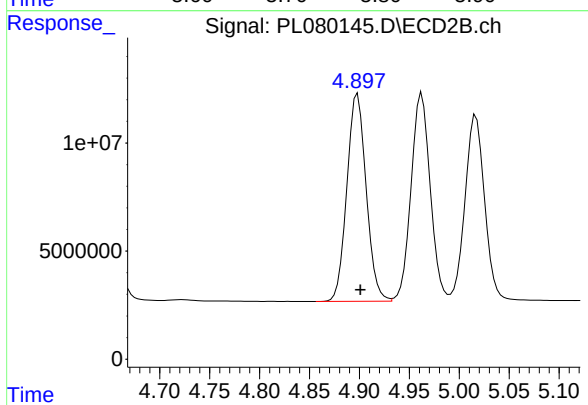
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.002 min  
Response: 117926012  
Conc: 45.53 ng/ml



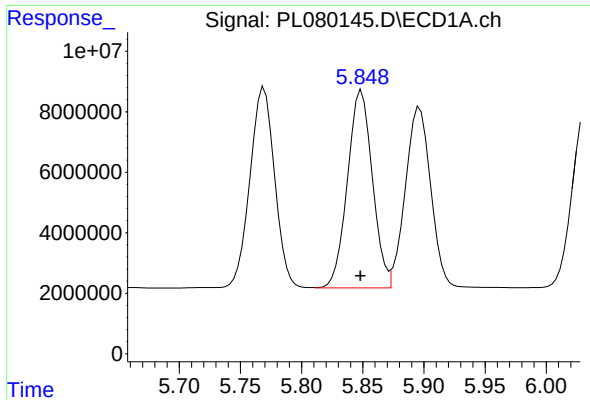
#10 gamma-Chlordane

R.T.: 5.769 min  
Delta R.T.: 0.001 min  
Response: 93337838  
Conc: 51.74 ng/ml



#10 gamma-Chlordane

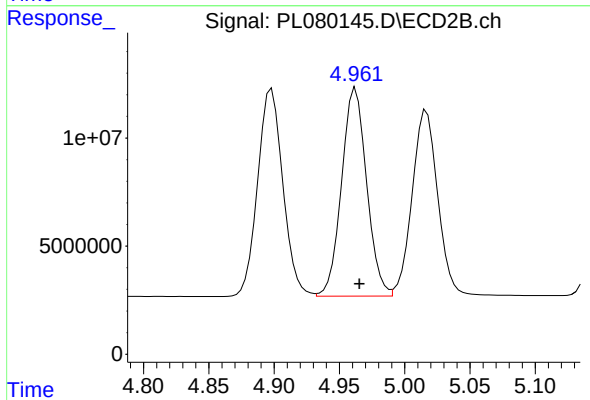
R.T.: 4.898 min  
Delta R.T.: -0.003 min  
Response: 129237482  
Conc: 46.30 ng/ml



#11 alpha-Chlordane

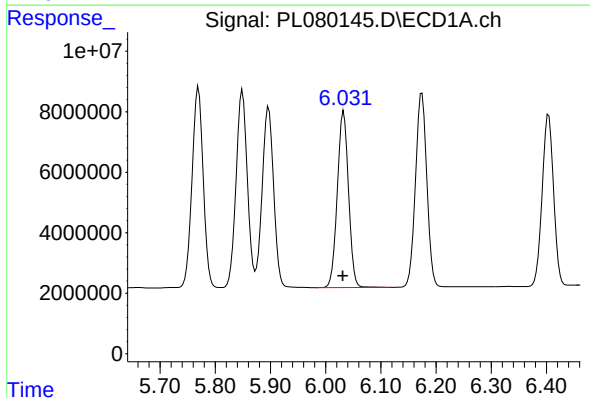
R.T.: 5.849 min  
Delta R.T.: 0.001 min  
Response: 92503813  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



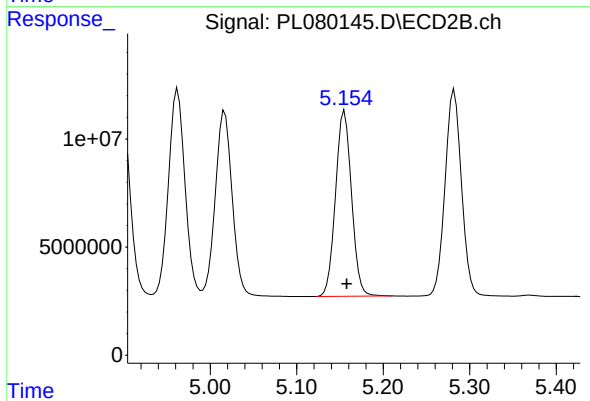
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.003 min  
Response: 128775090  
Conc: 46.09 ng/ml



#12 4,4'-DDE

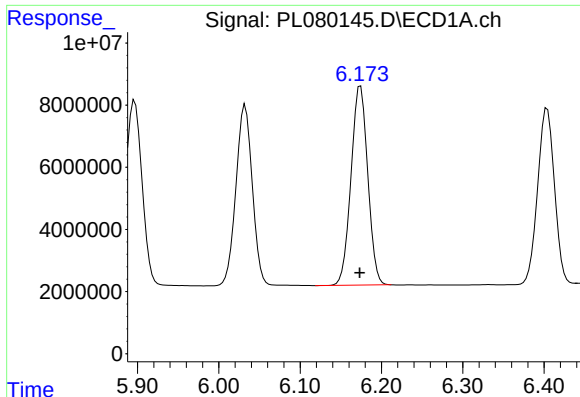
R.T.: 6.033 min  
Delta R.T.: 0.002 min  
Response: 82315835  
Conc: 52.29 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min  
Delta R.T.: -0.003 min  
Response: 109883267  
Conc: 47.36 ng/ml

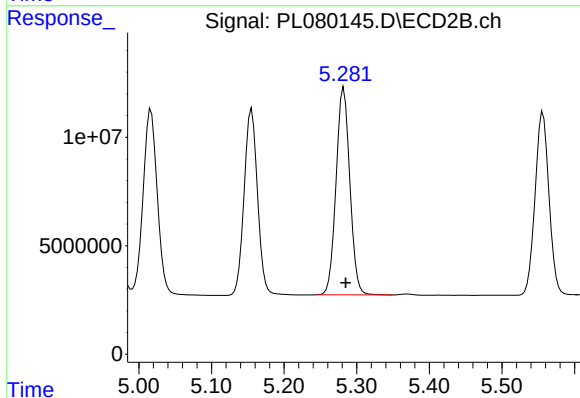




#13 Dieldrin

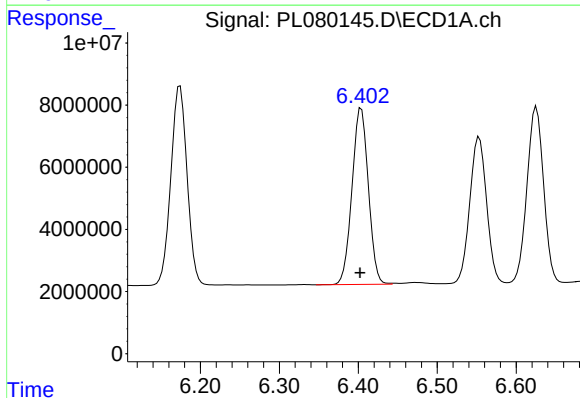
R.T.: 6.174 min  
Delta R.T.: 0.001 min  
Response: 91407539  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



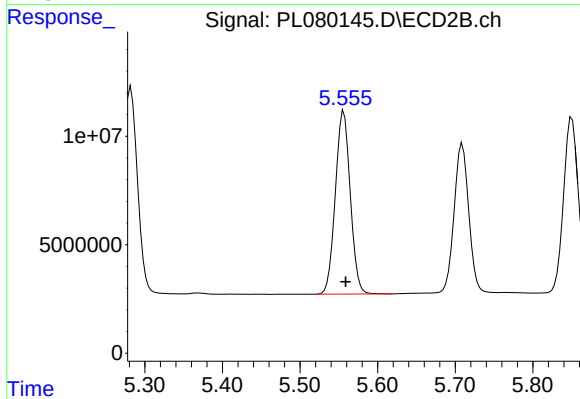
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.003 min  
Response: 125876408  
Conc: 48.13 ng/ml



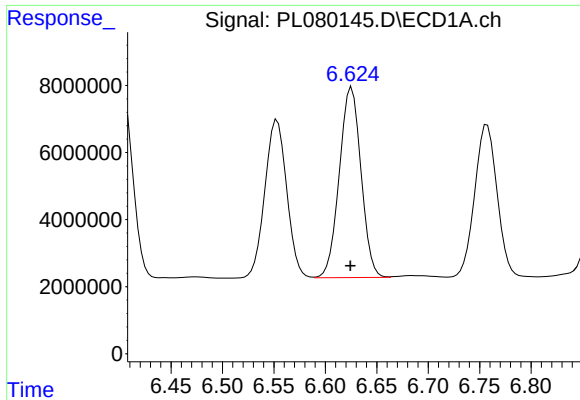
#14 Endrin

R.T.: 6.404 min  
Delta R.T.: 0.001 min  
Response: 81709073  
Conc: 53.28 ng/ml



#14 Endrin

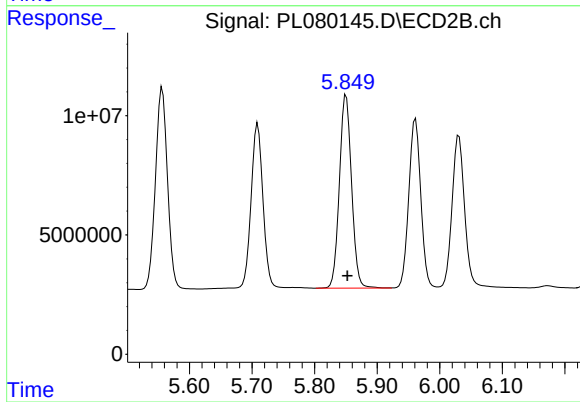
R.T.: 5.556 min  
Delta R.T.: -0.003 min  
Response: 112917466  
Conc: 50.17 ng/ml



#15 Endosulfan II

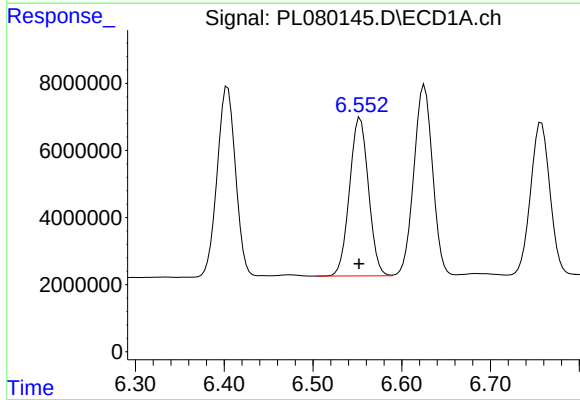
R.T.: 6.626 min  
Delta R.T.: 0.001 min  
Response: 83278097  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



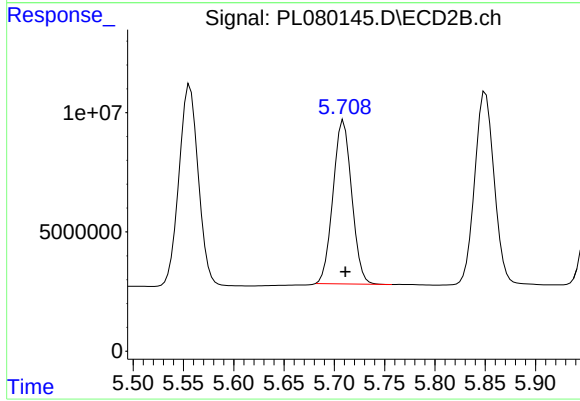
#15 Endosulfan II

R.T.: 5.850 min  
Delta R.T.: -0.002 min  
Response: 109882371  
Conc: 50.61 ng/ml



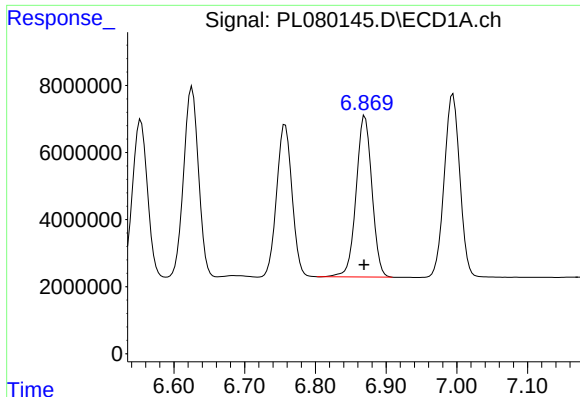
#16 4,4'-DDD

R.T.: 6.553 min  
Delta R.T.: 0.001 min  
Response: 69906635  
Conc: 53.12 ng/ml



#16 4,4'-DDD

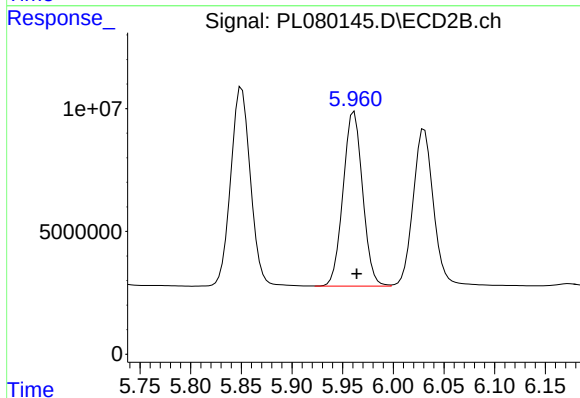
R.T.: 5.709 min  
Delta R.T.: -0.002 min  
Response: 88468373  
Conc: 47.94 ng/ml



#17 4,4'-DDT

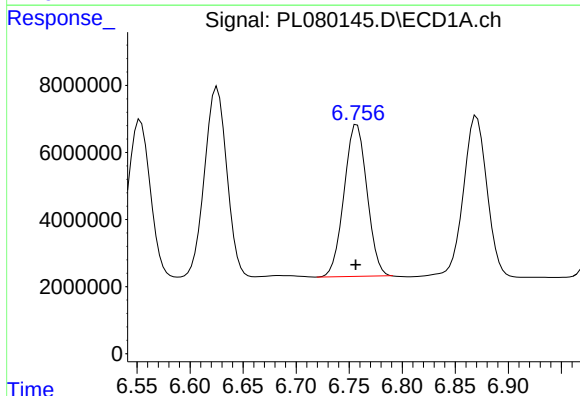
R.T.: 6.870 min  
Delta R.T.: 0.001 min  
Response: 74505307  
Conc: 49.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



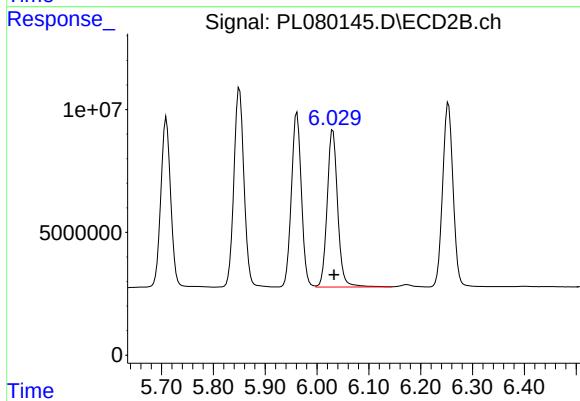
#17 4,4'-DDT

R.T.: 5.961 min  
Delta R.T.: -0.003 min  
Response: 95006608  
Conc: 46.66 ng/ml



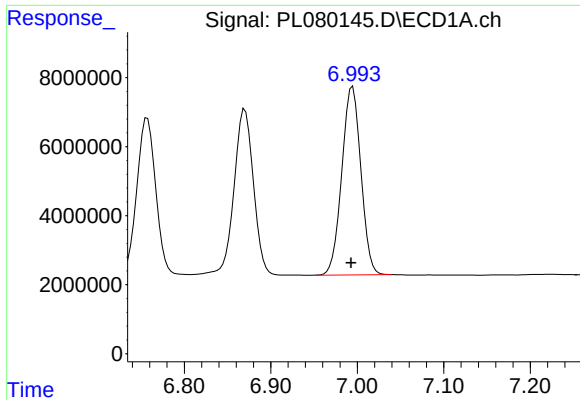
#18 Endrin aldehyde

R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 68034843  
Conc: 55.99 ng/ml



#18 Endrin aldehyde

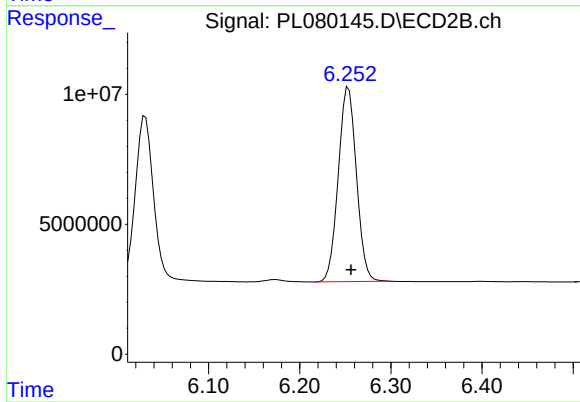
R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 90550196  
Conc: 51.57 ng/ml



#19 Endosulfan Sulfate

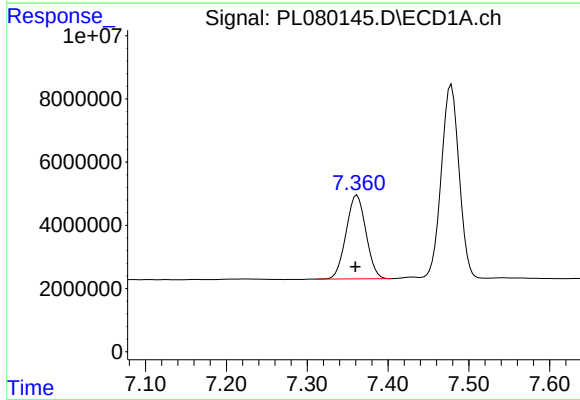
R.T.: 6.995 min  
Delta R.T.: 0.002 min  
Response: 83176951  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



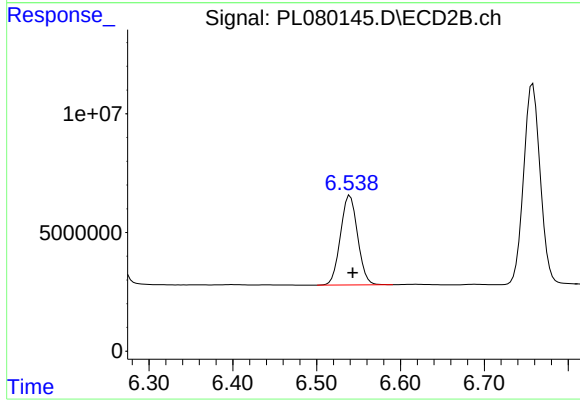
#19 Endosulfan Sulfate

R.T.: 6.254 min  
Delta R.T.: -0.003 min  
Response: 103683936  
Conc: 46.67 ng/ml



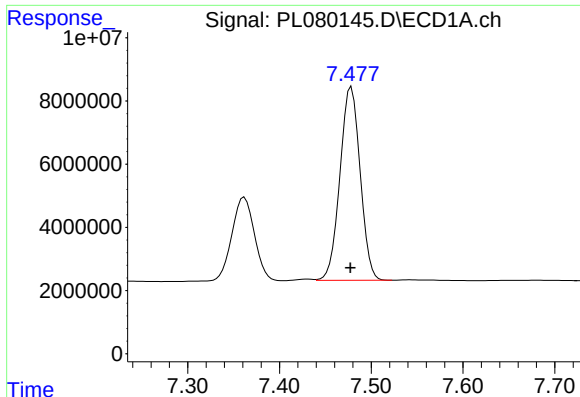
#20 Methoxychlor

R.T.: 7.362 min  
Delta R.T.: 0.002 min  
Response: 45219351  
Conc: 50.85 ng/ml



#20 Methoxychlor

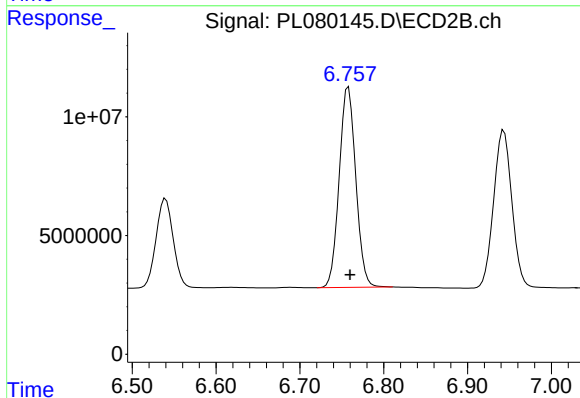
R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 53771048  
Conc: 46.92 ng/ml



#21 Endrin ketone

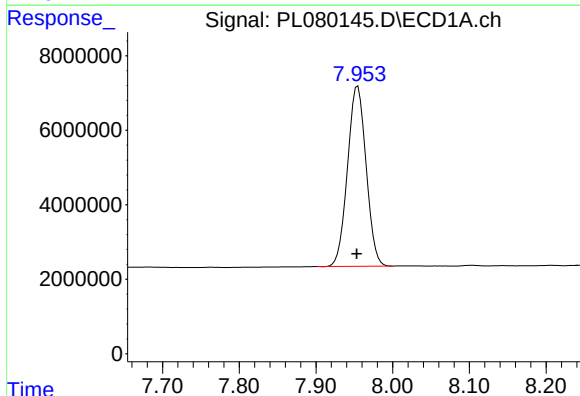
R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 93735389  
Conc: 52.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



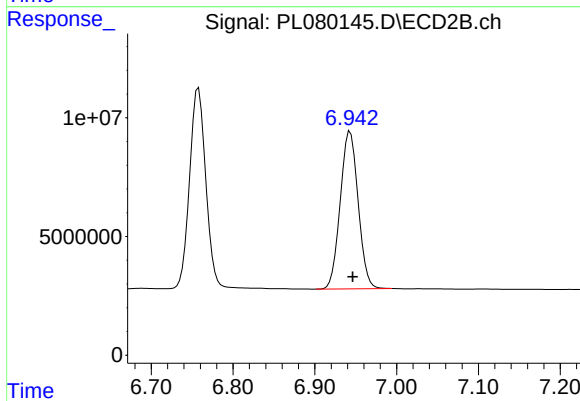
#21 Endrin ketone

R.T.: 6.758 min  
Delta R.T.: -0.002 min  
Response: 116229143  
Conc: 47.69 ng/ml



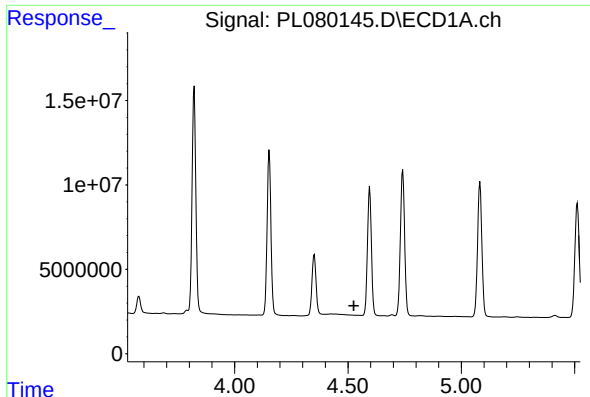
#22 Mirex

R.T.: 7.955 min  
Delta R.T.: 0.001 min  
Response: 82011568  
Conc: 52.89 ng/ml



#22 Mirex

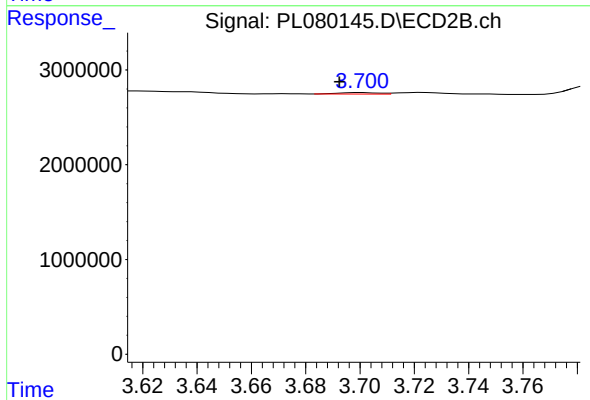
R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 100495046  
Conc: 48.69 ng/ml



#23 Chlordane-1

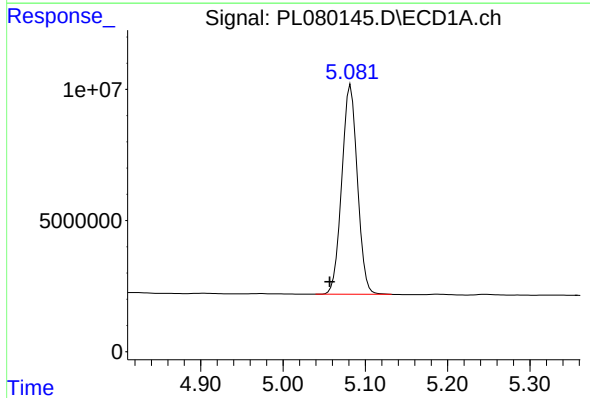
R.T.: 0.000 min  
Exp R.T.: 4.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



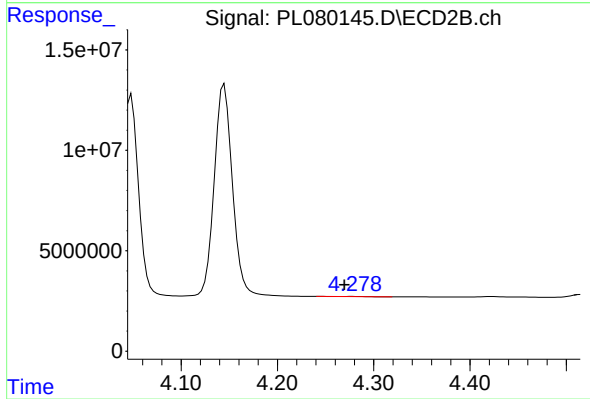
#23 Chlordane-1

R.T.: 3.701 min  
Delta R.T.: 0.008 min  
Response: 155812  
Conc: 2.00 ng/ml



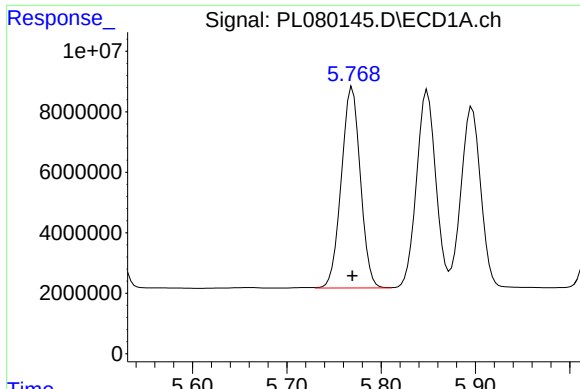
#24 Chlordane-2

R.T.: 5.082 min  
Delta R.T.: 0.025 min  
Response: 105300383  
Conc: 1457.51 ng/ml



#24 Chlordane-2

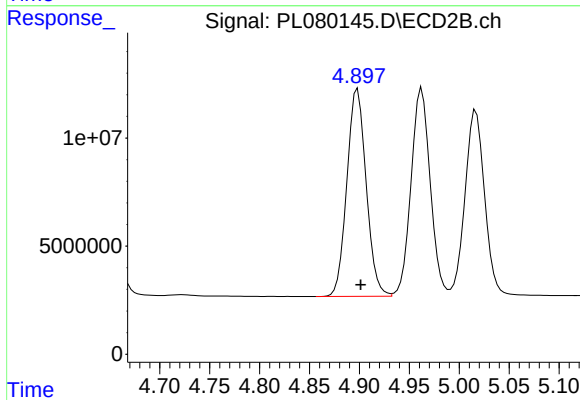
R.T.: 4.279 min  
Delta R.T.: 0.009 min  
Response: 64591  
Conc: 0.74 ng/ml



#25 Chlordane-3

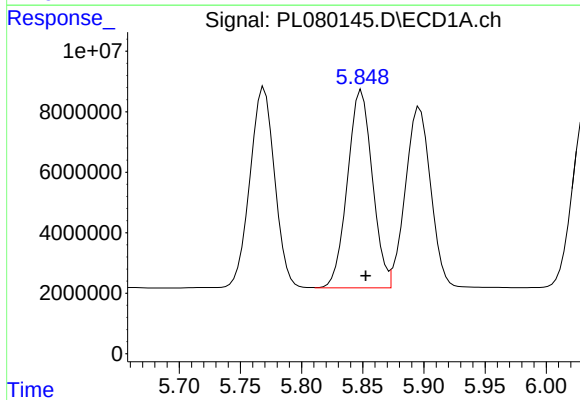
R.T.: 5.769 min  
Delta R.T.: 0.000 min  
Response: 93337838  
Conc: 373.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



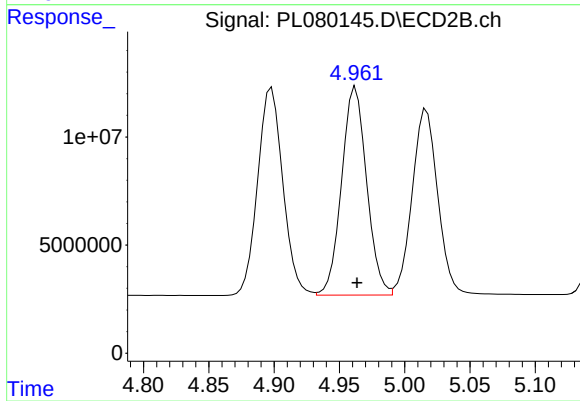
#25 Chlordane-3

R.T.: 4.898 min  
Delta R.T.: -0.003 min  
Response: 129237482  
Conc: 494.03 ng/ml



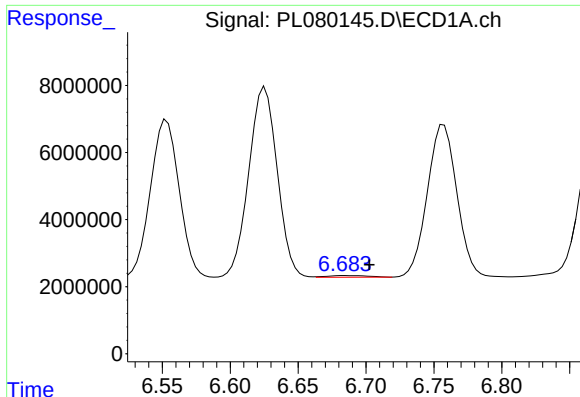
#26 Chlordane-4

R.T.: 5.849 min  
Delta R.T.: -0.003 min  
Response: 92503813  
Conc: 299.44 ng/ml



#26 Chlordane-4

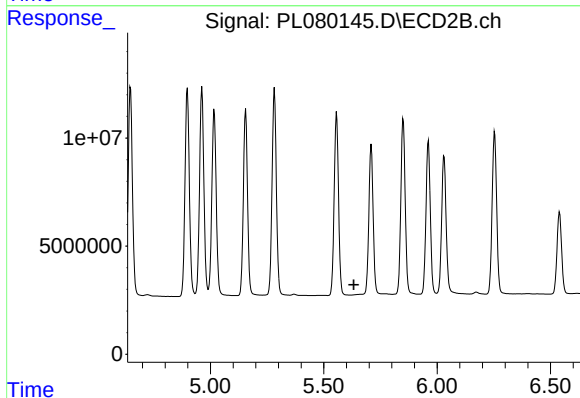
R.T.: 4.962 min  
Delta R.T.: -0.001 min  
Response: 128775090  
Conc: 489.30 ng/ml



#27 Chlordane-5

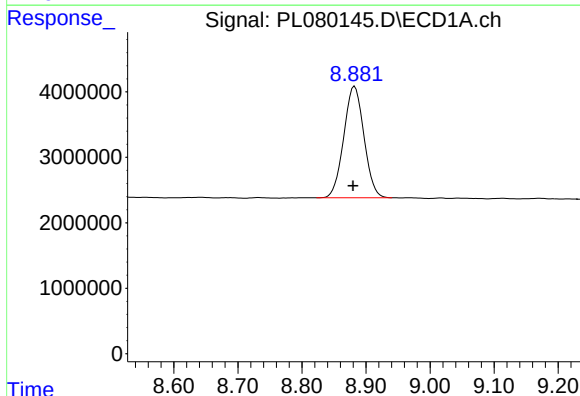
R.T.: 6.684 min  
Delta R.T.: -0.018 min  
Response: 1066632  
Conc: 16.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



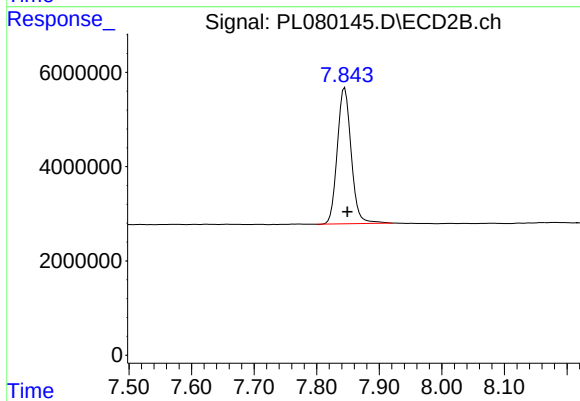
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.632 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.882 min  
Delta R.T.: 0.002 min  
Response: 37228443  
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.845 min  
Delta R.T.: -0.004 min  
Response: 44727511  
Conc: 19.80 ng/ml