

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012324\  
 Data File : PL087905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jan 2024 14:13  
 Operator : AR\AJ  
 Sample : P1119-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 222177MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 24 00:29:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.420  | 2.673  | 61337878 | 26865767 | 20.489  | 22.178    |
| 28)                         | SA Decachlor... | 8.978  | 7.859  | 56876539 | 26124138 | 19.971  | 20.622    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.876  | 3.177  | 200.4E6  | 84431861 | 44.673  | 45.810    |
| 3)                          | MA gamma-BHC... | 4.210  | 3.507  | 194.6E6  | 83378788 | 44.608  | 45.881    |
| 4)                          | MA Heptachlor   | 4.803  | 3.849  | 199.0E6  | 83316342 | 45.289  | 46.781    |
| 5)                          | MB Aldrin       | 5.145  | 4.129  | 187.7E6  | 84439690 | 43.801  | 47.844    |
| 6)                          | B beta-BHC      | 4.410  | 3.809  | 86505144 | 35834501 | 46.496  | 46.852    |
| 7)                          | B delta-BHC     | 4.656  | 4.038  | 182.7E6  | 80850816 | 43.428  | 46.575    |
| 8)                          | B Heptachlo...  | 5.577  | 4.636  | 173.0E6  | 74141891 | 45.159  | 46.519    |
| 9)                          | A Endosulfan I  | 5.963  | 5.007  | 163.7E6  | 68783982 | 45.387  | 44.464    |
| 10)                         | B gamma-Chl...  | 5.834  | 4.889  | 180.0E6  | 77221512 | 46.563  | 47.843    |
| 11)                         | B alpha-Chl...  | 5.914  | 4.954  | 179.0E6  | 76845685 | 46.581  | 46.303    |
| 12)                         | B 4,4'-DDE      | 6.096  | 5.152  | 151.3E6  | 66548367 | 47.312  | 49.474    |
| 13)                         | MA Dieldrin     | 6.240  | 5.275  | 172.1E6  | 76178856 | 46.197  | 47.937    |
| 14)                         | MA Endrin       | 6.471  | 5.550  | 148.8E6  | 68824575 | 47.378  | 48.537    |
| 15)                         | B Endosulfa...  | 6.693  | 5.848  | 145.0E6  | 67035870 | 45.198  | 48.968    |
| 16)                         | A 4,4'-DDD      | 6.616  | 5.710  | 121.3E6  | 53354251 | 47.040  | 47.318    |
| 17)                         | MA 4,4'-DDT     | 6.933  | 5.963  | 143.7E6  | 63259012 | 50.252  | 50.828    |
| 18)                         | B Endrin al...  | 6.823  | 6.030  | 116.2E6  | 51299936 | 46.192  | 44.140    |
| 19)                         | B Endosulfa...  | 7.061  | 6.255  | 142.6E6  | 62592712 | 46.635  | 47.683    |
| 20)                         | A Methoxychlor  | 7.419  | 6.549  | 76336254 | 35865745 | 47.017  | 48.725    |
| 21)                         | B Endrin ke...  | 7.547  | 6.761  | 155.9E6  | 75150500 | 47.922  | 49.020    |
| 22)                         | Mirex           | 8.024  | 6.942  | 130.3E6  | 64742599 | 46.477  | 48.266    |
| 23)                         | Chlordane-1     | 0.000  | 3.686  | 0        | 917425   | N.D.    | 19.629 #  |
| 24)                         | Chlordane-2     | 5.101f | 4.239f | 927902   | 1090754  | 6.292   | 19.496 #  |
| 25)                         | Chlordane-3     | 5.834  | 4.889  | 180.0E6  | 77221512 | 323.586 | 487.952 # |
| 26)                         | Chlordane-4     | 5.914  | 4.954  | 179.0E6  | 76845685 | 258.769 | 449.764 # |
| 27)                         | Chlordane-5     | 0.000  | 5.625  | 0        | 304830   | N.D.    | 6.476 #   |
| -----                       |                 |        |        |          |          |         |           |

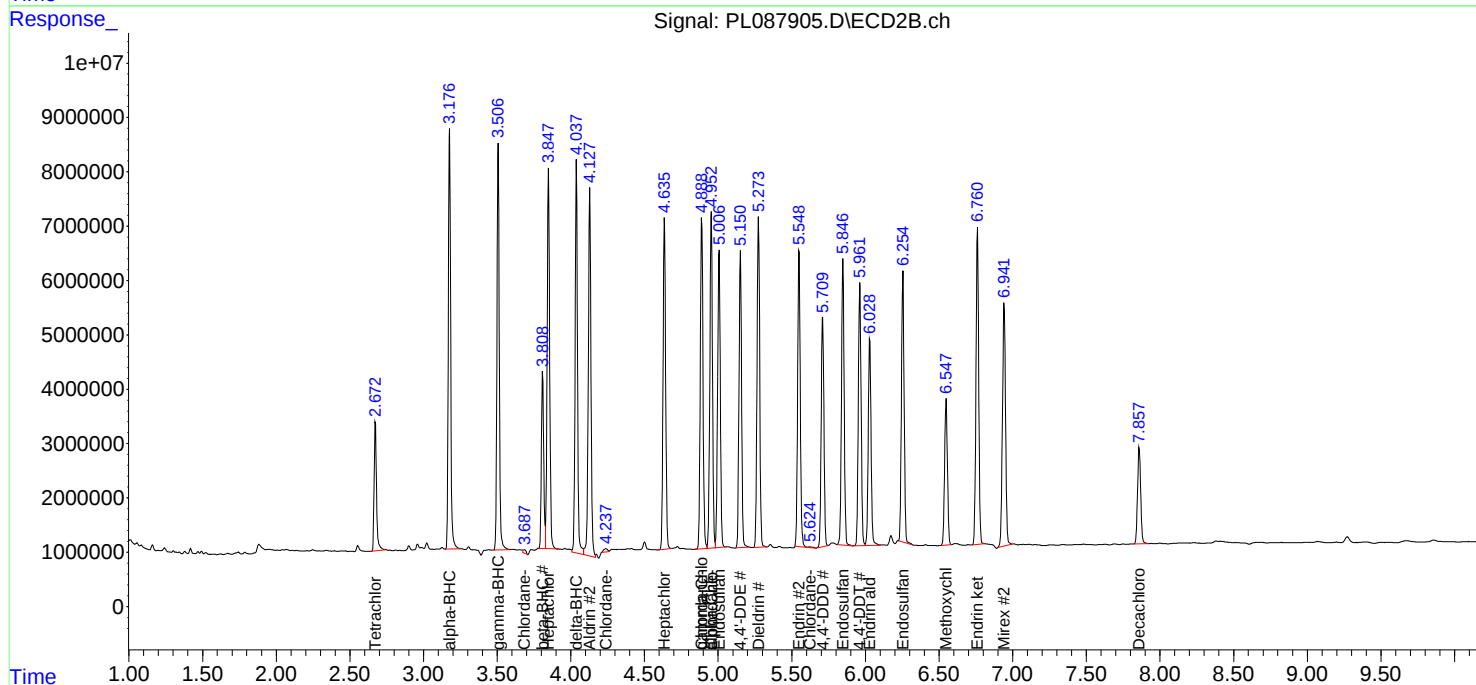
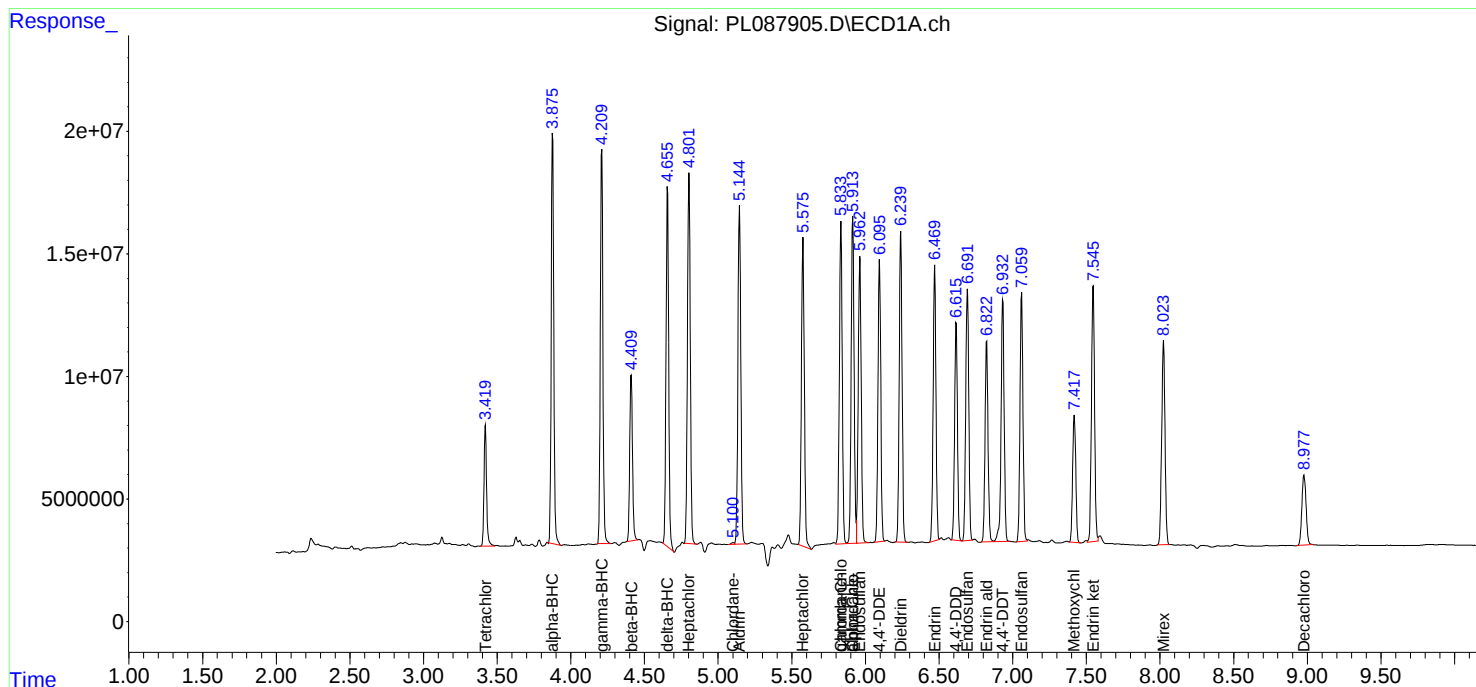
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

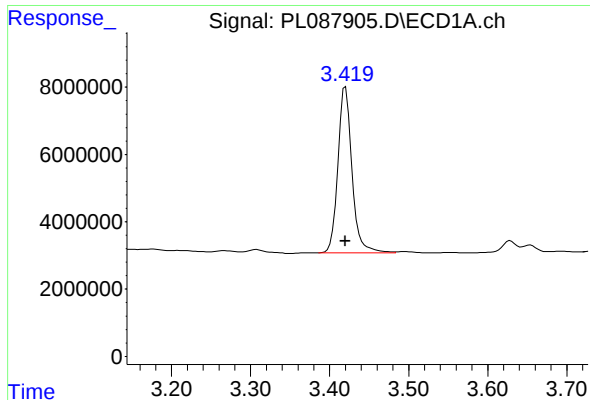
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012324\  
Data File : PL087905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jan 2024 14:13  
Operator : AR\AJ  
Sample : P1119-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 24 00:29:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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

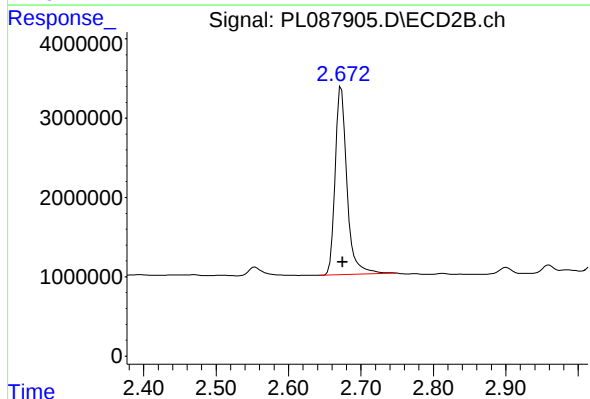




#1 Tetrachloro-m-xylene

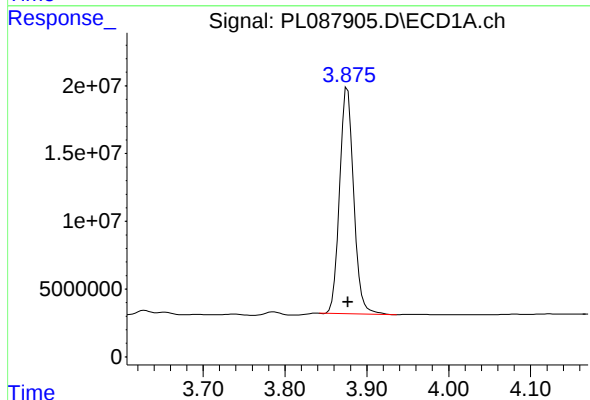
R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 61337878  
Conc: 20.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



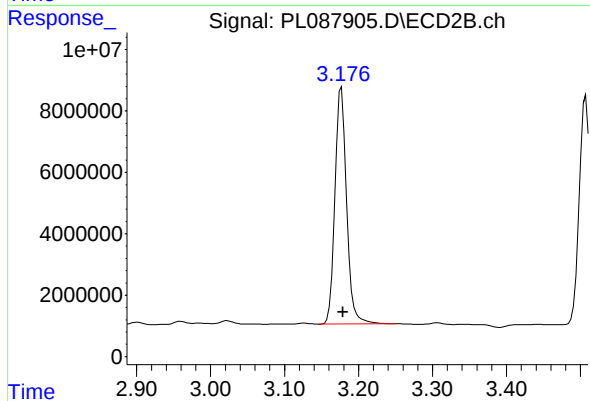
#1 Tetrachloro-m-xylene

R.T.: 2.673 min  
Delta R.T.: -0.002 min  
Response: 26865767  
Conc: 22.18 ng/ml



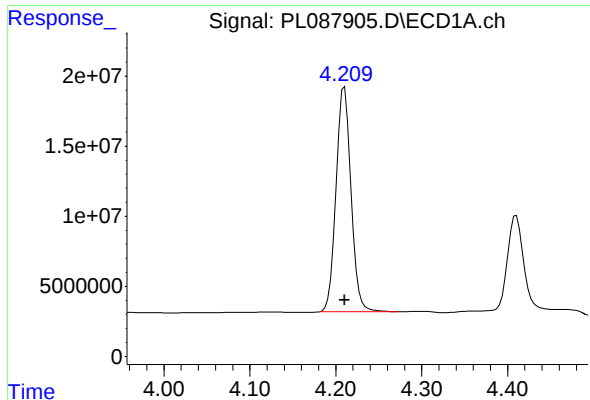
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 200442686  
Conc: 44.67 ng/ml



#2 alpha-BHC

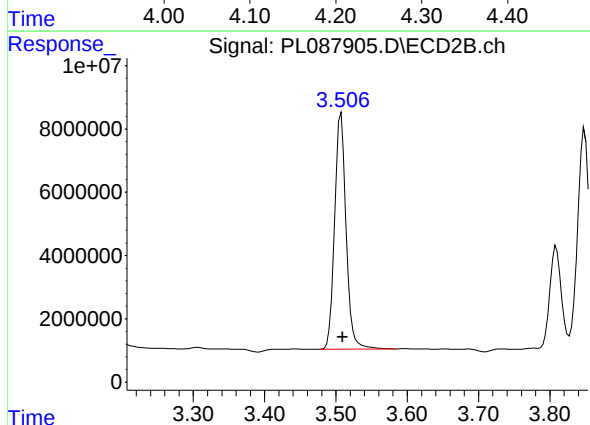
R.T.: 3.177 min  
Delta R.T.: -0.002 min  
Response: 84431861  
Conc: 45.81 ng/ml



#3 gamma-BHC (Lindane)

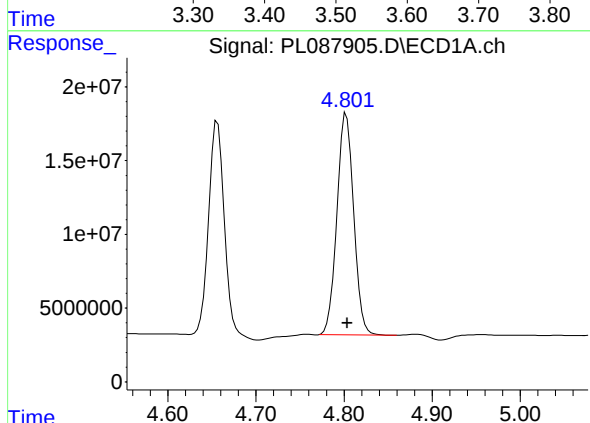
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 194564656  
Conc: 44.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



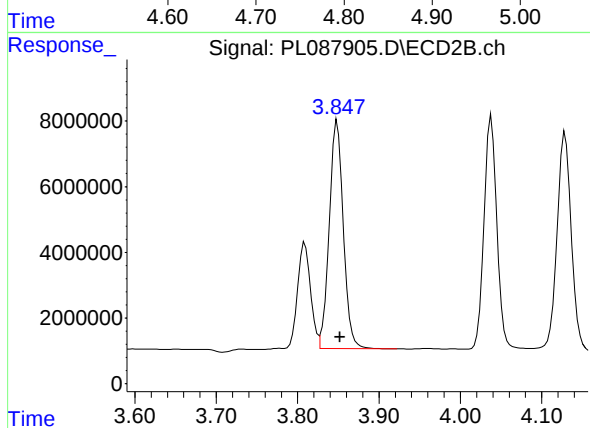
#3 gamma-BHC (Lindane)

R.T.: 3.507 min  
Delta R.T.: -0.002 min  
Response: 83378788  
Conc: 45.88 ng/ml



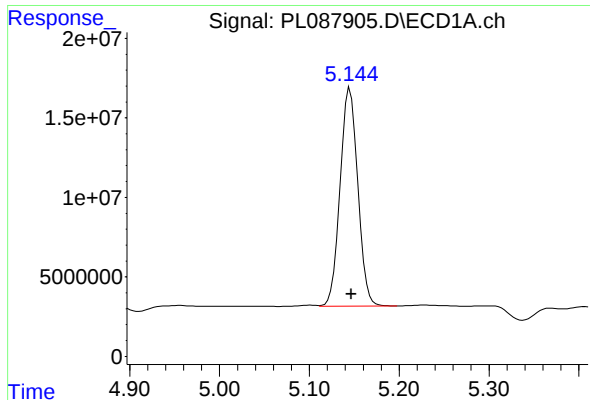
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: -0.001 min  
Response: 199005937  
Conc: 45.29 ng/ml



#4 Heptachlor

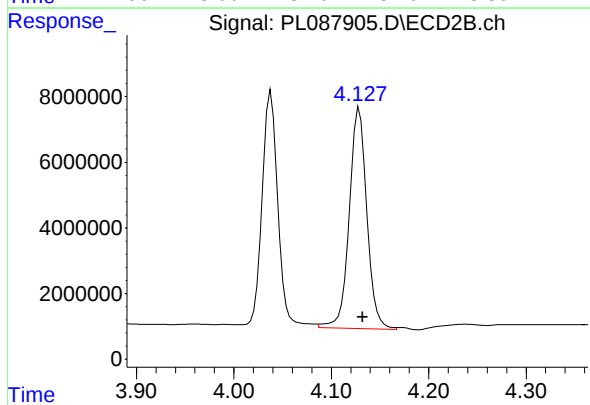
R.T.: 3.849 min  
Delta R.T.: -0.003 min  
Response: 83316342  
Conc: 46.78 ng/ml



#5 Aldrin

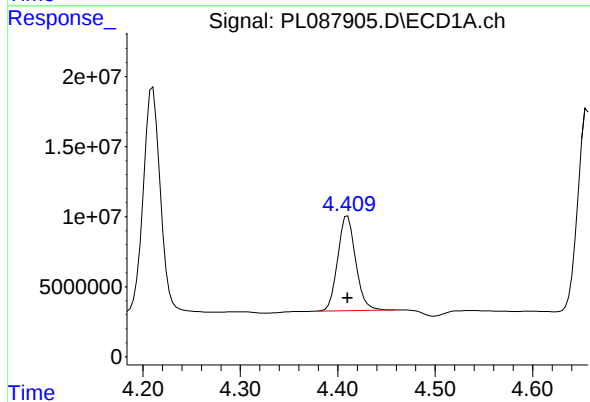
R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 187728161  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



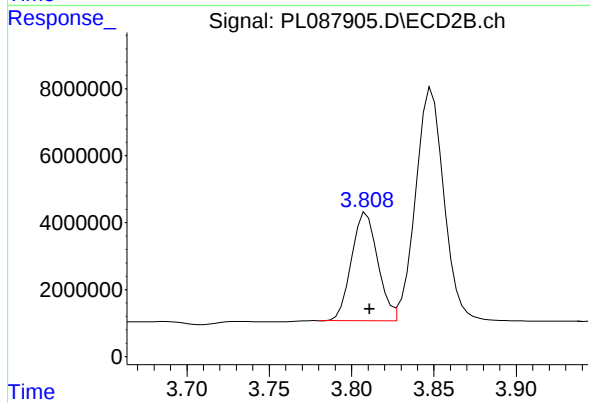
#5 Aldrin

R.T.: 4.129 min  
Delta R.T.: -0.003 min  
Response: 84439690  
Conc: 47.84 ng/ml



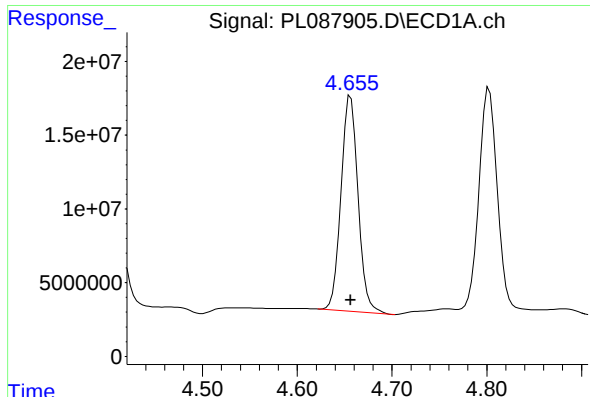
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 86505144  
Conc: 46.50 ng/ml



#6 beta-BHC

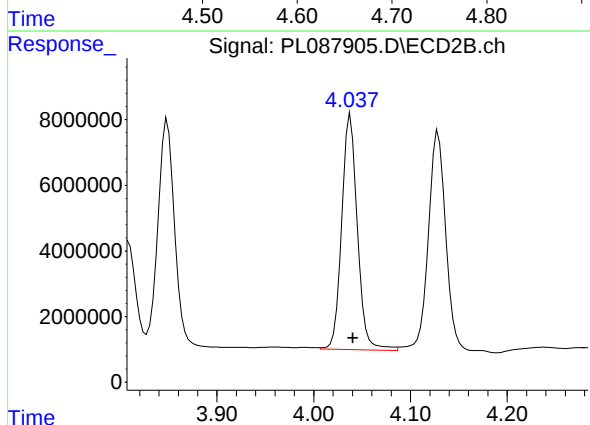
R.T.: 3.809 min  
Delta R.T.: -0.002 min  
Response: 35834501  
Conc: 46.85 ng/ml



#7 delta-BHC

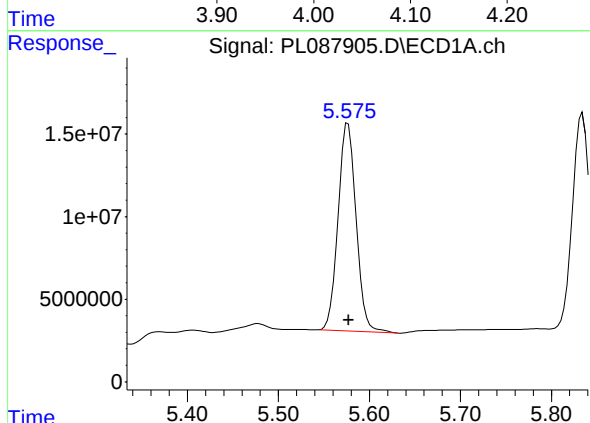
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 182742892  
Conc: 43.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



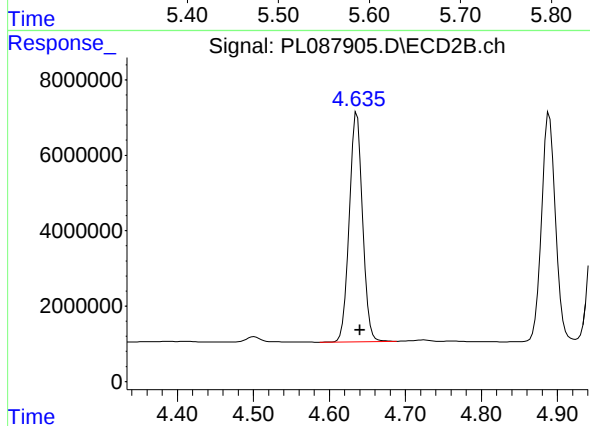
#7 delta-BHC

R.T.: 4.038 min  
Delta R.T.: -0.002 min  
Response: 80850816  
Conc: 46.58 ng/ml



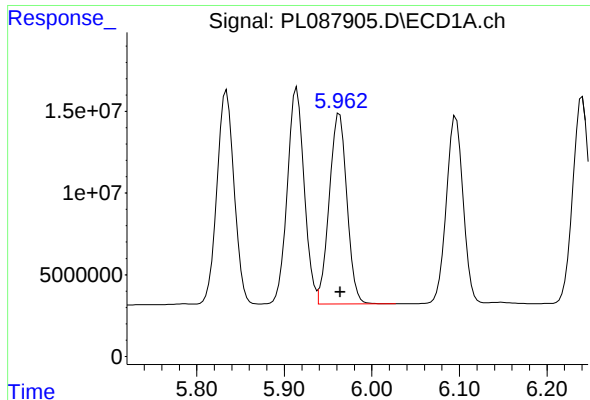
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 173015273  
Conc: 45.16 ng/ml



#8 Heptachlor epoxide

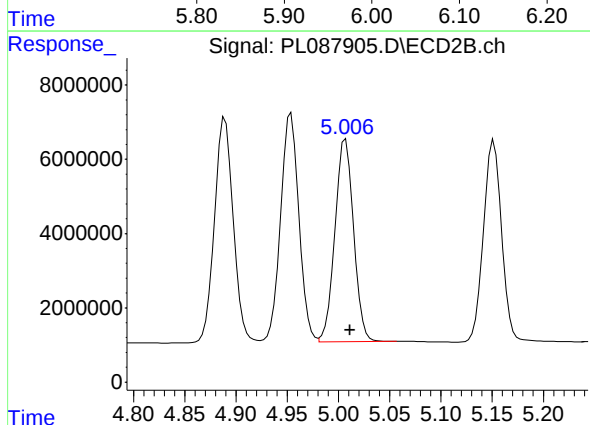
R.T.: 4.636 min  
Delta R.T.: -0.004 min  
Response: 74141891  
Conc: 46.52 ng/ml



#9 Endosulfan I

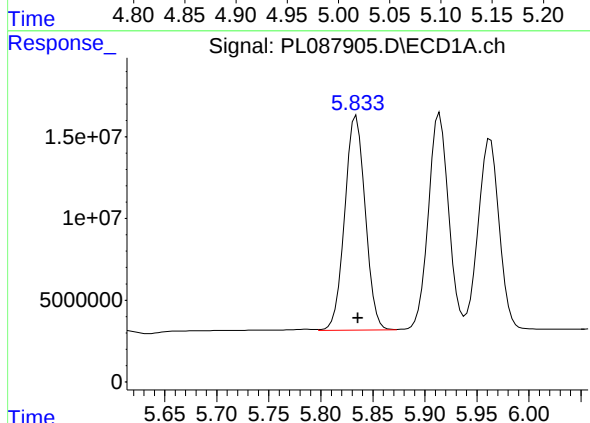
R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 163665559  
Conc: 45.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



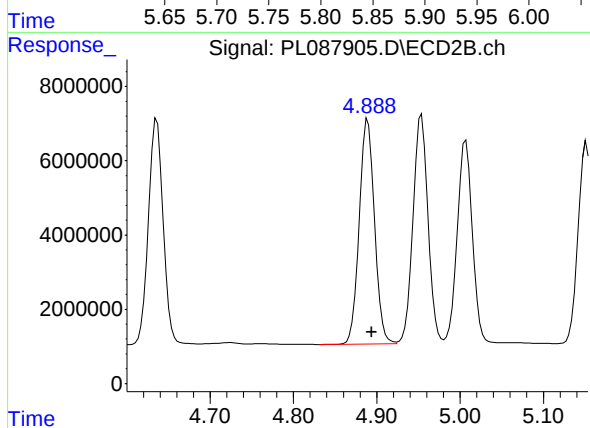
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.004 min  
Response: 68783982  
Conc: 44.46 ng/ml



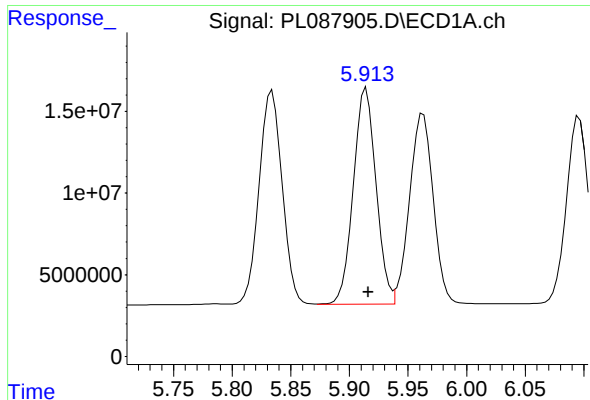
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 179999649  
Conc: 46.56 ng/ml



#10 gamma-Chlordane

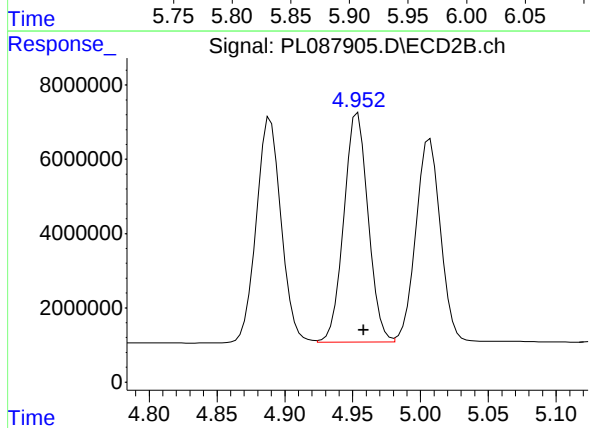
R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 77221512  
Conc: 47.84 ng/ml



#11 alpha-Chlordane

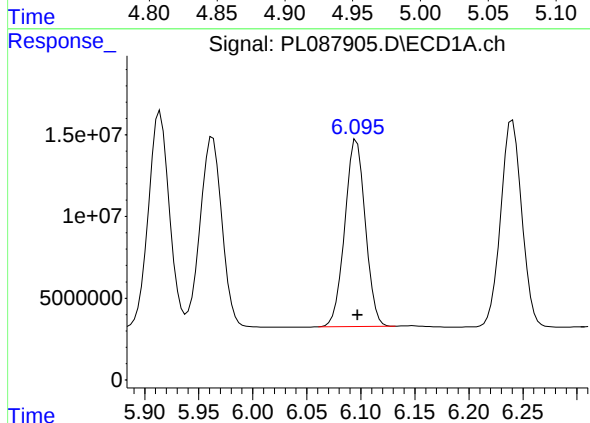
R.T.: 5.914 min  
Delta R.T.: -0.002 min  
Response: 178995320  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



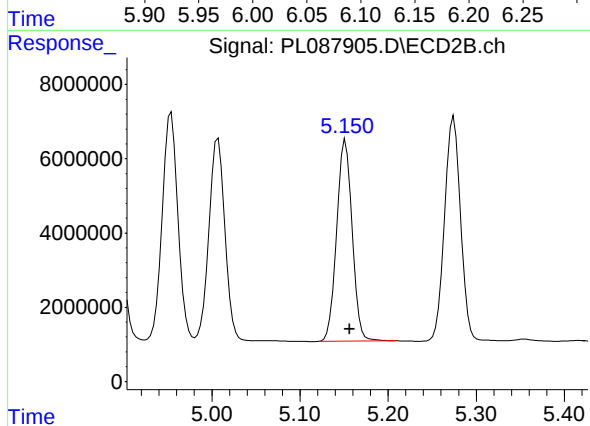
#11 alpha-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.004 min  
Response: 76845685  
Conc: 46.30 ng/ml



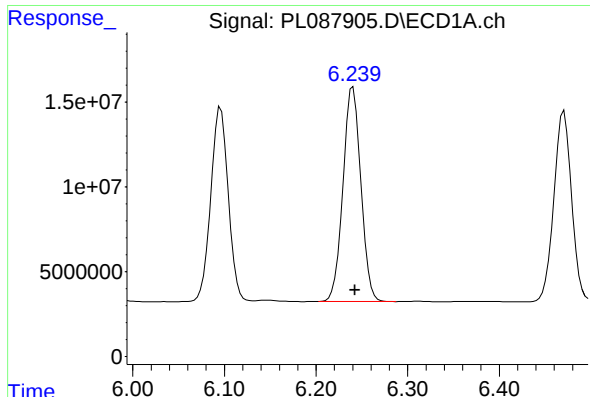
#12 4,4'-DDE

R.T.: 6.096 min  
Delta R.T.: -0.001 min  
Response: 151265618  
Conc: 47.31 ng/ml



#12 4,4'-DDE

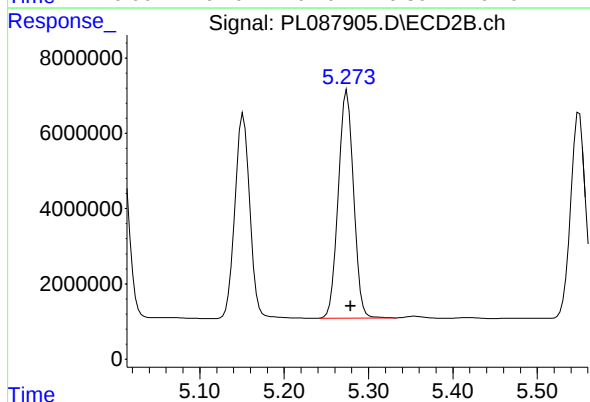
R.T.: 5.152 min  
Delta R.T.: -0.005 min  
Response: 66548367  
Conc: 49.47 ng/ml



#13 Dieldrin

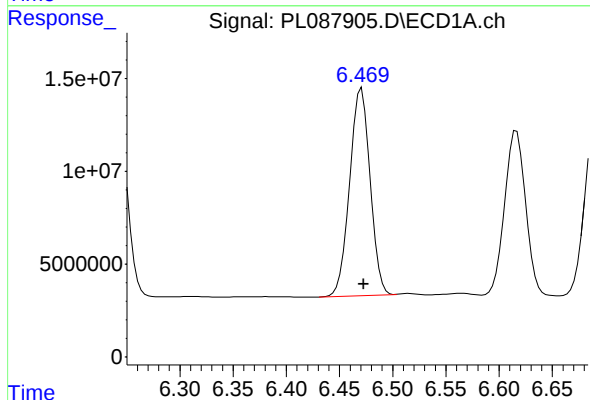
R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 172077208  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



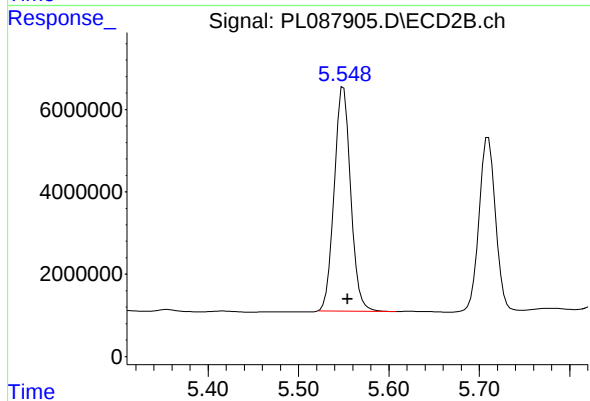
#13 Dieldrin

R.T.: 5.275 min  
Delta R.T.: -0.004 min  
Response: 76178856  
Conc: 47.94 ng/ml



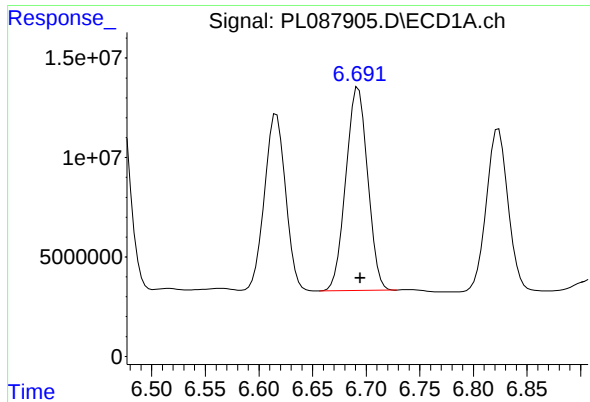
#14 Endrin

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 148808258  
Conc: 47.38 ng/ml



#14 Endrin

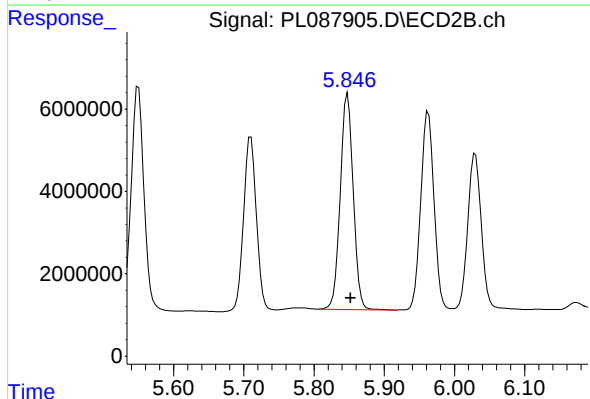
R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 68824575  
Conc: 48.54 ng/ml



#15 Endosulfan II

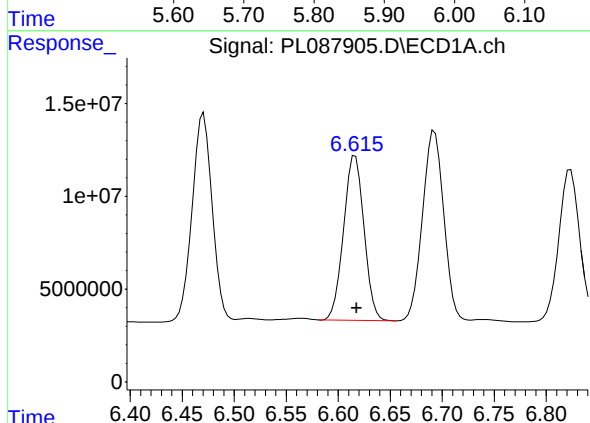
R.T.: 6.693 min  
Delta R.T.: -0.002 min  
Response: 144950557  
Conc: 45.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



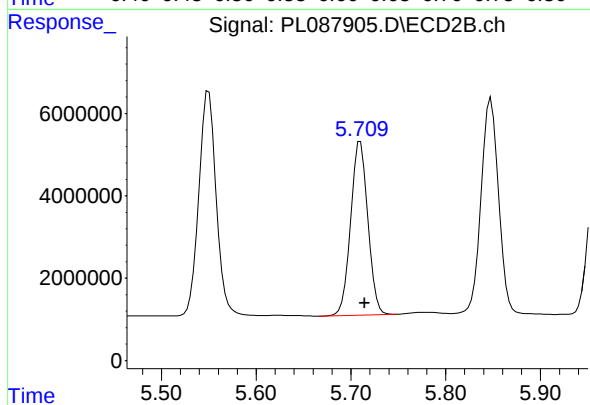
#15 Endosulfan II

R.T.: 5.848 min  
Delta R.T.: -0.004 min  
Response: 67035870  
Conc: 48.97 ng/ml



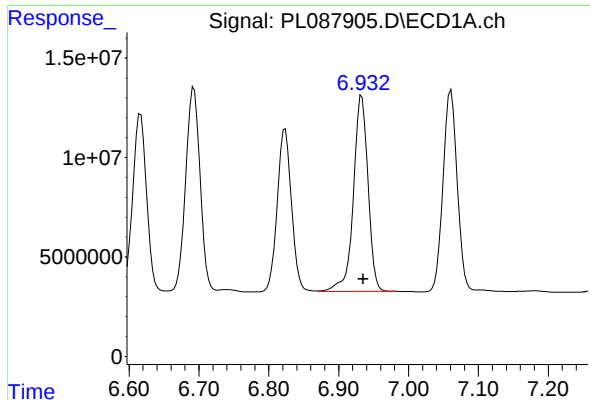
#16 4,4'-DDD

R.T.: 6.616 min  
Delta R.T.: -0.001 min  
Response: 121296850  
Conc: 47.04 ng/ml



#16 4,4'-DDD

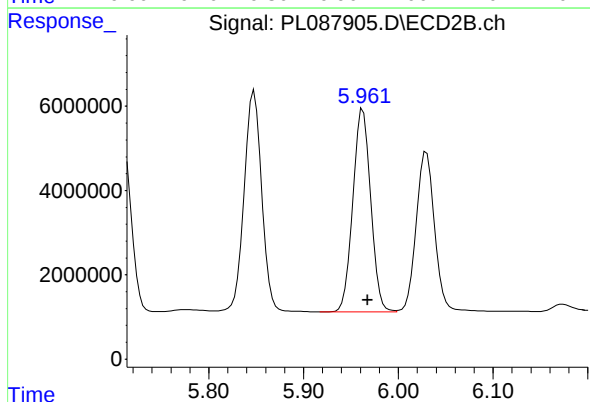
R.T.: 5.710 min  
Delta R.T.: -0.004 min  
Response: 53354251  
Conc: 47.32 ng/ml



#17 4,4'-DDT

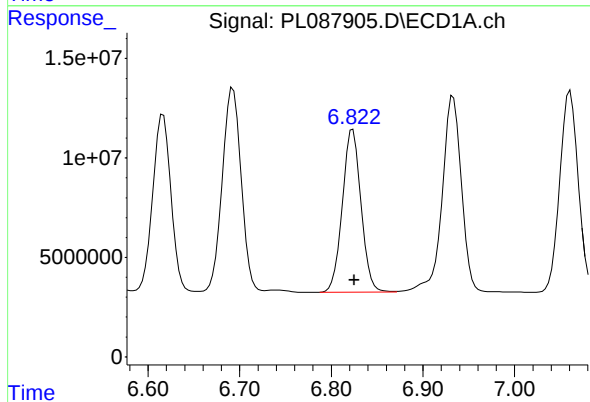
R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 143697279  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



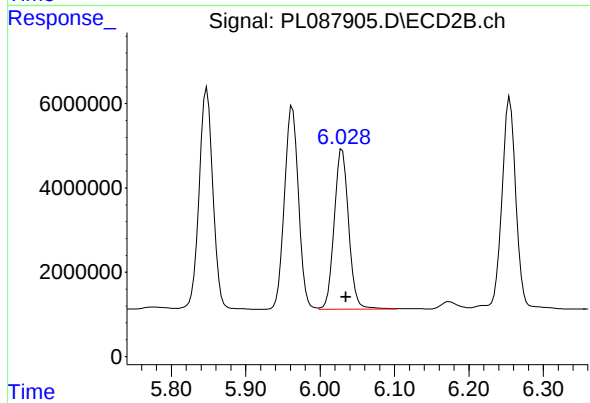
#17 4,4'-DDT

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 63259012  
Conc: 50.83 ng/ml



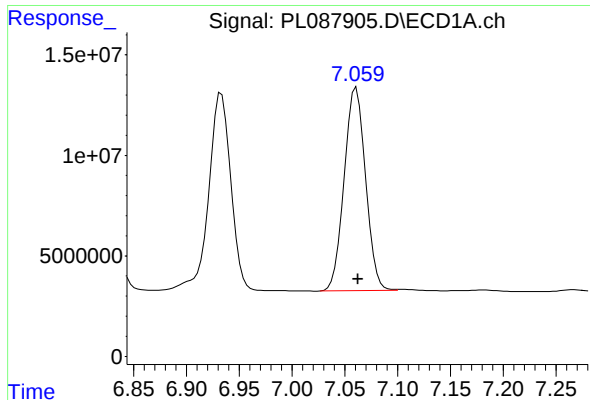
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: -0.002 min  
Response: 116186323  
Conc: 46.19 ng/ml



#18 Endrin aldehyde

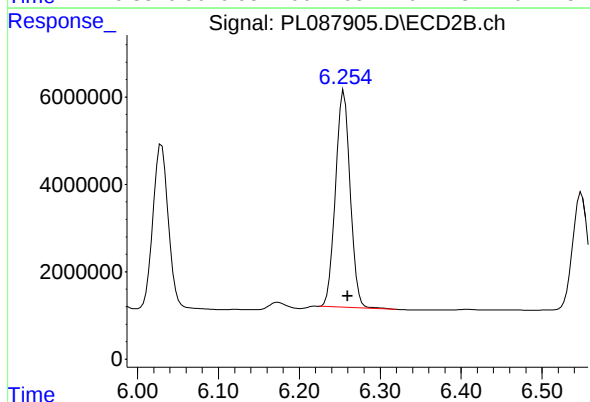
R.T.: 6.030 min  
Delta R.T.: -0.005 min  
Response: 51299936  
Conc: 44.14 ng/ml



#19 Endosulfan Sulfate

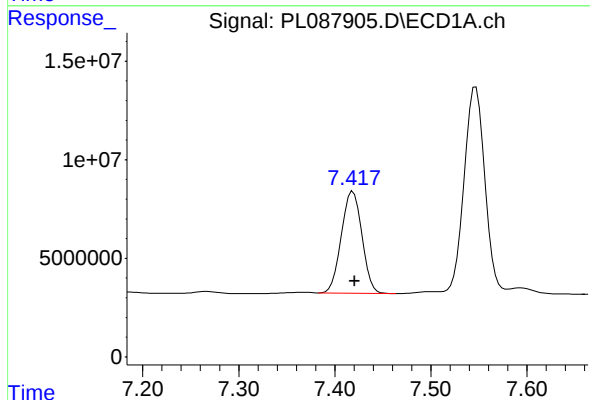
R.T.: 7.061 min  
Delta R.T.: -0.002 min  
Response: 142632826  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



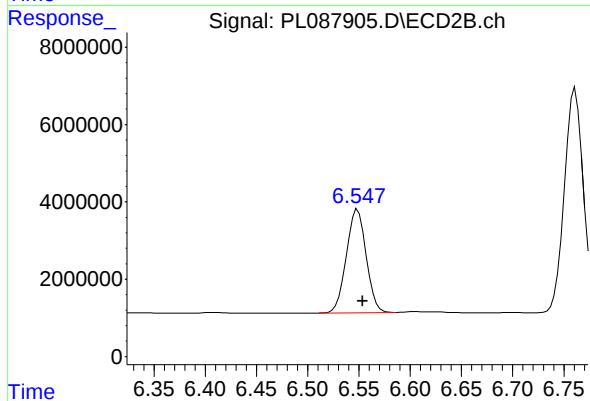
#19 Endosulfan Sulfate

R.T.: 6.255 min  
Delta R.T.: -0.005 min  
Response: 62592712  
Conc: 47.68 ng/ml



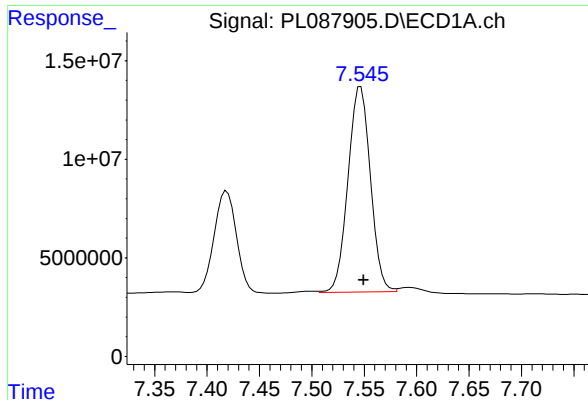
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.002 min  
Response: 76336254  
Conc: 47.02 ng/ml



#20 Methoxychlor

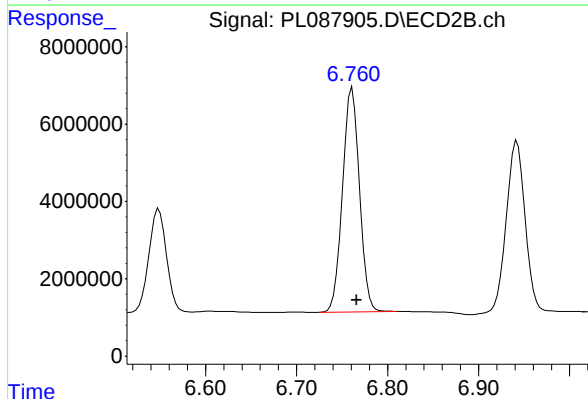
R.T.: 6.549 min  
Delta R.T.: -0.005 min  
Response: 35865745  
Conc: 48.73 ng/ml



#21 Endrin ketone

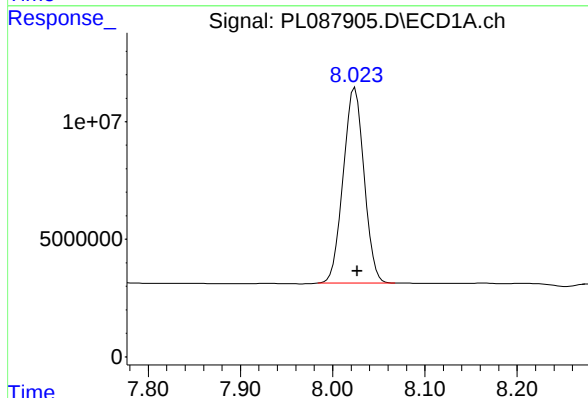
R.T.: 7.547 min  
Delta R.T.: -0.003 min  
Response: 155873502  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



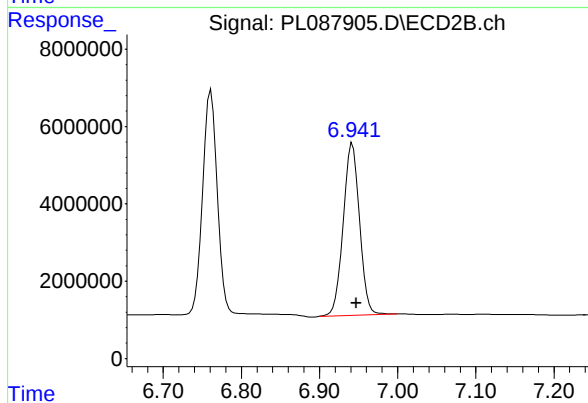
#21 Endrin ketone

R.T.: 6.761 min  
Delta R.T.: -0.005 min  
Response: 75150500  
Conc: 49.02 ng/ml



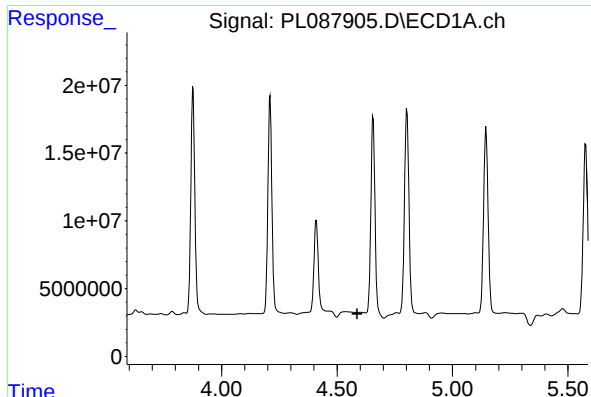
#22 Mirex

R.T.: 8.024 min  
Delta R.T.: -0.002 min  
Response: 130315589  
Conc: 46.48 ng/ml



#22 Mirex

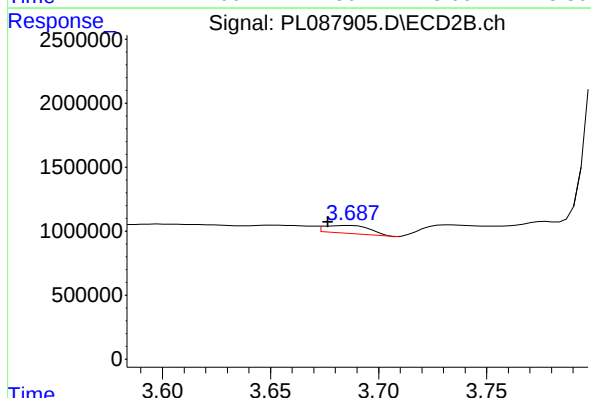
R.T.: 6.942 min  
Delta R.T.: -0.005 min  
Response: 64742599  
Conc: 48.27 ng/ml



#23 Chlordane-1

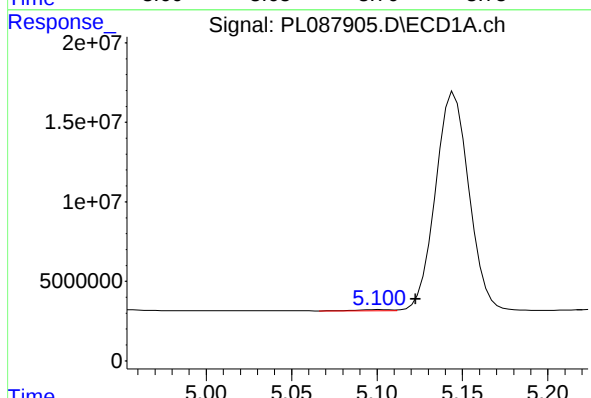
R.T.: 0.000 min  
Exp R.T.: 4.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



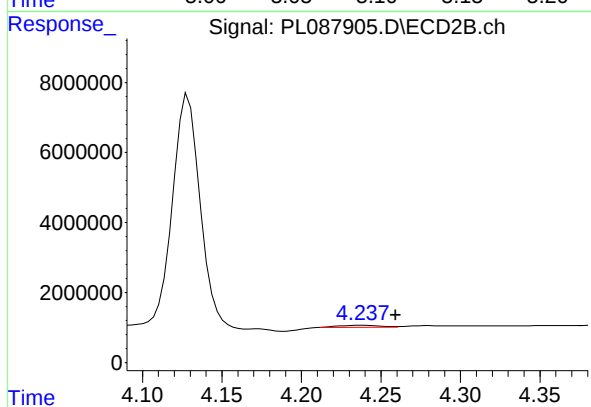
#23 Chlordane-1

R.T.: 3.686 min  
Delta R.T.: 0.010 min  
Response: 917425  
Conc: 19.63 ng/ml



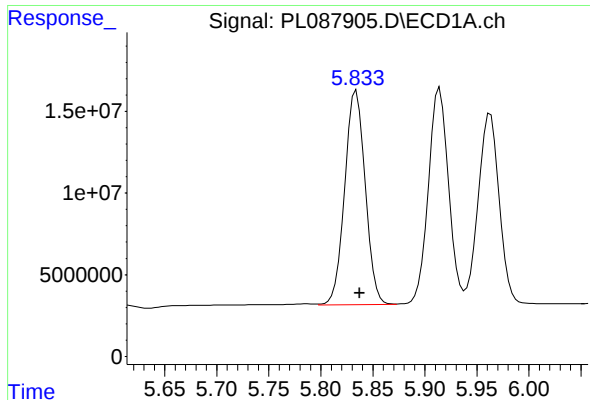
#24 Chlordane-2

R.T.: 5.101 min  
Delta R.T.: -0.022 min  
Response: 927902  
Conc: 6.29 ng/ml



#24 Chlordane-2

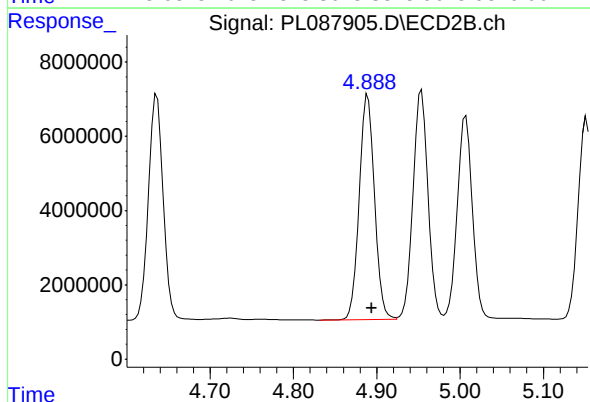
R.T.: 4.239 min  
Delta R.T.: -0.020 min  
Response: 1090754  
Conc: 19.50 ng/ml



#25 Chlordane-3

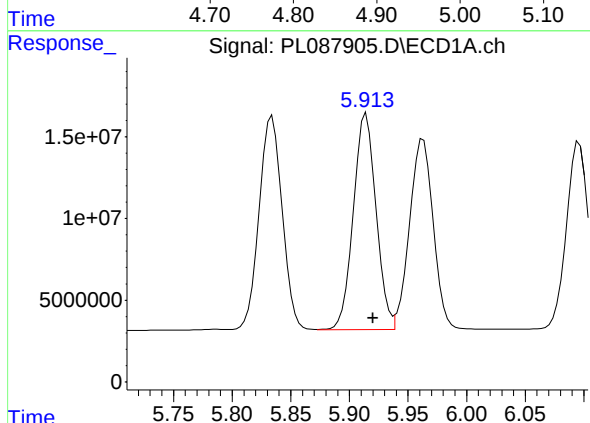
R.T.: 5.834 min  
Delta R.T.: -0.003 min  
Response: 179999649  
Conc: 323.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



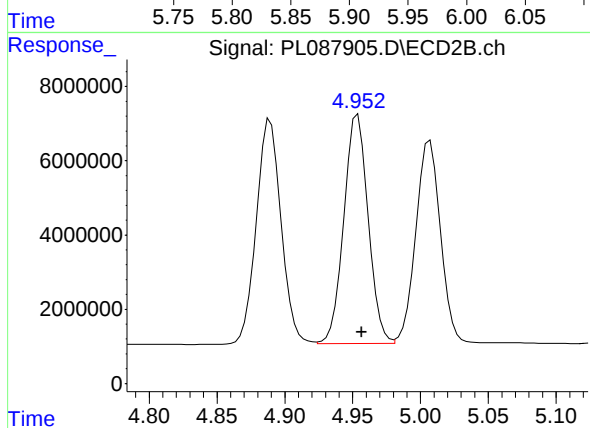
#25 Chlordane-3

R.T.: 4.889 min  
Delta R.T.: -0.005 min  
Response: 77221512  
Conc: 487.95 ng/ml



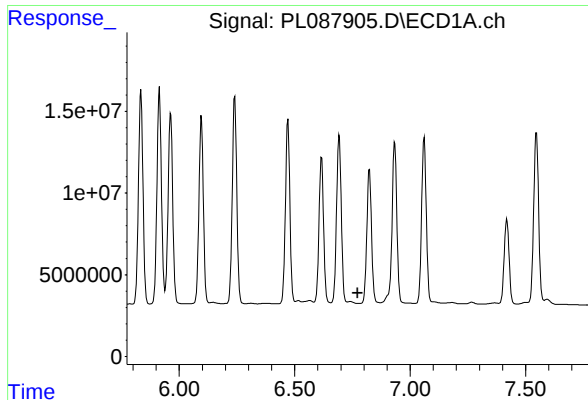
#26 Chlordane-4

R.T.: 5.914 min  
Delta R.T.: -0.006 min  
Response: 178995320  
Conc: 258.77 ng/ml



#26 Chlordane-4

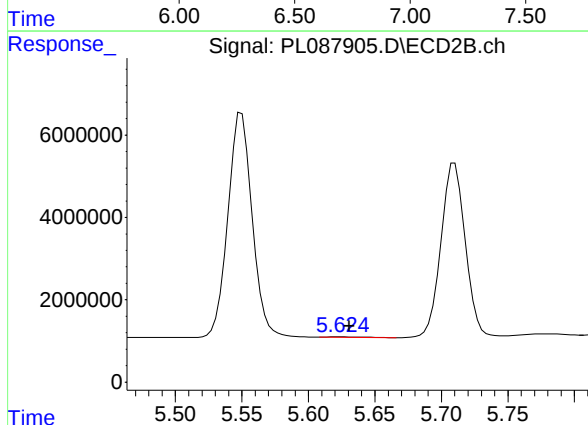
R.T.: 4.954 min  
Delta R.T.: -0.003 min  
Response: 76845685  
Conc: 449.76 ng/ml



#27 Chlordane-5

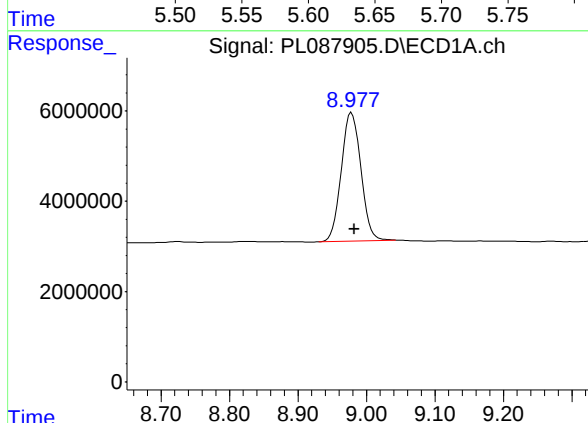
R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS



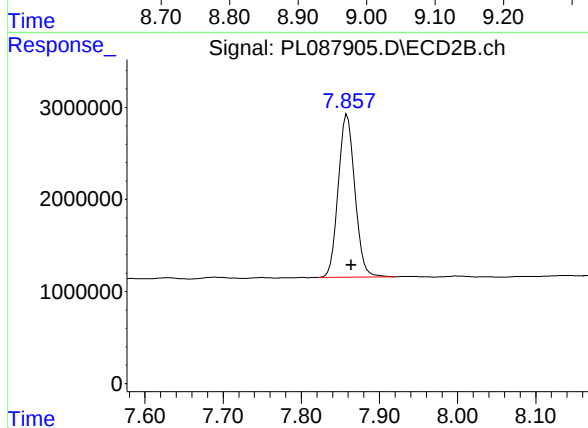
#27 Chlordane-5

R.T.: 5.625 min  
Delta R.T.: -0.006 min  
Response: 304830  
Conc: 6.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.004 min  
Response: 56876539  
Conc: 19.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.859 min  
Delta R.T.: -0.006 min  
Response: 26124138  
Conc: 20.62 ng/ml