

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111623\  
 Data File : PL086706.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2023 17:31  
 Operator : AR\AJ  
 Sample : 05425-09MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 20:02:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 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... | 3.351  | 2.617 | 53650952 | 15878411 | 16.523   | 16.126    |
| 28)                         | SA Decachlor... | 8.850  | 7.767 | 48603812 | 20776267 | 16.604   | 17.205    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.805  | 3.116 | 227.6E6  | 64759380 | 47.321   | 48.583    |
| 3)                          | MA gamma-BHC... | 4.137  | 3.443 | 223.4E6  | 64846497 | 47.480   | 48.863    |
| 4)                          | MA Heptachlor   | 4.723  | 3.779 | 219.4E6  | 65593711 | 48.084   | 49.000    |
| 5)                          | MB Aldrin       | 5.063  | 4.055 | 216.9E6  | 64424723 | 47.906   | 49.508    |
| 6)                          | B beta-BHC      | 4.341  | 3.745 | 92322935 | 27976969 | 45.646   | 46.938    |
| 7)                          | B delta-BHC     | 4.584  | 3.970 | 215.5E6  | 63135731 | 46.947   | 48.259    |
| 8)                          | B Heptachlo...  | 5.493  | 4.559 | 187.0E6  | 59523256 | 48.104   | 49.561    |
| 9)                          | A Endosulfan I  | 5.877  | 4.927 | 177.3E6  | 57369036 | 47.248   | 49.893    |
| 10)                         | B gamma-Chl...  | 5.751  | 4.811 | 191.3E6  | 61662593 | 46.697   | 49.979    |
| 11)                         | B alpha-Chl...  | 5.829  | 4.874 | 191.0E6  | 62083626 | 47.040   | 49.648    |
| 12)                         | B 4,4'-DDE      | 6.013  | 5.074 | 165.5E6  | 53126898 | 47.708   | 51.754    |
| 13)                         | MA Dieldrin     | 6.154  | 5.192 | 186.2E6  | 60054417 | 47.365   | 50.331    |
| 14)                         | MA Endrin       | 6.382  | 5.466 | 159.2E6  | 55187677 | 46.227   | 50.385    |
| 15)                         | B Endosulfa...  | 6.605  | 5.764 | 155.8E6  | 54219819 | 43.824   | 49.400    |
| 16)                         | A 4,4'-DDD      | 6.533  | 5.630 | 128.3E6  | 43819140 | 48.189   | 51.432    |
| 17)                         | MA 4,4'-DDT     | 6.847  | 5.880 | 142.0E6  | 50691157 | 47.893   | 51.854    |
| 18)                         | B Endrin al...  | 6.737  | 5.945 | 123.7E6  | 45009908 | 46.668   | 48.049    |
| 19)                         | B Endosulfa...  | 6.972  | 6.170 | 146.7E6  | 52224997 | 43.717   | 48.082    |
| 20)                         | A Methoxychlor  | 7.333  | 6.464 | 75757892 | 30417164 | 47.471   | 50.850    |
| 21)                         | B Endrin ke...  | 7.454  | 6.671 | 158.6E6  | 63682299 | 46.537   | 49.701    |
| 22)                         | Mirex           | 7.926  | 6.848 | 149.1E6  | 62288856 | 52.777   | 54.797    |
| 23)                         | Chlordane-1     | 0.000  | 3.601 | 0        | 49714    | N.D.     | 1.419 #   |
| 24)                         | Chlordane-2     | 5.063f | 4.197 | 216.9E6  | 166569   | 1430.923 | 3.688 #   |
| 25)                         | Chlordane-3     | 5.751  | 4.811 | 191.3E6  | 61662593 | 330.767  | 522.954 # |
| 26)                         | Chlordane-4     | 5.829  | 4.874 | 191.0E6  | 62083626 | 267.130  | 486.264 # |
| 27)                         | Chlordane-5     | 0.000  | 5.545 | 0        | 52494    | N.D.     | 1.446 #   |
| -----                       |                 |        |       |          |          |          |           |

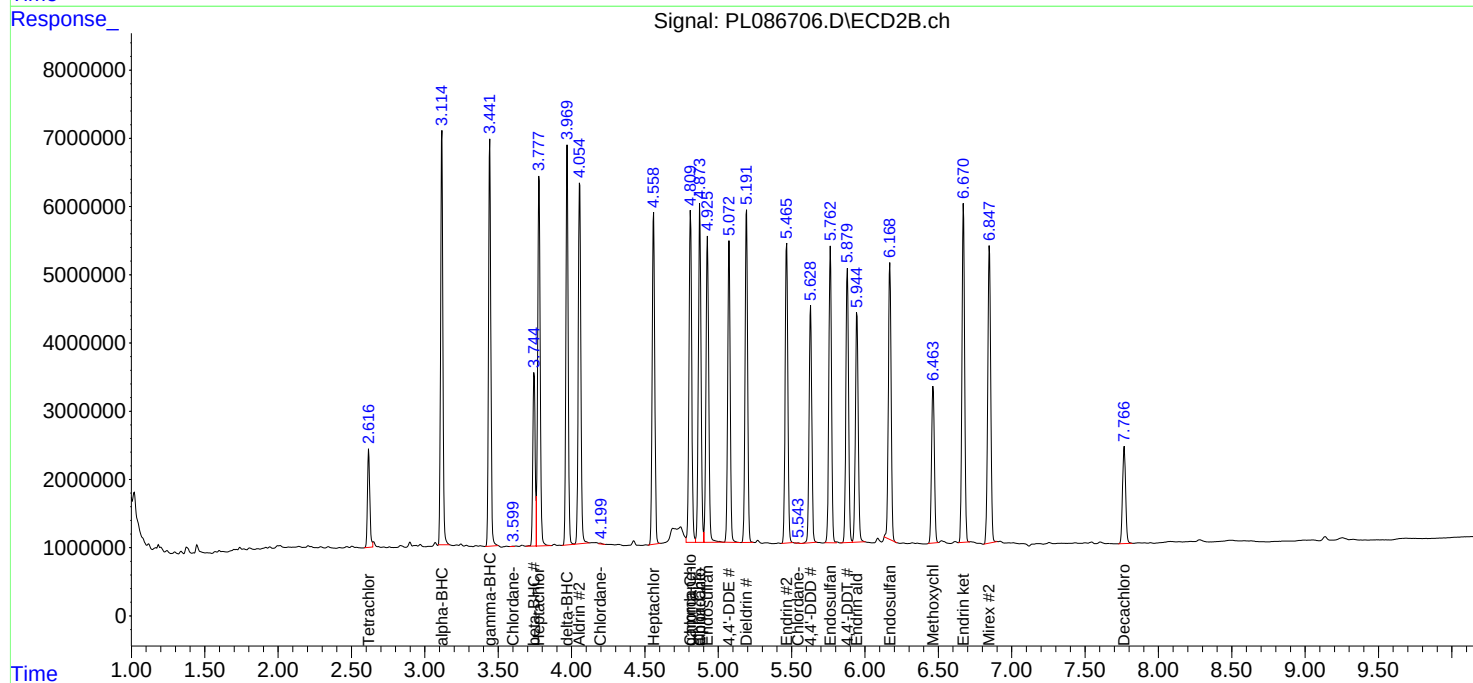
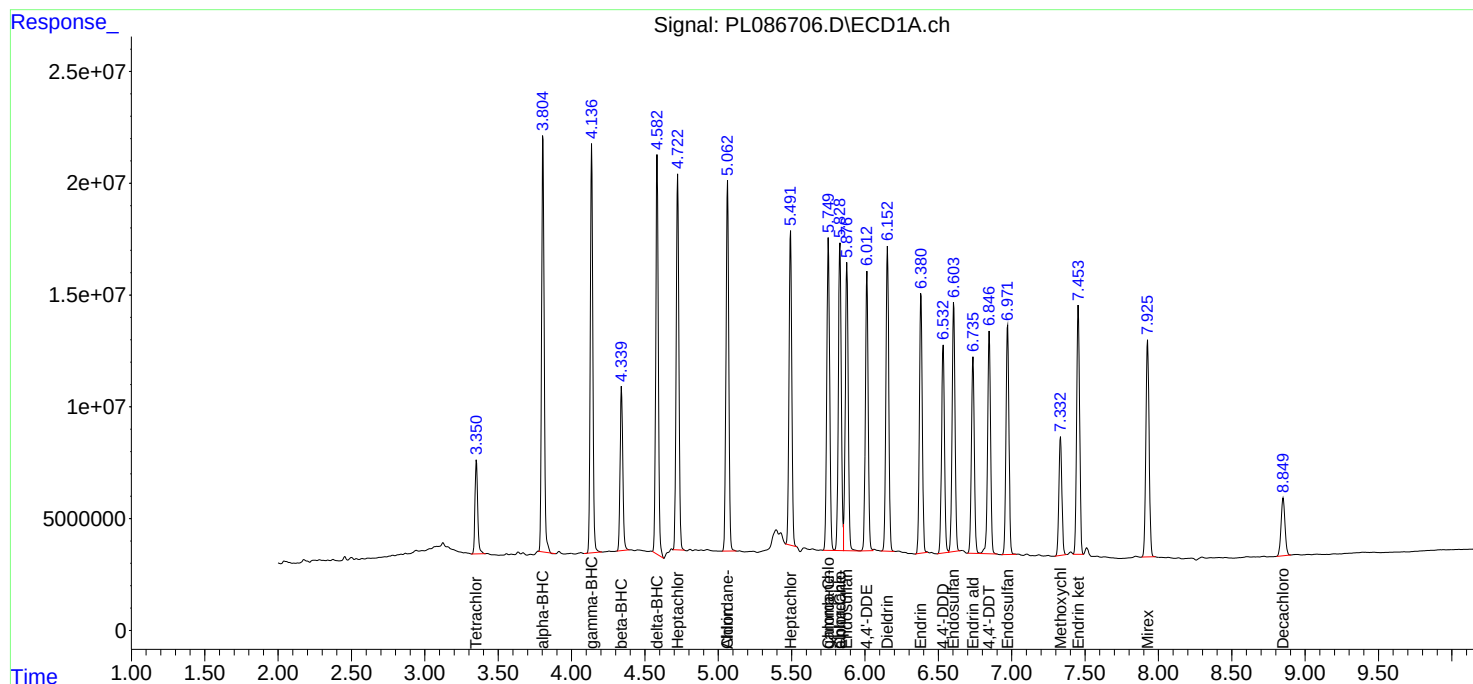
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

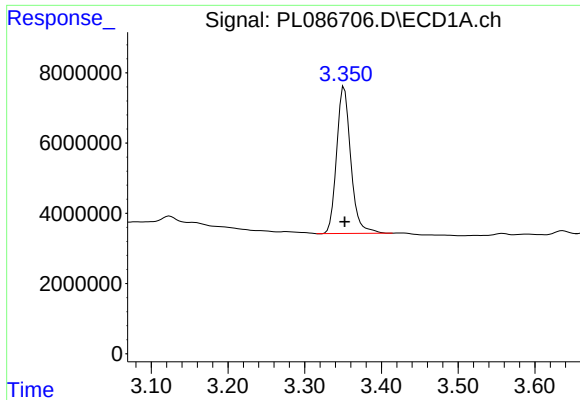
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111623\  
Data File : PL086706.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2023 17:31  
Operator : AR\AJ  
Sample : 05425-09MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 20:02:48 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 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

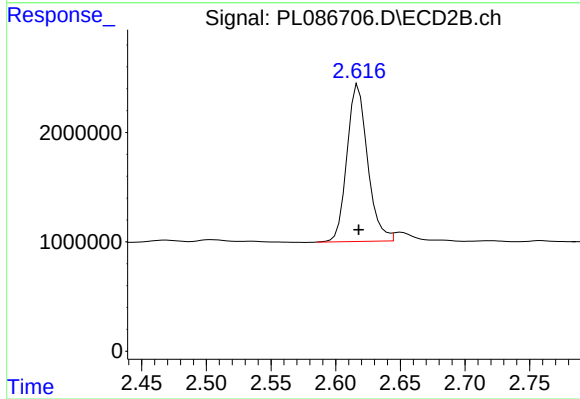




#1 Tetrachloro-m-xylene

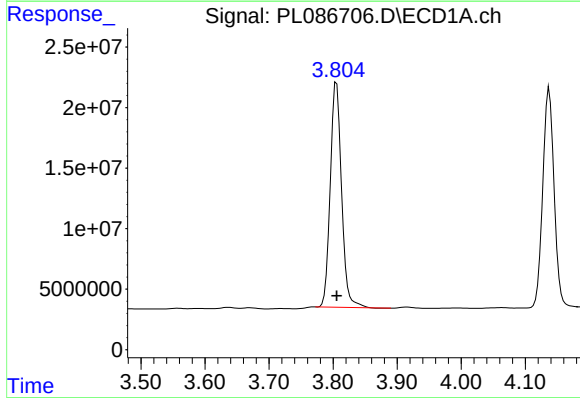
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 53650952  
Conc: 16.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



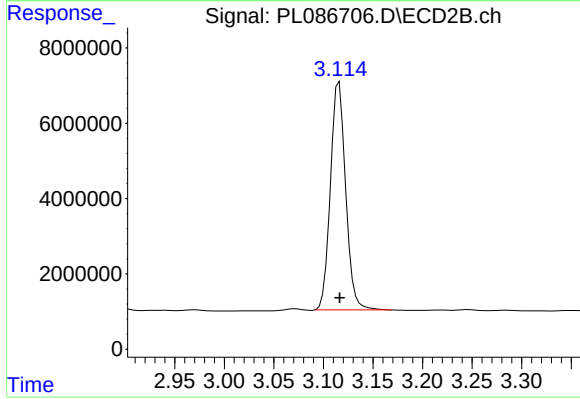
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 15878411  
Conc: 16.13 ng/ml



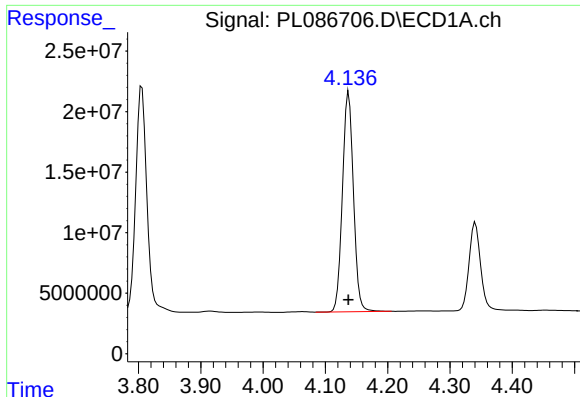
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 227636006  
Conc: 47.32 ng/ml



#2 alpha-BHC

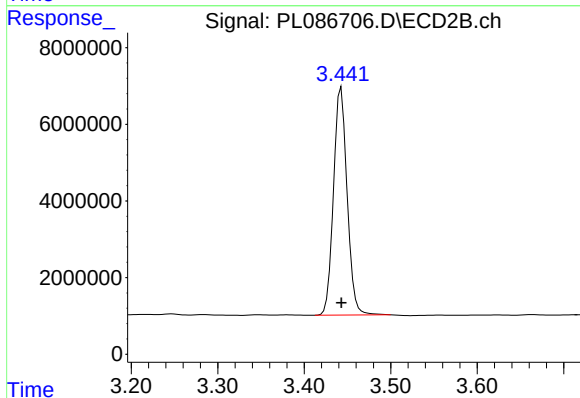
R.T.: 3.116 min  
Delta R.T.: 0.000 min  
Response: 64759380  
Conc: 48.58 ng/ml



#3 gamma-BHC (Lindane)

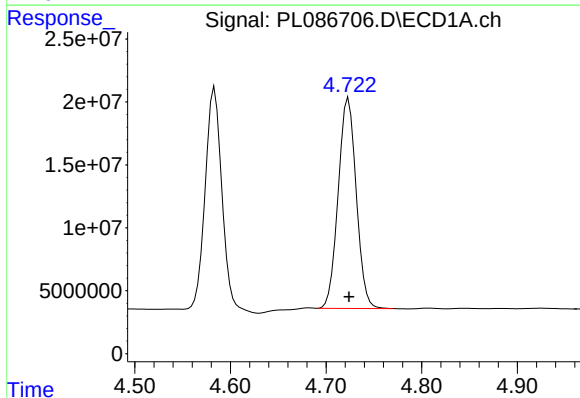
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 223377281  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



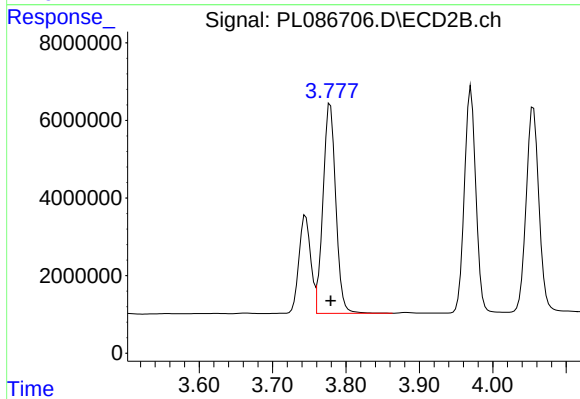
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 64846497  
Conc: 48.86 ng/ml



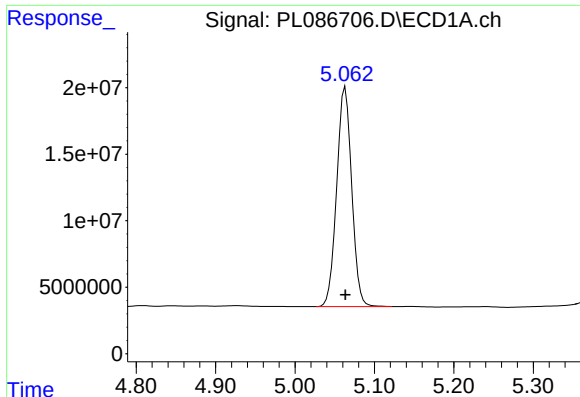
#4 Heptachlor

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 219355541  
Conc: 48.08 ng/ml



#4 Heptachlor

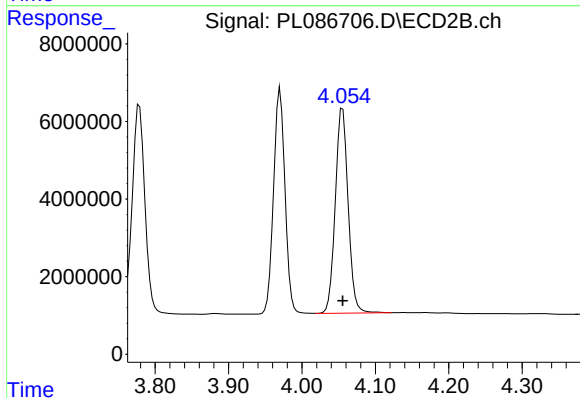
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 65593711  
Conc: 49.00 ng/ml



#5 Aldrin

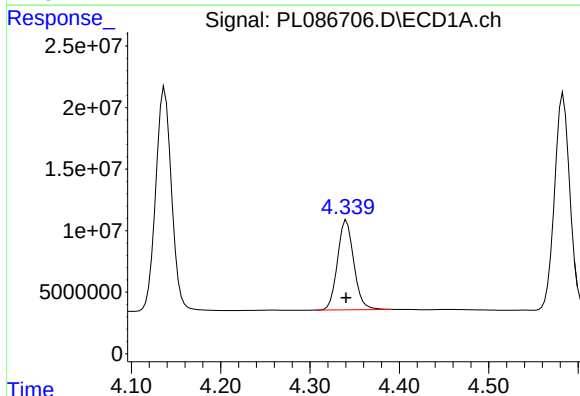
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 216886265  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



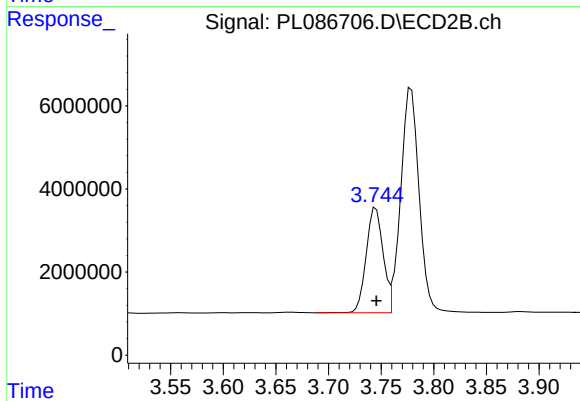
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 64424723  
Conc: 49.51 ng/ml



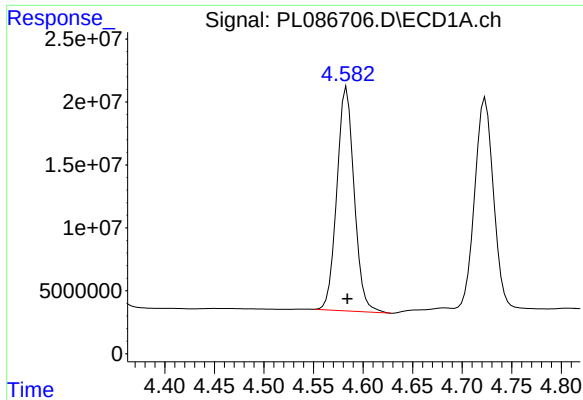
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 92322935  
Conc: 45.65 ng/ml



#6 beta-BHC

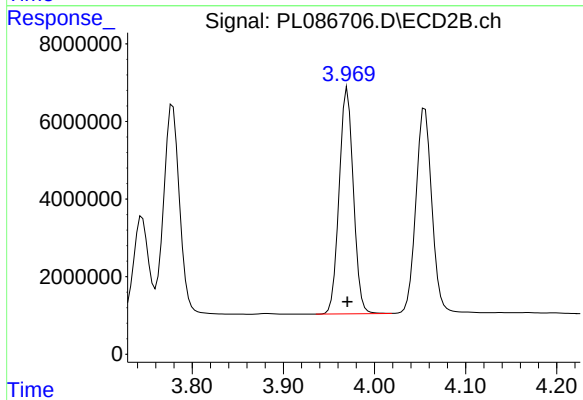
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 27976969  
Conc: 46.94 ng/ml



#7 delta-BHC

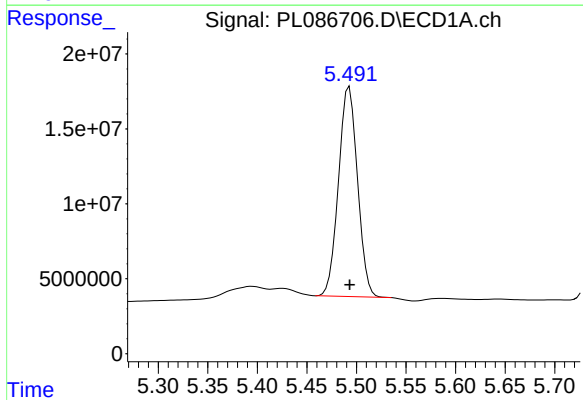
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 215549075  
Conc: 46.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



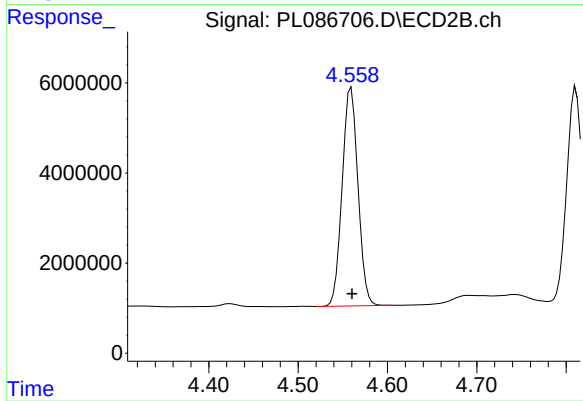
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 63135731  
Conc: 48.26 ng/ml



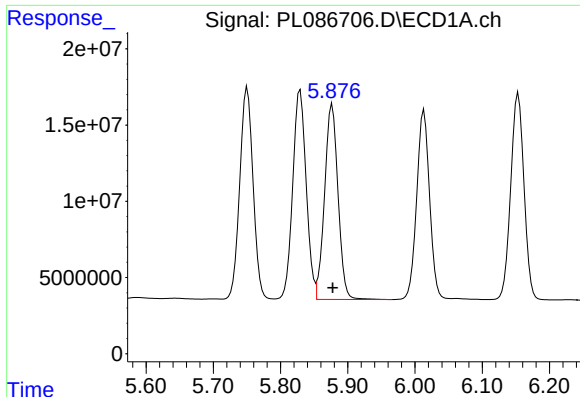
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 186997132  
Conc: 48.10 ng/ml



#8 Heptachlor epoxide

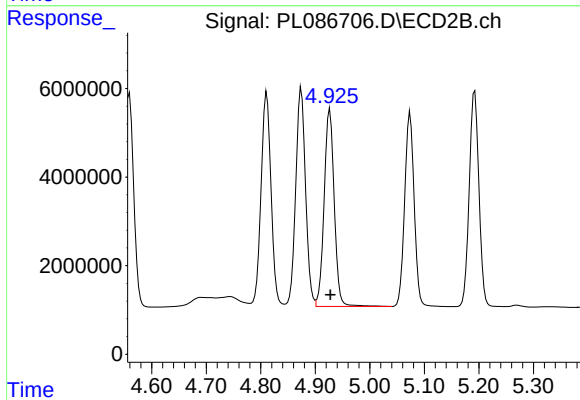
R.T.: 4.559 min  
Delta R.T.: -0.001 min  
Response: 59523256  
Conc: 49.56 ng/ml



#9 Endosulfan I

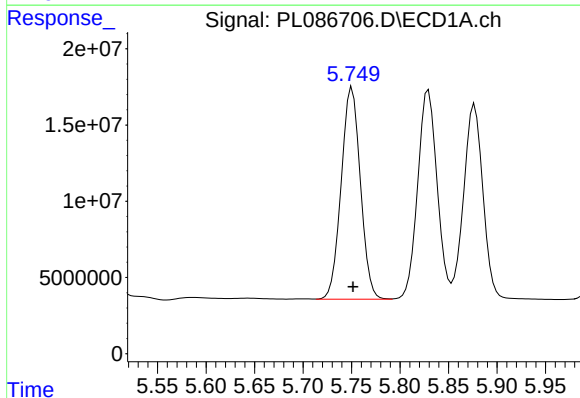
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 177254571  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



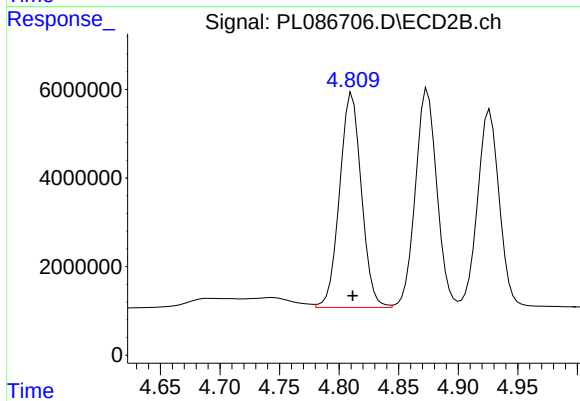
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: -0.001 min  
Response: 57369036  
Conc: 49.89 ng/ml



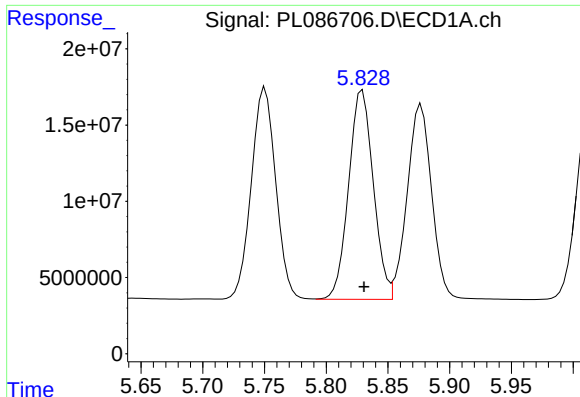
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 191328443  
Conc: 46.70 ng/ml



#10 gamma-Chlordane

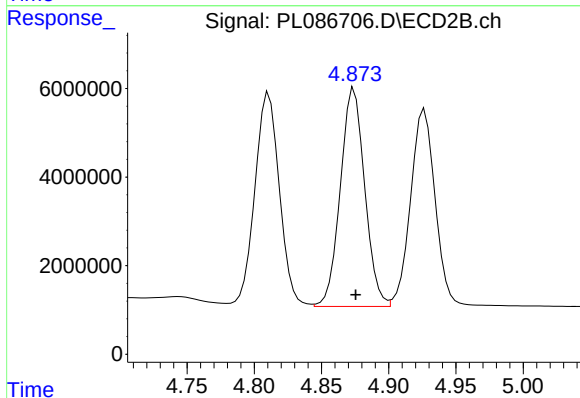
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 61662593  
Conc: 49.98 ng/ml



#11 alpha-Chlordane

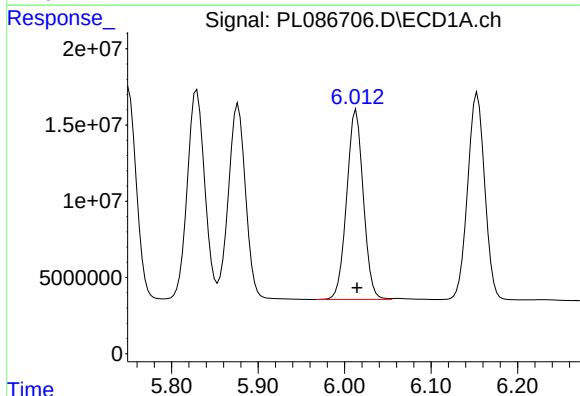
R.T.: 5.829 min  
Delta R.T.: -0.001 min  
Response: 190979175  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



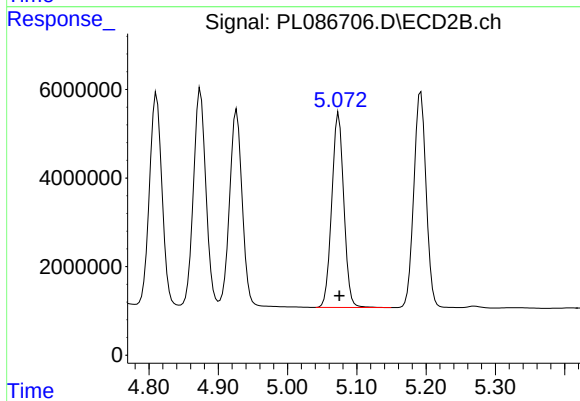
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 62083626  
Conc: 49.65 ng/ml



#12 4,4'-DDE

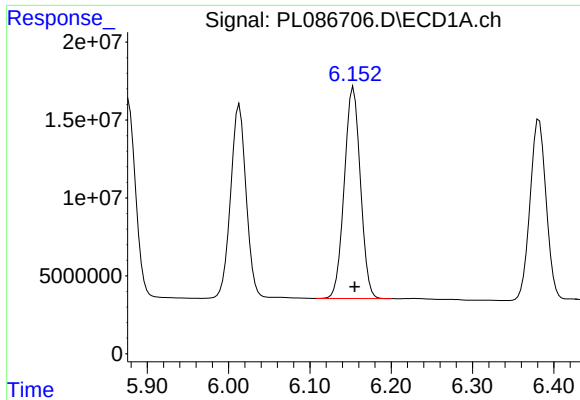
R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 165463358  
Conc: 47.71 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 53126898  
Conc: 51.75 ng/ml

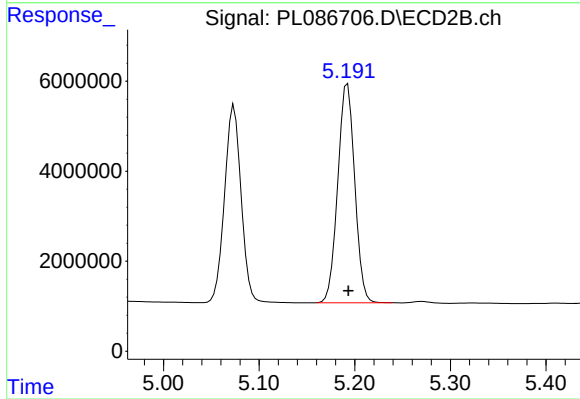




#13 Dieldrin

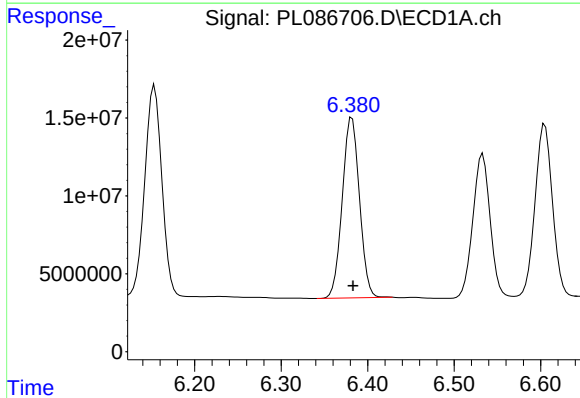
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 186237568  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



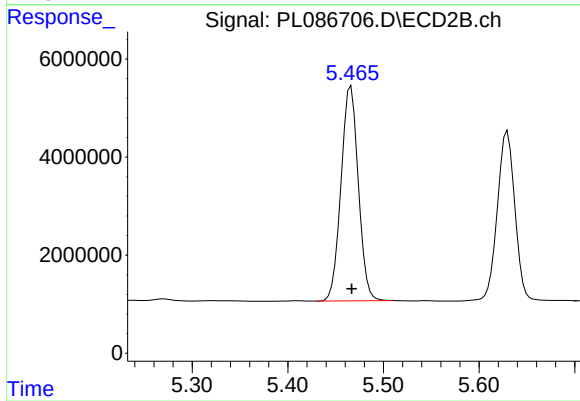
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 60054417  
Conc: 50.33 ng/ml



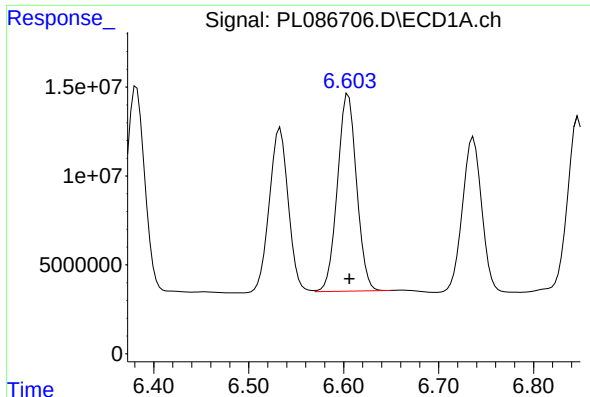
#14 Endrin

R.T.: 6.382 min  
Delta R.T.: -0.001 min  
Response: 159223281  
Conc: 46.23 ng/ml



#14 Endrin

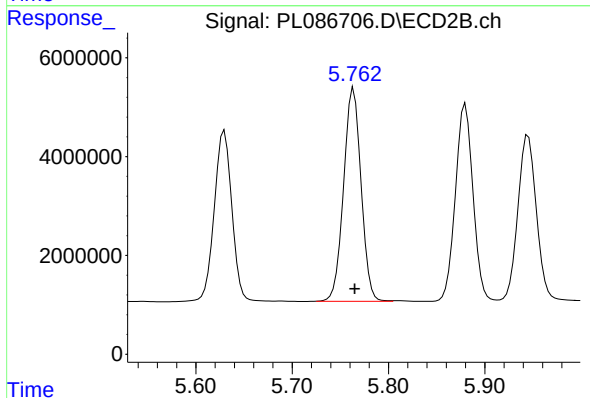
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 55187677  
Conc: 50.38 ng/ml



#15 Endosulfan II

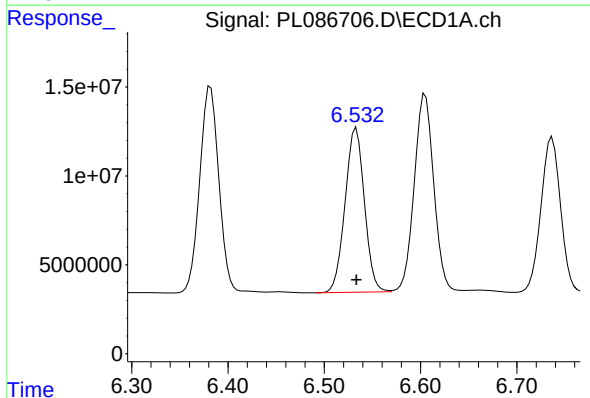
R.T.: 6.605 min  
Delta R.T.: -0.001 min  
Response: 155766905  
Conc: 43.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



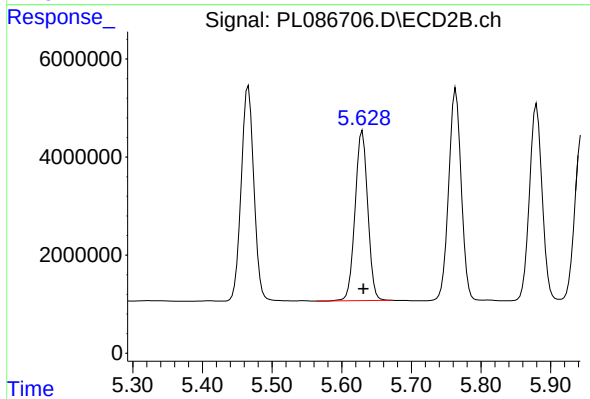
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: -0.001 min  
Response: 54219819  
Conc: 49.40 ng/ml



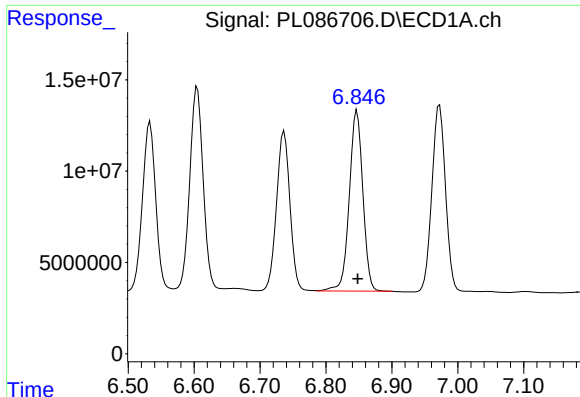
#16 4,4'-DDD

R.T.: 6.533 min  
Delta R.T.: 0.000 min  
Response: 128316435  
Conc: 48.19 ng/ml



#16 4,4'-DDD

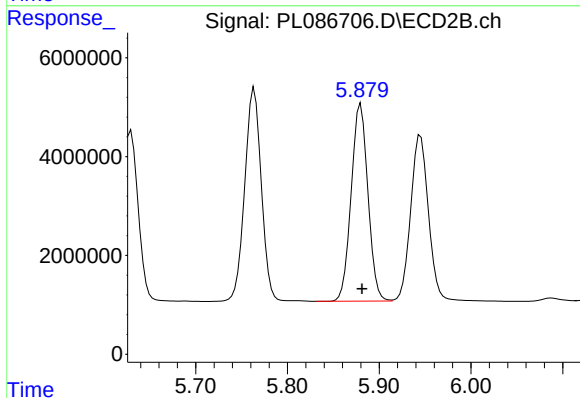
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 43819140  
Conc: 51.43 ng/ml



#17 4,4'-DDT

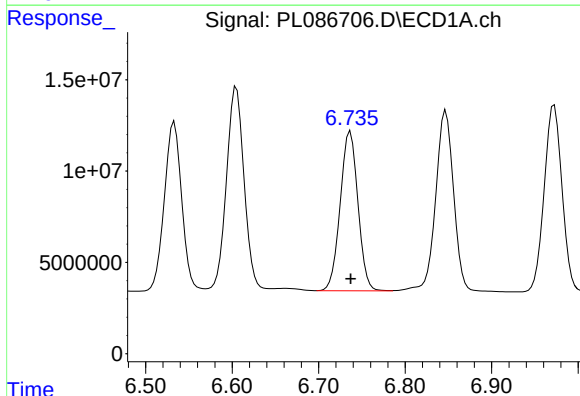
R.T.: 6.847 min  
Delta R.T.: -0.001 min  
Response: 141969515  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



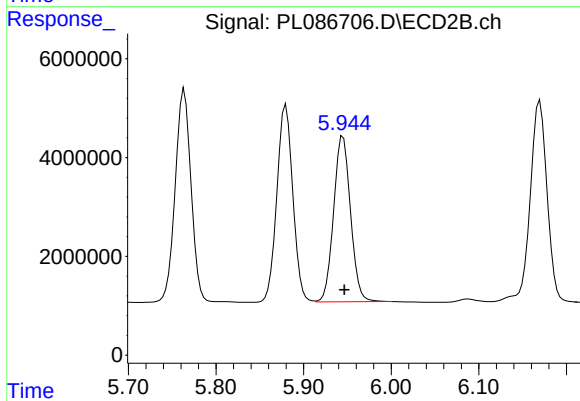
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.002 min  
Response: 50691157  
Conc: 51.85 ng/ml



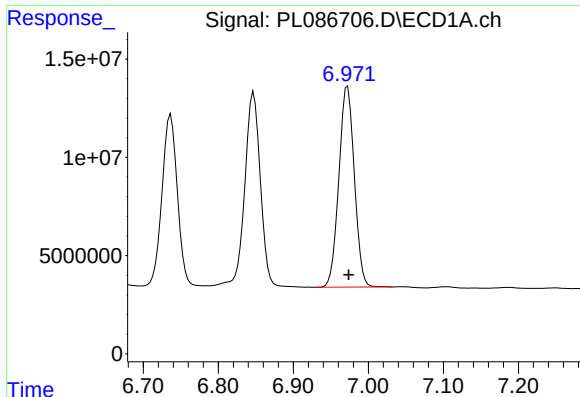
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 123724476  
Conc: 46.67 ng/ml



#18 Endrin aldehyde

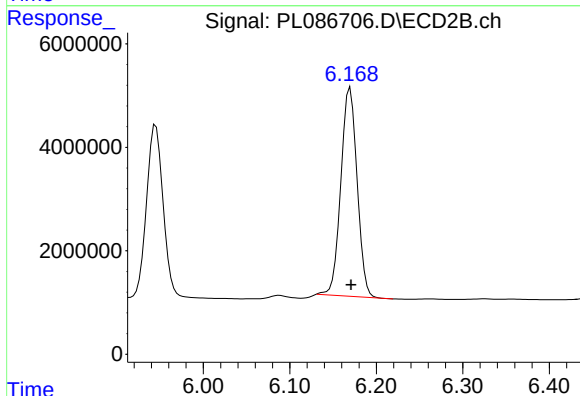
R.T.: 5.945 min  
Delta R.T.: -0.001 min  
Response: 45009908  
Conc: 48.05 ng/ml



#19 Endosulfan Sulfate

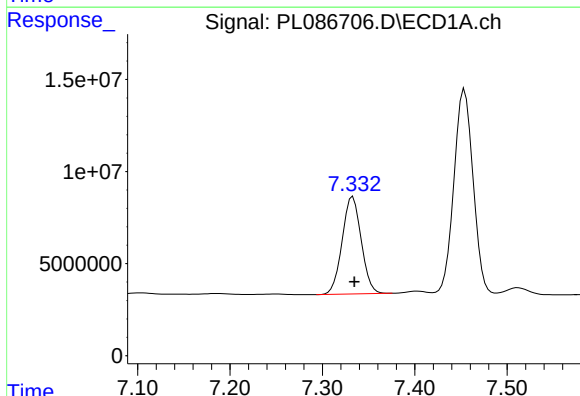
R.T.: 6.972 min  
Delta R.T.: -0.001 min  
Response: 146729116  
Conc: 43.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



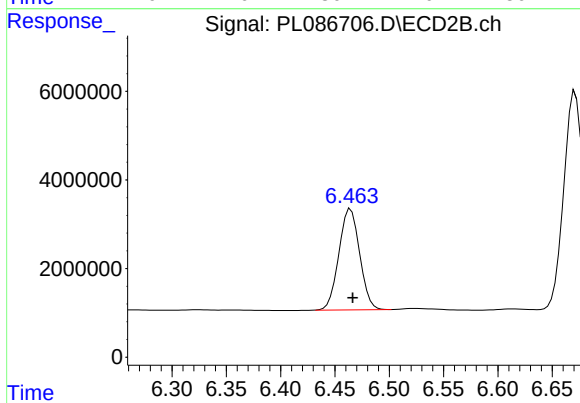
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: -0.001 min  
Response: 52224997  
Conc: 48.08 ng/ml



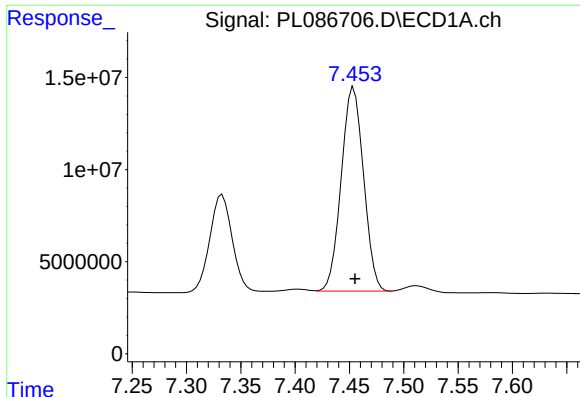
#20 Methoxychlor

R.T.: 7.333 min  
Delta R.T.: -0.002 min  
Response: 75757892  
Conc: 47.47 ng/ml



#20 Methoxychlor

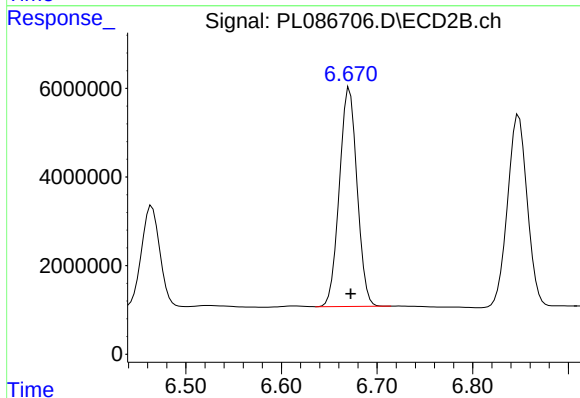
R.T.: 6.464 min  
Delta R.T.: -0.002 min  
Response: 30417164  
Conc: 50.85 ng/ml



#21 Endrin ketone

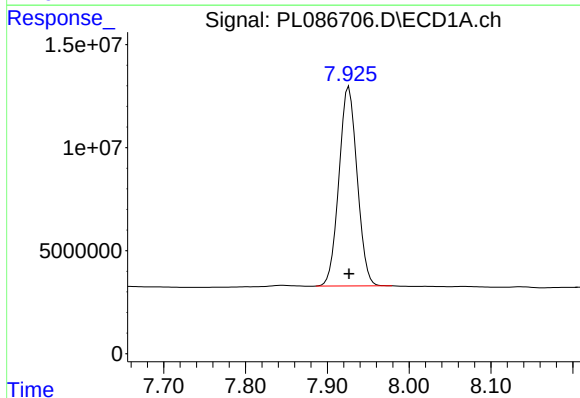
R.T.: 7.454 min  
Delta R.T.: -0.001 min  
Response: 158601277  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



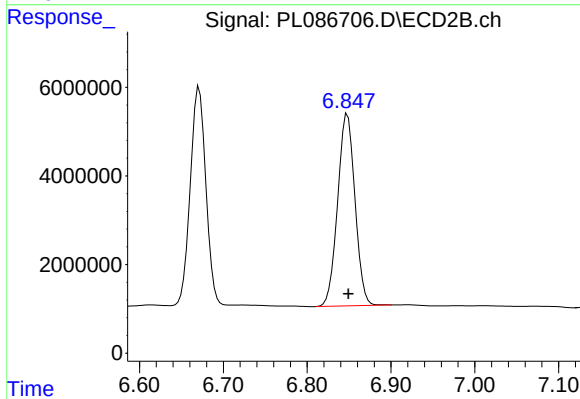
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: -0.001 min  
Response: 63682299  
Conc: 49.70 ng/ml



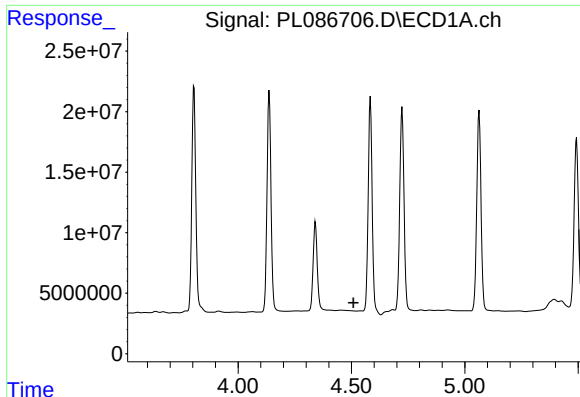
#22 Mirex

R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 149050341  
Conc: 52.78 ng/ml



#22 Mirex

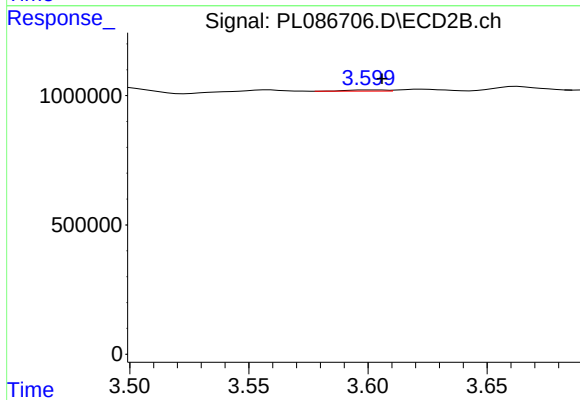
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 62288856  
Conc: 54.80 ng/ml



#23 Chlordane-1

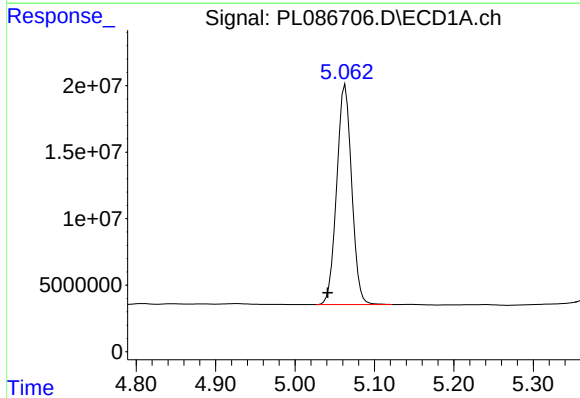
R.T.: 0.000 min  
Exp R.T.: 4.509 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



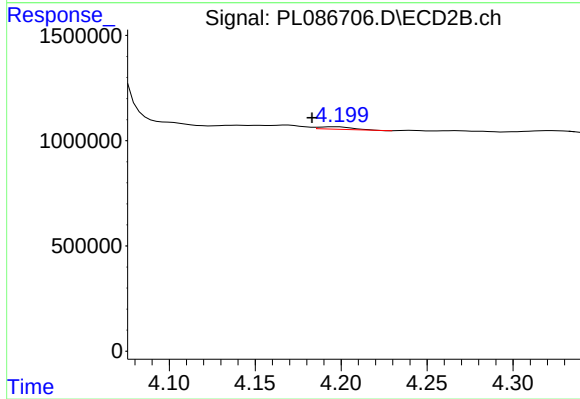
#23 Chlordane-1

R.T.: 3.601 min  
Delta R.T.: -0.005 min  
Response: 49714  
Conc: 1.42 ng/ml



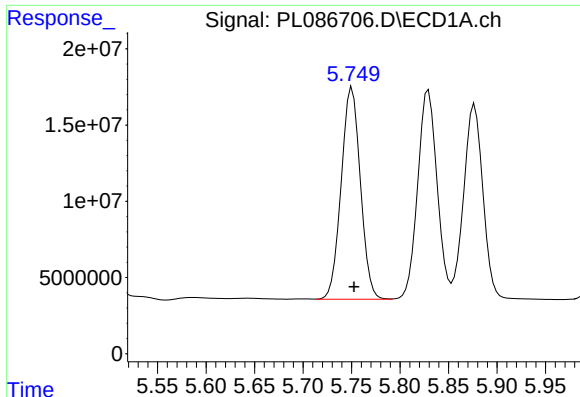
#24 Chlordane-2

R.T.: 5.063 min  
Delta R.T.: 0.022 min  
Response: 216886265  
Conc: 1430.92 ng/ml



#24 Chlordane-2

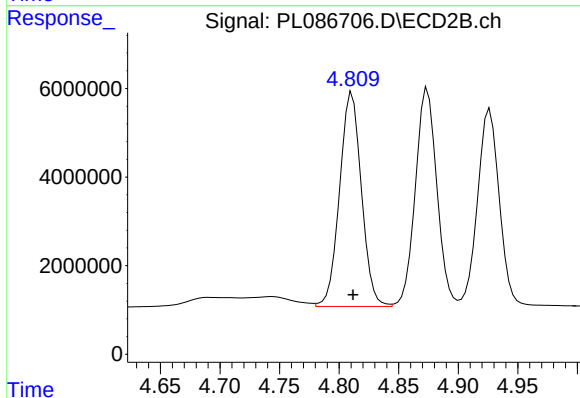
R.T.: 4.197 min  
Delta R.T.: 0.014 min  
Response: 166569  
Conc: 3.69 ng/ml



#25 Chlordane-3

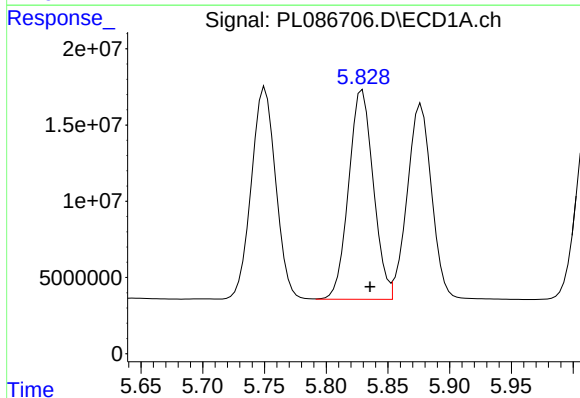
R.T.: 5.751 min  
Delta R.T.: -0.002 min  
Response: 191328443  
Conc: 330.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



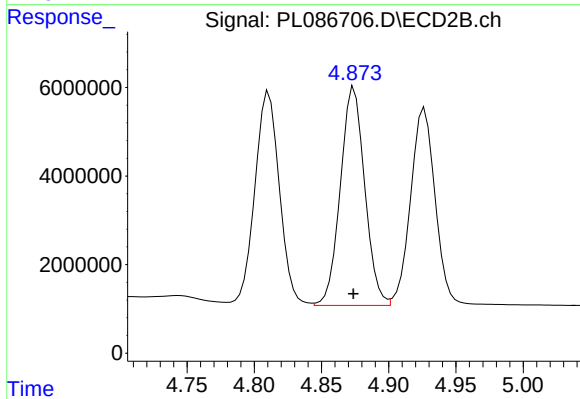
#25 Chlordane-3

R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 61662593  
Conc: 522.95 ng/ml



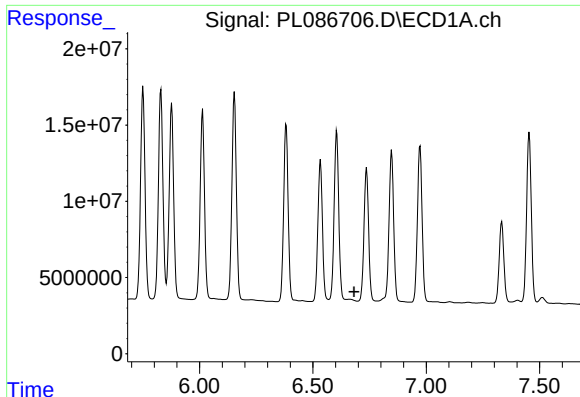
#26 Chlordane-4

R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 190979175  
Conc: 267.13 ng/ml



#26 Chlordane-4

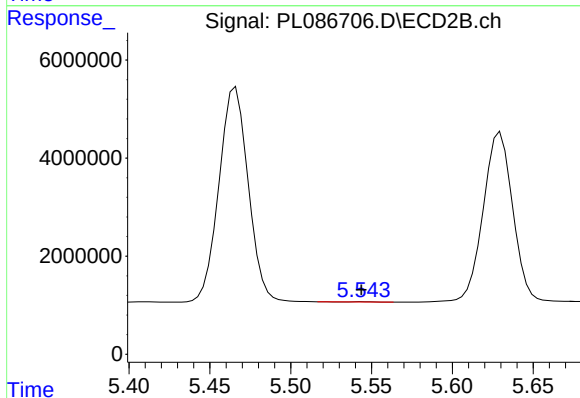
R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 62083626  
Conc: 486.26 ng/ml



#27 Chlordane-5

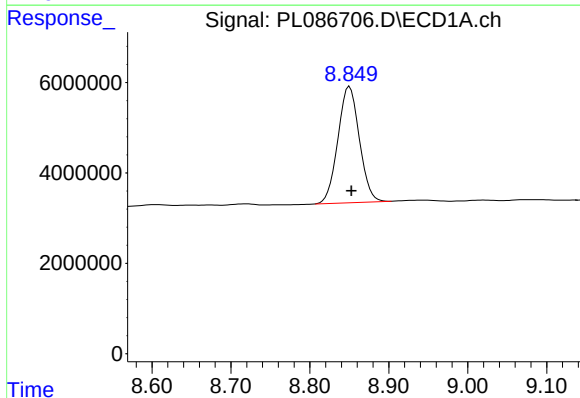
R.T.: 0.000 min  
Exp R.T.: 6.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



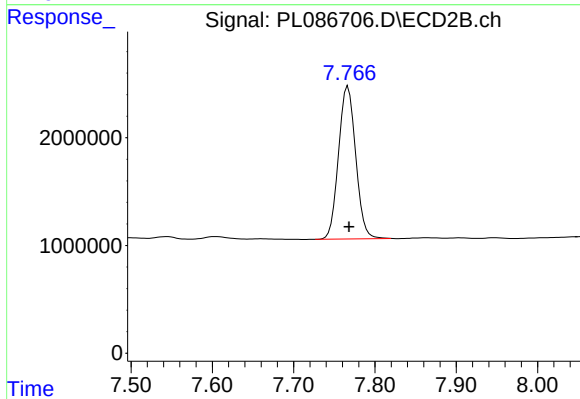
#27 Chlordane-5

R.T.: 5.545 min  
Delta R.T.: 0.001 min  
Response: 52494  
Conc: 1.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.850 min  
Delta R.T.: -0.002 min  
Response: 48603812  
Conc: 16.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 20776267  
Conc: 17.20 ng/ml