

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
 Data File : PL084141.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2023 01:58  
 Operator : AR\AJ  
 Sample : 03706-06  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 03:57:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.475  | 2.688 | 33888706 | 16386381 | 16.945  | 14.755    |
| 28)                         | SA Decachlor... | 9.026  | 7.871 | 18172313 | 14800522 | 13.961  | 13.320    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.933  | 3.193 | 146.7E6  | 73141155 | 50.061  | 45.490    |
| 3)                          | MA gamma-BHC... | 4.267  | 3.524 | 136.1E6  | 68614294 | 48.155  | 45.120    |
| 4)                          | MA Heptachlor   | 4.860  | 3.865 | 154.8E6  | 66051844 | 56.971  | 56.048    |
| 5)                          | MB Aldrin       | 5.203  | 4.145 | 143.9E6  | 68254571 | 50.238  | 45.266    |
| 6)                          | B beta-BHC      | 4.466  | 3.826 | 62607196 | 30565659 | 52.179  | 46.307    |
| 7)                          | B delta-BHC     | 4.713  | 4.054 | 132.6E6  | 64134599 | 49.758  | 42.399    |
| 8)                          | B Heptachlo...  | 5.633  | 4.652 | 133.1E6  | 60204377 | 49.856  | 46.882    |
| 9)                          | A Endosulfan I  | 6.019  | 5.022 | 117.0E6  | 57119524 | 49.405  | 46.570    |
| 10)                         | B gamma-Chl...  | 5.890  | 4.905 | 128.6E6  | 62998051 | 49.809  | 47.290    |
| 11)                         | B alpha-Chl...  | 5.970  | 4.970 | 125.3E6  | 62514966 | 49.306  | 46.406    |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.168 | 105.2E6  | 58113442 | 52.306  | 47.310    |
| 13)                         | MA Dieldrin     | 6.295  | 5.290 | 113.5E6  | 60751797 | 47.490  | 46.648    |
| 14)                         | MA Endrin       | 6.525  | 5.565 | 92631881 | 54417414 | 48.640  | 49.505    |
| 15)                         | B Endosulfa...  | 6.745  | 5.863 | 85855145 | 52447680 | 45.806  | 45.633    |
| 16)                         | A 4,4'-DDD      | 6.667  | 5.726 | 79866087 | 49508843 | 54.385  | 51.607    |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.978 | 80158759 | 50003483 | 50.263  | 54.901    |
| 18)                         | B Endrin al...  | 6.876  | 6.045 | 70815481 | 42734255 | 48.335  | 47.539    |
| 19)                         | B Endosulfa...  | 7.112  | 6.270 | 84009101 | 52501935 | 48.597  | 47.771    |
| 20)                         | A Methoxychlor  | 7.465  | 6.563 | 38475210 | 27951361 | 49.187  | 58.324    |
| 21)                         | B Endrin ke...  | 7.596  | 6.774 | 83877980 | 64780419 | 47.863  | 50.136    |
| 22)                         | Mirex           | 8.072  | 6.955 | 68638620 | 49706766 | 47.967  | 48.700    |
| 23)                         | Chlordane-1     | 0.000  | 3.688 | 0        | 1947     | N.D.    | 0.005 #   |
| 24)                         | Chlordane-2     | 5.203f | 4.283 | 143.9E6  | 47493    | 180.105 | 0.112 #   |
| 25)                         | Chlordane-3     | 5.890  | 4.905 | 128.6E6  | 62998051 | 36.637  | 45.947 #  |
| 26)                         | Chlordane-4     | 5.970  | 4.970 | 125.3E6  | 62514966 | 30.705  | 43.635 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.863 | 0        | 52447680 | N.D.    | 114.291 # |
| -----                       |                 |        |       |          |          |         |           |

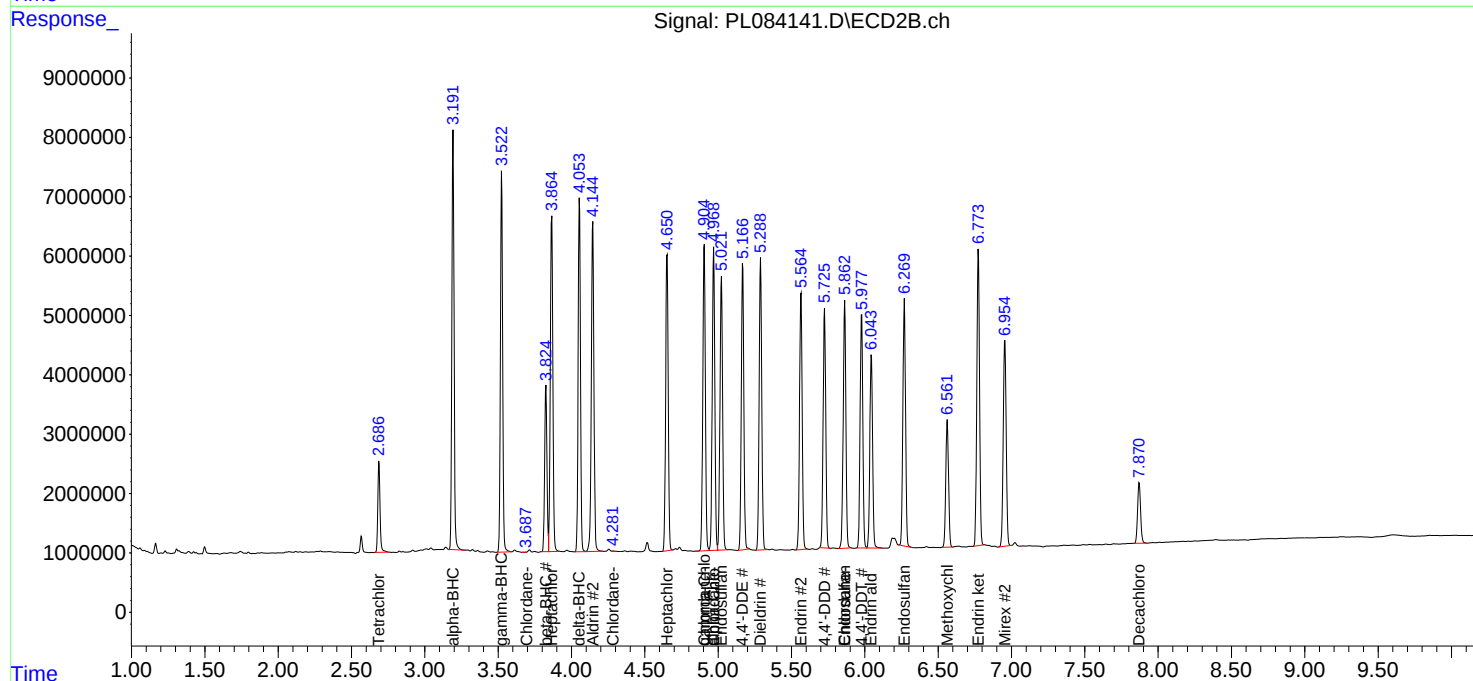
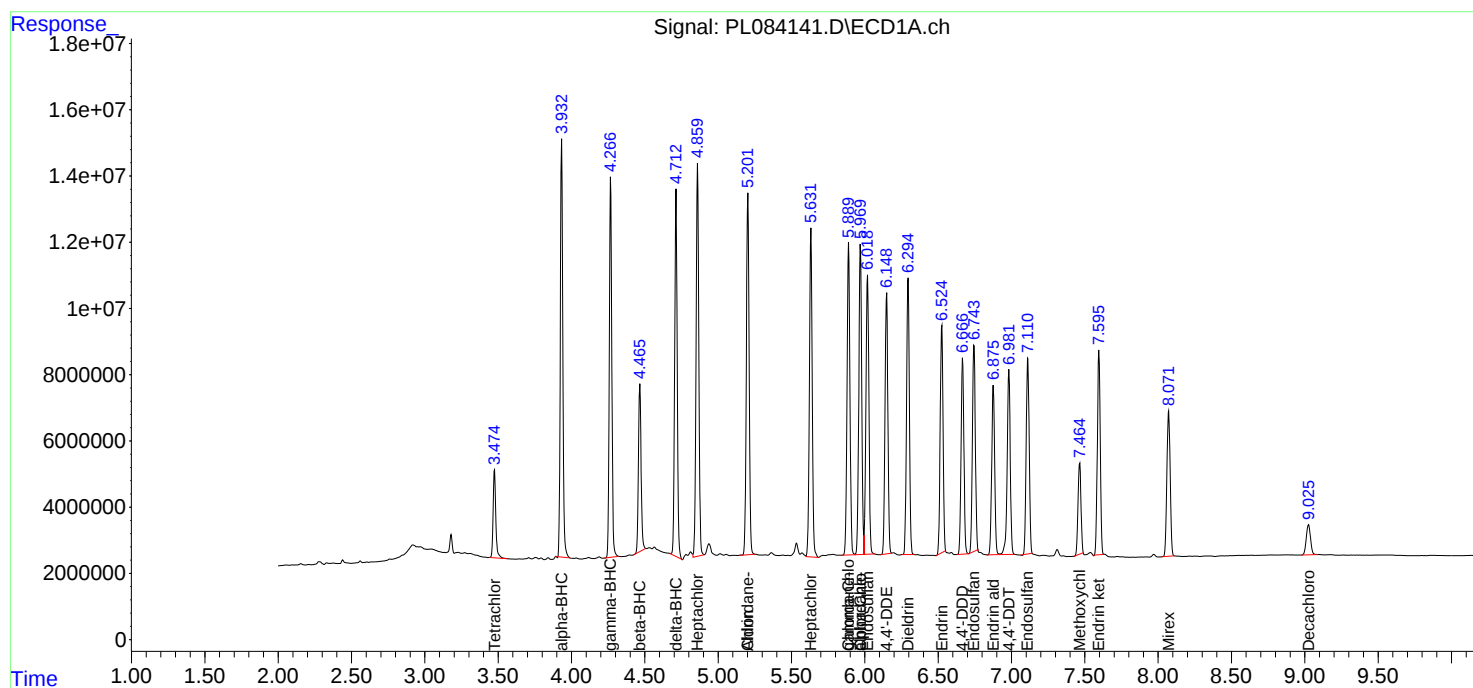
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

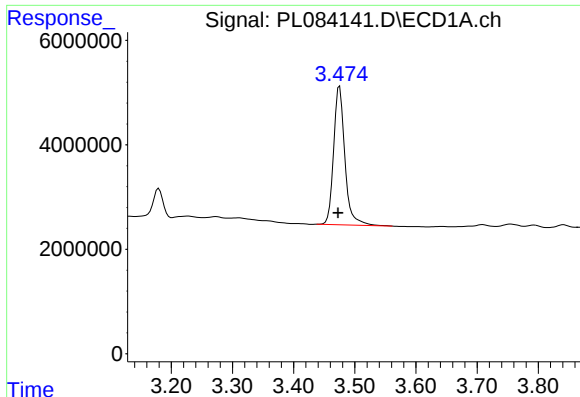
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
Data File : PL084141.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2023 01:58  
Operator : AR\AJ  
Sample : 03706-06  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 03:57:59 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

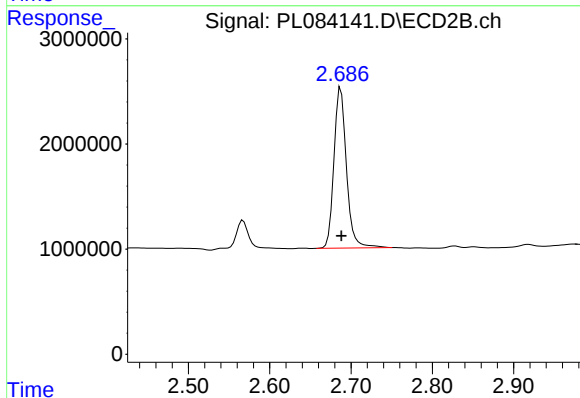




#1 Tetrachloro-m-xylene

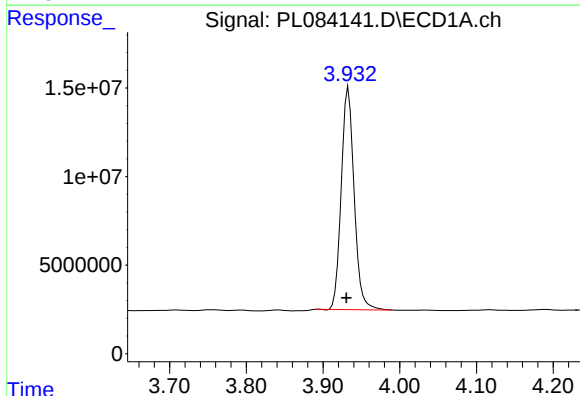
R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 33888706  
Conc: 16.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



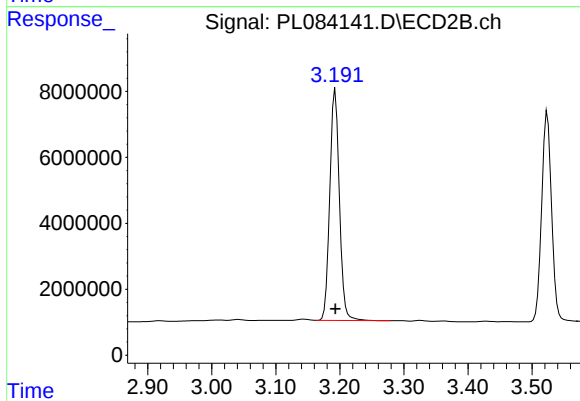
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 16386381  
Conc: 14.75 ng/ml



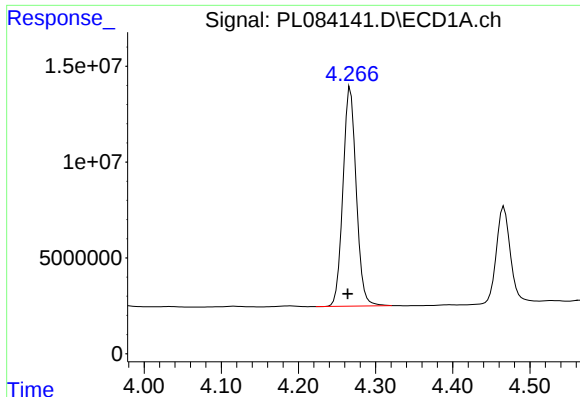
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.002 min  
Response: 146669590  
Conc: 50.06 ng/ml



#2 alpha-BHC

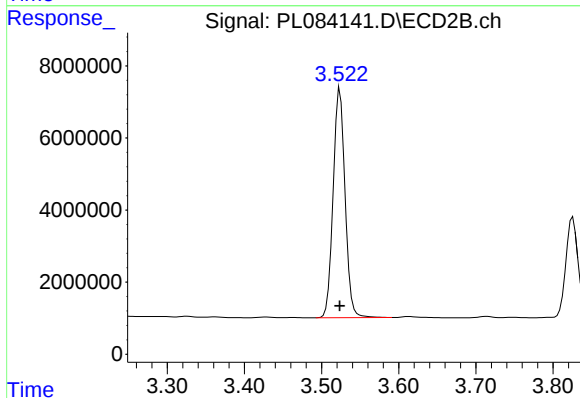
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 73141155  
Conc: 45.49 ng/ml



#3 gamma-BHC (Lindane)

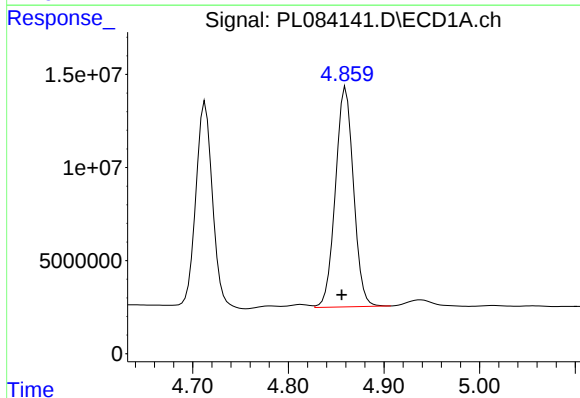
R.T.: 4.267 min  
Delta R.T.: 0.003 min  
Response: 136054249  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



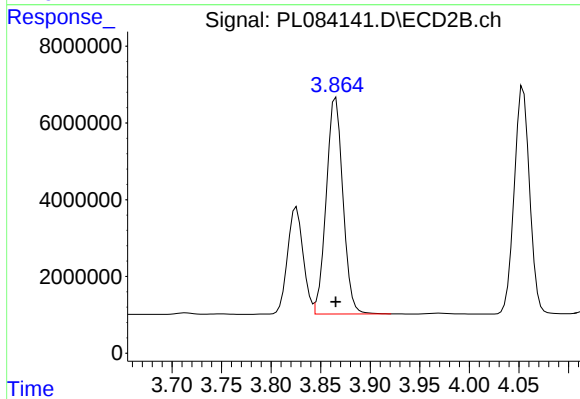
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 68614294  
Conc: 45.12 ng/ml



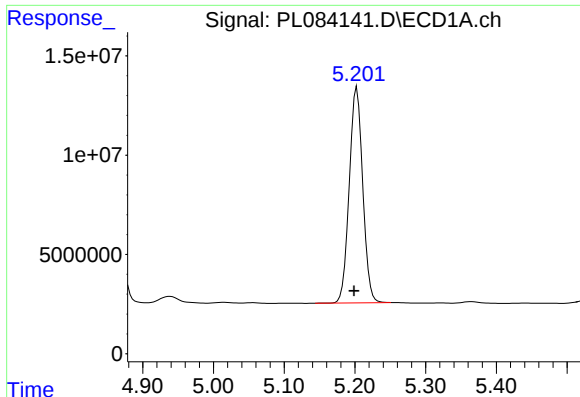
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.004 min  
Response: 154822279  
Conc: 56.97 ng/ml



#4 Heptachlor

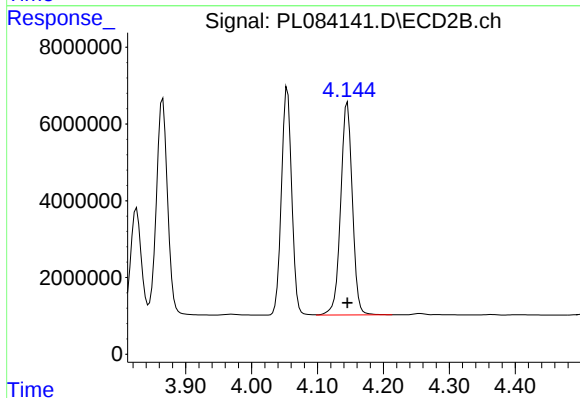
R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 66051844  
Conc: 56.05 ng/ml



#5 Aldrin

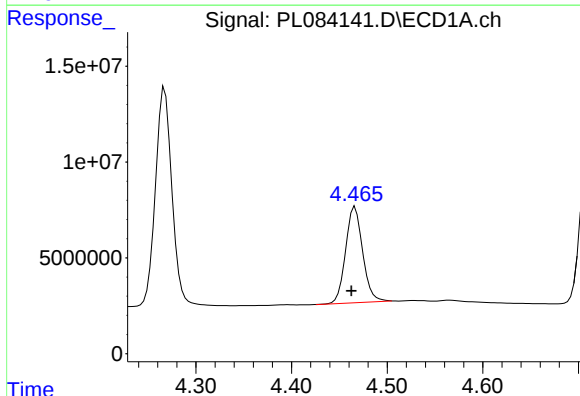
R.T.: 5.203 min  
Delta R.T.: 0.004 min  
Response: 143892945  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



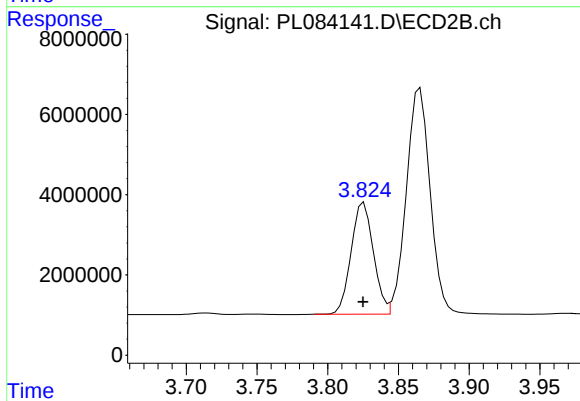
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 68254571  
Conc: 45.27 ng/ml



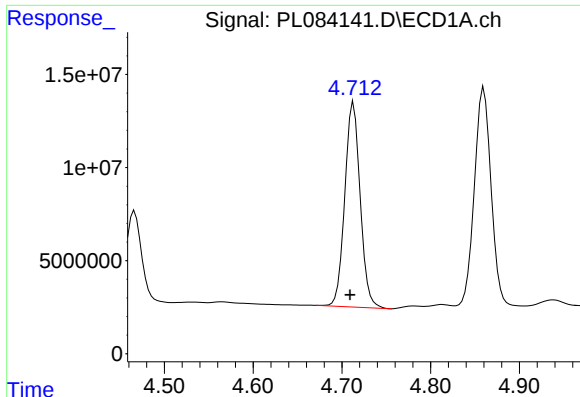
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.004 min  
Response: 62607196  
Conc: 52.18 ng/ml



#6 beta-BHC

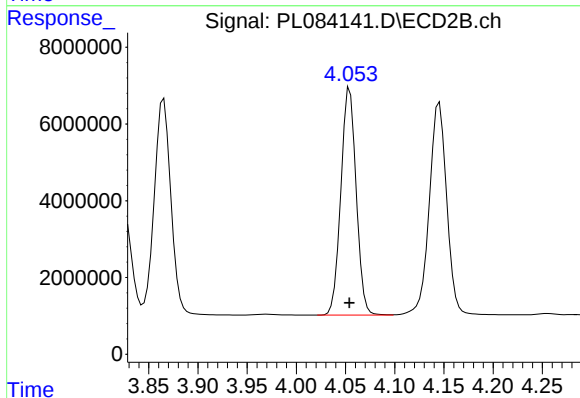
R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 30565659  
Conc: 46.31 ng/ml



#7 delta-BHC

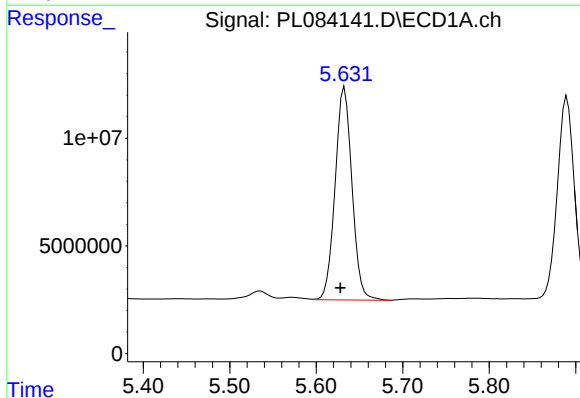
R.T.: 4.713 min  
Delta R.T.: 0.004 min  
Response: 132644025  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



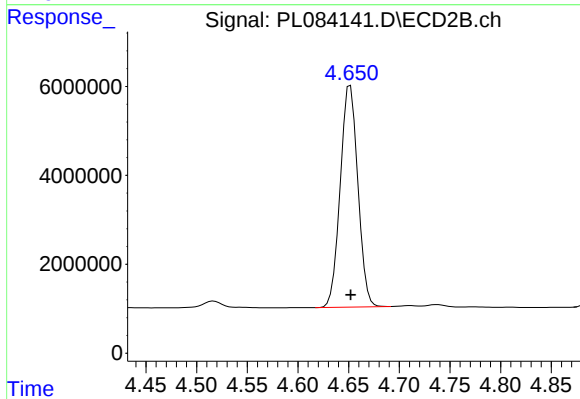
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 64134599  
Conc: 42.40 ng/ml



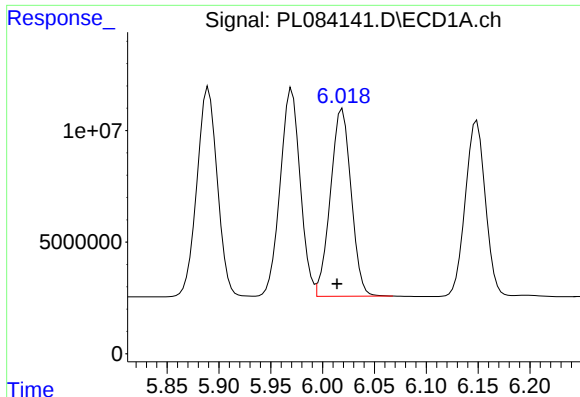
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.005 min  
Response: 133096004  
Conc: 49.86 ng/ml



#8 Heptachlor epoxide

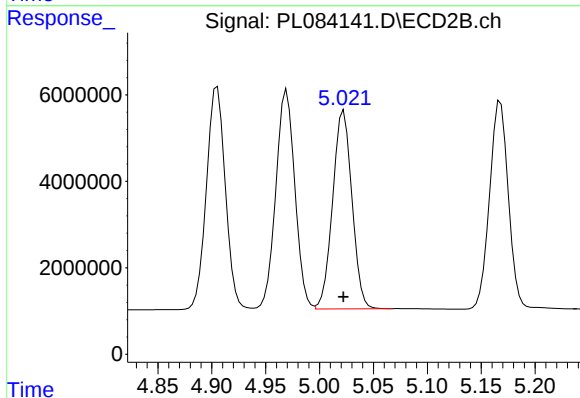
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 60204377  
Conc: 46.88 ng/ml



#9 Endosulfan I

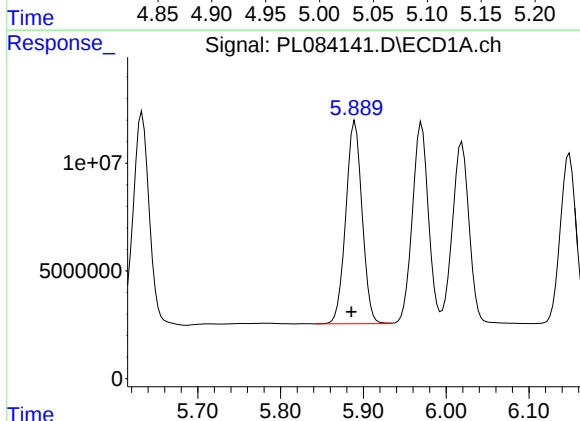
R.T.: 6.019 min  
Delta R.T.: 0.005 min  
Response: 117001449  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



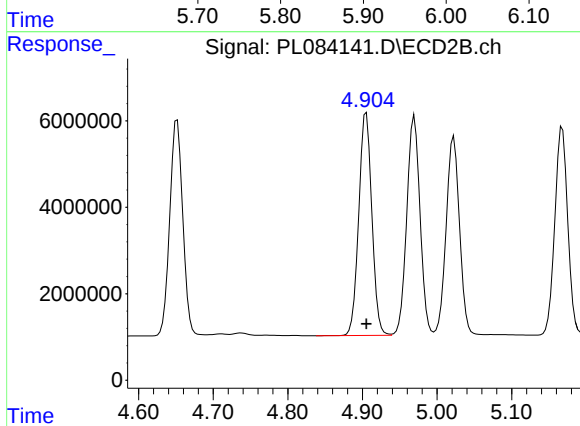
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 57119524  
Conc: 46.57 ng/ml



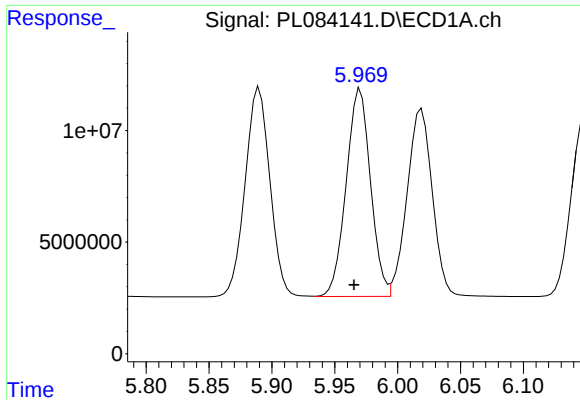
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.004 min  
Response: 128603107  
Conc: 49.81 ng/ml



#10 gamma-Chlordane

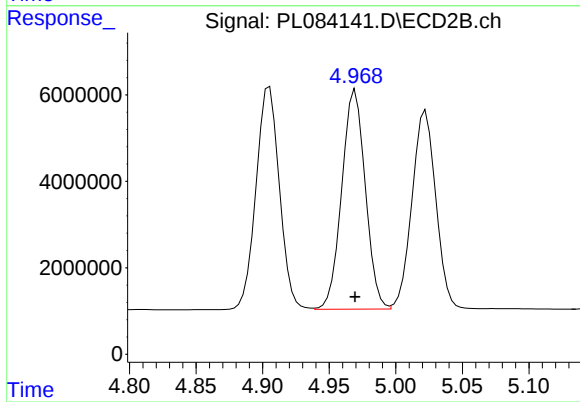
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 62998051  
Conc: 47.29 ng/ml



#11 alpha-Chlordane

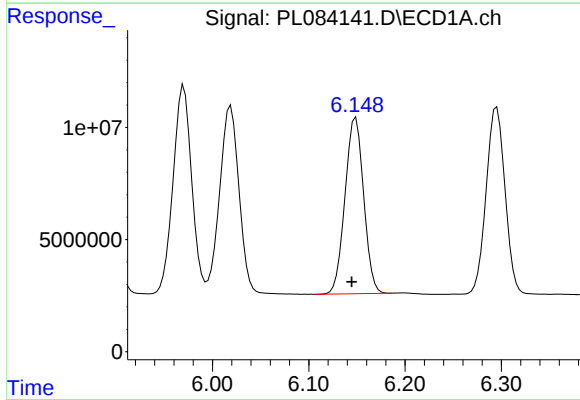
R.T.: 5.970 min  
Delta R.T.: 0.005 min  
Response: 125339762  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



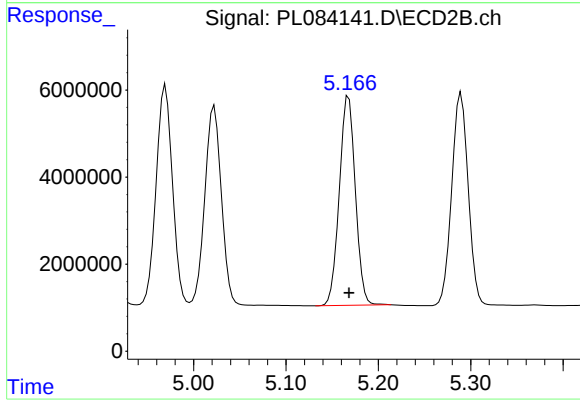
#11 alpha-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 62514966  
Conc: 46.41 ng/ml



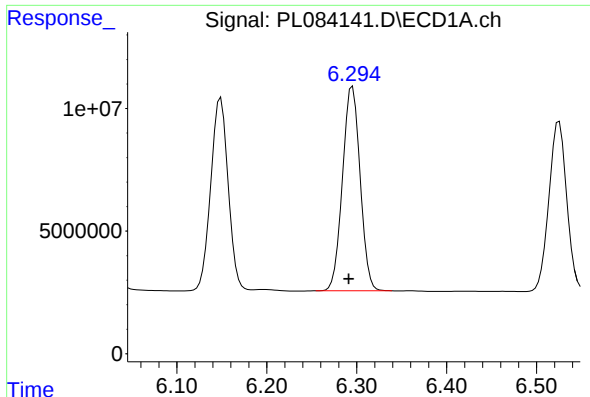
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.004 min  
Response: 105239622  
Conc: 52.31 ng/ml



#12 4,4'-DDE

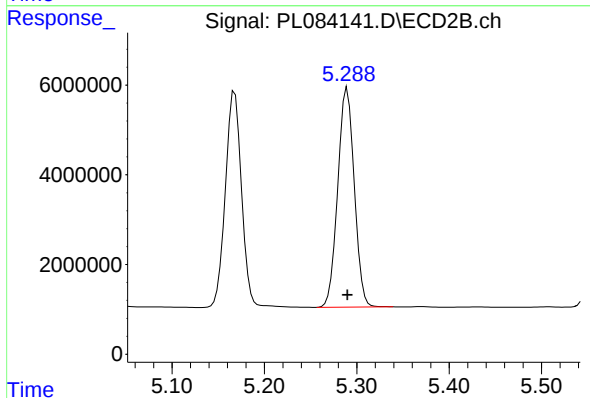
R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 58113442  
Conc: 47.31 ng/ml



#13 Dieldrin

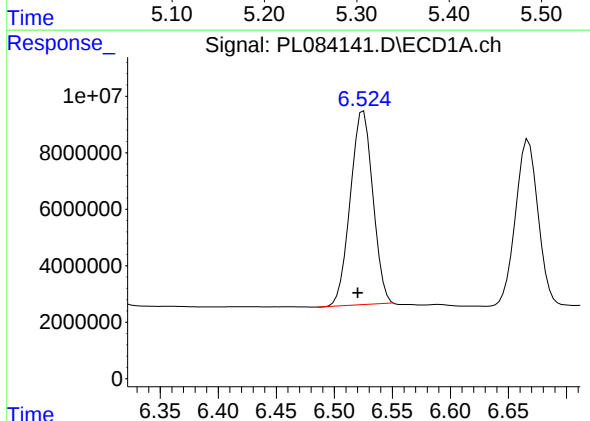
R.T.: 6.295 min  
Delta R.T.: 0.004 min  
Response: 113480514  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



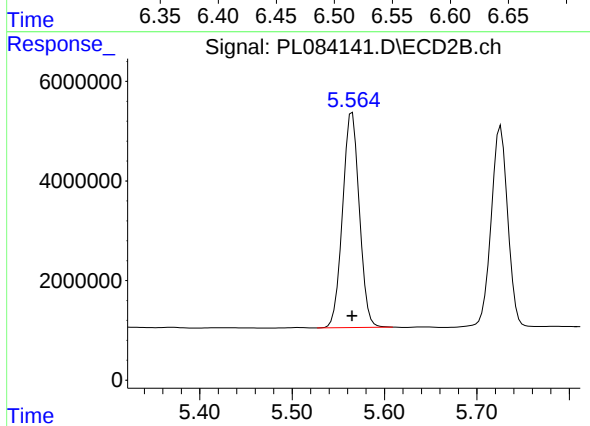
#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 60751797  
Conc: 46.65 ng/ml



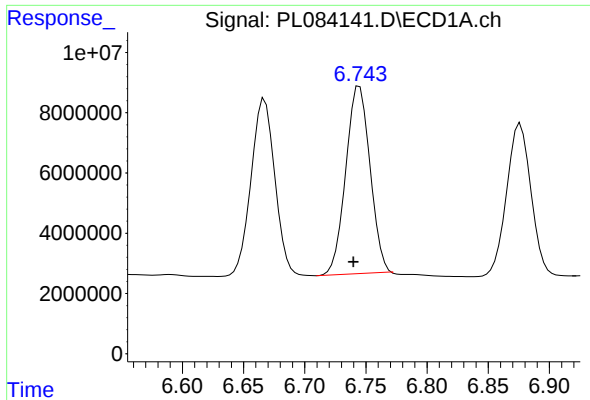
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.005 min  
Response: 92631881  
Conc: 48.64 ng/ml



#14 Endrin

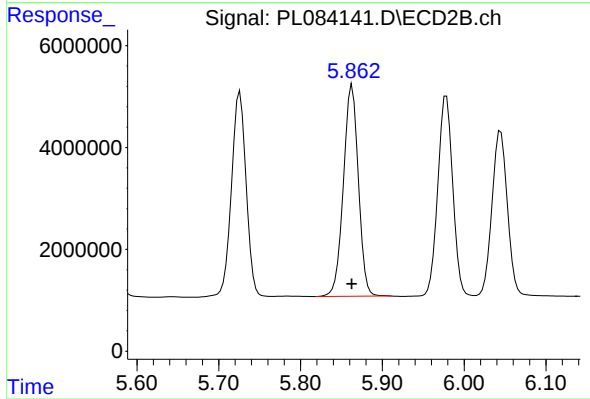
R.T.: 5.565 min  
Delta R.T.: 0.000 min  
Response: 54417414  
Conc: 49.50 ng/ml



#15 Endosulfan II

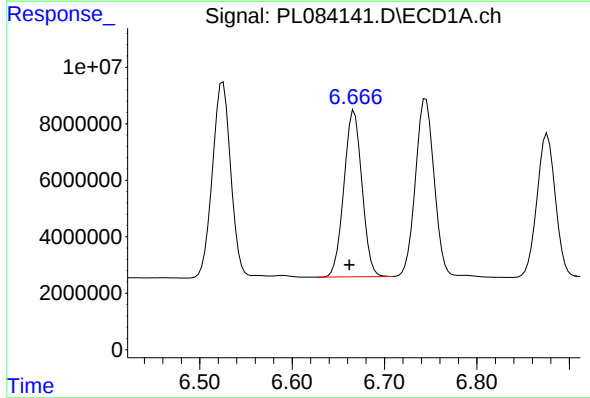
R.T.: 6.745 min  
Delta R.T.: 0.005 min  
Response: 85855145  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



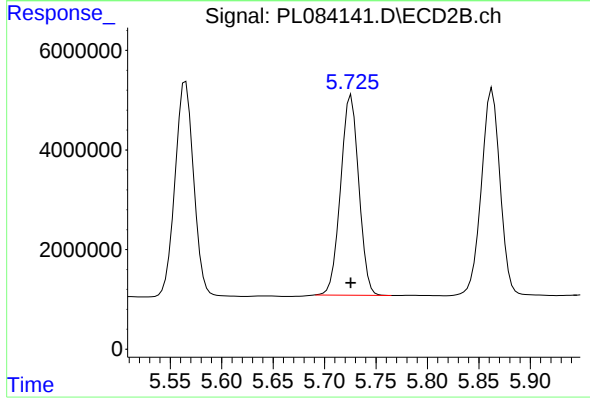
#15 Endosulfan II

R.T.: 5.863 min  
Delta R.T.: 0.000 min  
Response: 52447680  
Conc: 45.63 ng/ml



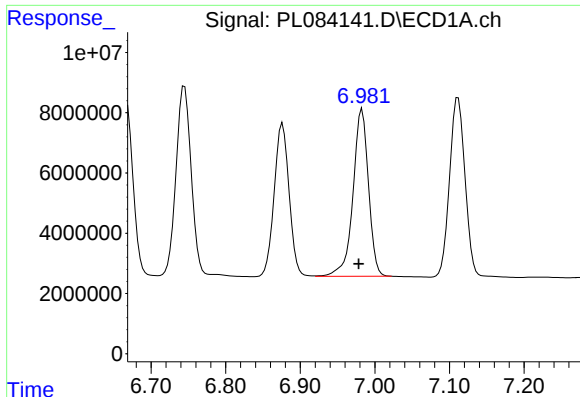
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.005 min  
Response: 79866087  
Conc: 54.39 ng/ml



#16 4,4'-DDD

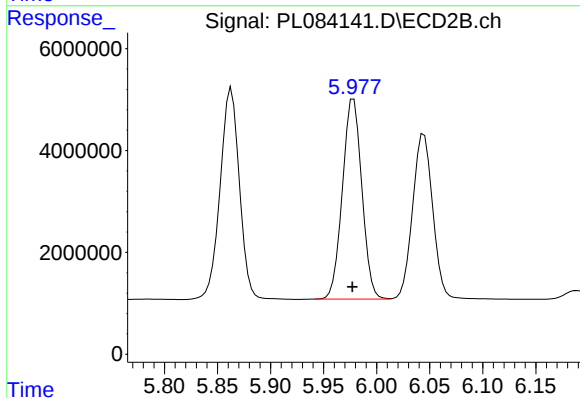
R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 49508843  
Conc: 51.61 ng/ml



#17 4,4'-DDT

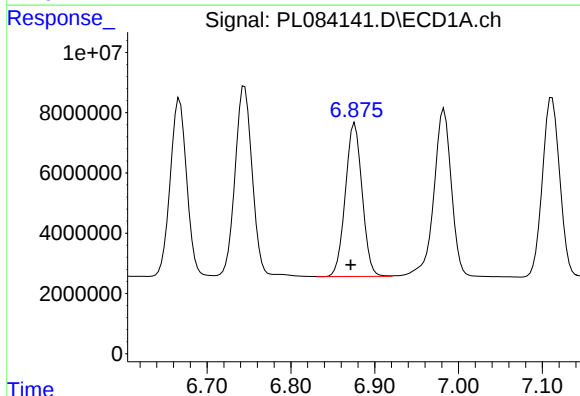
R.T.: 6.983 min  
Delta R.T.: 0.005 min  
Response: 80158759  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



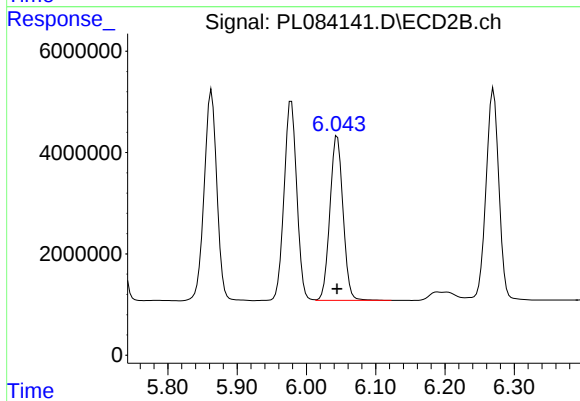
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 50003483  
Conc: 54.90 ng/ml



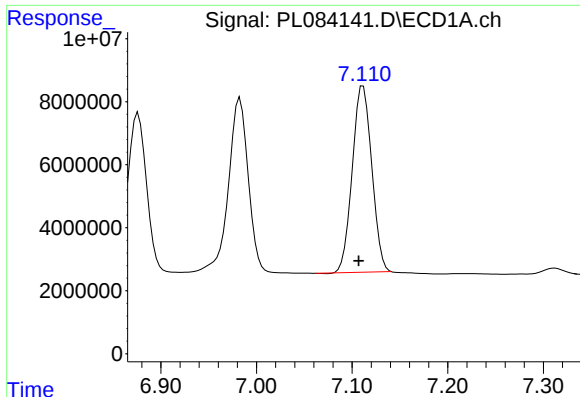
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: 0.005 min  
Response: 70815481  
Conc: 48.34 ng/ml



#18 Endrin aldehyde

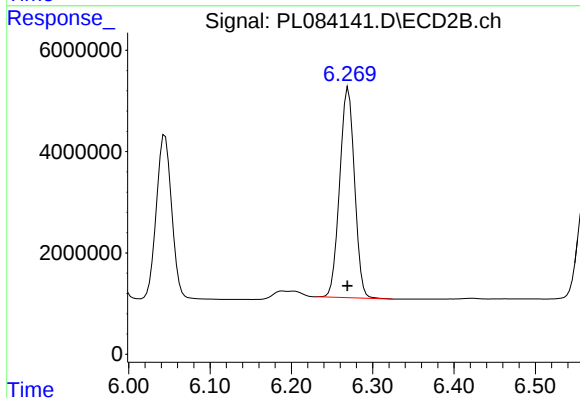
R.T.: 6.045 min  
Delta R.T.: 0.000 min  
Response: 42734255  
Conc: 47.54 ng/ml



#19 Endosulfan Sulfate

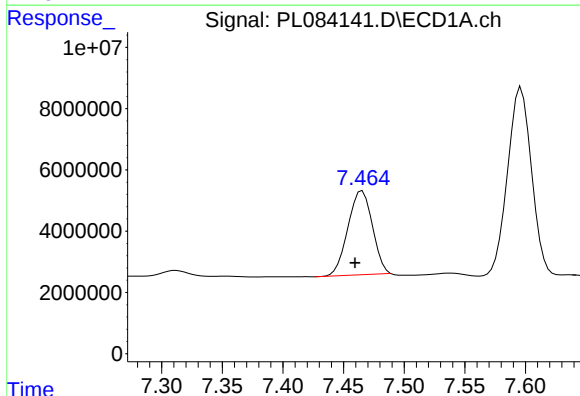
R.T.: 7.112 min  
Delta R.T.: 0.005 min  
Response: 84009101  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



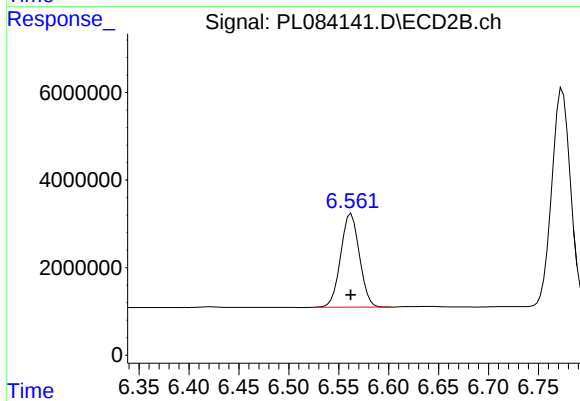
#19 Endosulfan Sulfate

R.T.: 6.270 min  
Delta R.T.: 0.001 min  
Response: 52501935  
Conc: 47.77 ng/ml



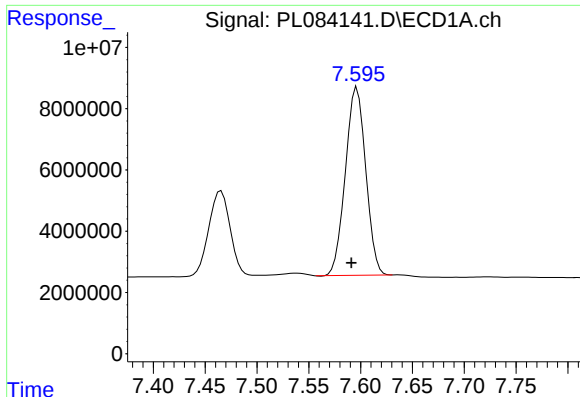
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: 0.006 min  
Response: 38475210  
Conc: 49.19 ng/ml



#20 Methoxychlor

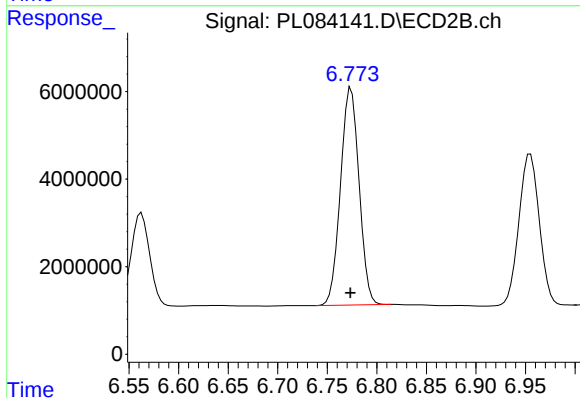
R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 27951361  
Conc: 58.32 ng/ml



#21 Endrin ketone

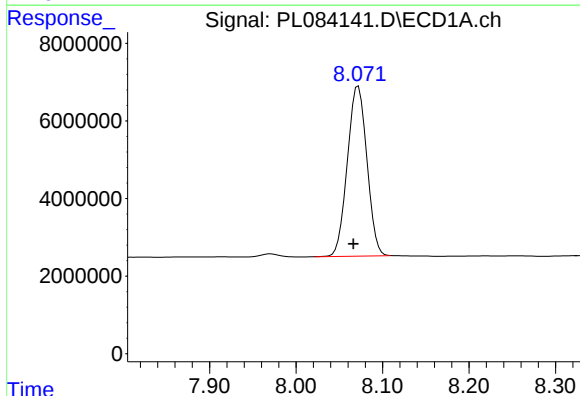
R.T.: 7.596 min  
Delta R.T.: 0.005 min  
Response: 83877980  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



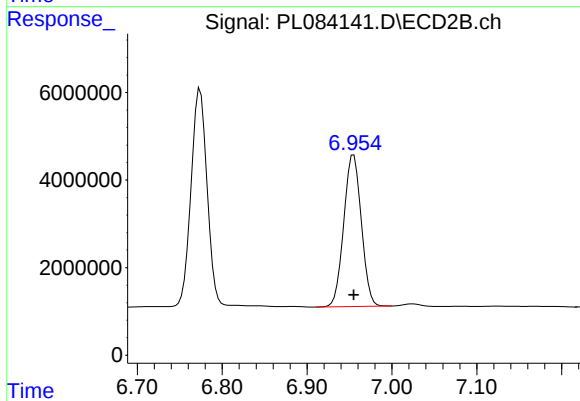
#21 Endrin ketone

R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 64780419  
Conc: 50.14 ng/ml



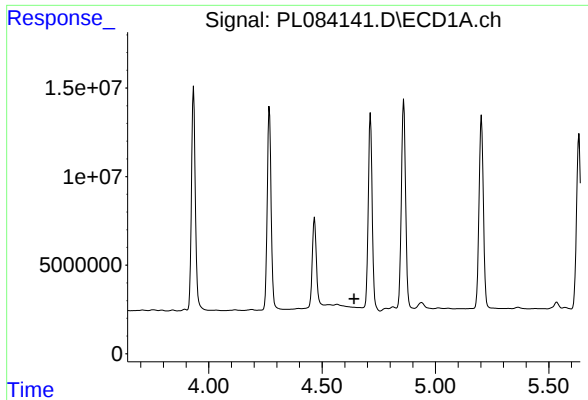
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: 0.005 min  
Response: 68638620  
Conc: 47.97 ng/ml



#22 Mirex

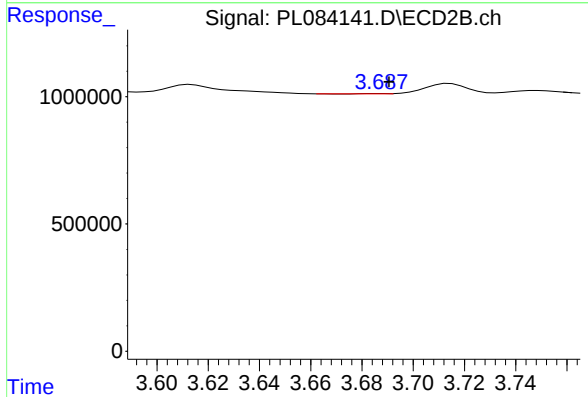
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 49706766  
Conc: 48.70 ng/ml



#23 Chlordane-1

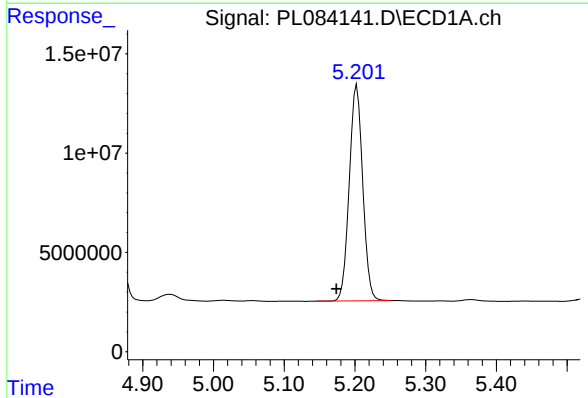
R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



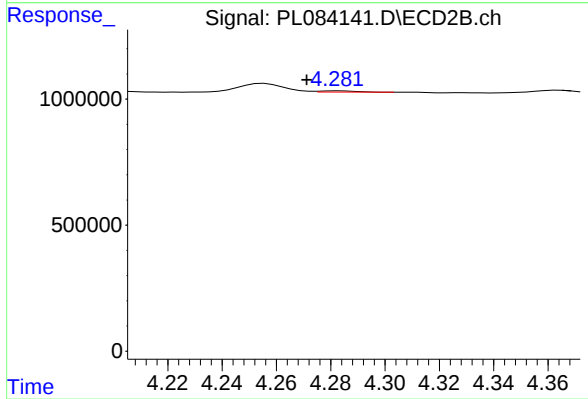
#23 Chlordane-1

R.T.: 3.688 min  
Delta R.T.: -0.003 min  
Response: 1947  
Conc: 0.00 ng/ml



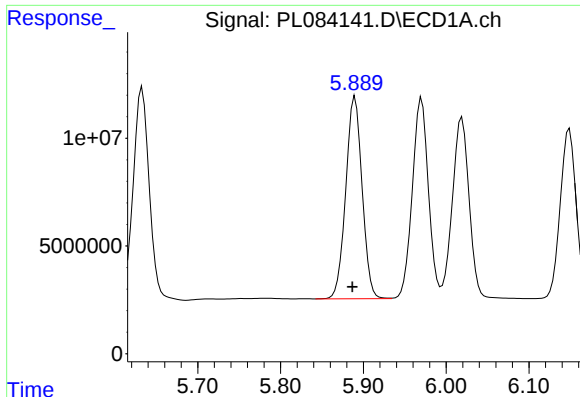
#24 Chlordane-2

R.T.: 5.203 min  
Delta R.T.: 0.029 min  
Response: 143892945  
Conc: 180.10 ng/ml



#24 Chlordane-2

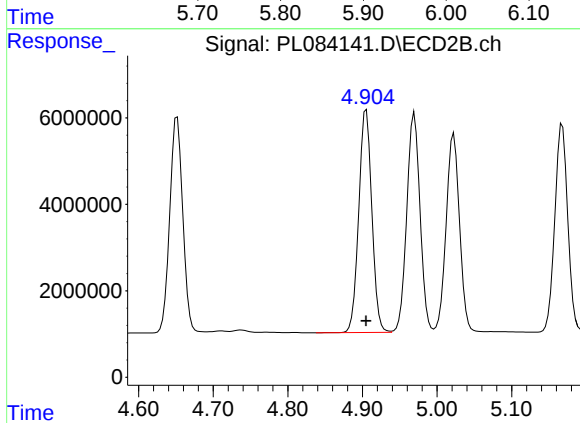
R.T.: 4.283 min  
Delta R.T.: 0.012 min  
Response: 47493  
Conc: 0.11 ng/ml



#25 Chlordane-3

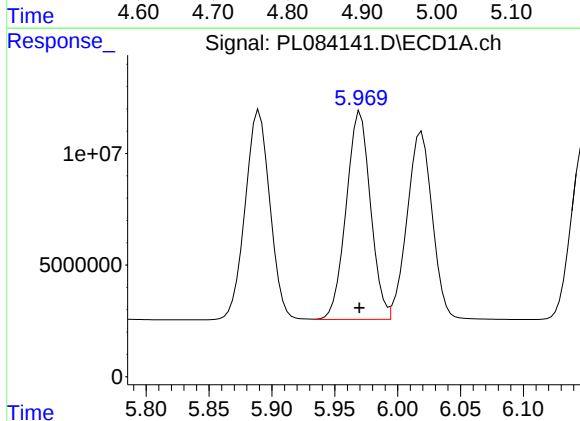
R.T.: 5.890 min  
Delta R.T.: 0.003 min  
Response: 128603107  
Conc: 36.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



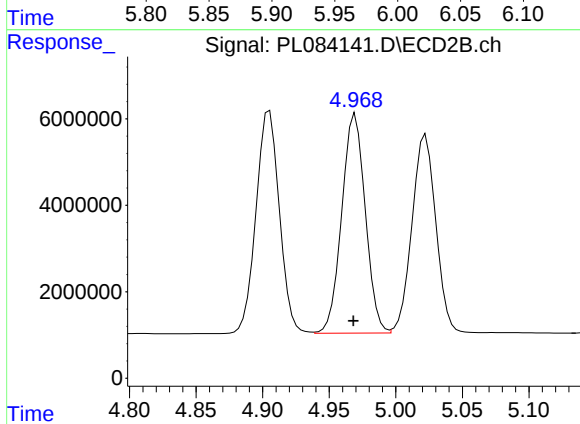
#25 Chlordane-3

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 62998051  
Conc: 45.95 ng/ml



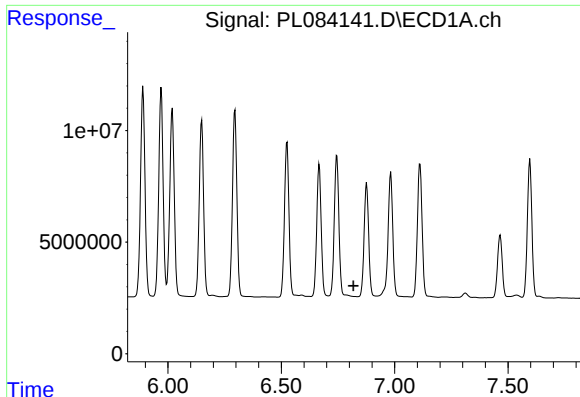
#26 Chlordane-4

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 125339762  
Conc: 30.70 ng/ml



#26 Chlordane-4

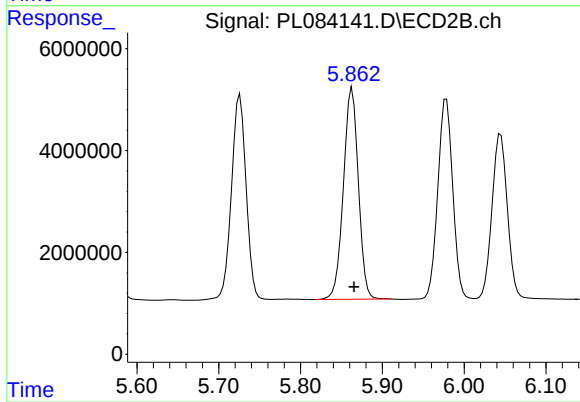
R.T.: 4.970 min  
Delta R.T.: 0.002 min  
Response: 62514966  
Conc: 43.64 ng/ml



#27 Chlordane-5

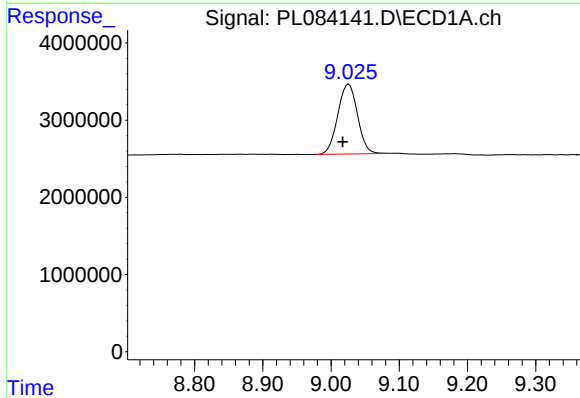
R.T.: 0.000 min  
Exp R.T.: 6.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



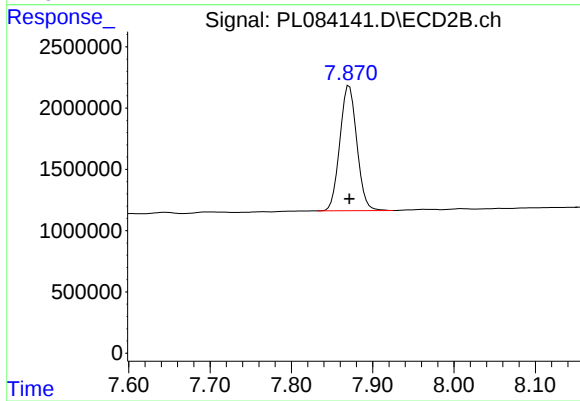
#27 Chlordane-5

R.T.: 5.863 min  
Delta R.T.: -0.002 min  
Response: 52447680  
Conc: 114.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.009 min  
Response: 18172313  
Conc: 13.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 14800522  
Conc: 13.32 ng/ml