

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
 Data File : PL083858.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2023 23:00  
 Operator : AR\AJ  
 Sample : 03541-02MSD  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-WWS-08MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 02:13:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 14:26:23 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 | 2.689 | 47113406 | 25825905 | 23.558 | 23.254 |
| 2)                          | SA Decachlor... | 9.021 | 7.870 | 30488258 | 26568601 | 23.423 | 23.911 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.932 | 3.193 | 154.2E6  | 86523792 | 52.635 | 53.813 |
| 3)                          | MA gamma-BHC... | 4.266 | 3.524 | 139.1E6  | 80829536 | 49.218 | 53.153 |
| 4)                          | MA Heptachlor   | 4.858 | 3.865 | 156.1E6  | 69478257 | 57.427 | 58.956 |
| 5)                          | MB Aldrin       | 5.200 | 4.146 | 142.4E6  | 76145153 | 49.703 | 50.500 |
| 6)                          | B beta-BHC      | 4.465 | 3.825 | 63193959 | 35832161 | 52.668 | 54.286 |
| 7)                          | B delta-BHC     | 4.711 | 4.054 | 146.7E6  | 80768061 | 55.026 | 53.396 |
| 8)                          | B Heptachlo...  | 5.630 | 4.652 | 138.1E6  | 70080295 | 51.725 | 54.572 |
| 9)                          | A Endosulfan I  | 6.016 | 5.022 | 120.3E6  | 66809232 | 50.800 | 54.470 |
| 10)                         | B gamma-Chl...  | 5.887 | 4.904 | 131.2E6  | 73244005 | 50.824 | 54.981 |
| 11)                         | B alpha-Chl...  | 5.967 | 4.969 | 128.0E6  | 73057331 | 50.368 | 54.232 |
| 12)                         | B 4,4'-DDE      | 6.146 | 5.167 | 107.6E6  | 69316166 | 53.483 | 56.430 |
| 13)                         | MA Dieldrin     | 6.293 | 5.289 | 116.9E6  | 70136826 | 48.922 | 53.854 |
| 14)                         | MA Endrin       | 6.522 | 5.564 | 97653474 | 63220781 | 51.277 | 57.513 |
| 15)                         | B Endosulfa...  | 6.741 | 5.861 | 88166398 | 58041457 | 47.039 | 50.499 |
| 16)                         | A 4,4'-DDD      | 6.664 | 5.724 | 79732073 | 56583158 | 54.294 | 58.981 |
| 17)                         | MA 4,4'-DDT     | 6.980 | 5.976 | 87129471 | 55684736 | 54.634 | 61.139 |
| 18)                         | B Endrin al...  | 6.873 | 6.043 | 69817079 | 46928877 | 47.654 | 52.205 |
| 19)                         | B Endosulfa...  | 7.109 | 6.268 | 87408877 | 60882867 | 50.564 | 55.397 |
| 20)                         | A Methoxychlor  | 7.461 | 6.561 | 41806980 | 28834597 | 53.446 | 60.167 |
| 21)                         | B Endrin ke...  | 7.593 | 6.772 | 85863913 | 69132712 | 48.996 | 53.505 |
| 22)                         | Mirex           | 8.068 | 6.954 | 67620815 | 53785417 | 47.256 | 52.696 |
| -----                       |                 |       |       |          |          |        |        |

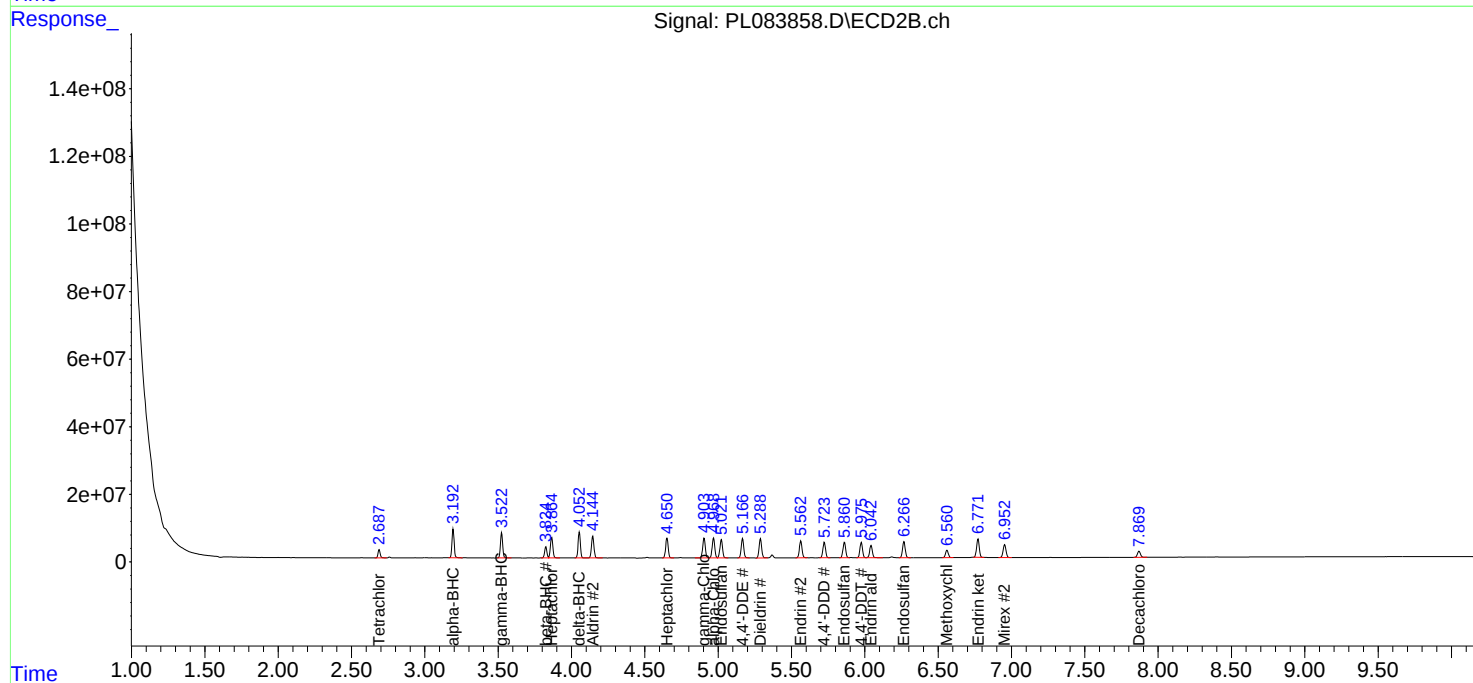
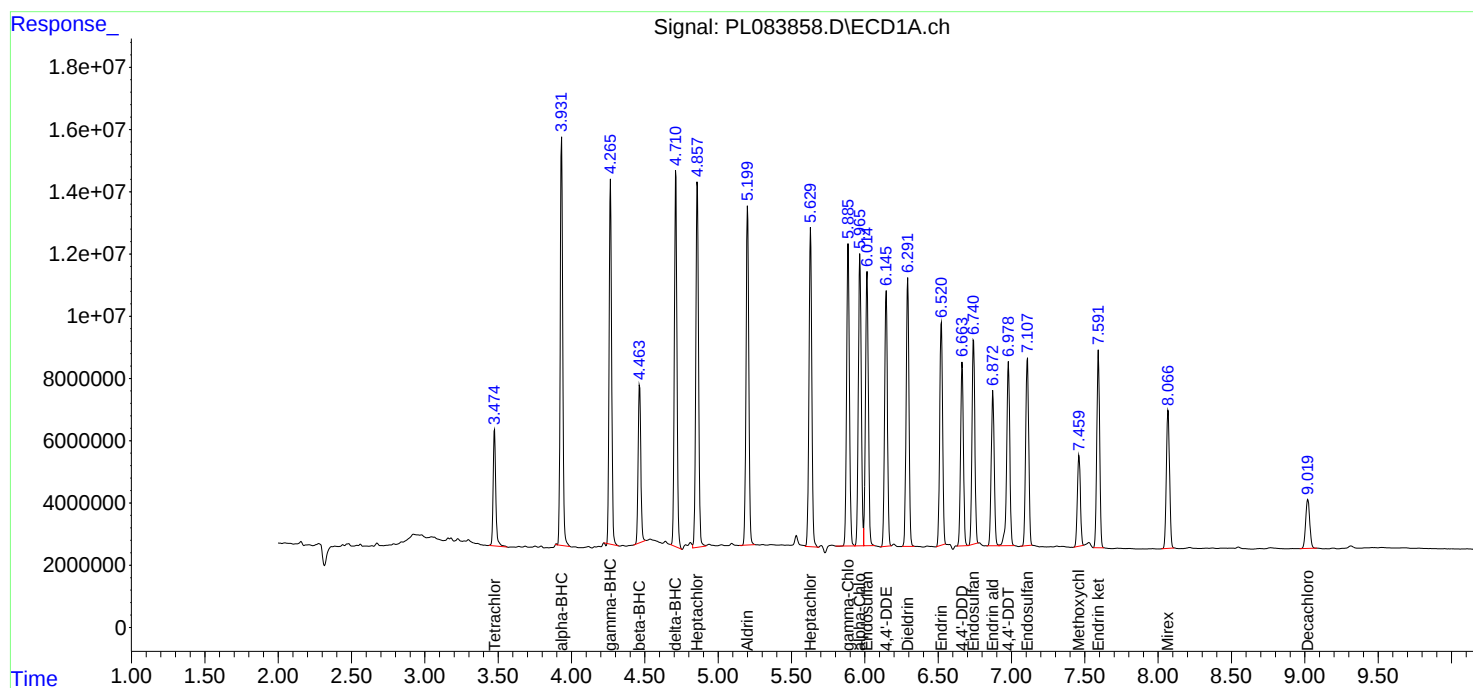
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

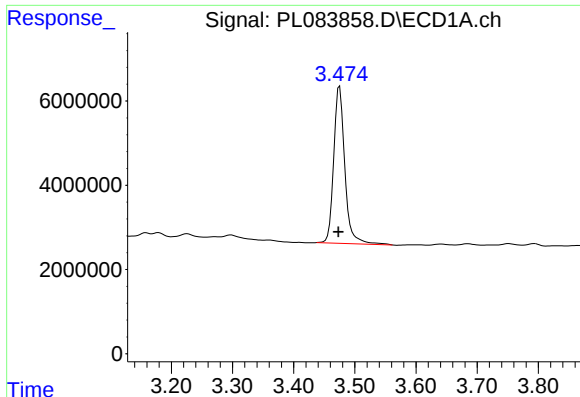
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
Data File : PL083858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jul 2023 23:00  
Operator : AR\AJ  
Sample : 03541-02MSD  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 02:13:15 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 14:26:23 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

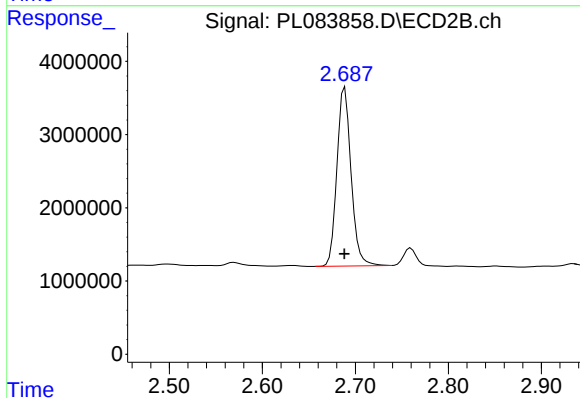




#1 Tetrachloro-m-xylene

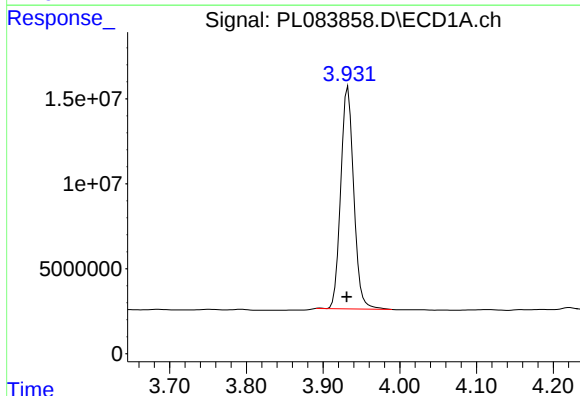
R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 47113406  
Conc: 23.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



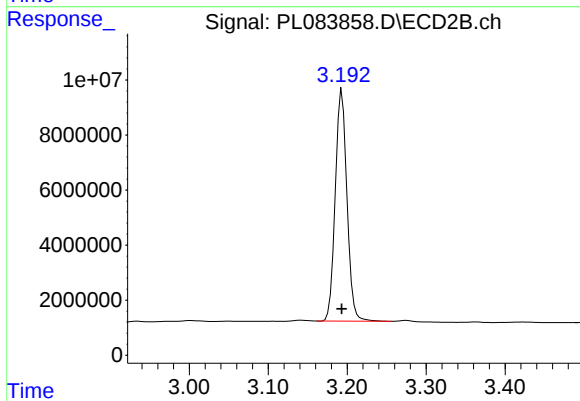
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 25825905  
Conc: 23.25 ng/ml



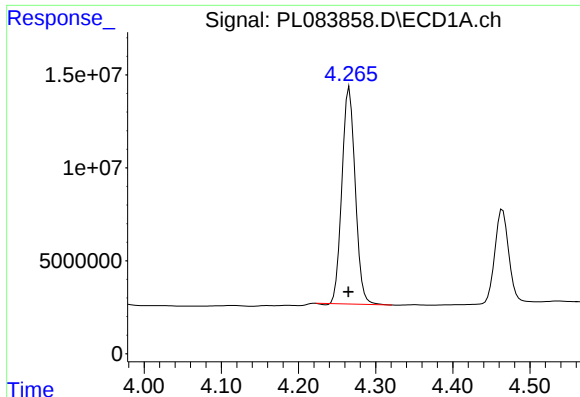
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.002 min  
Response: 154210329  
Conc: 52.63 ng/ml



#2 alpha-BHC

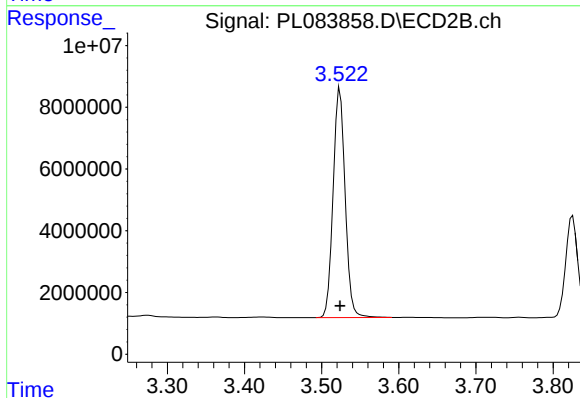
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 86523792  
Conc: 53.81 ng/ml



#3 gamma-BHC (Lindane)

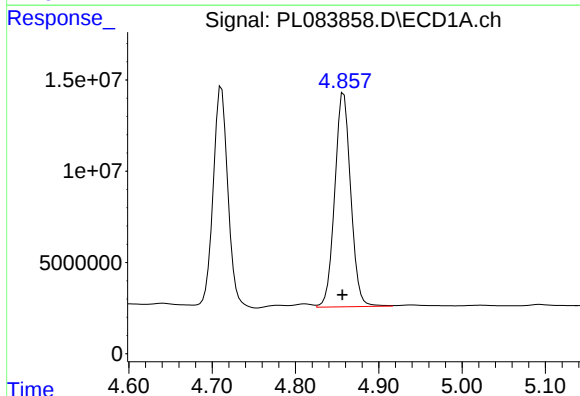
R.T.: 4.266 min  
Delta R.T.: 0.002 min  
Response: 139056675  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



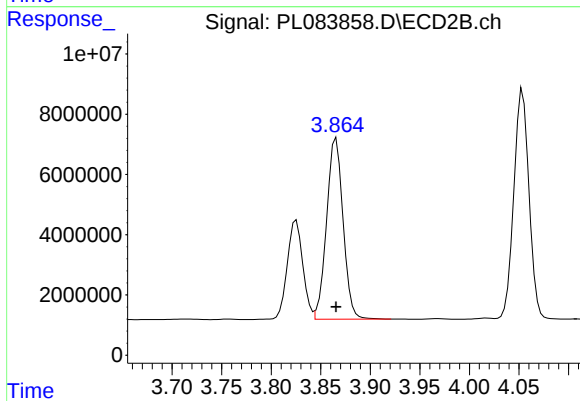
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 80829536  
Conc: 53.15 ng/ml



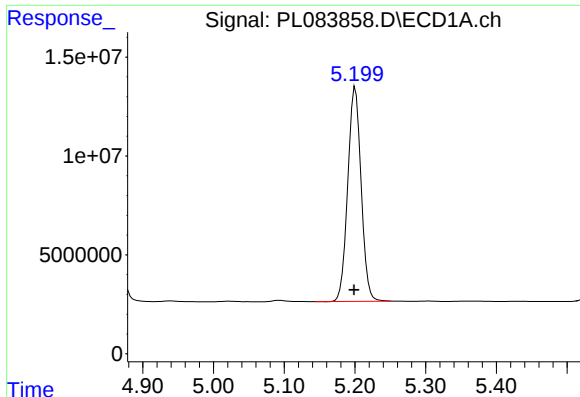
#4 Heptachlor

R.T.: 4.858 min  
Delta R.T.: 0.001 min  
Response: 156063687  
Conc: 57.43 ng/ml



#4 Heptachlor

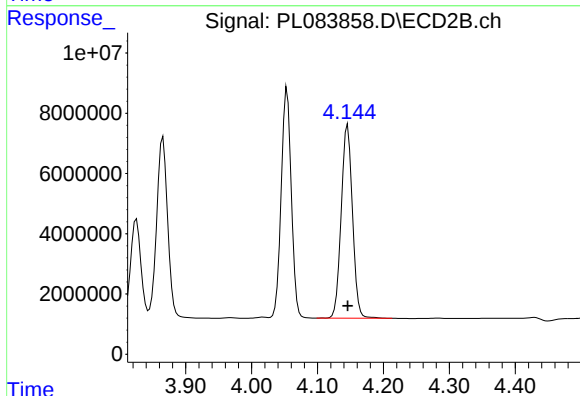
R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 69478257  
Conc: 58.96 ng/ml



#5 Aldrin

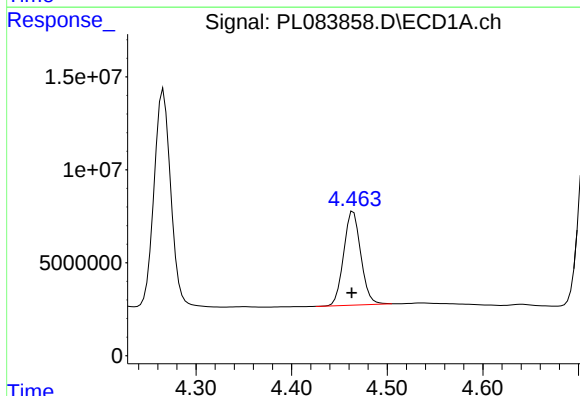
R.T.: 5.200 min  
Delta R.T.: 0.002 min  
Response: 142360729  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



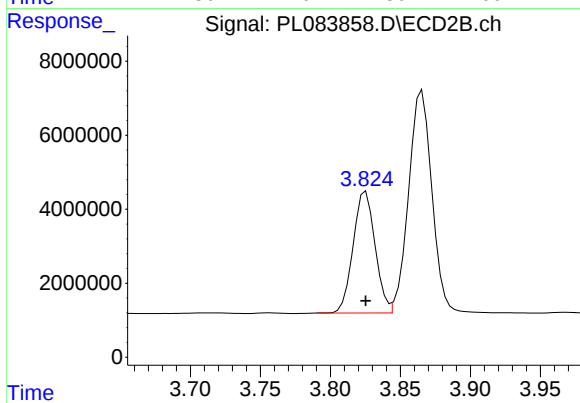
#5 Aldrin

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 76145153  
Conc: 50.50 ng/ml



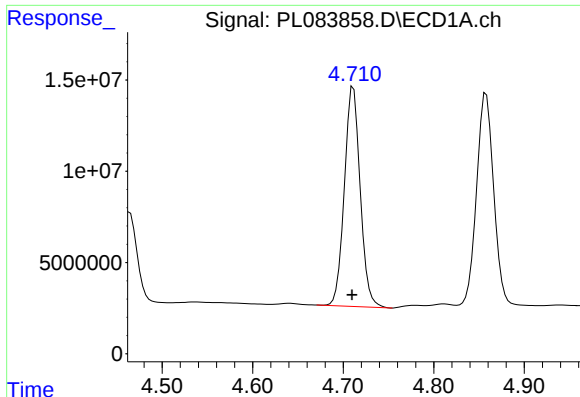
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: 0.002 min  
Response: 63193959  
Conc: 52.67 ng/ml



#6 beta-BHC

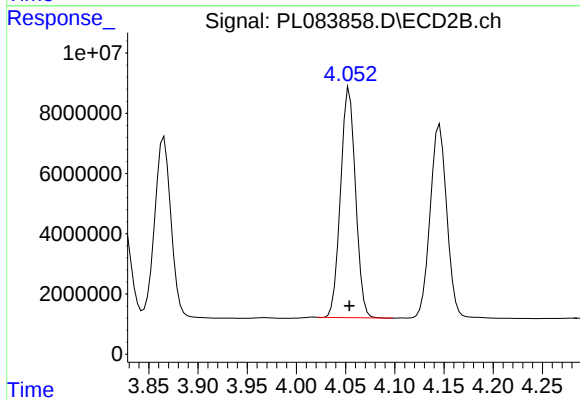
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 35832161  
Conc: 54.29 ng/ml



#7 delta-BHC

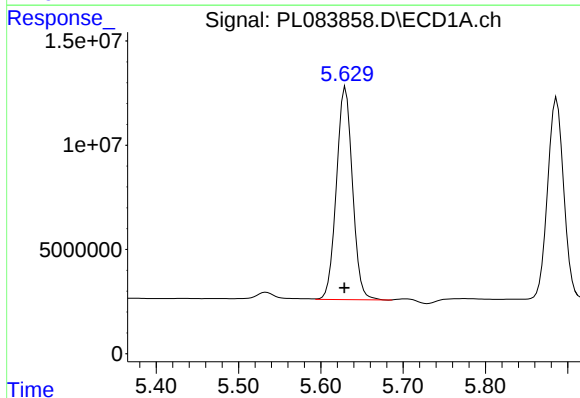
R.T.: 4.711 min  
Delta R.T.: 0.002 min  
Response: 146686952  
Conc: 55.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



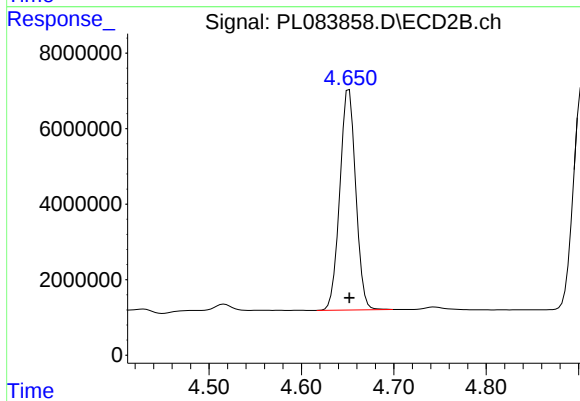
#7 delta-BHC

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 80768061  
Conc: 53.40 ng/ml



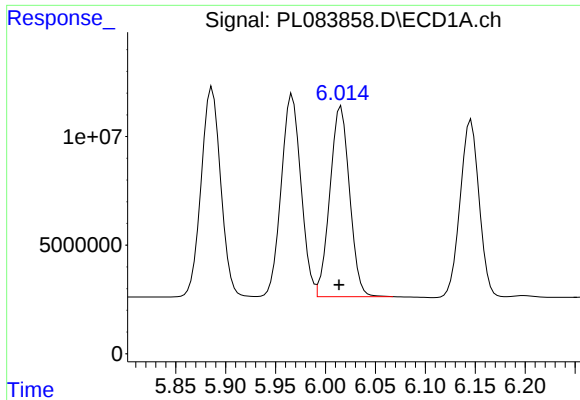
#8 Heptachlor epoxide

R.T.: 5.630 min  
Delta R.T.: 0.001 min  
Response: 138085574  
Conc: 51.73 ng/ml



#8 Heptachlor epoxide

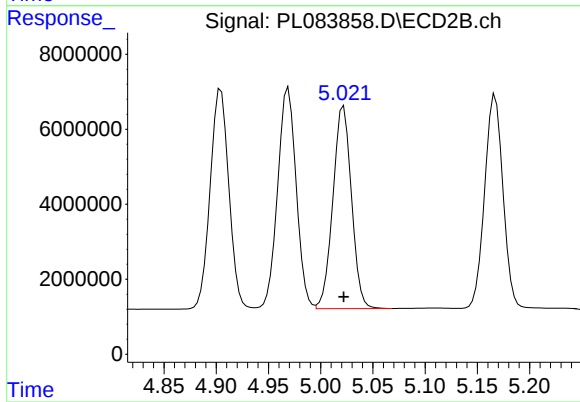
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 70080295  
Conc: 54.57 ng/ml



#9 Endosulfan I

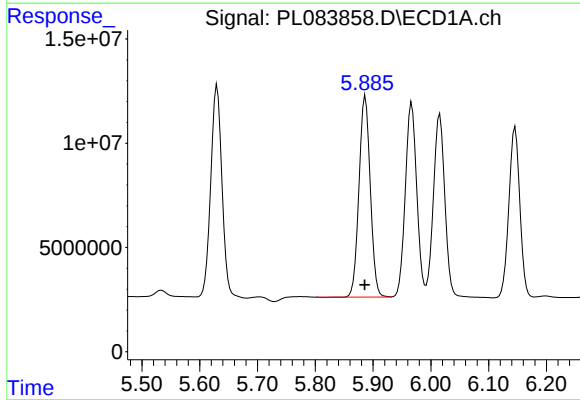
R.T.: 6.016 min  
Delta R.T.: 0.002 min  
Response: 120303686  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



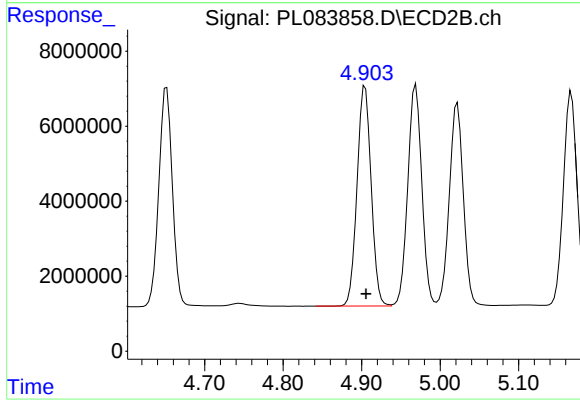
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 66809232  
Conc: 54.47 ng/ml



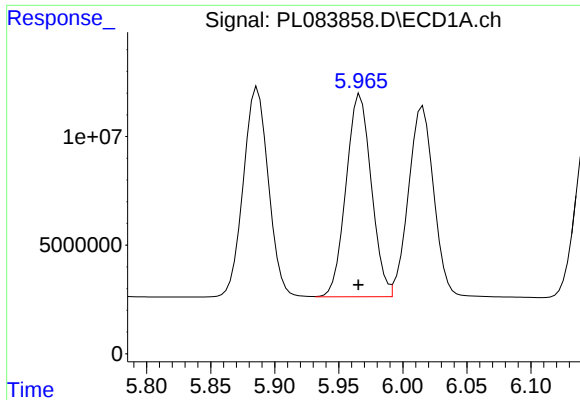
#10 gamma-Chlordane

R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 131225022  
Conc: 50.82 ng/ml



#10 gamma-Chlordane

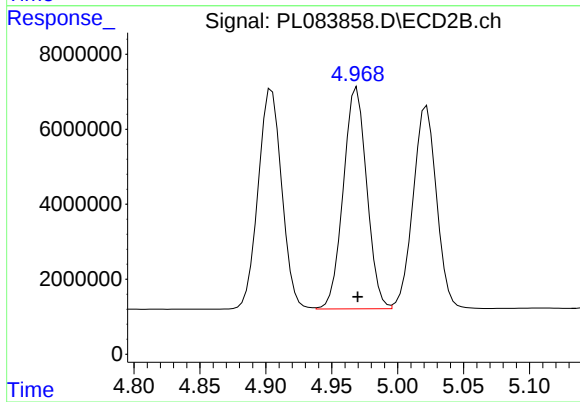
R.T.: 4.904 min  
Delta R.T.: -0.001 min  
Response: 73244005  
Conc: 54.98 ng/ml



#11 alpha-Chlordane

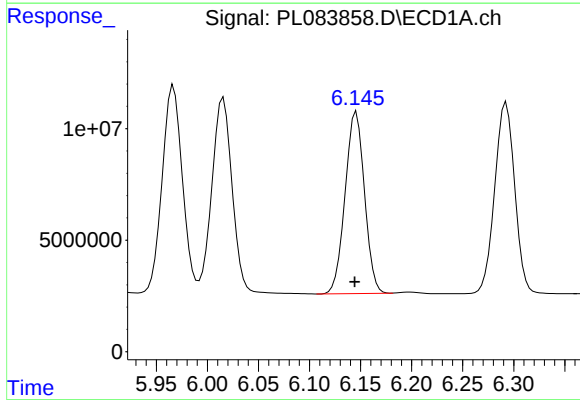
R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 128037638  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



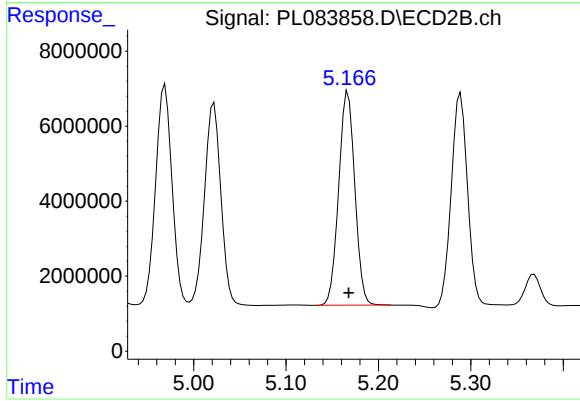
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 73057331  
Conc: 54.23 ng/ml



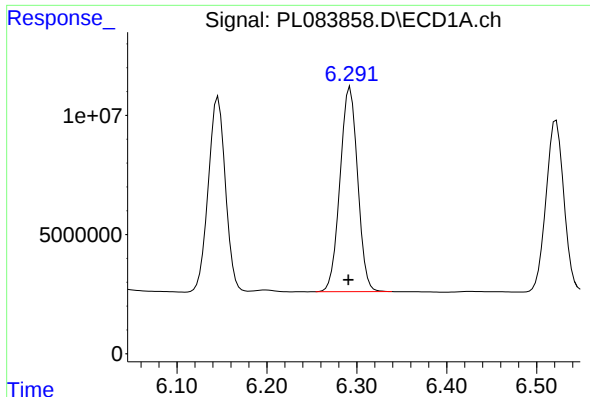
#12 4,4'-DDE

R.T.: 6.146 min  
Delta R.T.: 0.002 min  
Response: 107607399  
Conc: 53.48 ng/ml



#12 4,4'-DDE

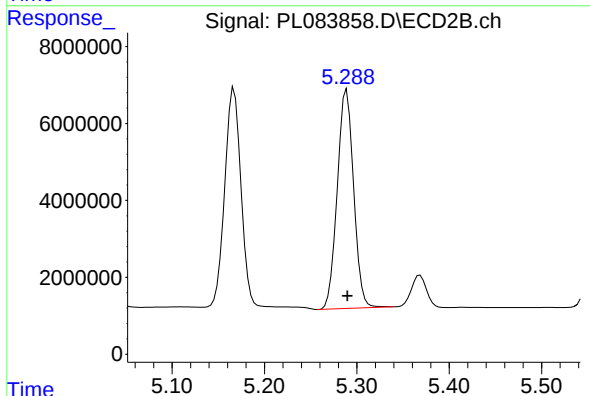
R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 69316166  
Conc: 56.43 ng/ml



#13 Dieldrin

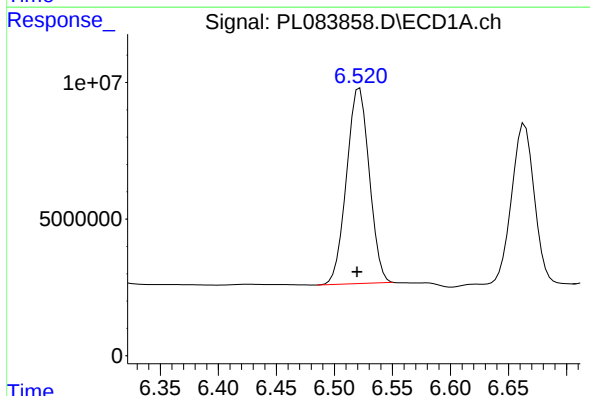
R.T.: 6.293 min  
Delta R.T.: 0.002 min  
Response: 116901934  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



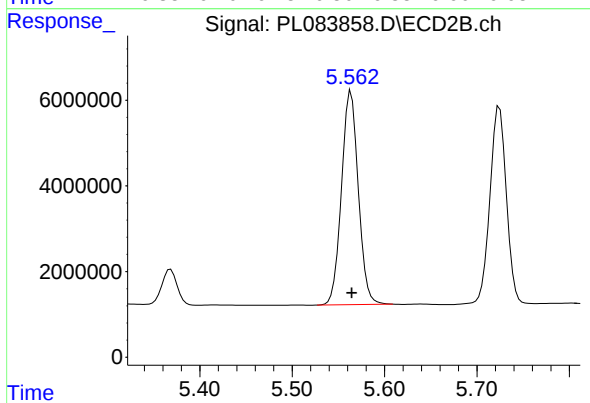
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 70136826  
Conc: 53.85 ng/ml



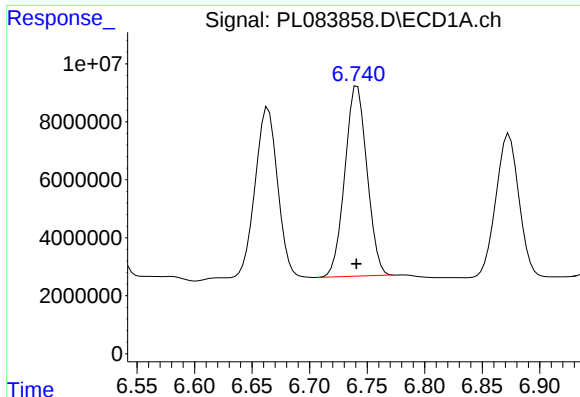
#14 Endrin

R.T.: 6.522 min  
Delta R.T.: 0.002 min  
Response: 97653474  
Conc: 51.28 ng/ml



#14 Endrin

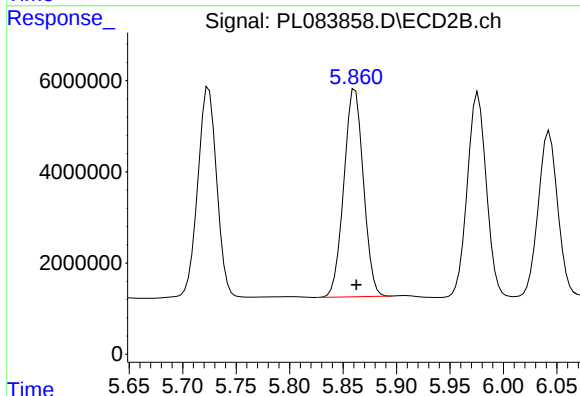
R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 63220781  
Conc: 57.51 ng/ml



#15 Endosulfan II

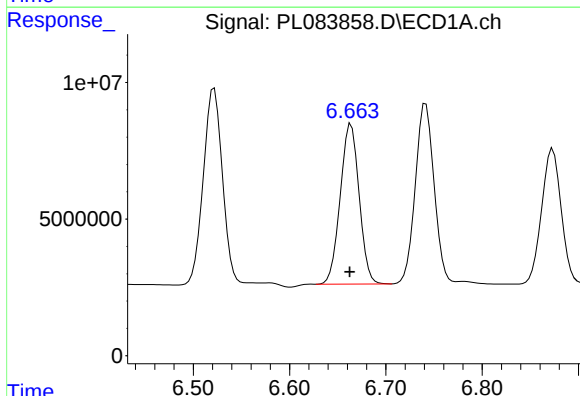
R.T.: 6.741 min  
Delta R.T.: 0.000 min  
Response: 88166398  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



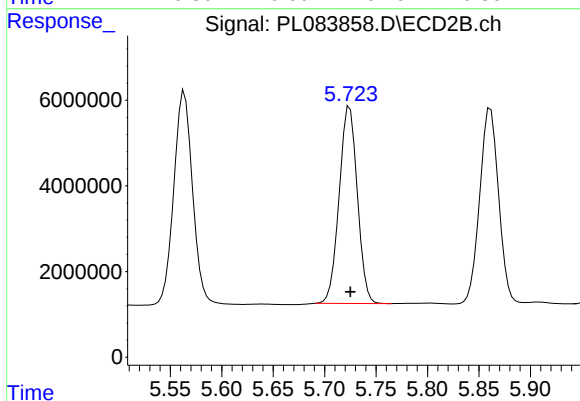
#15 Endosulfan II

R.T.: 5.861 min  
Delta R.T.: -0.001 min  
Response: 58041457  
Conc: 50.50 ng/ml



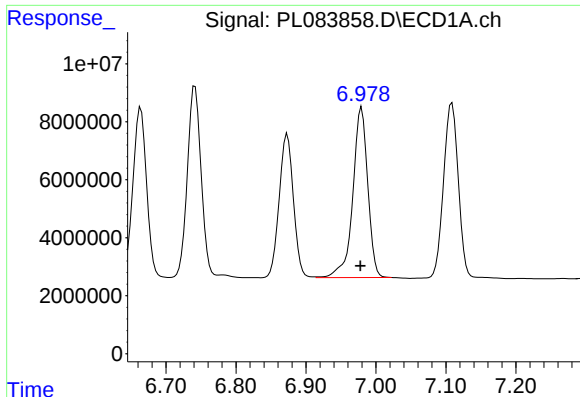
#16 4,4'-DDD

R.T.: 6.664 min  
Delta R.T.: 0.001 min  
Response: 79732073  
Conc: 54.29 ng/ml



#16 4,4'-DDD

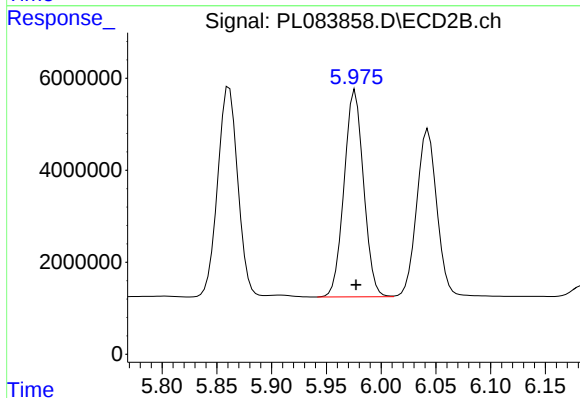
R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 56583158  
Conc: 58.98 ng/ml



#17 4,4'-DDT

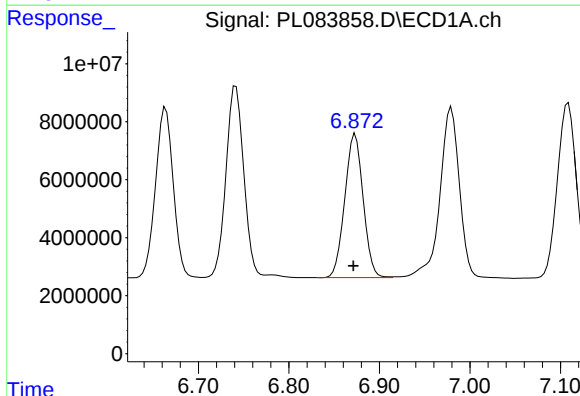
R.T.: 6.980 min  
Delta R.T.: 0.002 min  
Response: 87129471  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



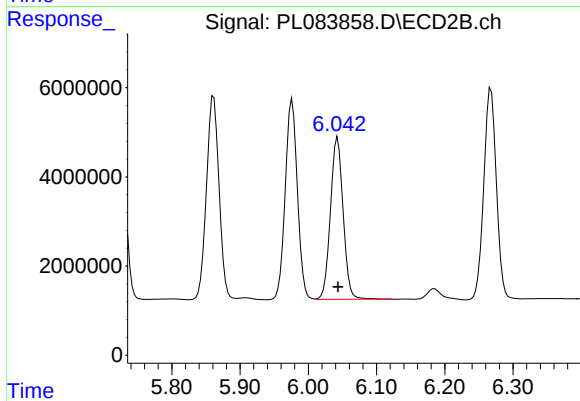
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 55684736  
Conc: 61.14 ng/ml



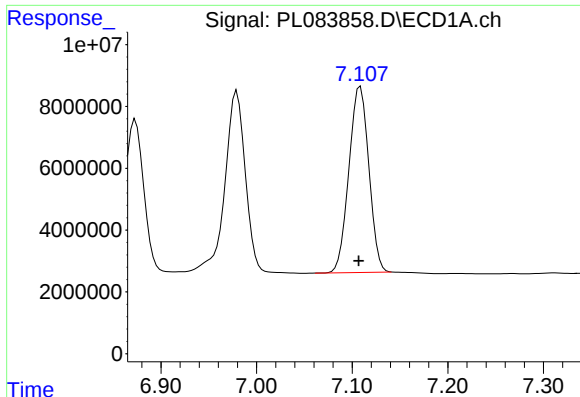
#18 Endrin aldehyde

R.T.: 6.873 min  
Delta R.T.: 0.002 min  
Response: 69817079  
Conc: 47.65 ng/ml



#18 Endrin aldehyde

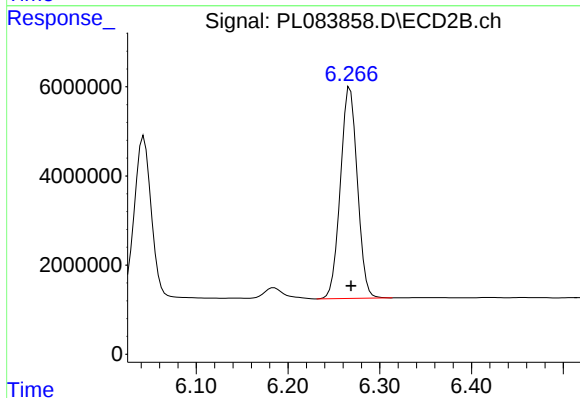
R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 46928877  
Conc: 52.20 ng/ml



#19 Endosulfan Sulfate

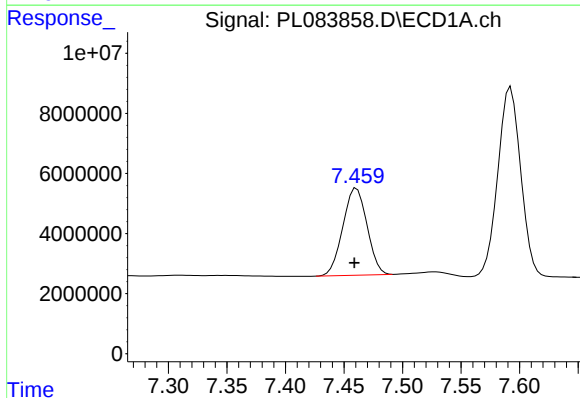
R.T.: 7.109 min  
Delta R.T.: 0.002 min  
Response: 87408877  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



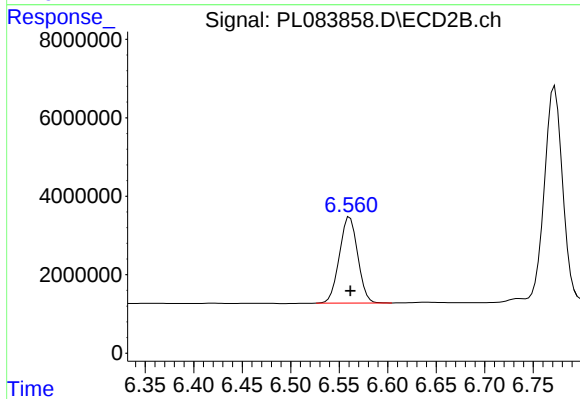
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: -0.001 min  
Response: 60882867  
Conc: 55.40 ng/ml



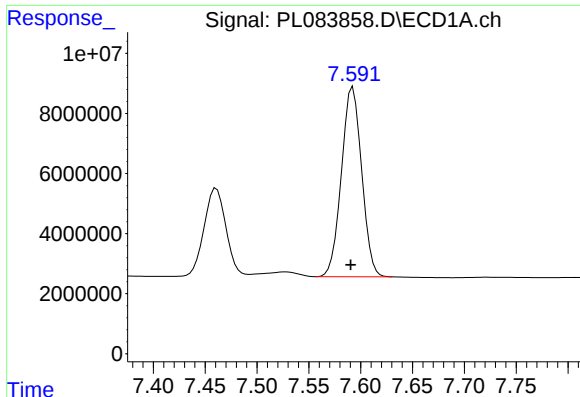
#20 Methoxychlor

R.T.: 7.461 min  
Delta R.T.: 0.002 min  
Response: 41806980  
Conc: 53.45 ng/ml



#20 Methoxychlor

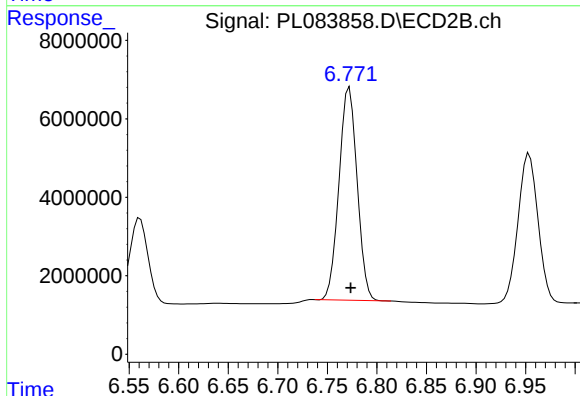
R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 28834597  
Conc: 60.17 ng/ml



#21 Endrin ketone

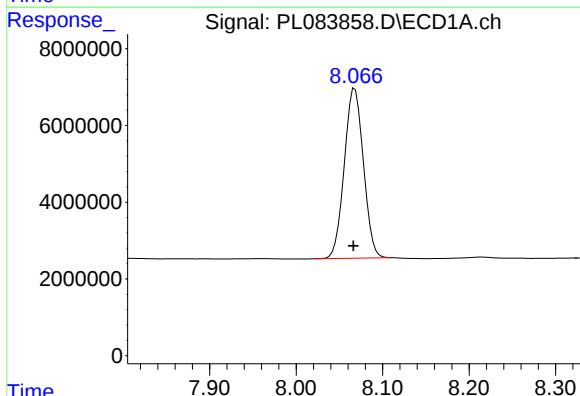
R.T.: 7.593 min  
Delta R.T.: 0.002 min  
Response: 85863913  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



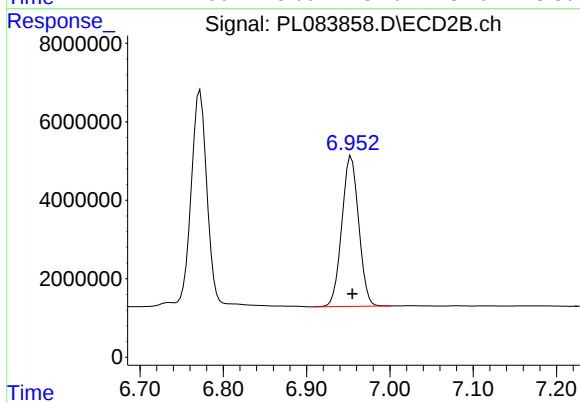
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 69132712  
Conc: 53.50 ng/ml



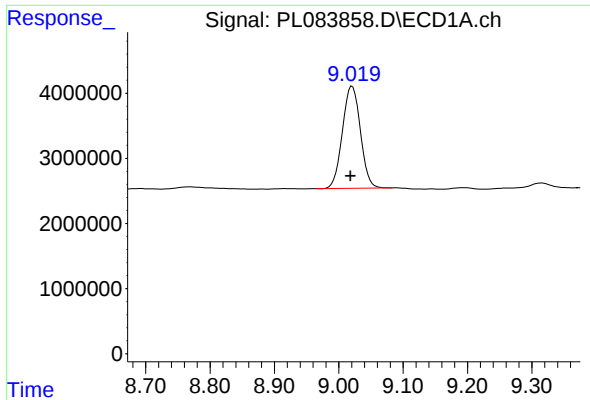
#22 Mirex

R.T.: 8.068 min  
Delta R.T.: 0.002 min  
Response: 67620815  
Conc: 47.26 ng/ml



#22 Mirex

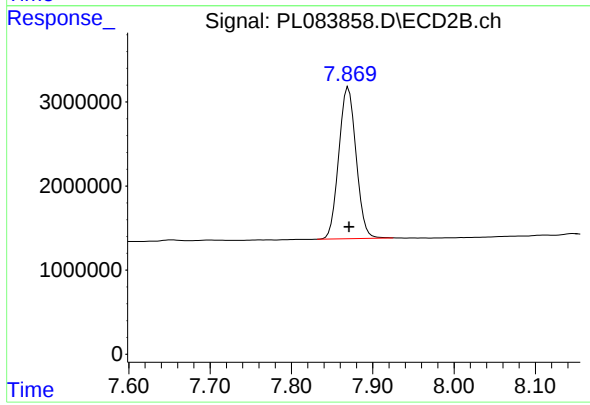
R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 53785417  
Conc: 52.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.003 min  
Response: 30488258  
Conc: 23.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-WWS-08MSD



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: 0.000 min  
Response: 26568601  
Conc: 23.91 ng/ml