

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040221\  
 Data File : PL065830.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2021 14:34  
 Operator : AR\AJ  
 Sample : M1888-04MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-3D-(4-10)MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 04:58:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.277 | 3.780  | 50485968 | 50885792 | 19.380   | 18.538     |
| 28)                         | SA Decachlor... | 7.908 | 8.726  | 45563968 | 42430716 | 19.673   | 18.820     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.700 | 4.165  | 174.3E6  | 164.2E6  | 42.628   | 40.401     |
| 3)                          | MA gamma-BHC... | 3.973 | 4.444  | 184.9E6  | 164.1E6  | 49.948   | 44.809     |
| 4)                          | MA Heptachlor   | 4.257 | 4.929  | 154.4E6  | 152.7E6  | 42.865   | 43.258     |
| 5)                          | MB Aldrin       | 4.493 | 5.225  | 146.9E6  | 139.8E6  | 43.039   | 42.349     |
| 6)                          | B beta-BHC      | 4.224 | 4.627  | 71046929 | 75959073 | 44.574   | 43.609     |
| 7)                          | B delta-BHC     | 4.416 | 4.834  | 159.5E6  | 125.0E6  | 44.348   | 41.899     |
| 8)                          | B Heptachlor... | 4.925 | 5.612  | 135.1E6  | 119.0E6  | 42.965   | 38.329     |
| 9)                          | A Endosulfan I  | 5.253 | 5.961  | 96249799 | 110.2E6  | 33.401   | 40.128     |
| 10)                         | B gamma-Chl...  | 5.146 | 5.841  | 134.3E6  | 145.9E6  | 42.673   | 48.635     |
| 11)                         | B alpha-Chl...  | 5.202 | 5.911  | 129.8E6  | 121.6E6  | 41.706   | 41.083     |
| 12)                         | B 4,4'-DDE      | 5.368 | 6.075  | 120.4E6  | 96439066 | 43.641   | 36.914     |
| 13)                         | MA Dieldrin     | 5.491 | 6.217  | 207.1E6  | 115.9E6  | 70.876   | 41.119 #   |
| 14)                         | MA Endrin       | 5.738 | 6.432  | 117.2E6  | 87680458 | 43.409   | 35.202     |
| 15)                         | B Endosulfa...  | 6.011 | 6.649  | 130.3E6  | 109.9E6  | 52.450   | 46.484     |
| 16)                         | A 4,4'-DDD      | 5.874 | 6.566  | 88557025 | 110.2E6  | 39.029   | 52.288 #   |
| 17)                         | MA 4,4'-DDT     | 6.106 | 6.859  | 85037470 | 85280160 | 40.363   | 38.087     |
| 18)                         | B Endrin al...  | 6.177 | 6.773  | 99969954 | 94508754 | 52.835   | 49.808     |
| 19)                         | B Endosulfa...  | 6.387 | 6.994  | 121.0E6  | 99050439 | 46.887   | 40.829     |
| 20)                         | A Methoxychlor  | 6.651 | 7.324  | 51485350 | 51467091 | 41.012   | 40.636     |
| 21)                         | B Endrin ke...  | 6.864 | 7.461  | 120.0E6  | 115.9E6  | 43.761   | 45.084     |
| 22)                         | Mirex           | 7.037 | 7.895  | 86991995 | 85670693 | 41.539   | 43.893     |
| 23)                         | Chlordane-1     | 4.118 | 4.748  | 5052977  | 3900063  | 56.003   | 35.311 #   |
| 24)                         | Chlordane-2     | 4.613 | 5.225f | 905142   | 139.8E6  | 7.875    | 1221.819 # |
| 25)                         | Chlordane-3     | 5.146 | 5.841  | 134.3E6  | 145.9E6  | 432.066  | 343.309    |
| 26)                         | Chlordane-4     | 5.202 | 5.911  | 129.8E6  | 121.6E6  | 454.504  | 240.307 #  |
| 27)                         | Chlordane-5     | 6.011 | 6.739f | 130.3E6  | 4098517  | 1273.535 | 49.157 #   |
| -----                       |                 |       |        |          |          |          |            |

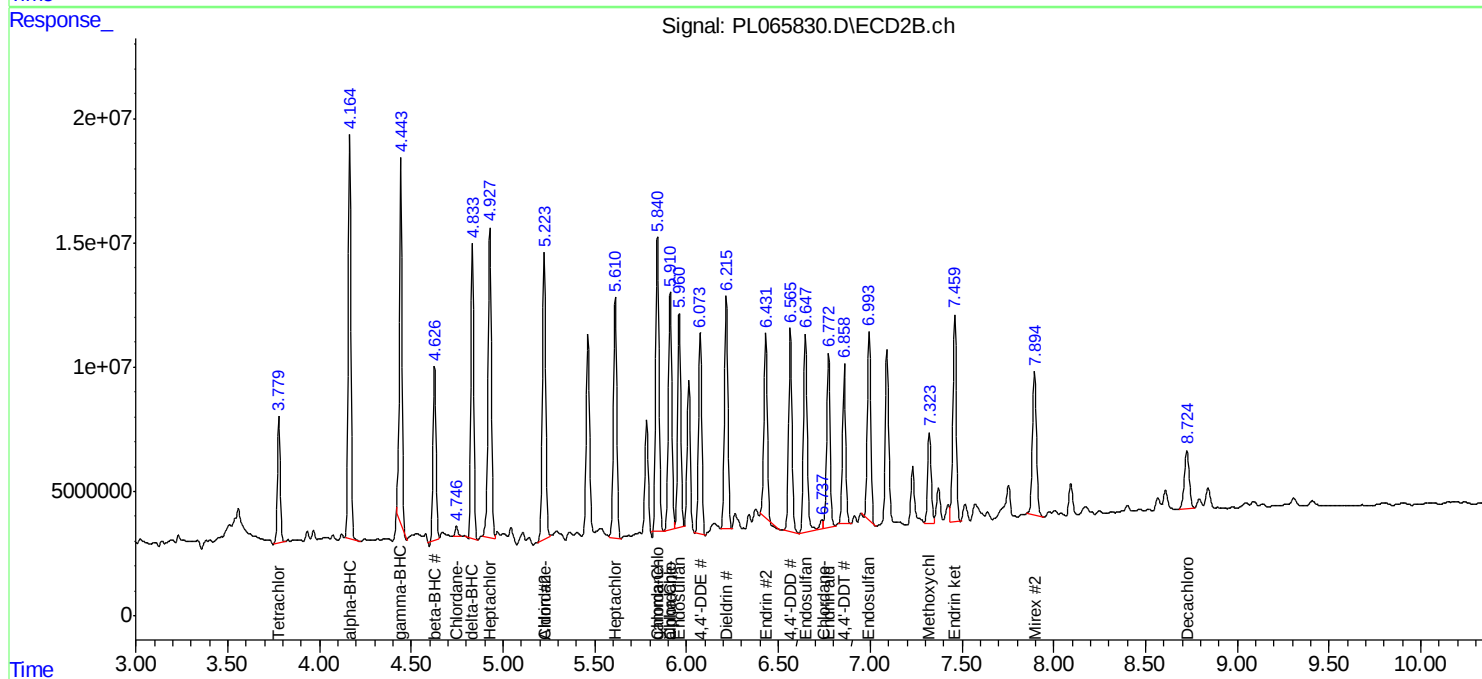
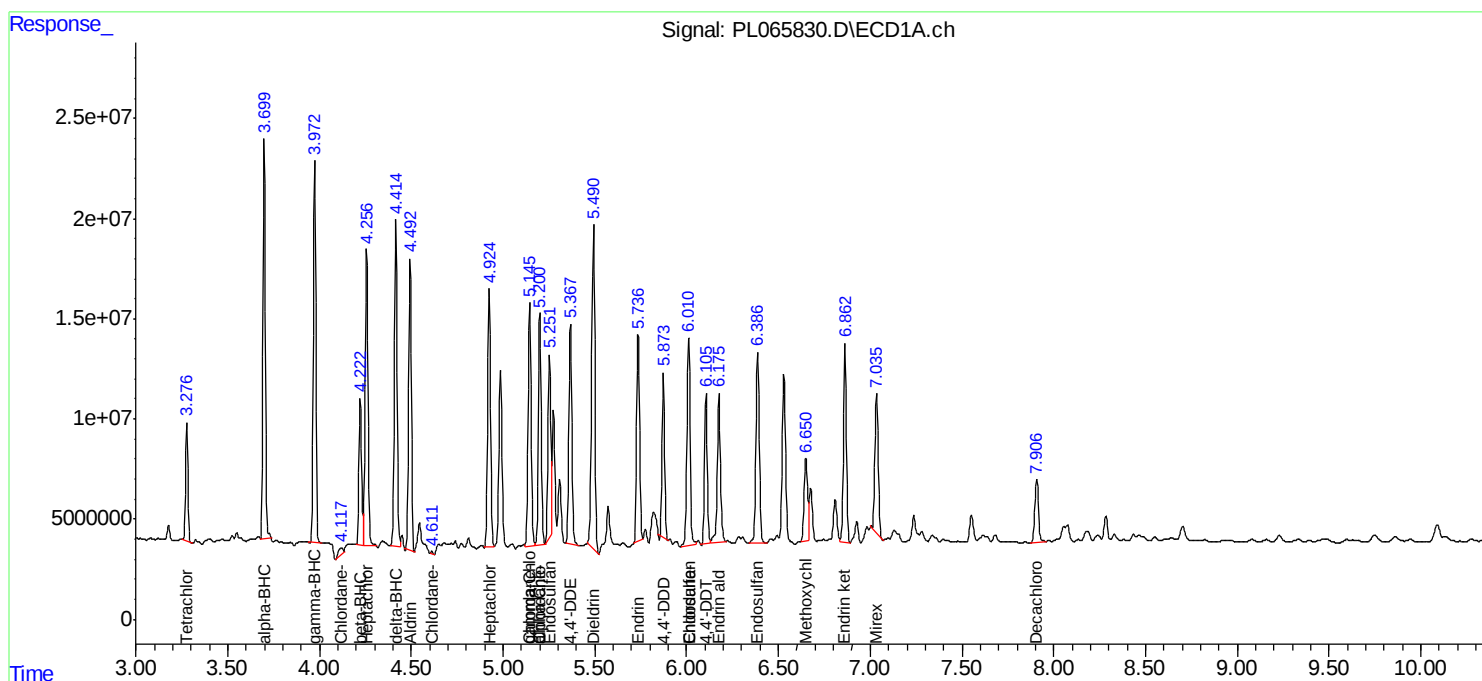
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

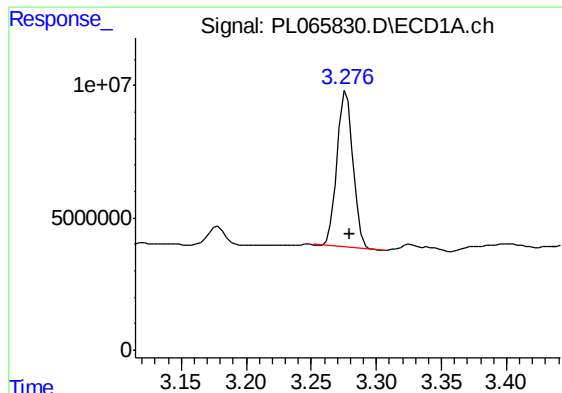
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040221\  
Data File : PL065830.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2021 14:34  
Operator : AR\AJ  
Sample : M1888-04MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 04:58:29 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 31 15:57:28 2021  
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

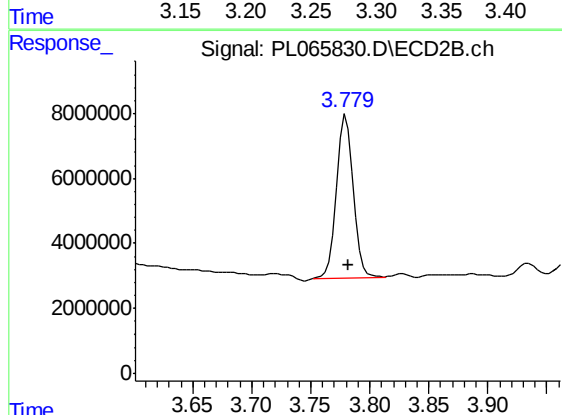




#1 Tetrachloro-m-xylene

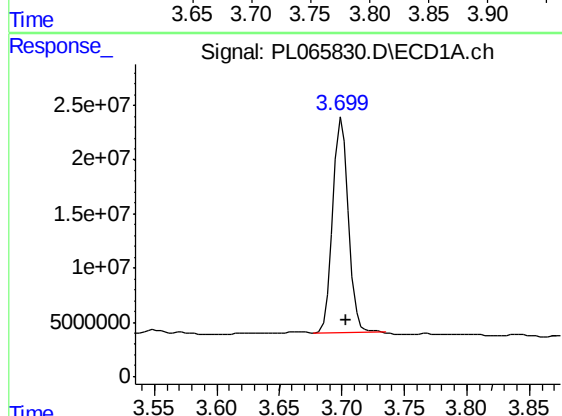
R.T.: 3.277 min  
Delta R.T.: -0.003 min  
Response: 50485968  
Conc: 19.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



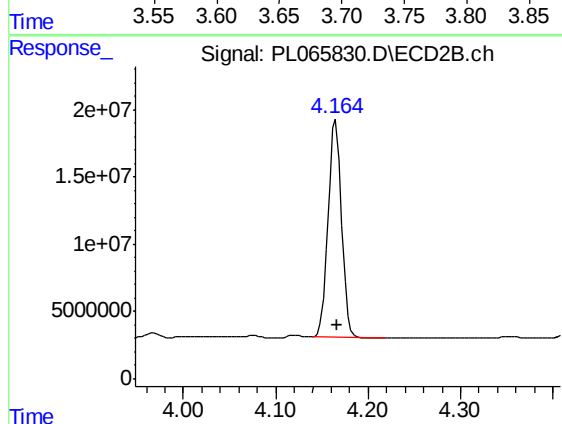
#1 Tetrachloro-m-xylene

R.T.: 3.780 min  
Delta R.T.: -0.002 min  
Response: 50885792  
Conc: 18.54 ng/ml



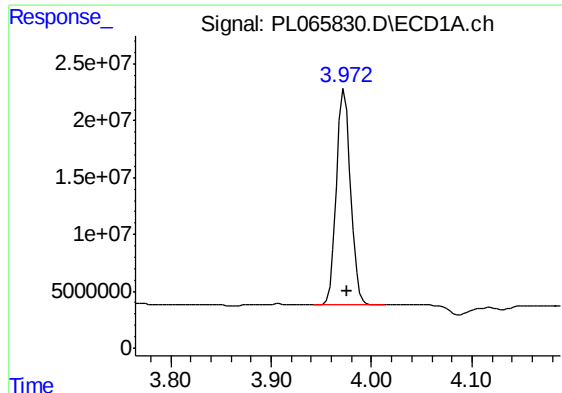
#2 alpha-BHC

R.T.: 3.700 min  
Delta R.T.: -0.003 min  
Response: 174341251  
Conc: 42.63 ng/ml



#2 alpha-BHC

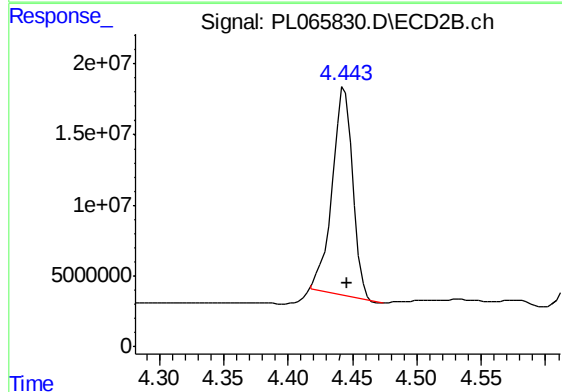
R.T.: 4.165 min  
Delta R.T.: -0.002 min  
Response: 164150622  
Conc: 40.40 ng/ml



#3 gamma-BHC (Lindane)

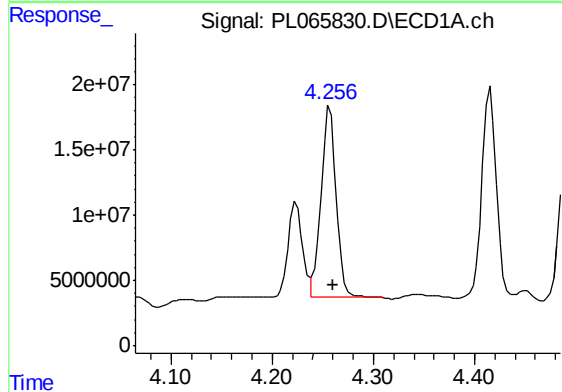
R.T.: 3.973 min  
Delta R.T.: -0.003 min  
Response: 184893078  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



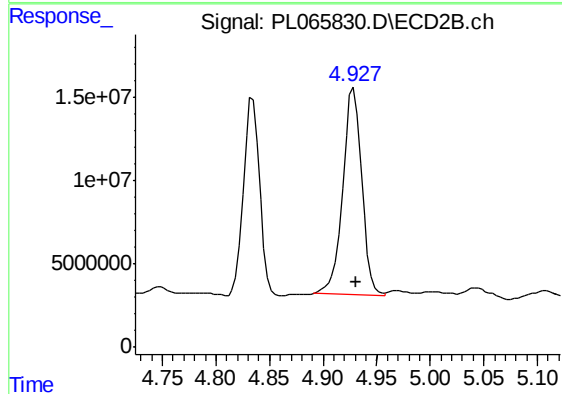
#3 gamma-BHC (Lindane)

R.T.: 4.444 min  
Delta R.T.: -0.002 min  
Response: 164053576  
Conc: 44.81 ng/ml



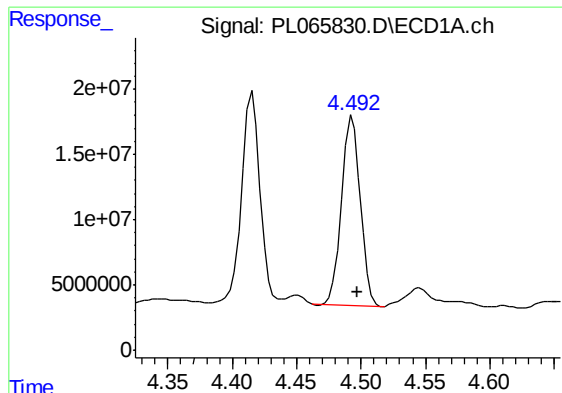
#4 Heptachlor

R.T.: 4.257 min  
Delta R.T.: -0.003 min  
Response: 154413538  
Conc: 42.86 ng/ml



#4 Heptachlor

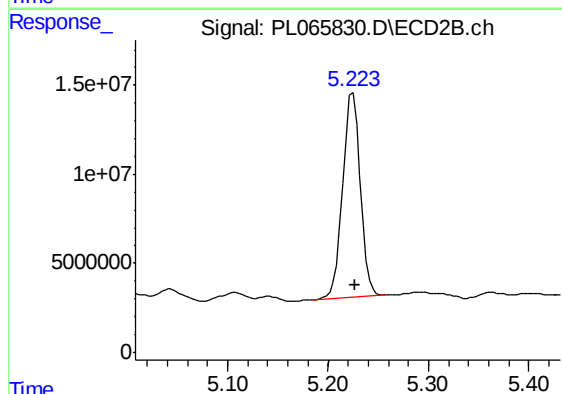
R.T.: 4.929 min  
Delta R.T.: -0.002 min  
Response: 152670009  
Conc: 43.26 ng/ml



#5 Aldrin

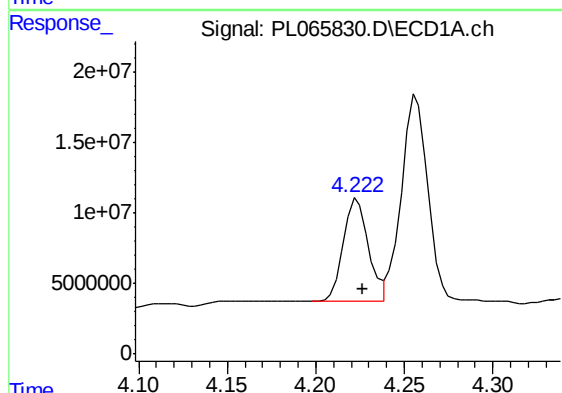
R.T.: 4.493 min  
Delta R.T.: -0.003 min  
Response: 146942721  
Conc: 43.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



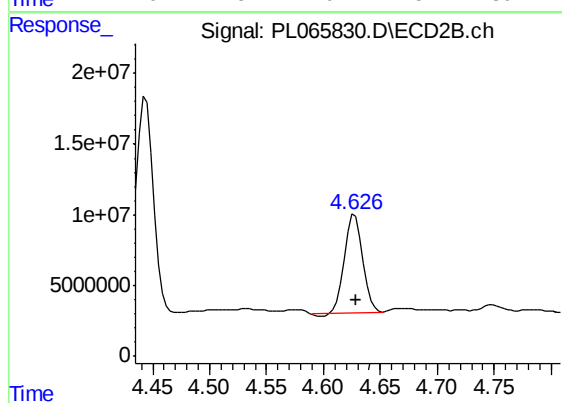
#5 Aldrin

R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 139822951  
Conc: 42.35 ng/ml



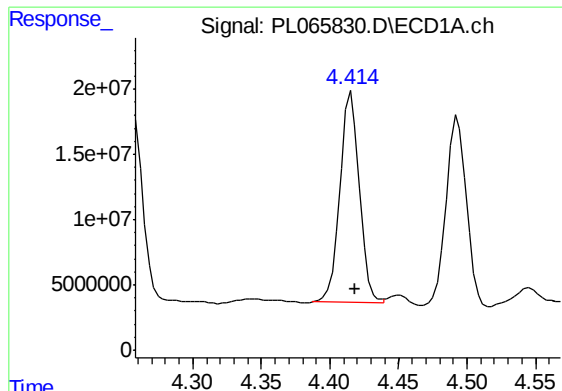
#6 beta-BHC

R.T.: 4.224 min  
Delta R.T.: -0.003 min  
Response: 71046929  
Conc: 44.57 ng/ml



#6 beta-BHC

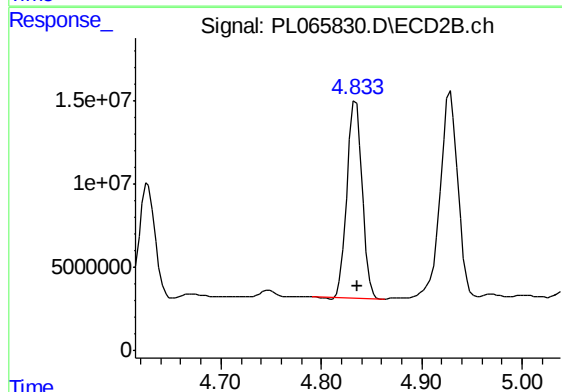
R.T.: 4.627 min  
Delta R.T.: -0.001 min  
Response: 75959073  
Conc: 43.61 ng/ml



#7 delta-BHC

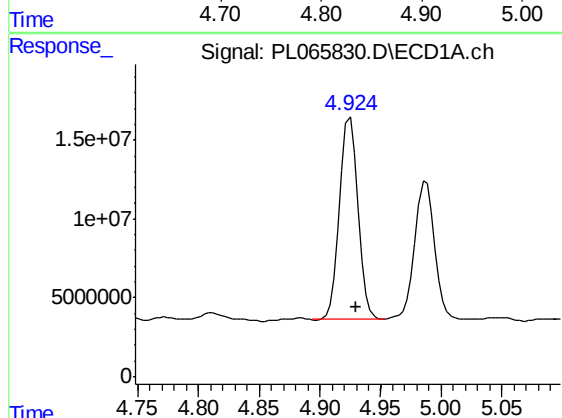
R.T.: 4.416 min  
Delta R.T.: -0.003 min  
Response: 159532804  
Conc: 44.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



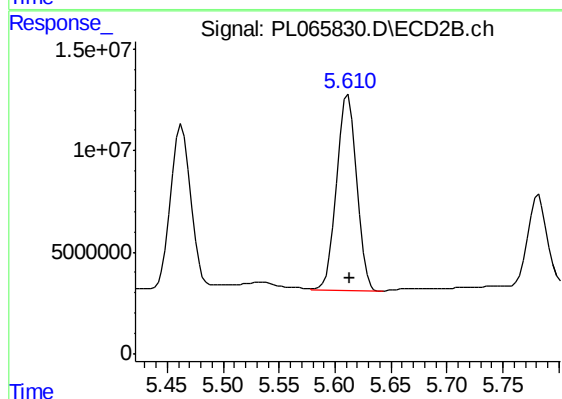
#7 delta-BHC

R.T.: 4.834 min  
Delta R.T.: -0.002 min  
Response: 124964959  
Conc: 41.90 ng/ml



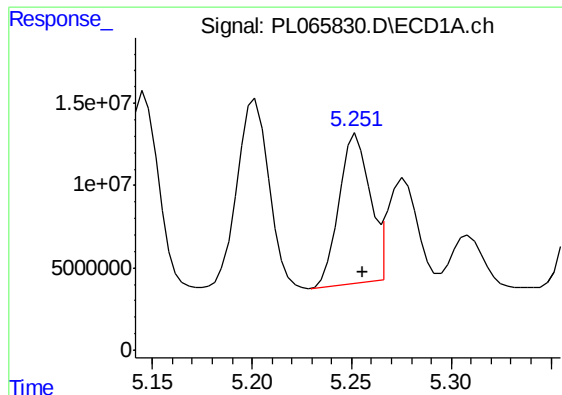
#8 Heptachlor epoxide

R.T.: 4.925 min  
Delta R.T.: -0.004 min  
Response: 135103061  
Conc: 42.96 ng/ml



#8 Heptachlor epoxide

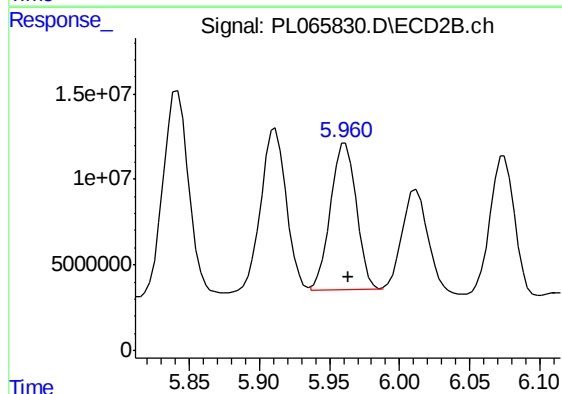
R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 119025822  
Conc: 38.33 ng/ml



#9 Endosulfan I

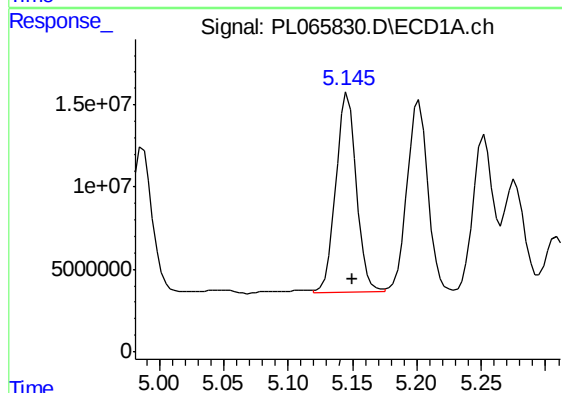
R.T.: 5.253 min  
Delta R.T.: -0.003 min  
Response: 96249799  
Conc: 33.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



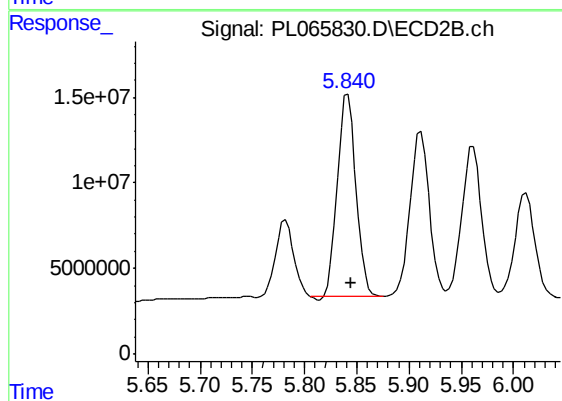
#9 Endosulfan I

R.T.: 5.961 min  
Delta R.T.: -0.002 min  
Response: 110163308  
Conc: 40.13 ng/ml



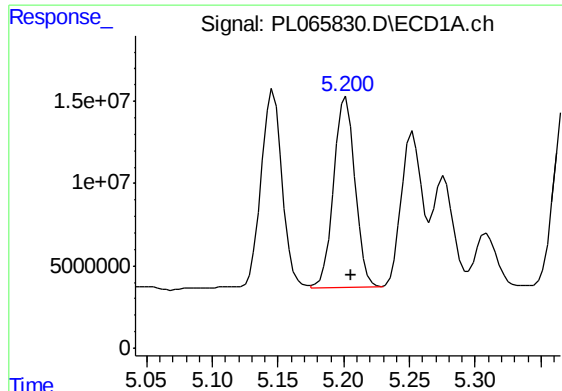
#10 gamma-Chlordane

R.T.: 5.146 min  
Delta R.T.: -0.003 min  
Response: 134290267  
Conc: 42.67 ng/ml



#10 gamma-Chlordane

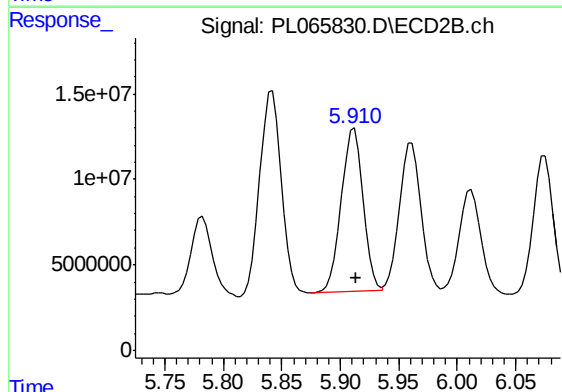
R.T.: 5.841 min  
Delta R.T.: -0.003 min  
Response: 145921116  
Conc: 48.64 ng/ml



#11 alpha-Chlordane

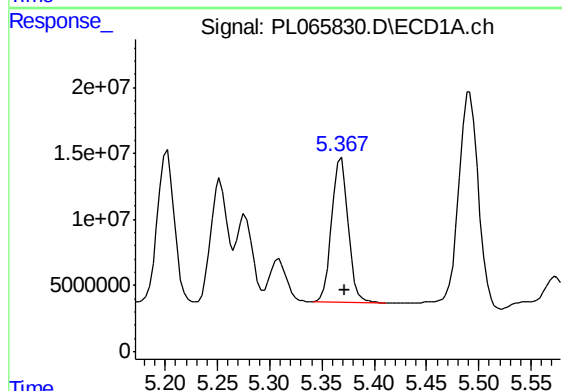
R.T.: 5.202 min  
Delta R.T.: -0.004 min  
Response: 129767057  
Conc: 41.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



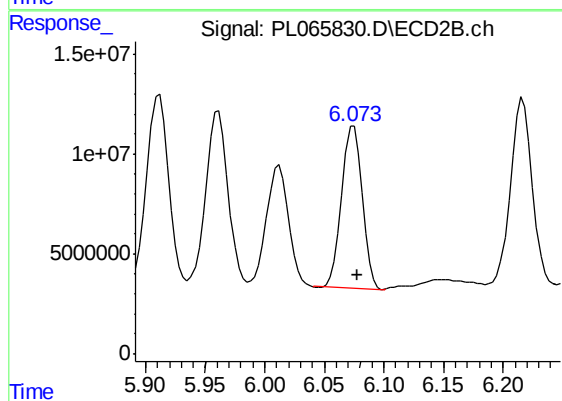
#11 alpha-Chlordane

R.T.: 5.911 min  
Delta R.T.: -0.002 min  
Response: 121567055  
Conc: 41.08 ng/ml



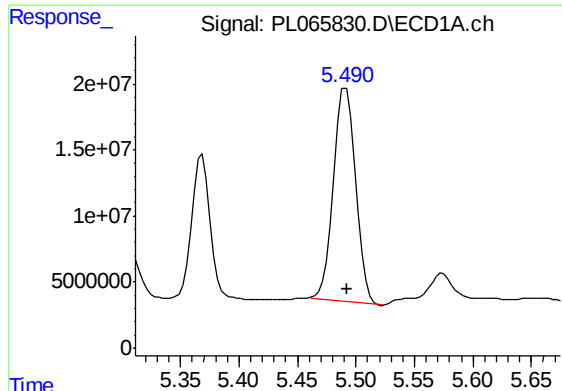
#12 4,4'-DDE

R.T.: 5.368 min  
Delta R.T.: -0.004 min  
Response: 120408042  
Conc: 43.64 ng/ml



#12 4,4'-DDE

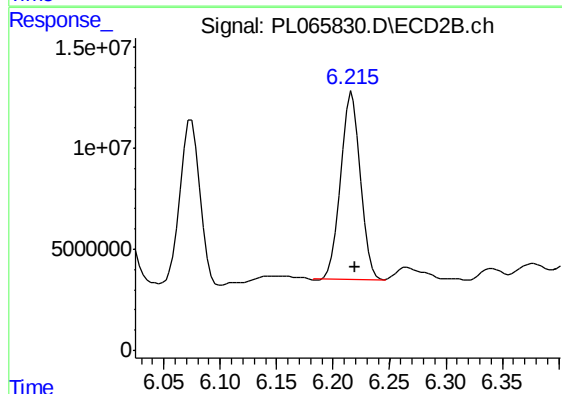
R.T.: 6.075 min  
Delta R.T.: -0.003 min  
Response: 96439066  
Conc: 36.91 ng/ml



#13 Dieldrin

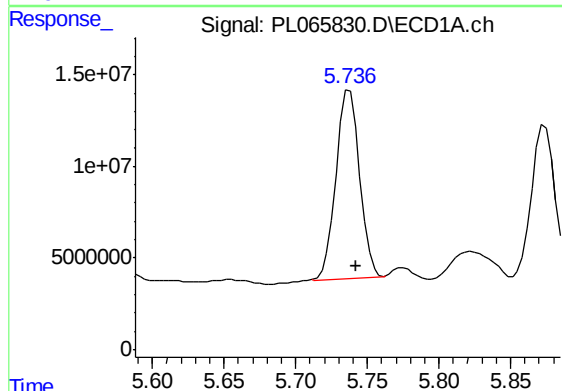
R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 207071216  
Conc: 70.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



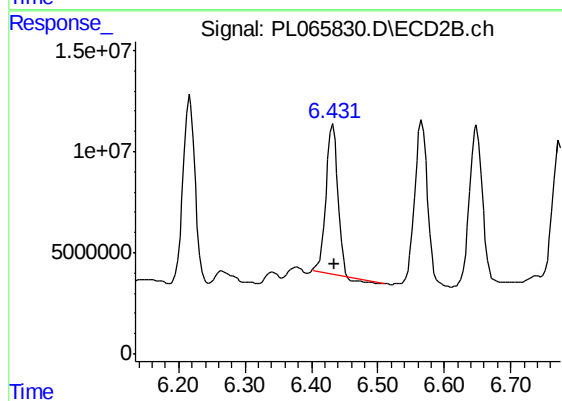
#13 Dieldrin

R.T.: 6.217 min  
Delta R.T.: -0.003 min  
Response: 115885803  
Conc: 41.12 ng/ml



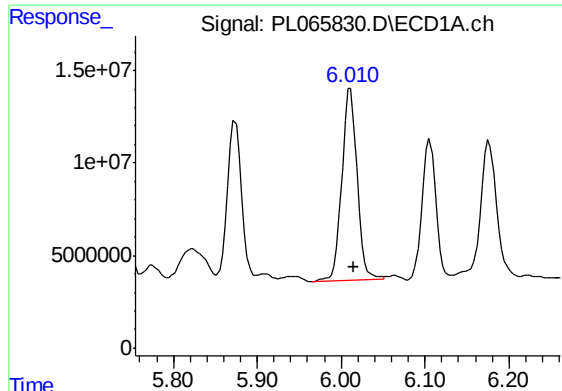
#14 Endrin

R.T.: 5.738 min  
Delta R.T.: -0.005 min  
Response: 117203938  
Conc: 43.41 ng/ml



#14 Endrin

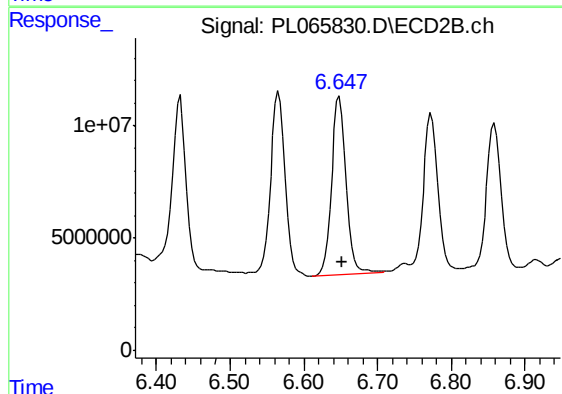
R.T.: 6.432 min  
Delta R.T.: -0.002 min  
Response: 87680458  
Conc: 35.20 ng/ml



#15 Endosulfan II

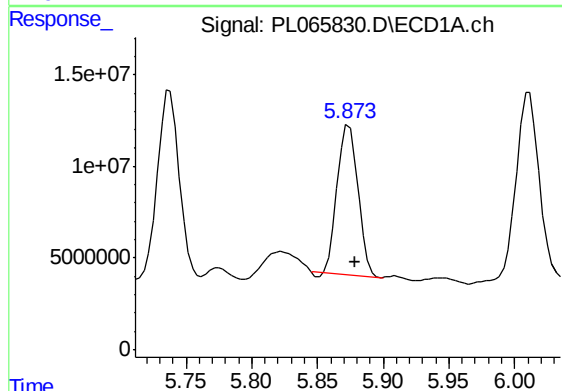
R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 130260893  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



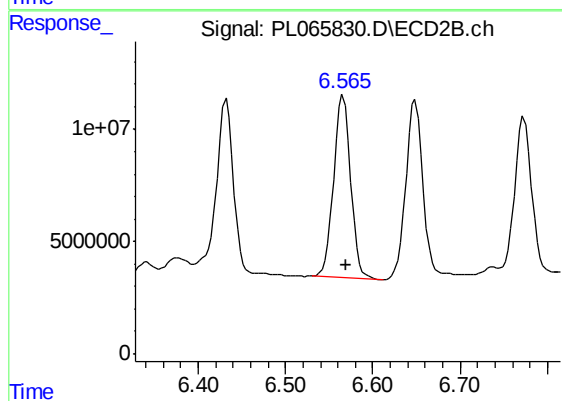
#15 Endosulfan II

R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 109861818  
Conc: 46.48 ng/ml



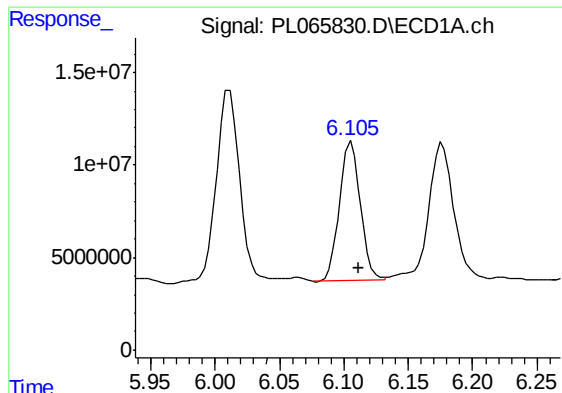
#16 4,4'-DDD

R.T.: 5.874 min  
Delta R.T.: -0.004 min  
Response: 88557025  
Conc: 39.03 ng/ml



#16 4,4'-DDD

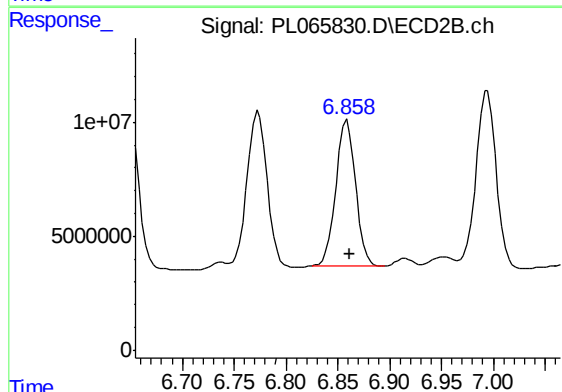
R.T.: 6.566 min  
Delta R.T.: -0.003 min  
Response: 110208025  
Conc: 52.29 ng/ml



#17 4,4'-DDT

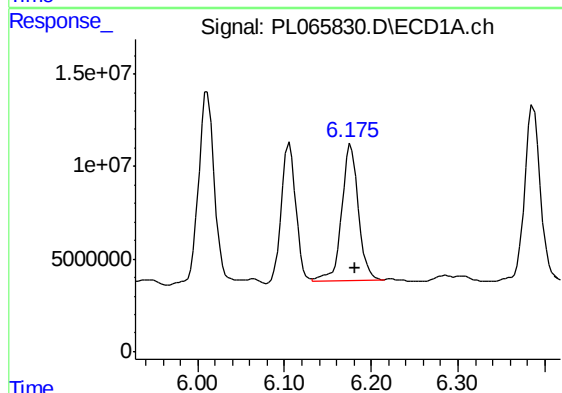
R.T.: 6.106 min  
Delta R.T.: -0.005 min  
Response: 85037470  
Conc: 40.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



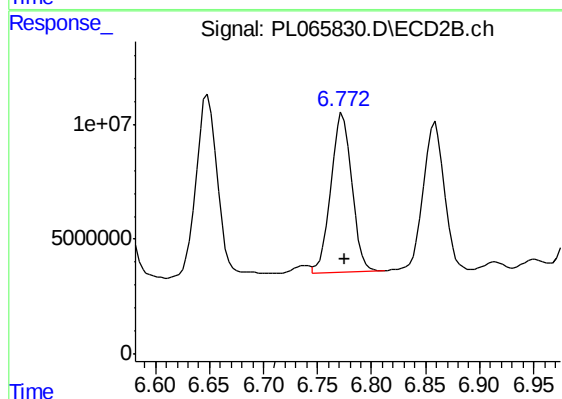
#17 4,4'-DDT

R.T.: 6.859 min  
Delta R.T.: -0.002 min  
Response: 85280160  
Conc: 38.09 ng/ml



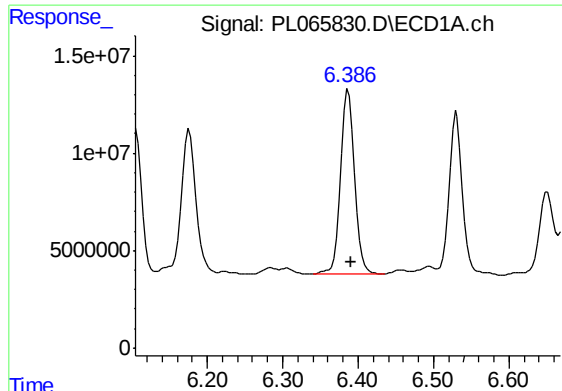
#18 Endrin aldehyde

R.T.: 6.177 min  
Delta R.T.: -0.005 min  
Response: 99969954  
Conc: 52.83 ng/ml



#18 Endrin aldehyde

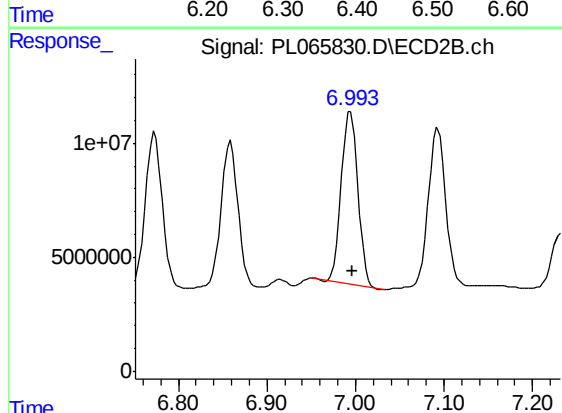
R.T.: 6.773 min  
Delta R.T.: -0.002 min  
Response: 94508754  
Conc: 49.81 ng/ml



#19 Endosulfan Sulfate

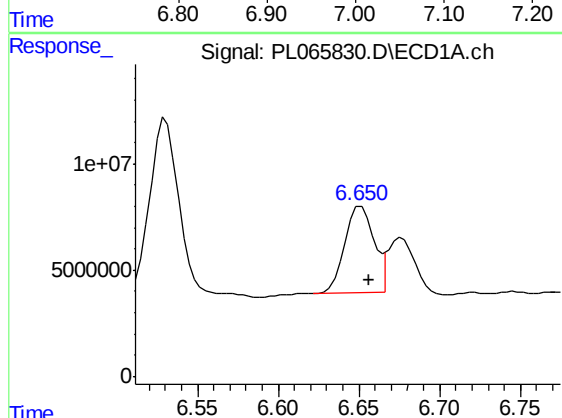
R.T.: 6.387 min  
Delta R.T.: -0.004 min  
Response: 120979302  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



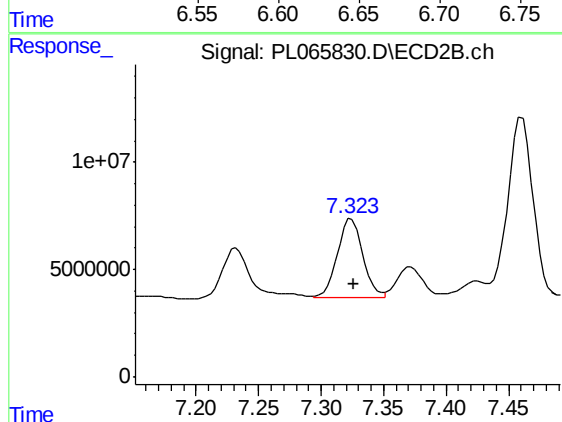
#19 Endosulfan Sulfate

R.T.: 6.994 min  
Delta R.T.: -0.002 min  
Response: 99050439  
Conc: 40.83 ng/ml



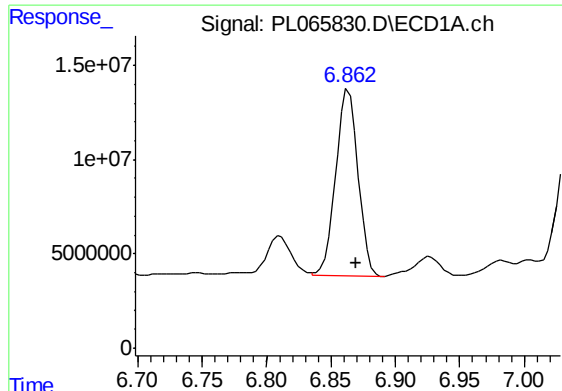
#20 Methoxychlor

R.T.: 6.651 min  
Delta R.T.: -0.005 min  
Response: 51485350  
Conc: 41.01 ng/ml



#20 Methoxychlor

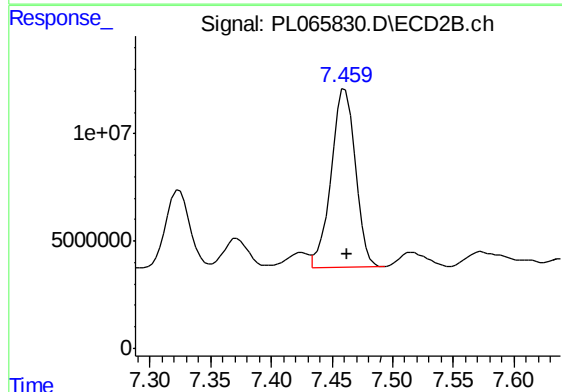
R.T.: 7.324 min  
Delta R.T.: -0.002 min  
Response: 51467091  
Conc: 40.64 ng/ml



#21 Endrin ketone

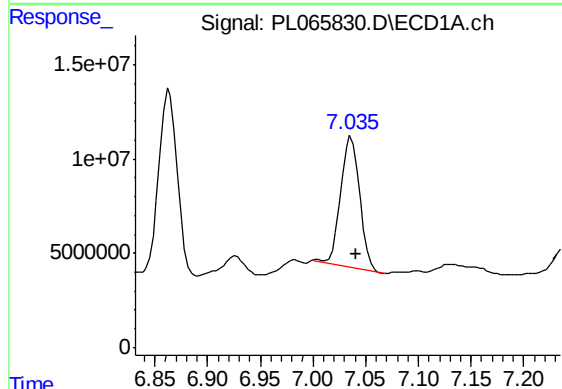
R.T.: 6.864 min  
Delta R.T.: -0.006 min  
Response: 120011097  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



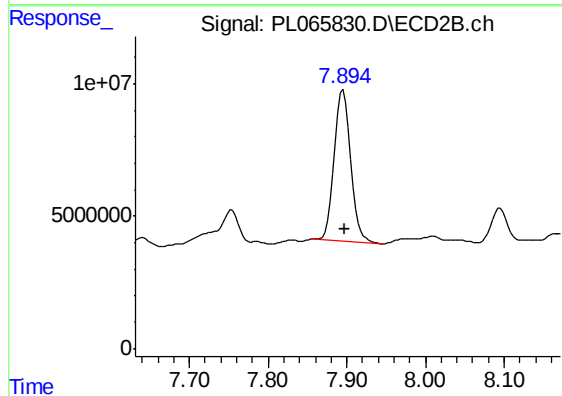
#21 Endrin ketone

R.T.: 7.461 min  
Delta R.T.: -0.001 min  
Response: 115879009  
Conc: 45.08 ng/ml



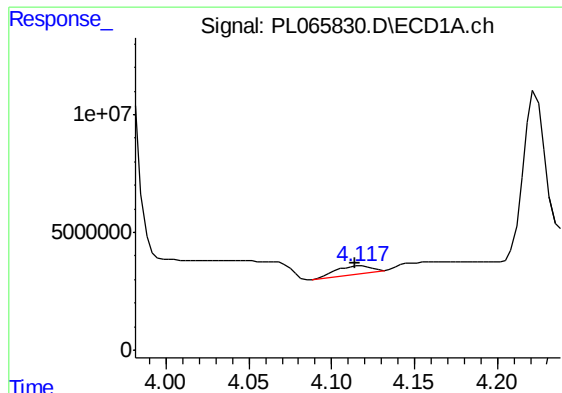
#22 Mirex

R.T.: 7.037 min  
Delta R.T.: -0.004 min  
Response: 86991995  
Conc: 41.54 ng/ml



#22 Mirex

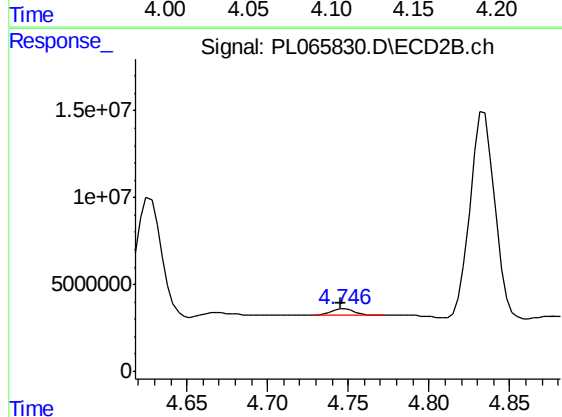
R.T.: 7.895 min  
Delta R.T.: -0.002 min  
Response: 85670693  
Conc: 43.89 ng/ml



#23 Chlordane-1

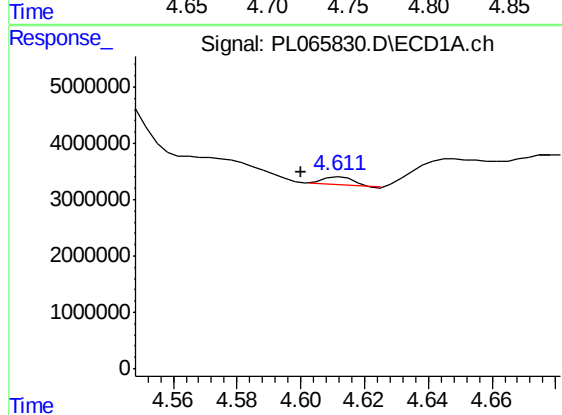
R.T.: 4.118 min  
Delta R.T.: 0.005 min  
Response: 5052977  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



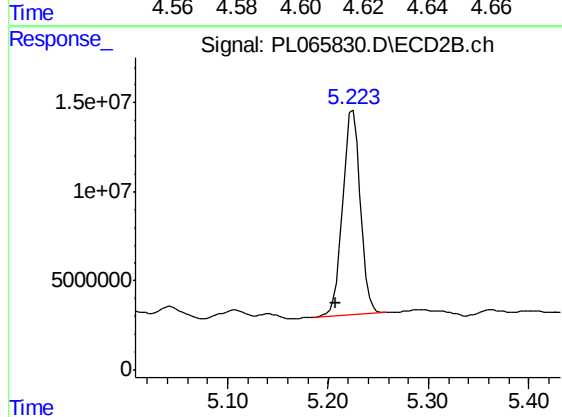
#23 Chlordane-1

R.T.: 4.748 min  
Delta R.T.: 0.002 min  
Response: 3900063  
Conc: 35.31 ng/ml



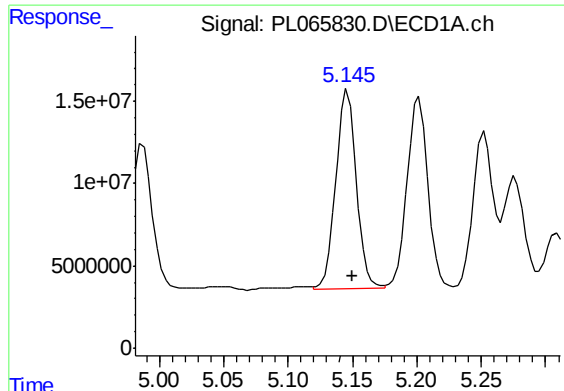
#24 Chlordane-2

R.T.: 4.613 min  
Delta R.T.: 0.012 min  
Response: 905142  
Conc: 7.88 ng/ml



#24 Chlordane-2

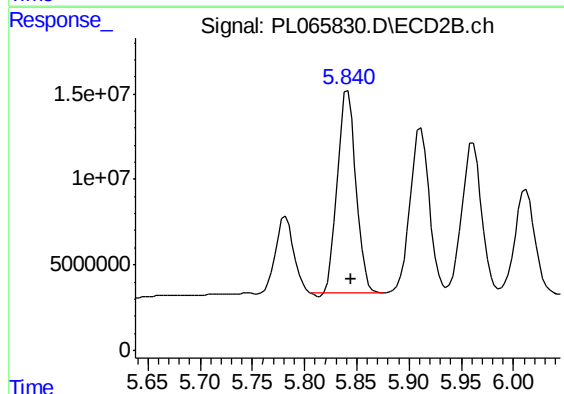
R.T.: 5.225 min  
Delta R.T.: 0.017 min  
Response: 139822951  
Conc: 1221.82 ng/ml



#25 Chlordane-3

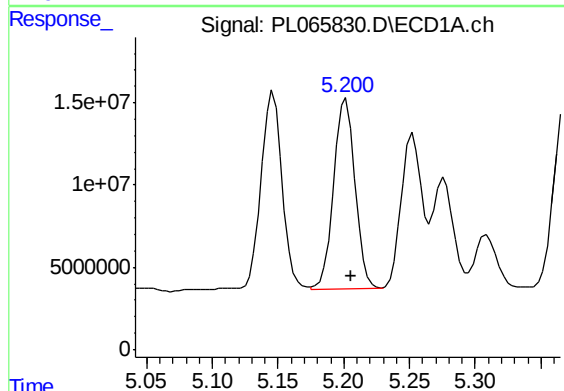
R.T.: 5.146 min  
Delta R.T.: -0.004 min  
Response: 134290267  
Conc: 432.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



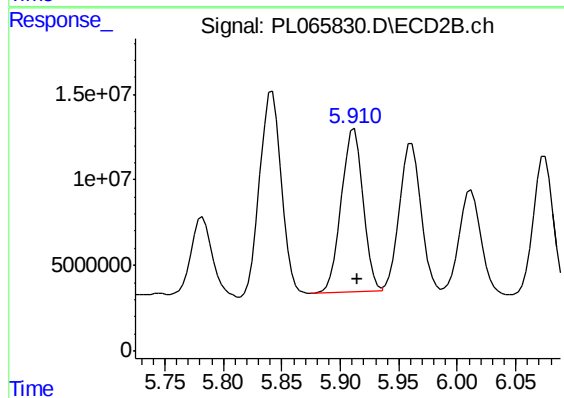
#25 Chlordane-3

R.T.: 5.841 min  
Delta R.T.: -0.003 min  
Response: 145921116  
Conc: 343.31 ng/ml



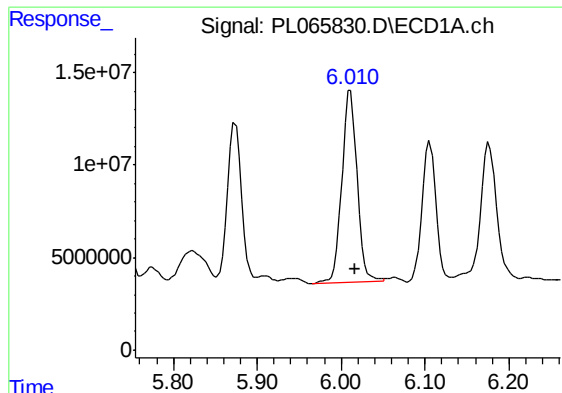
#26 Chlordane-4

R.T.: 5.202 min  
Delta R.T.: -0.003 min  
Response: 129767057  
Conc: 454.50 ng/ml



#26 Chlordane-4

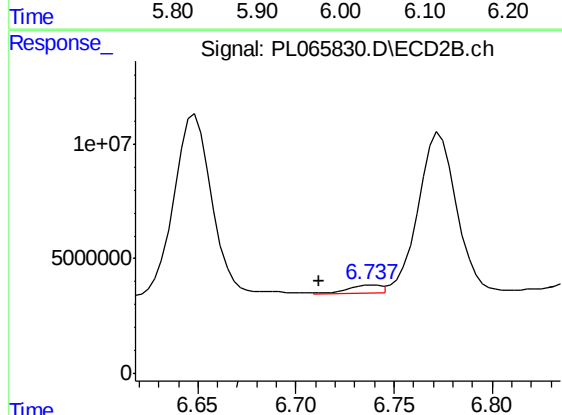
R.T.: 5.911 min  
Delta R.T.: -0.003 min  
Response: 121567055  
Conc: 240.31 ng/ml



#27 Chlordane-5

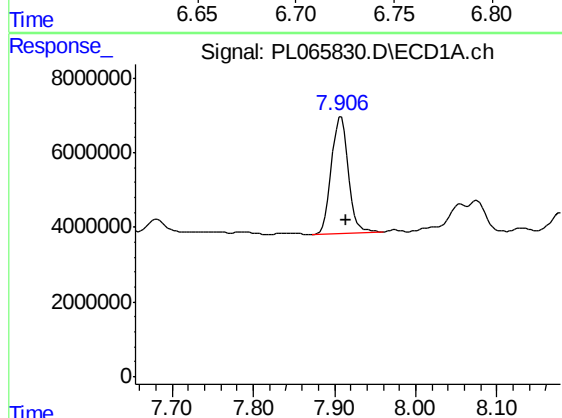
R.T.: 6.011 min  
Delta R.T.: -0.006 min  
Response: 130260893  
Conc: 1273.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3D-(4-10)MS



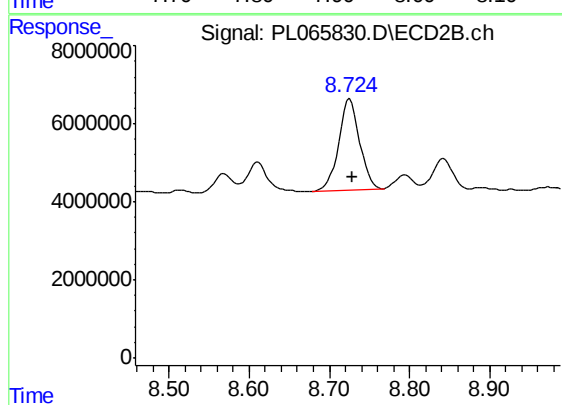
#27 Chlordane-5

R.T.: 6.739 min  
Delta R.T.: 0.027 min  
Response: 4098517  
Conc: 49.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: -0.006 min  
Response: 45563968  
Conc: 19.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.726 min  
Delta R.T.: -0.003 min  
Response: 42430716  
Conc: 18.82 ng/ml