

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092120\  
 Data File : PL061622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Sep 2020 10:18  
 Operator : DD\AJ  
 Sample : L4073-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 H-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 15:20:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 2020  
 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... | 3.458 | 4.007 | 41290497 | 66955270 | 23.941 | 21.767 |
| 28)                         | SA Decachlor... | 8.206 | 9.090 | 36936942 | 42791717 | 22.140 | 18.097 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.894 | 4.396 | 135.1E6  | 238.6E6  | 52.797 | 51.666 |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682 | 124.1E6  | 231.2E6  | 54.366 | 53.881 |
| 4)                          | MA Heptachlor   | 4.478 | 5.192 | 111.4E6  | 195.4E6  | 51.910 | 49.974 |
| 5)                          | MB Aldrin       | 4.726 | 5.498 | 99452871 | 195.1E6  | 51.799 | 51.646 |
| 6)                          | B beta-BHC      | 4.428 | 4.854 | 50161609 | 72168814 | 52.219 | 41.326 |
| 7)                          | B delta-BHC     | 4.632 | 5.070 | 104.4E6  | 135.4E6  | 48.207 | 42.443 |
| 8)                          | B Heptachlo...  | 5.169 | 5.885 | 97545255 | 135.1E6  | 52.352 | 45.229 |
| 9)                          | A Endosulfan I  | 5.508 | 6.243 | 90318636 | 162.1E6  | 52.498 | 50.530 |
| 10)                         | B gamma-Chl...  | 5.396 | 6.120 | 96442726 | 186.6E6  | 52.059 | 54.124 |
| 11)                         | B alpha-Chl...  | 5.454 | 6.193 | 104.1E6  | 185.0E6  | 56.218 | 53.168 |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.349 | 86224530 | 127.1E6  | 50.708 | 39.657 |
| 13)                         | MA Dieldrin     | 5.750 | 6.501 | 104.8E6  | 150.7E6  | 58.373 | 45.958 |
| 14)                         | MA Endrin       | 6.006 | 6.719 | 91918292 | 120.0E6  | 54.695 | 42.931 |
| 15)                         | B Endosulfa...  | 6.279 | 6.929 | 95626422 | 138.8E6  | 55.895 | 46.994 |
| 16)                         | A 4,4'-DDD      | 6.133 | 6.841 | 62084432 | 129.8E6  | 42.960 | 50.557 |
| 17)                         | MA 4,4'-DDT     | 6.373 | 7.141 | 63582716 | 112.0E6  | 46.307 | 44.762 |
| 18)                         | B Endrin al...  | 6.446 | 7.053 | 75778002 | 108.8E6  | 51.476 | 44.474 |
| 19)                         | B Endosulfa...  | 6.659 | 7.277 | 75259054 | 115.4E6  | 45.728 | 42.173 |
| 20)                         | A Methoxychlor  | 6.920 | 7.601 | 32476305 | 60481599 | 37.937 | 42.047 |
| 21)                         | B Endrin ke...  | 7.148 | 7.748 | 82963499 | 133.6E6  | 45.368 | 49.197 |
| 22)                         | Mirex           | 7.338 | 8.204 | 57746007 | 86895297 | 38.619 | 45.128 |
| -----                       |                 |       |       |          |          |        |        |

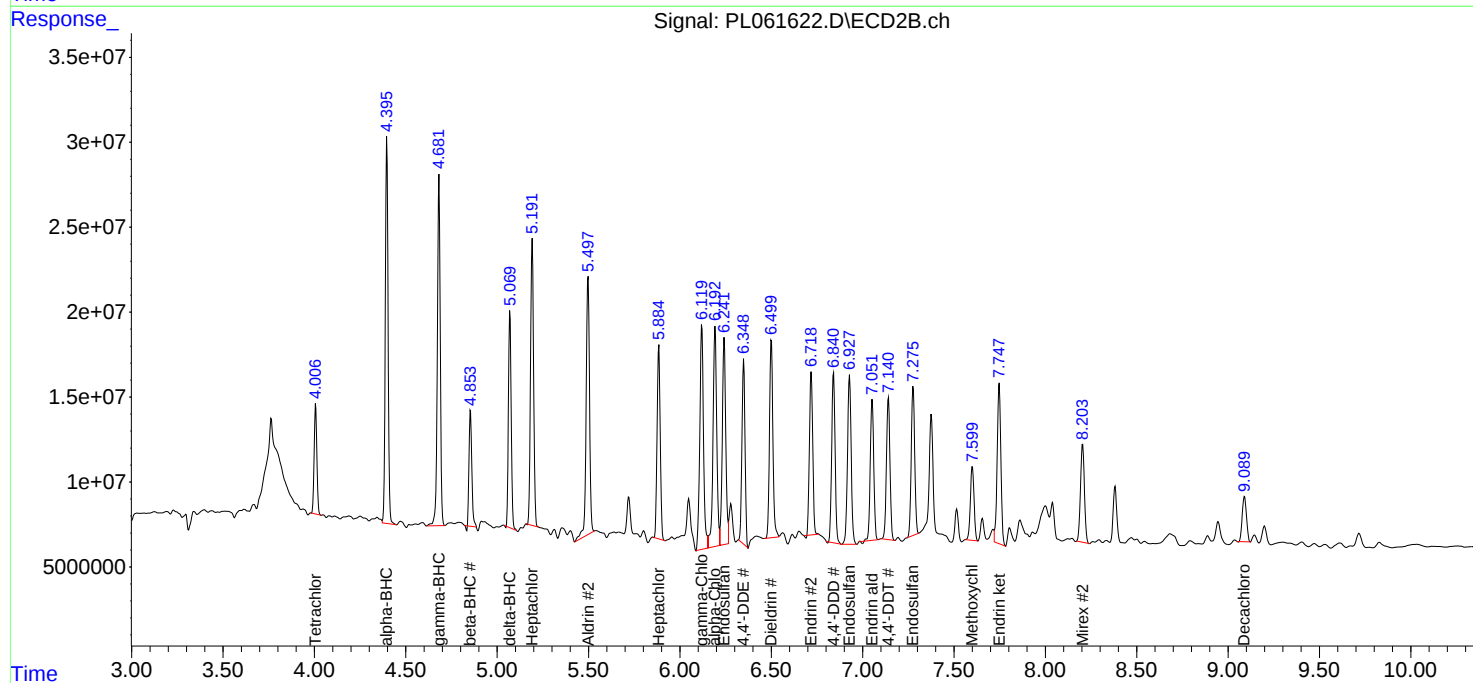
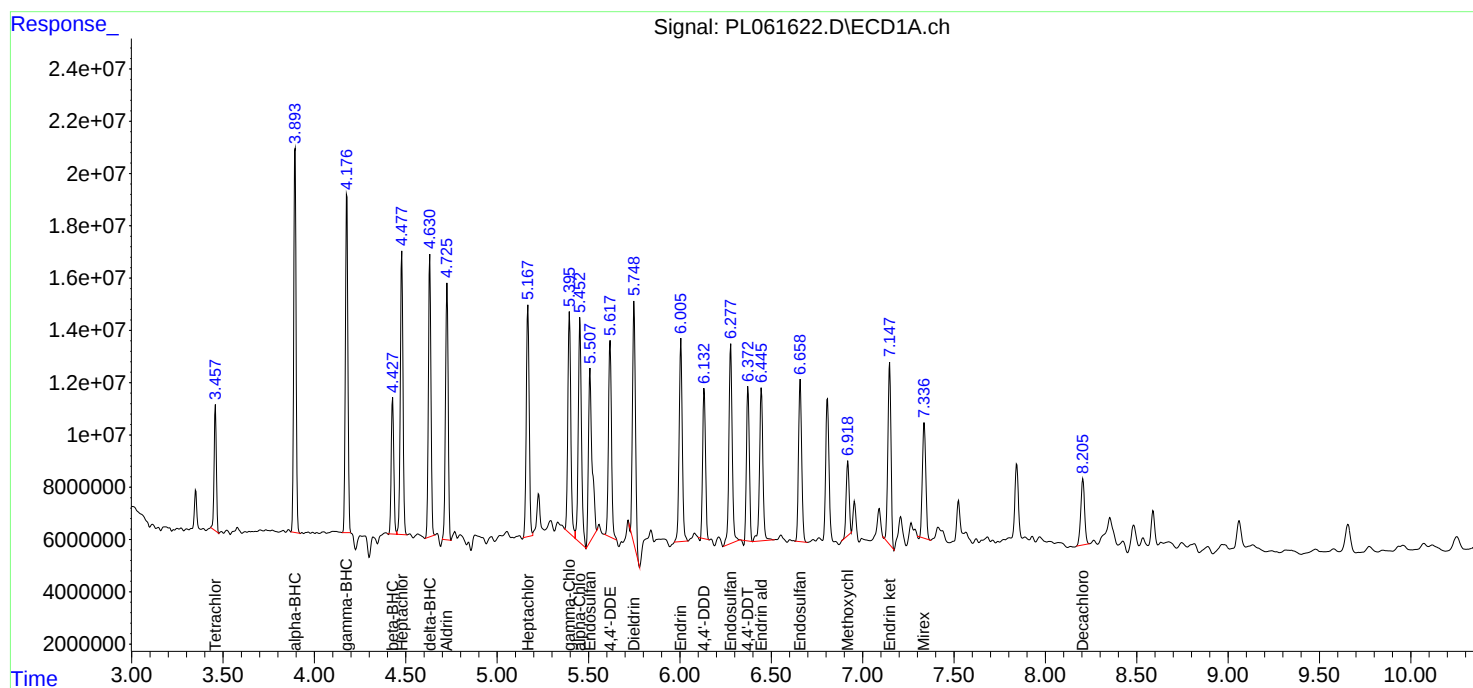
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

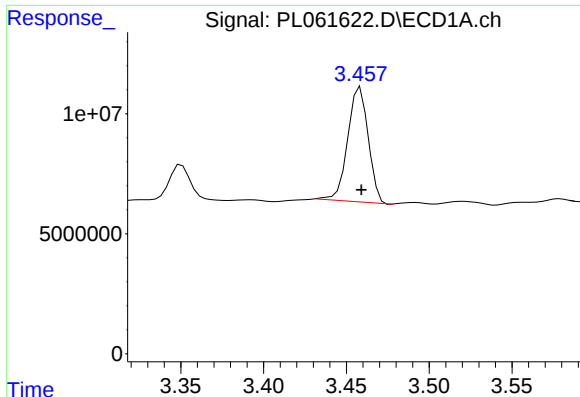
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092120\  
Data File : PL061622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Sep 2020 10:18  
Operator : DD\AJ  
Sample : L4073-01MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 15:20:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 2020  
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

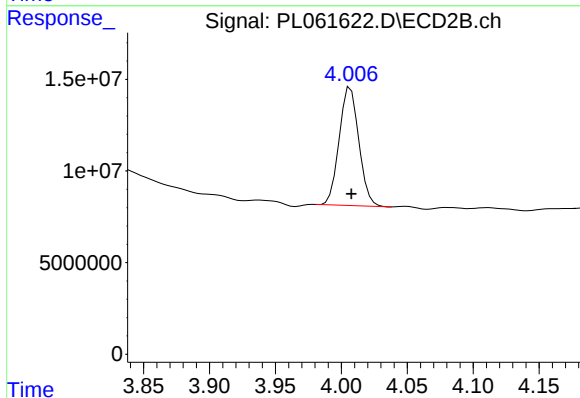




#1 Tetrachloro-m-xylene

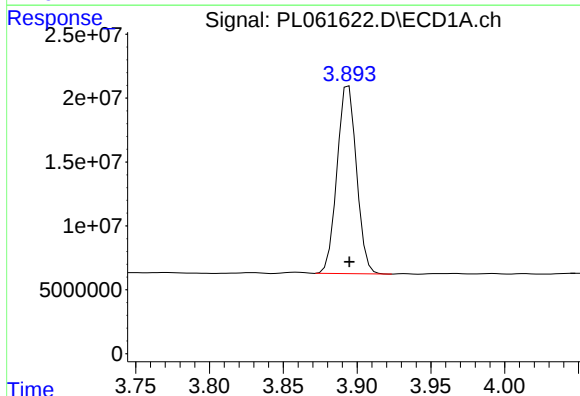
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 41290497  
Conc: 23.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



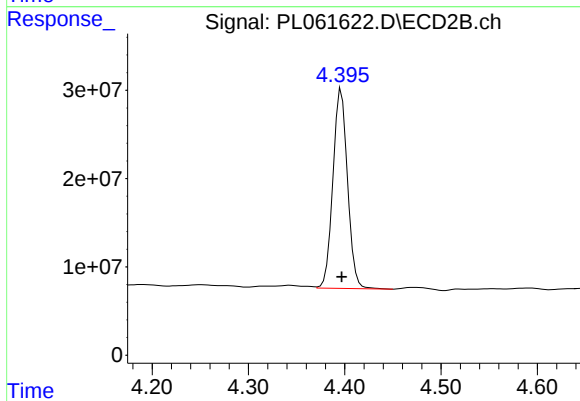
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 66955270  
Conc: 21.77 ng/ml



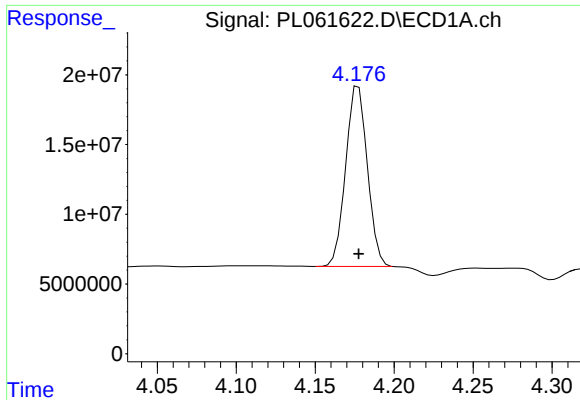
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 135115719  
Conc: 52.80 ng/ml



#2 alpha-BHC

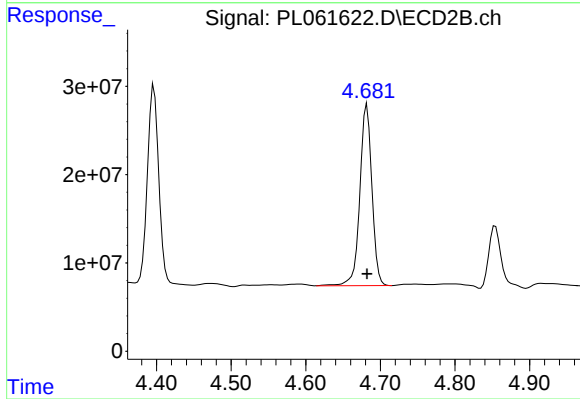
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 238602106  
Conc: 51.67 ng/ml



#3 gamma-BHC (Lindane)

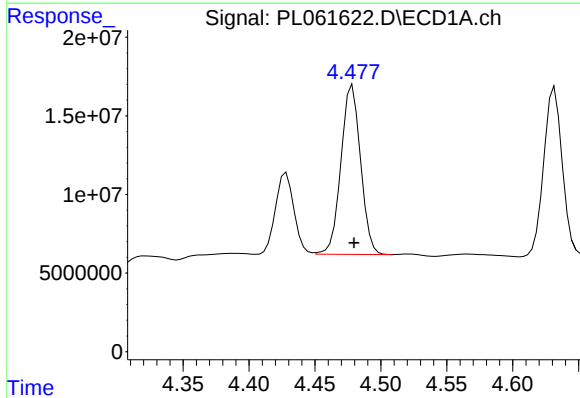
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 124082550  
Conc: 54.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



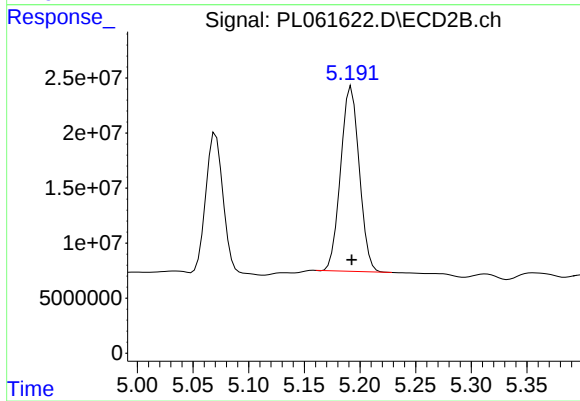
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 231168394  
Conc: 53.88 ng/ml



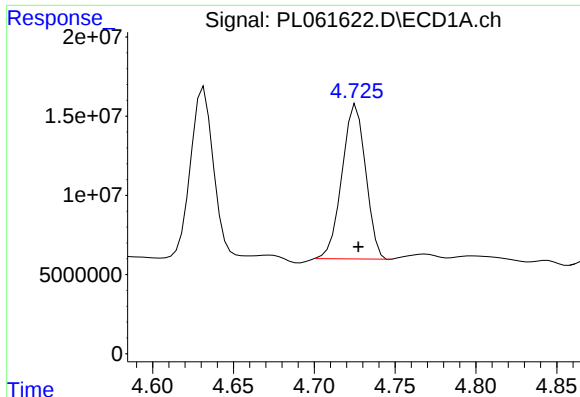
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: -0.001 min  
Response: 111373932  
Conc: 51.91 ng/ml



#4 Heptachlor

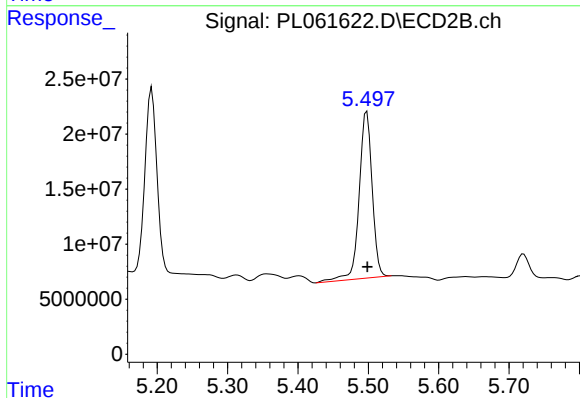
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 195363017  
Conc: 49.97 ng/ml



#5 Aldrin

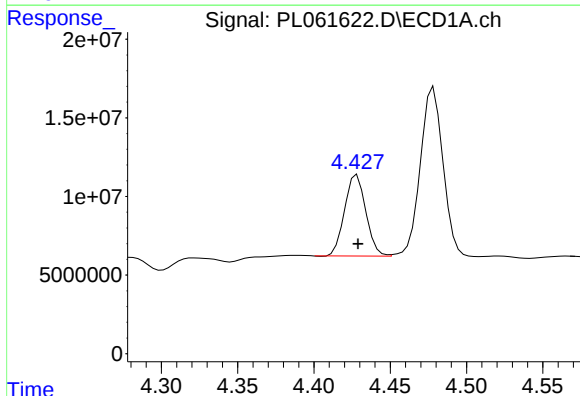
R.T.: 4.726 min  
Delta R.T.: -0.001 min  
Response: 99452871  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



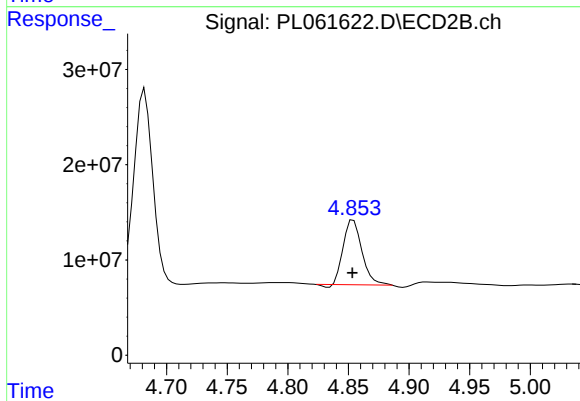
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 195149789  
Conc: 51.65 ng/ml



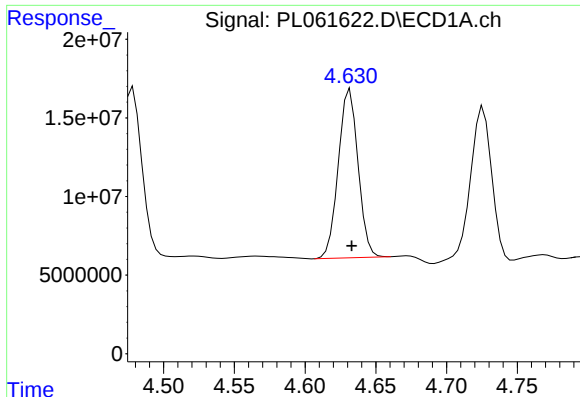
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 50161609  
Conc: 52.22 ng/ml



#6 beta-BHC

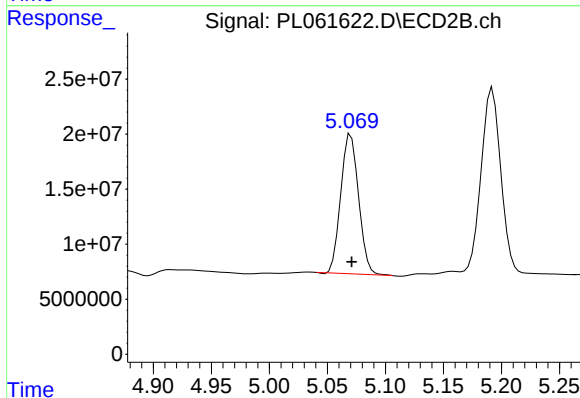
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 72168814  
Conc: 41.33 ng/ml



#7 delta-BHC

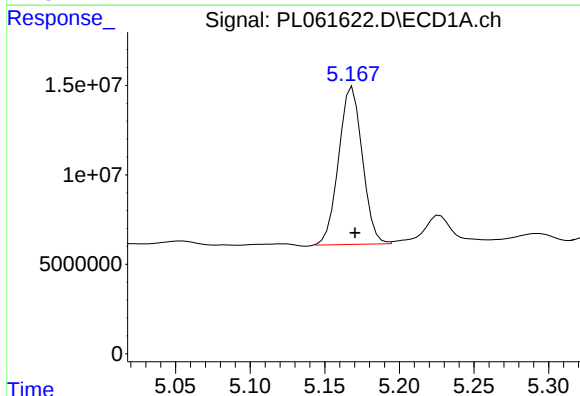
R.T.: 4.632 min  
Delta R.T.: -0.001 min  
Response: 104426914  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



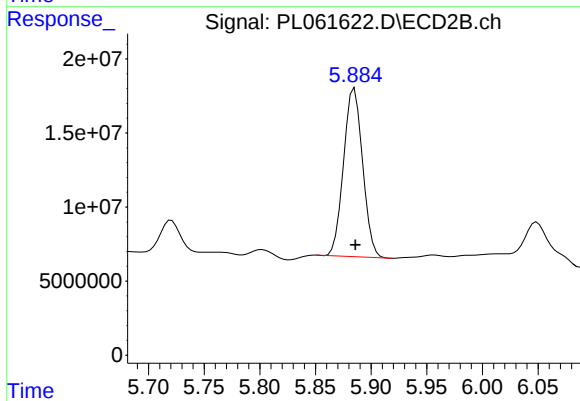
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 135372243  
Conc: 42.44 ng/ml



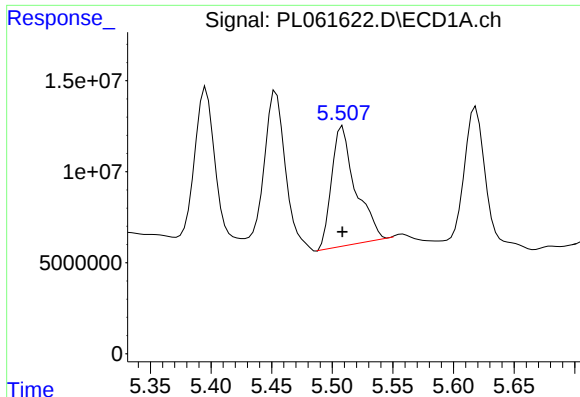
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 97545255  
Conc: 52.35 ng/ml



#8 Heptachlor epoxide

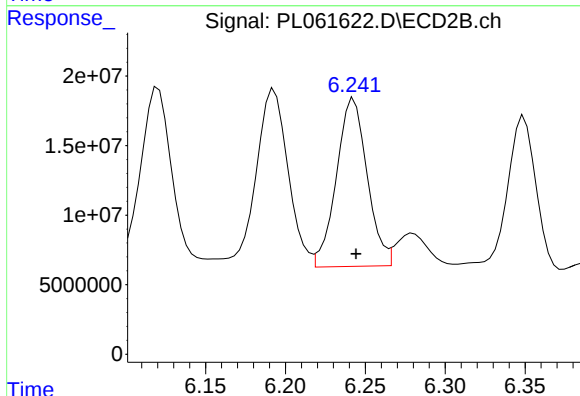
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 135050084  
Conc: 45.23 ng/ml



#9 Endosulfan I

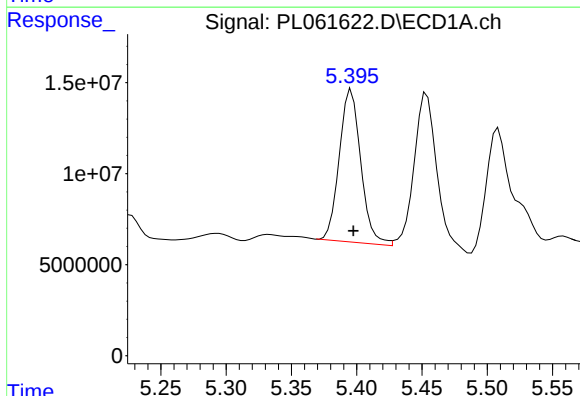
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 90318636  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



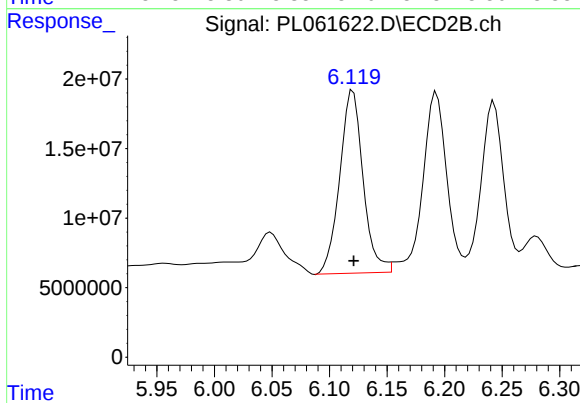
#9 Endosulfan I

R.T.: 6.243 min  
Delta R.T.: -0.001 min  
Response: 162093363  
Conc: 50.53 ng/ml



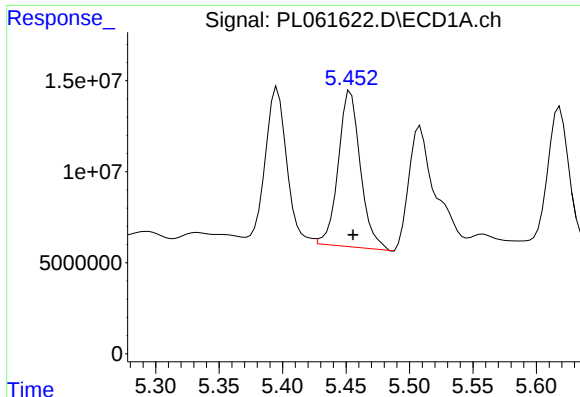
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 96442726  
Conc: 52.06 ng/ml



#10 gamma-Chlordane

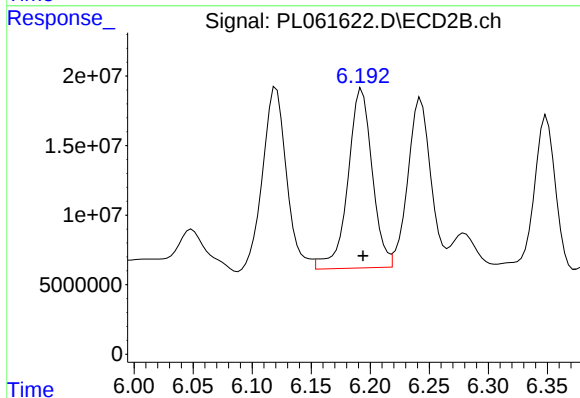
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 186587477  
Conc: 54.12 ng/ml



#11 alpha-Chlordane

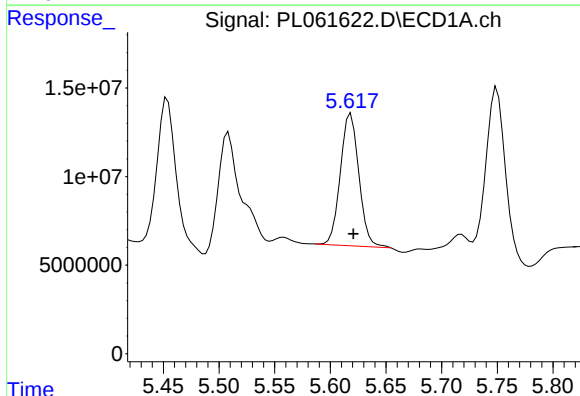
R.T.: 5.454 min  
Delta R.T.: -0.002 min  
Response: 104142658  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



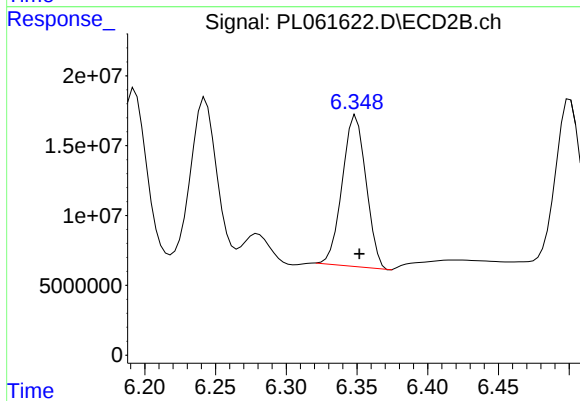
#11 alpha-Chlordane

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 185026542  
Conc: 53.17 ng/ml



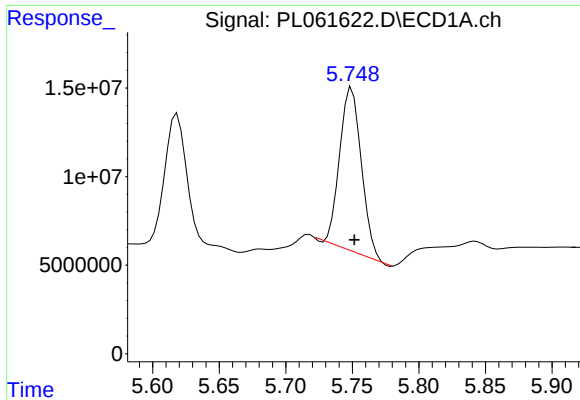
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: -0.002 min  
Response: 86224530  
Conc: 50.71 ng/ml



#12 4,4'-DDE

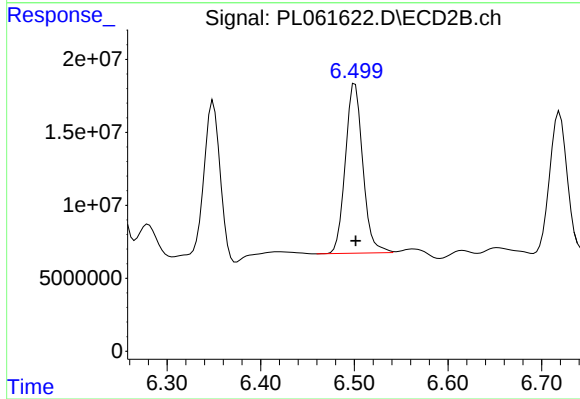
R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 127116859  
Conc: 39.66 ng/ml



#13 Dieldrin

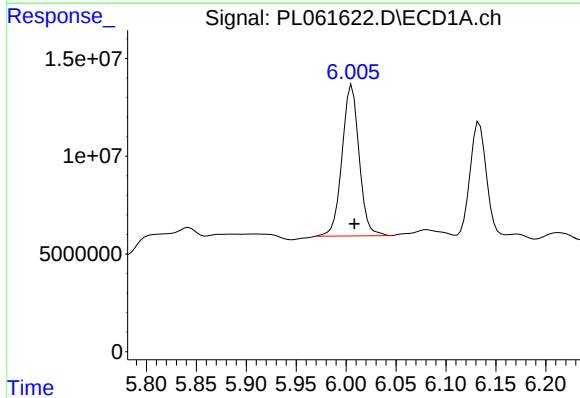
R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 104778178  
Conc: 58.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



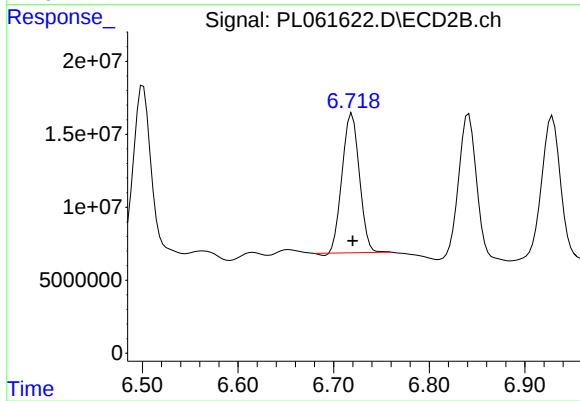
#13 Dieldrin

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 150684085  
Conc: 45.96 ng/ml



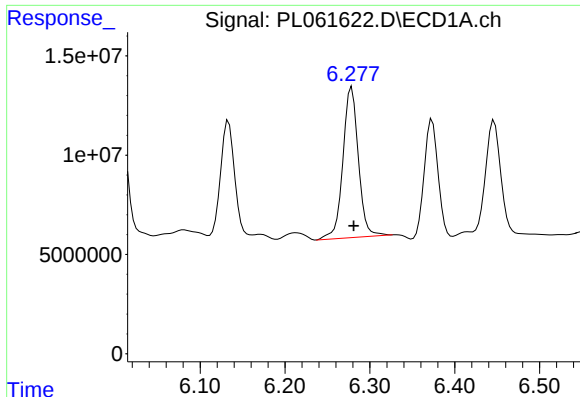
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.002 min  
Response: 91918292  
Conc: 54.70 ng/ml



#14 Endrin

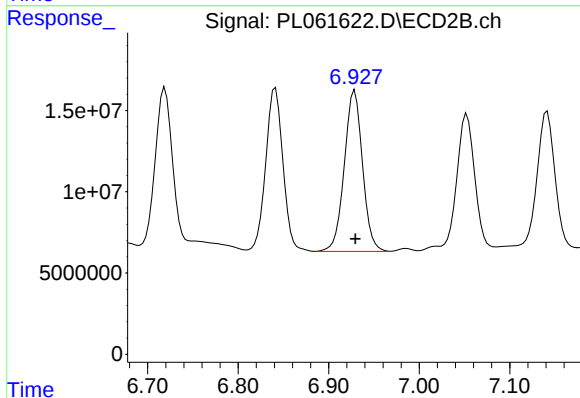
R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 120039669  
Conc: 42.93 ng/ml



#15 Endosulfan II

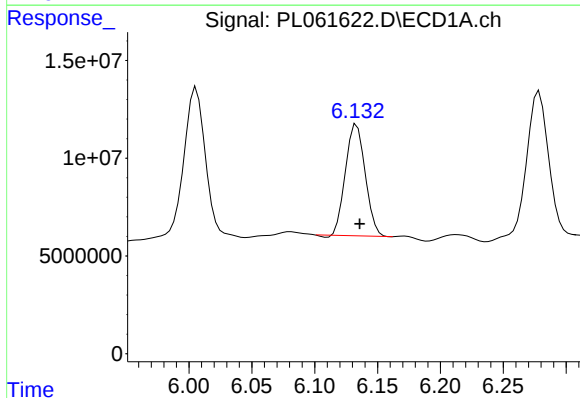
R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 95626422  
Conc: 55.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



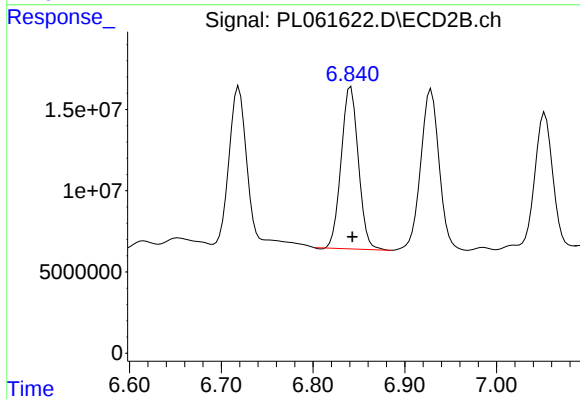
#15 Endosulfan II

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 138811895  
Conc: 46.99 ng/ml



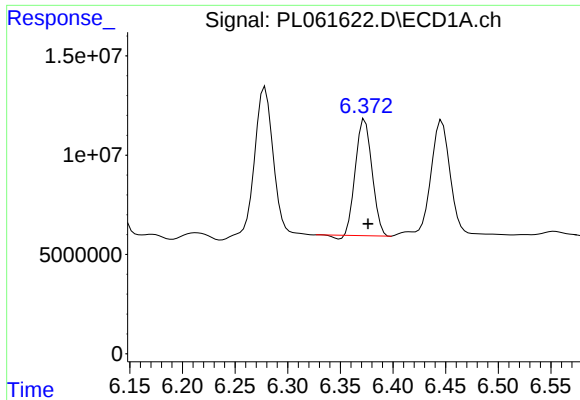
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 62084432  
Conc: 42.96 ng/ml



#16 4,4'-DDD

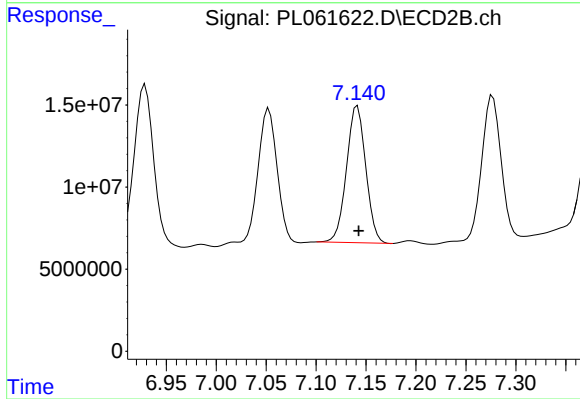
R.T.: 6.841 min  
Delta R.T.: -0.002 min  
Response: 129830271  
Conc: 50.56 ng/ml



#17 4,4'-DDT

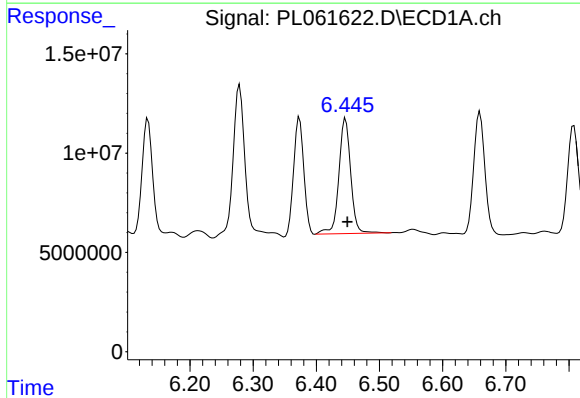
R.T.: 6.373 min  
Delta R.T.: -0.003 min  
Response: 63582716  
Conc: 46.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



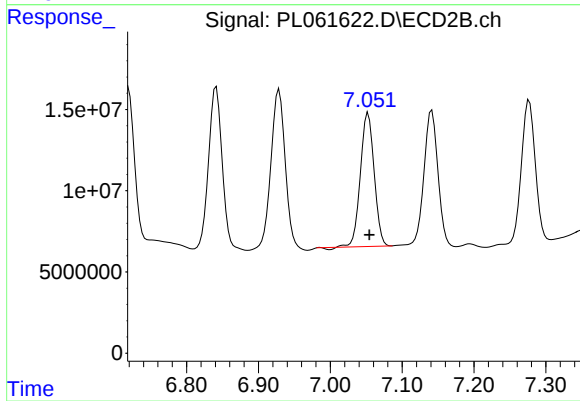
#17 4,4'-DDT

R.T.: 7.141 min  
Delta R.T.: -0.001 min  
Response: 112043634  
Conc: 44.76 ng/ml



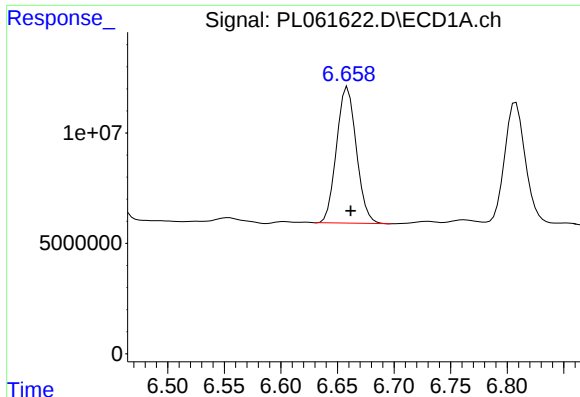
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.003 min  
Response: 75778002  
Conc: 51.48 ng/ml



#18 Endrin aldehyde

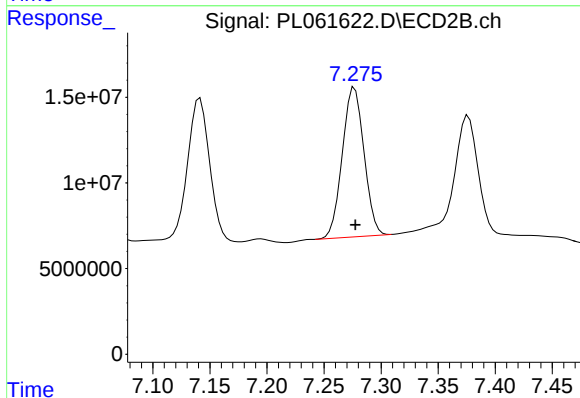
R.T.: 7.053 min  
Delta R.T.: -0.002 min  
Response: 108807659  
Conc: 44.47 ng/ml



#19 Endosulfan Sulfate

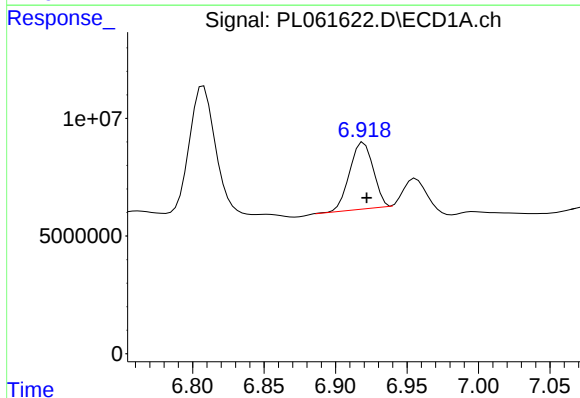
R.T.: 6.659 min  
Delta R.T.: -0.003 min  
Response: 75259054  
Conc: 45.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



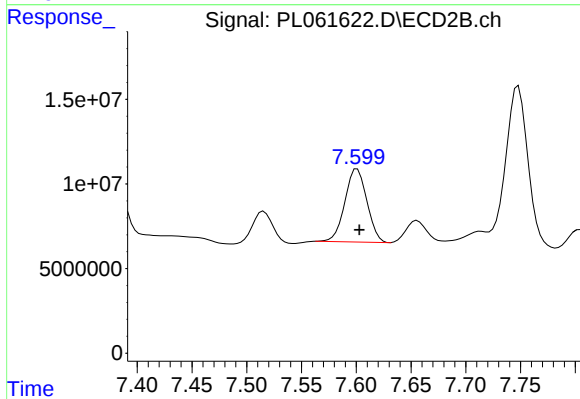
#19 Endosulfan Sulfate

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 115374021  
Conc: 42.17 ng/ml



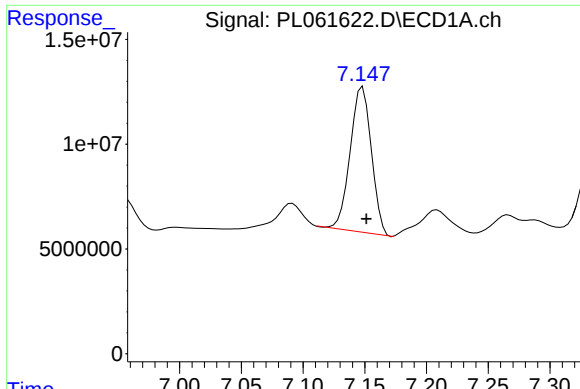
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 32476305  
Conc: 37.94 ng/ml



#20 Methoxychlor

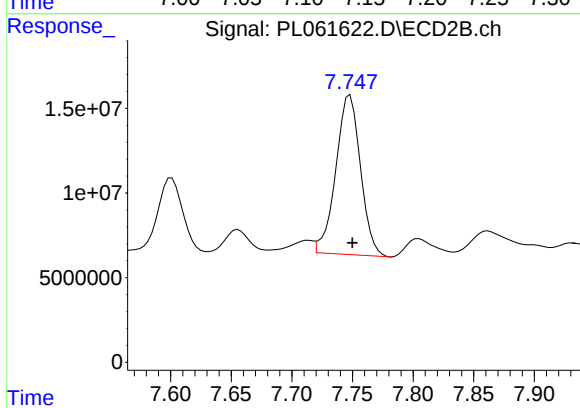
R.T.: 7.601 min  
Delta R.T.: -0.002 min  
Response: 60481599  
Conc: 42.05 ng/ml



#21 Endrin ketone

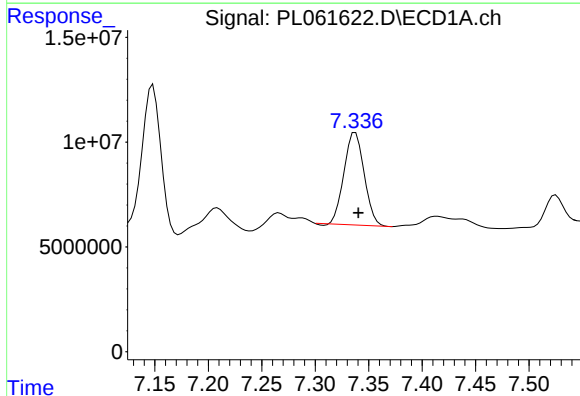
R.T.: 7.148 min  
Delta R.T.: -0.003 min  
Response: 82963499  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



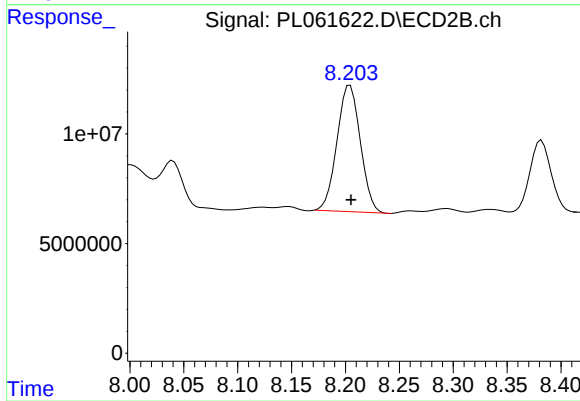
#21 Endrin ketone

R.T.: 7.748 min  
Delta R.T.: -0.002 min  
Response: 133558310  
Conc: 49.20 ng/ml



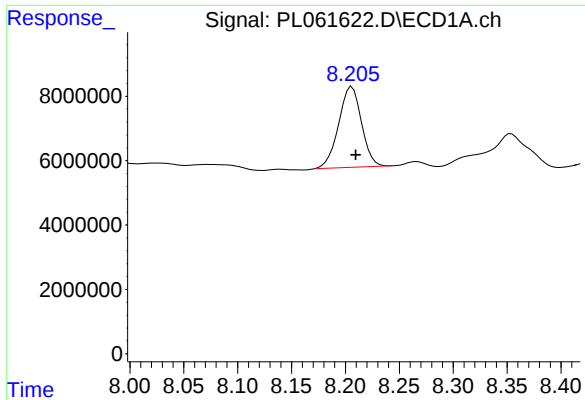
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.003 min  
Response: 57746007  
Conc: 38.62 ng/ml



#22 Mirex

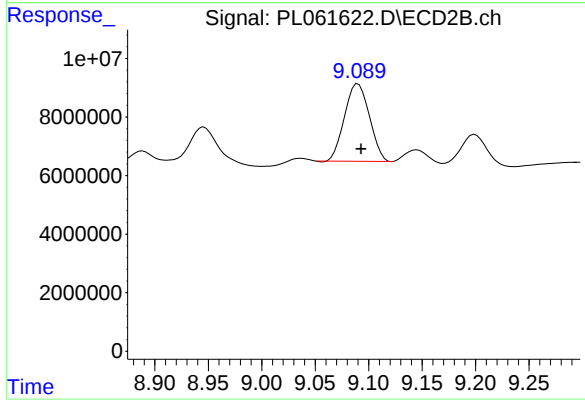
R.T.: 8.204 min  
Delta R.T.: 0.000 min  
Response: 86895297  
Conc: 45.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.004 min  
Response: 36936942  
Conc: 22.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MSD



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.003 min  
Response: 42791717  
Conc: 18.10 ng/ml