

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
 Data File : PL062018.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2020 18:29  
 Operator : DD\AJ  
 Sample : L4219-08MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-01-100120MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 18:46:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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 | 35511329 | 54730403 | 20.816 | 20.061 |
| 28)                         | SA Decachlor... | 8.208 | 9.093 | 39284659 | 54273816 | 24.149 | 24.655 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.894 | 4.396 | 137.7E6  | 227.4E6  | 56.483 | 56.939 |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682 | 125.1E6  | 208.5E6  | 57.176 | 56.333 |
| 4)                          | MA Heptachlor   | 4.478 | 5.192 | 115.1E6  | 198.4E6  | 56.388 | 57.285 |
| 5)                          | MB Aldrin       | 4.726 | 5.498 | 103.6E6  | 185.8E6  | 57.437 | 57.356 |
| 6)                          | B beta-BHC      | 4.428 | 4.854 | 49948953 | 83231532 | 54.690 | 55.121 |
| 7)                          | B delta-BHC     | 4.632 | 5.071 | 119.8E6  | 180.8E6  | 58.449 | 70.974 |
| 8)                          | B Heptachlo...  | 5.168 | 5.886 | 100.1E6  | 168.4E6  | 57.331 | 67.961 |
| 9)                          | A Endosulfan I  | 5.507 | 6.244 | 93395341 | 156.1E6  | 57.636 | 56.510 |
| 10)                         | B gamma-Chl...  | 5.396 | 6.121 | 99572297 | 170.2E6  | 57.335 | 57.945 |
| 11)                         | B alpha-Chl...  | 5.454 | 6.193 | 99549668 | 169.9E6  | 57.309 | 56.581 |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352 | 91410813 | 155.7E6  | 58.162 | 57.029 |
| 13)                         | MA Dieldrin     | 5.750 | 6.502 | 96245701 | 160.5E6  | 57.225 | 56.565 |
| 14)                         | MA Endrin       | 6.006 | 6.720 | 86342736 | 129.9E6  | 54.263 | 53.238 |
| 15)                         | B Endosulfa...  | 6.279 | 6.930 | 89017256 | 139.2E6  | 55.057 | 53.860 |
| 16)                         | A 4,4'-DDD      | 6.133 | 6.844 | 80291534 | 129.7E6  | 60.642 | 58.356 |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.143 | 71747348 | 117.8E6  | 56.875 | 53.803 |
| 18)                         | B Endrin al...  | 6.447 | 7.054 | 76839652 | 119.1E6  | 54.644 | 55.636 |
| 19)                         | B Endosulfa...  | 6.660 | 7.278 | 87495281 | 132.5E6  | 56.556 | 56.570 |
| 20)                         | A Methoxychlor  | 6.921 | 7.603 | 43260759 | 66028608 | 53.506 | 52.405 |
| 21)                         | B Endrin ke...  | 7.150 | 7.749 | 102.6E6  | 140.4E6  | 60.033 | 59.834 |
| 22)                         | Mirex           | 7.339 | 8.205 | 75131360 | 100.3E6  | 53.592 | 56.932 |
| -----                       |                 |       |       |          |          |        |        |

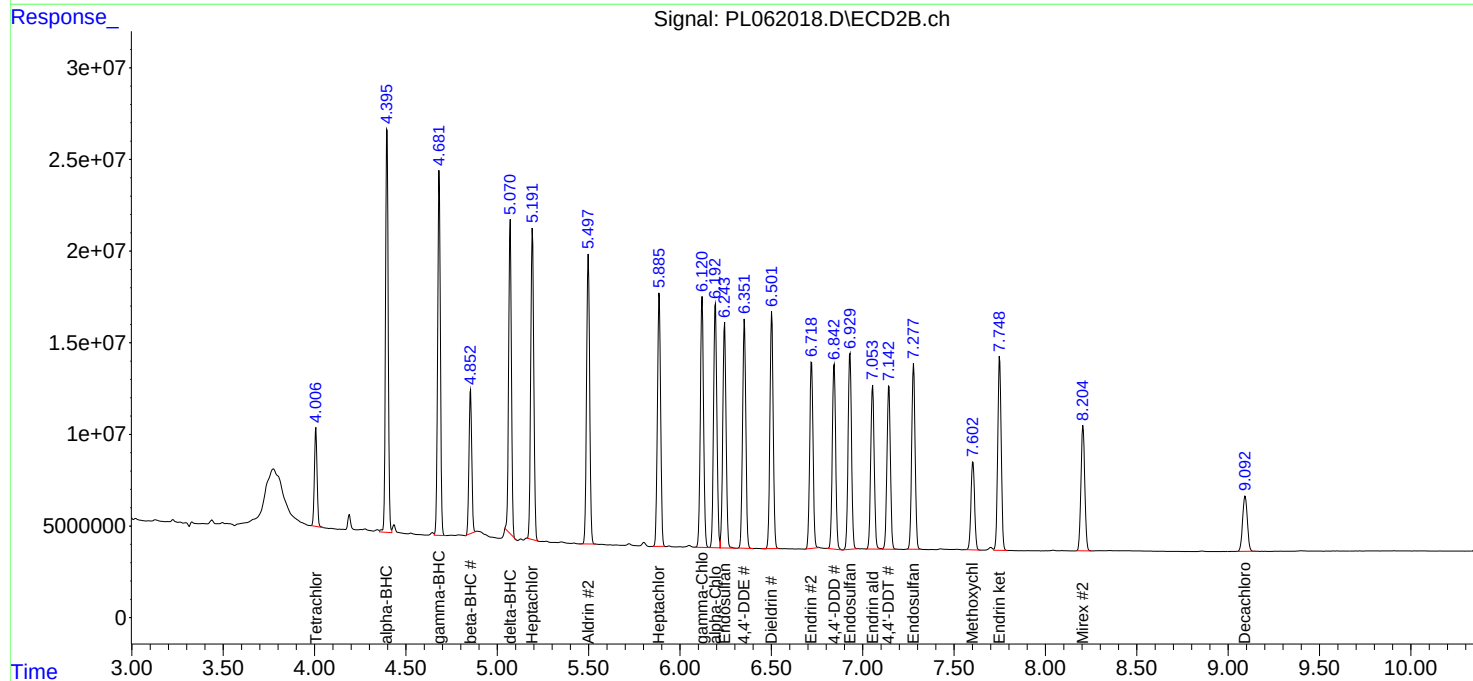
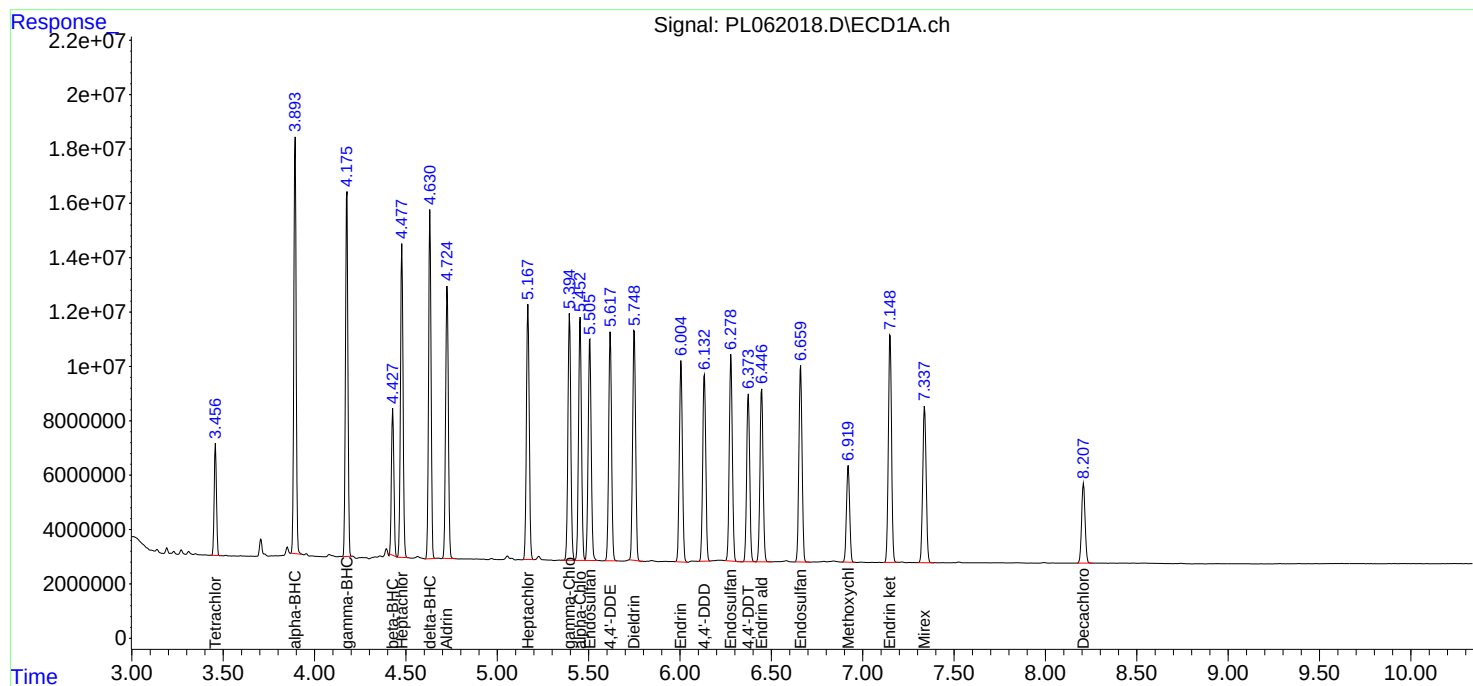
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

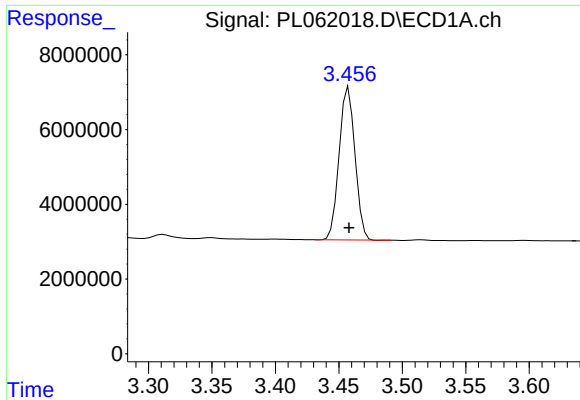
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
Data File : PL062018.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2020 18:29  
Operator : DD\AJ  
Sample : L4219-08MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
CL-01-100120MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 18:46:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

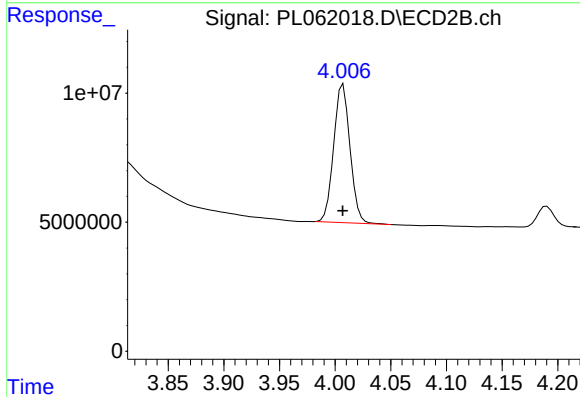




#1 Tetrachloro-m-xylene

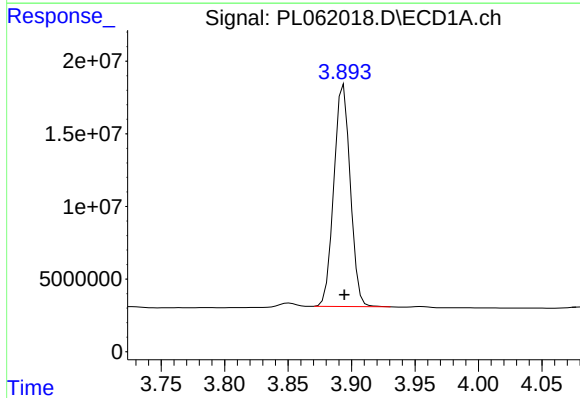
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 35511329  
Conc: 20.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



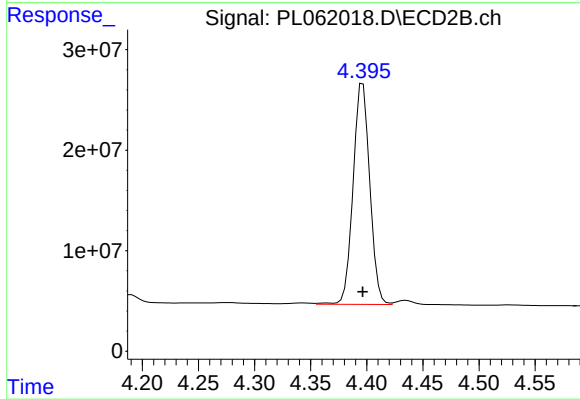
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 54730403  
Conc: 20.06 ng/ml



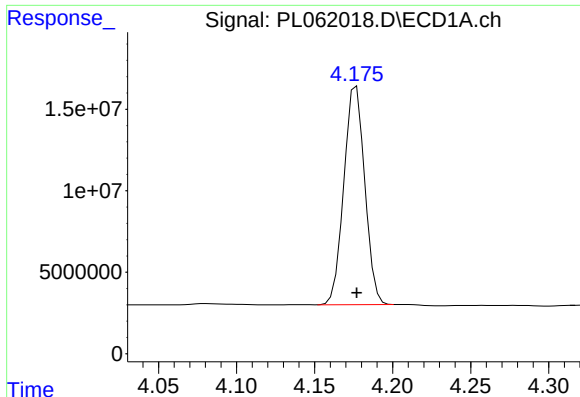
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 137673522  
Conc: 56.48 ng/ml



#2 alpha-BHC

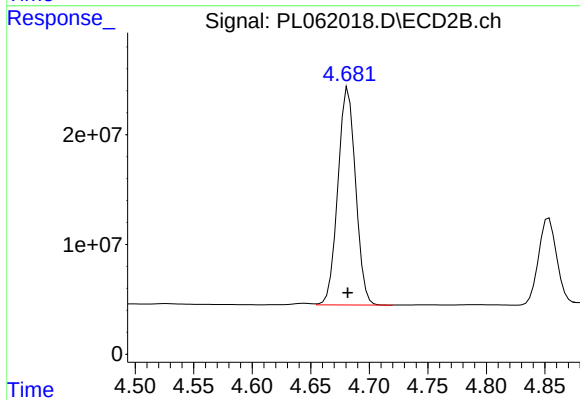
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 227432772  
Conc: 56.94 ng/ml



#3 gamma-BHC (Lindane)

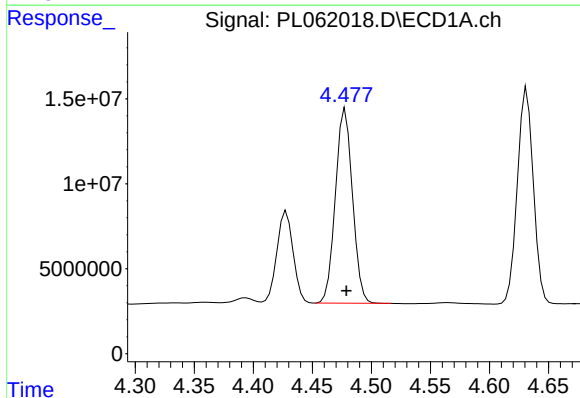
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 125057375  
Conc: 57.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



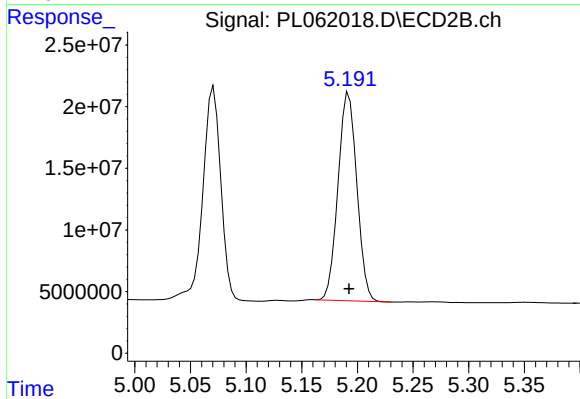
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 208539424  
Conc: 56.33 ng/ml



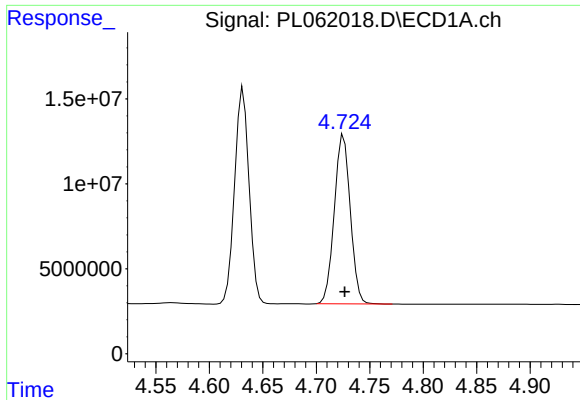
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 115069404  
Conc: 56.39 ng/ml



#4 Heptachlor

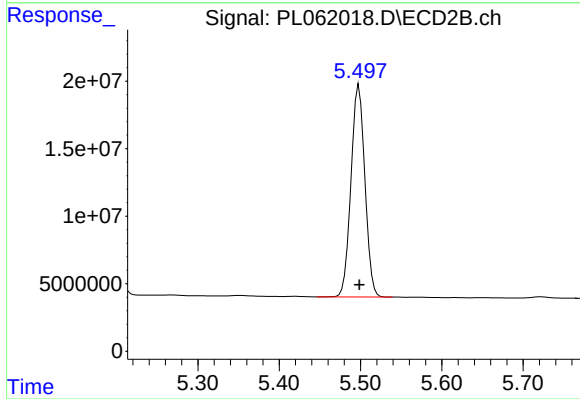
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 198371164  
Conc: 57.28 ng/ml



#5 Aldrin

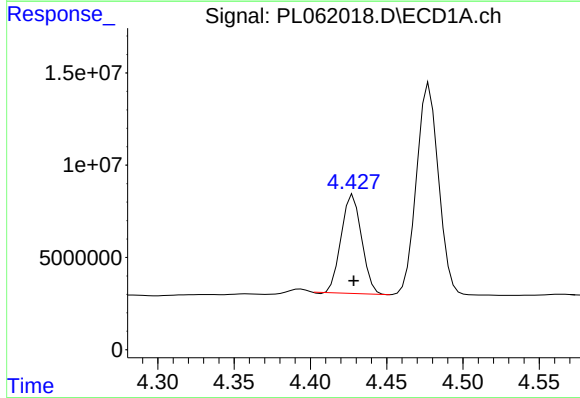
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 103634810  
Conc: 57.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



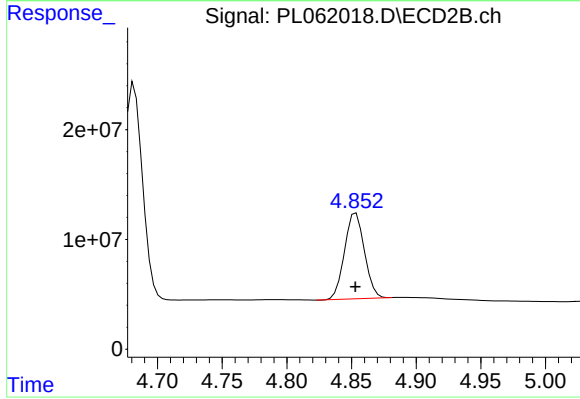
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 185802097  
Conc: 57.36 ng/ml



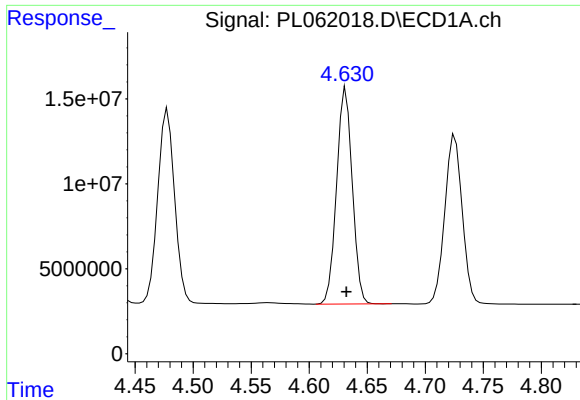
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 49948953  
Conc: 54.69 ng/ml



#6 beta-BHC

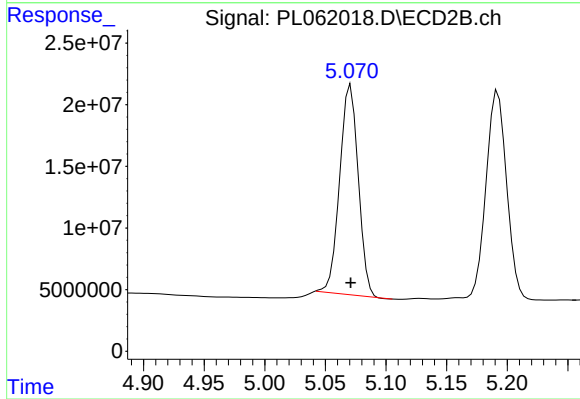
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 83231532  
Conc: 55.12 ng/ml



#7 delta-BHC

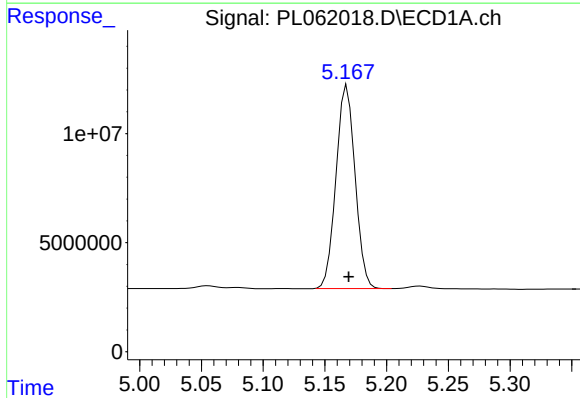
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 119832578  
Conc: 58.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



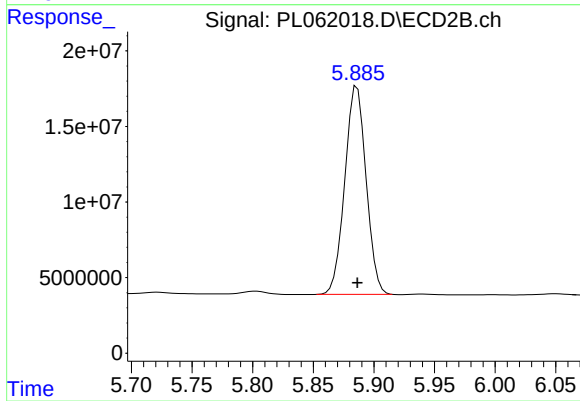
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 180846355  
Conc: 70.97 ng/ml



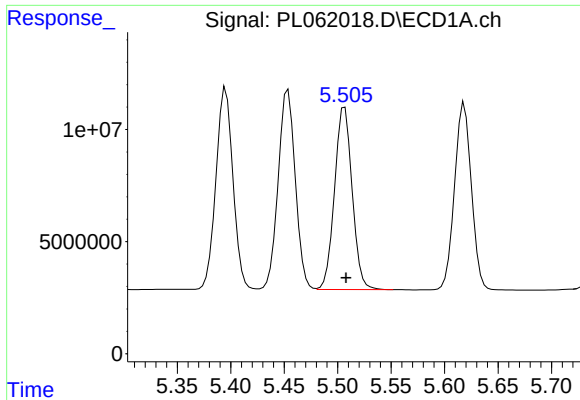
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.001 min  
Response: 100091407  
Conc: 57.33 ng/ml



#8 Heptachlor epoxide

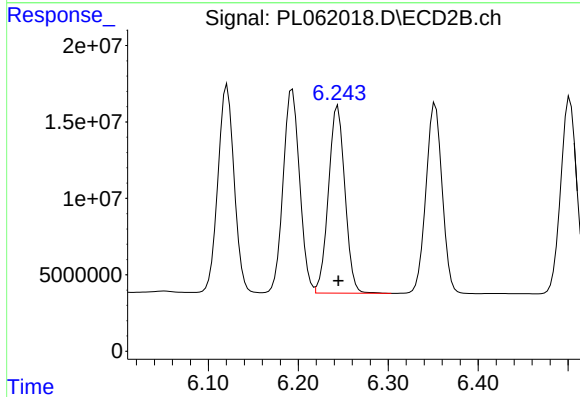
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 168431716  
Conc: 67.96 ng/ml



#9 Endosulfan I

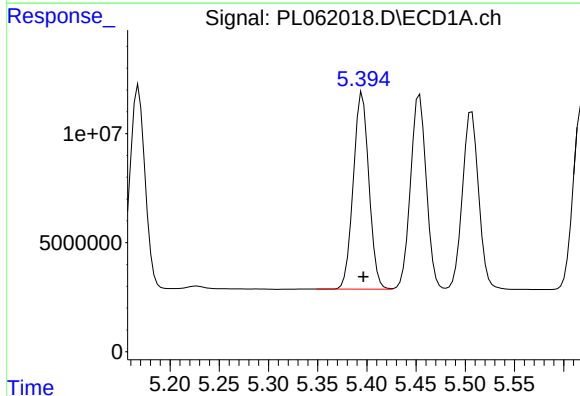
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 93395341  
Conc: 57.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



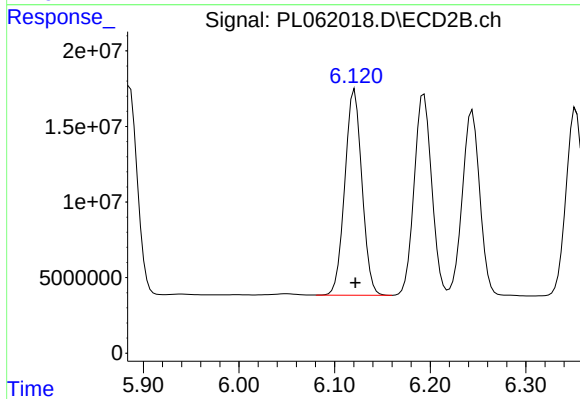
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 156109898  
Conc: 56.51 ng/ml



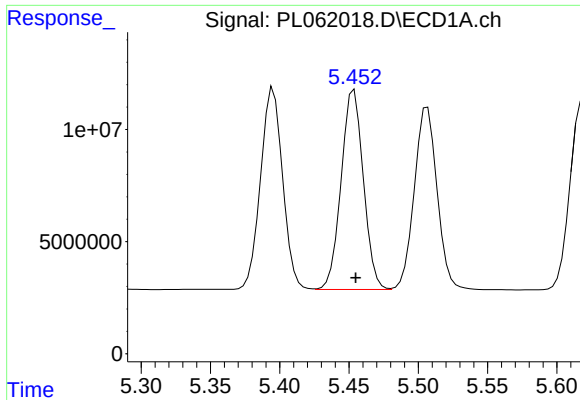
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 99572297  
Conc: 57.34 ng/ml



#10 gamma-Chlordane

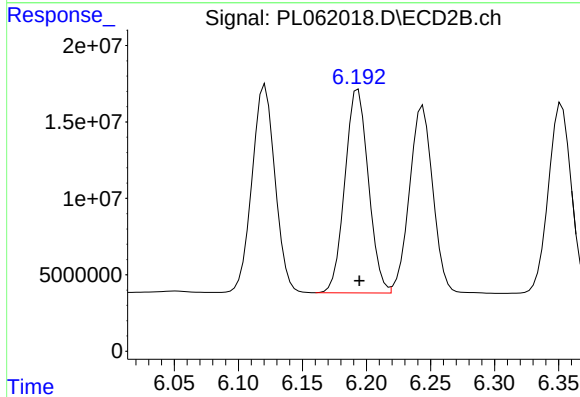
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 170164498  
Conc: 57.95 ng/ml



#11 alpha-Chlordane

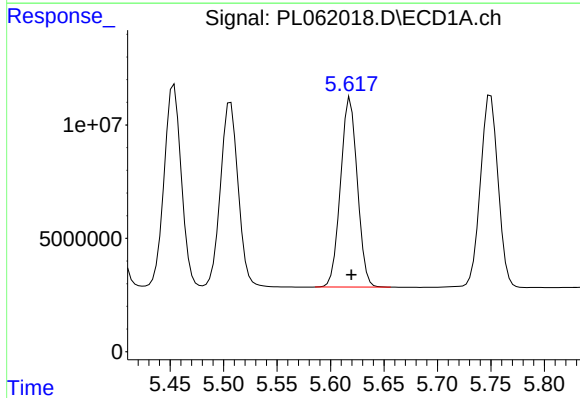
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 99549668  
Conc: 57.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



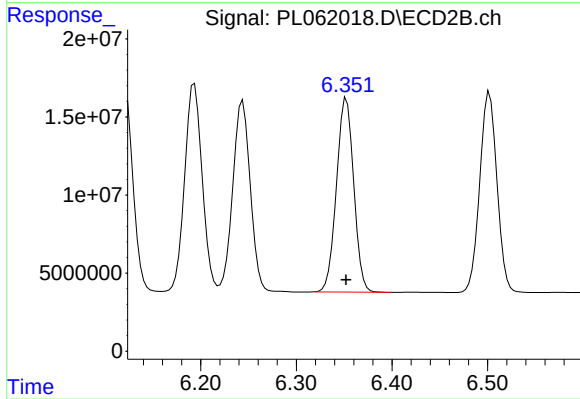
#11 alpha-Chlordane

R.T.: 6.193 min  
Delta R.T.: -0.001 min  
Response: 169943698  
Conc: 56.58 ng/ml



#12 4,4'-DDE

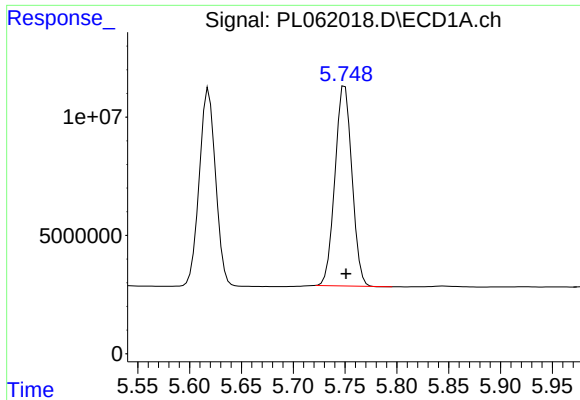
R.T.: 5.619 min  
Delta R.T.: -0.001 min  
Response: 91410813  
Conc: 58.16 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 155677574  
Conc: 57.03 ng/ml

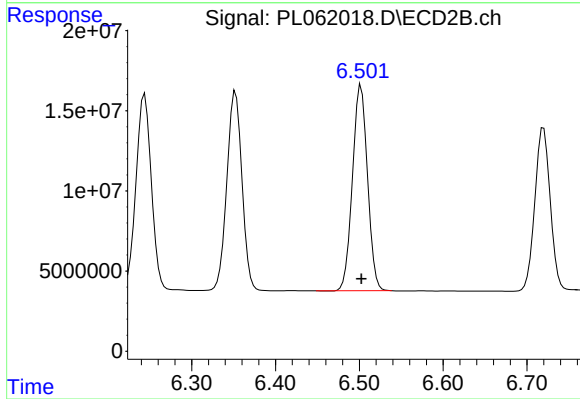




#13 Dieldrin

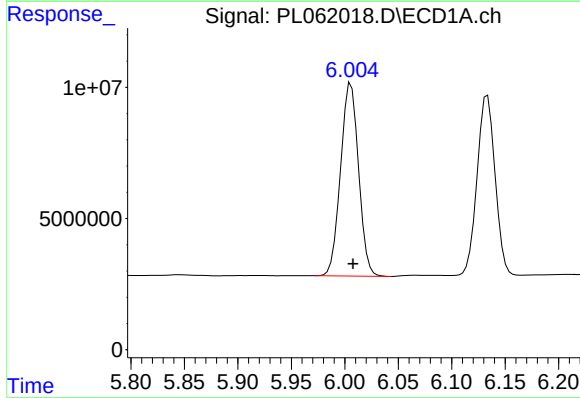
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 96245701  
Conc: 57.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



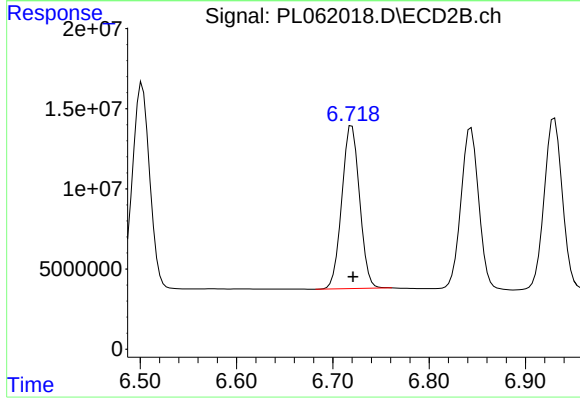
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 160469773  
Conc: 56.56 ng/ml



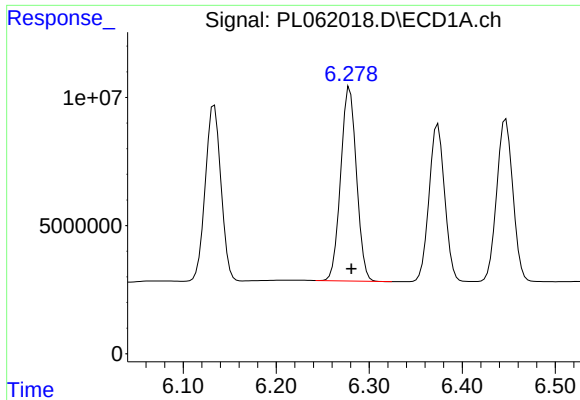
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.002 min  
Response: 86342736  
Conc: 54.26 ng/ml



#14 Endrin

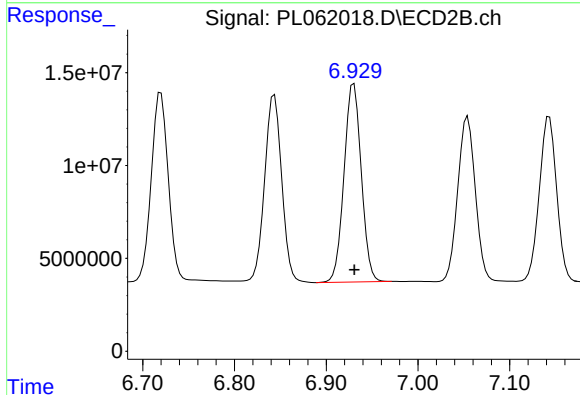
R.T.: 6.720 min  
Delta R.T.: -0.001 min  
Response: 129877771  
Conc: 53.24 ng/ml



#15 Endosulfan II

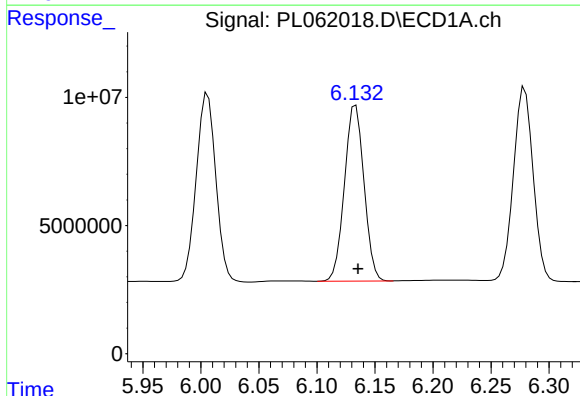
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 89017256  
Conc: 55.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



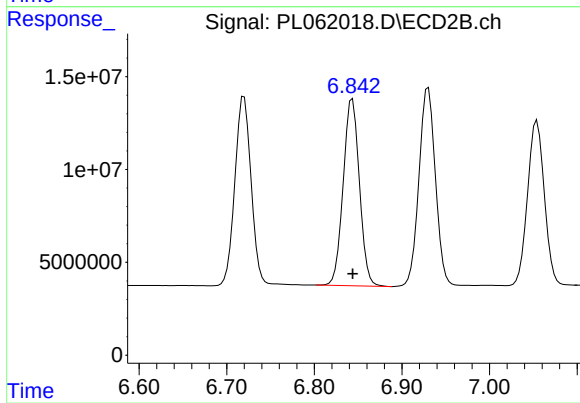
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 139210692  
Conc: 53.86 ng/ml



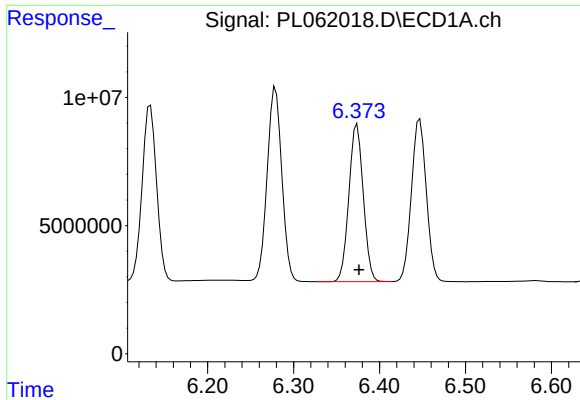
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 80291534  
Conc: 60.64 ng/ml



#16 4,4'-DDD

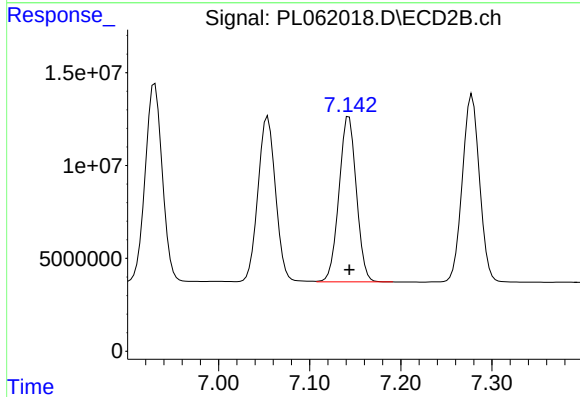
R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 129730870  
Conc: 58.36 ng/ml



#17 4,4'-DDT

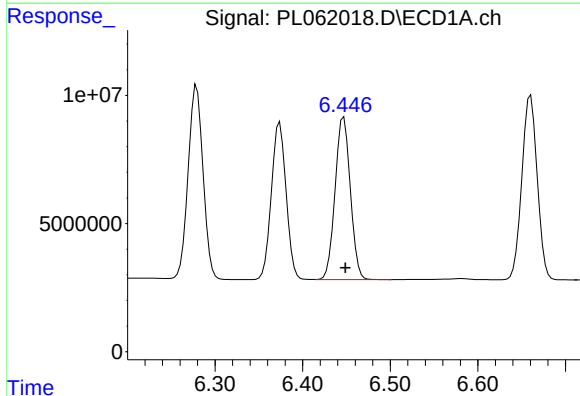
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 71747348  
Conc: 56.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



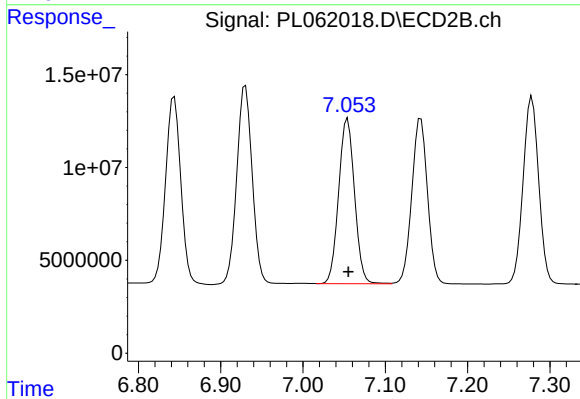
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 117817554  
Conc: 53.80 ng/ml



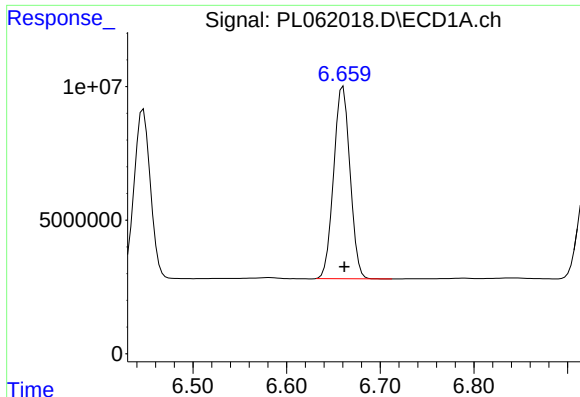
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 76839652  
Conc: 54.64 ng/ml



#18 Endrin aldehyde

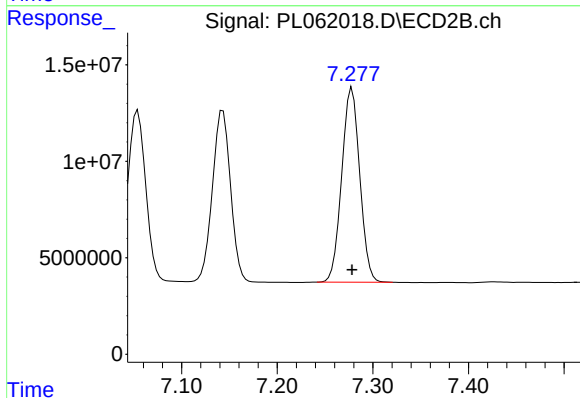
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 119085535  
Conc: 55.64 ng/ml



#19 Endosulfan Sulfate

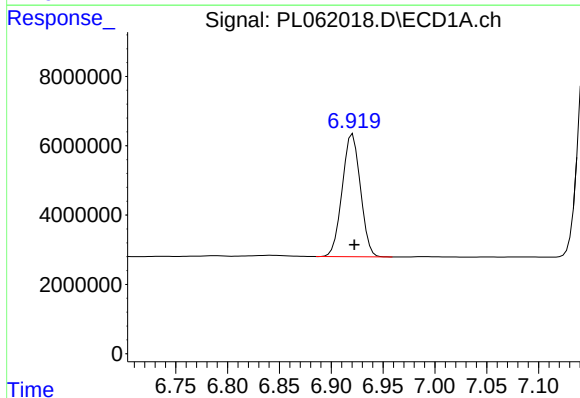
R.T.: 6.660 min  
Delta R.T.: -0.001 min  
Response: 87495281  
Conc: 56.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



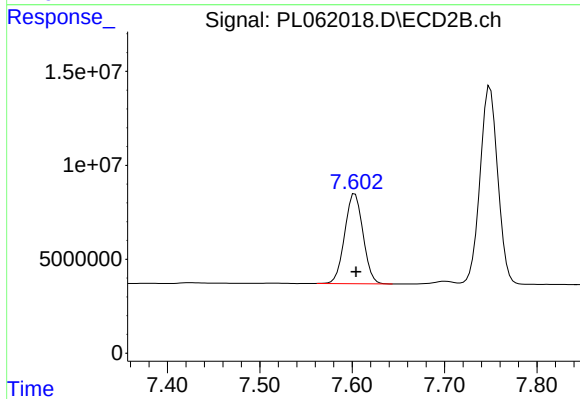
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 132463880  
Conc: 56.57 ng/ml



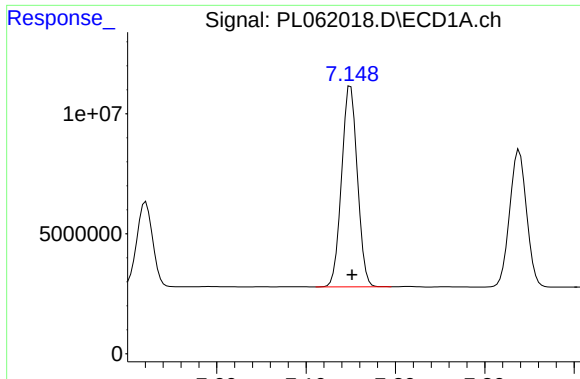
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 43260759  
Conc: 53.51 ng/ml



#20 Methoxychlor

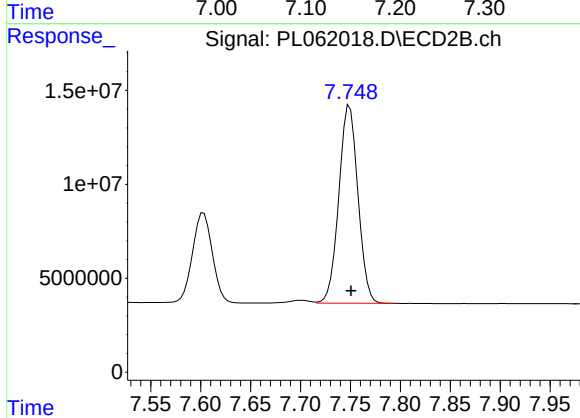
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 66028608  
Conc: 52.40 ng/ml



#21 Endrin ketone

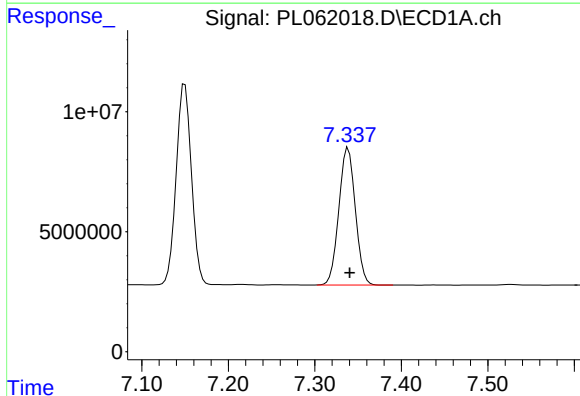
R.T.: 7.150 min  
Delta R.T.: -0.002 min  
Response: 102596077  
Conc: 60.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



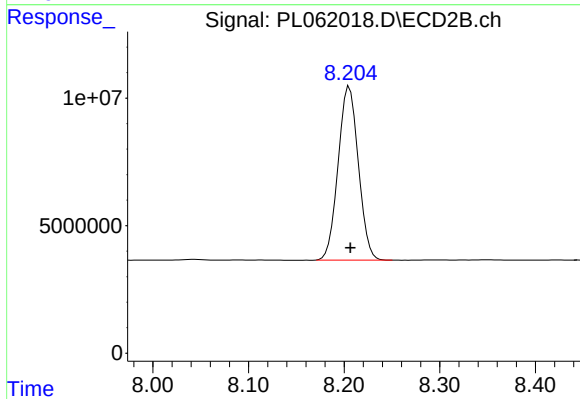
#21 Endrin ketone

R.T.: 7.749 min  
Delta R.T.: -0.002 min  
Response: 140430887  
Conc: 59.83 ng/ml



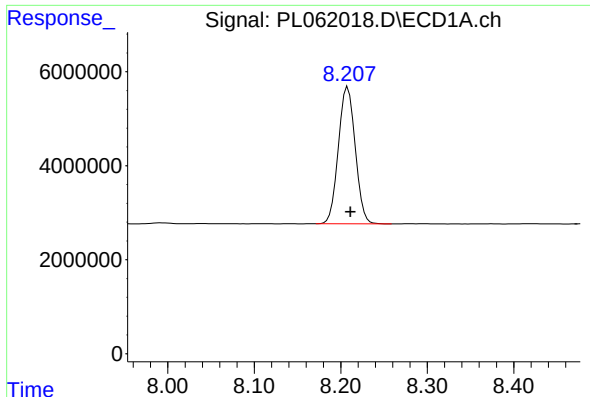
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.002 min  
Response: 75131360  
Conc: 53.59 ng/ml



#22 Mirex

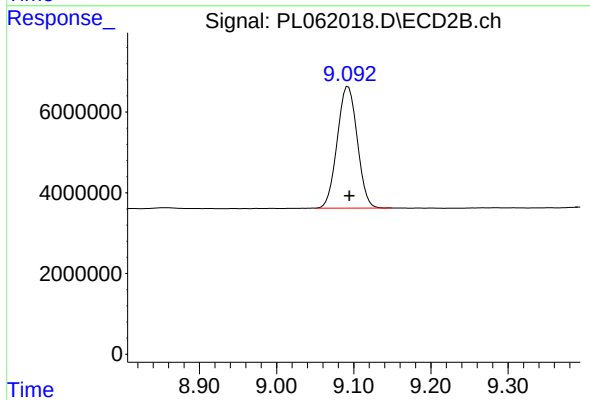
R.T.: 8.205 min  
Delta R.T.: -0.001 min  
Response: 100310599  
Conc: 56.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: -0.003 min  
Response: 39284659  
Conc: 24.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MS



#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.002 min  
Response: 54273816  
Conc: 24.65 ng/ml