

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010920\  
 Data File : PL055617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2020 08:59  
 Operator : AJ\MA  
 Sample : L1049-01MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 09:29:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 08 12:19:19 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... | 3.499 | 4.012 | 184.8E6 | 50613973 | 16.567 | 16.463 |
| 28)                         | SA Decachlor... | 8.256 | 9.081 | 145.9E6 | 31658704 | 15.043 | 13.685 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.939 | 4.401 | 715.9E6 | 201.1E6  | 37.827 | 43.407 |
| 3)                          | MA gamma-BHC... | 4.223 | 4.685 | 679.1E6 | 195.0E6  | 38.706 | 45.361 |
| 4)                          | MA Heptachlor   | 4.526 | 5.191 | 632.6E6 | 151.1E6  | 35.084 | 38.787 |
| 5)                          | MB Aldrin       | 4.775 | 5.495 | 624.7E6 | 154.1E6  | 36.444 | 42.348 |
| 6)                          | B beta-BHC      | 4.473 | 4.856 | 267.1E6 | 68802101 | 37.766 | 38.911 |
| 7)                          | B delta-BHC     | 4.678 | 5.071 | 578.5E6 | 127.4E6  | 33.887 | 37.303 |
| 8)                          | B Heptachlo...  | 5.218 | 5.881 | 571.9E6 | 128.4E6  | 35.738 | 41.380 |
| 9)                          | A Endosulfan I  | 5.558 | 6.238 | 564.0E6 | 127.3E6  | 37.185 | 41.254 |
| 10)                         | B gamma-Chl...  | 5.445 | 6.115 | 589.0E6 | 138.0E6  | 35.839 | 42.051 |
| 11)                         | B alpha-Chl...  | 5.503 | 6.187 | 550.0E6 | 134.6E6  | 34.006 | 41.127 |
| 12)                         | B 4,4'-DDE      | 5.666 | 6.345 | 566.0E6 | 124.3E6  | 37.557 | 40.290 |
| 13)                         | MA Dieldrin     | 5.800 | 6.495 | 610.2E6 | 128.3E6  | 38.066 | 40.501 |
| 14)                         | MA Endrin       | 6.058 | 6.713 | 511.8E6 | 108.3E6  | 35.083 | 40.611 |
| 15)                         | B Endosulfa...  | 6.331 | 6.923 | 482.7E6 | 110.9E6  | 39.251 | 41.543 |
| 16)                         | A 4,4'-DDD      | 6.181 | 6.836 | 446.4E6 | 113.2E6  | 40.310 | 48.315 |
| 17)                         | MA 4,4'-DDT     | 6.423 | 7.135 | 393.9E6 | 97201455 | 34.198 | 40.857 |
| 18)                         | B Endrin al...  | 6.498 | 7.047 | 371.6E6 | 90002008 | 34.122 | 39.485 |
| 19)                         | B Endosulfa...  | 6.711 | 7.271 | 465.2E6 | 102.7E6  | 41.520 | 40.740 |
| 20)                         | A Methoxychlor  | 6.967 | 7.595 | 204.6E6 | 52794773 | 37.223 | 41.065 |
| 21)                         | B Endrin ke...  | 7.202 | 7.743 | 489.7E6 | 111.0E6  | 40.026 | 42.193 |
| 22)                         | Mirex           | 7.392 | 8.198 | 310.5E6 | 73080900 | 38.764 | 38.955 |
| -----                       |                 |       |       |         |          |        |        |

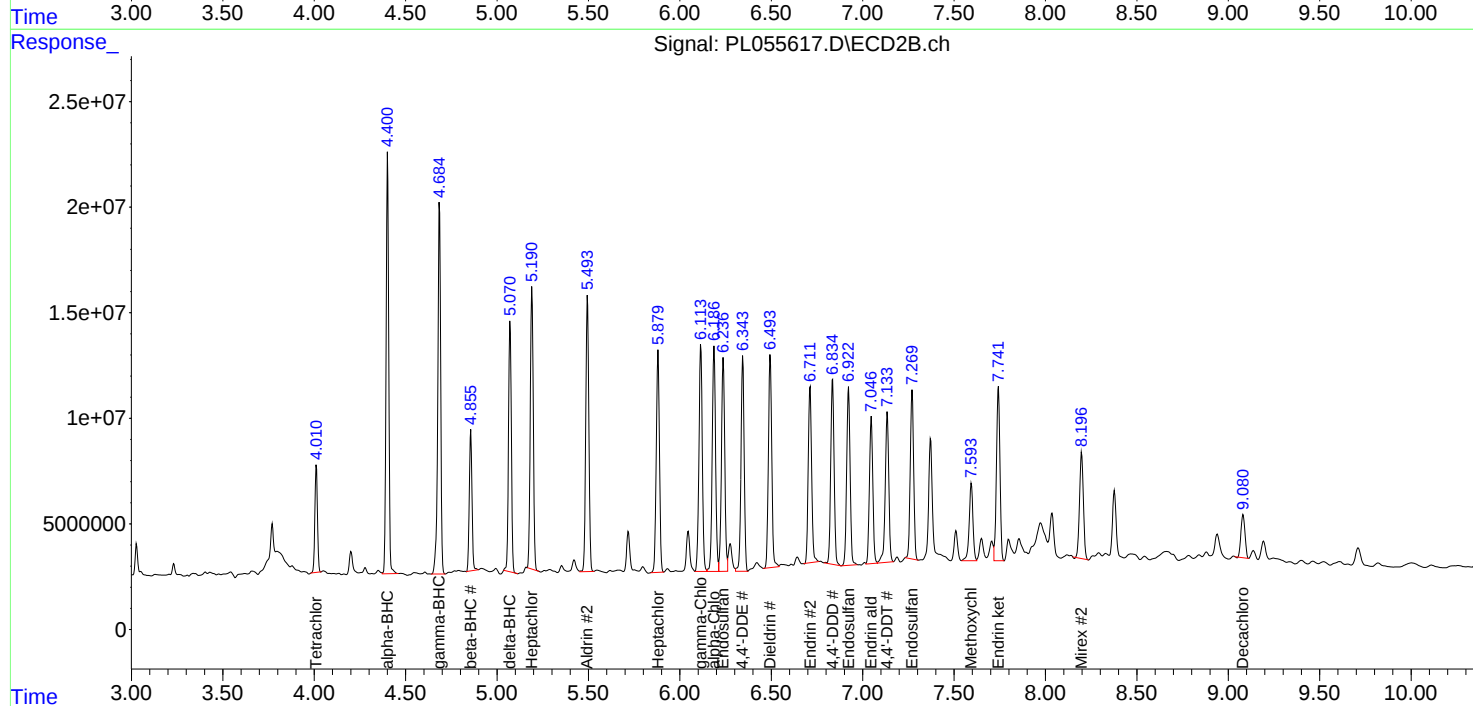
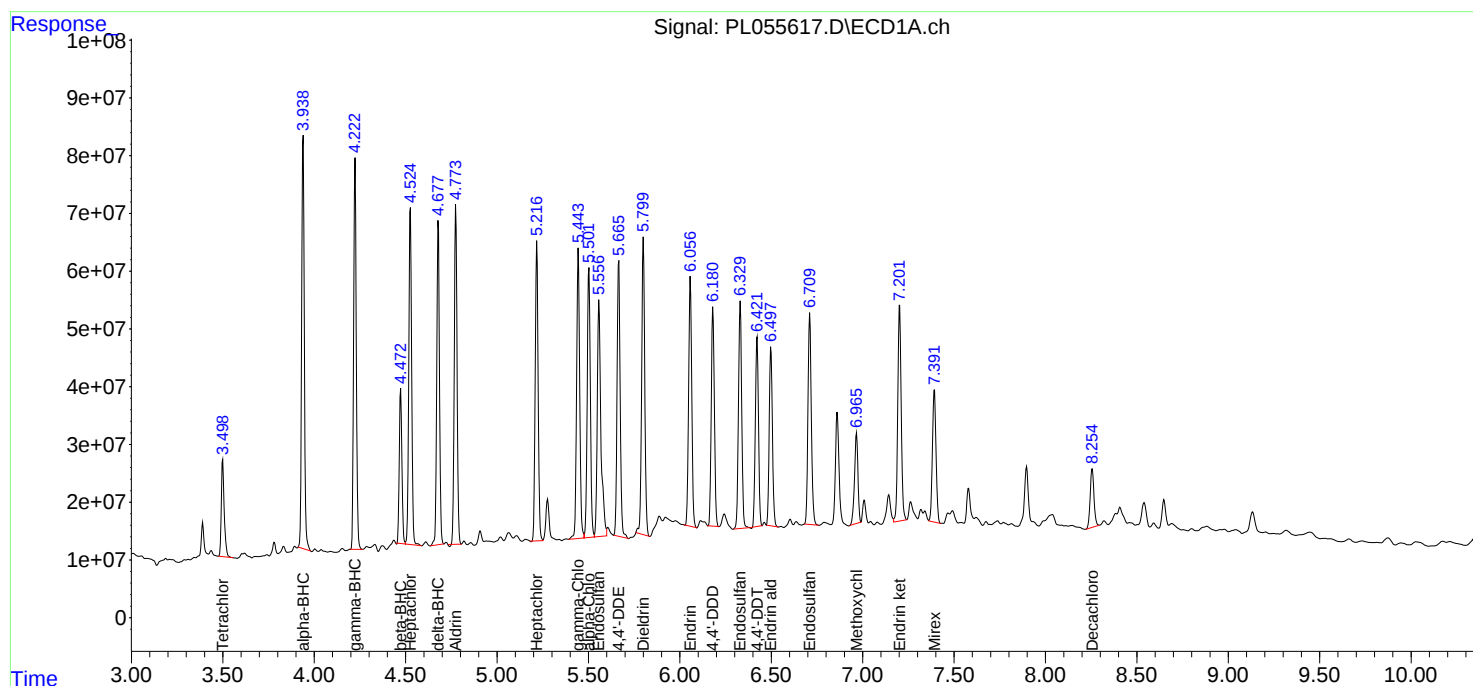
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

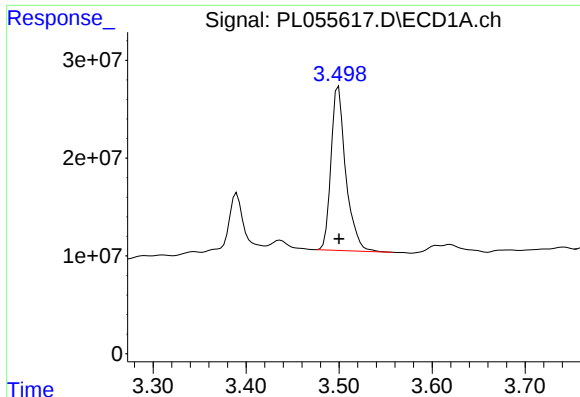
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010920\  
Data File : PL055617.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2020 08:59  
Operator : AJ\MA  
Sample : L1049-01MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 09:29:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010820.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 08 12:19:19 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

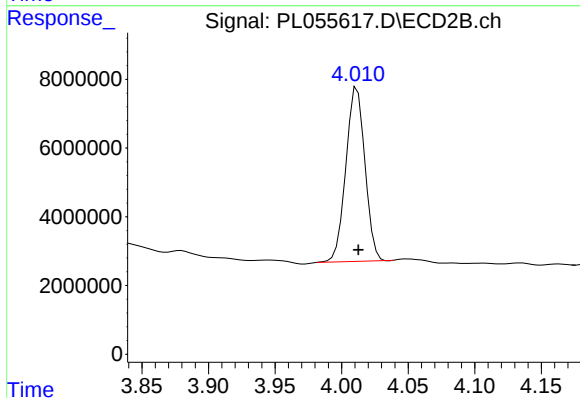




#1 Tetrachloro-m-xylene

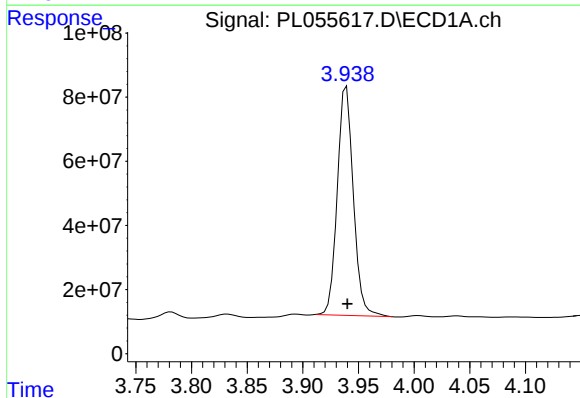
R.T.: 3.499 min  
Delta R.T.: 0.000 min  
Response: 184769594  
Conc: 16.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



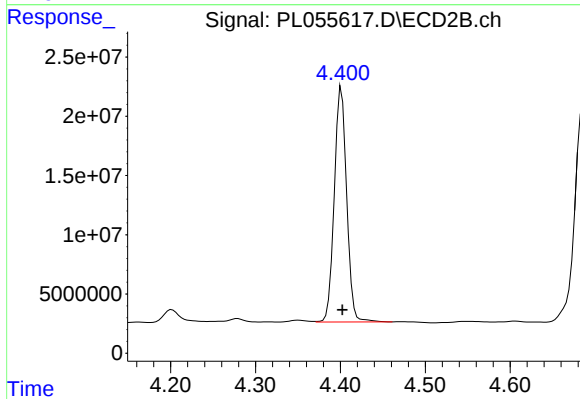
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 50613973  
Conc: 16.46 ng/ml



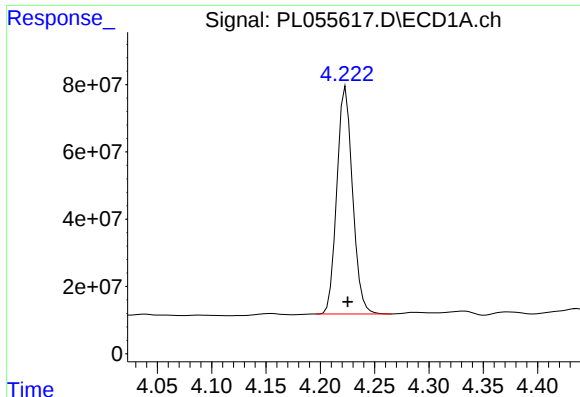
#2 alpha-BHC

R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 715891219  
Conc: 37.83 ng/ml



#2 alpha-BHC

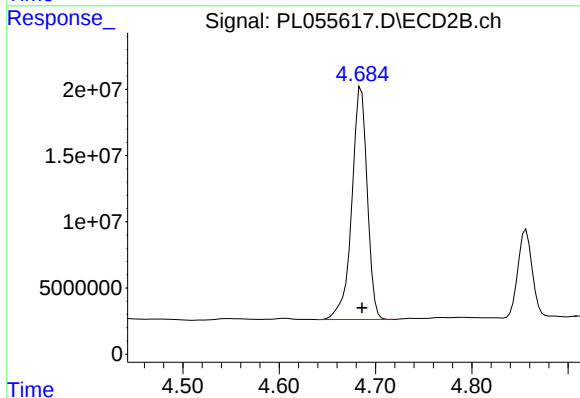
R.T.: 4.401 min  
Delta R.T.: -0.001 min  
Response: 201120932  
Conc: 43.41 ng/ml



#3 gamma-BHC (Lindane)

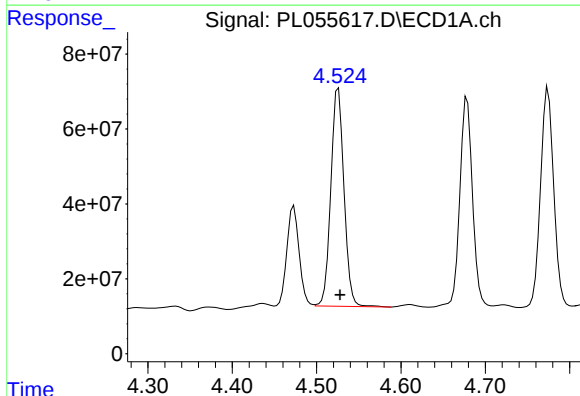
R.T.: 4.223 min  
Delta R.T.: -0.002 min  
Response: 679117456  
Conc: 38.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



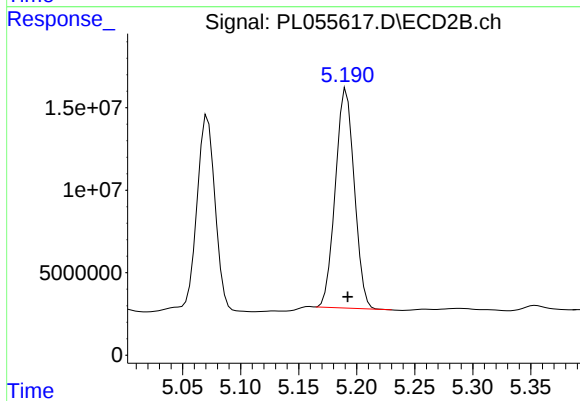
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 194964539  
Conc: 45.36 ng/ml



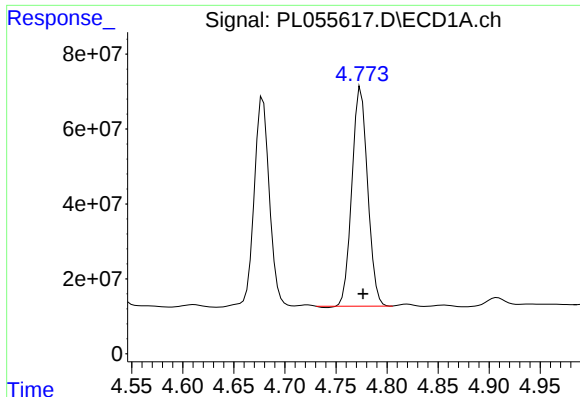
#4 Heptachlor

R.T.: 4.526 min  
Delta R.T.: -0.002 min  
Response: 632619044  
Conc: 35.08 ng/ml



#4 Heptachlor

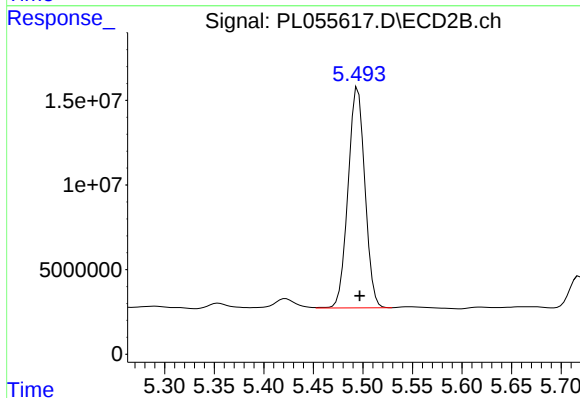
R.T.: 5.191 min  
Delta R.T.: -0.001 min  
Response: 151074806  
Conc: 38.79 ng/ml



#5 Aldrin

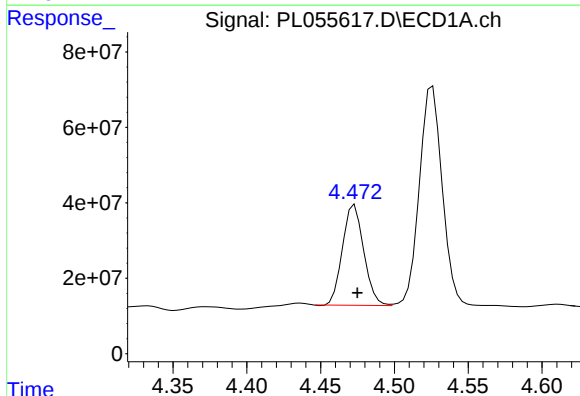
R.T.: 4.775 min  
Delta R.T.: -0.002 min  
Response: 624728280  
Conc: 36.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



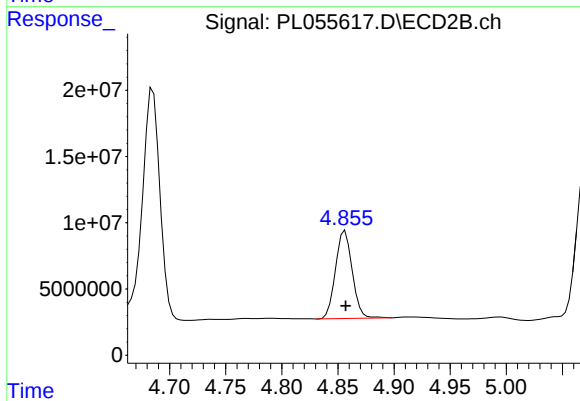
#5 Aldrin

R.T.: 5.495 min  
Delta R.T.: -0.002 min  
Response: 154135262  
Conc: 42.35 ng/ml



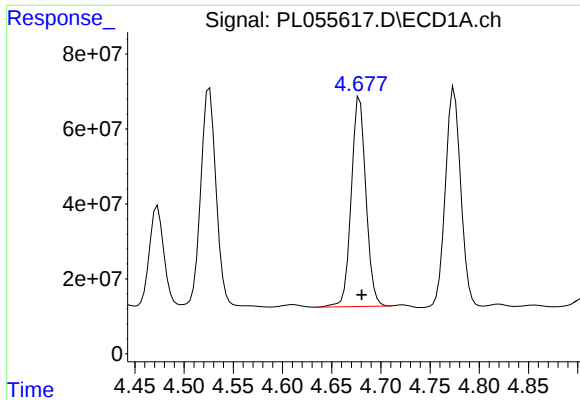
#6 beta-BHC

R.T.: 4.473 min  
Delta R.T.: -0.002 min  
Response: 267100950  
Conc: 37.77 ng/ml



#6 beta-BHC

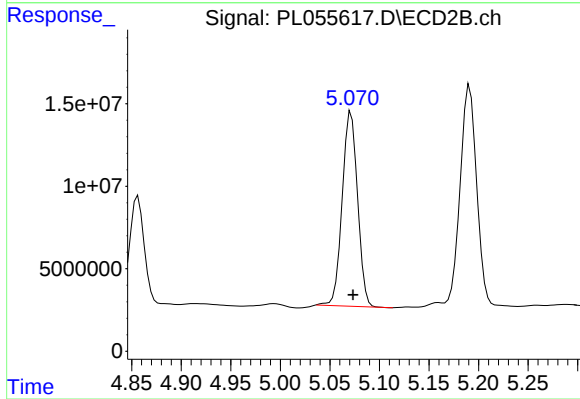
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 68802101  
Conc: 38.91 ng/ml



#7 delta-BHC

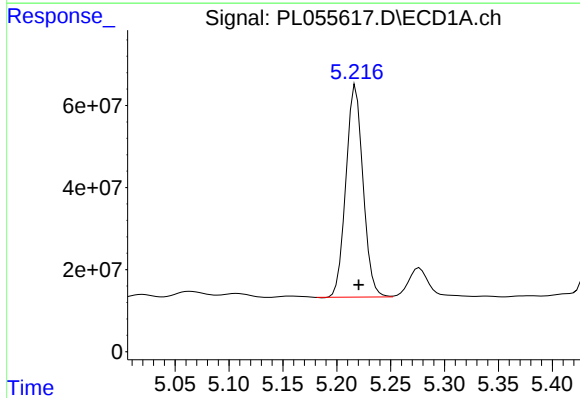
R.T.: 4.678 min  
Delta R.T.: -0.002 min  
Response: 578547063  
Conc: 33.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



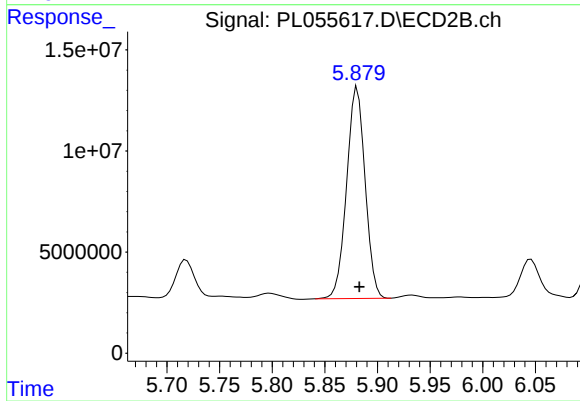
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 127420241  
Conc: 37.30 ng/ml



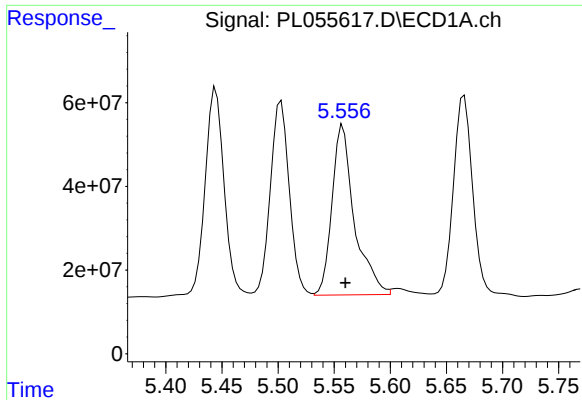
#8 Heptachlor epoxide

R.T.: 5.218 min  
Delta R.T.: -0.003 min  
Response: 571912564  
Conc: 35.74 ng/ml



#8 Heptachlor epoxide

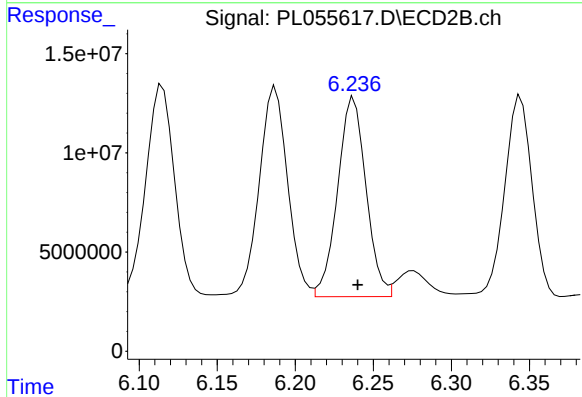
R.T.: 5.881 min  
Delta R.T.: -0.002 min  
Response: 128425746  
Conc: 41.38 ng/ml



#9 Endosulfan I

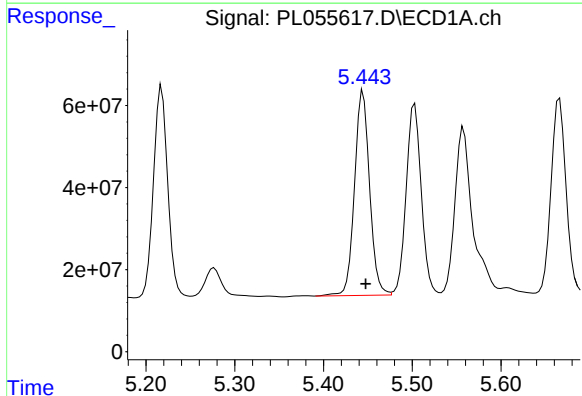
R.T.: 5.558 min  
Delta R.T.: -0.002 min  
Response: 563998304  
Conc: 37.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



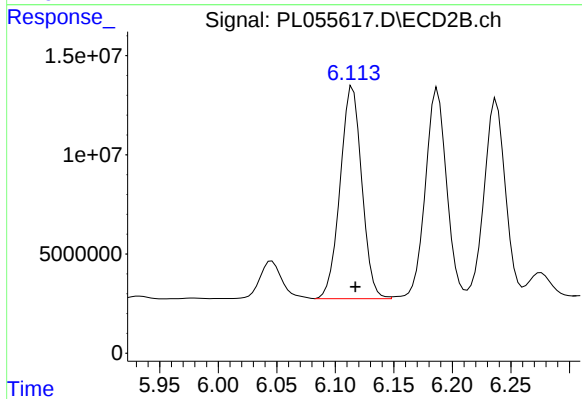
#9 Endosulfan I

R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 127345233  
Conc: 41.25 ng/ml



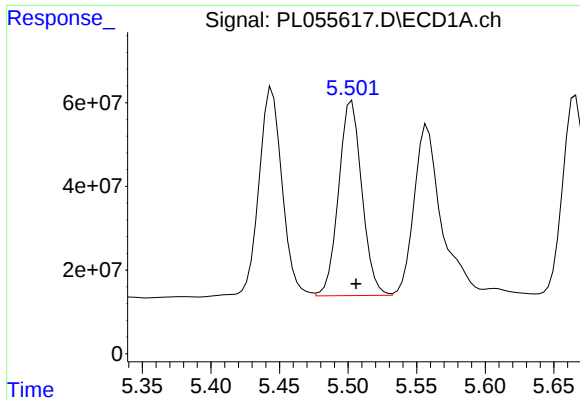
#10 gamma-Chlordane

R.T.: 5.445 min  
Delta R.T.: -0.003 min  
Response: 589009289  
Conc: 35.84 ng/ml



#10 gamma-Chlordane

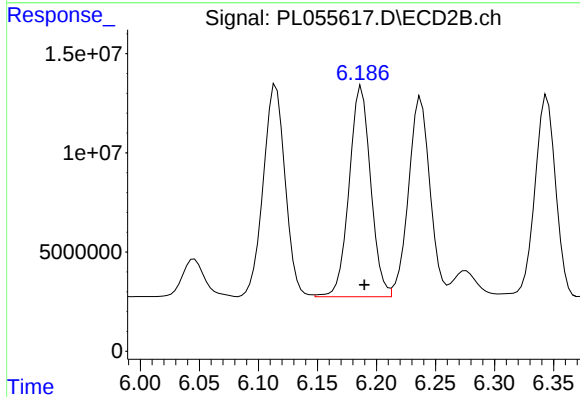
R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 137966623  
Conc: 42.05 ng/ml



#11 alpha-Chlordane

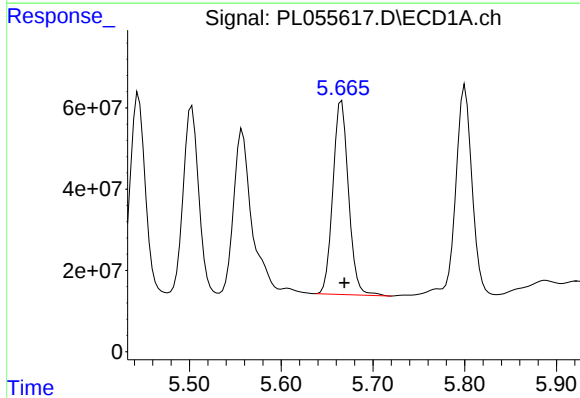
R.T.: 5.503 min  
Delta R.T.: -0.003 min  
Response: 549960731  
Conc: 34.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



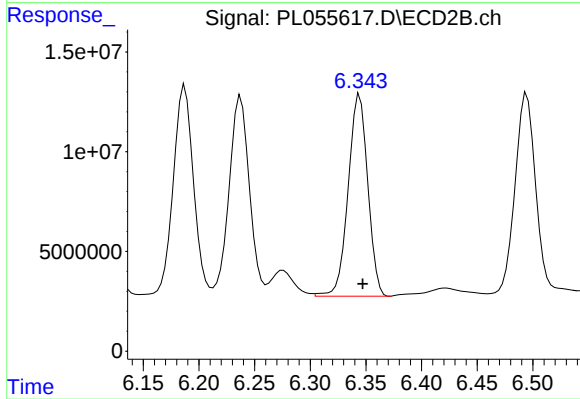
#11 alpha-Chlordane

R.T.: 6.187 min  
Delta R.T.: -0.003 min  
Response: 134636768  
Conc: 41.13 ng/ml



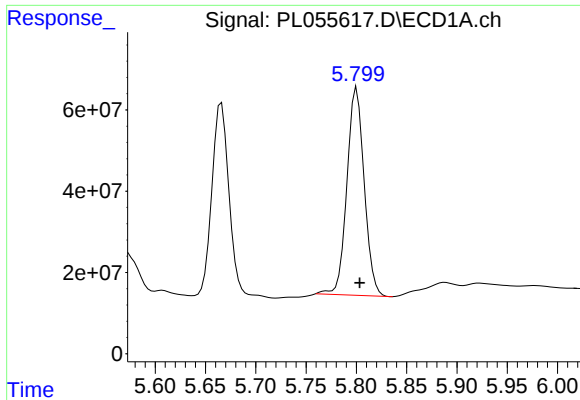
#12 4,4'-DDE

R.T.: 5.666 min  
Delta R.T.: -0.003 min  
Response: 565981336  
Conc: 37.56 ng/ml



#12 4,4'-DDE

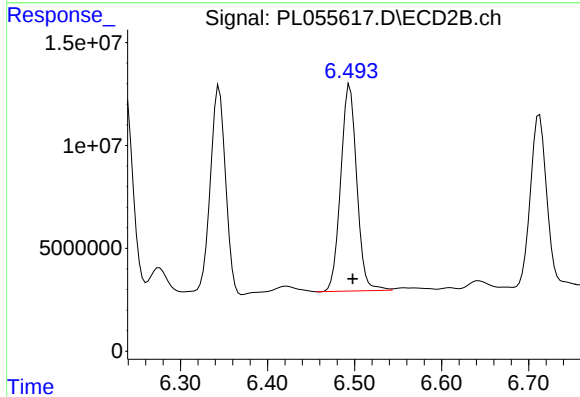
R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 124335834  
Conc: 40.29 ng/ml



#13 Dieldrin

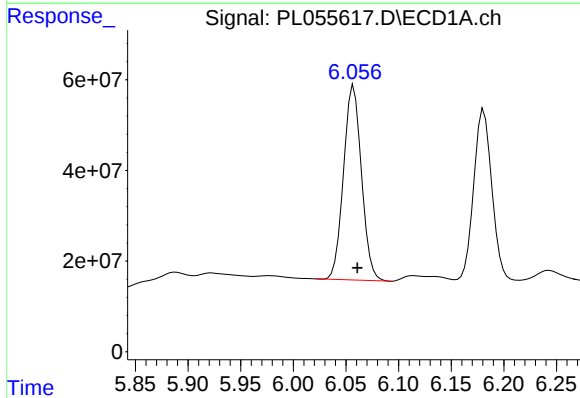
R.T.: 5.800 min  
Delta R.T.: -0.003 min  
Response: 610161006  
Conc: 38.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



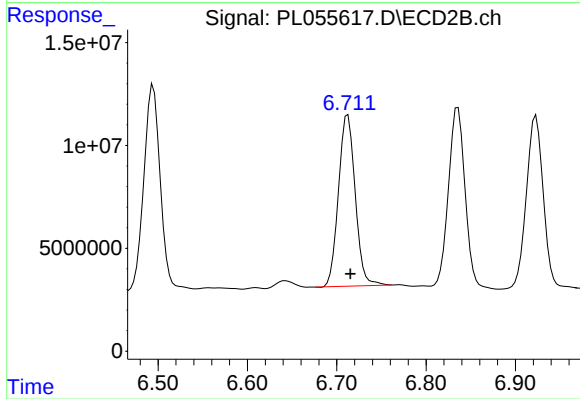
#13 Dieldrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 128331764  
Conc: 40.50 ng/ml



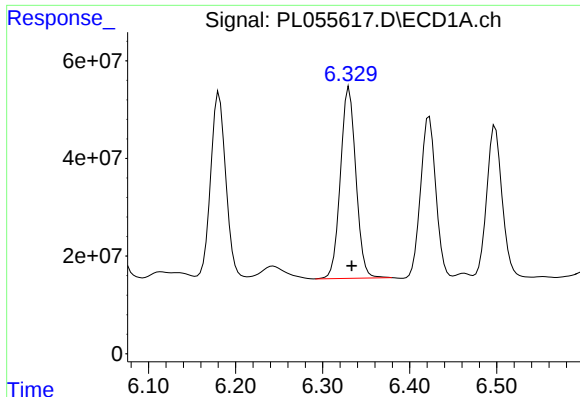
#14 Endrin

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 511841104  
Conc: 35.08 ng/ml



#14 Endrin

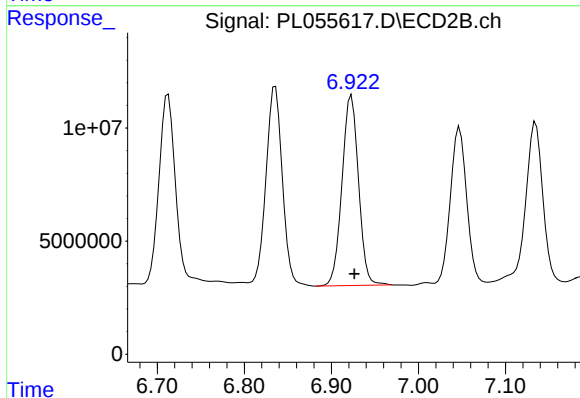
R.T.: 6.713 min  
Delta R.T.: -0.003 min  
Response: 108329259  
Conc: 40.61 ng/ml



#15 Endosulfan II

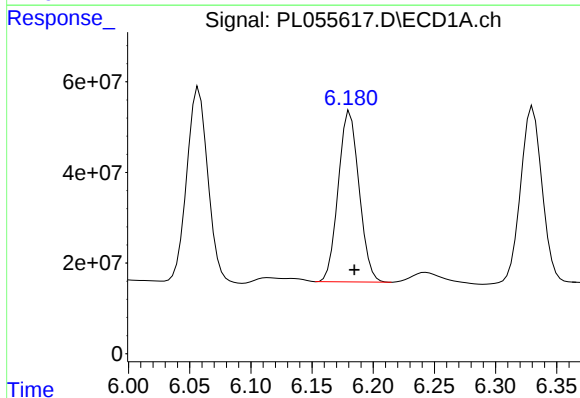
R.T.: 6.331 min  
Delta R.T.: -0.003 min  
Response: 482701473  
Conc: 39.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



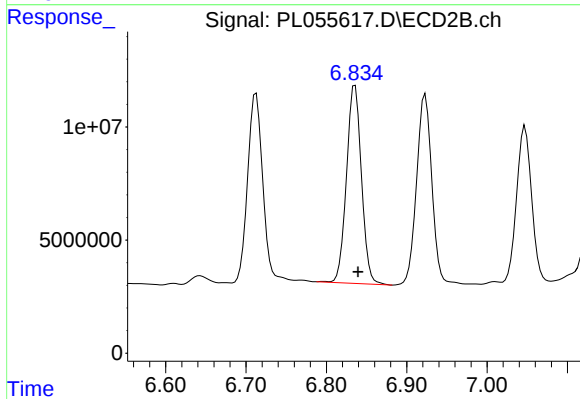
#15 Endosulfan II

R.T.: 6.923 min  
Delta R.T.: -0.003 min  
Response: 110861272  
Conc: 41.54 ng/ml



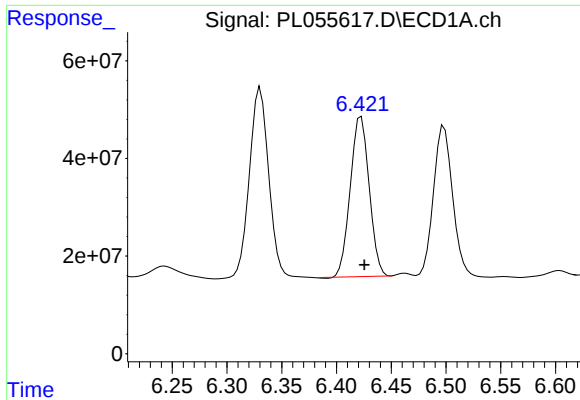
#16 4,4'-DDD

R.T.: 6.181 min  
Delta R.T.: -0.004 min  
Response: 446397355  
Conc: 40.31 ng/ml



#16 4,4'-DDD

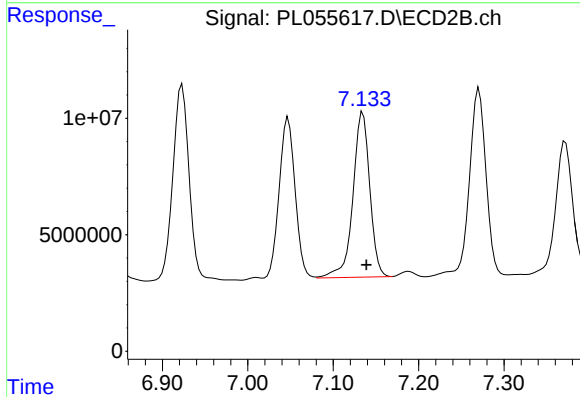
R.T.: 6.836 min  
Delta R.T.: -0.004 min  
Response: 113224427  
Conc: 48.32 ng/ml



#17 4,4'-DDT

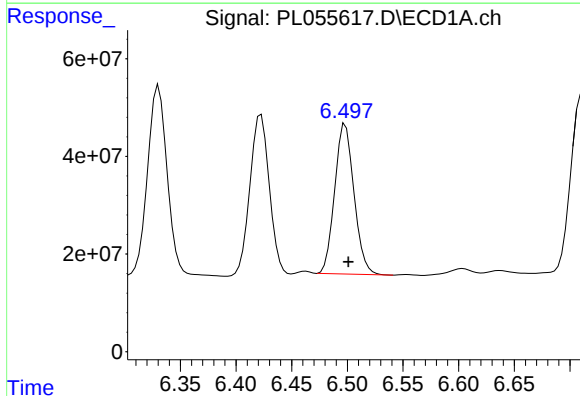
R.T.: 6.423 min  
Delta R.T.: -0.003 min  
Response: 393901936  
Conc: 34.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



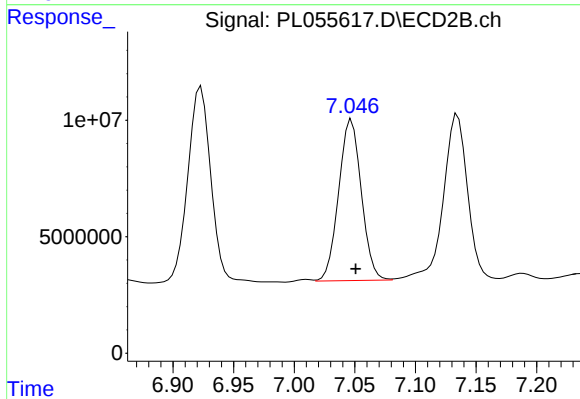
#17 4,4'-DDT

R.T.: 7.135 min  
Delta R.T.: -0.004 min  
Response: 97201455  
Conc: 40.86 ng/ml



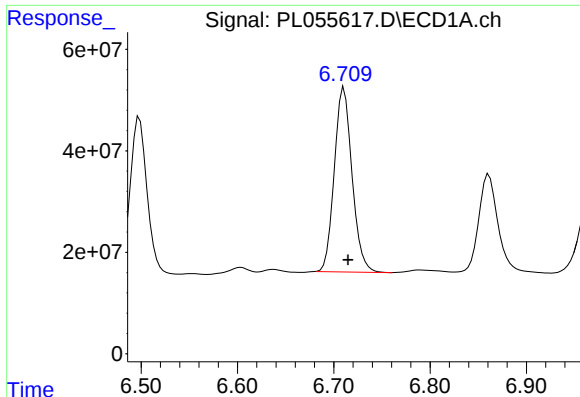
#18 Endrin aldehyde

R.T.: 6.498 min  
Delta R.T.: -0.003 min  
Response: 371622224  
Conc: 34.12 ng/ml



#18 Endrin aldehyde

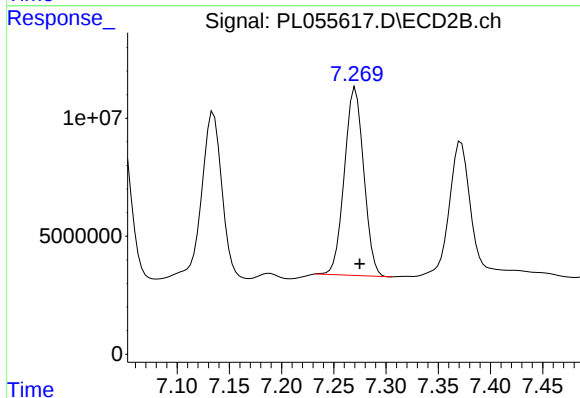
R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 90002008  
Conc: 39.48 ng/ml



#19 Endosulfan Sulfate

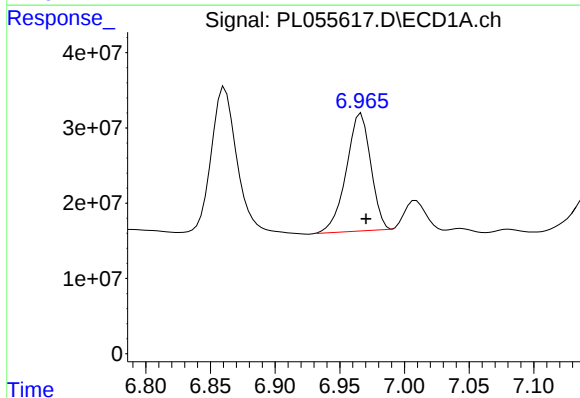
R.T.: 6.711 min  
Delta R.T.: -0.004 min  
Response: 465188029  
Conc: 41.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



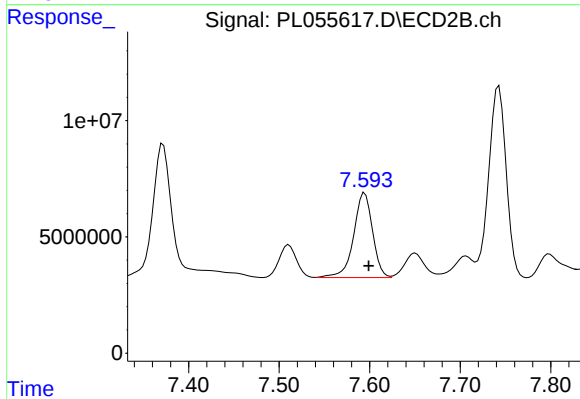
#19 Endosulfan Sulfate

R.T.: 7.271 min  
Delta R.T.: -0.004 min  
Response: 102709310  
Conc: 40.74 ng/ml



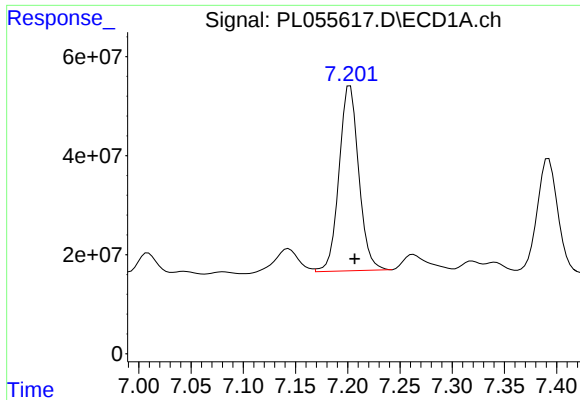
#20 Methoxychlor

R.T.: 6.967 min  
Delta R.T.: -0.004 min  
Response: 204577335  
Conc: 37.22 ng/ml



#20 Methoxychlor

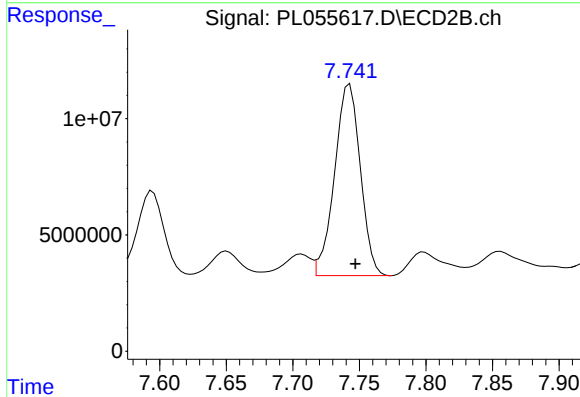
R.T.: 7.595 min  
Delta R.T.: -0.004 min  
Response: 52794773  
Conc: 41.06 ng/ml



#21 Endrin ketone

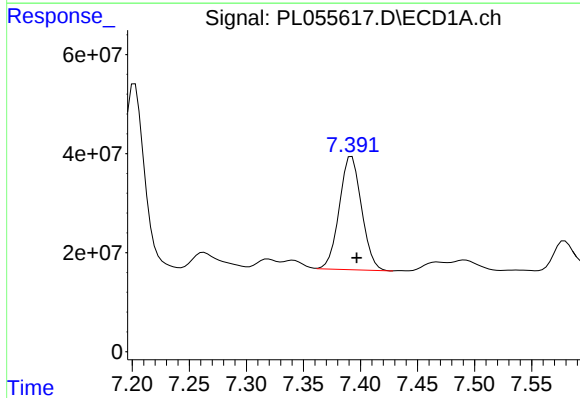
R.T.: 7.202 min  
Delta R.T.: -0.004 min  
Response: 489652866  
Conc: 40.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



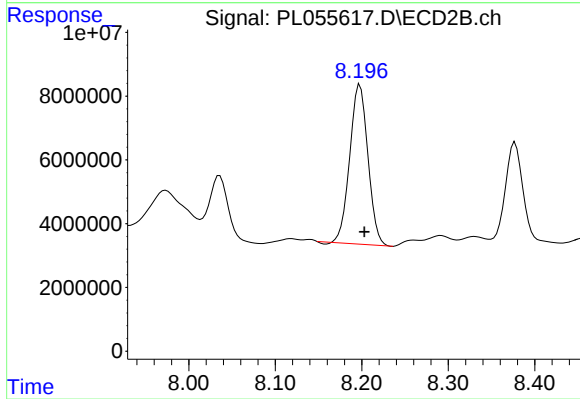
#21 Endrin ketone

R.T.: 7.743 min  
Delta R.T.: -0.004 min  
Response: 111011263  
Conc: 42.19 ng/ml



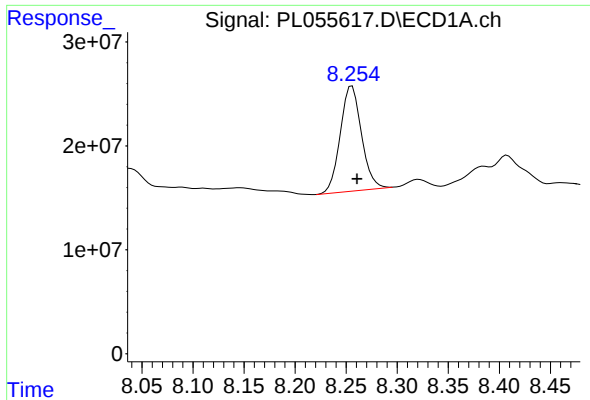
#22 Mirex

R.T.: 7.392 min  
Delta R.T.: -0.004 min  
Response: 310535320  
Conc: 38.76 ng/ml



#22 Mirex

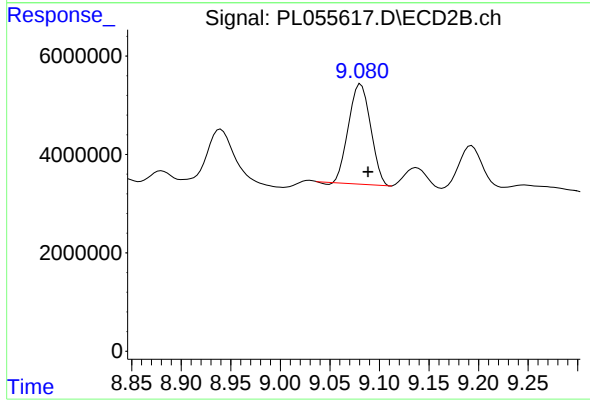
R.T.: 8.198 min  
Delta R.T.: -0.005 min  
Response: 73080900  
Conc: 38.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.256 min  
Delta R.T.: -0.005 min  
Response: 145938888  
Conc: 15.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD



#28 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: -0.007 min  
Response: 31658704  
Conc: 13.68 ng/ml