

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090920\  
 Data File : PL061339.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2020 15:36  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 16:51:49 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... | 3.459 | 4.007  | 80377321 | 146.0E6  | 46.604   | 47.473     |
| 2)                          | SA Decachlor... | 8.210 | 9.092  | 68881094 | 102.9E6  | 41.287   | 43.538     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.396  | 119.9E6  | 222.8E6  | 46.865   | 48.243     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.682  | 107.9E6  | 203.8E6  | 47.266   | 47.490     |
| 4)                          | MA Heptachlor   | 4.480 | 5.192  | 100.6E6  | 183.4E6  | 46.867   | 46.909     |
| 5)                          | MB Aldrin       | 4.727 | 5.498  | 89802354 | 169.2E6  | 46.773   | 44.779     |
| 6)                          | B beta-BHC      | 4.429 | 4.853  | 45506158 | 83536800 | 47.373   | 47.836     |
| 7)                          | B delta-BHC     | 4.633 | 5.070  | 102.7E6  | 174.0E6  | 47.412   | 54.557     |
| 8)                          | B Heptachlo...  | 5.170 | 5.885  | 85790126 | 143.6E6  | 46.043   | 48.081     |
| 9)                          | A Endosulfan I  | 5.508 | 6.244  | 78932265 | 139.6E6  | 45.880   | 43.519     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.120  | 84603443 | 149.6E6  | 45.668   | 43.392     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.194  | 84632438 | 150.2E6  | 45.686   | 43.164     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.352  | 76729054 | 139.3E6  | 45.123   | 43.468     |
| 13)                         | MA Dieldrin     | 5.751 | 6.501  | 81491170 | 142.0E6  | 45.399   | 43.322     |
| 14)                         | MA Endrin       | 6.007 | 6.720  | 72060796 | 114.5E6  | 42.879   | 40.966     |
| 15)                         | B Endosulfa...  | 6.280 | 6.929  | 74668077 | 120.3E6  | 43.644   | 40.730     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.843  | 65106719 | 107.8E6  | 45.051   | 41.972     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.142  | 62266052 | 105.0E6  | 45.348   | 41.946     |
| 18)                         | B Endrin al...  | 6.448 | 7.054  | 64365941 | 103.9E6  | 43.724   | 42.449     |
| 19)                         | B Endosulfa...  | 6.661 | 7.277  | 72575174 | 113.4E6  | 44.097   | 41.469     |
| 20)                         | A Methoxychlor  | 6.921 | 7.603  | 38238511 | 60583313 | 44.668   | 42.117     |
| 21)                         | B Endrin ke...  | 7.151 | 7.749  | 82433387 | 119.7E6  | 45.078   | 44.080     |
| 22)                         | Mirex           | 7.340 | 8.205  | 61135448 | 85137515 | 40.886   | 44.215     |
| 24)                         | Chlordane-2     | 0.000 | 5.498f | 0        | 169.2E6  | N.D.     | 1385.326 # |
| 25)                         | Chlordane-3     | 5.397 | 6.120  | 84603443 | 149.6E6  | 510.130  | 346.291 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.194  | 84632438 | 150.2E6  | 614.856  | 286.952 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 74668077 | 0        | 1328.452 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

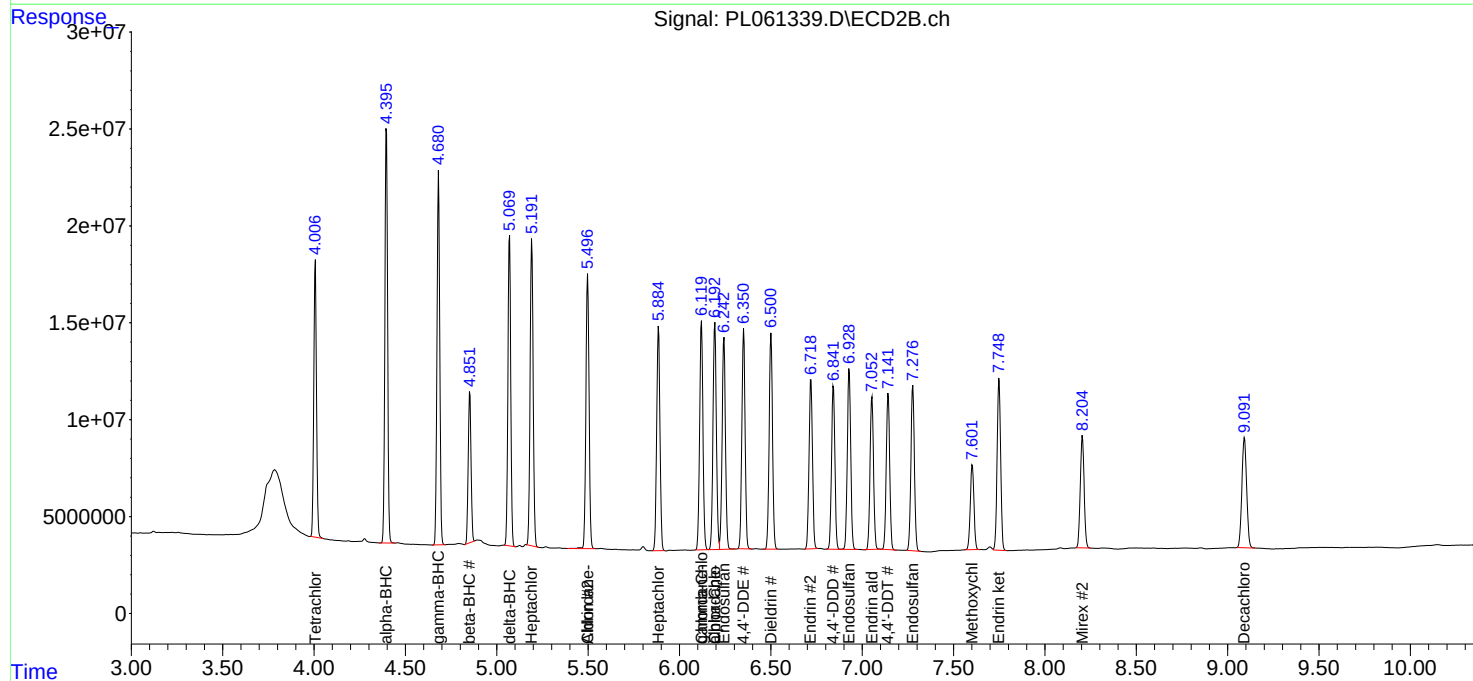
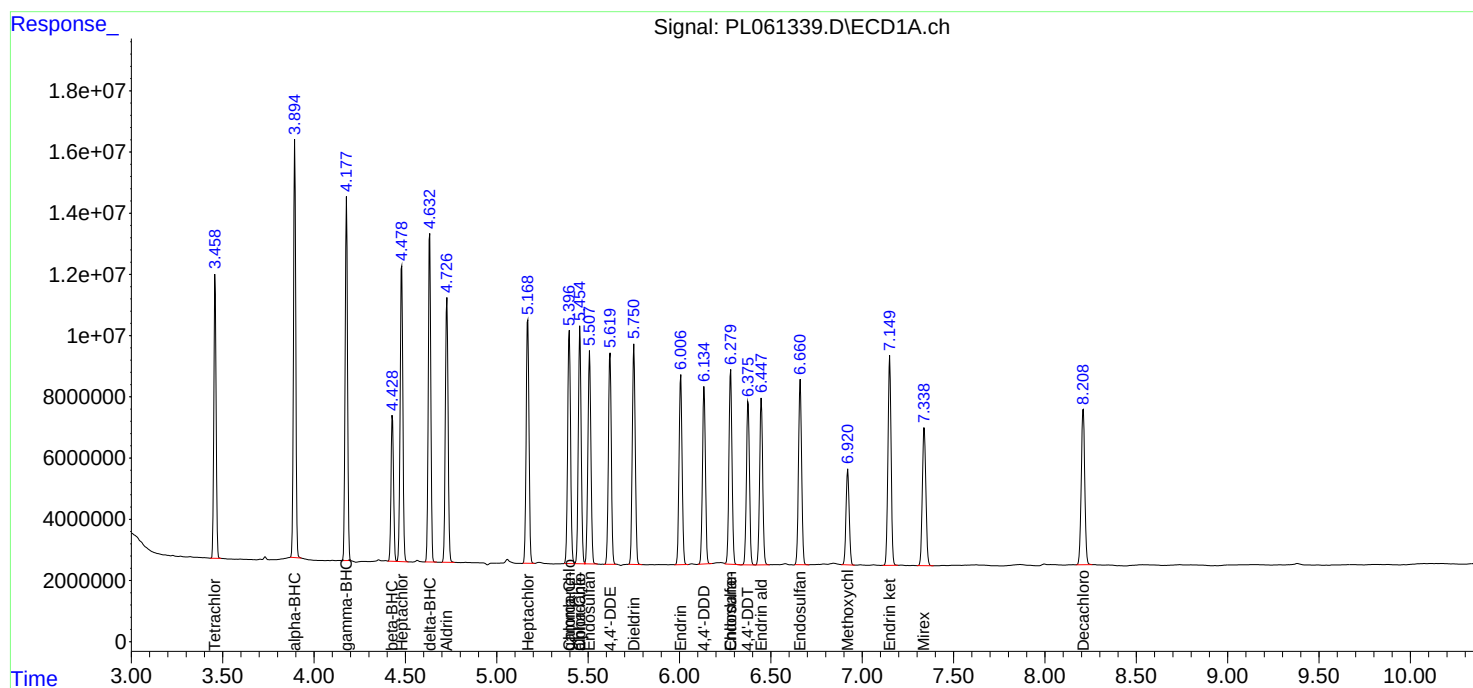
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

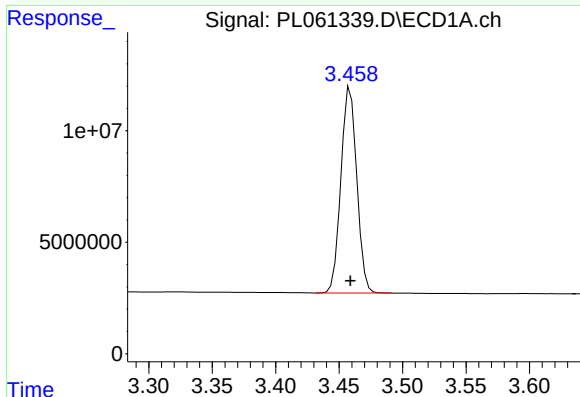
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090920\  
Data File : PL061339.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2020 15:36  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 16:51:49 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

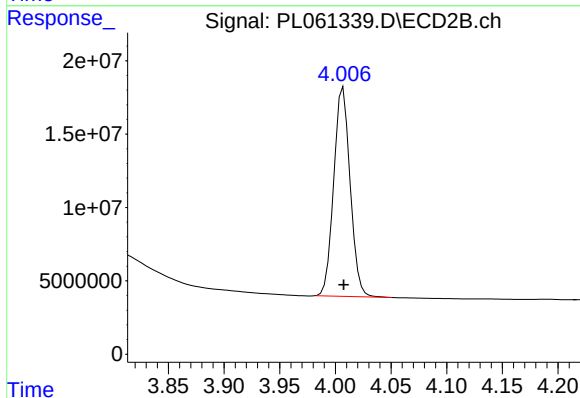




#1 Tetrachloro-m-xylene

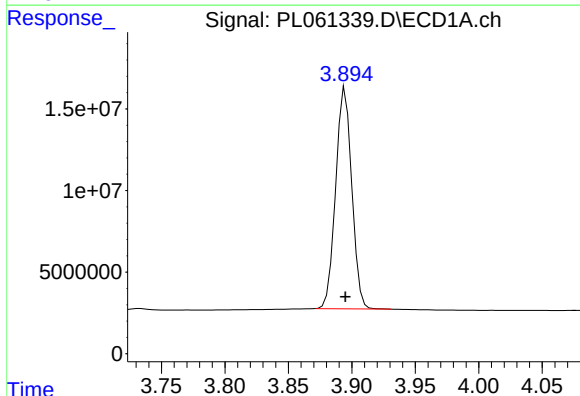
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 80377321  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



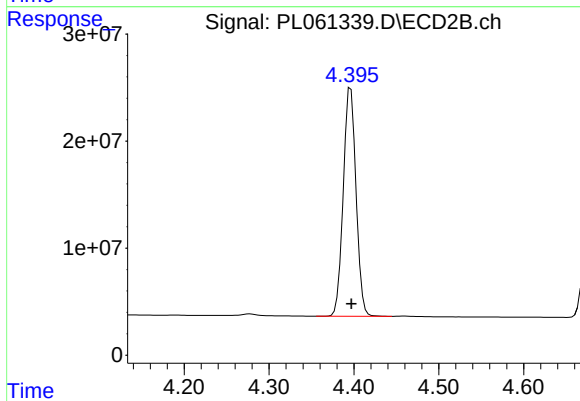
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 146025010  
Conc: 47.47 ng/ml



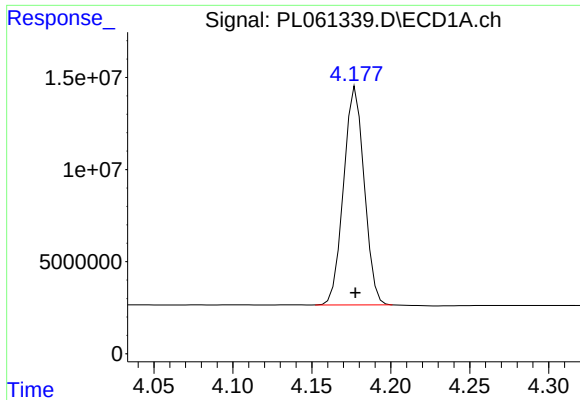
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 119935334  
Conc: 46.87 ng/ml



#2 alpha-BHC

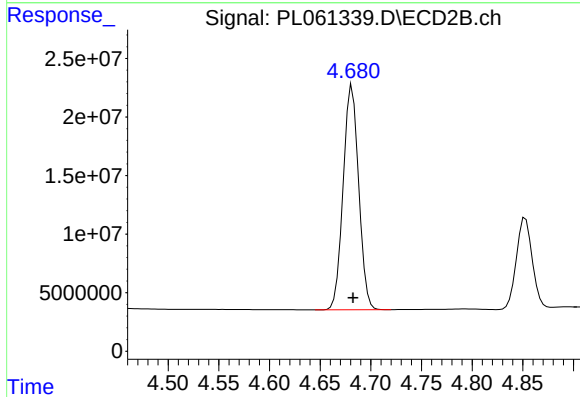
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 222794327  
Conc: 48.24 ng/ml



#3 gamma-BHC (Lindane)

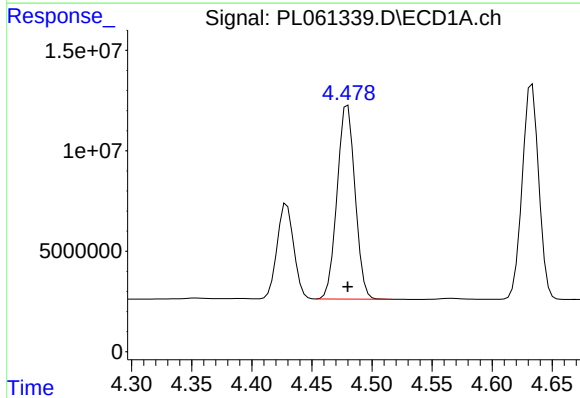
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 107878550  
Conc: 47.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



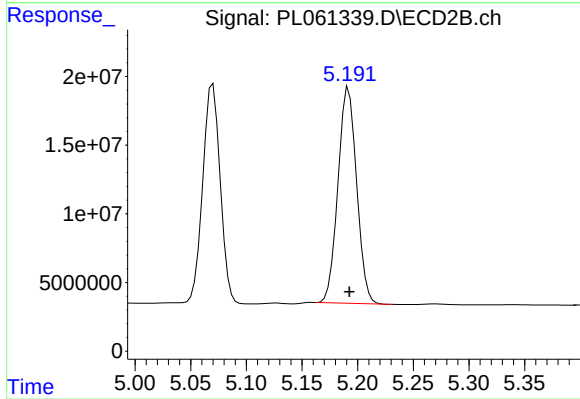
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 203750719  
Conc: 47.49 ng/ml



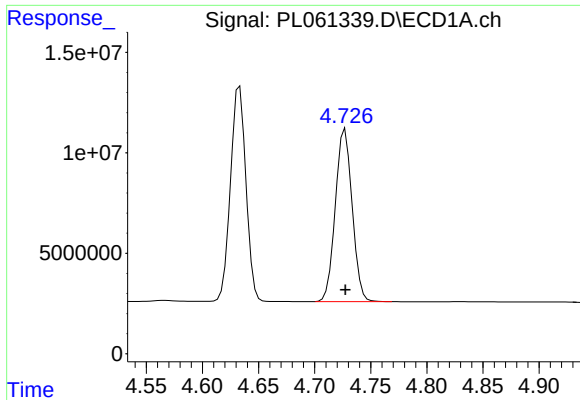
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 100553713  
Conc: 46.87 ng/ml



#4 Heptachlor

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 183380982  
Conc: 46.91 ng/ml



#5 Aldrin

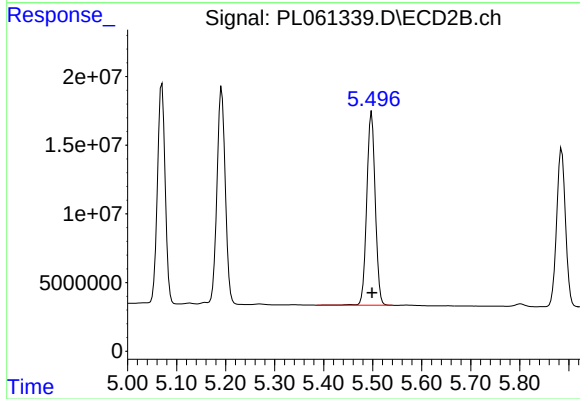
R.T.: 4.727 min

Delta R.T.: 0.000 min

Response: 89802354

Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



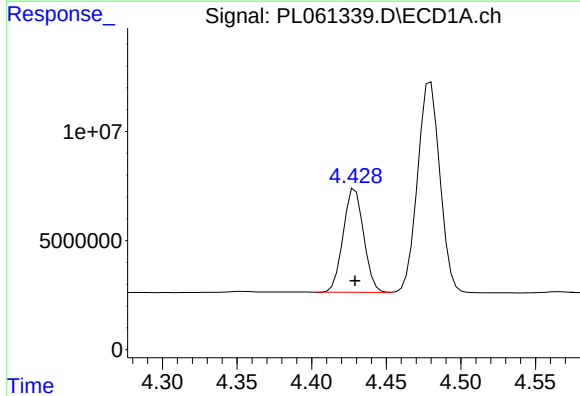
#5 Aldrin

R.T.: 5.498 min

Delta R.T.: 0.000 min

Response: 169199784

Conc: 44.78 ng/ml



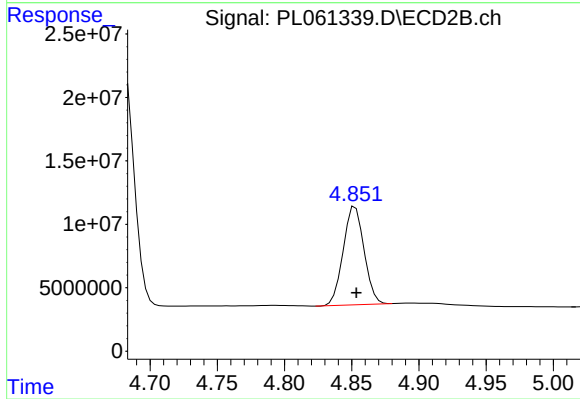
#6 beta-BHC

R.T.: 4.429 min

Delta R.T.: 0.000 min

Response: 45506158

Conc: 47.37 ng/ml



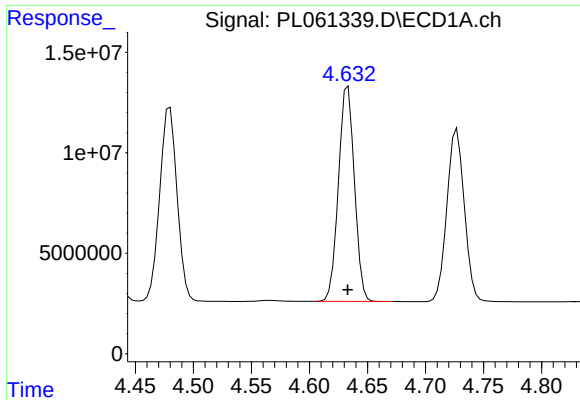
#6 beta-BHC

R.T.: 4.853 min

Delta R.T.: 0.000 min

Response: 83536800

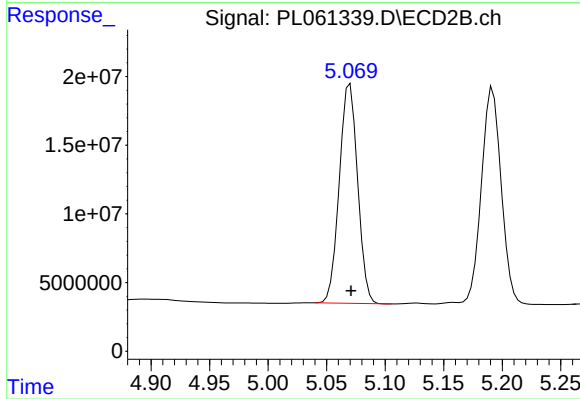
Conc: 47.84 ng/ml



#7 delta-BHC

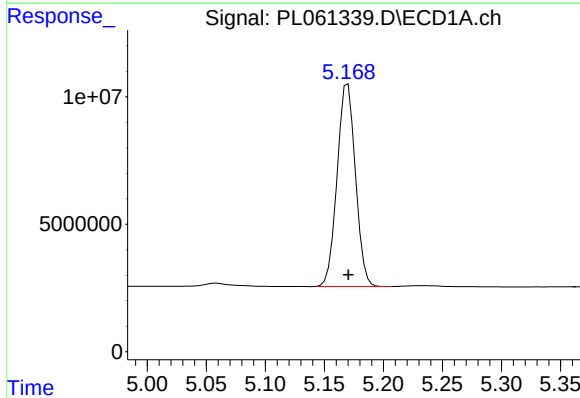
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 102706308  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



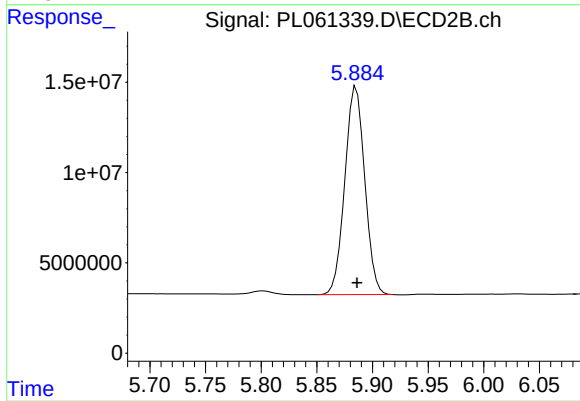
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 174011258  
Conc: 54.56 ng/ml



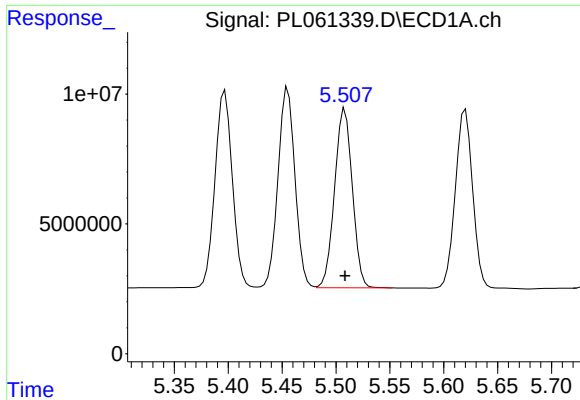
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 85790126  
Conc: 46.04 ng/ml



#8 Heptachlor epoxide

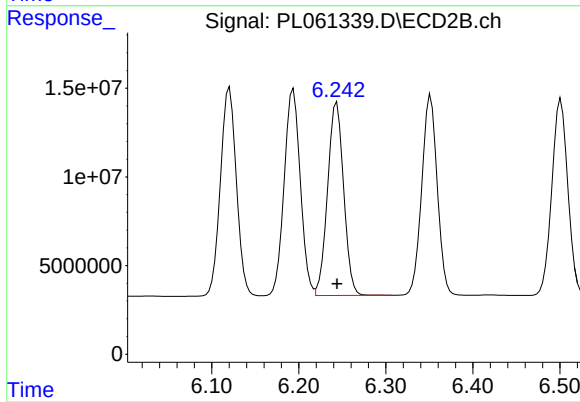
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 143563627  
Conc: 48.08 ng/ml



#9 Endosulfan I

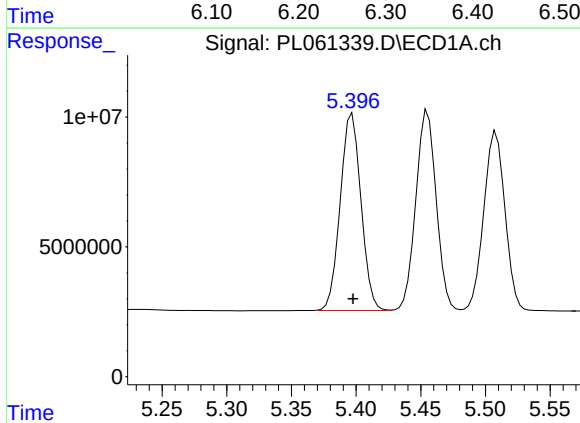
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 78932265  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



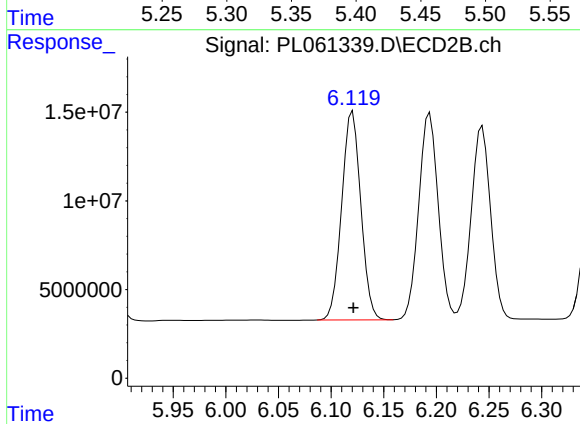
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 139603341  
Conc: 43.52 ng/ml



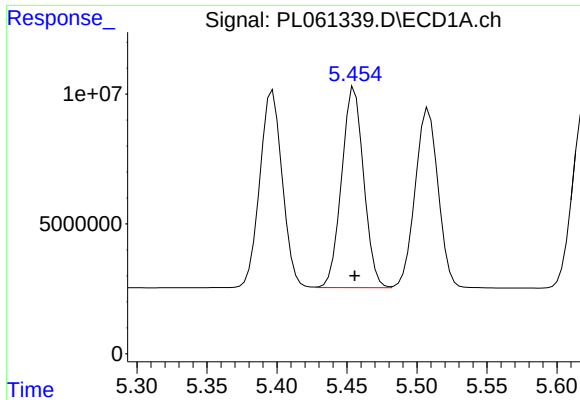
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 84603443  
Conc: 45.67 ng/ml



#10 gamma-Chlordane

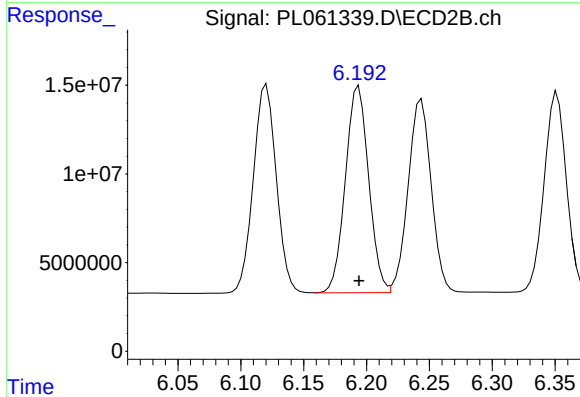
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 149590127  
Conc: 43.39 ng/ml



#11 alpha-Chlordane

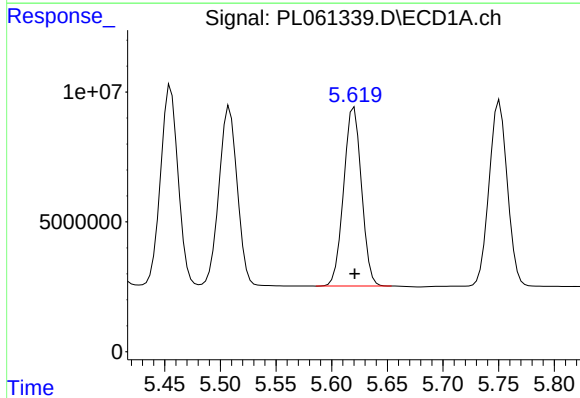
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 84632438  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



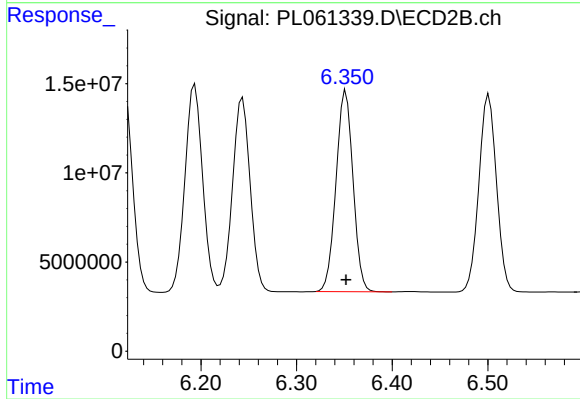
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 150211561  
Conc: 43.16 ng/ml



#12 4,4'-DDE

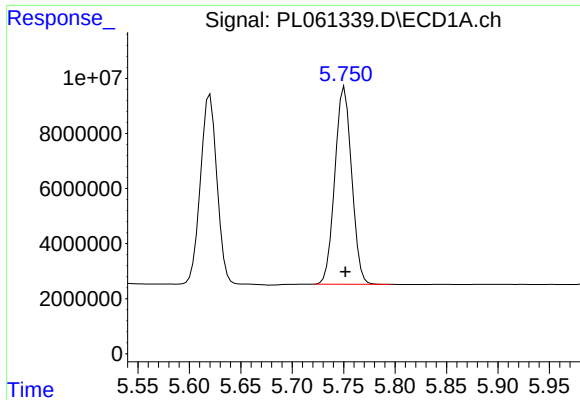
R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 76729054  
Conc: 45.12 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 139332996  
Conc: 43.47 ng/ml

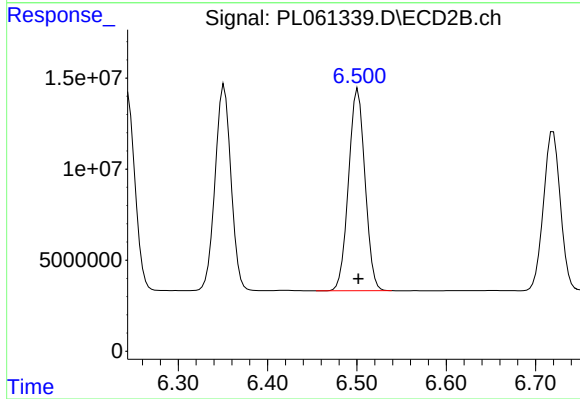




#13 Dieldrin

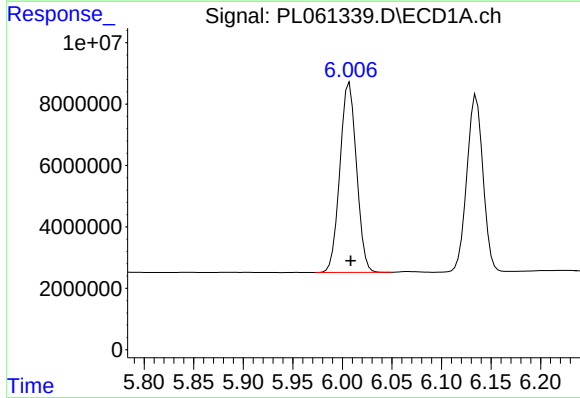
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 81491170  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



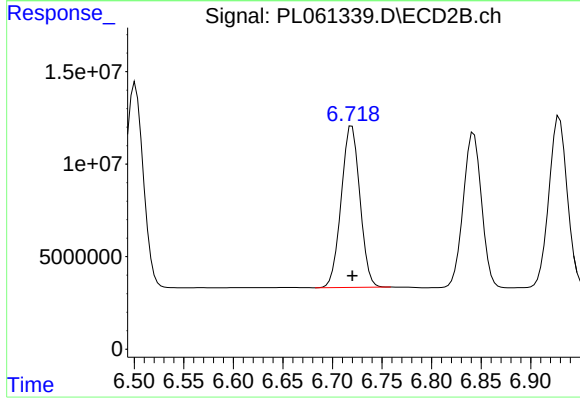
#13 Dieldrin

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 142040992  
Conc: 43.32 ng/ml



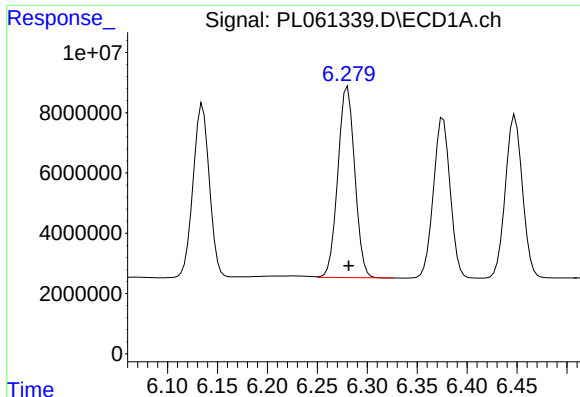
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 72060796  
Conc: 42.88 ng/ml



#14 Endrin

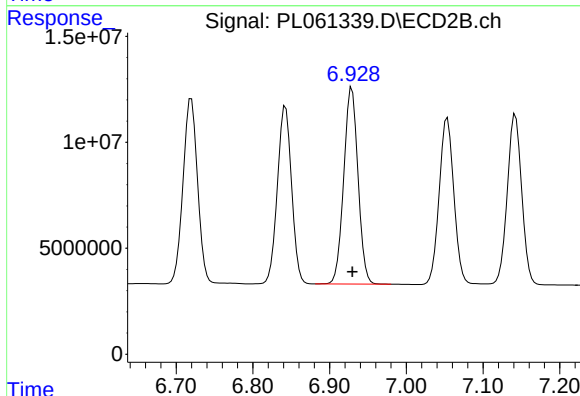
R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 114545205  
Conc: 40.97 ng/ml



#15 Endosulfan II

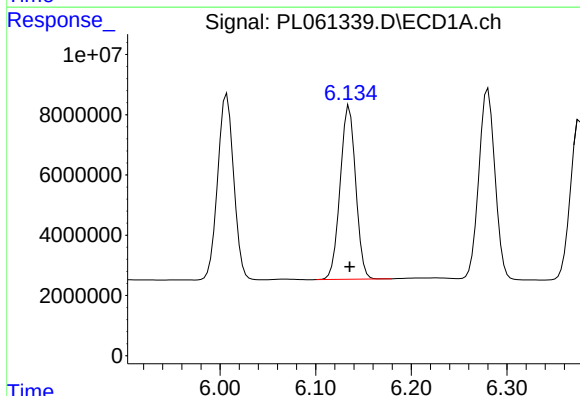
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 74668077  
Conc: 43.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



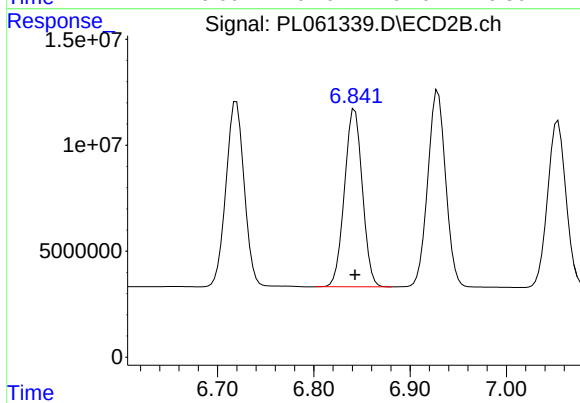
#15 Endosulfan II

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 120307785  
Conc: 40.73 ng/ml



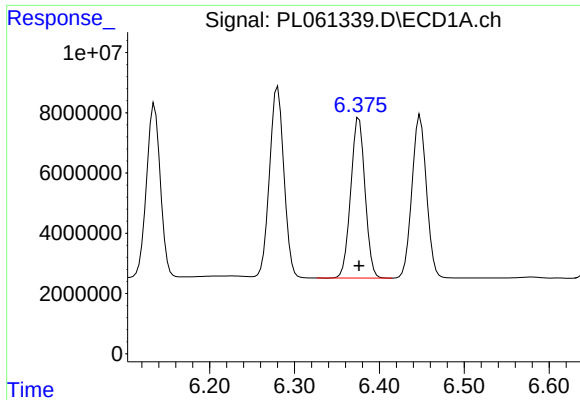
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 65106719  
Conc: 45.05 ng/ml



#16 4,4'-DDD

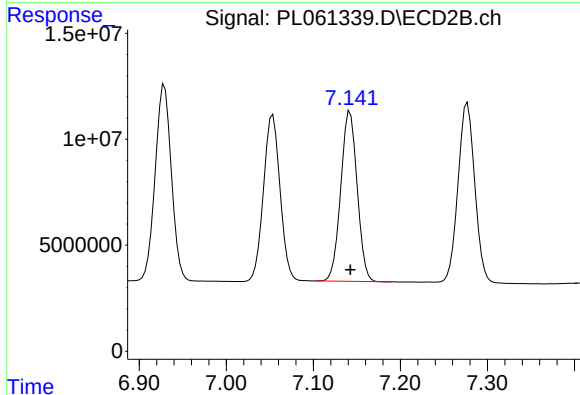
R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 107784518  
Conc: 41.97 ng/ml



#17 4,4'-DDT

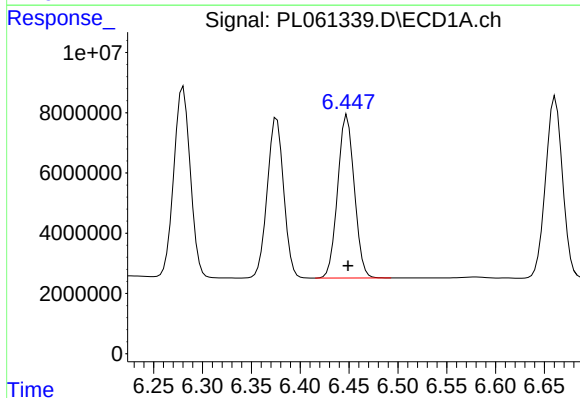
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 62266052  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



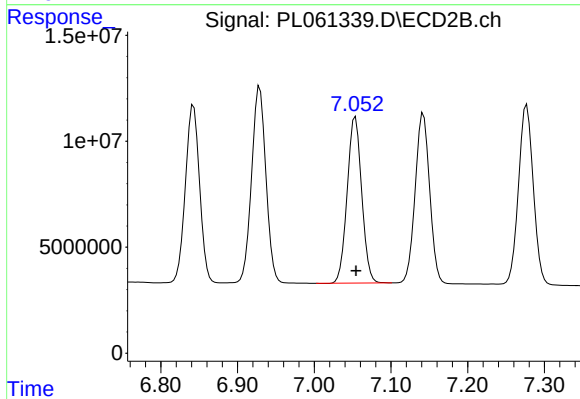
#17 4,4'-DDT

R.T.: 7.142 min  
Delta R.T.: 0.000 min  
Response: 104995876  
Conc: 41.95 ng/ml



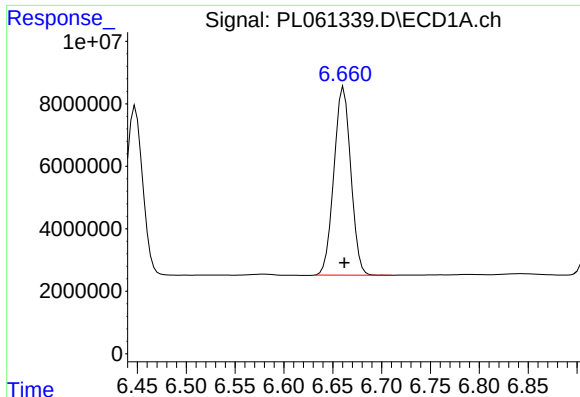
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 64365941  
Conc: 43.72 ng/ml



#18 Endrin aldehyde

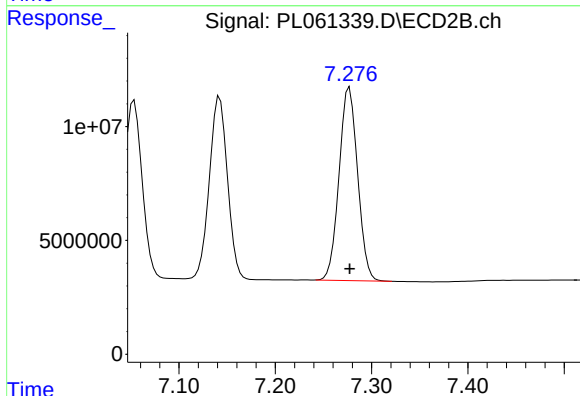
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 103852544  
Conc: 42.45 ng/ml



#19 Endosulfan Sulfate

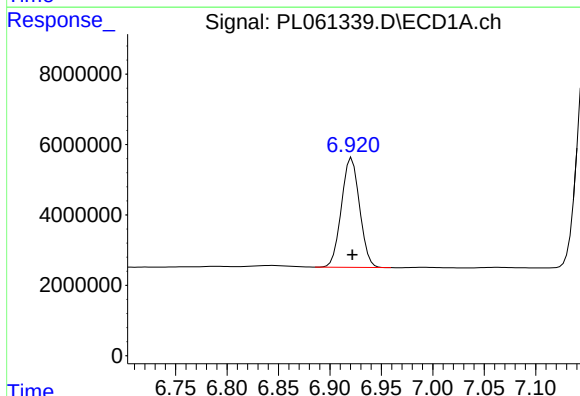
R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 72575174  
Conc: 44.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



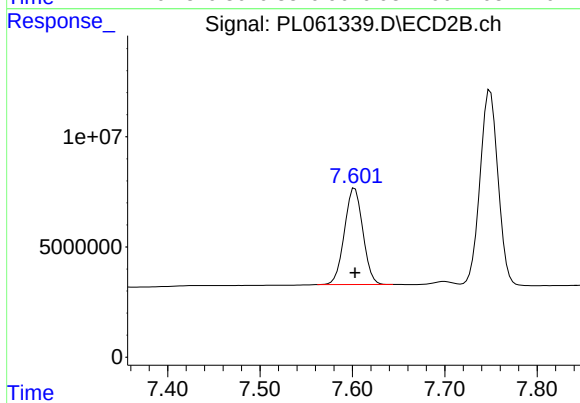
#19 Endosulfan Sulfate

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 113447984  
Conc: 41.47 ng/ml



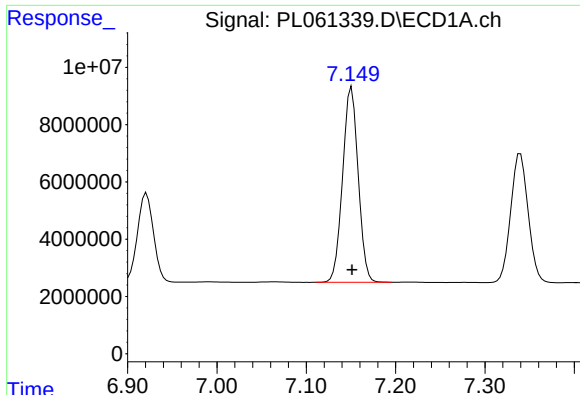
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 38238511  
Conc: 44.67 ng/ml



#20 Methoxychlor

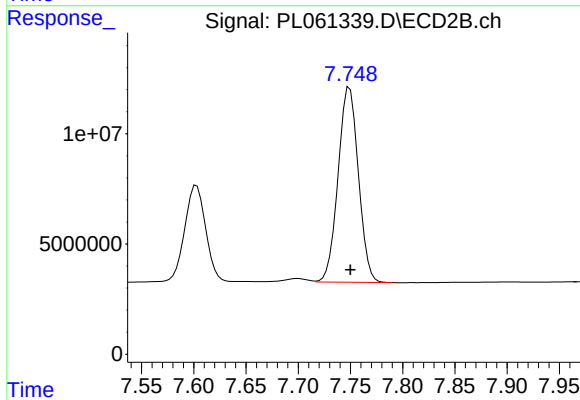
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 60583313  
Conc: 42.12 ng/ml



#21 Endrin ketone

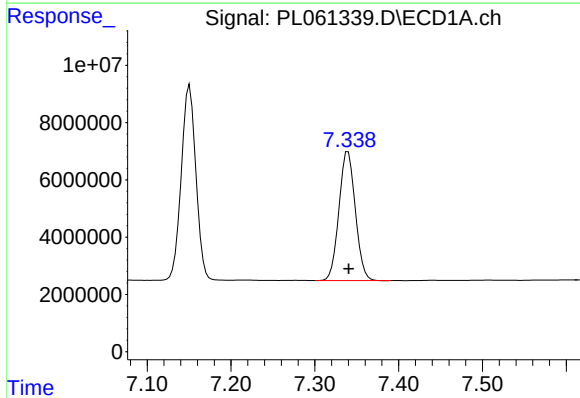
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 82433387  
Conc: 45.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



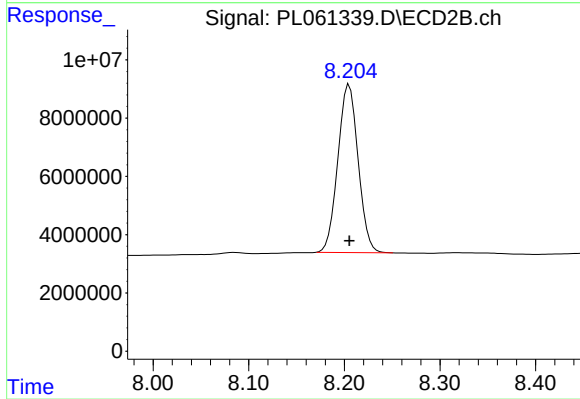
#21 Endrin ketone

R.T.: 7.749 min  
Delta R.T.: 0.000 min  
Response: 119668654  
Conc: 44.08 ng/ml



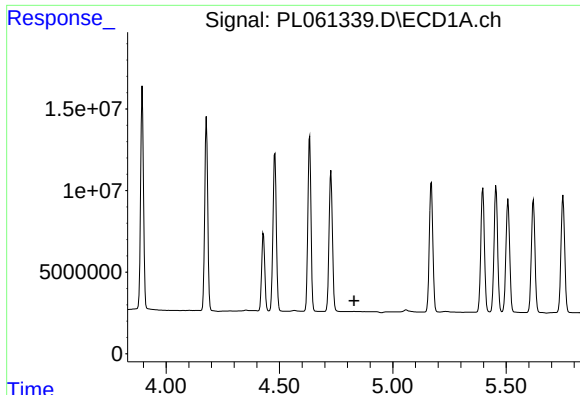
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 61135448  
Conc: 40.89 ng/ml



#22 Mirex

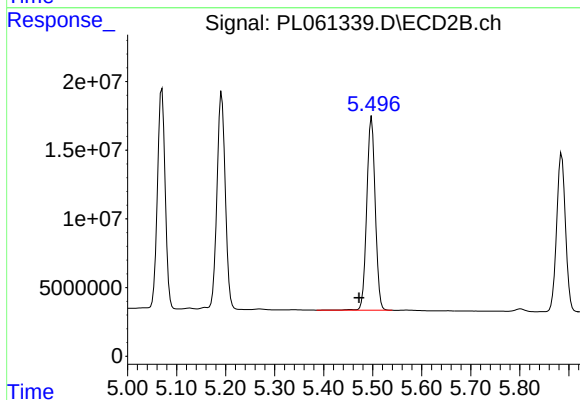
R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 85137515  
Conc: 44.21 ng/ml



#24 Chlordane-2

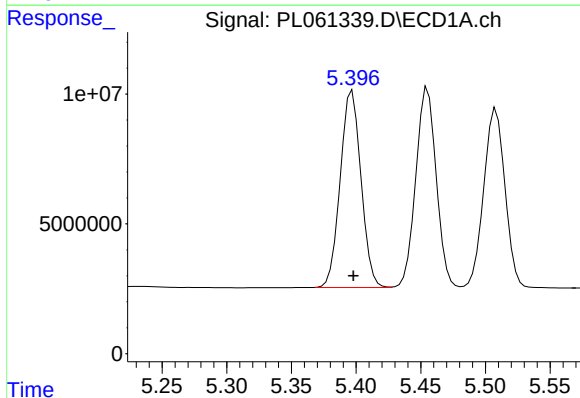
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



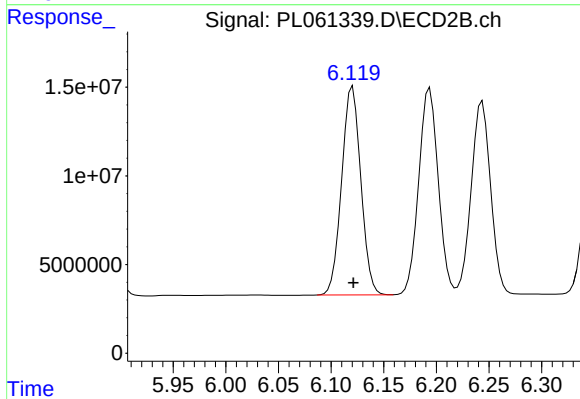
#24 Chlordane-2

R.T.: 5.498 min  
Delta R.T.: 0.025 min  
Response: 169199784  
Conc: 1385.33 ng/ml



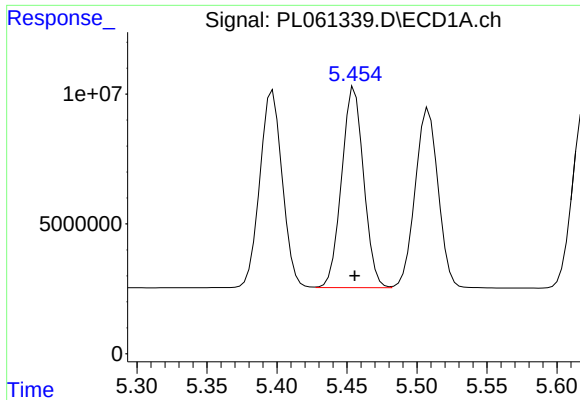
#25 Chlordane-3

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 84603443  
Conc: 510.13 ng/ml



#25 Chlordane-3

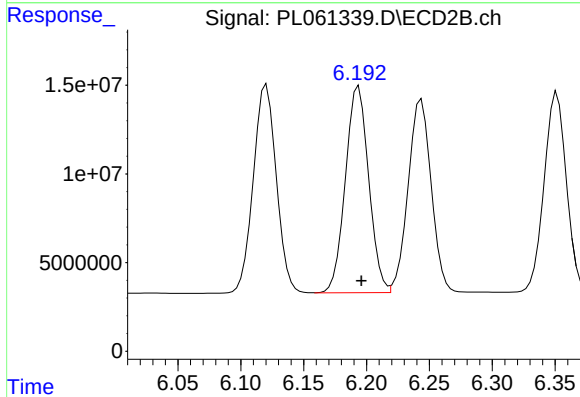
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 149590127  
Conc: 346.29 ng/ml



#26 Chlordane-4

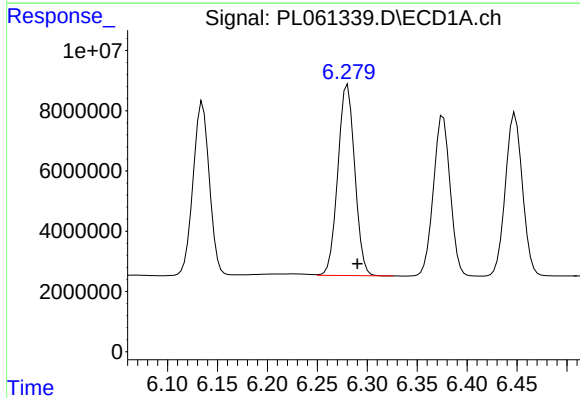
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 84632438  
Conc: 614.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



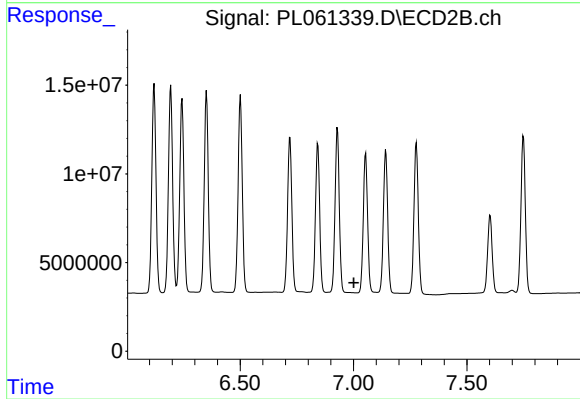
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 150211561  
Conc: 286.95 ng/ml



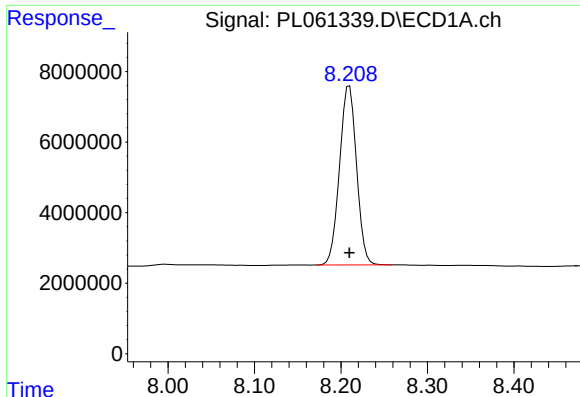
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 74668077  
Conc: 1328.45 ng/ml



#27 Chlordane-5

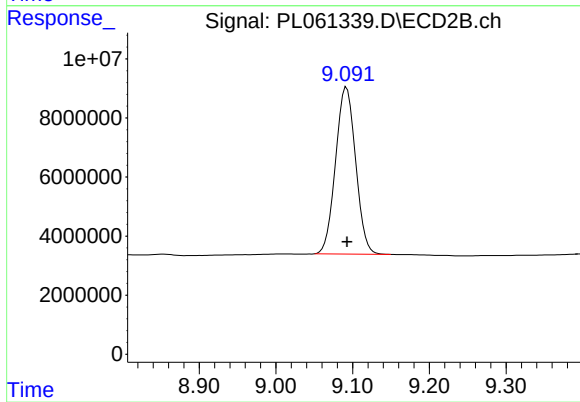
R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 68881094  
Conc: 41.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.000 min  
Response: 102947253  
Conc: 43.54 ng/ml