

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092920\  
 Data File : PL061855.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2020 15:40  
 Operator : DD\AJ  
 Sample : PB131973BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 01:11:07 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  | 37619858 | 57657652 | 22.052   | 21.134     |
| 28)                         | SA Decachlor... | 8.210 | 9.095  | 37566543 | 50933270 | 23.093   | 23.137     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.396  | 128.7E6  | 208.8E6  | 52.814   | 52.269     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.682  | 116.6E6  | 193.4E6  | 53.297   | 52.245     |
| 4)                          | MA Heptachlor   | 4.479 | 5.193  | 108.7E6  | 185.4E6  | 53.244   | 53.528     |
| 5)                          | MB Aldrin       | 4.727 | 5.499  | 96482509 | 171.1E6  | 53.473   | 52.810     |
| 6)                          | B beta-BHC      | 4.429 | 4.854  | 48203215 | 79168486 | 52.778   | 52.431     |
| 7)                          | B delta-BHC     | 4.633 | 5.071  | 106.8E6  | 144.7E6  | 52.110   | 56.772     |
| 8)                          | B Heptachlo...  | 5.170 | 5.887  | 92364713 | 147.6E6  | 52.905   | 59.556     |
| 9)                          | A Endosulfan I  | 5.508 | 6.245  | 85482789 | 142.7E6  | 52.753   | 51.672     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.122  | 92567345 | 156.1E6  | 53.302   | 53.142     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.195  | 92289389 | 156.5E6  | 53.130   | 52.099     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.353  | 84321610 | 143.9E6  | 53.651   | 52.700     |
| 13)                         | MA Dieldrin     | 5.751 | 6.503  | 88724425 | 146.7E6  | 52.753   | 51.702     |
| 14)                         | MA Endrin       | 6.008 | 6.721  | 82046875 | 122.3E6  | 51.563   | 50.142     |
| 15)                         | B Endosulfa...  | 6.280 | 6.931  | 81684947 | 126.7E6  | 50.522   | 49.006     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.845  | 68502813 | 115.2E6  | 51.738   | 51.811     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.144  | 71446240 | 113.7E6  | 56.637   | 51.908     |
| 18)                         | B Endrin al...  | 6.448 | 7.056  | 69721535 | 107.7E6  | 49.582   | 50.296     |
| 19)                         | B Endosulfa...  | 6.662 | 7.279  | 78205179 | 117.8E6  | 50.551   | 50.311     |
| 20)                         | A Methoxychlor  | 6.921 | 7.605  | 38262746 | 64633263 | 47.324   | 51.297     |
| 21)                         | B Endrin ke...  | 7.151 | 7.751  | 90806208 | 126.6E6  | 53.134   | 53.935     |
| 22)                         | Mirex           | 7.340 | 8.207  | 68934655 | 90609578 | 49.172   | 51.426     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 171.1E6  | N.D.     | 1662.465 # |
| 25)                         | Chlordane-3     | 5.397 | 6.122  | 92567345 | 156.1E6  | 588.919  | 425.883 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.195  | 92289389 | 156.5E6  | 707.353  | 348.578 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 81684947 | 0        | 1498.082 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

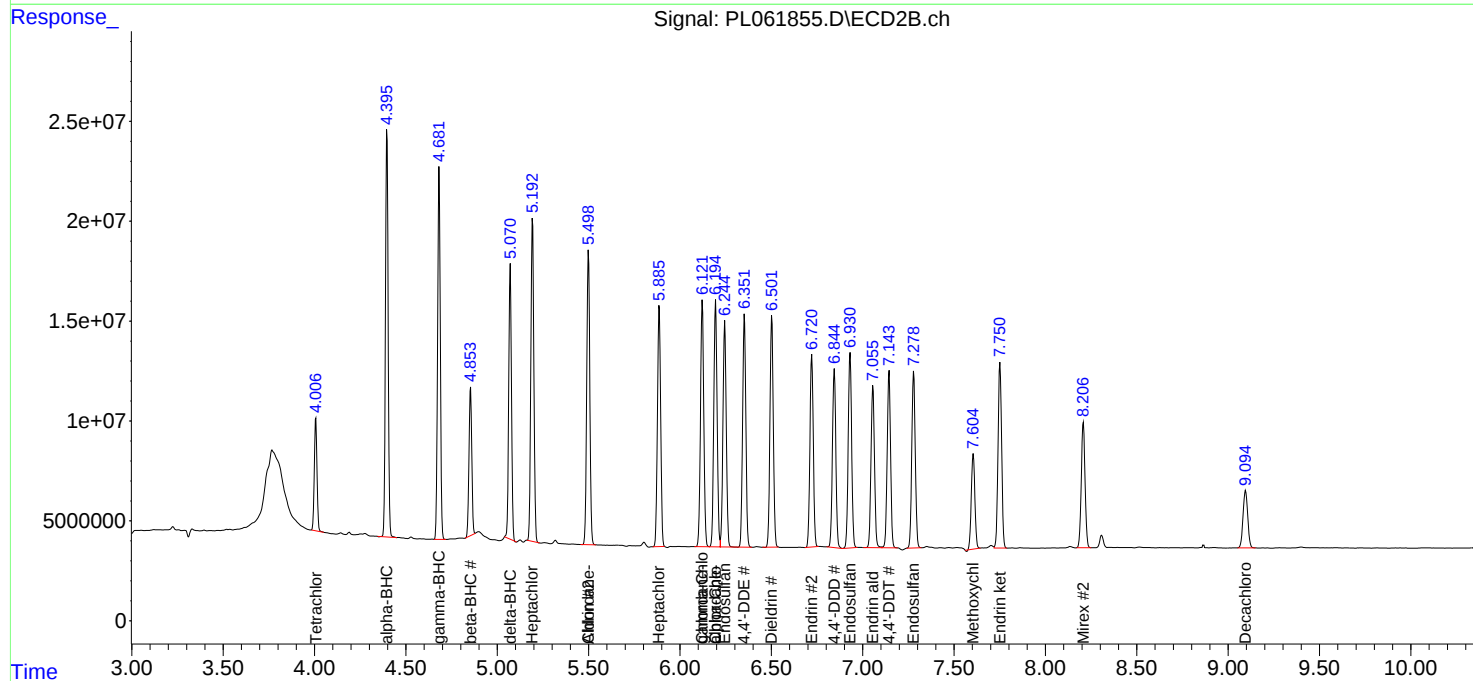
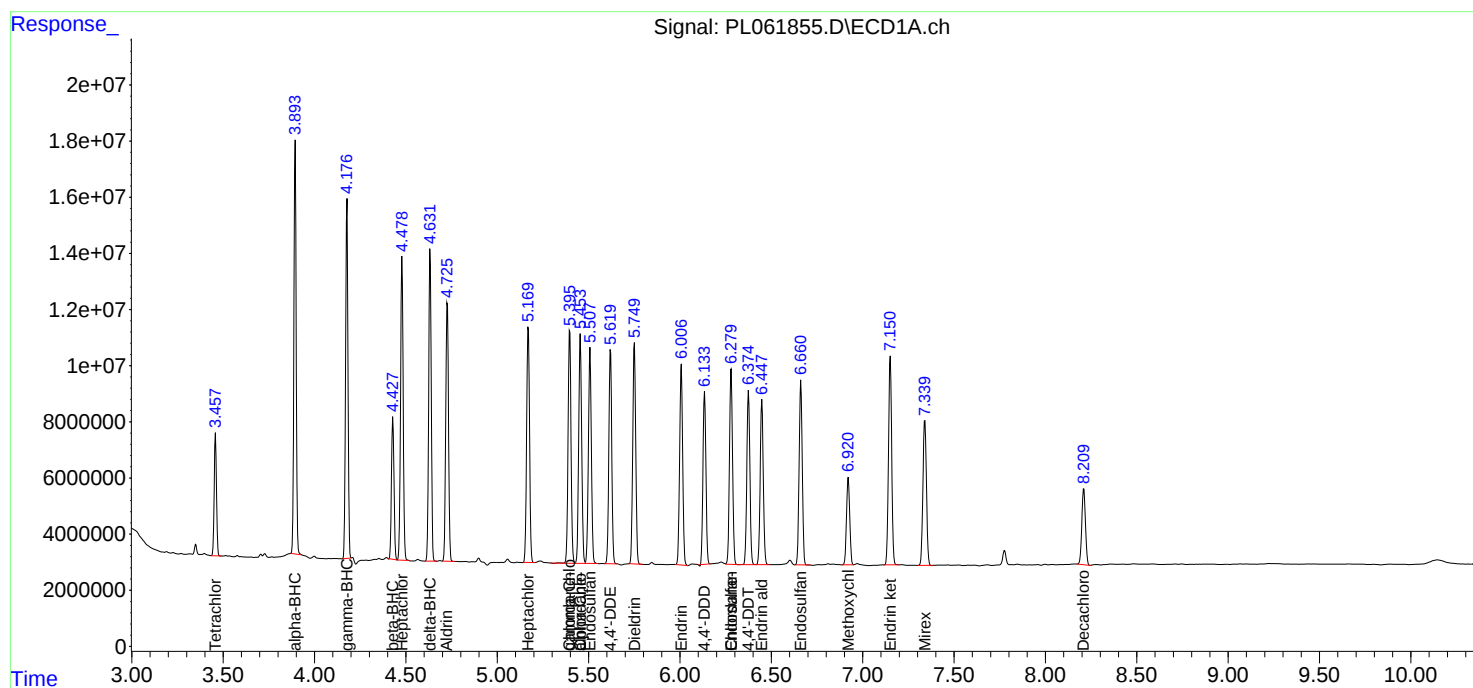
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

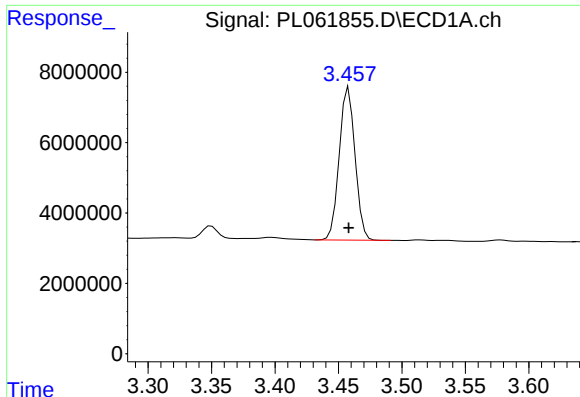
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092920\  
Data File : PL061855.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2020 15:40  
Operator : DD\AJ  
Sample : PB131973BSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 01:11:07 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

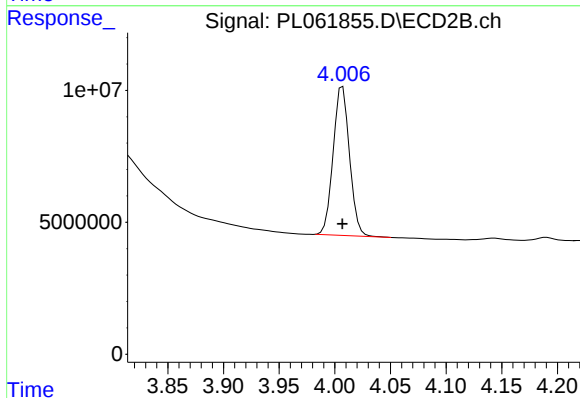




#1 Tetrachloro-m-xylene

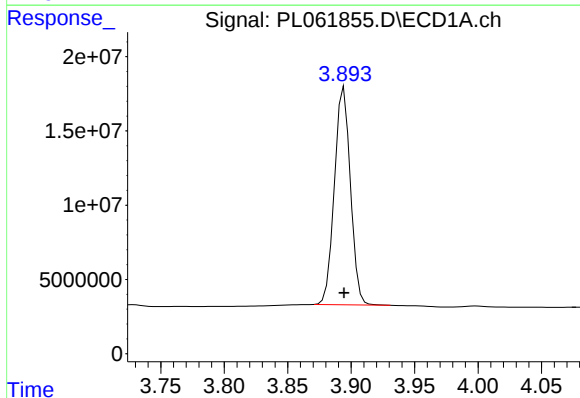
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 37619858  
Conc: 22.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



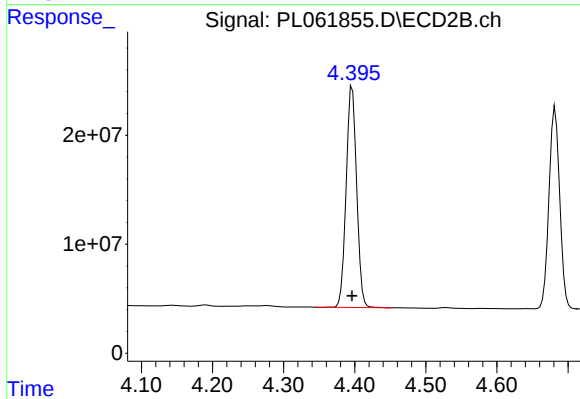
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 57657652  
Conc: 21.13 ng/ml



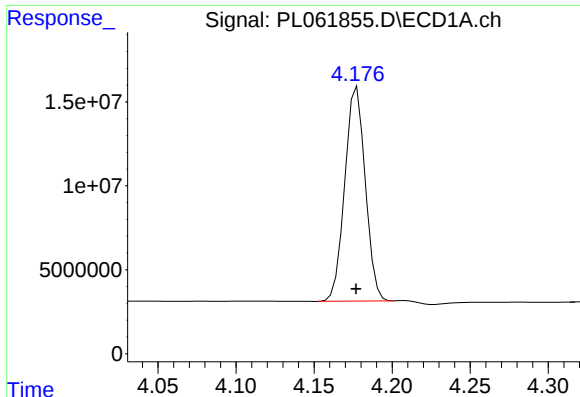
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 128729534  
Conc: 52.81 ng/ml



#2 alpha-BHC

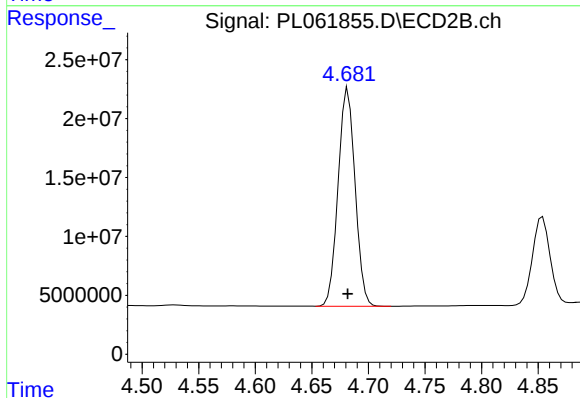
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 208778250  
Conc: 52.27 ng/ml



#3 gamma-BHC (Lindane)

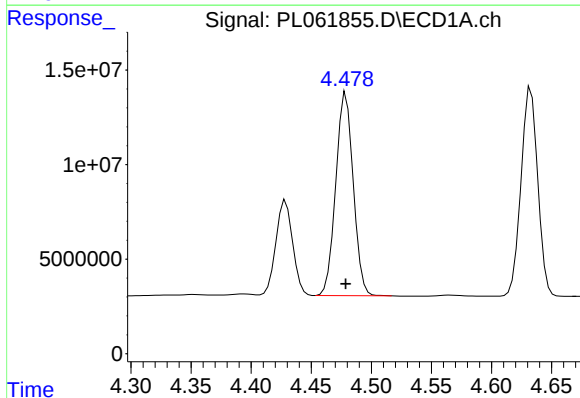
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 116572767  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



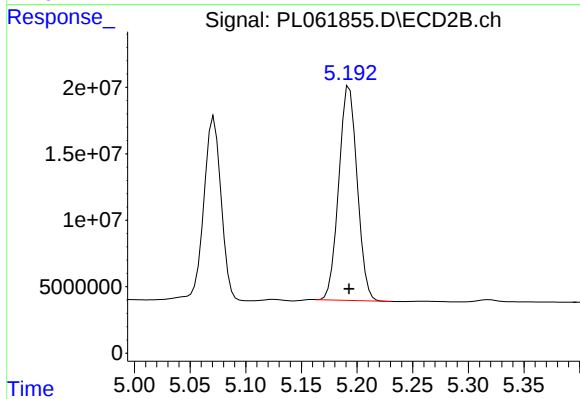
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 193407434  
Conc: 52.25 ng/ml



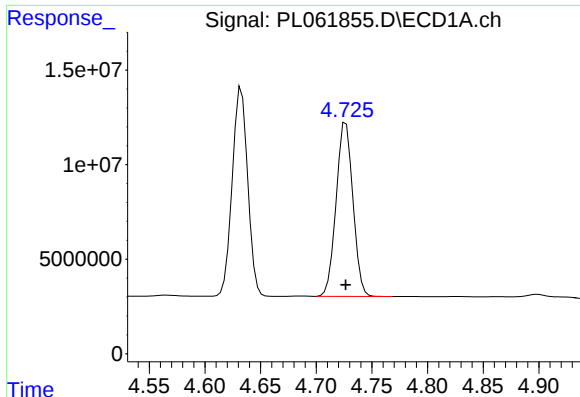
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 108653603  
Conc: 53.24 ng/ml



#4 Heptachlor

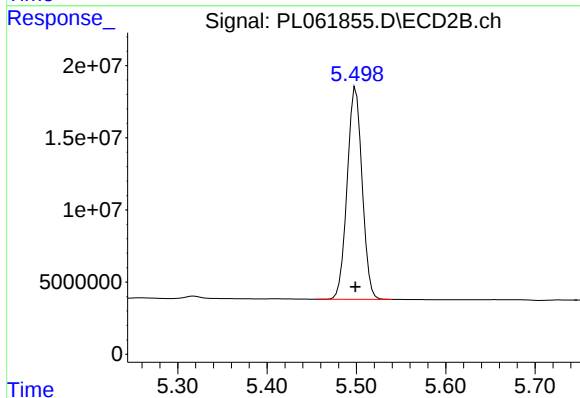
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 185360788  
Conc: 53.53 ng/ml



#5 Aldrin

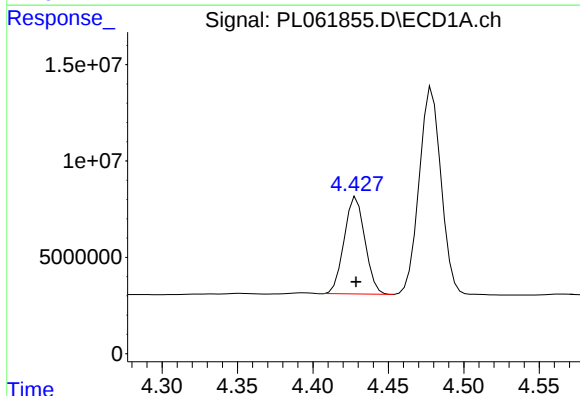
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 96482509  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



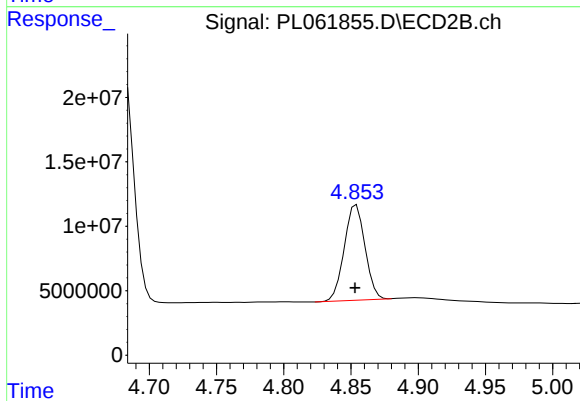
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 171075743  
Conc: 52.81 ng/ml



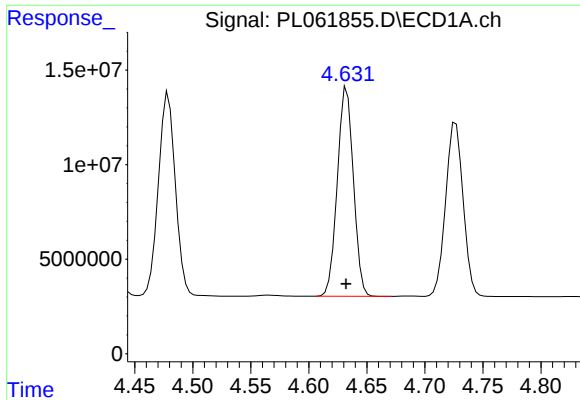
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 48203215  
Conc: 52.78 ng/ml



#6 beta-BHC

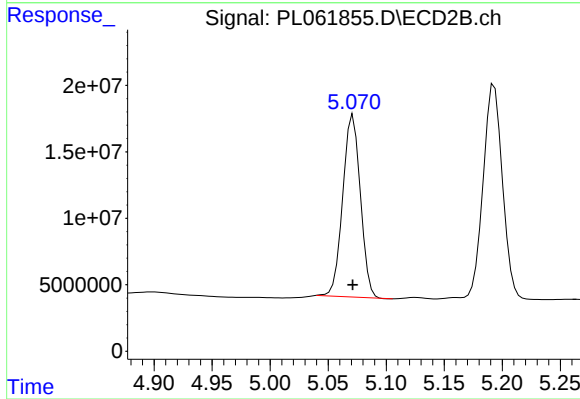
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 79168486  
Conc: 52.43 ng/ml



#7 delta-BHC

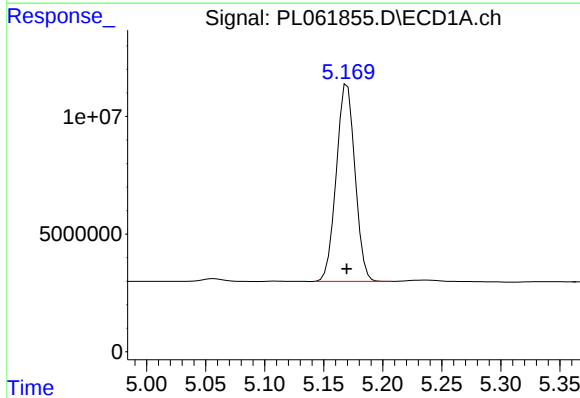
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 106837960  
Conc: 52.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



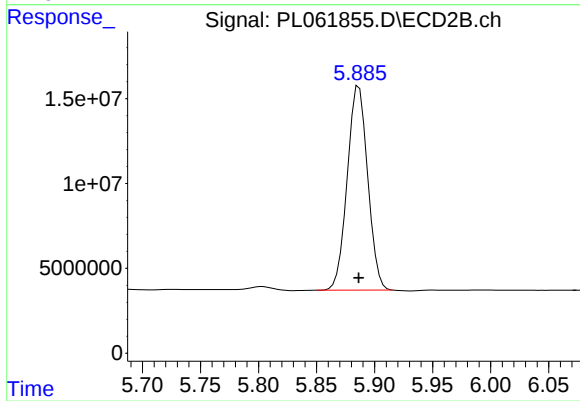
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 144660392  
Conc: 56.77 ng/ml



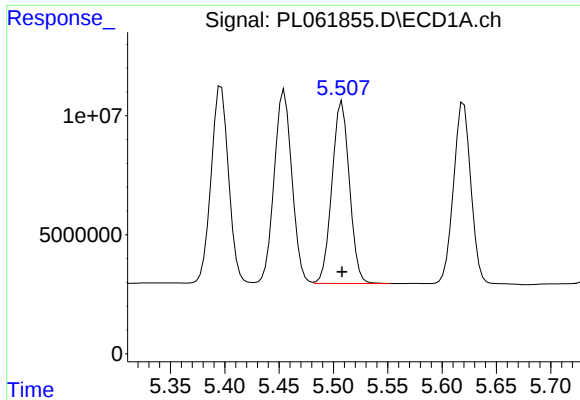
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 92364713  
Conc: 52.90 ng/ml



#8 Heptachlor epoxide

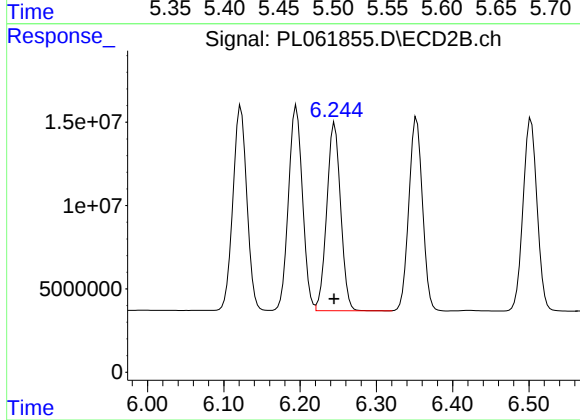
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 147600648  
Conc: 59.56 ng/ml



#9 Endosulfan I

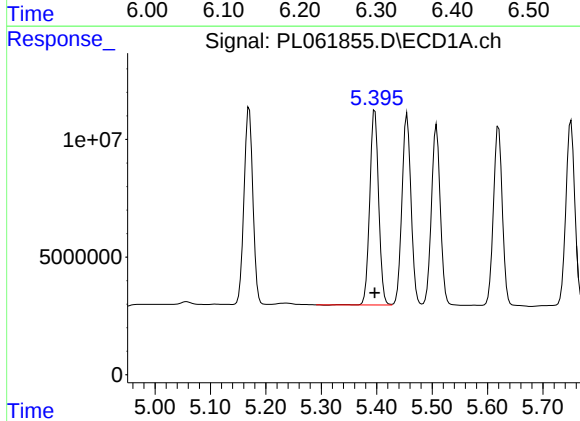
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 85482789  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



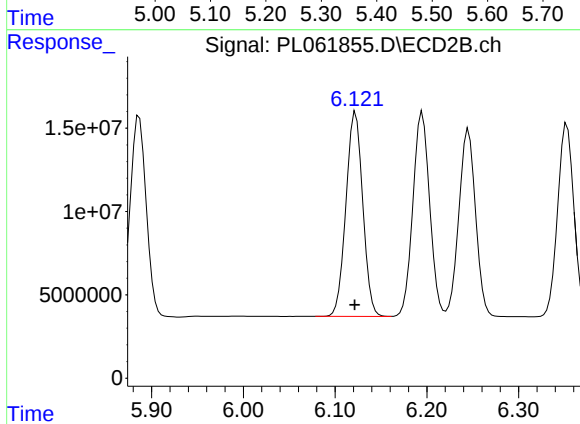
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 142745960  
Conc: 51.67 ng/ml



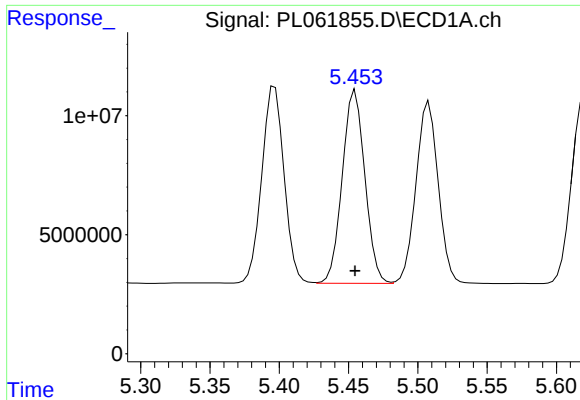
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 92567345  
Conc: 53.30 ng/ml



#10 gamma-Chlordane

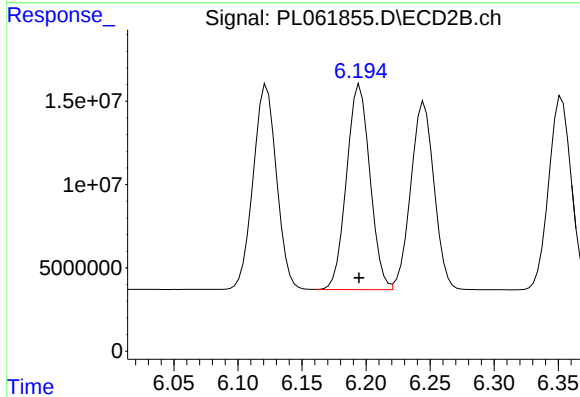
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 156059240  
Conc: 53.14 ng/ml



#11 alpha-Chlordane

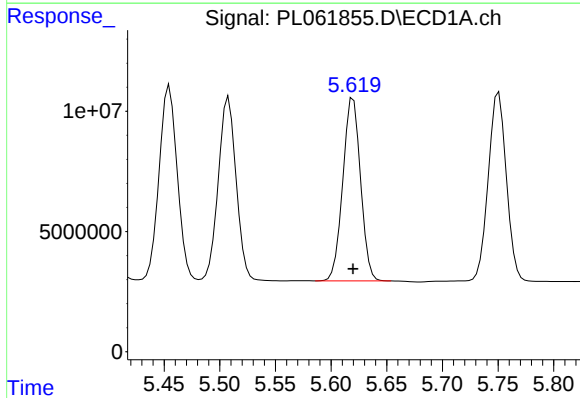
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 92289389  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



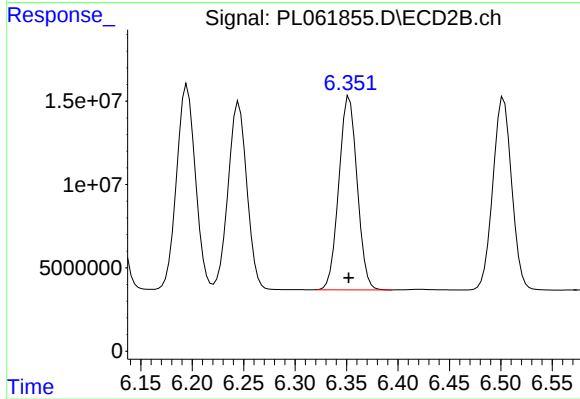
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 156482453  
Conc: 52.10 ng/ml



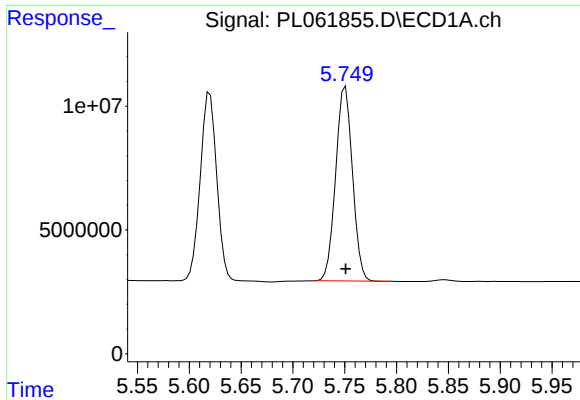
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 84321610  
Conc: 53.65 ng/ml



#12 4,4'-DDE

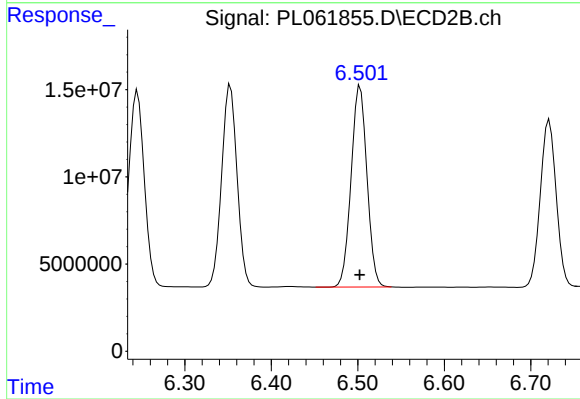
R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 143859748  
Conc: 52.70 ng/ml



#13 Dieldrin

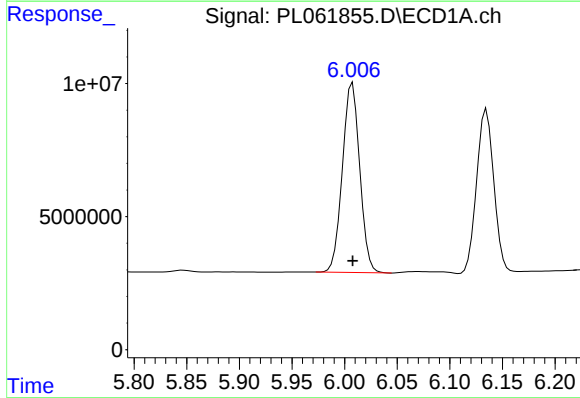
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 88724425  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



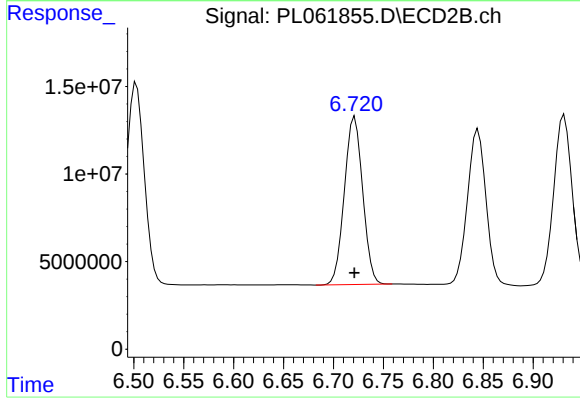
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 146674163  
Conc: 51.70 ng/ml



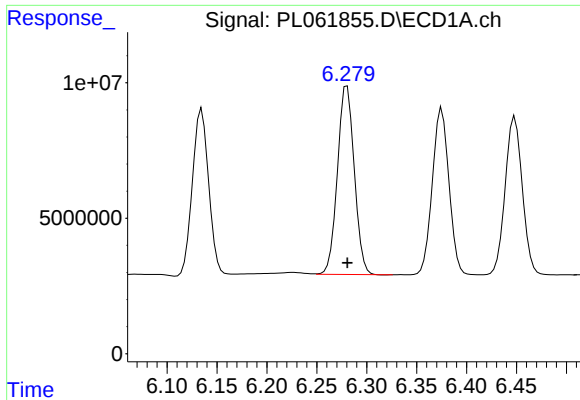
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 82046875  
Conc: 51.56 ng/ml



#14 Endrin

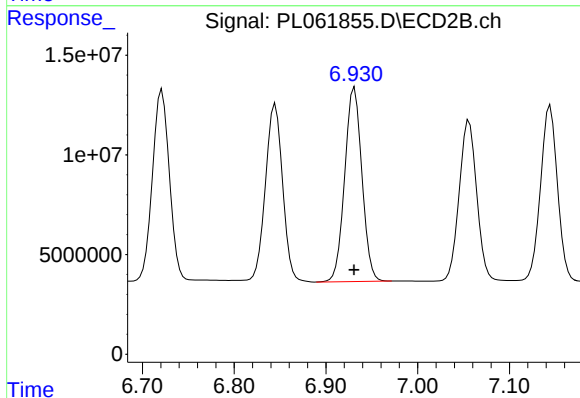
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 122326396  
Conc: 50.14 ng/ml



#15 Endosulfan II

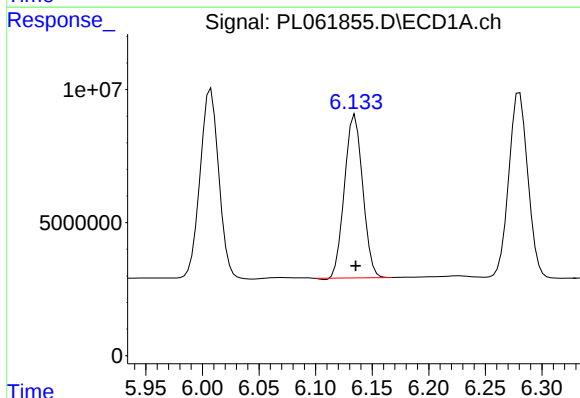
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 81684947  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



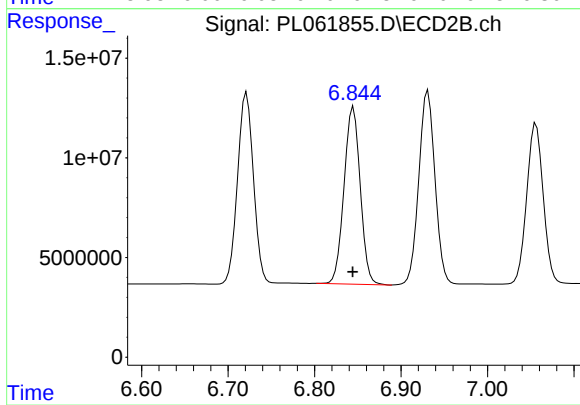
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 126666177  
Conc: 49.01 ng/ml



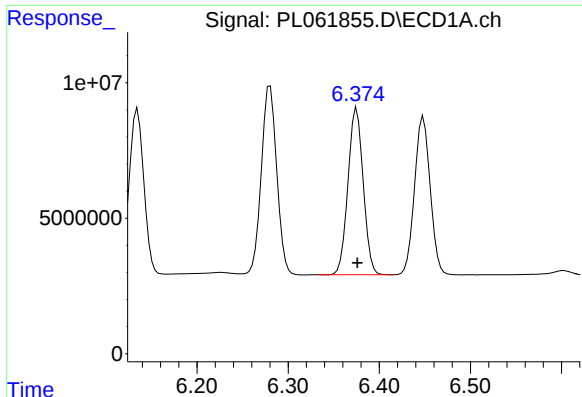
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 68502813  
Conc: 51.74 ng/ml



#16 4,4'-DDD

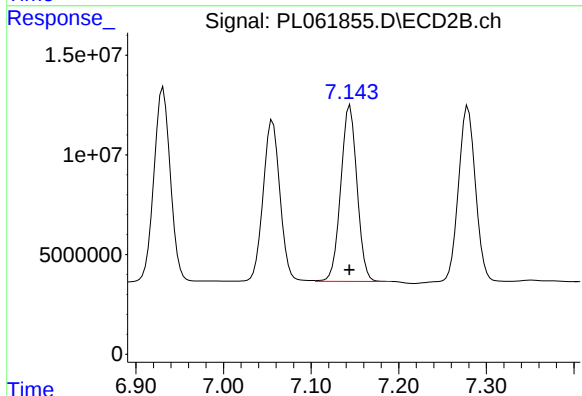
R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 115179587  
Conc: 51.81 ng/ml



#17 4,4'-DDT

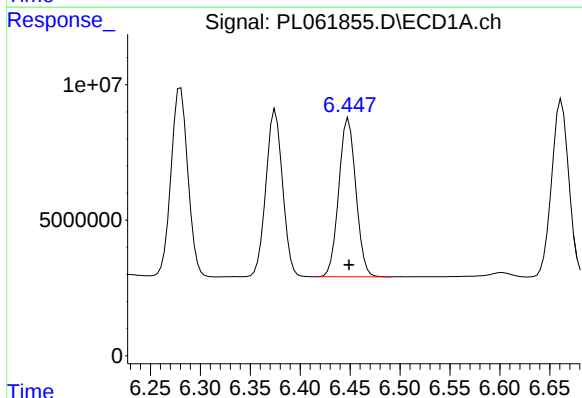
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 71446240  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



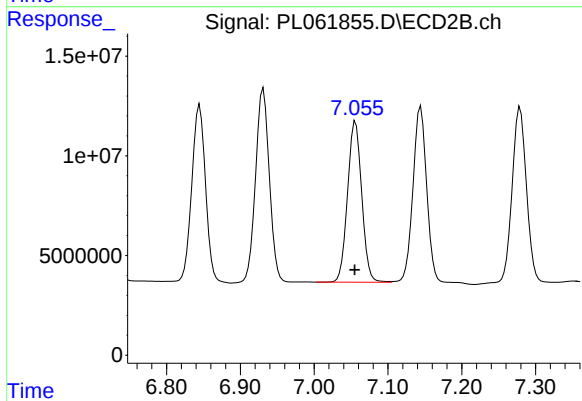
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 113668988  
Conc: 51.91 ng/ml



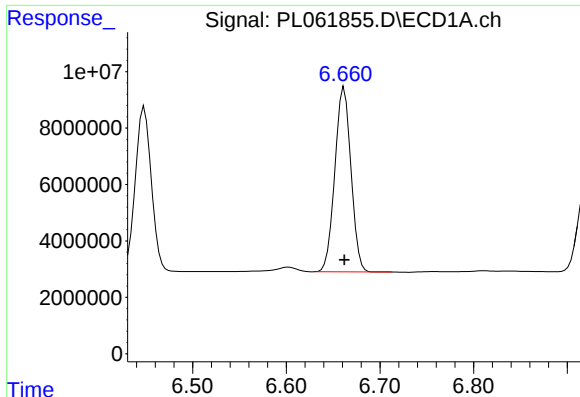
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 69721535  
Conc: 49.58 ng/ml



#18 Endrin aldehyde

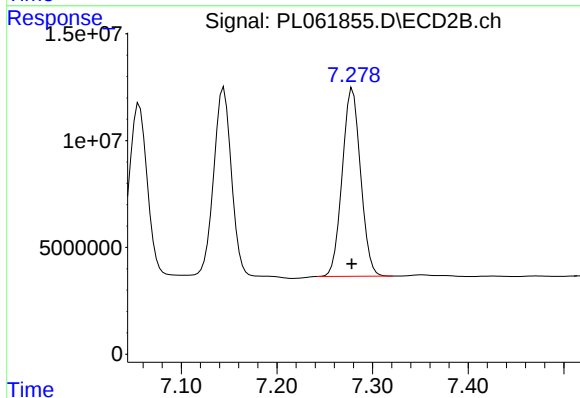
R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 107657173  
Conc: 50.30 ng/ml



#19 Endosulfan Sulfate

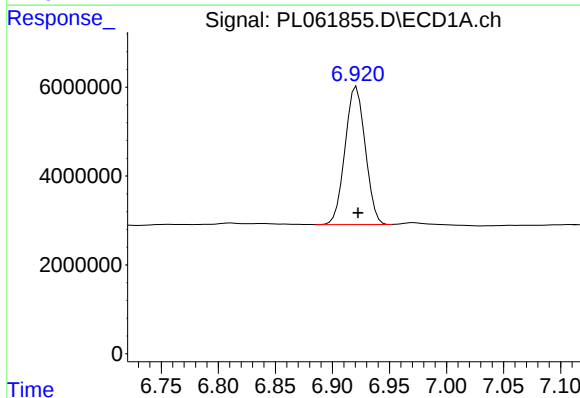
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 78205179  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



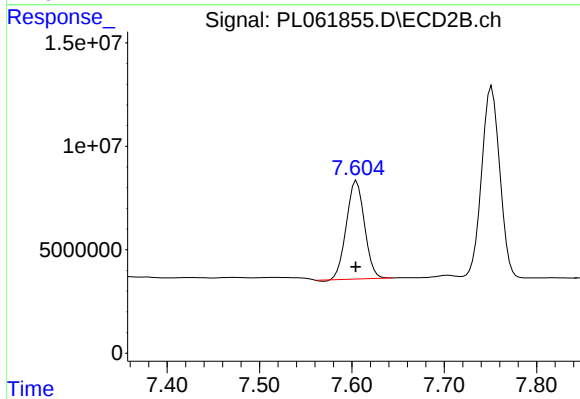
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 117807360  
Conc: 50.31 ng/ml



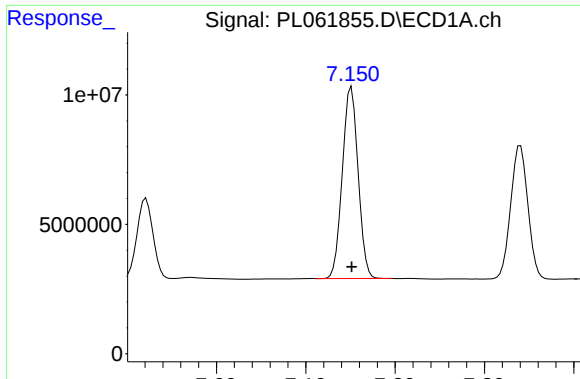
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.001 min  
Response: 38262746  
Conc: 47.32 ng/ml



#20 Methoxychlor

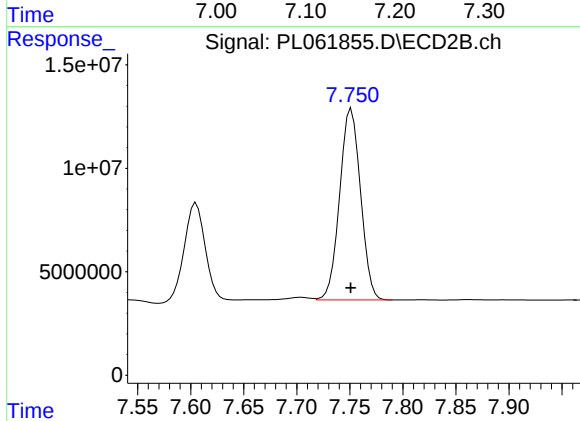
R.T.: 7.605 min  
Delta R.T.: 0.001 min  
Response: 64633263  
Conc: 51.30 ng/ml



#21 Endrin ketone

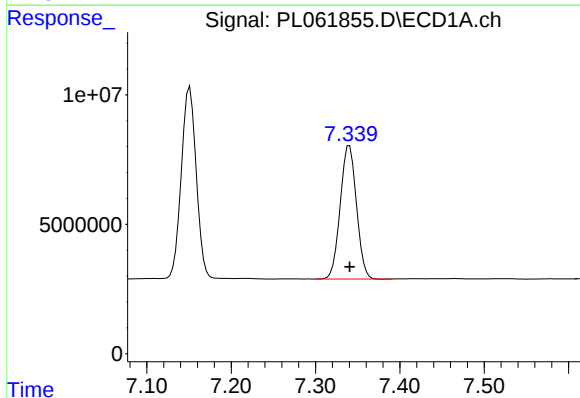
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 90806208  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



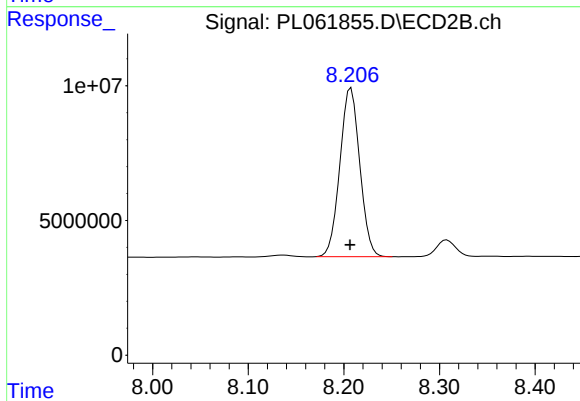
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 126585912  
Conc: 53.93 ng/ml



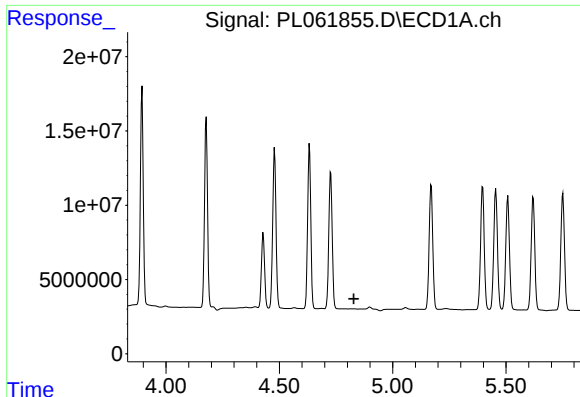
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 68934655  
Conc: 49.17 ng/ml



#22 Mirex

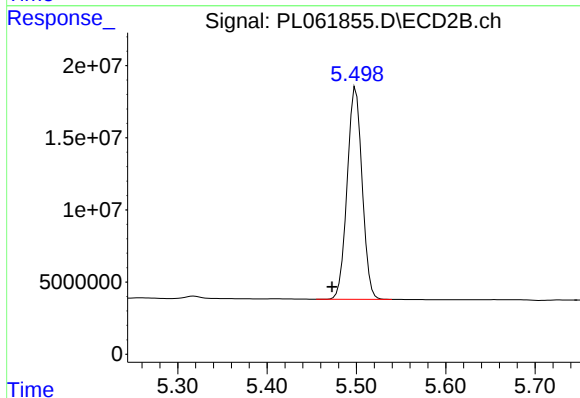
R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 90609578  
Conc: 51.43 ng/ml



#24 Chlordane-2

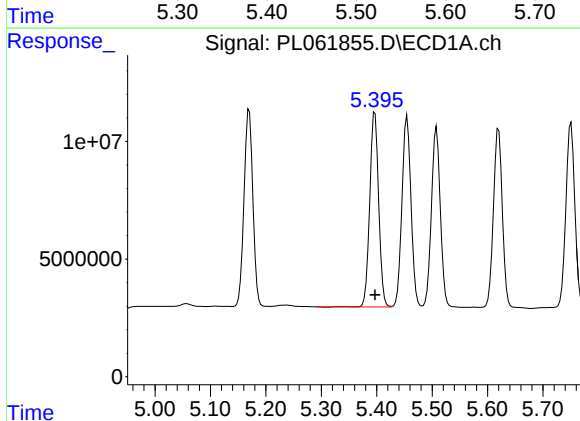
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



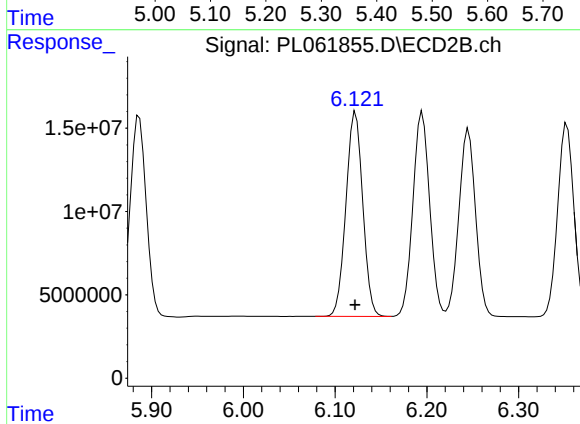
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.027 min  
Response: 171075743  
Conc: 1662.47 ng/ml



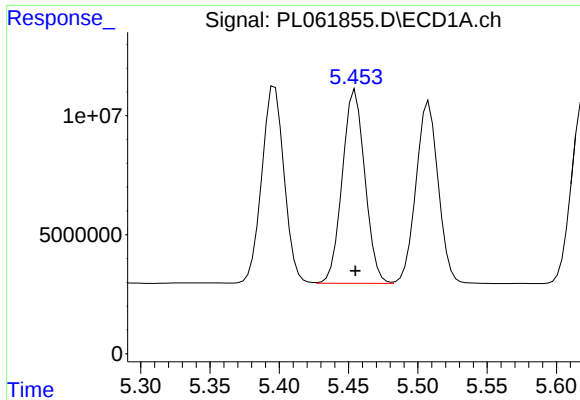
#25 Chlordane-3

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 92567345  
Conc: 588.92 ng/ml



#25 Chlordane-3

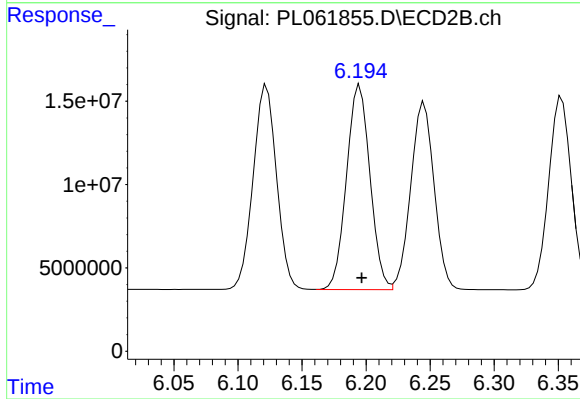
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 156059240  
Conc: 425.88 ng/ml



#26 Chlordane-4

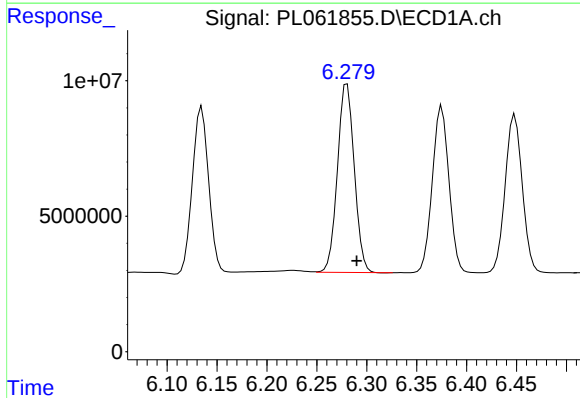
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 92289389  
Conc: 707.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



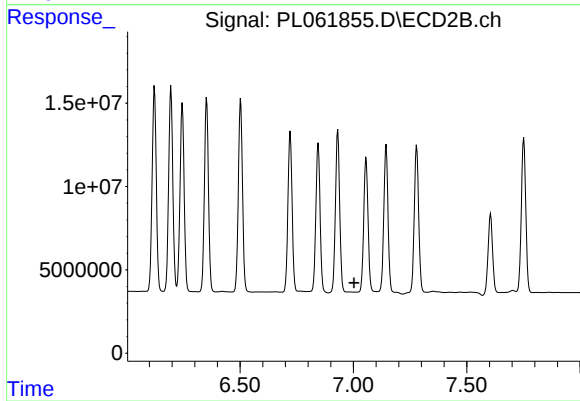
#26 Chlordane-4

R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 156482453  
Conc: 348.58 ng/ml



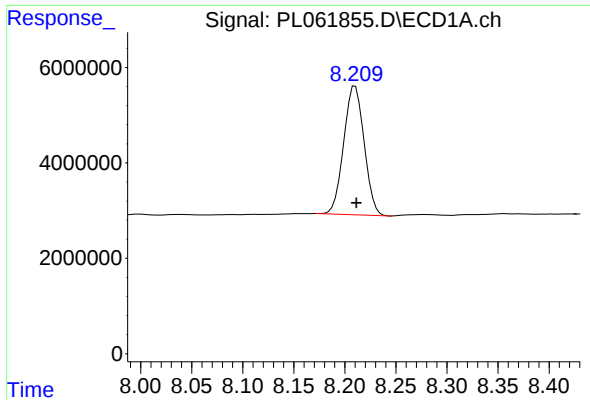
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 81684947  
Conc: 1498.08 ng/ml



#27 Chlordane-5

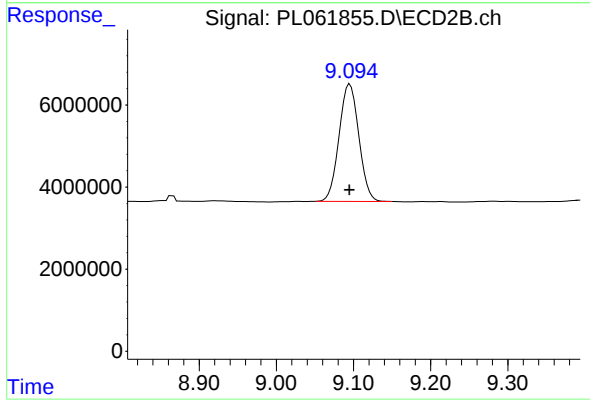
R.T.: 0.000 min  
Exp R.T.: 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: -0.001 min  
Response: 37566543  
Conc: 23.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 50933270  
Conc: 23.14 ng/ml