

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092220\  
 Data File : PL061668.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2020 18:43  
 Operator : DD\AJ  
 Sample : L3869-10MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 01:09:18 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 | 4.008  | 32577549 | 60570856 | 18.889   | 19.692     |
| 28)                         | SA Decachlor... | 8.212 | 9.097  | 33926507 | 48200973 | 20.336   | 20.385     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.398  | 129.0E6  | 248.4E6  | 50.405   | 53.789     |
| 3)                          | MA gamma-BHC... | 4.179 | 4.683  | 124.2E6  | 236.3E6  | 54.431   | 55.066     |
| 4)                          | MA Heptachlor   | 4.480 | 5.194  | 108.9E6  | 205.1E6  | 50.754   | 52.470     |
| 5)                          | MB Aldrin       | 4.728 | 5.500  | 97940707 | 190.8E6  | 51.011   | 50.506     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 45515911 | 90444605 | 47.383   | 51.792     |
| 7)                          | B delta-BHC     | 4.634 | 5.072  | 99563796 | 139.7E6  | 45.962   | 43.801     |
| 8)                          | B Heptachlo...  | 5.171 | 5.887  | 95154744 | 156.6E6  | 51.069   | 52.461     |
| 9)                          | A Endosulfan I  | 5.509 | 6.245  | 90583701 | 160.4E6  | 52.652   | 50.003     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.123  | 94124740 | 173.4E6  | 50.808   | 50.306     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.195  | 93737240 | 171.9E6  | 50.601   | 49.404     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.354  | 86310697 | 158.3E6  | 50.758   | 49.392     |
| 13)                         | MA Dieldrin     | 5.752 | 6.503  | 90697578 | 160.7E6  | 50.528   | 49.016     |
| 14)                         | MA Endrin       | 6.009 | 6.722  | 83542005 | 134.0E6  | 49.711   | 47.934     |
| 15)                         | B Endosulfa...  | 6.282 | 6.932  | 84383502 | 138.9E6  | 49.323   | 47.009     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.845  | 72694604 | 128.0E6  | 50.302   | 49.861     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.145  | 69419956 | 118.0E6  | 50.558   | 47.143     |
| 18)                         | B Endrin al...  | 6.450 | 7.057  | 71996550 | 116.6E6  | 48.908   | 47.662     |
| 19)                         | B Endosulfa...  | 6.663 | 7.280  | 79932360 | 125.9E6  | 48.567   | 46.022     |
| 20)                         | A Methoxychlor  | 6.923 | 7.605  | 40490385 | 65288926 | 47.299   | 45.389     |
| 21)                         | B Endrin ke...  | 7.153 | 7.752  | 92286343 | 135.0E6  | 50.466   | 49.728     |
| 22)                         | Mirex           | 7.342 | 8.209  | 68345164 | 92230157 | 45.708   | 47.898     |
| 23)                         | Chlordane-1     | 4.321 | 0.000  | 1189183  | 0        | 22.670   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 190.8E6  | N.D.     | 1562.515 # |
| 25)                         | Chlordane-3     | 5.398 | 6.123  | 94124740 | 173.4E6  | 567.540  | 401.466 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.195  | 93737240 | 171.9E6  | 681.003  | 328.435 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 84383502 | 0        | 1501.304 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

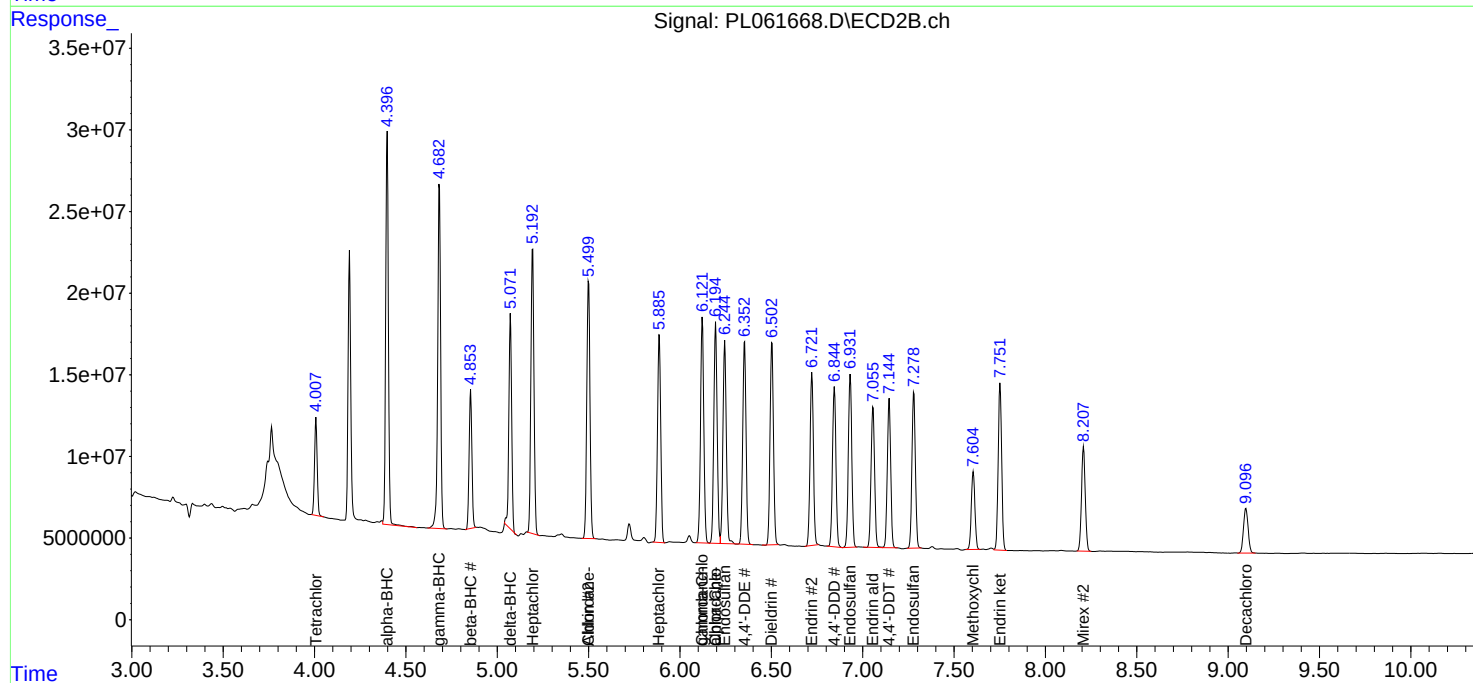
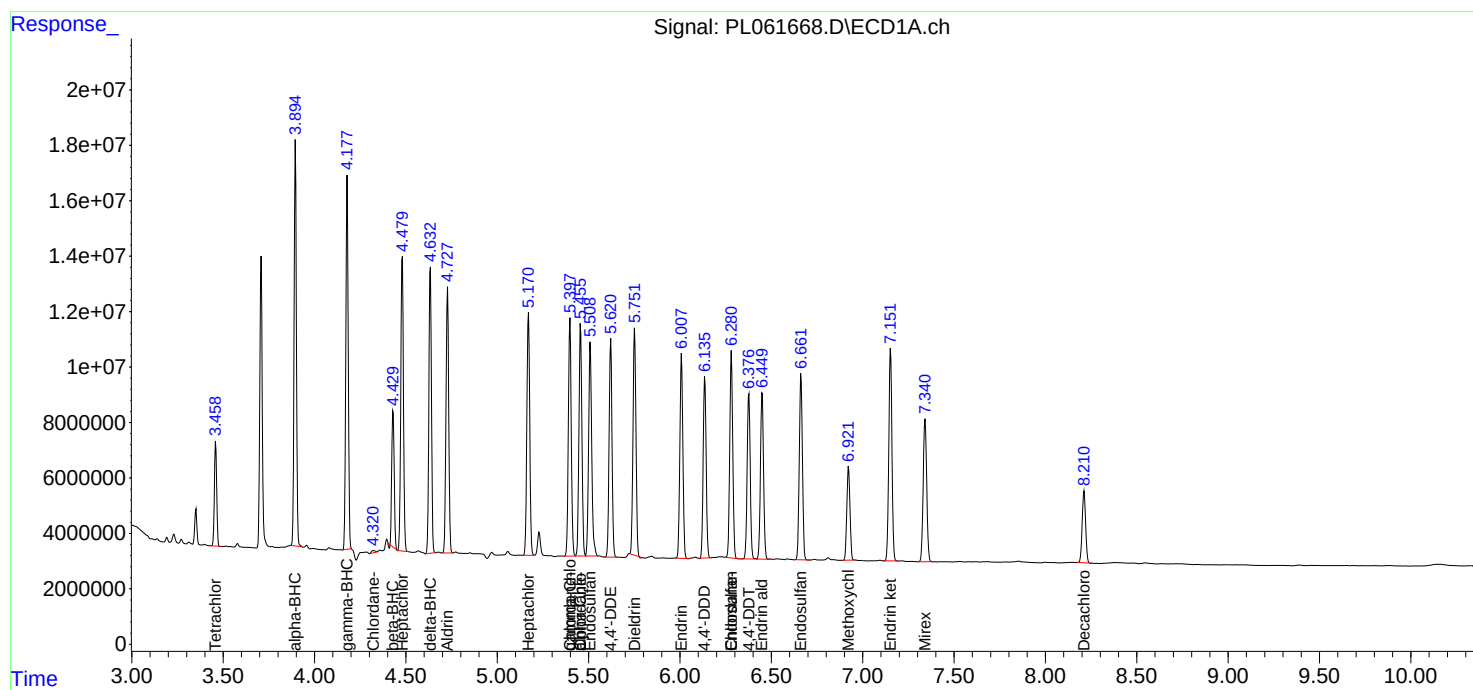
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

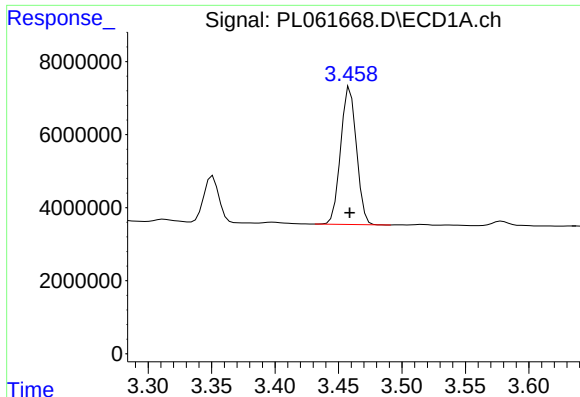
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092220\  
Data File : PL061668.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Sep 2020 18:43  
Operator : DD\AJ  
Sample : L3869-10MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 01:09:18 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

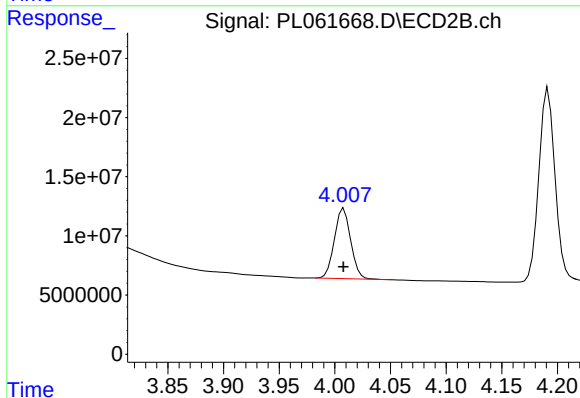




#1 Tetrachloro-m-xylene

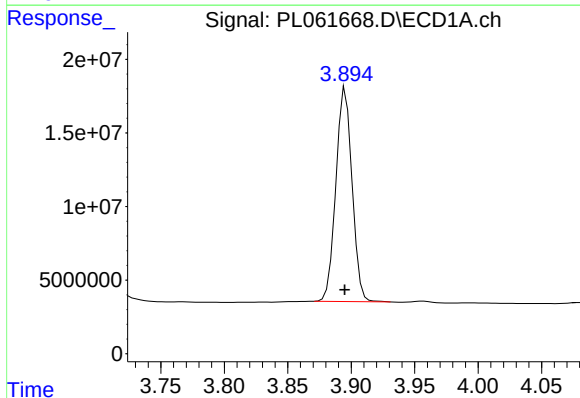
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 32577549  
Conc: 18.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



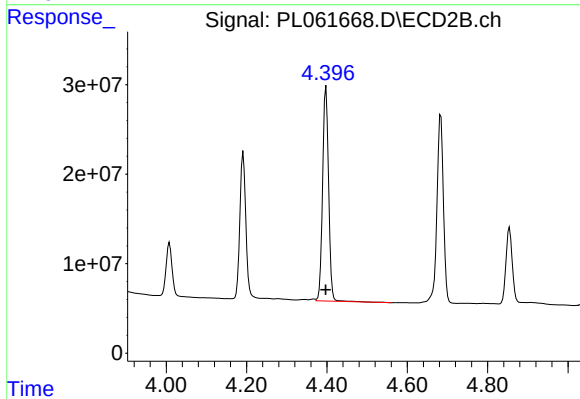
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 60570856  
Conc: 19.69 ng/ml



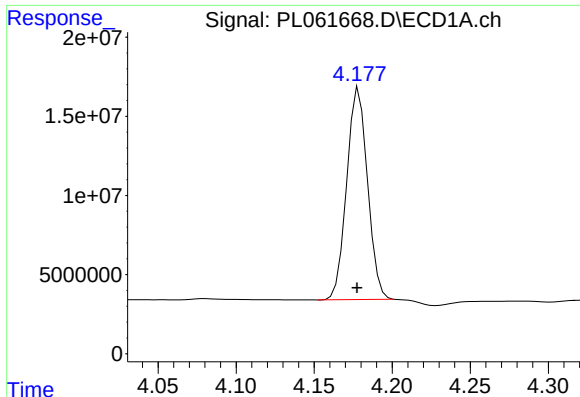
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 128993414  
Conc: 50.41 ng/ml



#2 alpha-BHC

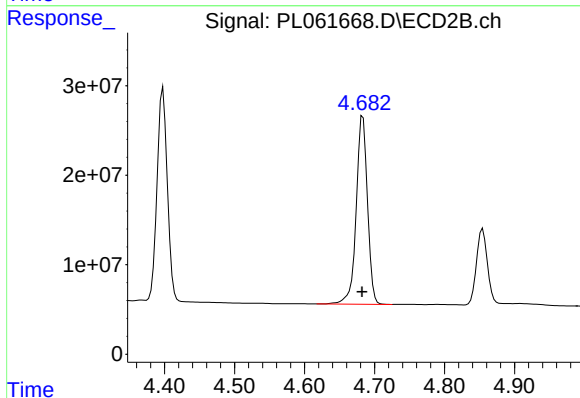
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 248405616  
Conc: 53.79 ng/ml



#3 gamma-BHC (Lindane)

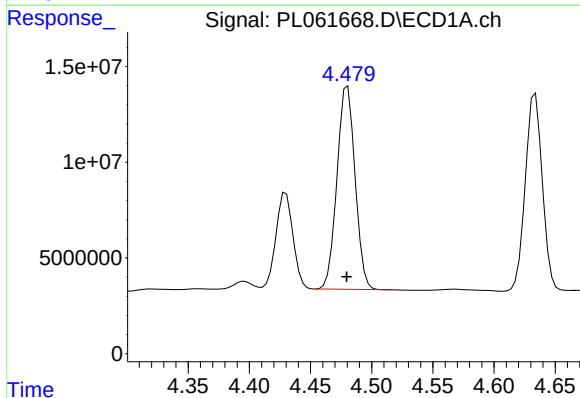
R.T.: 4.179 min  
Delta R.T.: 0.001 min  
Response: 124231055  
Conc: 54.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



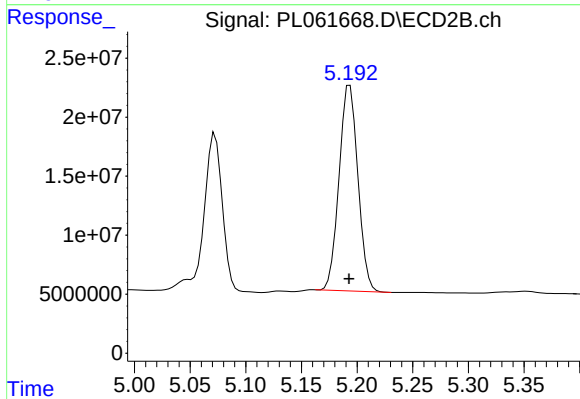
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 236251972  
Conc: 55.07 ng/ml



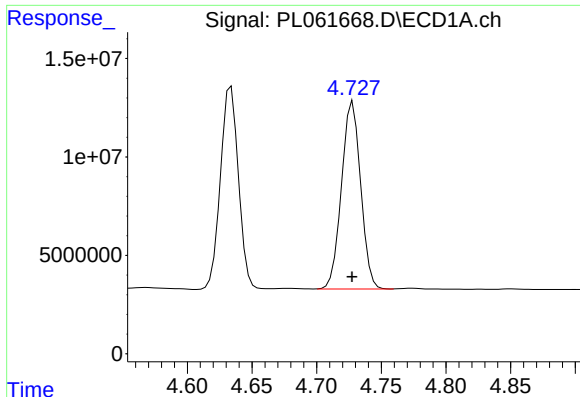
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 108894325  
Conc: 50.75 ng/ml



#4 Heptachlor

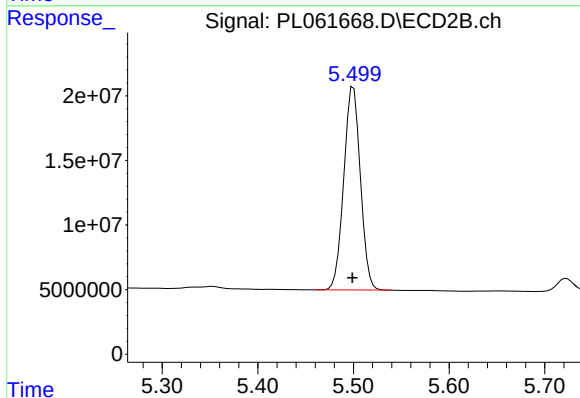
R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 205118650  
Conc: 52.47 ng/ml



#5 Aldrin

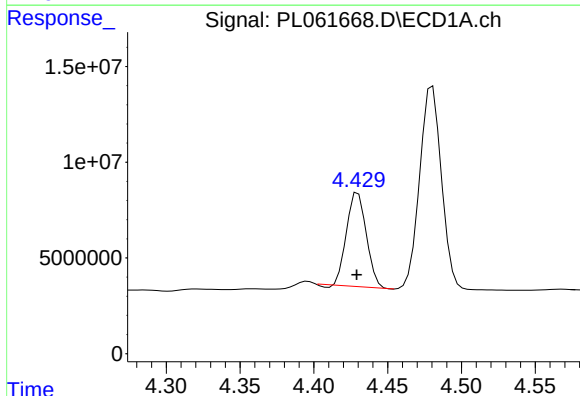
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 97940707  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



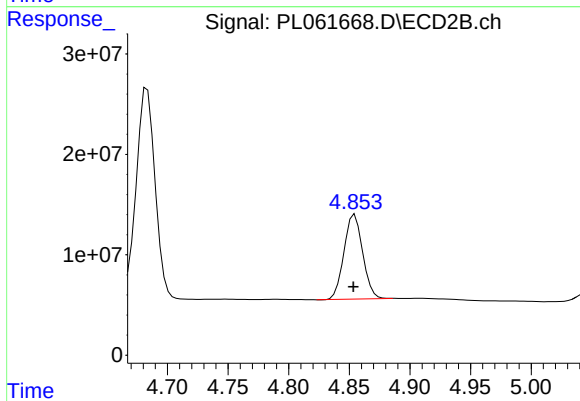
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 190841156  
Conc: 50.51 ng/ml



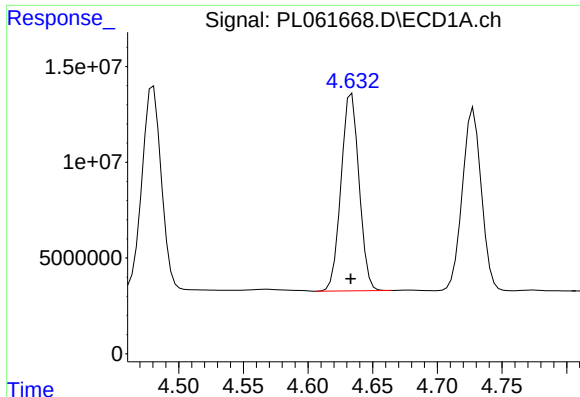
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 45515911  
Conc: 47.38 ng/ml



#6 beta-BHC

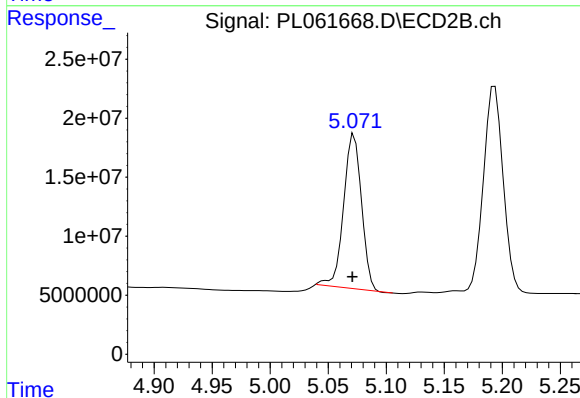
R.T.: 4.854 min  
Delta R.T.: 0.001 min  
Response: 90444605  
Conc: 51.79 ng/ml



#7 delta-BHC

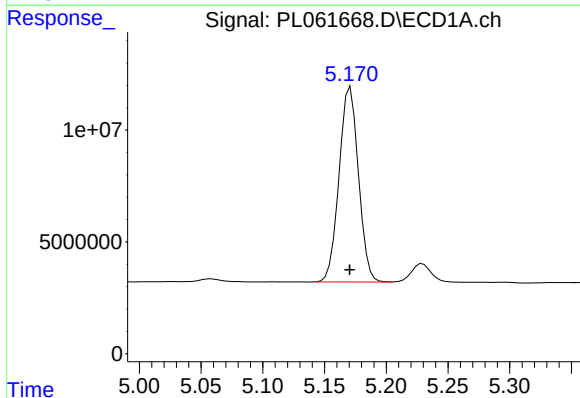
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 99563796  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



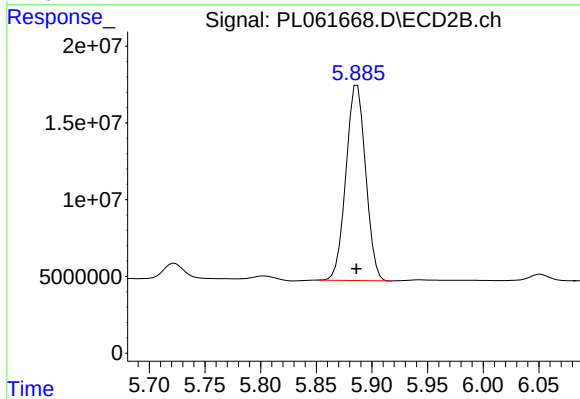
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.002 min  
Response: 139702883  
Conc: 43.80 ng/ml



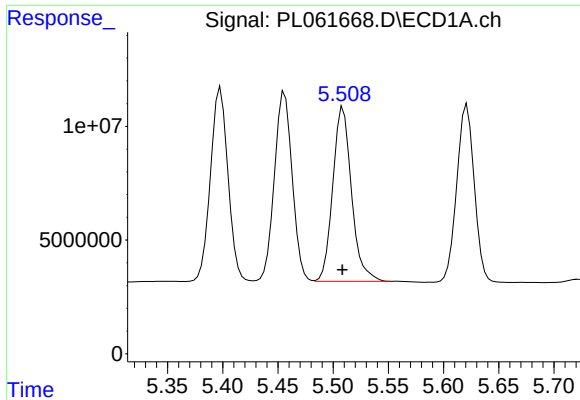
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 95154744  
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

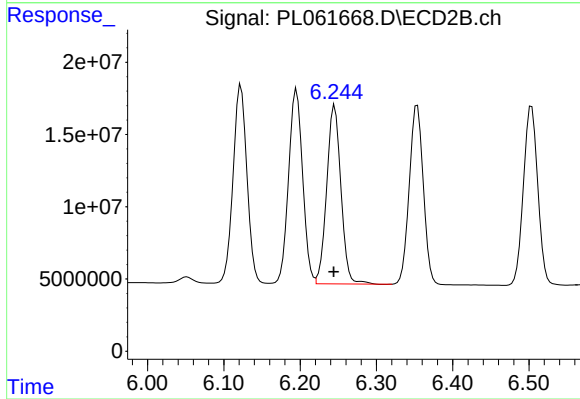
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 156643781  
Conc: 52.46 ng/ml



#9 Endosulfan I

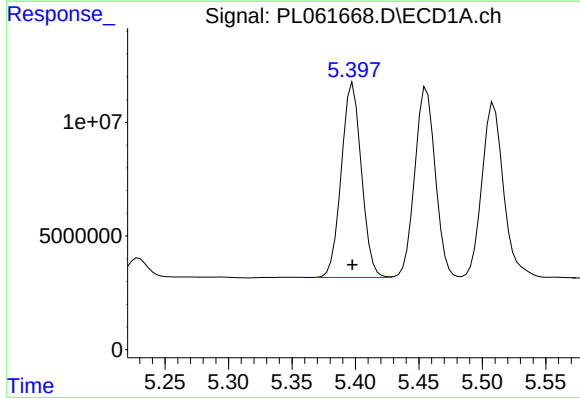
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 90583701  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



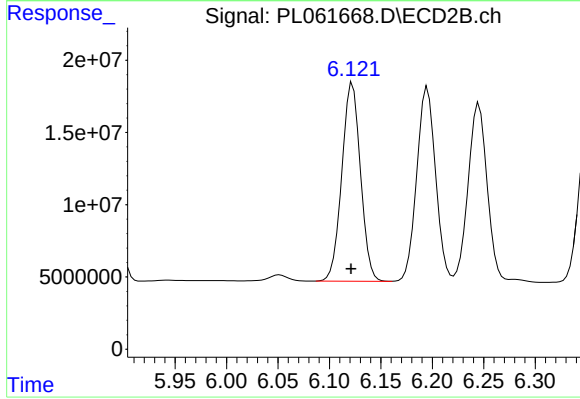
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.001 min  
Response: 160402232  
Conc: 50.00 ng/ml



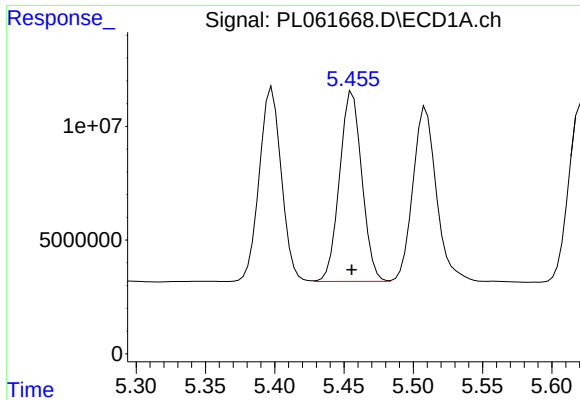
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 94124740  
Conc: 50.81 ng/ml



#10 gamma-Chlordane

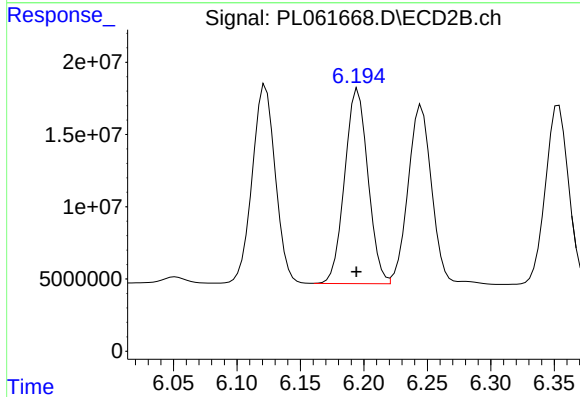
R.T.: 6.123 min  
Delta R.T.: 0.001 min  
Response: 173424507  
Conc: 50.31 ng/ml



#11 alpha-Chlordane

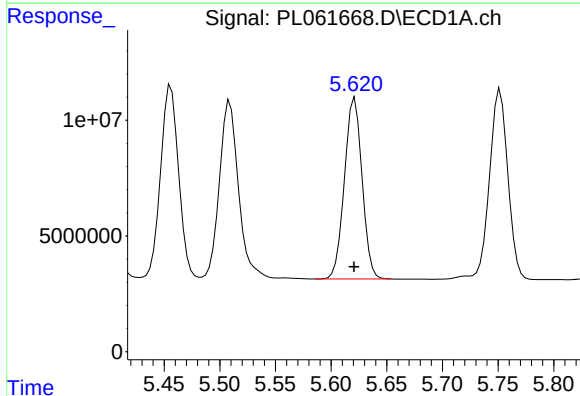
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 93737240  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



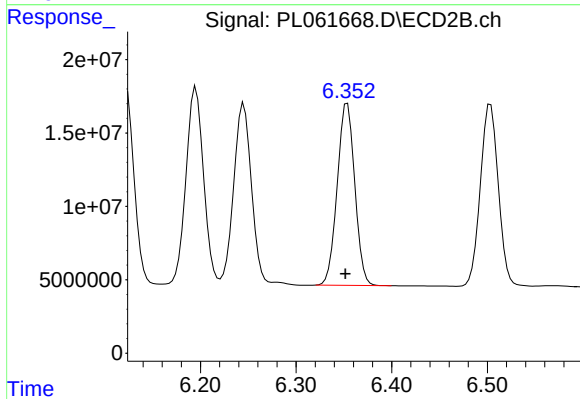
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.001 min  
Response: 171927233  
Conc: 49.40 ng/ml



#12 4,4'-DDE

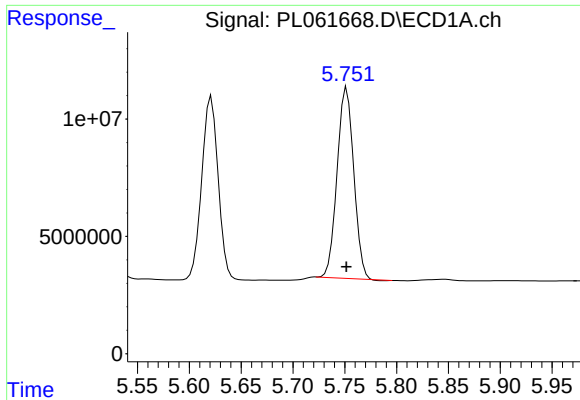
R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 86310697  
Conc: 50.76 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min  
Delta R.T.: 0.002 min  
Response: 158324116  
Conc: 49.39 ng/ml

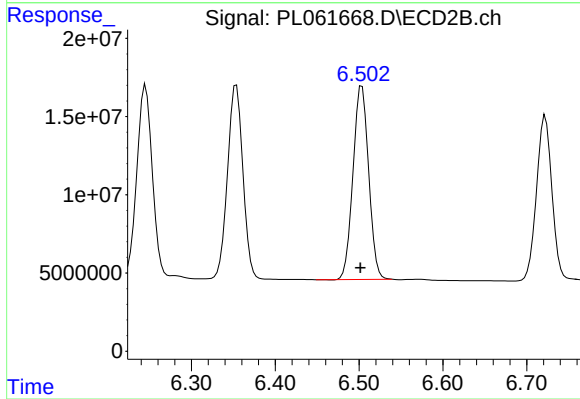




#13 Dieldrin

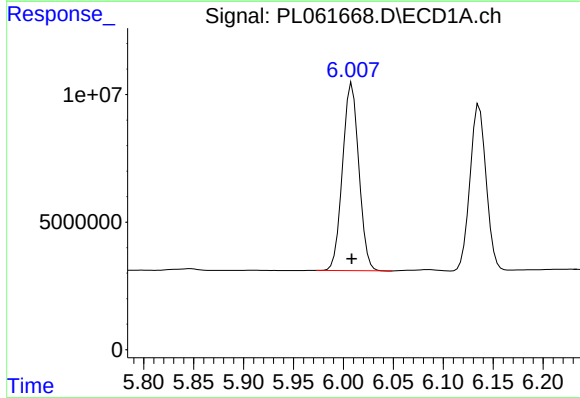
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 90697578  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



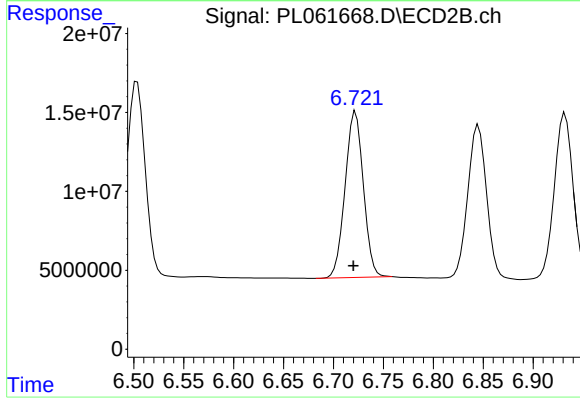
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: 0.002 min  
Response: 160709469  
Conc: 49.02 ng/ml



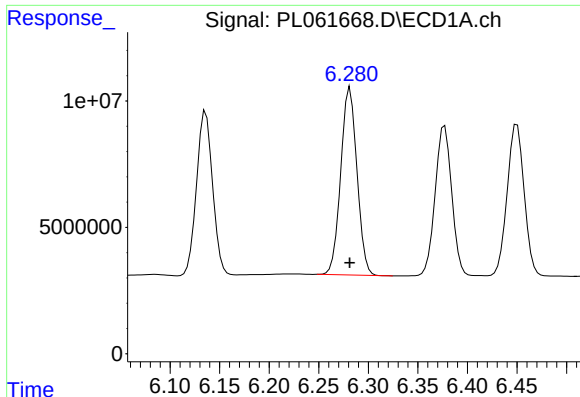
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 83542005  
Conc: 49.71 ng/ml



#14 Endrin

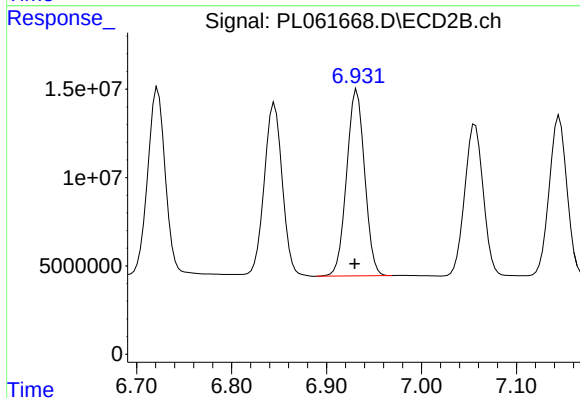
R.T.: 6.722 min  
Delta R.T.: 0.002 min  
Response: 134027354  
Conc: 47.93 ng/ml



#15 Endosulfan II

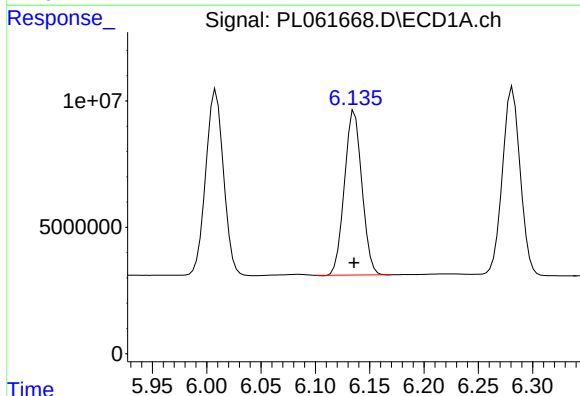
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 84383502  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



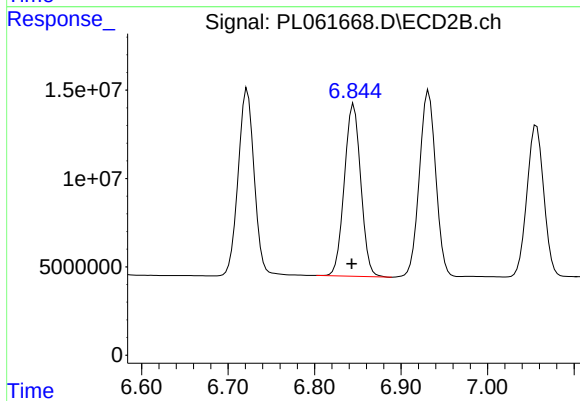
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: 0.002 min  
Response: 138857179  
Conc: 47.01 ng/ml



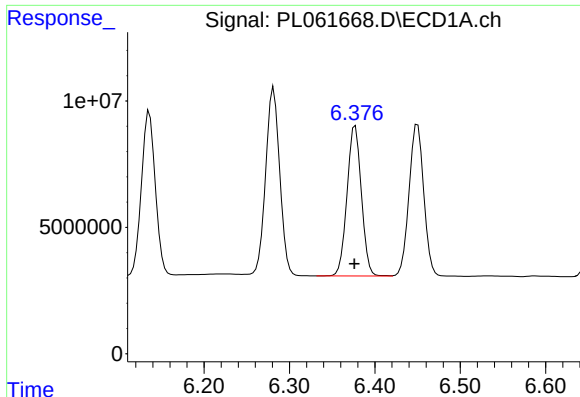
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 72694604  
Conc: 50.30 ng/ml



#16 4,4'-DDD

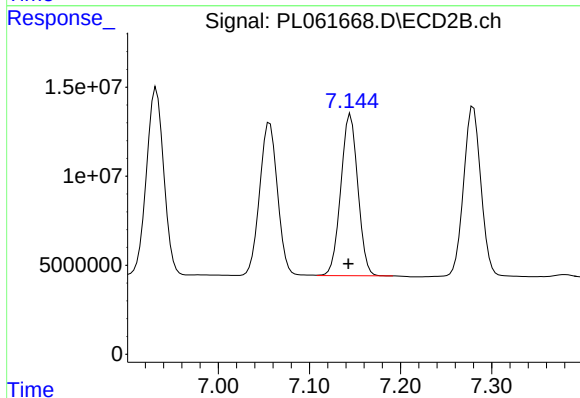
R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 128043450  
Conc: 49.86 ng/ml



#17 4,4'-DDT

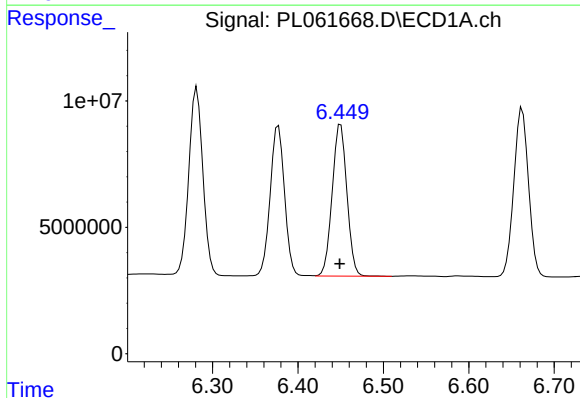
R.T.: 6.377 min  
Delta R.T.: 0.001 min  
Response: 69419956  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



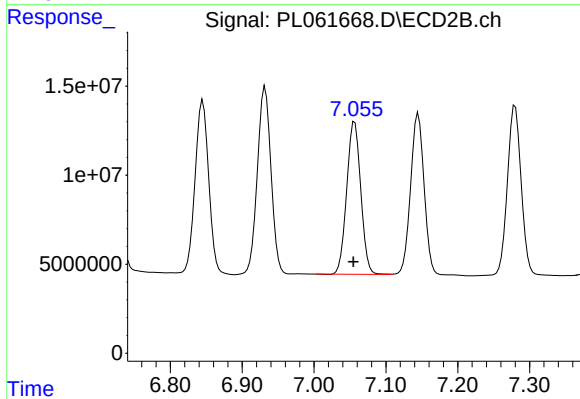
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: 0.002 min  
Response: 118005438  
Conc: 47.14 ng/ml



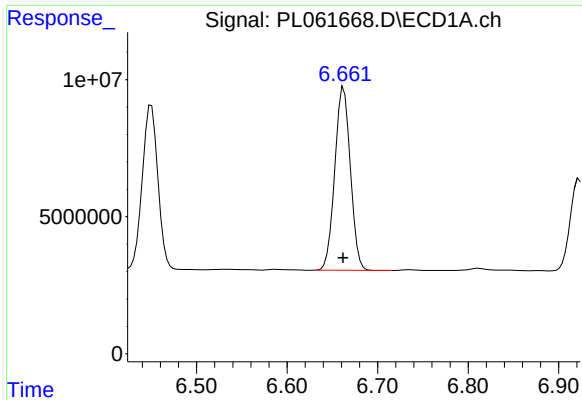
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.001 min  
Response: 71996550  
Conc: 48.91 ng/ml



#18 Endrin aldehyde

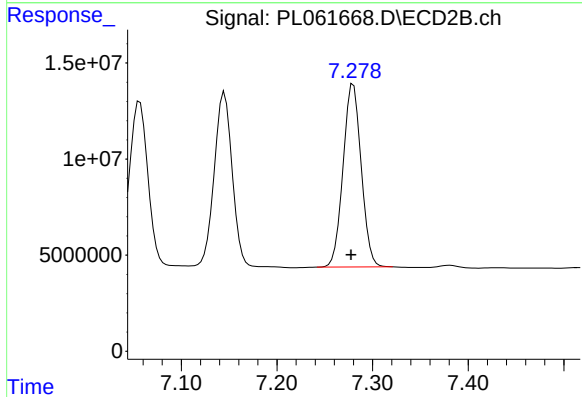
R.T.: 7.057 min  
Delta R.T.: 0.002 min  
Response: 116606014  
Conc: 47.66 ng/ml



#19 Endosulfan Sulfate

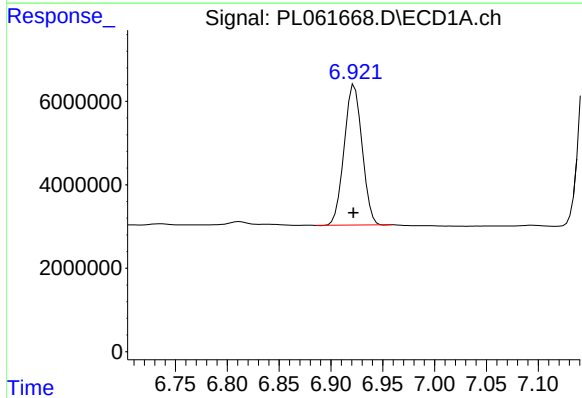
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 79932360  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



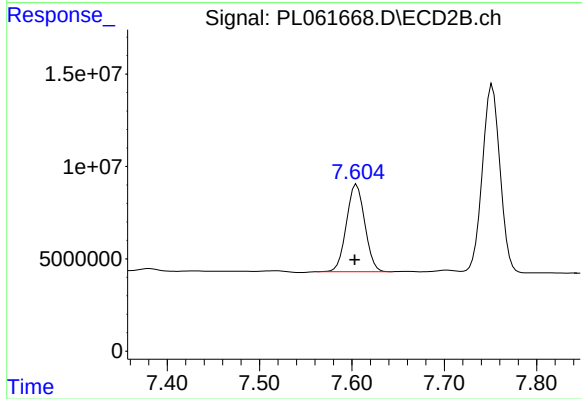
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: 0.002 min  
Response: 125902417  
Conc: 46.02 ng/ml



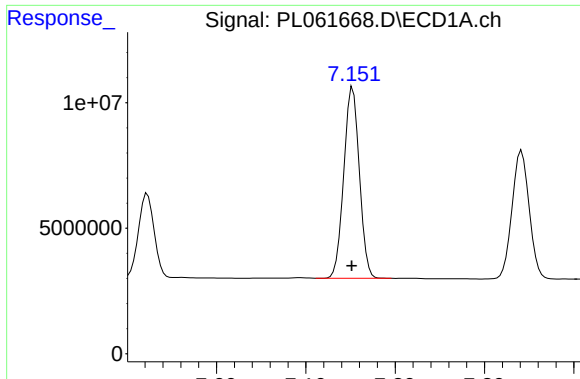
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 40490385  
Conc: 47.30 ng/ml



#20 Methoxychlor

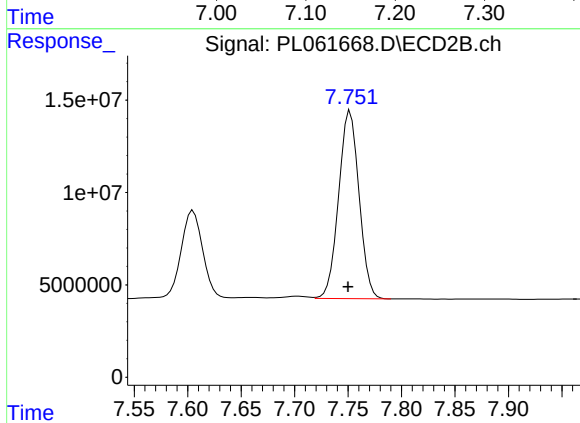
R.T.: 7.605 min  
Delta R.T.: 0.002 min  
Response: 65288926  
Conc: 45.39 ng/ml



#21 Endrin ketone

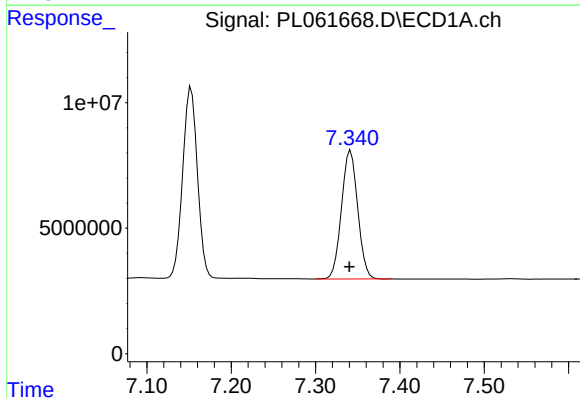
R.T.: 7.153 min  
Delta R.T.: 0.001 min  
Response: 92286343  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



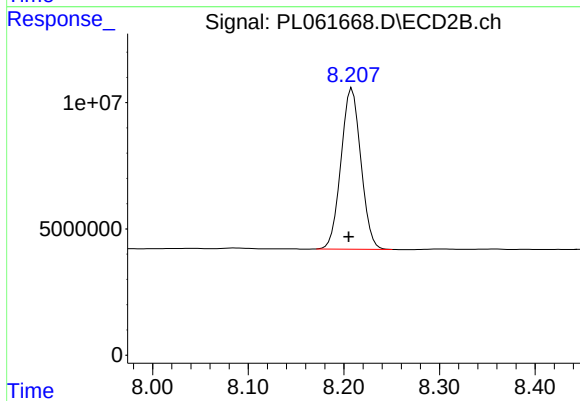
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: 0.002 min  
Response: 135001256  
Conc: 49.73 ng/ml



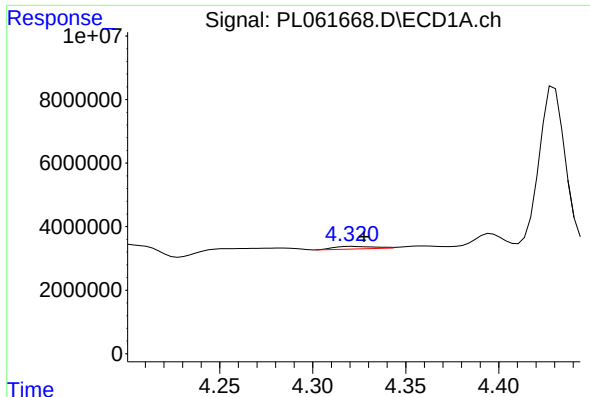
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: 0.001 min  
Response: 68345164  
Conc: 45.71 ng/ml



#22 Mirex

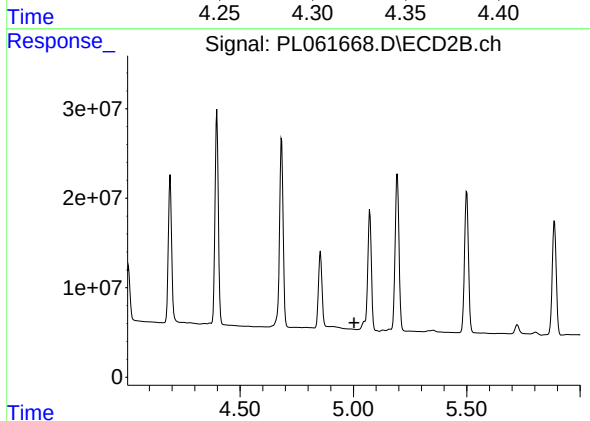
R.T.: 8.209 min  
Delta R.T.: 0.003 min  
Response: 92230157  
Conc: 47.90 ng/ml



#23 Chlordane-1

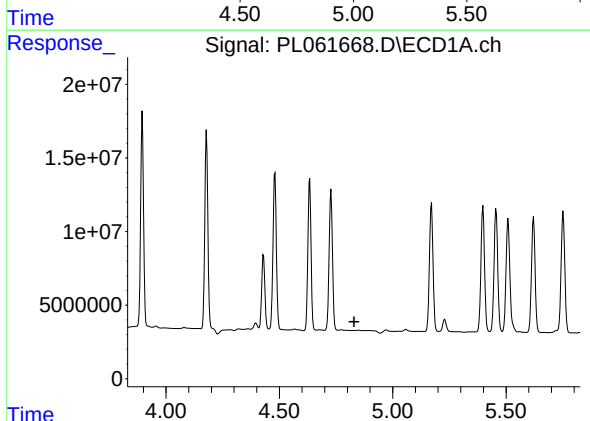
R.T.: 4.321 min  
Delta R.T.: -0.006 min  
Response: 1189183  
Conc: 22.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



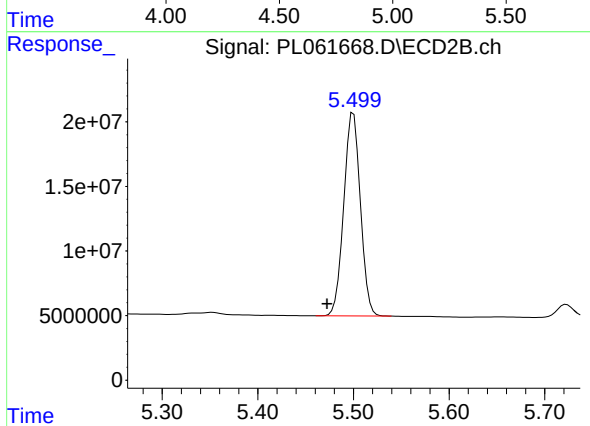
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.004 min  
Response: 0  
Conc: N.D.



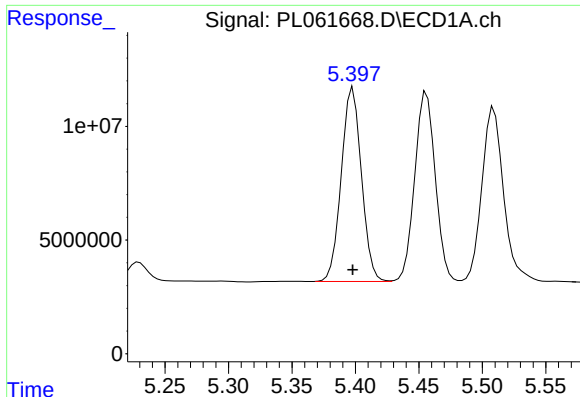
#24 Chlordane-2

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



#24 Chlordane-2

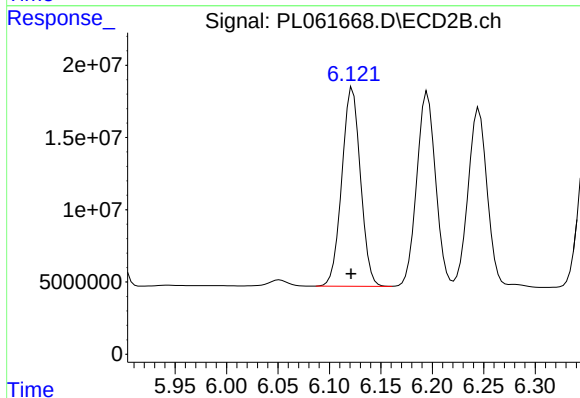
R.T.: 5.500 min  
Delta R.T.: 0.028 min  
Response: 190841156  
Conc: 1562.52 ng/ml



#25 Chlordane-3

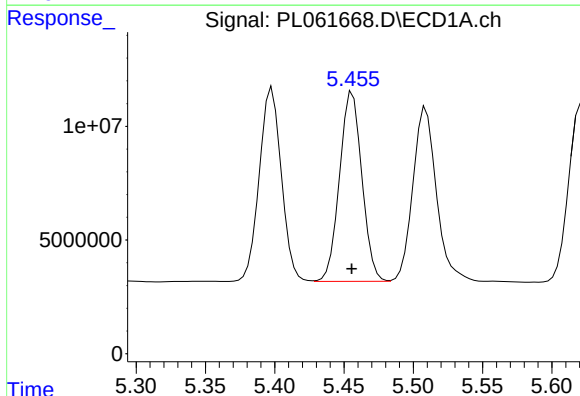
R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 94124740  
Conc: 567.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



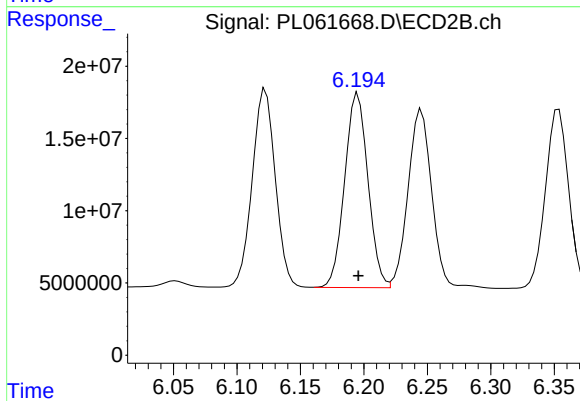
#25 Chlordane-3

R.T.: 6.123 min  
Delta R.T.: 0.001 min  
Response: 173424507  
Conc: 401.47 ng/ml



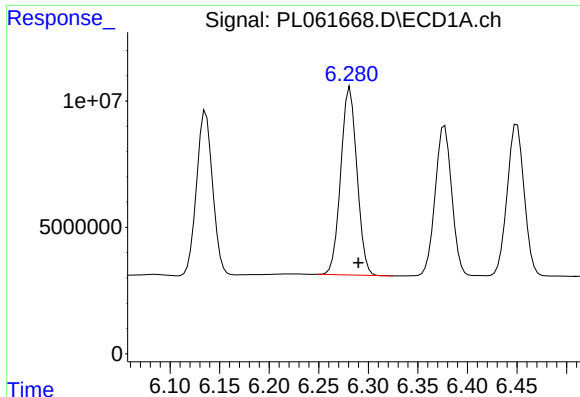
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 93737240  
Conc: 681.00 ng/ml



#26 Chlordane-4

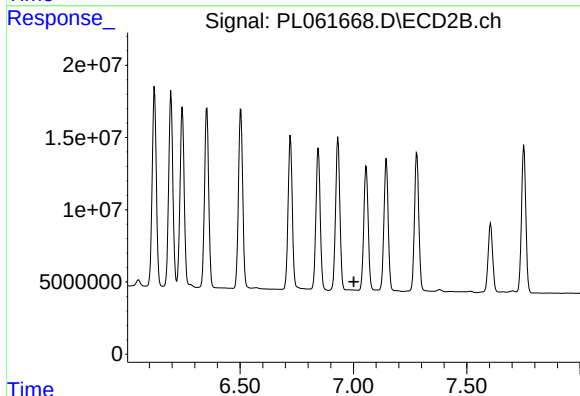
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 171927233  
Conc: 328.44 ng/ml



#27 Chlordane-5

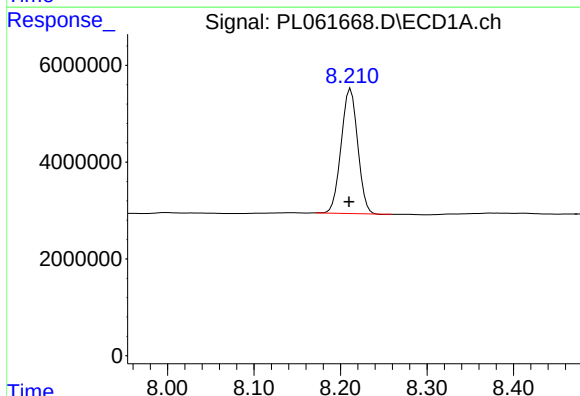
R.T.: 6.282 min  
Delta R.T.: -0.009 min  
Response: 84383502  
Conc: 1501.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



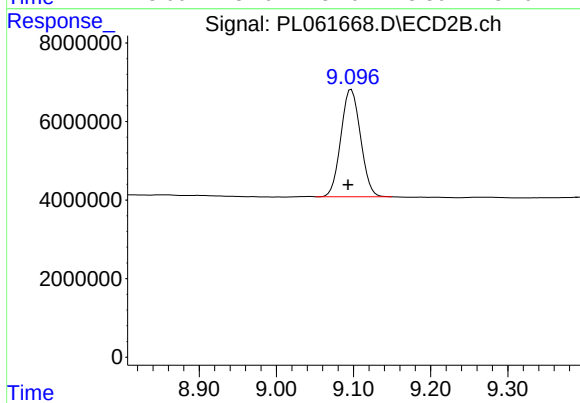
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.212 min  
Delta R.T.: 0.002 min  
Response: 33926507  
Conc: 20.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: 0.004 min  
Response: 48200973  
Conc: 20.38 ng/ml