

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092420\  
 Data File : PL061778.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2020 17:03  
 Operator : DD\AJ  
 Sample : PB131883BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB131883BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 01:54:09 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  | 32387045 | 49406346 | 18.985   | 18.109     |
| 28)                         | SA Decachlor... | 8.209 | 9.095  | 33634600 | 48776747 | 20.676   | 22.157     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.397  | 124.0E6  | 195.8E6  | 50.870   | 49.011     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682  | 111.1E6  | 178.3E6  | 50.780   | 48.172     |
| 4)                          | MA Heptachlor   | 4.478 | 5.193  | 105.4E6  | 176.3E6  | 51.627   | 50.916     |
| 5)                          | MB Aldrin       | 4.726 | 5.499  | 94275735 | 160.6E6  | 52.250   | 49.571     |
| 6)                          | B beta-BHC      | 4.428 | 4.854  | 49072716 | 78289629 | 53.730   | 51.849     |
| 7)                          | B delta-BHC     | 4.631 | 5.071  | 106.8E6  | 151.8E6  | 52.097   | 59.593     |
| 8)                          | B Heptachlo...  | 5.169 | 5.886  | 91553008 | 134.6E6  | 52.440   | 54.321     |
| 9)                          | A Endosulfan I  | 5.507 | 6.245  | 85403782 | 138.8E6  | 52.704   | 50.246     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.121  | 91365732 | 144.9E6  | 52.610   | 49.334     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.194  | 89941033 | 145.8E6  | 51.778   | 48.538     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352  | 83268875 | 139.9E6  | 52.981   | 51.265     |
| 13)                         | MA Dieldrin     | 5.750 | 6.502  | 89636587 | 145.3E6  | 53.295   | 51.201     |
| 14)                         | MA Endrin       | 6.007 | 6.721  | 77731049 | 115.9E6  | 48.851   | 47.513     |
| 15)                         | B Endosulfa...  | 6.280 | 6.931  | 80298951 | 123.1E6  | 49.665   | 47.632     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.844  | 71332011 | 113.7E6  | 53.875   | 51.162     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.143  | 67657356 | 110.4E6  | 53.633   | 50.400     |
| 18)                         | B Endrin al...  | 6.448 | 7.055  | 71558858 | 109.9E6  | 50.888   | 51.354     |
| 19)                         | B Endosulfa...  | 6.660 | 7.278  | 84468073 | 124.9E6  | 54.600   | 53.336     |
| 20)                         | A Methoxychlor  | 6.921 | 7.604  | 42252911 | 63220681 | 52.260   | 50.176     |
| 21)                         | B Endrin ke...  | 7.150 | 7.751  | 97845173 | 129.5E6  | 57.253   | 55.168     |
| 22)                         | Mirex           | 7.339 | 8.206  | 71499401 | 94623304 | 51.001   | 53.704     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 160.6E6  | N.D.     | 1560.511 # |
| 25)                         | Chlordane-3     | 5.396 | 6.121  | 91365732 | 144.9E6  | 581.274  | 395.363 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.194  | 89941033 | 145.8E6  | 689.354  | 324.749 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 80298951 | 0        | 1472.663 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

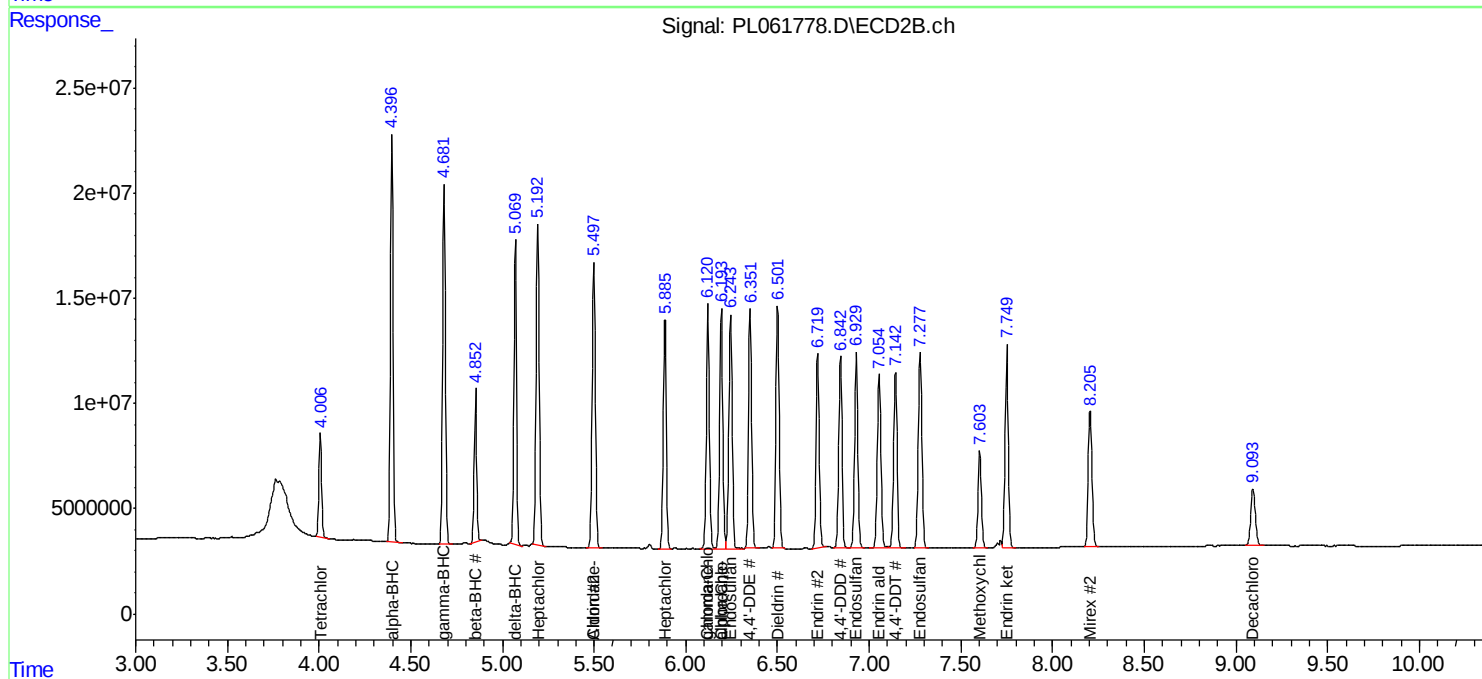
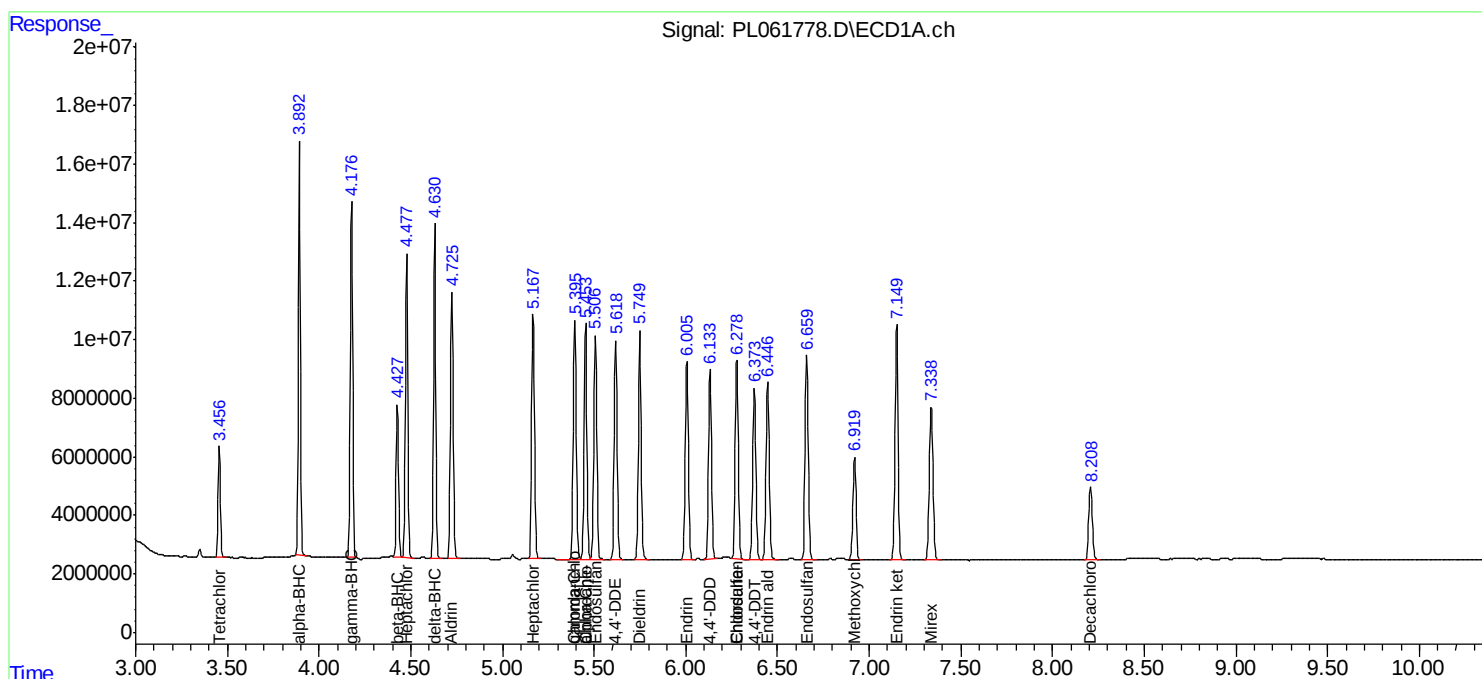
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

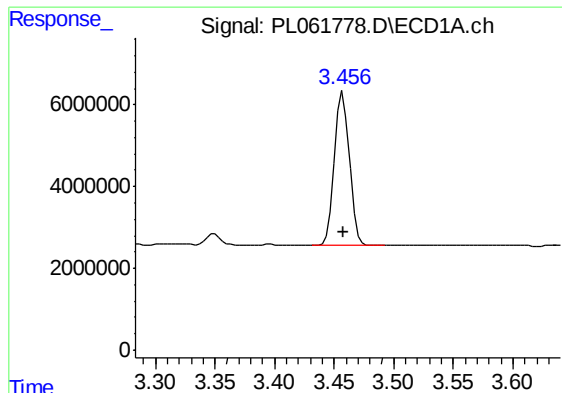
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092420\  
Data File : PL061778.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2020 17:03  
Operator : DD\AJ  
Sample : PB131883BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:54:09 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

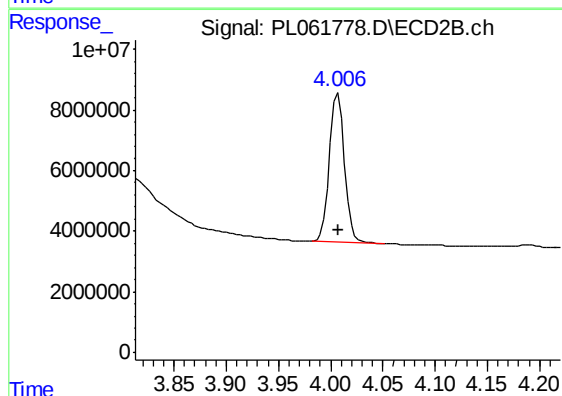




#1 Tetrachloro-m-xylene

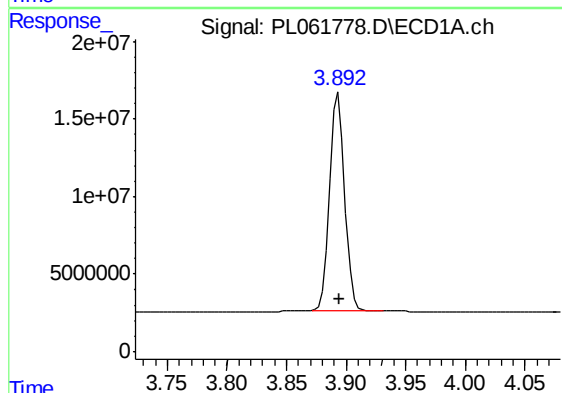
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 32387045  
Conc: 18.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



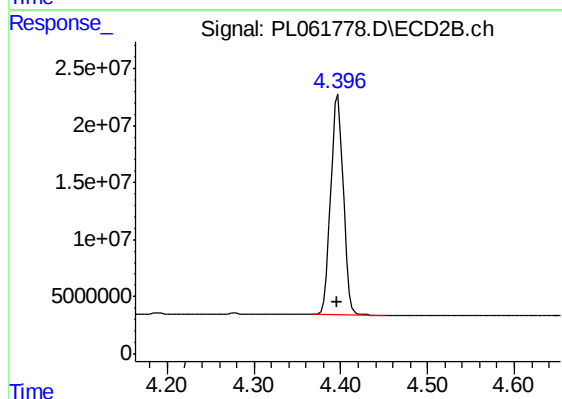
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 49406346  
Conc: 18.11 ng/ml



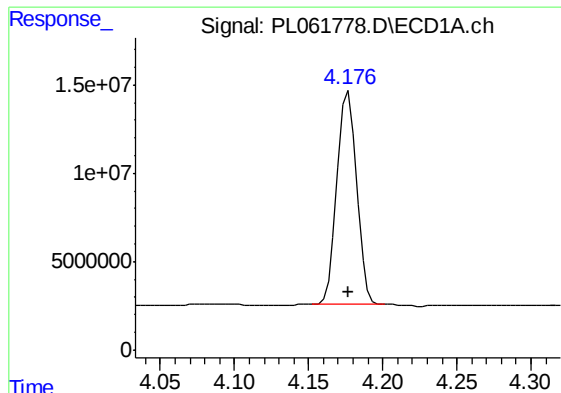
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 123991337  
Conc: 50.87 ng/ml



#2 alpha-BHC

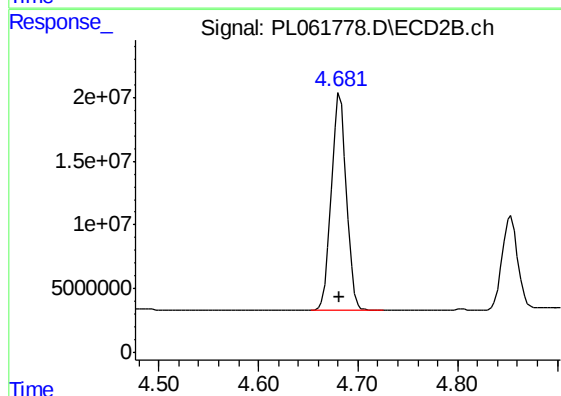
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 195765234  
Conc: 49.01 ng/ml



#3 gamma-BHC (Lindane)

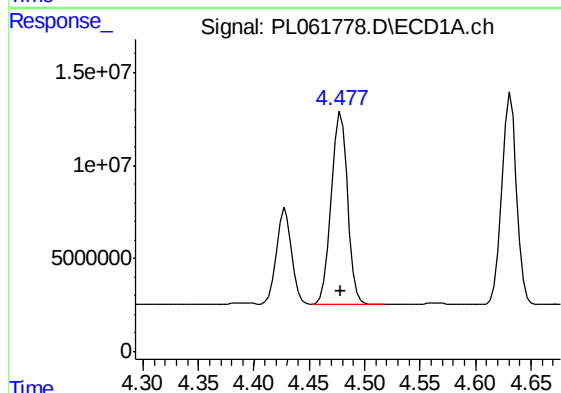
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 111067684  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



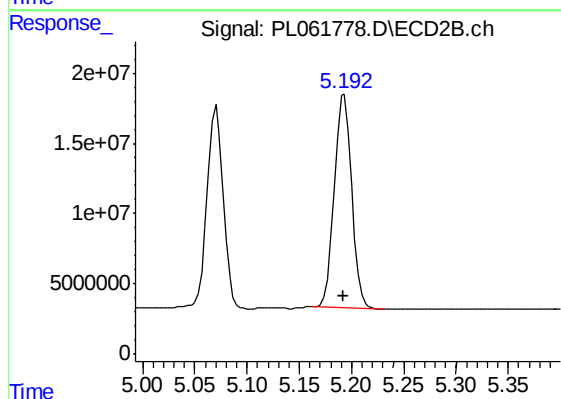
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 178329188  
Conc: 48.17 ng/ml



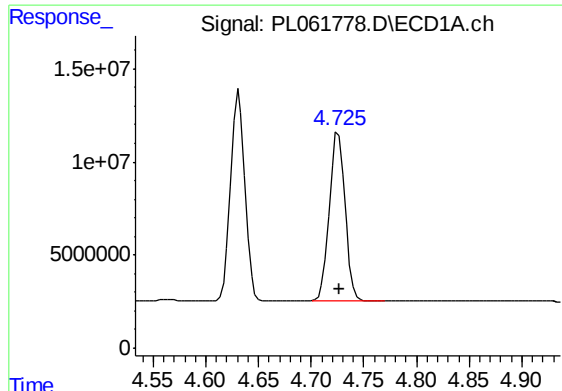
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 105354041  
Conc: 51.63 ng/ml



#4 Heptachlor

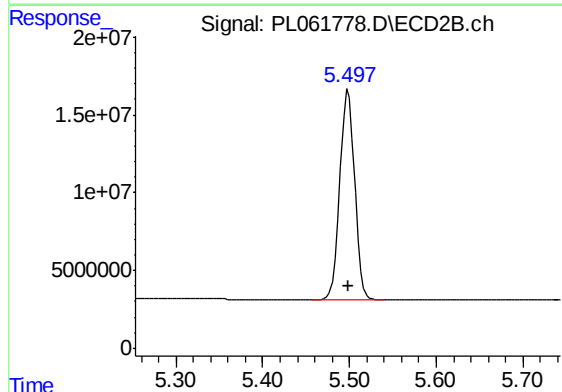
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 176314502  
Conc: 50.92 ng/ml



#5 Aldrin

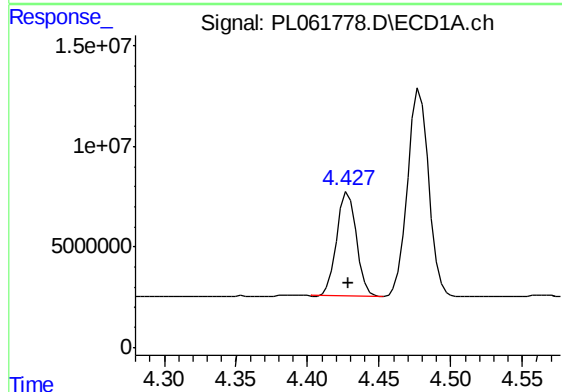
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 94275735  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



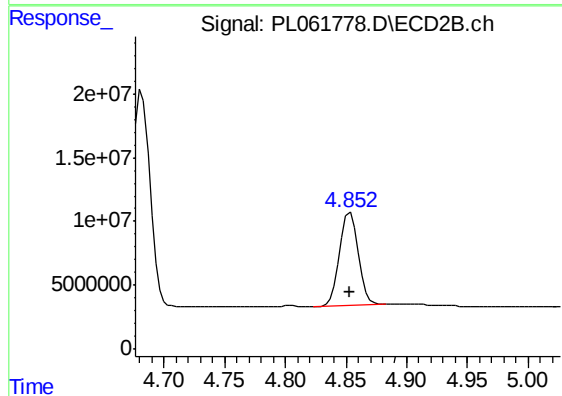
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 160584162  
Conc: 49.57 ng/ml



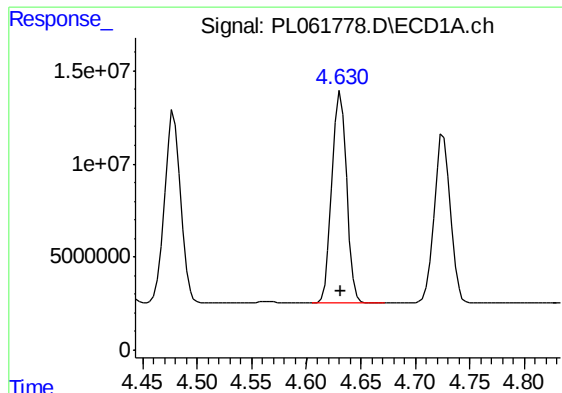
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 49072716  
Conc: 53.73 ng/ml



#6 beta-BHC

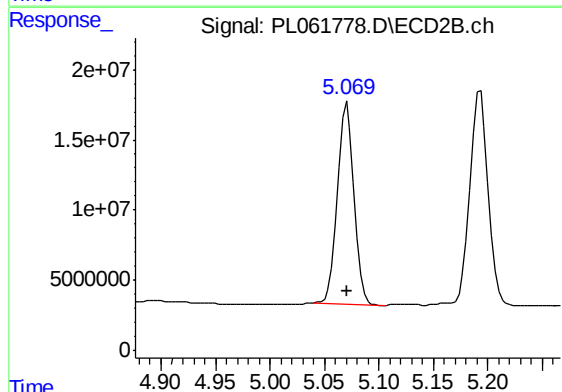
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 78289629  
Conc: 51.85 ng/ml



#7 delta-BHC

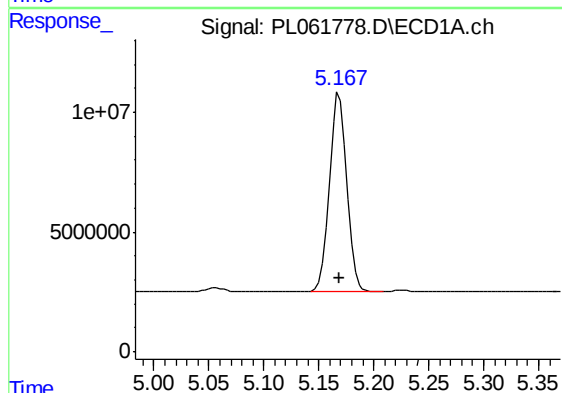
R.T.: 4.631 min  
Delta R.T.: 0.000 min  
Response: 106810038  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



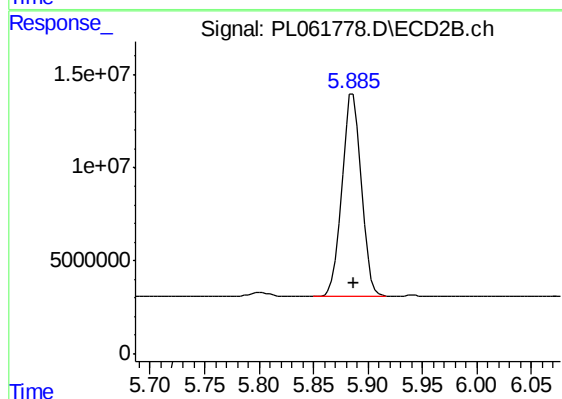
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 151848242  
Conc: 59.59 ng/ml



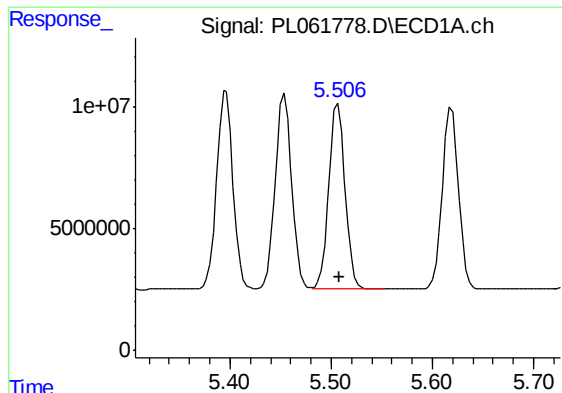
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 91553008  
Conc: 52.44 ng/ml



#8 Heptachlor epoxide

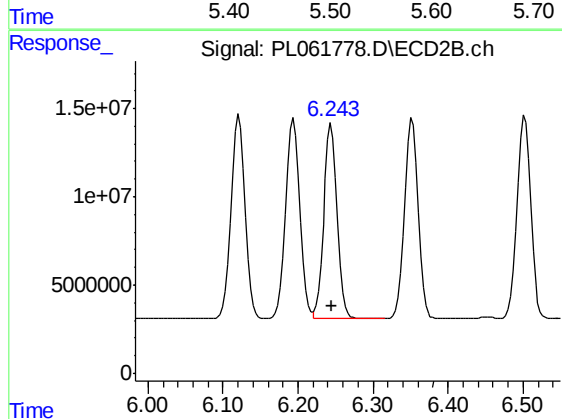
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 134627214  
Conc: 54.32 ng/ml



#9 Endosulfan I

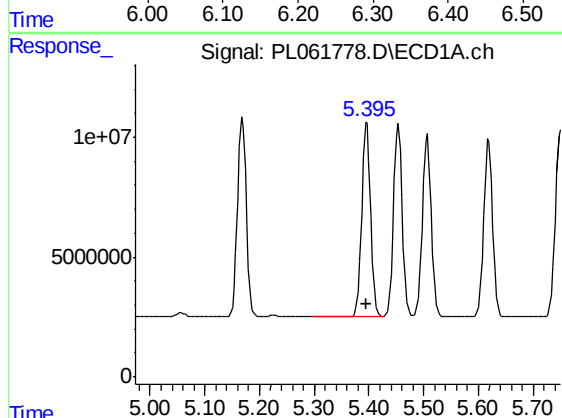
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 85403782  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



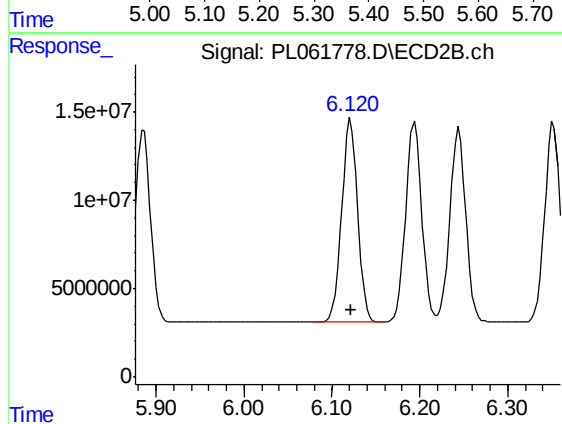
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 138805390  
Conc: 50.25 ng/ml



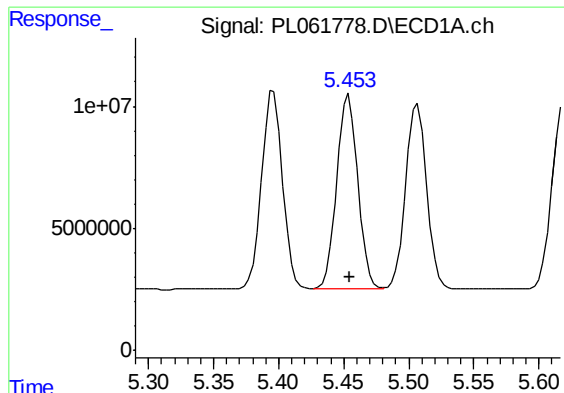
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 91365732  
Conc: 52.61 ng/ml



#10 gamma-Chlordane

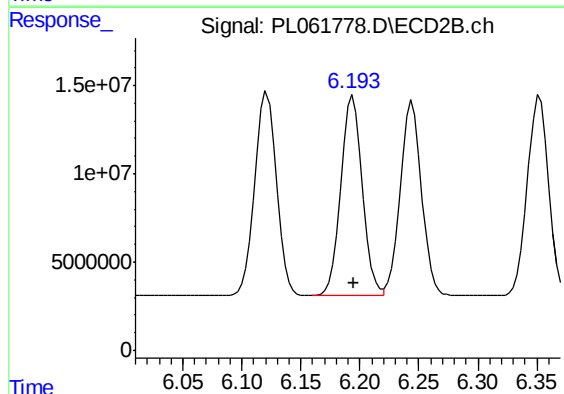
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 144875713  
Conc: 49.33 ng/ml



#11 alpha-Chlordane

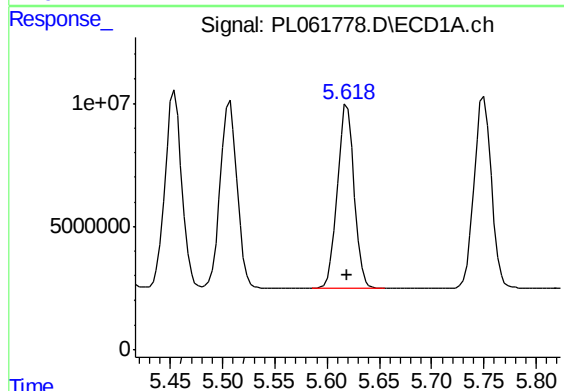
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 89941033  
Conc: 51.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



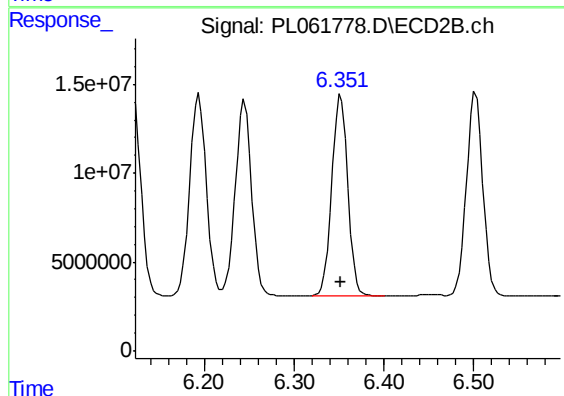
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 145785090  
Conc: 48.54 ng/ml



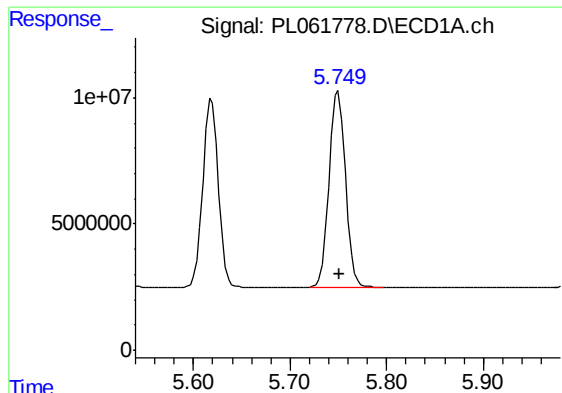
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 83268875  
Conc: 52.98 ng/ml



#12 4,4'-DDE

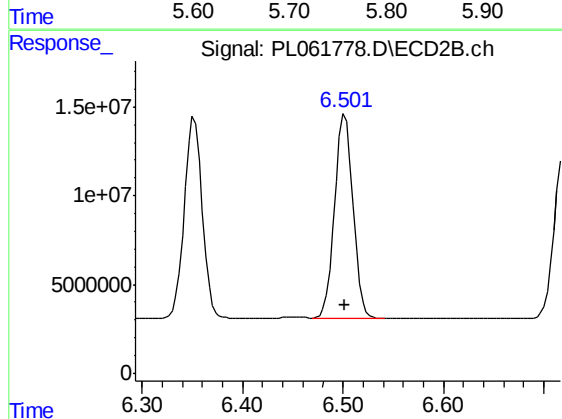
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 139943686  
Conc: 51.27 ng/ml



#13 Dielldrin

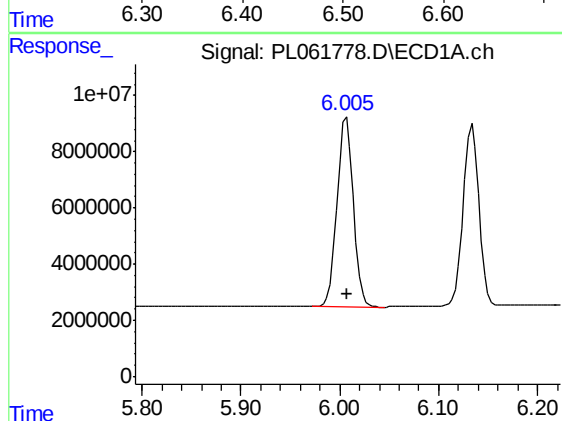
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 89636587  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



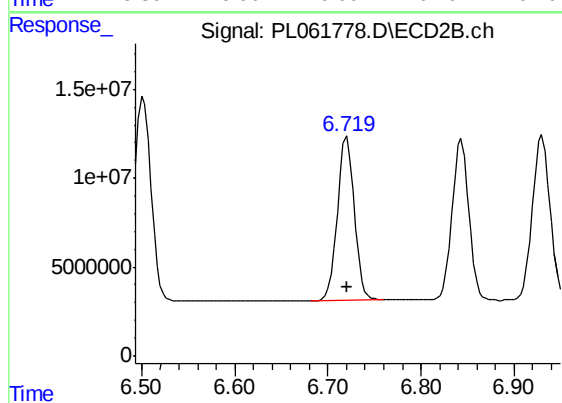
#13 Dielldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 145253583  
Conc: 51.20 ng/ml



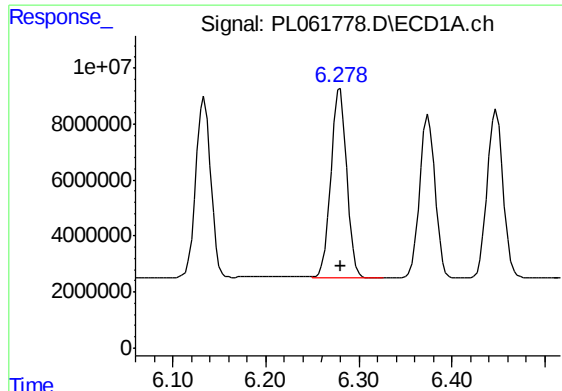
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 77731049  
Conc: 48.85 ng/ml



#14 Endrin

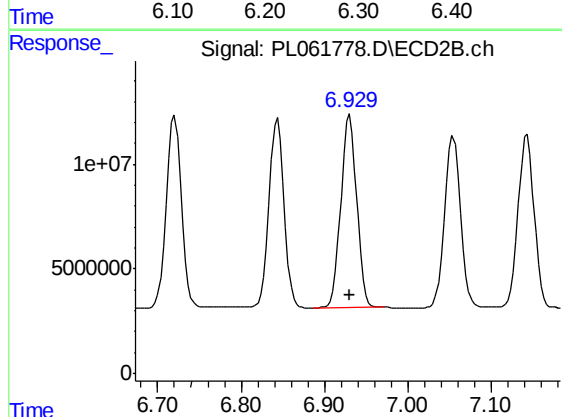
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 115911269  
Conc: 47.51 ng/ml



#15 Endosulfan II

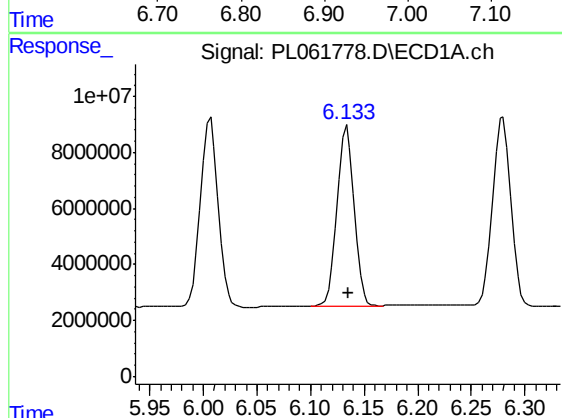
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 80298951  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



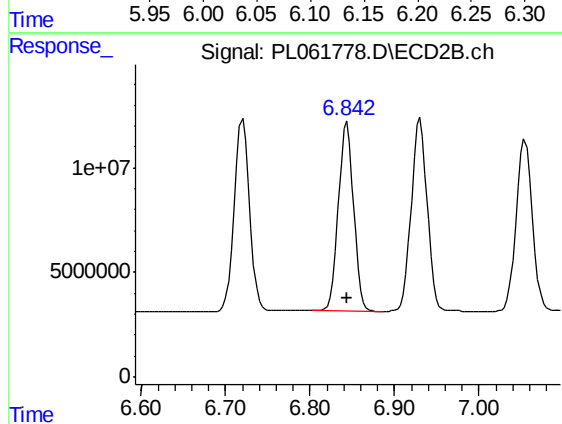
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 123114914  
Conc: 47.63 ng/ml



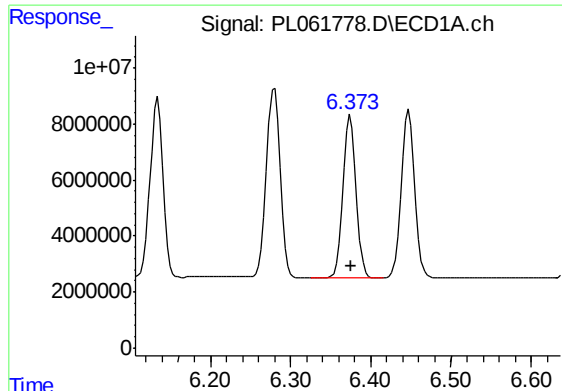
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.001 min  
Response: 71332011  
Conc: 53.88 ng/ml



#16 4,4'-DDD

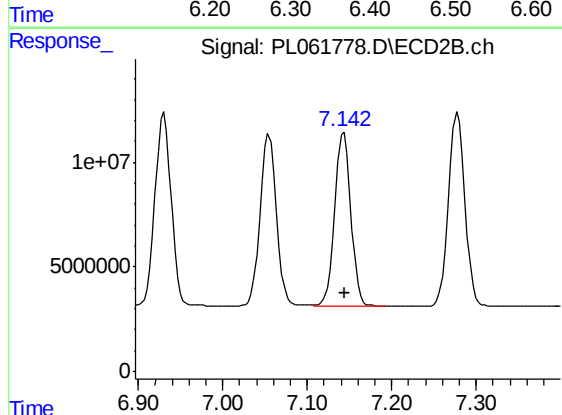
R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 113737121  
Conc: 51.16 ng/ml



#17 4,4'-DDT

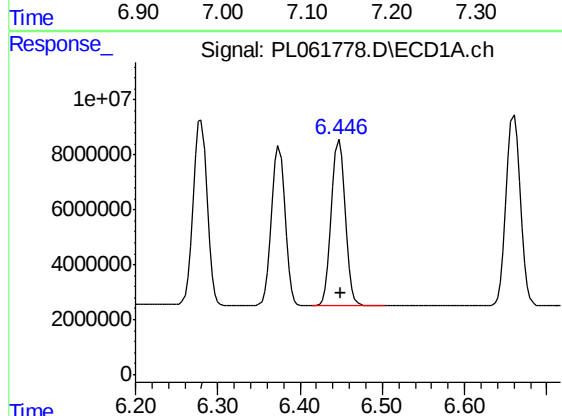
R.T.: 6.375 min  
Delta R.T.: -0.002 min  
Response: 67657356  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



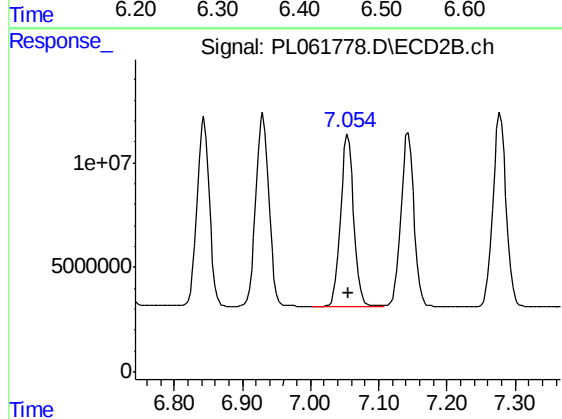
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 110365663  
Conc: 50.40 ng/ml



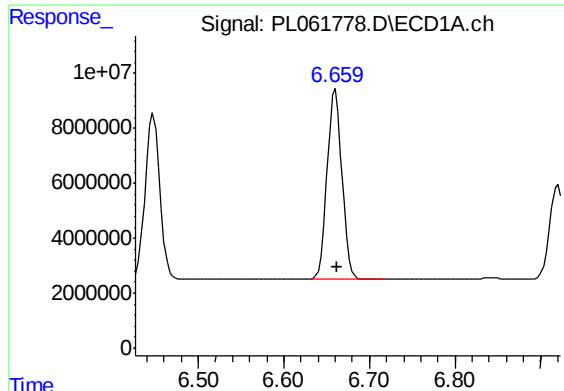
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 71558858  
Conc: 50.89 ng/ml



#18 Endrin aldehyde

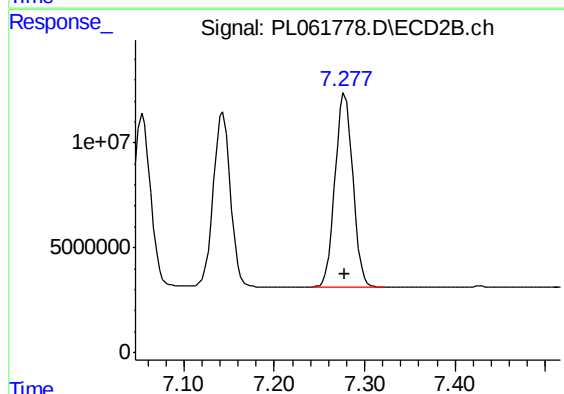
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 109920287  
Conc: 51.35 ng/ml



#19 Endosulfan Sulfate

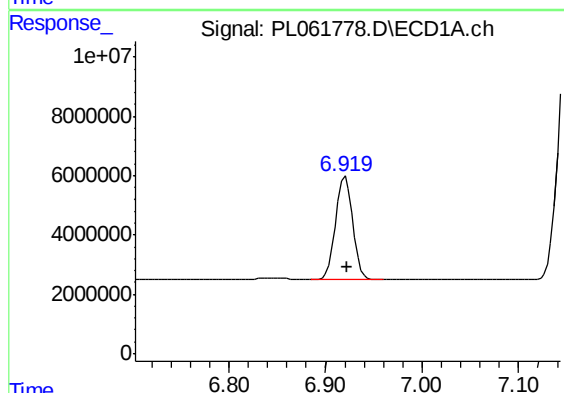
R.T.: 6.660 min  
Delta R.T.: -0.002 min  
Response: 84468073  
Conc: 54.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



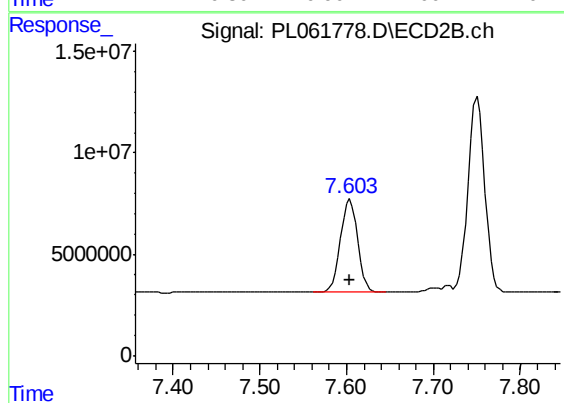
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 124891122  
Conc: 53.34 ng/ml



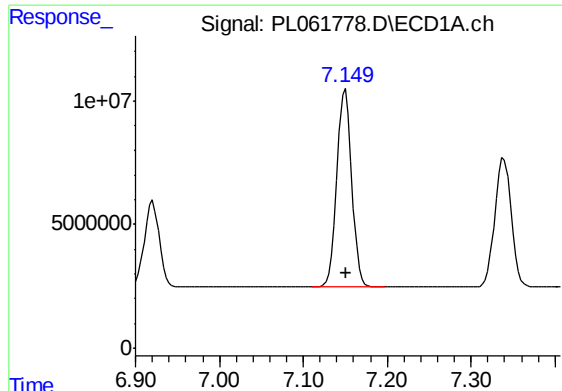
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 42252911  
Conc: 52.26 ng/ml



#20 Methoxychlor

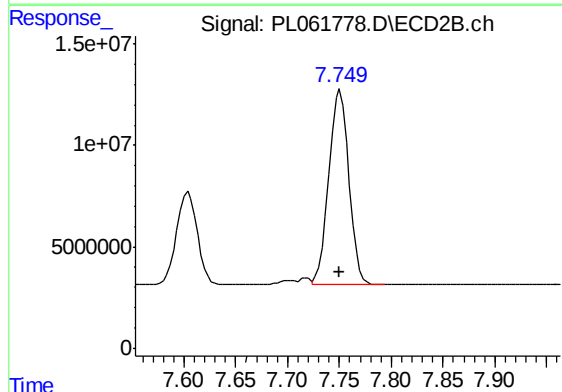
R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 63220681  
Conc: 50.18 ng/ml



#21 Endrin ketone

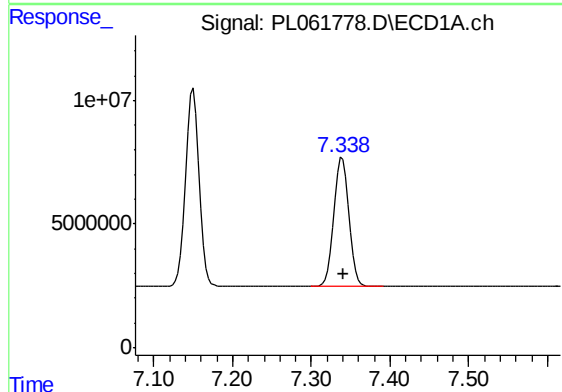
R.T.: 7.150 min  
Delta R.T.: -0.001 min  
Response: 97845173  
Conc: 57.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



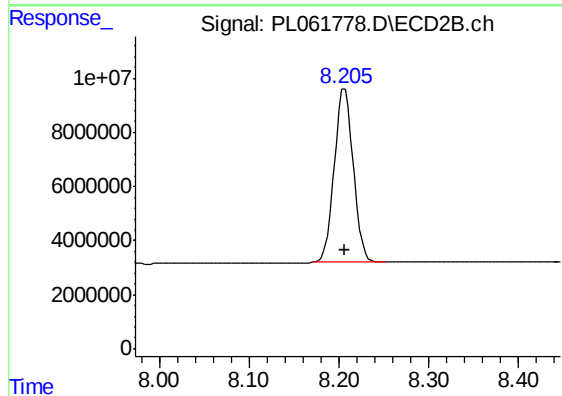
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 129479856  
Conc: 55.17 ng/ml



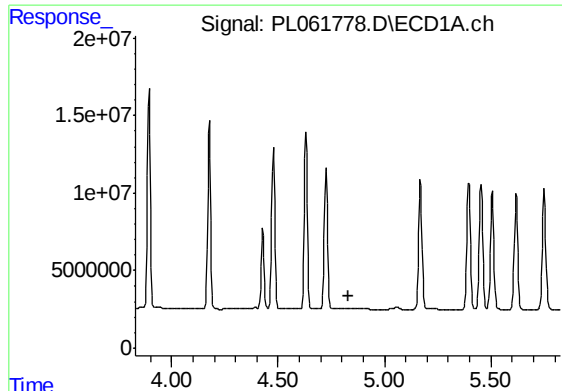
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 71499401  
Conc: 51.00 ng/ml



#22 Mirex

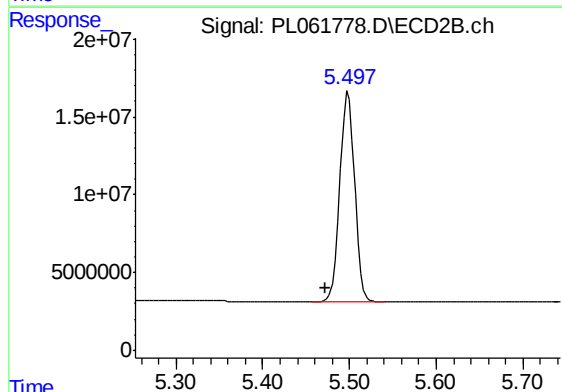
R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 94623304  
Conc: 53.70 ng/ml



#24 Chlordane-2

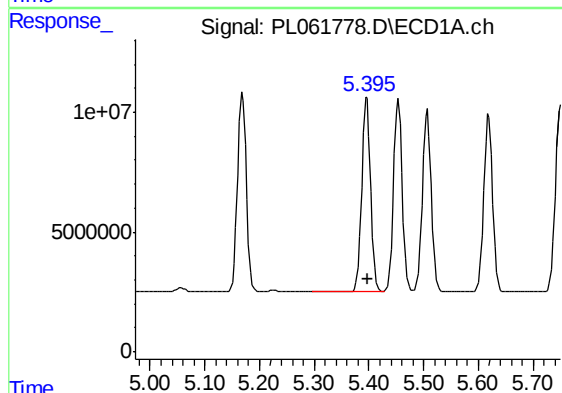
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



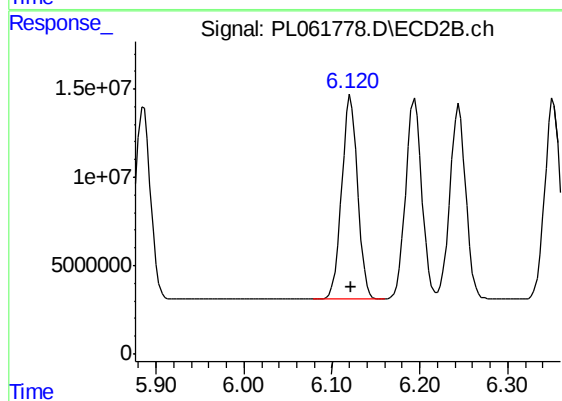
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.026 min  
Response: 160584162  
Conc: 1560.51 ng/ml



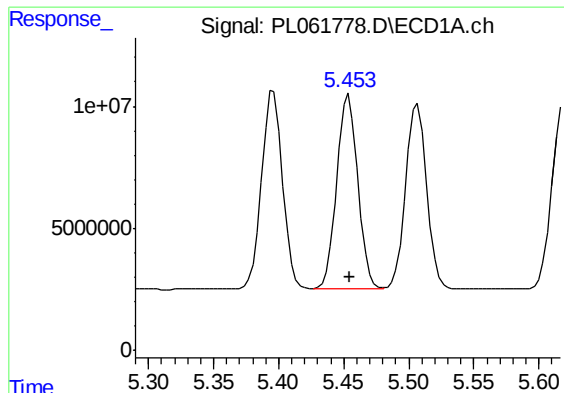
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 91365732  
Conc: 581.27 ng/ml



#25 Chlordane-3

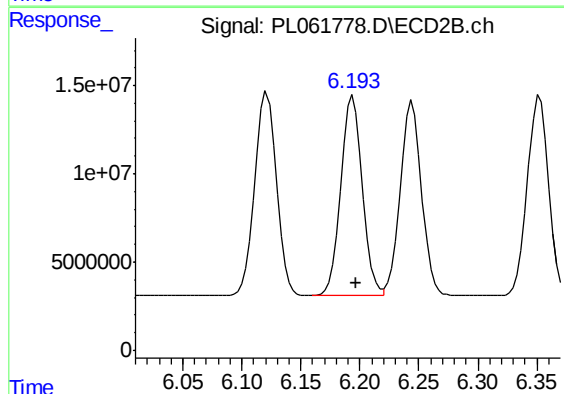
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 144875713  
Conc: 395.36 ng/ml



#26 Chlordane-4

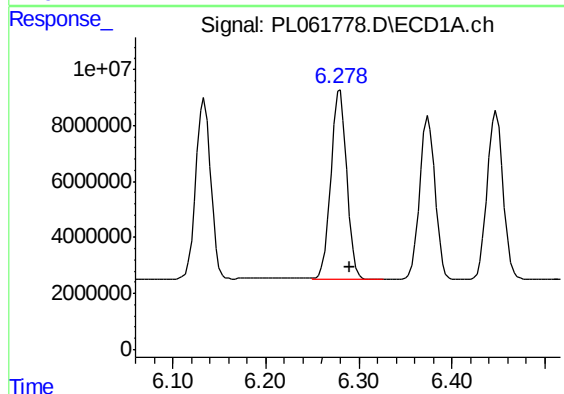
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 89941033  
Conc: 689.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



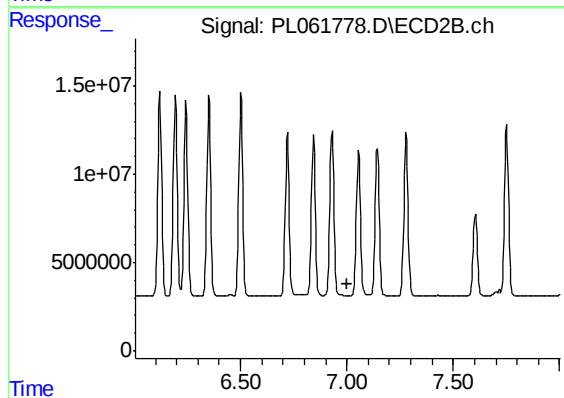
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 145785090  
Conc: 324.75 ng/ml



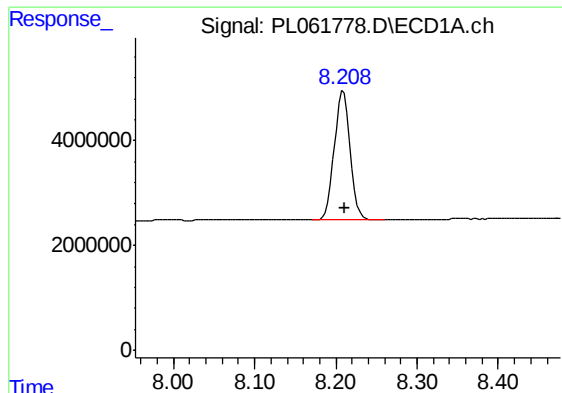
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 80298951  
Conc: 1472.66 ng/ml



#27 Chlordane-5

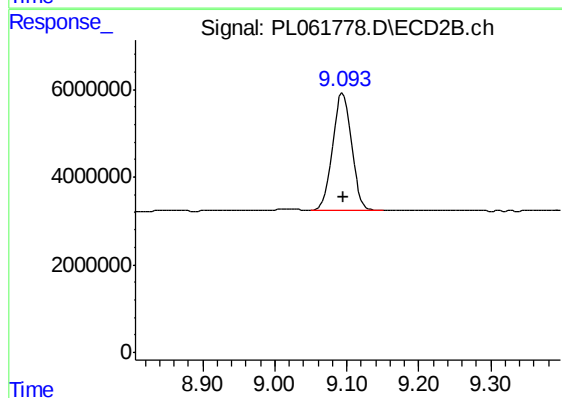
R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: -0.002 min  
Response: 33634600  
Conc: 20.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131883BS



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 48776747  
Conc: 22.16 ng/ml