

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
 Data File : PL061093.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2020 15:30  
 Operator : DD\AJ  
 Sample : L3837-15MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 17:16:27 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 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... | 3.460 | 4.008  | 37652053 | 51809298 | 20.403   | 19.934     |
| 2)                          | SA Decachlor... | 8.211 | 0.000  | 101.1E6  | 0        | 60.034   | N.D. #     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.397  | 131.0E6  | 197.4E6  | 46.320   | 48.590     |
| 3)                          | MA gamma-BHC... | 4.179 | 4.683  | 122.4E6  | 179.0E6  | 47.926   | 47.593     |
| 4)                          | MA Heptachlor   | 4.481 | 5.193  | 110.2E6  | 170.2E6  | 46.938   | 46.509     |
| 5)                          | MB Aldrin       | 4.729 | 5.499  | 94676249 | 150.6E6  | 45.373   | 44.698     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 46988731 | 61565085 | 46.000   | 41.338     |
| 7)                          | B delta-BHC     | 4.634 | 5.071  | 82246879 | 84643418 | 34.613   | 30.815     |
| 8)                          | B Heptachlo...  | 5.171 | 5.886  | 90553643 | 121.0E6  | 45.930   | 46.261     |
| 9)                          | A Endosulfan I  | 5.511 | 6.245  | 79326209 | 134.7E6  | 43.654   | 46.843     |
| 10)                         | B gamma-Chl...  | 5.399 | 6.122  | 91772049 | 144.0E6  | 46.705   | 46.362     |
| 11)                         | B alpha-Chl...  | 5.457 | 6.195  | 91672107 | 146.6E6  | 46.970   | 47.167     |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.352  | 217.5E6  | 307.6E6  | 118.215  | 106.415    |
| 13)                         | MA Dieldrin     | 5.753 | 6.502  | 91572651 | 129.0E6  | 47.583   | 43.208     |
| 14)                         | MA Endrin       | 6.010 | 6.721  | 84007035 | 113.8E6  | 46.193   | 44.820     |
| 15)                         | B Endosulfa...  | 6.282 | 6.931  | 83776759 | 114.5E6  | 46.934   | 44.499     |
| 16)                         | A 4,4'-DDD      | 6.137 | 6.843  | 63145839 | 102.4E6  | 39.944   | 43.838     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.144  | 121.3E6  | 176.9E6  | 80.228   | 76.819     |
| 18)                         | B Endrin al...  | 6.450 | 7.054  | 66594302 | 85809612 | 43.979   | 39.333     |
| 19)                         | B Endosulfa...  | 6.663 | 7.278  | 70288174 | 99658656 | 41.044   | 41.119     |
| 20)                         | A Methoxychlor  | 6.924 | 7.604  | 40612942 | 52472249 | 45.242   | 40.587     |
| 21)                         | B Endrin ke...  | 7.153 | 7.750  | 78585618 | 112.5E6  | 40.712   | 45.195     |
| 22)                         | Mirex           | 7.342 | 8.206  | 68274594 | 79651028 | 47.937   | 45.776     |
| 23)                         | Chlordane-1     | 4.333 | 5.036f | 5355962  | -555195  | 87.720   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 150.6E6  | N.D.     | 1463.876 # |
| 25)                         | Chlordane-3     | 5.399 | 6.122  | 91772049 | 144.0E6  | 508.481  | 360.285 #  |
| 26)                         | Chlordane-4     | 5.457 | 6.195  | 91672107 | 146.6E6  | 616.548  | 305.038 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 83776759 | 0        | 1338.807 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

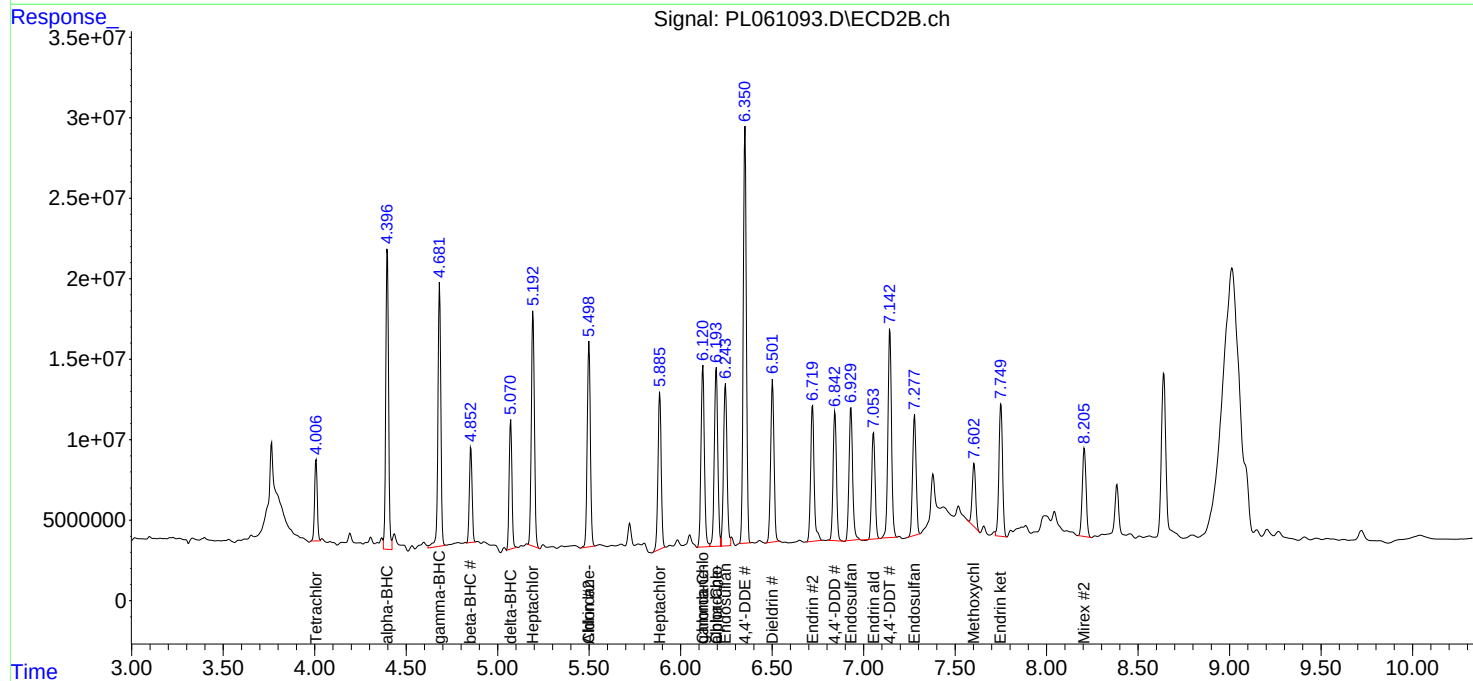
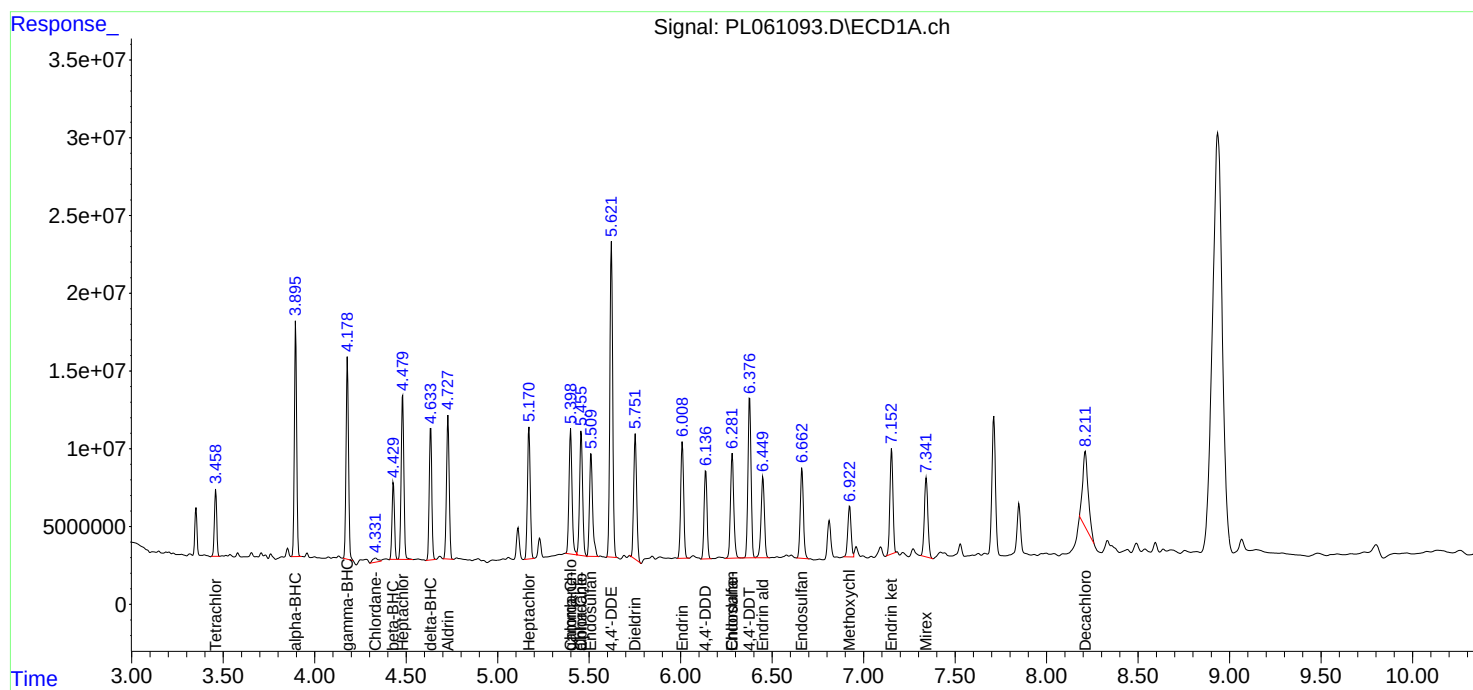
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

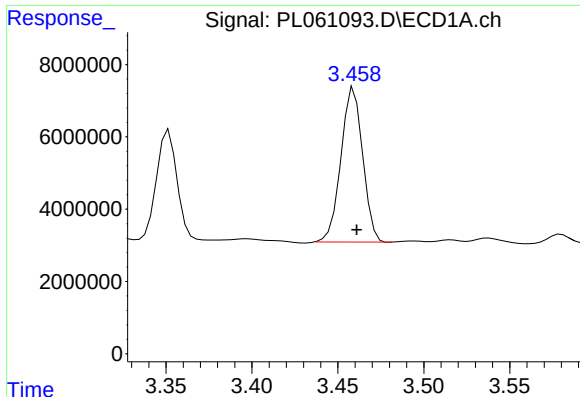
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
Data File : PL061093.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2020 15:30  
Operator : DD\AJ  
Sample : L3837-15MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 17:16:27 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 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

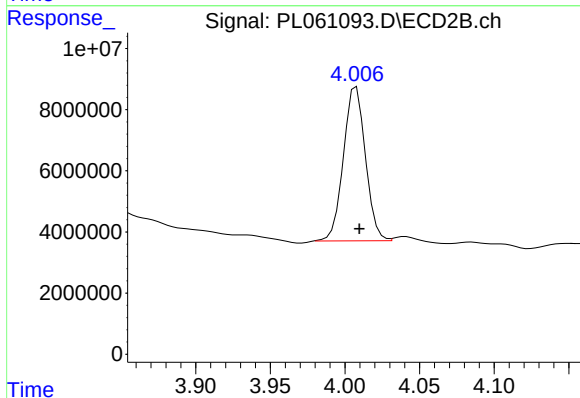




#1 Tetrachloro-m-xylene

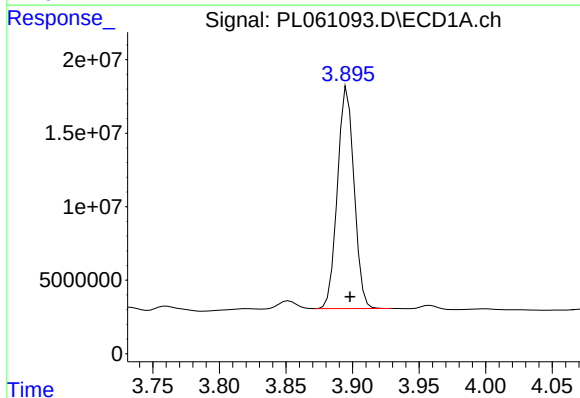
R.T.: 3.460 min  
Delta R.T.: -0.001 min  
Response: 37652053  
Conc: 20.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



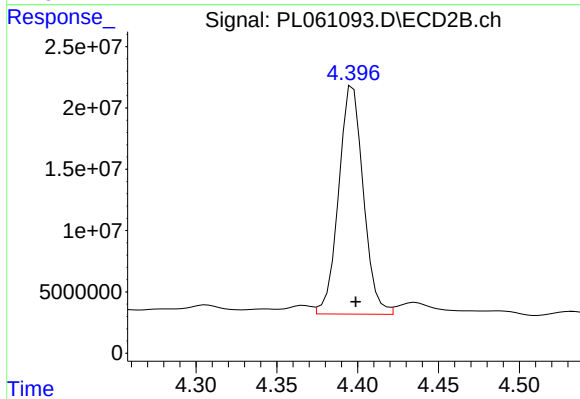
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 51809298  
Conc: 19.93 ng/ml



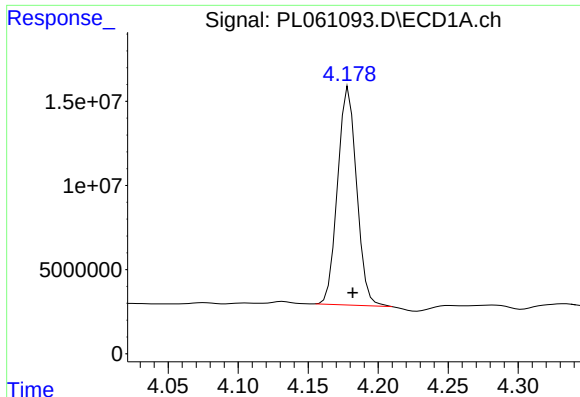
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 130983609  
Conc: 46.32 ng/ml



#2 alpha-BHC

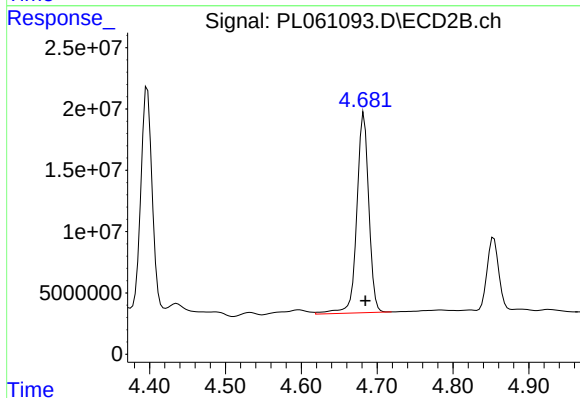
R.T.: 4.397 min  
Delta R.T.: -0.002 min  
Response: 197386381  
Conc: 48.59 ng/ml



#3 gamma-BHC (Lindane)

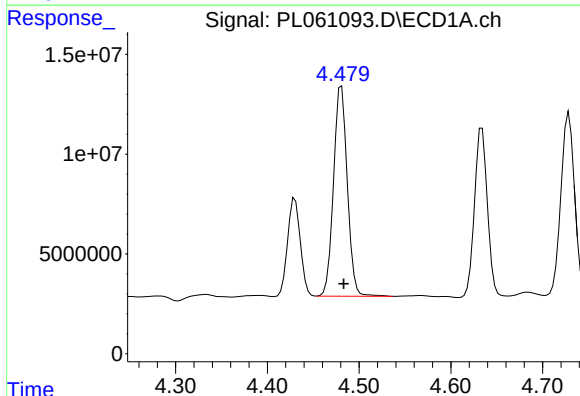
R.T.: 4.179 min  
Delta R.T.: -0.003 min  
Response: 122351597  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



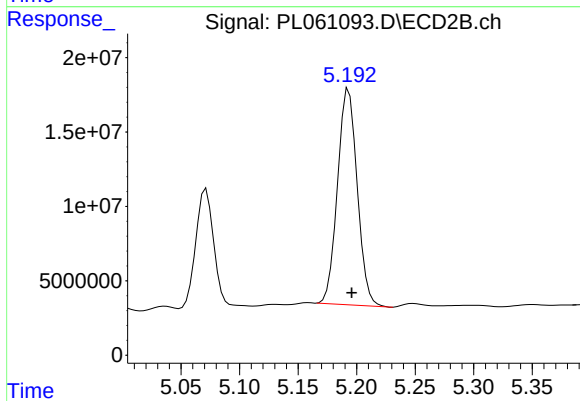
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: -0.002 min  
Response: 179015270  
Conc: 47.59 ng/ml



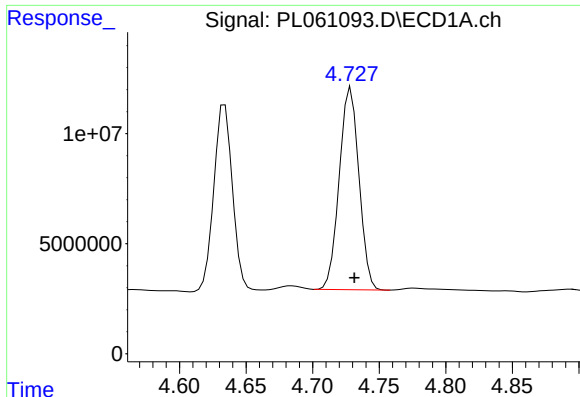
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 110158237  
Conc: 46.94 ng/ml



#4 Heptachlor

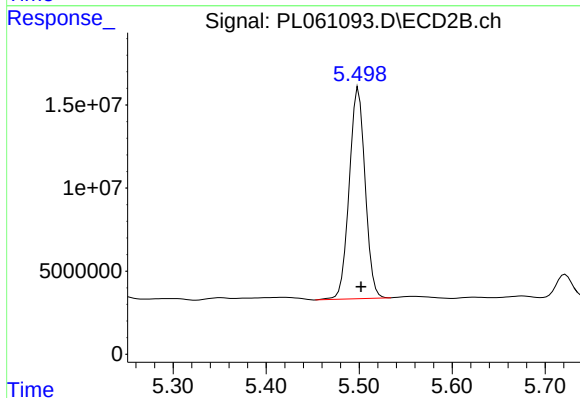
R.T.: 5.193 min  
Delta R.T.: -0.003 min  
Response: 170181221  
Conc: 46.51 ng/ml



#5 Aldrin

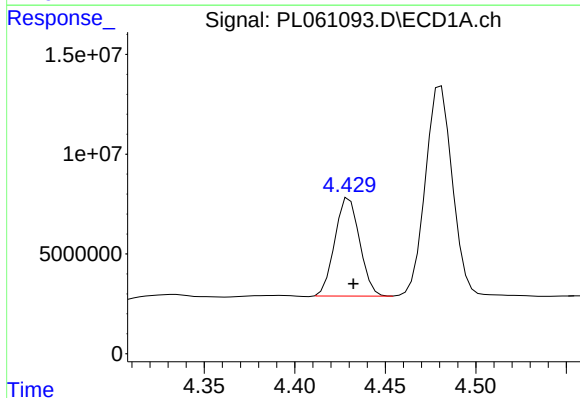
R.T.: 4.729 min  
Delta R.T.: -0.003 min  
Response: 94676249  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



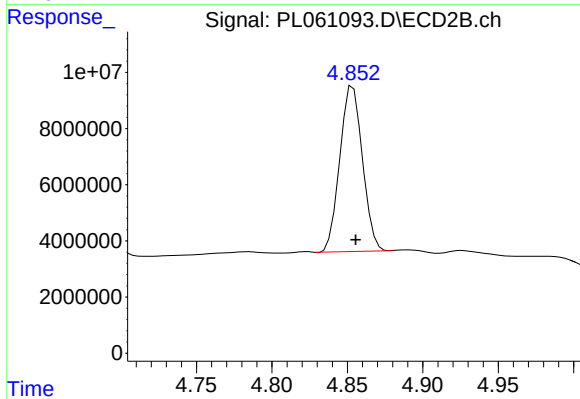
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 150648982  
Conc: 44.70 ng/ml



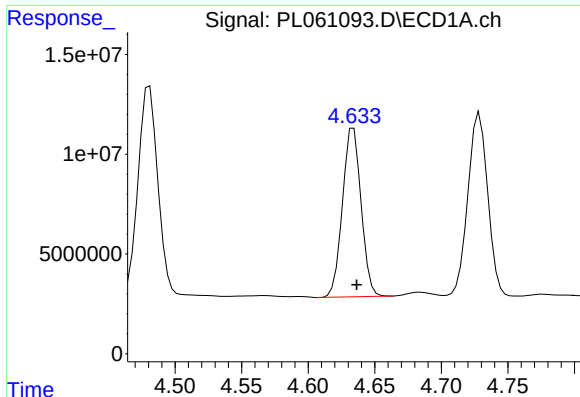
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.002 min  
Response: 46988731  
Conc: 46.00 ng/ml



#6 beta-BHC

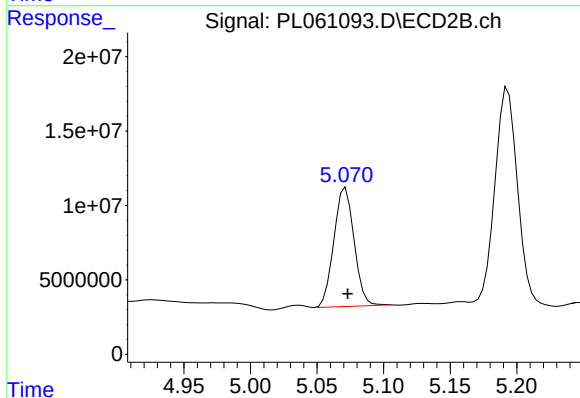
R.T.: 4.854 min  
Delta R.T.: -0.002 min  
Response: 61565085  
Conc: 41.34 ng/ml



#7 delta-BHC

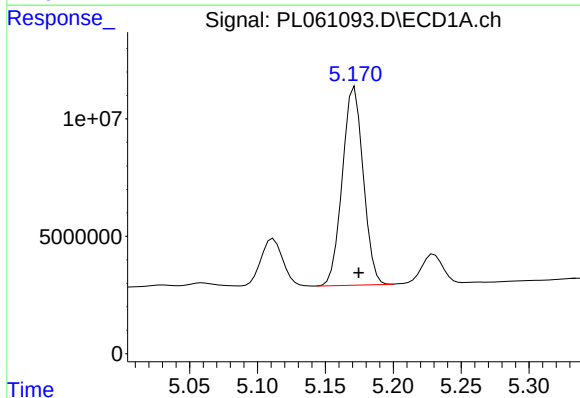
R.T.: 4.634 min  
Delta R.T.: -0.002 min  
Response: 82246879  
Conc: 34.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



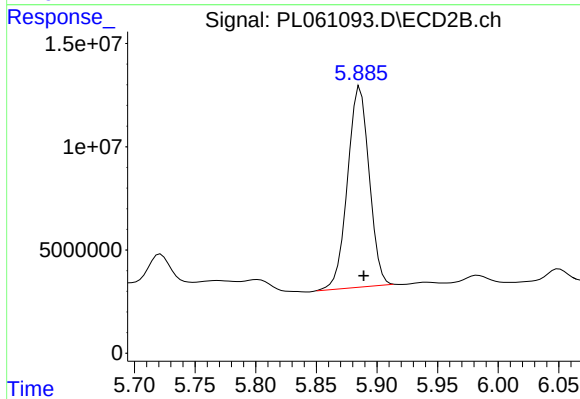
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 84643418  
Conc: 30.81 ng/ml



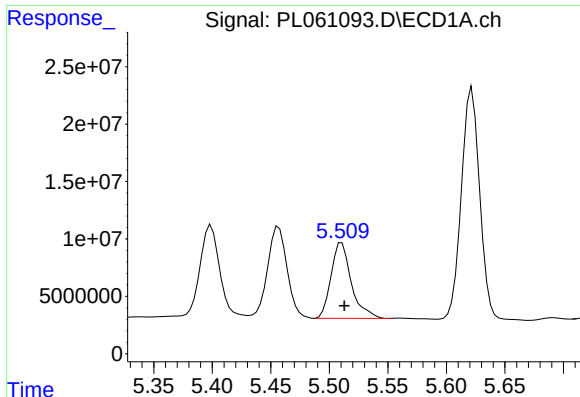
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: -0.003 min  
Response: 90553643  
Conc: 45.93 ng/ml



#8 Heptachlor epoxide

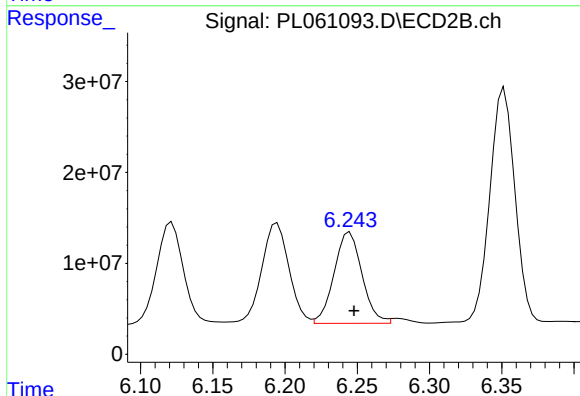
R.T.: 5.886 min  
Delta R.T.: -0.003 min  
Response: 121006908  
Conc: 46.26 ng/ml



#9 Endosulfan I

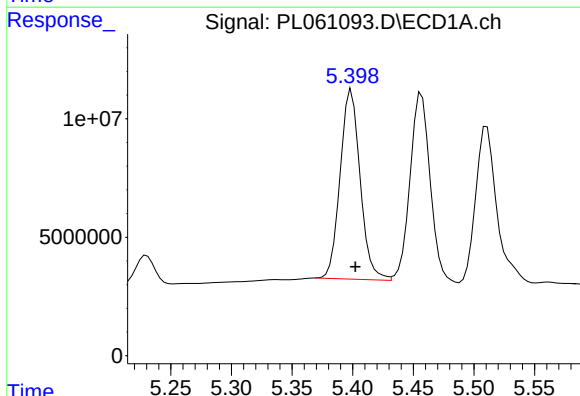
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 79326209  
Conc: 43.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



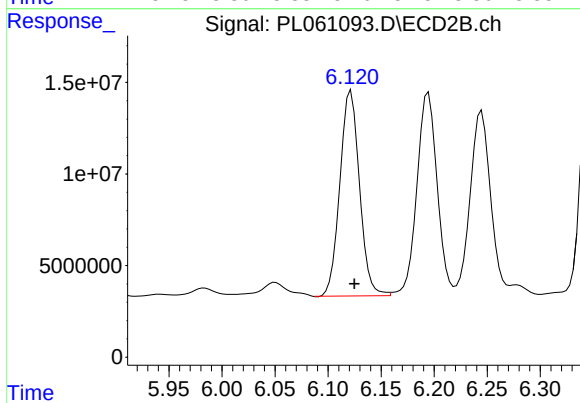
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: -0.003 min  
Response: 134675559  
Conc: 46.84 ng/ml



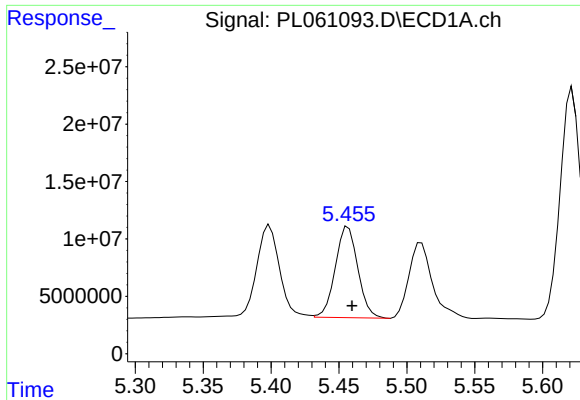
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 91772049  
Conc: 46.70 ng/ml



#10 gamma-Chlordane

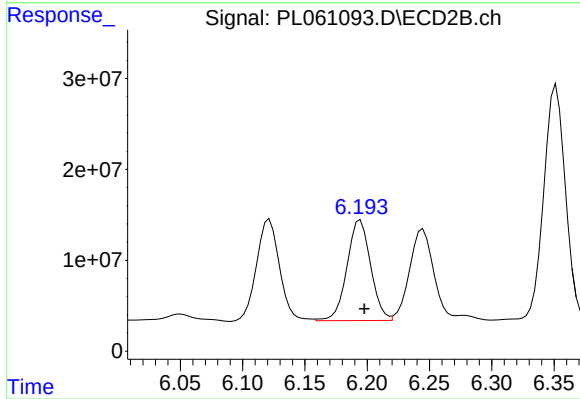
R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 143999406  
Conc: 46.36 ng/ml



#11 alpha-Chlordane

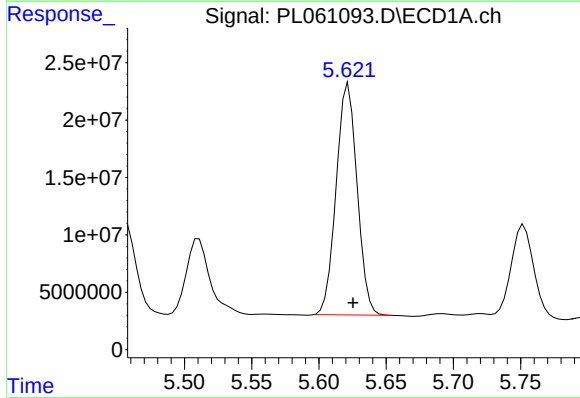
R.T.: 5.457 min  
Delta R.T.: -0.003 min  
Response: 91672107  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



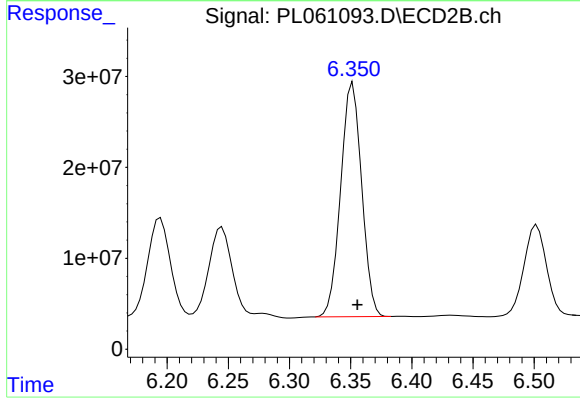
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 146639725  
Conc: 47.17 ng/ml



#12 4,4'-DDE

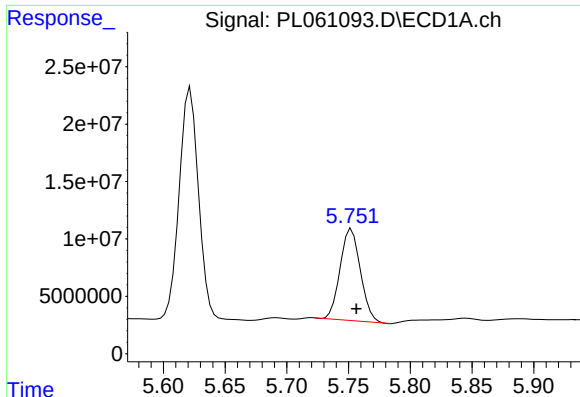
R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 217520172  
Conc: 118.22 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: -0.004 min  
Response: 307564400  
Conc: 106.41 ng/ml

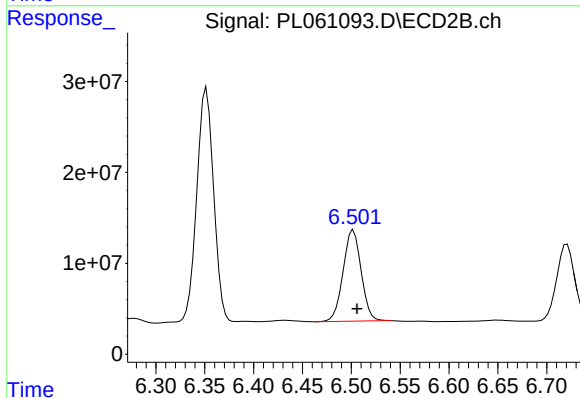




#13 Dieldrin

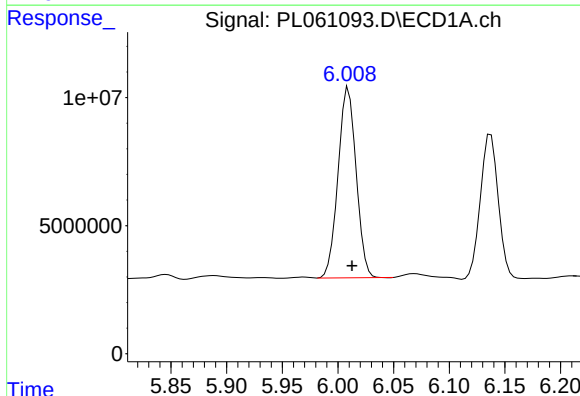
R.T.: 5.753 min  
Delta R.T.: -0.004 min  
Response: 91572651  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



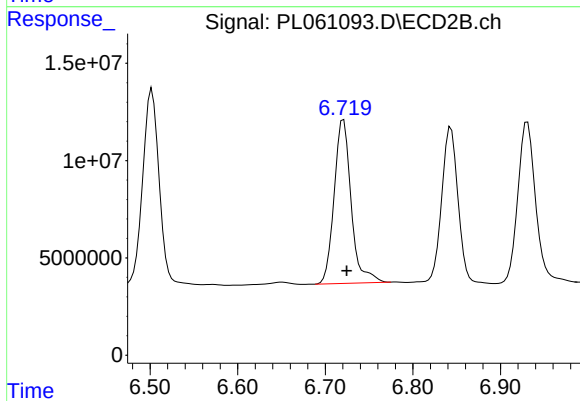
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: -0.004 min  
Response: 129035010  
Conc: 43.21 ng/ml



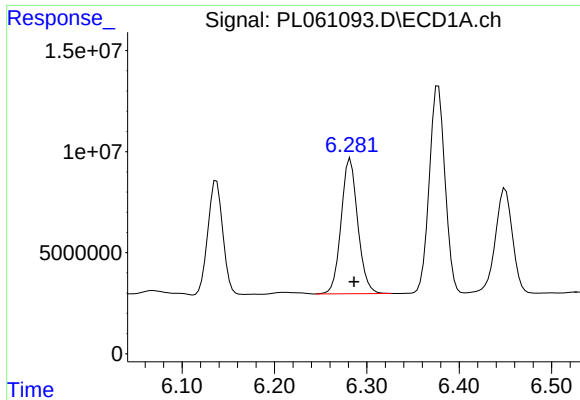
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 84007035  
Conc: 46.19 ng/ml



#14 Endrin

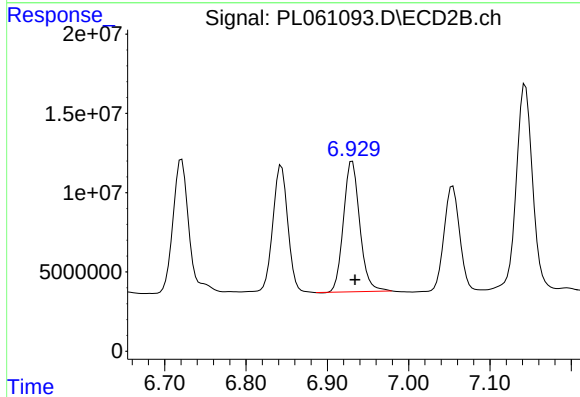
R.T.: 6.721 min  
Delta R.T.: -0.004 min  
Response: 113835216  
Conc: 44.82 ng/ml



#15 Endosulfan II

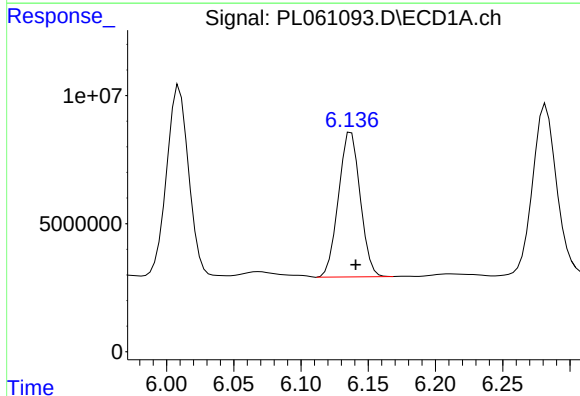
R.T.: 6.282 min  
Delta R.T.: -0.004 min  
Response: 83776759  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



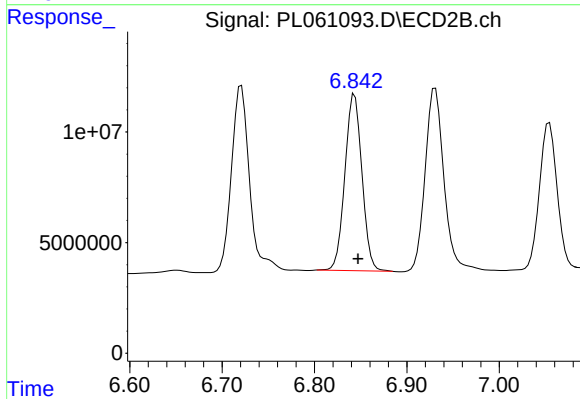
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: -0.003 min  
Response: 114470682  
Conc: 44.50 ng/ml



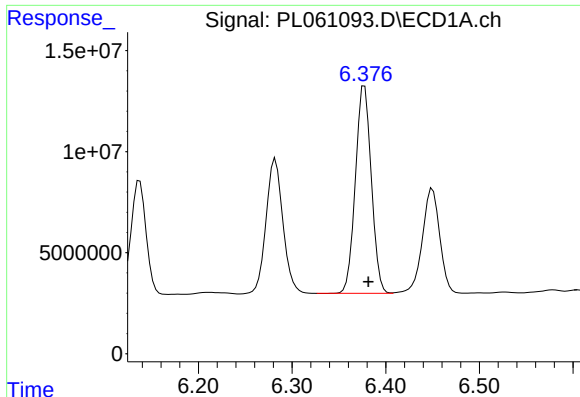
#16 4,4'-DDD

R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 63145839  
Conc: 39.94 ng/ml



#16 4,4'-DDD

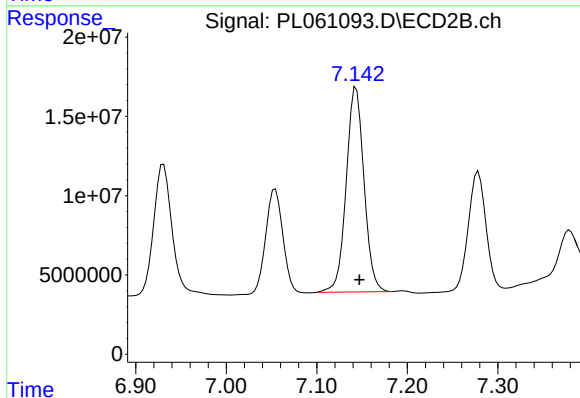
R.T.: 6.843 min  
Delta R.T.: -0.004 min  
Response: 102377586  
Conc: 43.84 ng/ml



#17 4,4'-DDT

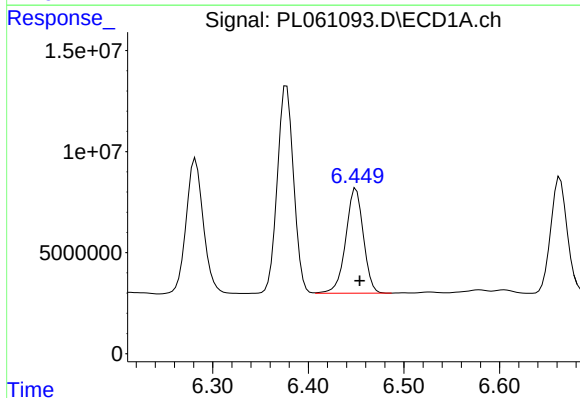
R.T.: 6.377 min  
Delta R.T.: -0.004 min  
Response: 121272394  
Conc: 80.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



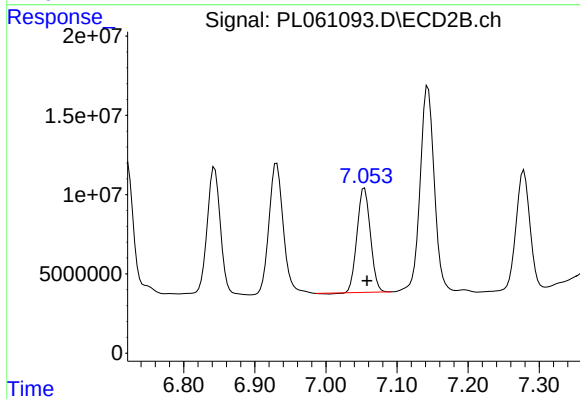
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: -0.003 min  
Response: 176912250  
Conc: 76.82 ng/ml



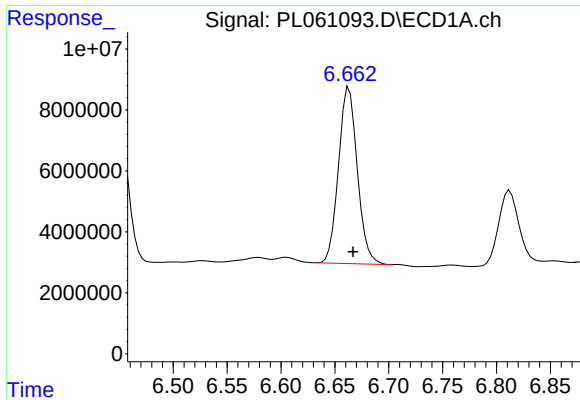
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: -0.004 min  
Response: 66594302  
Conc: 43.98 ng/ml



#18 Endrin aldehyde

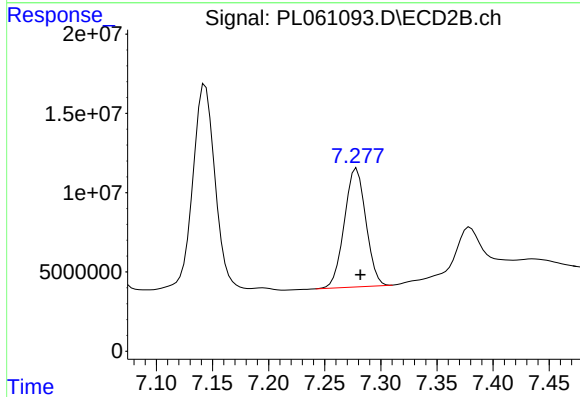
R.T.: 7.054 min  
Delta R.T.: -0.004 min  
Response: 85809612  
Conc: 39.33 ng/ml



#19 Endosulfan Sulfate

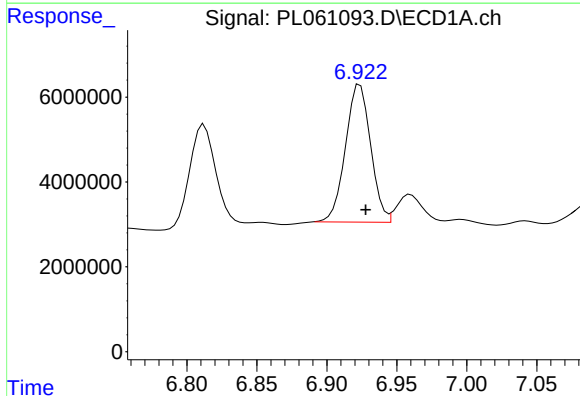
R.T.: 6.663 min  
Delta R.T.: -0.004 min  
Response: 70288174  
Conc: 41.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



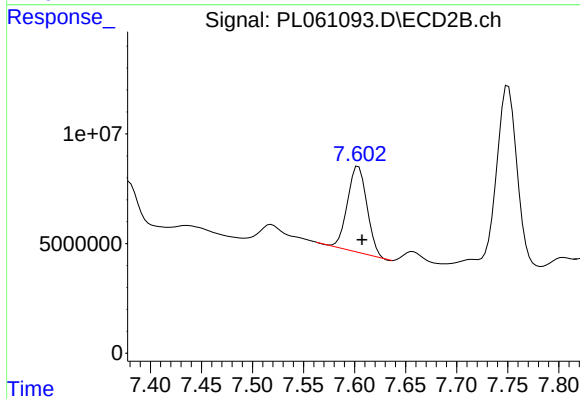
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: -0.003 min  
Response: 99658656  
Conc: 41.12 ng/ml



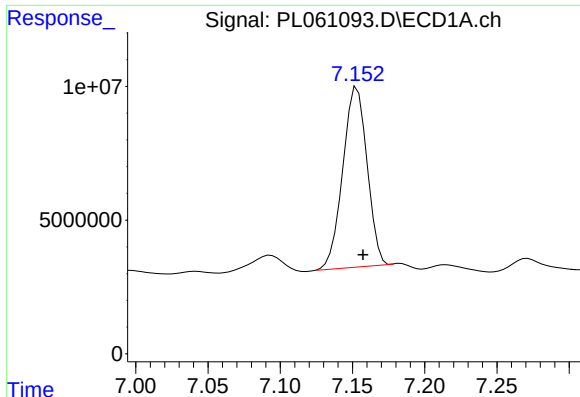
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: -0.004 min  
Response: 40612942  
Conc: 45.24 ng/ml



#20 Methoxychlor

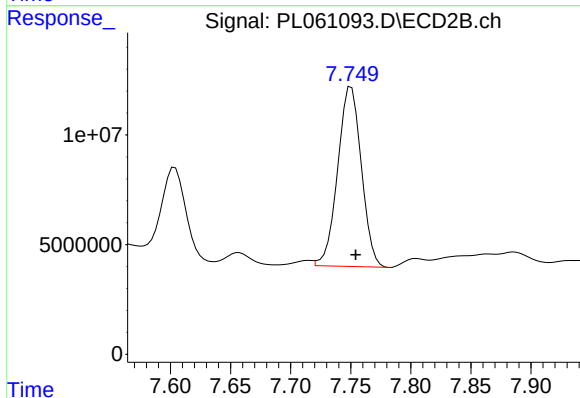
R.T.: 7.604 min  
Delta R.T.: -0.003 min  
Response: 52472249  
Conc: 40.59 ng/ml



#21 Endrin ketone

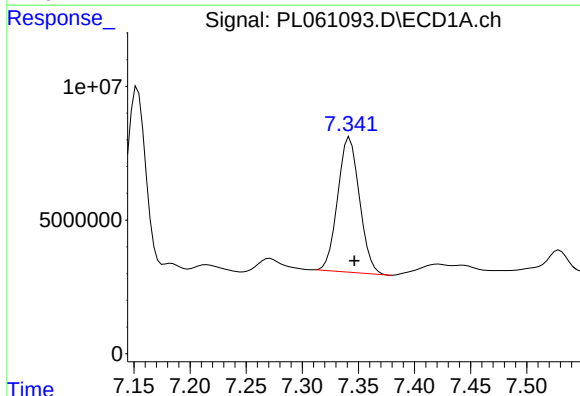
R.T.: 7.153 min  
Delta R.T.: -0.004 min  
Response: 78585618  
Conc: 40.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



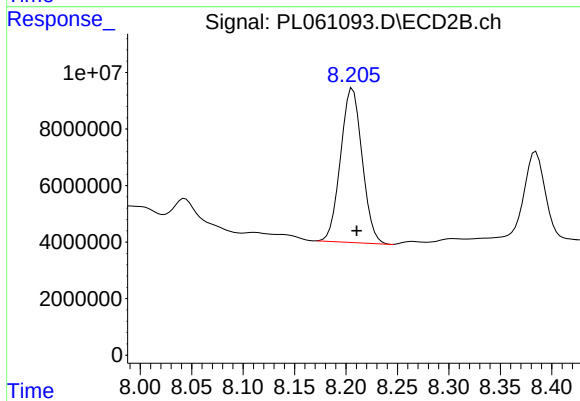
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: -0.004 min  
Response: 112489727  
Conc: 45.19 ng/ml



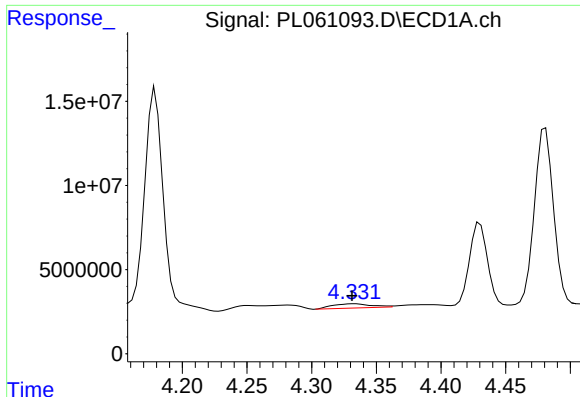
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: -0.004 min  
Response: 68274594  
Conc: 47.94 ng/ml



#22 Mirex

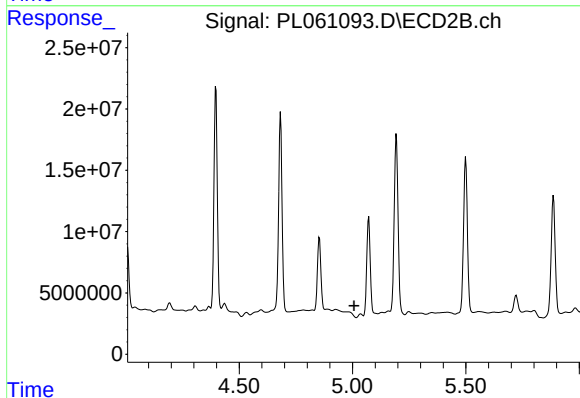
R.T.: 8.206 min  
Delta R.T.: -0.004 min  
Response: 79651028  
Conc: 45.78 ng/ml



#23 Chlordane-1

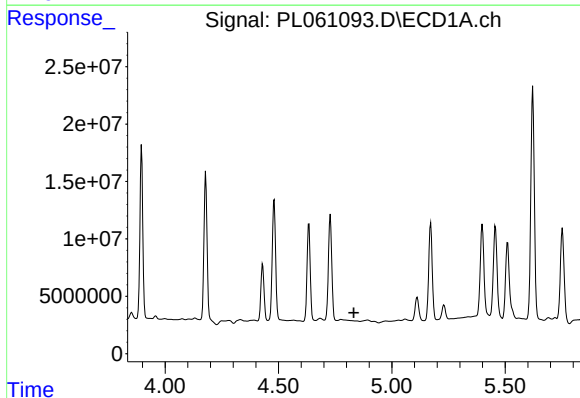
R.T.: 4.333 min  
Delta R.T.: 0.002 min  
Response: 5355962  
Conc: 87.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



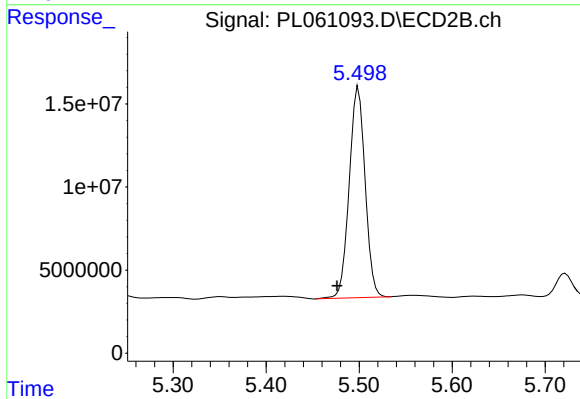
#23 Chlordane-1

R.T.: 5.036 min  
Delta R.T.: 0.030 min  
Response: -555195  
Conc: N.D.



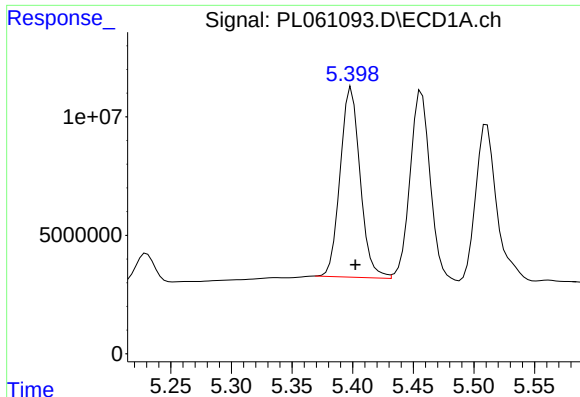
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.833 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

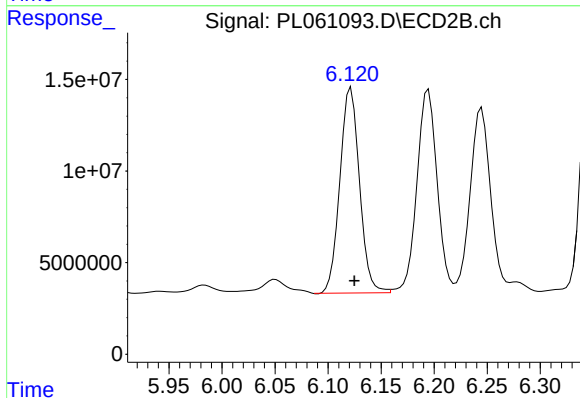
R.T.: 5.499 min  
Delta R.T.: 0.023 min  
Response: 150648982  
Conc: 1463.88 ng/ml



#25 Chlordane-3

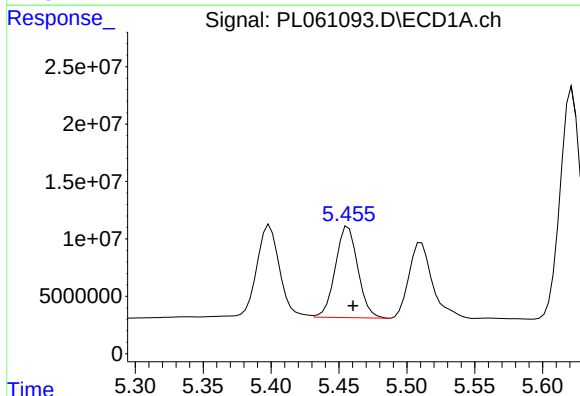
R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 91772049  
Conc: 508.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



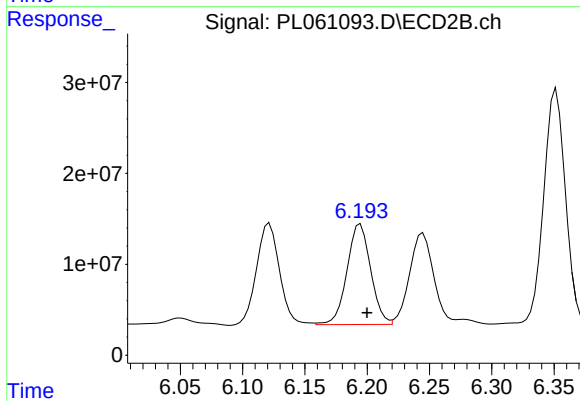
#25 Chlordane-3

R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 143999406  
Conc: 360.29 ng/ml



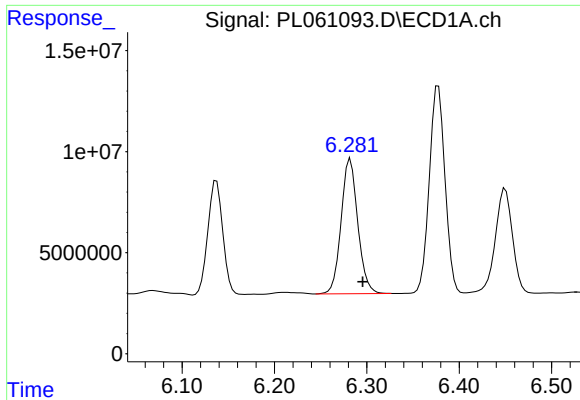
#26 Chlordane-4

R.T.: 5.457 min  
Delta R.T.: -0.003 min  
Response: 91672107  
Conc: 616.55 ng/ml



#26 Chlordane-4

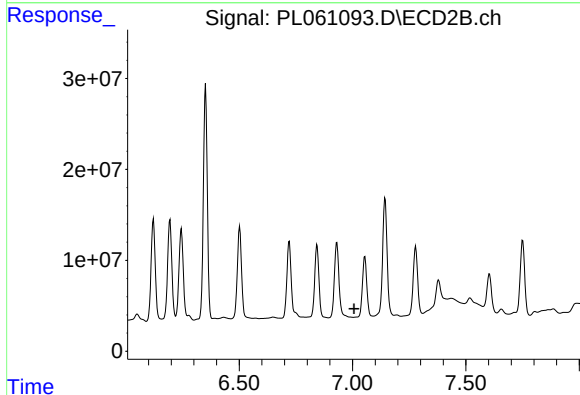
R.T.: 6.195 min  
Delta R.T.: -0.005 min  
Response: 146639725  
Conc: 305.04 ng/ml



#27 Chlordane-5

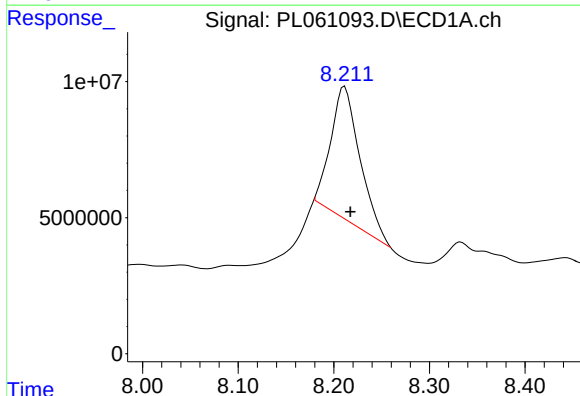
R.T.: 6.282 min  
Delta R.T.: -0.014 min  
Response: 83776759  
Conc: 1338.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



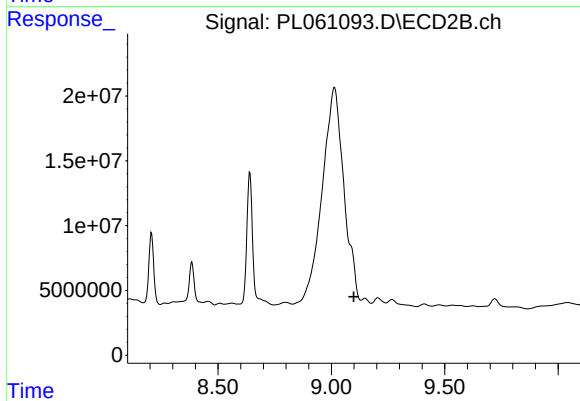
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.211 min  
Delta R.T.: -0.006 min  
Response: 101133463  
Conc: 60.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.099 min  
Response: 0  
Conc: N.D.