

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090120\  
 Data File : PL061136.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Sep 2020 14:41  
 Operator : DD\AJ  
 Sample : L3837-15MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 15:56:45 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  | 36599431 | 49895339 | 19.833   | 19.198     |
| 28)                         | SA Decachlor... | 8.212 | 9.096  | 30835612 | 38571247 | 18.304   | 18.280     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.397  | 126.1E6  | 187.2E6  | 44.598   | 46.071     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.683  | 119.3E6  | 178.1E6  | 46.739   | 47.337     |
| 4)                          | MA Heptachlor   | 4.481 | 5.194  | 107.3E6  | 168.1E6  | 45.726   | 45.928     |
| 5)                          | MB Aldrin       | 4.729 | 5.499  | 92336315 | 149.5E6  | 44.252   | 44.368     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 46719391 | 61730572 | 45.737   | 41.449     |
| 7)                          | B delta-BHC     | 4.635 | 5.071  | 80306872 | 83384567 | 33.797   | 30.357     |
| 8)                          | B Heptachlo...  | 5.172 | 5.886  | 89207007 | 118.0E6  | 45.247   | 45.122     |
| 9)                          | A Endosulfan I  | 5.511 | 6.245  | 78537795 | 129.5E6  | 43.221   | 45.030     |
| 10)                         | B gamma-Chl...  | 5.399 | 6.122  | 89325270 | 137.7E6  | 45.460   | 44.344     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.195  | 88047293 | 140.0E6  | 45.113   | 45.019     |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.352  | 213.8E6  | 298.3E6  | 116.195  | 103.208    |
| 13)                         | MA Dieldrin     | 5.753 | 6.503  | 89914598 | 126.0E6  | 46.721   | 42.194     |
| 14)                         | MA Endrin       | 6.010 | 6.721  | 81691363 | 108.9E6  | 44.919   | 42.891     |
| 15)                         | B Endosulfa...  | 6.283 | 6.931  | 81420779 | 110.0E6  | 45.615   | 42.748     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.844  | 62036635 | 99247473 | 39.242   | 42.498     |
| 17)                         | MA 4,4'-DDT     | 6.378 | 7.144  | 116.6E6  | 167.0E6  | 77.135   | 72.497     |
| 18)                         | B Endrin al...  | 6.450 | 7.055  | 65227888 | 82555972 | 43.076   | 37.842     |
| 19)                         | B Endosulfa...  | 6.664 | 7.279  | 73992445 | 96752567 | 43.207   | 39.920     |
| 20)                         | A Methoxychlor  | 6.924 | 7.604  | 38370796 | 53272552 | 42.744   | 41.206     |
| 21)                         | B Endrin ke...  | 7.153 | 7.751  | 79931980 | 104.8E6  | 41.409   | 42.104     |
| 22)                         | Mirex           | 7.343 | 8.208  | 65381669 | 82646656 | 45.905   | 47.497     |
| 23)                         | Chlordane-1     | 4.334 | 5.036f | 5502534  | 4421889  | 90.120   | 36.369 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 149.5E6  | N.D.     | 1453.064 # |
| 25)                         | Chlordane-3     | 5.399 | 6.122  | 89325270 | 137.7E6  | 494.924  | 344.600 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.195  | 88047293 | 140.0E6  | 592.169  | 291.147 #  |
| 27)                         | Chlordane-5     | 6.283 | 0.000  | 81420779 | 0        | 1301.157 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

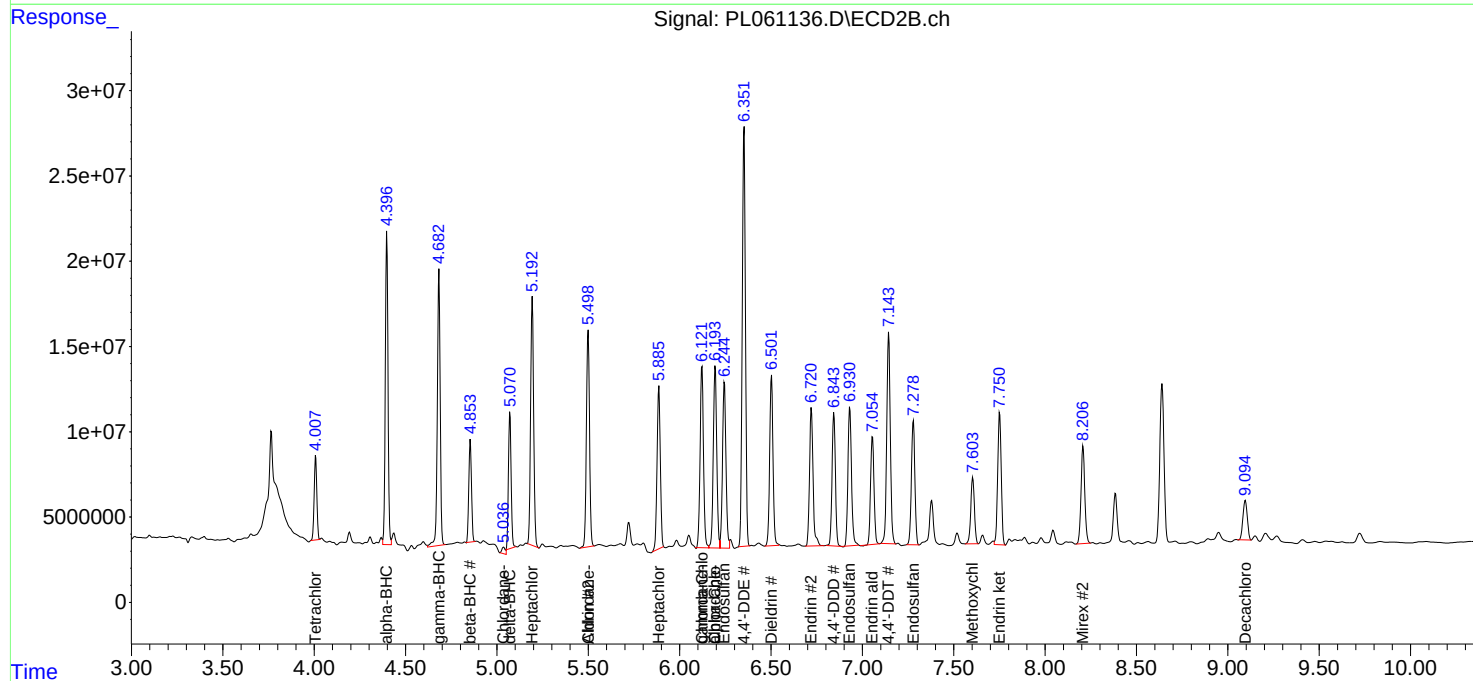
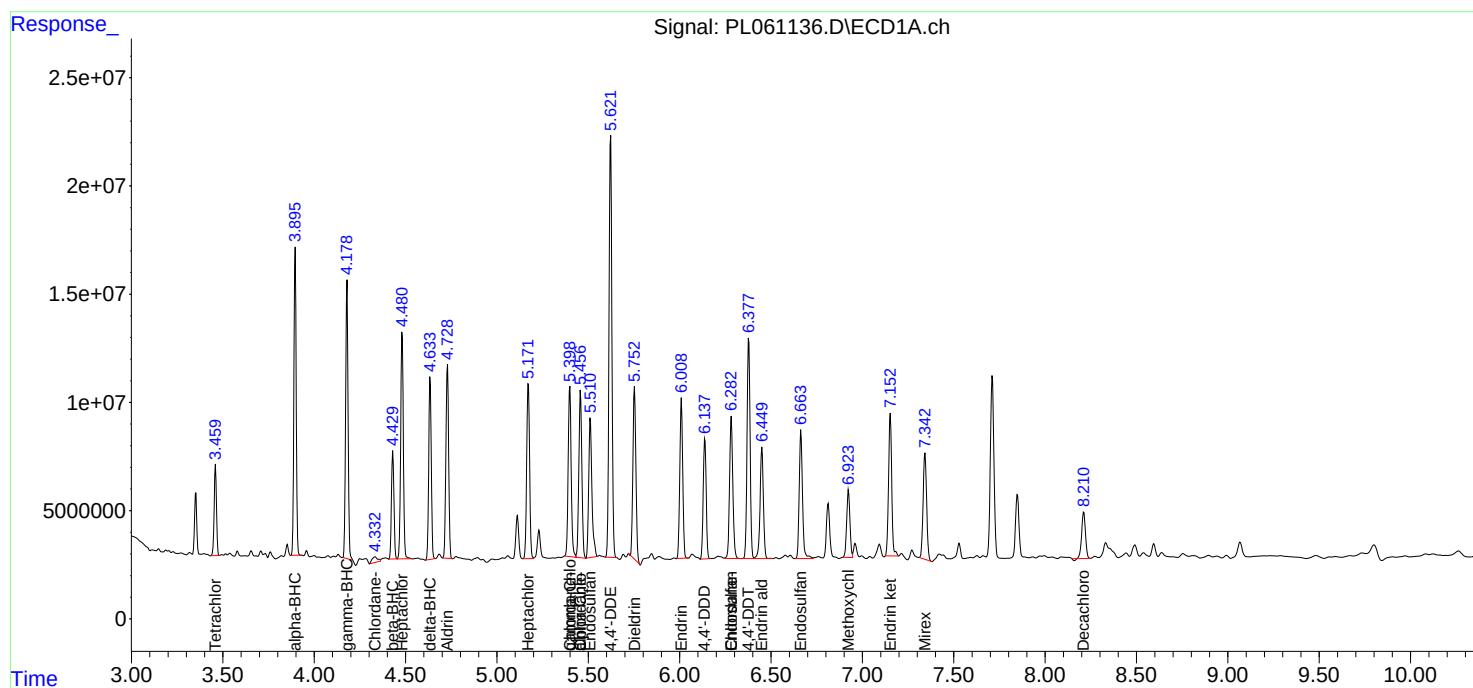
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

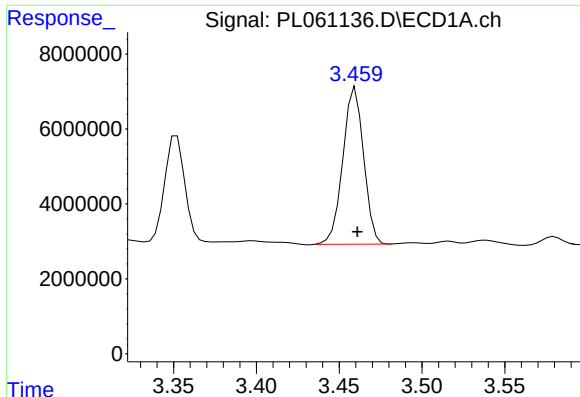
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090120\  
Data File : PL061136.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Sep 2020 14:41  
Operator : DD\AJ  
Sample : L3837-15MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 15:56:45 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

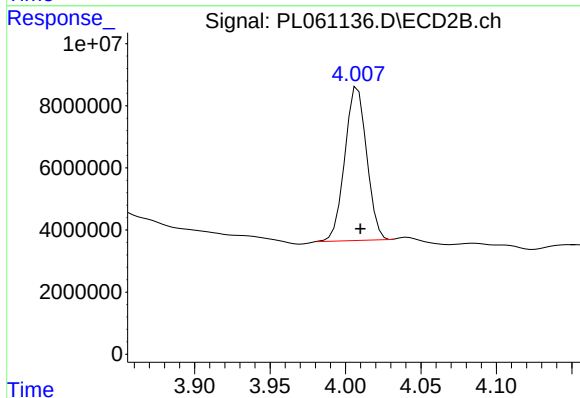




#1 Tetrachloro-m-xylene

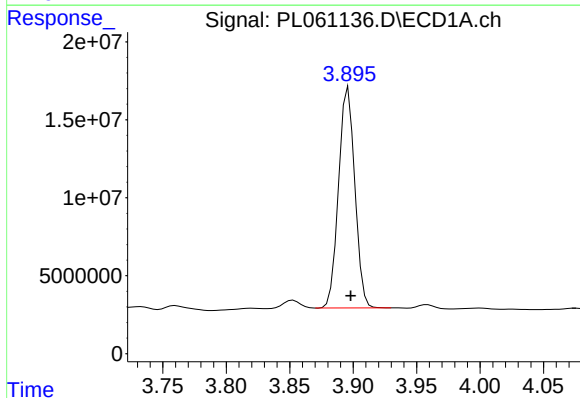
R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 36599431  
Conc: 19.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



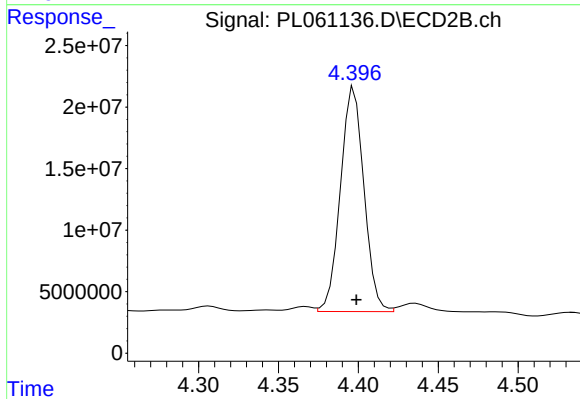
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 49895339  
Conc: 19.20 ng/ml



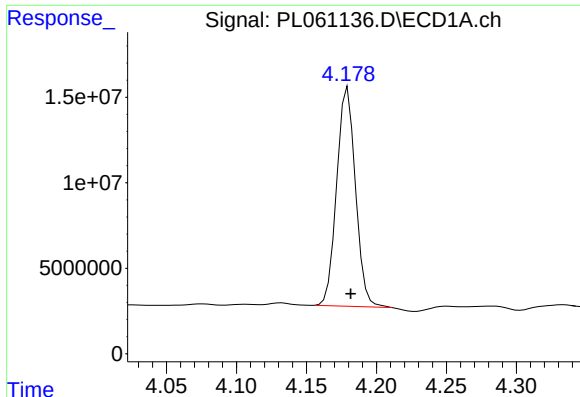
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 126113834  
Conc: 44.60 ng/ml



#2 alpha-BHC

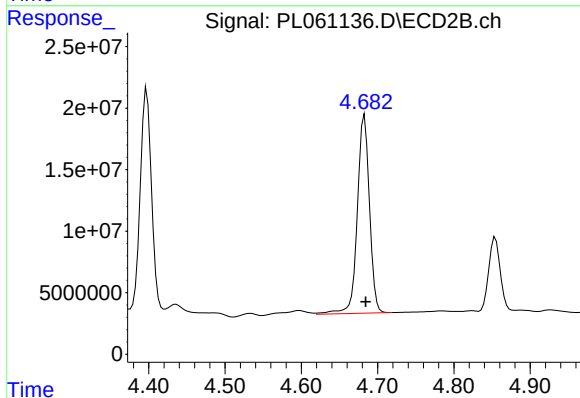
R.T.: 4.397 min  
Delta R.T.: -0.001 min  
Response: 187154353  
Conc: 46.07 ng/ml



#3 gamma-BHC (Lindane)

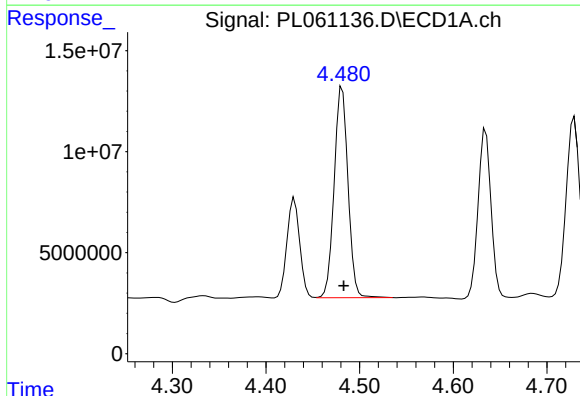
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 119321605  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



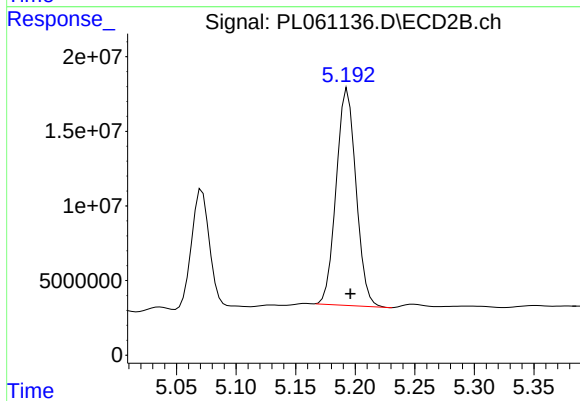
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: -0.002 min  
Response: 178050598  
Conc: 47.34 ng/ml



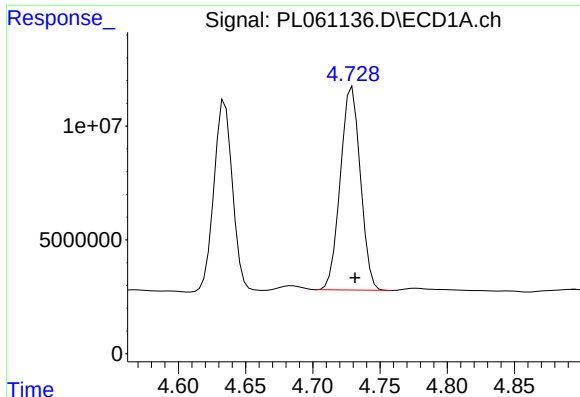
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 107313808  
Conc: 45.73 ng/ml



#4 Heptachlor

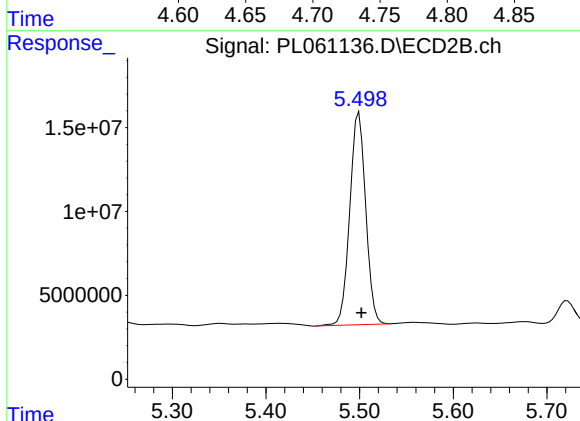
R.T.: 5.194 min  
Delta R.T.: -0.002 min  
Response: 168055987  
Conc: 45.93 ng/ml



#5 Aldrin

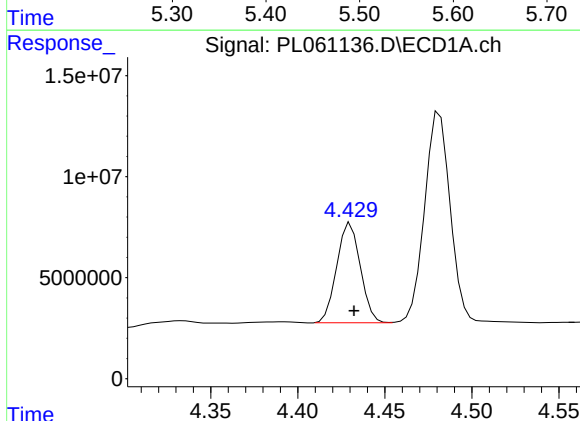
R.T.: 4.729 min  
Delta R.T.: -0.002 min  
Response: 92336315  
Conc: 44.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



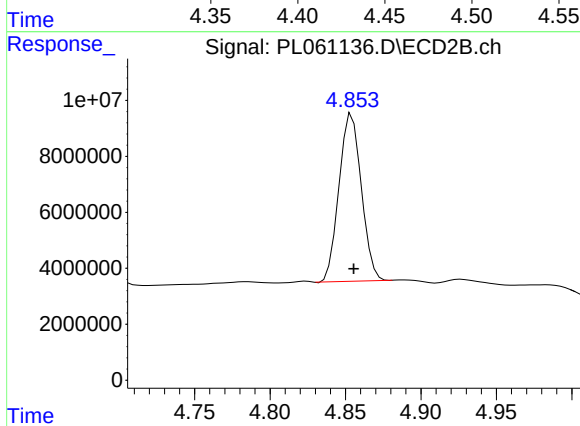
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 149536335  
Conc: 44.37 ng/ml



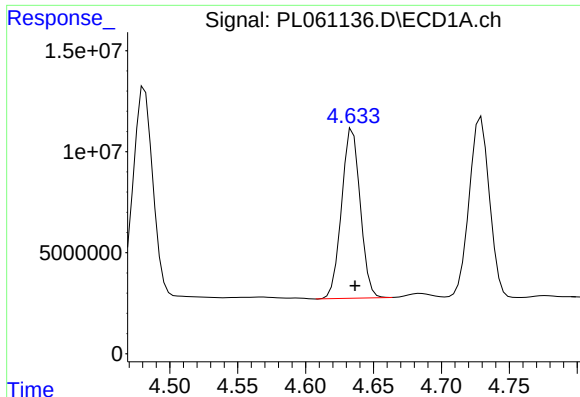
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.002 min  
Response: 46719391  
Conc: 45.74 ng/ml



#6 beta-BHC

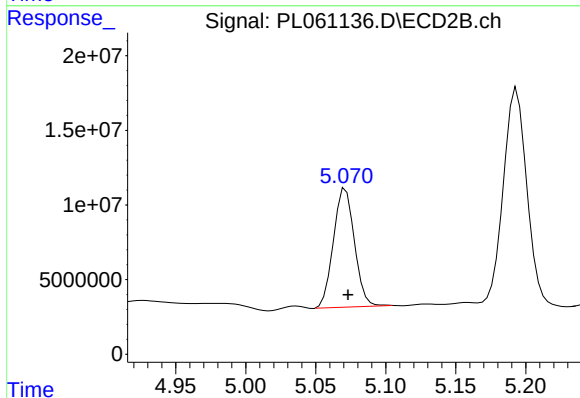
R.T.: 4.854 min  
Delta R.T.: -0.001 min  
Response: 61730572  
Conc: 41.45 ng/ml



#7 delta-BHC

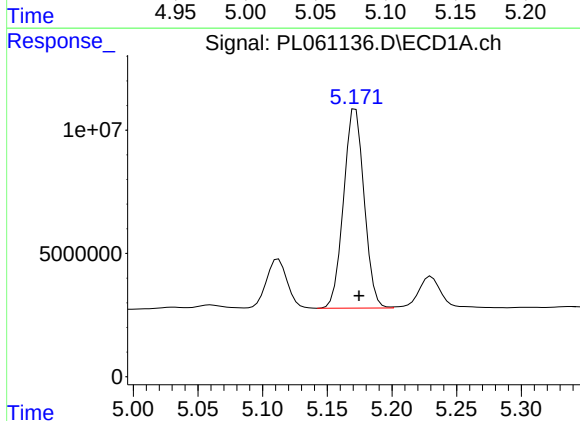
R.T.: 4.635 min  
Delta R.T.: -0.002 min  
Response: 80306872  
Conc: 33.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



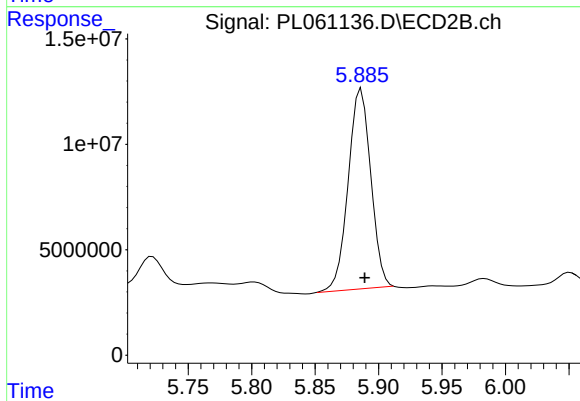
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 83384567  
Conc: 30.36 ng/ml



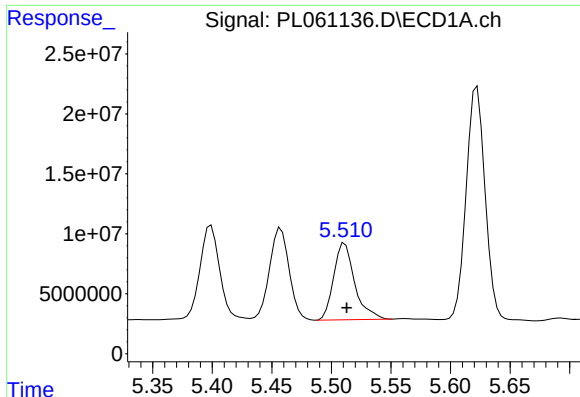
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: -0.003 min  
Response: 89207007  
Conc: 45.25 ng/ml



#8 Heptachlor epoxide

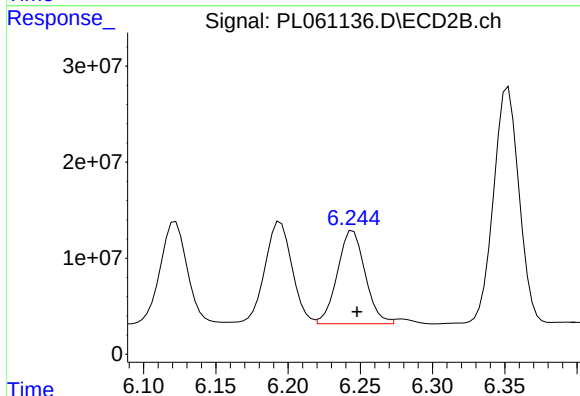
R.T.: 5.886 min  
Delta R.T.: -0.003 min  
Response: 118027038  
Conc: 45.12 ng/ml



#9 Endosulfan I

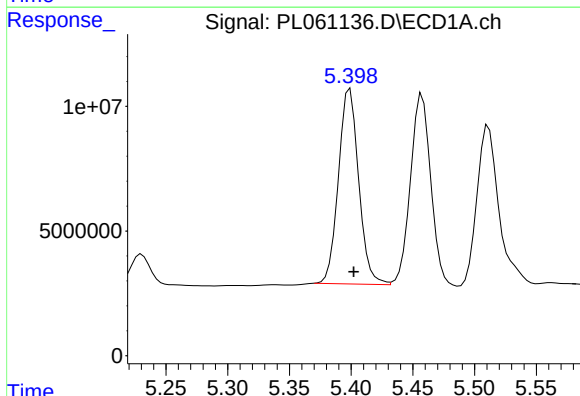
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 78537795  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



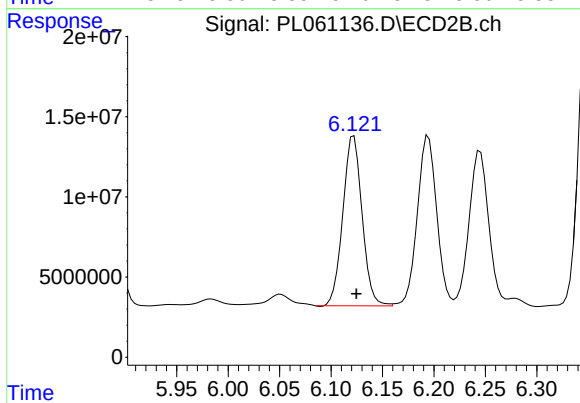
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: -0.003 min  
Response: 129463836  
Conc: 45.03 ng/ml



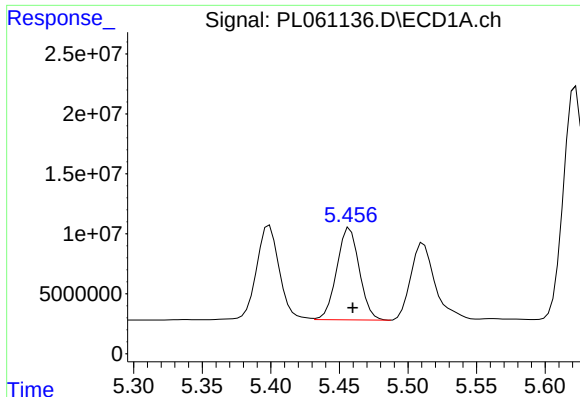
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 89325270  
Conc: 45.46 ng/ml



#10 gamma-Chlordane

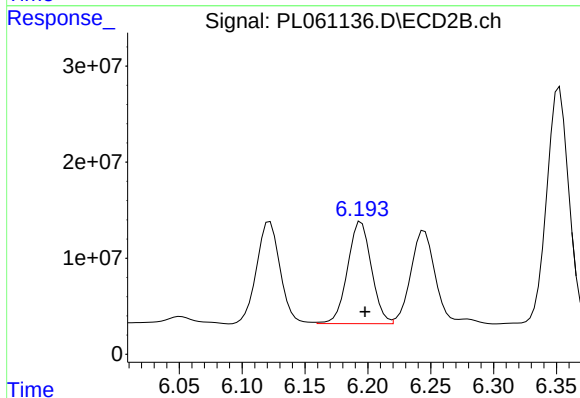
R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 137730182  
Conc: 44.34 ng/ml



#11 alpha-Chlordane

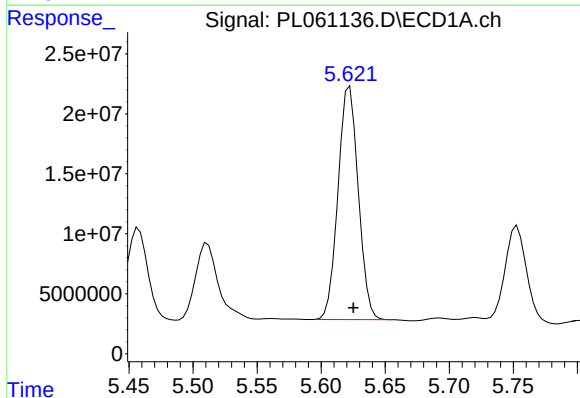
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 88047293  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



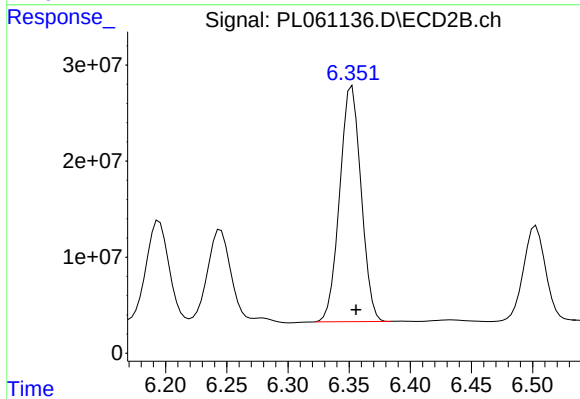
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 139962205  
Conc: 45.02 ng/ml



#12 4,4'-DDE

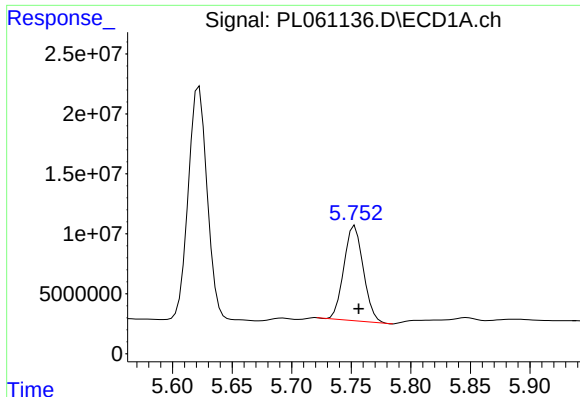
R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 213803193  
Conc: 116.20 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 298294946  
Conc: 103.21 ng/ml

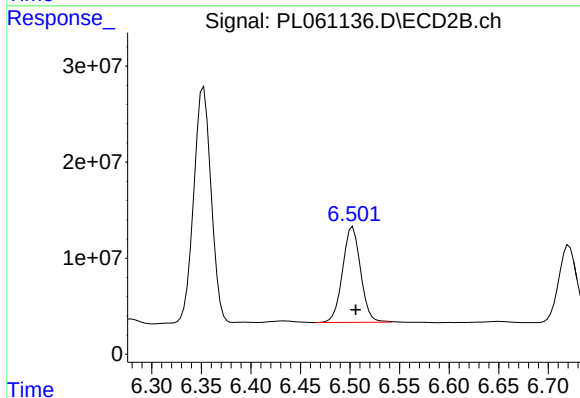




#13 Dieldrin

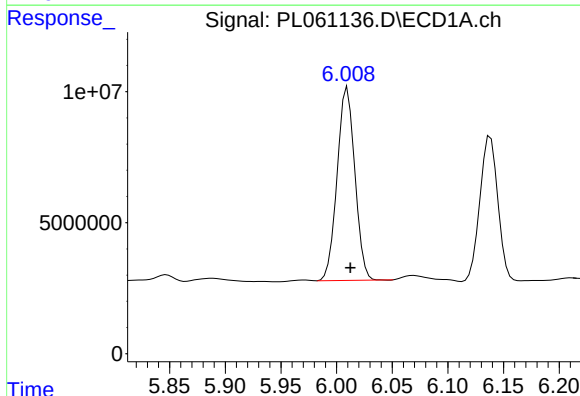
R.T.: 5.753 min  
Delta R.T.: -0.003 min  
Response: 89914598  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



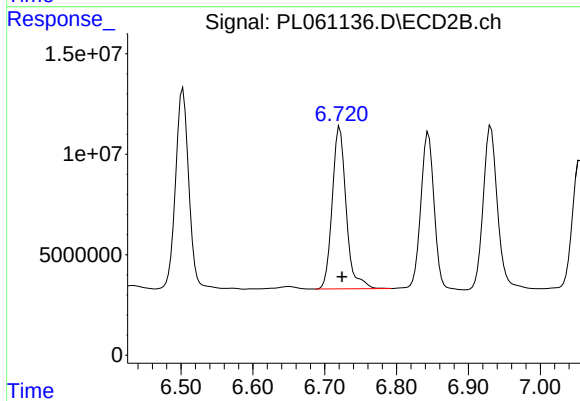
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: -0.003 min  
Response: 126006250  
Conc: 42.19 ng/ml



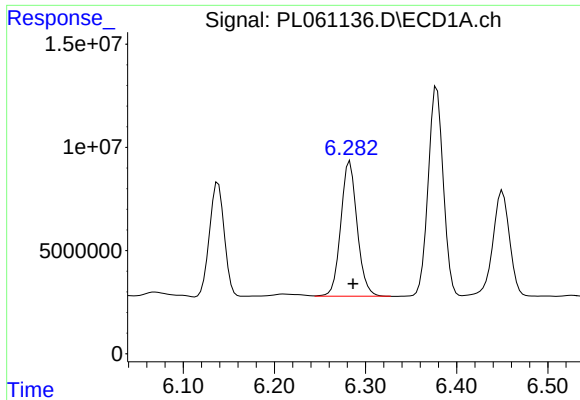
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 81691363  
Conc: 44.92 ng/ml



#14 Endrin

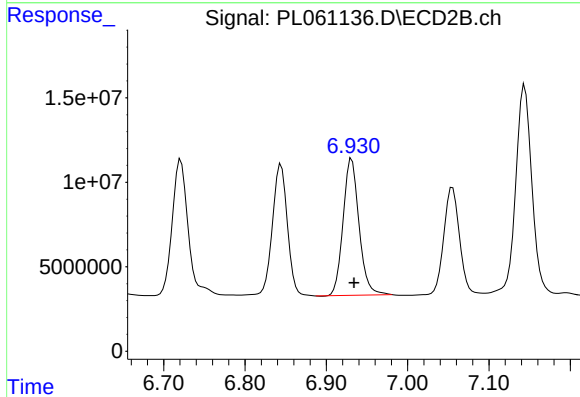
R.T.: 6.721 min  
Delta R.T.: -0.003 min  
Response: 108937403  
Conc: 42.89 ng/ml



#15 Endosulfan II

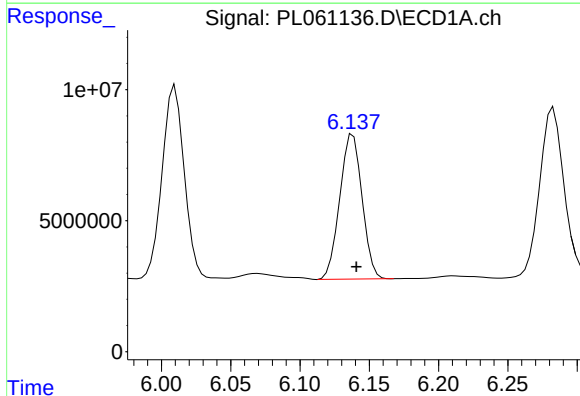
R.T.: 6.283 min  
Delta R.T.: -0.003 min  
Response: 81420779  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



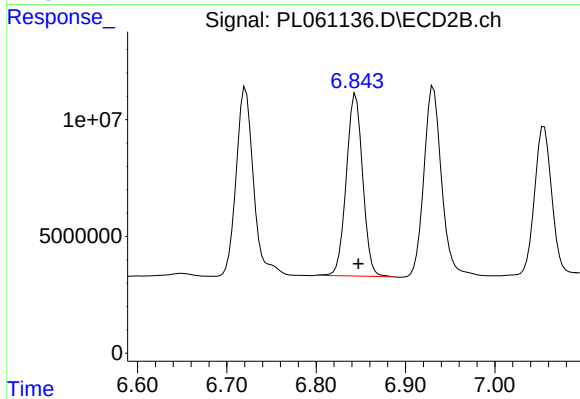
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: -0.003 min  
Response: 109967581  
Conc: 42.75 ng/ml



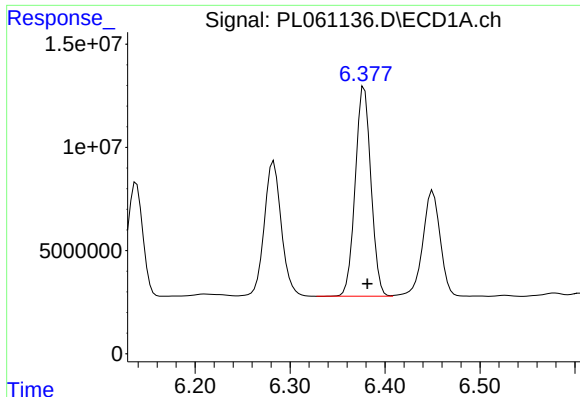
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 62036635  
Conc: 39.24 ng/ml



#16 4,4'-DDD

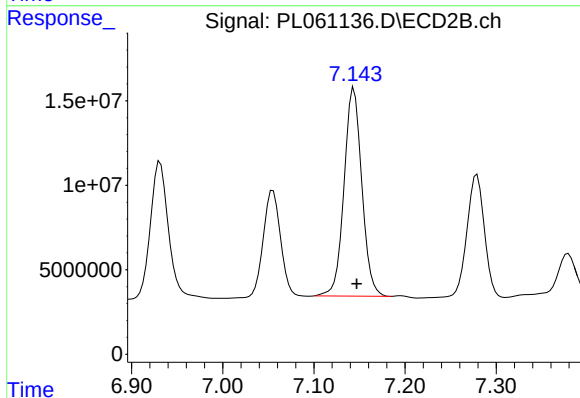
R.T.: 6.844 min  
Delta R.T.: -0.003 min  
Response: 99247473  
Conc: 42.50 ng/ml



#17 4,4'-DDT

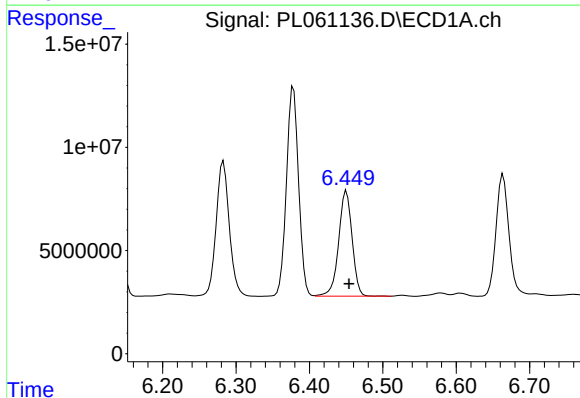
R.T.: 6.378 min  
Delta R.T.: -0.003 min  
Response: 116596716  
Conc: 77.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



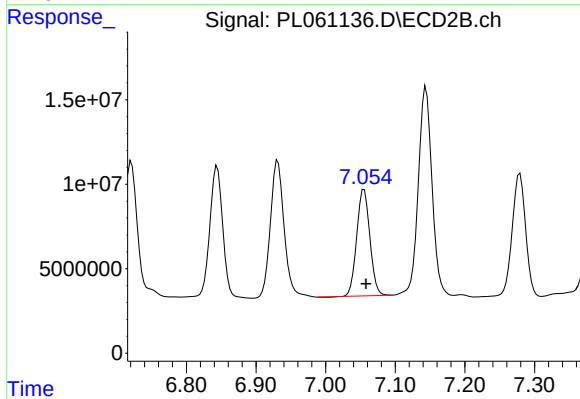
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: -0.003 min  
Response: 166958561  
Conc: 72.50 ng/ml



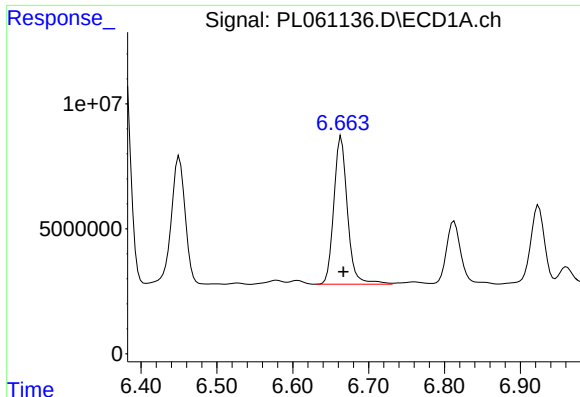
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: -0.003 min  
Response: 65227888  
Conc: 43.08 ng/ml



#18 Endrin aldehyde

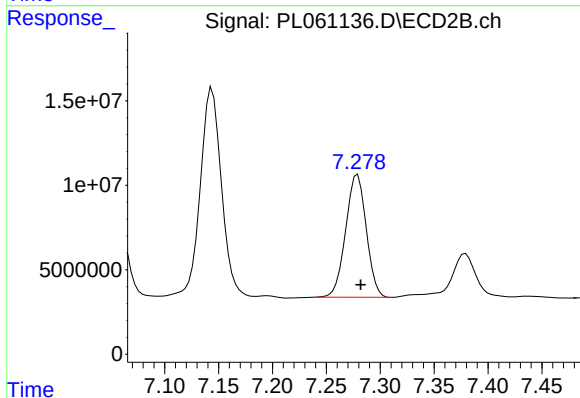
R.T.: 7.055 min  
Delta R.T.: -0.003 min  
Response: 82555972  
Conc: 37.84 ng/ml



#19 Endosulfan Sulfate

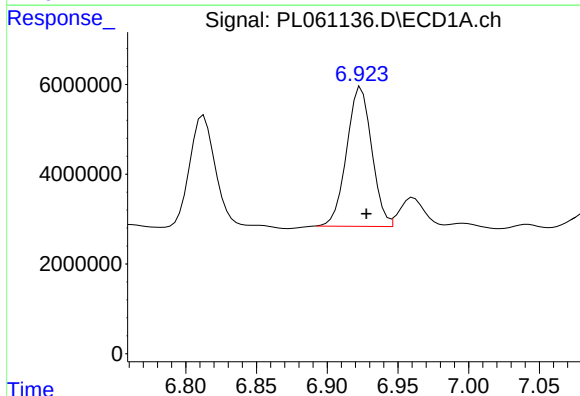
R.T.: 6.664 min  
Delta R.T.: -0.003 min  
Response: 73992445  
Conc: 43.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



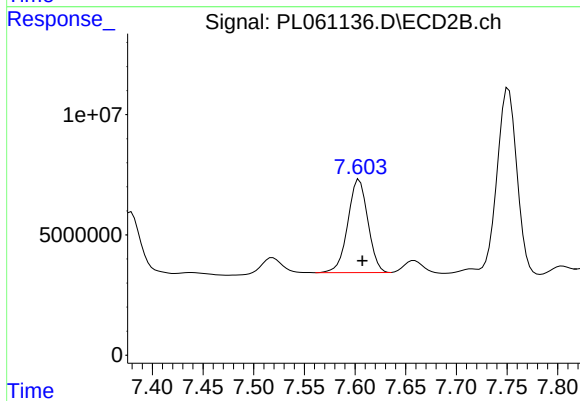
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: -0.003 min  
Response: 96752567  
Conc: 39.92 ng/ml



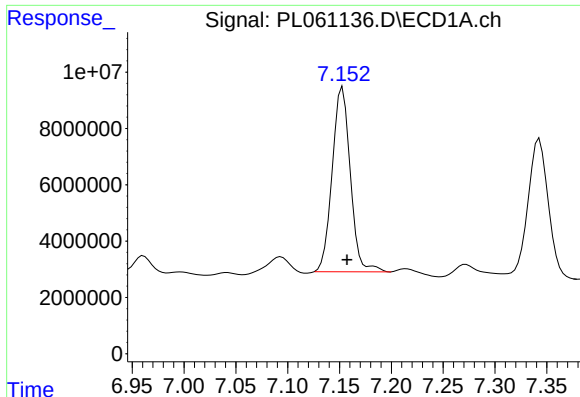
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: -0.004 min  
Response: 38370796  
Conc: 42.74 ng/ml



#20 Methoxychlor

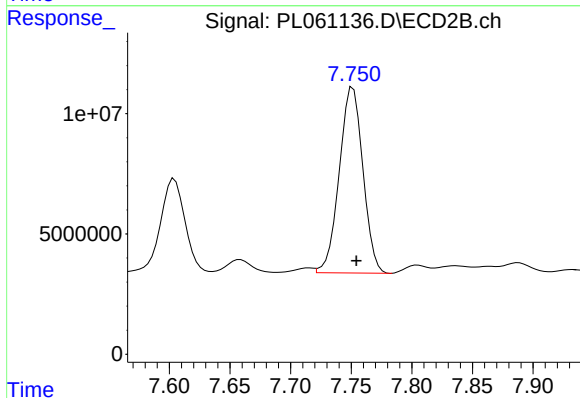
R.T.: 7.604 min  
Delta R.T.: -0.003 min  
Response: 53272552  
Conc: 41.21 ng/ml



#21 Endrin ketone

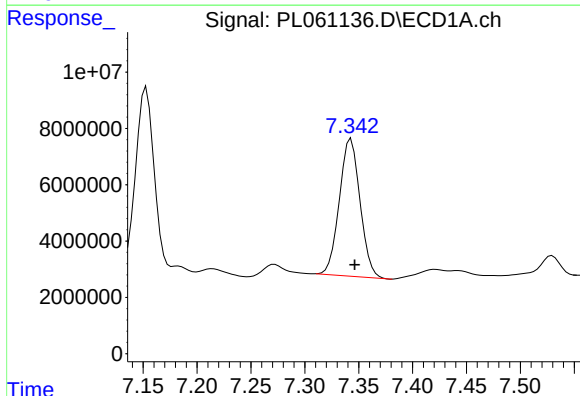
R.T.: 7.153 min  
Delta R.T.: -0.004 min  
Response: 79931980  
Conc: 41.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



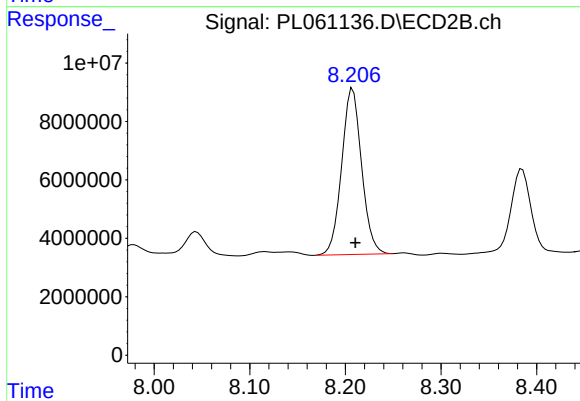
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: -0.003 min  
Response: 104795074  
Conc: 42.10 ng/ml



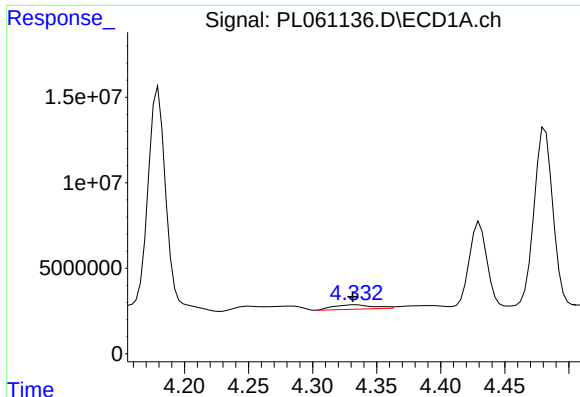
#22 Mirex

R.T.: 7.343 min  
Delta R.T.: -0.004 min  
Response: 65381669  
Conc: 45.91 ng/ml



#22 Mirex

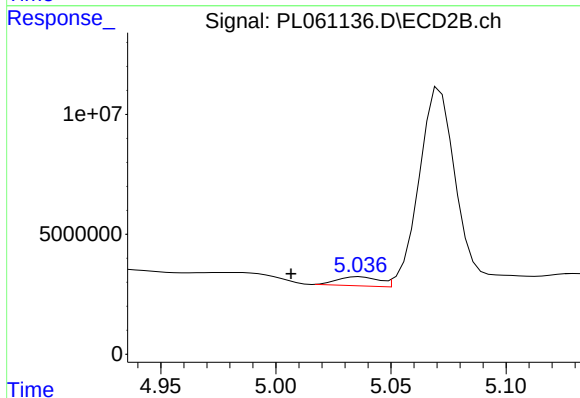
R.T.: 8.208 min  
Delta R.T.: -0.003 min  
Response: 82646656  
Conc: 47.50 ng/ml



#23 Chlordane-1

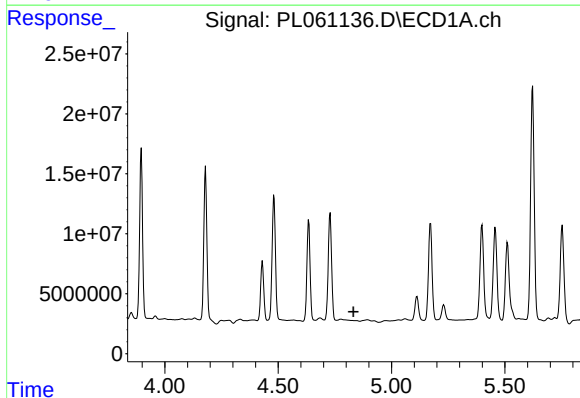
R.T.: 4.334 min  
Delta R.T.: 0.003 min  
Response: 5502534  
Conc: 90.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



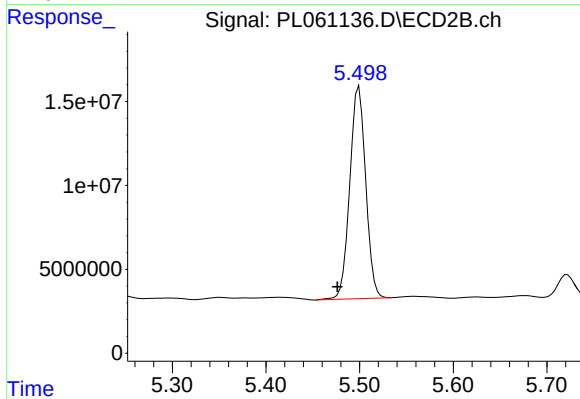
#23 Chlordane-1

R.T.: 5.036 min  
Delta R.T.: 0.030 min  
Response: 4421889  
Conc: 36.37 ng/ml



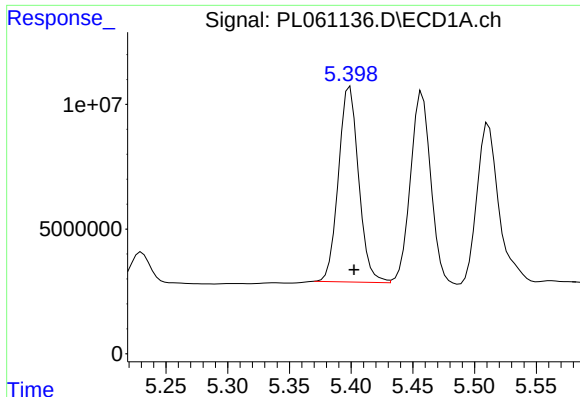
#24 Chlordane-2

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



#24 Chlordane-2

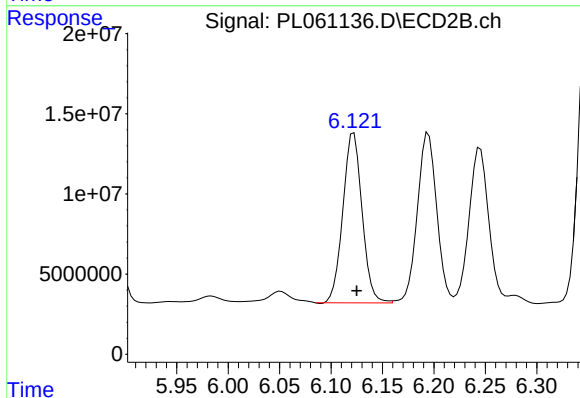
R.T.: 5.499 min  
Delta R.T.: 0.023 min  
Response: 149536335  
Conc: 1453.06 ng/ml



#25 Chlordane-3

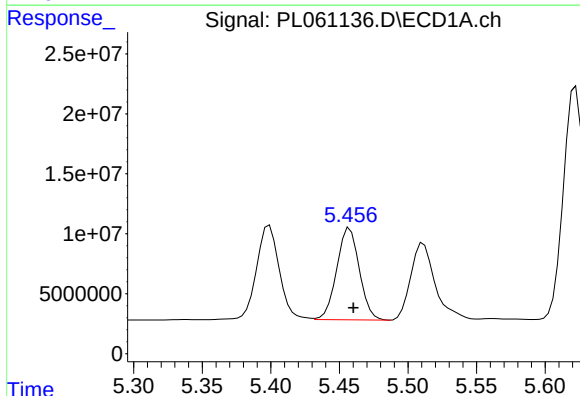
R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 89325270  
Conc: 494.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



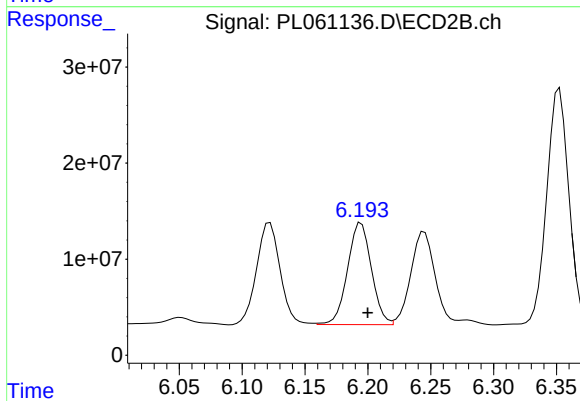
#25 Chlordane-3

R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 137730182  
Conc: 344.60 ng/ml



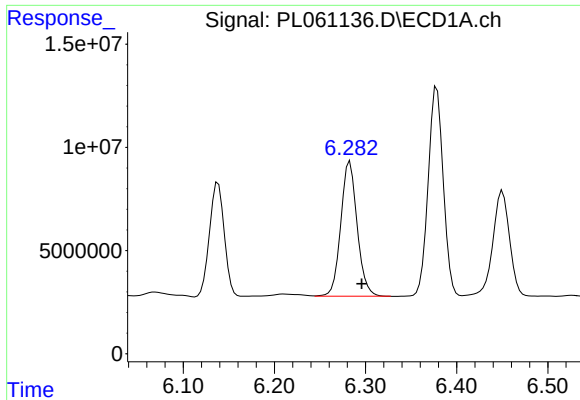
#26 Chlordane-4

R.T.: 5.458 min  
Delta R.T.: -0.003 min  
Response: 88047293  
Conc: 592.17 ng/ml



#26 Chlordane-4

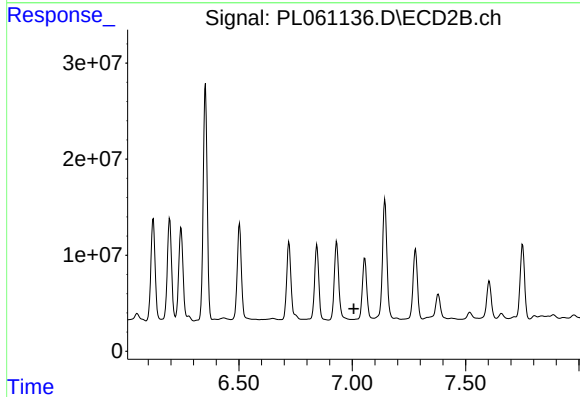
R.T.: 6.195 min  
Delta R.T.: -0.005 min  
Response: 139962205  
Conc: 291.15 ng/ml



#27 Chlordane-5

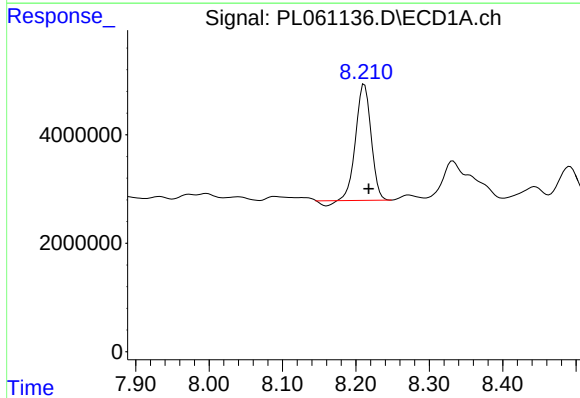
R.T.: 6.283 min  
Delta R.T.: -0.013 min  
Response: 81420779  
Conc: 1301.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



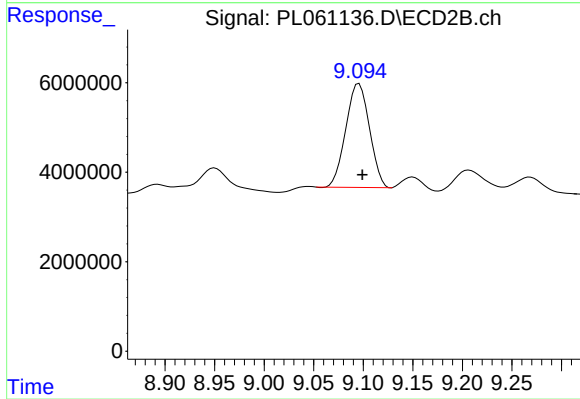
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.212 min  
Delta R.T.: -0.006 min  
Response: 30835612  
Conc: 18.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.003 min  
Response: 38571247  
Conc: 18.28 ng/ml