

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042021\  
 Data File : PL066336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2021 09:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 08:13:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 2021  
 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... | 3.444  | 4.153  | 119.8E6  | 206.3E6  | 47.081   | 51.280     |
| 2)                          | SA Decachlor... | 8.166  | 9.351  | 122.2E6  | 159.5E6  | 51.235   | 48.842     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.879  | 4.558  | 202.1E6  | 309.1E6  | 49.116   | 53.228     |
| 3)                          | MA gamma-BHC... | 4.158  | 4.851  | 195.0E6  | 280.7E6  | 50.039   | 52.732     |
| 4)                          | MA Heptachlor   | 4.457  | 5.367  | 203.0E6  | 280.8E6  | 48.947   | 50.458     |
| 5)                          | MB Aldrin       | 4.702  | 5.679  | 199.3E6  | 260.0E6  | 50.883   | 52.121     |
| 6)                          | B beta-BHC      | 4.406  | 5.027  | 86945728 | 126.8E6  | 49.336   | 50.707     |
| 7)                          | B delta-BHC     | 4.608  | 5.251  | 207.8E6  | 267.1E6  | 50.377   | 51.941     |
| 8)                          | B Heptachlo...  | 5.141  | 6.075  | 186.8E6  | 231.5E6  | 50.415   | 50.129     |
| 9)                          | A Endosulfan I  | 5.474  | 6.439  | 180.4E6  | 214.1E6  | 50.377   | 51.154     |
| 10)                         | B gamma-Chl...  | 5.366  | 6.311  | 193.7E6  | 236.6E6  | 52.312   | 51.834     |
| 11)                         | B alpha-Chl...  | 5.423  | 6.383  | 191.3E6  | 232.2E6  | 51.640   | 51.381     |
| 12)                         | B 4,4'-DDE      | 5.590  | 6.539  | 182.1E6  | 216.6E6  | 48.815   | 52.324     |
| 13)                         | MA Dieldrin     | 5.716  | 6.699  | 193.2E6  | 220.2E6  | 47.679   | 52.706     |
| 14)                         | MA Endrin       | 5.969  | 6.922  | 174.0E6  | 164.9E6  | 49.901   | 51.030     |
| 15)                         | B Endosulfa...  | 6.240  | 7.136  | 171.3E6  | 179.1E6  | 52.169   | 51.371     |
| 16)                         | A 4,4'-DDD      | 6.100  | 7.039  | 172.8E6  | 182.5E6  | 52.469   | 53.332     |
| 17)                         | MA 4,4'-DDT     | 6.339  | 7.340  | 160.9E6  | 163.9E6  | 50.485   | 48.323     |
| 18)                         | B Endrin al...  | 6.407  | 7.262  | 131.5E6  | 143.4E6  | 51.022   | 51.282     |
| 19)                         | B Endosulfa...  | 6.619  | 7.486  | 174.4E6  | 181.3E6  | 50.743   | 51.332     |
| 20)                         | A Methoxychlor  | 6.884  | 7.800  | 84939553 | 85294502 | 46.915   | 47.600     |
| 21)                         | B Endrin ke...  | 7.104  | 7.967  | 191.1E6  | 192.9E6  | 51.962   | 52.443     |
| 22)                         | Mirex           | 7.294  | 8.422  | 136.2E6  | 138.2E6  | 47.619   | 48.829     |
| 23)                         | Chlordane-1     | 4.332f | 0.000  | 3615561  | 0        | 31.626   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.679f | 0        | 260.0E6  | N.D.     | 1477.872 # |
| 25)                         | Chlordane-3     | 5.366  | 6.311  | 193.7E6  | 236.6E6  | 532.921  | 359.779 #  |
| 26)                         | Chlordane-4     | 5.423  | 6.383  | 191.3E6  | 232.2E6  | 606.188  | 295.641 #  |
| 27)                         | Chlordane-5     | 6.240  | 0.000  | 171.3E6  | 0        | 1212.385 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

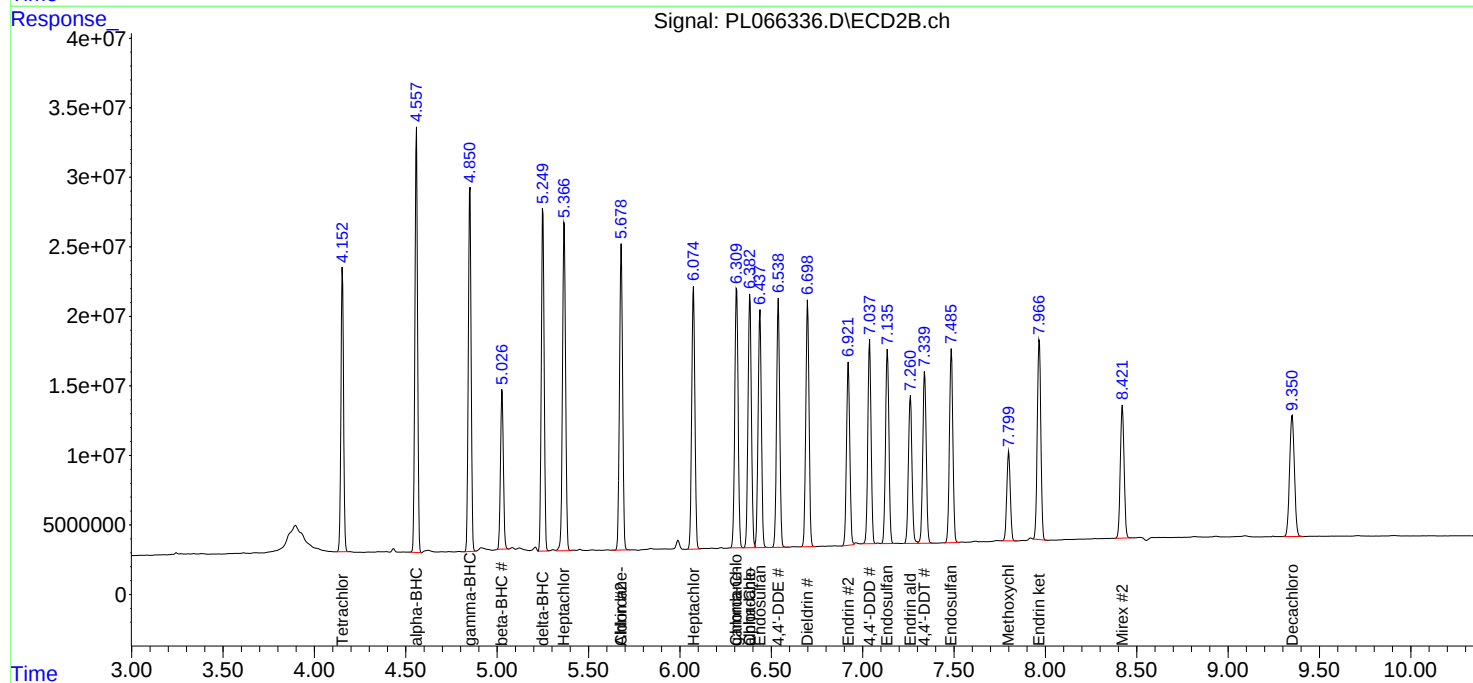
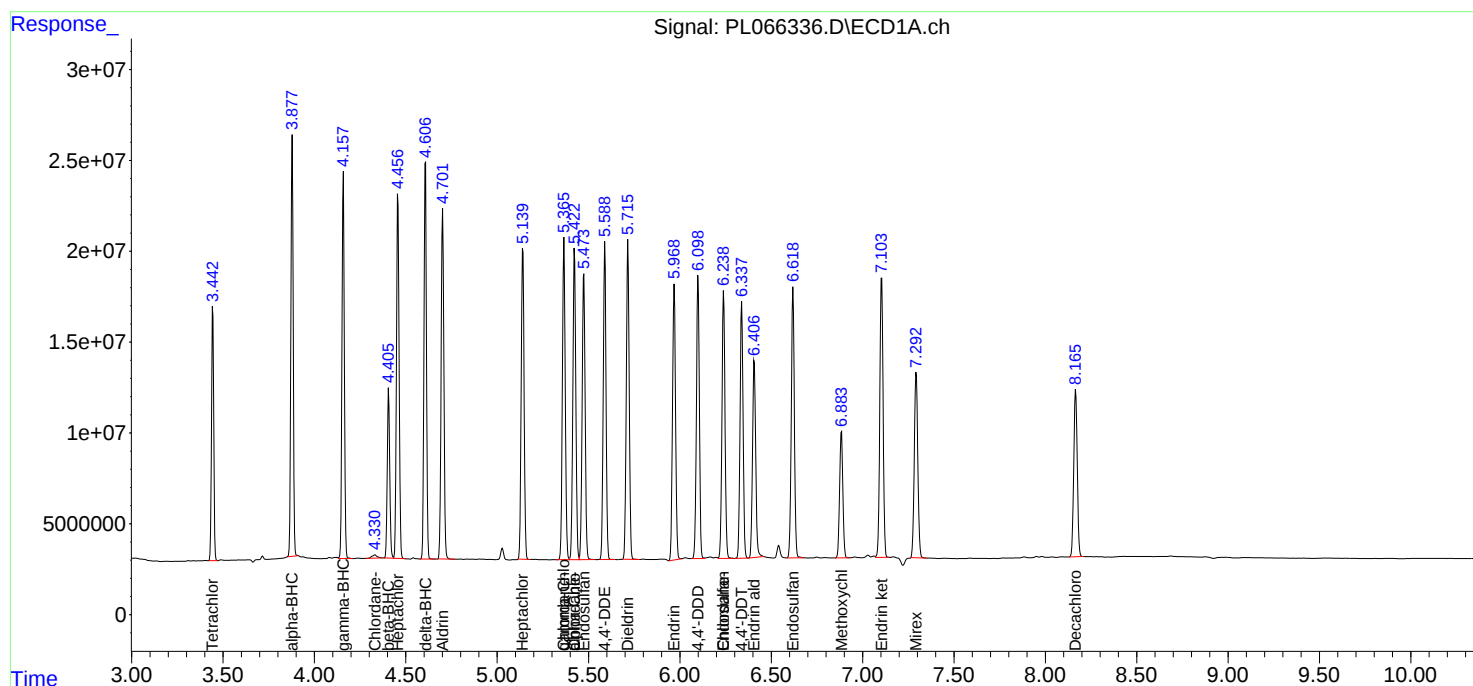
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

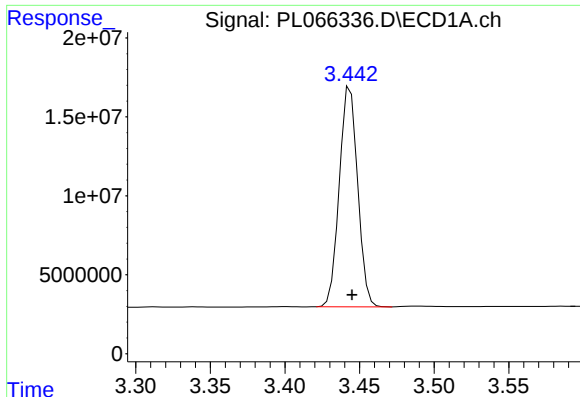
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042021\  
Data File : PL066336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2021 09:42  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 08:13:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 2021  
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

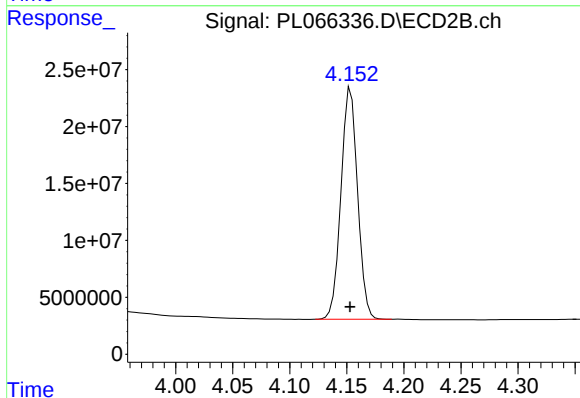




#1 Tetrachloro-m-xylene

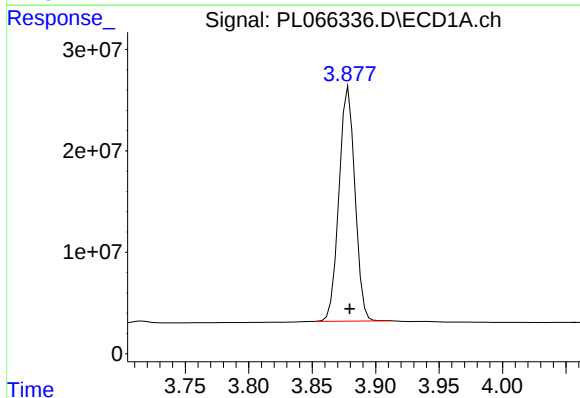
R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 119834607  
Conc: 47.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



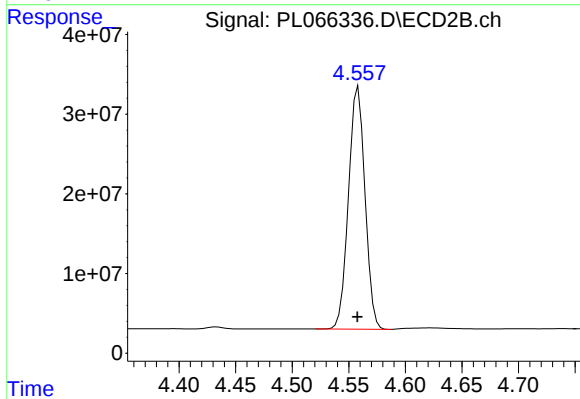
#1 Tetrachloro-m-xylene

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 206277626  
Conc: 51.28 ng/ml



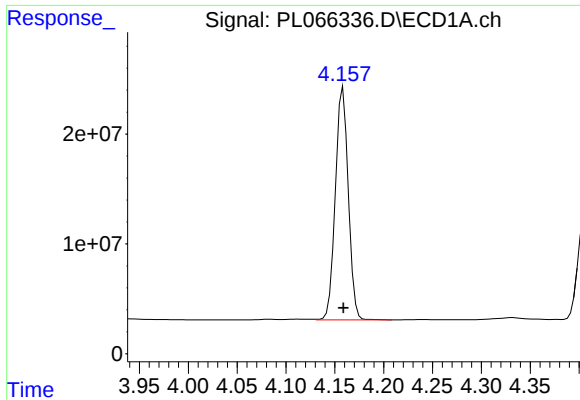
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 202100264  
Conc: 49.12 ng/ml



#2 alpha-BHC

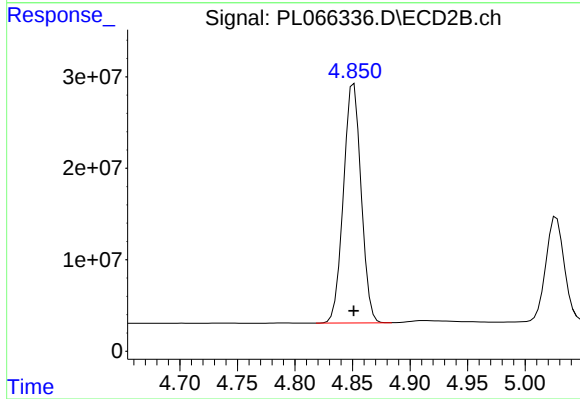
R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 309084248  
Conc: 53.23 ng/ml



#3 gamma-BHC (Lindane)

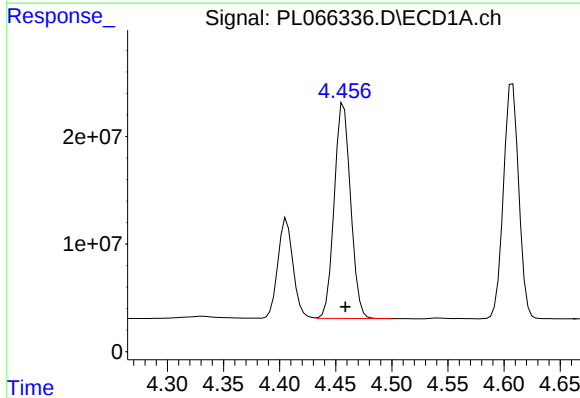
R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 194997368  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



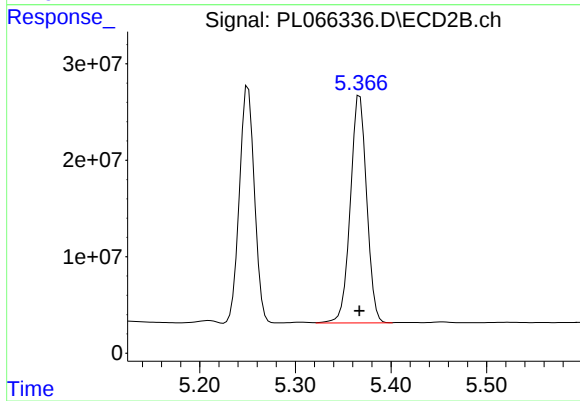
#3 gamma-BHC (Lindane)

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 280735859  
Conc: 52.73 ng/ml



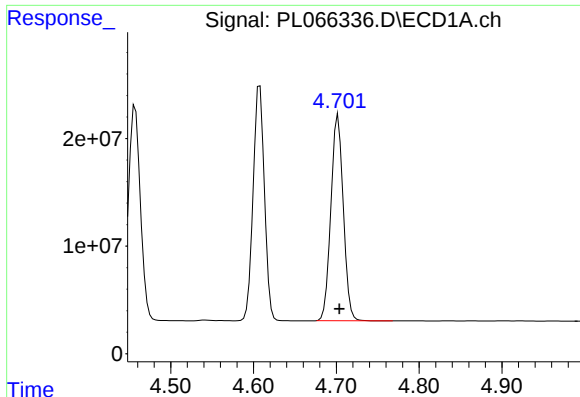
#4 Heptachlor

R.T.: 4.457 min  
Delta R.T.: -0.002 min  
Response: 203022890  
Conc: 48.95 ng/ml



#4 Heptachlor

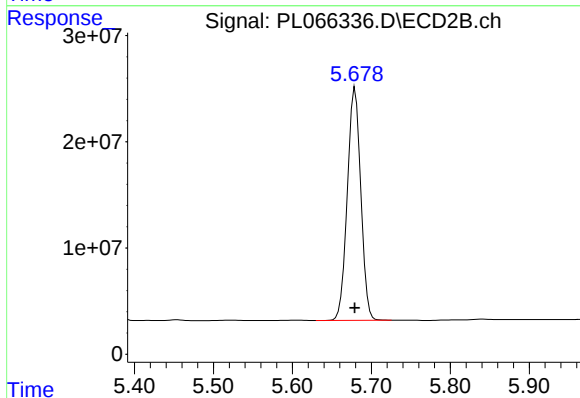
R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 280848124  
Conc: 50.46 ng/ml



#5 Aldrin

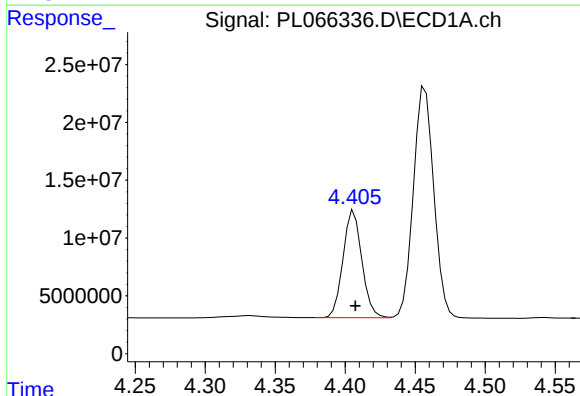
R.T.: 4.702 min  
Delta R.T.: -0.002 min  
Response: 199269217  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



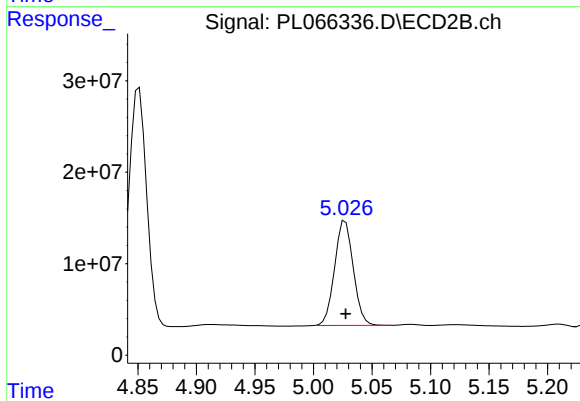
#5 Aldrin

R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 260002763  
Conc: 52.12 ng/ml



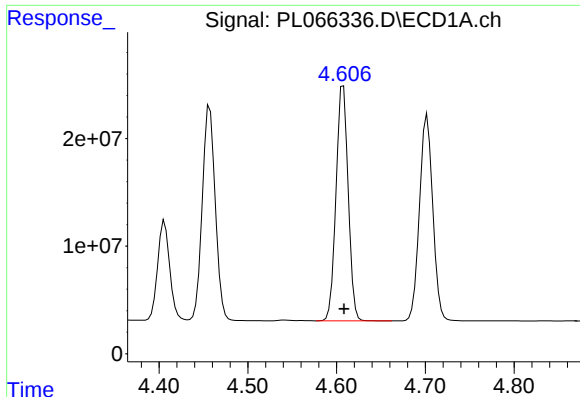
#6 beta-BHC

R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 86945728  
Conc: 49.34 ng/ml



#6 beta-BHC

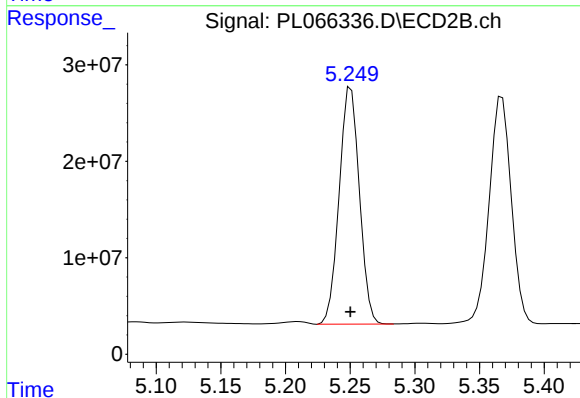
R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 126754129  
Conc: 50.71 ng/ml



#7 delta-BHC

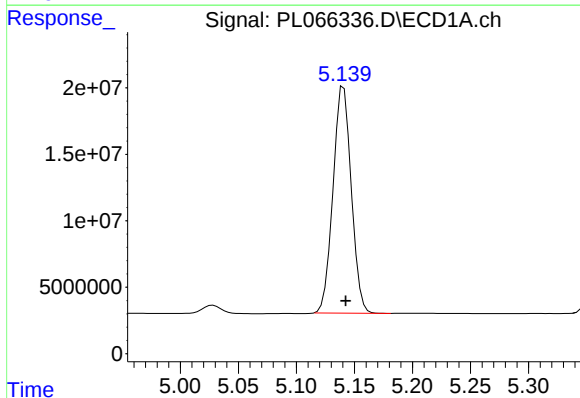
R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 207807023  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



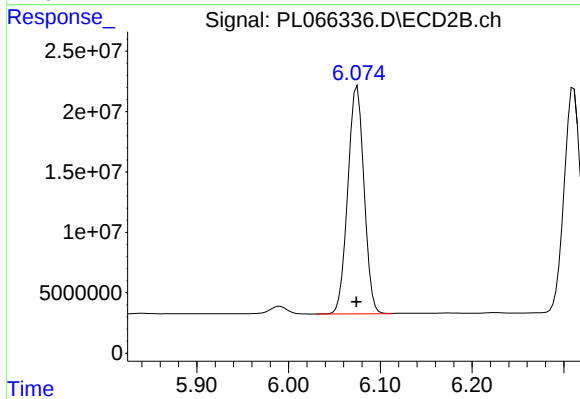
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 267091231  
Conc: 51.94 ng/ml



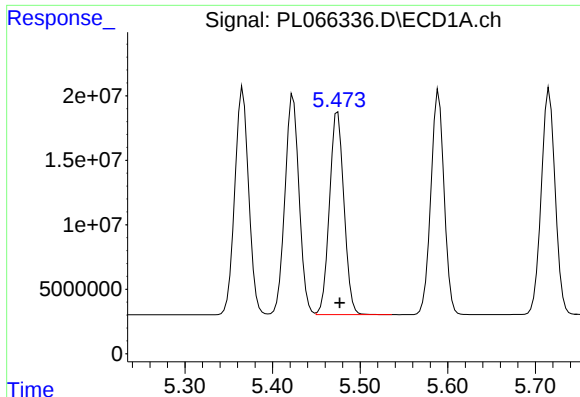
#8 Heptachlor epoxide

R.T.: 5.141 min  
Delta R.T.: -0.002 min  
Response: 186807961  
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

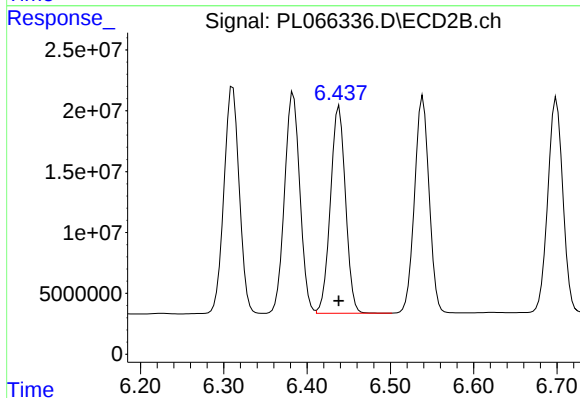
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 231542185  
Conc: 50.13 ng/ml



#9 Endosulfan I

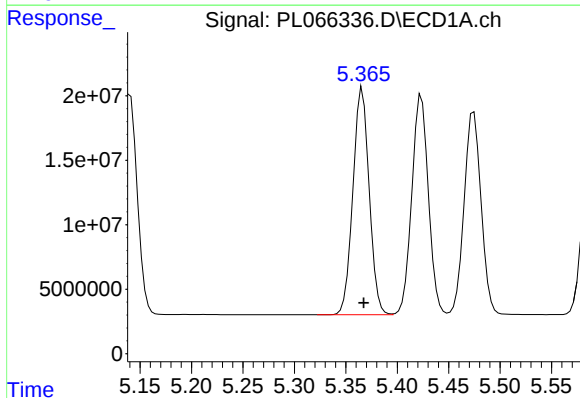
R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 180376635  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



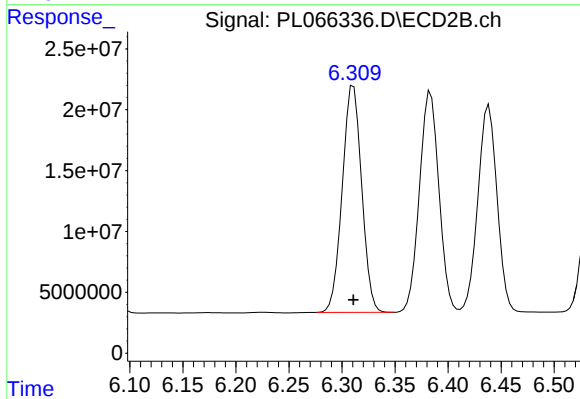
#9 Endosulfan I

R.T.: 6.439 min  
Delta R.T.: 0.000 min  
Response: 214052582  
Conc: 51.15 ng/ml



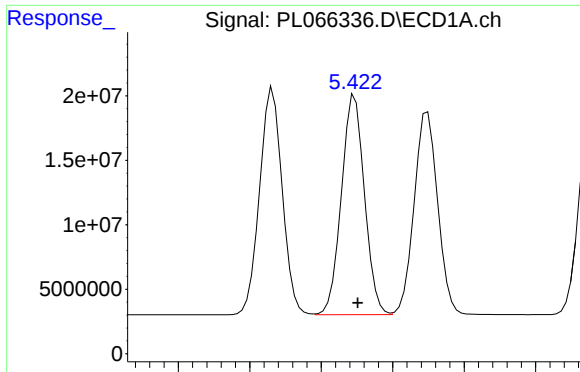
#10 gamma-Chlordane

R.T.: 5.366 min  
Delta R.T.: -0.001 min  
Response: 193693442  
Conc: 52.31 ng/ml



#10 gamma-Chlordane

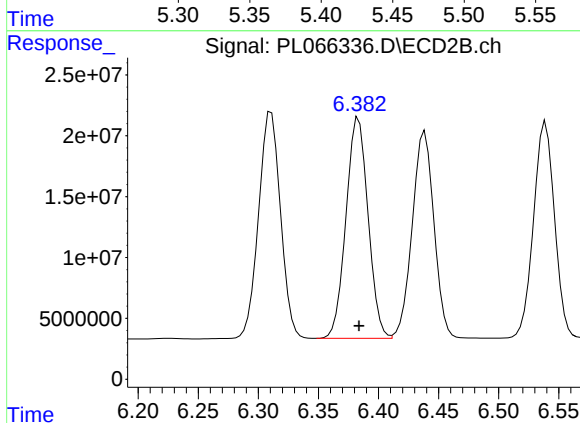
R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 236565731  
Conc: 51.83 ng/ml



#11 alpha-Chlordane

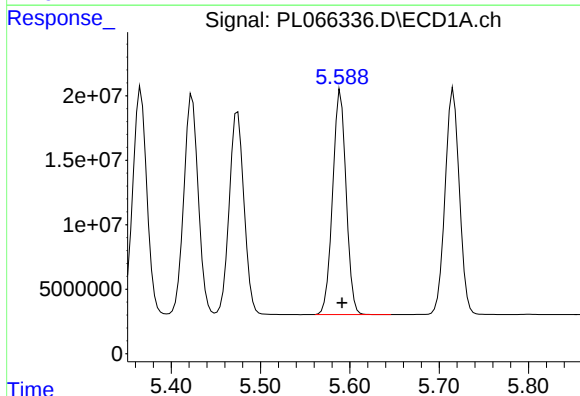
R.T.: 5.423 min  
Delta R.T.: -0.002 min  
Response: 191259654  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



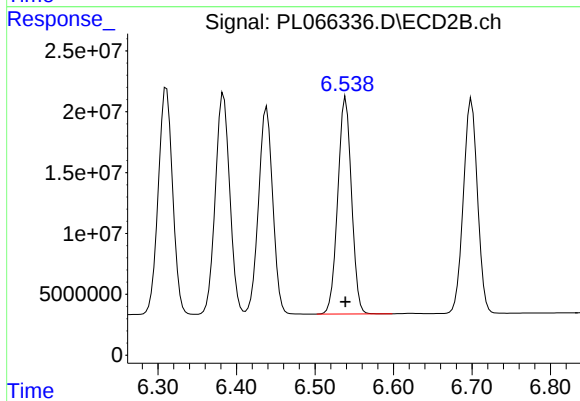
#11 alpha-Chlordane

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 232239043  
Conc: 51.38 ng/ml



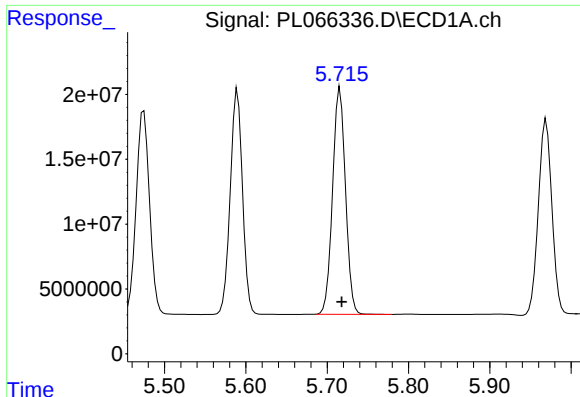
#12 4,4'-DDE

R.T.: 5.590 min  
Delta R.T.: -0.002 min  
Response: 182088129  
Conc: 48.82 ng/ml



#12 4,4'-DDE

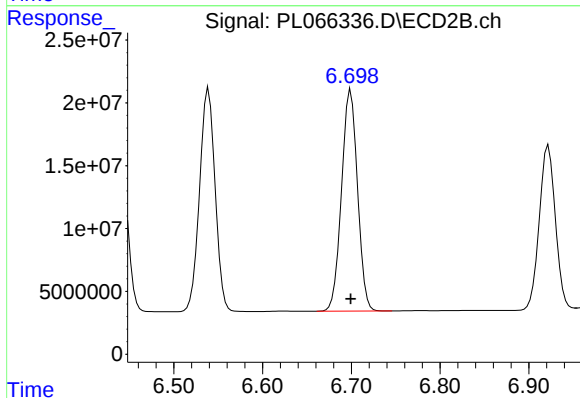
R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 216573355  
Conc: 52.32 ng/ml



#13 Dieldrin

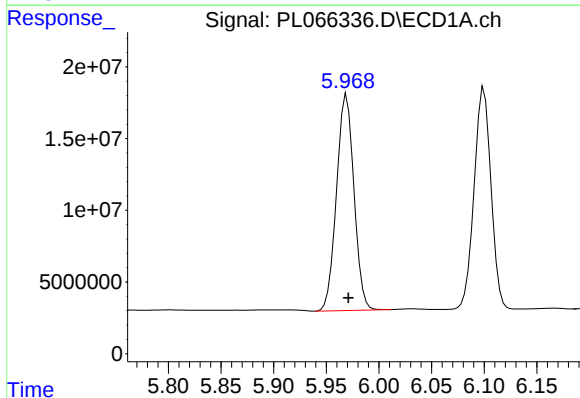
R.T.: 5.716 min  
Delta R.T.: -0.002 min  
Response: 193154071  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



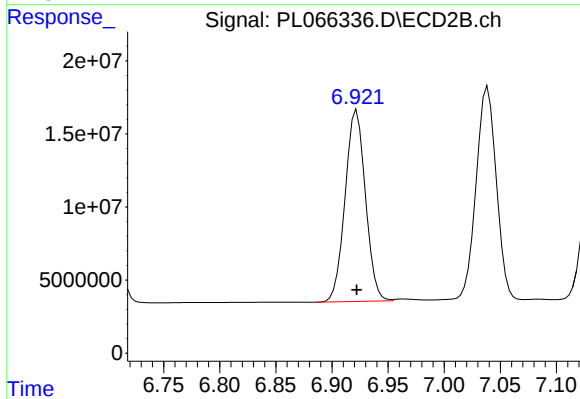
#13 Dieldrin

R.T.: 6.699 min  
Delta R.T.: 0.000 min  
Response: 220219776  
Conc: 52.71 ng/ml



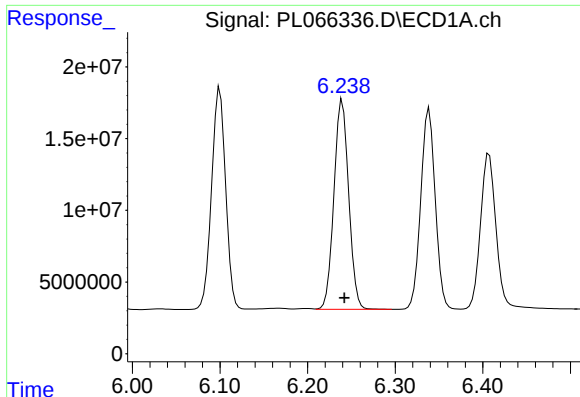
#14 Endrin

R.T.: 5.969 min  
Delta R.T.: -0.002 min  
Response: 173992217  
Conc: 49.90 ng/ml



#14 Endrin

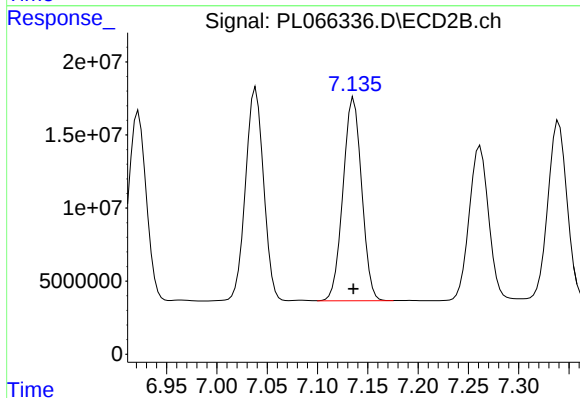
R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 164905923  
Conc: 51.03 ng/ml



#15 Endosulfan II

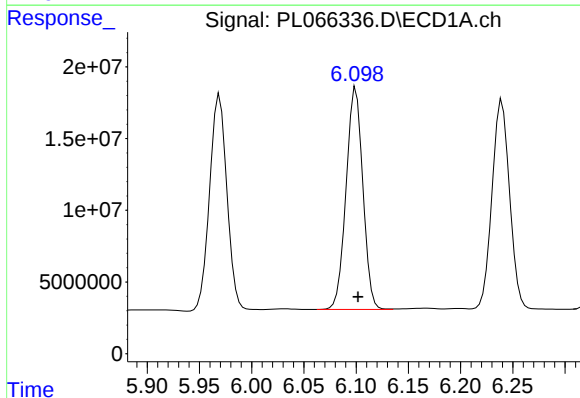
R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 171287791  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



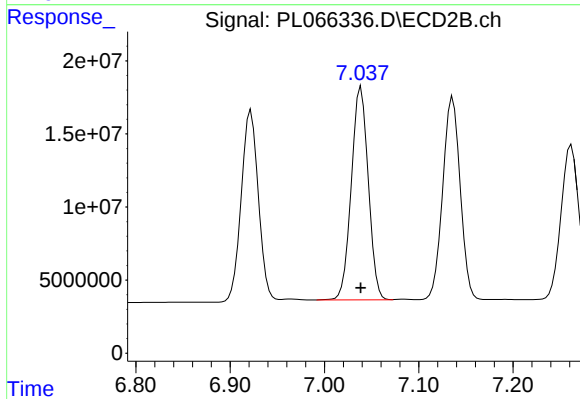
#15 Endosulfan II

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 179075560  
Conc: 51.37 ng/ml



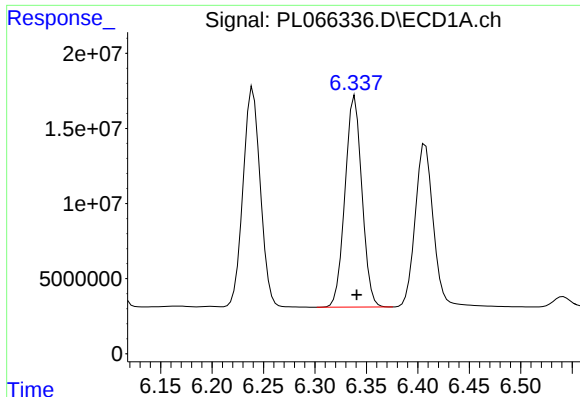
#16 4,4'-DDD

R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 172779161  
Conc: 52.47 ng/ml



#16 4,4'-DDD

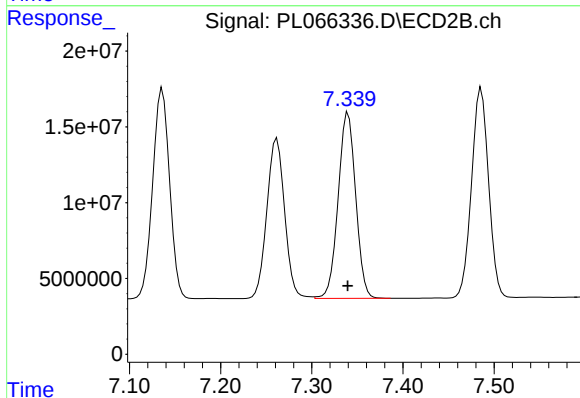
R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 182513858  
Conc: 53.33 ng/ml



#17 4,4'-DDT

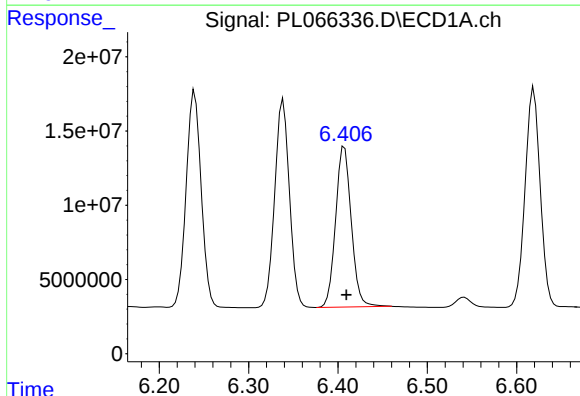
R.T.: 6.339 min  
Delta R.T.: -0.002 min  
Response: 160910917  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



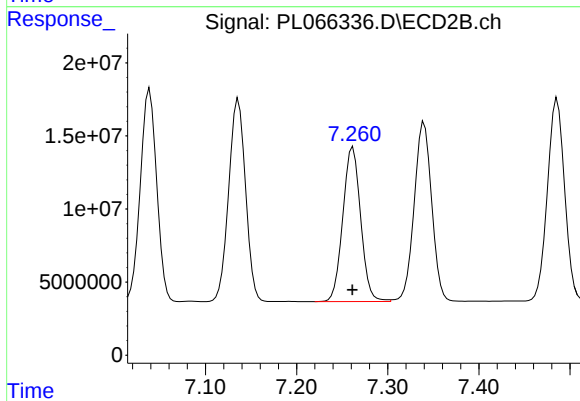
#17 4,4'-DDT

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 163930047  
Conc: 48.32 ng/ml



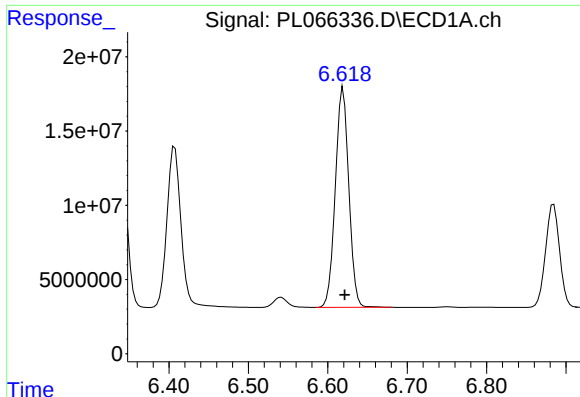
#18 Endrin aldehyde

R.T.: 6.407 min  
Delta R.T.: -0.002 min  
Response: 131538850  
Conc: 51.02 ng/ml



#18 Endrin aldehyde

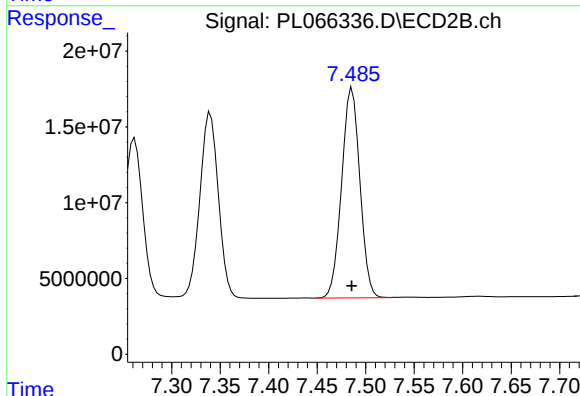
R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: 143439025  
Conc: 51.28 ng/ml



#19 Endosulfan Sulfate

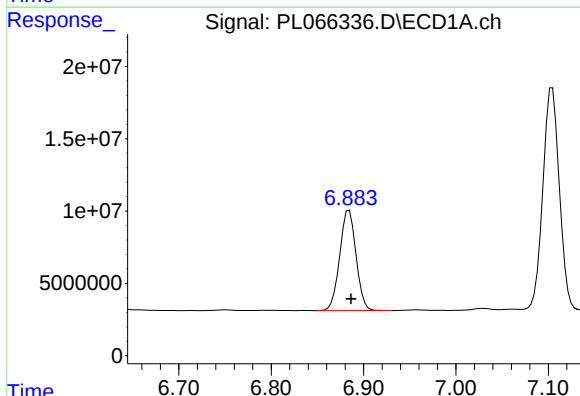
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 174445711  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



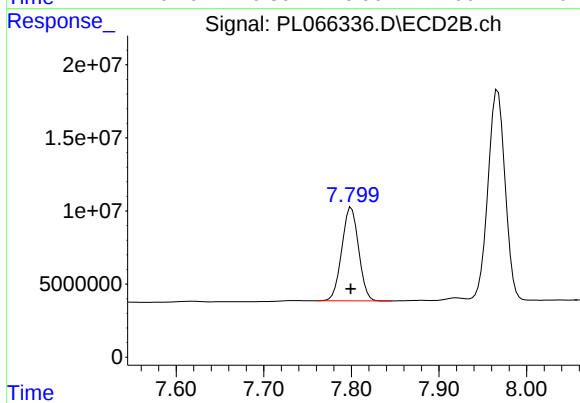
#19 Endosulfan Sulfate

R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 181346600  
Conc: 51.33 ng/ml



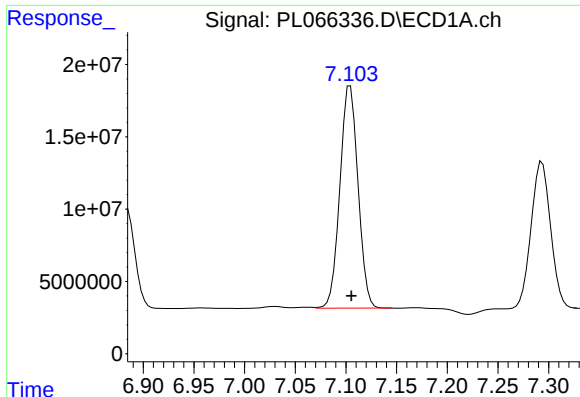
#20 Methoxychlor

R.T.: 6.884 min  
Delta R.T.: -0.002 min  
Response: 84939553  
Conc: 46.91 ng/ml



#20 Methoxychlor

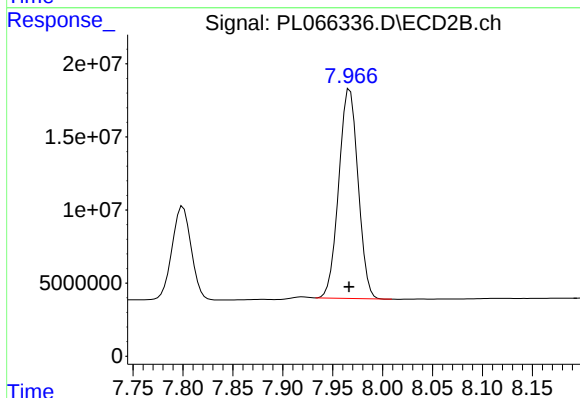
R.T.: 7.800 min  
Delta R.T.: 0.000 min  
Response: 85294502  
Conc: 47.60 ng/ml



#21 Endrin ketone

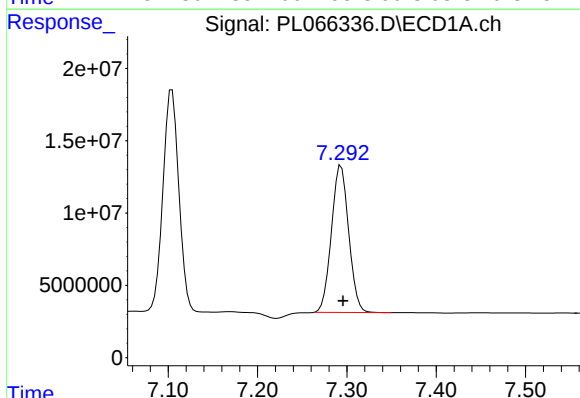
R.T.: 7.104 min  
Delta R.T.: -0.001 min  
Response: 191057905  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



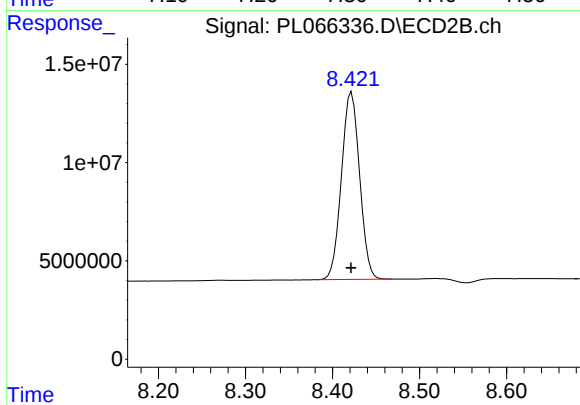
#21 Endrin ketone

R.T.: 7.967 min  
Delta R.T.: 0.000 min  
Response: 192922707  
Conc: 52.44 ng/ml



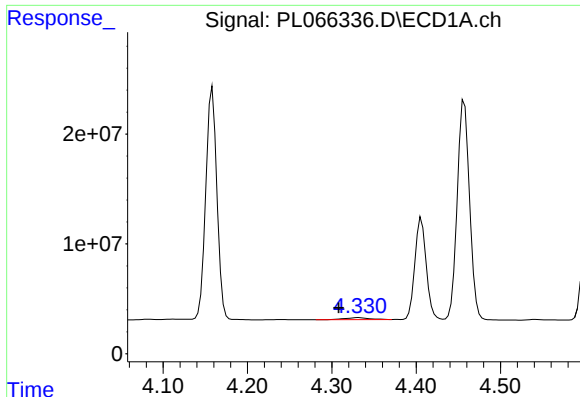
#22 Mirex

R.T.: 7.294 min  
Delta R.T.: -0.002 min  
Response: 136189967  
Conc: 47.62 ng/ml



#22 Mirex

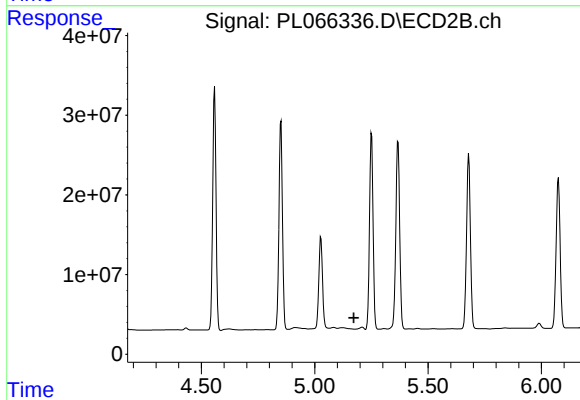
R.T.: 8.422 min  
Delta R.T.: 0.000 min  
Response: 138217480  
Conc: 48.83 ng/ml



#23 Chlordane-1

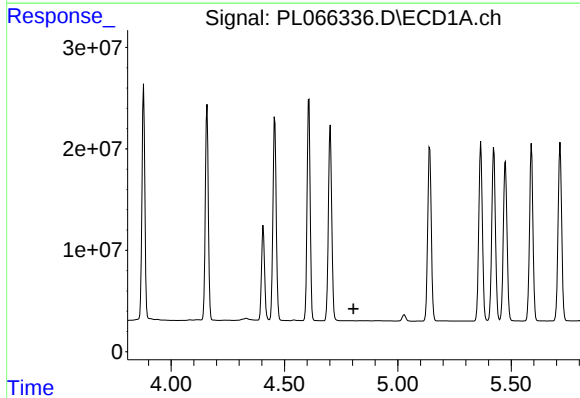
R.T.: 4.332 min  
Delta R.T.: 0.023 min  
Response: 3615561  
Conc: 31.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



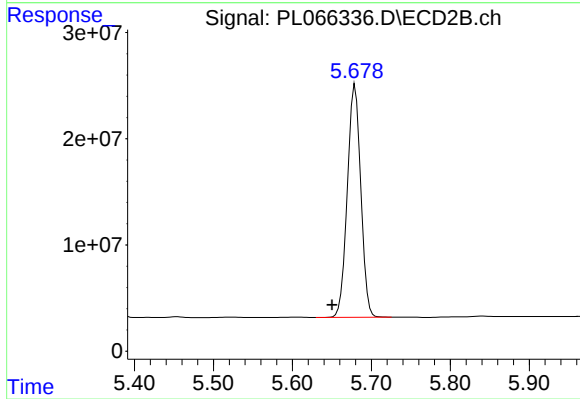
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.173 min  
Response: 0  
Conc: N.D.



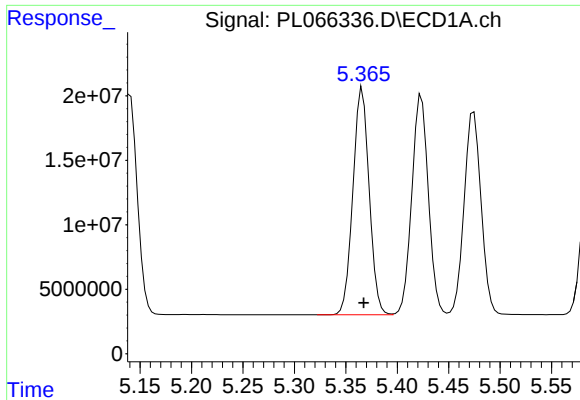
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.805 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

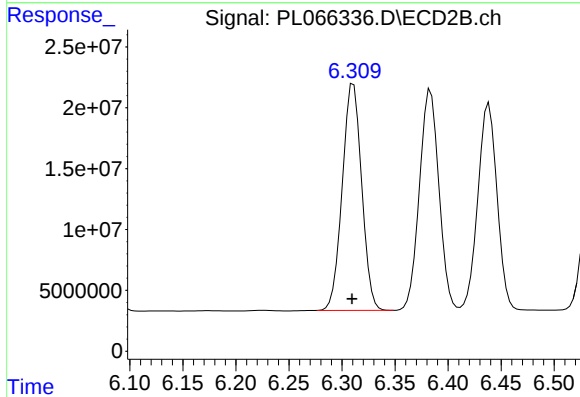
R.T.: 5.679 min  
Delta R.T.: 0.029 min  
Response: 260002763  
Conc: 1477.87 ng/ml



#25 Chlordane-3

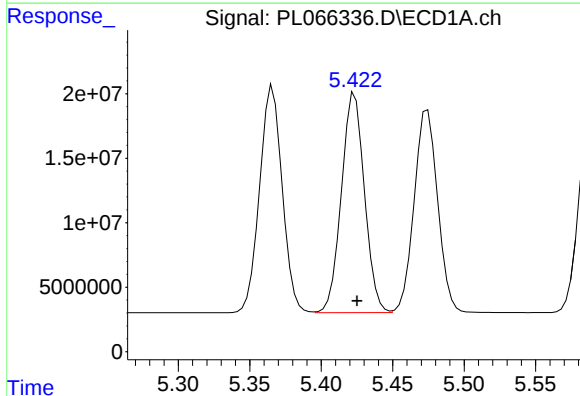
R.T.: 5.366 min  
Delta R.T.: -0.001 min  
Response: 193693442  
Conc: 532.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



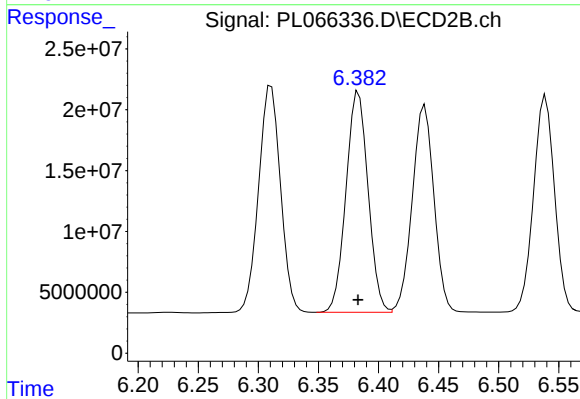
#25 Chlordane-3

R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 236565731  
Conc: 359.78 ng/ml



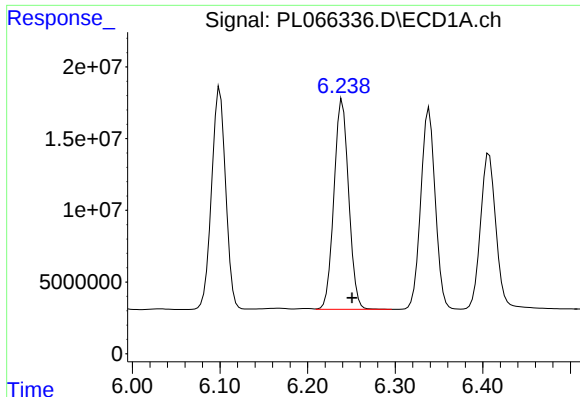
#26 Chlordane-4

R.T.: 5.423 min  
Delta R.T.: -0.002 min  
Response: 191259654  
Conc: 606.19 ng/ml



#26 Chlordane-4

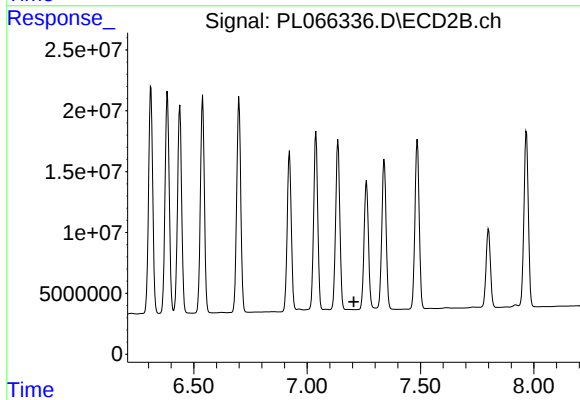
R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 232239043  
Conc: 295.64 ng/ml



#27 Chlordane-5

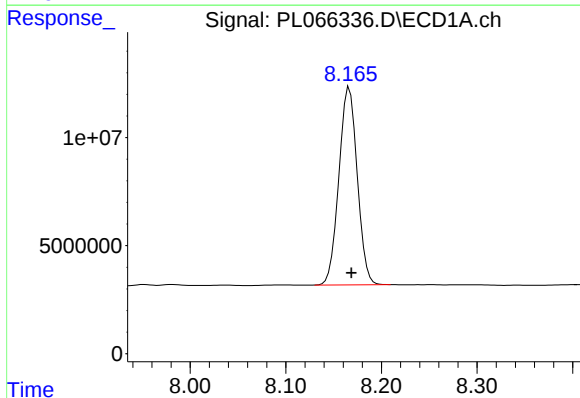
R.T.: 6.240 min  
Delta R.T.: -0.011 min  
Response: 171287791  
Conc: 1212.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



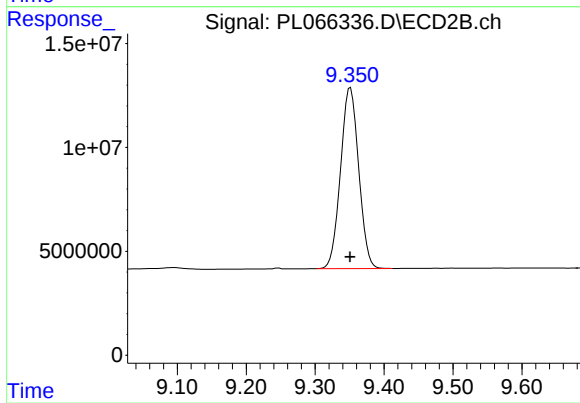
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.206 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.166 min  
Delta R.T.: -0.002 min  
Response: 122209772  
Conc: 51.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.351 min  
Delta R.T.: 0.000 min  
Response: 159513499  
Conc: 48.84 ng/ml