

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081319\  
 Data File : PL051427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2019 20:02  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 00:46:27 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.316  | 3.927  | 554.1E6 | 144.8E6  | 55.142   | 50.734     |
| 28)                         | SA Decachlor... | 7.977  | 8.956  | 546.9E6 | 139.9E6  | 54.008   | 49.486     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.743  | 4.315  | 924.7E6 | 219.6E6  | 55.178   | 53.214     |
| 3)                          | MA gamma-BHC... | 4.018  | 4.598  | 863.7E6 | 208.0E6  | 56.150   | 53.707     |
| 4)                          | MA Heptachlor   | 4.302  | 5.099  | 899.3E6 | 214.8E6  | 54.809   | 51.804     |
| 5)                          | MB Aldrin       | 4.540  | 5.401  | 863.5E6 | 200.8E6  | 55.742   | 53.279     |
| 6)                          | B beta-BHC      | 4.273  | 4.775  | 359.4E6 | 94868568 | 54.814   | 54.874     |
| 7)                          | B delta-BHC     | 4.466  | 4.989  | 911.8E6 | 210.6E6  | 55.565   | 54.448     |
| 8)                          | B Heptachlo...  | 4.976  | 5.788  | 803.7E6 | 193.7E6  | 54.404   | 50.650     |
| 9)                          | A Endosulfan I  | 5.307  | 6.143  | 761.6E6 | 183.7E6  | 52.366   | 53.432     |
| 10)                         | B gamma-Chl...  | 5.198  | 6.022  | 849.9E6 | 199.9E6  | 53.851   | 54.099     |
| 11)                         | B alpha-Chl...  | 5.254  | 6.093  | 818.0E6 | 197.9E6  | 53.618   | 54.004     |
| 12)                         | B 4,4'-DDE      | 5.422  | 6.254  | 765.7E6 | 196.6E6  | 51.093   | 54.568     |
| 13)                         | MA Dieldrin     | 5.545  | 6.400  | 833.8E6 | 195.2E6  | 53.808   | 55.124     |
| 14)                         | MA Endrin       | 5.798  | 6.617  | 761.1E6 | 164.3E6  | 51.704   | 52.960     |
| 15)                         | B Endosulfa...  | 6.073  | 6.829  | 723.1E6 | 172.6E6  | 51.668   | 54.292     |
| 16)                         | A 4,4'-DDD      | 5.932  | 6.745  | 667.3E6 | 146.4E6  | 55.682   | 54.981     |
| 17)                         | MA 4,4'-DDT     | 6.166  | 7.042  | 635.3E6 | 145.9E6  | 51.289   | 54.034     |
| 18)                         | B Endrin al...  | 6.239  | 6.953  | 592.9E6 | 133.2E6  | 51.392   | 49.025     |
| 19)                         | B Endosulfa...  | 6.451  | 7.177  | 658.9E6 | 158.8E6  | 51.719   | 54.977     |
| 20)                         | A Methoxychlor  | 6.711  | 7.503  | 322.1E6 | 82418813 | 51.620   | 56.172     |
| 21)                         | B Endrin ke...  | 6.932  | 7.645  | 728.7E6 | 169.9E6  | 53.278   | 58.779     |
| 22)                         | Mirex           | 7.106  | 8.093  | 502.3E6 | 120.9E6  | 51.231   | 52.635     |
| 23)                         | Chlordane-1     | 4.187f | 0.000  | 659864  | 0        | 1.793    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.401f | 0       | 200.8E6  | N.D.     | 1709.413 # |
| 25)                         | Chlordane-3     | 5.198  | 6.022  | 849.9E6 | 199.9E6  | 607.192  | 415.631 #  |
| 26)                         | Chlordane-4     | 5.254  | 6.093  | 818.0E6 | 197.9E6  | 620.178  | 340.725 #  |
| 27)                         | Chlordane-5     | 6.073  | 0.000  | 723.1E6 | 0        | 1423.579 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

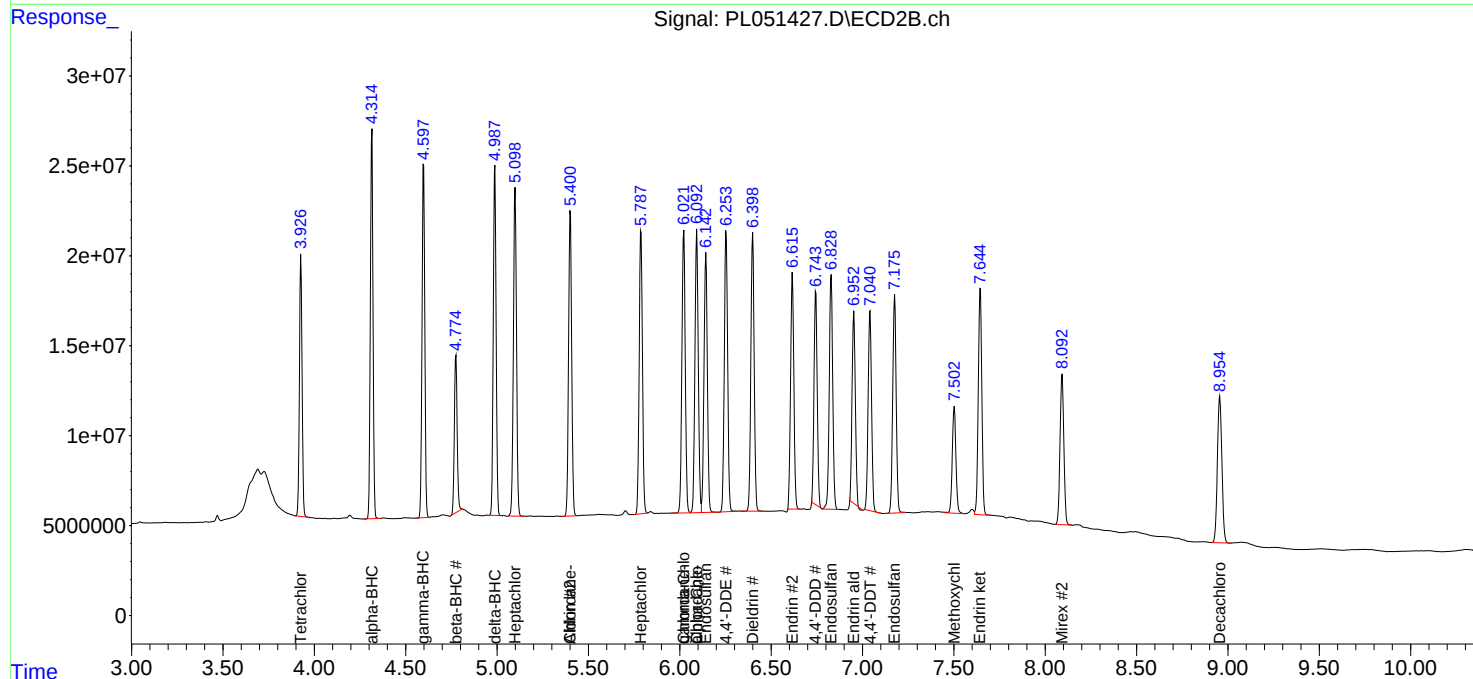
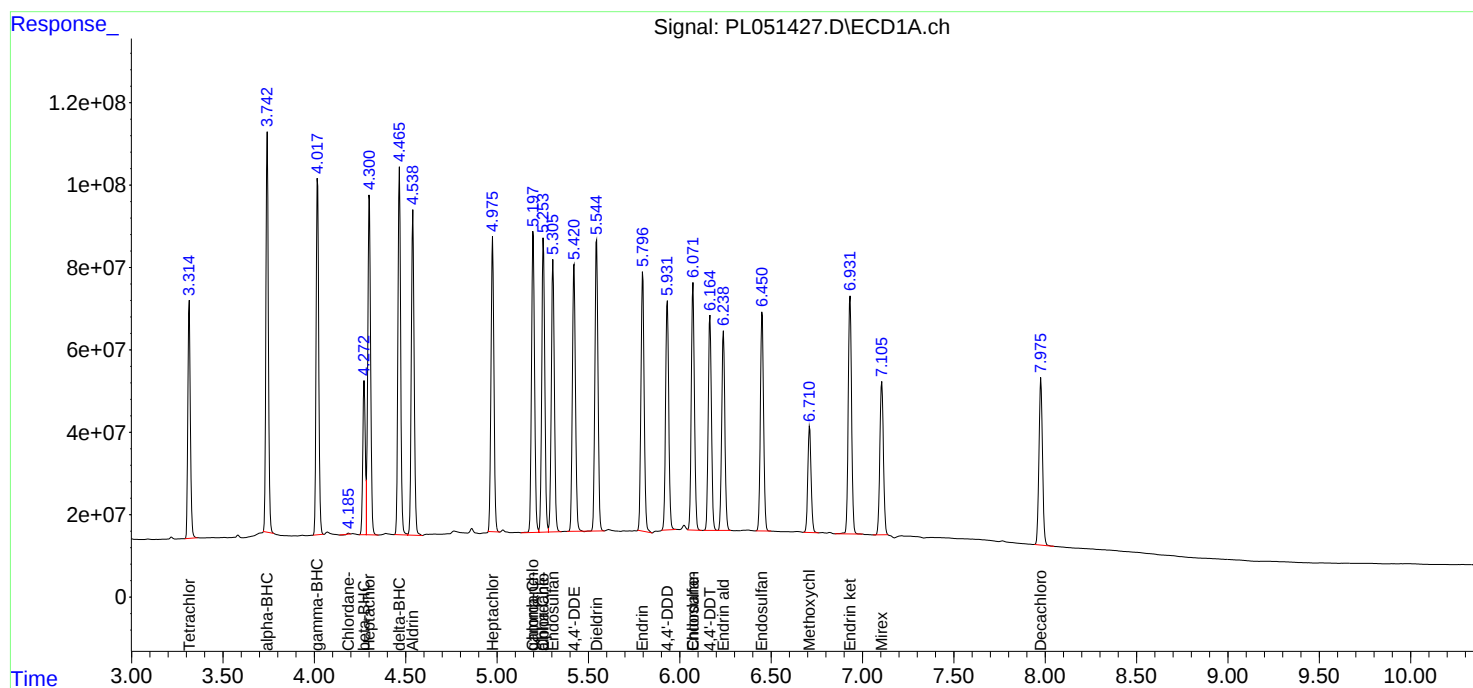
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

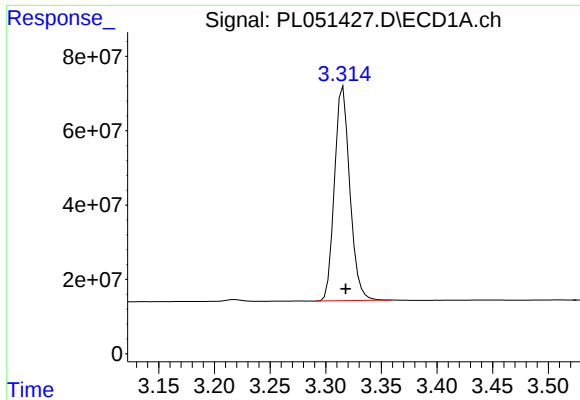
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081319\  
Data File : PL051427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2019 20:02  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 00:46:27 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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

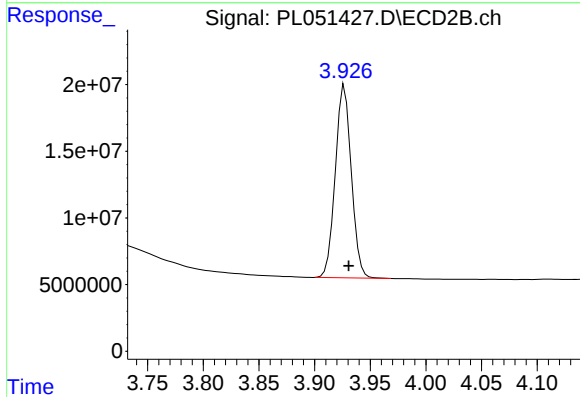




#1 Tetrachloro-m-xylene

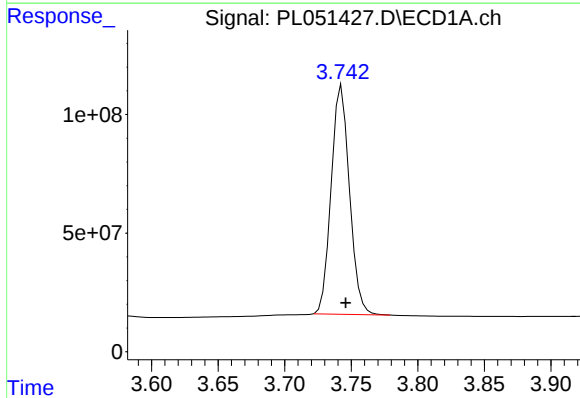
R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 554059246  
Conc: 55.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



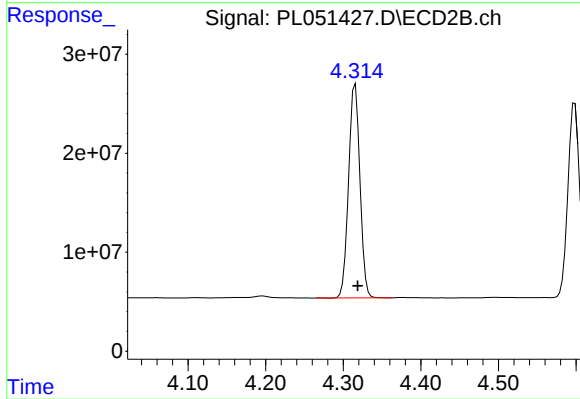
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 144755769  
Conc: 50.73 ng/ml



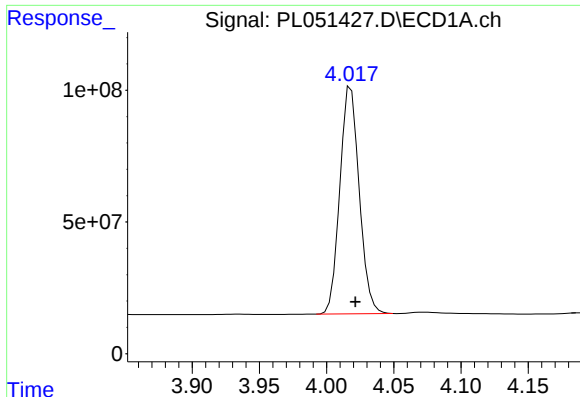
#2 alpha-BHC

R.T.: 3.743 min  
Delta R.T.: -0.003 min  
Response: 924661983  
Conc: 55.18 ng/ml



#2 alpha-BHC

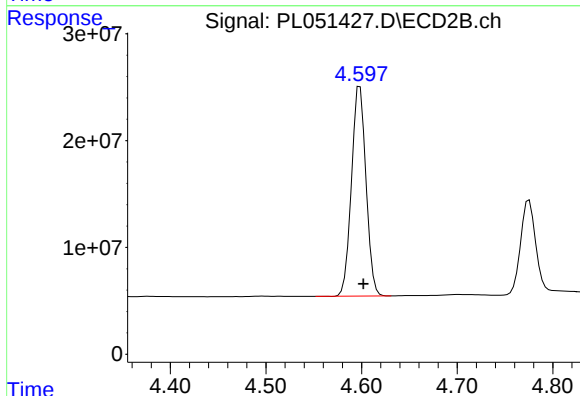
R.T.: 4.315 min  
Delta R.T.: -0.003 min  
Response: 219560278  
Conc: 53.21 ng/ml



#3 gamma-BHC (Lindane)

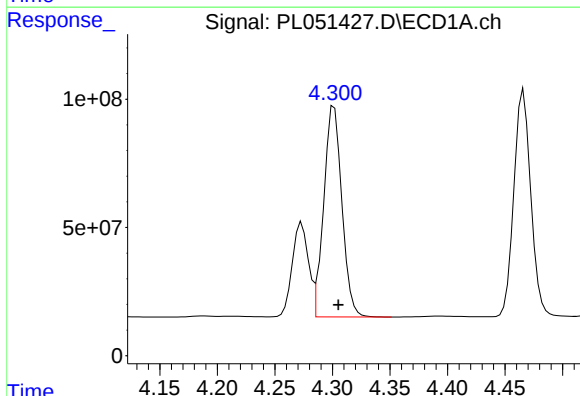
R.T.: 4.018 min  
Delta R.T.: -0.003 min  
Response: 863677838  
Conc: 56.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



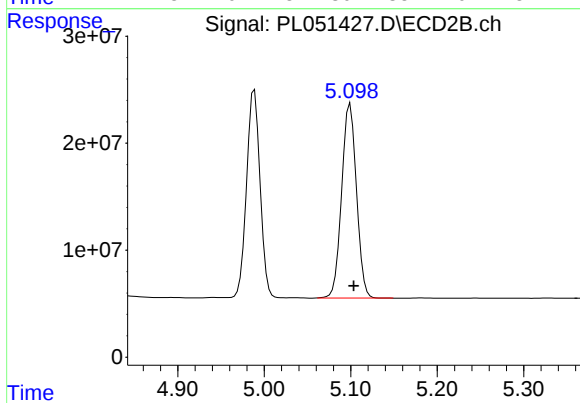
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: -0.004 min  
Response: 208017437  
Conc: 53.71 ng/ml



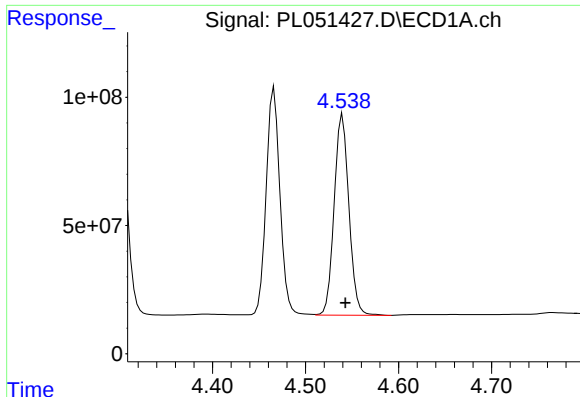
#4 Heptachlor

R.T.: 4.302 min  
Delta R.T.: -0.004 min  
Response: 899298517  
Conc: 54.81 ng/ml



#4 Heptachlor

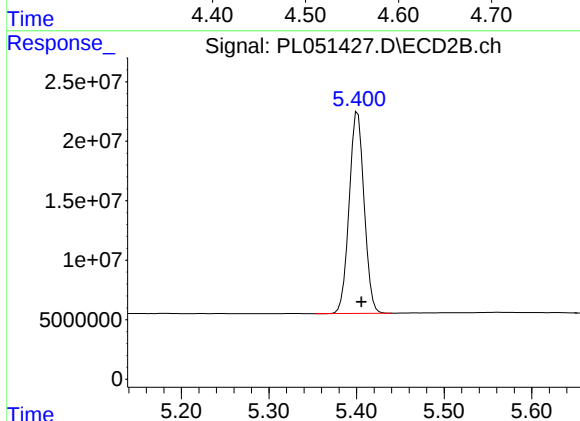
R.T.: 5.099 min  
Delta R.T.: -0.004 min  
Response: 214815944  
Conc: 51.80 ng/ml



#5 Aldrin

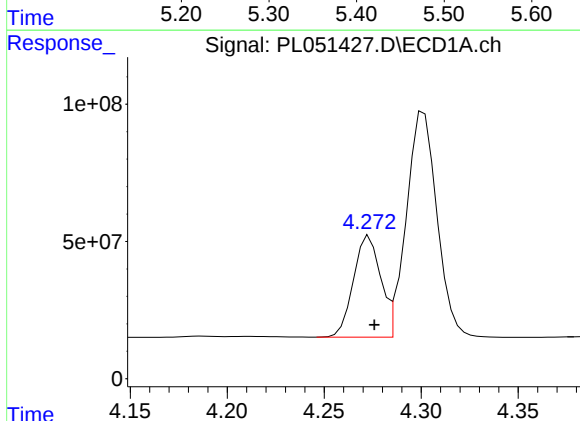
R.T.: 4.540 min  
Delta R.T.: -0.003 min  
Response: 863534901  
Conc: 55.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



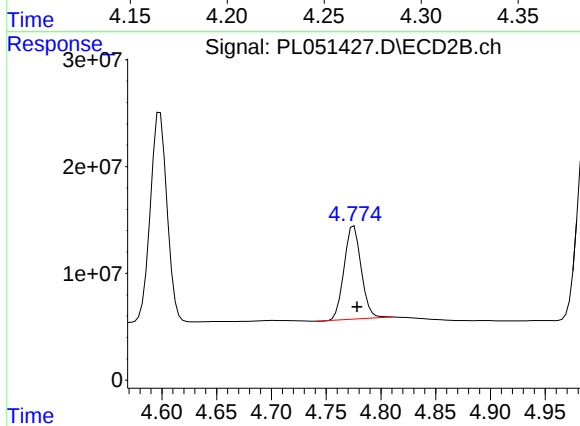
#5 Aldrin

R.T.: 5.401 min  
Delta R.T.: -0.004 min  
Response: 200774803  
Conc: 53.28 ng/ml



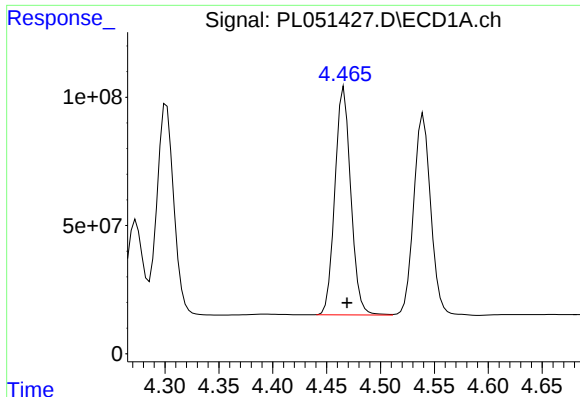
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 359354853  
Conc: 54.81 ng/ml



#6 beta-BHC

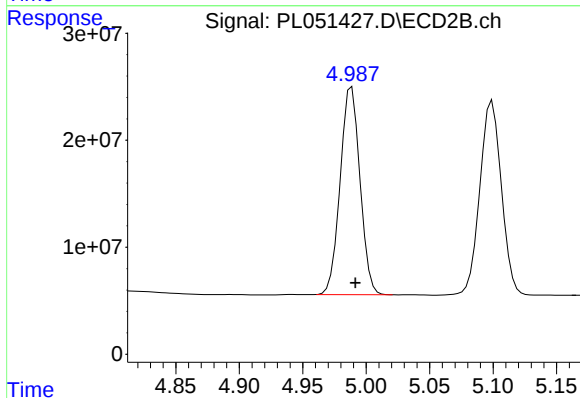
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 94868568  
Conc: 54.87 ng/ml



#7 delta-BHC

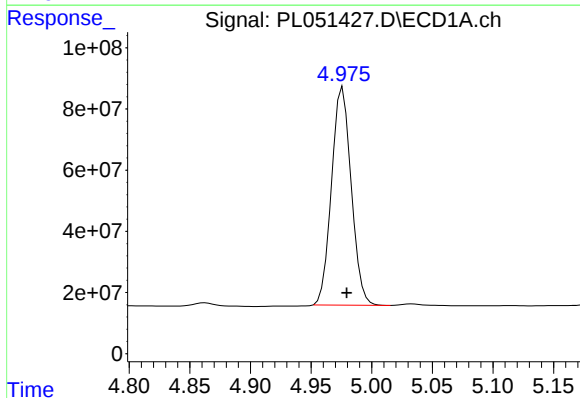
R.T.: 4.466 min  
Delta R.T.: -0.003 min  
Response: 911751852  
Conc: 55.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



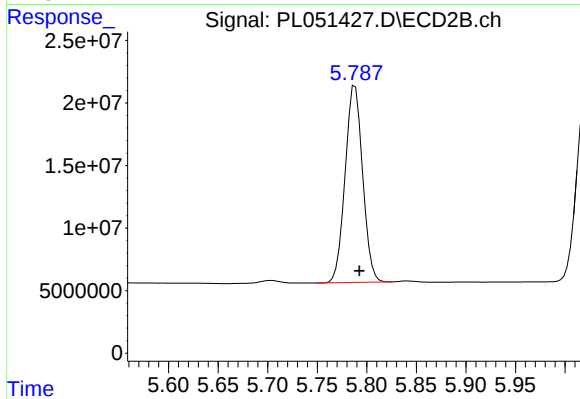
#7 delta-BHC

R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 210585529  
Conc: 54.45 ng/ml



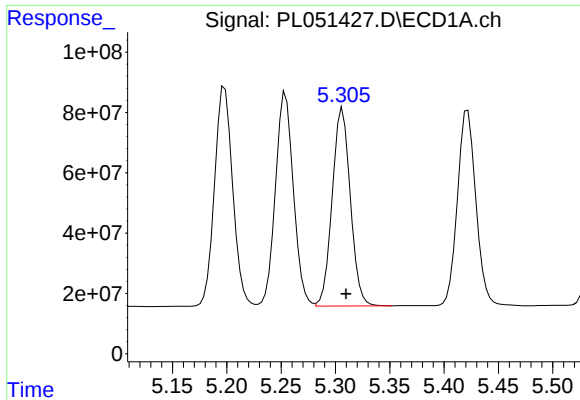
#8 Heptachlor epoxide

R.T.: 4.976 min  
Delta R.T.: -0.003 min  
Response: 803747551  
Conc: 54.40 ng/ml



#8 Heptachlor epoxide

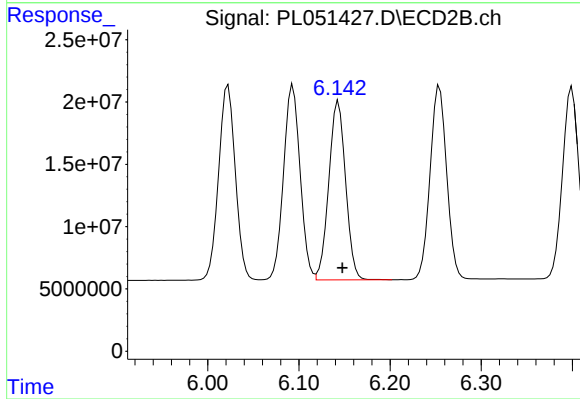
R.T.: 5.788 min  
Delta R.T.: -0.004 min  
Response: 193726144  
Conc: 50.65 ng/ml



#9 Endosulfan I

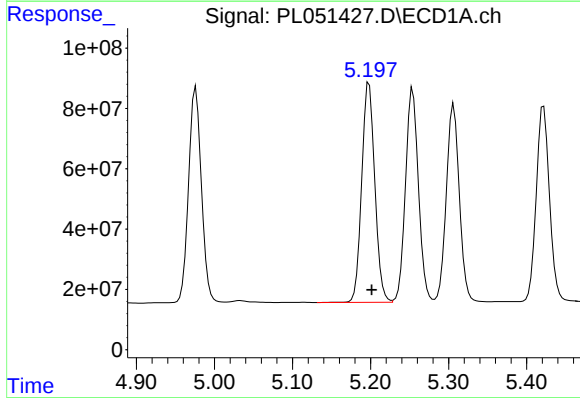
R.T.: 5.307 min  
Delta R.T.: -0.003 min  
Response: 761603887  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



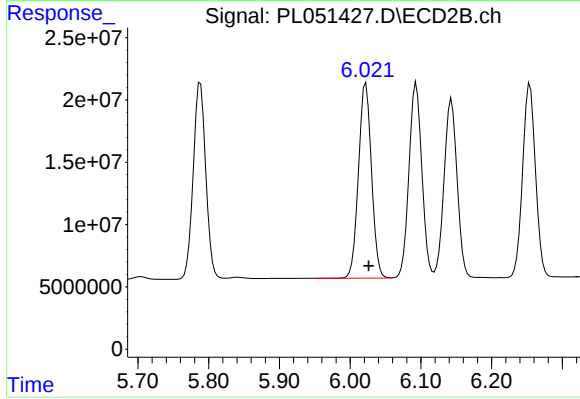
#9 Endosulfan I

R.T.: 6.143 min  
Delta R.T.: -0.004 min  
Response: 183747850  
Conc: 53.43 ng/ml



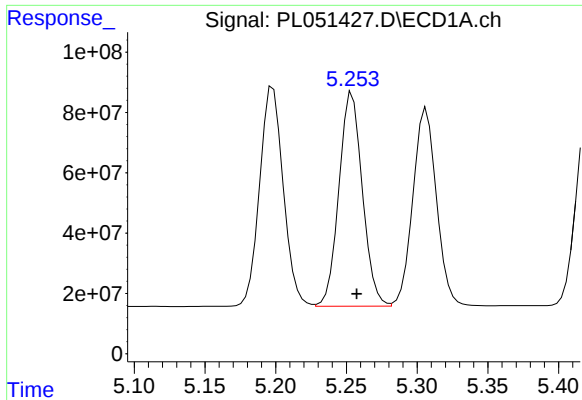
#10 gamma-Chlordane

R.T.: 5.198 min  
Delta R.T.: -0.003 min  
Response: 849940070  
Conc: 53.85 ng/ml



#10 gamma-Chlordane

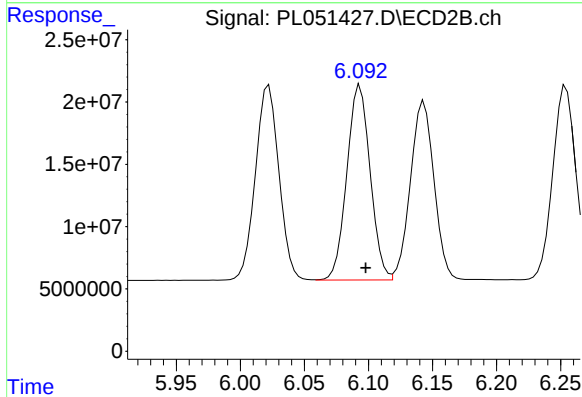
R.T.: 6.022 min  
Delta R.T.: -0.004 min  
Response: 199910377  
Conc: 54.10 ng/ml



#11 alpha-Chlordane

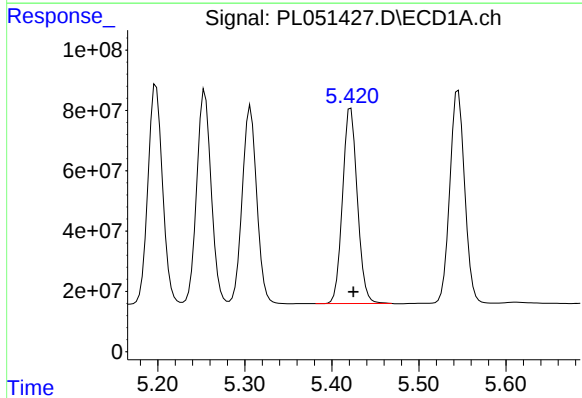
R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 818001969  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



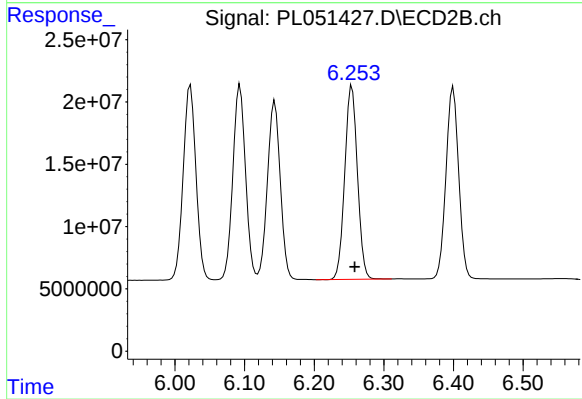
#11 alpha-Chlordane

R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 197933498  
Conc: 54.00 ng/ml



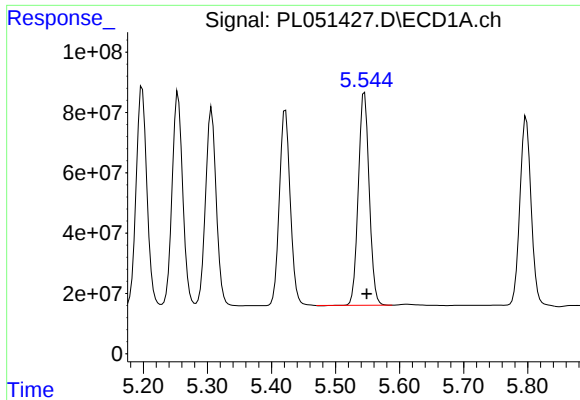
#12 4,4'-DDE

R.T.: 5.422 min  
Delta R.T.: -0.003 min  
Response: 765667136  
Conc: 51.09 ng/ml



#12 4,4'-DDE

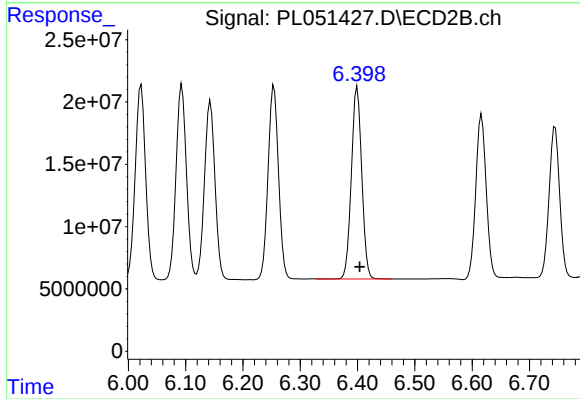
R.T.: 6.254 min  
Delta R.T.: -0.004 min  
Response: 196631793  
Conc: 54.57 ng/ml



#13 Dieldrin

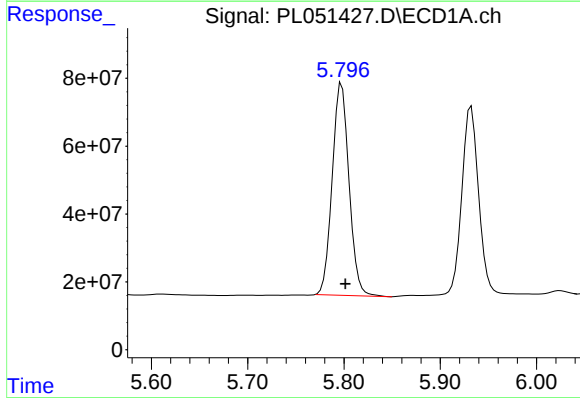
R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 833842384  
Conc: 53.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



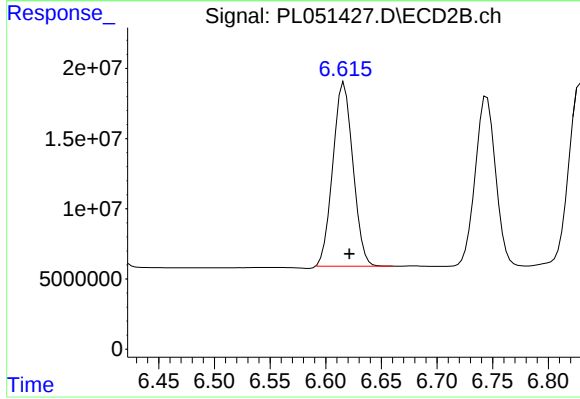
#13 Dieldrin

R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 195200711  
Conc: 55.12 ng/ml



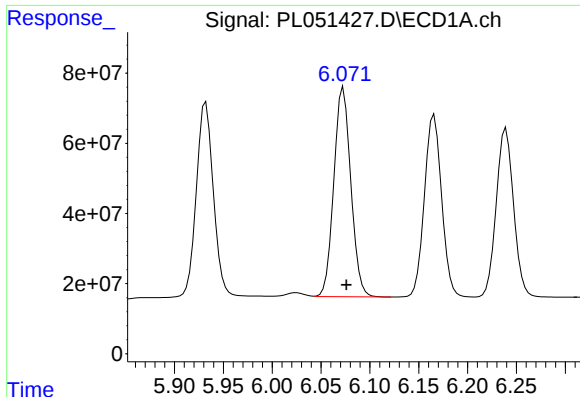
#14 Endrin

R.T.: 5.798 min  
Delta R.T.: -0.004 min  
Response: 761107075  
Conc: 51.70 ng/ml



#14 Endrin

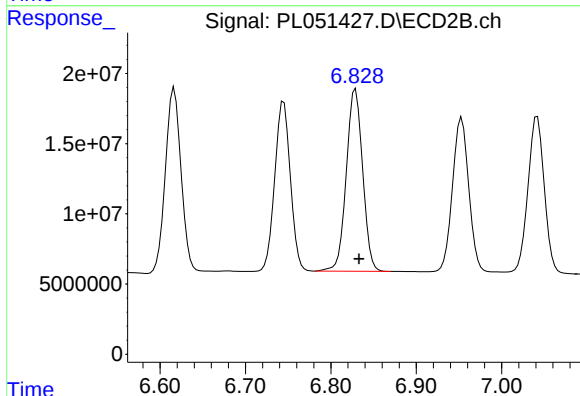
R.T.: 6.617 min  
Delta R.T.: -0.005 min  
Response: 164253173  
Conc: 52.96 ng/ml



#15 Endosulfan II

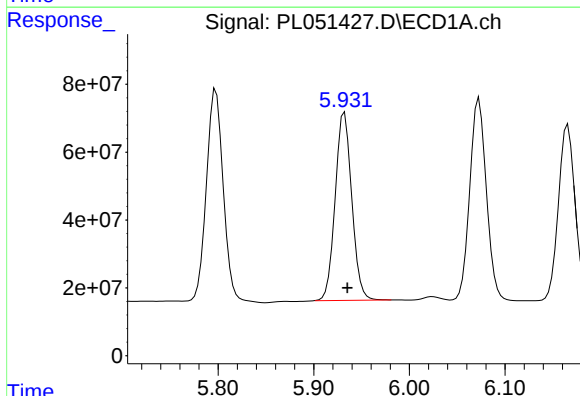
R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 723088271  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



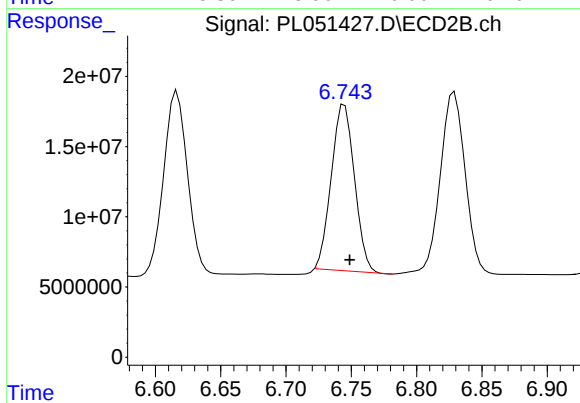
#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: -0.004 min  
Response: 172604970  
Conc: 54.29 ng/ml



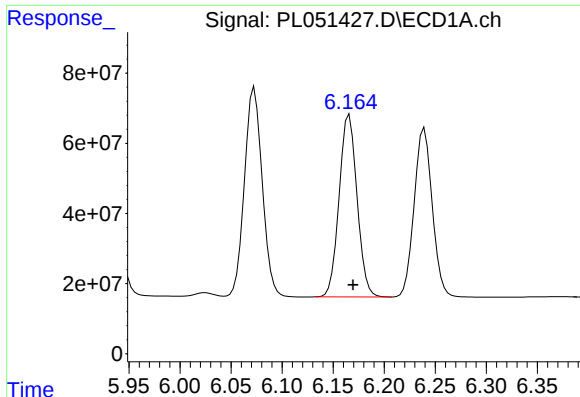
#16 4,4'-DDD

R.T.: 5.932 min  
Delta R.T.: -0.003 min  
Response: 667282268  
Conc: 55.68 ng/ml



#16 4,4'-DDD

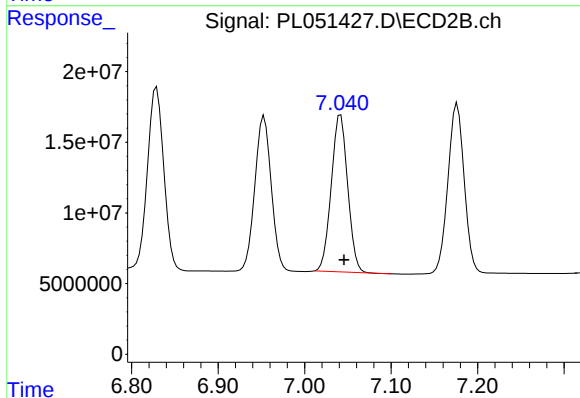
R.T.: 6.745 min  
Delta R.T.: -0.004 min  
Response: 146409350  
Conc: 54.98 ng/ml



#17 4,4'-DDT

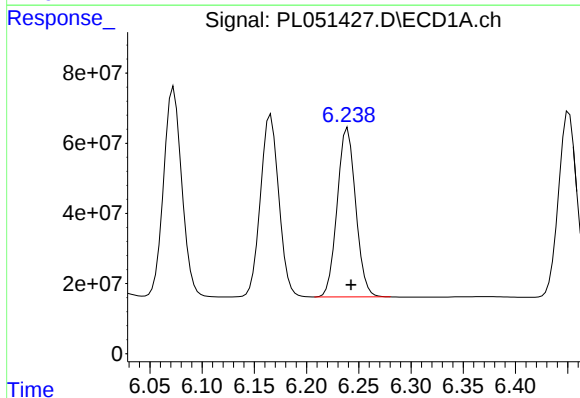
R.T.: 6.166 min  
Delta R.T.: -0.004 min  
Response: 635251316  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



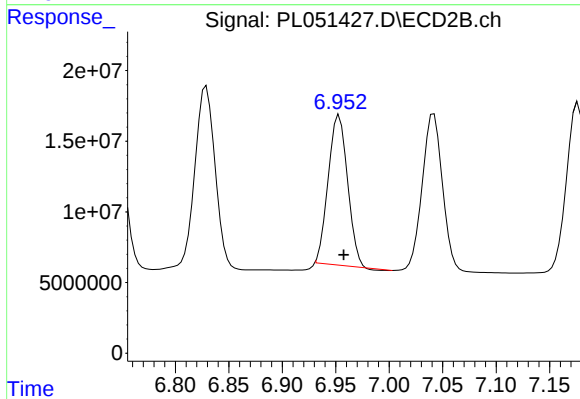
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.004 min  
Response: 145870585  
Conc: 54.03 ng/ml



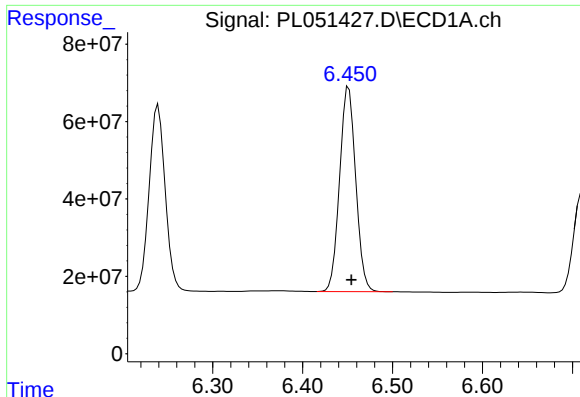
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 592874147  
Conc: 51.39 ng/ml



#18 Endrin aldehyde

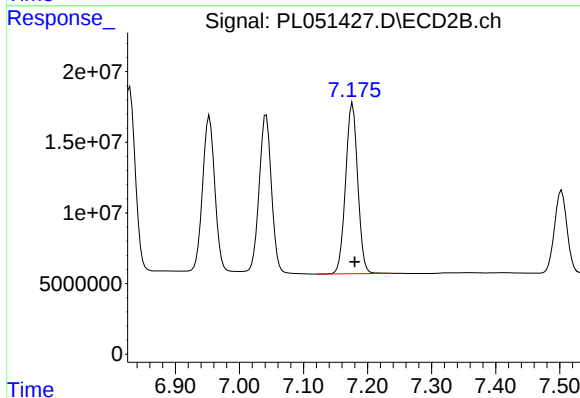
R.T.: 6.953 min  
Delta R.T.: -0.004 min  
Response: 133229822  
Conc: 49.02 ng/ml



#19 Endosulfan Sulfate

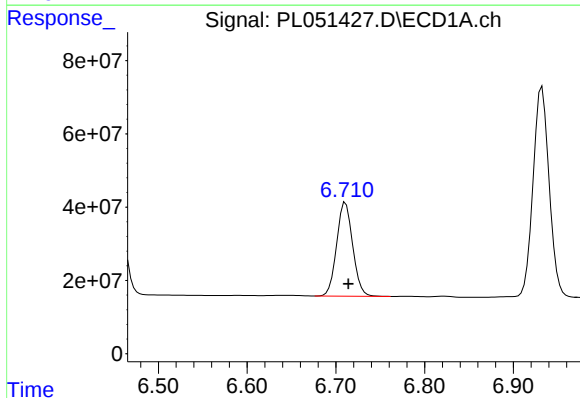
R.T.: 6.451 min  
Delta R.T.: -0.003 min  
Response: 658880262  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



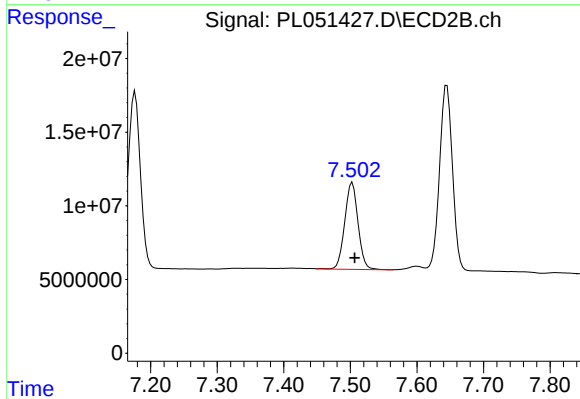
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 158787475  
Conc: 54.98 ng/ml



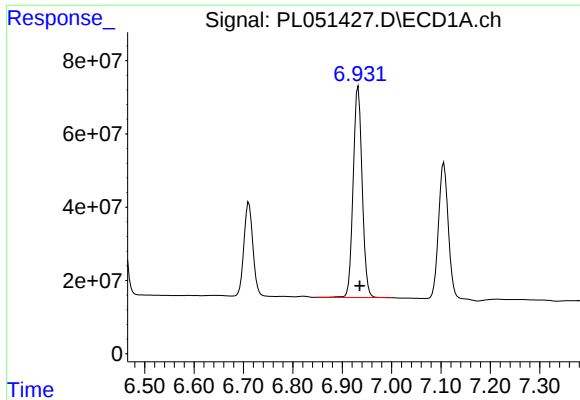
#20 Methoxychlor

R.T.: 6.711 min  
Delta R.T.: -0.003 min  
Response: 322056568  
Conc: 51.62 ng/ml



#20 Methoxychlor

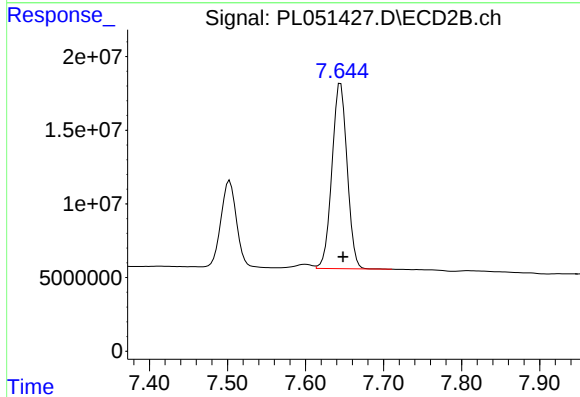
R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 82418813  
Conc: 56.17 ng/ml



#21 Endrin ketone

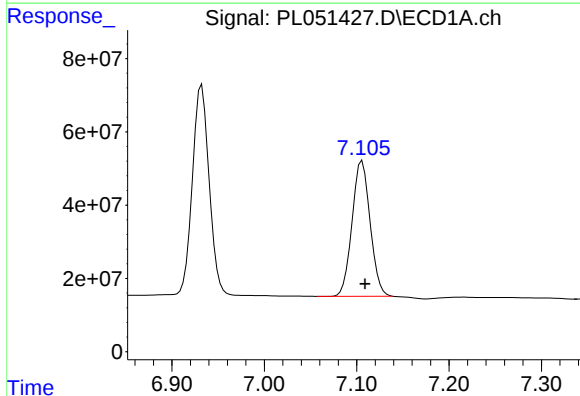
R.T.: 6.932 min  
Delta R.T.: -0.003 min  
Response: 728710659  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



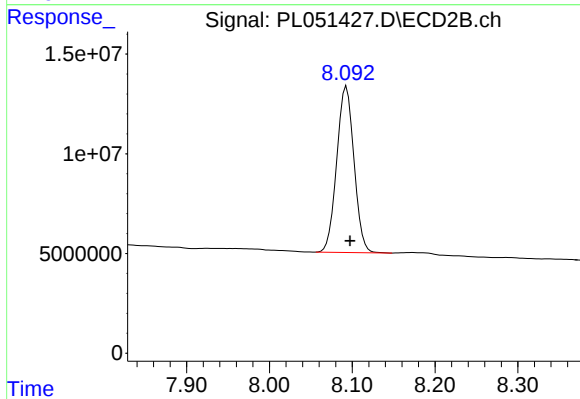
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 169948034  
Conc: 58.78 ng/ml



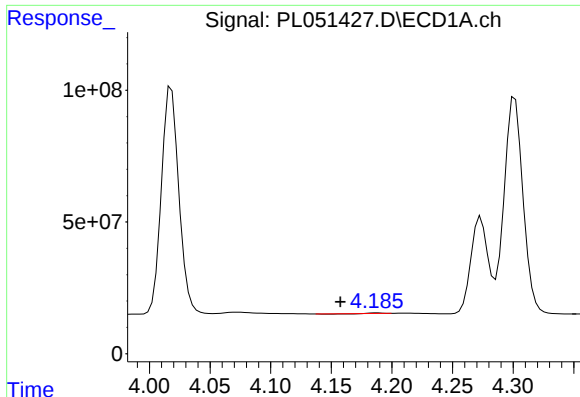
#22 Mirex

R.T.: 7.106 min  
Delta R.T.: -0.003 min  
Response: 502288851  
Conc: 51.23 ng/ml



#22 Mirex

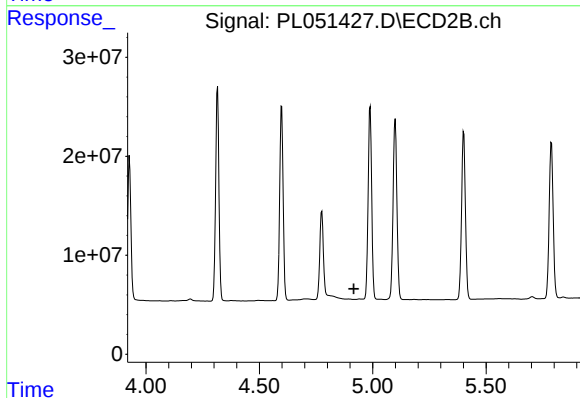
R.T.: 8.093 min  
Delta R.T.: -0.004 min  
Response: 120903283  
Conc: 52.64 ng/ml



#23 Chlordane-1

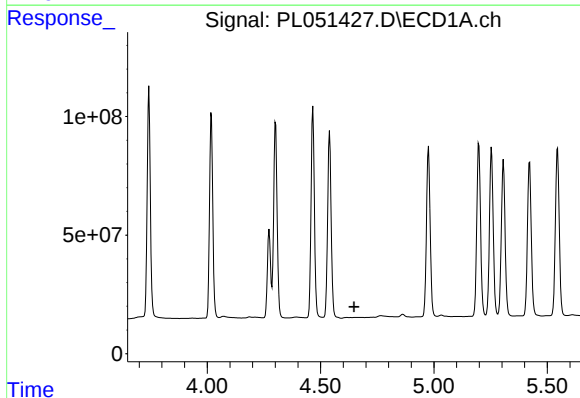
R.T.: 4.187 min  
Delta R.T.: 0.030 min  
Response: 659864  
Conc: 1.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



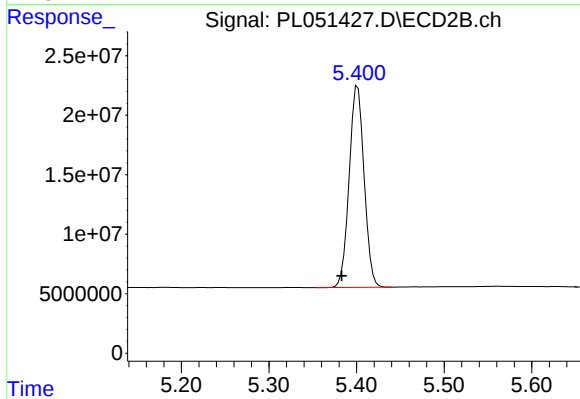
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.916 min  
Response: 0  
Conc: N.D.



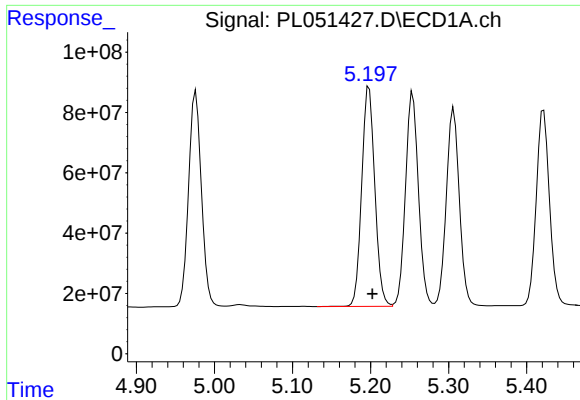
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

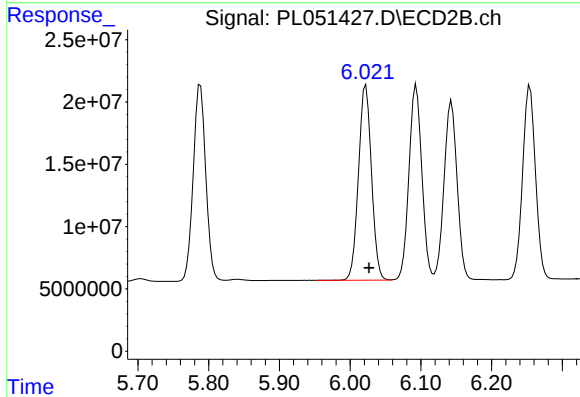
R.T.: 5.401 min  
Delta R.T.: 0.018 min  
Response: 200774803  
Conc: 1709.41 ng/ml



#25 Chlordane-3

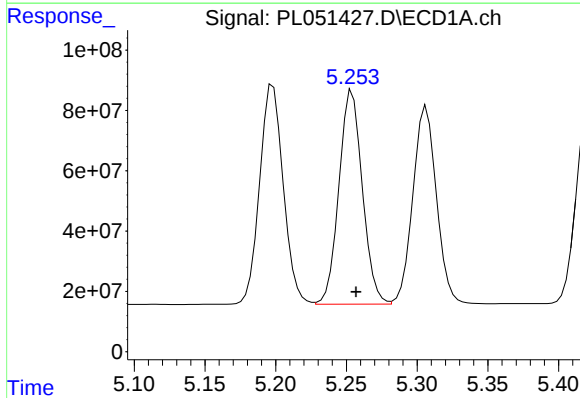
R.T.: 5.198 min  
Delta R.T.: -0.004 min  
Response: 849940070  
Conc: 607.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



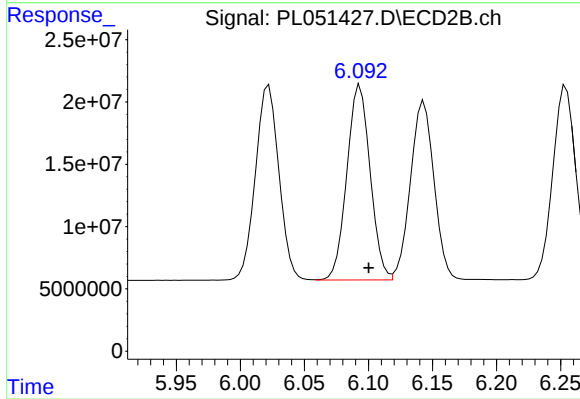
#25 Chlordane-3

R.T.: 6.022 min  
Delta R.T.: -0.004 min  
Response: 199910377  
Conc: 415.63 ng/ml



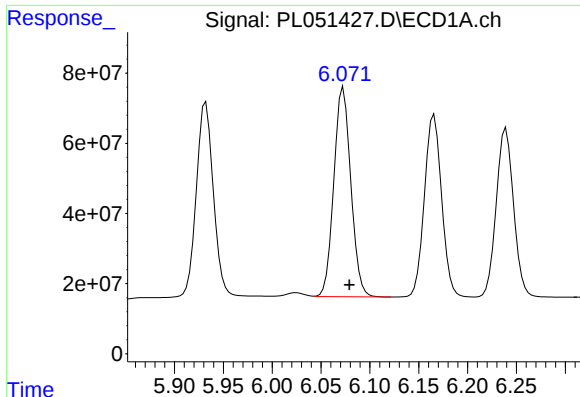
#26 Chlordane-4

R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 818001969  
Conc: 620.18 ng/ml



#26 Chlordane-4

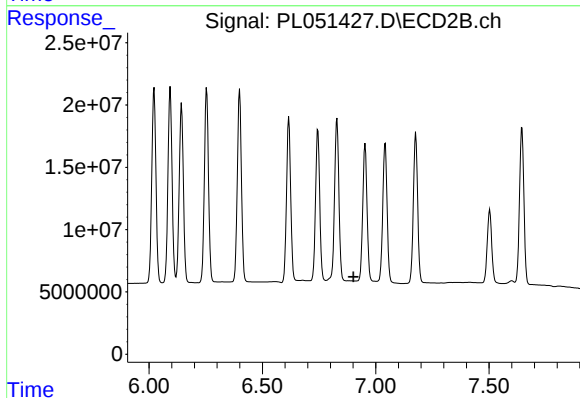
R.T.: 6.093 min  
Delta R.T.: -0.007 min  
Response: 197933498  
Conc: 340.73 ng/ml



#27 Chlordane-5

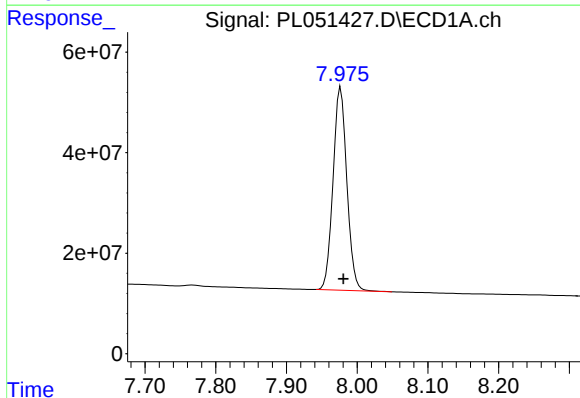
R.T.: 6.073 min  
Delta R.T.: -0.006 min  
Response: 723088271  
Conc: 1423.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



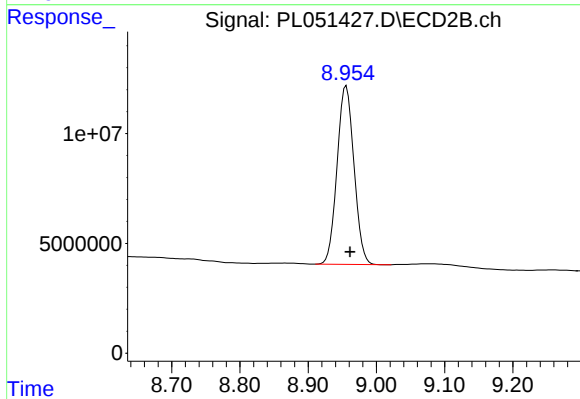
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min  
Delta R.T.: -0.004 min  
Response: 546852888  
Conc: 54.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.956 min  
Delta R.T.: -0.006 min  
Response: 139943342  
Conc: 49.49 ng/ml