

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081519\  
 Data File : PL051529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 17:38  
 Operator : SG\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 16 00:53:39 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... | 3.315  | 3.927  | 529.9E6 | 135.4E6  | 52.735   | 47.448     |
| 2)                          | SA Decachlor... | 7.975  | 8.954  | 576.1E6 | 141.5E6  | 56.901   | 50.039     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.742  | 4.315  | 884.6E6 | 204.1E6  | 52.787   | 49.468     |
| 3)                          | MA gamma-BHC... | 4.018  | 4.598  | 831.1E6 | 194.3E6  | 54.034   | 50.173     |
| 4)                          | MA Heptachlor   | 4.301  | 5.099  | 853.9E6 | 198.2E6  | 52.043   | 47.791     |
| 5)                          | MB Aldrin       | 4.539  | 5.400  | 846.0E6 | 189.7E6  | 54.611   | 50.328     |
| 6)                          | B beta-BHC      | 4.273  | 4.774  | 346.0E6 | 90392141 | 52.776   | 52.284     |
| 7)                          | B delta-BHC     | 4.465  | 4.988  | 875.0E6 | 197.4E6  | 53.323   | 51.046     |
| 8)                          | B Heptachlo...  | 4.975  | 5.787  | 771.4E6 | 184.6E6  | 52.217   | 48.264     |
| 9)                          | A Endosulfan I  | 5.305  | 6.142  | 719.9E6 | 173.6E6  | 49.501   | 50.481     |
| 10)                         | B gamma-Chl...  | 5.197  | 6.021  | 814.5E6 | 190.5E6  | 51.608   | 51.561     |
| 11)                         | B alpha-Chl...  | 5.253  | 6.092  | 791.9E6 | 187.7E6  | 51.909   | 51.208     |
| 12)                         | B 4,4'-DDE      | 5.421  | 6.252  | 669.4E6 | 186.5E6  | 44.671   | 51.755     |
| 13)                         | MA Dieldrin     | 5.544  | 6.398  | 822.2E6 | 185.5E6  | 53.054   | 52.378     |
| 14)                         | MA Endrin       | 5.796  | 6.615  | 733.0E6 | 152.9E6  | 49.795   | 49.312     |
| 15)                         | B Endosulfa...  | 6.072  | 6.827  | 711.3E6 | 164.4E6  | 50.824   | 51.718     |
| 16)                         | A 4,4'-DDD      | 5.931  | 6.743  | 653.6E6 | 135.6E6  | 54.542   | 50.937     |
| 17)                         | MA 4,4'-DDT     | 6.165  | 7.040  | 609.5E6 | 137.3E6  | 49.207   | 50.877     |
| 18)                         | B Endrin al...  | 6.239  | 6.951  | 583.6E6 | 122.7E6  | 50.588   | 45.149     |
| 19)                         | B Endosulfa...  | 6.450  | 7.174  | 651.1E6 | 153.8E6  | 51.107   | 53.258     |
| 20)                         | A Methoxychlor  | 6.709  | 7.500  | 309.5E6 | 77350069 | 49.609   | 52.717     |
| 21)                         | B Endrin ke...  | 6.931  | 7.643  | 731.6E6 | 163.1E6  | 53.486   | 56.427     |
| 22)                         | Mirex           | 7.104  | 8.090  | 511.6E6 | 121.5E6  | 52.180   | 52.899     |
| 23)                         | Chlordane-1     | 4.187f | 0.000  | 84840   | 0        | 0.231    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.400f | 0       | 189.7E6  | N.D.     | 1614.732 # |
| 25)                         | Chlordane-3     | 5.197  | 6.021  | 814.5E6 | 190.5E6  | 581.899  | 396.134 #  |
| 26)                         | Chlordane-4     | 5.253  | 6.092  | 791.9E6 | 187.7E6  | 600.409  | 323.081 #  |
| 27)                         | Chlordane-5     | 6.072  | 0.000  | 711.3E6 | 0        | 1400.338 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

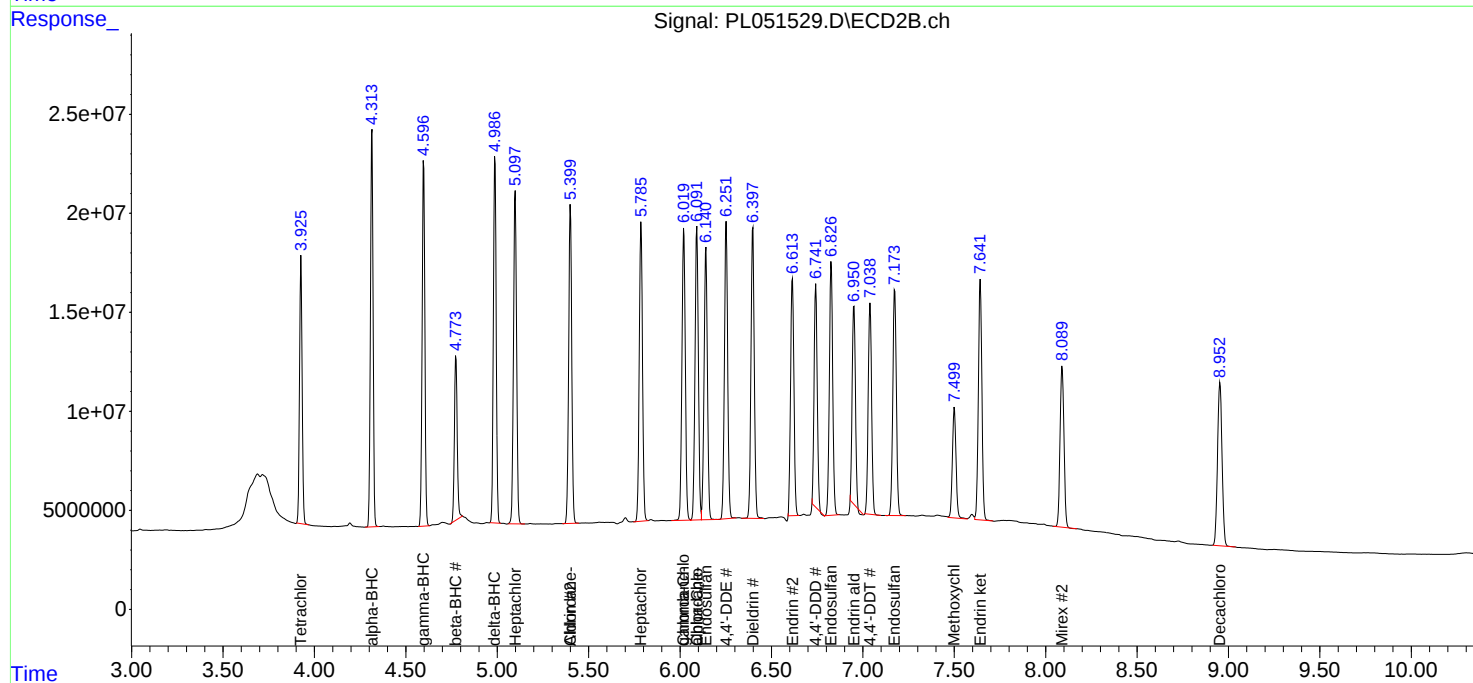
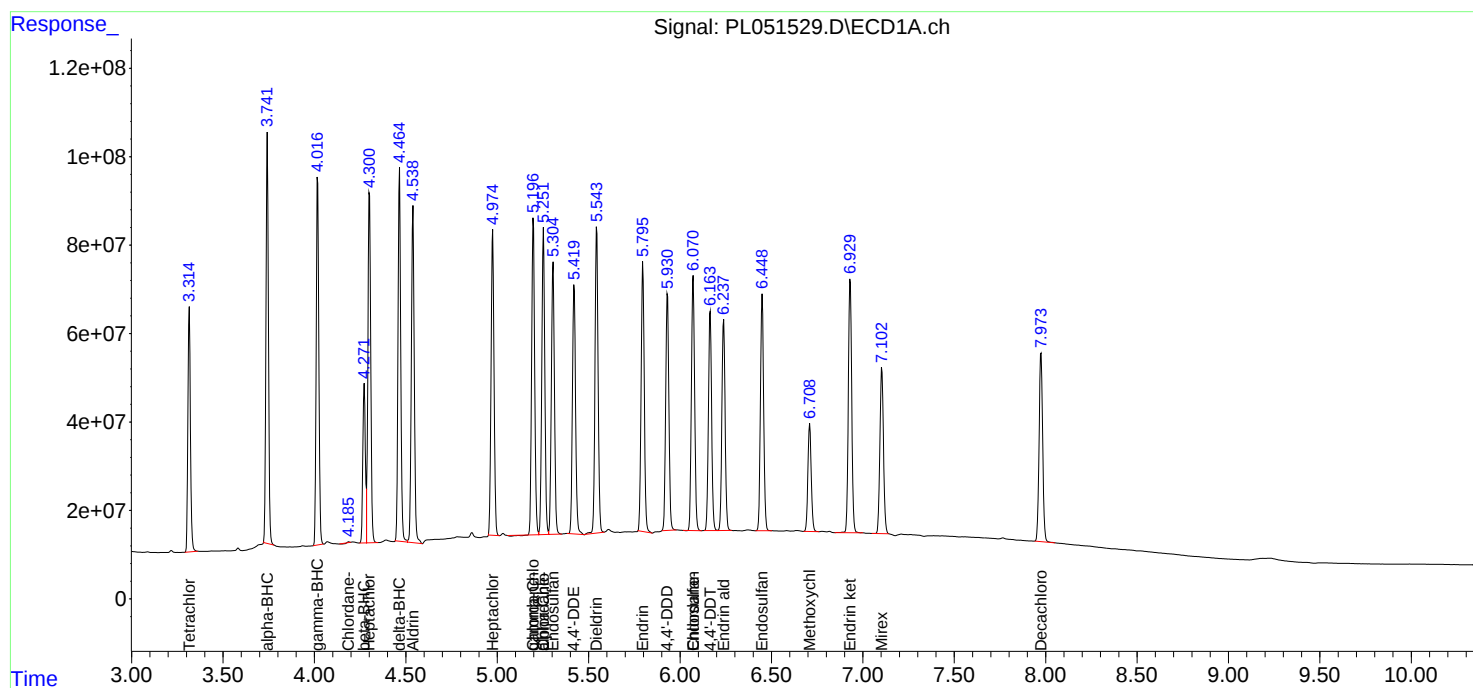
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

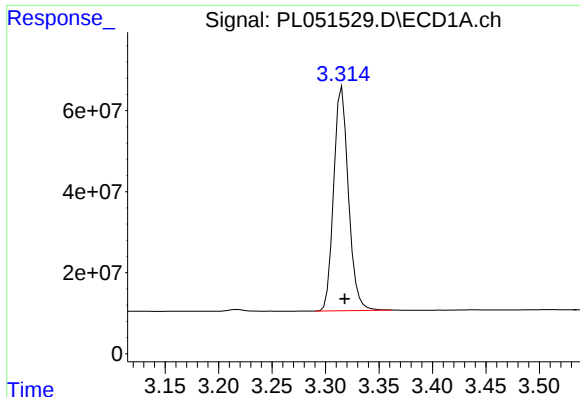
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081519\  
Data File : PL051529.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 17:38  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 00:53:39 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

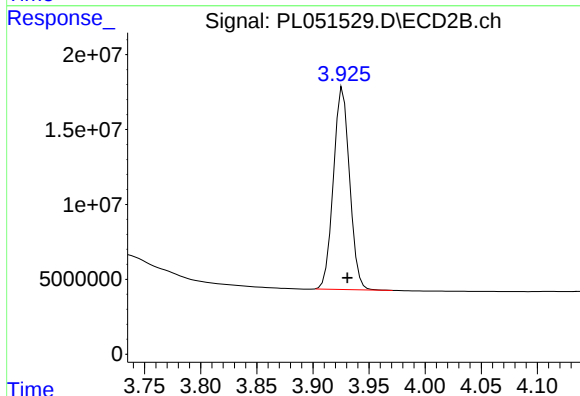




#1 Tetrachloro-m-xylene

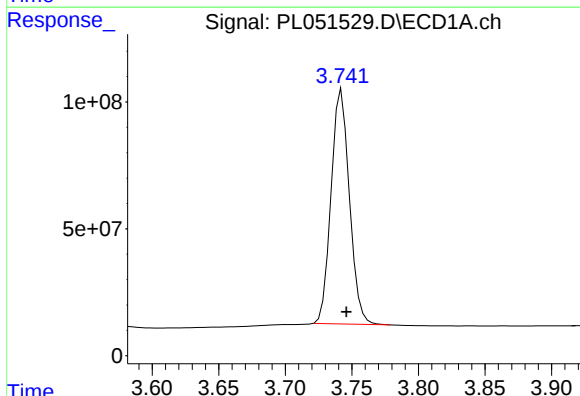
R.T.: 3.315 min  
Delta R.T.: -0.003 min  
Response: 529870066  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



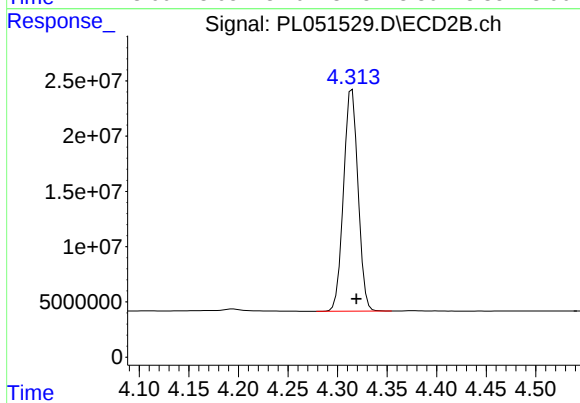
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 135380047  
Conc: 47.45 ng/ml



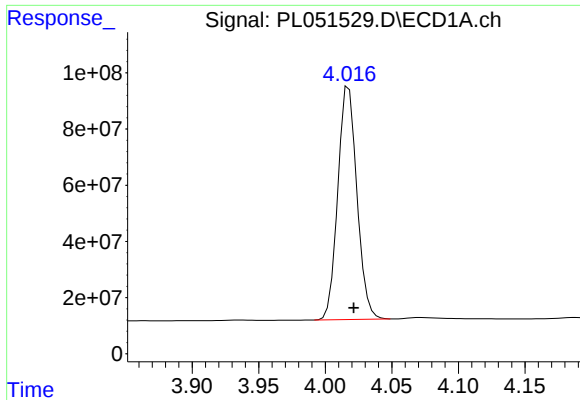
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: -0.004 min  
Response: 884589891  
Conc: 52.79 ng/ml



#2 alpha-BHC

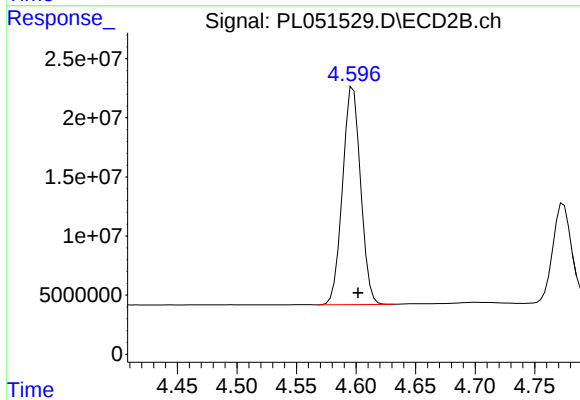
R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 204103872  
Conc: 49.47 ng/ml



#3 gamma-BHC (Lindane)

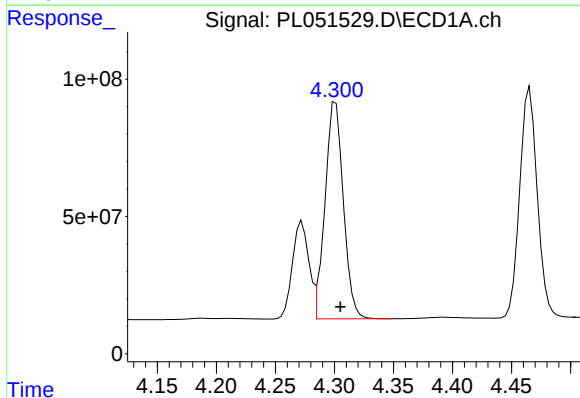
R.T.: 4.018 min  
Delta R.T.: -0.004 min  
Response: 831132026  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



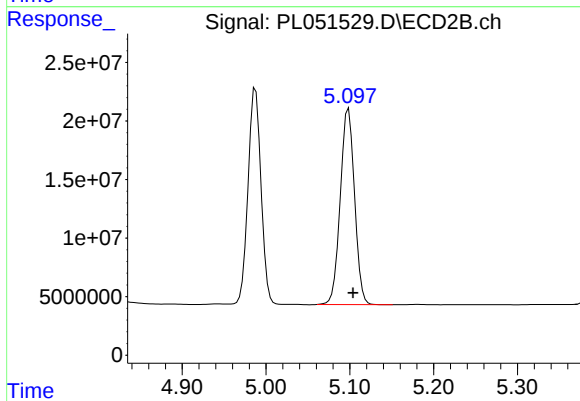
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: -0.004 min  
Response: 194328092  
Conc: 50.17 ng/ml



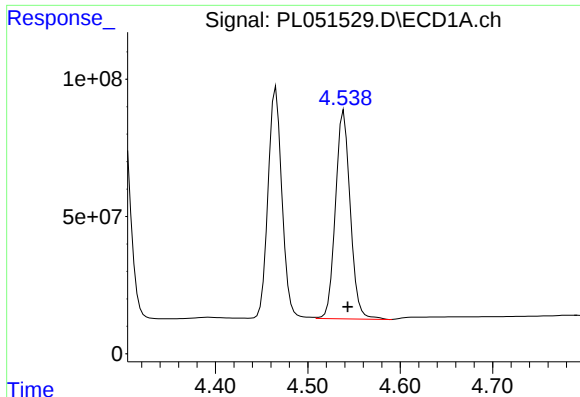
#4 Heptachlor

R.T.: 4.301 min  
Delta R.T.: -0.004 min  
Response: 853916343  
Conc: 52.04 ng/ml



#4 Heptachlor

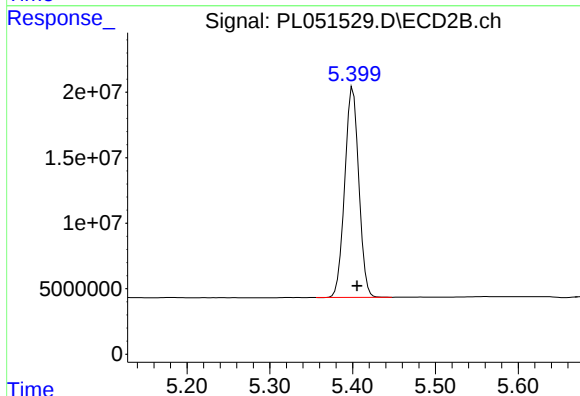
R.T.: 5.099 min  
Delta R.T.: -0.005 min  
Response: 198172766  
Conc: 47.79 ng/ml



#5 Aldrin

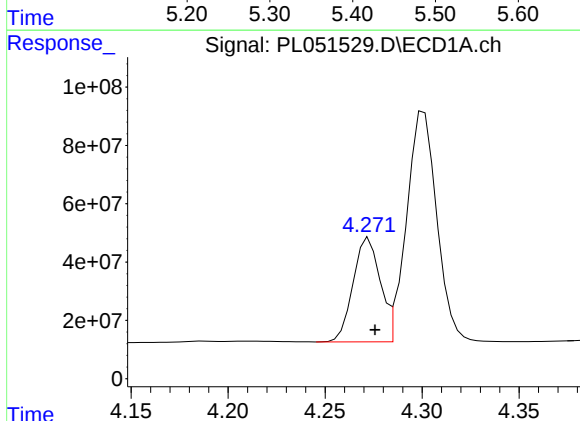
R.T.: 4.539 min  
Delta R.T.: -0.004 min  
Response: 846001349  
Conc: 54.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



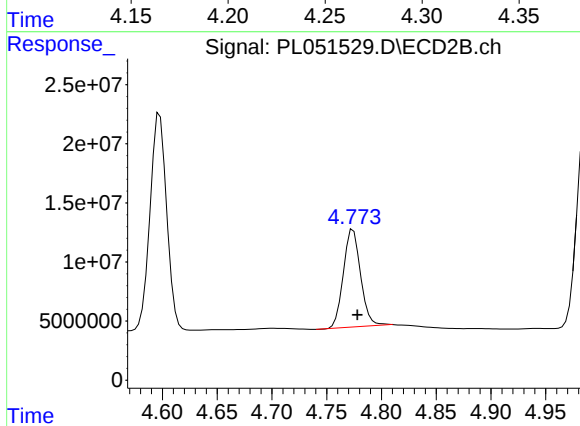
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.005 min  
Response: 189654272  
Conc: 50.33 ng/ml



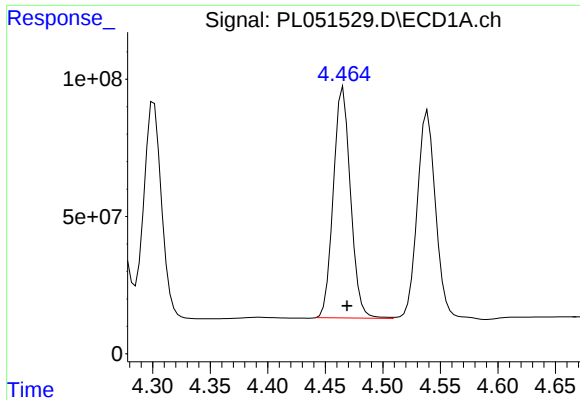
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: -0.003 min  
Response: 345992789  
Conc: 52.78 ng/ml



#6 beta-BHC

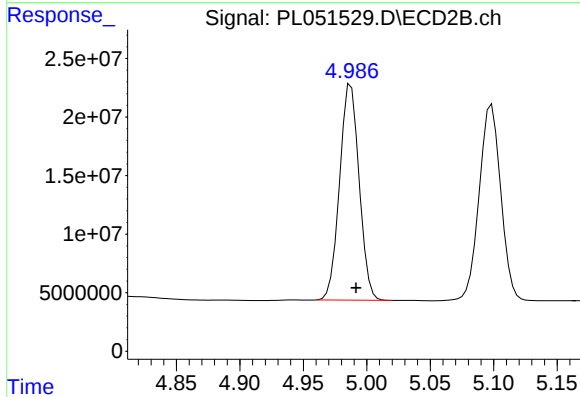
R.T.: 4.774 min  
Delta R.T.: -0.004 min  
Response: 90392141  
Conc: 52.28 ng/ml



#7 delta-BHC

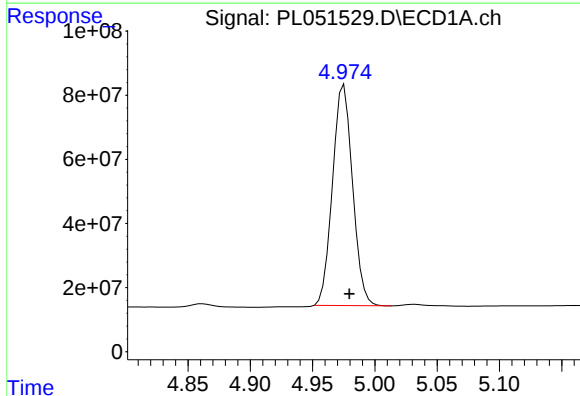
R.T.: 4.465 min  
Delta R.T.: -0.003 min  
Response: 874957587  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



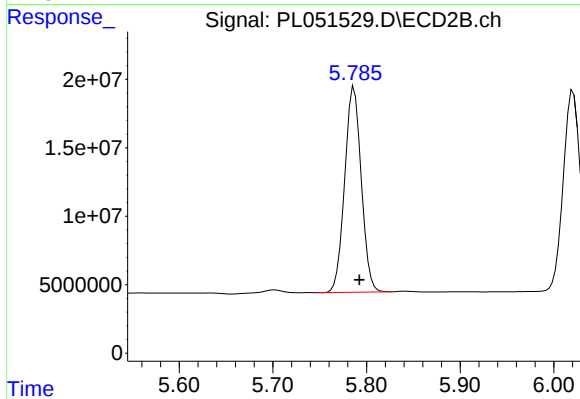
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 197425135  
Conc: 51.05 ng/ml



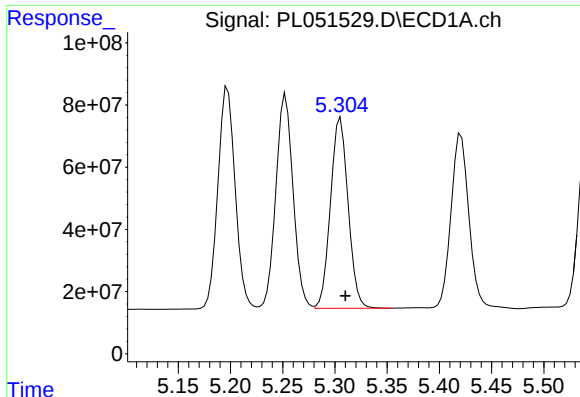
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: -0.004 min  
Response: 771430723  
Conc: 52.22 ng/ml



#8 Heptachlor epoxide

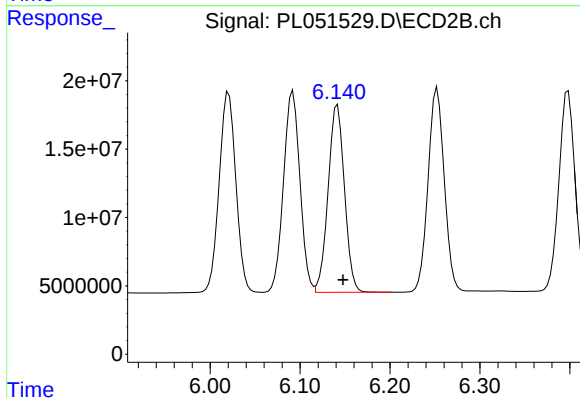
R.T.: 5.787 min  
Delta R.T.: -0.006 min  
Response: 184601106  
Conc: 48.26 ng/ml



#9 Endosulfan I

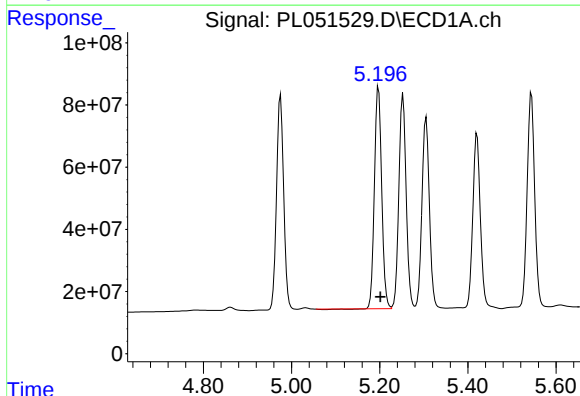
R.T.: 5.305 min  
Delta R.T.: -0.005 min  
Response: 719939289  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



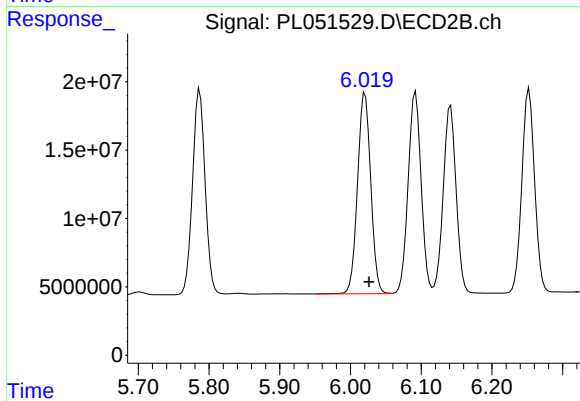
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 173596710  
Conc: 50.48 ng/ml



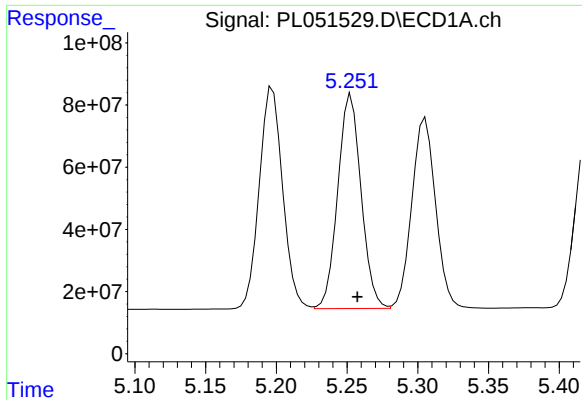
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: -0.004 min  
Response: 814534762  
Conc: 51.61 ng/ml



#10 gamma-Chlordane

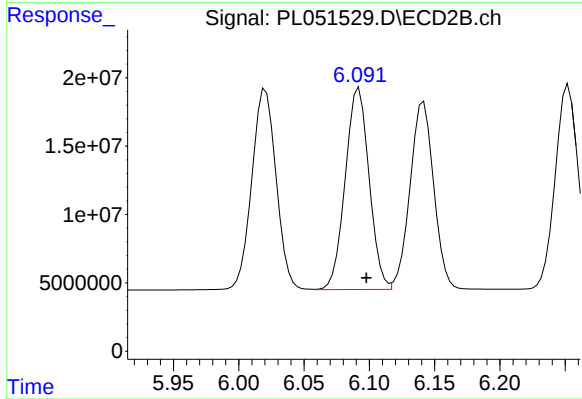
R.T.: 6.021 min  
Delta R.T.: -0.005 min  
Response: 190532515  
Conc: 51.56 ng/ml



#11 alpha-Chlordane

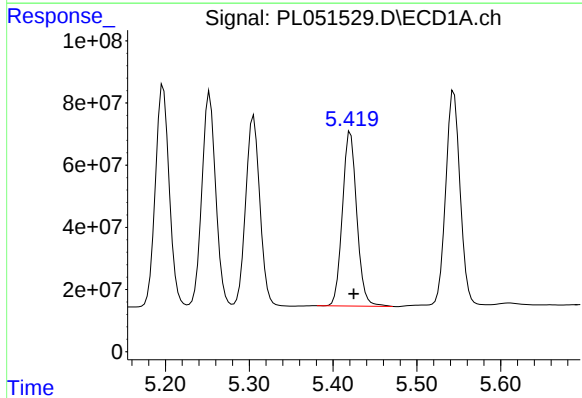
R.T.: 5.253 min  
Delta R.T.: -0.005 min  
Response: 791927301  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



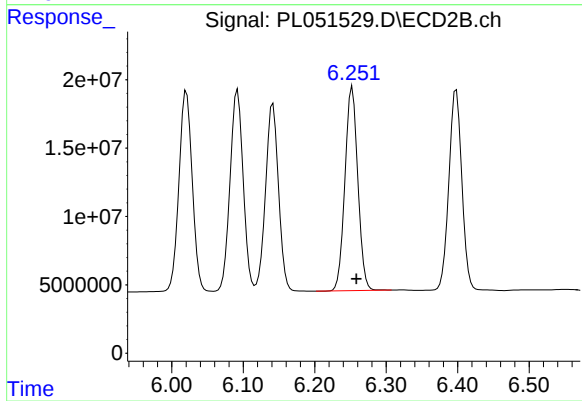
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.006 min  
Response: 187683747  
Conc: 51.21 ng/ml



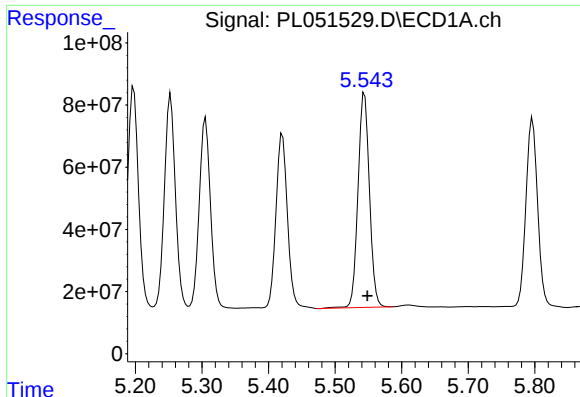
#12 4,4'-DDE

R.T.: 5.421 min  
Delta R.T.: -0.004 min  
Response: 669440198  
Conc: 44.67 ng/ml



#12 4,4'-DDE

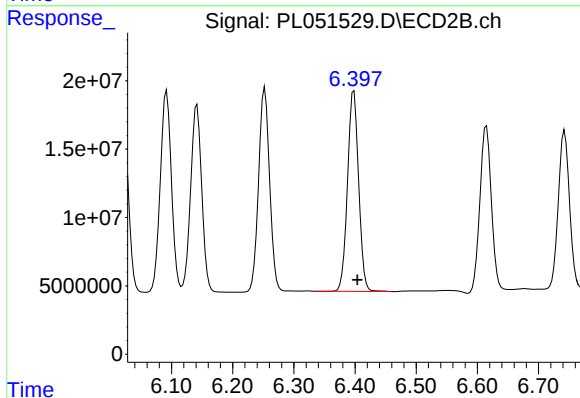
R.T.: 6.252 min  
Delta R.T.: -0.006 min  
Response: 186493239  
Conc: 51.75 ng/ml



#13 Dieldrin

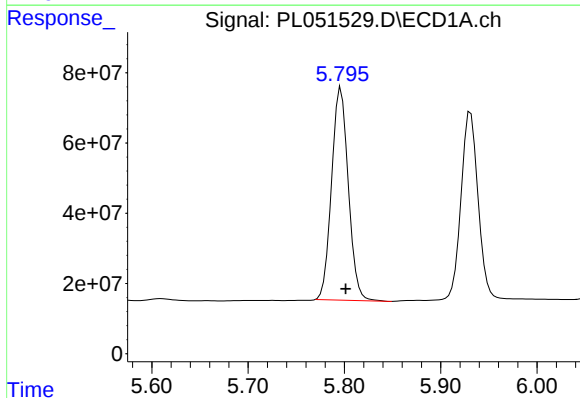
R.T.: 5.544 min  
Delta R.T.: -0.004 min  
Response: 822169439  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



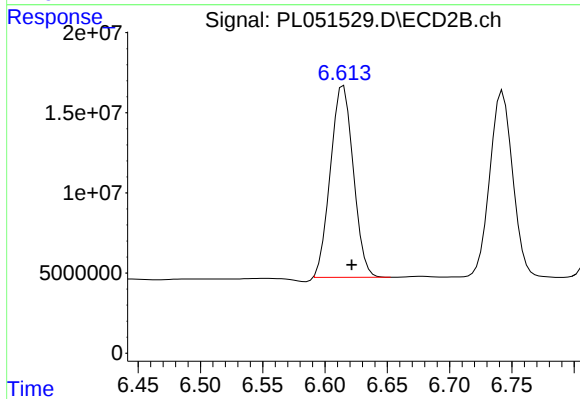
#13 Dieldrin

R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 185477765  
Conc: 52.38 ng/ml



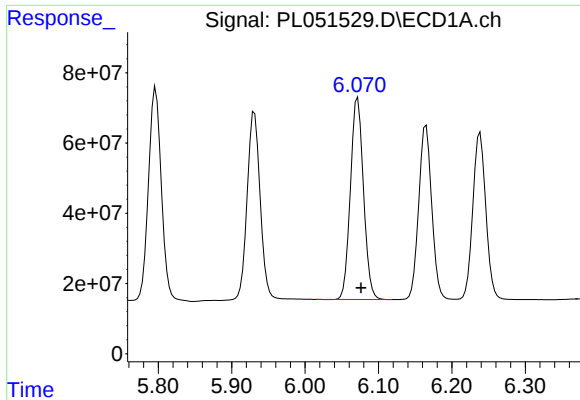
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: -0.005 min  
Response: 733006695  
Conc: 49.80 ng/ml



#14 Endrin

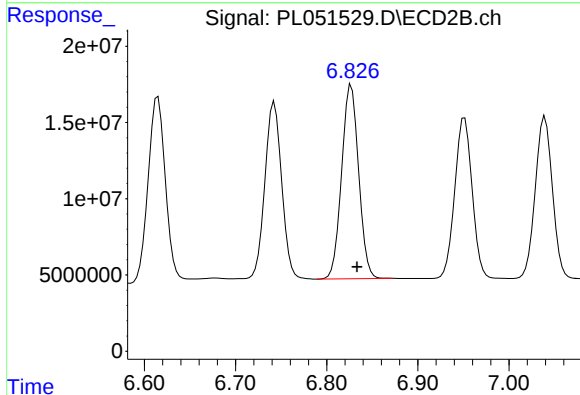
R.T.: 6.615 min  
Delta R.T.: -0.007 min  
Response: 152938701  
Conc: 49.31 ng/ml



#15 Endosulfan II

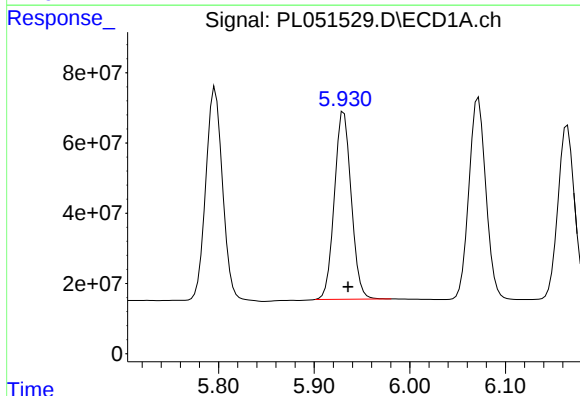
R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 711283734  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



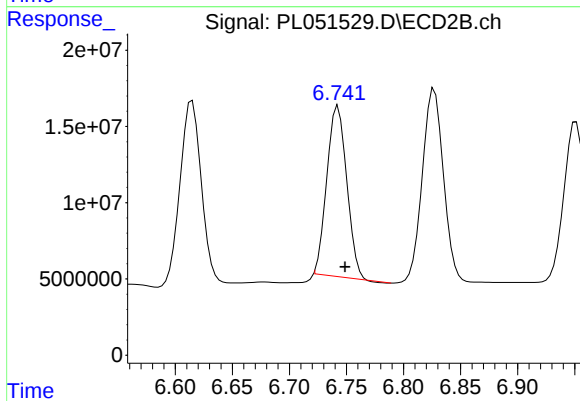
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.006 min  
Response: 164420019  
Conc: 51.72 ng/ml



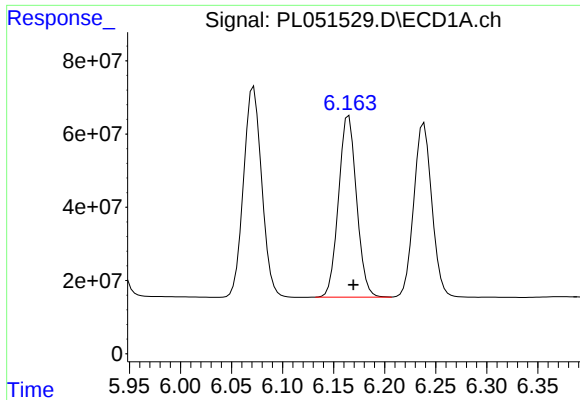
#16 4,4'-DDD

R.T.: 5.931 min  
Delta R.T.: -0.004 min  
Response: 653622750  
Conc: 54.54 ng/ml



#16 4,4'-DDD

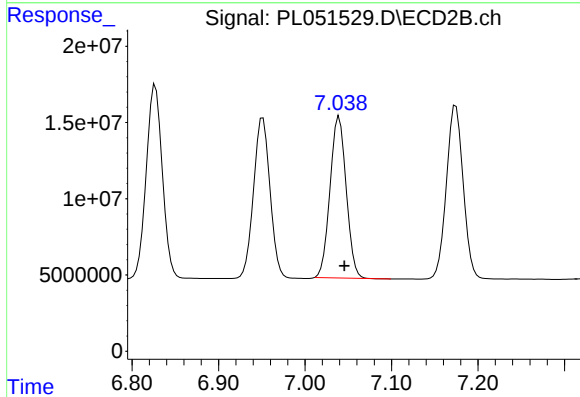
R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 135638330  
Conc: 50.94 ng/ml



#17 4,4'-DDT

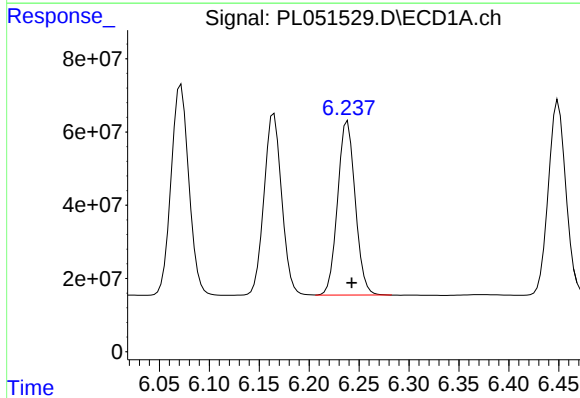
R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 609464643  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



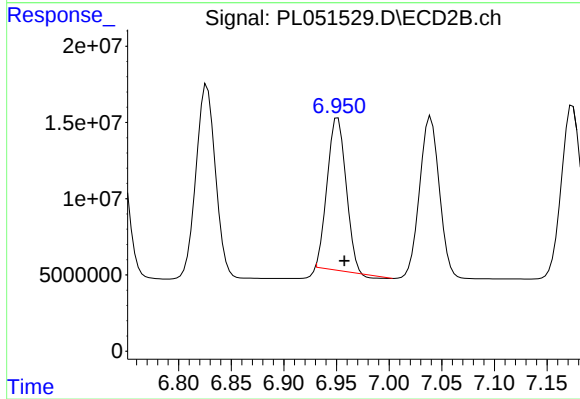
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.006 min  
Response: 137348220  
Conc: 50.88 ng/ml



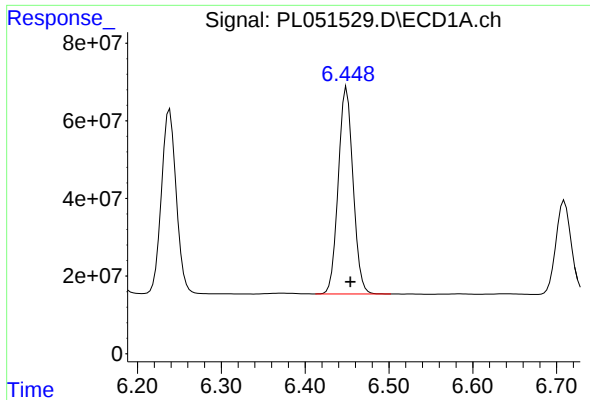
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 583607402  
Conc: 50.59 ng/ml



#18 Endrin aldehyde

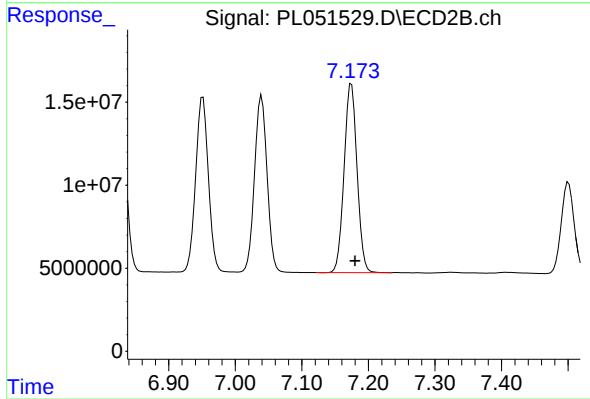
R.T.: 6.951 min  
Delta R.T.: -0.006 min  
Response: 122696088  
Conc: 45.15 ng/ml



#19 Endosulfan Sulfate

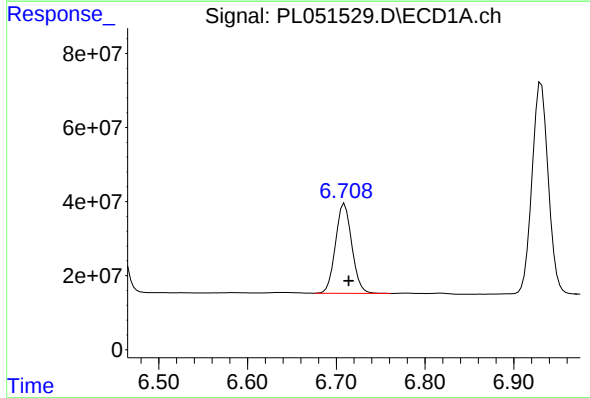
R.T.: 6.450 min  
Delta R.T.: -0.005 min  
Response: 651083179  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



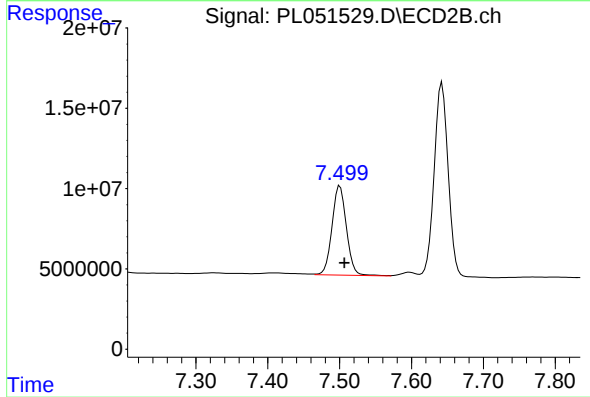
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.005 min  
Response: 153822795  
Conc: 53.26 ng/ml



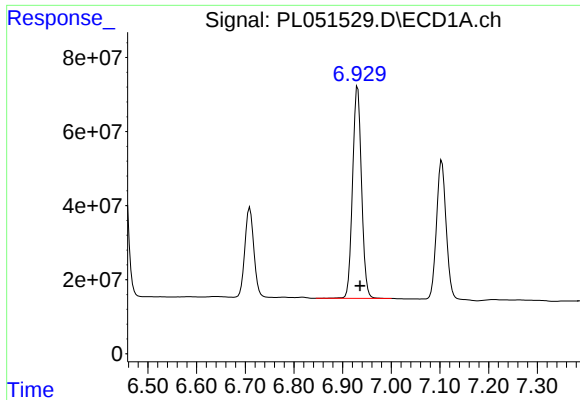
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: -0.005 min  
Response: 309505626  
Conc: 49.61 ng/ml



#20 Methoxychlor

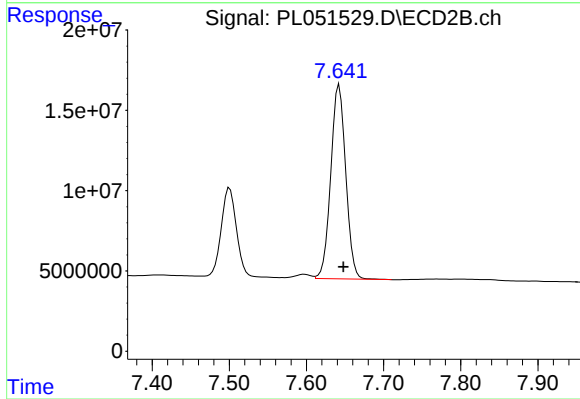
R.T.: 7.500 min  
Delta R.T.: -0.006 min  
Response: 77350069  
Conc: 52.72 ng/ml



#21 Endrin ketone

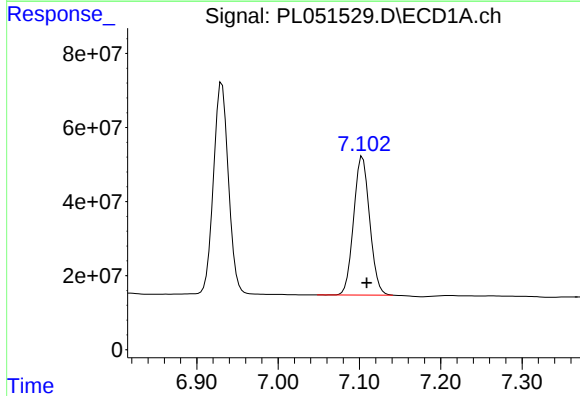
R.T.: 6.931 min  
Delta R.T.: -0.005 min  
Response: 731553076  
Conc: 53.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



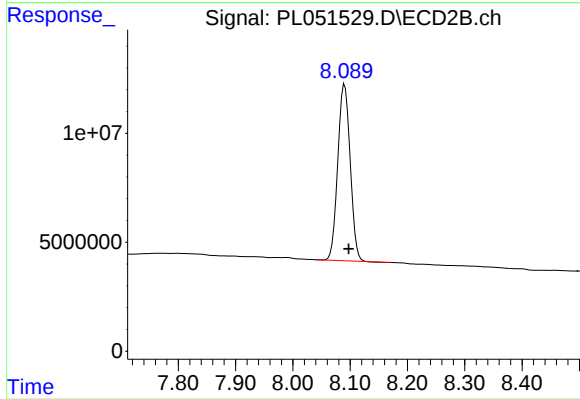
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.005 min  
Response: 163145831  
Conc: 56.43 ng/ml



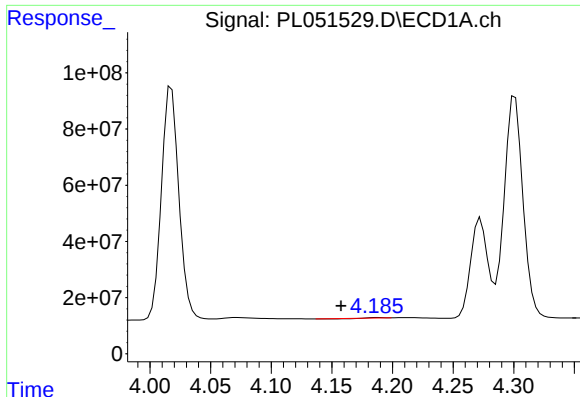
#22 Mirex

R.T.: 7.104 min  
Delta R.T.: -0.005 min  
Response: 511590271  
Conc: 52.18 ng/ml



#22 Mirex

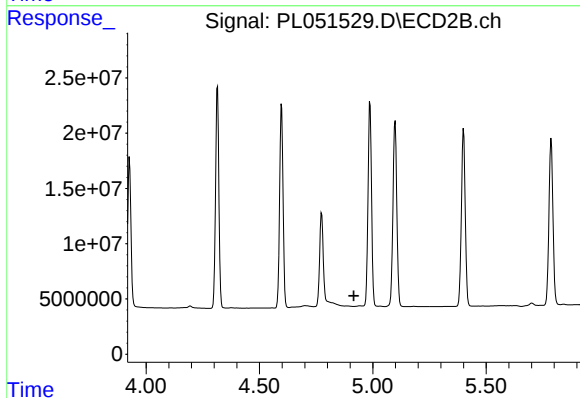
R.T.: 8.090 min  
Delta R.T.: -0.007 min  
Response: 121509348  
Conc: 52.90 ng/ml



#23 Chlordane-1

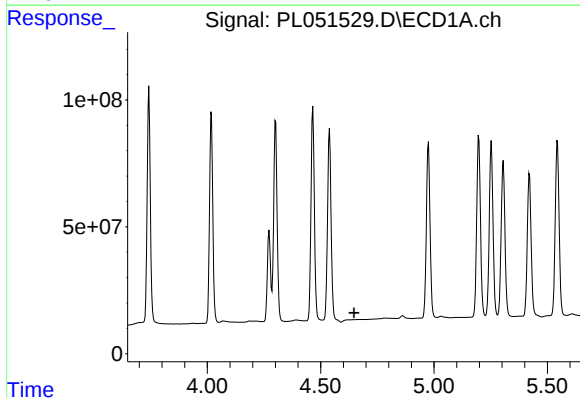
R.T.: 4.187 min  
Delta R.T.: 0.030 min  
Response: 84840  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



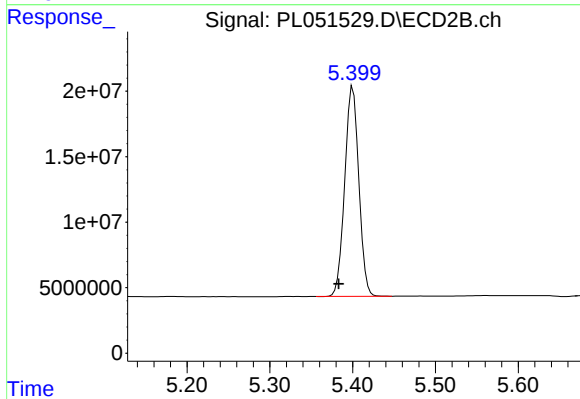
#23 Chlordane-1

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



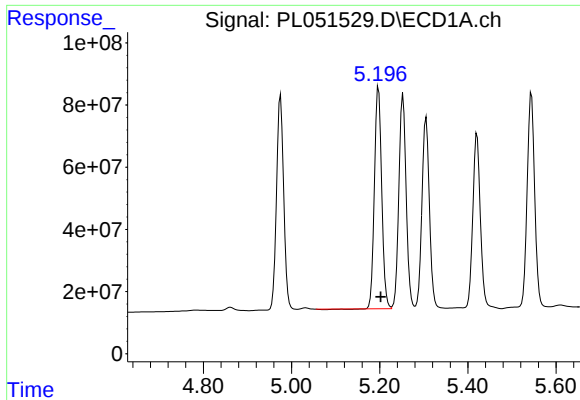
#24 Chlordane-2

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



#24 Chlordane-2

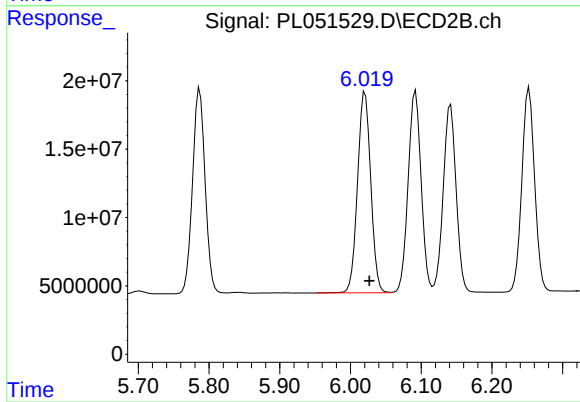
R.T.: 5.400 min  
Delta R.T.: 0.017 min  
Response: 189654272  
Conc: 1614.73 ng/ml



#25 Chlordane-3

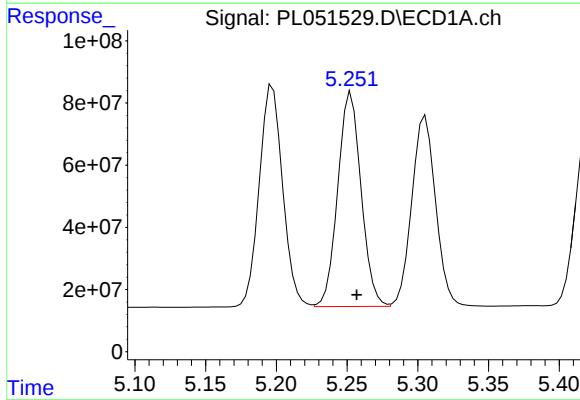
R.T.: 5.197 min  
Delta R.T.: -0.005 min  
Response: 814534762  
Conc: 581.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



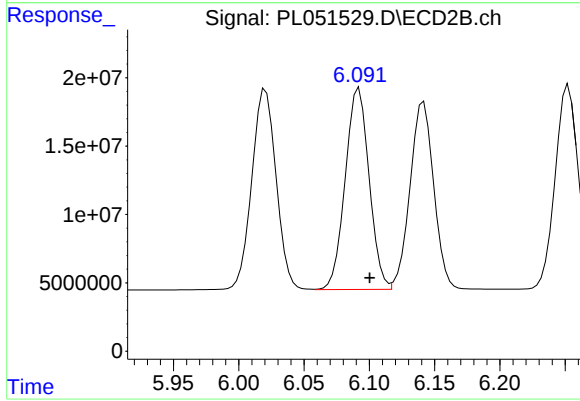
#25 Chlordane-3

R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 190532515  
Conc: 396.13 ng/ml



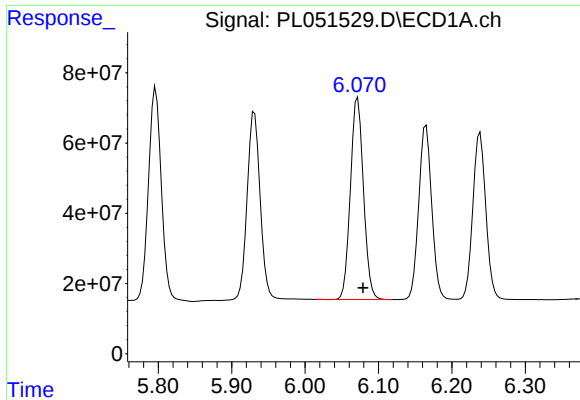
#26 Chlordane-4

R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 791927301  
Conc: 600.41 ng/ml



#26 Chlordane-4

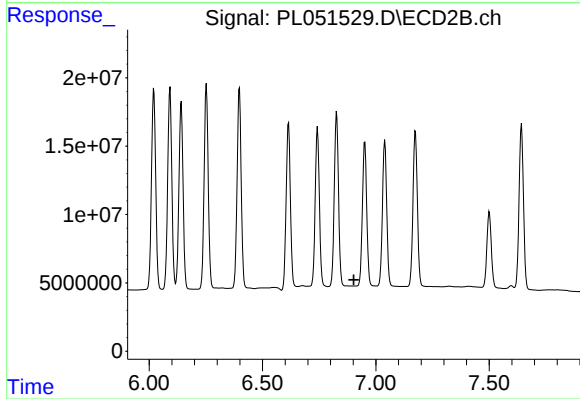
R.T.: 6.092 min  
Delta R.T.: -0.008 min  
Response: 187683747  
Conc: 323.08 ng/ml



#27 Chlordane-5

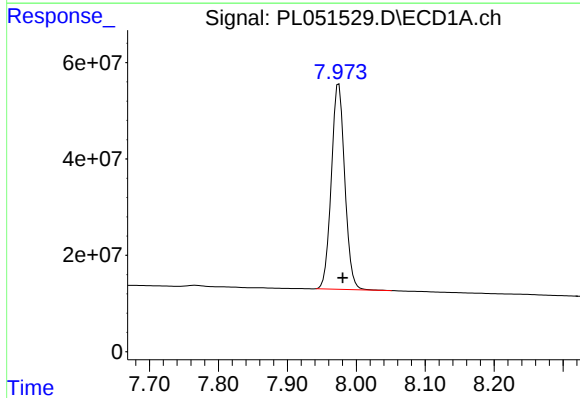
R.T.: 6.072 min  
Delta R.T.: -0.007 min  
Response: 711283734  
Conc: 1400.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



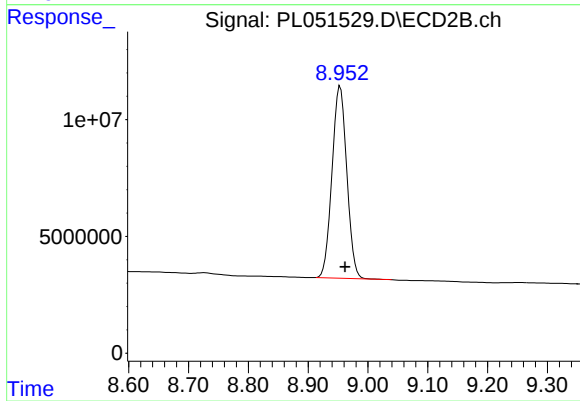
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 7.975 min  
Delta R.T.: -0.006 min  
Response: 576146140  
Conc: 56.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.954 min  
Delta R.T.: -0.008 min  
Response: 141506350  
Conc: 50.04 ng/ml