

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060220\  
 Data File : PL059063.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2020 16:40  
 Operator : AJ\MA  
 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: Jun 02 17:30:29 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 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... | 3.528  | 4.077  | 97848854 | 138.8E6  | 53.363   | 51.261     |
| 28)                         | SA Decachlor... | 8.307  | 9.191  | 80708687 | 110.6E6  | 47.769   | 41.955     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.970  | 4.470  | 147.8E6  | 209.4E6  | 54.348   | 52.181     |
| 3)                          | MA gamma-BHC... | 4.256  | 4.757  | 127.5E6  | 196.7E6  | 54.036   | 51.905     |
| 4)                          | MA Heptachlor   | 4.563  | 5.271  | 116.6E6  | 182.5E6  | 51.838   | 47.654     |
| 5)                          | MB Aldrin       | 4.813  | 5.579  | 103.1E6  | 171.3E6  | 53.234   | 50.220     |
| 6)                          | B beta-BHC      | 4.505  | 4.925  | 51453703 | 84242593 | 50.064   | 48.414     |
| 7)                          | B delta-BHC     | 4.713  | 5.145  | 115.4E6  | 168.8E6  | 53.841   | 46.289     |
| 8)                          | B Heptachlo...  | 5.258  | 5.967  | 96215714 | 149.5E6  | 52.131   | 45.322     |
| 9)                          | A Endosulfan I  | 5.599  | 6.326  | 88597328 | 147.0E6  | 52.193   | 50.001     |
| 10)                         | B gamma-Chl...  | 5.486  | 6.202  | 94508246 | 160.2E6  | 51.549   | 48.368     |
| 11)                         | B alpha-Chl...  | 5.545  | 6.275  | 94043943 | 159.6E6  | 51.396   | 49.121     |
| 12)                         | B 4,4'-DDE      | 5.709  | 6.430  | 86244461 | 145.5E6  | 52.521   | 50.976     |
| 13)                         | MA Dieldrin     | 5.843  | 6.584  | 91936427 | 152.8E6  | 52.376   | 50.443     |
| 14)                         | MA Endrin       | 6.101  | 6.803  | 76436613 | 116.7E6  | 48.770   | 46.755     |
| 15)                         | B Endosulfa...  | 6.374  | 7.011  | 84800099 | 134.9E6  | 50.898   | 48.118     |
| 16)                         | A 4,4'-DDD      | 6.225  | 6.921  | 77069427 | 126.1E6  | 54.446   | 52.850     |
| 17)                         | MA 4,4'-DDT     | 6.468  | 7.221  | 65281651 | 105.0E6  | 44.879   | 44.137     |
| 18)                         | B Endrin al...  | 6.542  | 7.136  | 71783935 | 117.0E6  | 50.867   | 49.577     |
| 19)                         | B Endosulfa...  | 6.755  | 7.359  | 82915046 | 128.1E6  | 50.822   | 48.762     |
| 20)                         | A Methoxychlor  | 7.013  | 7.678  | 38372961 | 61737943 | 44.985   | 44.267     |
| 21)                         | B Endrin ke...  | 7.248  | 7.833  | 98015953 | 143.1E6  | 53.149   | 51.652     |
| 22)                         | Mirex           | 7.442  | 8.290  | 72639750 | 97679704 | 46.966   | 44.569     |
| 23)                         | Chlordane-1     | 4.434f | 0.000  | 816873   | 0        | 15.613   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.579f | 0        | 171.3E6  | N.D.     | 1679.161 # |
| 25)                         | Chlordane-3     | 5.486  | 6.202  | 94508246 | 160.2E6  | 630.157  | 420.848 #  |
| 26)                         | Chlordane-4     | 5.545  | 6.275  | 94043943 | 159.6E6  | 765.604  | 350.383 #  |
| 27)                         | Chlordane-5     | 6.374  | 0.000  | 84800099 | 0        | 1604.642 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

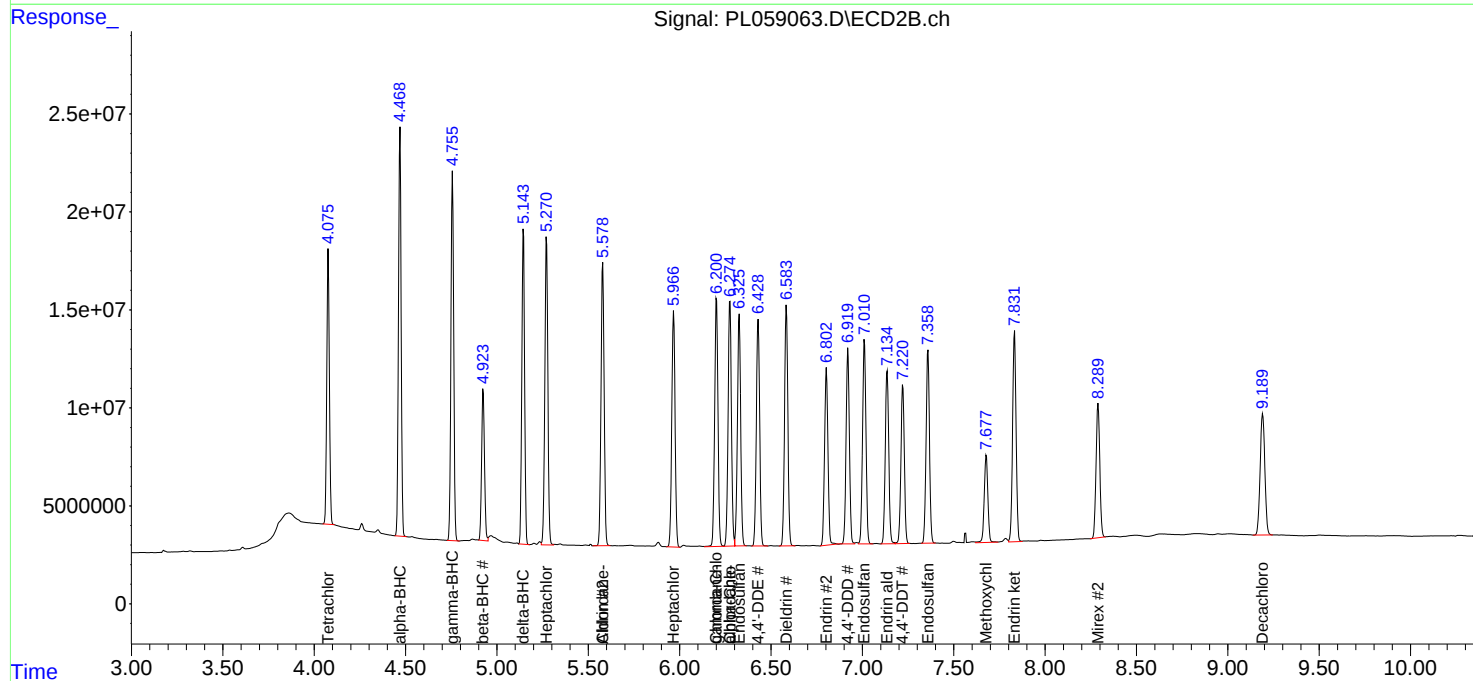
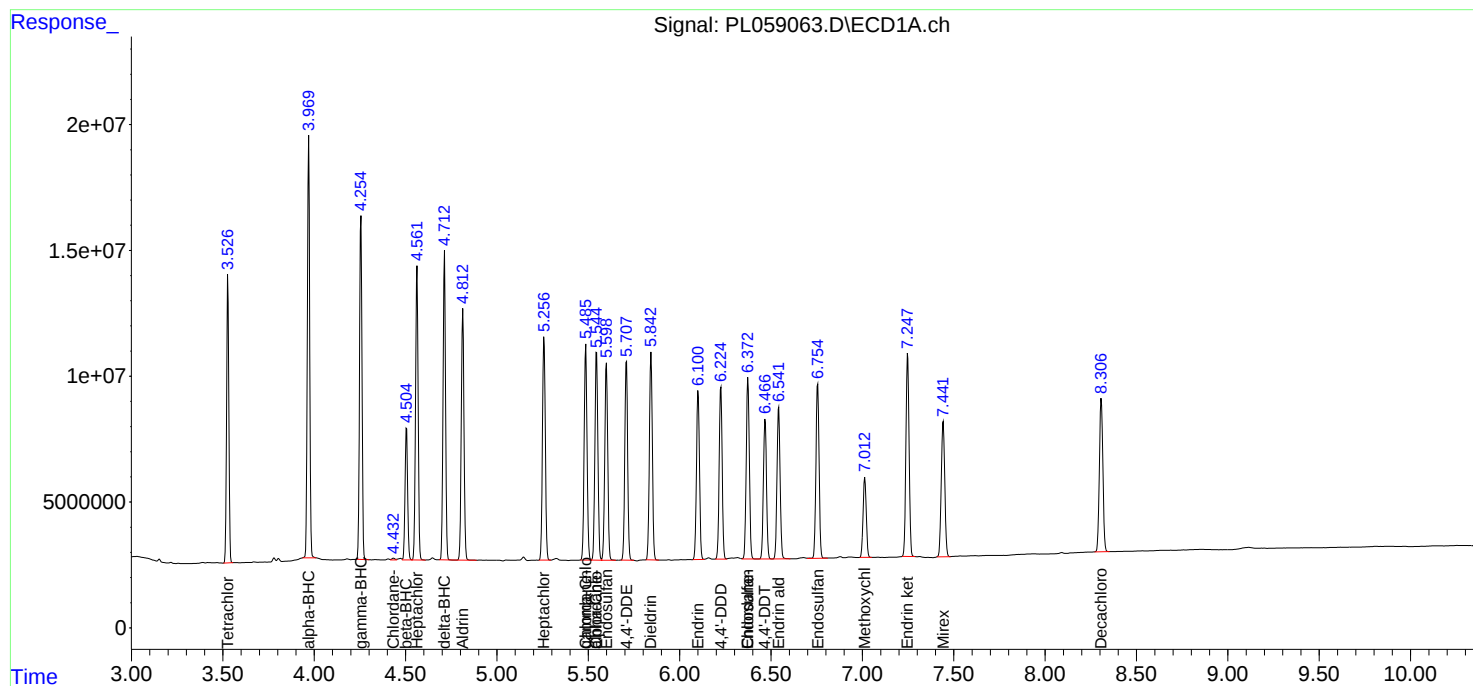
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

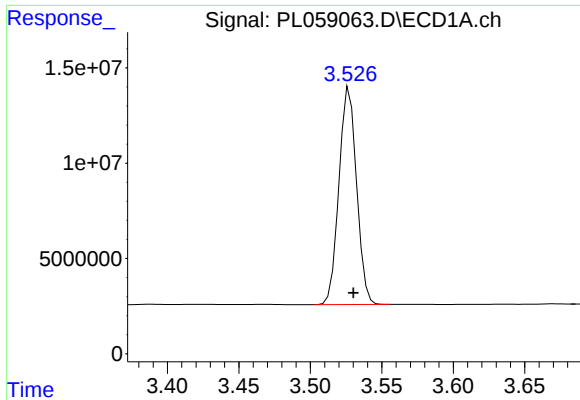
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060220\  
Data File : PL059063.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jun 2020 16:40  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 02 17:30:29 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 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

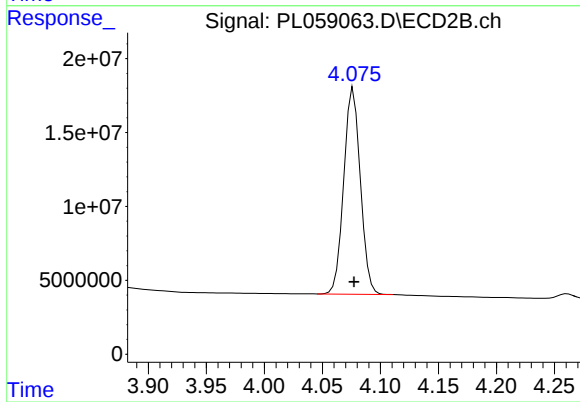




#1 Tetrachloro-m-xylene

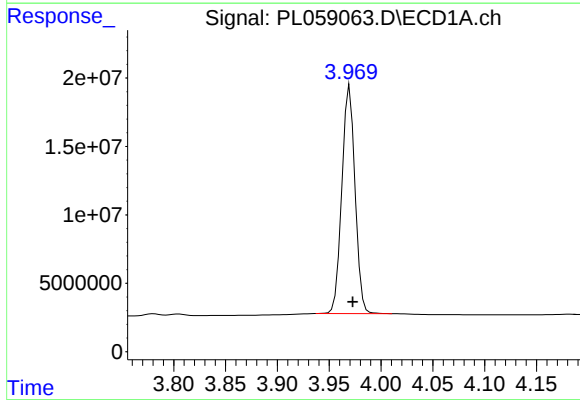
R.T.: 3.528 min  
Delta R.T.: -0.002 min  
Response: 97848854  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



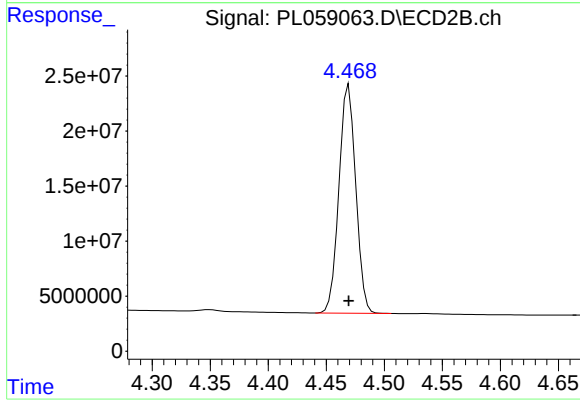
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: 0.000 min  
Response: 138835529  
Conc: 51.26 ng/ml



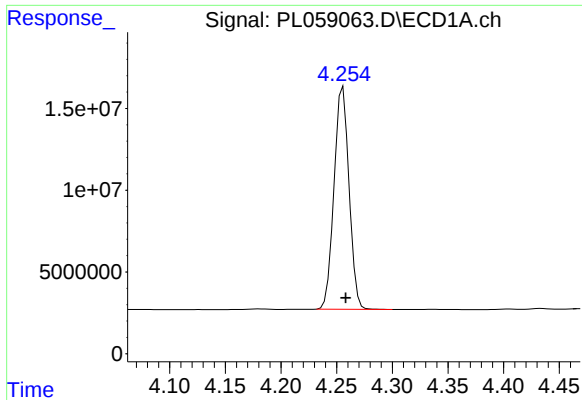
#2 alpha-BHC

R.T.: 3.970 min  
Delta R.T.: -0.003 min  
Response: 147763853  
Conc: 54.35 ng/ml



#2 alpha-BHC

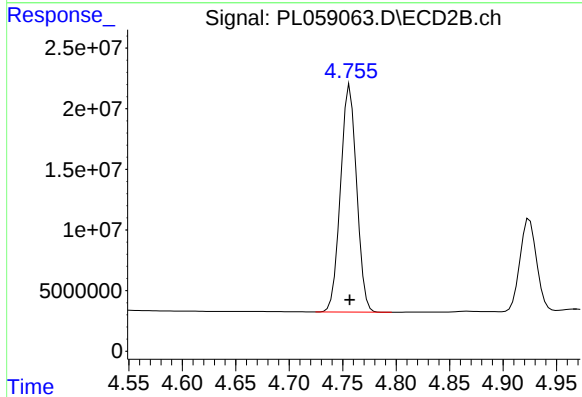
R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 209415829  
Conc: 52.18 ng/ml



#3 gamma-BHC (Lindane)

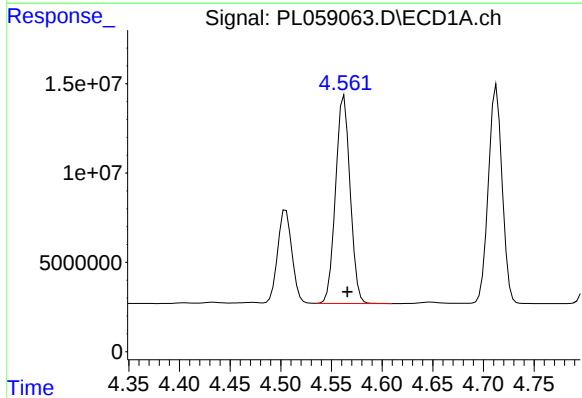
R.T.: 4.256 min  
Delta R.T.: -0.002 min  
Response: 127537733  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



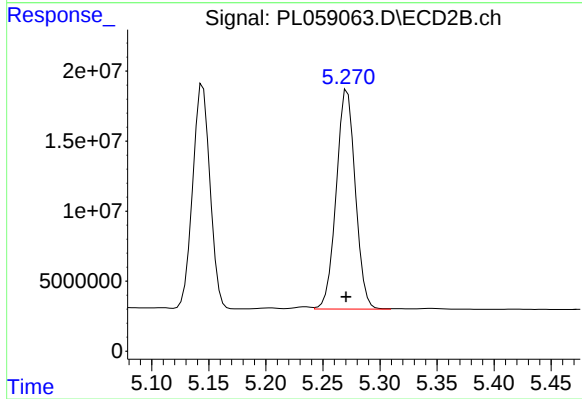
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 196709726  
Conc: 51.90 ng/ml



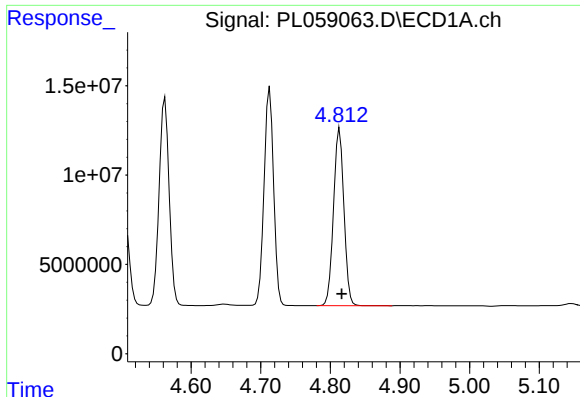
#4 Heptachlor

R.T.: 4.563 min  
Delta R.T.: -0.003 min  
Response: 116557514  
Conc: 51.84 ng/ml



#4 Heptachlor

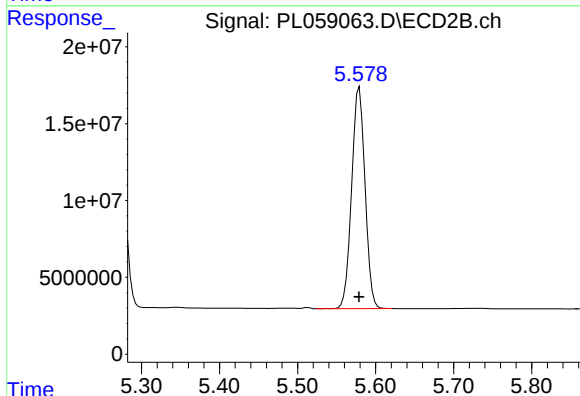
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 182533734  
Conc: 47.65 ng/ml



#5 Aldrin

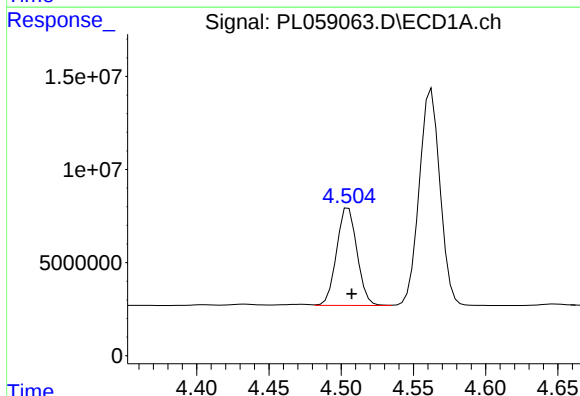
R.T.: 4.813 min  
Delta R.T.: -0.003 min  
Response: 103061306  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



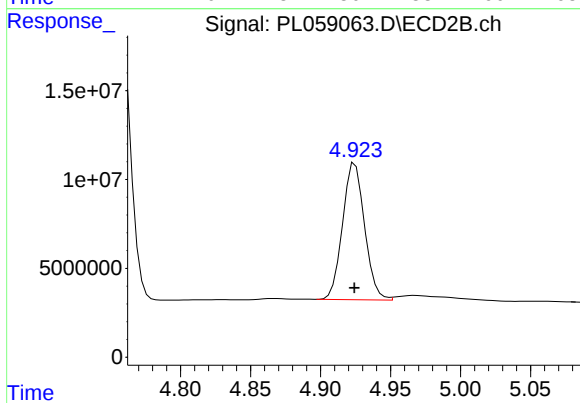
#5 Aldrin

R.T.: 5.579 min  
Delta R.T.: 0.000 min  
Response: 171310413  
Conc: 50.22 ng/ml



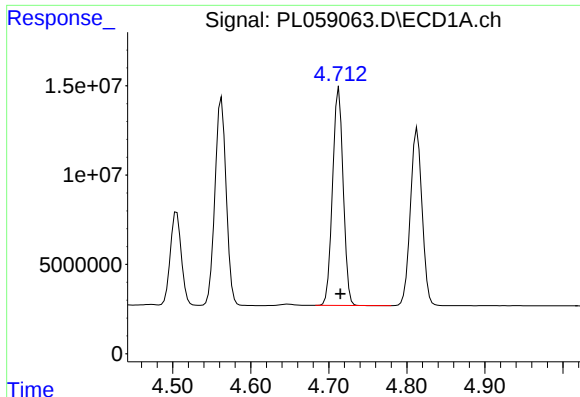
#6 beta-BHC

R.T.: 4.505 min  
Delta R.T.: -0.002 min  
Response: 51453703  
Conc: 50.06 ng/ml



#6 beta-BHC

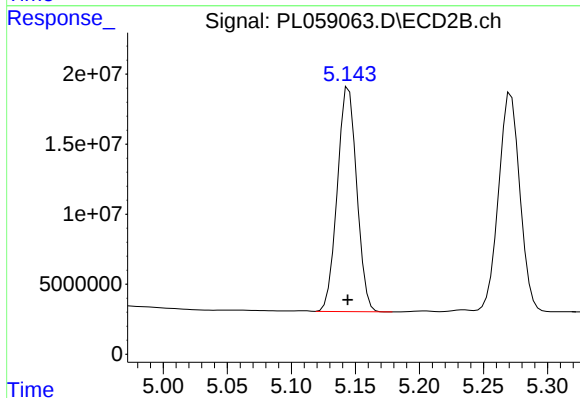
R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 84242593  
Conc: 48.41 ng/ml



#7 delta-BHC

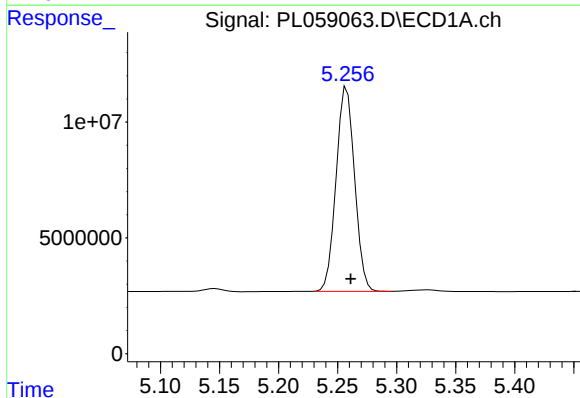
R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 115442747  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



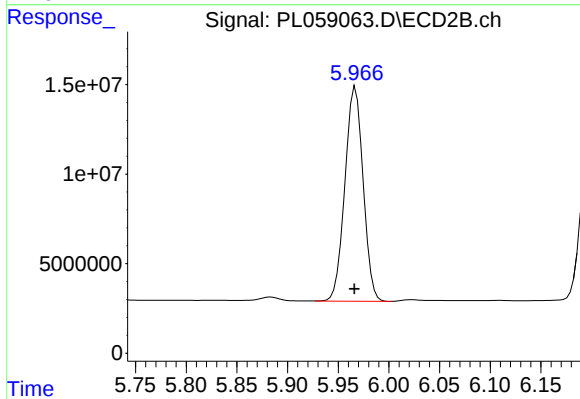
#7 delta-BHC

R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 168823879  
Conc: 46.29 ng/ml



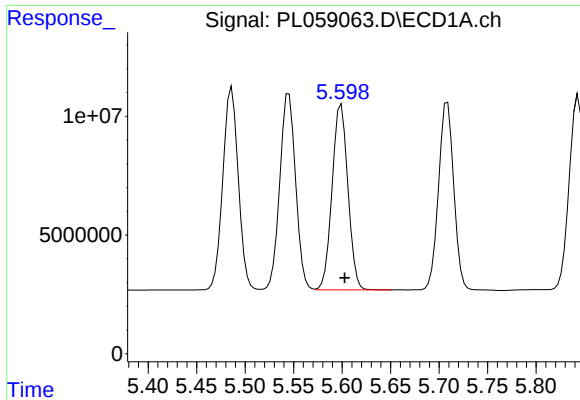
#8 Heptachlor epoxide

R.T.: 5.258 min  
Delta R.T.: -0.003 min  
Response: 96215714  
Conc: 52.13 ng/ml



#8 Heptachlor epoxide

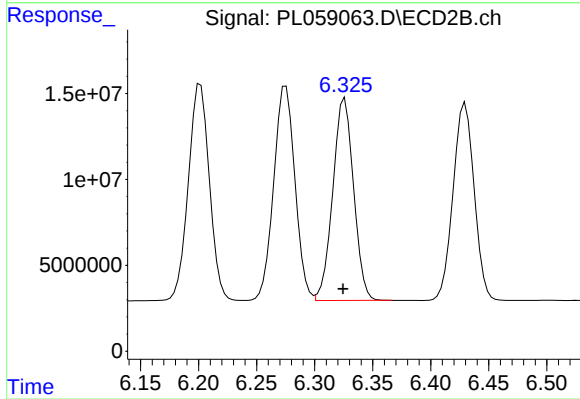
R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 149483360  
Conc: 45.32 ng/ml



#9 Endosulfan I

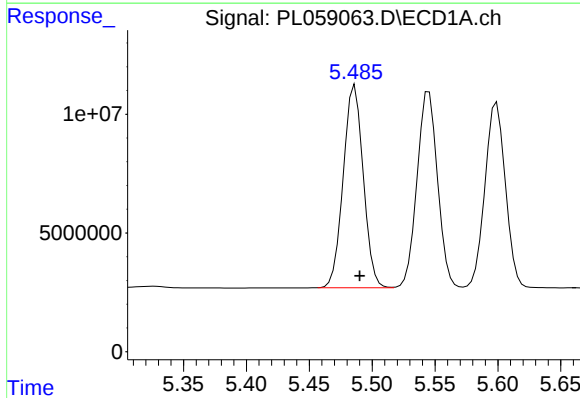
R.T.: 5.599 min  
Delta R.T.: -0.003 min  
Response: 88597328  
Conc: 52.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



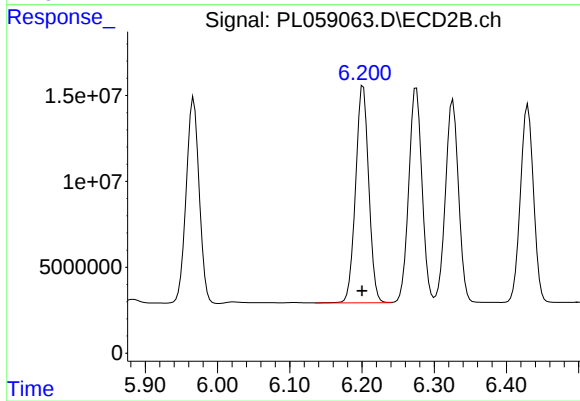
#9 Endosulfan I

R.T.: 6.326 min  
Delta R.T.: 0.001 min  
Response: 146992003  
Conc: 50.00 ng/ml



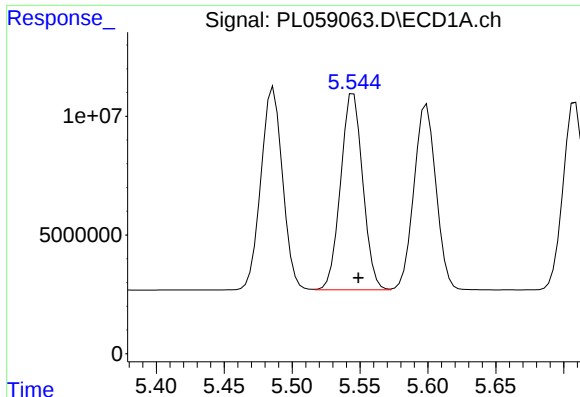
#10 gamma-Chlordane

R.T.: 5.486 min  
Delta R.T.: -0.004 min  
Response: 94508246  
Conc: 51.55 ng/ml



#10 gamma-Chlordane

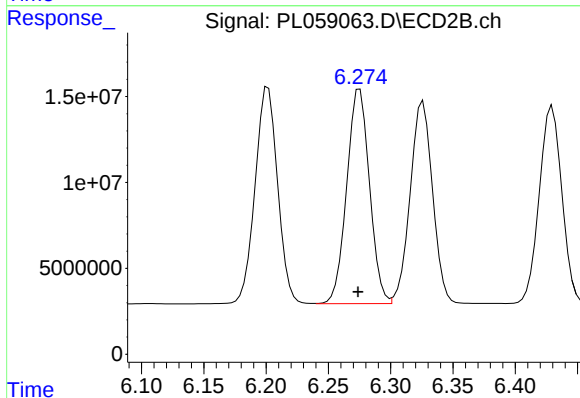
R.T.: 6.202 min  
Delta R.T.: 0.001 min  
Response: 160203764  
Conc: 48.37 ng/ml



#11 alpha-Chlordane

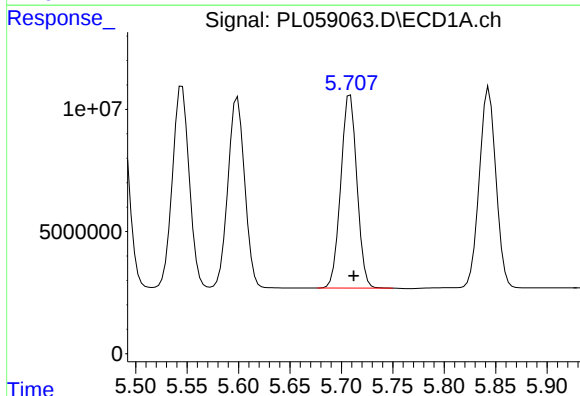
R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 94043943  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



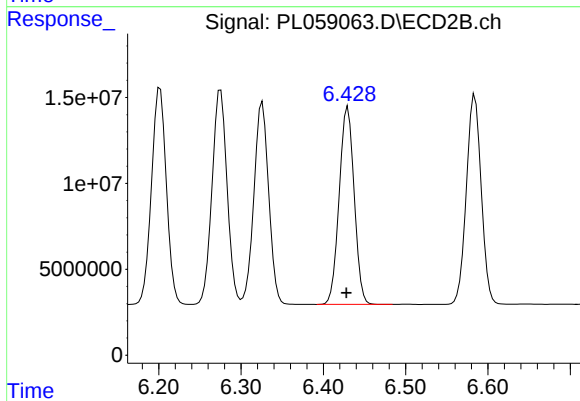
#11 alpha-Chlordane

R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 159550451  
Conc: 49.12 ng/ml



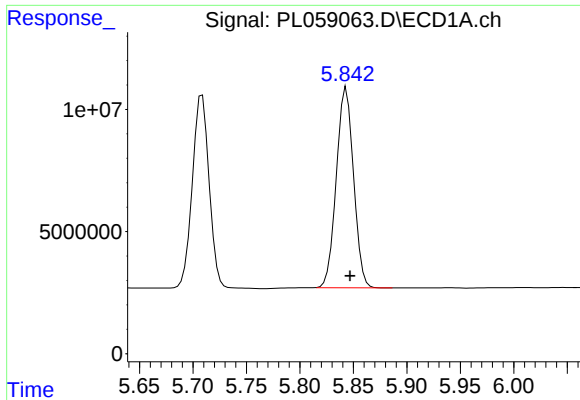
#12 4,4'-DDE

R.T.: 5.709 min  
Delta R.T.: -0.003 min  
Response: 86244461  
Conc: 52.52 ng/ml



#12 4,4'-DDE

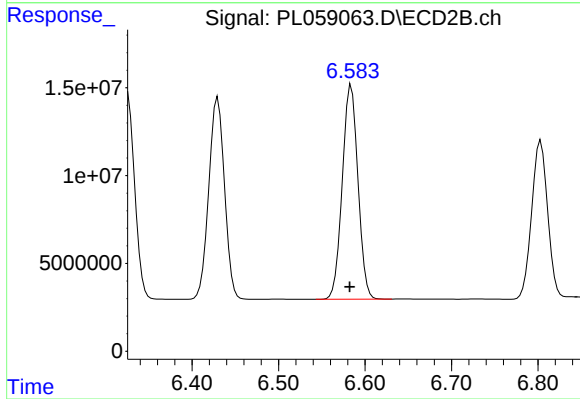
R.T.: 6.430 min  
Delta R.T.: 0.002 min  
Response: 145482613  
Conc: 50.98 ng/ml



#13 Dieldrin

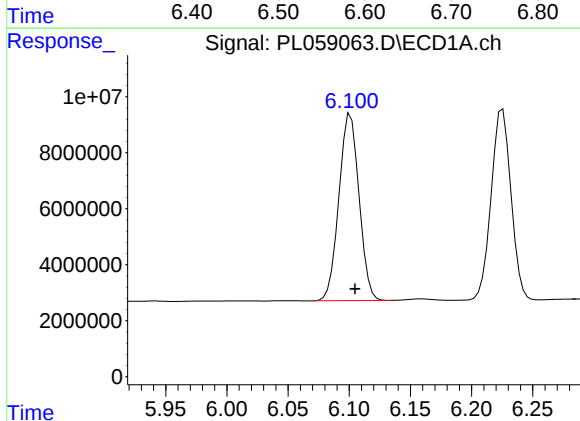
R.T.: 5.843 min  
Delta R.T.: -0.003 min  
Response: 91936427  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



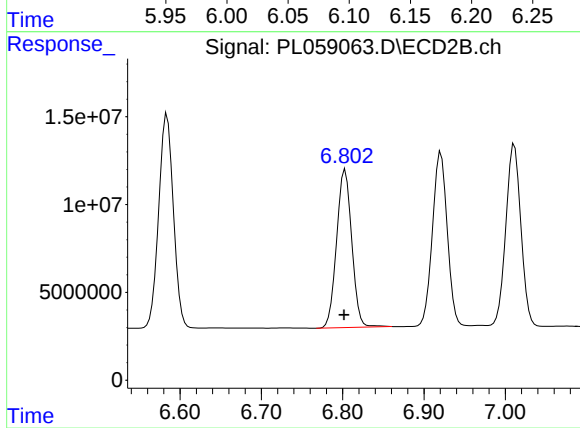
#13 Dieldrin

R.T.: 6.584 min  
Delta R.T.: 0.002 min  
Response: 152797098  
Conc: 50.44 ng/ml



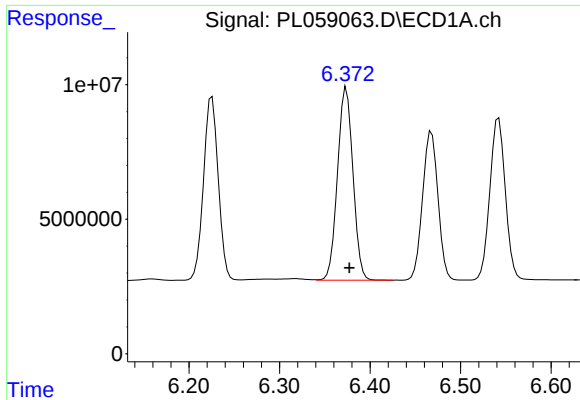
#14 Endrin

R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 76436613  
Conc: 48.77 ng/ml



#14 Endrin

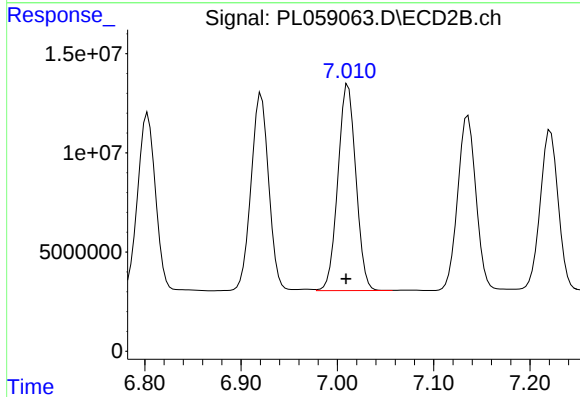
R.T.: 6.803 min  
Delta R.T.: 0.002 min  
Response: 116668789  
Conc: 46.76 ng/ml



#15 Endosulfan II

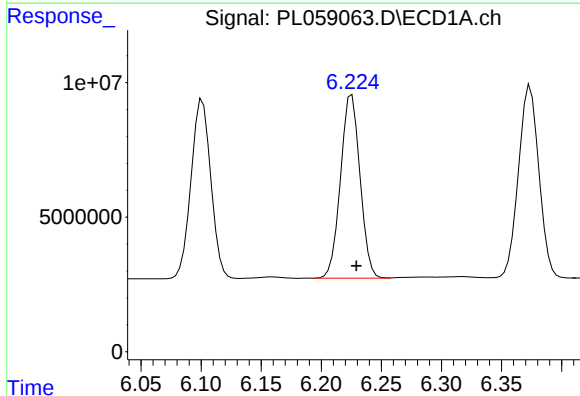
R.T.: 6.374 min  
Delta R.T.: -0.003 min  
Response: 84800099  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



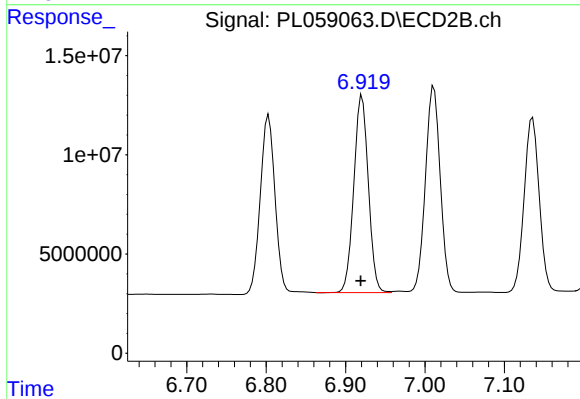
#15 Endosulfan II

R.T.: 7.011 min  
Delta R.T.: 0.002 min  
Response: 134877389  
Conc: 48.12 ng/ml



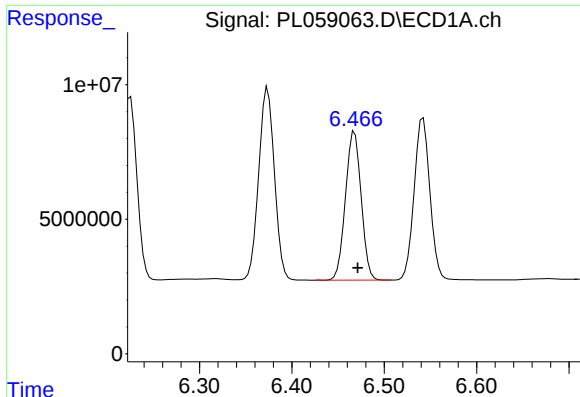
#16 4,4'-DDD

R.T.: 6.225 min  
Delta R.T.: -0.004 min  
Response: 77069427  
Conc: 54.45 ng/ml



#16 4,4'-DDD

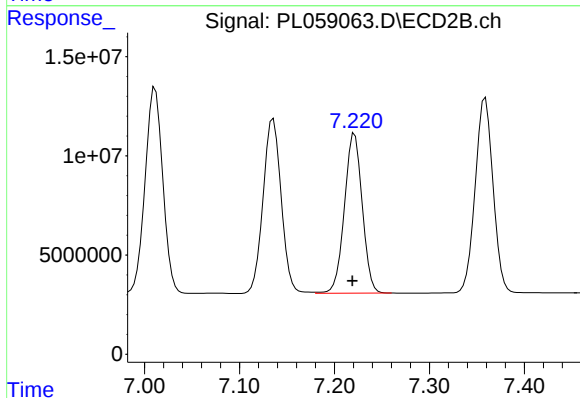
R.T.: 6.921 min  
Delta R.T.: 0.002 min  
Response: 126093437  
Conc: 52.85 ng/ml



#17 4,4'-DDT

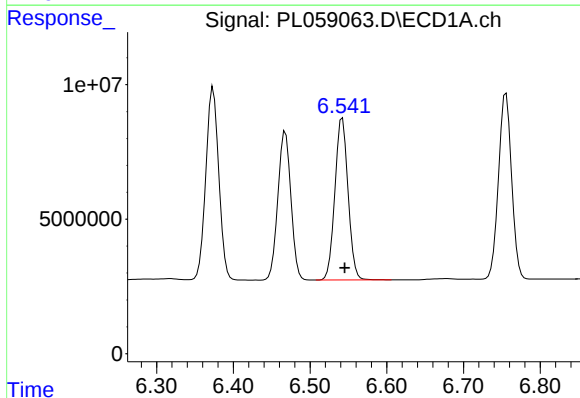
R.T.: 6.468 min  
Delta R.T.: -0.003 min  
Response: 65281651  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



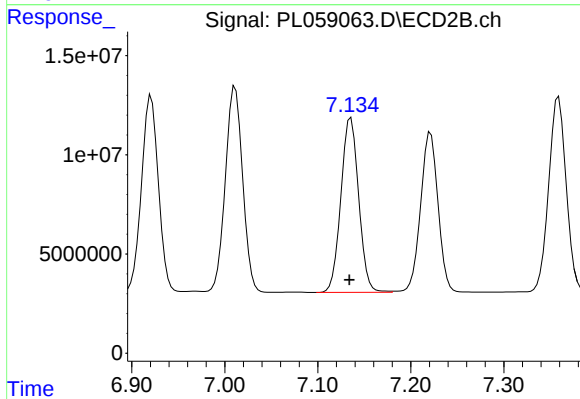
#17 4,4'-DDT

R.T.: 7.221 min  
Delta R.T.: 0.002 min  
Response: 104962548  
Conc: 44.14 ng/ml



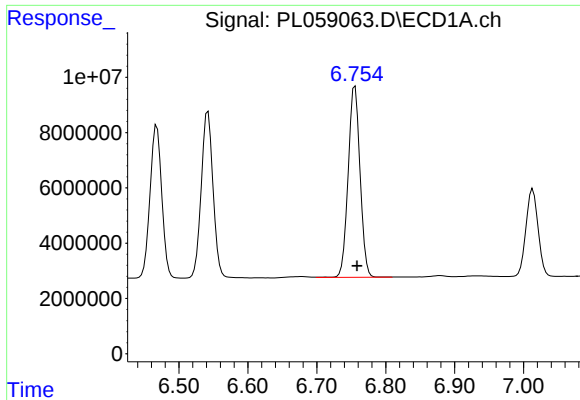
#18 Endrin aldehyde

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 71783935  
Conc: 50.87 ng/ml



#18 Endrin aldehyde

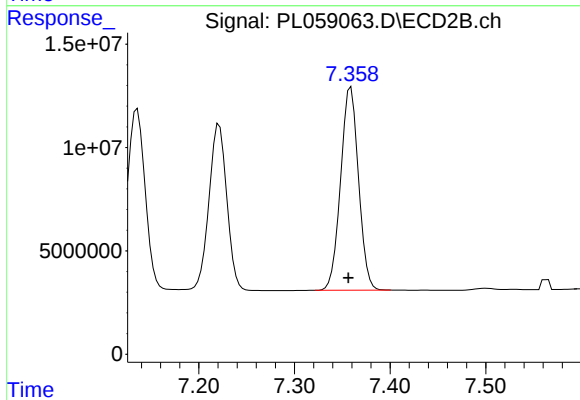
R.T.: 7.136 min  
Delta R.T.: 0.002 min  
Response: 116982464  
Conc: 49.58 ng/ml



#19 Endosulfan Sulfate

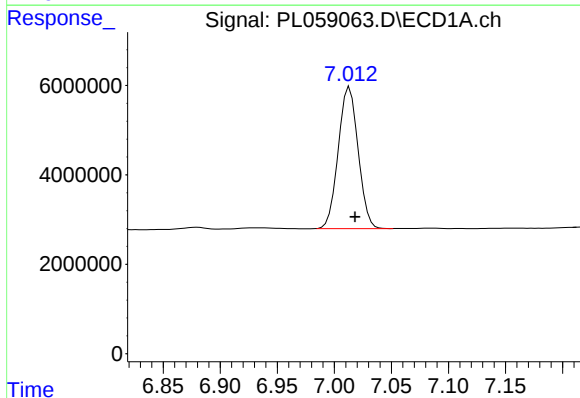
R.T.: 6.755 min  
Delta R.T.: -0.003 min  
Response: 82915046  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



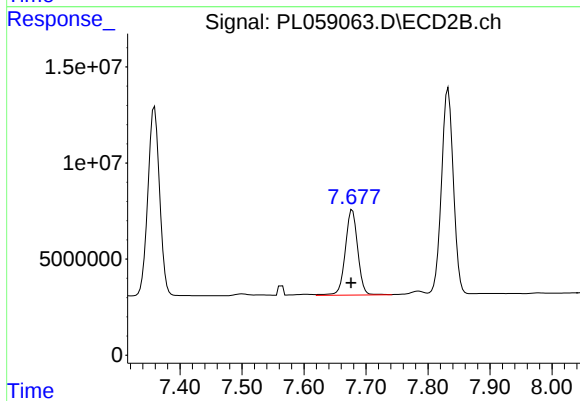
#19 Endosulfan Sulfate

R.T.: 7.359 min  
Delta R.T.: 0.003 min  
Response: 128142409  
Conc: 48.76 ng/ml



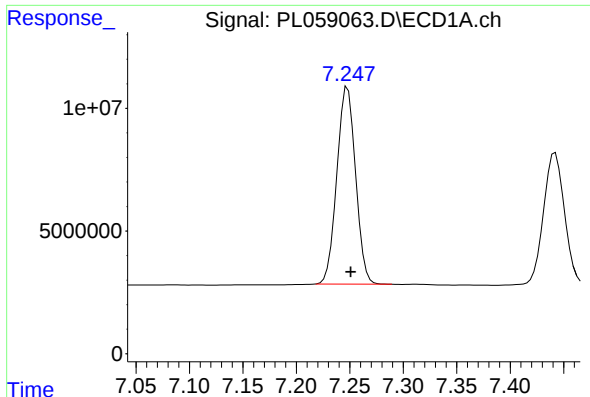
#20 Methoxychlor

R.T.: 7.013 min  
Delta R.T.: -0.005 min  
Response: 38372961  
Conc: 44.98 ng/ml



#20 Methoxychlor

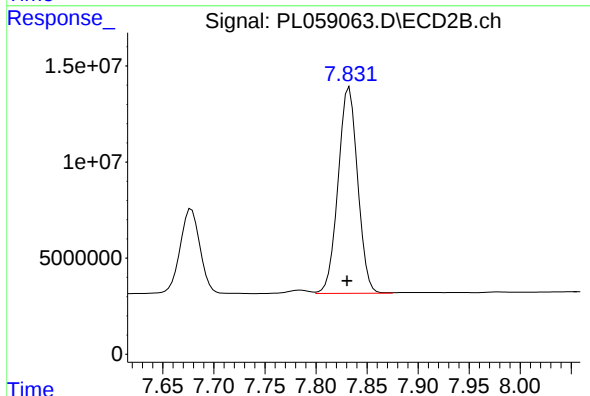
R.T.: 7.678 min  
Delta R.T.: 0.002 min  
Response: 61737943  
Conc: 44.27 ng/ml



#21 Endrin ketone

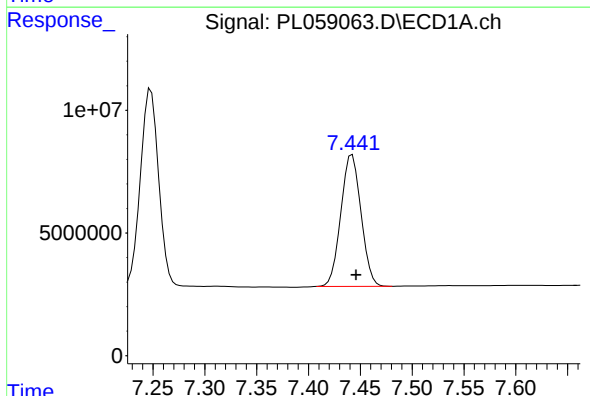
R.T.: 7.248 min  
Delta R.T.: -0.003 min  
Response: 98015953  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



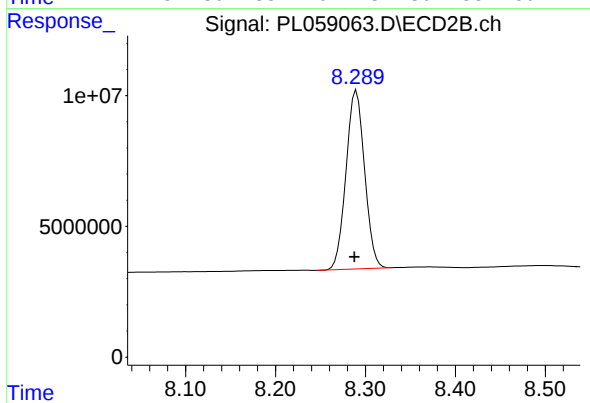
#21 Endrin ketone

R.T.: 7.833 min  
Delta R.T.: 0.002 min  
Response: 143091503  
Conc: 51.65 ng/ml



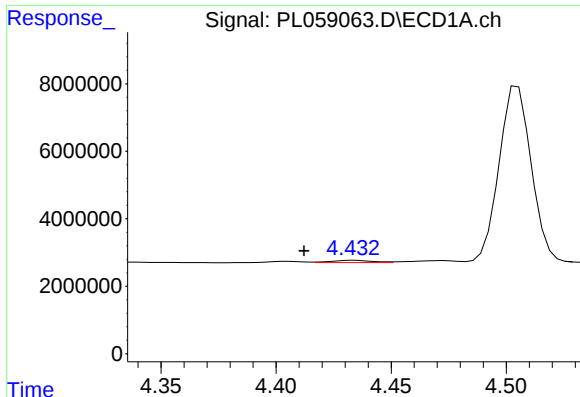
#22 Mirex

R.T.: 7.442 min  
Delta R.T.: -0.004 min  
Response: 72639750  
Conc: 46.97 ng/ml



#22 Mirex

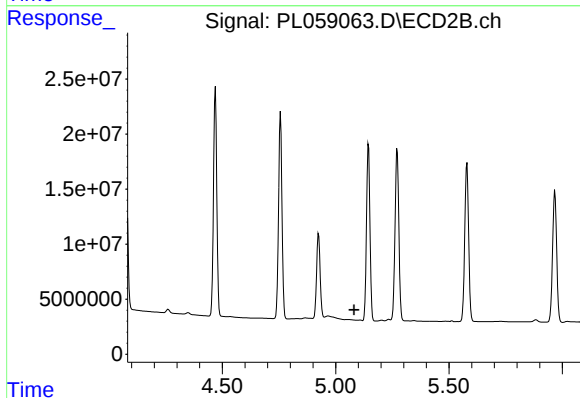
R.T.: 8.290 min  
Delta R.T.: 0.002 min  
Response: 97679704  
Conc: 44.57 ng/ml



#23 Chlordane-1

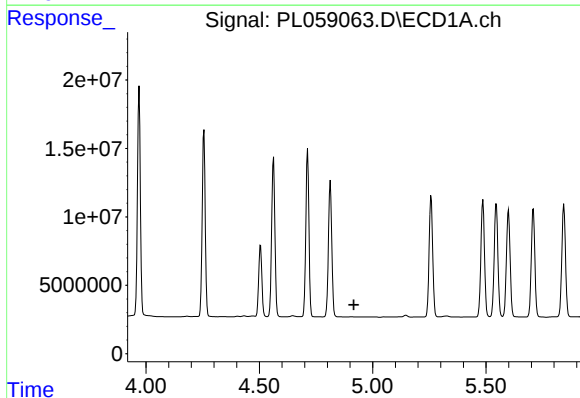
R.T.: 4.434 min  
Delta R.T.: 0.022 min  
Response: 816873  
Conc: 15.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



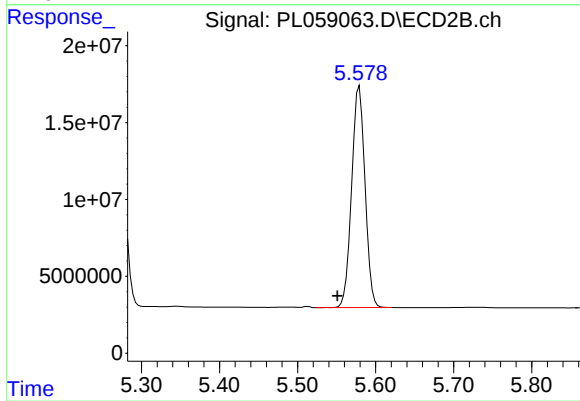
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.081 min  
Response: 0  
Conc: N.D.



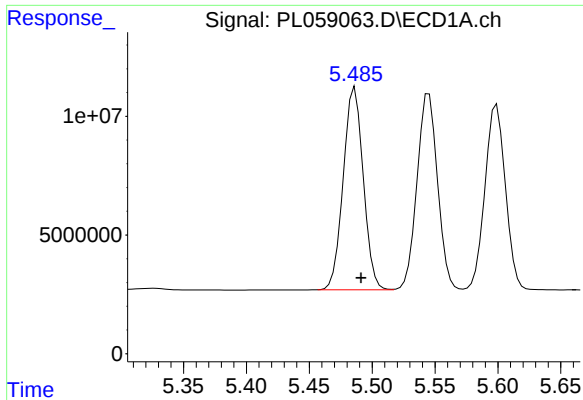
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.917 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

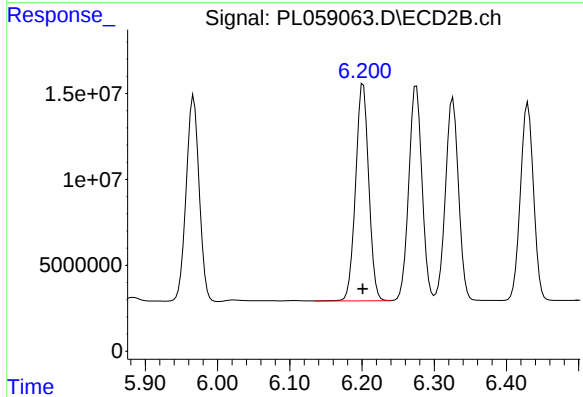
R.T.: 5.579 min  
Delta R.T.: 0.028 min  
Response: 171310413  
Conc: 1679.16 ng/ml



#25 Chlordane-3

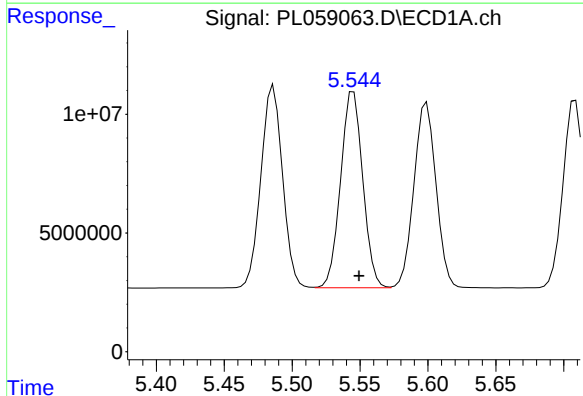
R.T.: 5.486 min  
Delta R.T.: -0.005 min  
Response: 94508246  
Conc: 630.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



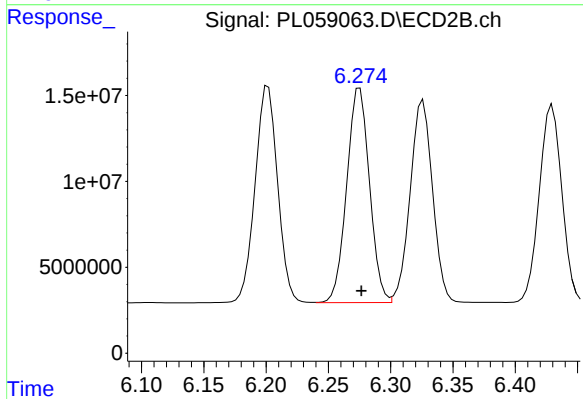
#25 Chlordane-3

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 160203764  
Conc: 420.85 ng/ml



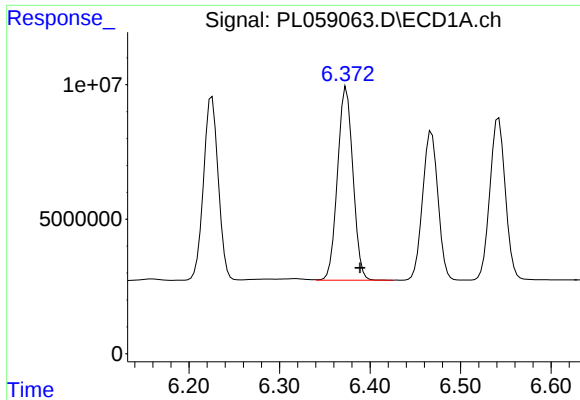
#26 Chlordane-4

R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 94043943  
Conc: 765.60 ng/ml



#26 Chlordane-4

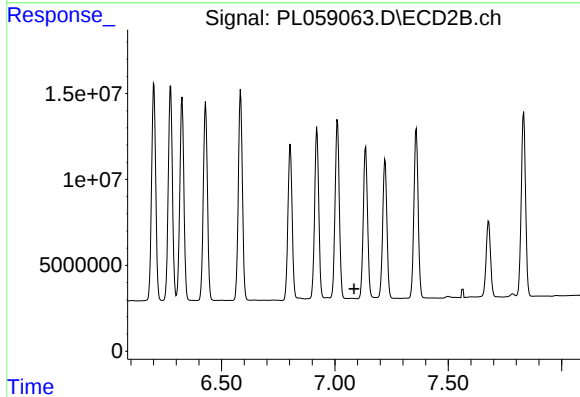
R.T.: 6.275 min  
Delta R.T.: -0.001 min  
Response: 159550451  
Conc: 350.38 ng/ml



#27 Chlordane-5

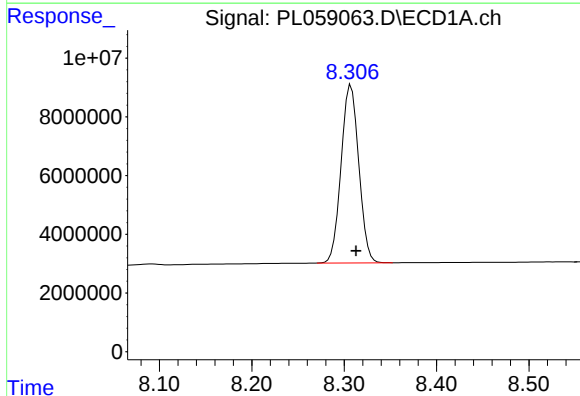
R.T.: 6.374 min  
Delta R.T.: -0.015 min  
Response: 84800099  
Conc: 1604.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



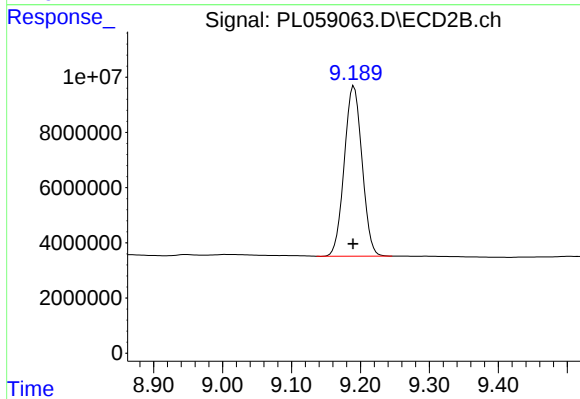
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.085 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.307 min  
Delta R.T.: -0.005 min  
Response: 80708687  
Conc: 47.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.191 min  
Delta R.T.: 0.001 min  
Response: 110601575  
Conc: 41.95 ng/ml