

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041520\  
 Data File : PL058056.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2020 02:58  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

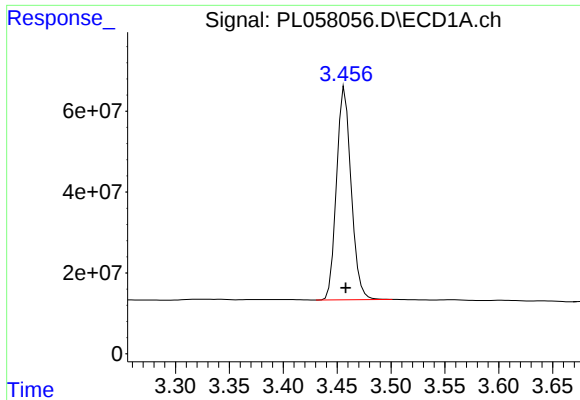
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 05:00:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 Response via : Initial Calibration  
 Integrator: 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... | 3.457 | 3.956  | 496.3E6 | 99575530 | 49.229   | 45.884     |
| 28)                         | SA Decachlor... | 8.204 | 8.977  | 461.8E6 | 96193013 | 44.794   | 43.063     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.343  | 863.5E6 | 157.4E6  | 49.707   | 47.939     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.626  | 793.5E6 | 156.0E6  | 54.589   | 48.031     |
| 4)                          | MA Heptachlor   | 4.477 | 5.128  | 810.3E6 | 161.0E6  | 50.548   | 47.984     |
| 5)                          | MB Aldrin       | 4.725 | 5.429  | 775.3E6 | 157.0E6  | 52.649   | 48.471     |
| 6)                          | B beta-BHC      | 4.429 | 4.800  | 326.6E6 | 68064246 | 51.712   | 49.017     |
| 7)                          | B delta-BHC     | 4.633 | 5.013  | 805.7E6 | 134.8E6  | 53.087   | 53.742     |
| 8)                          | B Heptachlo...  | 5.167 | 5.814  | 702.5E6 | 151.5E6  | 52.269   | 56.122     |
| 9)                          | A Endosulfan I  | 5.506 | 6.168  | 637.9E6 | 142.2E6  | 52.044   | 47.676     |
| 10)                         | B gamma-Chl...  | 5.394 | 6.047  | 705.7E6 | 156.3E6  | 51.961   | 48.238     |
| 11)                         | B alpha-Chl...  | 5.453 | 6.119  | 682.8E6 | 156.1E6  | 51.274   | 47.692     |
| 12)                         | B 4,4'-DDE      | 5.617 | 6.278  | 656.7E6 | 140.5E6  | 50.128   | 47.461     |
| 13)                         | MA Dieldrin     | 5.749 | 6.424  | 673.9E6 | 145.5E6  | 51.799   | 47.629     |
| 14)                         | MA Endrin       | 6.006 | 6.640  | 570.4E6 | 113.5E6  | 48.864   | 45.421     |
| 15)                         | B Endosulfa...  | 6.280 | 6.851  | 541.0E6 | 117.2E6  | 48.902   | 45.198     |
| 16)                         | A 4,4'-DDD      | 6.132 | 6.767  | 540.1E6 | 112.6E6  | 54.035   | 49.320     |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.063  | 453.6E6 | 91197177 | 44.690   | 40.944     |
| 18)                         | B Endrin al...  | 6.448 | 6.975  | 441.4E6 | 96647980 | 47.215   | 43.503     |
| 19)                         | B Endosulfa...  | 6.660 | 7.197  | 485.3E6 | 106.0E6  | 47.767   | 44.669     |
| 20)                         | A Methoxychlor  | 6.918 | 7.523  | 236.1E6 | 50548052 | 42.827   | 39.738     |
| 21)                         | B Endrin ke...  | 7.151 | 7.665  | 558.4E6 | 113.4E6  | 50.163   | 45.884     |
| 22)                         | Mirex           | 7.338 | 8.115  | 369.0E6 | 81145828 | 45.012   | 44.134     |
| 23)                         | Chlordane-1     | 4.329 | 0.000  | 568882  | 0        | 1.538    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829 | 5.429f | 9816703 | 157.0E6  | 24.316   | 1504.025 # |
| 25)                         | Chlordane-3     | 5.394 | 6.047  | 705.7E6 | 156.3E6  | 577.202  | 361.206 #  |
| 26)                         | Chlordane-4     | 5.453 | 6.119  | 682.8E6 | 156.1E6  | 656.361  | 297.304 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 541.0E6 | 0        | 1430.083 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

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

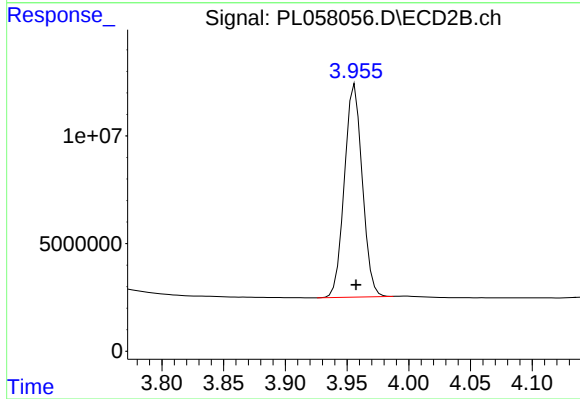




#1 Tetrachloro-m-xylene

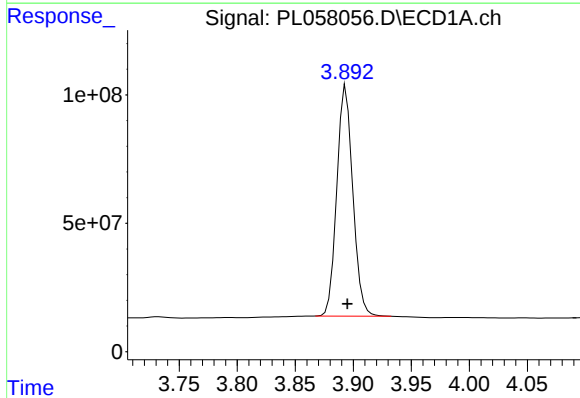
R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 496279286  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



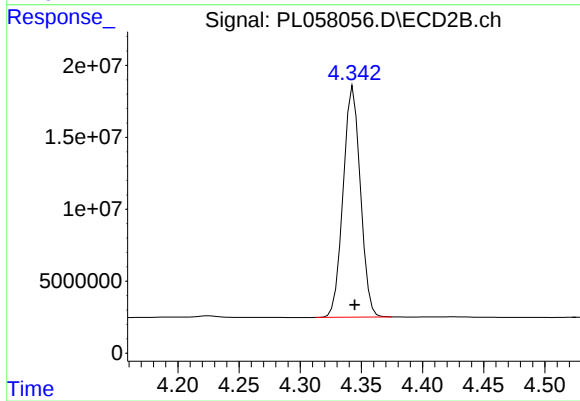
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 99575530  
Conc: 45.88 ng/ml



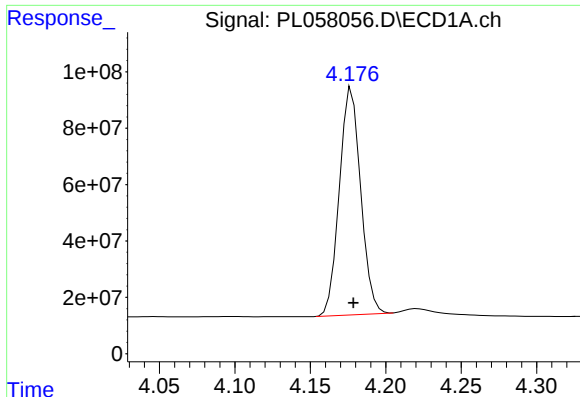
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: -0.001 min  
Response: 863509636  
Conc: 49.71 ng/ml



#2 alpha-BHC

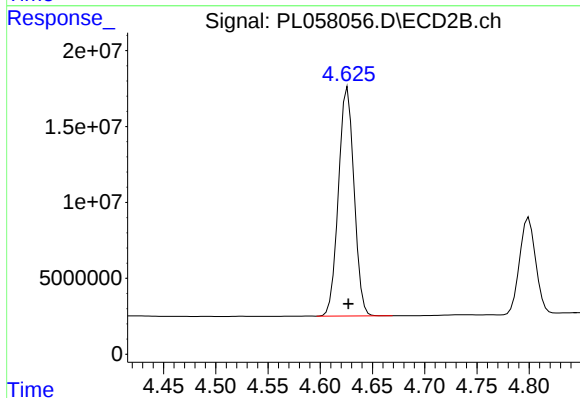
R.T.: 4.343 min  
Delta R.T.: -0.001 min  
Response: 157416333  
Conc: 47.94 ng/ml



#3 gamma-BHC (Lindane)

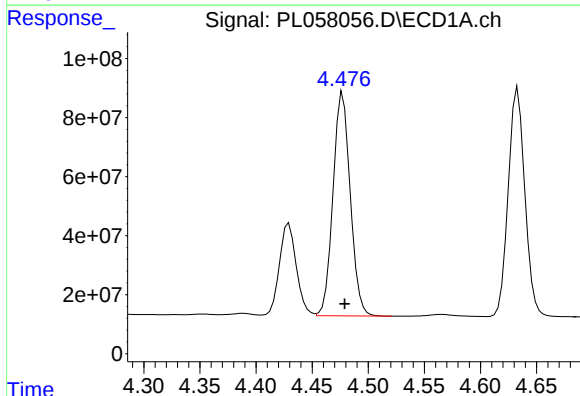
R.T.: 4.177 min  
Delta R.T.: -0.001 min  
Response: 793463160  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



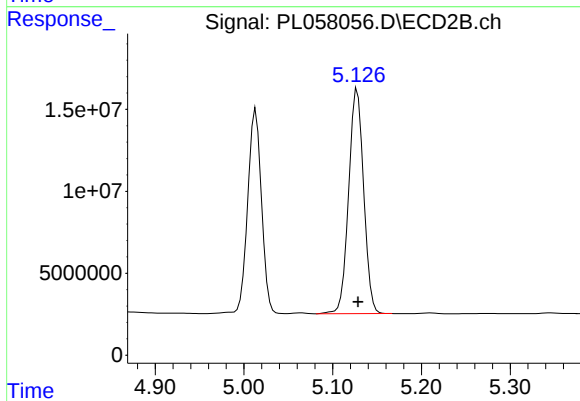
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: 0.000 min  
Response: 156031031  
Conc: 48.03 ng/ml



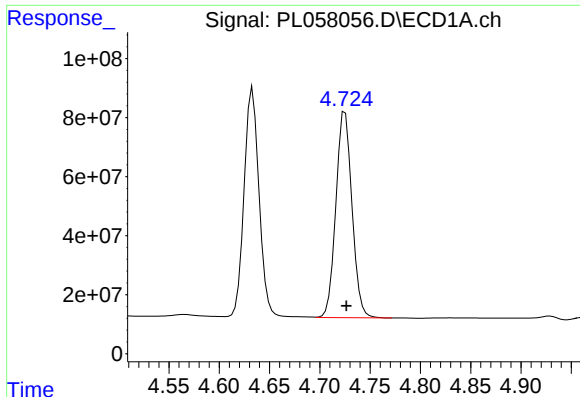
#4 Heptachlor

R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 810306803  
Conc: 50.55 ng/ml



#4 Heptachlor

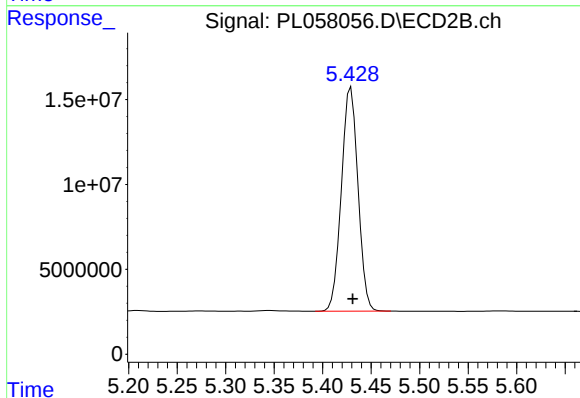
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 161040155  
Conc: 47.98 ng/ml



#5 Aldrin

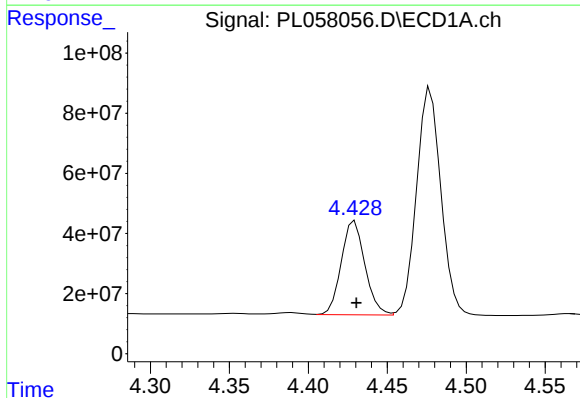
R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 775257508  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



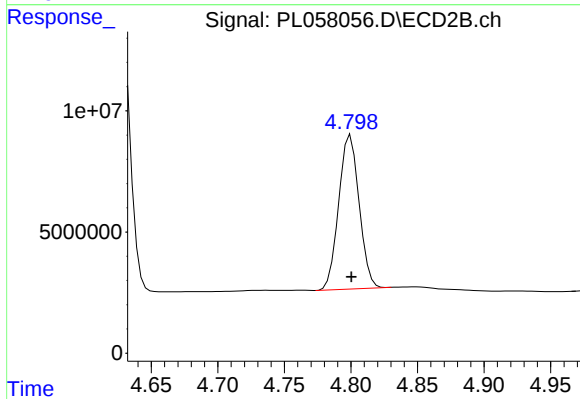
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 156958019  
Conc: 48.47 ng/ml



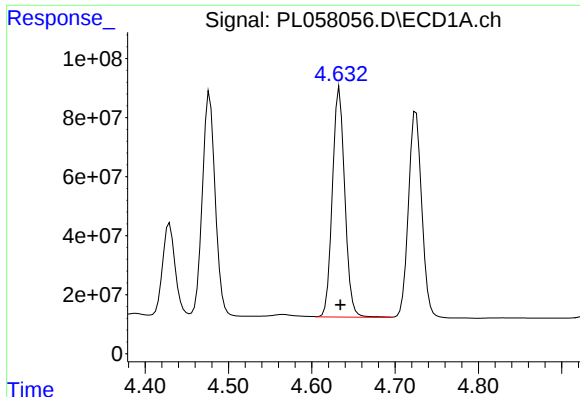
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.001 min  
Response: 326575763  
Conc: 51.71 ng/ml



#6 beta-BHC

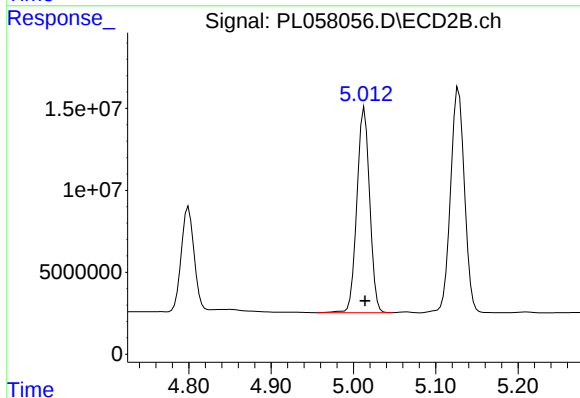
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 68064246  
Conc: 49.02 ng/ml



#7 delta-BHC

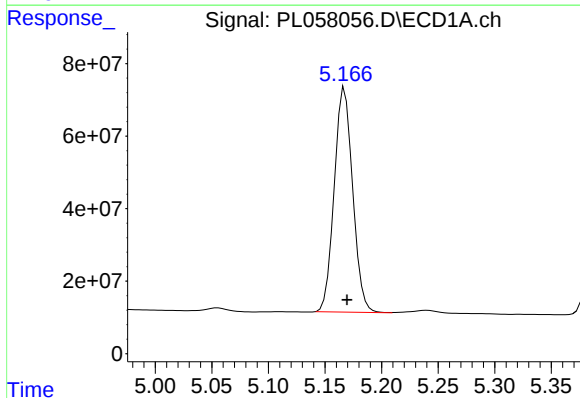
R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 805653507  
Conc: 53.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



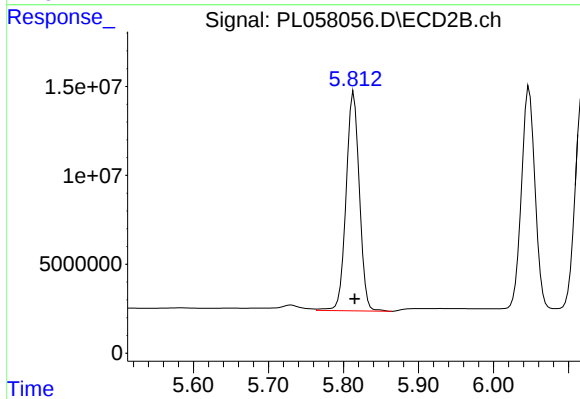
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 134759578  
Conc: 53.74 ng/ml



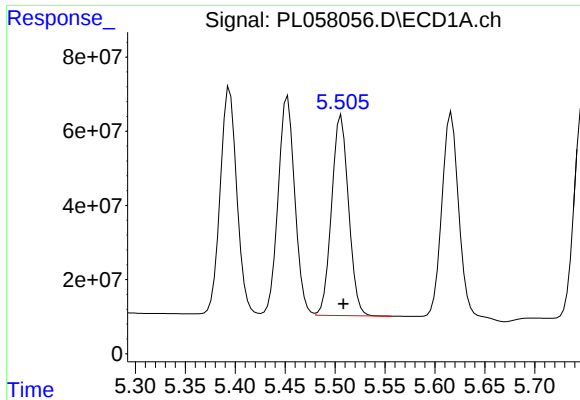
#8 Heptachlor epoxide

R.T.: 5.167 min  
Delta R.T.: -0.002 min  
Response: 702489579  
Conc: 52.27 ng/ml



#8 Heptachlor epoxide

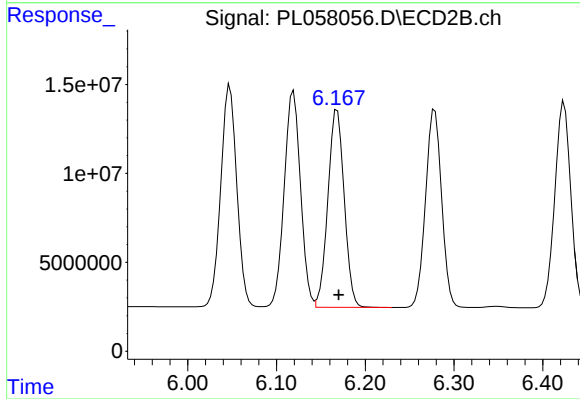
R.T.: 5.814 min  
Delta R.T.: -0.002 min  
Response: 151547399  
Conc: 56.12 ng/ml



#9 Endosulfan I

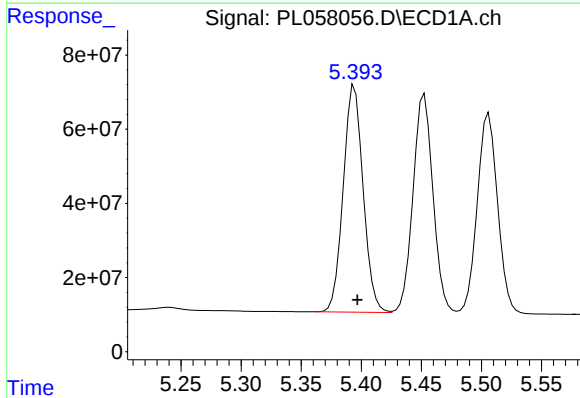
R.T.: 5.506 min  
Delta R.T.: -0.002 min  
Response: 637881385  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



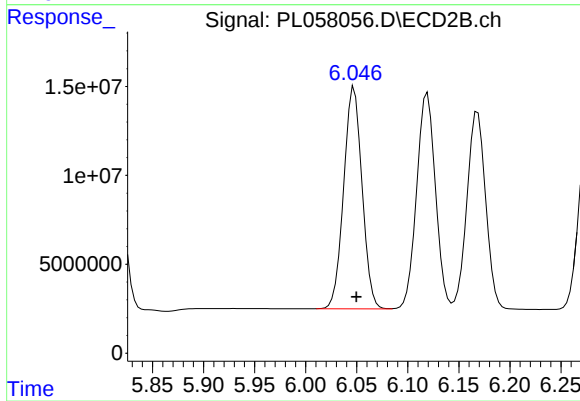
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 142159738  
Conc: 47.68 ng/ml



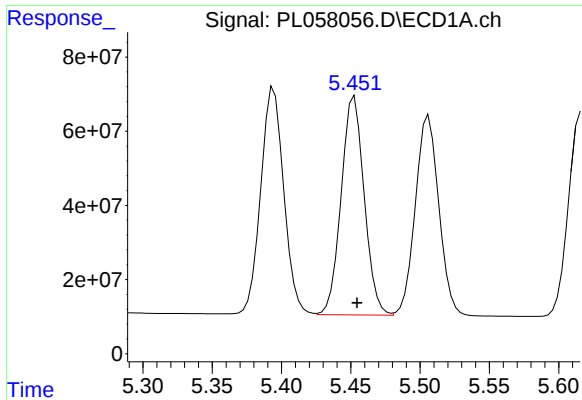
#10 gamma-Chlordane

R.T.: 5.394 min  
Delta R.T.: -0.002 min  
Response: 705694745  
Conc: 51.96 ng/ml



#10 gamma-Chlordane

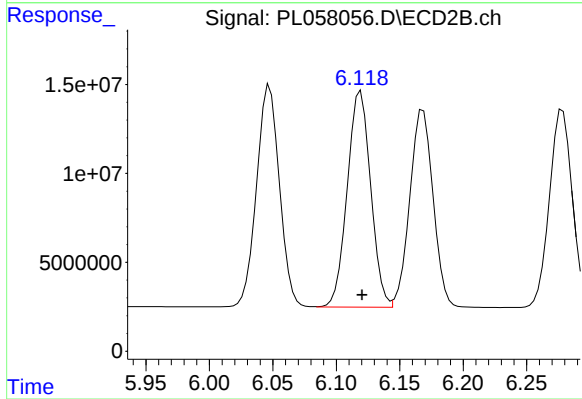
R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 156284185  
Conc: 48.24 ng/ml



#11 alpha-Chlordane

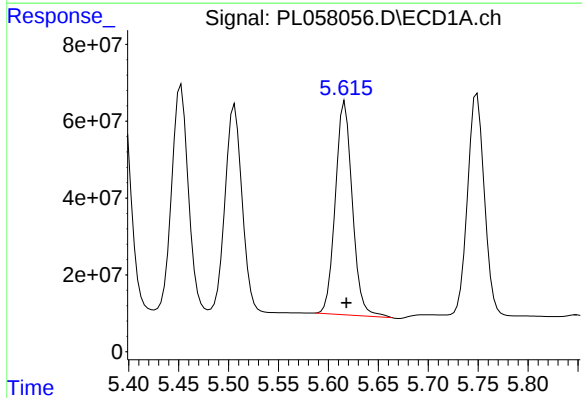
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 682753316  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



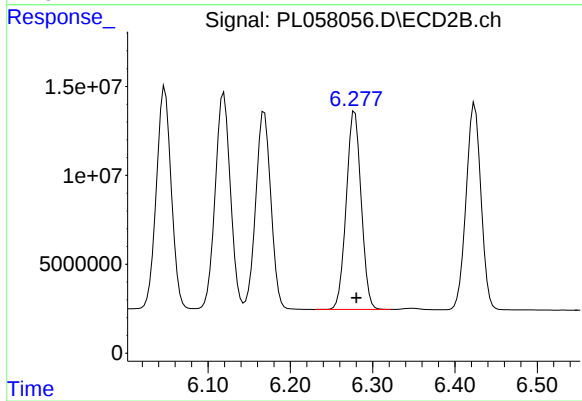
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 156065819  
Conc: 47.69 ng/ml



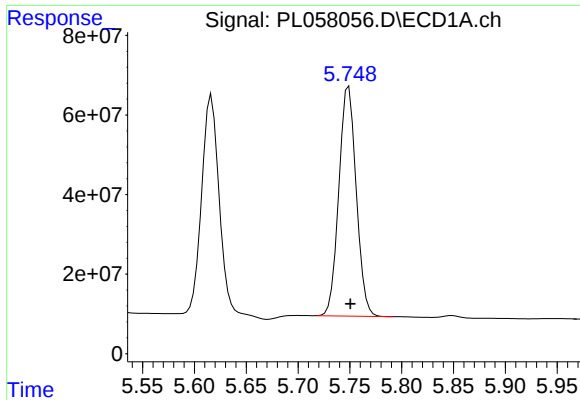
#12 4,4'-DDE

R.T.: 5.617 min  
Delta R.T.: -0.002 min  
Response: 656681503  
Conc: 50.13 ng/ml



#12 4,4'-DDE

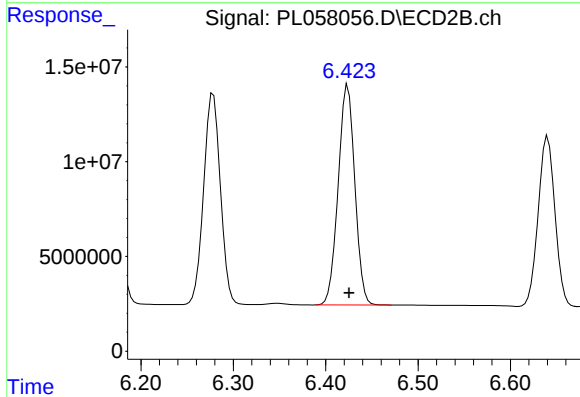
R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 140514426  
Conc: 47.46 ng/ml



#13 Dieldrin

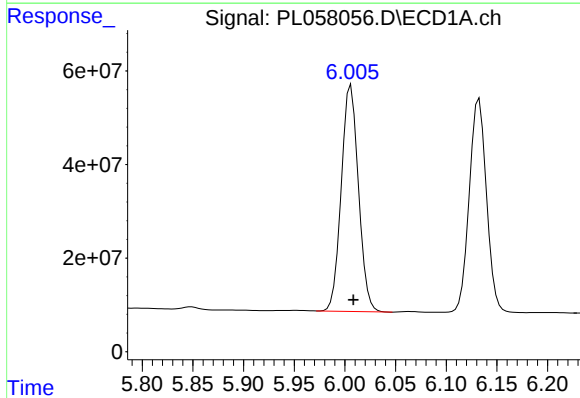
R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 673858761  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



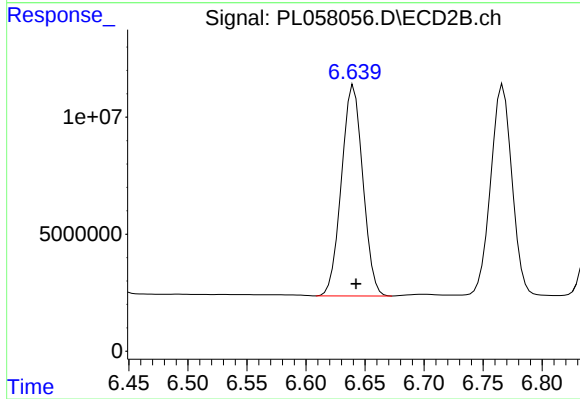
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.001 min  
Response: 145537356  
Conc: 47.63 ng/ml



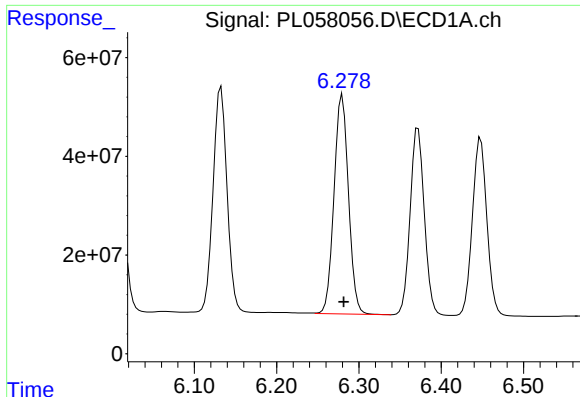
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.002 min  
Response: 570379884  
Conc: 48.86 ng/ml



#14 Endrin

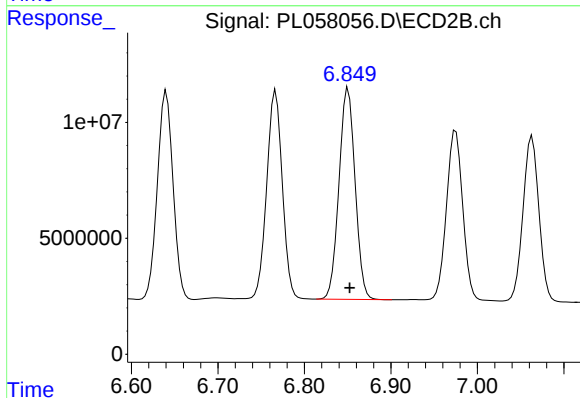
R.T.: 6.640 min  
Delta R.T.: -0.002 min  
Response: 113485420  
Conc: 45.42 ng/ml



#15 Endosulfan II

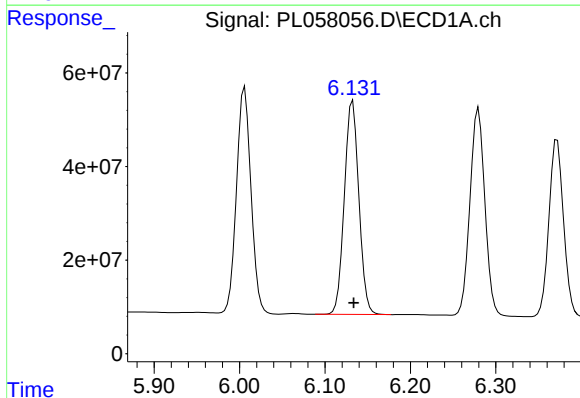
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 540964854  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



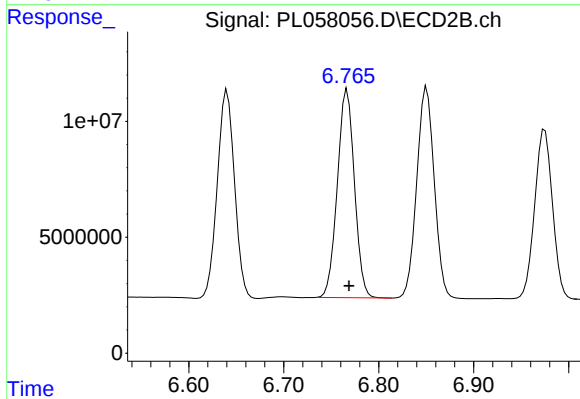
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 117226373  
Conc: 45.20 ng/ml



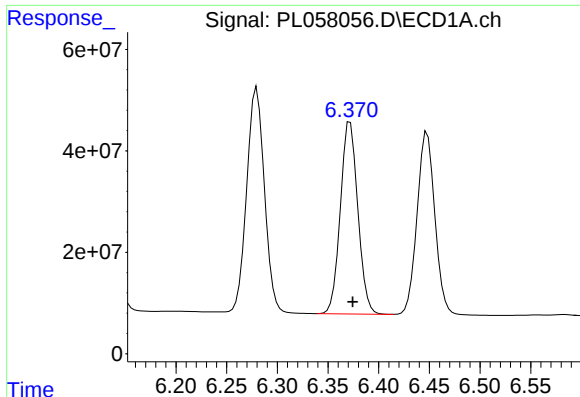
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.001 min  
Response: 540056526  
Conc: 54.04 ng/ml



#16 4,4'-DDD

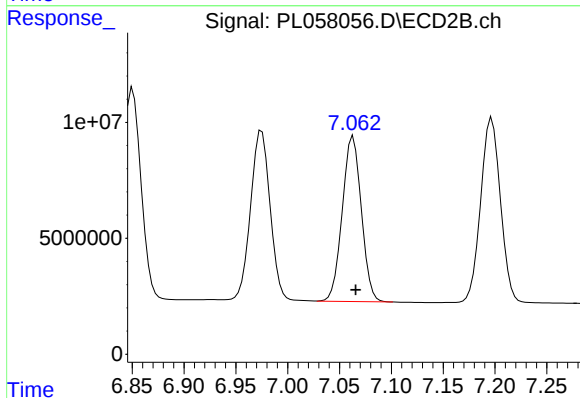
R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 112556552  
Conc: 49.32 ng/ml



#17 4,4'-DDT

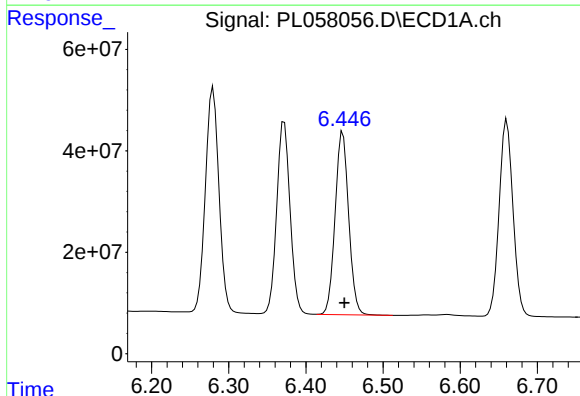
R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 453579146  
Conc: 44.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



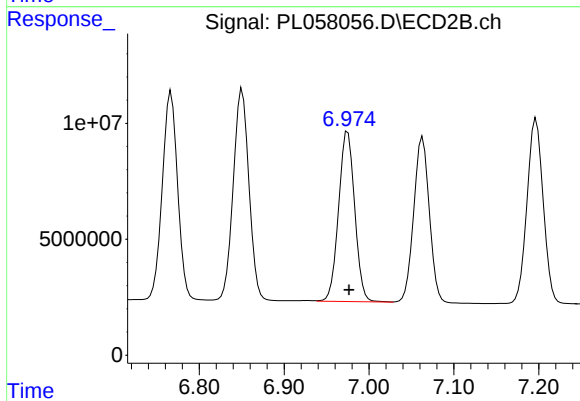
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.002 min  
Response: 91197177  
Conc: 40.94 ng/ml



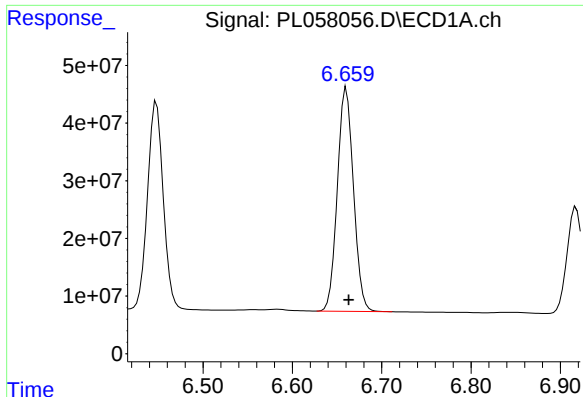
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 441444392  
Conc: 47.22 ng/ml



#18 Endrin aldehyde

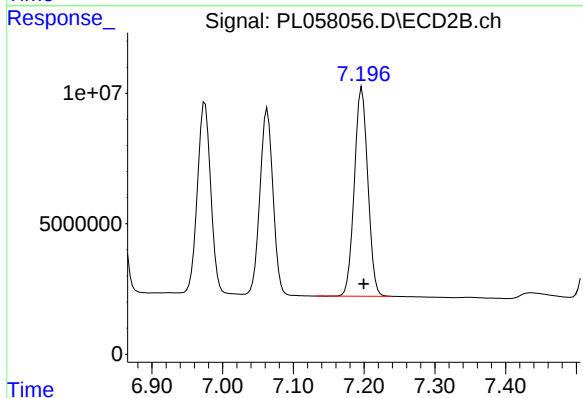
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 96647980  
Conc: 43.50 ng/ml



#19 Endosulfan Sulfate

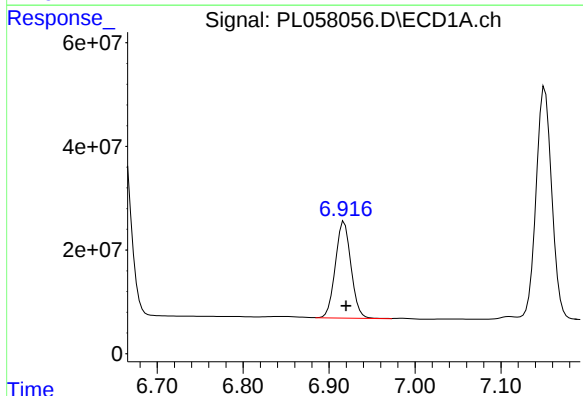
R.T.: 6.660 min  
Delta R.T.: -0.003 min  
Response: 485299078  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



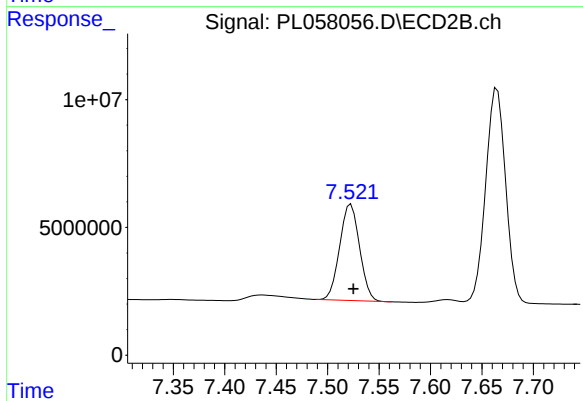
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 106001026  
Conc: 44.67 ng/ml



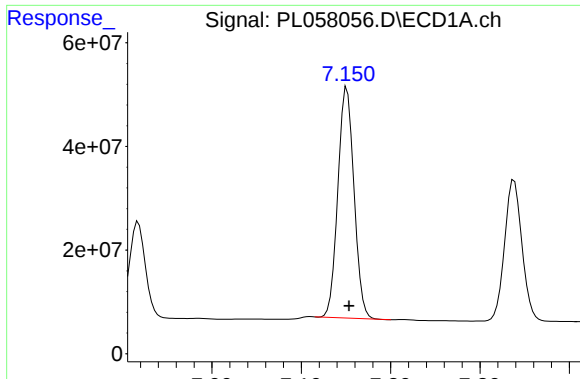
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.002 min  
Response: 236086338  
Conc: 42.83 ng/ml



#20 Methoxychlor

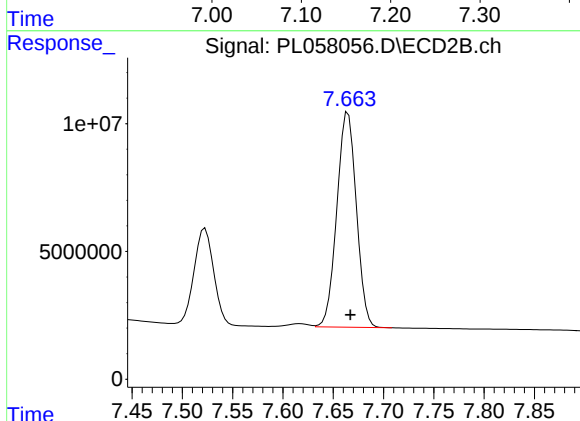
R.T.: 7.523 min  
Delta R.T.: -0.002 min  
Response: 50548052  
Conc: 39.74 ng/ml



#21 Endrin ketone

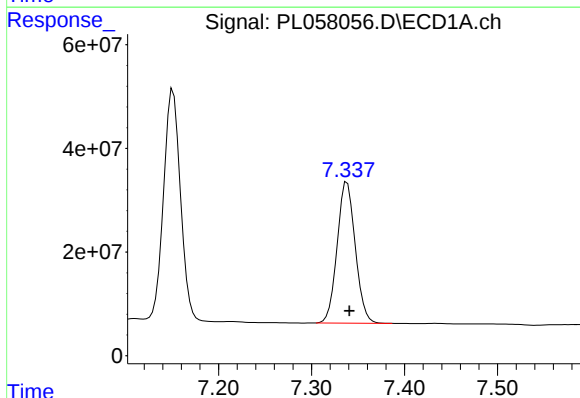
R.T.: 7.151 min  
Delta R.T.: -0.002 min  
Response: 558448149  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



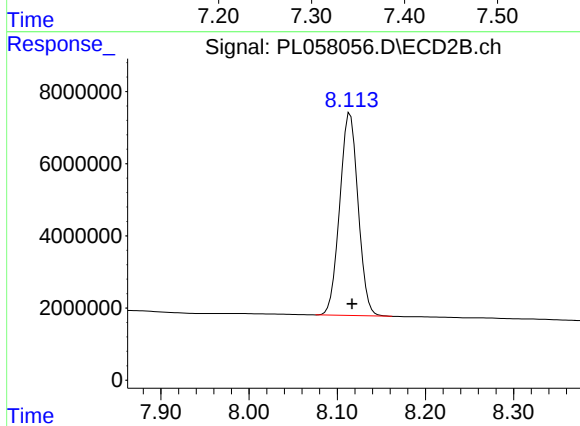
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 113426798  
Conc: 45.88 ng/ml



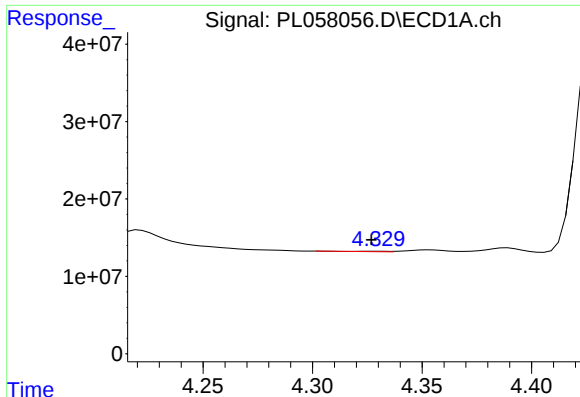
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.002 min  
Response: 368973448  
Conc: 45.01 ng/ml



#22 Mirex

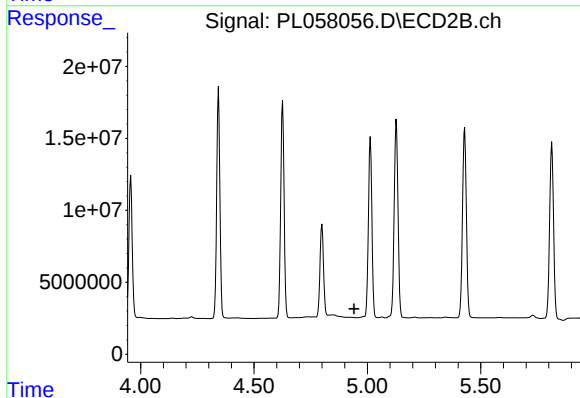
R.T.: 8.115 min  
Delta R.T.: -0.002 min  
Response: 81145828  
Conc: 44.13 ng/ml



#23 Chlordane-1

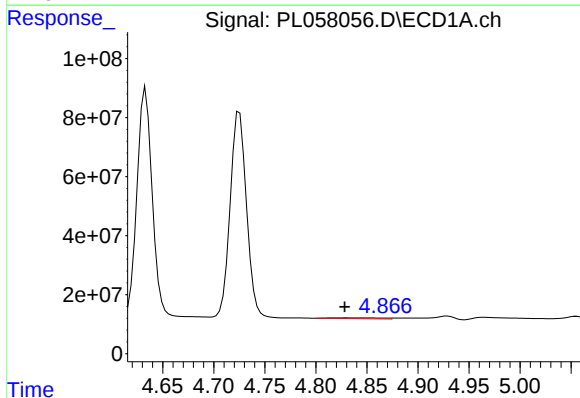
R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 568882  
Conc: 1.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



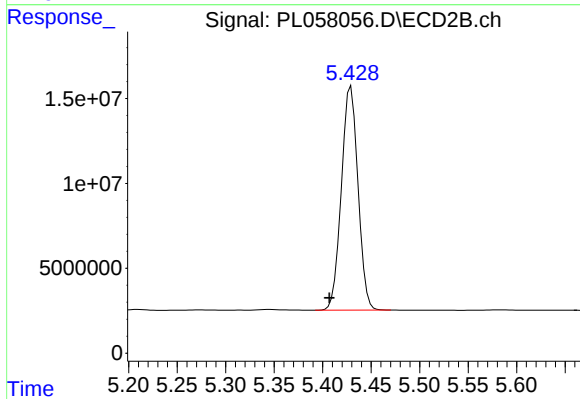
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



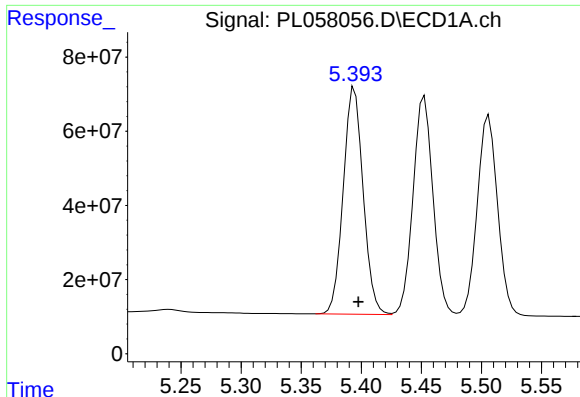
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 9816703  
Conc: 24.32 ng/ml



#24 Chlordane-2

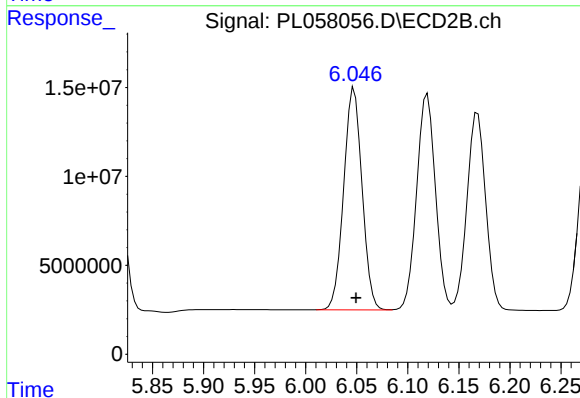
R.T.: 5.429 min  
Delta R.T.: 0.022 min  
Response: 156958019  
Conc: 1504.03 ng/ml



#25 Chlordane-3

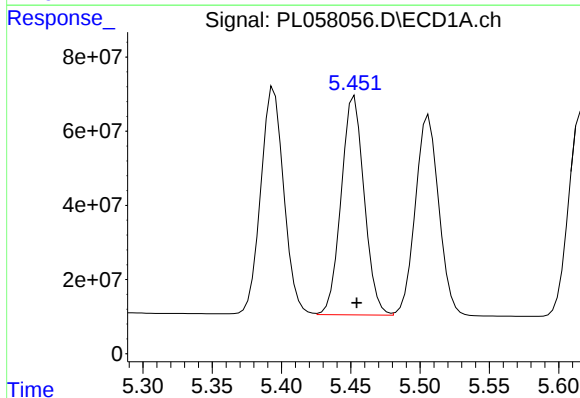
R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 705694745  
Conc: 577.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



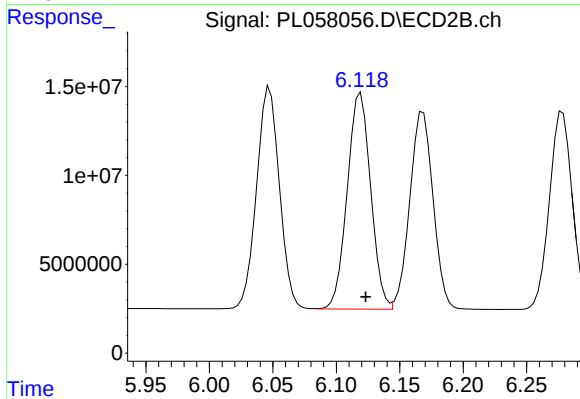
#25 Chlordane-3

R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 156284185  
Conc: 361.21 ng/ml



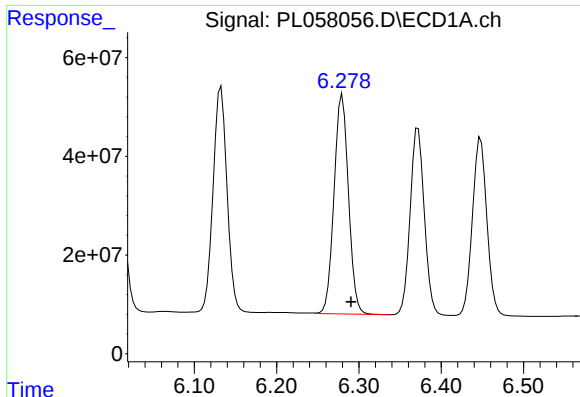
#26 Chlordane-4

R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 682753316  
Conc: 656.36 ng/ml



#26 Chlordane-4

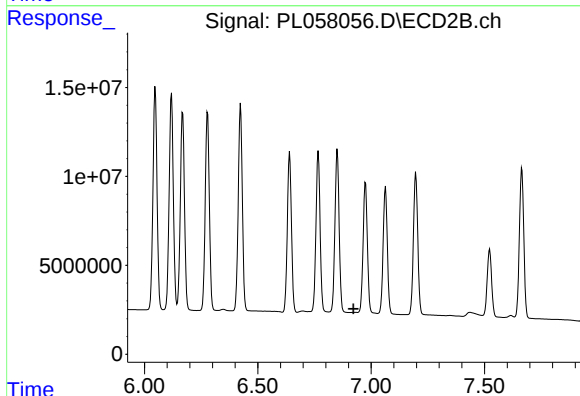
R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 156065819  
Conc: 297.30 ng/ml



#27 Chlordane-5

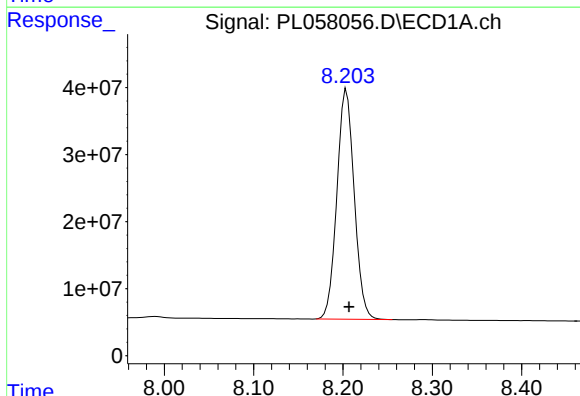
R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 540964854  
Conc: 1430.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



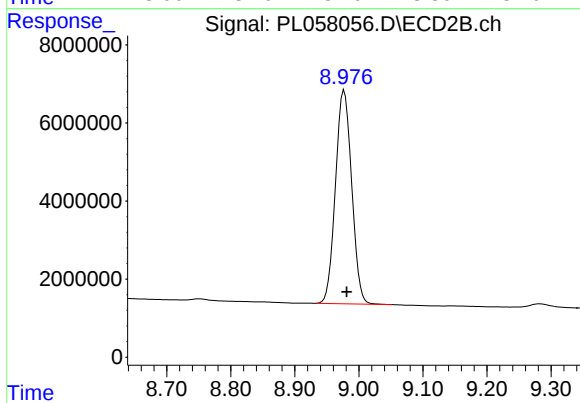
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 461762167  
Conc: 44.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.004 min  
Response: 96193013  
Conc: 43.06 ng/ml