

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082818\  
 Data File : PL039588.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2018 21:56  
 Operator : AJ\SJ  
 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: Aug 29 01:08:53 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.303 | 3.907 | 334.4E6 | 146.2E6  | 47.839   | 54.523     |
| 28)                         | SA Decachlor... | 7.958 | 8.893 | 318.4E6 | 122.4E6  | 45.336   | 52.724     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.731 | 4.284 | 570.0E6 | 232.6E6  | 48.223   | 55.241     |
| 3)                          | MA gamma-BHC... | 4.007 | 4.563 | 512.6E6 | 206.0E6  | 48.327   | 51.160     |
| 4)                          | MA Heptachlor   | 4.288 | 5.070 | 487.4E6 | 201.1E6  | 46.296   | 56.226     |
| 5)                          | MB Aldrin       | 4.525 | 5.371 | 491.7E6 | 191.5E6  | 49.091   | 54.096     |
| 6)                          | B beta-BHC      | 4.261 | 4.725 | 224.0E6 | 94808091 | 48.226   | 54.128     |
| 7)                          | B delta-BHC     | 4.454 | 4.938 | 528.5E6 | 208.2E6  | 48.690   | 52.279     |
| 8)                          | B Heptachlo...  | 4.961 | 5.749 | 461.2E6 | 176.4E6  | 48.294   | 52.464     |
| 9)                          | A Endosulfan I  | 5.291 | 6.101 | 426.4E6 | 154.5E6  | 48.702   | 52.653     |
| 10)                         | B gamma-Chl...  | 5.183 | 5.981 | 475.9E6 | 174.8E6  | 48.183   | 54.003     |
| 11)                         | B alpha-Chl...  | 5.239 | 6.054 | 457.6E6 | 171.5E6  | 47.634   | 53.012     |
| 12)                         | B 4,4'-DDE      | 5.408 | 6.211 | 459.9E6 | 165.5E6  | 48.030   | 53.529     |
| 13)                         | MA Dieldrin     | 5.529 | 6.354 | 471.6E6 | 160.7E6  | 48.360   | 53.050     |
| 14)                         | MA Endrin       | 5.781 | 6.568 | 400.3E6 | 125.6E6  | 44.724   | 48.834     |
| 15)                         | B Endosulfa...  | 6.056 | 6.772 | 408.7E6 | 133.2E6  | 46.998   | 51.866     |
| 16)                         | A 4,4'-DDD      | 5.918 | 6.692 | 386.2E6 | 124.6E6  | 48.458   | 55.653     |
| 17)                         | MA 4,4'-DDT     | 6.150 | 6.990 | 326.4E6 | 106.7E6  | 43.056   | 45.319     |
| 18)                         | B Endrin al...  | 6.224 | 6.894 | 317.4E6 | 111.9E6  | 46.840   | 51.540     |
| 19)                         | B Endosulfa...  | 6.435 | 7.116 | 379.5E6 | 122.5E6  | 46.636   | 51.088     |
| 20)                         | A Methoxychlor  | 6.699 | 7.446 | 173.6E6 | 57131700 | 42.413   | 46.128     |
| 21)                         | B Endrin ke...  | 6.916 | 7.579 | 413.2E6 | 126.8E6  | 48.012   | 51.311     |
| 23)                         | Chlordane-1     | 4.175 | 4.938 | 3166911 | 208.2E6  | 10.003   | 1666.077 # |
| 24)                         | Chlordane-2     | 0.000 | 5.371 | 0       | 191.5E6  | N.D.     | 1511.891 # |
| 25)                         | Chlordane-3     | 5.183 | 5.981 | 475.9E6 | 174.8E6  | 435.692  | 406.116    |
| 26)                         | Chlordane-4     | 5.239 | 6.054 | 457.6E6 | 171.5E6  | 457.930  | 330.610 #  |
| 27)                         | Chlordane-5     | 6.056 | 6.894 | 408.7E6 | 111.9E6  | 1260.028 | 1209.797   |
| -----                       |                 |       |       |         |          |          |            |

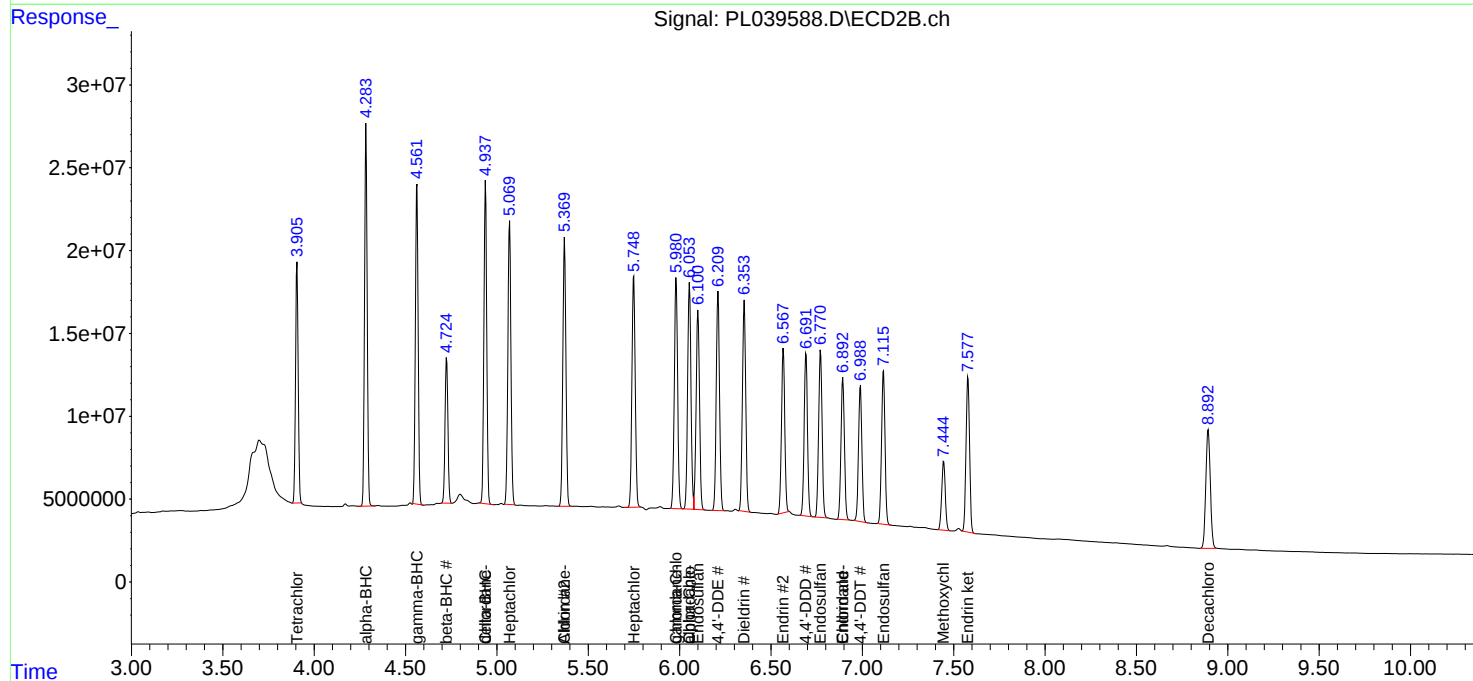
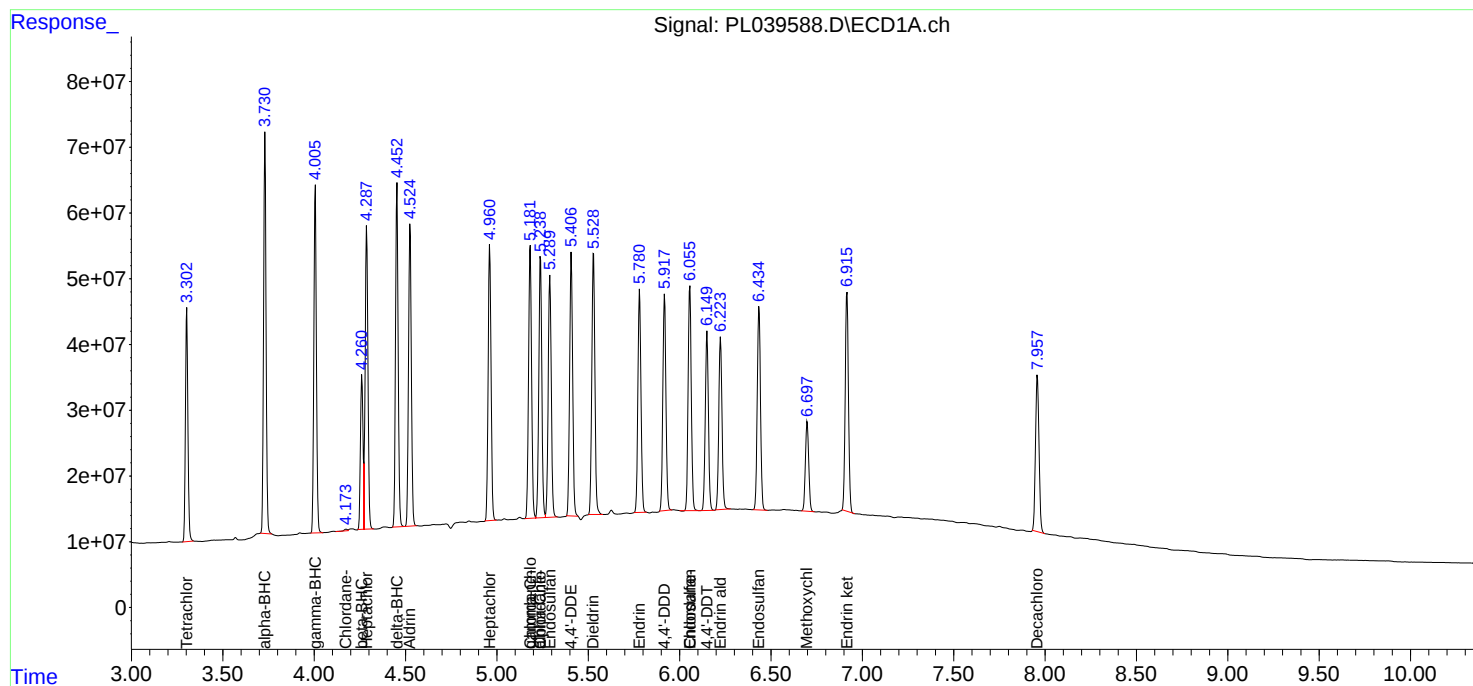
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

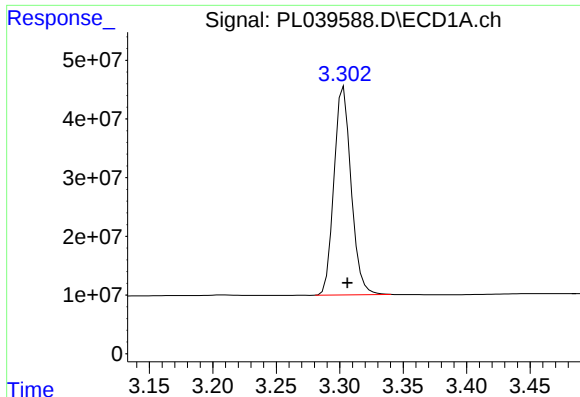
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082818\  
Data File : PL039588.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2018 21:56  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 01:08:53 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

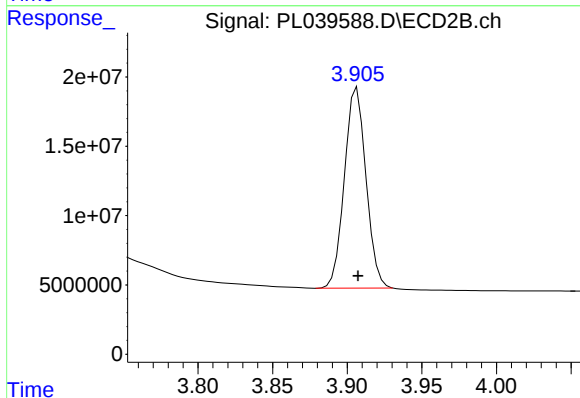




#1 Tetrachloro-m-xylene

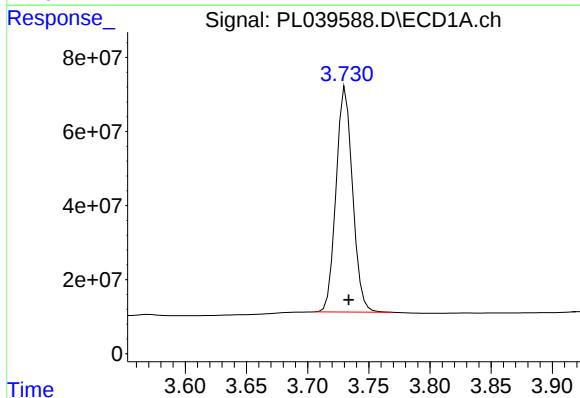
R.T.: 3.303 min  
Delta R.T.: -0.003 min  
Response: 334417026  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



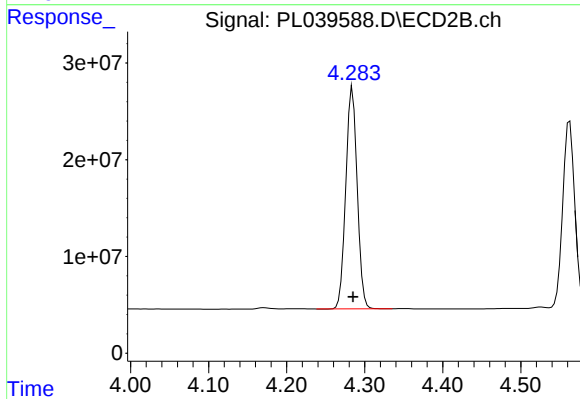
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 146170968  
Conc: 54.52 ng/ml



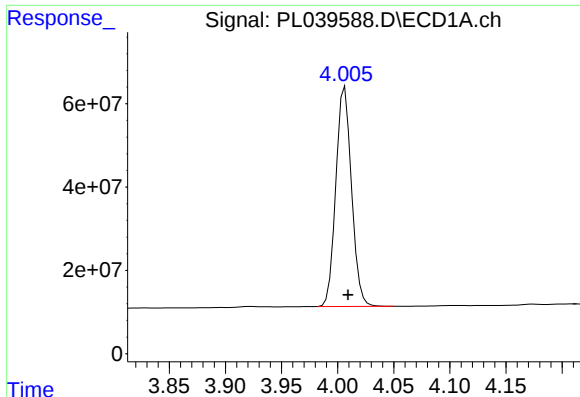
#2 alpha-BHC

R.T.: 3.731 min  
Delta R.T.: -0.002 min  
Response: 570012213  
Conc: 48.22 ng/ml



#2 alpha-BHC

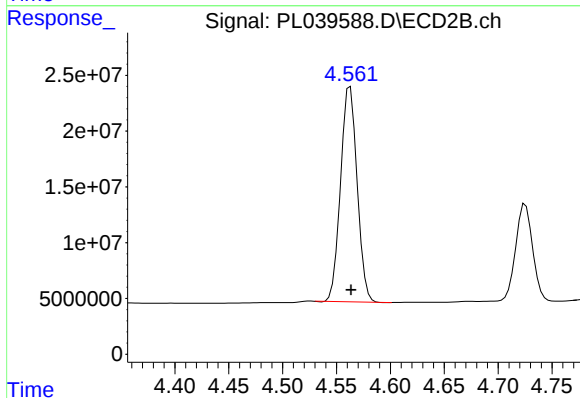
R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 232620680  
Conc: 55.24 ng/ml



#3 gamma-BHC (Lindane)

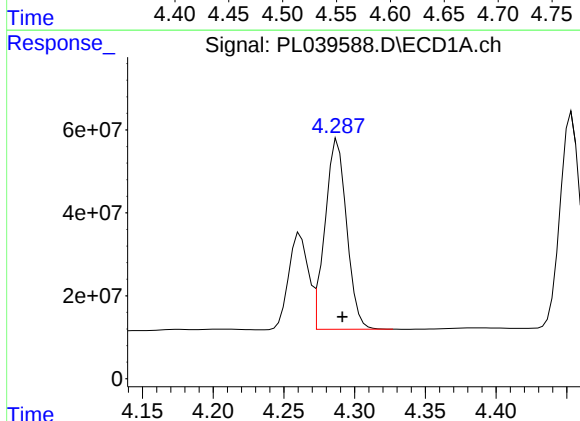
R.T.: 4.007 min  
Delta R.T.: -0.003 min  
Response: 512589108  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



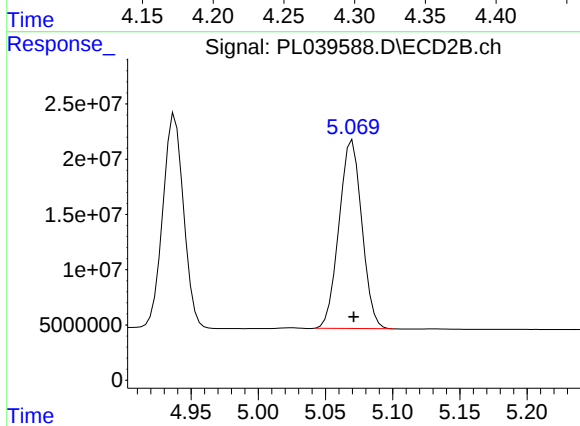
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 205998891  
Conc: 51.16 ng/ml



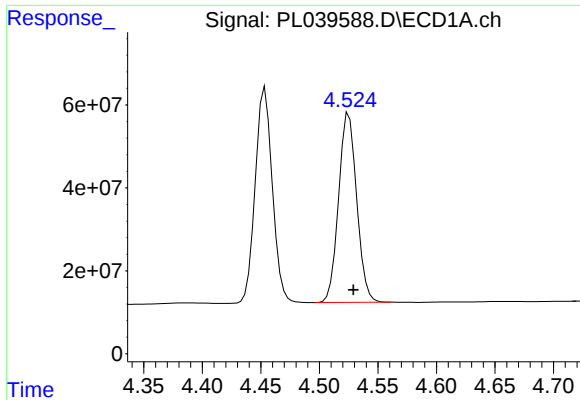
#4 Heptachlor

R.T.: 4.288 min  
Delta R.T.: -0.003 min  
Response: 487362837  
Conc: 46.30 ng/ml



#4 Heptachlor

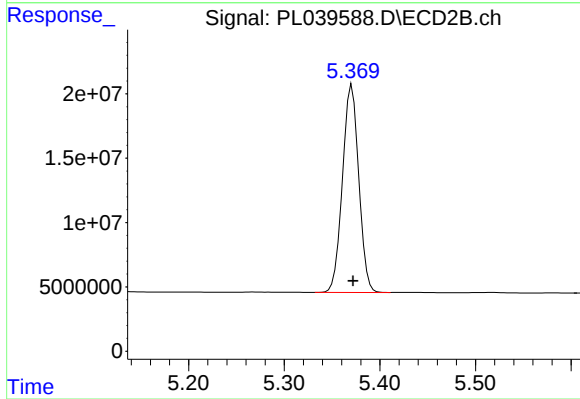
R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 201053674  
Conc: 56.23 ng/ml



#5 Aldrin

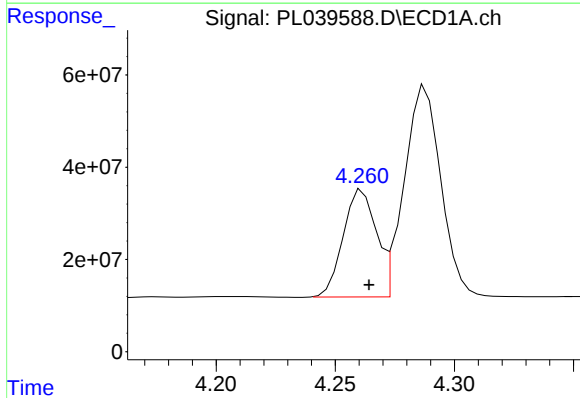
R.T.: 4.525 min  
Delta R.T.: -0.004 min  
Response: 491686384  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



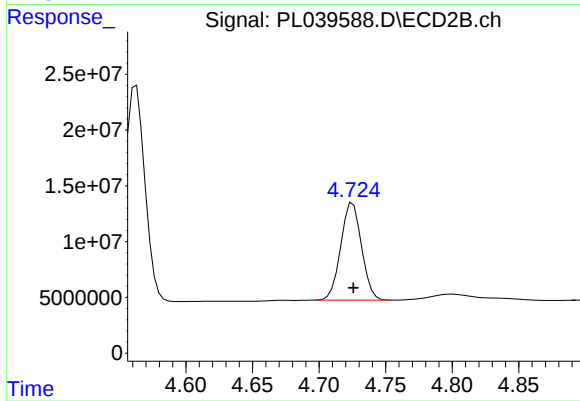
#5 Aldrin

R.T.: 5.371 min  
Delta R.T.: -0.001 min  
Response: 191503598  
Conc: 54.10 ng/ml



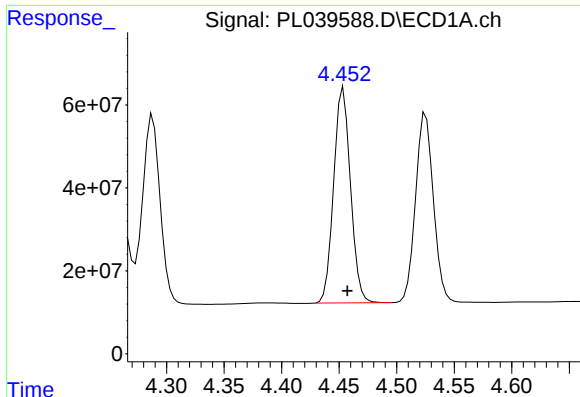
#6 beta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 224037189  
Conc: 48.23 ng/ml



#6 beta-BHC

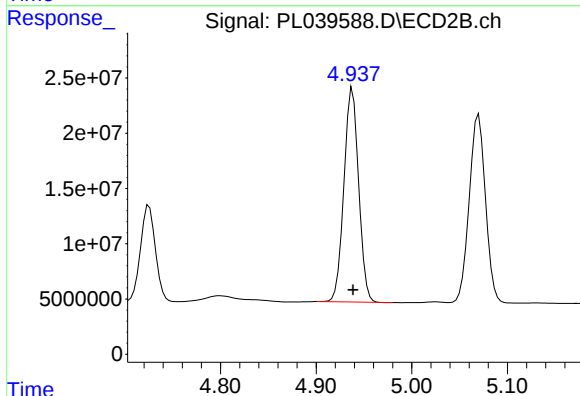
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 94808091  
Conc: 54.13 ng/ml



#7 delta-BHC

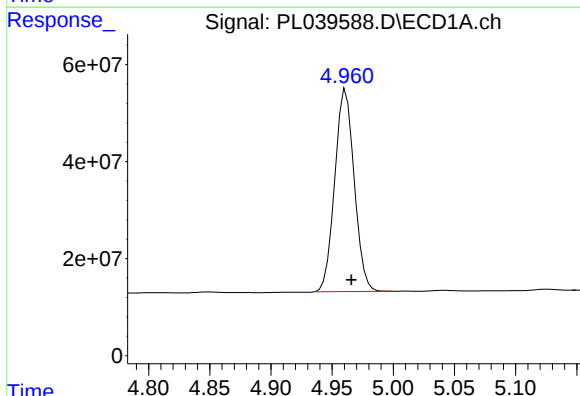
R.T.: 4.454 min  
Delta R.T.: -0.003 min  
Response: 528503251  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



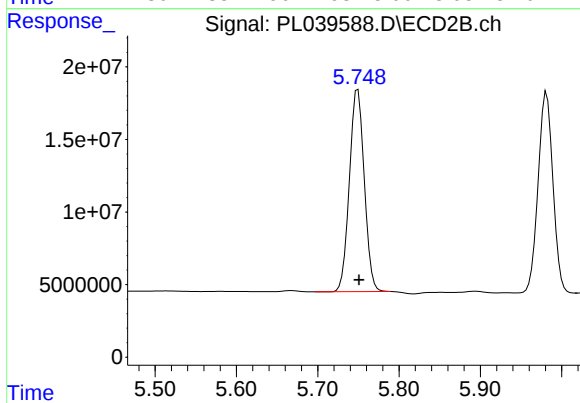
#7 delta-BHC

R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 208150967  
Conc: 52.28 ng/ml



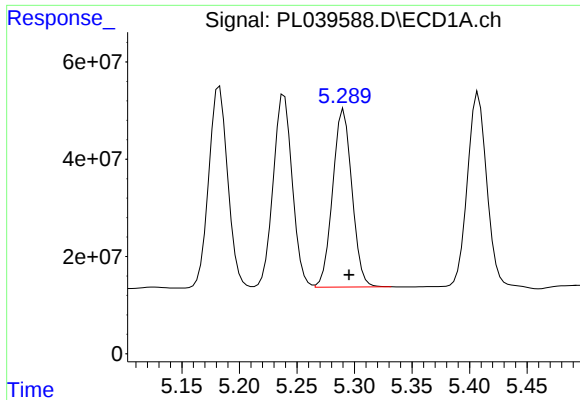
#8 Heptachlor epoxide

R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 461174976  
Conc: 48.29 ng/ml



#8 Heptachlor epoxide

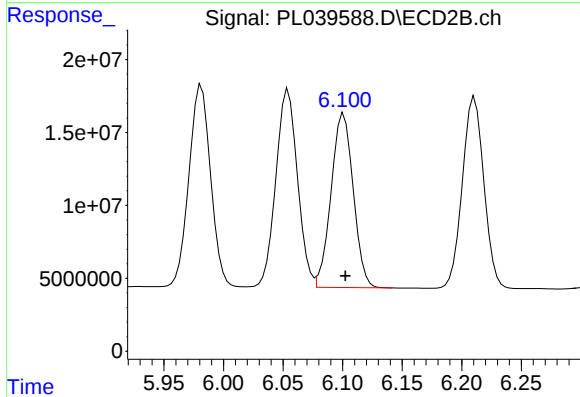
R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 176439133  
Conc: 52.46 ng/ml



#9 Endosulfan I

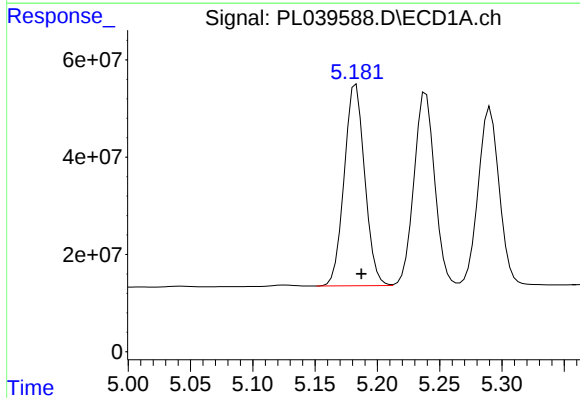
R.T.: 5.291 min  
Delta R.T.: -0.005 min  
Response: 426441644  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



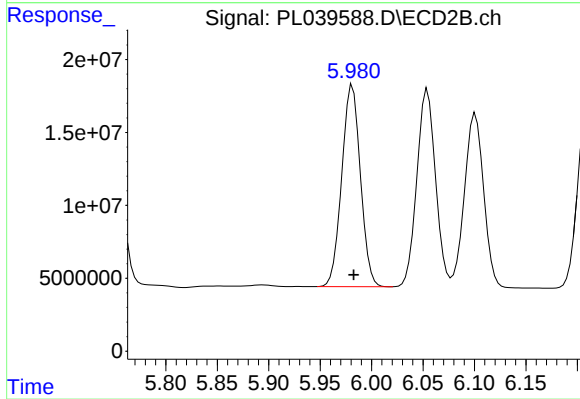
#9 Endosulfan I

R.T.: 6.101 min  
Delta R.T.: -0.002 min  
Response: 154460440  
Conc: 52.65 ng/ml



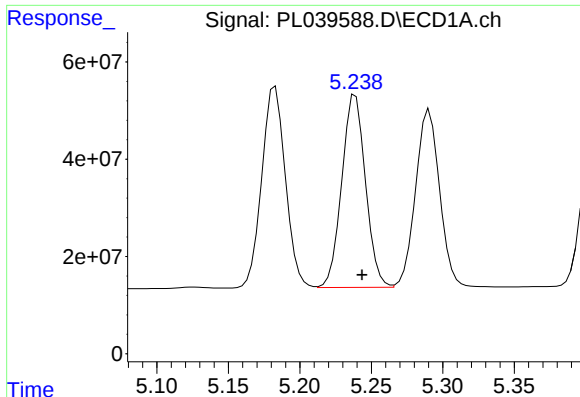
#10 gamma-Chlordane

R.T.: 5.183 min  
Delta R.T.: -0.004 min  
Response: 475891163  
Conc: 48.18 ng/ml



#10 gamma-Chlordane

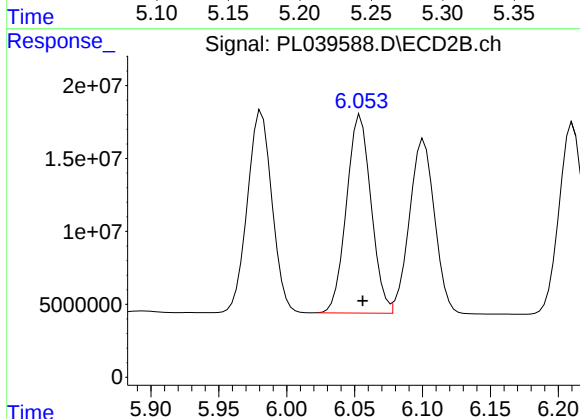
R.T.: 5.981 min  
Delta R.T.: -0.001 min  
Response: 174779261  
Conc: 54.00 ng/ml



#11 alpha-Chlordane

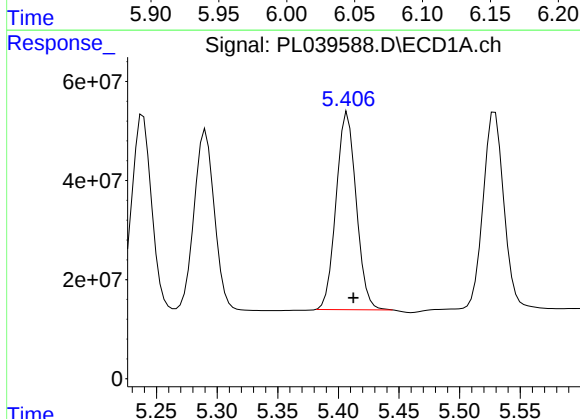
R.T.: 5.239 min  
Delta R.T.: -0.005 min  
Response: 457632900  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



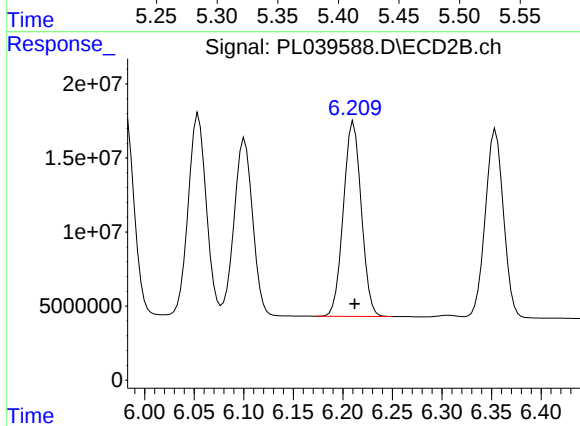
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 171493689  
Conc: 53.01 ng/ml



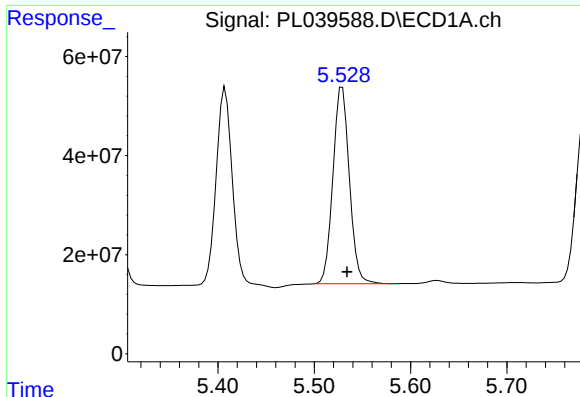
#12 4,4'-DDE

R.T.: 5.408 min  
Delta R.T.: -0.005 min  
Response: 459936856  
Conc: 48.03 ng/ml



#12 4,4'-DDE

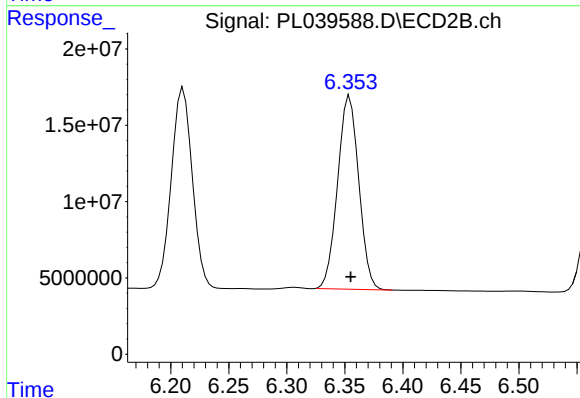
R.T.: 6.211 min  
Delta R.T.: 0.000 min  
Response: 165511230  
Conc: 53.53 ng/ml



#13 Dieldrin

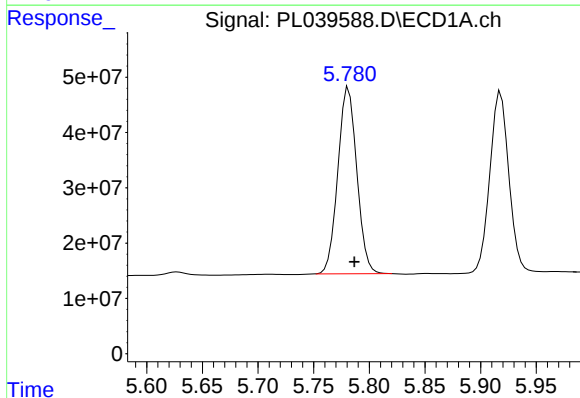
R.T.: 5.529 min  
Delta R.T.: -0.005 min  
Response: 471596717  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



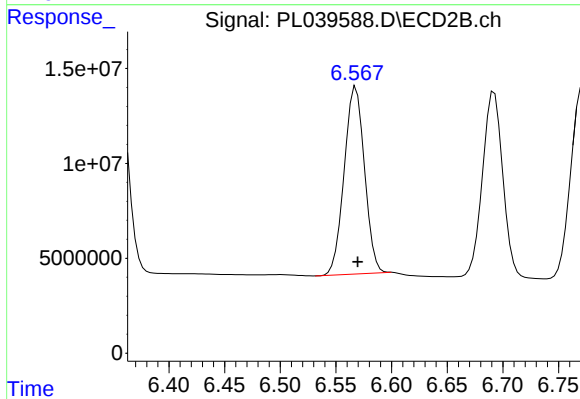
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 160708485  
Conc: 53.05 ng/ml



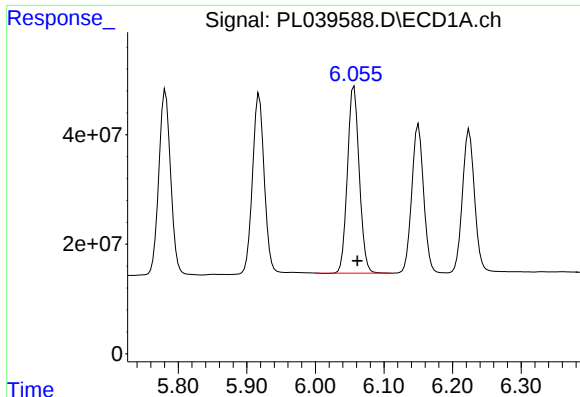
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 400323539  
Conc: 44.72 ng/ml



#14 Endrin

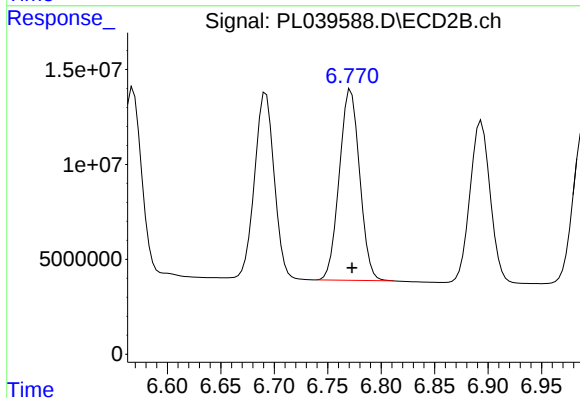
R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 125565388  
Conc: 48.83 ng/ml



#15 Endosulfan II

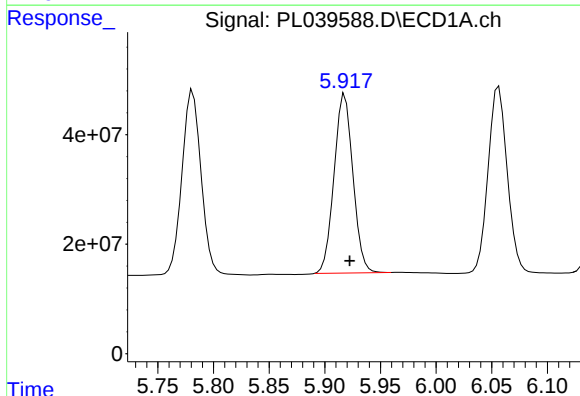
R.T.: 6.056 min  
Delta R.T.: -0.005 min  
Response: 408664568  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



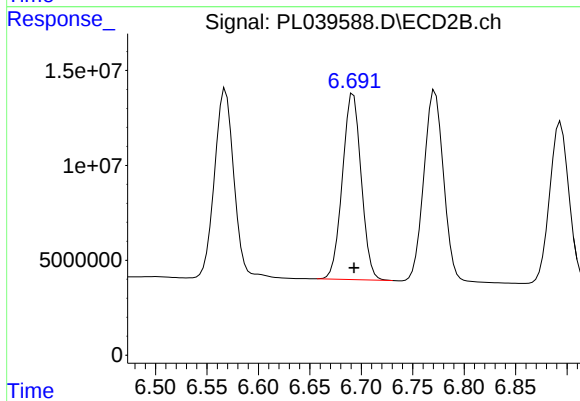
#15 Endosulfan II

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 133220452  
Conc: 51.87 ng/ml



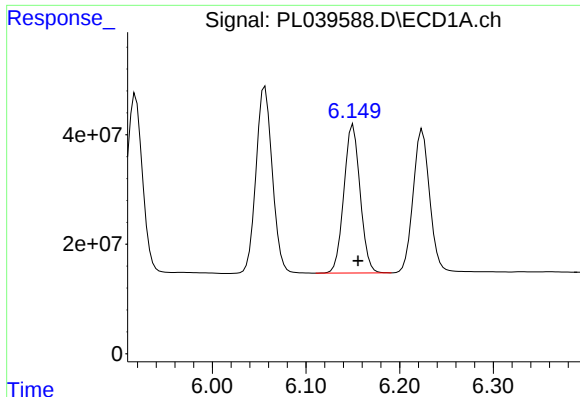
#16 4,4'-DDD

R.T.: 5.918 min  
Delta R.T.: -0.004 min  
Response: 386174940  
Conc: 48.46 ng/ml



#16 4,4'-DDD

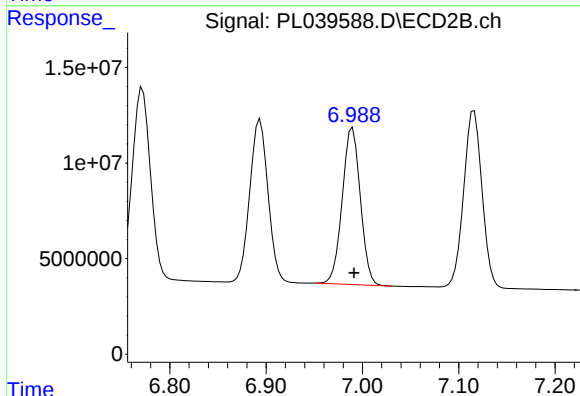
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 124631060  
Conc: 55.65 ng/ml



#17 4,4'-DDT

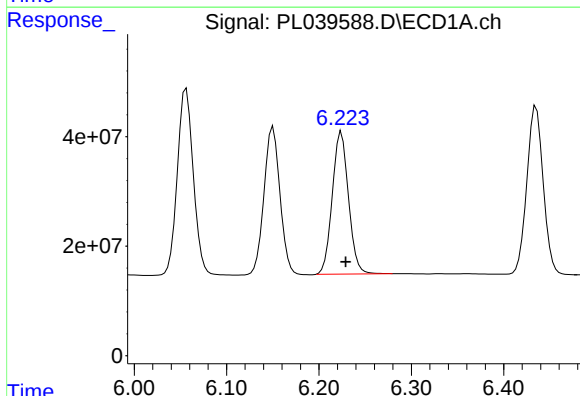
R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 326389679  
Conc: 43.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



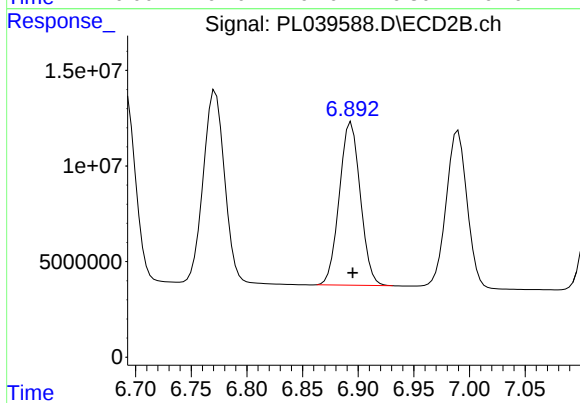
#17 4,4'-DDT

R.T.: 6.990 min  
Delta R.T.: -0.002 min  
Response: 106679542  
Conc: 45.32 ng/ml



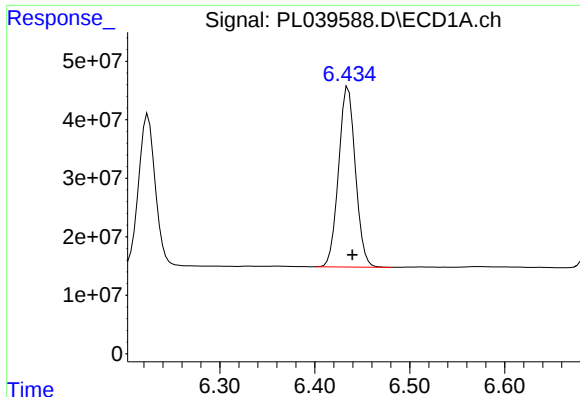
#18 Endrin aldehyde

R.T.: 6.224 min  
Delta R.T.: -0.005 min  
Response: 317431581  
Conc: 46.84 ng/ml



#18 Endrin aldehyde

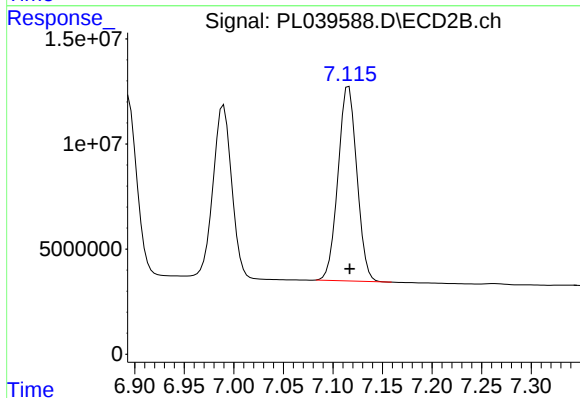
R.T.: 6.894 min  
Delta R.T.: -0.001 min  
Response: 111910777  
Conc: 51.54 ng/ml



#19 Endosulfan Sulfate

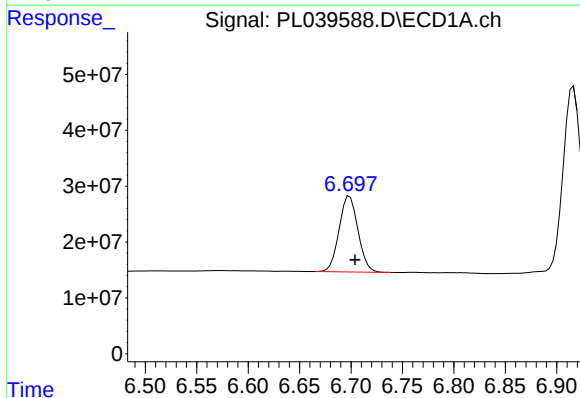
R.T.: 6.435 min  
Delta R.T.: -0.005 min  
Response: 379471326  
Conc: 46.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



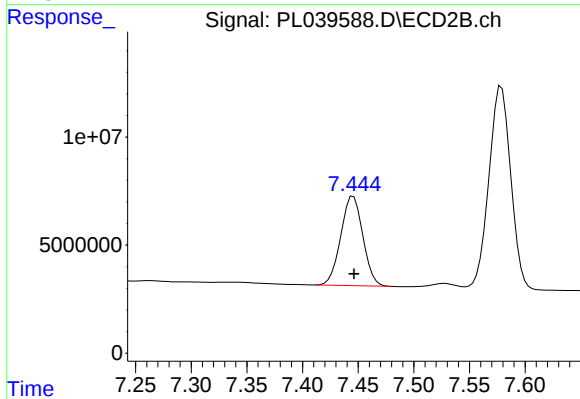
#19 Endosulfan Sulfate

R.T.: 7.116 min  
Delta R.T.: -0.001 min  
Response: 122475146  
Conc: 51.09 ng/ml



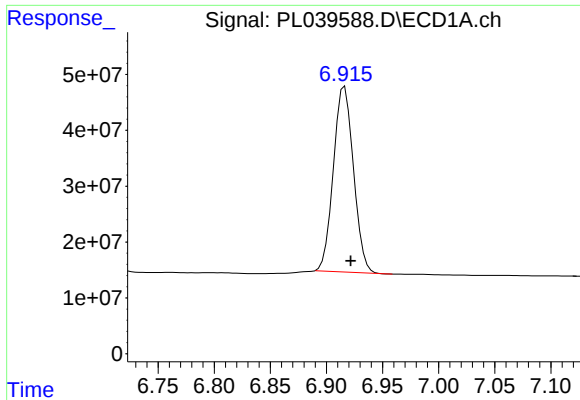
#20 Methoxychlor

R.T.: 6.699 min  
Delta R.T.: -0.005 min  
Response: 173562167  
Conc: 42.41 ng/ml



#20 Methoxychlor

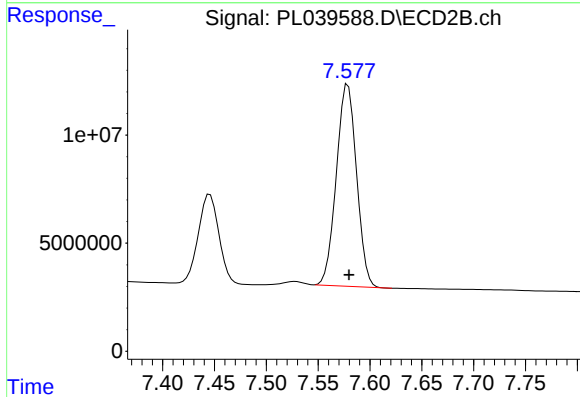
R.T.: 7.446 min  
Delta R.T.: 0.000 min  
Response: 57131700  
Conc: 46.13 ng/ml



#21 Endrin ketone

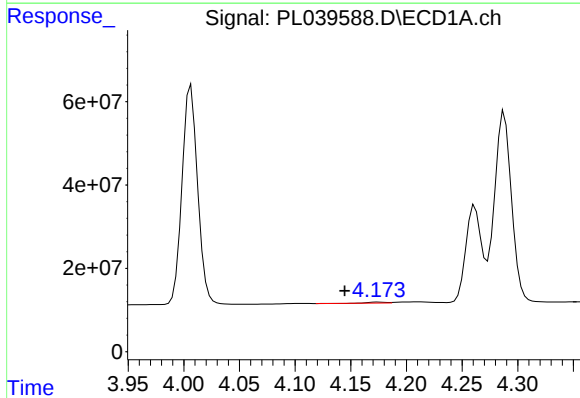
R.T.: 6.916 min  
Delta R.T.: -0.005 min  
Response: 413231773  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



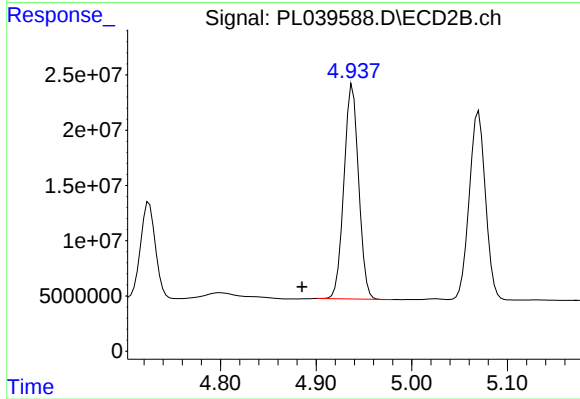
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: -0.001 min  
Response: 126788890  
Conc: 51.31 ng/ml



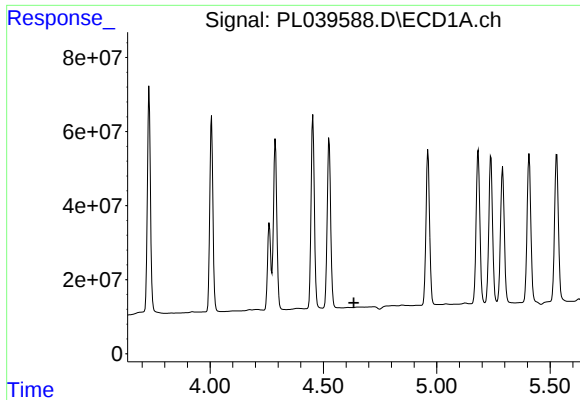
#23 Chlordane-1

R.T.: 4.175 min  
Delta R.T.: 0.030 min  
Response: 3166911  
Conc: 10.00 ng/ml



#23 Chlordane-1

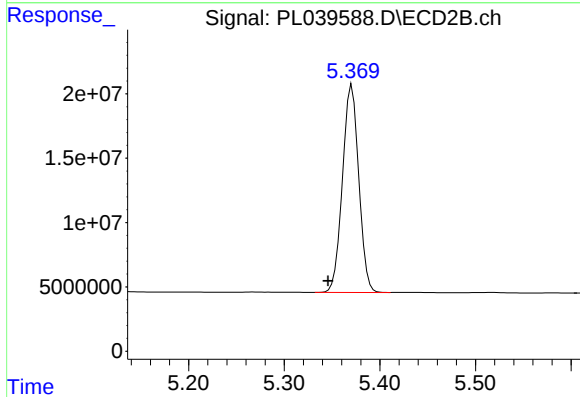
R.T.: 4.938 min  
Delta R.T.: 0.053 min  
Response: 208150967  
Conc: 1666.08 ng/ml



#24 Chlordane-2

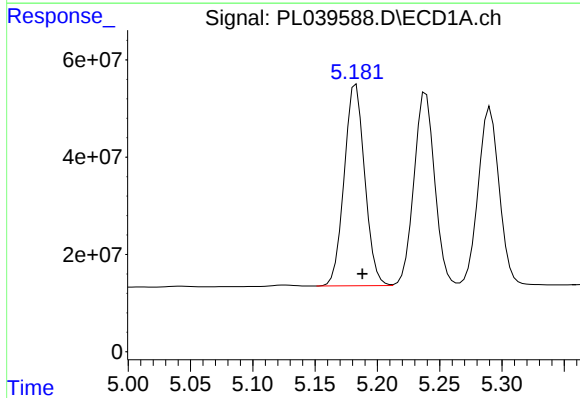
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



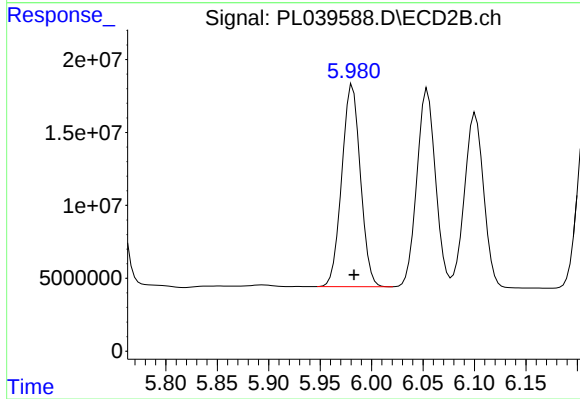
#24 Chlordane-2

R.T.: 5.371 min  
Delta R.T.: 0.025 min  
Response: 191503598  
Conc: 1511.89 ng/ml



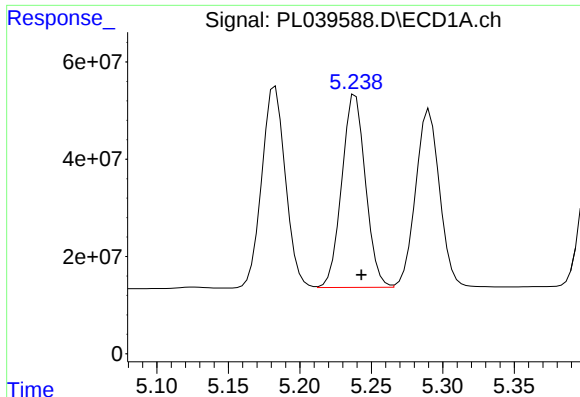
#25 Chlordane-3

R.T.: 5.183 min  
Delta R.T.: -0.005 min  
Response: 475891163  
Conc: 435.69 ng/ml



#25 Chlordane-3

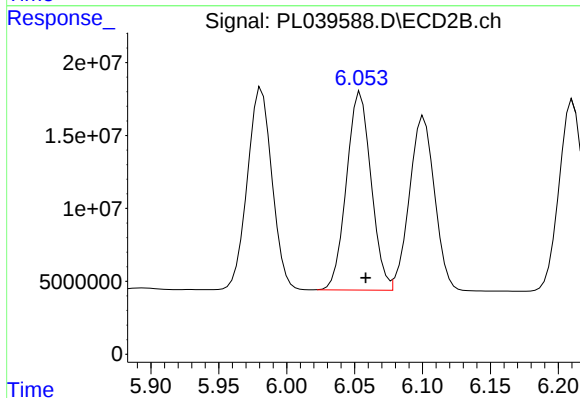
R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 174779261  
Conc: 406.12 ng/ml



#26 Chlordane-4

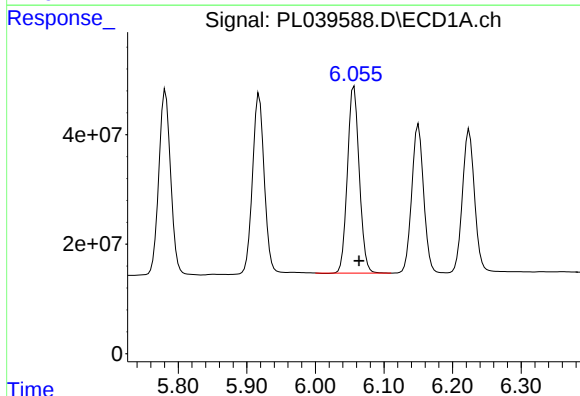
R.T.: 5.239 min  
Delta R.T.: -0.004 min  
Response: 457632900  
Conc: 457.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



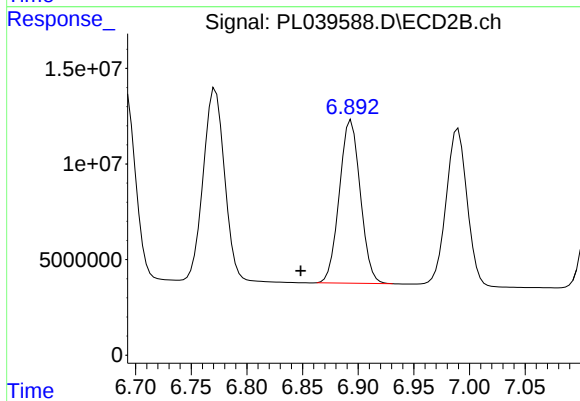
#26 Chlordane-4

R.T.: 6.054 min  
Delta R.T.: -0.004 min  
Response: 171493689  
Conc: 330.61 ng/ml



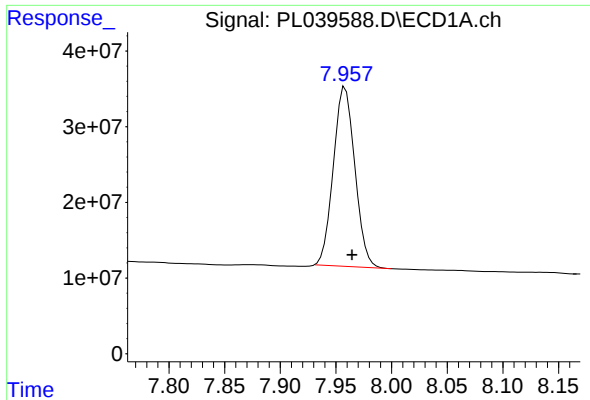
#27 Chlordane-5

R.T.: 6.056 min  
Delta R.T.: -0.008 min  
Response: 408664568  
Conc: 1260.03 ng/ml



#27 Chlordane-5

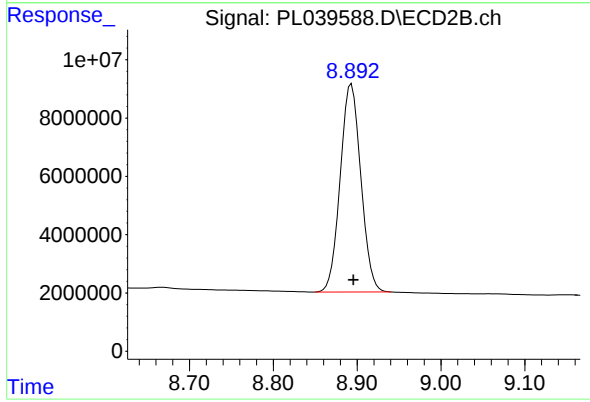
R.T.: 6.894 min  
Delta R.T.: 0.045 min  
Response: 111910777  
Conc: 1209.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.958 min  
Delta R.T.: -0.006 min  
Response: 318414104  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: -0.002 min  
Response: 122350941  
Conc: 52.72 ng/ml