

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080818\  
 Data File : PL039018.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2018 13:18  
 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 09 00:50:42 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 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... | 3.323 | 3.926 | 336.9E6 | 133.2E6  | 45.249   | 50.732     |
| 28)                         | SA Decachlor... | 7.989 | 8.932 | 325.1E6 | 117.3E6  | 42.859   | 47.986     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.752 | 4.305 | 567.8E6 | 210.6E6  | 48.058   | 54.427     |
| 3)                          | MA gamma-BHC... | 4.028 | 4.585 | 490.4E6 | 190.5E6  | 46.779   | 52.745     |
| 4)                          | MA Heptachlor   | 4.311 | 5.095 | 518.6E6 | 186.0E6  | 48.752   | 58.179     |
| 5)                          | MB Aldrin       | 4.549 | 5.397 | 509.9E6 | 175.8E6  | 48.717   | 56.962     |
| 6)                          | B beta-BHC      | 4.282 | 4.747 | 229.6E6 | 86252938 | 48.638   | 56.862     |
| 7)                          | B delta-BHC     | 4.476 | 4.961 | 535.1E6 | 188.6E6  | 49.302   | 56.861     |
| 8)                          | B Heptachlo...  | 4.987 | 5.777 | 460.9E6 | 160.7E6  | 48.882   | 56.553     |
| 9)                          | A Endosulfan I  | 5.317 | 6.129 | 442.4E6 | 139.2E6  | 51.142   | 54.110     |
| 10)                         | B gamma-Chl...  | 5.208 | 6.009 | 494.3E6 | 157.7E6  | 50.006   | 54.406     |
| 11)                         | B alpha-Chl...  | 5.265 | 6.082 | 474.5E6 | 156.1E6  | 50.132   | 54.462     |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.239 | 466.1E6 | 149.0E6  | 48.611   | 55.734     |
| 13)                         | MA Dieldrin     | 5.556 | 6.383 | 481.7E6 | 147.3E6  | 50.122   | 54.122     |
| 14)                         | MA Endrin       | 5.810 | 6.598 | 421.6E6 | 127.8E6  | 48.527   | 53.504     |
| 15)                         | B Endosulfa...  | 6.085 | 6.801 | 387.2E6 | 123.2E6  | 48.827   | 51.321     |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.721 | 397.1E6 | 110.0E6  | 54.130   | 51.404     |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.019 | 371.9E6 | 108.5E6  | 50.060   | 50.875     |
| 18)                         | B Endrin al...  | 6.253 | 6.924 | 325.2E6 | 104.1E6  | 51.075   | 53.366     |
| 19)                         | B Endosulfa...  | 6.463 | 7.146 | 387.0E6 | 114.9E6  | 51.232   | 52.734     |
| 20)                         | A Methoxychlor  | 6.727 | 7.475 | 195.2E6 | 59709318 | 50.725   | 52.438     |
| 21)                         | B Endrin ke...  | 6.946 | 7.609 | 405.2E6 | 112.5E6  | 51.644   | 47.196     |
| 23)                         | Chlordane-1     | 4.197 | 4.961 | 4902234 | 188.6E6  | 14.158   | 1627.339 # |
| 24)                         | Chlordane-2     | 0.000 | 5.397 | 0       | 175.8E6  | N.D.     | 1468.034 # |
| 25)                         | Chlordane-3     | 5.208 | 6.009 | 494.3E6 | 157.7E6  | 424.864  | 386.698    |
| 26)                         | Chlordane-4     | 5.265 | 6.082 | 474.5E6 | 156.1E6  | 451.351  | 317.718 #  |
| 27)                         | Chlordane-5     | 5.945 | 6.924 | 397.1E6 | 104.1E6  | 2479.685 | 1162.510 # |
| -----                       |                 |       |       |         |          |          |            |

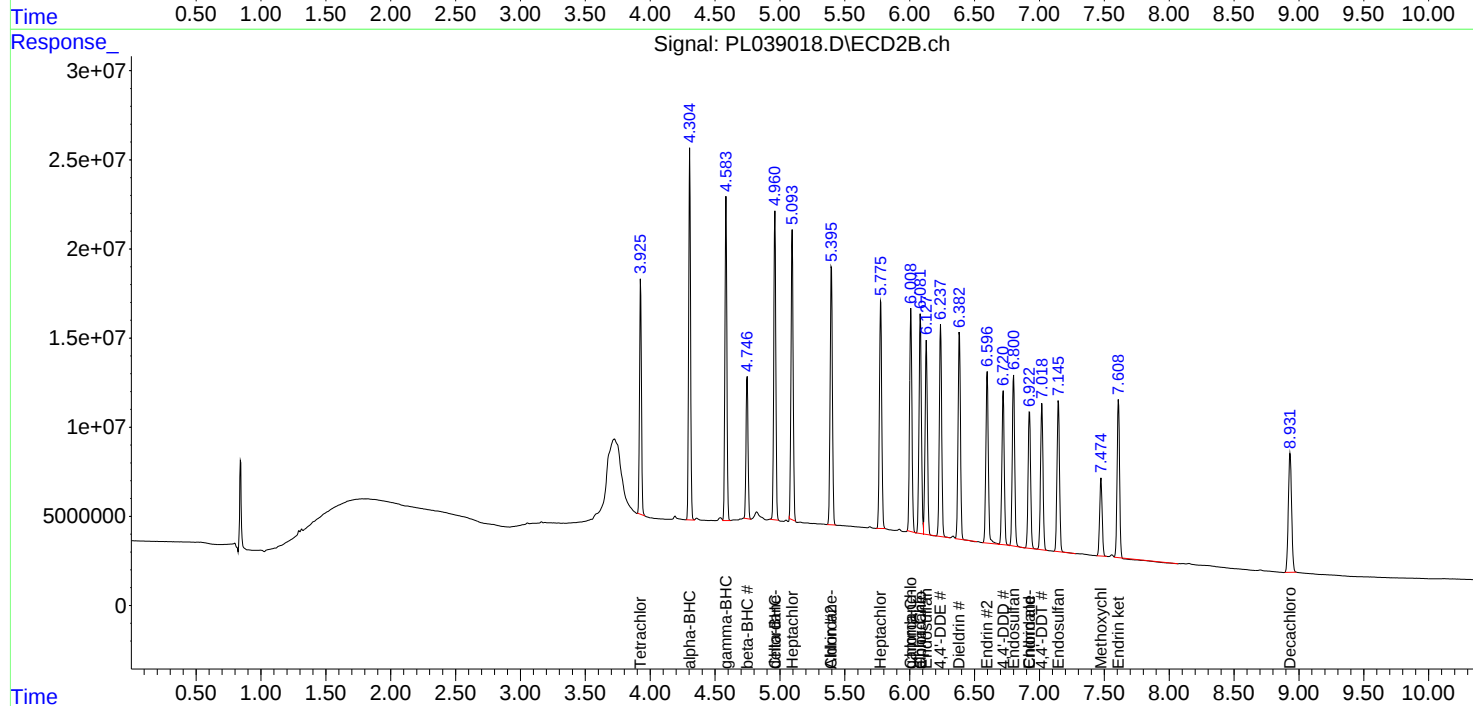
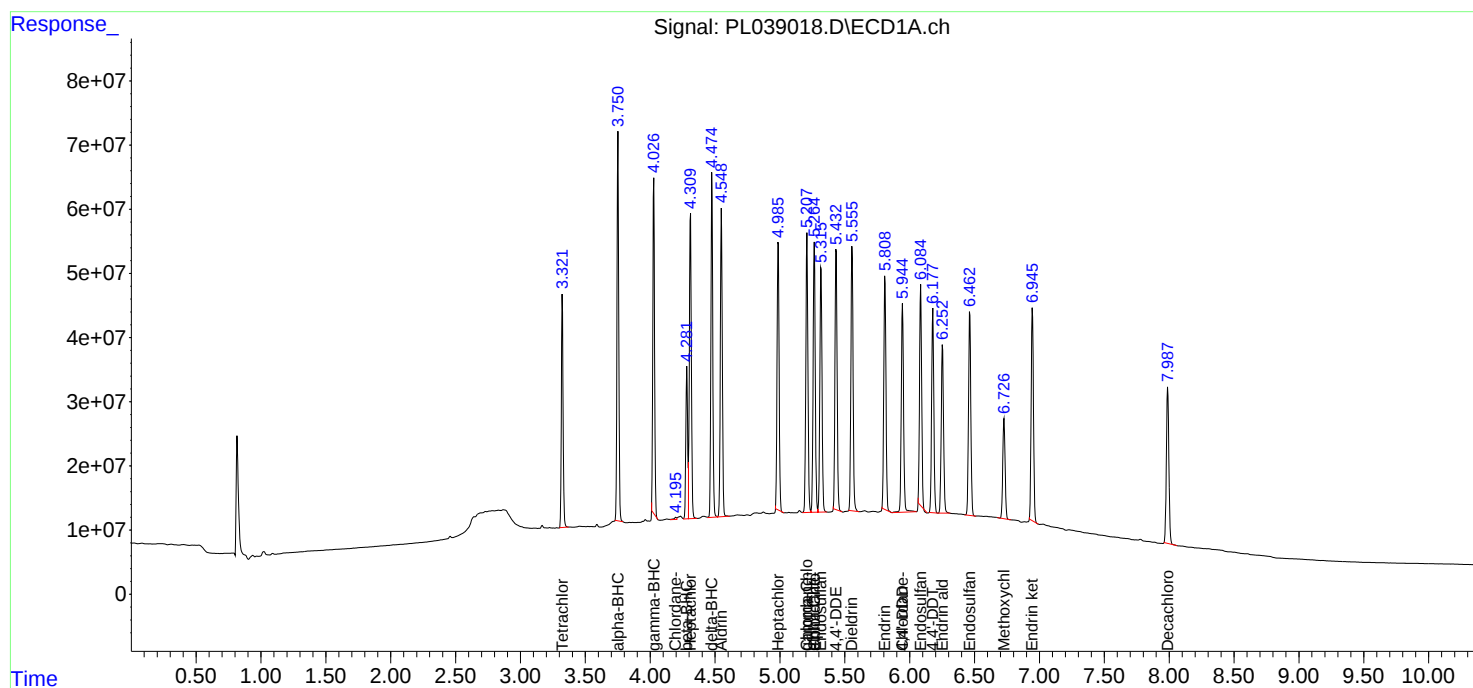
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

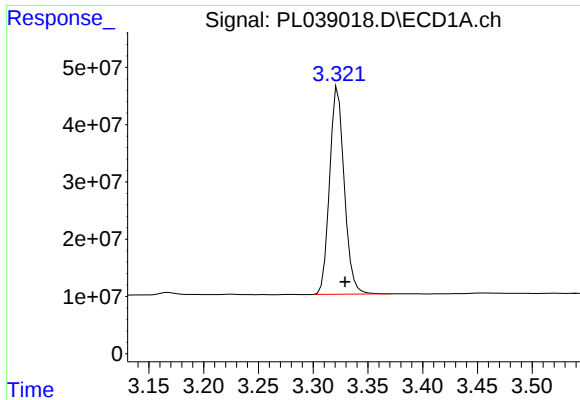
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080818\  
Data File : PL039018.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2018 13:18  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:50:42 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 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

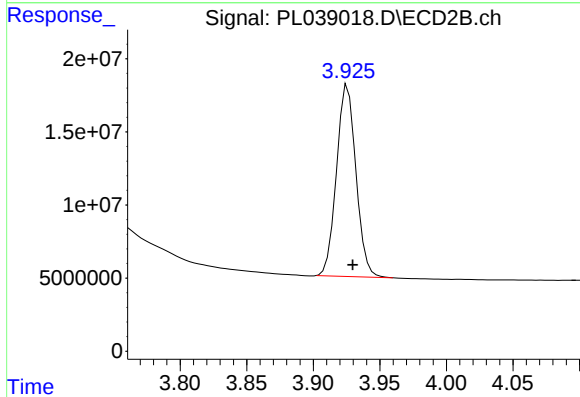




#1 Tetrachloro-m-xylene

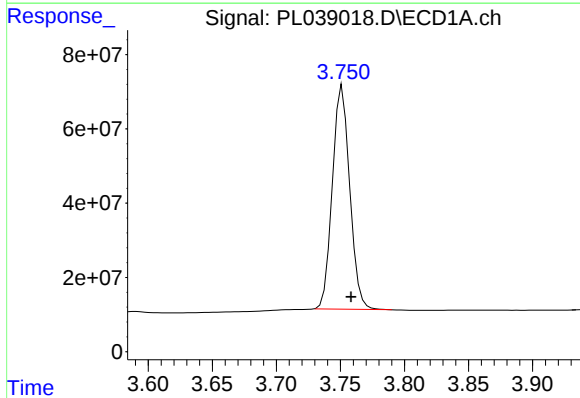
R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 336941432  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



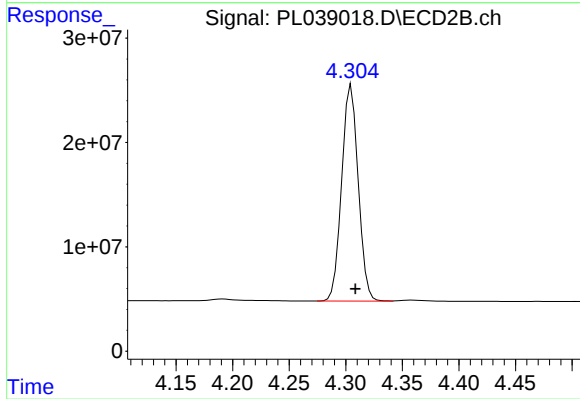
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.004 min  
Response: 133168350  
Conc: 50.73 ng/ml



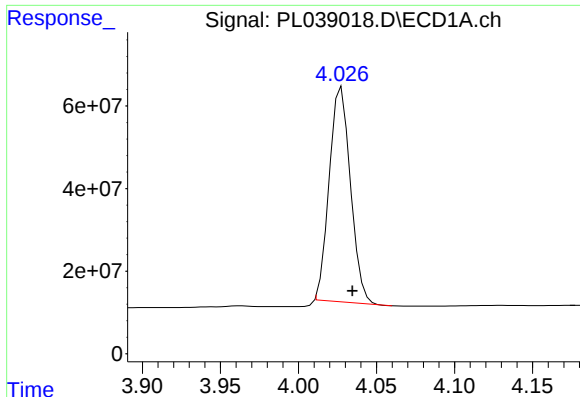
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.007 min  
Response: 567827798  
Conc: 48.06 ng/ml



#2 alpha-BHC

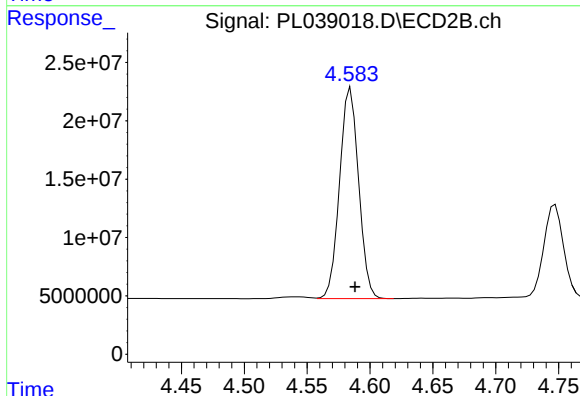
R.T.: 4.305 min  
Delta R.T.: -0.004 min  
Response: 210641073  
Conc: 54.43 ng/ml



#3 gamma-BHC (Lindane)

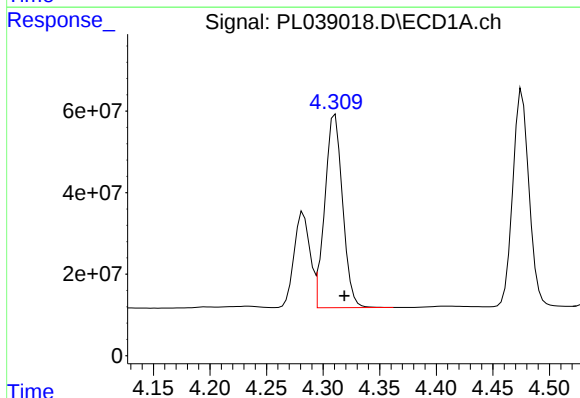
R.T.: 4.028 min  
Delta R.T.: -0.007 min  
Response: 490427145  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



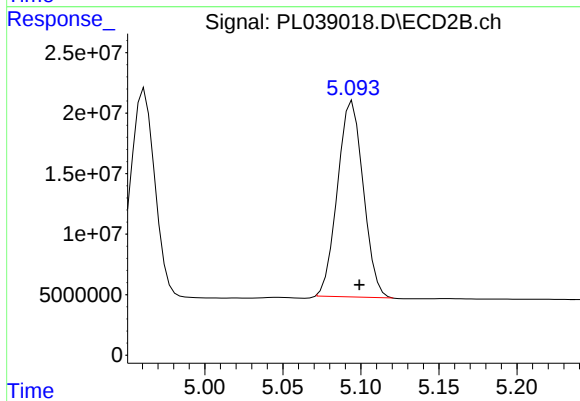
#3 gamma-BHC (Lindane)

R.T.: 4.585 min  
Delta R.T.: -0.004 min  
Response: 190505503  
Conc: 52.75 ng/ml



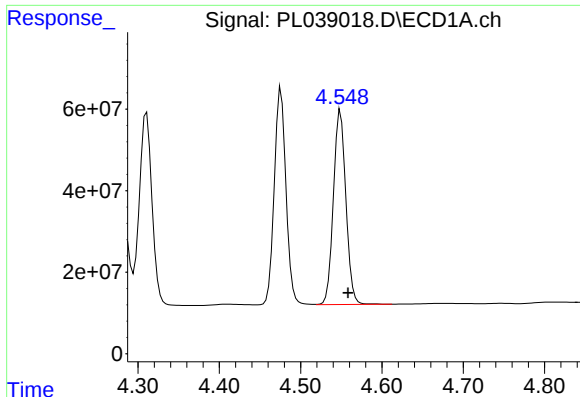
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 518595952  
Conc: 48.75 ng/ml



#4 Heptachlor

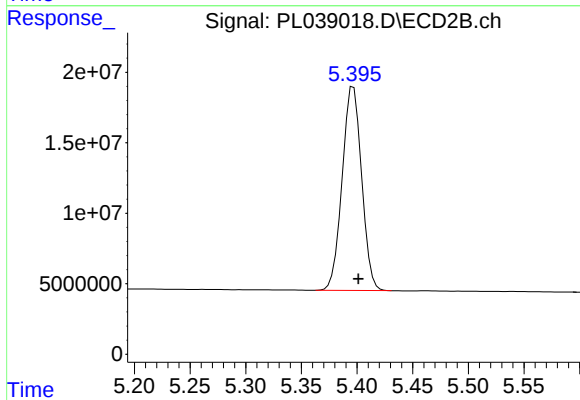
R.T.: 5.095 min  
Delta R.T.: -0.005 min  
Response: 185955208  
Conc: 58.18 ng/ml



#5 Aldrin

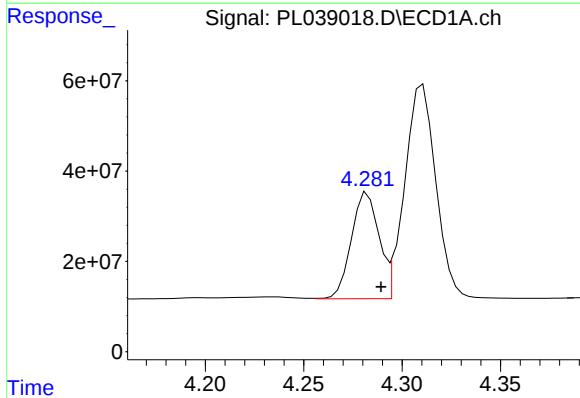
R.T.: 4.549 min  
Delta R.T.: -0.009 min  
Response: 509934265  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



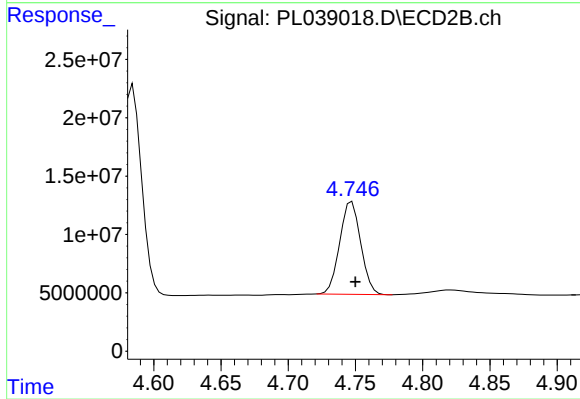
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 175797281  
Conc: 56.96 ng/ml



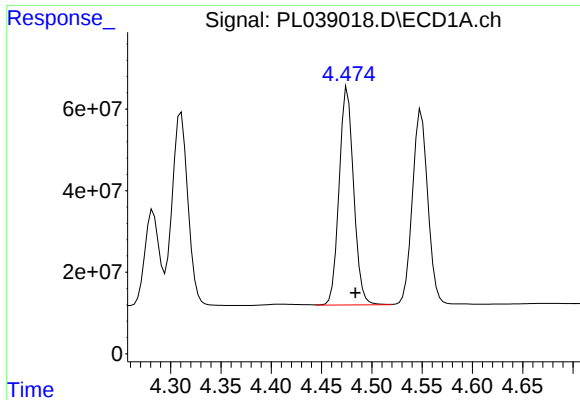
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: -0.007 min  
Response: 229588585  
Conc: 48.64 ng/ml



#6 beta-BHC

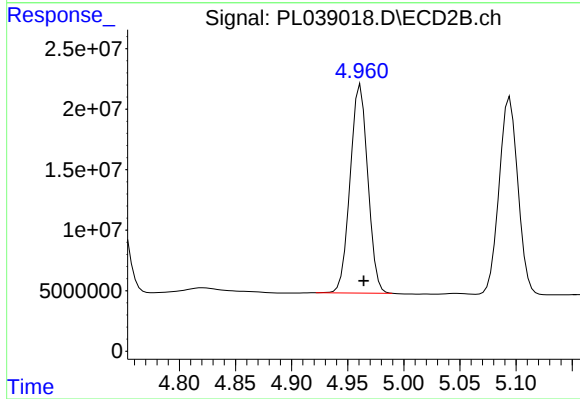
R.T.: 4.747 min  
Delta R.T.: -0.003 min  
Response: 86252938  
Conc: 56.86 ng/ml



#7 delta-BHC

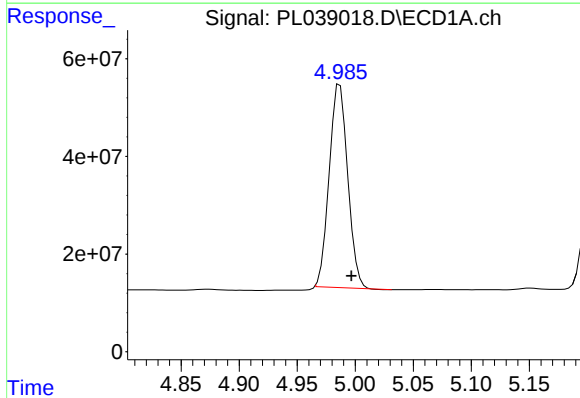
R.T.: 4.476 min  
Delta R.T.: -0.008 min  
Response: 535134956  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



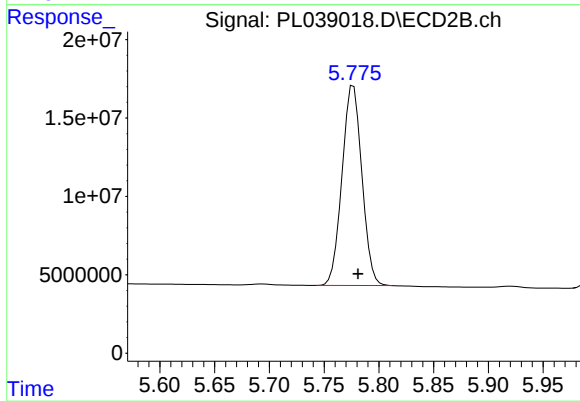
#7 delta-BHC

R.T.: 4.961 min  
Delta R.T.: -0.003 min  
Response: 188584119  
Conc: 56.86 ng/ml



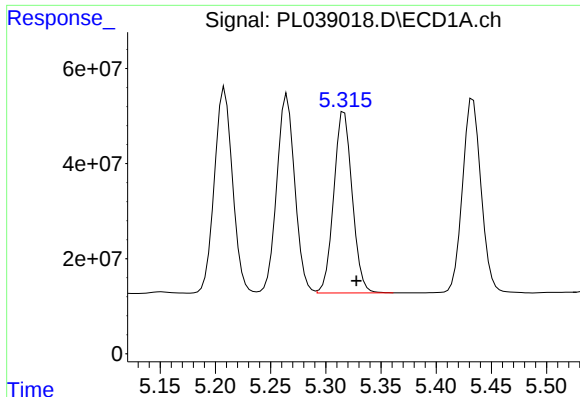
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.010 min  
Response: 460878900  
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

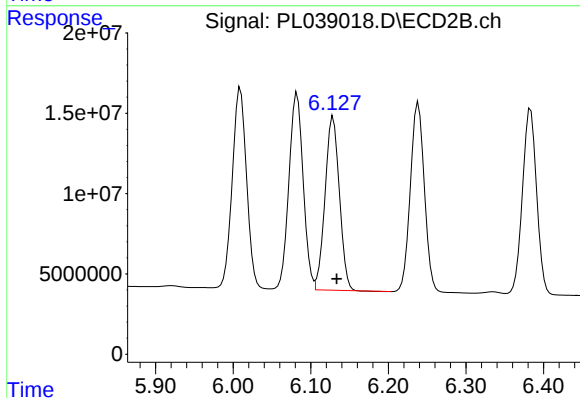
R.T.: 5.777 min  
Delta R.T.: -0.004 min  
Response: 160718414  
Conc: 56.55 ng/ml



#9 Endosulfan I

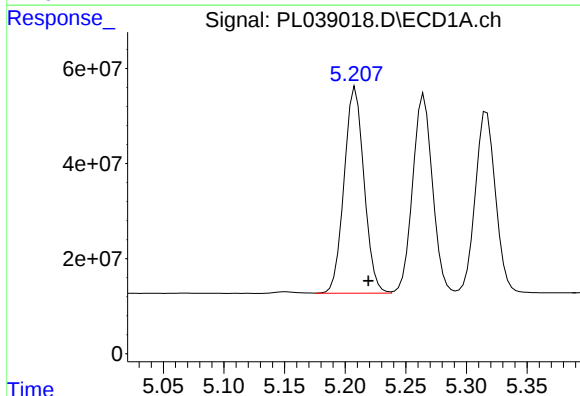
R.T.: 5.317 min  
Delta R.T.: -0.011 min  
Response: 442365235  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



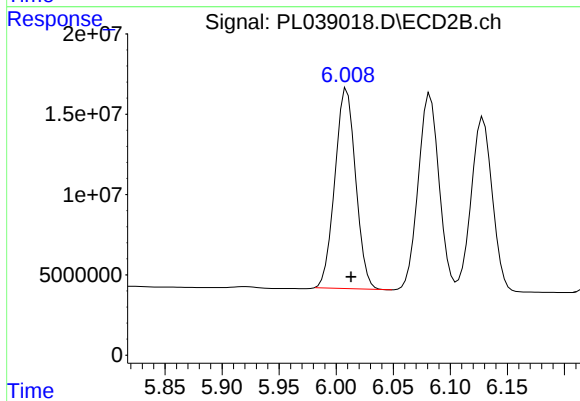
#9 Endosulfan I

R.T.: 6.129 min  
Delta R.T.: -0.005 min  
Response: 139157840  
Conc: 54.11 ng/ml



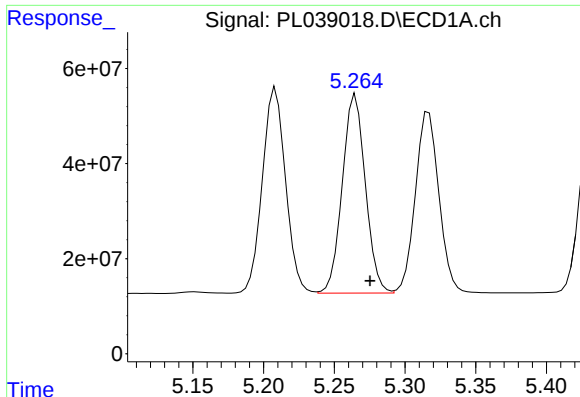
#10 gamma-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.011 min  
Response: 494257642  
Conc: 50.01 ng/ml



#10 gamma-Chlordane

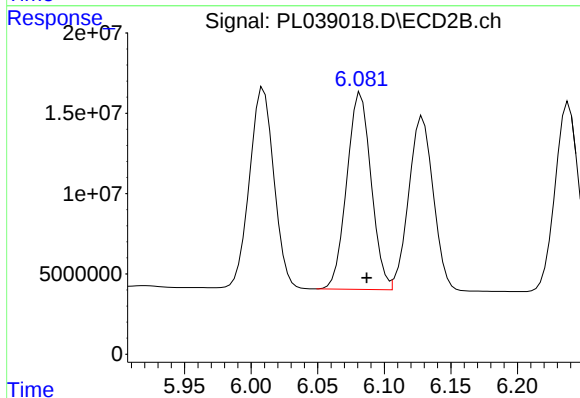
R.T.: 6.009 min  
Delta R.T.: -0.004 min  
Response: 157734274  
Conc: 54.41 ng/ml



#11 alpha-Chlordane

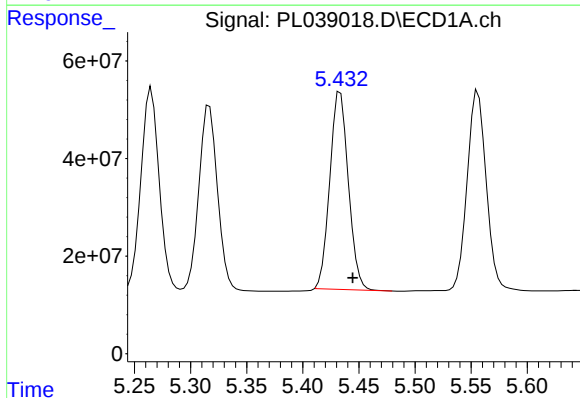
R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 474541636  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



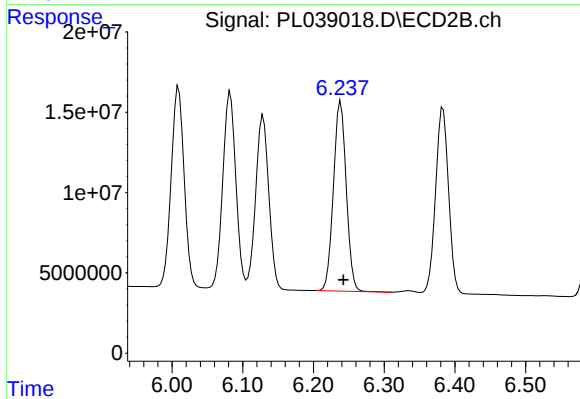
#11 alpha-Chlordane

R.T.: 6.082 min  
Delta R.T.: -0.004 min  
Response: 156099176  
Conc: 54.46 ng/ml



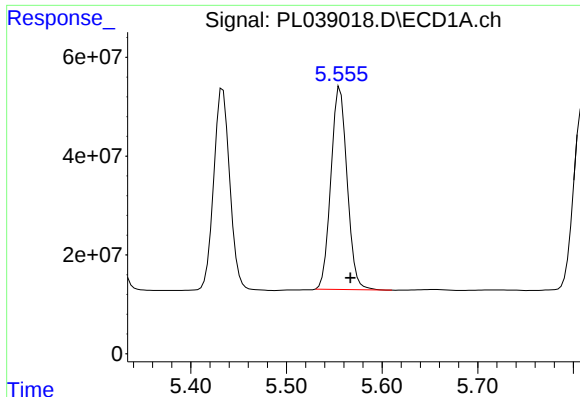
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.011 min  
Response: 466070673  
Conc: 48.61 ng/ml



#12 4,4'-DDE

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 149037636  
Conc: 55.73 ng/ml



#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.011 min  
Response: 481680637  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

#13 Dieldrin

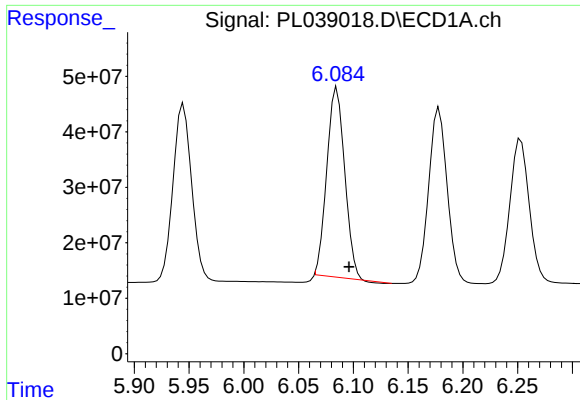
R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 147308130  
Conc: 54.12 ng/ml

#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.012 min  
Response: 421625396  
Conc: 48.53 ng/ml

#14 Endrin

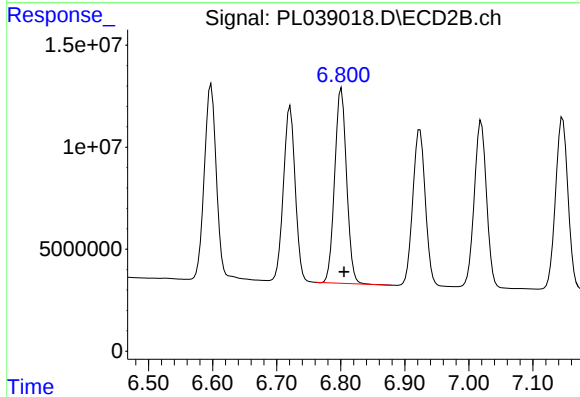
R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 127775303  
Conc: 53.50 ng/ml



#15 Endosulfan II

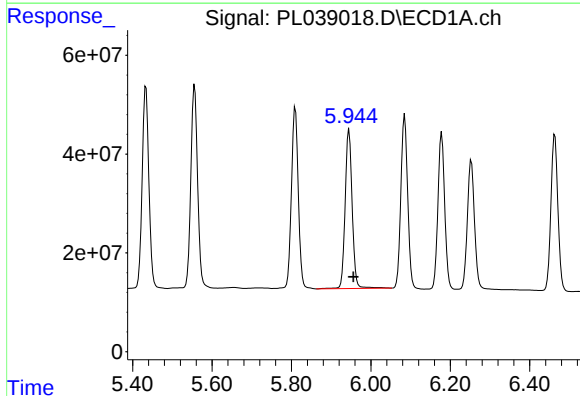
R.T.: 6.085 min  
Delta R.T.: -0.011 min  
Response: 387206047  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



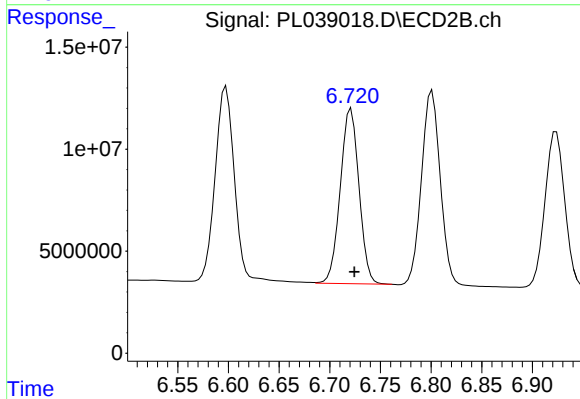
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.004 min  
Response: 123242185  
Conc: 51.32 ng/ml



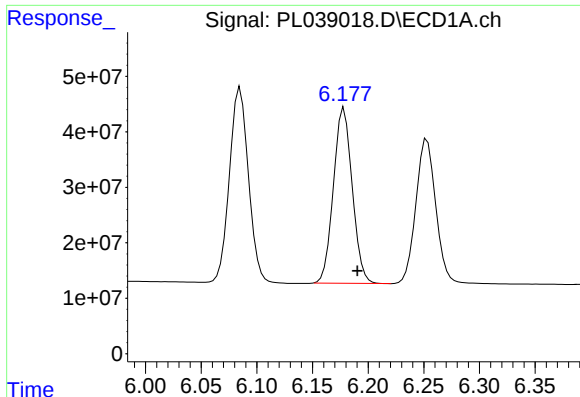
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: -0.011 min  
Response: 397079849  
Conc: 54.13 ng/ml



#16 4,4'-DDD

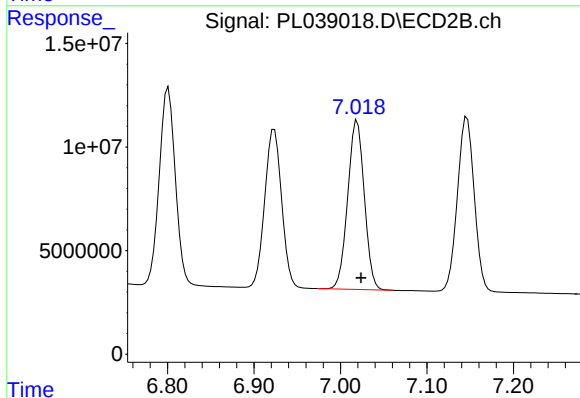
R.T.: 6.721 min  
Delta R.T.: -0.003 min  
Response: 110026530  
Conc: 51.40 ng/ml



#17 4,4'-DDT

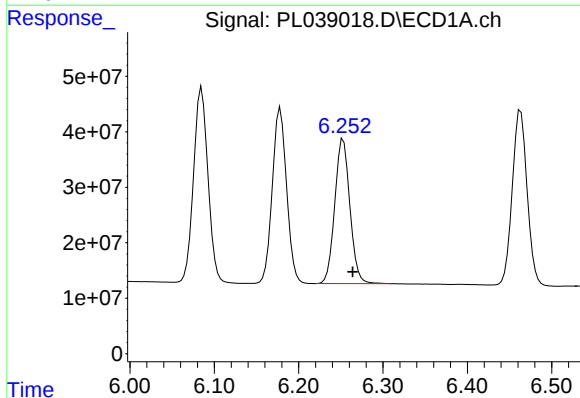
R.T.: 6.178 min  
Delta R.T.: -0.012 min  
Response: 371877075  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



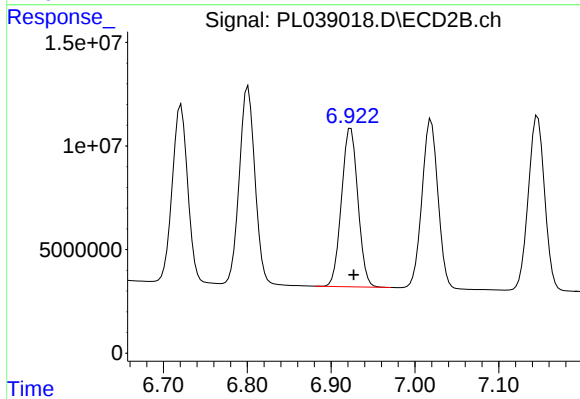
#17 4,4'-DDT

R.T.: 7.019 min  
Delta R.T.: -0.004 min  
Response: 108467852  
Conc: 50.88 ng/ml



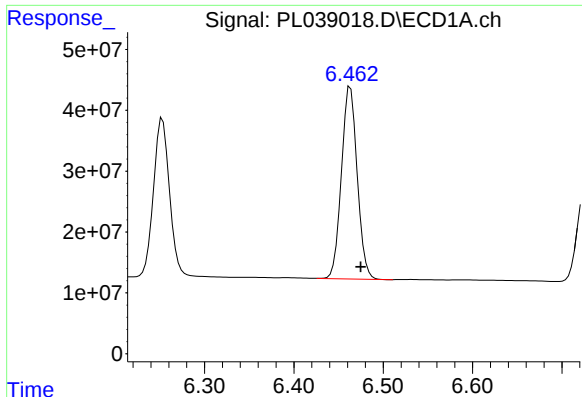
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.011 min  
Response: 325223452  
Conc: 51.07 ng/ml



#18 Endrin aldehyde

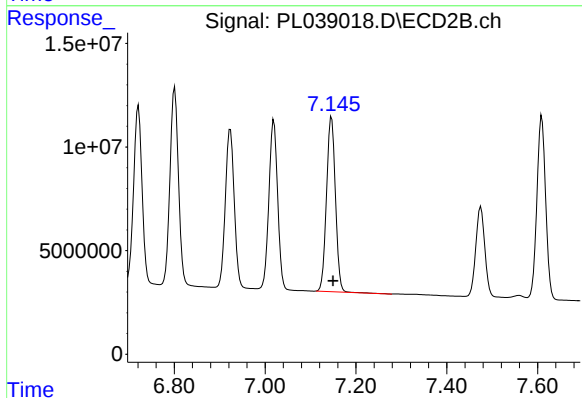
R.T.: 6.924 min  
Delta R.T.: -0.004 min  
Response: 104137104  
Conc: 53.37 ng/ml



#19 Endosulfan Sulfate

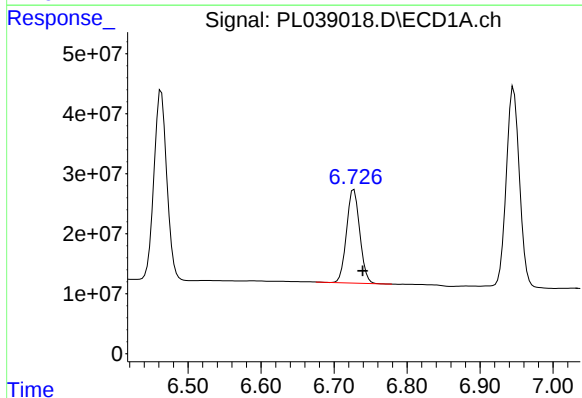
R.T.: 6.463 min  
Delta R.T.: -0.012 min  
Response: 386968157  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



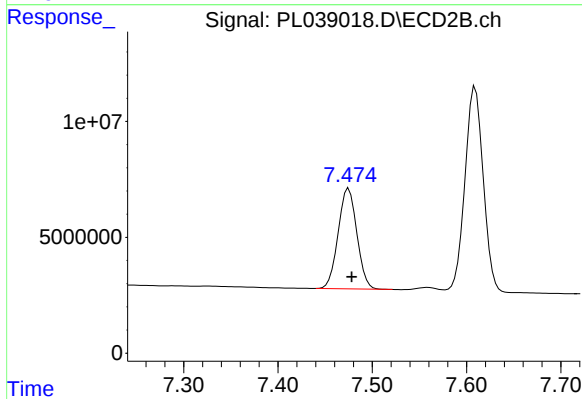
#19 Endosulfan Sulfate

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 114947858  
Conc: 52.73 ng/ml



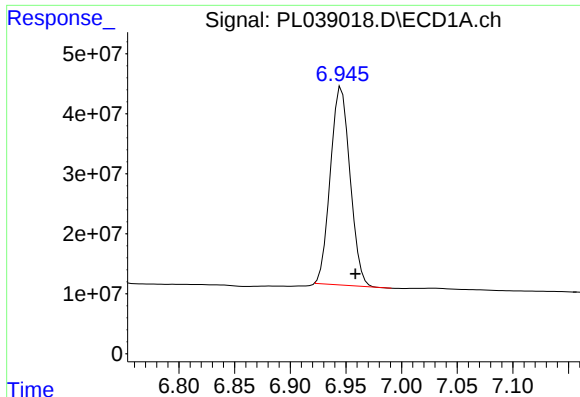
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.012 min  
Response: 195164398  
Conc: 50.73 ng/ml



#20 Methoxychlor

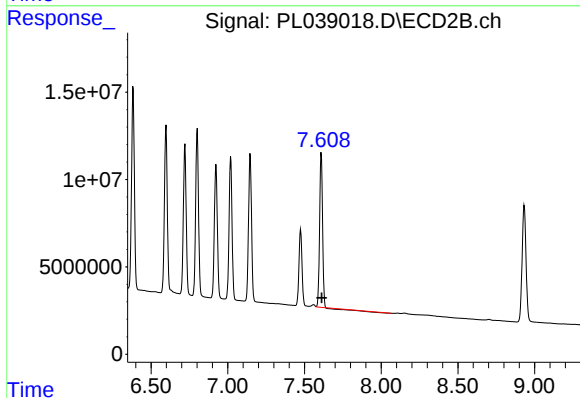
R.T.: 7.475 min  
Delta R.T.: -0.003 min  
Response: 59709318  
Conc: 52.44 ng/ml



#21 Endrin ketone

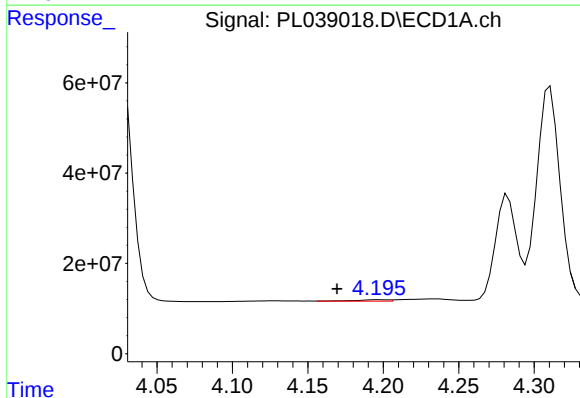
R.T.: 6.946 min  
Delta R.T.: -0.013 min  
Response: 405192934  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



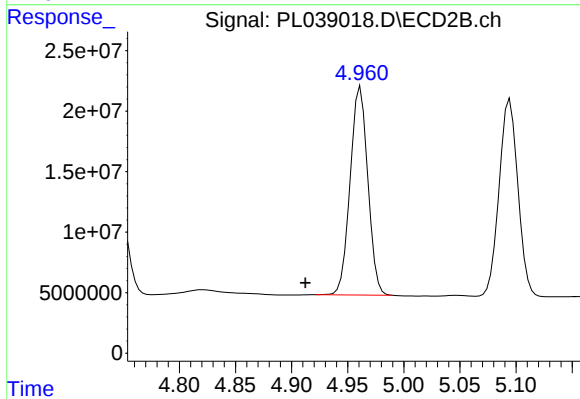
#21 Endrin ketone

R.T.: 7.609 min  
Delta R.T.: -0.004 min  
Response: 112492323  
Conc: 47.20 ng/ml



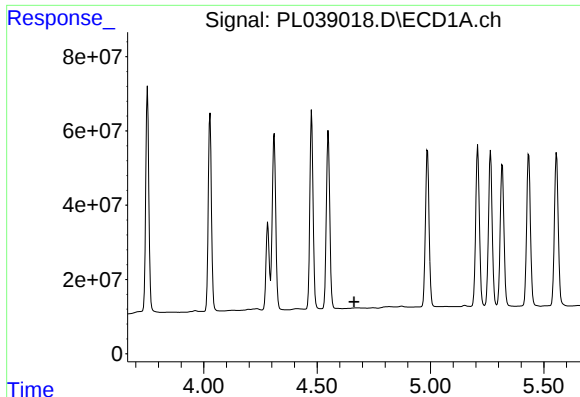
#23 Chlordane-1

R.T.: 4.197 min  
Delta R.T.: 0.028 min  
Response: 4902234  
Conc: 14.16 ng/ml



#23 Chlordane-1

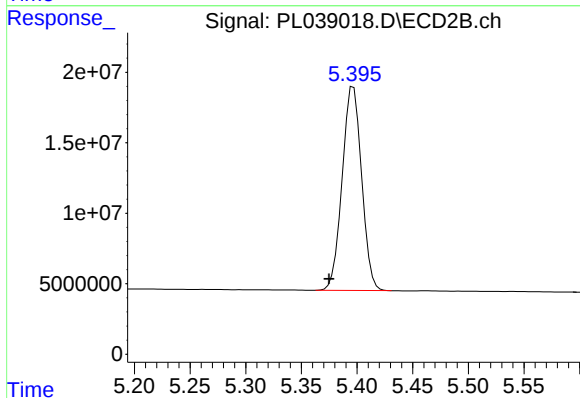
R.T.: 4.961 min  
Delta R.T.: 0.049 min  
Response: 188584119  
Conc: 1627.34 ng/ml



#24 Chlordane-2

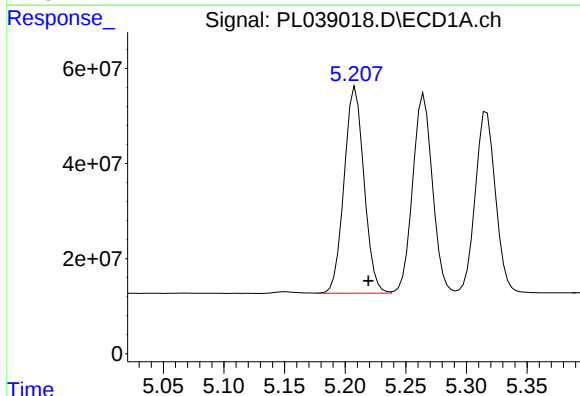
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



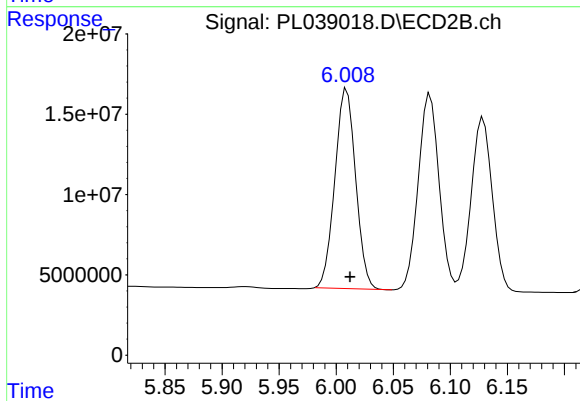
#24 Chlordane-2

R.T.: 5.397 min  
Delta R.T.: 0.022 min  
Response: 175797281  
Conc: 1468.03 ng/ml



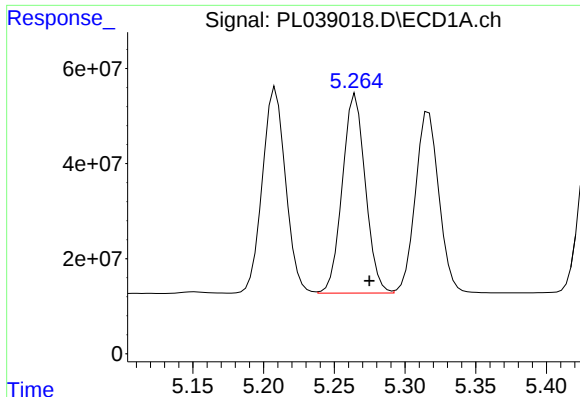
#25 Chlordane-3

R.T.: 5.208 min  
Delta R.T.: -0.011 min  
Response: 494257642  
Conc: 424.86 ng/ml



#25 Chlordane-3

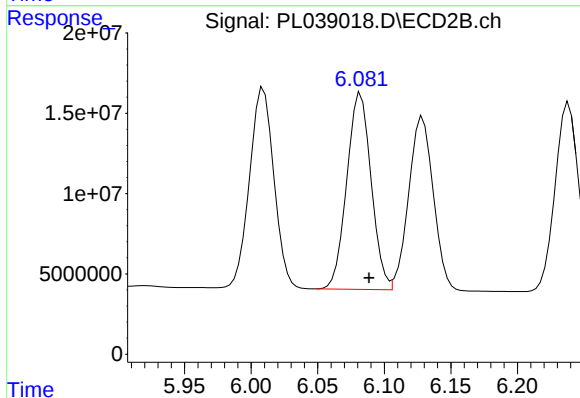
R.T.: 6.009 min  
Delta R.T.: -0.003 min  
Response: 157734274  
Conc: 386.70 ng/ml



#26 Chlordane-4

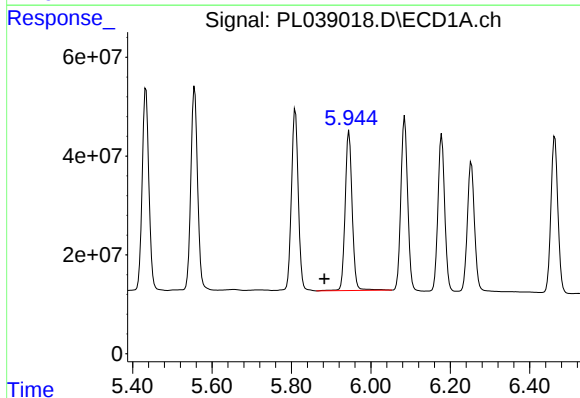
R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 474541636  
Conc: 451.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



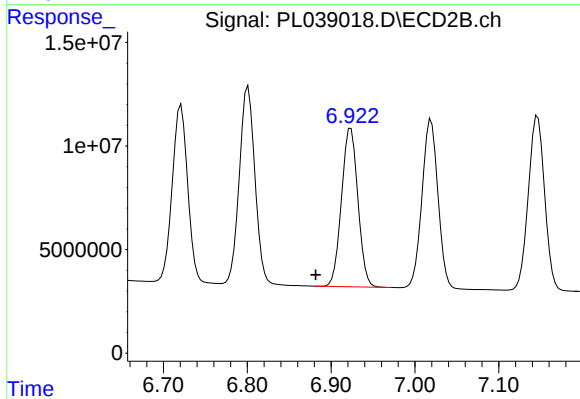
#26 Chlordane-4

R.T.: 6.082 min  
Delta R.T.: -0.006 min  
Response: 156099176  
Conc: 317.72 ng/ml



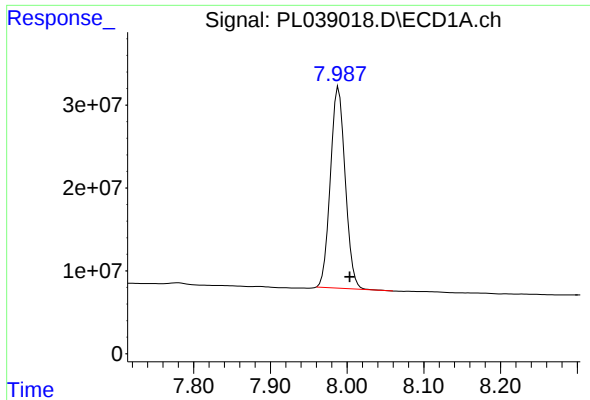
#27 Chlordane-5

R.T.: 5.945 min  
Delta R.T.: 0.062 min  
Response: 397079849  
Conc: 2479.68 ng/ml



#27 Chlordane-5

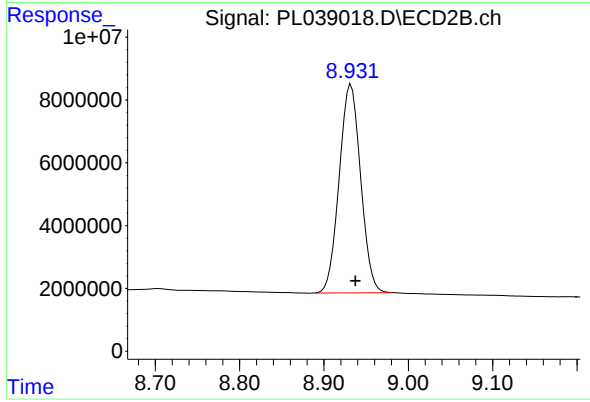
R.T.: 6.924 min  
Delta R.T.: 0.042 min  
Response: 104137104  
Conc: 1162.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.989 min  
Delta R.T.: -0.015 min  
Response: 325122649  
Conc: 42.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.932 min  
Delta R.T.: -0.005 min  
Response: 117300298  
Conc: 47.99 ng/ml