

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080918\  
 Data File : PL039066.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2018 14:33  
 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 10 01:09:02 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 | 3.927 | 318.2E6 | 129.4E6  | 42.730   | 49.288     |
| 28)                         | SA Decachlor... | 7.990 | 8.935 | 295.4E6 | 111.4E6  | 38.944   | 45.576     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.752 | 4.306 | 537.5E6 | 205.0E6  | 45.494   | 52.964     |
| 3)                          | MA gamma-BHC... | 4.028 | 4.585 | 451.9E6 | 185.0E6  | 43.107   | 51.218     |
| 4)                          | MA Heptachlor   | 4.311 | 5.095 | 485.6E6 | 178.7E6  | 45.652   | 55.908     |
| 5)                          | MB Aldrin       | 4.549 | 5.398 | 478.1E6 | 169.5E6  | 45.675   | 54.934     |
| 6)                          | B beta-BHC      | 4.282 | 4.748 | 216.1E6 | 83238076 | 45.771   | 54.874     |
| 7)                          | B delta-BHC     | 4.476 | 4.962 | 505.2E6 | 184.0E6  | 46.542   | 55.471     |
| 8)                          | B Heptachlo...  | 4.987 | 5.778 | 426.6E6 | 156.0E6  | 45.249   | 54.886     |
| 9)                          | A Endosulfan I  | 5.317 | 6.131 | 414.2E6 | 137.1E6  | 47.884   | 53.297     |
| 10)                         | B gamma-Chl...  | 5.209 | 6.010 | 464.2E6 | 154.4E6  | 46.964   | 53.262     |
| 11)                         | B alpha-Chl...  | 5.265 | 6.084 | 445.8E6 | 152.0E6  | 47.097   | 53.023     |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.240 | 433.9E6 | 146.4E6  | 45.255   | 54.751     |
| 13)                         | MA Dieldrin     | 5.556 | 6.384 | 449.2E6 | 145.9E6  | 46.742   | 53.596     |
| 14)                         | MA Endrin       | 5.810 | 6.599 | 404.2E6 | 126.1E6  | 46.527   | 52.803     |
| 15)                         | B Endosulfa...  | 6.085 | 6.803 | 342.6E6 | 118.9E6  | 43.197   | 49.527     |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.722 | 371.7E6 | 107.2E6  | 50.673   | 50.096     |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.021 | 339.7E6 | 104.0E6  | 45.723   | 48.790     |
| 18)                         | B Endrin al...  | 6.253 | 6.925 | 304.5E6 | 101.2E6  | 47.826   | 51.842     |
| 19)                         | B Endosulfa...  | 6.464 | 7.148 | 364.0E6 | 112.0E6  | 48.193   | 51.371     |
| 20)                         | A Methoxychlor  | 6.727 | 7.477 | 180.5E6 | 57784098 | 46.921   | 50.747     |
| 21)                         | B Endrin ke...  | 6.946 | 7.612 | 384.3E6 | 117.0E6  | 48.984   | 49.089     |
| 23)                         | Chlordane-1     | 4.235 | 4.962 | 8101674 | 184.0E6  | 23.398   | 1587.557 # |
| 24)                         | Chlordane-2     | 0.000 | 5.398 | 0       | 169.5E6  | N.D.     | 1415.757 # |
| 25)                         | Chlordane-3     | 5.209 | 6.010 | 464.2E6 | 154.4E6  | 399.021  | 378.571    |
| 26)                         | Chlordane-4     | 5.265 | 6.084 | 445.8E6 | 152.0E6  | 424.026  | 309.324 #  |
| 27)                         | Chlordane-5     | 5.945 | 6.925 | 371.7E6 | 101.2E6  | 2321.291 | 1129.302 # |
| -----                       |                 |       |       |         |          |          |            |

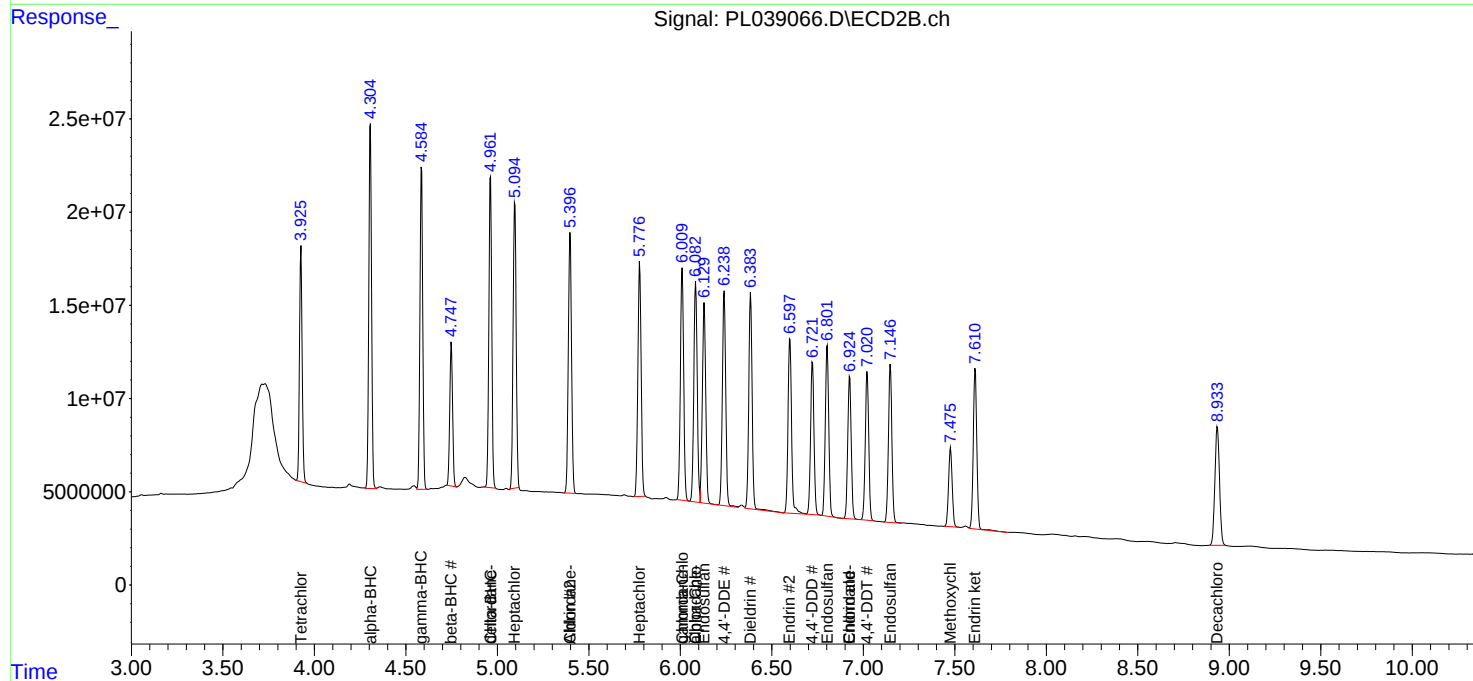
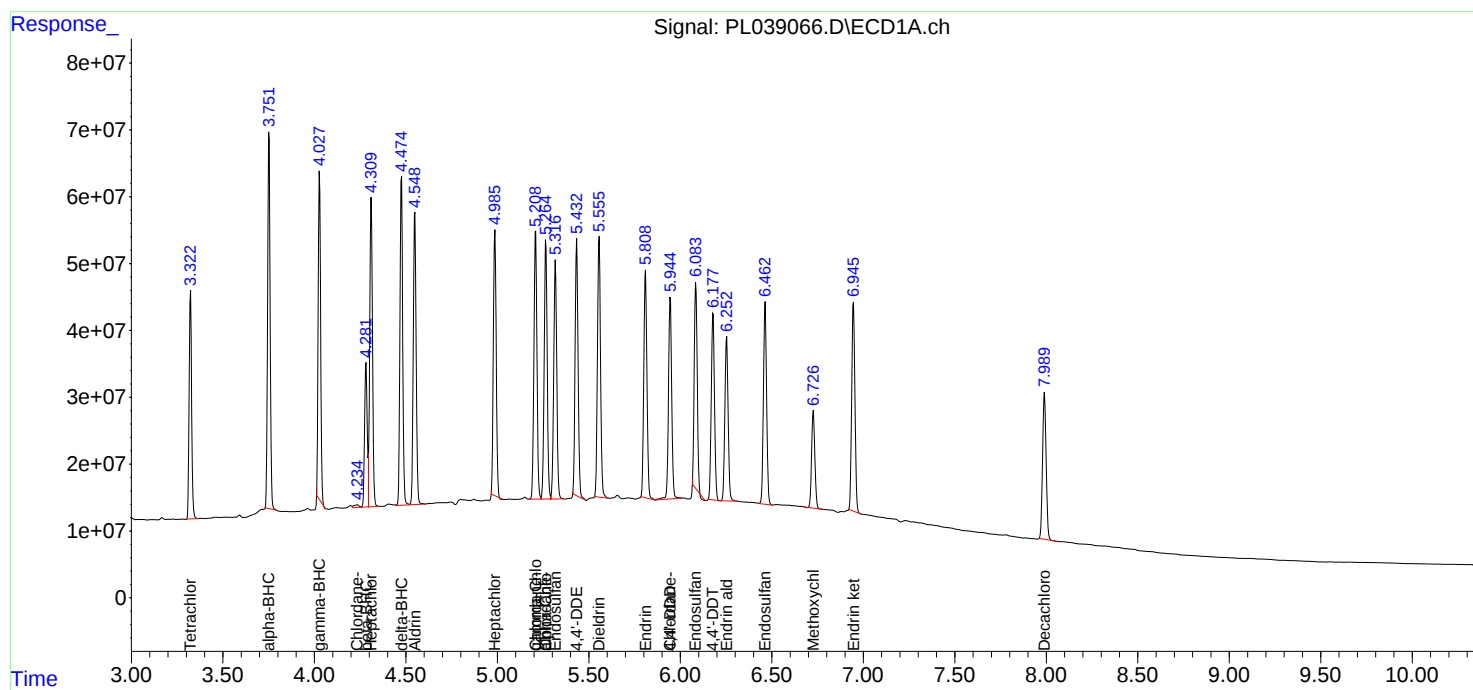
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

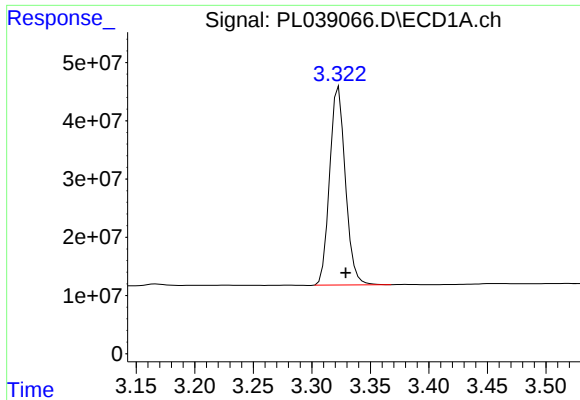
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080918\  
Data File : PL039066.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2018 14:33  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 01:09:02 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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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

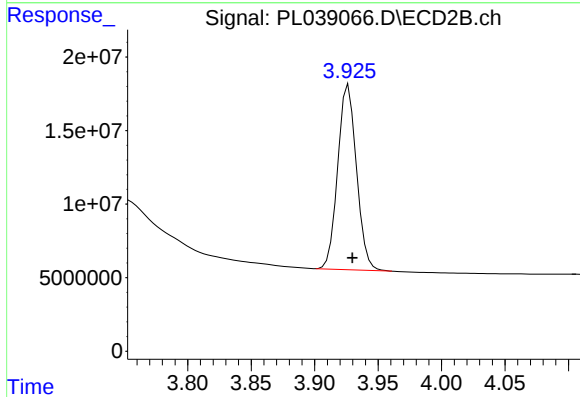




#1 Tetrachloro-m-xylene

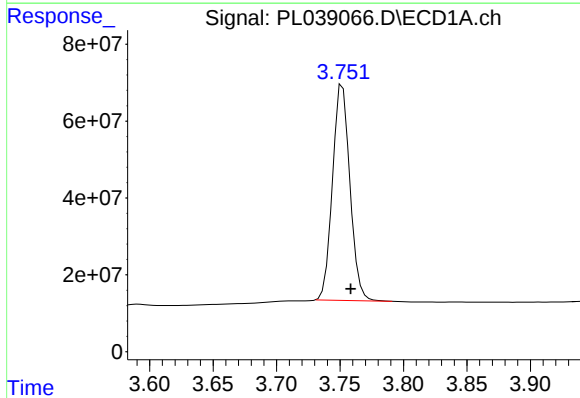
R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 318185952  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



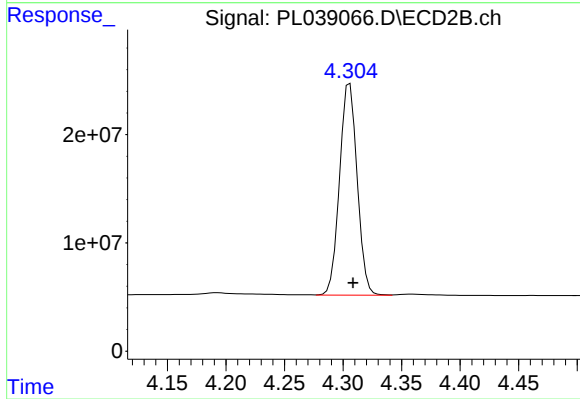
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 129379175  
Conc: 49.29 ng/ml



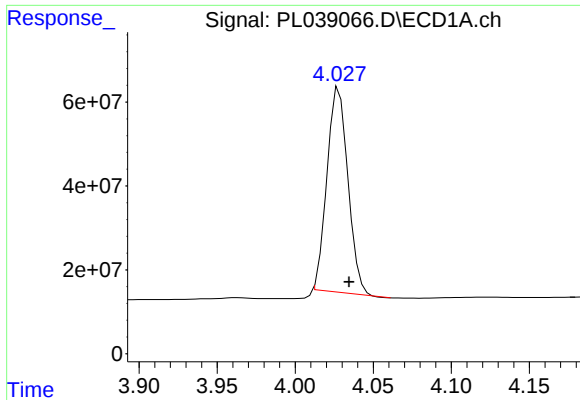
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.006 min  
Response: 537531668  
Conc: 45.49 ng/ml



#2 alpha-BHC

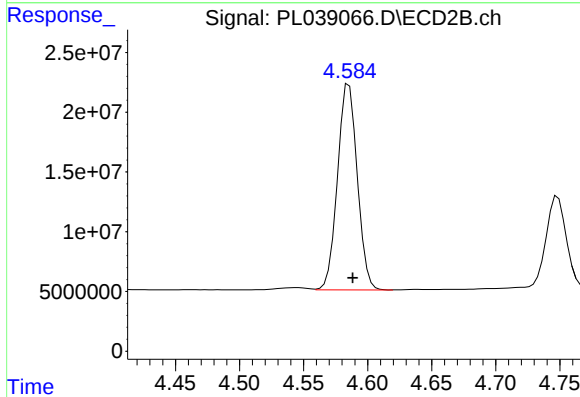
R.T.: 4.306 min  
Delta R.T.: -0.003 min  
Response: 204978216  
Conc: 52.96 ng/ml



#3 gamma-BHC (Lindane)

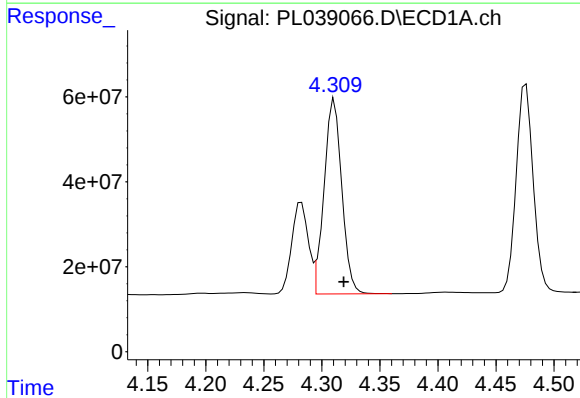
R.T.: 4.028 min  
Delta R.T.: -0.006 min  
Response: 451925094  
Conc: 43.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



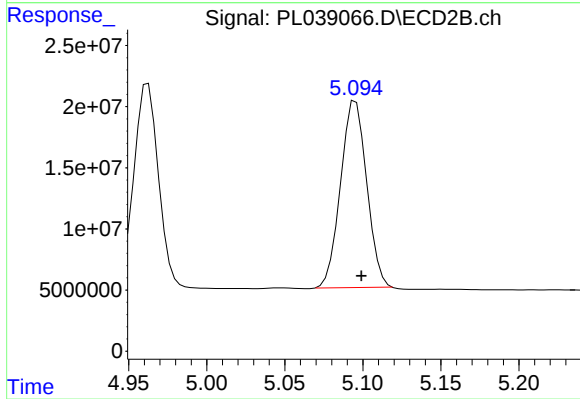
#3 gamma-BHC (Lindane)

R.T.: 4.585 min  
Delta R.T.: -0.003 min  
Response: 184988605  
Conc: 51.22 ng/ml



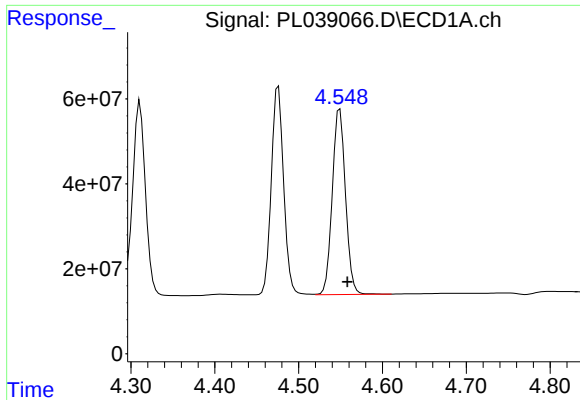
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 485618151  
Conc: 45.65 ng/ml



#4 Heptachlor

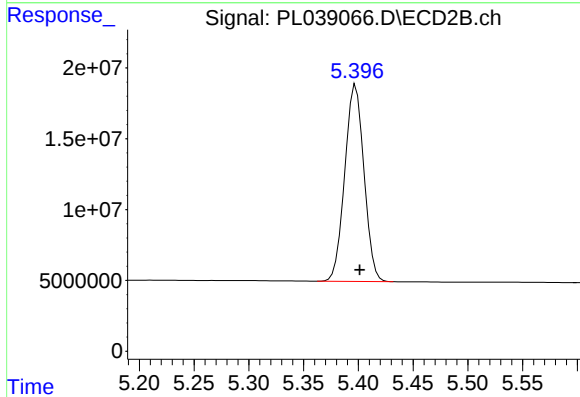
R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 178694761  
Conc: 55.91 ng/ml



#5 Aldrin

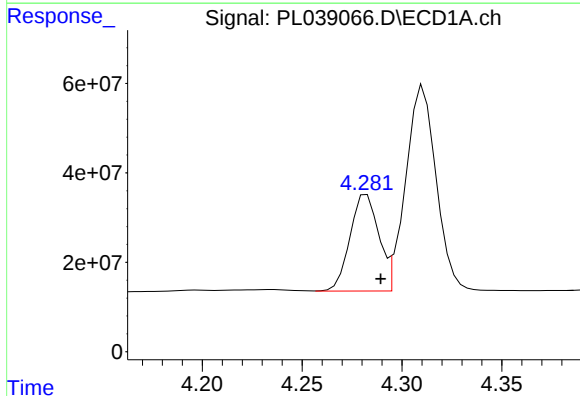
R.T.: 4.549 min  
Delta R.T.: -0.009 min  
Response: 478098149  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



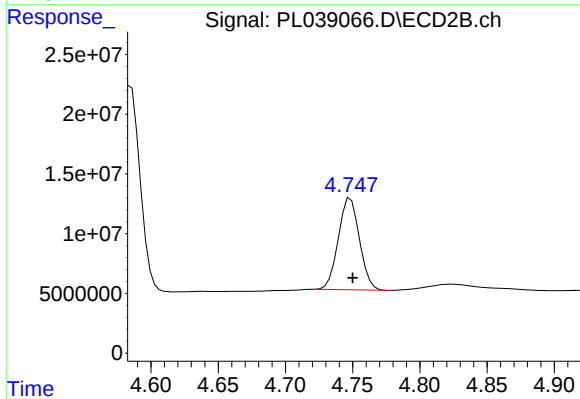
#5 Aldrin

R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 169537017  
Conc: 54.93 ng/ml



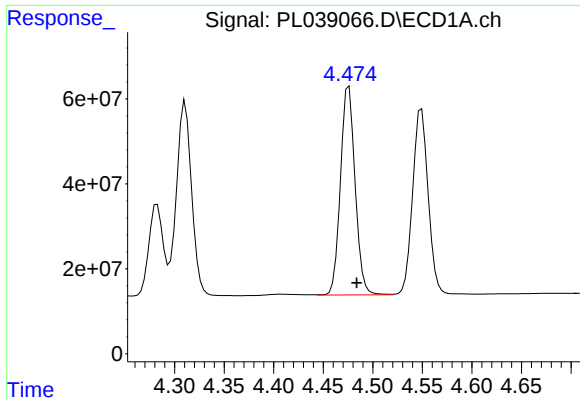
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: -0.007 min  
Response: 216055239  
Conc: 45.77 ng/ml



#6 beta-BHC

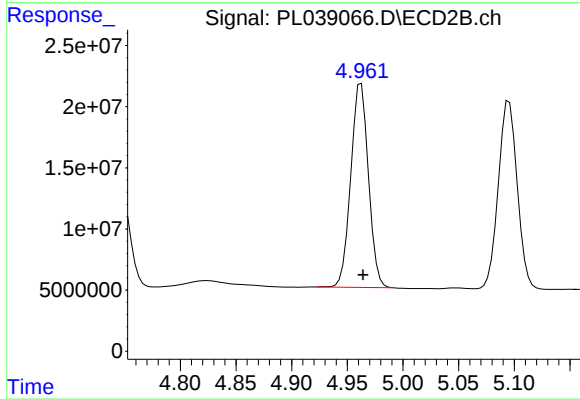
R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 83238076  
Conc: 54.87 ng/ml



#7 delta-BHC

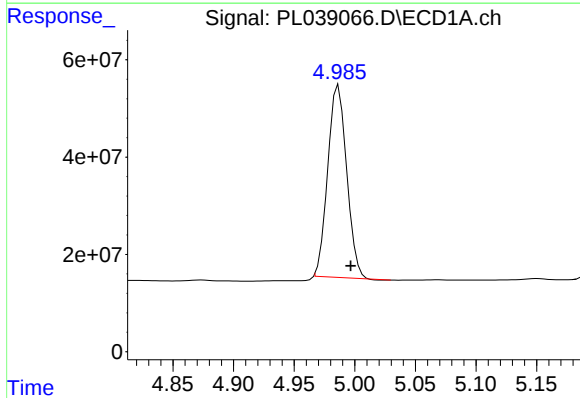
R.T.: 4.476 min  
Delta R.T.: -0.008 min  
Response: 505172814  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



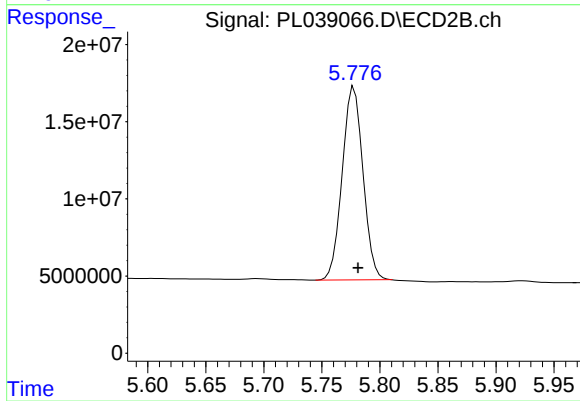
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 183974015  
Conc: 55.47 ng/ml



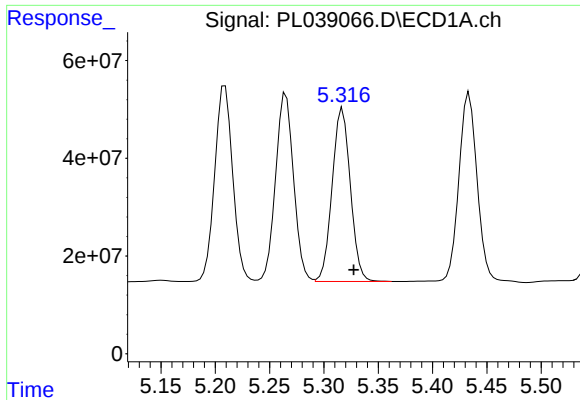
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.010 min  
Response: 426624541  
Conc: 45.25 ng/ml



#8 Heptachlor epoxide

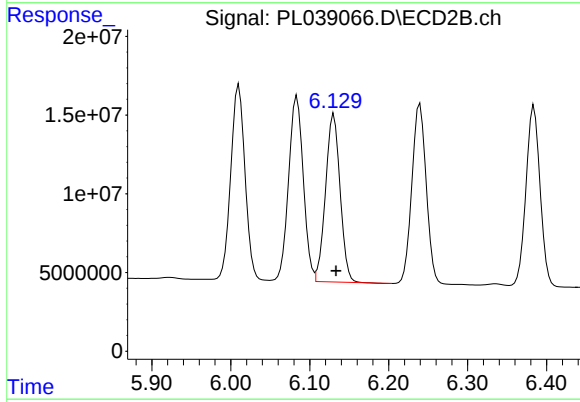
R.T.: 5.778 min  
Delta R.T.: -0.003 min  
Response: 155979558  
Conc: 54.89 ng/ml



#9 Endosulfan I

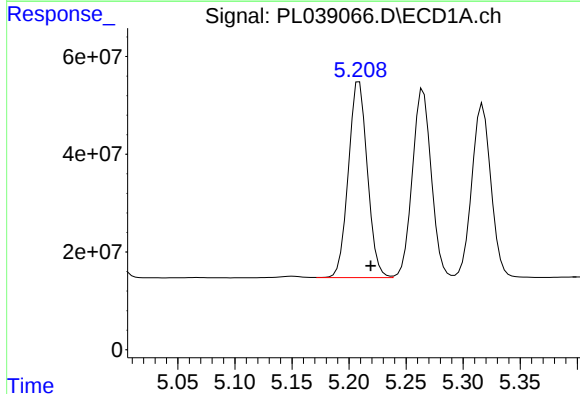
R.T.: 5.317 min  
Delta R.T.: -0.010 min  
Response: 414181876  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



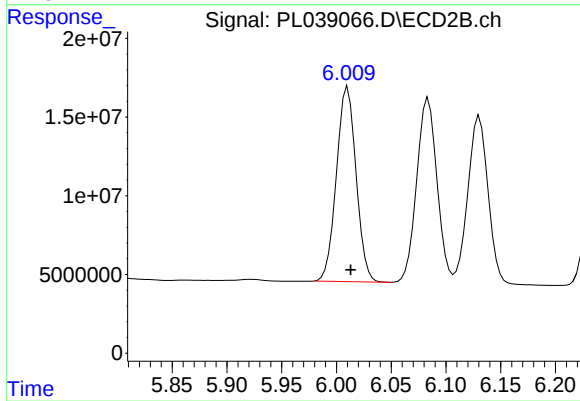
#9 Endosulfan I

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 137069256  
Conc: 53.30 ng/ml



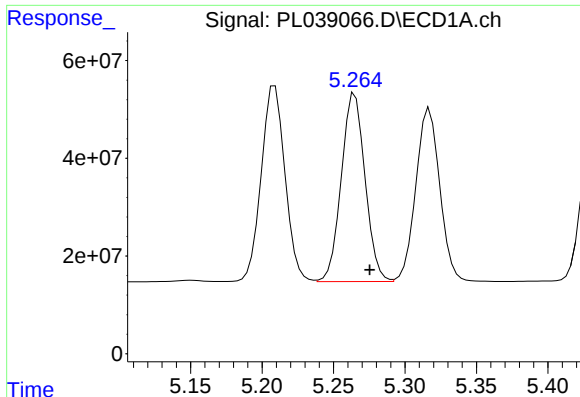
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 464193775  
Conc: 46.96 ng/ml



#10 gamma-Chlordane

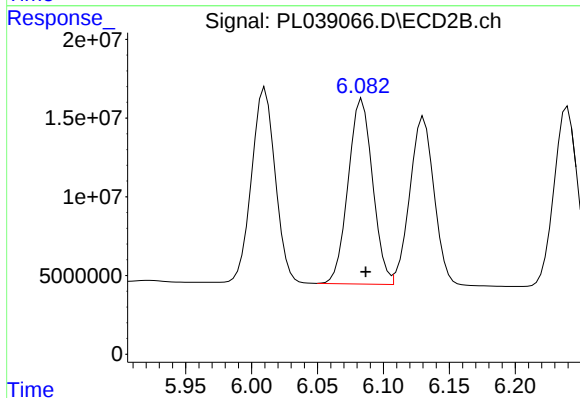
R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 154419019  
Conc: 53.26 ng/ml



#11 alpha-Chlordane

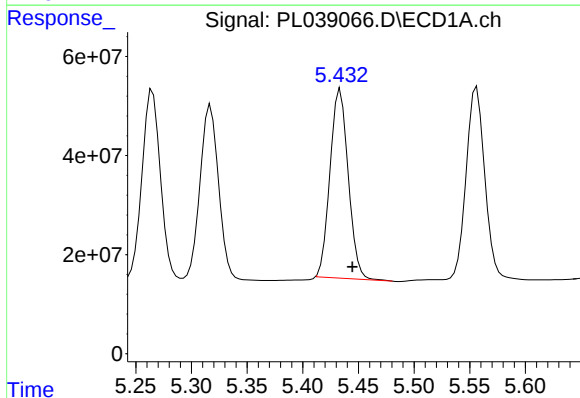
R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 445813528  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



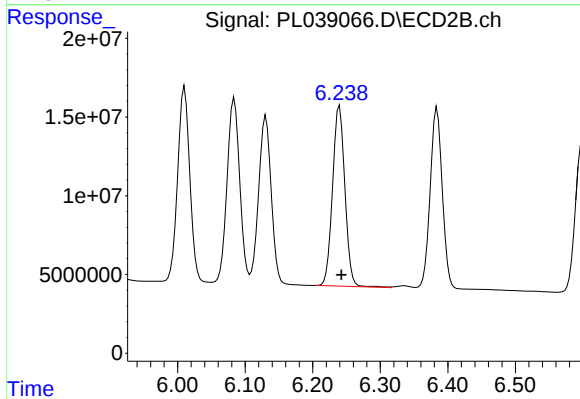
#11 alpha-Chlordane

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 151975303  
Conc: 53.02 ng/ml



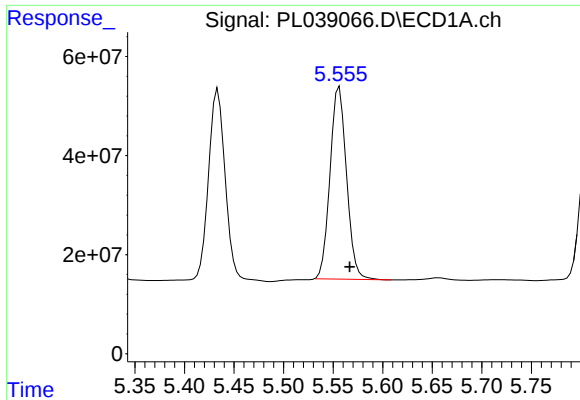
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: -0.011 min  
Response: 433896666  
Conc: 45.25 ng/ml



#12 4,4'-DDE

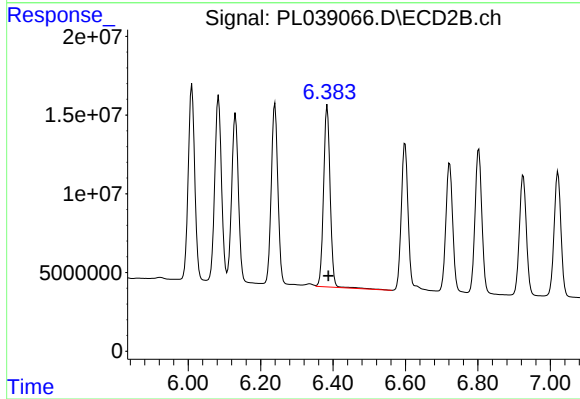
R.T.: 6.240 min  
Delta R.T.: -0.003 min  
Response: 146407848  
Conc: 54.75 ng/ml



#13 Dieldrin

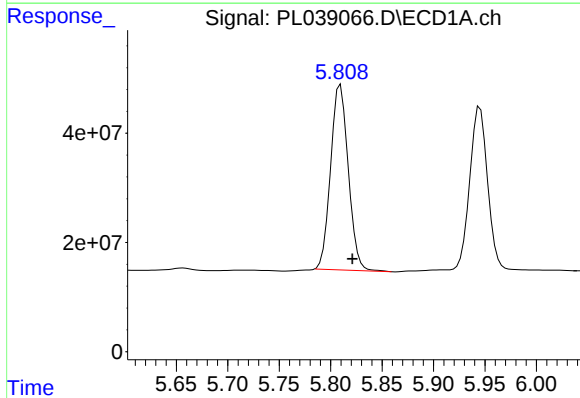
R.T.: 5.556 min  
Delta R.T.: -0.011 min  
Response: 449203612  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



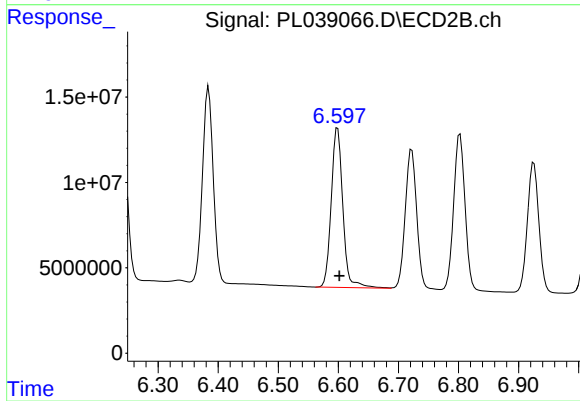
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 145875222  
Conc: 53.60 ng/ml



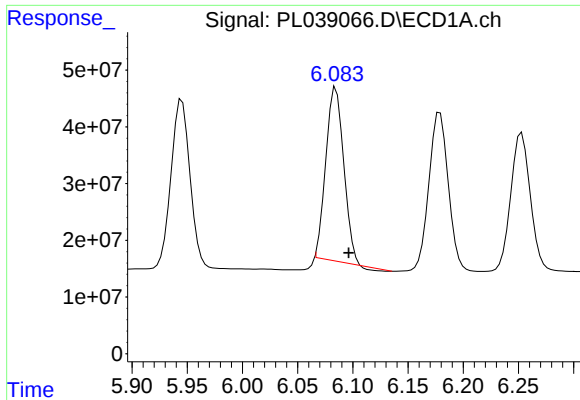
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.012 min  
Response: 404242360  
Conc: 46.53 ng/ml



#14 Endrin

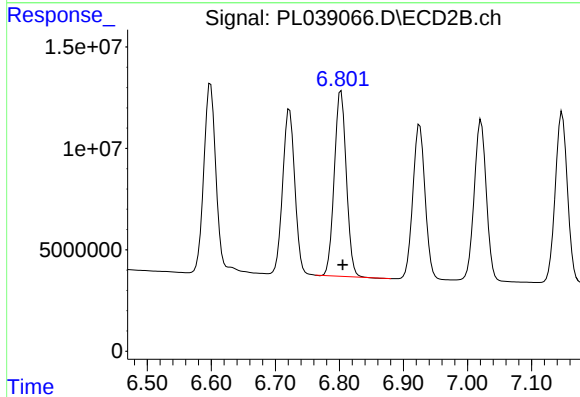
R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 126101624  
Conc: 52.80 ng/ml



#15 Endosulfan II

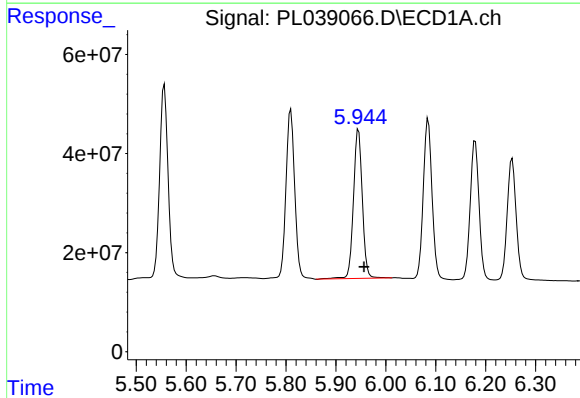
R.T.: 6.085 min  
Delta R.T.: -0.011 min  
Response: 342560102  
Conc: 43.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



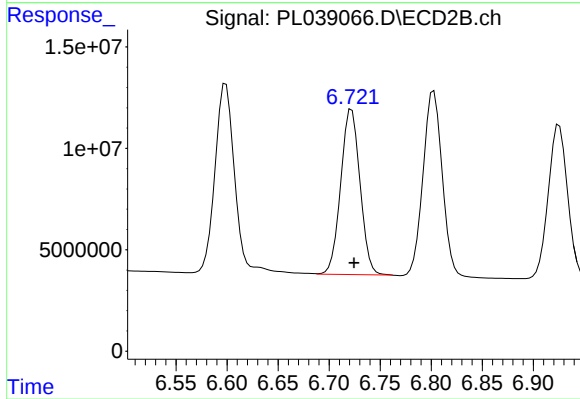
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.003 min  
Response: 118934066  
Conc: 49.53 ng/ml



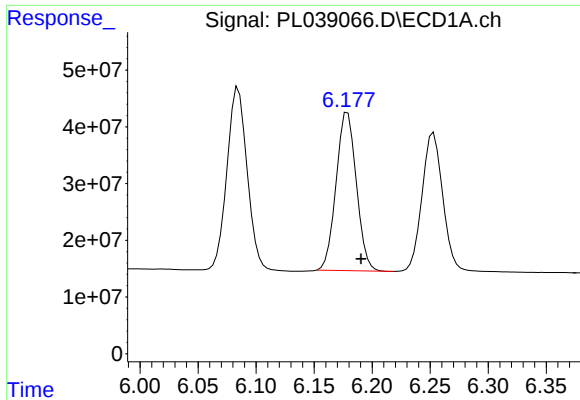
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: -0.011 min  
Response: 371715804  
Conc: 50.67 ng/ml



#16 4,4'-DDD

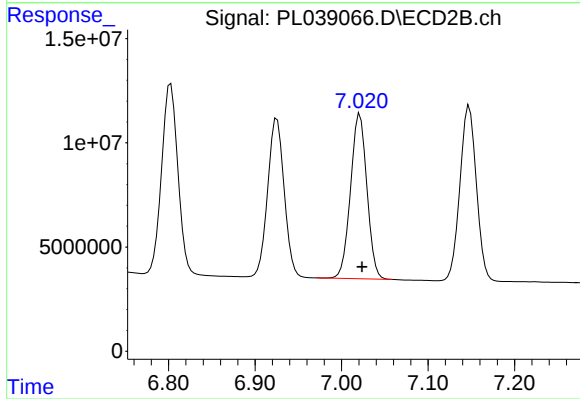
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 107226447  
Conc: 50.10 ng/ml



#17 4,4'-DDT

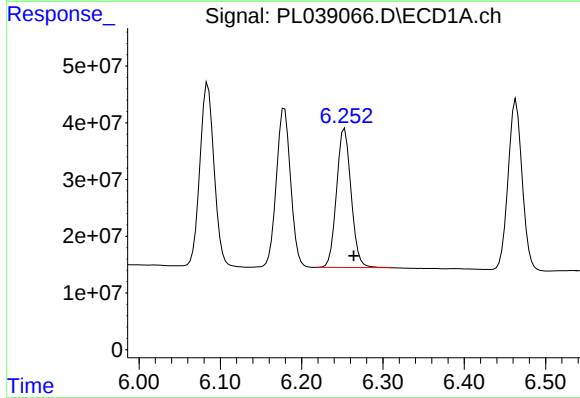
R.T.: 6.179 min  
Delta R.T.: -0.012 min  
Response: 339664890  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



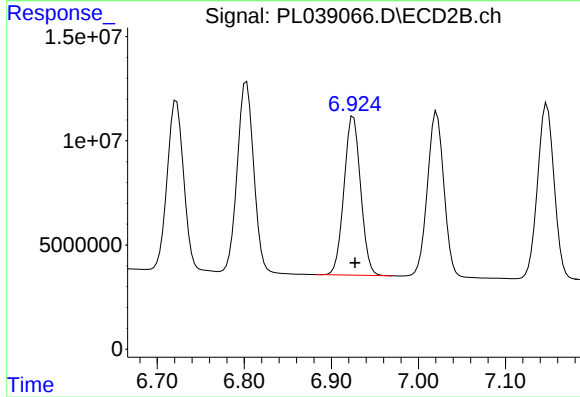
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 104022477  
Conc: 48.79 ng/ml



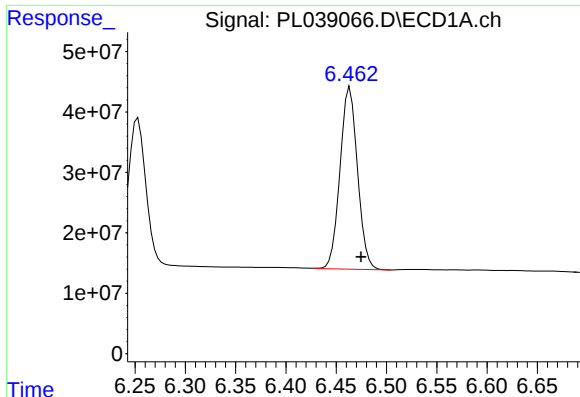
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.011 min  
Response: 304539608  
Conc: 47.83 ng/ml



#18 Endrin aldehyde

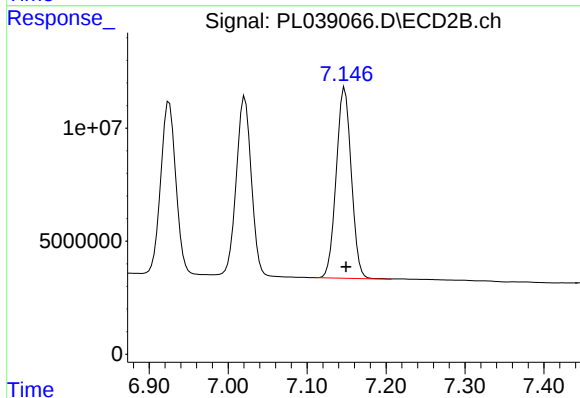
R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 101162291  
Conc: 51.84 ng/ml



#19 Endosulfan Sulfate

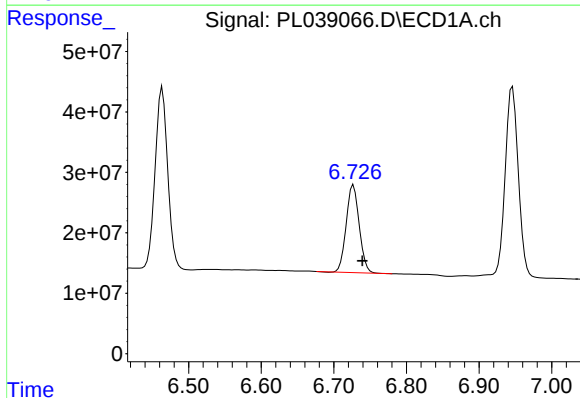
R.T.: 6.464 min  
Delta R.T.: -0.011 min  
Response: 364019411  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



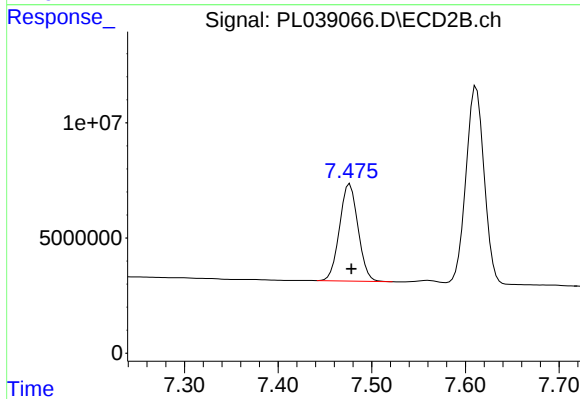
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 111978159  
Conc: 51.37 ng/ml



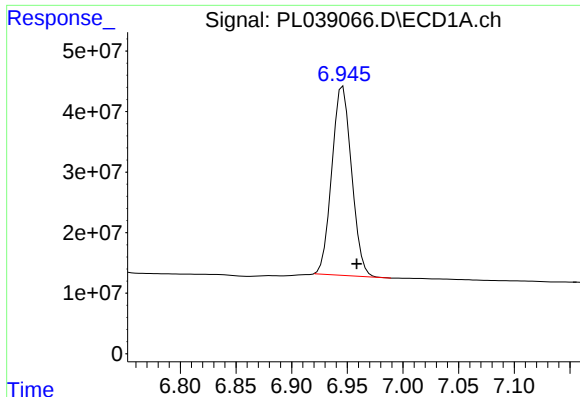
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.013 min  
Response: 180527950  
Conc: 46.92 ng/ml



#20 Methoxychlor

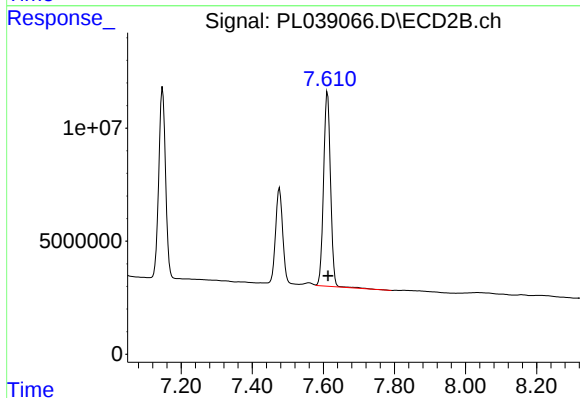
R.T.: 7.477 min  
Delta R.T.: -0.002 min  
Response: 57784098  
Conc: 50.75 ng/ml



#21 Endrin ketone

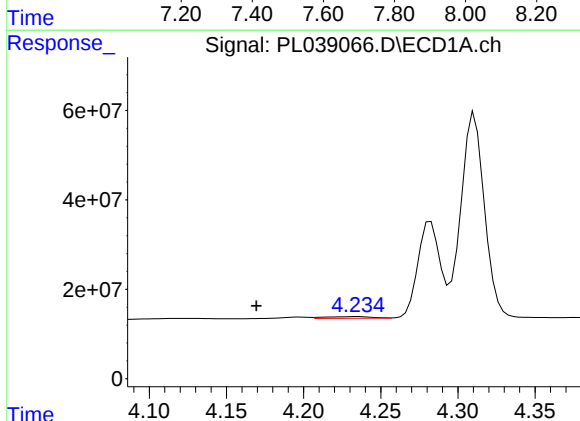
R.T.: 6.946 min  
Delta R.T.: -0.012 min  
Response: 384326011  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



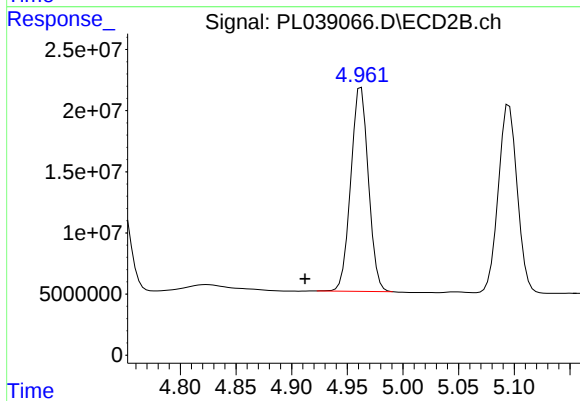
#21 Endrin ketone

R.T.: 7.612 min  
Delta R.T.: -0.002 min  
Response: 117005874  
Conc: 49.09 ng/ml



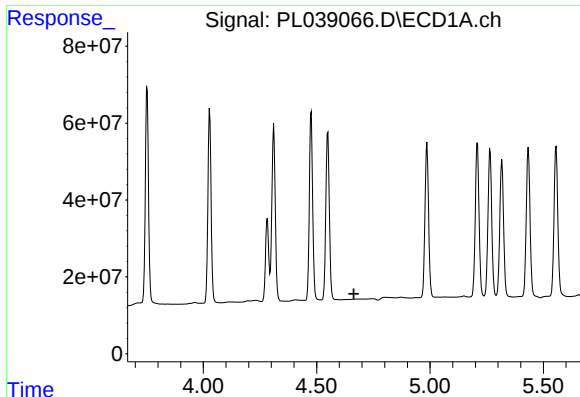
#23 Chlordane-1

R.T.: 4.235 min  
Delta R.T.: 0.066 min  
Response: 8101674  
Conc: 23.40 ng/ml



#23 Chlordane-1

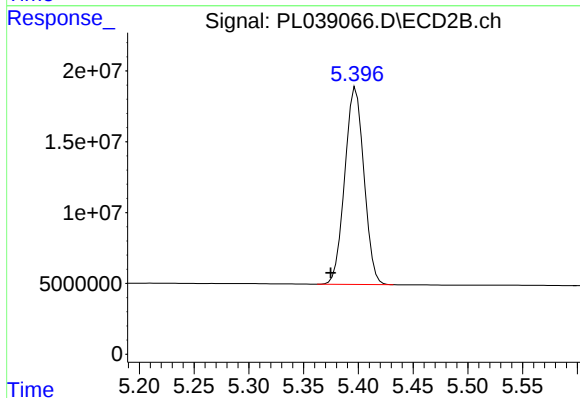
R.T.: 4.962 min  
Delta R.T.: 0.050 min  
Response: 183974015  
Conc: 1587.56 ng/ml



#24 Chlordane-2

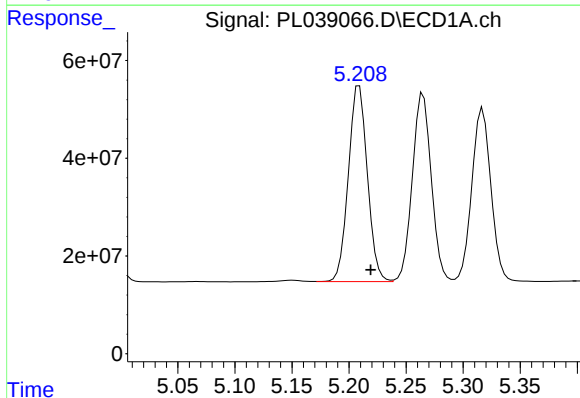
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



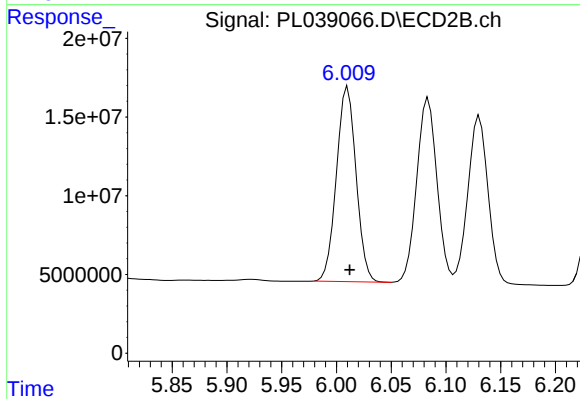
#24 Chlordane-2

R.T.: 5.398 min  
Delta R.T.: 0.023 min  
Response: 169537017  
Conc: 1415.76 ng/ml



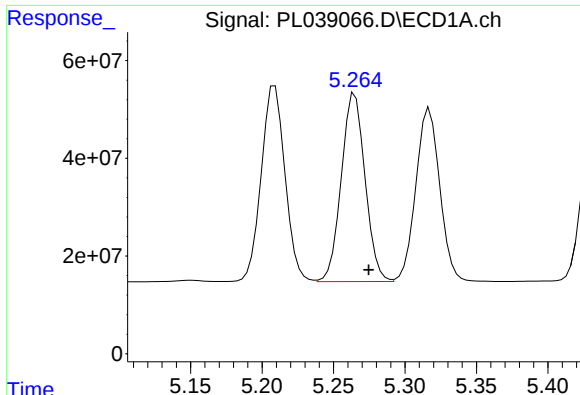
#25 Chlordane-3

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 464193775  
Conc: 399.02 ng/ml



#25 Chlordane-3

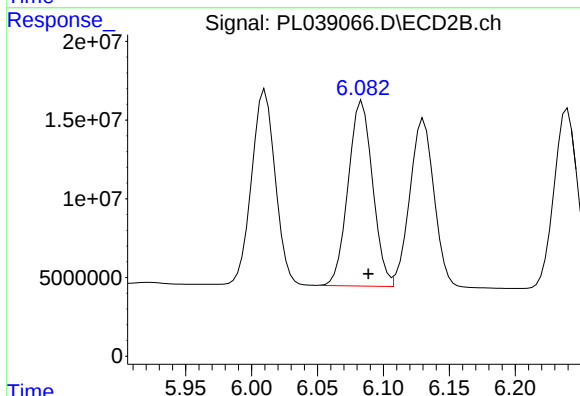
R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 154419019  
Conc: 378.57 ng/ml



#26 Chlordane-4

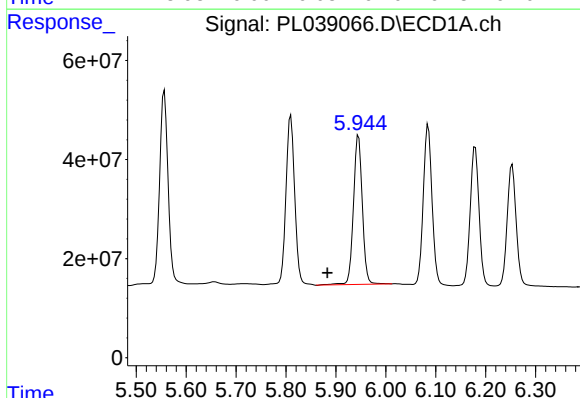
R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 445813528  
Conc: 424.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



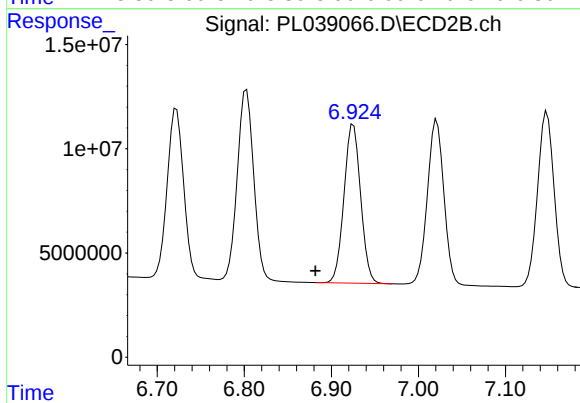
#26 Chlordane-4

R.T.: 6.084 min  
Delta R.T.: -0.005 min  
Response: 151975303  
Conc: 309.32 ng/ml



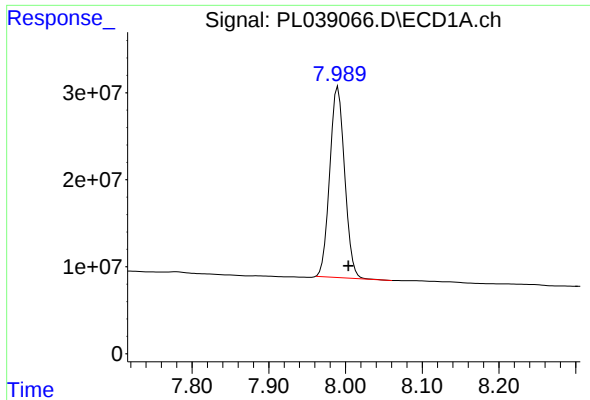
#27 Chlordane-5

R.T.: 5.945 min  
Delta R.T.: 0.062 min  
Response: 371715804  
Conc: 2321.29 ng/ml



#27 Chlordane-5

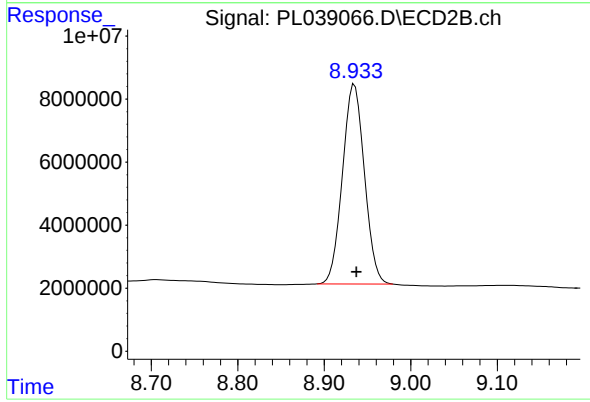
R.T.: 6.925 min  
Delta R.T.: 0.044 min  
Response: 101162291  
Conc: 1129.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.013 min  
Response: 295423369  
Conc: 38.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 111407663  
Conc: 45.58 ng/ml