

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082118\  
 Data File : PL039377.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2018 23:29  
 Operator : AJ\SJ  
 Sample : PB112244BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 22 01:01:22 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... | 3.305 | 3.907 | 122.0E6 | 51664869 | 17.455   | 19.271     |
| 28)                         | SA Decachlor... | 7.961 | 8.896 | 123.8E6 | 48813936 | 17.631   | 21.035     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.732 | 4.285 | 498.2E6 | 196.7E6  | 42.148   | 46.721     |
| 3)                          | MA gamma-BHC... | 4.008 | 4.563 | 453.2E6 | 178.8E6  | 42.727   | 44.405     |
| 4)                          | MA Heptachlor   | 4.290 | 5.071 | 446.2E6 | 179.4E6  | 42.383   | 50.182     |
| 5)                          | MB Aldrin       | 4.527 | 5.372 | 433.3E6 | 167.8E6  | 43.259   | 47.411     |
| 6)                          | B beta-BHC      | 4.263 | 4.726 | 195.2E6 | 81647643 | 42.020   | 46.615     |
| 7)                          | B delta-BHC     | 4.455 | 4.939 | 465.0E6 | 182.9E6  | 42.844   | 45.944     |
| 8)                          | B Heptachlo...  | 4.963 | 5.751 | 412.3E6 | 156.0E6  | 43.177   | 46.393     |
| 9)                          | A Endosulfan I  | 5.292 | 6.102 | 381.2E6 | 137.4E6  | 43.539   | 46.847     |
| 10)                         | B gamma-Chl...  | 5.184 | 5.983 | 424.6E6 | 152.7E6  | 42.985   | 47.171     |
| 11)                         | B alpha-Chl...  | 5.241 | 6.056 | 409.8E6 | 152.1E6  | 42.659   | 47.024     |
| 12)                         | B 4,4'-DDE      | 5.409 | 6.212 | 410.5E6 | 147.3E6  | 42.871   | 47.647     |
| 13)                         | MA Dieldrin     | 5.531 | 6.356 | 421.9E6 | 143.0E6  | 43.265   | 47.216     |
| 14)                         | MA Endrin       | 5.784 | 6.569 | 368.5E6 | 115.0E6  | 41.173   | 44.707     |
| 15)                         | B Endosulfa...  | 6.059 | 6.773 | 367.5E6 | 120.0E6  | 42.269   | 46.731     |
| 16)                         | A 4,4'-DDD      | 5.920 | 6.694 | 337.3E6 | 109.1E6  | 42.320   | 48.736     |
| 17)                         | MA 4,4'-DDT     | 6.153 | 6.992 | 314.7E6 | 103.4E6  | 41.512   | 43.908     |
| 18)                         | B Endrin al...  | 6.226 | 6.896 | 291.2E6 | 103.2E6  | 42.975   | 47.520     |
| 19)                         | B Endosulfa...  | 6.437 | 7.118 | 342.5E6 | 111.9E6  | 42.099   | 46.680     |
| 20)                         | A Methoxychlor  | 6.701 | 7.447 | 169.2E6 | 55846771 | 41.349   | 45.091     |
| 21)                         | B Endrin ke...  | 6.919 | 7.580 | 378.3E6 | 113.9E6  | 43.957   | 46.112     |
| 23)                         | Chlordane-1     | 0.000 | 4.939 | 0       | 182.9E6  | N.D.     | 1464.183 # |
| 24)                         | Chlordane-2     | 0.000 | 5.372 | 0       | 167.8E6  | N.D.     | 1325.070 # |
| 25)                         | Chlordane-3     | 5.184 | 5.983 | 424.6E6 | 152.7E6  | 388.689  | 354.735    |
| 26)                         | Chlordane-4     | 5.241 | 6.056 | 409.8E6 | 152.1E6  | 410.104  | 293.271 #  |
| 27)                         | Chlordane-5     | 6.059 | 6.896 | 367.5E6 | 103.2E6  | 1133.225 | 1115.429   |
| -----                       |                 |       |       |         |          |          |            |

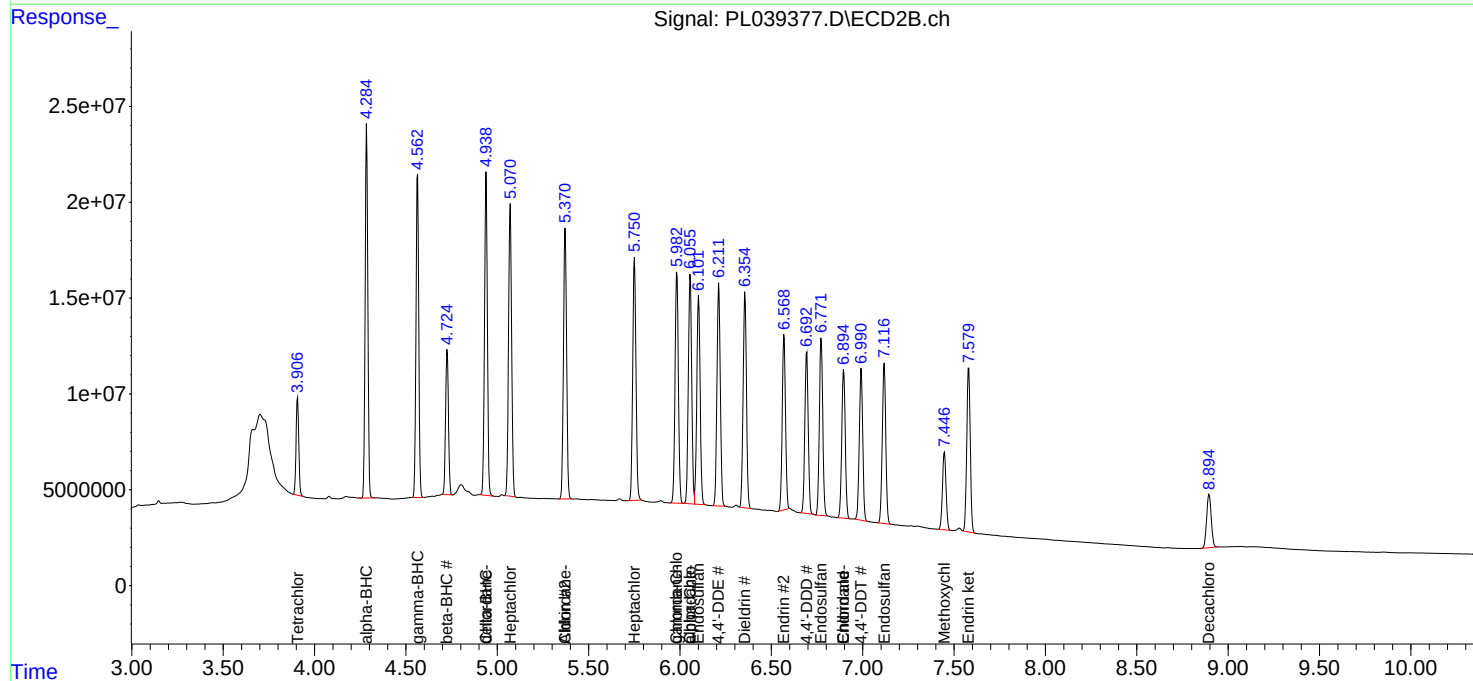
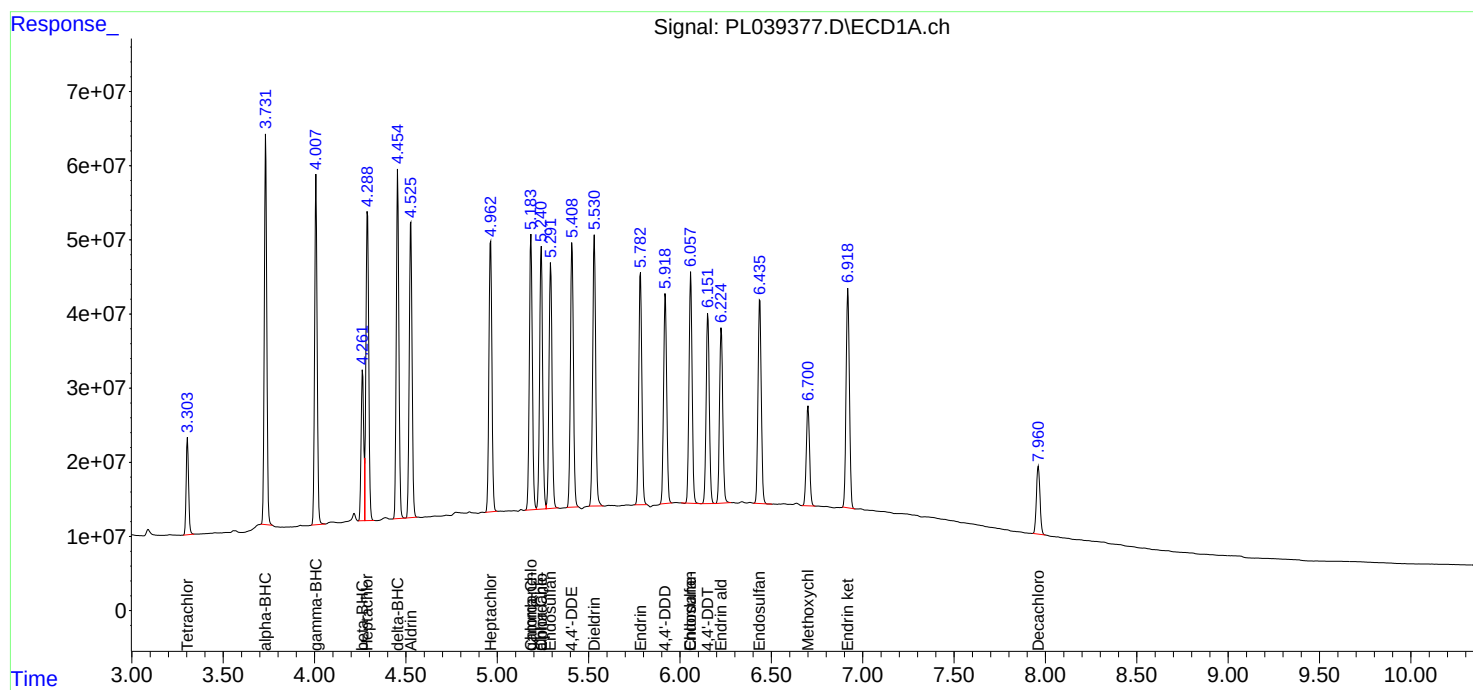
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

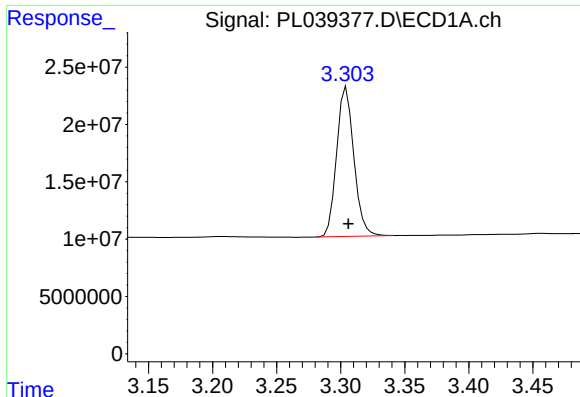
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082118\  
Data File : PL039377.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2018 23:29  
Operator : AJ\SJ  
Sample : PB112244BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 22 01:01:22 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

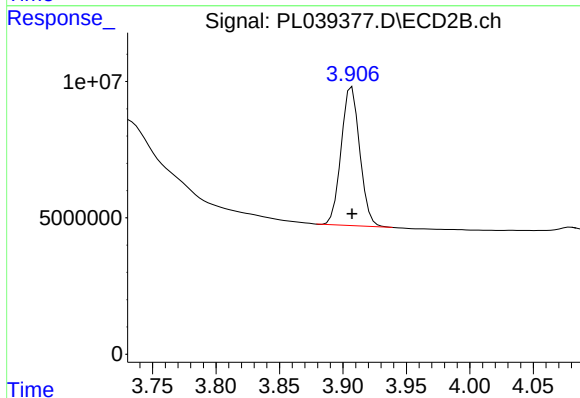




#1 Tetrachloro-m-xylene

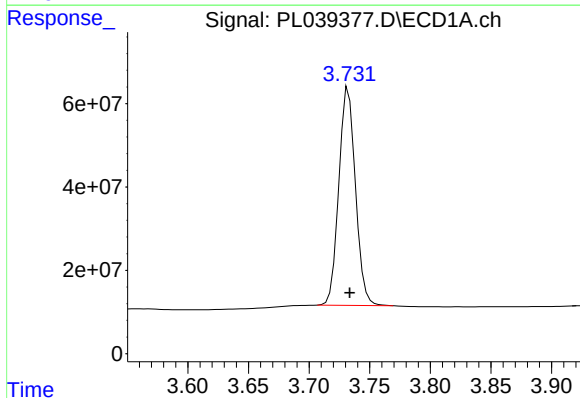
R.T.: 3.305 min  
Delta R.T.: -0.001 min  
Response: 122014825  
Conc: 17.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



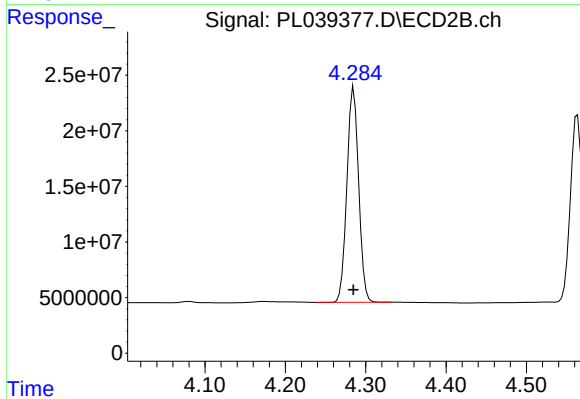
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 51664869  
Conc: 19.27 ng/ml



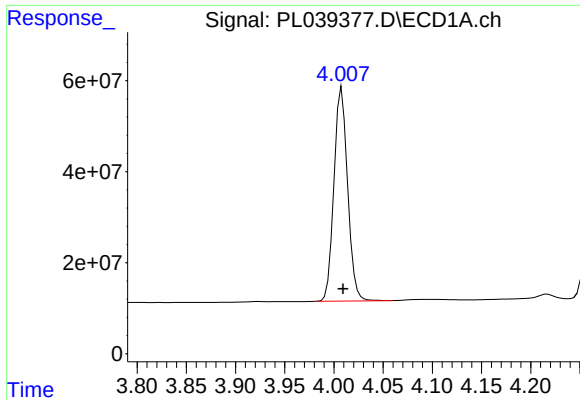
#2 alpha-BHC

R.T.: 3.732 min  
Delta R.T.: -0.001 min  
Response: 498200975  
Conc: 42.15 ng/ml



#2 alpha-BHC

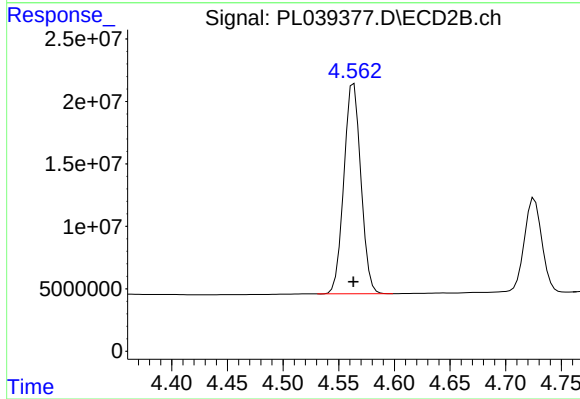
R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 196741814  
Conc: 46.72 ng/ml



#3 gamma-BHC (Lindane)

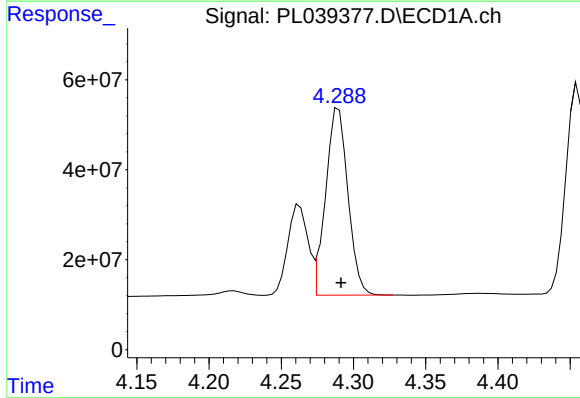
R.T.: 4.008 min  
Delta R.T.: -0.001 min  
Response: 453188112  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



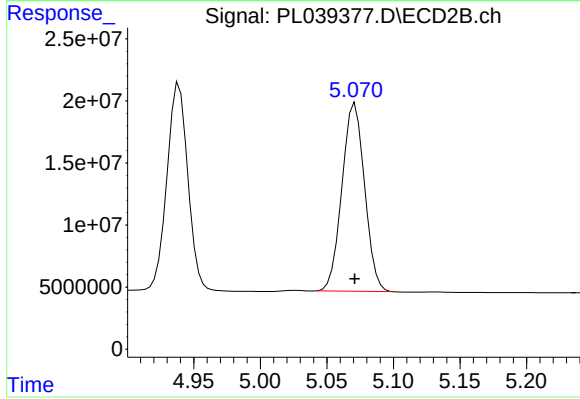
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 178796695  
Conc: 44.40 ng/ml



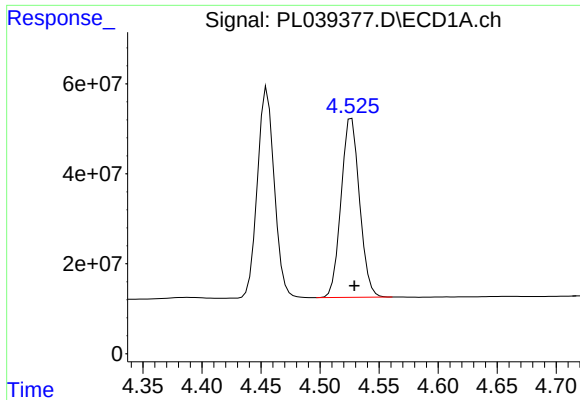
#4 Heptachlor

R.T.: 4.290 min  
Delta R.T.: -0.002 min  
Response: 446173587  
Conc: 42.38 ng/ml



#4 Heptachlor

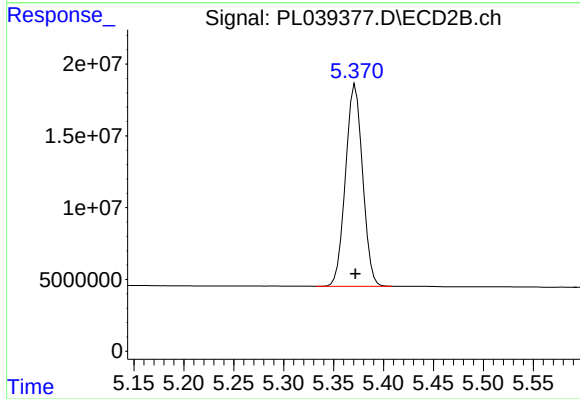
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 179441851  
Conc: 50.18 ng/ml



#5 Aldrin

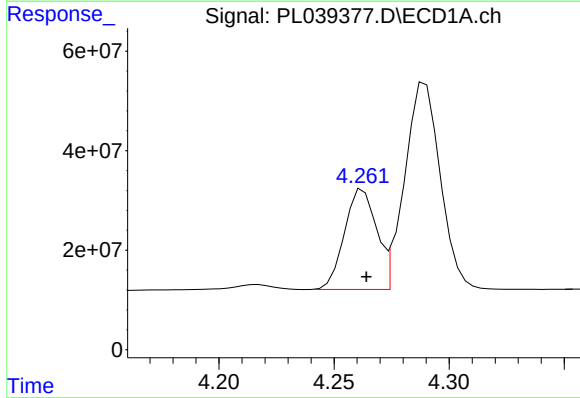
R.T.: 4.527 min  
Delta R.T.: -0.002 min  
Response: 433278851  
Conc: 43.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



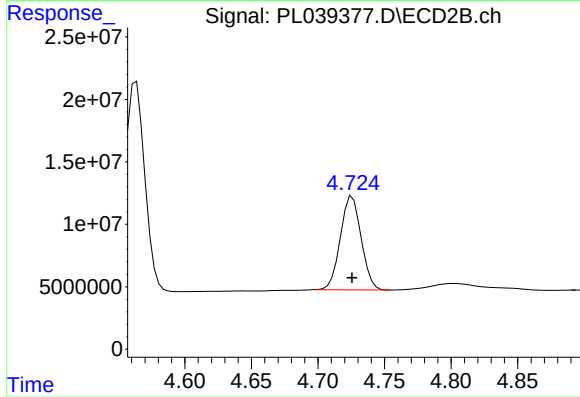
#5 Aldrin

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 167839860  
Conc: 47.41 ng/ml



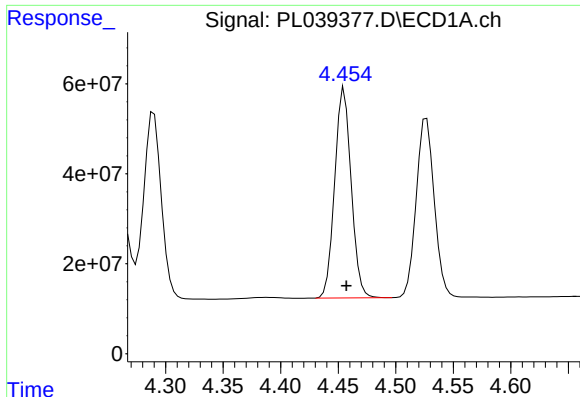
#6 beta-BHC

R.T.: 4.263 min  
Delta R.T.: -0.001 min  
Response: 195207460  
Conc: 42.02 ng/ml



#6 beta-BHC

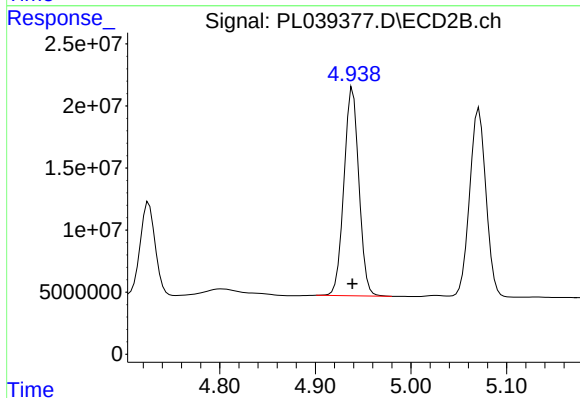
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 81647643  
Conc: 46.61 ng/ml



#7 delta-BHC

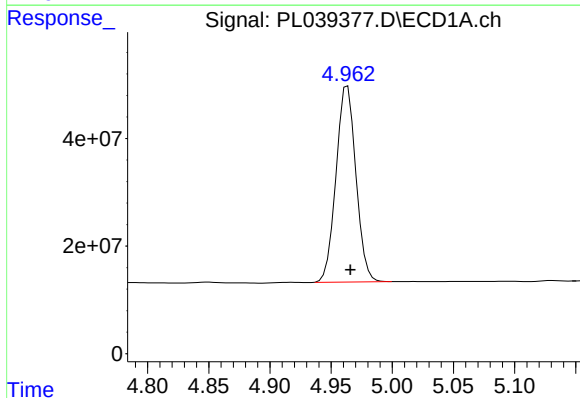
R.T.: 4.455 min  
Delta R.T.: -0.002 min  
Response: 465044114  
Conc: 42.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



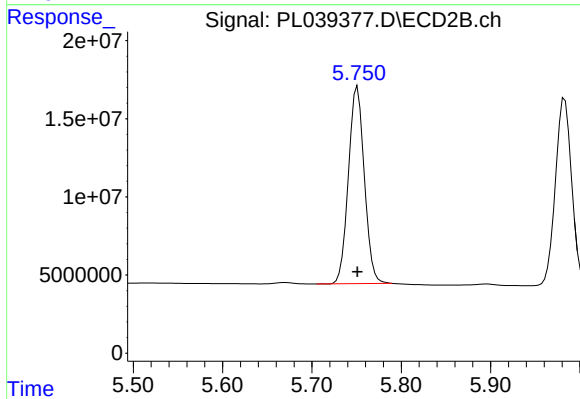
#7 delta-BHC

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 182927437  
Conc: 45.94 ng/ml



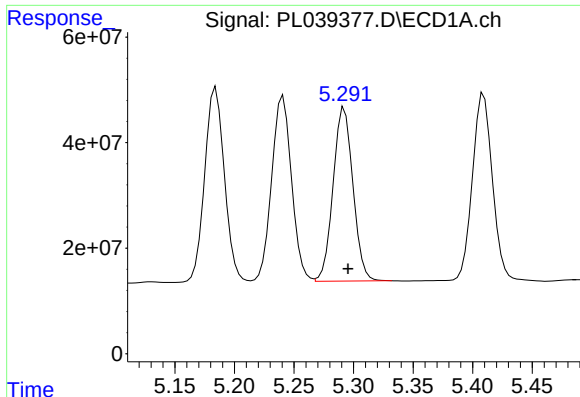
#8 Heptachlor epoxide

R.T.: 4.963 min  
Delta R.T.: -0.002 min  
Response: 412312127  
Conc: 43.18 ng/ml



#8 Heptachlor epoxide

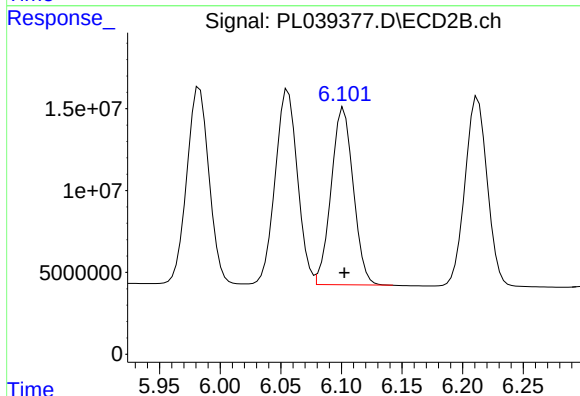
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 156021622  
Conc: 46.39 ng/ml



#9 Endosulfan I

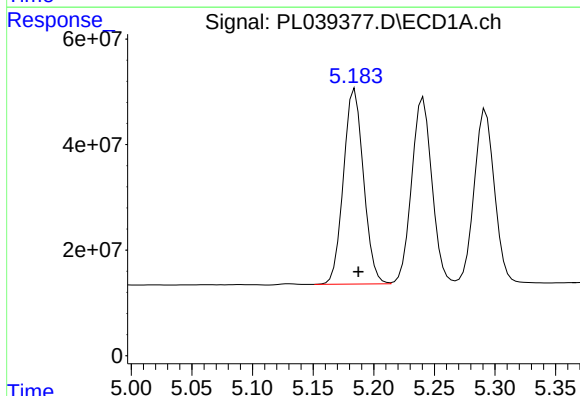
R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 381234670  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



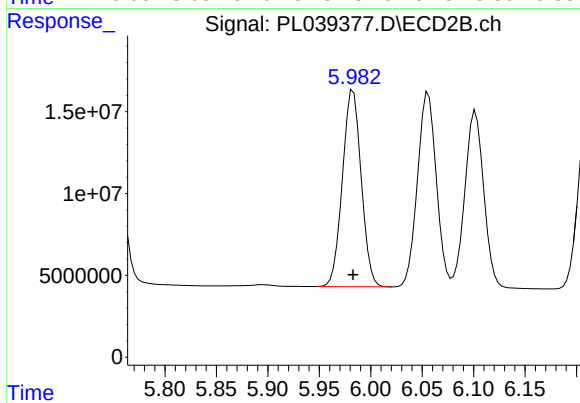
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 137428413  
Conc: 46.85 ng/ml



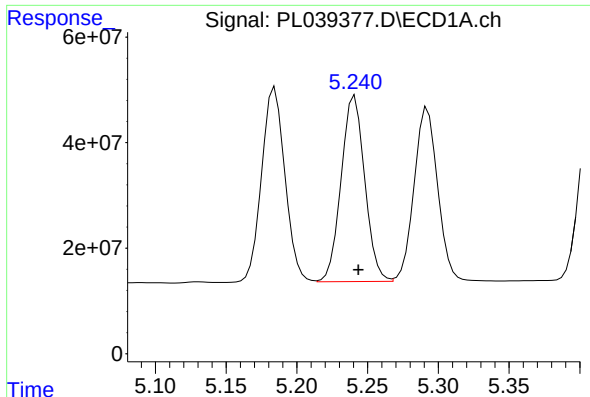
#10 gamma-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 424550704  
Conc: 42.99 ng/ml



#10 gamma-Chlordane

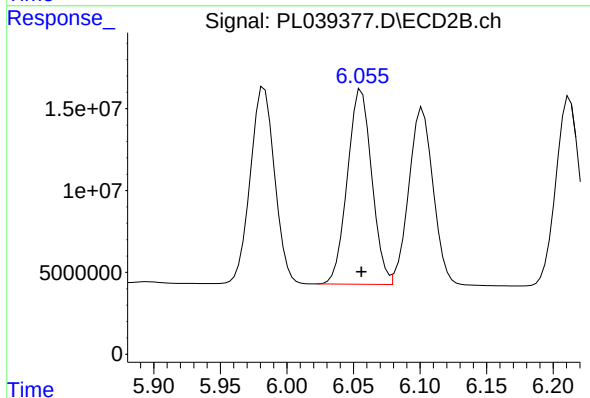
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 152666372  
Conc: 47.17 ng/ml



#11 alpha-Chlordane

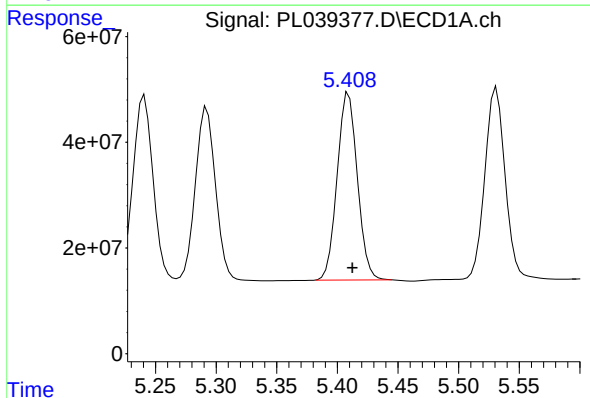
R.T.: 5.241 min  
Delta R.T.: -0.003 min  
Response: 409837900  
Conc: 42.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



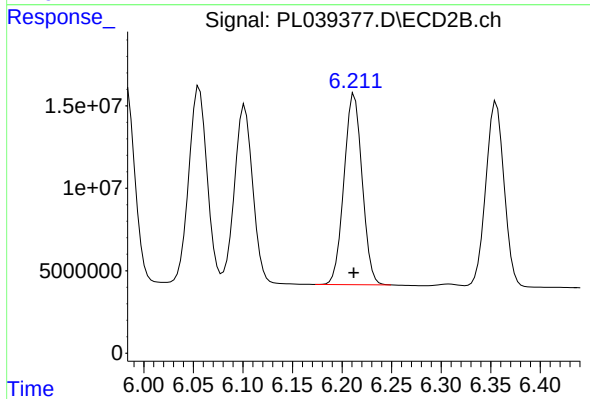
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 152125200  
Conc: 47.02 ng/ml



#12 4,4'-DDE

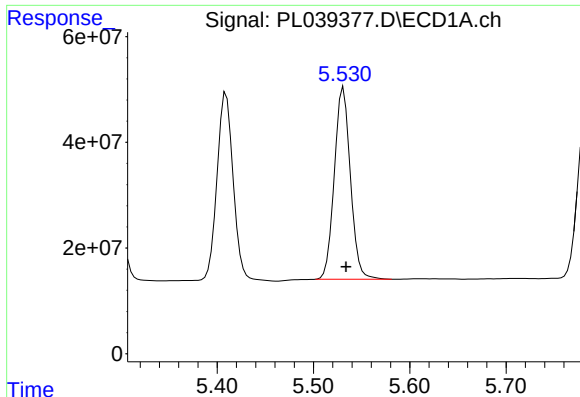
R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 410530784  
Conc: 42.87 ng/ml



#12 4,4'-DDE

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 147325001  
Conc: 47.65 ng/ml

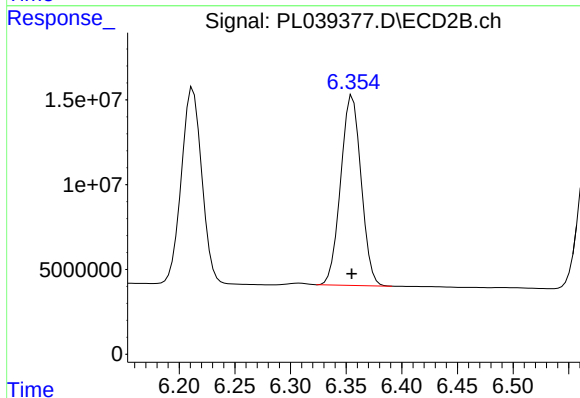




#13 Dieldrin

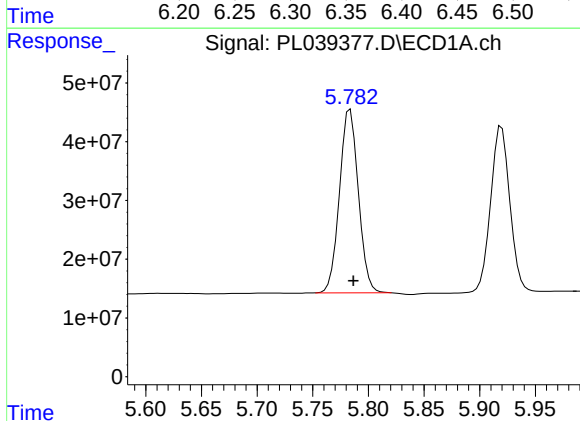
R.T.: 5.531 min  
Delta R.T.: -0.003 min  
Response: 421905328  
Conc: 43.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



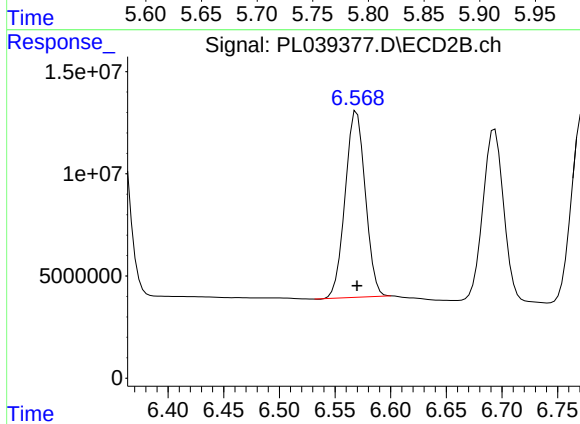
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 143033146  
Conc: 47.22 ng/ml



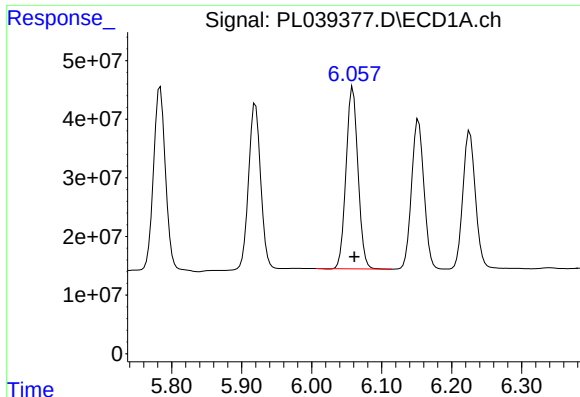
#14 Endrin

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 368536912  
Conc: 41.17 ng/ml



#14 Endrin

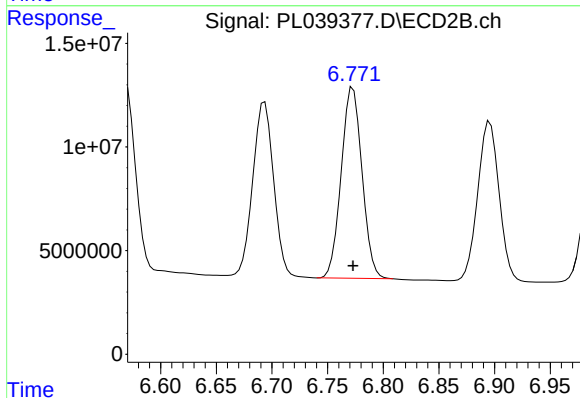
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 114952042  
Conc: 44.71 ng/ml



#15 Endosulfan II

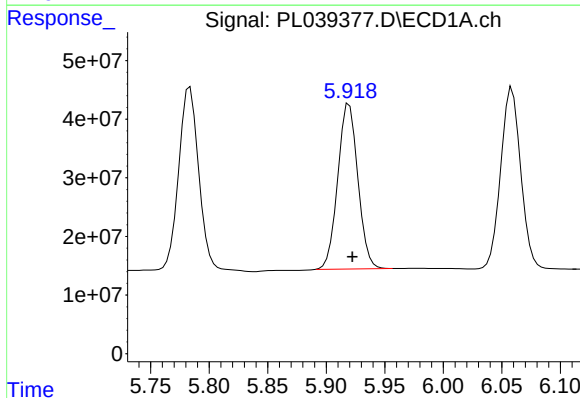
R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 367538744  
Conc: 42.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



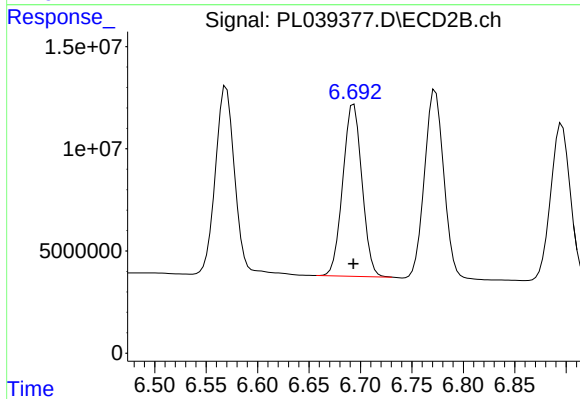
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 120031360  
Conc: 46.73 ng/ml



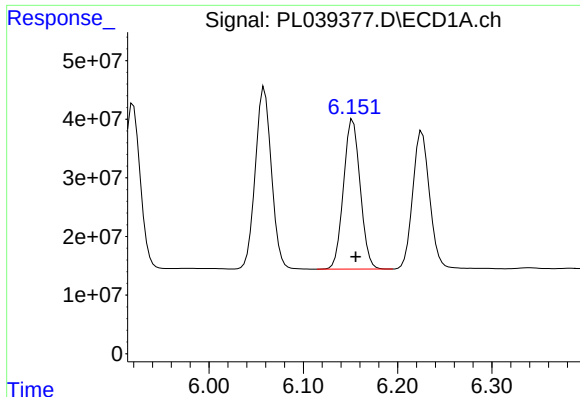
#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: -0.003 min  
Response: 337256111  
Conc: 42.32 ng/ml



#16 4,4'-DDD

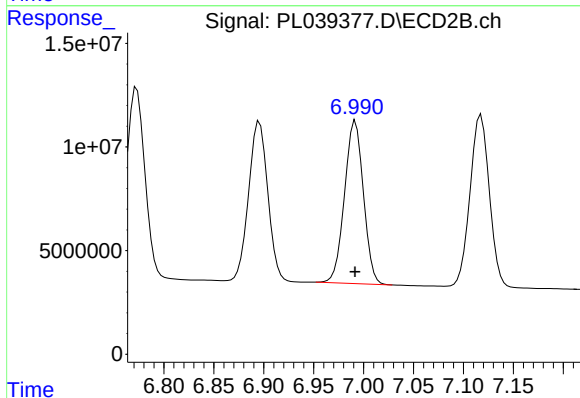
R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 109141042  
Conc: 48.74 ng/ml



#17 4,4'-DDT

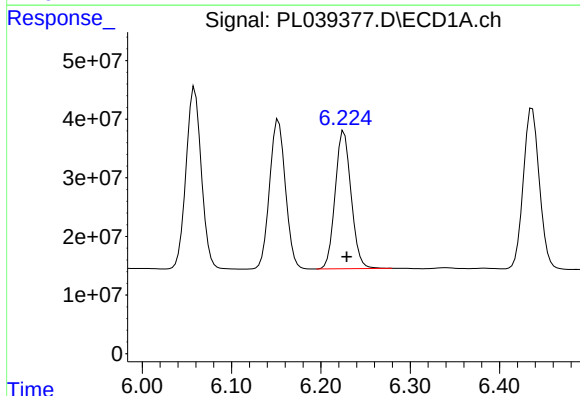
R.T.: 6.153 min  
Delta R.T.: -0.003 min  
Response: 314686055  
Conc: 41.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



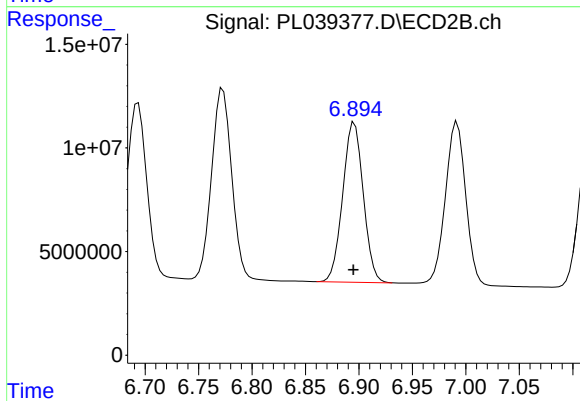
#17 4,4'-DDT

R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 103357733  
Conc: 43.91 ng/ml



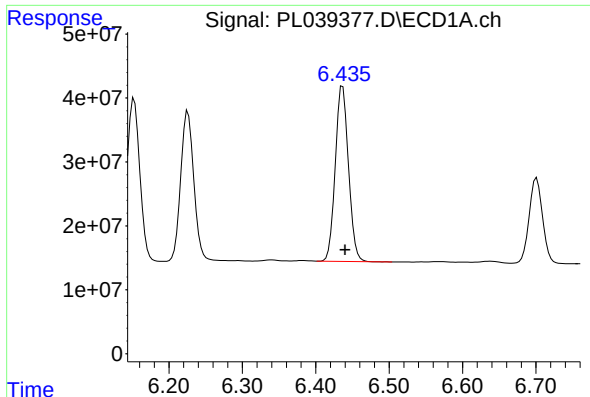
#18 Endrin aldehyde

R.T.: 6.226 min  
Delta R.T.: -0.003 min  
Response: 291238000  
Conc: 42.98 ng/ml



#18 Endrin aldehyde

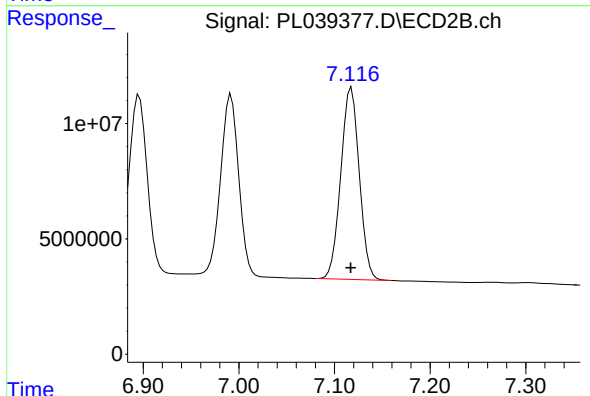
R.T.: 6.896 min  
Delta R.T.: 0.000 min  
Response: 103181390  
Conc: 47.52 ng/ml



#19 Endosulfan Sulfate

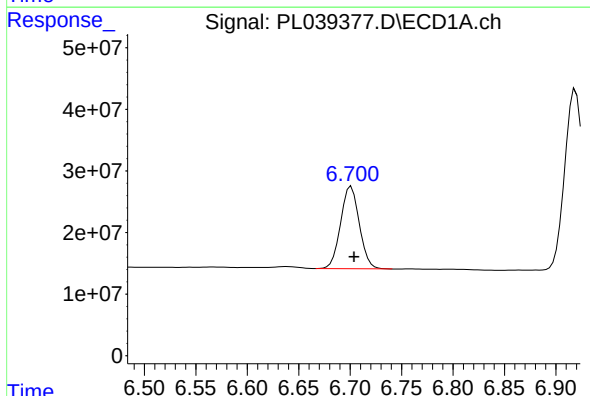
R.T.: 6.437 min  
Delta R.T.: -0.003 min  
Response: 342549650  
Conc: 42.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



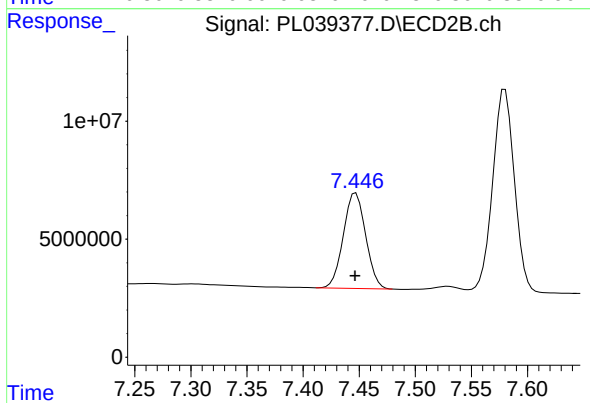
#19 Endosulfan Sulfate

R.T.: 7.118 min  
Delta R.T.: 0.000 min  
Response: 111905885  
Conc: 46.68 ng/ml



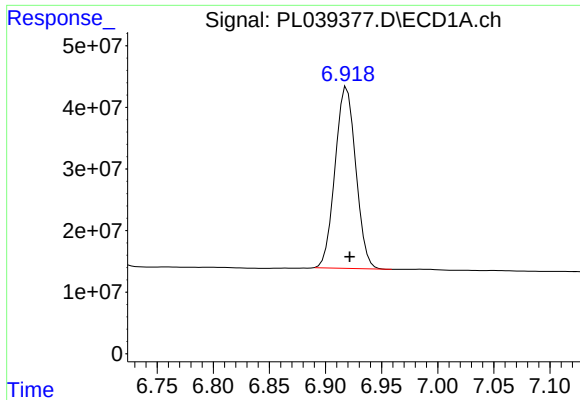
#20 Methoxychlor

R.T.: 6.701 min  
Delta R.T.: -0.003 min  
Response: 169209582  
Conc: 41.35 ng/ml



#20 Methoxychlor

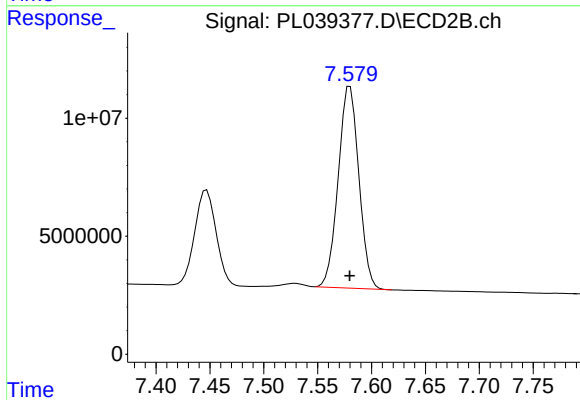
R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 55846771  
Conc: 45.09 ng/ml



#21 Endrin ketone

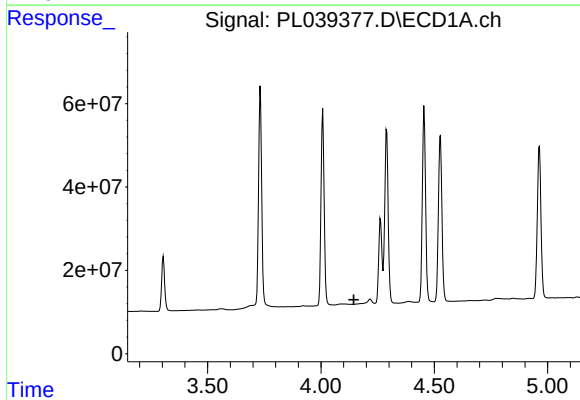
R.T.: 6.919 min  
Delta R.T.: -0.003 min  
Response: 378328570  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



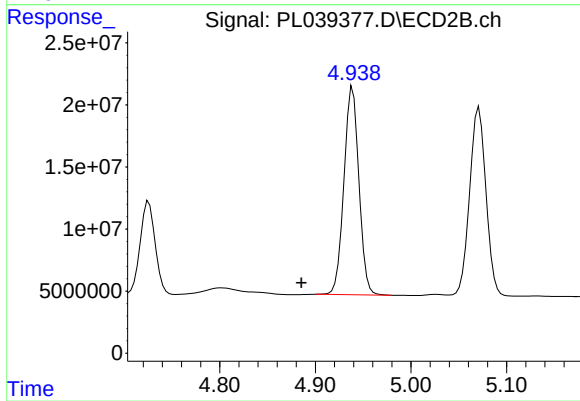
#21 Endrin ketone

R.T.: 7.580 min  
Delta R.T.: 0.000 min  
Response: 113941538  
Conc: 46.11 ng/ml



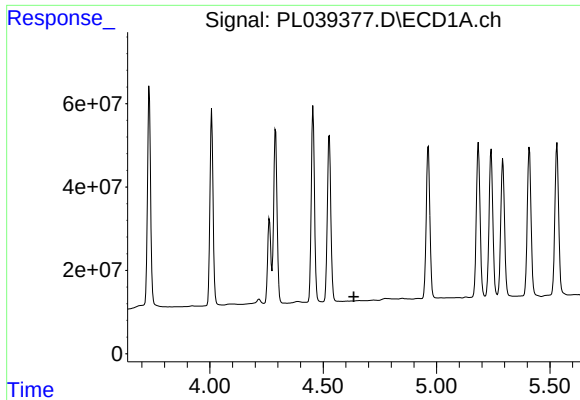
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.145 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

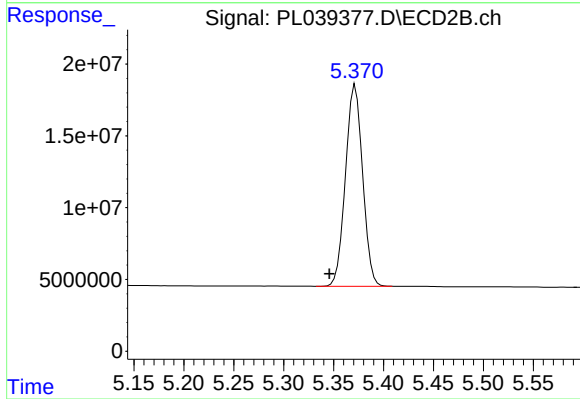
R.T.: 4.939 min  
Delta R.T.: 0.054 min  
Response: 182927437  
Conc: 1464.18 ng/ml



#24 Chlordane-2

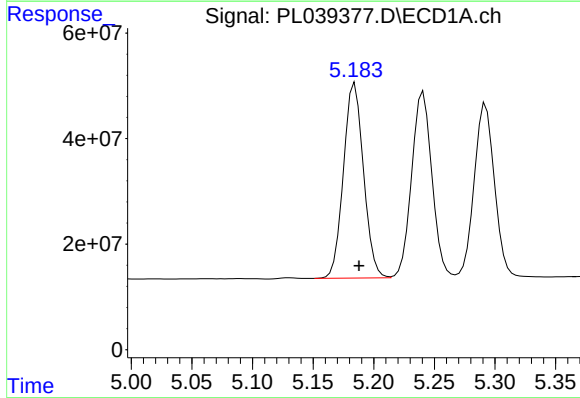
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



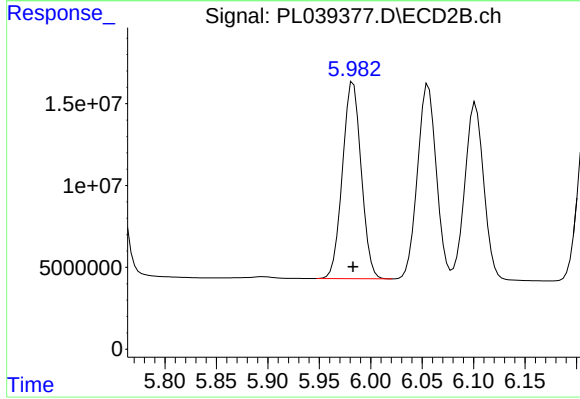
#24 Chlordane-2

R.T.: 5.372 min  
Delta R.T.: 0.026 min  
Response: 167839860  
Conc: 1325.07 ng/ml



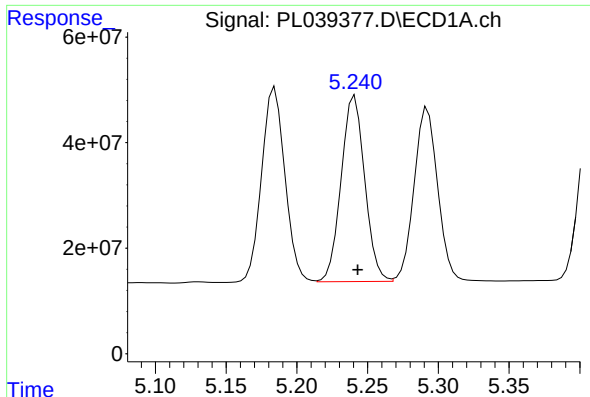
#25 Chlordane-3

R.T.: 5.184 min  
Delta R.T.: -0.004 min  
Response: 424550704  
Conc: 388.69 ng/ml



#25 Chlordane-3

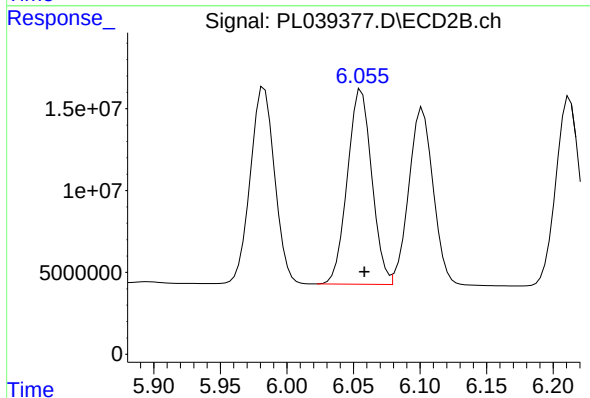
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 152666372  
Conc: 354.73 ng/ml



#26 Chlordane-4

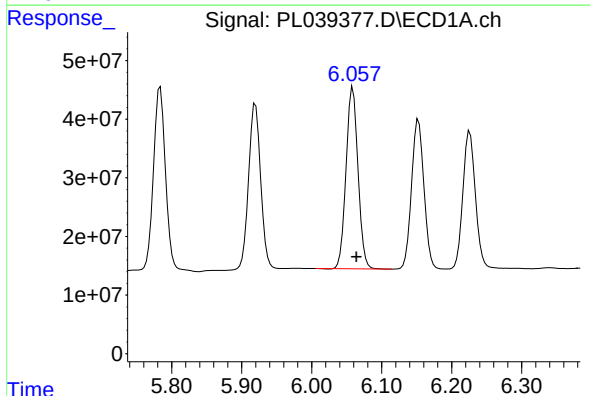
R.T.: 5.241 min  
Delta R.T.: -0.002 min  
Response: 409837900  
Conc: 410.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



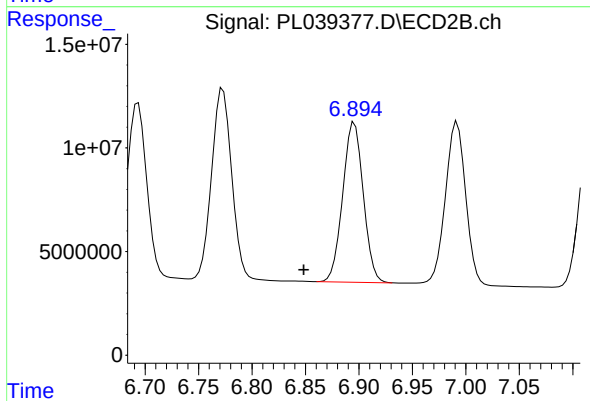
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.002 min  
Response: 152125200  
Conc: 293.27 ng/ml



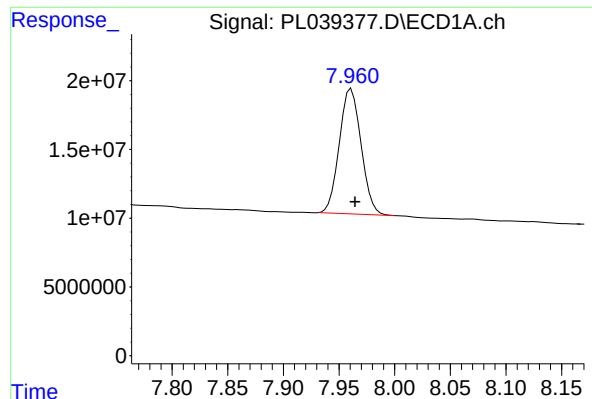
#27 Chlordane-5

R.T.: 6.059 min  
Delta R.T.: -0.005 min  
Response: 367538744  
Conc: 1133.23 ng/ml



#27 Chlordane-5

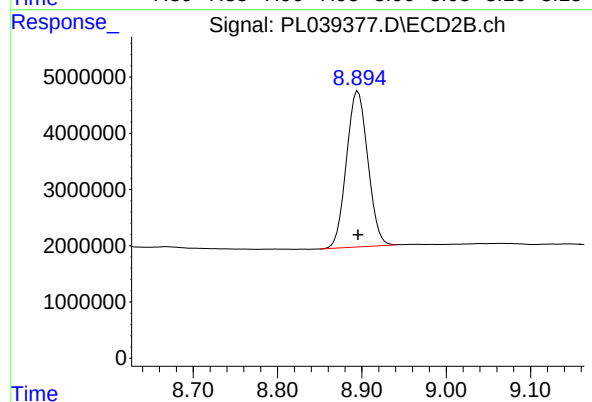
R.T.: 6.896 min  
Delta R.T.: 0.047 min  
Response: 103181390  
Conc: 1115.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.003 min  
Response: 123827593  
Conc: 17.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.896 min  
Delta R.T.: 0.000 min  
Response: 48813936  
Conc: 21.03 ng/ml