

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072618\  
 Data File : PL038651.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2018 10:15  
 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: Jul 27 10:29:20 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... | 3.325 | 3.928 | 353.5E6 | 135.4E6  | 47.467   | 51.580     |
| 2)                          | SA Decachlor... | 7.994 | 8.935 | 331.3E6 | 116.5E6  | 43.675   | 47.673     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.755 | 4.307 | 590.0E6 | 214.4E6  | 49.932   | 55.407     |
| 3)                          | MA gamma-BHC... | 4.031 | 4.587 | 526.5E6 | 192.7E6  | 50.219   | 53.351     |
| 4)                          | MA Heptachlor   | 4.314 | 5.097 | 526.5E6 | 190.4E6  | 49.493   | 59.577     |
| 5)                          | MB Aldrin       | 4.553 | 5.400 | 529.9E6 | 176.3E6  | 50.623   | 57.126     |
| 6)                          | B beta-BHC      | 4.285 | 4.749 | 239.8E6 | 87932415 | 50.796   | 57.969     |
| 7)                          | B delta-BHC     | 4.479 | 4.963 | 560.7E6 | 192.1E6  | 51.654   | 57.931     |
| 8)                          | B Heptachlo...  | 4.990 | 5.779 | 481.8E6 | 162.2E6  | 51.105   | 57.079     |
| 9)                          | A Endosulfan I  | 5.320 | 6.132 | 445.4E6 | 140.9E6  | 51.490   | 54.776     |
| 10)                         | B gamma-Chl...  | 5.212 | 6.012 | 509.7E6 | 157.4E6  | 51.572   | 54.287     |
| 11)                         | B alpha-Chl...  | 5.268 | 6.085 | 487.3E6 | 155.5E6  | 51.484   | 54.244     |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.241 | 498.8E6 | 147.1E6  | 52.024   | 55.018     |
| 13)                         | MA Dieldrin     | 5.560 | 6.386 | 461.7E6 | 147.4E6  | 48.042   | 54.161     |
| 14)                         | MA Endrin       | 5.813 | 6.600 | 438.5E6 | 126.3E6  | 50.469   | 52.893     |
| 15)                         | B Endosulfa...  | 6.088 | 6.804 | 412.1E6 | 126.8E6  | 51.965   | 52.811     |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.723 | 398.0E6 | 114.6E6  | 54.251   | 53.542     |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.022 | 344.6E6 | 103.5E6  | 46.385   | 48.545     |
| 18)                         | B Endrin al...  | 6.256 | 6.926 | 330.0E6 | 107.3E6  | 51.819   | 55.006     |
| 19)                         | B Endosulfa...  | 6.467 | 7.148 | 391.8E6 | 120.8E6  | 51.871   | 55.415     |
| 20)                         | A Methoxychlor  | 6.731 | 7.477 | 182.8E6 | 60364628 | 47.517   | 53.013     |
| 21)                         | B Endrin ke...  | 6.950 | 7.612 | 412.7E6 | 147.0E6  | 52.605   | 61.672     |
| 23)                         | Chlordane-1     | 4.199 | 4.963 | 6071920 | 192.1E6  | 17.536   | 1657.976 # |
| 24)                         | Chlordane-2     | 0.000 | 5.400 | 0       | 176.3E6  | N.D.     | 1472.258 # |
| 25)                         | Chlordane-3     | 5.212 | 6.012 | 509.7E6 | 157.4E6  | 438.167  | 385.851    |
| 26)                         | Chlordane-4     | 5.268 | 6.085 | 487.3E6 | 155.5E6  | 463.517  | 316.448 #  |
| 27)                         | Chlordane-5     | 5.948 | 6.926 | 398.0E6 | 107.3E6  | 2485.216 | 1198.227 # |
| -----                       |                 |       |       |         |          |          |            |

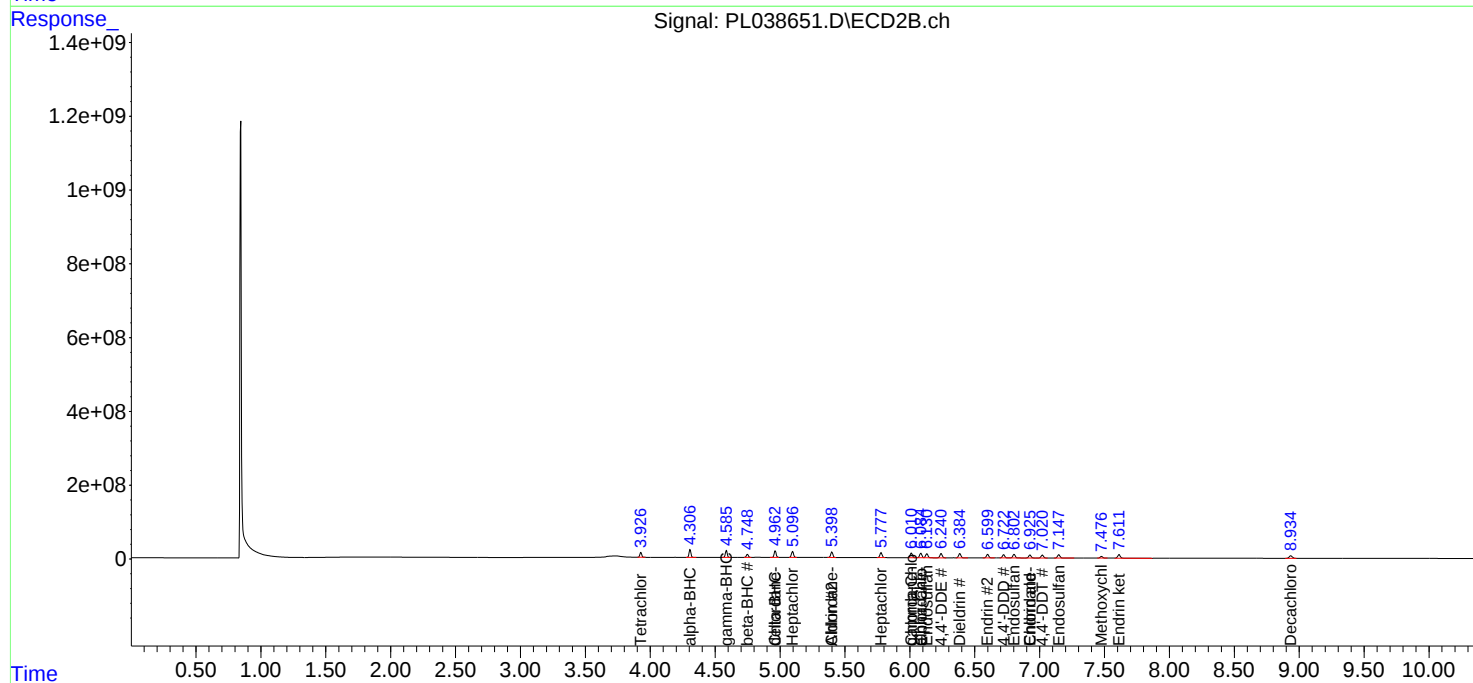
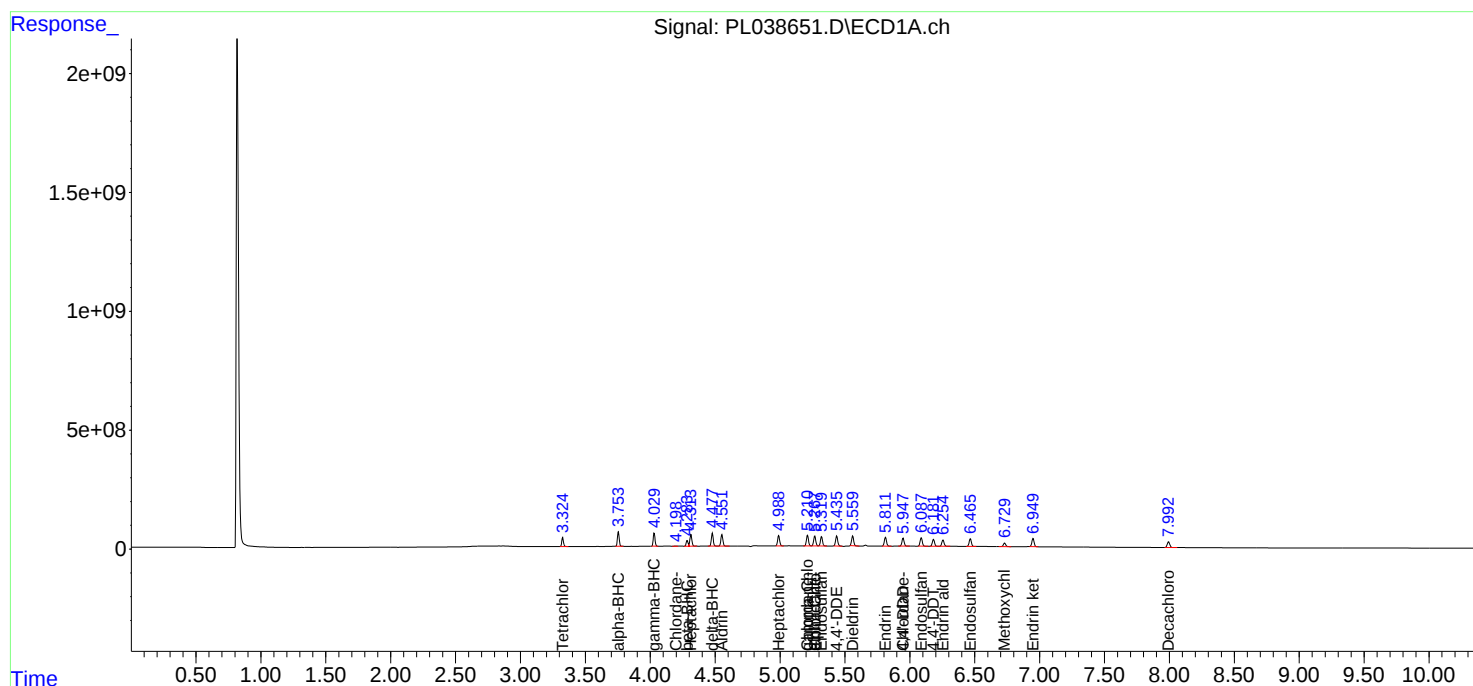
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

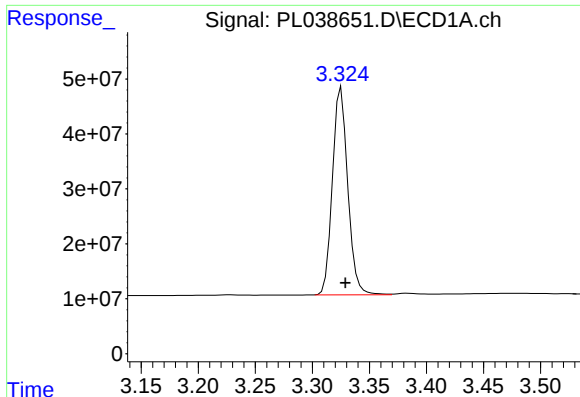
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072618\  
 Data File : PL038651.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2018 10:15  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 10:29:20 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

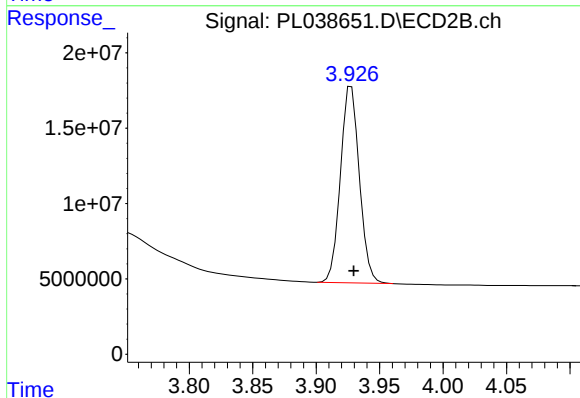




#1 Tetrachloro-m-xylene

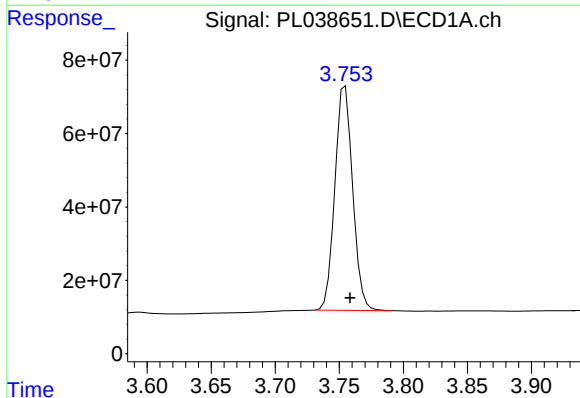
R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 353457769  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



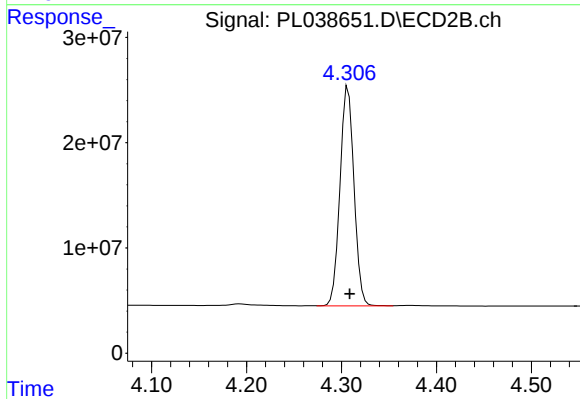
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 135395183  
Conc: 51.58 ng/ml



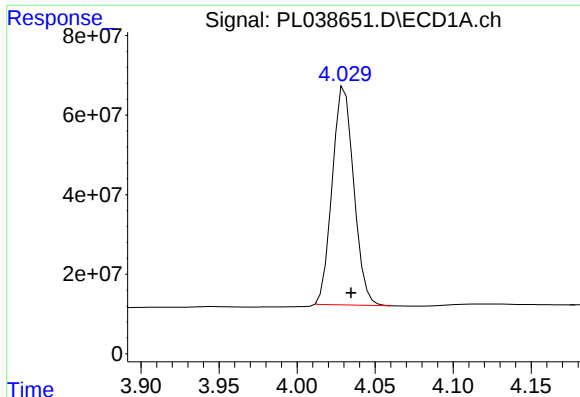
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.004 min  
Response: 589963953  
Conc: 49.93 ng/ml



#2 alpha-BHC

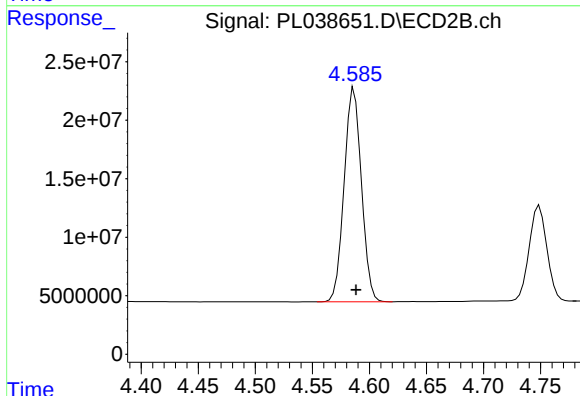
R.T.: 4.307 min  
Delta R.T.: -0.002 min  
Response: 214432756  
Conc: 55.41 ng/ml



#3 gamma-BHC (Lindane)

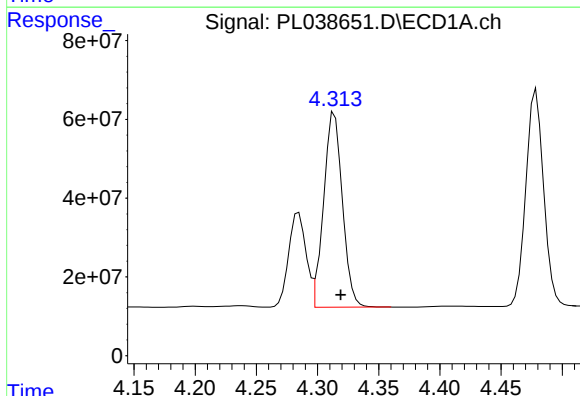
R.T.: 4.031 min  
Delta R.T.: -0.004 min  
Response: 526484860  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



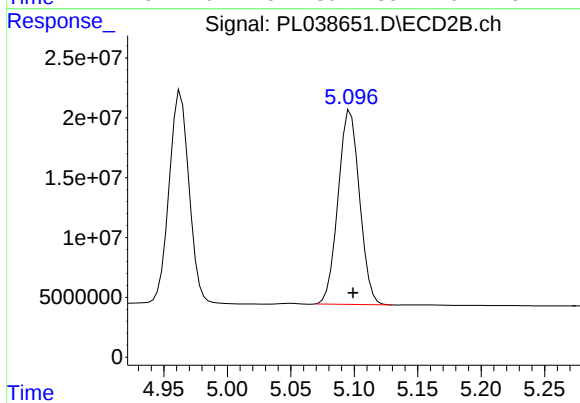
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.002 min  
Response: 192693309  
Conc: 53.35 ng/ml



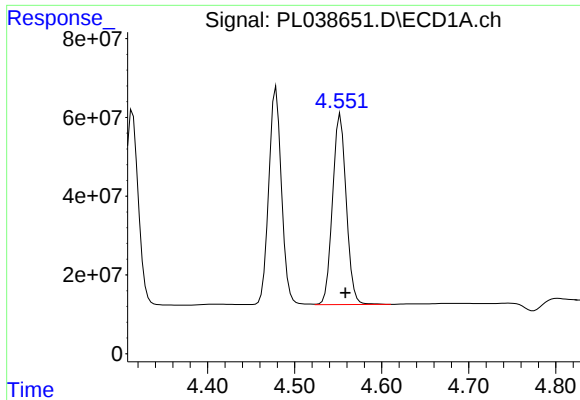
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 526480640  
Conc: 49.49 ng/ml



#4 Heptachlor

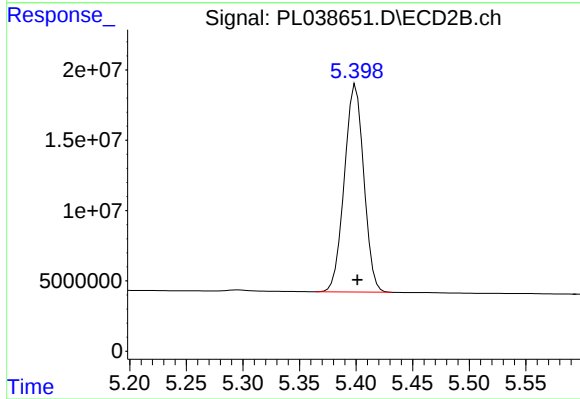
R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 190423236  
Conc: 59.58 ng/ml



#5 Aldrin

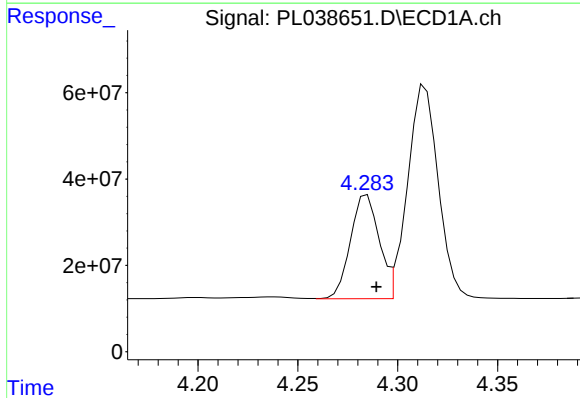
R.T.: 4.553 min  
Delta R.T.: -0.006 min  
Response: 529886186  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



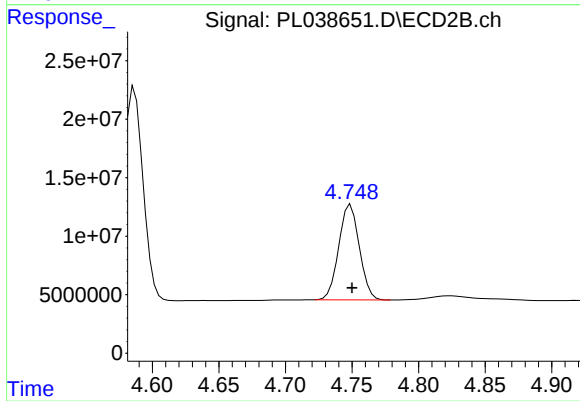
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 176303080  
Conc: 57.13 ng/ml



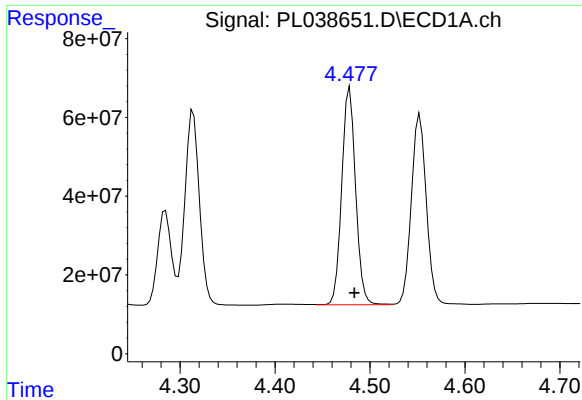
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.005 min  
Response: 239775066  
Conc: 50.80 ng/ml



#6 beta-BHC

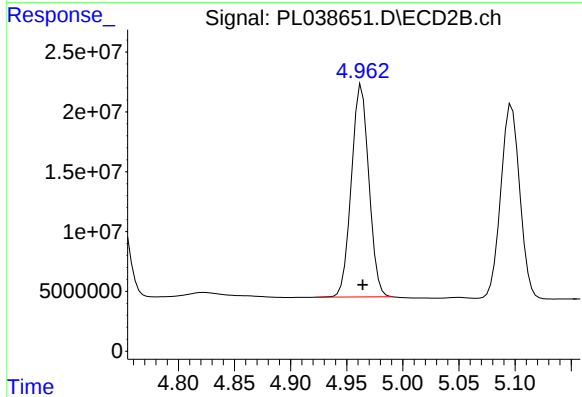
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 87932415  
Conc: 57.97 ng/ml



#7 delta-BHC

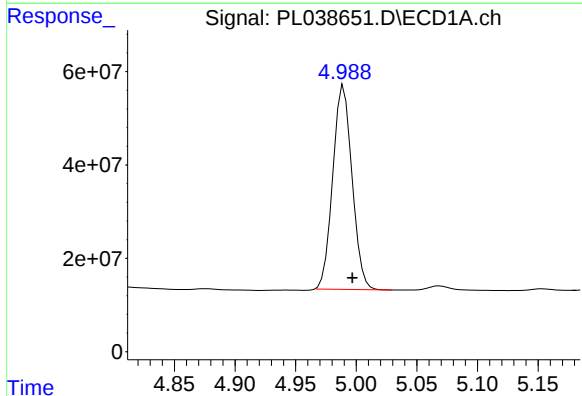
R.T.: 4.479 min  
Delta R.T.: -0.005 min  
Response: 560662696  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



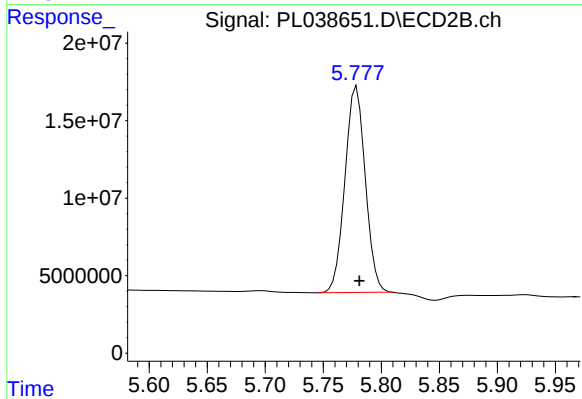
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.001 min  
Response: 192134495  
Conc: 57.93 ng/ml



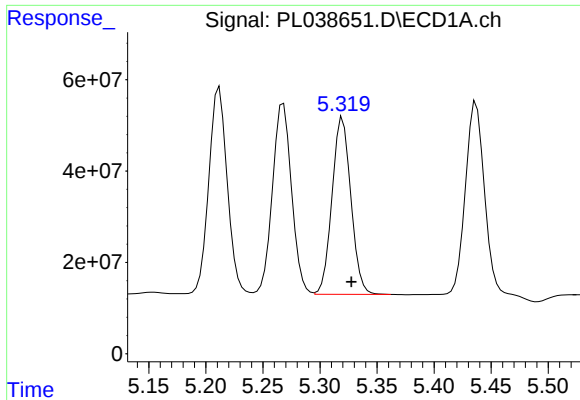
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.007 min  
Response: 481838030  
Conc: 51.10 ng/ml



#8 Heptachlor epoxide

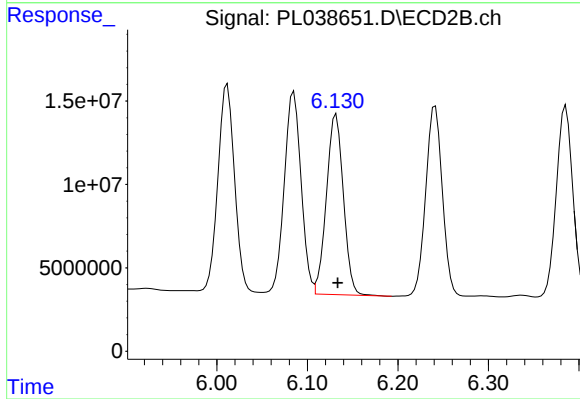
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 162213230  
Conc: 57.08 ng/ml



#9 Endosulfan I

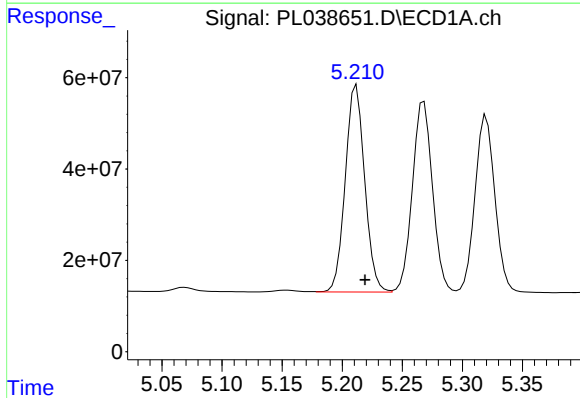
R.T.: 5.320 min  
Delta R.T.: -0.008 min  
Response: 445373635  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



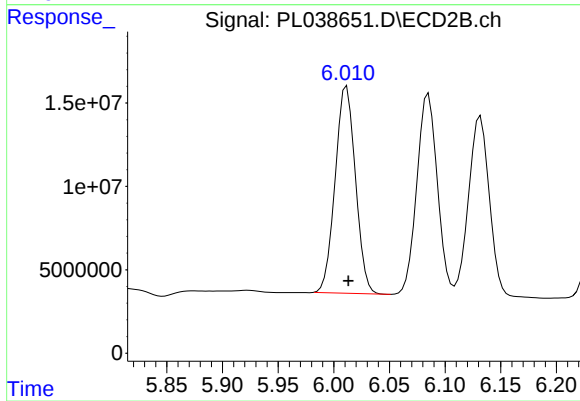
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 140871832  
Conc: 54.78 ng/ml



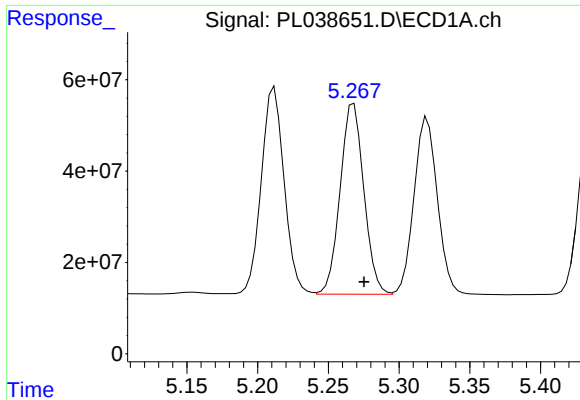
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.007 min  
Response: 509733335  
Conc: 51.57 ng/ml



#10 gamma-Chlordane

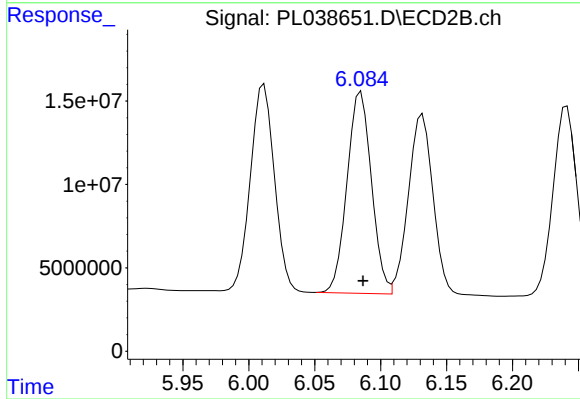
R.T.: 6.012 min  
Delta R.T.: -0.001 min  
Response: 157388813  
Conc: 54.29 ng/ml



#11 alpha-Chlordane

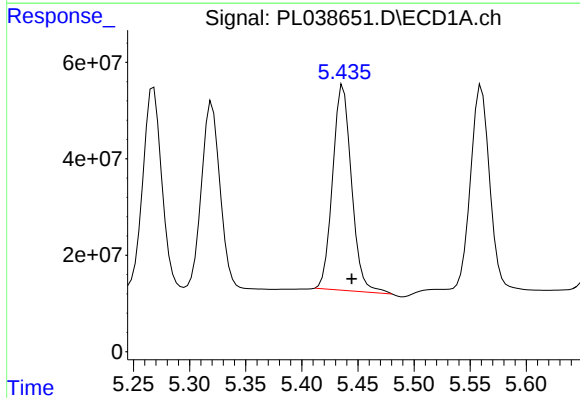
R.T.: 5.268 min  
Delta R.T.: -0.007 min  
Response: 487333203  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



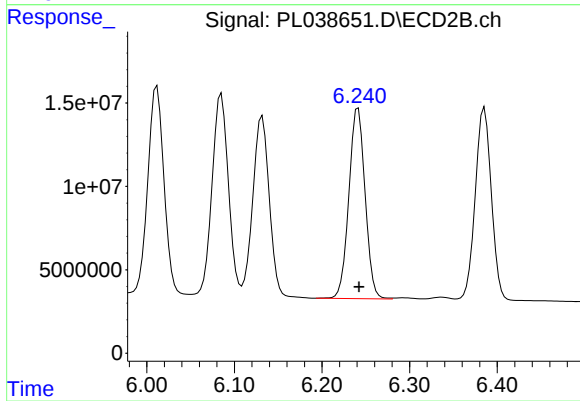
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 155475372  
Conc: 54.24 ng/ml



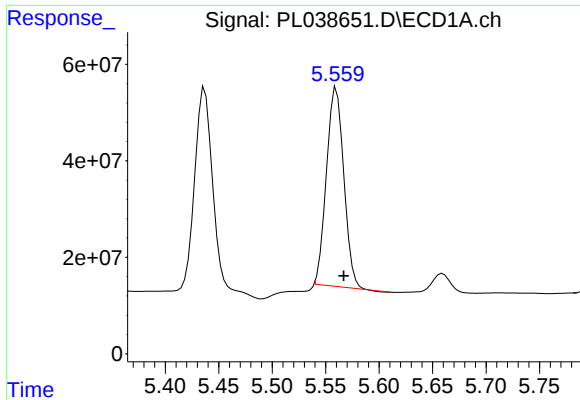
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.008 min  
Response: 498801628  
Conc: 52.02 ng/ml



#12 4,4'-DDE

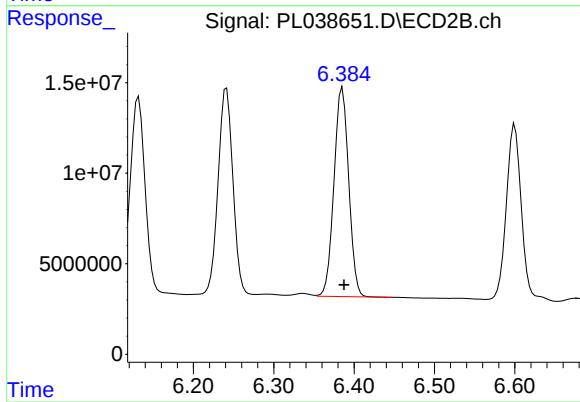
R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 147121644  
Conc: 55.02 ng/ml



#13 Dieldrin

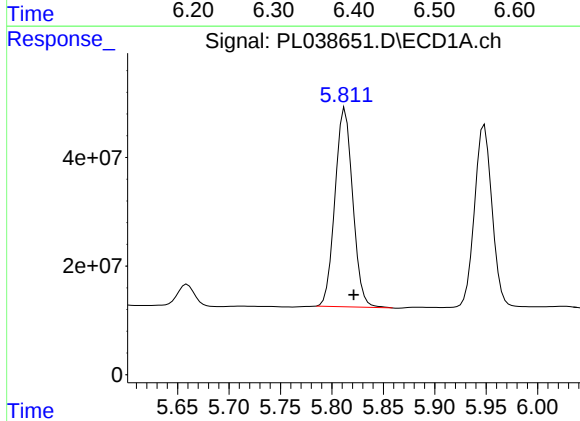
R.T.: 5.560 min  
Delta R.T.: -0.007 min  
Response: 461696817  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



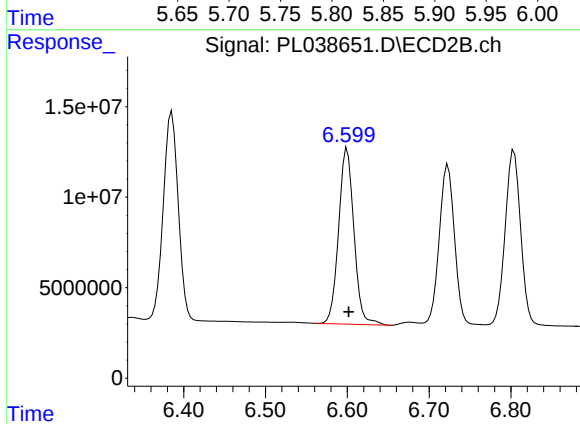
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 147413447  
Conc: 54.16 ng/ml



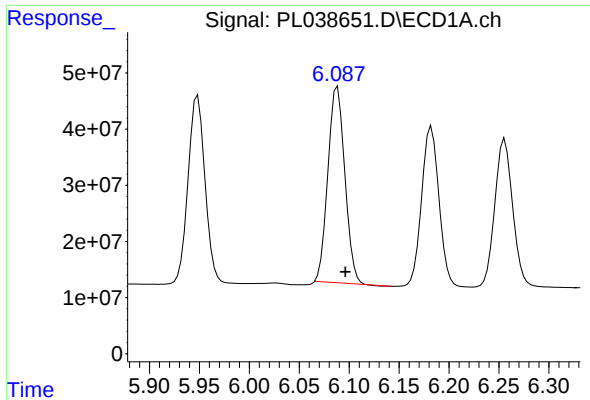
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 438491438  
Conc: 50.47 ng/ml



#14 Endrin

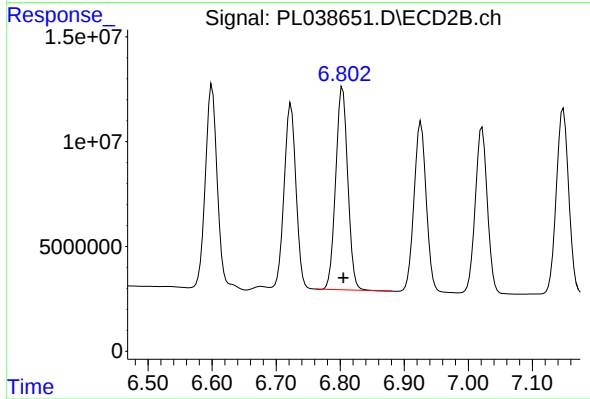
R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 126317305  
Conc: 52.89 ng/ml



#15 Endosulfan II

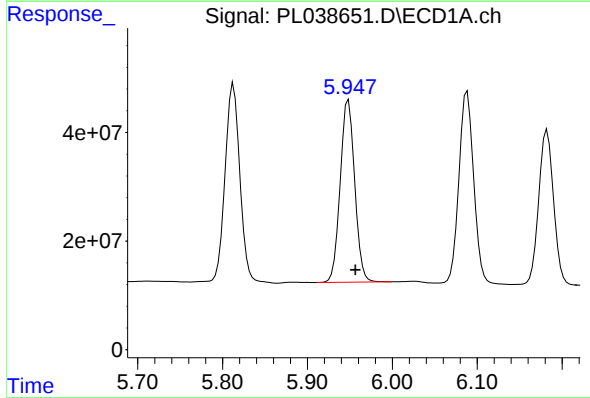
R.T.: 6.088 min  
Delta R.T.: -0.008 min  
Response: 412087297  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



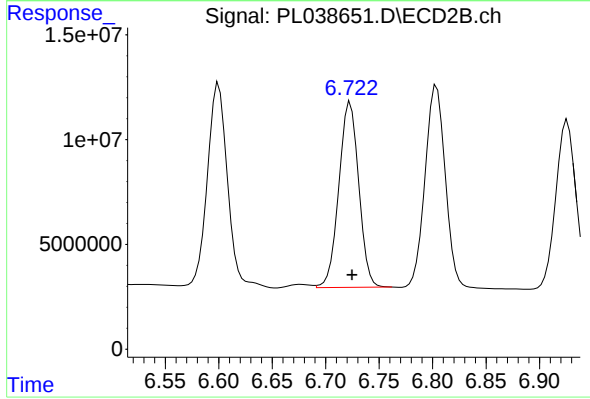
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: -0.001 min  
Response: 126820099  
Conc: 52.81 ng/ml



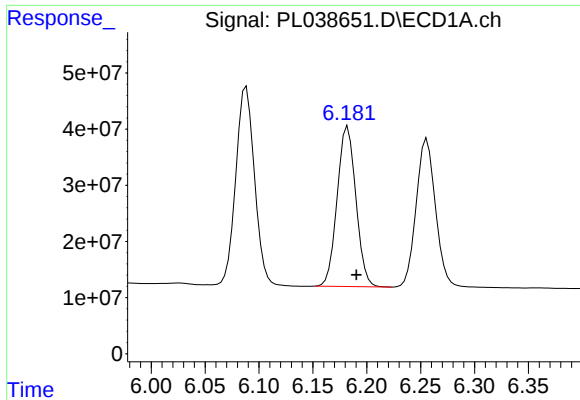
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.008 min  
Response: 397965542  
Conc: 54.25 ng/ml



#16 4,4'-DDD

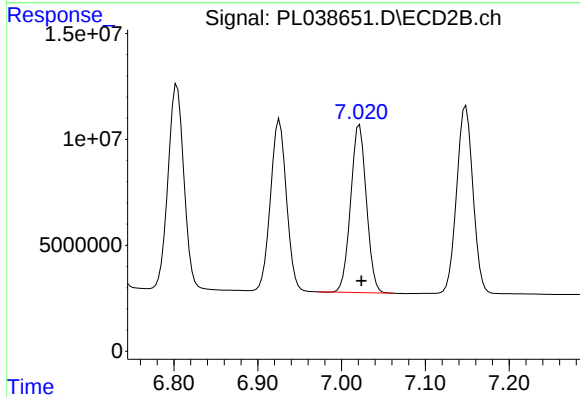
R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 114602174  
Conc: 53.54 ng/ml



#17 4,4'-DDT

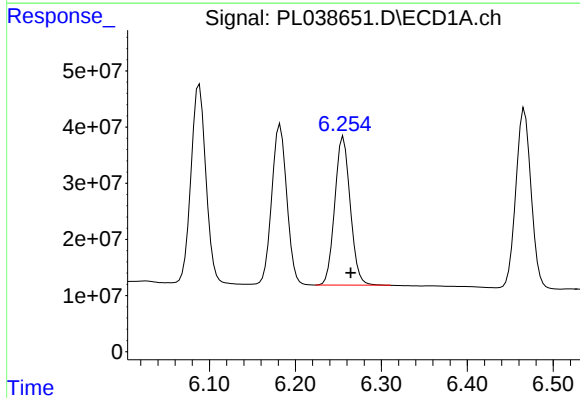
R.T.: 6.182 min  
Delta R.T.: -0.008 min  
Response: 344577640  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



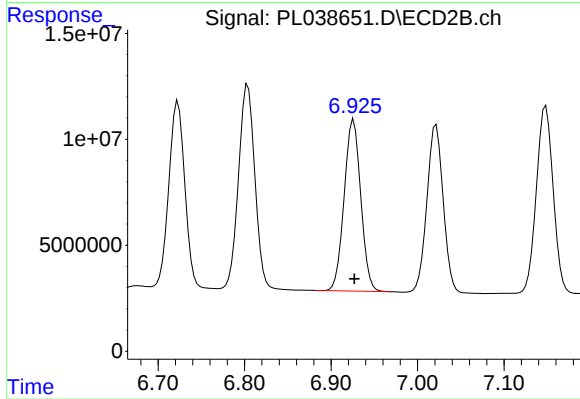
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 103498983  
Conc: 48.54 ng/ml



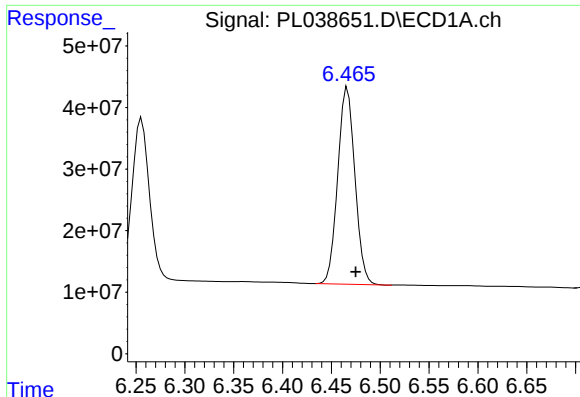
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.008 min  
Response: 329962908  
Conc: 51.82 ng/ml



#18 Endrin aldehyde

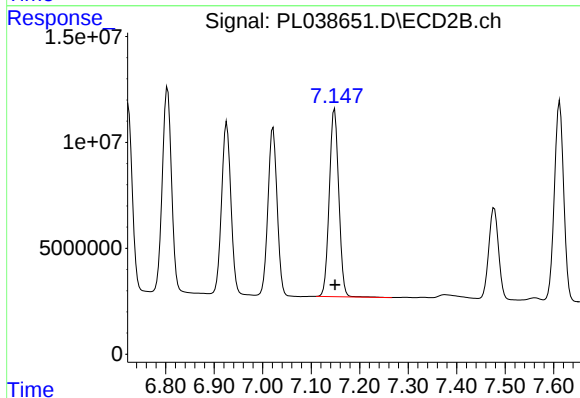
R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 107336562  
Conc: 55.01 ng/ml



#19 Endosulfan Sulfate

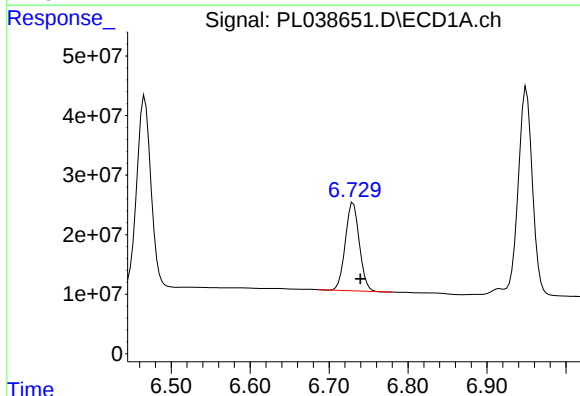
R.T.: 6.467 min  
Delta R.T.: -0.008 min  
Response: 391800442  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



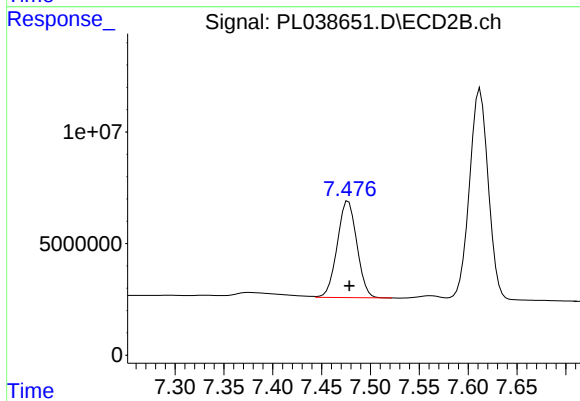
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.001 min  
Response: 120793656  
Conc: 55.42 ng/ml



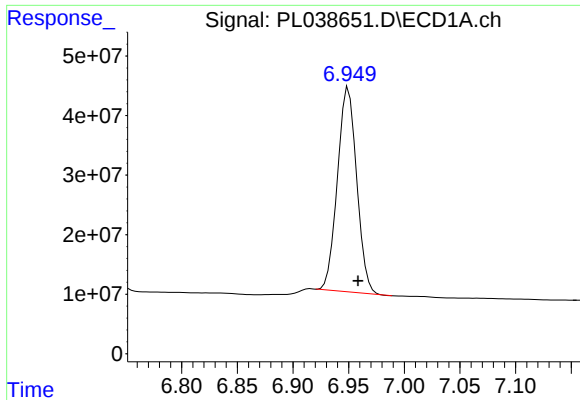
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.009 min  
Response: 182820868  
Conc: 47.52 ng/ml



#20 Methoxychlor

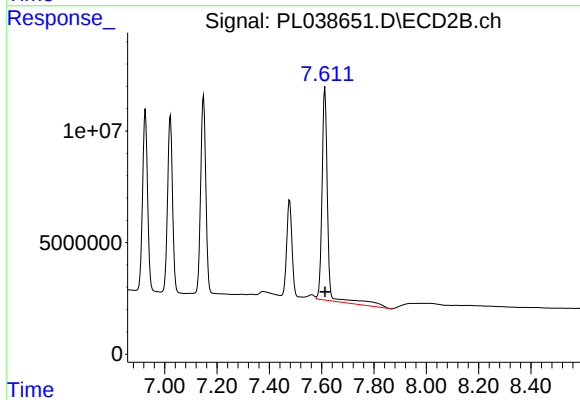
R.T.: 7.477 min  
Delta R.T.: 0.000 min  
Response: 60364628  
Conc: 53.01 ng/ml



#21 Endrin ketone

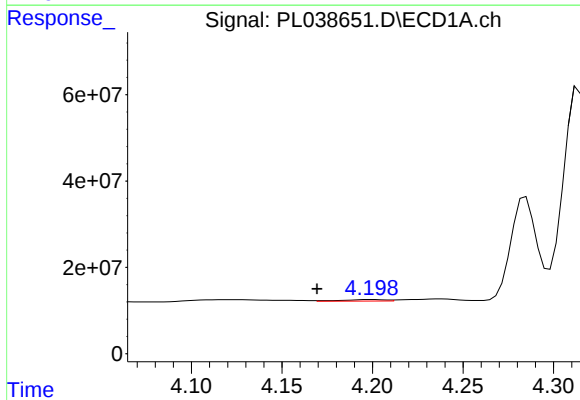
R.T.: 6.950 min  
Delta R.T.: -0.009 min  
Response: 412736314  
Conc: 52.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



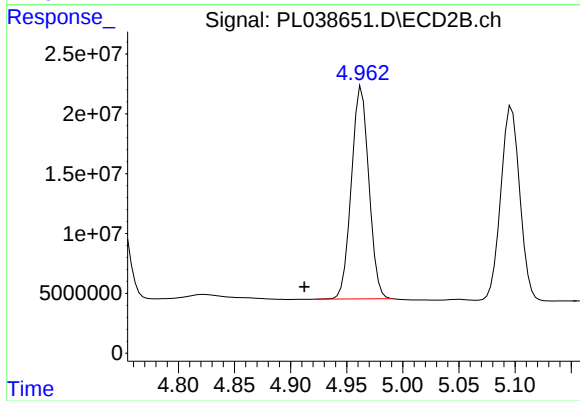
#21 Endrin ketone

R.T.: 7.612 min  
Delta R.T.: 0.000 min  
Response: 146997436  
Conc: 61.67 ng/ml



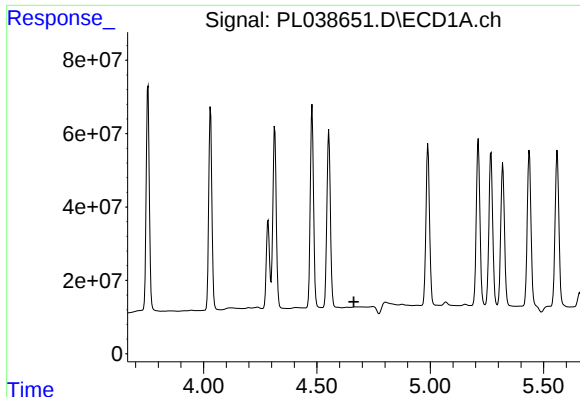
#23 Chlordane-1

R.T.: 4.199 min  
Delta R.T.: 0.030 min  
Response: 6071920  
Conc: 17.54 ng/ml



#23 Chlordane-1

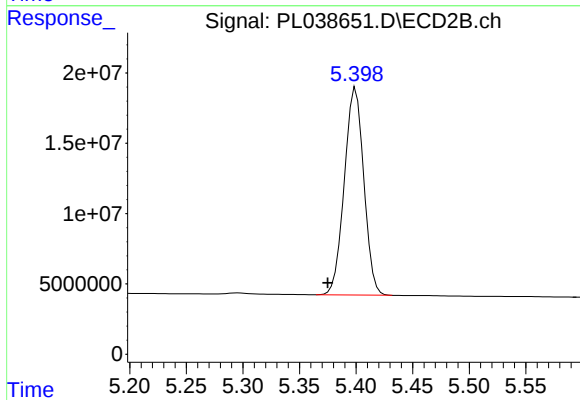
R.T.: 4.963 min  
Delta R.T.: 0.051 min  
Response: 192134495  
Conc: 1657.98 ng/ml



#24 Chlordane-2

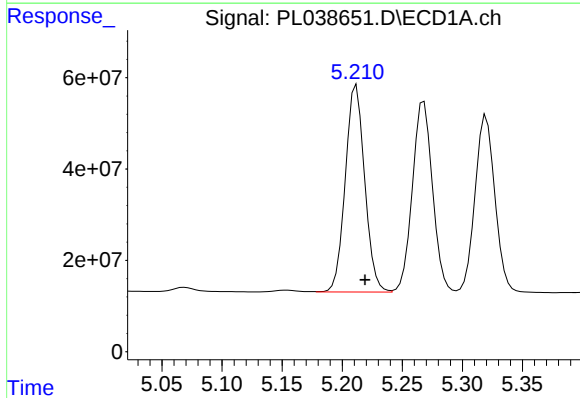
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



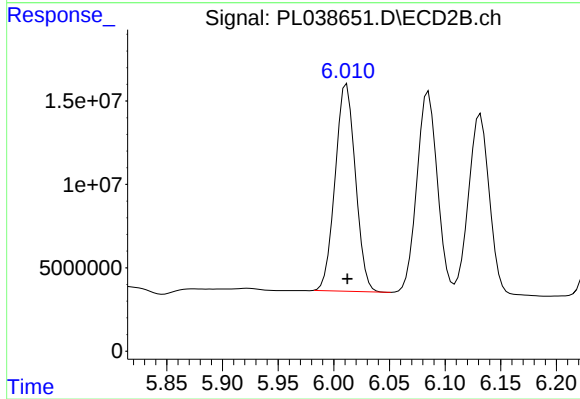
#24 Chlordane-2

R.T.: 5.400 min  
Delta R.T.: 0.025 min  
Response: 176303080  
Conc: 1472.26 ng/ml



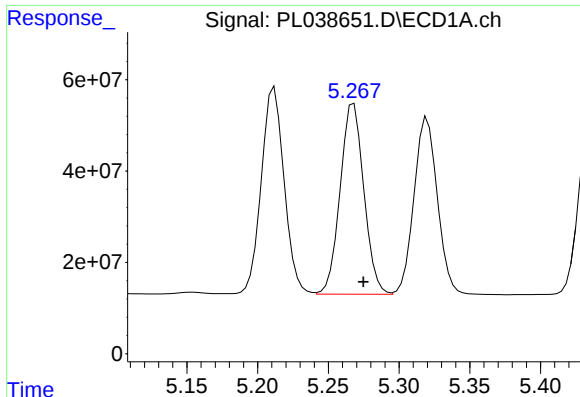
#25 Chlordane-3

R.T.: 5.212 min  
Delta R.T.: -0.007 min  
Response: 509733335  
Conc: 438.17 ng/ml



#25 Chlordane-3

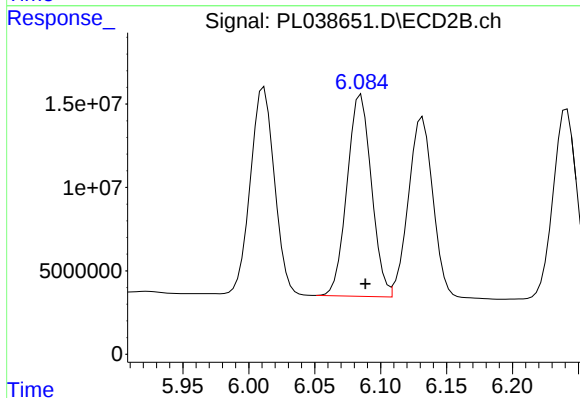
R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 157388813  
Conc: 385.85 ng/ml



#26 Chlordane-4

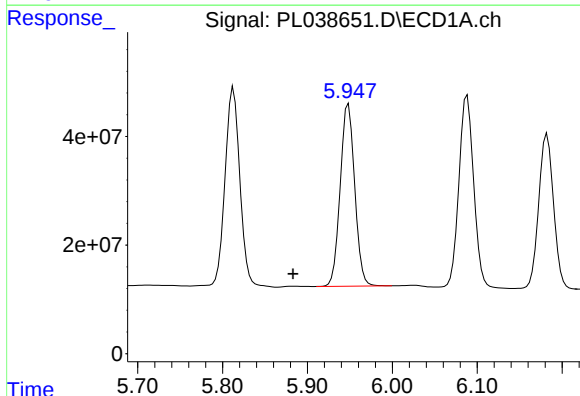
R.T.: 5.268 min  
Delta R.T.: -0.007 min  
Response: 487333203  
Conc: 463.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



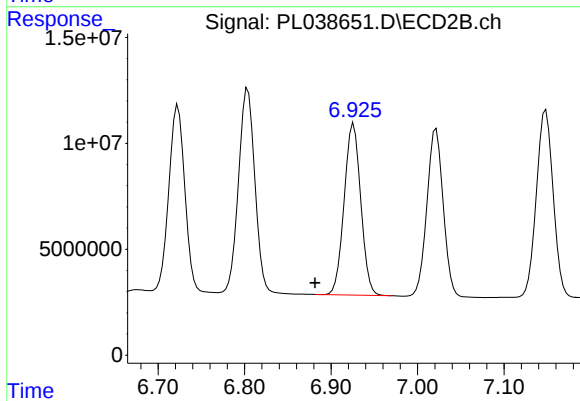
#26 Chlordane-4

R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 155475372  
Conc: 316.45 ng/ml



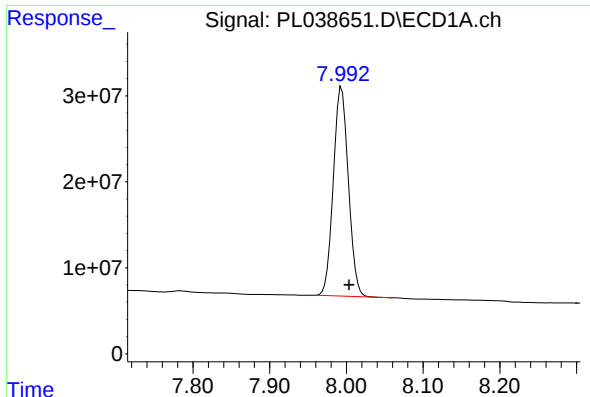
#27 Chlordane-5

R.T.: 5.948 min  
Delta R.T.: 0.065 min  
Response: 397965542  
Conc: 2485.22 ng/ml



#27 Chlordane-5

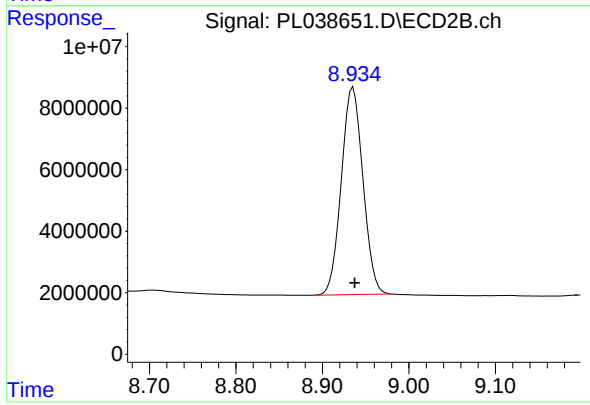
R.T.: 6.926 min  
Delta R.T.: 0.045 min  
Response: 107336562  
Conc: 1198.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.010 min  
Response: 331313874  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 116534872  
Conc: 47.67 ng/ml