

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072118\  
 Data File : PL038406.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2018 13:06  
 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 23 01:37:02 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... | 3.327 | 3.928 | 349.9E6  | 140.2E6  | 46.995   | 53.408     |
| 28)                         | SA Decachlor... | 7.996 | 8.934 | 342.2E6  | 121.7E6  | 45.108   | 49.788     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.756 | 4.307 | 555.8E6  | 209.4E6  | 47.038   | 54.099     |
| 3)                          | MA gamma-BHC... | 4.032 | 4.587 | 501.7E6  | 187.1E6  | 47.858   | 51.807     |
| 4)                          | MA Heptachlor   | 4.315 | 5.097 | 486.9E6  | 180.6E6  | 45.773   | 56.502     |
| 5)                          | MB Aldrin       | 4.554 | 5.399 | 491.6E6  | 169.5E6  | 46.963   | 54.937     |
| 6)                          | B beta-BHC      | 4.285 | 4.749 | 224.6E6  | 84931367 | 47.574   | 55.990     |
| 7)                          | B delta-BHC     | 4.480 | 4.963 | 525.2E6  | 185.3E6  | 48.386   | 55.865     |
| 8)                          | B Heptachlo...  | 4.991 | 5.779 | 455.3E6  | 154.9E6  | 48.295   | 54.506     |
| 9)                          | A Endosulfan I  | 5.322 | 6.132 | 423.1E6  | 134.3E6  | 48.913   | 52.228     |
| 10)                         | B gamma-Chl...  | 5.214 | 6.011 | 472.7E6  | 152.7E6  | 47.825   | 52.666     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.085 | 454.5E6  | 149.9E6  | 48.018   | 52.294     |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.241 | 462.2E6  | 139.8E6  | 48.209   | 52.263     |
| 13)                         | MA Dieldrin     | 5.562 | 6.385 | 445.0E6  | 142.3E6  | 46.305   | 52.266     |
| 14)                         | MA Endrin       | 5.815 | 6.600 | 395.0E6  | 114.6E6  | 45.467   | 47.981     |
| 15)                         | B Endosulfa...  | 6.090 | 6.803 | 393.0E6  | 121.9E6  | 49.561   | 50.778     |
| 16)                         | A 4,4'-DDD      | 5.951 | 6.723 | 381.5E6  | 111.0E6  | 52.006   | 51.876     |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.021 | 325.5E6  | 99113824 | 43.820   | 46.488     |
| 18)                         | B Endrin al...  | 6.258 | 6.925 | 312.1E6  | 104.1E6  | 49.017   | 53.345     |
| 19)                         | B Endosulfa...  | 6.469 | 7.148 | 370.4E6  | 115.1E6  | 49.032   | 52.800     |
| 20)                         | A Methoxychlor  | 6.733 | 7.477 | 174.3E6  | 55648813 | 45.296   | 48.872     |
| 21)                         | B Endrin ke...  | 6.952 | 7.612 | 403.0E6  | 123.7E6  | 51.360   | 51.898     |
| 23)                         | Chlordane-1     | 4.105 | 4.963 | 13282905 | 185.3E6  | 38.362   | 1598.850 # |
| 24)                         | Chlordane-2     | 0.000 | 5.399 | 0        | 169.5E6  | N.D.     | 1415.851 # |
| 25)                         | Chlordane-3     | 5.214 | 6.011 | 472.7E6  | 152.7E6  | 406.337  | 374.330    |
| 26)                         | Chlordane-4     | 5.270 | 6.085 | 454.5E6  | 149.9E6  | 432.312  | 305.071 #  |
| 27)                         | Chlordane-5     | 5.951 | 6.925 | 381.5E6  | 104.1E6  | 2382.362 | 1162.054 # |
| -----                       |                 |       |       |          |          |          |            |

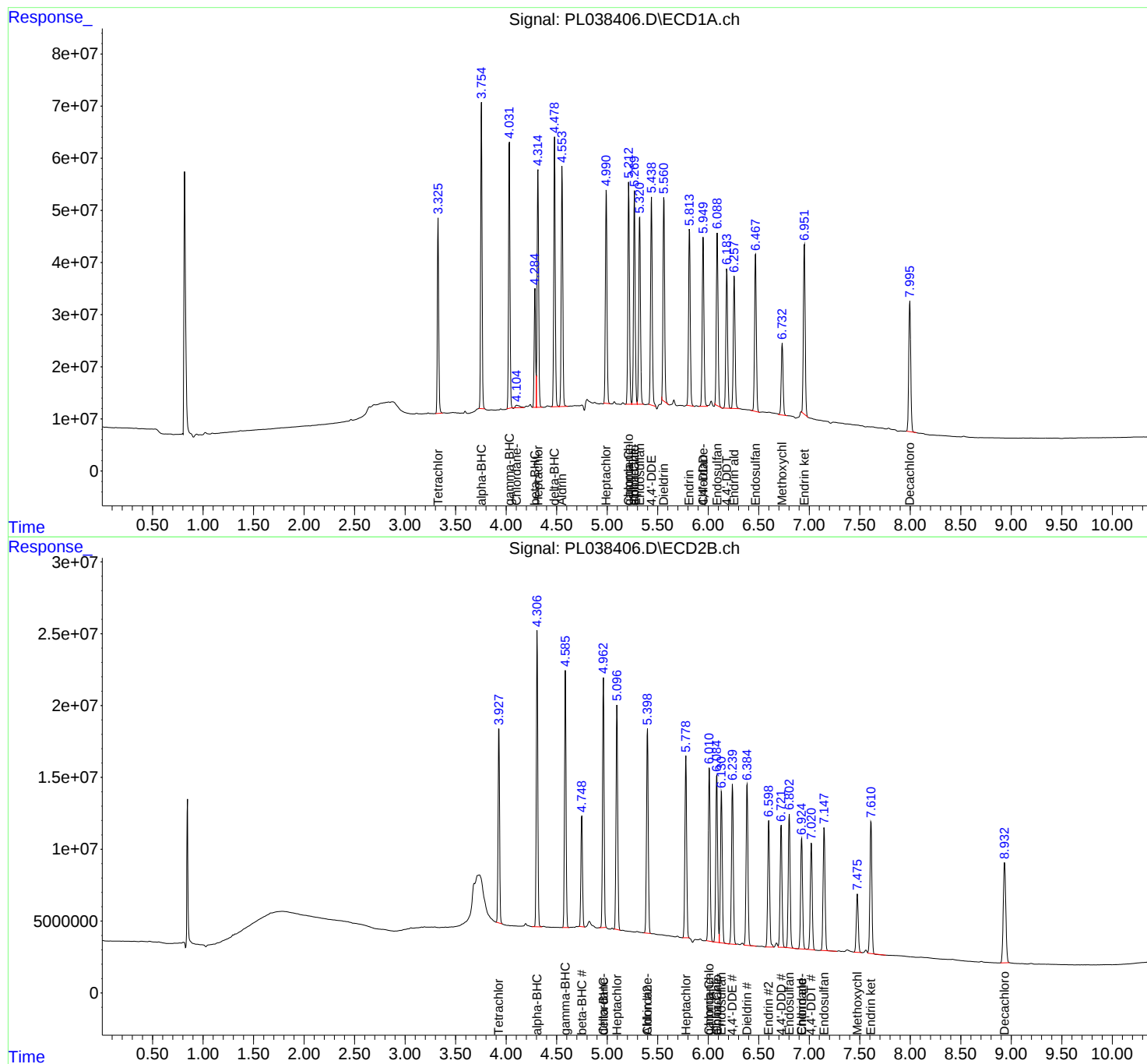
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

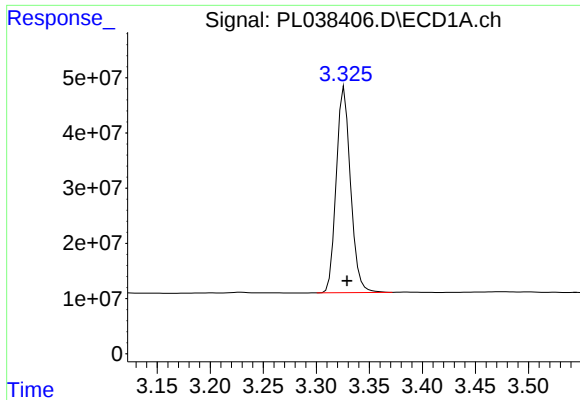
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072118\  
Data File : PL038406.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2018 13:06  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 01:37:02 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

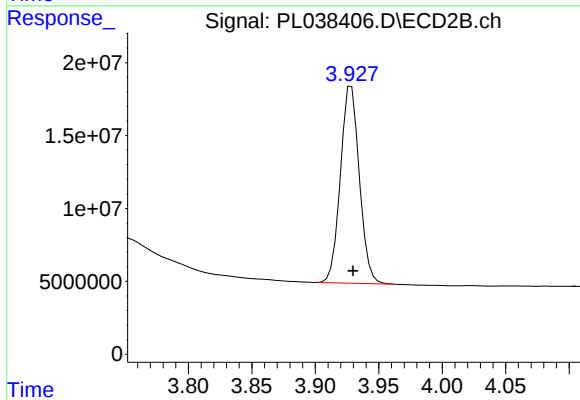




#1 Tetrachloro-m-xylene

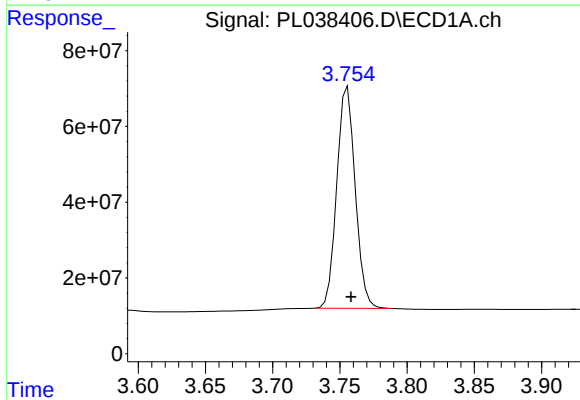
R.T.: 3.327 min  
Delta R.T.: -0.002 min  
Response: 349945761  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



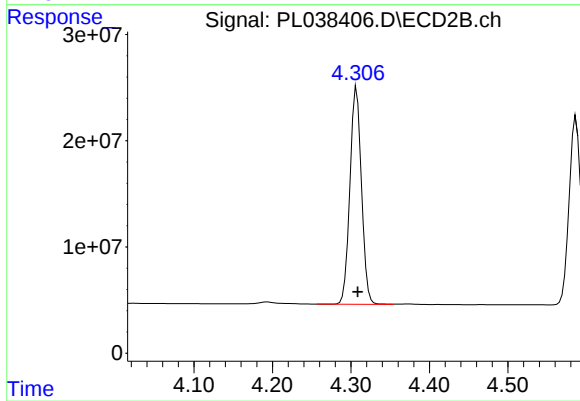
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 140191657  
Conc: 53.41 ng/ml



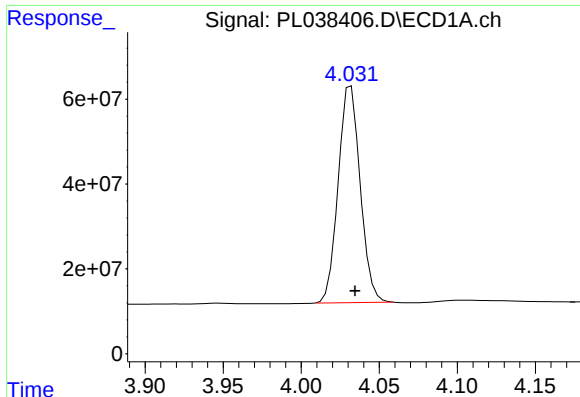
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.003 min  
Response: 555776289  
Conc: 47.04 ng/ml



#2 alpha-BHC

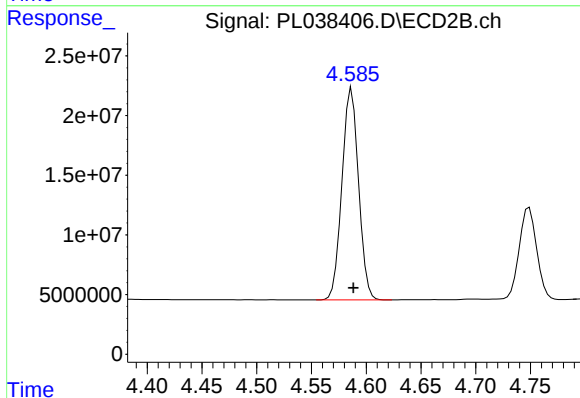
R.T.: 4.307 min  
Delta R.T.: -0.001 min  
Response: 209369849  
Conc: 54.10 ng/ml



#3 gamma-BHC (Lindane)

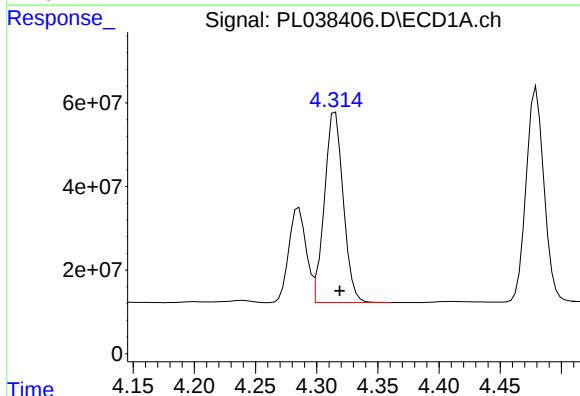
R.T.: 4.032 min  
Delta R.T.: -0.003 min  
Response: 501737534  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



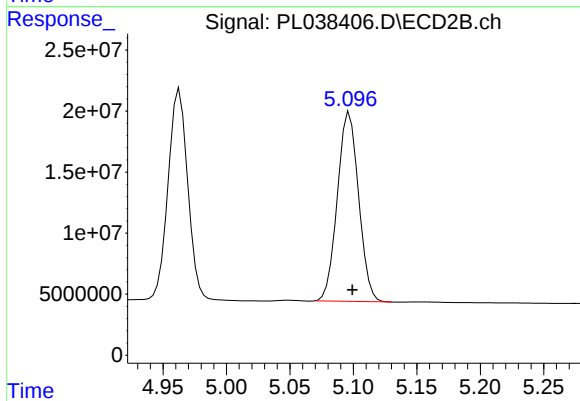
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.002 min  
Response: 187117176  
Conc: 51.81 ng/ml



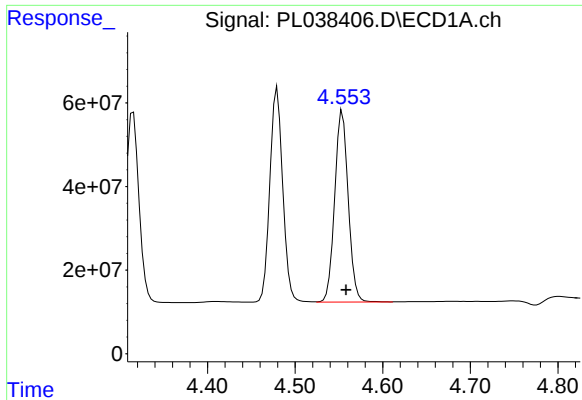
#4 Heptachlor

R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 486905461  
Conc: 45.77 ng/ml



#4 Heptachlor

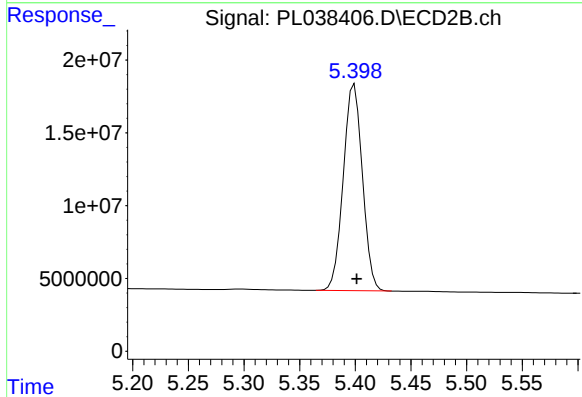
R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 180594836  
Conc: 56.50 ng/ml



#5 Aldrin

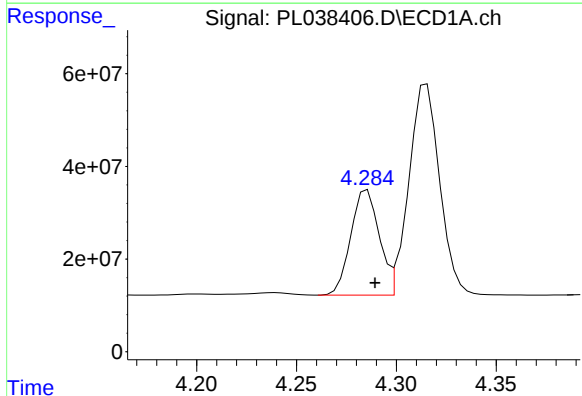
R.T.: 4.554 min  
Delta R.T.: -0.004 min  
Response: 491576880  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



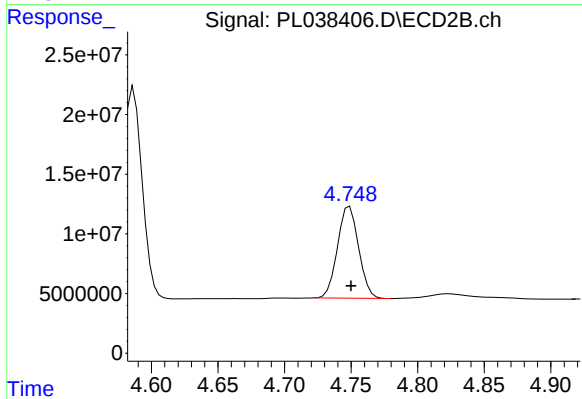
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 169548362  
Conc: 54.94 ng/ml



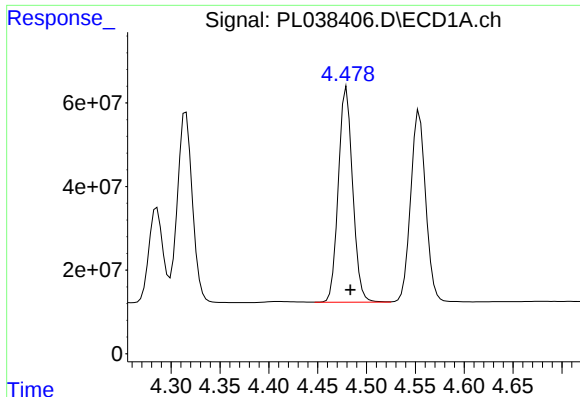
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.004 min  
Response: 224565747  
Conc: 47.57 ng/ml



#6 beta-BHC

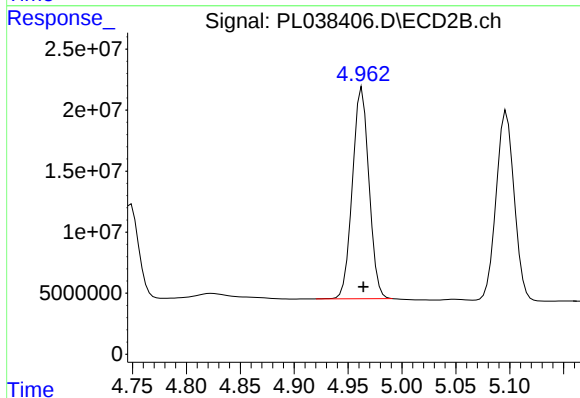
R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 84931367  
Conc: 55.99 ng/ml



#7 delta-BHC

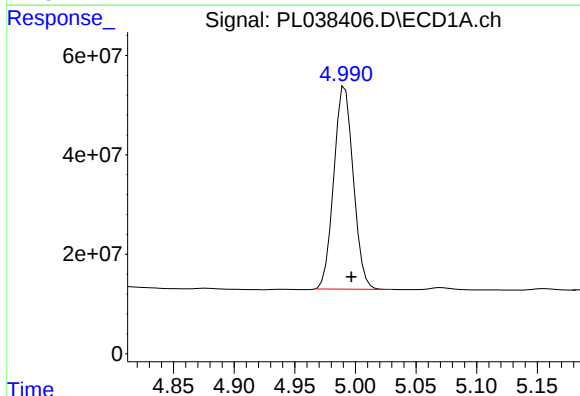
R.T.: 4.480 min  
Delta R.T.: -0.004 min  
Response: 525187018  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



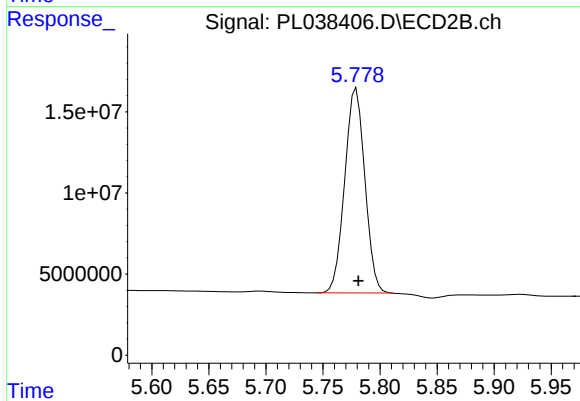
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.001 min  
Response: 185282660  
Conc: 55.87 ng/ml



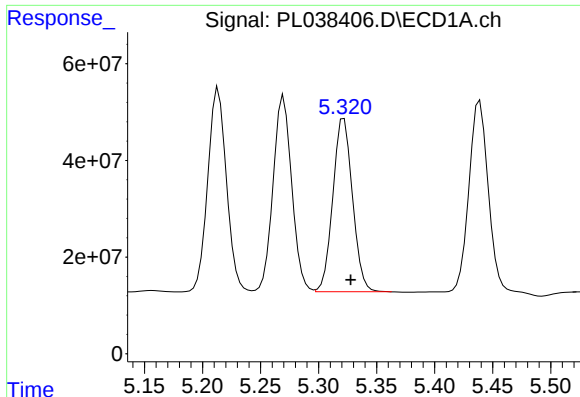
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: -0.005 min  
Response: 455348743  
Conc: 48.30 ng/ml



#8 Heptachlor epoxide

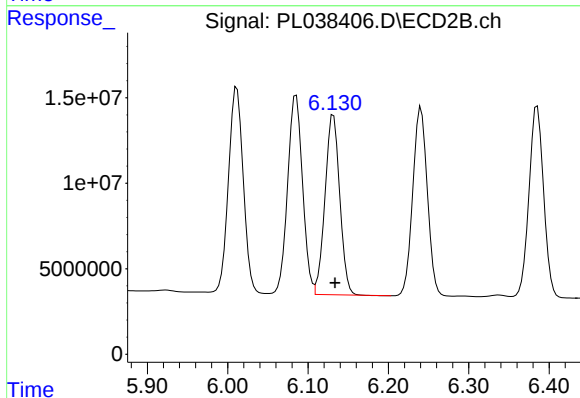
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 154900855  
Conc: 54.51 ng/ml



#9 Endosulfan I

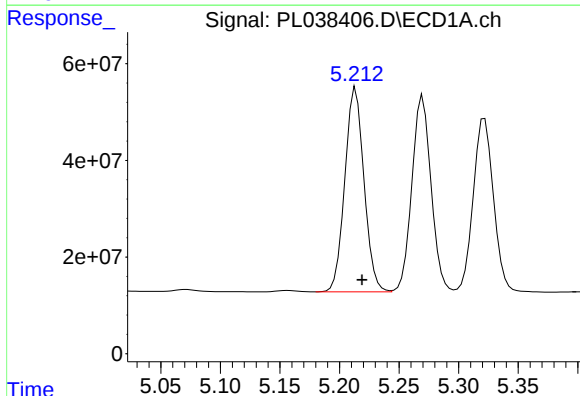
R.T.: 5.322 min  
Delta R.T.: -0.006 min  
Response: 423080669  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



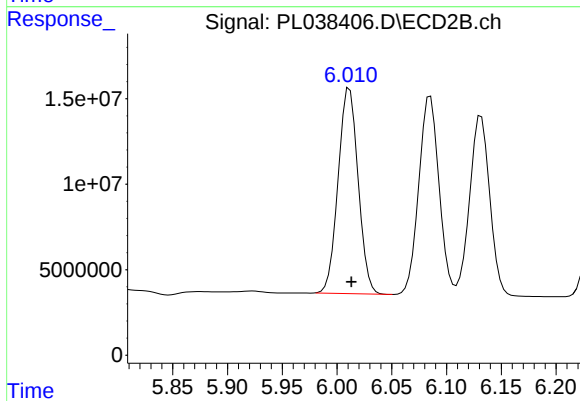
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 134318667  
Conc: 52.23 ng/ml



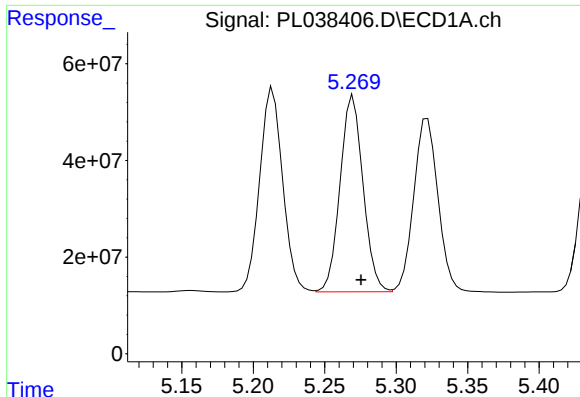
#10 gamma-Chlordane

R.T.: 5.214 min  
Delta R.T.: -0.005 min  
Response: 472704906  
Conc: 47.83 ng/ml



#10 gamma-Chlordane

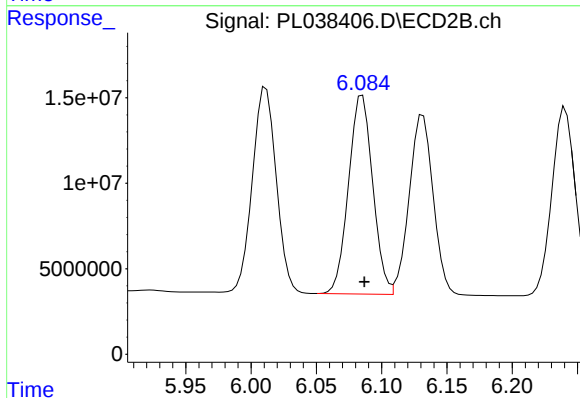
R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 152689244  
Conc: 52.67 ng/ml



#11 alpha-Chlordane

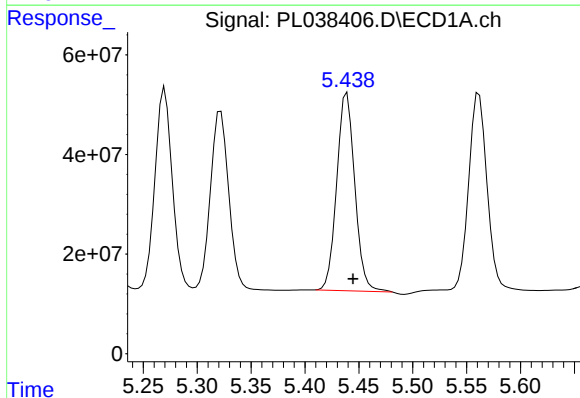
R.T.: 5.270 min  
Delta R.T.: -0.005 min  
Response: 454524762  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



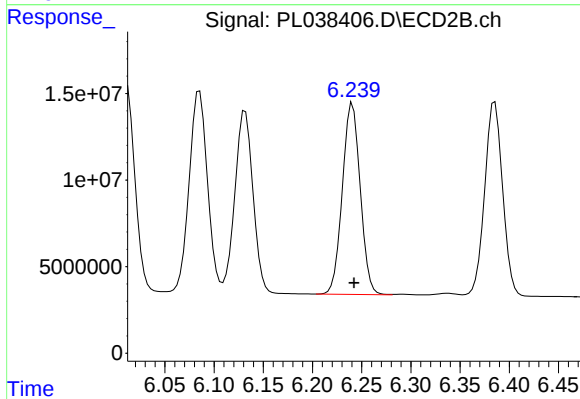
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 149885604  
Conc: 52.29 ng/ml



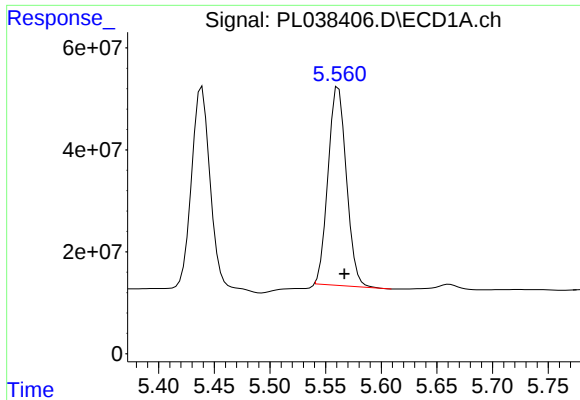
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: -0.005 min  
Response: 462223966  
Conc: 48.21 ng/ml



#12 4,4'-DDE

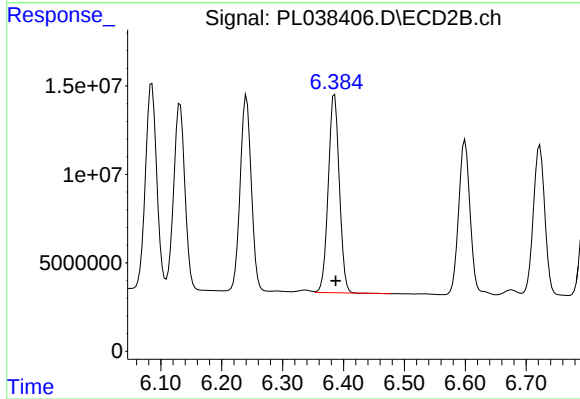
R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 139755881  
Conc: 52.26 ng/ml



#13 Dieldrin

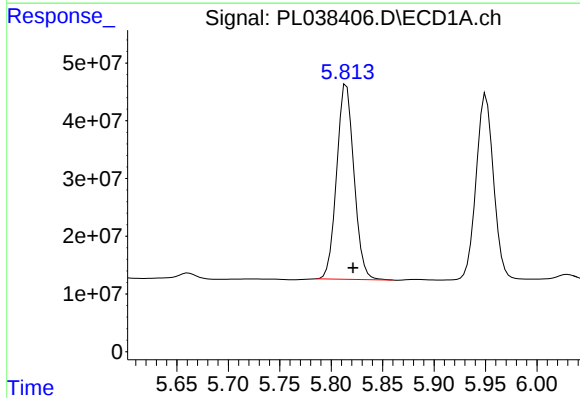
R.T.: 5.562 min  
Delta R.T.: -0.005 min  
Response: 445002716  
Conc: 46.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



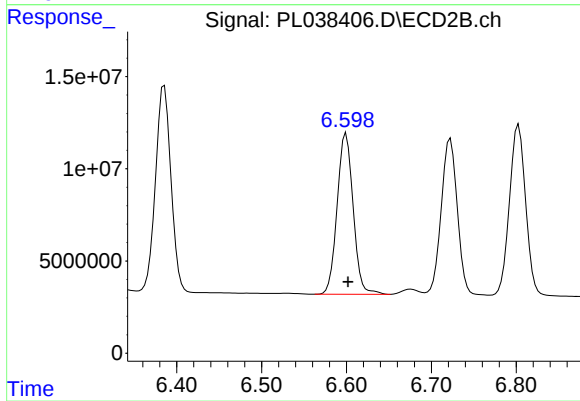
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 142255673  
Conc: 52.27 ng/ml



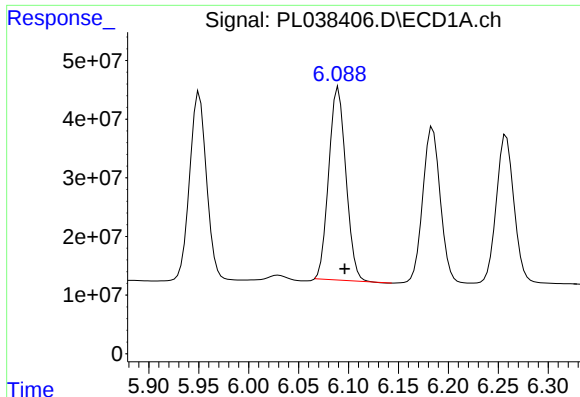
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: -0.006 min  
Response: 395035710  
Conc: 45.47 ng/ml



#14 Endrin

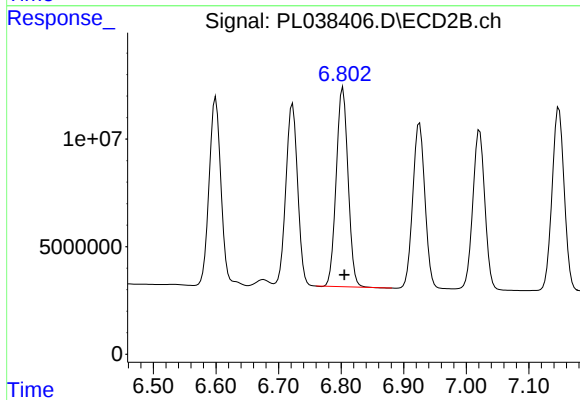
R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 114585391  
Conc: 47.98 ng/ml



#15 Endosulfan II

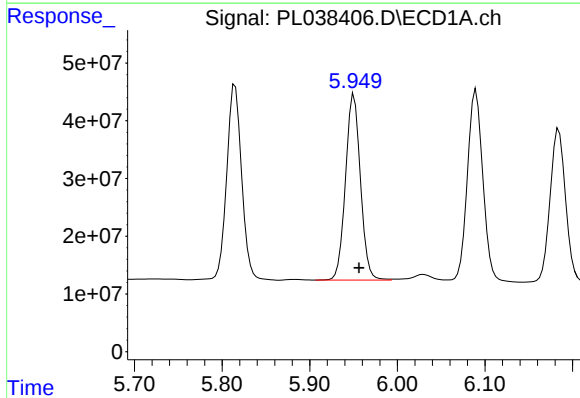
R.T.: 6.090 min  
Delta R.T.: -0.006 min  
Response: 393023343  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



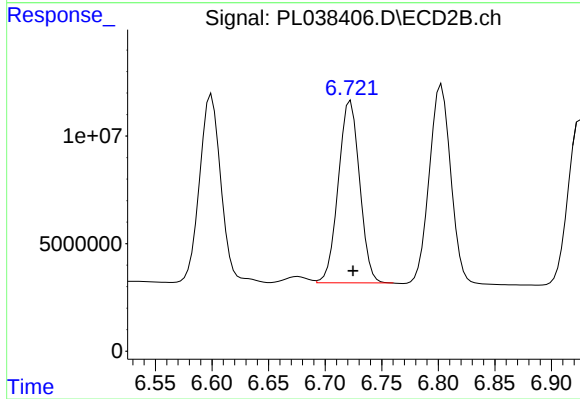
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 121937586  
Conc: 50.78 ng/ml



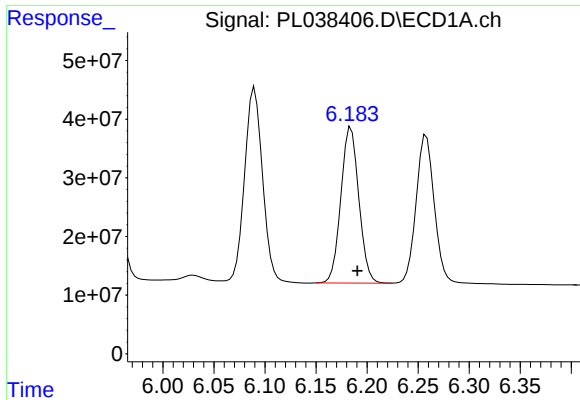
#16 4,4'-DDD

R.T.: 5.951 min  
Delta R.T.: -0.006 min  
Response: 381495265  
Conc: 52.01 ng/ml



#16 4,4'-DDD

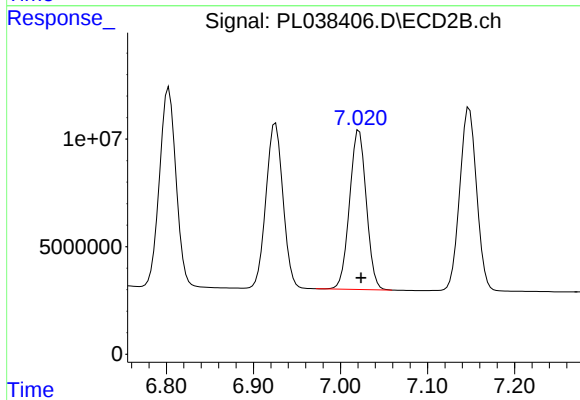
R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 111037312  
Conc: 51.88 ng/ml



#17 4,4'-DDT

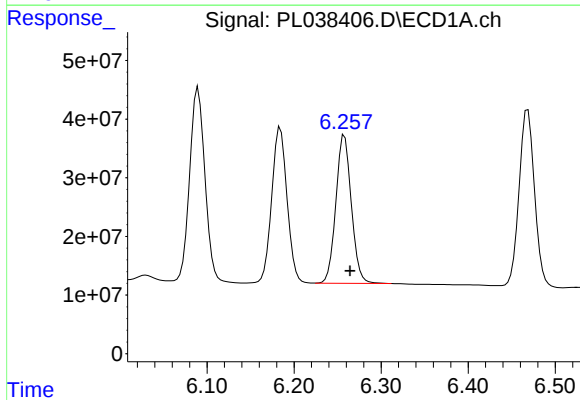
R.T.: 6.184 min  
Delta R.T.: -0.006 min  
Response: 325523139  
Conc: 43.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



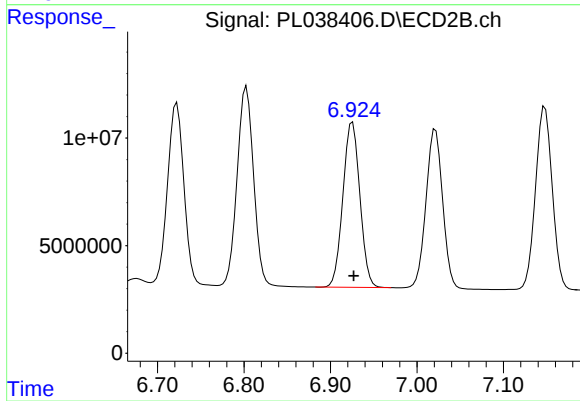
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 99113824  
Conc: 46.49 ng/ml



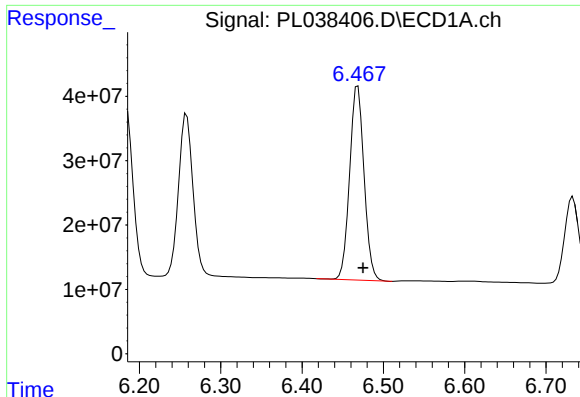
#18 Endrin aldehyde

R.T.: 6.258 min  
Delta R.T.: -0.006 min  
Response: 312122492  
Conc: 49.02 ng/ml



#18 Endrin aldehyde

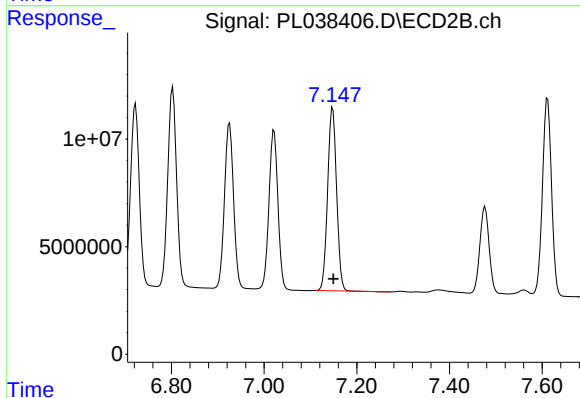
R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 104096224  
Conc: 53.35 ng/ml



#19 Endosulfan Sulfate

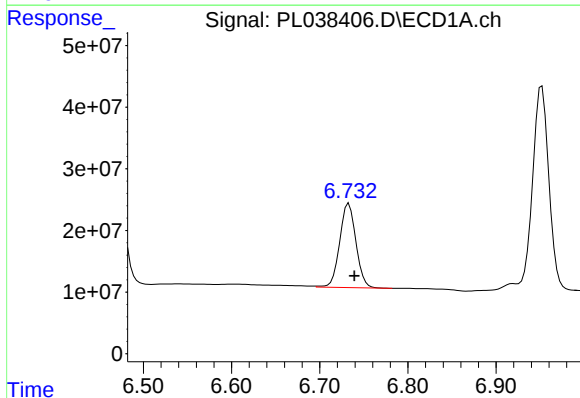
R.T.: 6.469 min  
Delta R.T.: -0.006 min  
Response: 370350497  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



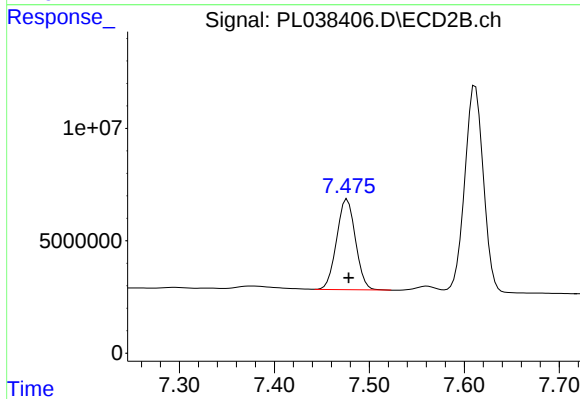
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 115092360  
Conc: 52.80 ng/ml



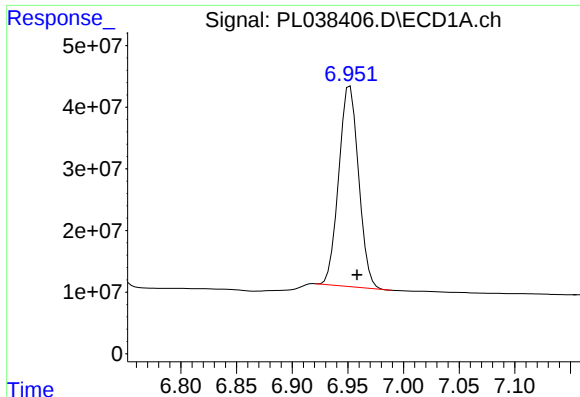
#20 Methoxychlor

R.T.: 6.733 min  
Delta R.T.: -0.006 min  
Response: 174276065  
Conc: 45.30 ng/ml



#20 Methoxychlor

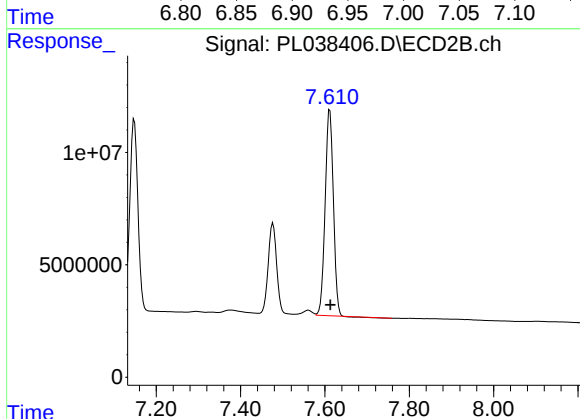
R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 55648813  
Conc: 48.87 ng/ml



#21 Endrin ketone

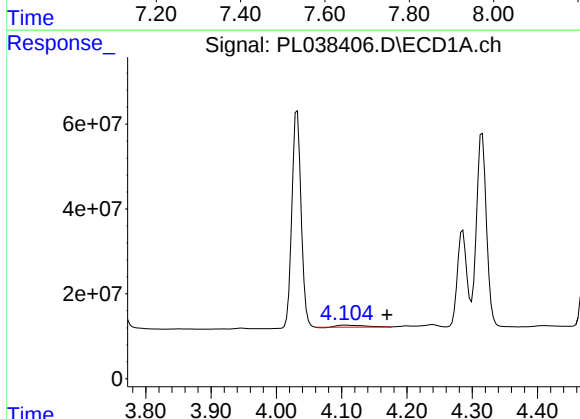
R.T.: 6.952 min  
Delta R.T.: -0.006 min  
Response: 402966946  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



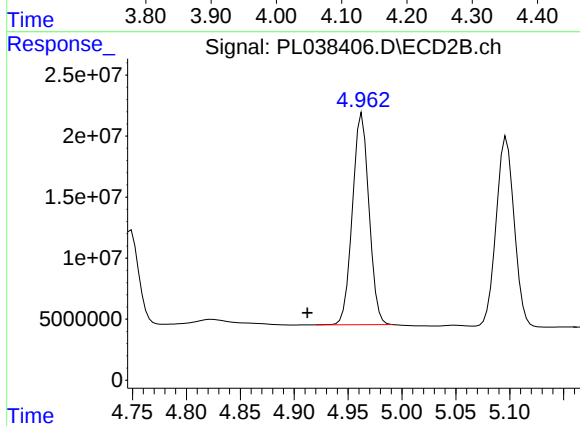
#21 Endrin ketone

R.T.: 7.612 min  
Delta R.T.: -0.002 min  
Response: 123699500  
Conc: 51.90 ng/ml



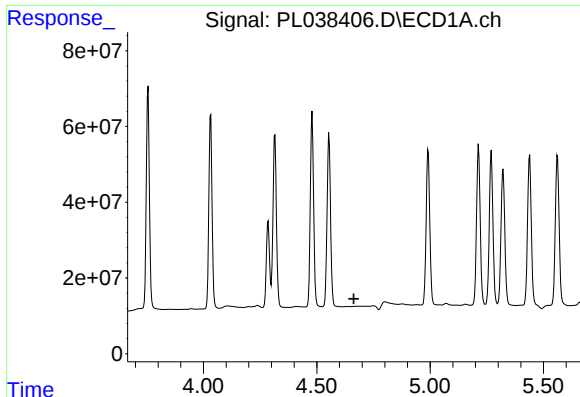
#23 Chlordane-1

R.T.: 4.105 min  
Delta R.T.: -0.065 min  
Response: 13282905  
Conc: 38.36 ng/ml



#23 Chlordane-1

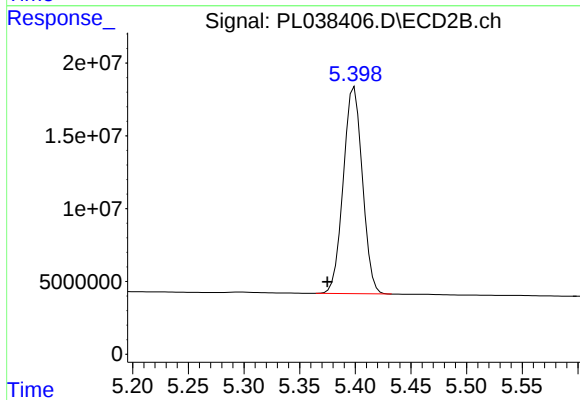
R.T.: 4.963 min  
Delta R.T.: 0.051 min  
Response: 185282660  
Conc: 1598.85 ng/ml



#24 Chlordane-2

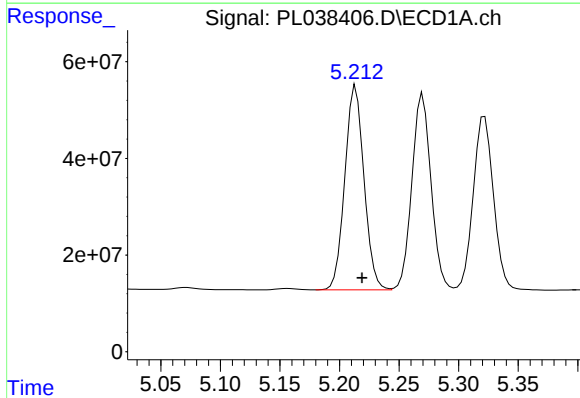
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



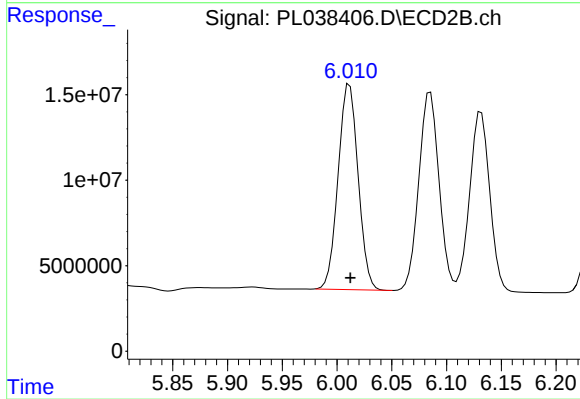
#24 Chlordane-2

R.T.: 5.399 min  
Delta R.T.: 0.024 min  
Response: 169548362  
Conc: 1415.85 ng/ml



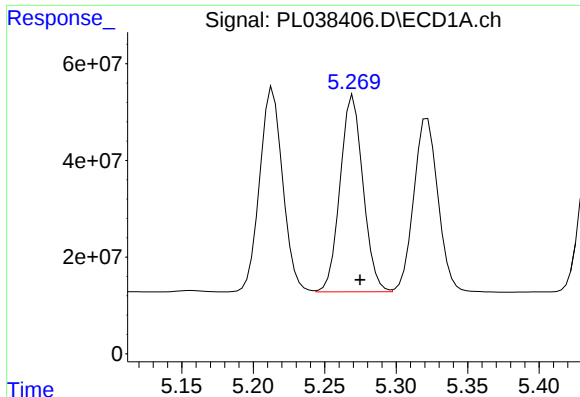
#25 Chlordane-3

R.T.: 5.214 min  
Delta R.T.: -0.005 min  
Response: 472704906  
Conc: 406.34 ng/ml



#25 Chlordane-3

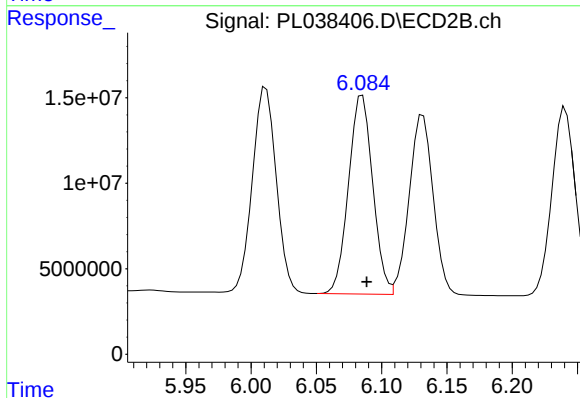
R.T.: 6.011 min  
Delta R.T.: 0.000 min  
Response: 152689244  
Conc: 374.33 ng/ml



#26 Chlordane-4

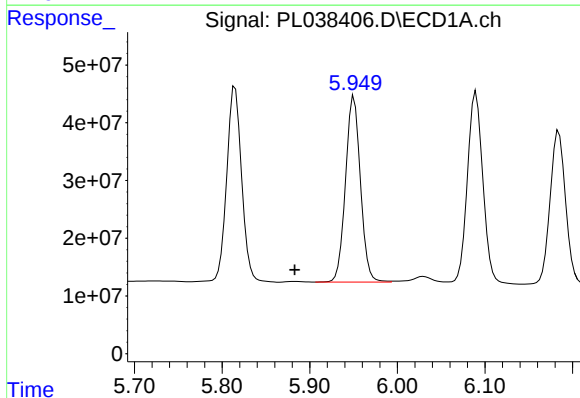
R.T.: 5.270 min  
Delta R.T.: -0.005 min  
Response: 454524762  
Conc: 432.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



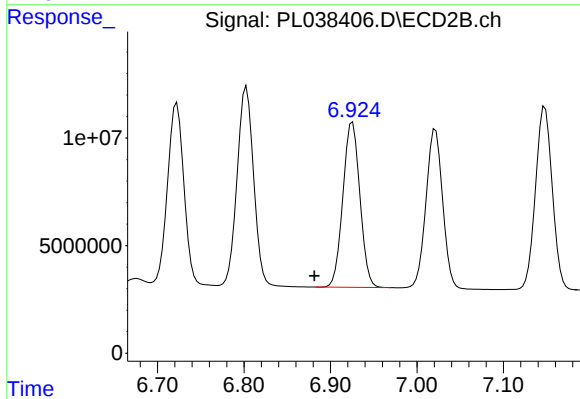
#26 Chlordane-4

R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 149885604  
Conc: 305.07 ng/ml



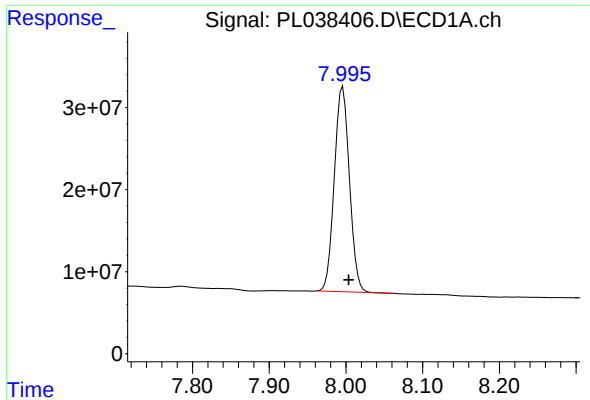
#27 Chlordane-5

R.T.: 5.951 min  
Delta R.T.: 0.067 min  
Response: 381495265  
Conc: 2382.36 ng/ml



#27 Chlordane-5

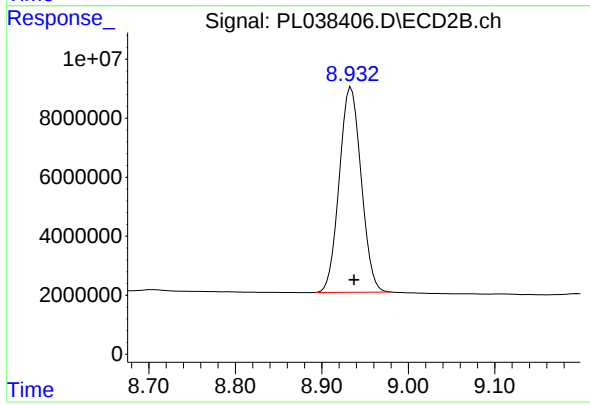
R.T.: 6.925 min  
Delta R.T.: 0.044 min  
Response: 104096224  
Conc: 1162.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: -0.008 min  
Response: 342181942  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.934 min  
Delta R.T.: -0.003 min  
Response: 121704039  
Conc: 49.79 ng/ml