

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080521\  
 Data File : PD064767.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2021 13:44  
 Operator : AR\AJ  
 Sample : M3169-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C00A2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 23:27:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 28 07:07:14 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 5.405  | 4.618  | 20244718 | 190.7E6  | 16.971  | 20.872     |
| 27)                         | SA Decachlor... | 11.304 | 10.360 | 21334085 | 163.1E6  | 16.207  | 27.427 #   |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.972  | 5.295f | 2461910  | 19141200 | 1.511   | 1.553      |
| 3)                          | MA gamma-BHC... | 6.348f | 5.734  | 8190170  | 31954923 | 5.222   | 2.802 #    |
| 4)                          | MA Heptachlor   | 0.000  | 6.123f | 0        | 14188206 | N.D.    | 1.251      |
| 5)                          | MB Aldrin       | 7.411  | 6.463  | 6309452  | 20843727 | 4.006   | 1.982 #    |
| 6)                          | B beta-BHC      | 6.633  | 6.123  | 602456   | 14188206 | 0.772   | 2.339 #    |
| 7)                          | B delta-BHC     | 6.879f | 6.376  | 5140907  | 6468696  | 2.954   | 0.595 #    |
| 8)                          | B Heptachlor... | 7.843  | 7.033  | 2086930  | 27454378 | 1.216   | 2.966 #    |
| 9)                          | A Endosulfan I  | 8.332f | 7.470  | 4594198  | 97359845 | 3.259   | 12.661 #   |
| 10)                         | B trans-Chl...  | 8.133  | 7.346  | 22119975 | 66681380 | 13.804  | 7.352 #    |
| 11)                         | B cis-Chlor...  | 8.226  | 7.398  | 1887218  | 83093824 | 1.211   | 9.341 #    |
| 12)                         | B 4,4'-DDE      | 8.439  | 7.606  | 758176   | 18894244 | 0.526   | 2.504 #    |
| 13)                         | MA Dieldrin     | 8.569  | 7.738  | 1402780  | 72104920 | 0.941   | 8.977 #    |
| 14)                         | MA Endrin       | 8.819  | 8.032  | 923796   | 6816628  | 0.721   | 1.187 #    |
| 15)                         | B Endosulfa...  | 9.037  | 8.338  | 671102   | 36018019 | 0.517   | 6.240 #    |
| 16)                         | A 4,4'-DDD      | 8.950  | 8.176  | 10878097 | 26329142 | 8.862   | 4.571 #    |
| 17)                         | MA 4,4'-DDT     | 9.312  | 8.436  | 4844651  | 11960108 | 3.711   | 2.173 #    |
| 19)                         | B Endosulfa...  | 9.390  | 8.762  | 2413373  | 19010140 | 1.751   | 3.527 #    |
| 20)                         | A Methoxychlor  | 9.735f | 9.063  | 1514195  | 83451849 | 2.116   | 32.591 #   |
| 21)                         | B Endrin ke...  | 9.877f | 9.330f | -2764760 | 51390946 | N.D.    | 8.567      |
| 22)                         | Toxaphene-1     | 8.477  | 7.702  | 887161   | 110.3E6  | 95.075  | 2931.508 # |
| 23)                         | Toxaphene-2     | 9.037  | 7.927  | 671102   | 23809633 | 38.497  | 281.944 #  |
| 24)                         | Toxaphene-3     | 9.246  | 8.338  | 1431443  | 36018019 | 118.089 | 314.356 #  |
| 25)                         | Toxaphene-4     | 9.390  | 8.800  | 2413373  | 1322631  | 100.462 | 23.479 #   |
| -----                       |                 |        |        |          |          |         |            |

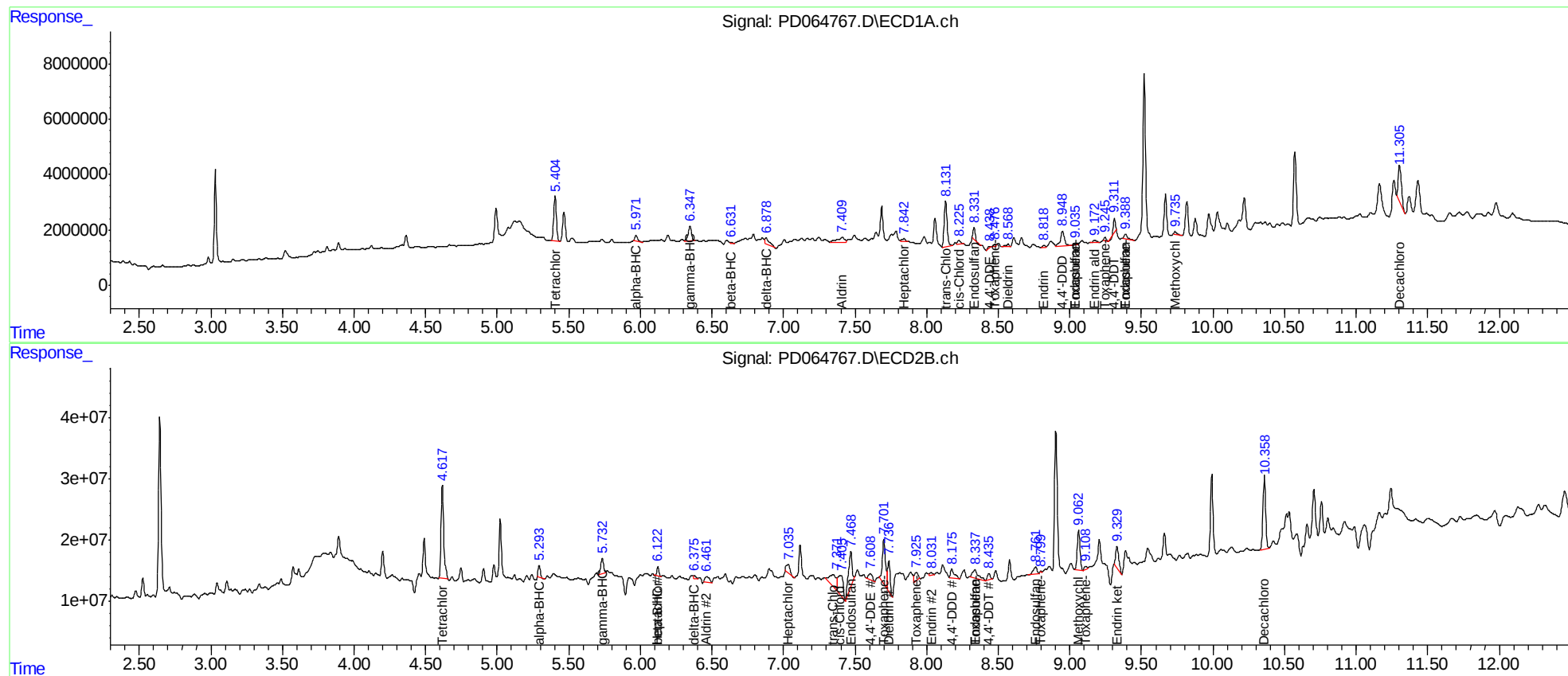
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

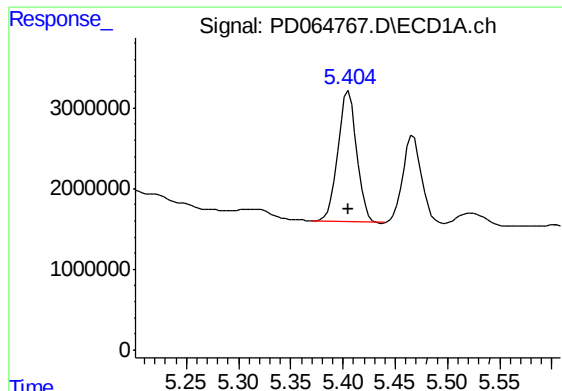
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080521\  
Data File : PD064767.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2021 13:44  
Operator : AR\AJ  
Sample : M3169-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C00A2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 23:27:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

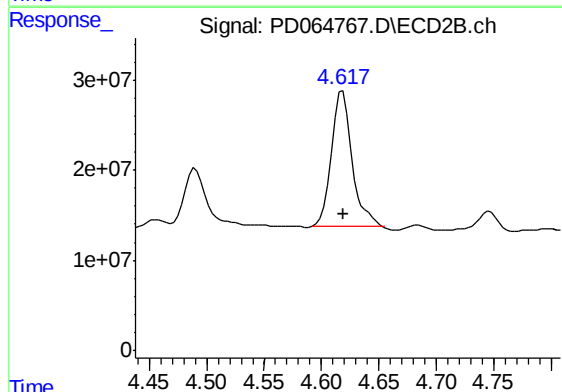




#1 Tetrachloro-m-xylene

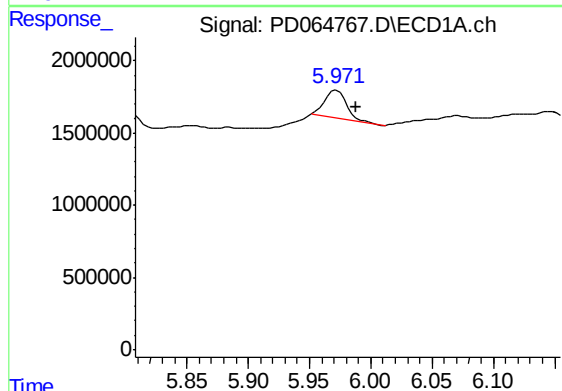
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 20244718  
Conc: 16.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



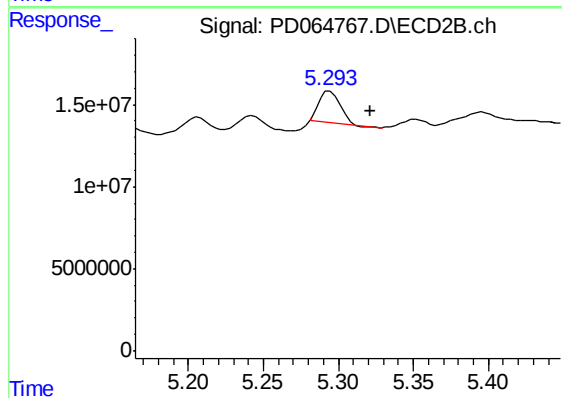
#1 Tetrachloro-m-xylene

R.T.: 4.618 min  
Delta R.T.: -0.002 min  
Response: 190720506  
Conc: 20.87 ng/ml



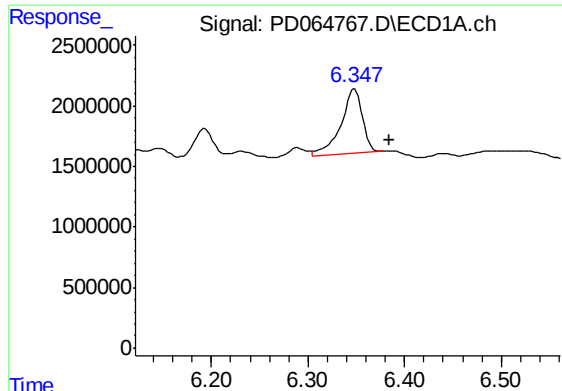
#2 alpha-BHC

R.T.: 5.972 min  
Delta R.T.: -0.016 min  
Response: 2461910  
Conc: 1.51 ng/ml



#2 alpha-BHC

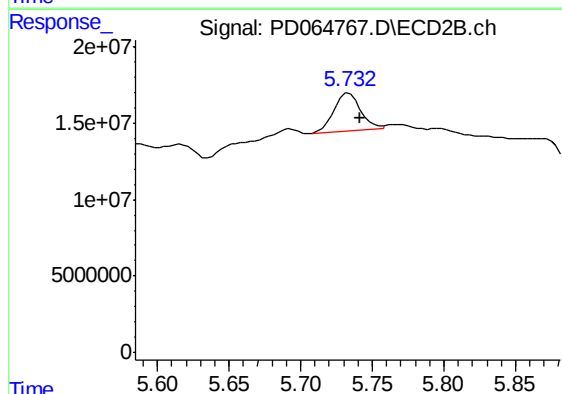
R.T.: 5.295 min  
Delta R.T.: -0.027 min  
Response: 19141200  
Conc: 1.55 ng/ml



#3 gamma-BHC (Lindane)

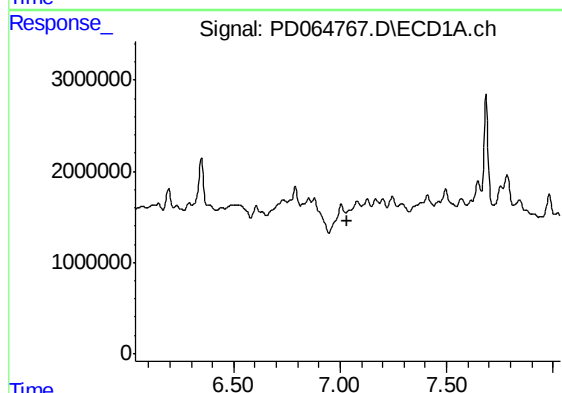
R.T.: 6.348 min  
Delta R.T.: -0.037 min  
Response: 8190170  
Conc: 5.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



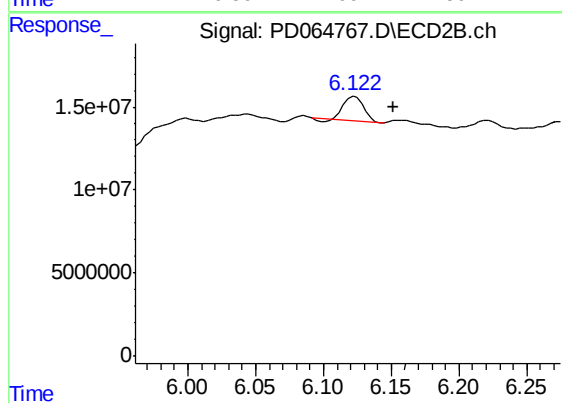
#3 gamma-BHC (Lindane)

R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 31954923  
Conc: 2.80 ng/ml



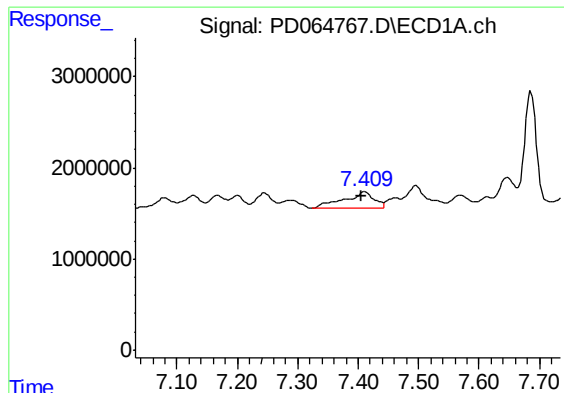
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 7.035 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

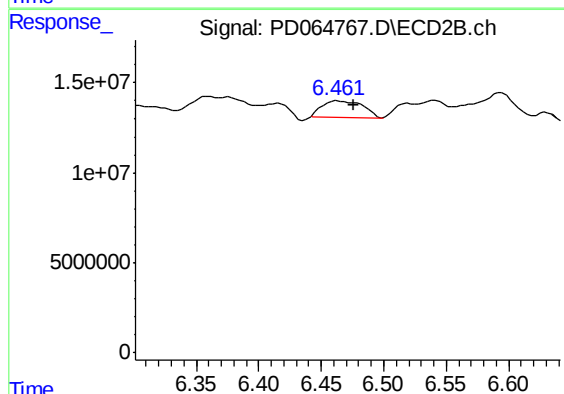
R.T.: 6.123 min  
Delta R.T.: -0.028 min  
Response: 14188206  
Conc: 1.25 ng/ml



#5 Aldrin

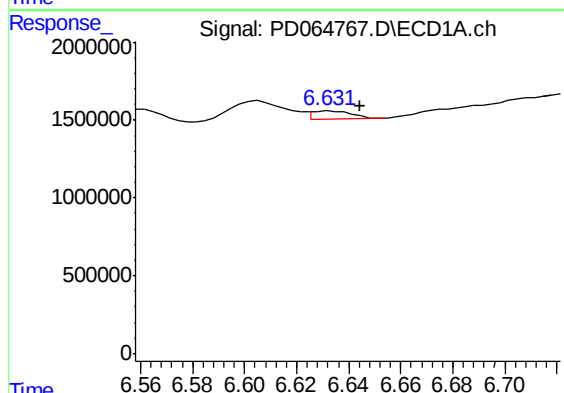
R.T.: 7.411 min  
Delta R.T.: 0.005 min  
Response: 6309452  
Conc: 4.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



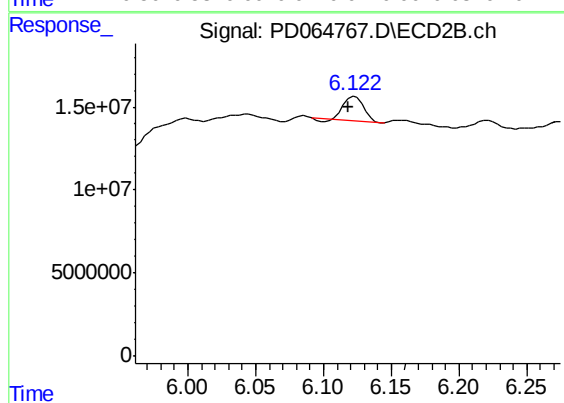
#5 Aldrin

R.T.: 6.463 min  
Delta R.T.: -0.013 min  
Response: 20843727  
Conc: 1.98 ng/ml



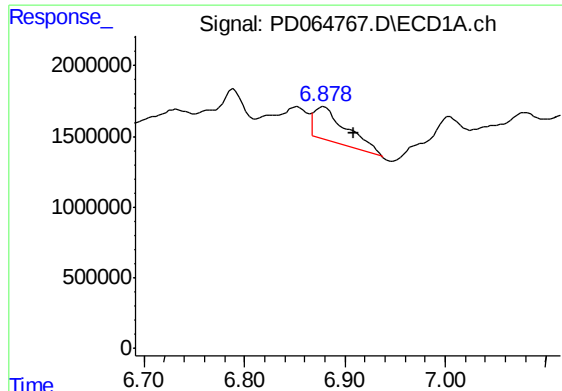
#6 beta-BHC

R.T.: 6.633 min  
Delta R.T.: -0.011 min  
Response: 602456  
Conc: 0.77 ng/ml



#6 beta-BHC

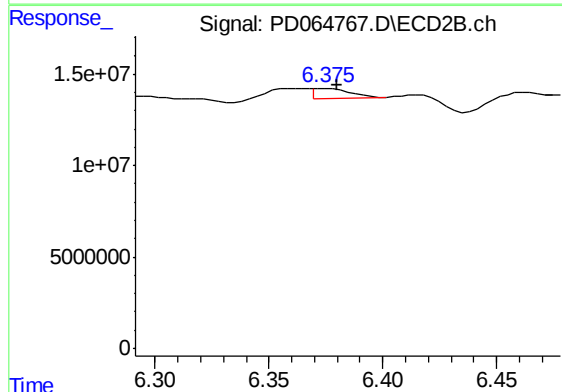
R.T.: 6.123 min  
Delta R.T.: 0.005 min  
Response: 14188206  
Conc: 2.34 ng/ml



#7 delta-BHC

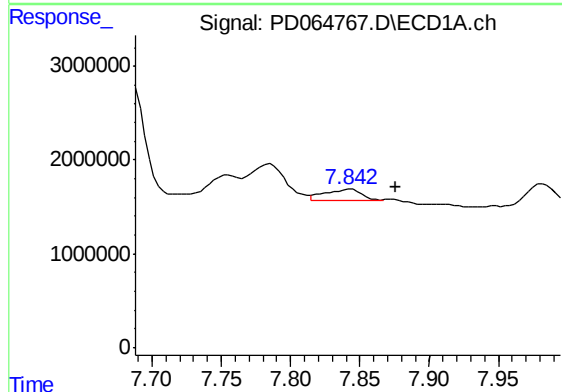
R.T.: 6.879 min  
Delta R.T.: -0.029 min  
Response: 5140907  
Conc: 2.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



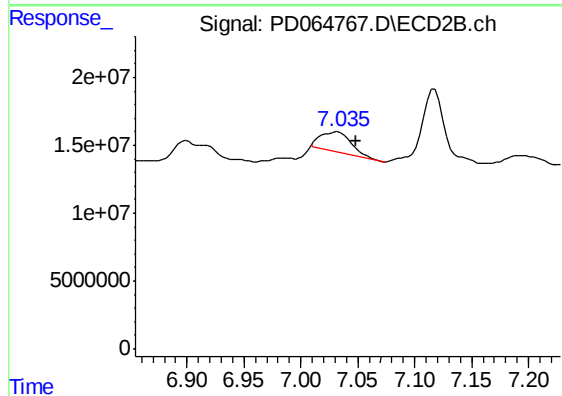
#7 delta-BHC

R.T.: 6.376 min  
Delta R.T.: -0.004 min  
Response: 6468696  
Conc: 0.60 ng/ml



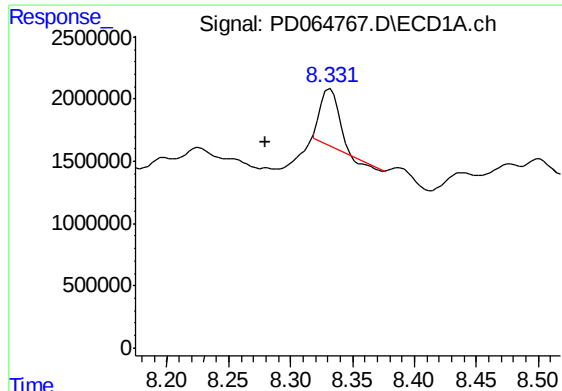
#8 Heptachlor epoxide

R.T.: 7.843 min  
Delta R.T.: -0.033 min  
Response: 2086930  
Conc: 1.22 ng/ml



#8 Heptachlor epoxide

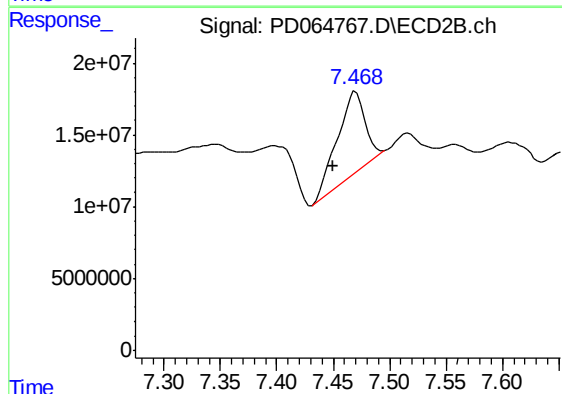
R.T.: 7.033 min  
Delta R.T.: -0.016 min  
Response: 27454378  
Conc: 2.97 ng/ml



#9 Endosulfan I

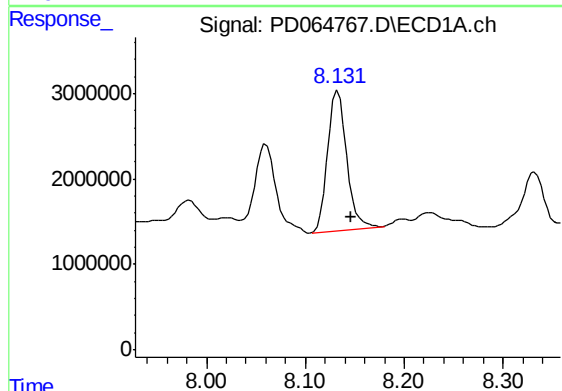
R.T.: 8.332 min  
Delta R.T.: 0.053 min  
Response: 4594198  
Conc: 3.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



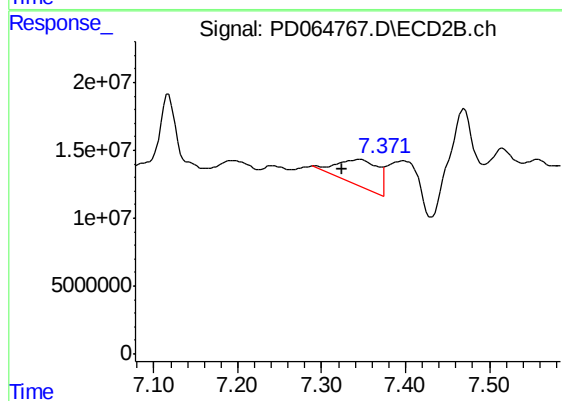
#9 Endosulfan I

R.T.: 7.470 min  
Delta R.T.: 0.021 min  
Response: 97359845  
Conc: 12.66 ng/ml



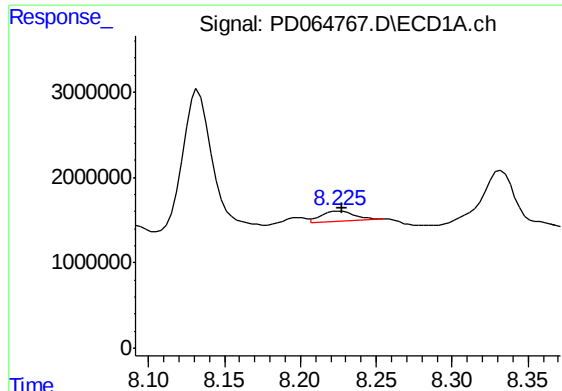
#10 trans-Chlordane

R.T.: 8.133 min  
Delta R.T.: -0.013 min  
Response: 22119975  
Conc: 13.80 ng/ml



#10 trans-Chlordane

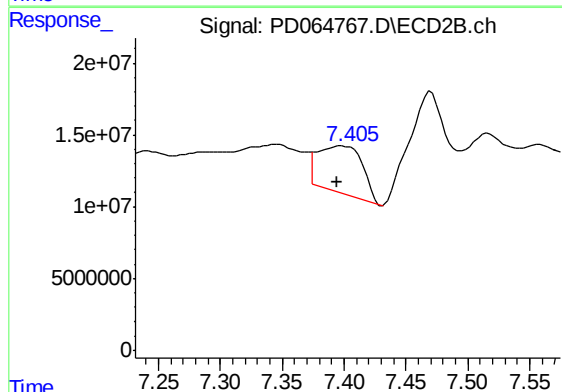
R.T.: 7.346 min  
Delta R.T.: 0.021 min  
Response: 66681380  
Conc: 7.35 ng/ml



#11 cis-Chlordane

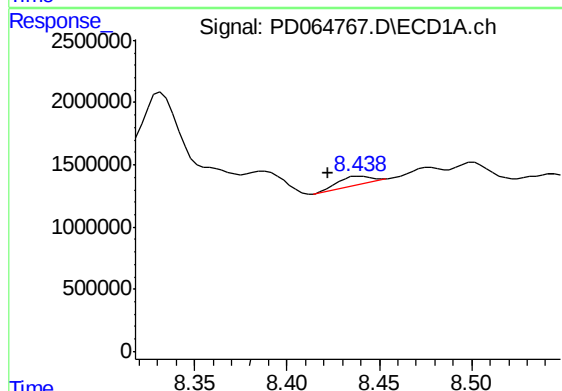
R.T.: 8.226 min  
Delta R.T.: -0.001 min  
Response: 1887218  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



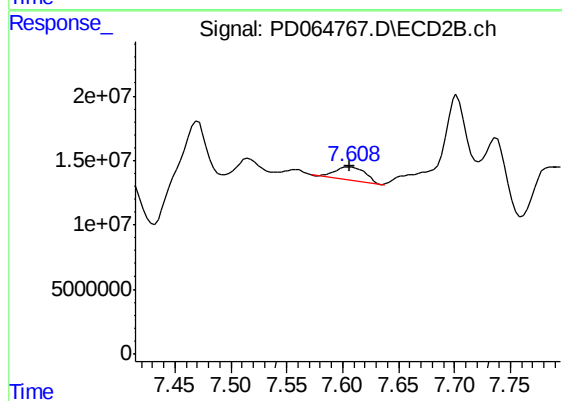
#11 cis-Chlordane

R.T.: 7.398 min  
Delta R.T.: 0.004 min  
Response: 83093824  
Conc: 9.34 ng/ml



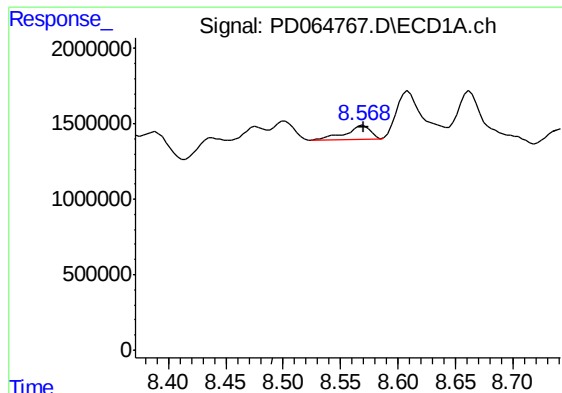
#12 4,4'-DDE

R.T.: 8.439 min  
Delta R.T.: 0.017 min  
Response: 758176  
Conc: 0.53 ng/ml



#12 4,4'-DDE

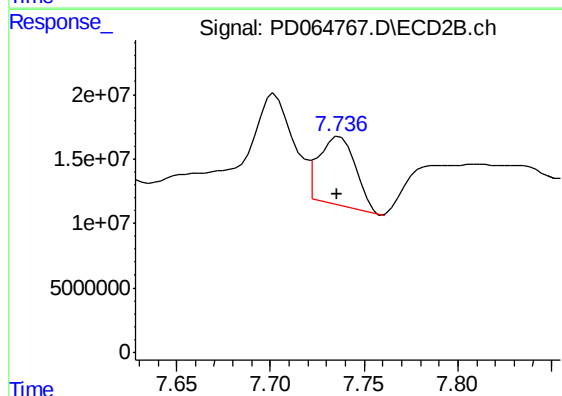
R.T.: 7.606 min  
Delta R.T.: 0.000 min  
Response: 18894244  
Conc: 2.50 ng/ml



#13 Dieldrin

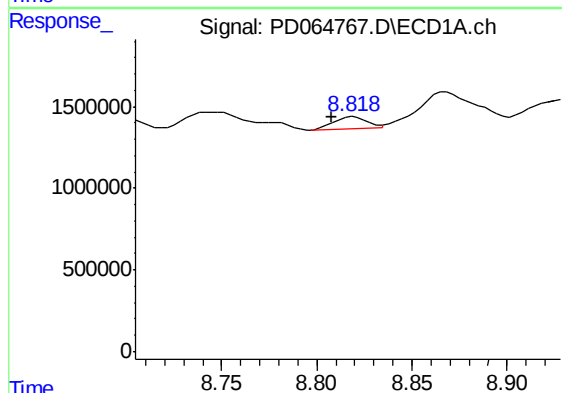
R.T.: 8.569 min  
Delta R.T.: 0.000 min  
Response: 1402780  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



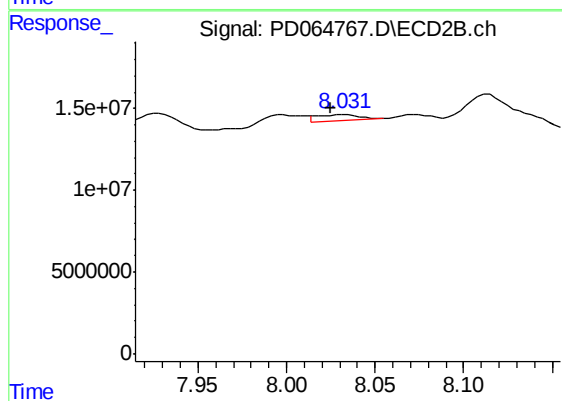
#13 Dieldrin

R.T.: 7.738 min  
Delta R.T.: 0.002 min  
Response: 72104920  
Conc: 8.98 ng/ml



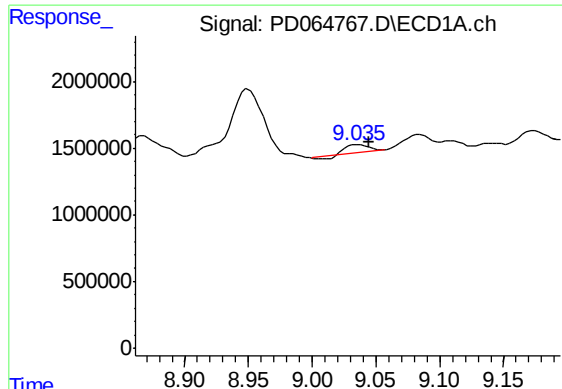
#14 Endrin

R.T.: 8.819 min  
Delta R.T.: 0.012 min  
Response: 923796  
Conc: 0.72 ng/ml



#14 Endrin

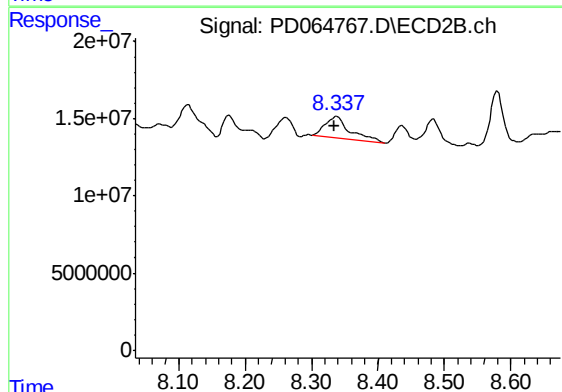
R.T.: 8.032 min  
Delta R.T.: 0.008 min  
Response: 6816628  
Conc: 1.19 ng/ml



#15 Endosulfan II

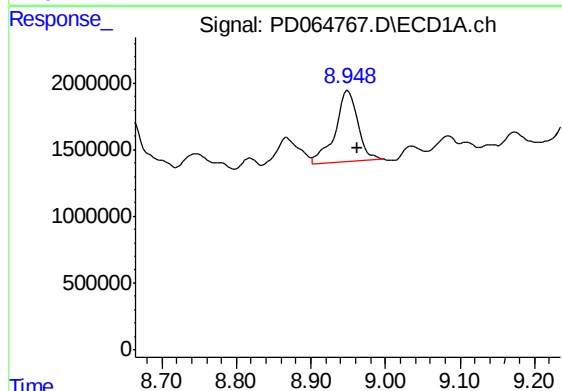
R.T.: 9.037 min  
Delta R.T.: -0.008 min  
Response: 671102  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



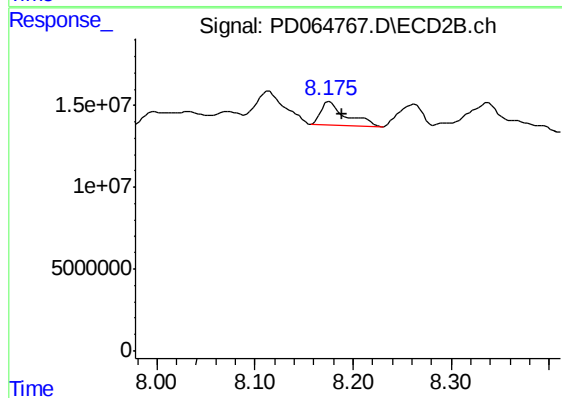
#15 Endosulfan II

R.T.: 8.338 min  
Delta R.T.: 0.003 min  
Response: 36018019  
Conc: 6.24 ng/ml



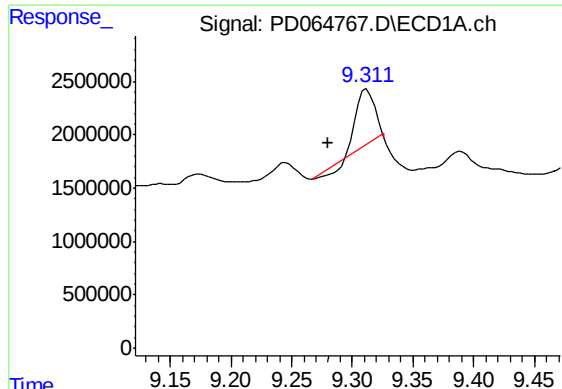
#16 4,4'-DDD

R.T.: 8.950 min  
Delta R.T.: -0.012 min  
Response: 10878097  
Conc: 8.86 ng/ml



#16 4,4'-DDD

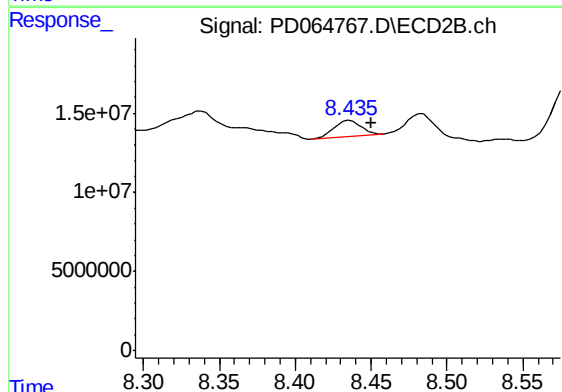
R.T.: 8.176 min  
Delta R.T.: -0.012 min  
Response: 26329142  
Conc: 4.57 ng/ml



#17 4,4'-DDT

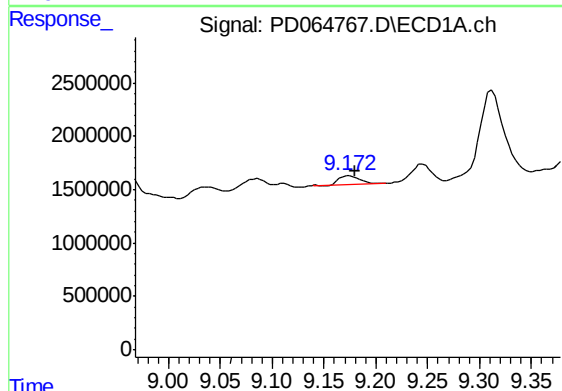
R.T.: 9.312 min  
Delta R.T.: 0.032 min  
Response: 4844651  
Conc: 3.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



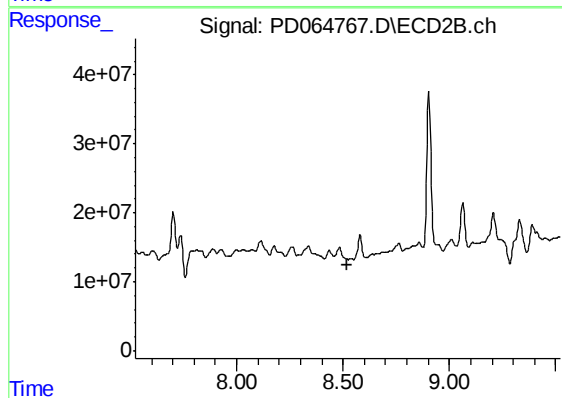
#17 4,4'-DDT

R.T.: 8.436 min  
Delta R.T.: -0.014 min  
Response: 11960108  
Conc: 2.17 ng/ml



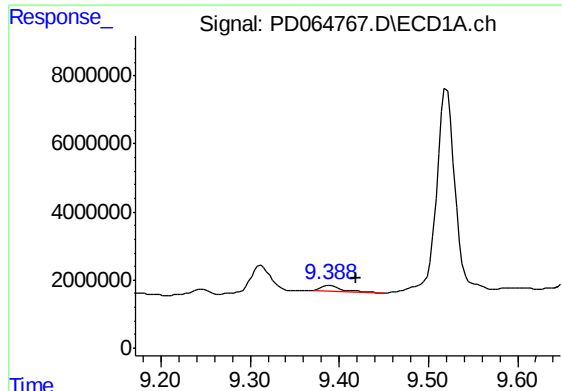
#18 Endrin aldehyde

R.T.: 9.174 min  
Delta R.T.: -0.006 min  
Response: 1059348  
Conc: 0.94 ng/ml



#18 Endrin aldehyde

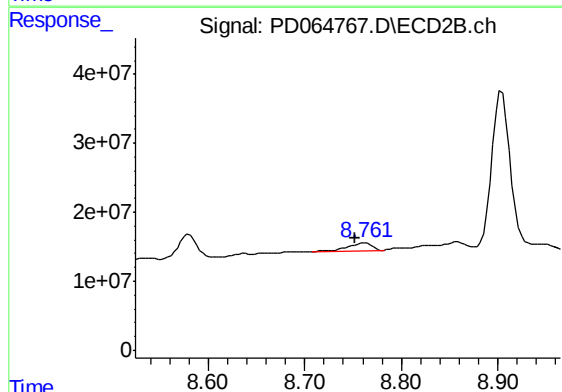
R.T.: 8.538 min  
Delta R.T.: 0.016 min  
Response: -4736432  
Conc: N.D.



#19 Endosulfan Sulfate

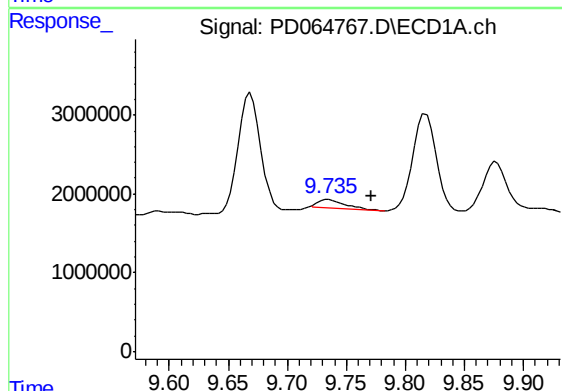
R.T.: 9.390 min  
Delta R.T.: -0.029 min  
Response: 2413373  
Conc: 1.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



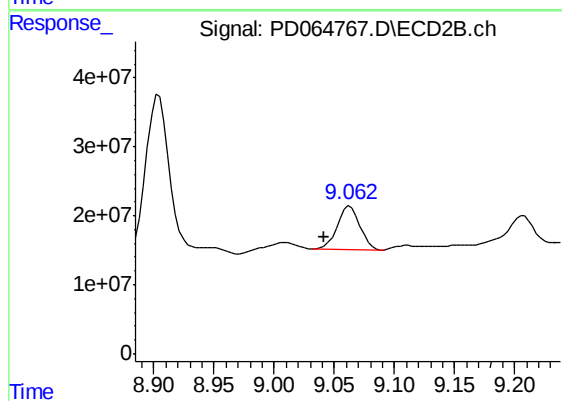
#19 Endosulfan Sulfate

R.T.: 8.762 min  
Delta R.T.: 0.010 min  
Response: 19010140  
Conc: 3.53 ng/ml



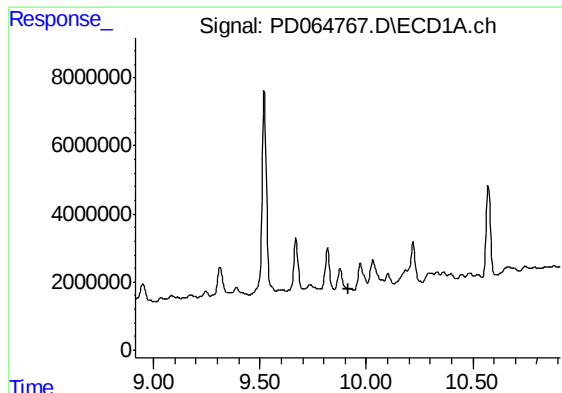
#20 Methoxychlor

R.T.: 9.735 min  
Delta R.T.: -0.036 min  
Response: 1514195  
Conc: 2.12 ng/ml



#20 Methoxychlor

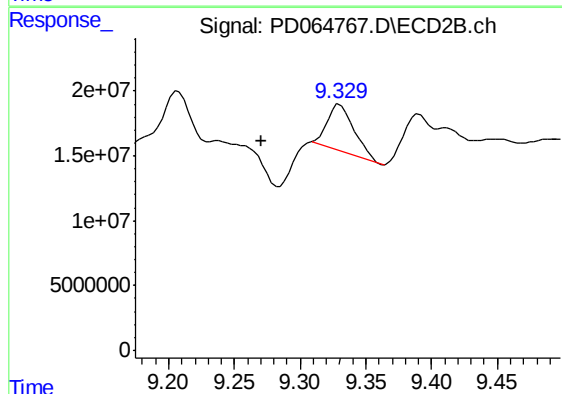
R.T.: 9.063 min  
Delta R.T.: 0.021 min  
Response: 83451849  
Conc: 32.59 ng/ml



#21 Endrin ketone

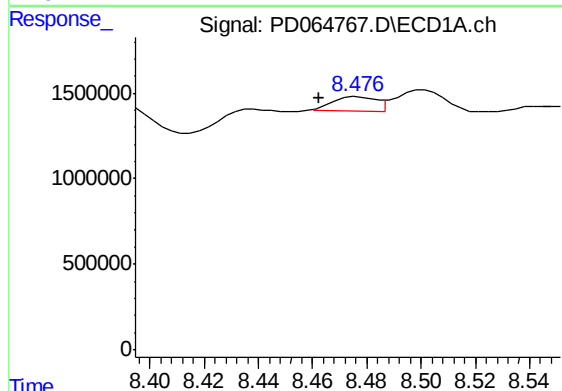
R.T.: 9.877 min  
Delta R.T.: -0.037 min  
Response: -2764760  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



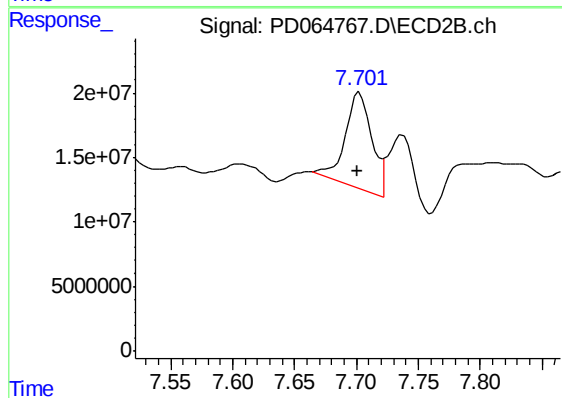
#21 Endrin ketone

R.T.: 9.330 min  
Delta R.T.: 0.059 min  
Response: 51390946  
Conc: 8.57 ng/ml



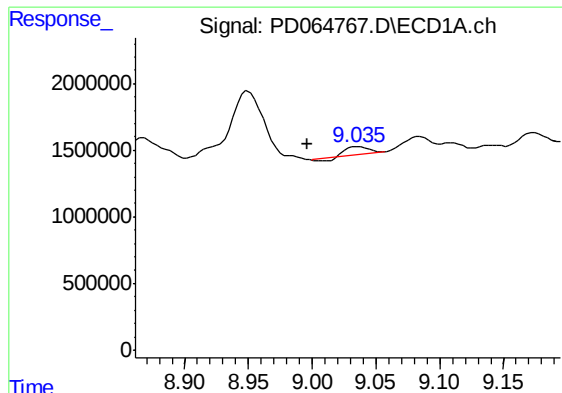
#22 Toxaphene-1

R.T.: 8.477 min  
Delta R.T.: 0.014 min  
Response: 887161  
Conc: 95.07 ng/ml



#22 Toxaphene-1

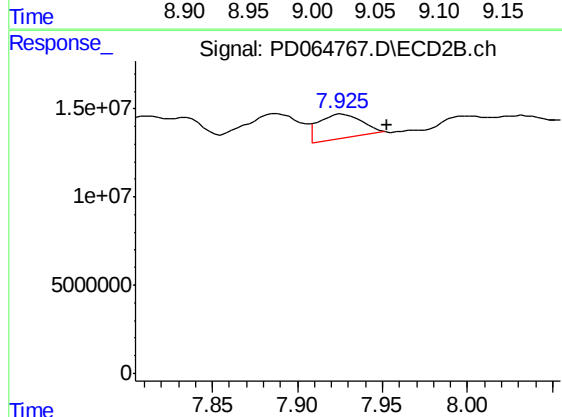
R.T.: 7.702 min  
Delta R.T.: 0.001 min  
Response: 110299388  
Conc: 2931.51 ng/ml



#23 Toxaphene-2

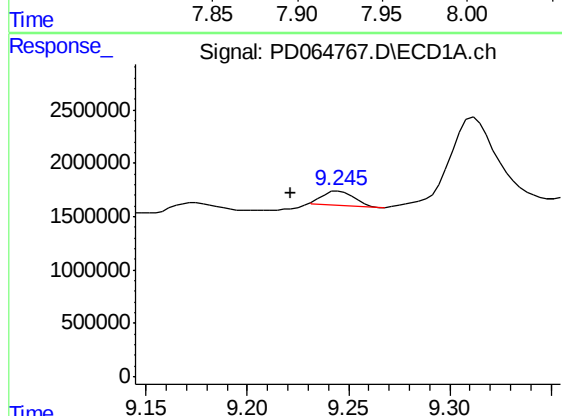
R.T.: 9.037 min  
Delta R.T.: 0.040 min  
Response: 671102  
Conc: 38.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



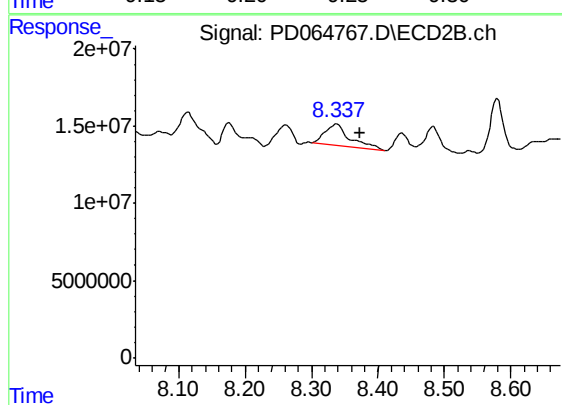
#23 Toxaphene-2

R.T.: 7.927 min  
Delta R.T.: -0.025 min  
Response: 23809633  
Conc: 281.94 ng/ml



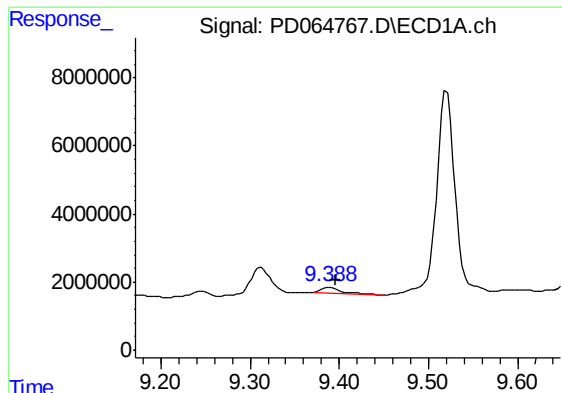
#24 Toxaphene-3

R.T.: 9.246 min  
Delta R.T.: 0.024 min  
Response: 1431443  
Conc: 118.09 ng/ml



#24 Toxaphene-3

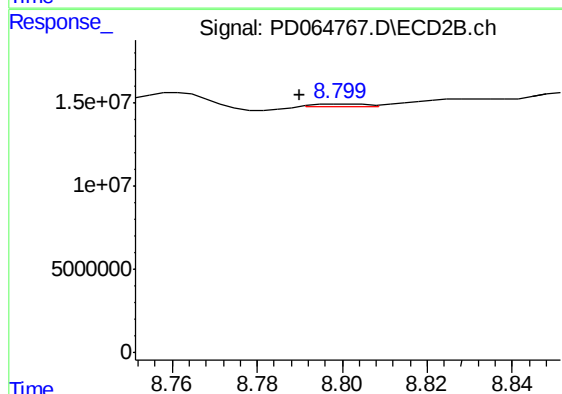
R.T.: 8.338 min  
Delta R.T.: -0.035 min  
Response: 36018019  
Conc: 314.36 ng/ml



#25 Toxaphene-4

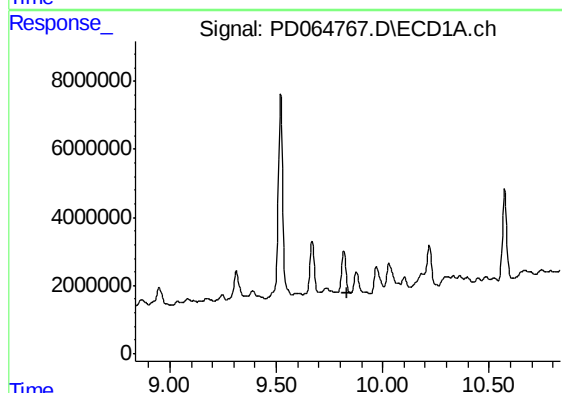
R.T.: 9.390 min  
Delta R.T.: -0.007 min  
Response: 2413373  
Conc: 100.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



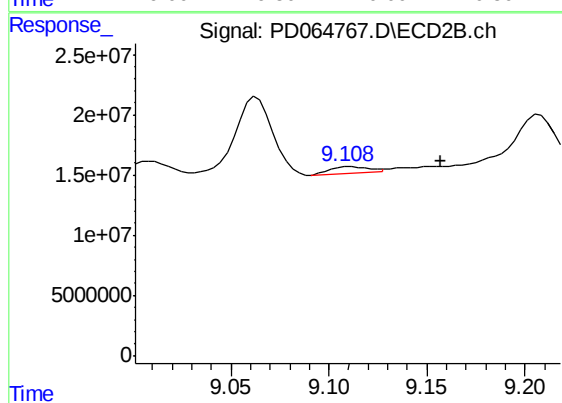
#25 Toxaphene-4

R.T.: 8.800 min  
Delta R.T.: 0.010 min  
Response: 1322631  
Conc: 23.48 ng/ml



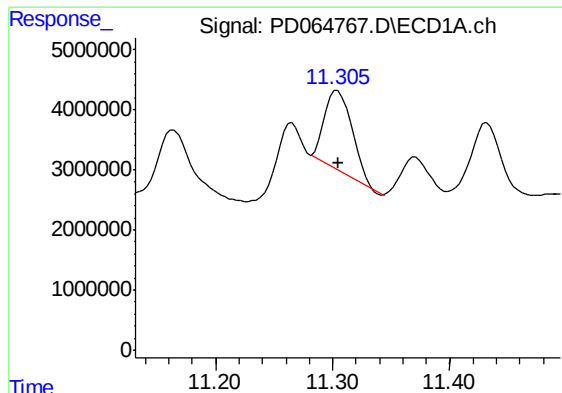
#26 Toxaphene-5

R.T.: 9.877 min  
Delta R.T.: 0.041 min  
Response: -2764760  
Conc: N.D.



#26 Toxaphene-5

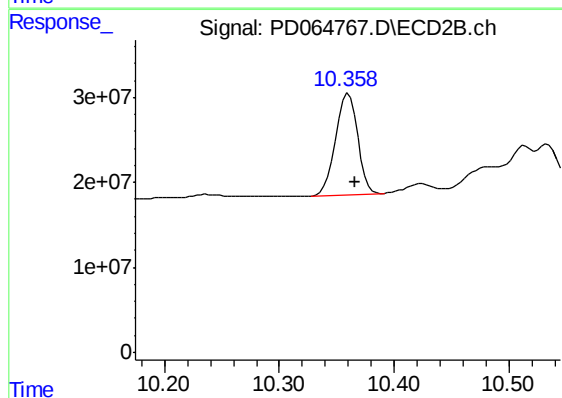
R.T.: 9.111 min  
Delta R.T.: -0.046 min  
Response: 7199667  
Conc: 57.27 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min  
Delta R.T.: -0.001 min  
Response: 21334085  
Conc: 16.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00A2



#27 Decachlorobiphenyl

R.T.: 10.360 min  
Delta R.T.: -0.006 min  
Response: 163106836  
Conc: 27.43 ng/ml