

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
 Data File : PD064721.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2021 13:23  
 Operator : AR\AJ  
 Sample : M3169-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C00B0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 05:55:25 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

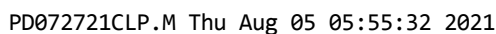
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

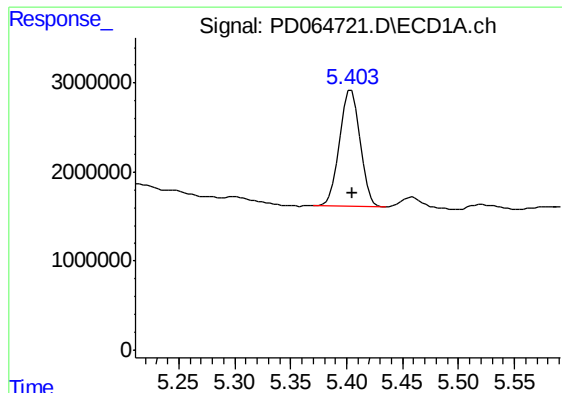
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 5.404  | 4.617  | 16376228 | 170.9E6  | 13.728  | 18.701 #   |
| 27)                         | SA Decachlor... | 11.304 | 10.359 | 23718670 | 137.6E6  | 18.018  | 23.145 #   |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.967  | 5.300  | 1049783  | 11698284 | 0.644   | 0.949 #    |
| 3)                          | MA gamma-BHC... | 6.393  | 5.733  | 812623   | 66418444 | 0.518   | 5.824 #    |
| 4)                          | MA Heptachlor   | 0.000  | 6.180f | 0        | 118787   | N.D.    | <MDL       |
| 5)                          | MB Aldrin       | 7.422  | 6.464  | 4399766  | 43764632 | 2.793   | 4.160 #    |
| 6)                          | B beta-BHC      | 6.637  | 6.122  | 840463   | 29045584 | 1.077   | 4.788 #    |
| 7)                          | B delta-BHC     | 0.000  | 6.358  | 0        | 23541925 | N.D.    | 2.167      |
| 8)                          | B Heptachlor... | 7.875  | 7.041  | 1995688  | 16175979 | 1.162   | 1.747 #    |
| 9)                          | A Endosulfan I  | 8.228f | 7.468  | 3860059  | 130.0E6  | 2.738   | 16.912 #   |
| 10)                         | B trans-Chl...  | 8.131  | 7.346  | 39697914 | 101.1E6  | 24.773  | 11.145 #   |
| 11)                         | B cis-Chlor...  | 8.228  | 7.392  | 3860059  | 113.2E6  | 2.477   | 12.721 #   |
| 12)                         | B 4,4'-DDE      | 8.425  | 7.603  | 1838743  | 47357691 | 1.276   | 6.276 #    |
| 13)                         | MA Dieldrin     | 8.568  | 7.736  | 1953944  | 79688466 | 1.310   | 9.922 #    |
| 14)                         | MA Endrin       | 8.818  | 8.033  | 2731860  | 9043267  | 2.134   | 1.574 #    |
| 15)                         | B Endosulfa...  | 9.032  | 8.335  | 2764831  | 34916874 | 2.129   | 6.049 #    |
| 16)                         | A 4,4'-DDD      | 8.954  | 8.177  | 19317219 | 60982824 | 15.736  | 10.588 #   |
| 17)                         | MA 4,4'-DDT     | 9.277  | 8.444  | 82394856 | 319.9E6  | 63.116  | 58.111     |
| 19)                         | B Endosulfa...  | 9.388  | 8.750  | 5000233  | 45718385 | 3.628   | 8.482 #    |
| 20)                         | A Methoxychlor  | 9.737  | 9.062  | 4339895  | 37874303 | 6.065   | 14.791 #   |
| 21)                         | B Endrin ke...  | 9.875f | 9.331f | 5747910  | 72197920 | 3.799   | 12.036 #   |
| 22)                         | Toxaphene-1     | 8.425  | 7.701  | 1838743  | 178.4E6  | 197.053 | 4741.106 # |
| 23)                         | Toxaphene-2     | 9.032  | 7.925  | 2764831  | 36544470 | 158.601 | 432.745 #  |
| 24)                         | Toxaphene-3     | 9.245  | 8.387  | 4768408  | 19294245 | 393.378 | 168.395 #  |
| 25)                         | Toxaphene-4     | 9.388  | 8.750  | 5000233  | 45718385 | 208.145 | 811.593 #  |
| 26)                         | Toxaphene-5     | 9.875  | 9.110  | 5747910  | 11076138 | 311.322 | 88.106 #   |
| -----                       |                 |        |        |          |          |         |            |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 05:55:25 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

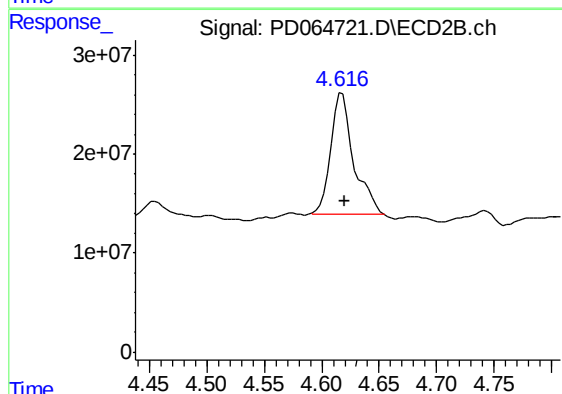




#1 Tetrachloro-m-xylene

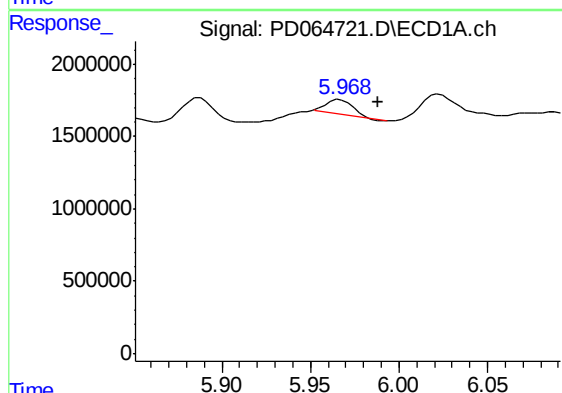
R.T.: 5.404 min  
Delta R.T.: 0.000 min  
Response: 16376228  
Conc: 13.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



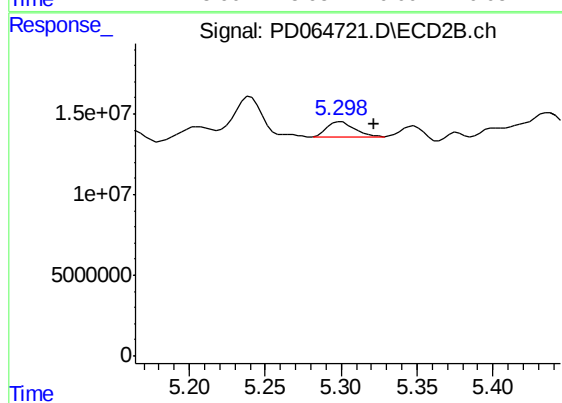
#1 Tetrachloro-m-xylene

R.T.: 4.617 min  
Delta R.T.: -0.002 min  
Response: 170886318  
Conc: 18.70 ng/ml



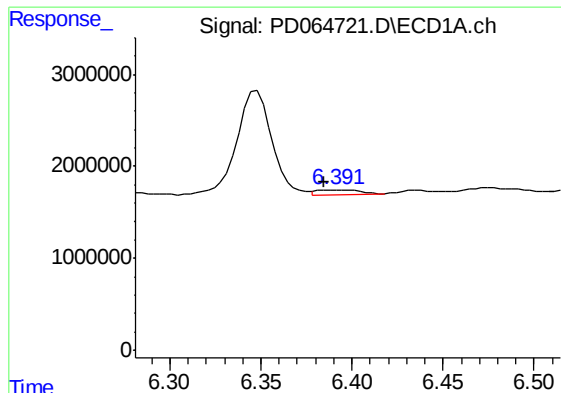
#2 alpha-BHC

R.T.: 5.967 min  
Delta R.T.: -0.021 min  
Response: 1049783  
Conc: 0.64 ng/ml



#2 alpha-BHC

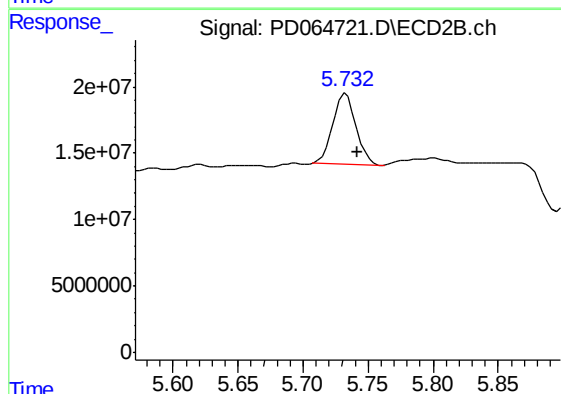
R.T.: 5.300 min  
Delta R.T.: -0.022 min  
Response: 11698284  
Conc: 0.95 ng/ml



#3 gamma-BHC (Lindane)

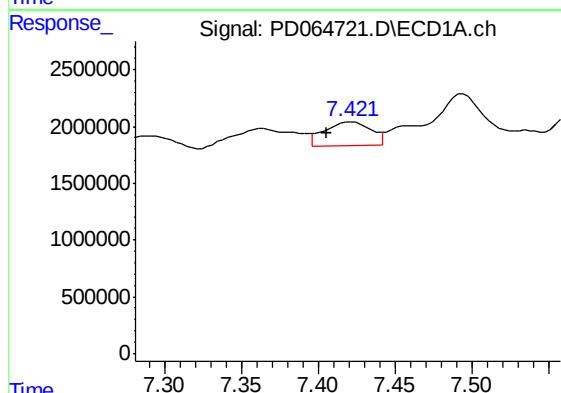
R.T.: 6.393 min  
Delta R.T.: 0.008 min  
Response: 812623  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



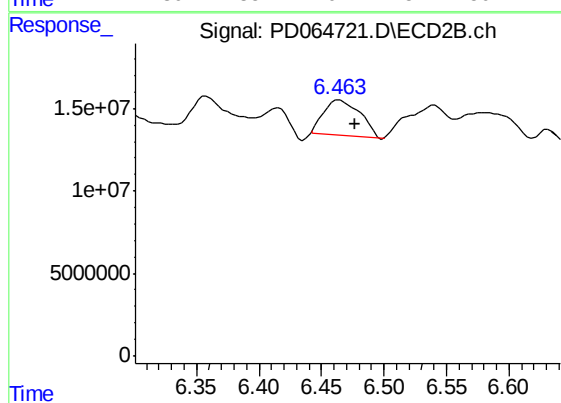
#3 gamma-BHC (Lindane)

R.T.: 5.733 min  
Delta R.T.: -0.009 min  
Response: 66418444  
Conc: 5.82 ng/ml



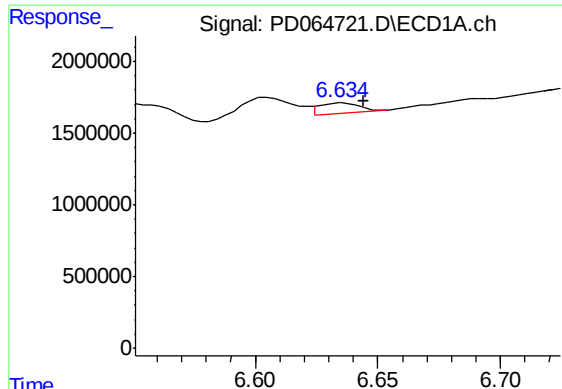
#5 Aldrin

R.T.: 7.422 min  
Delta R.T.: 0.016 min  
Response: 4399766  
Conc: 2.79 ng/ml



#5 Aldrin

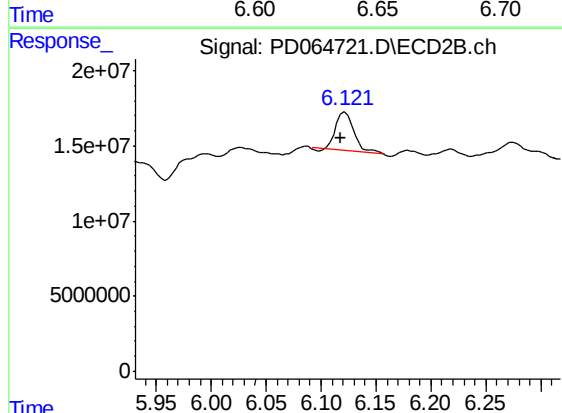
R.T.: 6.464 min  
Delta R.T.: -0.012 min  
Response: 43764632  
Conc: 4.16 ng/ml



#6 beta-BHC

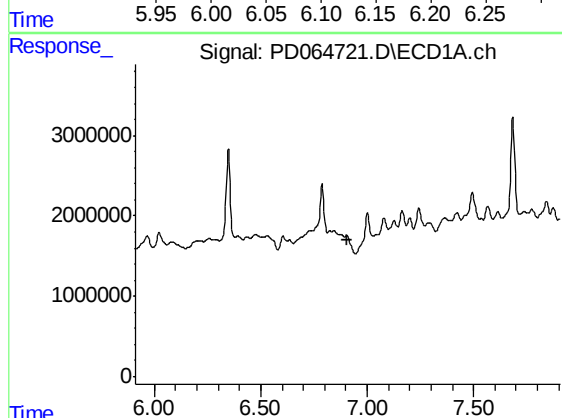
R.T.: 6.637 min  
Delta R.T.: -0.008 min  
Response: 840463  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



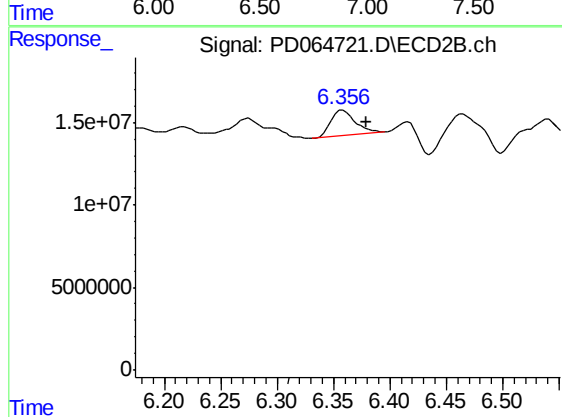
#6 beta-BHC

R.T.: 6.122 min  
Delta R.T.: 0.004 min  
Response: 29045584  
Conc: 4.79 ng/ml



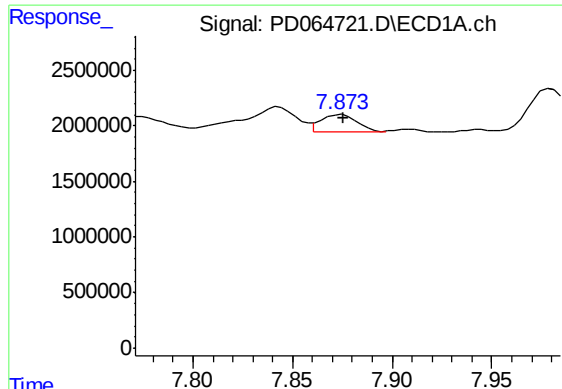
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

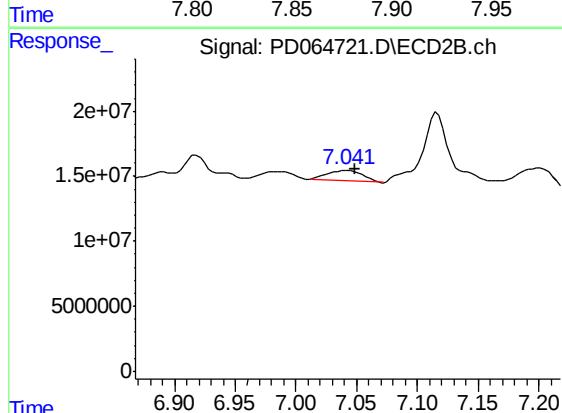
R.T.: 6.358 min  
Delta R.T.: -0.022 min  
Response: 23541925  
Conc: 2.17 ng/ml



#8 Heptachlor epoxide

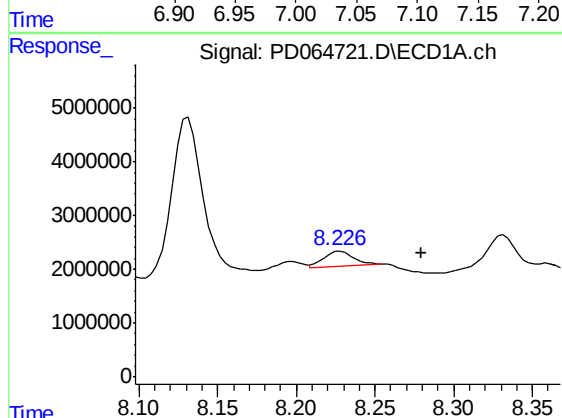
R.T.: 7.875 min  
Delta R.T.: 0.000 min  
Response: 1995688  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



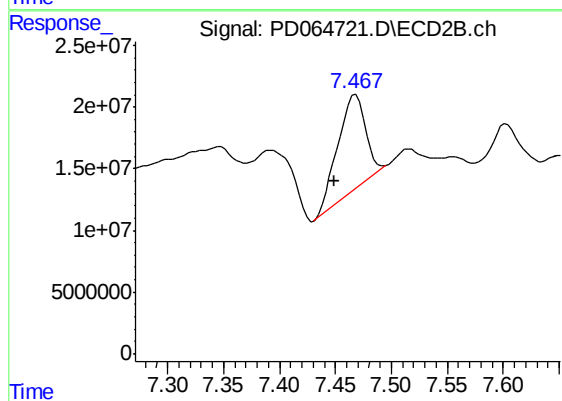
#8 Heptachlor epoxide

R.T.: 7.041 min  
Delta R.T.: -0.008 min  
Response: 16175979  
Conc: 1.75 ng/ml



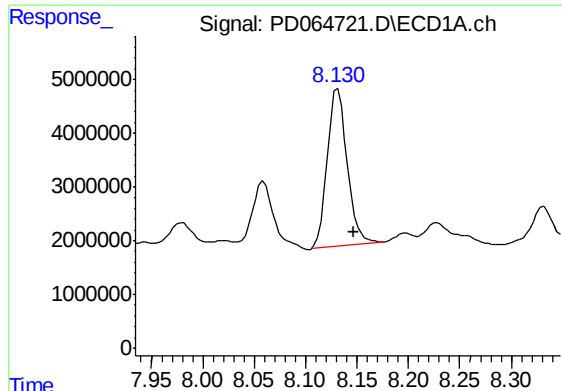
#9 Endosulfan I

R.T.: 8.228 min  
Delta R.T.: -0.052 min  
Response: 3860059  
Conc: 2.74 ng/ml



#9 Endosulfan I

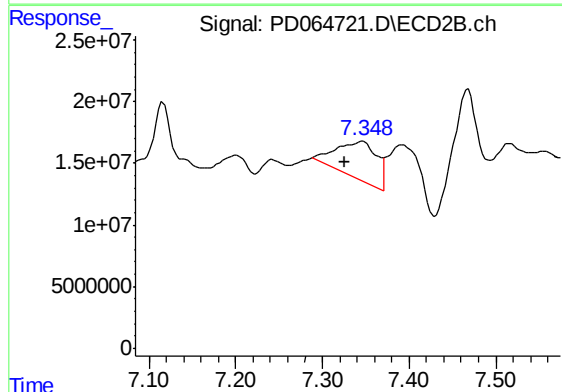
R.T.: 7.468 min  
Delta R.T.: 0.018 min  
Response: 130046970  
Conc: 16.91 ng/ml



#10 trans-Chlordane

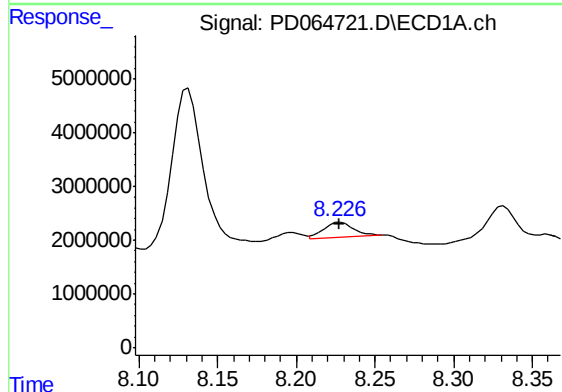
R.T.: 8.131 min  
Delta R.T.: -0.015 min  
Response: 39697914  
Conc: 24.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



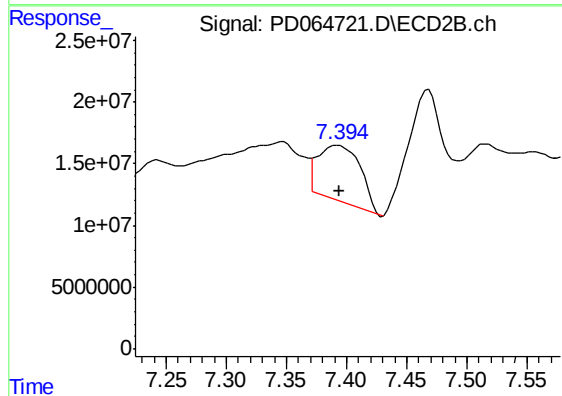
#10 trans-Chlordane

R.T.: 7.346 min  
Delta R.T.: 0.021 min  
Response: 101084852  
Conc: 11.14 ng/ml



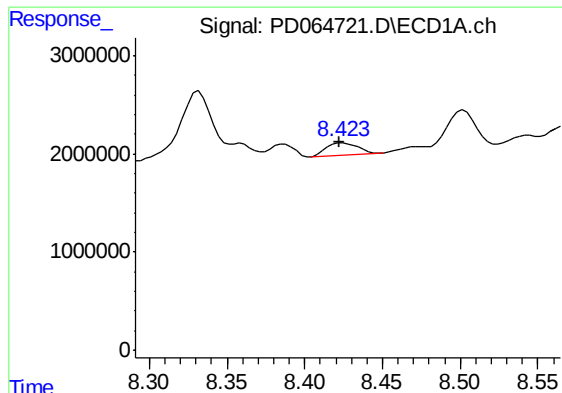
#11 cis-Chlordane

R.T.: 8.228 min  
Delta R.T.: 0.000 min  
Response: 3860059  
Conc: 2.48 ng/ml



#11 cis-Chlordane

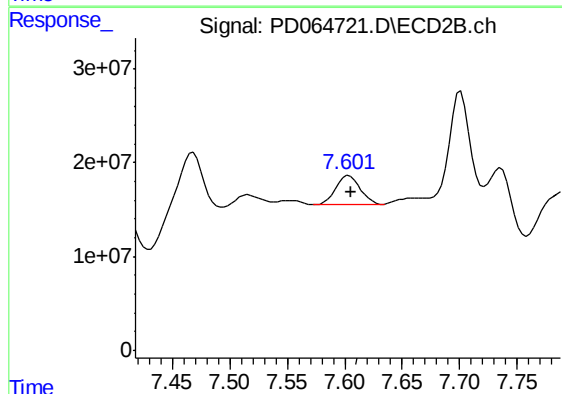
R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 113163239  
Conc: 12.72 ng/ml



#12 4,4'-DDE

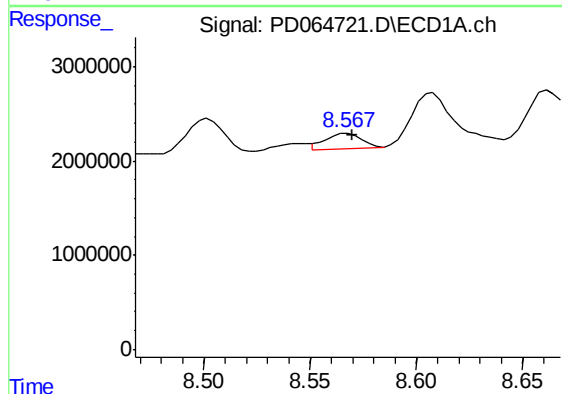
R.T.: 8.425 min  
Delta R.T.: 0.002 min  
Response: 1838743  
Conc: 1.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



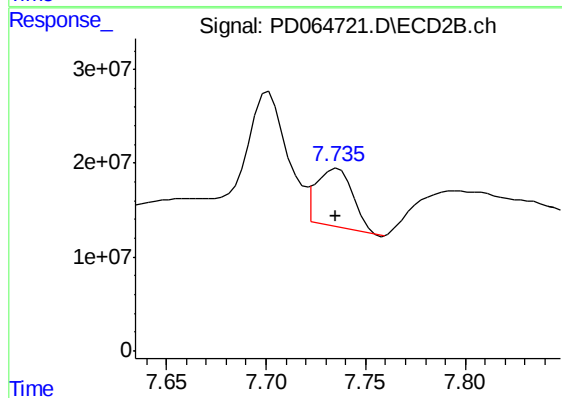
#12 4,4'-DDE

R.T.: 7.603 min  
Delta R.T.: -0.003 min  
Response: 47357691  
Conc: 6.28 ng/ml



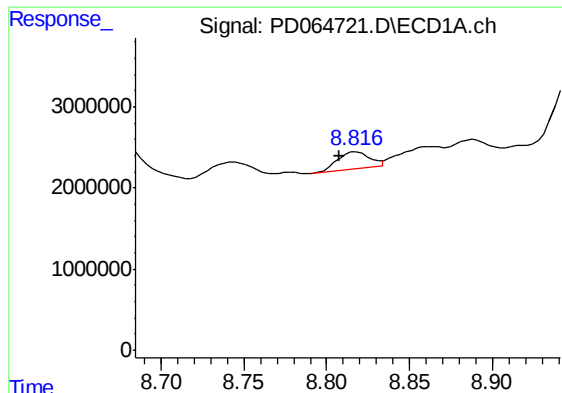
#13 Dieldrin

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 1953944  
Conc: 1.31 ng/ml



#13 Dieldrin

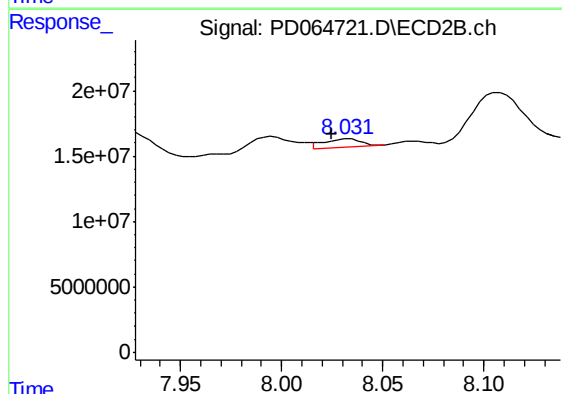
R.T.: 7.736 min  
Delta R.T.: 0.000 min  
Response: 79688466  
Conc: 9.92 ng/ml



#14 Endrin

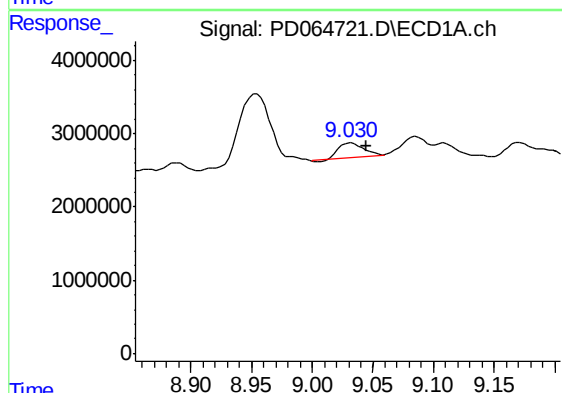
R.T.: 8.818 min  
Delta R.T.: 0.010 min  
Response: 2731860  
Conc: 2.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



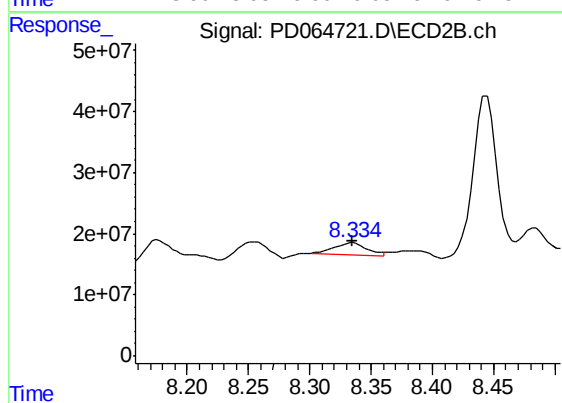
#14 Endrin

R.T.: 8.033 min  
Delta R.T.: 0.008 min  
Response: 9043267  
Conc: 1.57 ng/ml



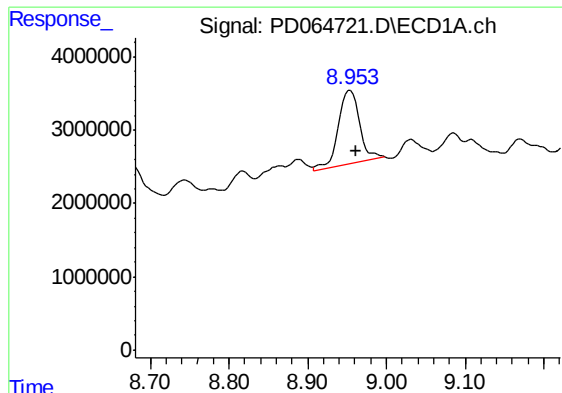
#15 Endosulfan II

R.T.: 9.032 min  
Delta R.T.: -0.013 min  
Response: 2764831  
Conc: 2.13 ng/ml



#15 Endosulfan II

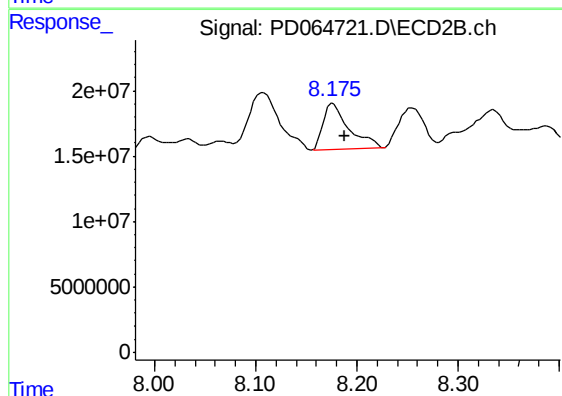
R.T.: 8.335 min  
Delta R.T.: 0.000 min  
Response: 34916874  
Conc: 6.05 ng/ml



#16 4,4'-DDD

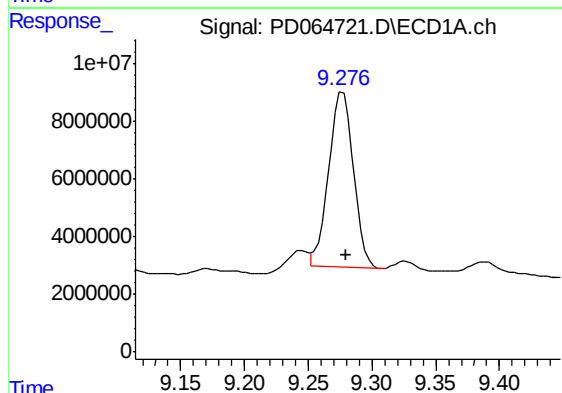
R.T.: 8.954 min  
Delta R.T.: -0.007 min  
Response: 19317219  
Conc: 15.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



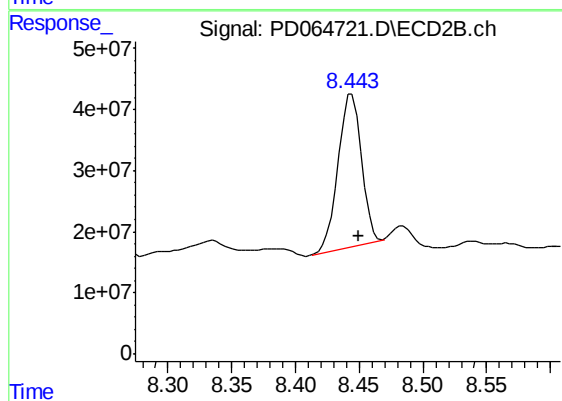
#16 4,4'-DDD

R.T.: 8.177 min  
Delta R.T.: -0.012 min  
Response: 60982824  
Conc: 10.59 ng/ml



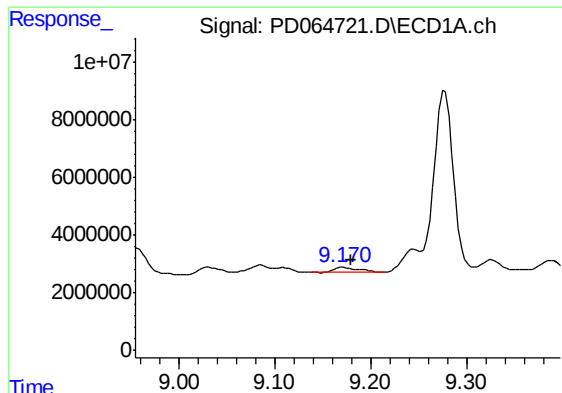
#17 4,4'-DDT

R.T.: 9.277 min  
Delta R.T.: -0.003 min  
Response: 82394856  
Conc: 63.12 ng/ml



#17 4,4'-DDT

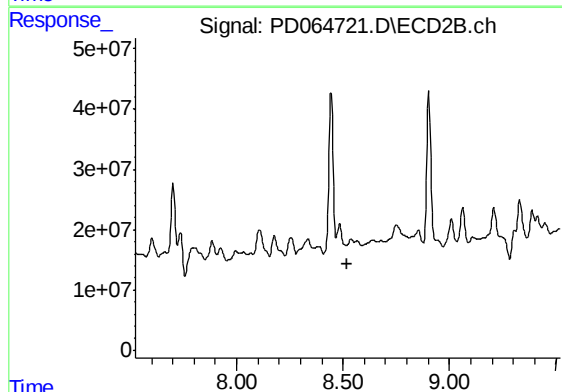
R.T.: 8.444 min  
Delta R.T.: -0.006 min  
Response: 319875700  
Conc: 58.11 ng/ml



#18 Endrin aldehyde

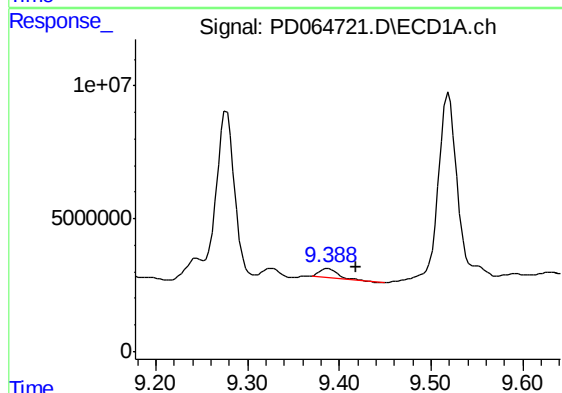
R.T.: 9.171 min  
Delta R.T.: -0.009 min  
Response: 3109041  
Conc: 2.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



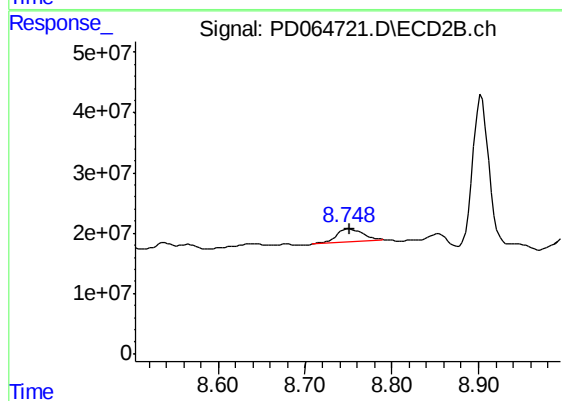
#18 Endrin aldehyde

R.T.: 8.539 min  
Delta R.T.: 0.017 min  
Response: -18528405  
Conc: N.D.



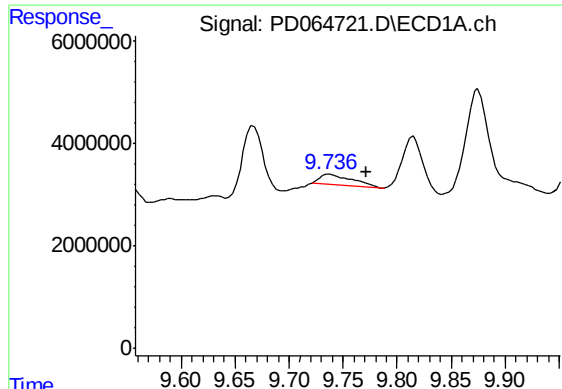
#19 Endosulfan Sulfate

R.T.: 9.388 min  
Delta R.T.: -0.031 min  
Response: 5000233  
Conc: 3.63 ng/ml



#19 Endosulfan Sulfate

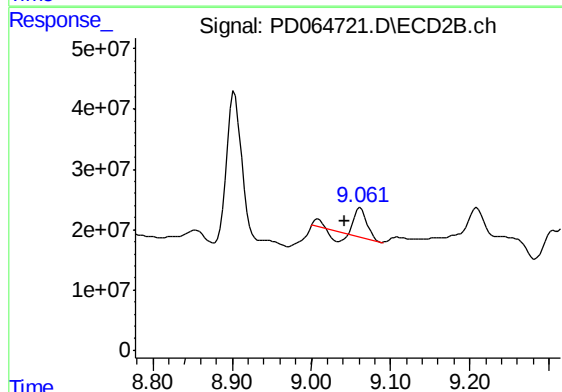
R.T.: 8.750 min  
Delta R.T.: -0.002 min  
Response: 45718385  
Conc: 8.48 ng/ml



#20 Methoxychlor

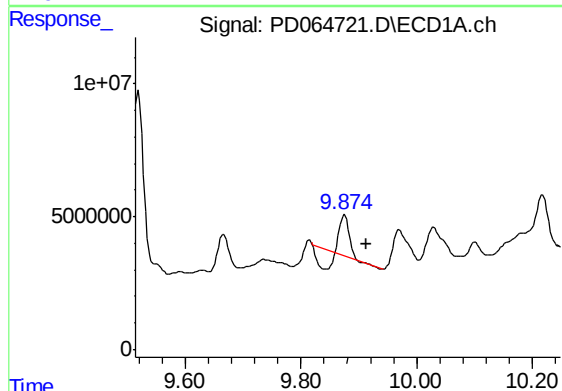
R.T.: 9.737 min  
Delta R.T.: -0.034 min  
Response: 4339895  
Conc: 6.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



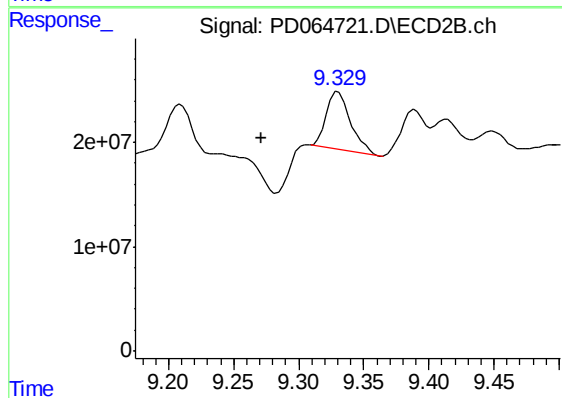
#20 Methoxychlor

R.T.: 9.062 min  
Delta R.T.: 0.020 min  
Response: 37874303  
Conc: 14.79 ng/ml



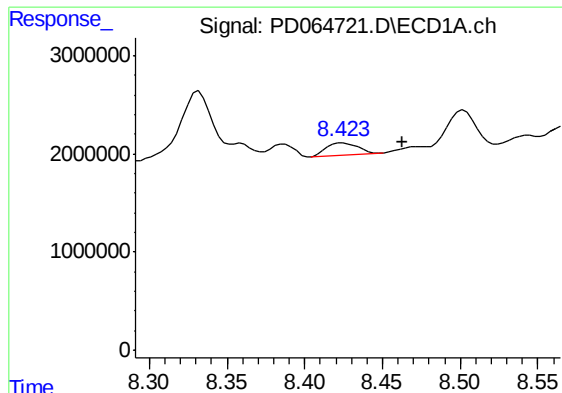
#21 Endrin ketone

R.T.: 9.875 min  
Delta R.T.: -0.039 min  
Response: 5747910  
Conc: 3.80 ng/ml



#21 Endrin ketone

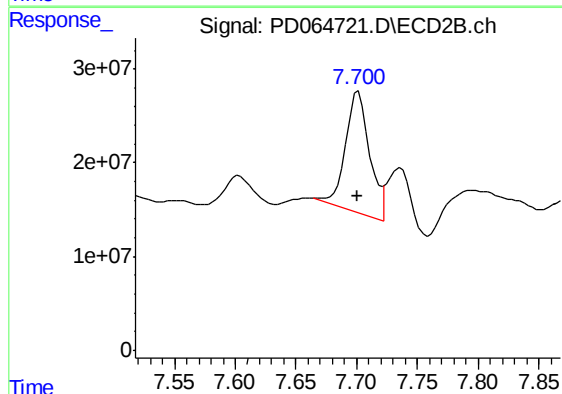
R.T.: 9.331 min  
Delta R.T.: 0.059 min  
Response: 72197920  
Conc: 12.04 ng/ml



#22 Toxaphene-1

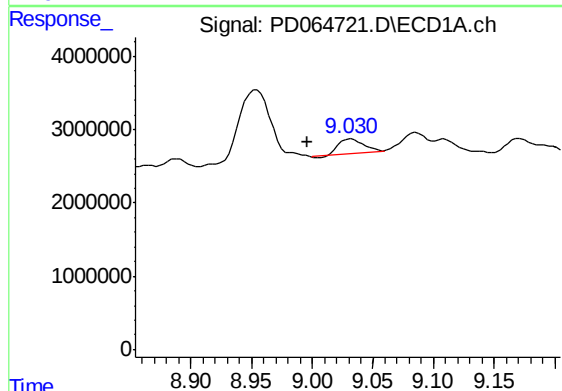
R.T.: 8.425 min  
Delta R.T.: -0.038 min  
Response: 1838743  
Conc: 197.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



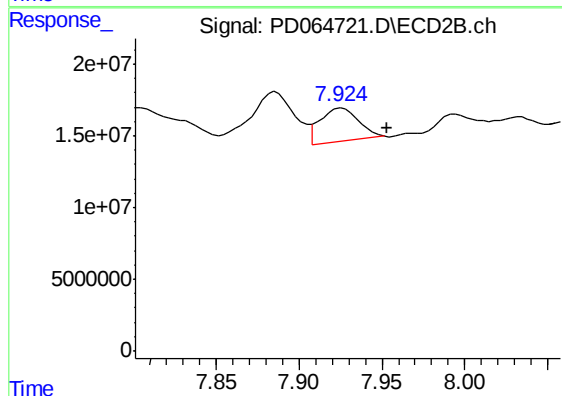
#22 Toxaphene-1

R.T.: 7.701 min  
Delta R.T.: 0.000 min  
Response: 178386383  
Conc: 4741.11 ng/ml



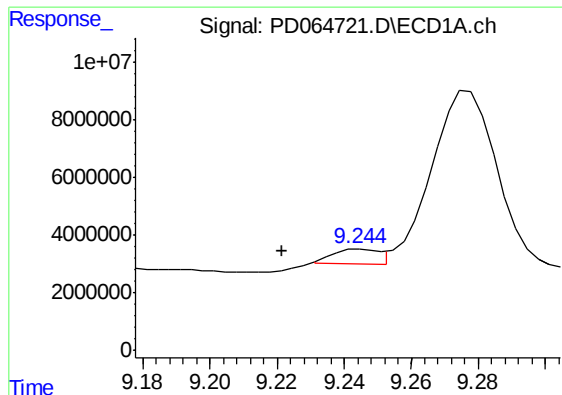
#23 Toxaphene-2

R.T.: 9.032 min  
Delta R.T.: 0.035 min  
Response: 2764831  
Conc: 158.60 ng/ml



#23 Toxaphene-2

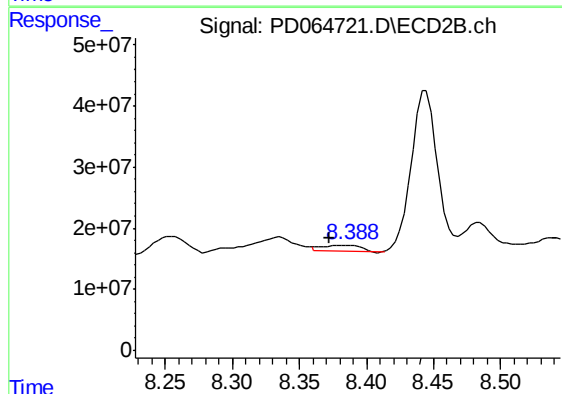
R.T.: 7.925 min  
Delta R.T.: -0.027 min  
Response: 36544470  
Conc: 432.74 ng/ml



#24 Toxaphene-3

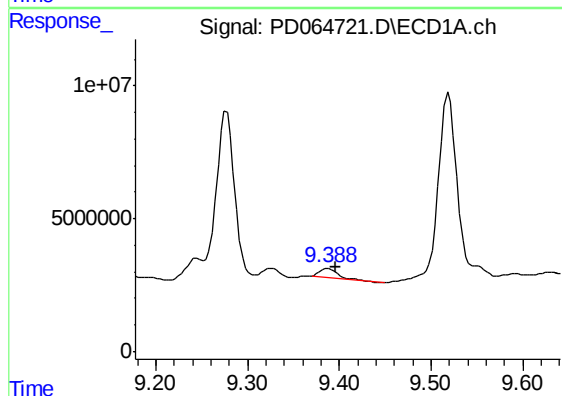
R.T.: 9.245 min  
Delta R.T.: 0.024 min  
Response: 4768408  
Conc: 393.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



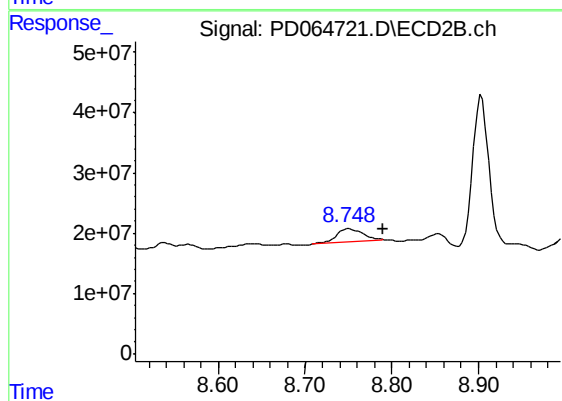
#24 Toxaphene-3

R.T.: 8.387 min  
Delta R.T.: 0.014 min  
Response: 19294245  
Conc: 168.40 ng/ml



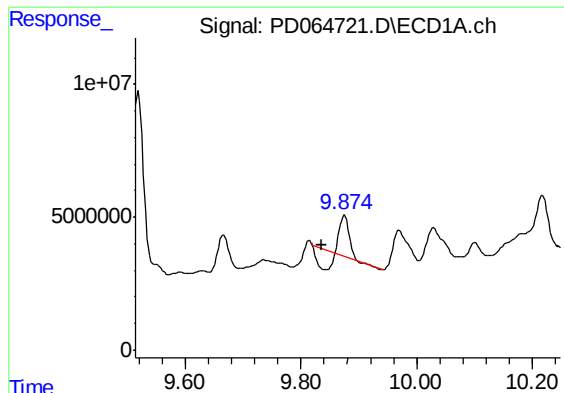
#25 Toxaphene-4

R.T.: 9.388 min  
Delta R.T.: -0.009 min  
Response: 5000233  
Conc: 208.15 ng/ml



#25 Toxaphene-4

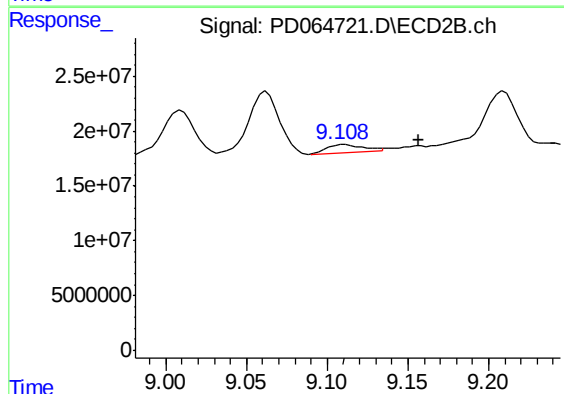
R.T.: 8.750 min  
Delta R.T.: -0.040 min  
Response: 45718385  
Conc: 811.59 ng/ml



#26 Toxaphene-5

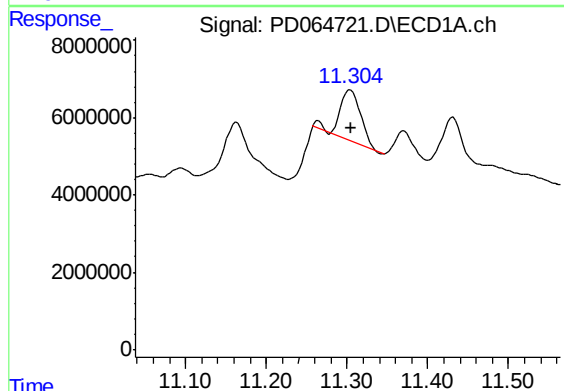
R.T.: 9.875 min  
Delta R.T.: 0.039 min  
Response: 5747910  
Conc: 311.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C00B0



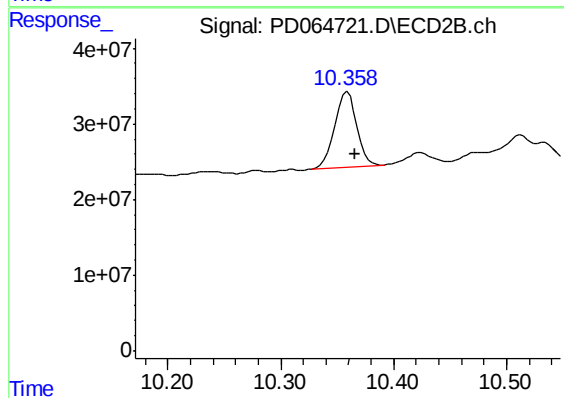
#26 Toxaphene-5

R.T.: 9.110 min  
Delta R.T.: -0.047 min  
Response: 11076138  
Conc: 88.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min  
Delta R.T.: 0.000 min  
Response: 23718670  
Conc: 18.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.359 min  
Delta R.T.: -0.006 min  
Response: 137639922  
Conc: 23.14 ng/ml