

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
 Data File : PD064584.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2021 20:50  
 Operator : AR\AJ  
 Sample : M3091-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0045

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 01:20:11 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 x 0.2 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... | 5.406  | 4.619  | 16969202 | 149.7E6  | 14.225   | 16.384    |
| 27)                         | SA Decachlor... | 11.306 | 10.363 | 28246875 | 139.4E6  | 21.458   | 23.438    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 5.971  | 5.296f | 3107328  | 14192259 | 1.907    | 1.151 #   |
| 3)                          | MA gamma-BHC... | 6.391  | 5.734  | 1520163  | 9513830  | 0.969    | 0.834     |
| 4)                          | MA Heptachlor   | 0.000  | 6.161  | 0        | 2536613  | N.D.     | 0.224     |
| 5)                          | MB Aldrin       | 0.000  | 6.467  | 0        | 24478205 | N.D.     | 2.327     |
| 7)                          | B delta-BHC     | 0.000  | 6.381  | 0        | 13630313 | N.D.     | 1.255     |
| 8)                          | B Heptachlo...  | 7.877  | 7.036  | 12916223 | 6322904  | 7.523    | 0.683 #   |
| 9)                          | A Endosulfan I  | 8.336f | 7.471  | 1944244  | 7765360  | 1.379    | 1.010 #   |
| 10)                         | B trans-Chl...  | 8.125  | 7.305  | 18677471 | 87527397 | 11.655   | 9.650     |
| 11)                         | B cis-Chlor...  | 8.175f | 7.383  | 676008   | 18691984 | 0.434    | 2.101 #   |
| 12)                         | B 4,4'-DDE      | 8.435  | 7.607  | 10809228 | -1273207 | 7.500    | N.D. #    |
| 13)                         | MA Dieldrin     | 8.571  | 7.741  | 24371921 | 53564889 | 16.343   | 6.669 #   |
| 14)                         | MA Endrin       | 8.812  | 8.039  | 11252835 | 54063185 | 8.789    | 9.411     |
| 15)                         | B Endosulfa...  | 9.029  | 8.330  | 7380514  | 40956248 | 5.683    | 7.095     |
| 16)                         | A 4,4'-DDD      | 8.962  | 8.176  | 63464693 | 4218817  | 51.700   | 0.732 #   |
| 17)                         | MA 4,4'-DDT     | 9.246  | 8.441  | 45970991 | 291.4E6  | 35.215   | 52.934 #  |
| 19)                         | B Endosulfa...  | 9.388  | 8.751  | 14029864 | 186.2E6  | 10.180   | 34.548 #  |
| 20)                         | A Methoxychlor  | 9.744  | 9.067  | 1324596  | 13306570 | 1.851    | 5.197 #   |
| 21)                         | B Endrin ke...  | 9.878f | 9.267  | 99352170 | 1139385  | 65.670   | 0.190 #   |
| 22)                         | Toxaphene-1     | 8.435  | 7.710  | 10809228 | 10492226 | 1158.396 | 278.860 # |
| 23)                         | Toxaphene-2     | 9.029  | 7.969  | 7380514  | 410468   | 423.375  | 4.861 #   |
| 24)                         | Toxaphene-3     | 9.246  | 8.390  | 45970991 | 35049797 | 3792.457 | 305.905 # |
| 25)                         | Toxaphene-4     | 9.388  | 8.780  | 14029864 | 13438875 | 584.022  | 238.567 # |
| 26)                         | Toxaphene-5     | 9.803  | 9.158  | 7042187  | 1293705  | 381.424  | 10.291 #  |
| -----                       |                 |        |        |          |          |          |           |

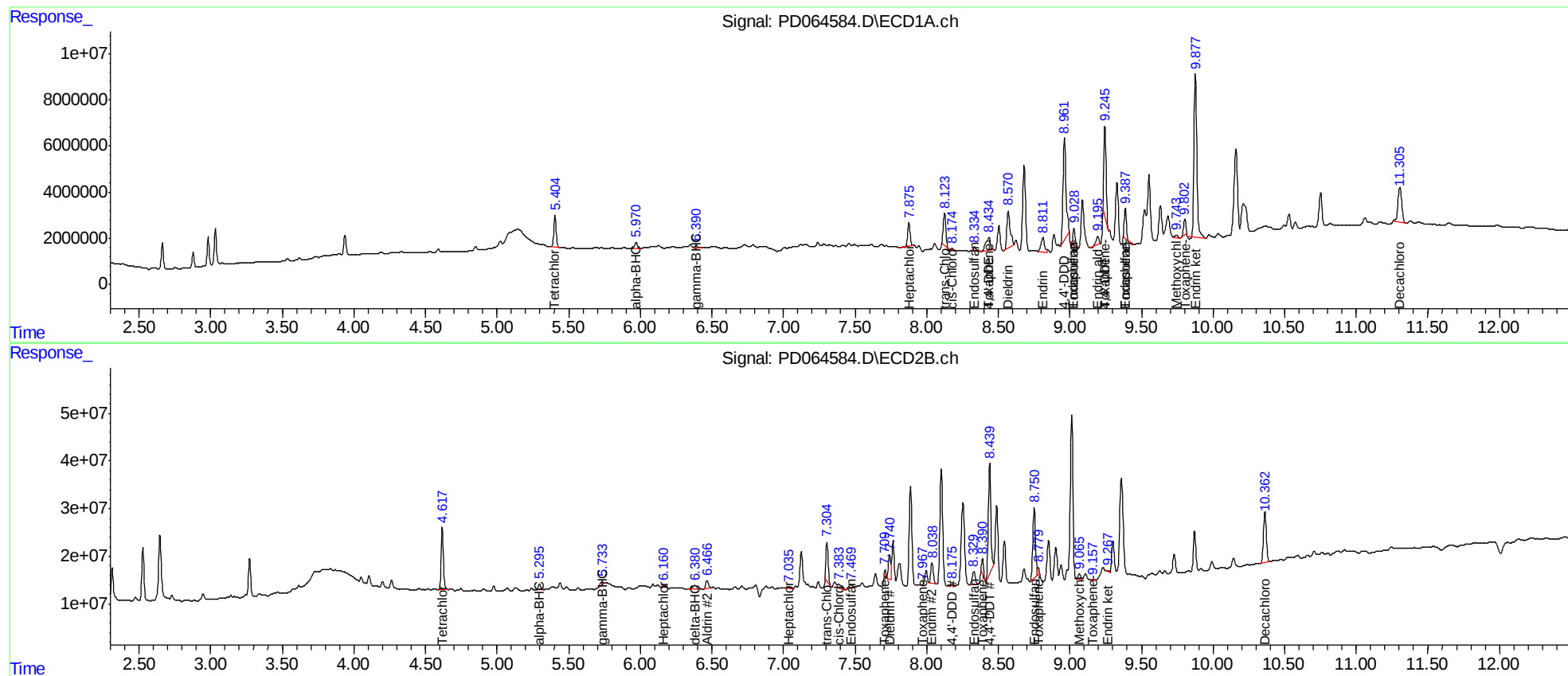
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

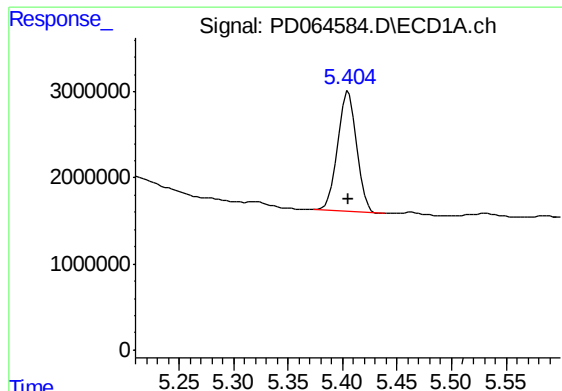
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
Data File : PD064584.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 20:50  
Operator : AR\AJ  
Sample : M3091-07  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0045

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 01:20:11 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

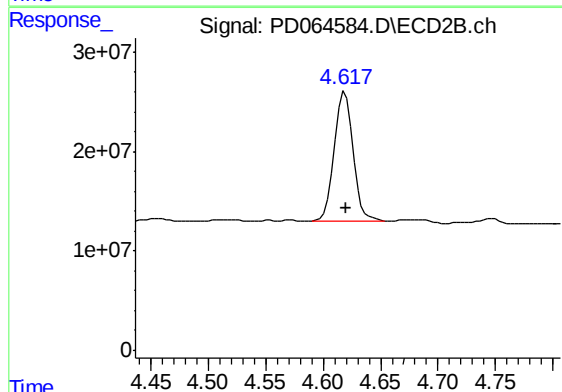




#1 Tetrachloro-m-xylene

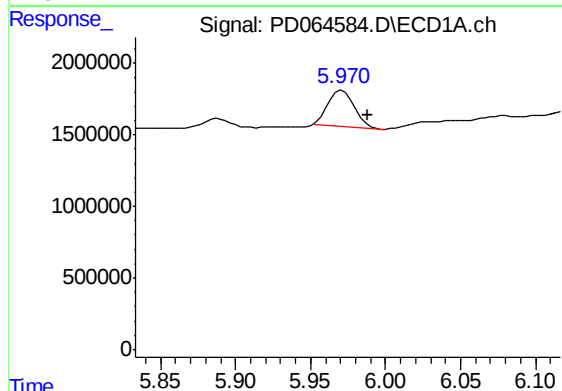
R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 16969202  
Conc: 14.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



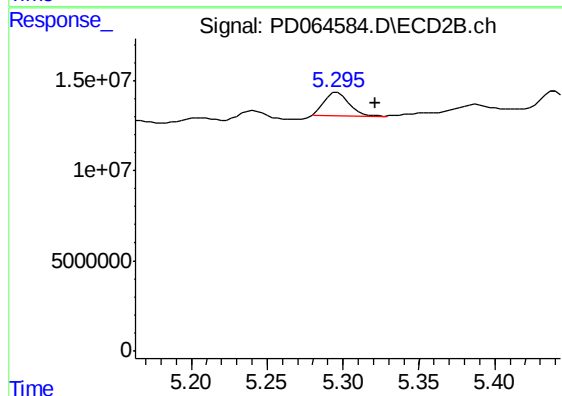
#1 Tetrachloro-m-xylene

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 149717363  
Conc: 16.38 ng/ml



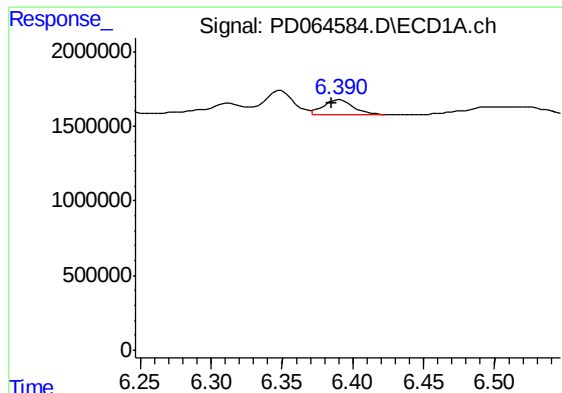
#2 alpha-BHC

R.T.: 5.971 min  
Delta R.T.: -0.017 min  
Response: 3107328  
Conc: 1.91 ng/ml



#2 alpha-BHC

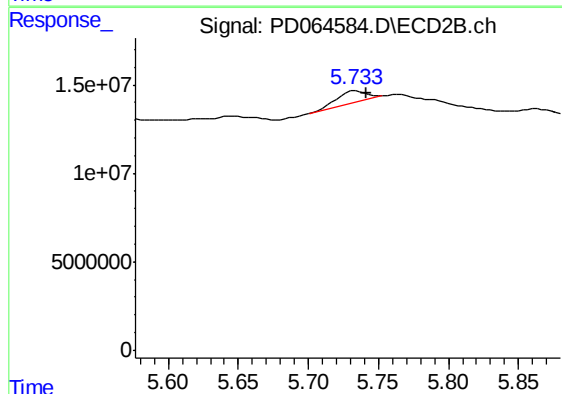
R.T.: 5.296 min  
Delta R.T.: -0.025 min  
Response: 14192259  
Conc: 1.15 ng/ml



#3 gamma-BHC (Lindane)

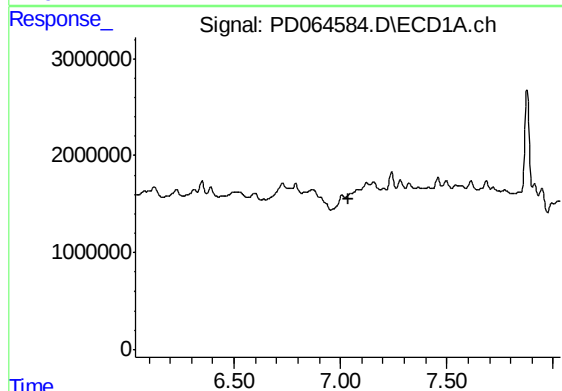
R.T.: 6.391 min  
Delta R.T.: 0.006 min  
Response: 1520163  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



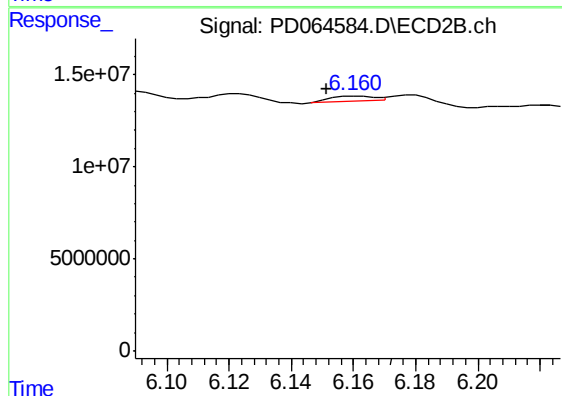
#3 gamma-BHC (Lindane)

R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 9513830  
Conc: 0.83 ng/ml



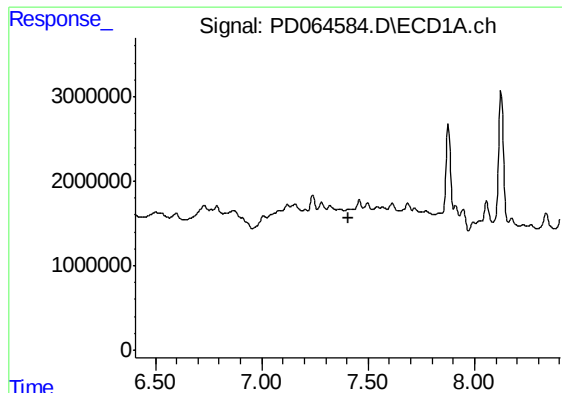
#4 Heptachlor

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



#4 Heptachlor

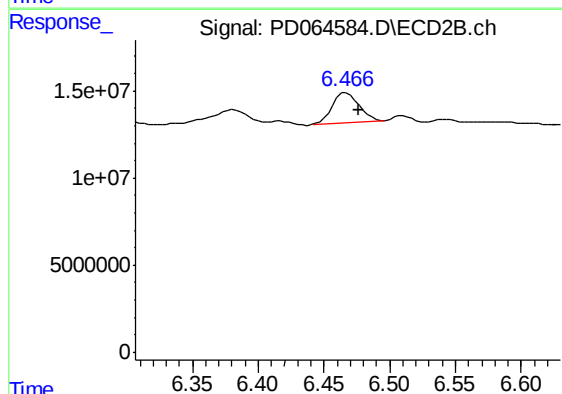
R.T.: 6.161 min  
Delta R.T.: 0.010 min  
Response: 2536613  
Conc: 0.22 ng/ml



#5 Aldrin

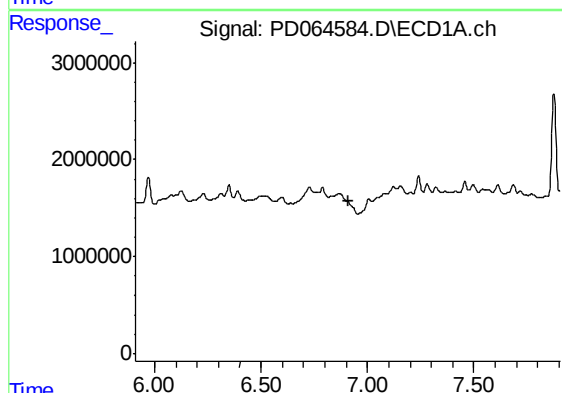
R.T.: 0.000 min  
Exp R.T. : 7.406 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



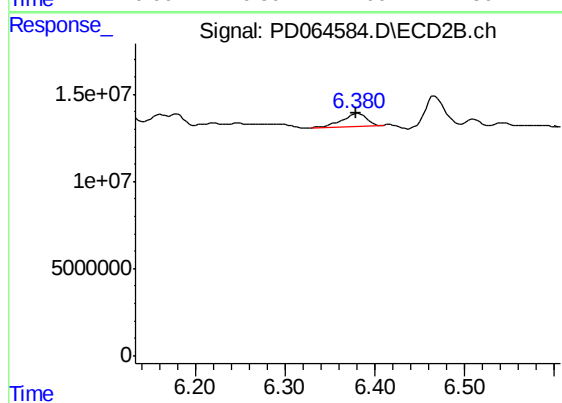
#5 Aldrin

R.T.: 6.467 min  
Delta R.T.: -0.009 min  
Response: 24478205  
Conc: 2.33 ng/ml



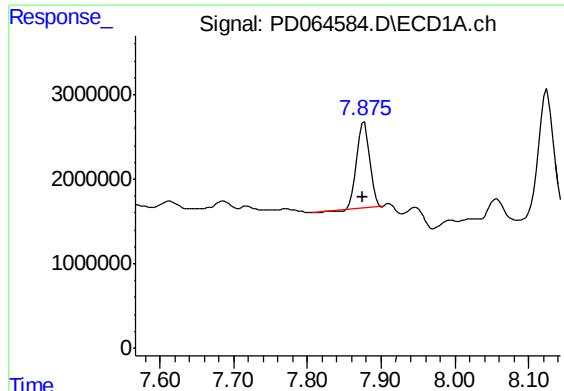
#7 delta-BHC

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



#7 delta-BHC

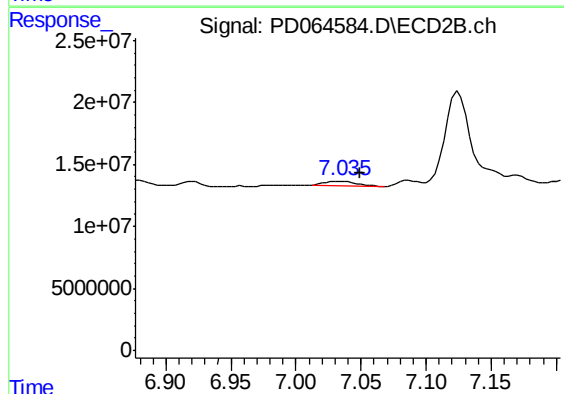
R.T.: 6.381 min  
Delta R.T.: 0.001 min  
Response: 13630313  
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

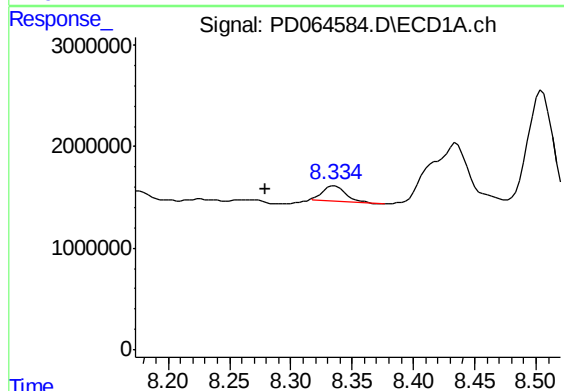
R.T.: 7.877 min  
Delta R.T.: 0.001 min  
Response: 12916223  
Conc: 7.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



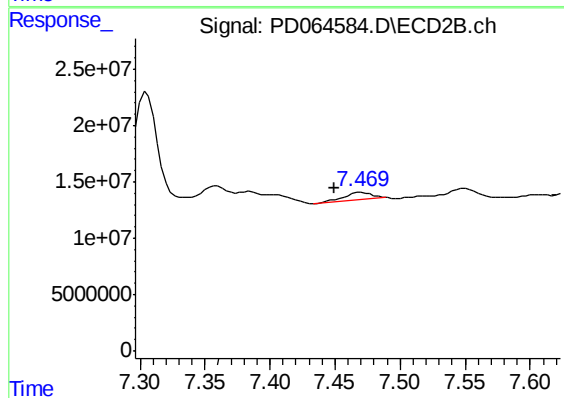
#8 Heptachlor epoxide

R.T.: 7.036 min  
Delta R.T.: -0.013 min  
Response: 6322904  
Conc: 0.68 ng/ml



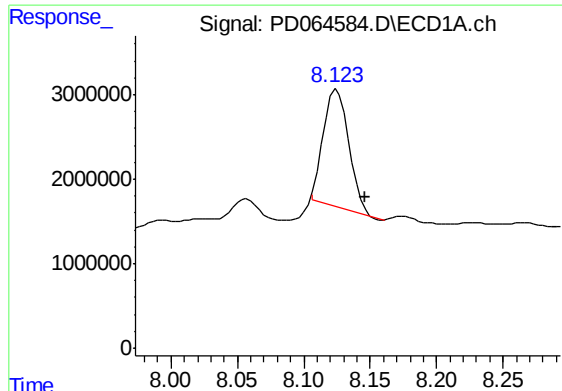
#9 Endosulfan I

R.T.: 8.336 min  
Delta R.T.: 0.056 min  
Response: 1944244  
Conc: 1.38 ng/ml



#9 Endosulfan I

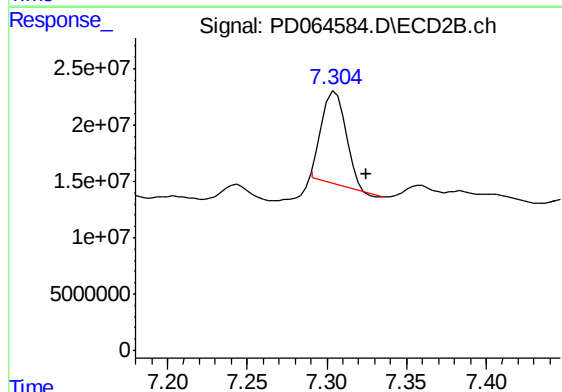
R.T.: 7.471 min  
Delta R.T.: 0.021 min  
Response: 7765360  
Conc: 1.01 ng/ml



#10 trans-Chlordane

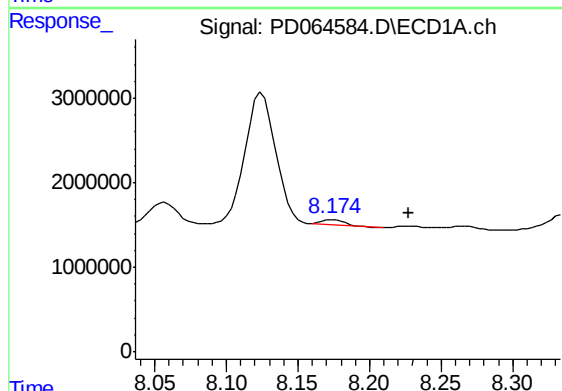
R.T.: 8.125 min  
Delta R.T.: -0.021 min  
Response: 18677471  
Conc: 11.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



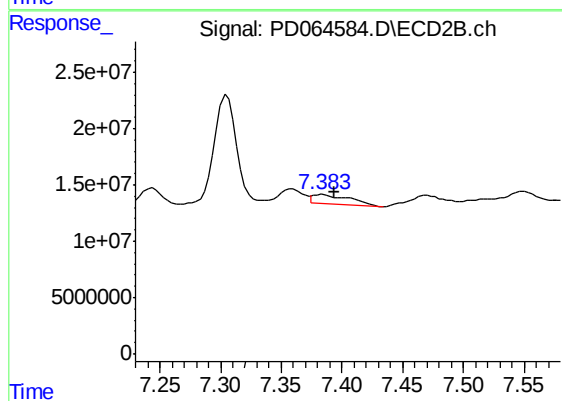
#10 trans-Chlordane

R.T.: 7.305 min  
Delta R.T.: -0.020 min  
Response: 87527397  
Conc: 9.65 ng/ml



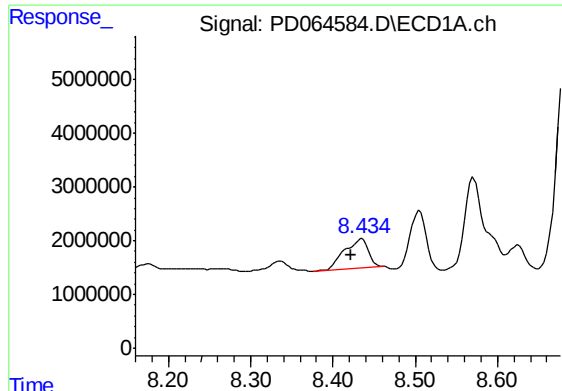
#11 cis-Chlordane

R.T.: 8.175 min  
Delta R.T.: -0.052 min  
Response: 676008  
Conc: 0.43 ng/ml



#11 cis-Chlordane

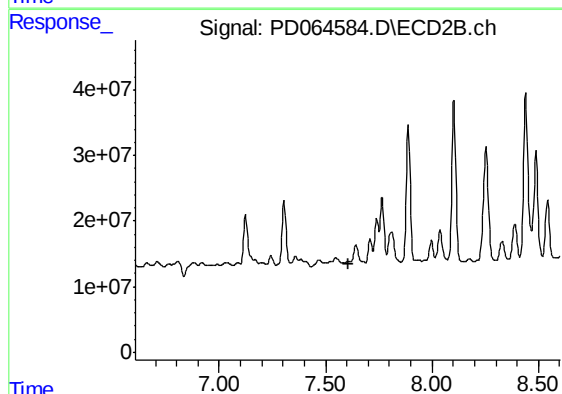
R.T.: 7.383 min  
Delta R.T.: -0.011 min  
Response: 18691984  
Conc: 2.10 ng/ml



#12 4,4'-DDE

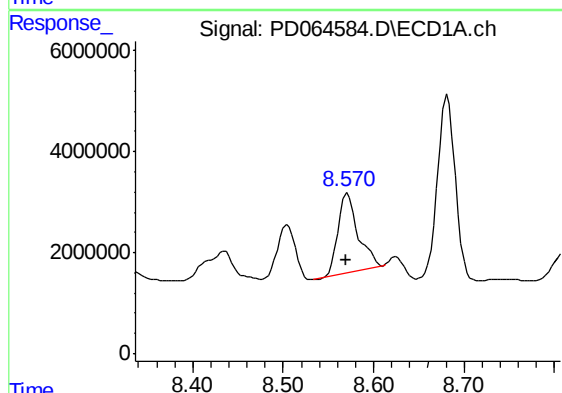
R.T.: 8.435 min  
Delta R.T.: 0.013 min  
Response: 10809228  
Conc: 7.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



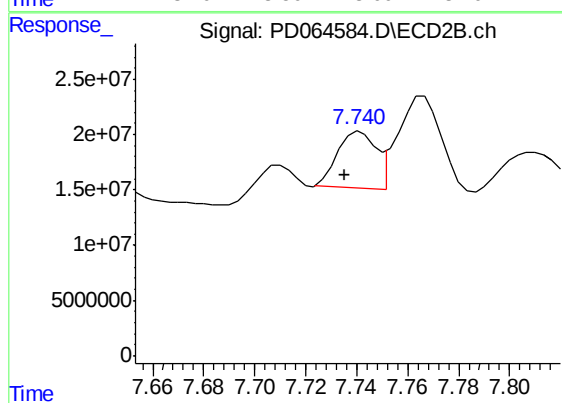
#12 4,4'-DDE

R.T.: 7.607 min  
Delta R.T.: 0.001 min  
Response: -1273207  
Conc: N.D.



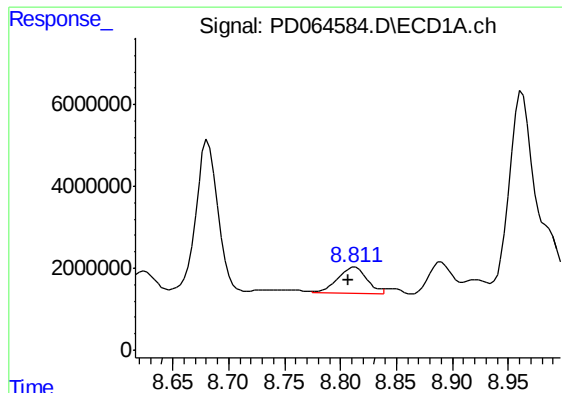
#13 Dieldrin

R.T.: 8.571 min  
Delta R.T.: 0.001 min  
Response: 24371921  
Conc: 16.34 ng/ml



#13 Dieldrin

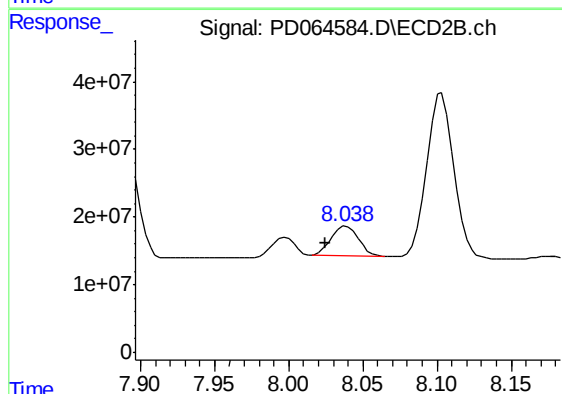
R.T.: 7.741 min  
Delta R.T.: 0.006 min  
Response: 53564889  
Conc: 6.67 ng/ml



#14 Endrin

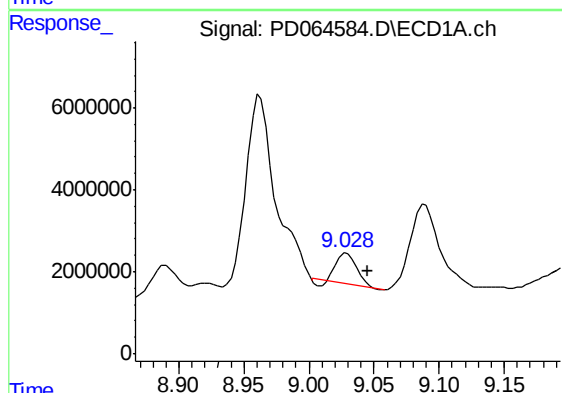
R.T.: 8.812 min  
Delta R.T.: 0.005 min  
Response: 11252835  
Conc: 8.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



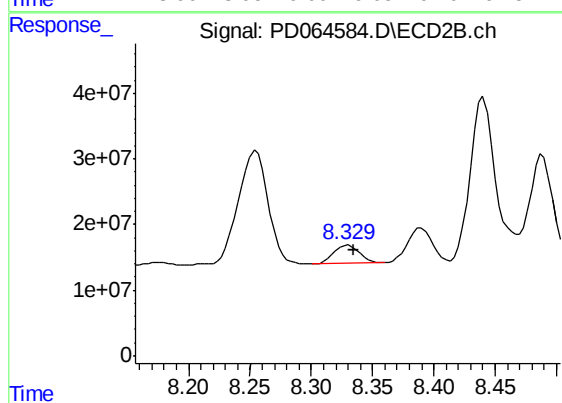
#14 Endrin

R.T.: 8.039 min  
Delta R.T.: 0.014 min  
Response: 54063185  
Conc: 9.41 ng/ml



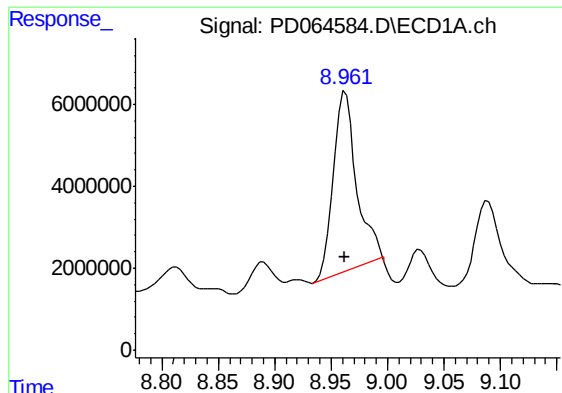
#15 Endosulfan II

R.T.: 9.029 min  
Delta R.T.: -0.016 min  
Response: 7380514  
Conc: 5.68 ng/ml



#15 Endosulfan II

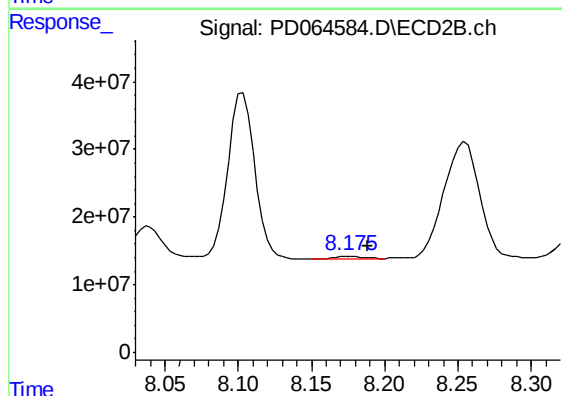
R.T.: 8.330 min  
Delta R.T.: -0.005 min  
Response: 40956248  
Conc: 7.10 ng/ml



#16 4,4'-DDD

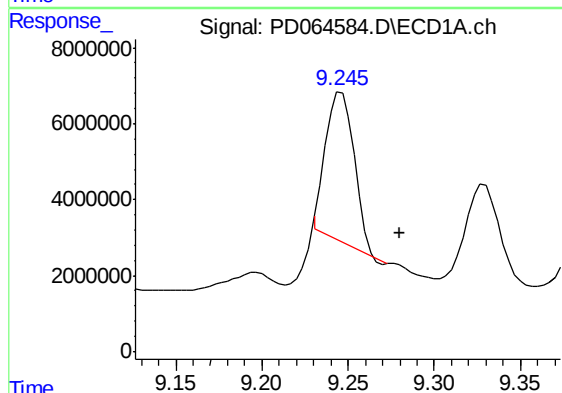
R.T.: 8.962 min  
Delta R.T.: 0.000 min  
Response: 63464693  
Conc: 51.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



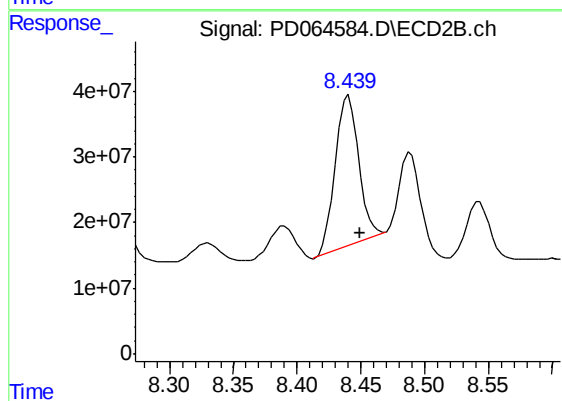
#16 4,4'-DDD

R.T.: 8.176 min  
Delta R.T.: -0.012 min  
Response: 4218817  
Conc: 0.73 ng/ml



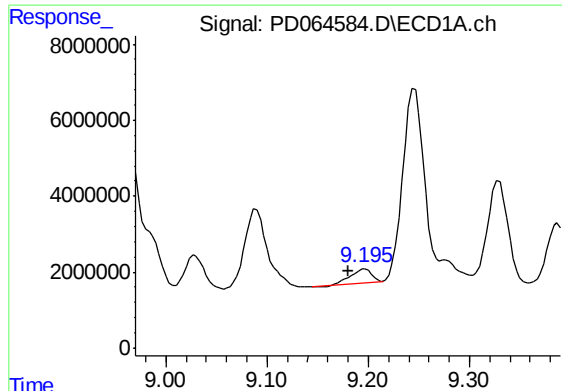
#17 4,4'-DDT

R.T.: 9.246 min  
Delta R.T.: -0.034 min  
Response: 45970991  
Conc: 35.21 ng/ml



#17 4,4'-DDT

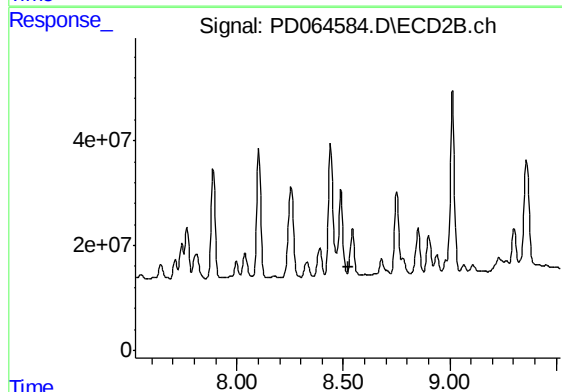
R.T.: 8.441 min  
Delta R.T.: -0.009 min  
Response: 291380217  
Conc: 52.93 ng/ml



#18 Endrin aldehyde

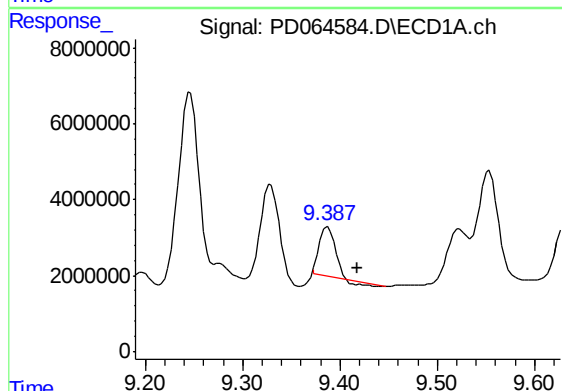
R.T.: 9.197 min  
Delta R.T.: 0.017 min  
Response: 5059633  
Conc: 4.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



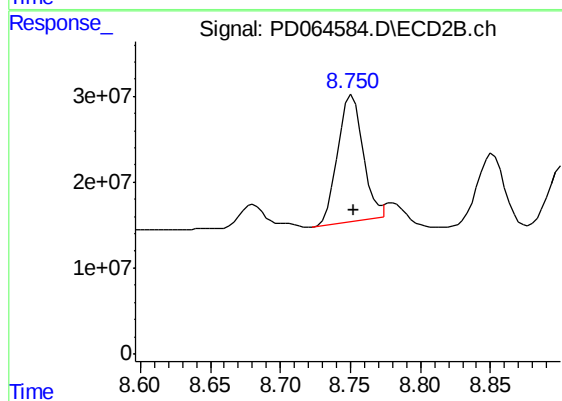
#18 Endrin aldehyde

R.T.: 8.543 min  
Delta R.T.: 0.021 min  
Response: -38172339  
Conc: N.D.



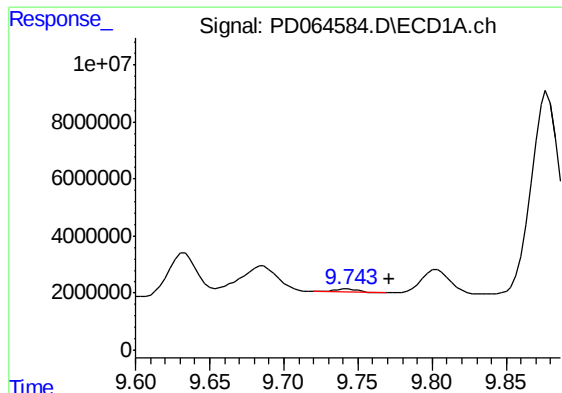
#19 Endosulfan Sulfate

R.T.: 9.388 min  
Delta R.T.: -0.031 min  
Response: 14029864  
Conc: 10.18 ng/ml



#19 Endosulfan Sulfate

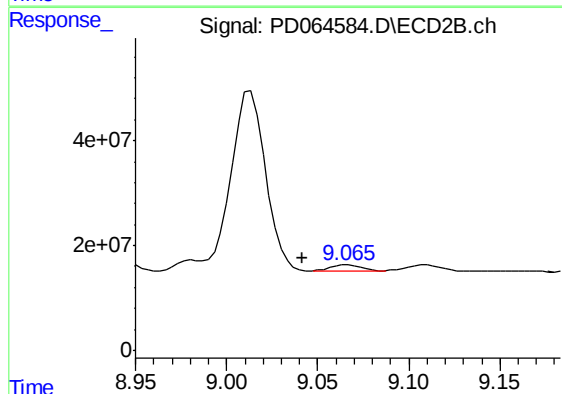
R.T.: 8.751 min  
Delta R.T.: -0.001 min  
Response: 186219345  
Conc: 34.55 ng/ml



#20 Methoxychlor

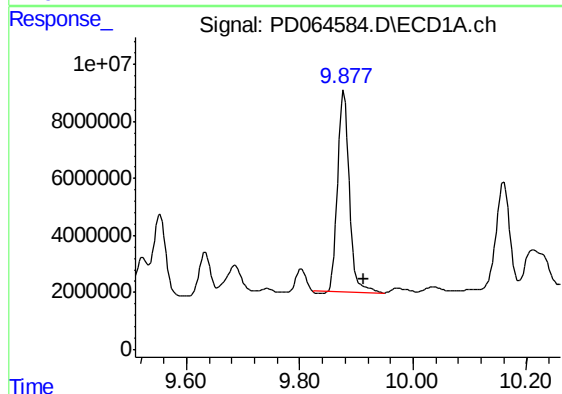
R.T.: 9.744 min  
Delta R.T.: -0.028 min  
Response: 1324596  
Conc: 1.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



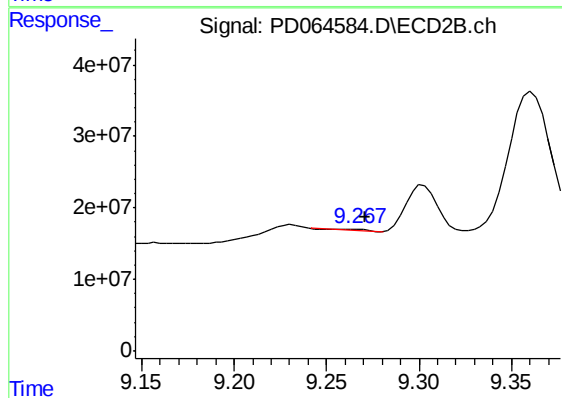
#20 Methoxychlor

R.T.: 9.067 min  
Delta R.T.: 0.025 min  
Response: 13306570  
Conc: 5.20 ng/ml



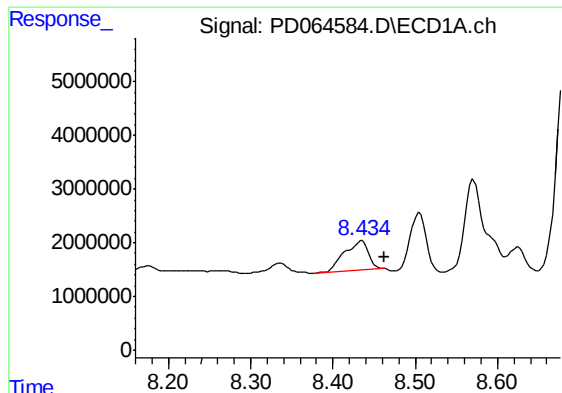
#21 Endrin ketone

R.T.: 9.878 min  
Delta R.T.: -0.036 min  
Response: 99352170  
Conc: 65.67 ng/ml



#21 Endrin ketone

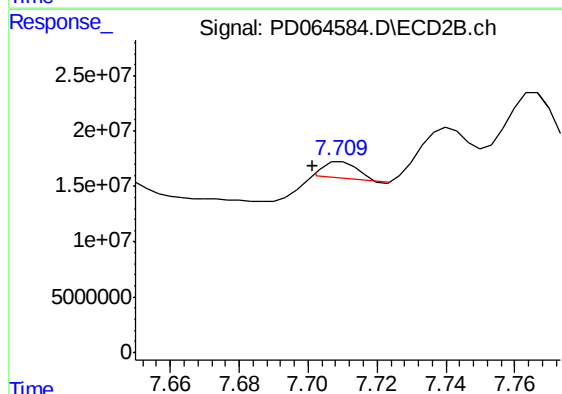
R.T.: 9.267 min  
Delta R.T.: -0.004 min  
Response: 1139385  
Conc: 0.19 ng/ml



#22 Toxaphene-1

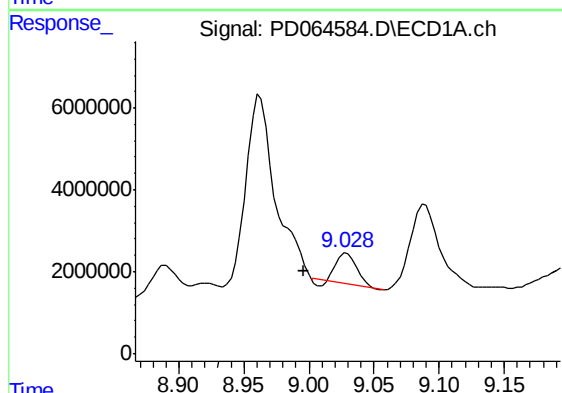
R.T.: 8.435 min  
Delta R.T.: -0.027 min  
Response: 10809228  
Conc: 1158.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



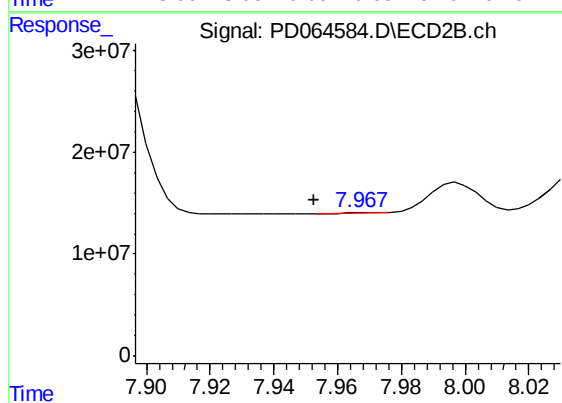
#22 Toxaphene-1

R.T.: 7.710 min  
Delta R.T.: 0.009 min  
Response: 10492226  
Conc: 278.86 ng/ml



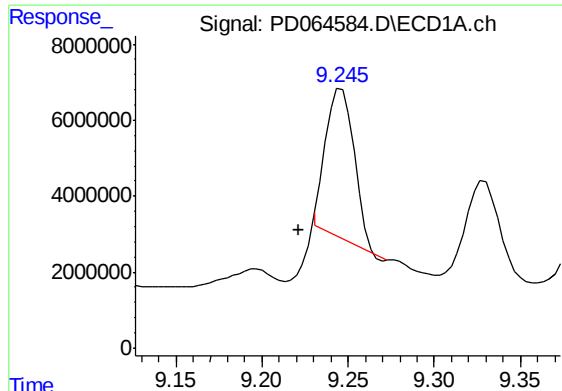
#23 Toxaphene-2

R.T.: 9.029 min  
Delta R.T.: 0.033 min  
Response: 7380514  
Conc: 423.38 ng/ml



#23 Toxaphene-2

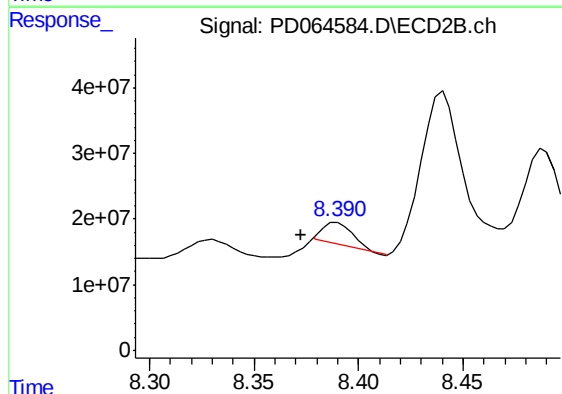
R.T.: 7.969 min  
Delta R.T.: 0.017 min  
Response: 410468  
Conc: 4.86 ng/ml



#24 Toxaphene-3

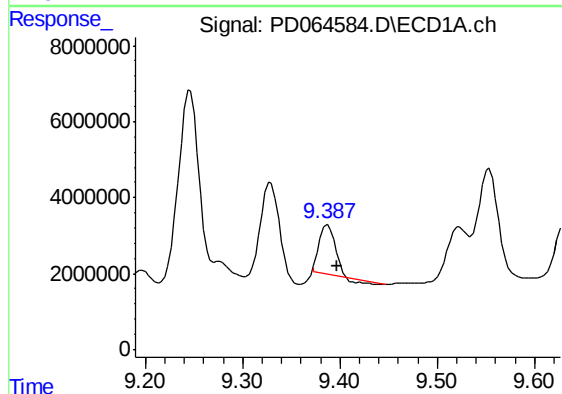
R.T.: 9.246 min  
Delta R.T.: 0.025 min  
Response: 45970991  
Conc: 3792.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



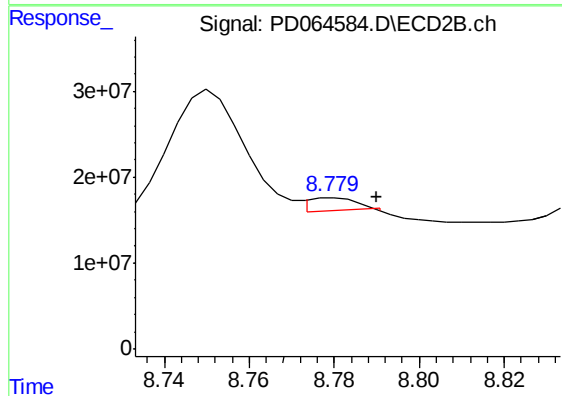
#24 Toxaphene-3

R.T.: 8.390 min  
Delta R.T.: 0.017 min  
Response: 35049797  
Conc: 305.91 ng/ml



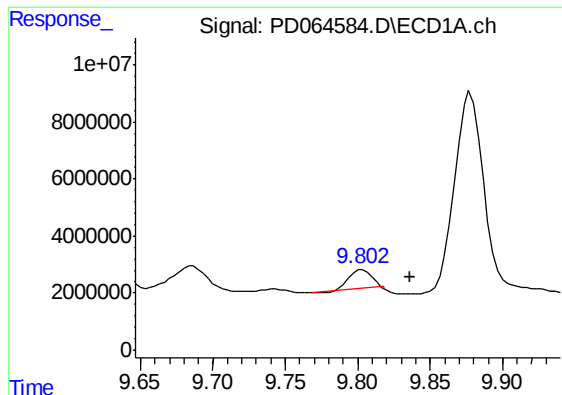
#25 Toxaphene-4

R.T.: 9.388 min  
Delta R.T.: -0.009 min  
Response: 14029864  
Conc: 584.02 ng/ml



#25 Toxaphene-4

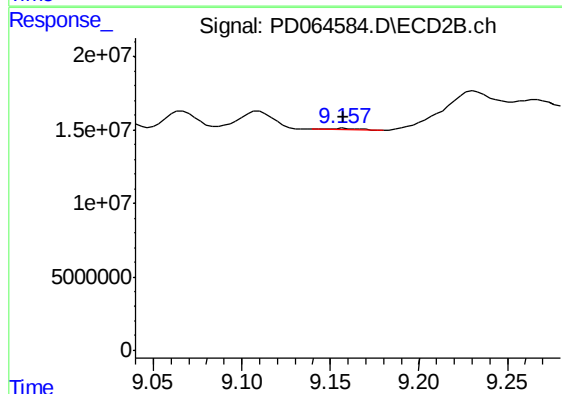
R.T.: 8.780 min  
Delta R.T.: -0.010 min  
Response: 13438875  
Conc: 238.57 ng/ml



#26 Toxaphene-5

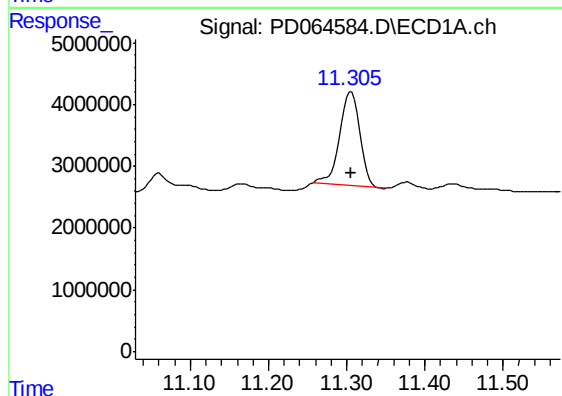
R.T.: 9.803 min  
Delta R.T.: -0.033 min  
Response: 7042187  
Conc: 381.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0045



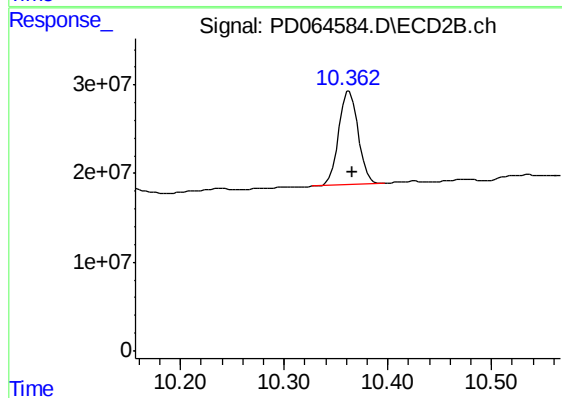
#26 Toxaphene-5

R.T.: 9.158 min  
Delta R.T.: 0.000 min  
Response: 1293705  
Conc: 10.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.306 min  
Delta R.T.: 0.000 min  
Response: 28246875  
Conc: 21.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.363 min  
Delta R.T.: -0.002 min  
Response: 139381942  
Conc: 23.44 ng/ml