

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072721\  
 Data File : PD064465.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2021 11:13  
 Operator : AR\AJ  
 Sample : M3062-02MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 JLX88MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 04:20:04 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... | 5.406  | 4.619  | 17998411 | 144.6E6  | 15.088    | 15.827      |
| 27)                         | SA Decachlor... | 11.304 | 10.364 | 34594384 | 177.0E6  | 26.280    | 29.768      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 5.988  | 5.322  | 83518988 | 590.3E6  | 51.267    | 47.889      |
| 3)                          | MA gamma-BHC... | 6.385  | 5.742  | 79090111 | 528.6E6  | 50.429    | 46.356      |
| 4)                          | MA Heptachlor   | 7.035  | 6.151  | 81134963 | 528.9E6  | 48.277    | 46.647      |
| 5)                          | MB Aldrin       | 7.405  | 6.475  | 74931525 | 479.1E6  | 47.571    | 45.543      |
| 6)                          | B beta-BHC      | 6.643  | 6.117  | 35249388 | 237.8E6  | 45.182    | 39.195      |
| 7)                          | B delta-BHC     | 6.909  | 6.379  | 83239680 | 497.0E6  | 47.835    | 45.751      |
| 8)                          | B Heptachlo...  | 7.874  | 7.048  | 72124151 | 411.4E6  | 42.010    | 44.437      |
| 9)                          | A Endosulfan I  | 8.279  | 7.450  | 66937056 | 359.1E6  | 47.485    | 46.702      |
| 10)                         | B trans-Chl...  | 8.144  | 7.324  | 72941744 | 400.5E6  | 45.518    | 44.151      |
| 11)                         | B cis-Chlor...  | 8.226  | 7.394  | 71123326 | 388.2E6  | 45.647    | 43.637      |
| 12)                         | B 4,4'-DDE      | 8.421  | 7.605  | 139.4E6  | 716.3E6  | 96.718    | 94.935      |
| 13)                         | MA Dieldrin     | 8.569  | 7.735  | 147.8E6  | 706.4E6  | 99.097    | 87.954      |
| 14)                         | MA Endrin       | 8.808  | 8.025  | 125.6E6  | 586.5E6  | 98.109    | 102.097     |
| 15)                         | B Endosulfa...  | 9.043  | 8.334  | 125.0E6  | 541.2E6  | 96.295    | 93.756      |
| 16)                         | A 4,4'-DDD      | 8.961  | 8.188  | 122.2E6  | 546.8E6  | 99.528    | 94.945      |
| 17)                         | MA 4,4'-DDT     | 9.279  | 8.449  | 170.4E6  | 700.7E6  | 130.510   | 127.297     |
| 18)                         | B Endrin al...  | 9.179  | 8.522  | 110.3E6  | 452.4E6  | 97.399    | 91.667      |
| 19)                         | B Endosulfa...  | 9.418  | 8.751  | 129.2E6  | 484.2E6  | 93.764    | 89.828      |
| 20)                         | A Methoxychlor  | 9.771  | 9.041  | 346.8E6  | 1155.4E6 | 484.673   | 451.221     |
| 21)                         | B Endrin ke...  | 9.913  | 9.270  | 149.6E6  | 564.7E6  | 98.853    | 94.135      |
| 22)                         | Toxaphene-1     | 8.421  | 7.735  | 139.4E6  | 706.4E6  | 14939.232 | 18775.261 # |
| 23)                         | Toxaphene-2     | 8.961  | 7.962  | 122.2E6  | 2615705  | 7008.445  | 30.974 #    |
| 24)                         | Toxaphene-3     | 9.230  | 8.334  | 285607   | 541.2E6  | 23.562    | 4723.466 #  |
| 25)                         | Toxaphene-4     | 9.418  | 8.751  | 129.2E6  | 484.2E6  | 5379.212  | 8595.414 #  |
| 26)                         | Toxaphene-5     | 9.862  | 9.117  | 2922430  | 11459768 | 158.287   | 91.158 #    |
| -----                       |                 |        |        |          |          |           |             |

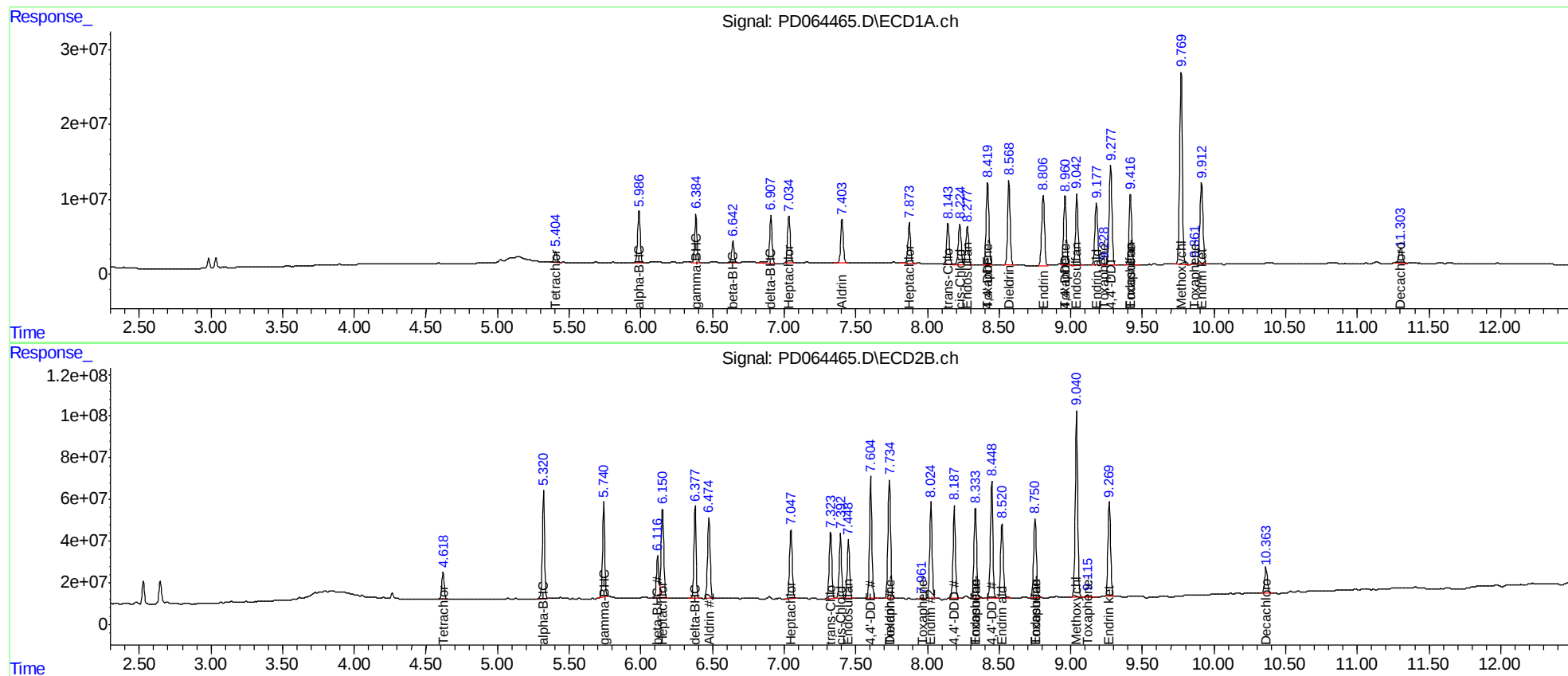
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

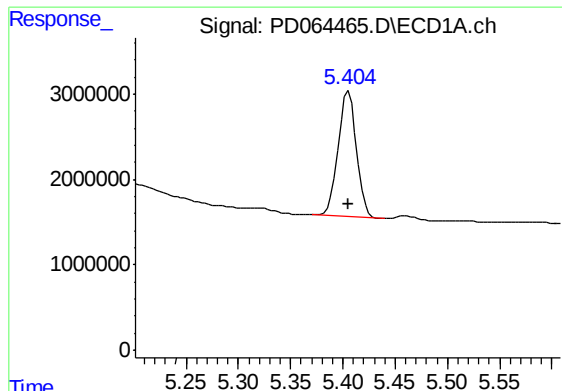
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072721\  
Data File : PD064465.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2021 11:13  
Operator : AR\AJ  
Sample : M3062-02MS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 04:20:04 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

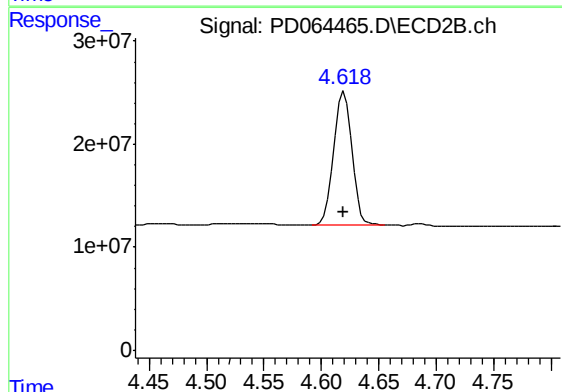




#1 Tetrachloro-m-xylene

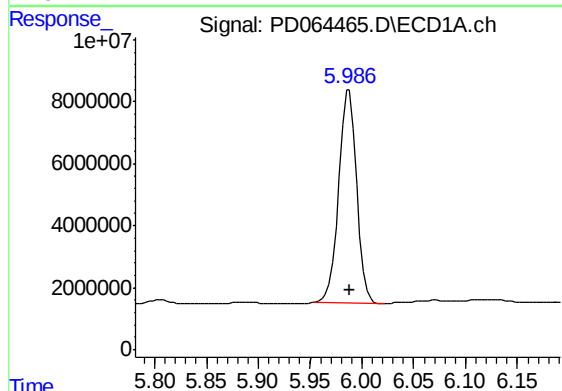
R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 17998411  
Conc: 15.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



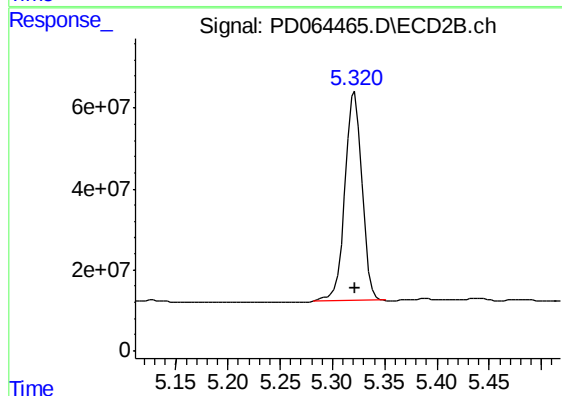
#1 Tetrachloro-m-xylene

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 144620068  
Conc: 15.83 ng/ml



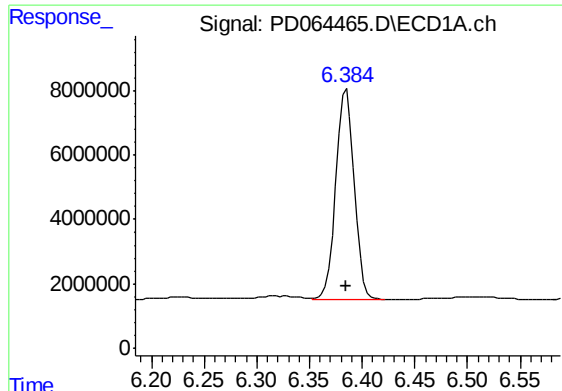
#2 alpha-BHC

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 83518988  
Conc: 51.27 ng/ml



#2 alpha-BHC

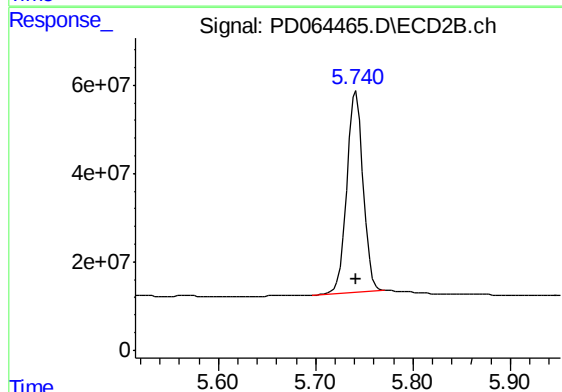
R.T.: 5.322 min  
Delta R.T.: 0.000 min  
Response: 590251638  
Conc: 47.89 ng/ml



#3 gamma-BHC (Lindane)

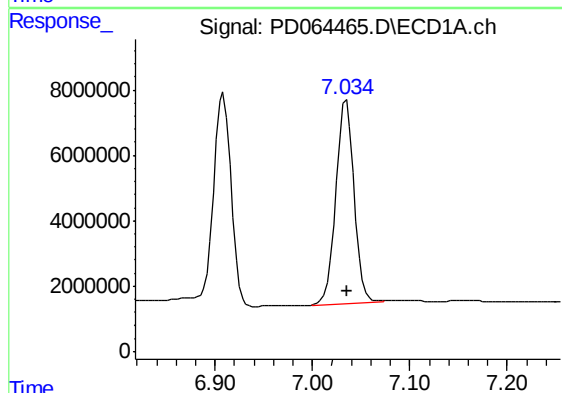
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 79090111  
Conc: 50.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



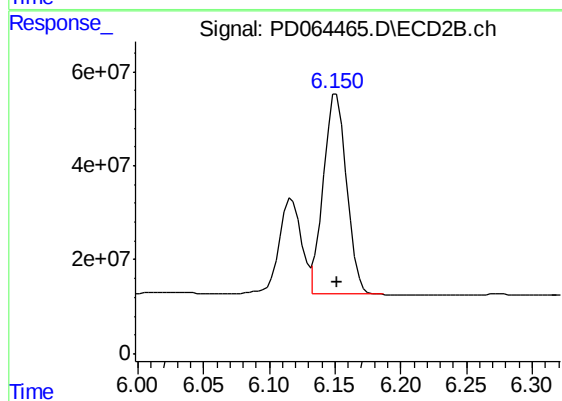
#3 gamma-BHC (Lindane)

R.T.: 5.742 min  
Delta R.T.: 0.000 min  
Response: 528621766  
Conc: 46.36 ng/ml



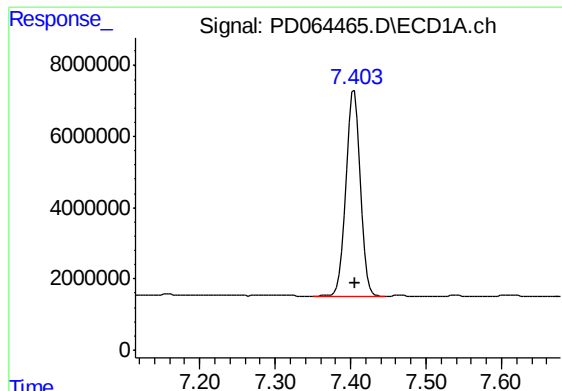
#4 Heptachlor

R.T.: 7.035 min  
Delta R.T.: 0.000 min  
Response: 81134963  
Conc: 48.28 ng/ml



#4 Heptachlor

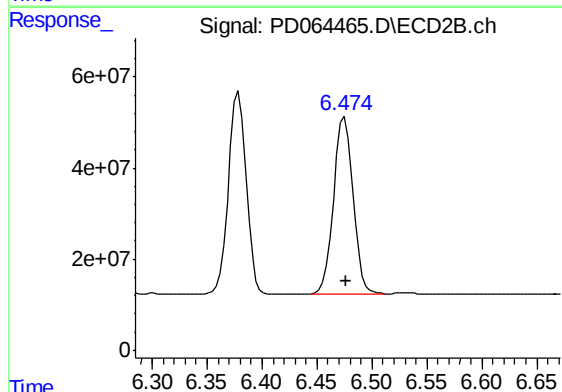
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 528875393  
Conc: 46.65 ng/ml



#5 Aldrin

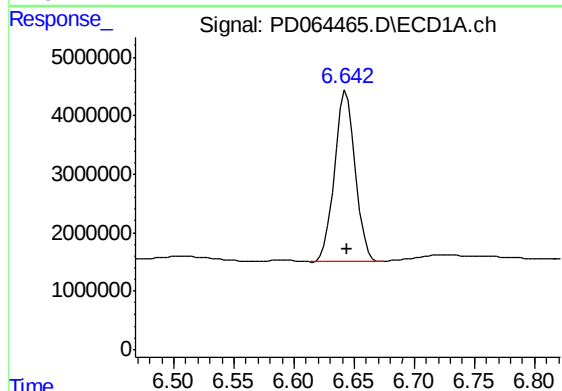
R.T.: 7.405 min  
Delta R.T.: -0.001 min  
Response: 74931525  
Conc: 47.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



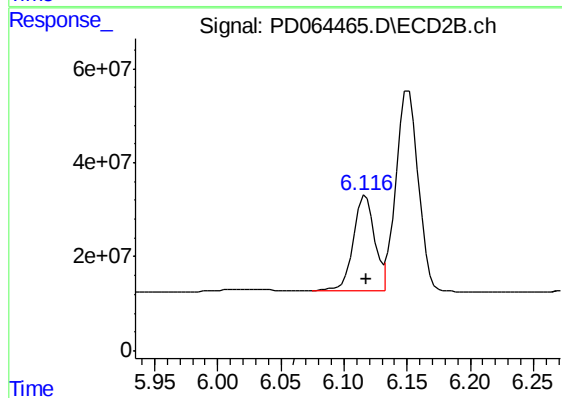
#5 Aldrin

R.T.: 6.475 min  
Delta R.T.: -0.001 min  
Response: 479073146  
Conc: 45.54 ng/ml



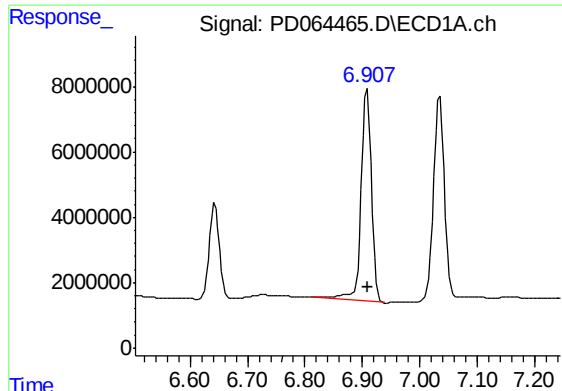
#6 beta-BHC

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 35249388  
Conc: 45.18 ng/ml



#6 beta-BHC

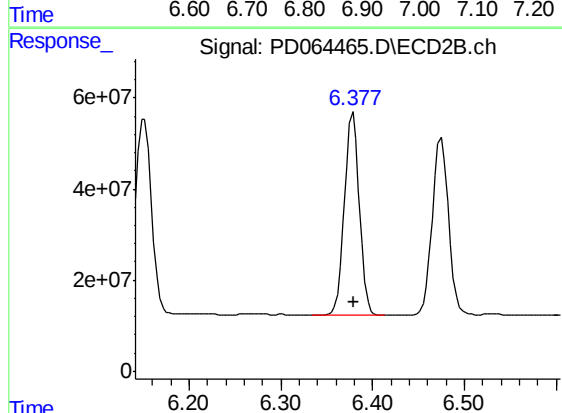
R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 237787077  
Conc: 39.19 ng/ml



#7 delta-BHC

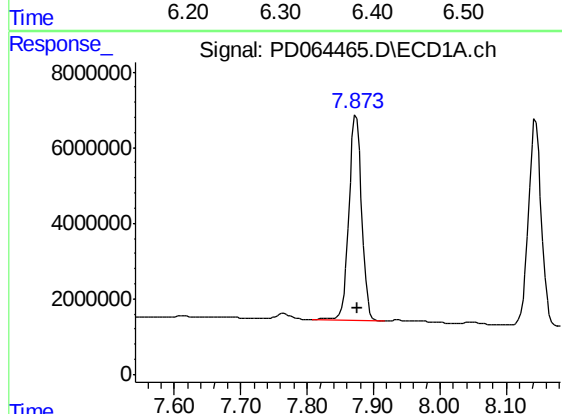
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 83239680  
Conc: 47.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



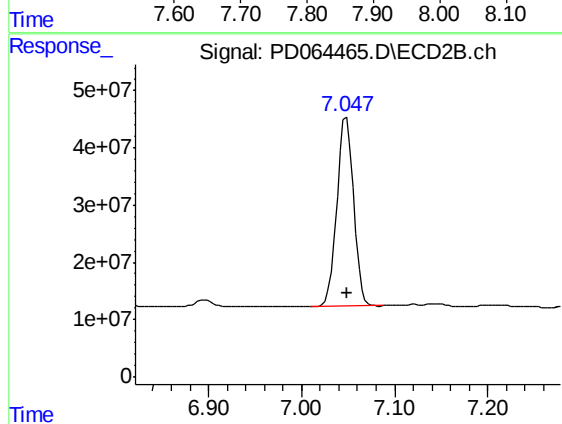
#7 delta-BHC

R.T.: 6.379 min  
Delta R.T.: 0.000 min  
Response: 497022998  
Conc: 45.75 ng/ml



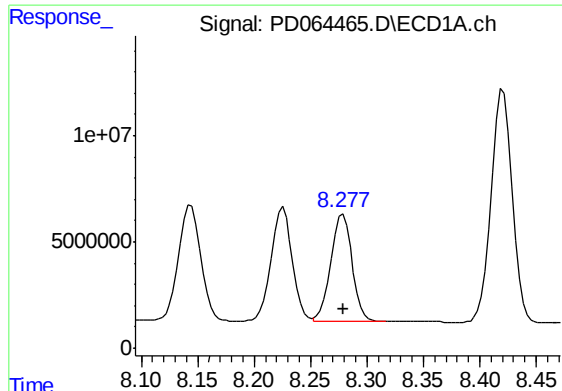
#8 Heptachlor epoxide

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 72124151  
Conc: 42.01 ng/ml



#8 Heptachlor epoxide

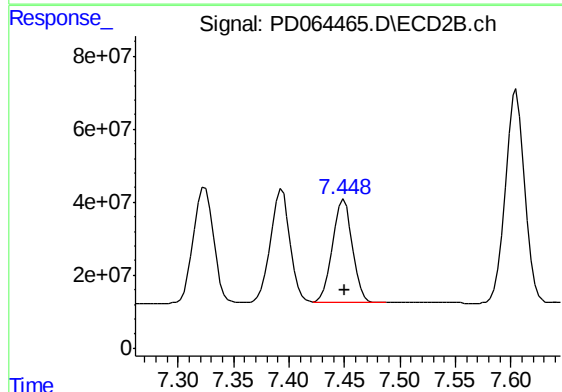
R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 411353346  
Conc: 44.44 ng/ml



#9 Endosulfan I

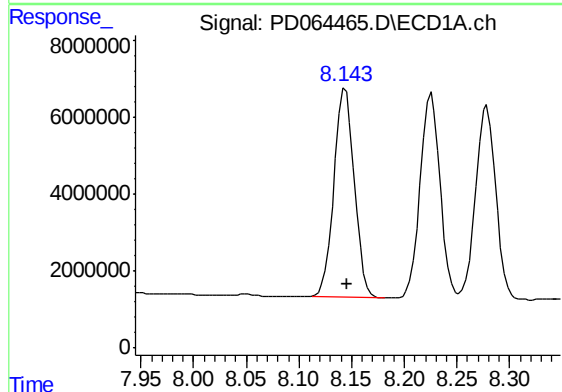
R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 66937056  
Conc: 47.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



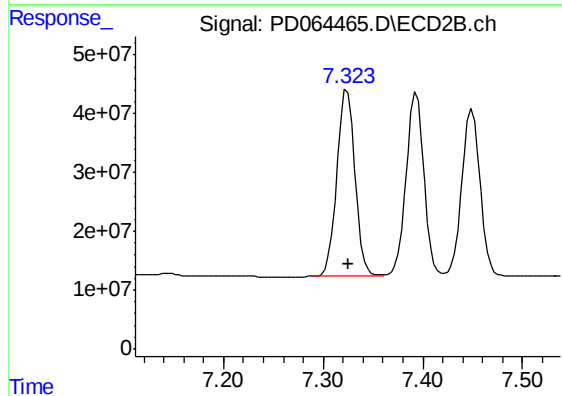
#9 Endosulfan I

R.T.: 7.450 min  
Delta R.T.: 0.000 min  
Response: 359116420  
Conc: 46.70 ng/ml



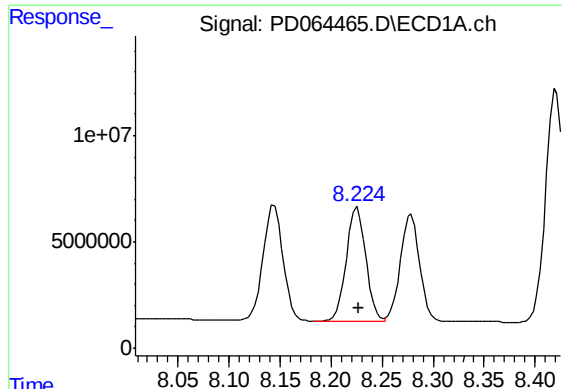
#10 trans-Chlordane

R.T.: 8.144 min  
Delta R.T.: -0.002 min  
Response: 72941744  
Conc: 45.52 ng/ml



#10 trans-Chlordane

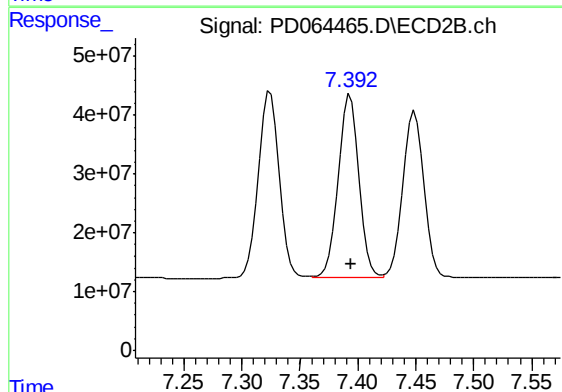
R.T.: 7.324 min  
Delta R.T.: 0.000 min  
Response: 400457495  
Conc: 44.15 ng/ml



#11 cis-Chlordane

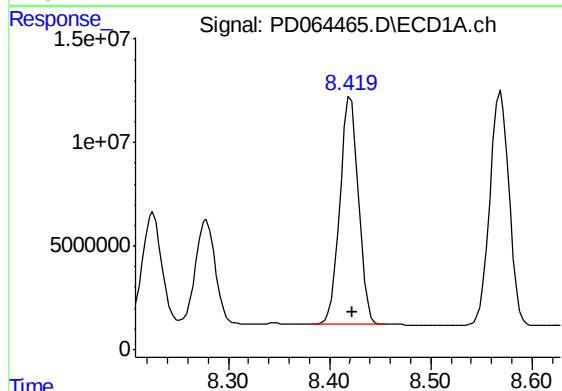
R.T.: 8.226 min  
Delta R.T.: -0.002 min  
Response: 71123326  
Conc: 45.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



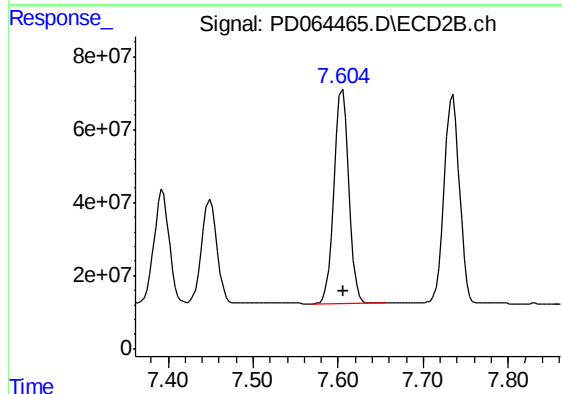
#11 cis-Chlordane

R.T.: 7.394 min  
Delta R.T.: 0.000 min  
Response: 388181875  
Conc: 43.64 ng/ml



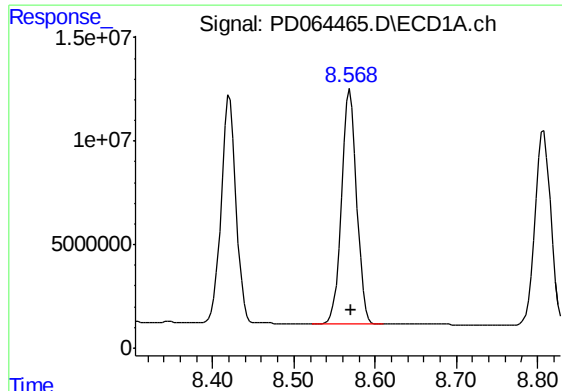
#12 4,4'-DDE

R.T.: 8.421 min  
Delta R.T.: -0.002 min  
Response: 139401009  
Conc: 96.72 ng/ml



#12 4,4'-DDE

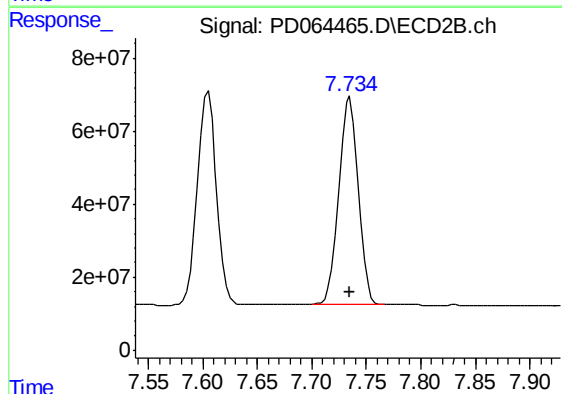
R.T.: 7.605 min  
Delta R.T.: 0.000 min  
Response: 716307020  
Conc: 94.93 ng/ml



#13 Dielddrin

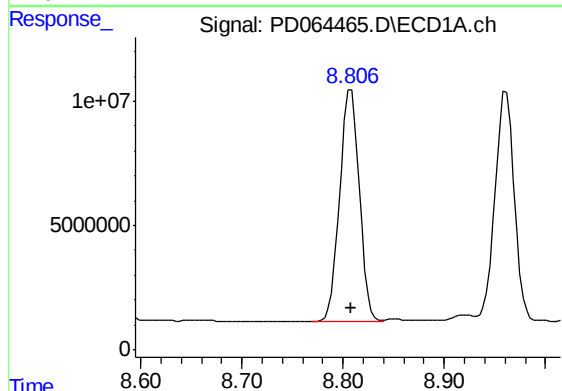
R.T.: 8.569 min  
Delta R.T.: 0.000 min  
Response: 147781593  
Conc: 99.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



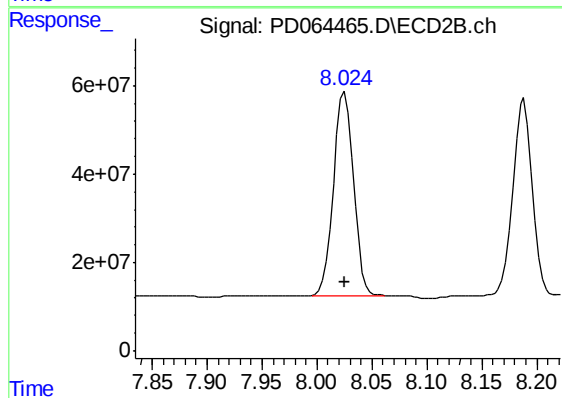
#13 Dielddrin

R.T.: 7.735 min  
Delta R.T.: 0.000 min  
Response: 706428266  
Conc: 87.95 ng/ml



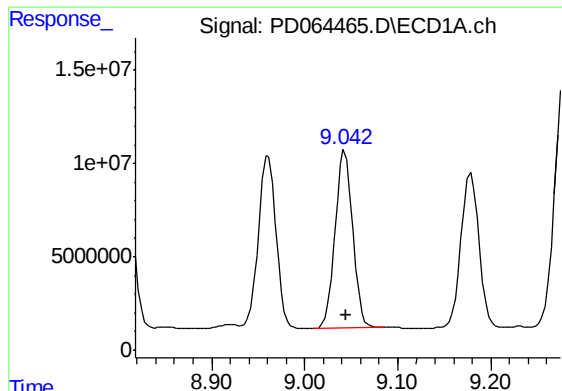
#14 Endrin

R.T.: 8.808 min  
Delta R.T.: 0.000 min  
Response: 125618228  
Conc: 98.11 ng/ml



#14 Endrin

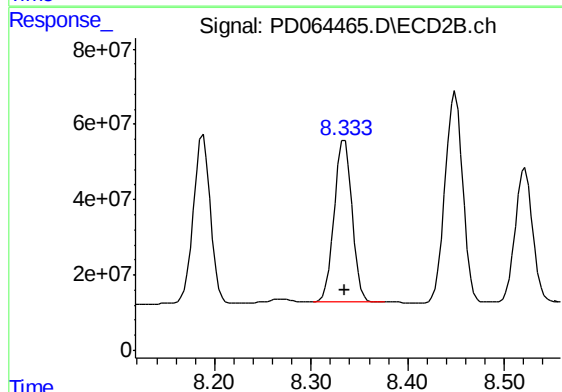
R.T.: 8.025 min  
Delta R.T.: 0.000 min  
Response: 586500189  
Conc: 102.10 ng/ml



#15 Endosulfan II

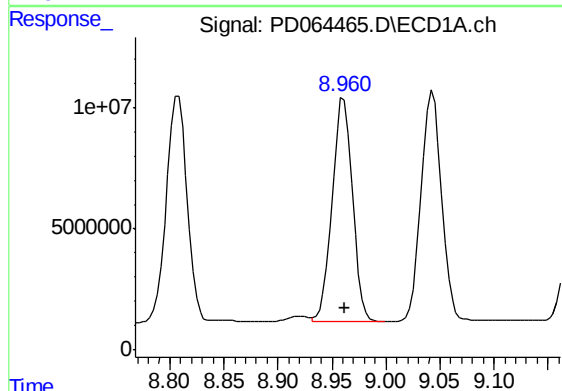
R.T.: 9.043 min  
Delta R.T.: -0.002 min  
Response: 125049225  
Conc: 96.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



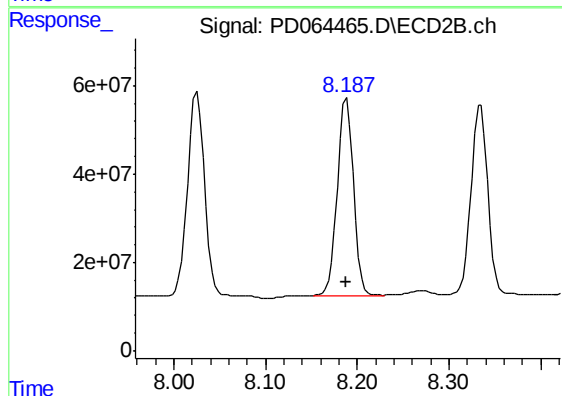
#15 Endosulfan II

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 541201797  
Conc: 93.76 ng/ml



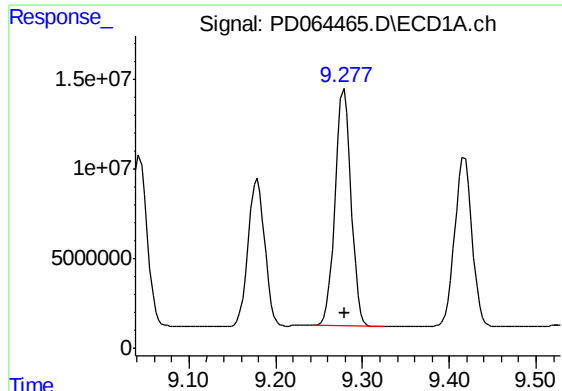
#16 4,4'-DDD

R.T.: 8.961 min  
Delta R.T.: 0.000 min  
Response: 122175183  
Conc: 99.53 ng/ml



#16 4,4'-DDD

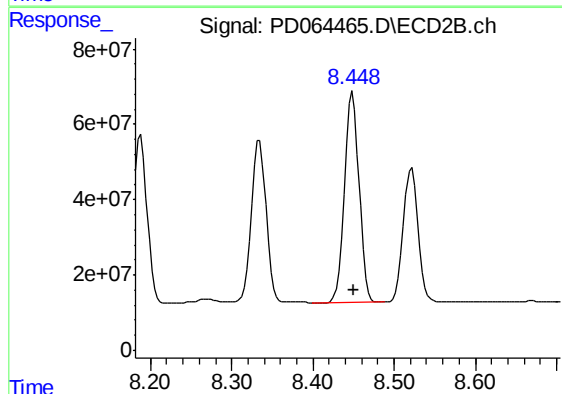
R.T.: 8.188 min  
Delta R.T.: 0.000 min  
Response: 546836815  
Conc: 94.94 ng/ml



#17 4,4'-DDT

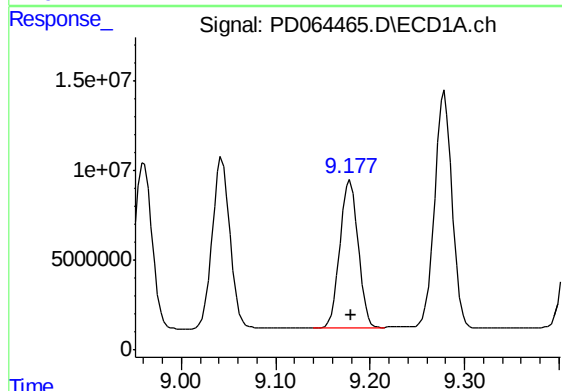
R.T.: 9.279 min  
Delta R.T.: -0.001 min  
Response: 170375085  
Conc: 130.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



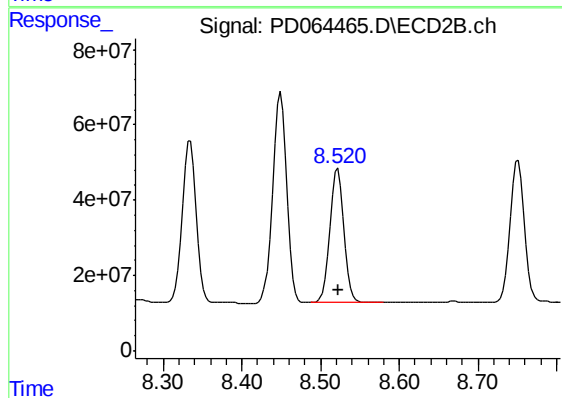
#17 4,4'-DDT

R.T.: 8.449 min  
Delta R.T.: 0.000 min  
Response: 700717925  
Conc: 127.30 ng/ml



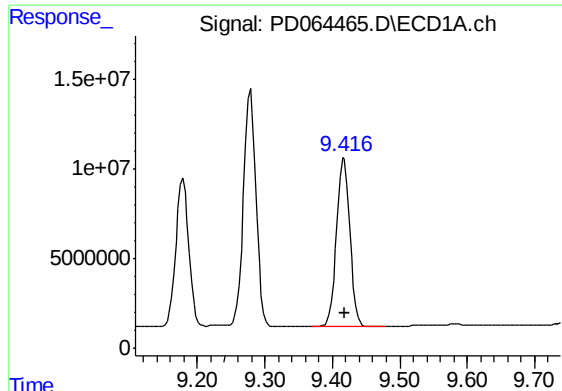
#18 Endrin aldehyde

R.T.: 9.179 min  
Delta R.T.: -0.001 min  
Response: 110345314  
Conc: 97.40 ng/ml



#18 Endrin aldehyde

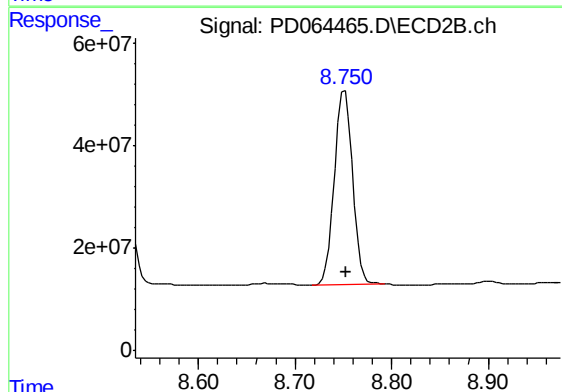
R.T.: 8.522 min  
Delta R.T.: 0.000 min  
Response: 452407181  
Conc: 91.67 ng/ml



#19 Endosulfan Sulfate

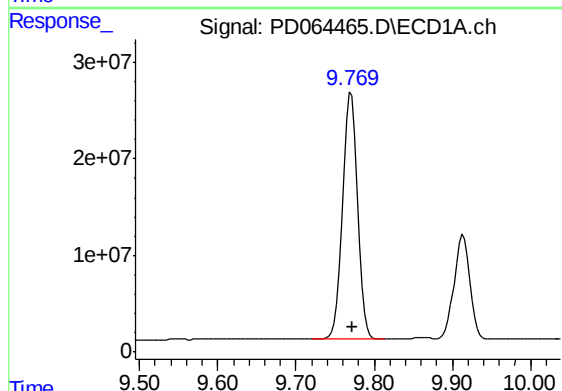
R.T.: 9.418 min  
Delta R.T.: -0.001 min  
Response: 129223892  
Conc: 93.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



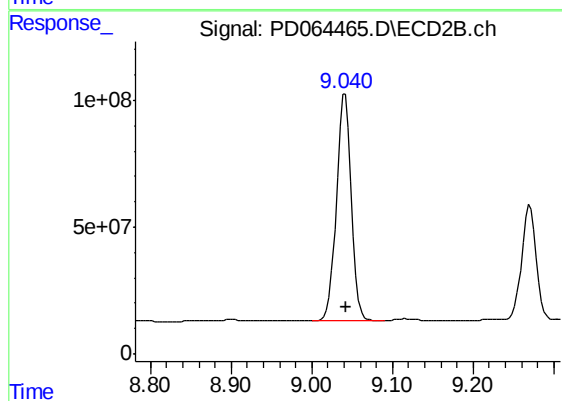
#19 Endosulfan Sulfate

R.T.: 8.751 min  
Delta R.T.: 0.000 min  
Response: 484194101  
Conc: 89.83 ng/ml



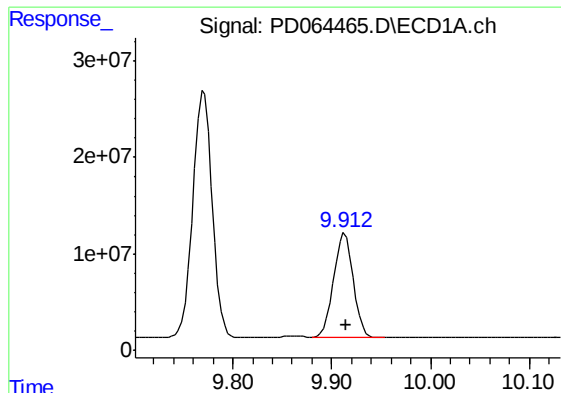
#20 Methoxychlor

R.T.: 9.771 min  
Delta R.T.: 0.000 min  
Response: 346813205  
Conc: 484.67 ng/ml



#20 Methoxychlor

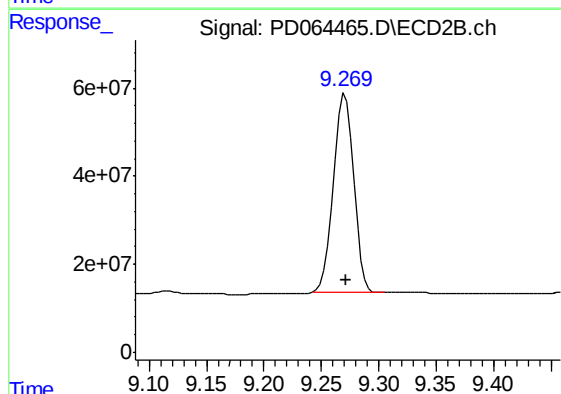
R.T.: 9.041 min  
Delta R.T.: 0.000 min  
Response: 1155398506  
Conc: 451.22 ng/ml



#21 Endrin ketone

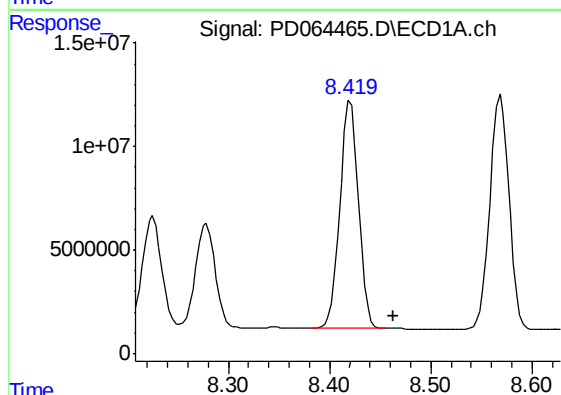
R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 149554105  
Conc: 98.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



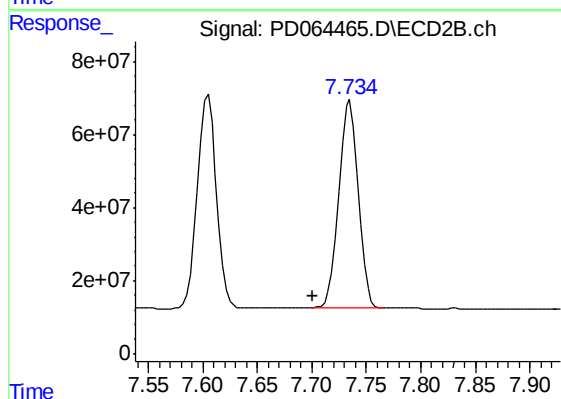
#21 Endrin ketone

R.T.: 9.270 min  
Delta R.T.: 0.000 min  
Response: 564659352  
Conc: 94.13 ng/ml



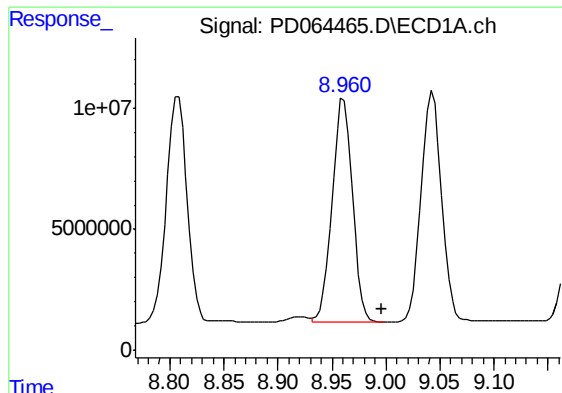
#22 Toxaphene-1

R.T.: 8.421 min  
Delta R.T.: -0.042 min  
Response: 139401009  
Conc: 14939.23 ng/ml



#22 Toxaphene-1

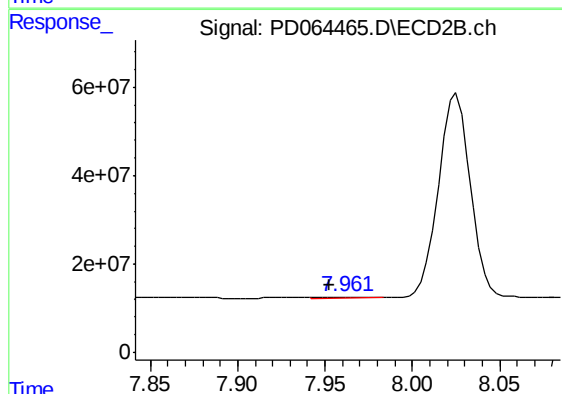
R.T.: 7.735 min  
Delta R.T.: 0.034 min  
Response: 706428266  
Conc: 18775.26 ng/ml



#23 Toxaphene-2

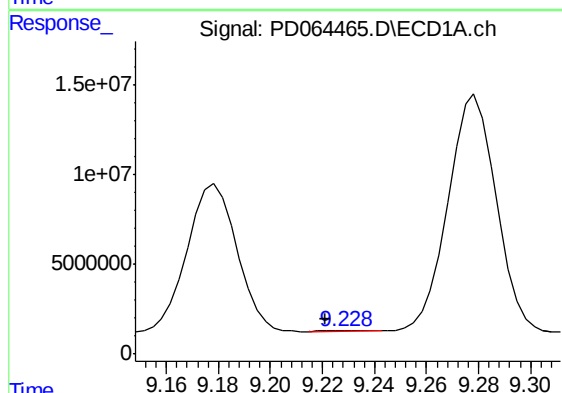
R.T.: 8.961 min  
Delta R.T.: -0.035 min  
Response: 122175183  
Conc: 7008.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



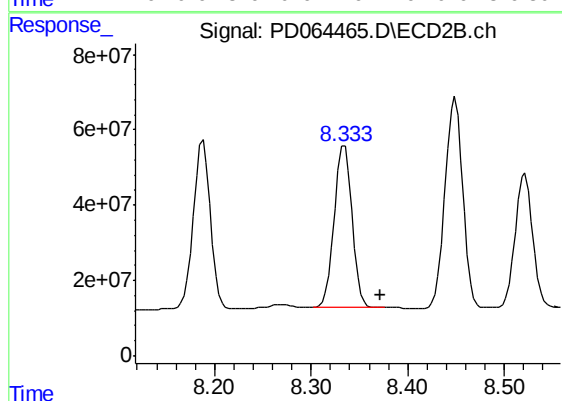
#23 Toxaphene-2

R.T.: 7.962 min  
Delta R.T.: 0.010 min  
Response: 2615705  
Conc: 30.97 ng/ml



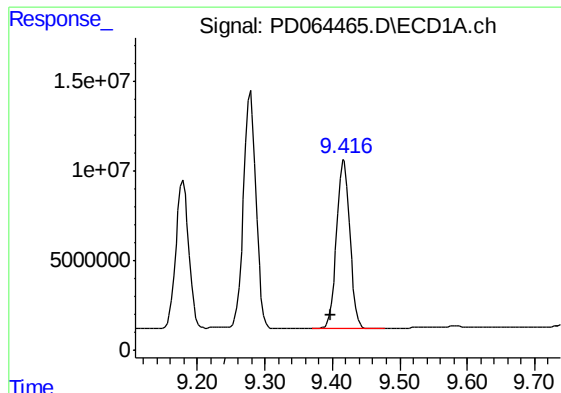
#24 Toxaphene-3

R.T.: 9.230 min  
Delta R.T.: 0.009 min  
Response: 285607  
Conc: 23.56 ng/ml



#24 Toxaphene-3

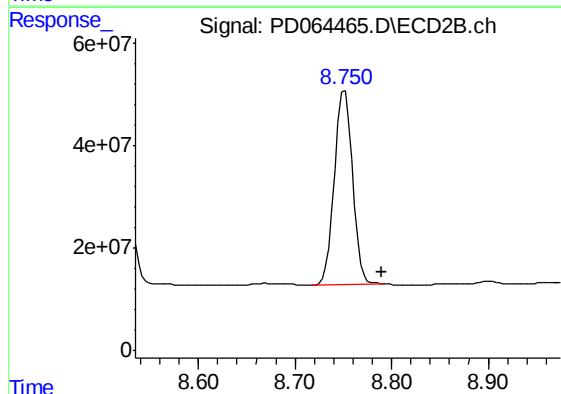
R.T.: 8.334 min  
Delta R.T.: -0.038 min  
Response: 541201797  
Conc: 4723.47 ng/ml



#25 Toxaphene-4

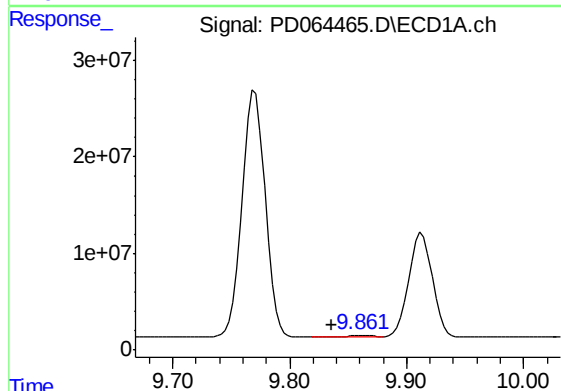
R.T.: 9.418 min  
Delta R.T.: 0.021 min  
Response: 129223892  
Conc: 5379.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



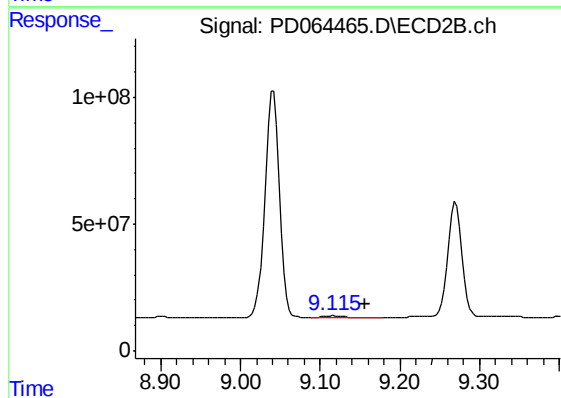
#25 Toxaphene-4

R.T.: 8.751 min  
Delta R.T.: -0.039 min  
Response: 484194101  
Conc: 8595.41 ng/ml



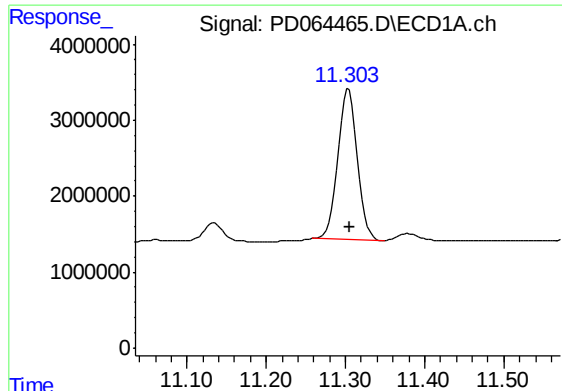
#26 Toxaphene-5

R.T.: 9.862 min  
Delta R.T.: 0.026 min  
Response: 2922430  
Conc: 158.29 ng/ml



#26 Toxaphene-5

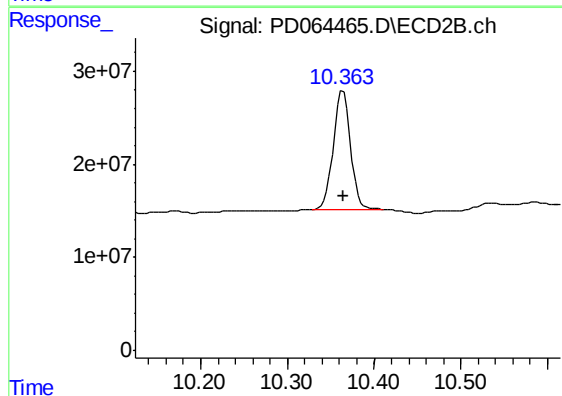
R.T.: 9.117 min  
Delta R.T.: -0.040 min  
Response: 11459768  
Conc: 91.16 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min  
Delta R.T.: -0.001 min  
Response: 34594384  
Conc: 26.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JLX88MS



#27 Decachlorobiphenyl

R.T.: 10.364 min  
Delta R.T.: -0.001 min  
Response: 177026141  
Conc: 29.77 ng/ml