

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072721\  
 Data File : PD064473.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2021 13:57  
 Operator : AR\AJ  
 Sample : INDA334  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA3113

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 04:23:55 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  | 4.619  | 23696728 | 190.7E6  | 19.865   | 20.867   |
| 27)                         | SA Decachlor... | 11.302 | 10.364 | 52418466 | 248.0E6  | 39.820   | 41.696   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 5.987  | 5.321  | 31979144 | 251.5E6  | 19.630   | 20.402   |
| 3)                          | MA gamma-BHC... | 6.384  | 5.741  | 30985955 | 230.2E6  | 19.757   | 20.187   |
| 4)                          | MA Heptachlor   | 7.034  | 6.150  | 32456353 | 236.3E6  | 19.312   | 20.842   |
| 5)                          | MB Aldrin       | 0.000  | 6.472  | 0        | 1723606  | N.D.     | 0.164    |
| 6)                          | B beta-BHC      | 0.000  | 6.089f | 0        | 6337774  | N.D.     | 1.045    |
| 7)                          | B delta-BHC     | 6.878f | 6.395  | 5122026  | 382278   | 2.943    | <MDL #   |
| 9)                          | A Endosulfan I  | 8.277  | 7.448  | 28000878 | 157.3E6  | 19.864   | 20.450   |
| 10)                         | B trans-Chl...  | 0.000  | 7.344  | 0        | 285751   | N.D.     | <MDL     |
| 11)                         | B cis-Chlor...  | 8.277f | 7.374  | 28000878 | 1554427  | 17.971   | 0.175 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 7.643f | 0        | 318653   | N.D.     | <MDL     |
| 13)                         | MA Dieldrin     | 8.568  | 7.734  | 58889571 | 303.6E6  | 39.489   | 37.794   |
| 14)                         | MA Endrin       | 8.807  | 8.025  | 47400414 | 226.6E6  | 37.020   | 39.450   |
| 15)                         | B Endosulfa...  | 0.000  | 8.270f | 0        | 15861208 | N.D.     | 2.748    |
| 16)                         | A 4,4'-DDD      | 8.961  | 8.187  | 48573788 | 230.2E6  | 39.570   | 39.972   |
| 17)                         | MA 4,4'-DDT     | 9.278  | 8.448  | 50665714 | 224.6E6  | 38.811   | 40.805   |
| 18)                         | B Endrin al...  | 9.177  | 8.521  | 833790   | 4606844  | 0.736    | 0.933 #  |
| 19)                         | B Endosulfa...  | 0.000  | 8.746  | 0        | 2336666  | N.D.     | 0.433    |
| 20)                         | A Methoxychlor  | 9.770  | 9.040  | 138.8E6  | 503.8E6  | 193.984  | 196.734  |
| 21)                         | B Endrin ke...  | 9.912  | 9.269  | 2372448  | 16467531 | 1.568    | 2.745 #  |
| 22)                         | Toxaphene-1     | 0.000  | 7.734  | 0        | 303.6E6  | N.D.     | 8067.710 |
| 23)                         | Toxaphene-2     | 8.961  | 7.960  | 48573788 | 1688264  | 2786.382 | 19.992 # |
| 24)                         | Toxaphene-3     | 9.177  | 0.000  | 833790   | 0        | 68.785   | N.D. #   |
| 25)                         | Toxaphene-4     | 0.000  | 8.746  | 0        | 2336666  | N.D.     | 41.480   |
| 26)                         | Toxaphene-5     | 9.863  | 9.155  | 1676667  | 2833868  | 90.813   | 22.542 # |
| -----                       |                 |        |        |          |          |          |          |

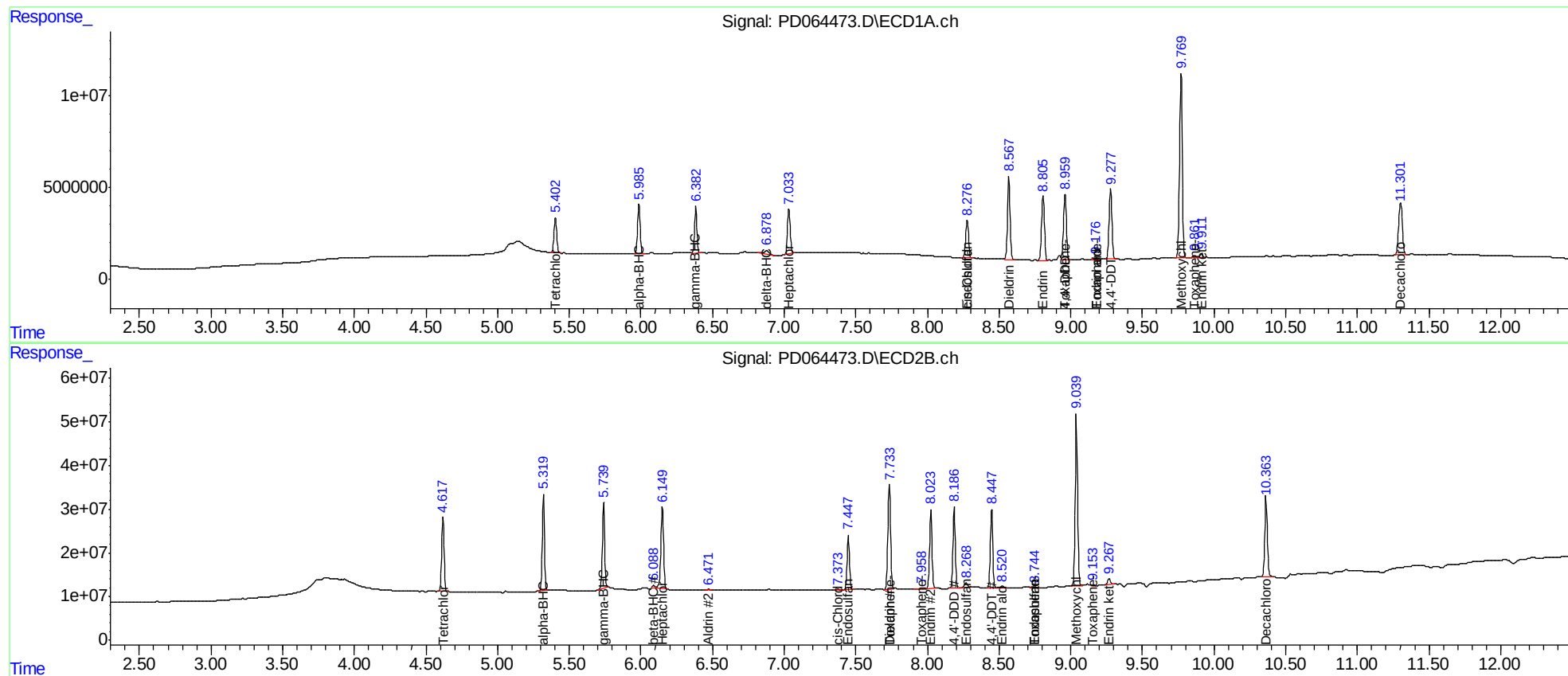
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

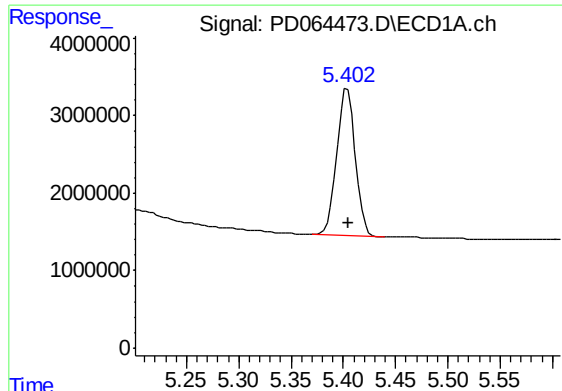
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072721\  
Data File : PD064473.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2021 13:57  
Operator : AR\AJ  
Sample : INDA334  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_D  
Client Sample Id :  
INDA3113

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 04:23:55 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

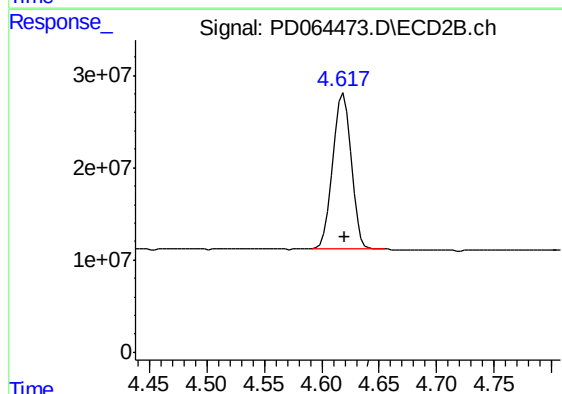




#1 Tetrachloro-m-xylene

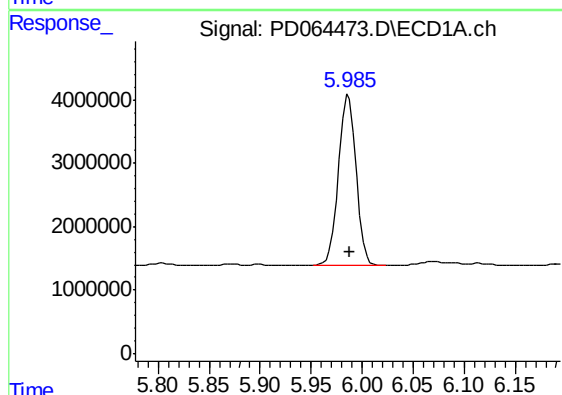
R.T.: 5.404 min  
Delta R.T.: -0.001 min  
Response: 23696728  
Conc: 19.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



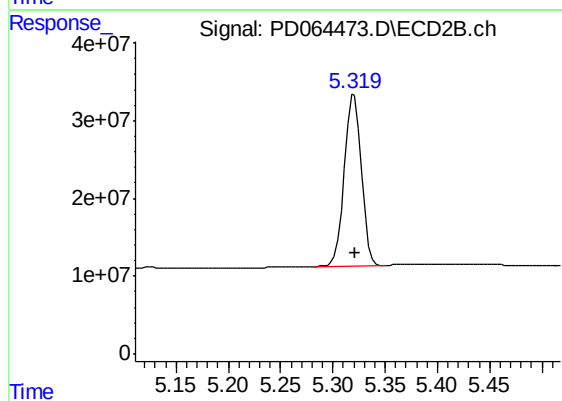
#1 Tetrachloro-m-xylene

R.T.: 4.619 min  
Delta R.T.: -0.001 min  
Response: 190677248  
Conc: 20.87 ng/ml



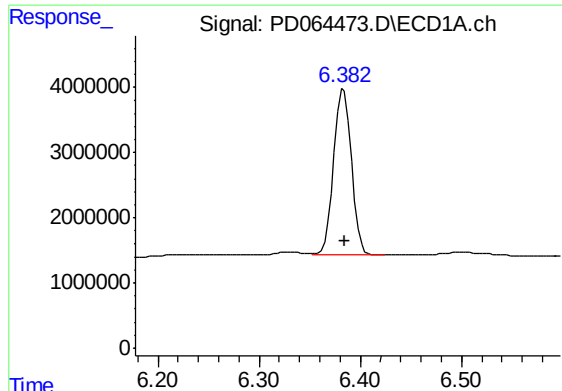
#2 alpha-BHC

R.T.: 5.987 min  
Delta R.T.: -0.001 min  
Response: 31979144  
Conc: 19.63 ng/ml



#2 alpha-BHC

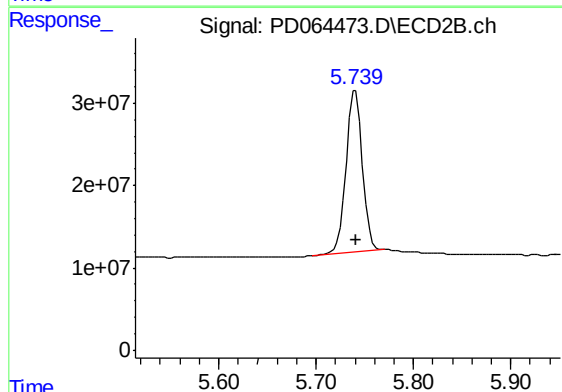
R.T.: 5.321 min  
Delta R.T.: 0.000 min  
Response: 251461757  
Conc: 20.40 ng/ml



#3 gamma-BHC (Lindane)

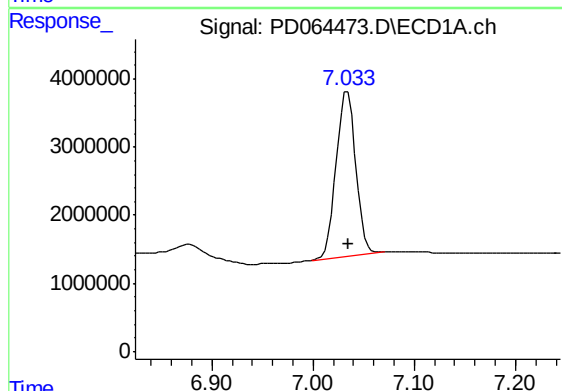
R.T.: 6.384 min  
Delta R.T.: -0.001 min  
Response: 30985955  
Conc: 19.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



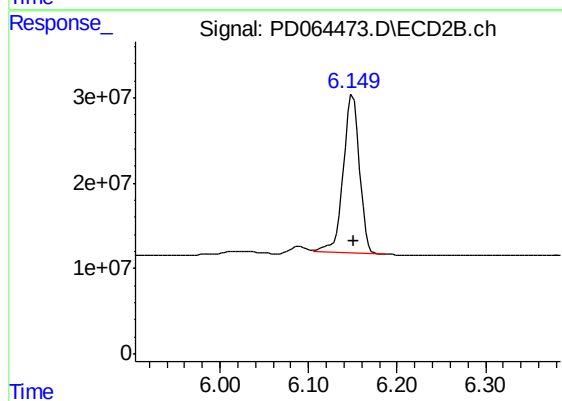
#3 gamma-BHC (Lindane)

R.T.: 5.741 min  
Delta R.T.: -0.001 min  
Response: 23020051  
Conc: 20.19 ng/ml



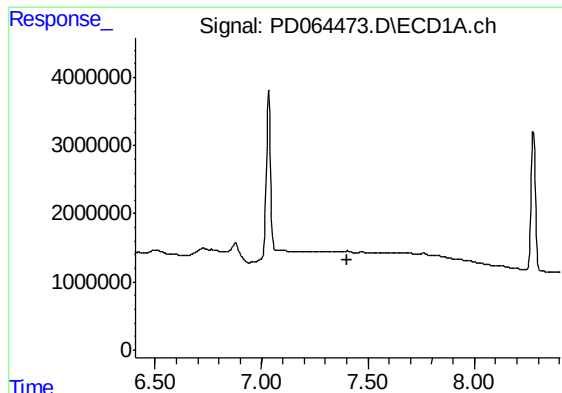
#4 Heptachlor

R.T.: 7.034 min  
Delta R.T.: -0.001 min  
Response: 32456353  
Conc: 19.31 ng/ml



#4 Heptachlor

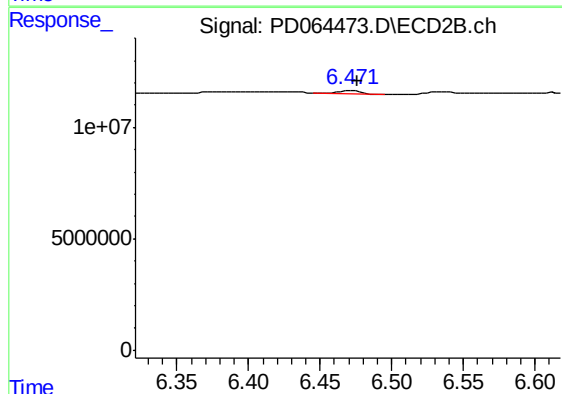
R.T.: 6.150 min  
Delta R.T.: -0.001 min  
Response: 236299946  
Conc: 20.84 ng/ml



#5 Aldrin

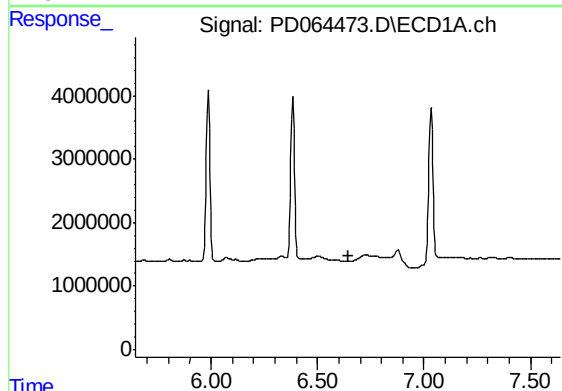
R.T.: 0.000 min  
Exp R.T. : 7.406 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



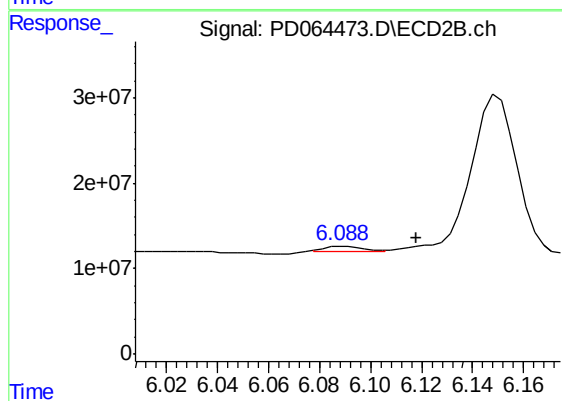
#5 Aldrin

R.T.: 6.472 min  
Delta R.T.: -0.004 min  
Response: 1723606  
Conc: 0.16 ng/ml



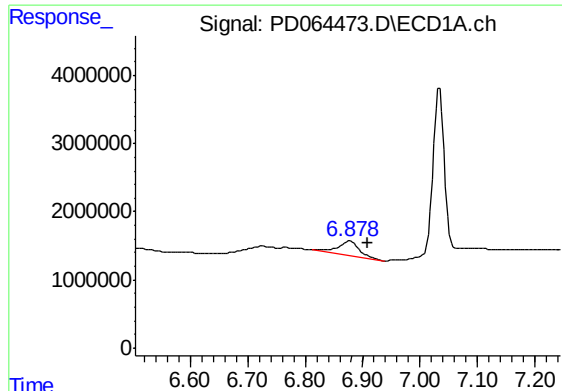
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.644 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

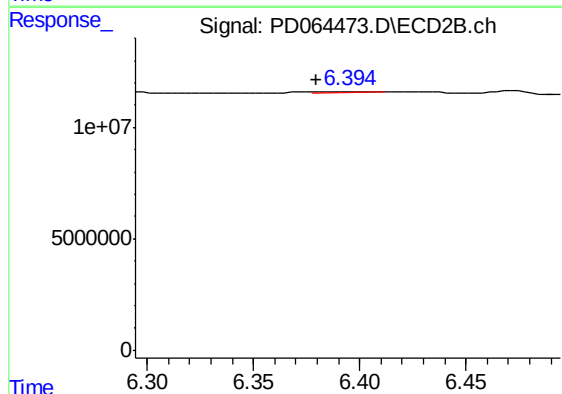
R.T.: 6.089 min  
Delta R.T.: -0.029 min  
Response: 6337774  
Conc: 1.04 ng/ml



#7 delta-BHC

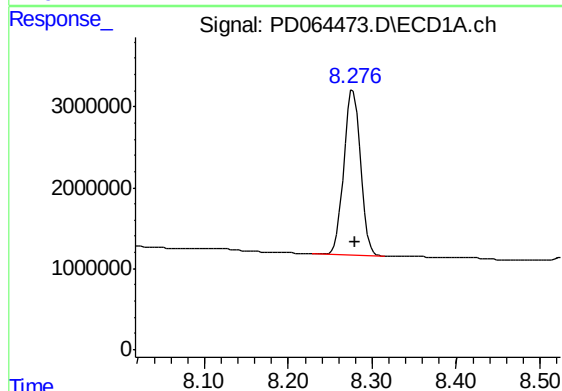
R.T.: 6.878 min  
Delta R.T.: -0.031 min  
Response: 5122026  
Conc: 2.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



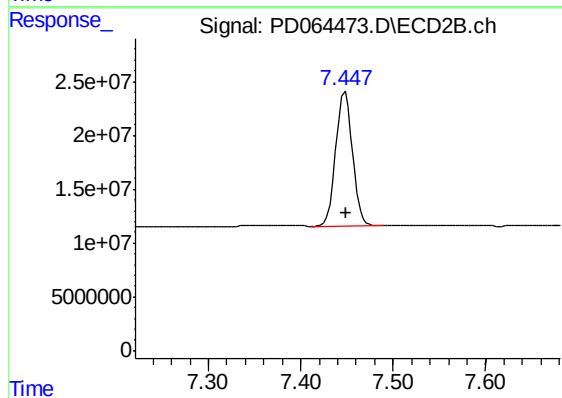
#7 delta-BHC

R.T.: 6.395 min  
Delta R.T.: 0.016 min  
Response: 382278  
Conc: N.D.



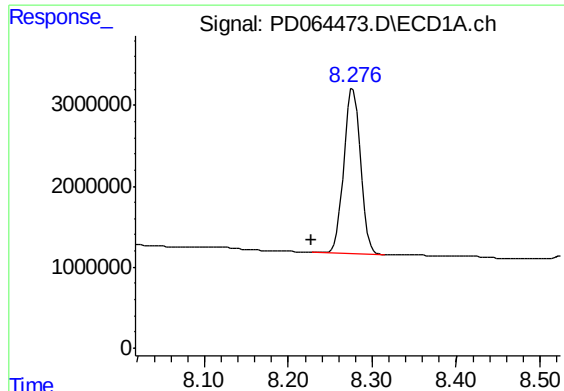
#9 Endosulfan I

R.T.: 8.277 min  
Delta R.T.: -0.002 min  
Response: 28000878  
Conc: 19.86 ng/ml



#9 Endosulfan I

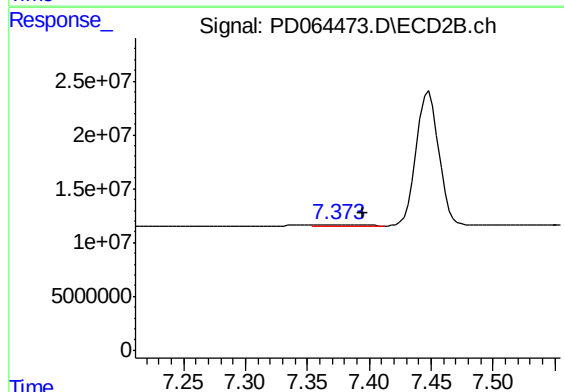
R.T.: 7.448 min  
Delta R.T.: -0.001 min  
Response: 157253144  
Conc: 20.45 ng/ml



#11 cis-Chlordane

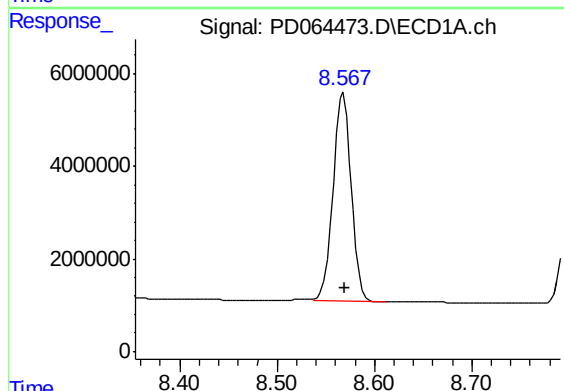
R.T.: 8.277 min  
Delta R.T.: 0.050 min  
Response: 28000878  
Conc: 17.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



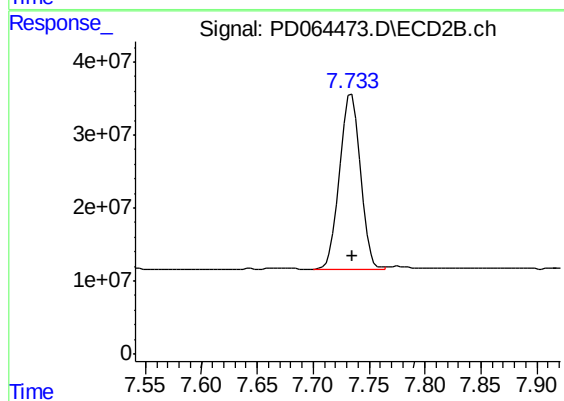
#11 cis-Chlordane

R.T.: 7.374 min  
Delta R.T.: -0.020 min  
Response: 1554427  
Conc: 0.17 ng/ml



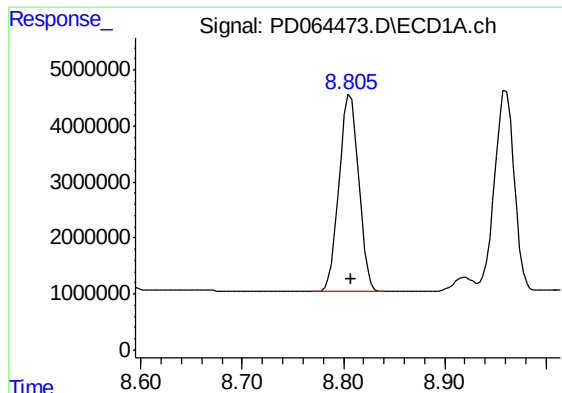
#13 Dieldrin

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 58889571  
Conc: 39.49 ng/ml



#13 Dieldrin

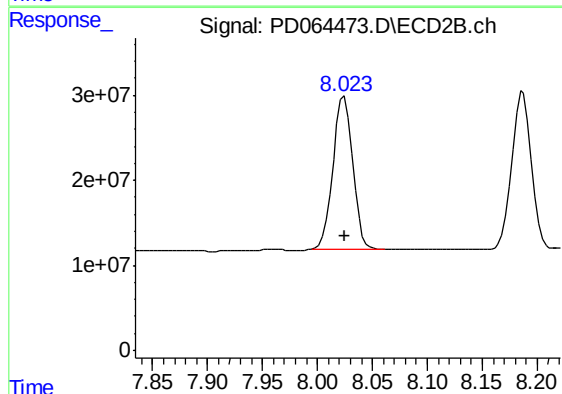
R.T.: 7.734 min  
Delta R.T.: 0.000 min  
Response: 303551487  
Conc: 37.79 ng/ml



#14 Endrin

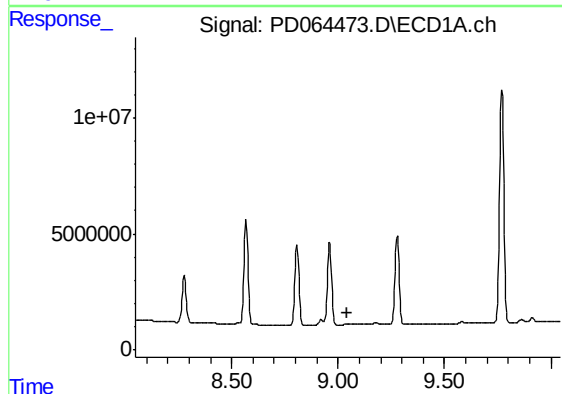
R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 47400414  
Conc: 37.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



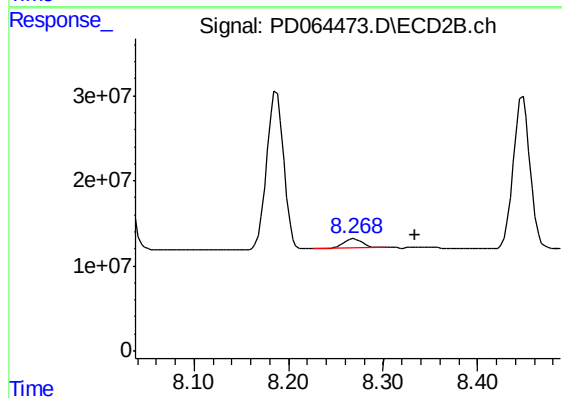
#14 Endrin

R.T.: 8.025 min  
Delta R.T.: 0.000 min  
Response: 226624659  
Conc: 39.45 ng/ml



#15 Endosulfan II

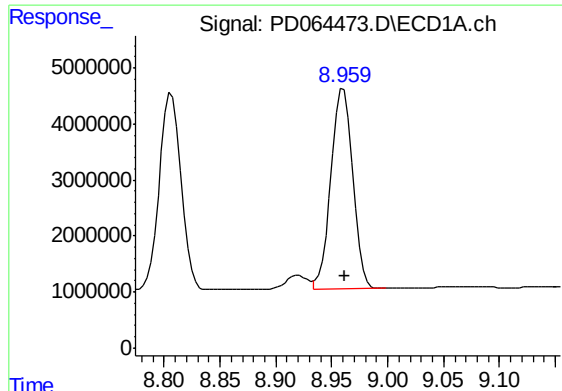
R.T.: 0.000 min  
Exp R.T. : 9.045 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

R.T.: 8.270 min  
Delta R.T.: -0.065 min  
Response: 15861208  
Conc: 2.75 ng/ml

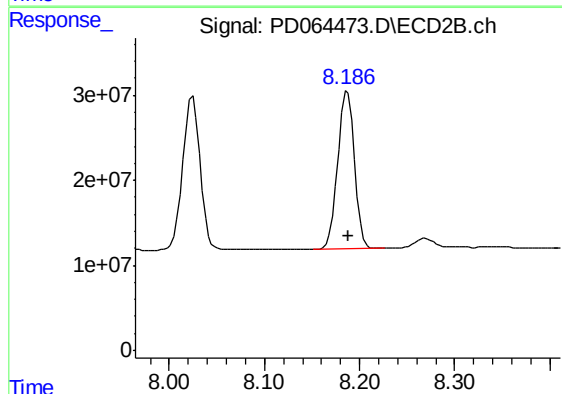




#16 4,4'-DDD

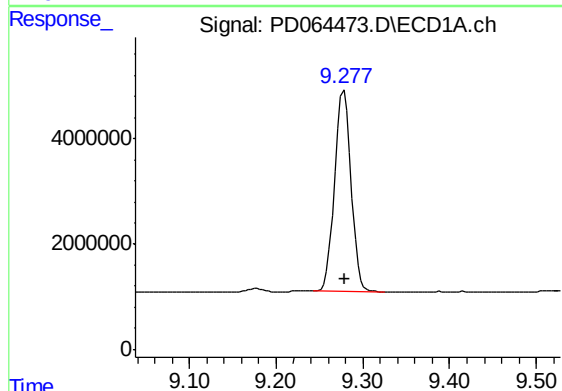
R.T.: 8.961 min  
Delta R.T.: -0.001 min  
Response: 48573788  
Conc: 39.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



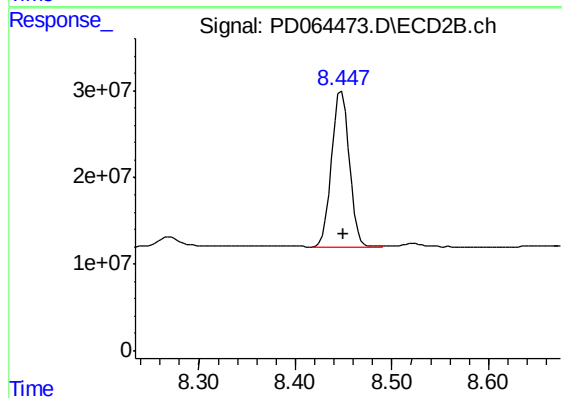
#16 4,4'-DDD

R.T.: 8.187 min  
Delta R.T.: -0.001 min  
Response: 230221264  
Conc: 39.97 ng/ml



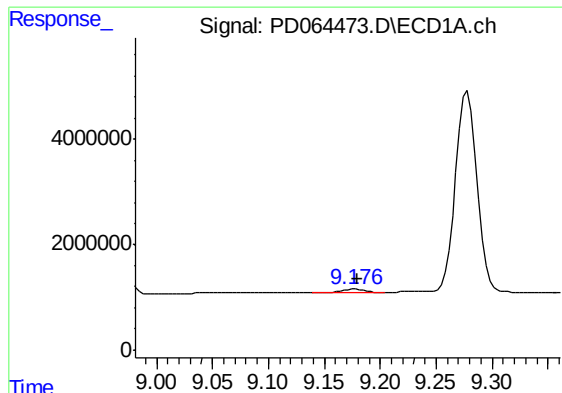
#17 4,4'-DDT

R.T.: 9.278 min  
Delta R.T.: -0.002 min  
Response: 50665714  
Conc: 38.81 ng/ml



#17 4,4'-DDT

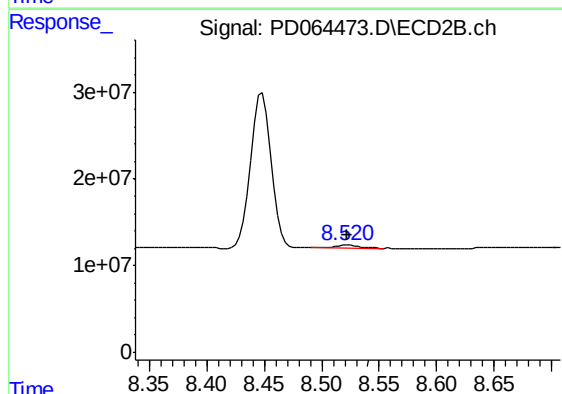
R.T.: 8.448 min  
Delta R.T.: -0.002 min  
Response: 224617458  
Conc: 40.81 ng/ml



#18 Endrin aldehyde

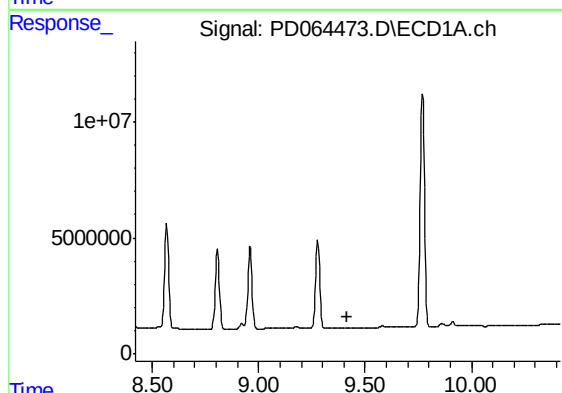
R.T.: 9.177 min  
Delta R.T.: -0.002 min  
Response: 833790  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



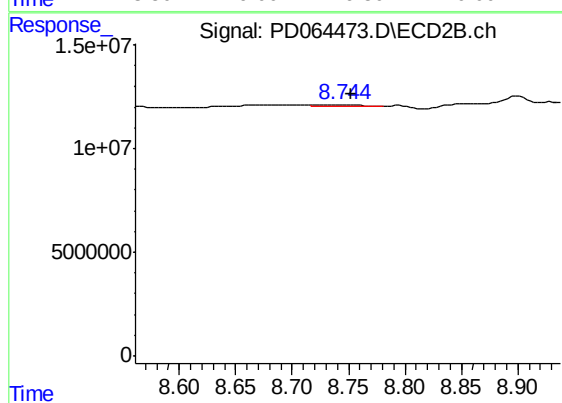
#18 Endrin aldehyde

R.T.: 8.521 min  
Delta R.T.: 0.000 min  
Response: 4606844  
Conc: 0.93 ng/ml



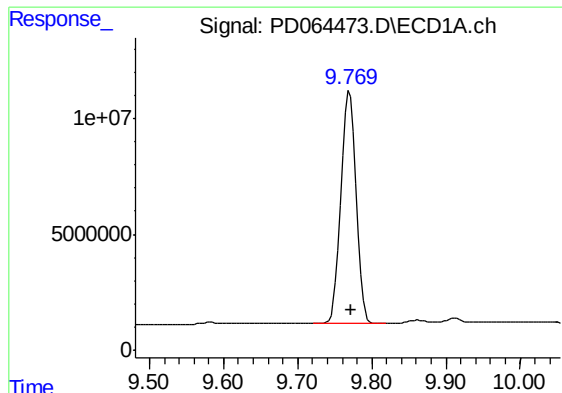
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 9.419 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

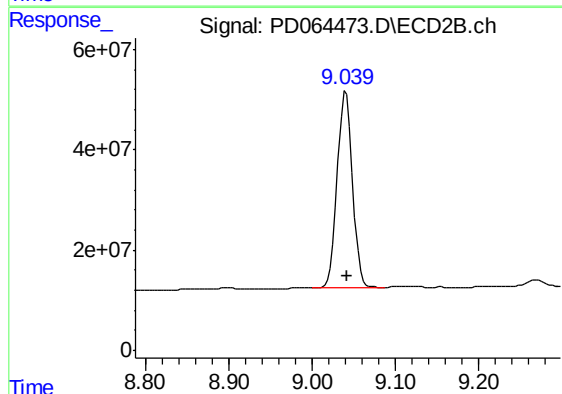
R.T.: 8.746 min  
Delta R.T.: -0.007 min  
Response: 2336666  
Conc: 0.43 ng/ml



#20 Methoxychlor

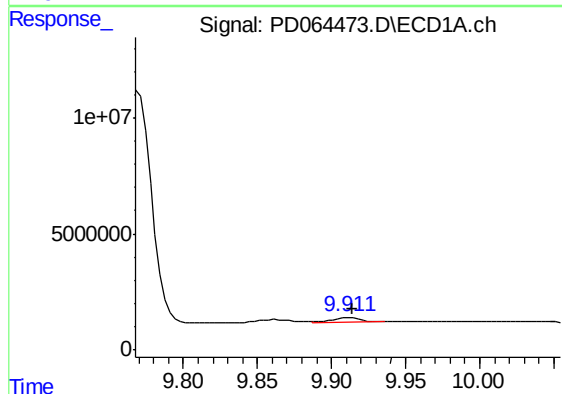
R.T.: 9.770 min  
Delta R.T.: -0.001 min  
Response: 138807724  
Conc: 193.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



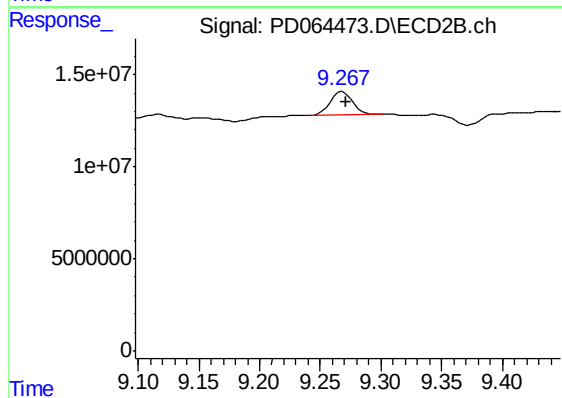
#20 Methoxychlor

R.T.: 9.040 min  
Delta R.T.: -0.002 min  
Response: 503758364  
Conc: 196.73 ng/ml



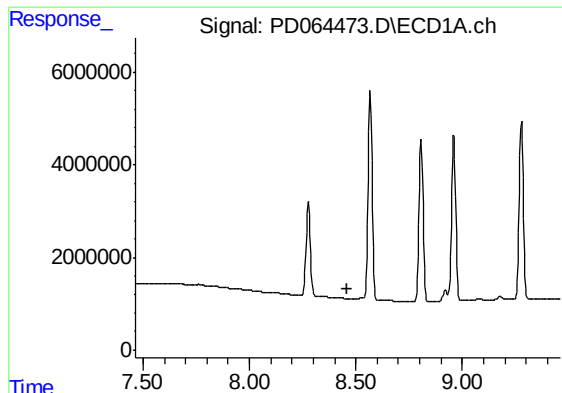
#21 Endrin ketone

R.T.: 9.912 min  
Delta R.T.: -0.002 min  
Response: 2372448  
Conc: 1.57 ng/ml



#21 Endrin ketone

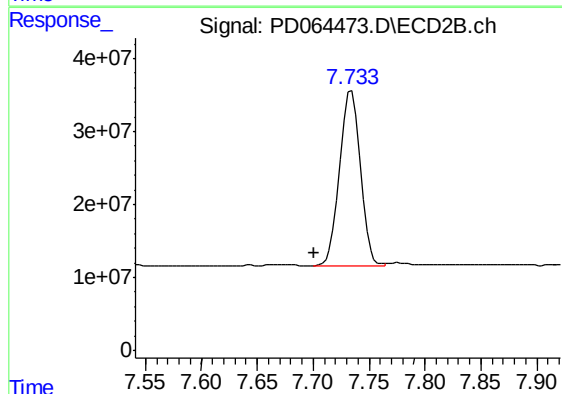
R.T.: 9.269 min  
Delta R.T.: -0.002 min  
Response: 16467531  
Conc: 2.75 ng/ml



#22 Toxaphene-1

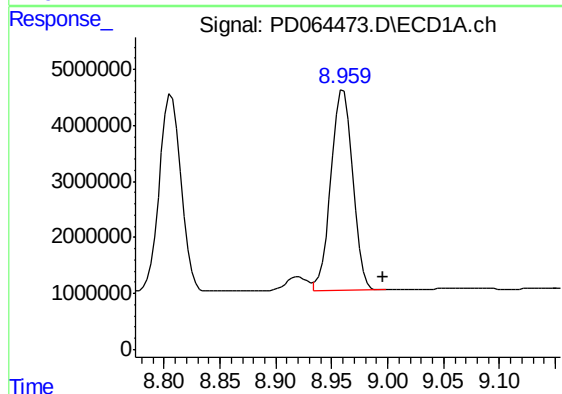
R.T.: 0.000 min  
Exp R.T.: 8.463 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



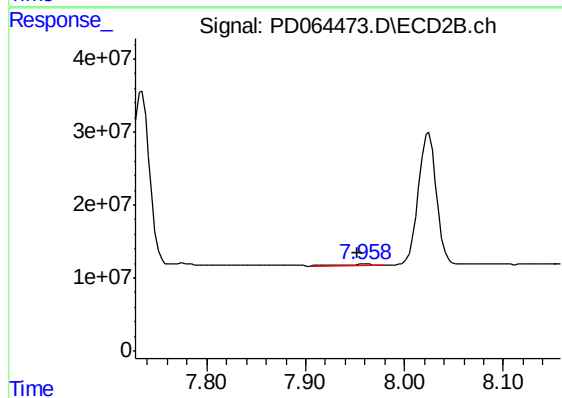
#22 Toxaphene-1

R.T.: 7.734 min  
Delta R.T.: 0.033 min  
Response: 303551487  
Conc: 8067.71 ng/ml



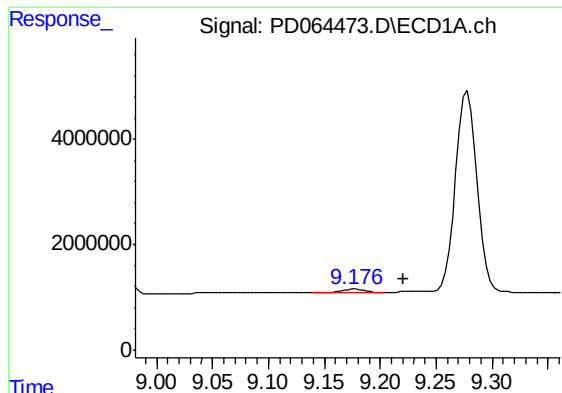
#23 Toxaphene-2

R.T.: 8.961 min  
Delta R.T.: -0.036 min  
Response: 48573788  
Conc: 2786.38 ng/ml



#23 Toxaphene-2

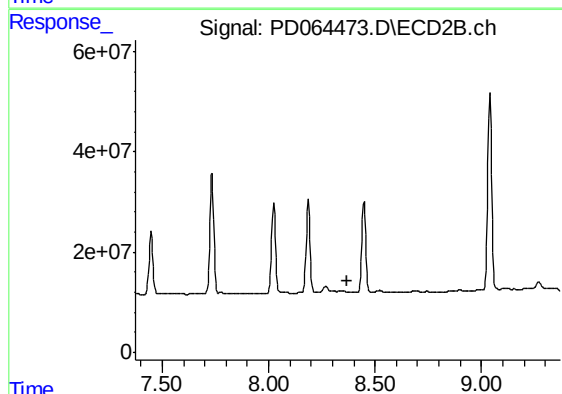
R.T.: 7.960 min  
Delta R.T.: 0.007 min  
Response: 1688264  
Conc: 19.99 ng/ml



#24 Toxaphene-3

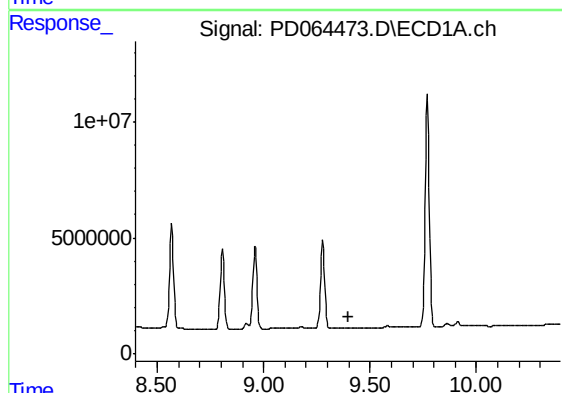
R.T.: 9.177 min  
Delta R.T.: -0.044 min  
Response: 833790  
Conc: 68.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



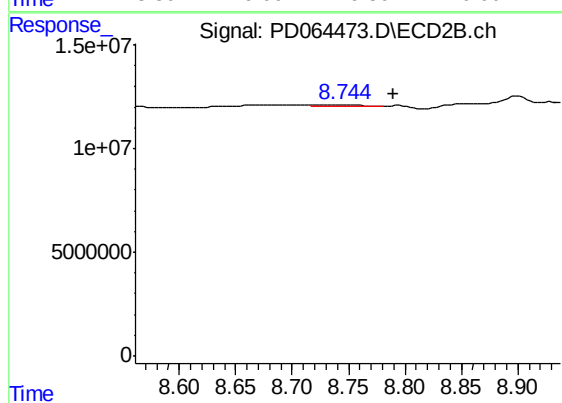
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 8.373 min  
Response: 0  
Conc: N.D.



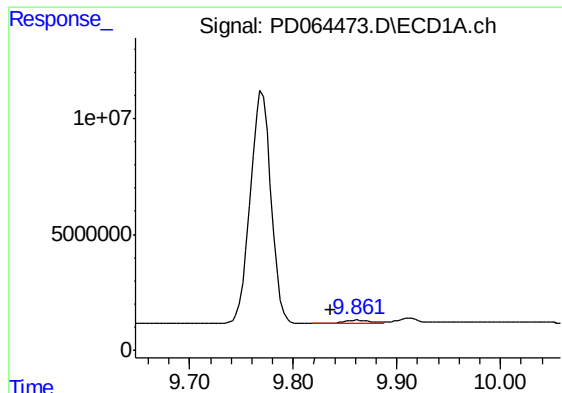
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 9.397 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

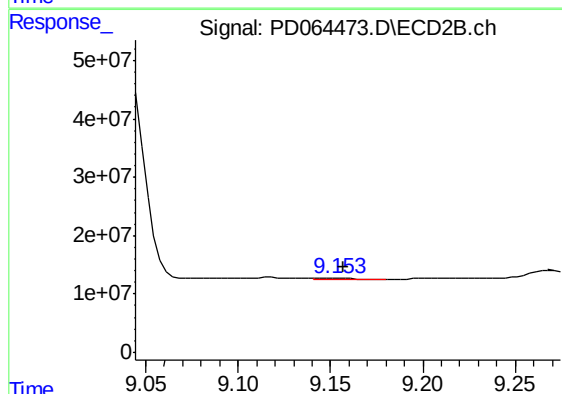
R.T.: 8.746 min  
Delta R.T.: -0.044 min  
Response: 2336666  
Conc: 41.48 ng/ml



#26 Toxaphene-5

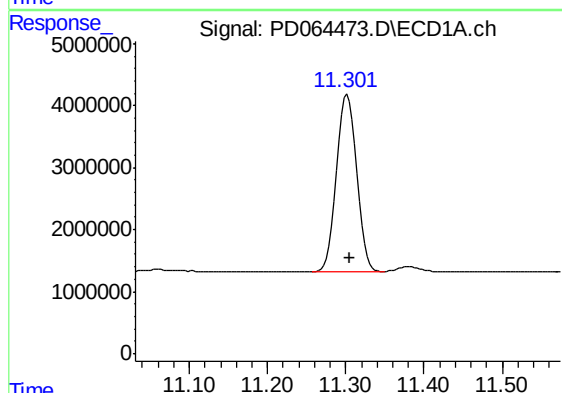
R.T.: 9.863 min  
Delta R.T.: 0.027 min  
Response: 1676667  
Conc: 90.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3113



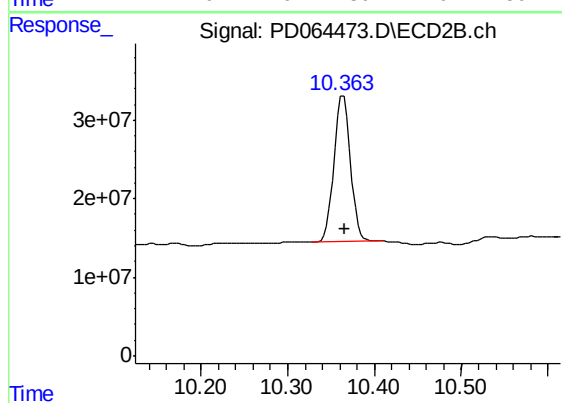
#26 Toxaphene-5

R.T.: 9.155 min  
Delta R.T.: -0.003 min  
Response: 2833868  
Conc: 22.54 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.302 min  
Delta R.T.: -0.003 min  
Response: 52418466  
Conc: 39.82 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.364 min  
Delta R.T.: -0.001 min  
Response: 247961288  
Conc: 41.70 ng/ml