

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
 Data File : PD064616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2021 05:51  
 Operator : AR\AJ  
 Sample : M3123-05  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0068

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 06:32:11 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

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 5.416  | 4.617  | 43173941 | 124.9E6  | 36.193   | 13.663 #   |
| 27)                         | SA Decachlor... | 11.304 | 10.361 | 13199275 | 85498356 | 10.027   | 14.377 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.986  | 5.324  | 6000264  | 40307147 | 3.683    | 3.270      |
| 3)                          | MA gamma-BHC... | 6.402  | 5.734  | 1006132  | 64270352 | 0.642    | 5.636 #    |
| 5)                          | MB Aldrin       | 7.427  | 6.463  | 2461776  | 20653519 | 1.563    | 1.963 #    |
| 6)                          | B beta-BHC      | 6.640  | 6.123  | 576320   | 38686317 | 0.739    | 6.377 #    |
| 7)                          | B delta-BHC     | 0.000  | 6.362  | 0        | 14308444 | N.D.     | 1.317      |
| 8)                          | B Heptachlo...  | 7.876  | 7.035  | 1719765  | -549716  | 1.002    | N.D. #     |
| 9)                          | A Endosulfan I  | 8.259  | 7.466  | 4719056  | 79281150 | 3.348    | 10.310 #   |
| 10)                         | B trans-Chl...  | 8.132  | 0.000  | 47577290 | 0        | 29.690   | N.D. #     |
| 11)                         | B cis-Chlor...  | 8.221  | 7.397  | 16942072 | 44801442 | 10.873   | 5.036 #    |
| 12)                         | B 4,4'-DDE      | 8.388  | 7.606  | 2123124  | 18844880 | 1.473    | 2.498 #    |
| 13)                         | MA Dieldrin     | 8.571  | 7.739  | 3904921  | 39469900 | 2.618    | 4.914 #    |
| 14)                         | MA Endrin       | 8.824  | 8.033  | 6856083  | 3980614  | 5.355    | 0.693 #    |
| 15)                         | B Endosulfa...  | 9.034  | 8.336  | 5630623  | 16747964 | 4.336    | 2.901 #    |
| 16)                         | A 4,4'-DDD      | 8.955  | 8.175  | 32928253 | 68968109 | 26.824   | 11.975 #   |
| 17)                         | MA 4,4'-DDT     | 9.246  | 8.439  | 9875552  | 53593906 | 7.565    | 9.736 #    |
| 19)                         | B Endosulfa...  | 9.422  | 8.748  | 10312074 | 76806337 | 7.482    | 14.249 #   |
| 21)                         | B Endrin ke...  | 9.915  | 9.265  | 3910695  | 2063058  | 2.585    | 0.344 #    |
| 22)                         | Toxaphene-1     | 8.503  | 7.704  | 5593403  | 181.9E6  | 599.430  | 4834.430 # |
| 23)                         | Toxaphene-2     | 9.034  | 7.927  | 5630623  | 31426684 | 322.994  | 372.142    |
| 24)                         | Toxaphene-3     | 9.246  | 8.392  | 9875552  | 10811040 | 814.701  | 94.356 #   |
| 25)                         | Toxaphene-4     | 9.390  | 8.748  | 7031359  | 76806337 | 292.695  | 1363.466 # |
| 26)                         | Toxaphene-5     | 9.877  | 9.159  | 32854770 | 19115646 | 1779.503 | 152.057 #  |
| -----                       |                 |        |        |          |          |          |            |

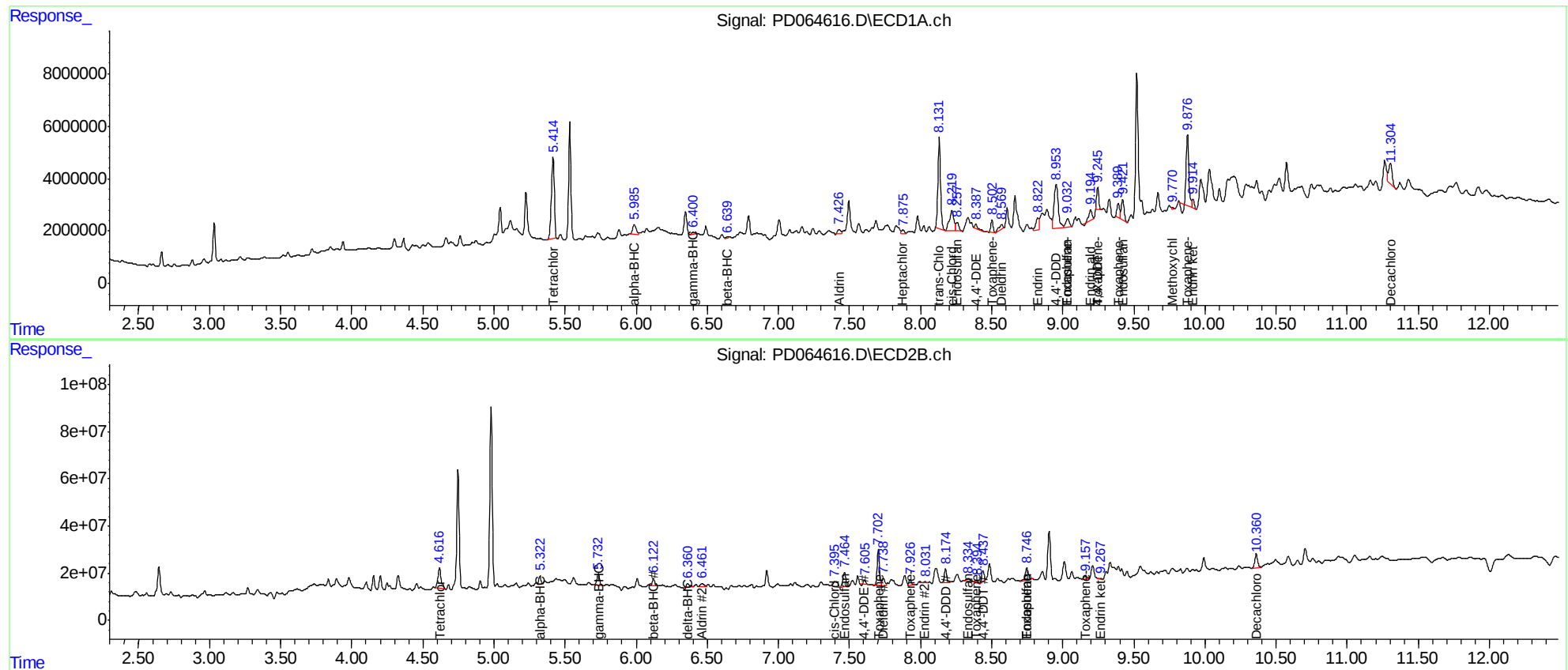
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

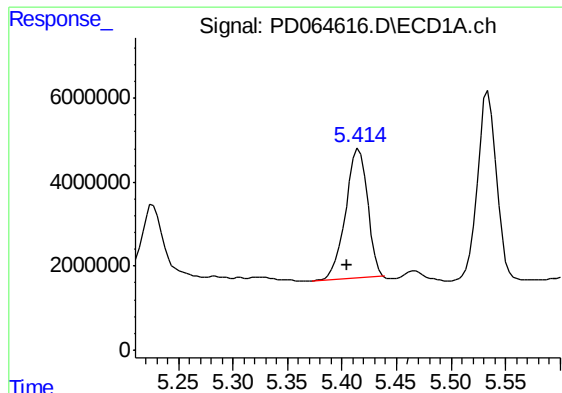
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
Data File : PD064616.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2021 05:51  
Operator : AR\AJ  
Sample : M3123-05  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0068

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 06:32:11 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

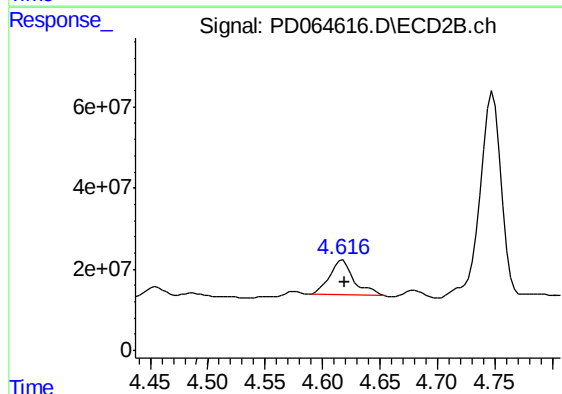




#1 Tetrachloro-m-xylene

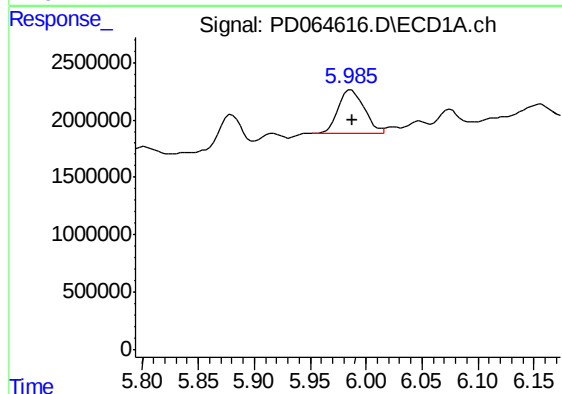
R.T.: 5.416 min  
Delta R.T.: 0.011 min  
Response: 43173941  
Conc: 36.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



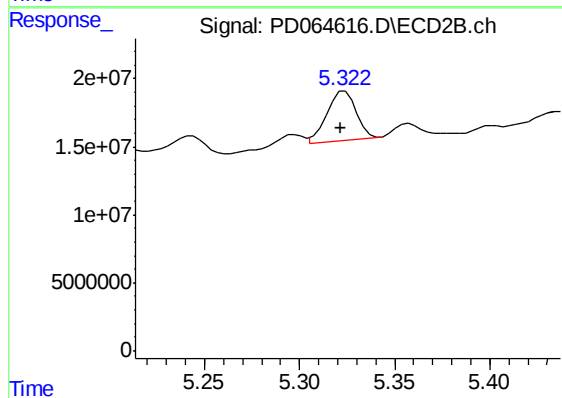
#1 Tetrachloro-m-xylene

R.T.: 4.617 min  
Delta R.T.: -0.002 min  
Response: 124852484  
Conc: 13.66 ng/ml



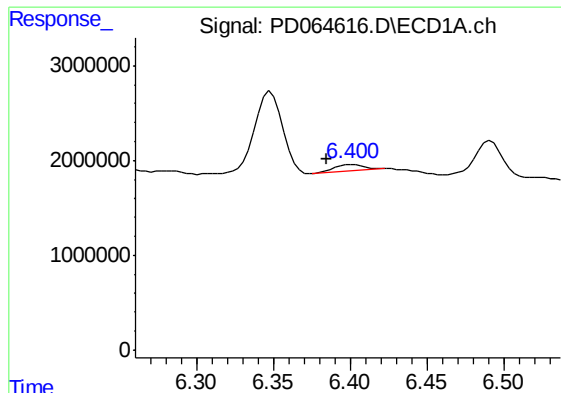
#2 alpha-BHC

R.T.: 5.986 min  
Delta R.T.: -0.002 min  
Response: 6000264  
Conc: 3.68 ng/ml



#2 alpha-BHC

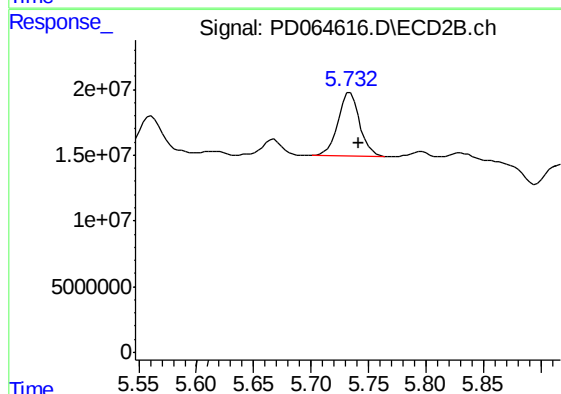
R.T.: 5.324 min  
Delta R.T.: 0.002 min  
Response: 40307147  
Conc: 3.27 ng/ml



#3 gamma-BHC (Lindane)

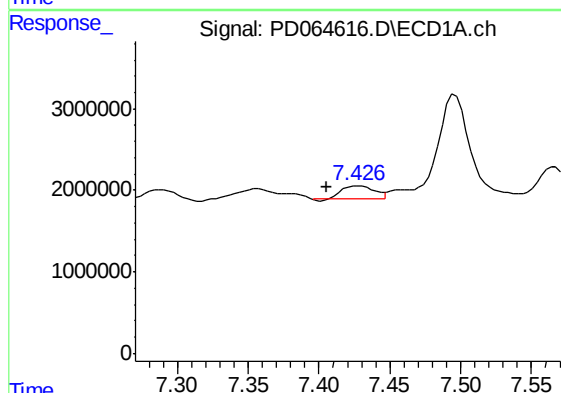
R.T.: 6.402 min  
Delta R.T.: 0.017 min  
Response: 1006132  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



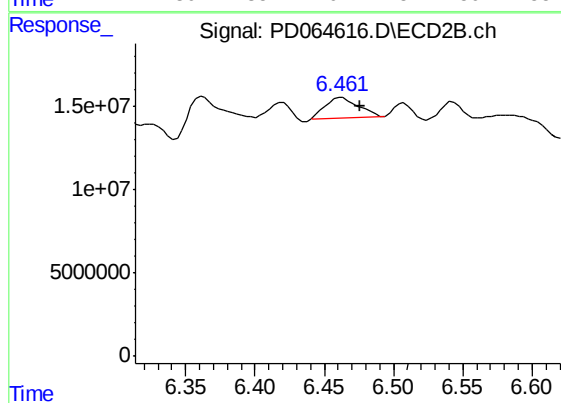
#3 gamma-BHC (Lindane)

R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 64270352  
Conc: 5.64 ng/ml



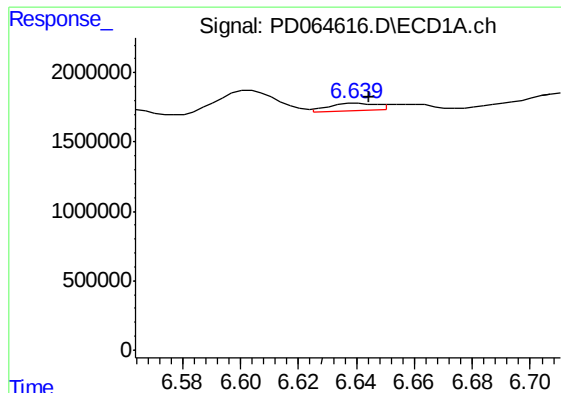
#5 Aldrin

R.T.: 7.427 min  
Delta R.T.: 0.021 min  
Response: 2461776  
Conc: 1.56 ng/ml



#5 Aldrin

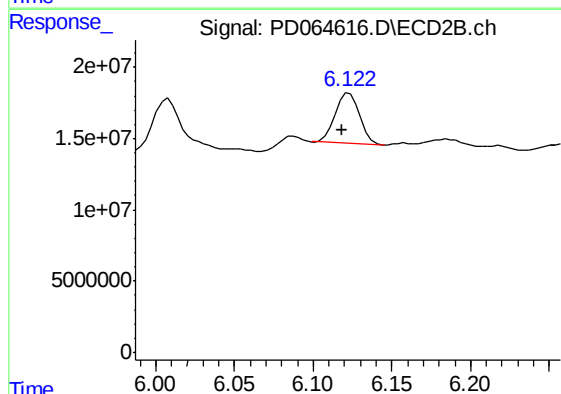
R.T.: 6.463 min  
Delta R.T.: -0.014 min  
Response: 20653519  
Conc: 1.96 ng/ml



#6 beta-BHC

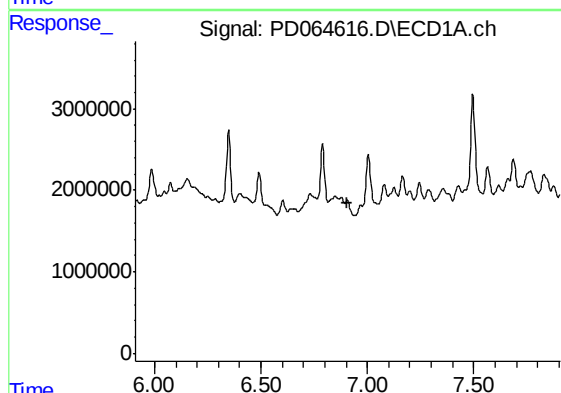
R.T.: 6.640 min  
Delta R.T.: -0.004 min  
Response: 576320  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



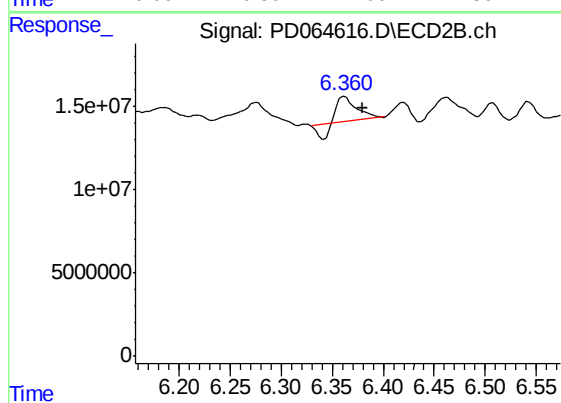
#6 beta-BHC

R.T.: 6.123 min  
Delta R.T.: 0.005 min  
Response: 38686317  
Conc: 6.38 ng/ml



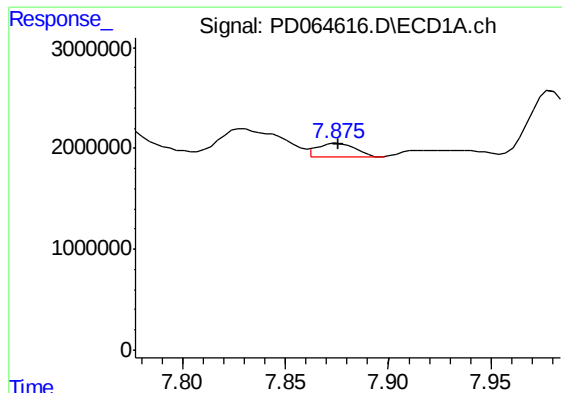
#7 delta-BHC

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



#7 delta-BHC

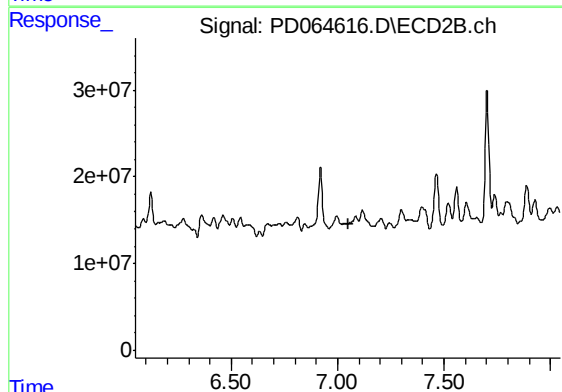
R.T.: 6.362 min  
Delta R.T.: -0.018 min  
Response: 14308444  
Conc: 1.32 ng/ml



#8 Heptachlor epoxide

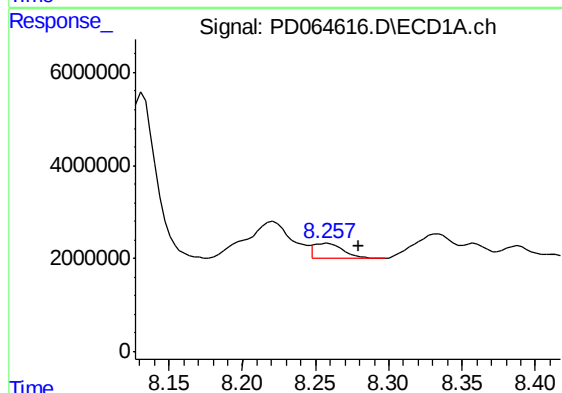
R.T.: 7.876 min  
Delta R.T.: 0.000 min  
Response: 1719765  
Conc: 1.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



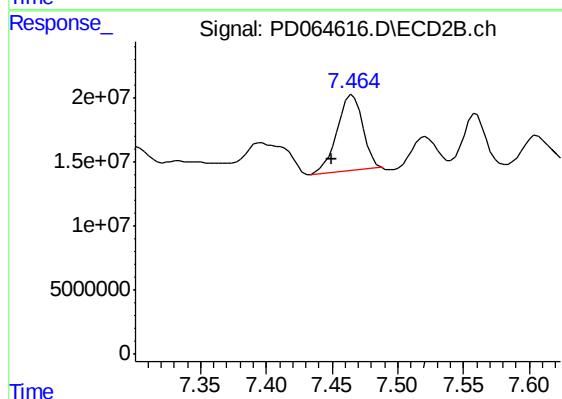
#8 Heptachlor epoxide

R.T.: 7.035 min  
Delta R.T.: -0.013 min  
Response: -549716  
Conc: N.D.



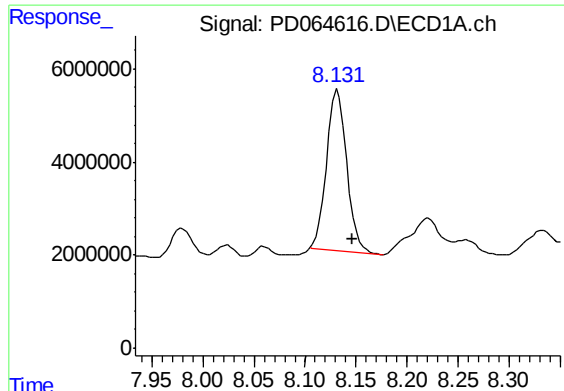
#9 Endosulfan I

R.T.: 8.259 min  
Delta R.T.: -0.021 min  
Response: 4719056  
Conc: 3.35 ng/ml



#9 Endosulfan I

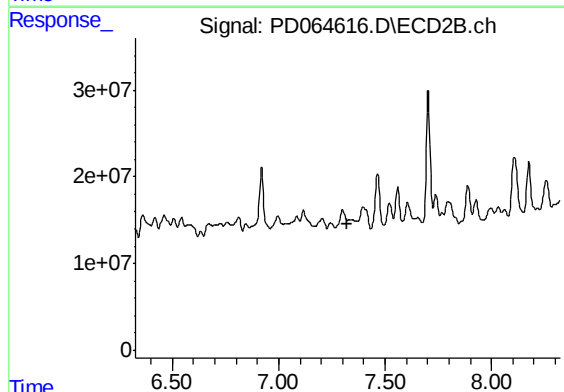
R.T.: 7.466 min  
Delta R.T.: 0.016 min  
Response: 79281150  
Conc: 10.31 ng/ml



#10 trans-Chlordane

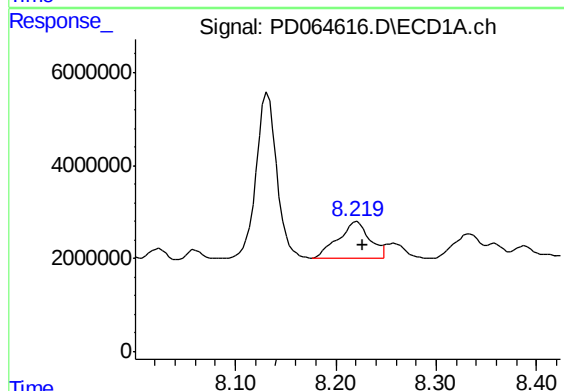
R.T.: 8.132 min  
Delta R.T.: -0.014 min  
Response: 47577290  
Conc: 29.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



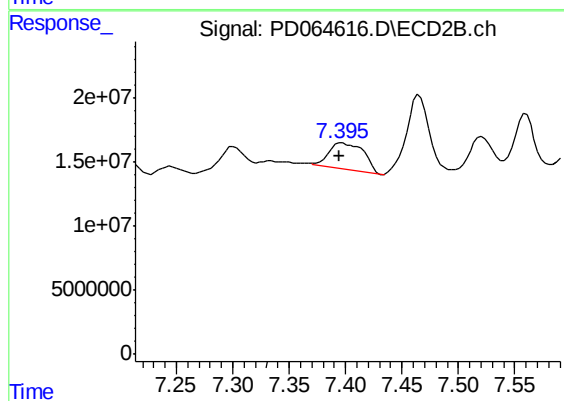
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 7.325 min  
Response: 0  
Conc: N.D.



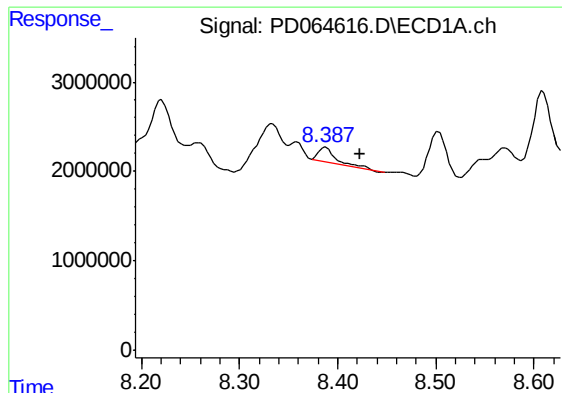
#11 cis-Chlordane

R.T.: 8.221 min  
Delta R.T.: -0.006 min  
Response: 16942072  
Conc: 10.87 ng/ml



#11 cis-Chlordane

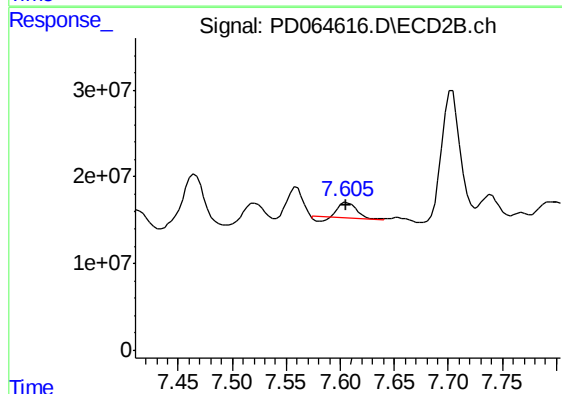
R.T.: 7.397 min  
Delta R.T.: 0.003 min  
Response: 44801442  
Conc: 5.04 ng/ml



#12 4,4'-DDE

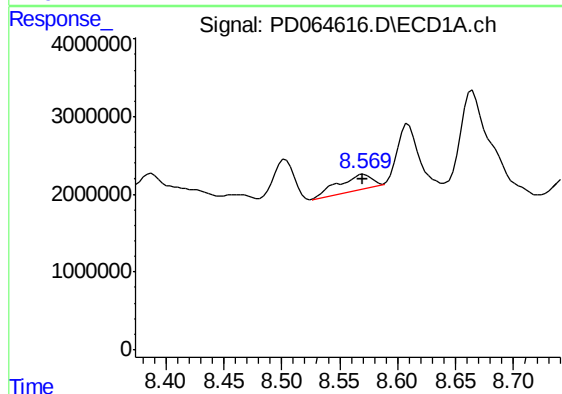
R.T.: 8.388 min  
Delta R.T.: -0.035 min  
Response: 2123124  
Conc: 1.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



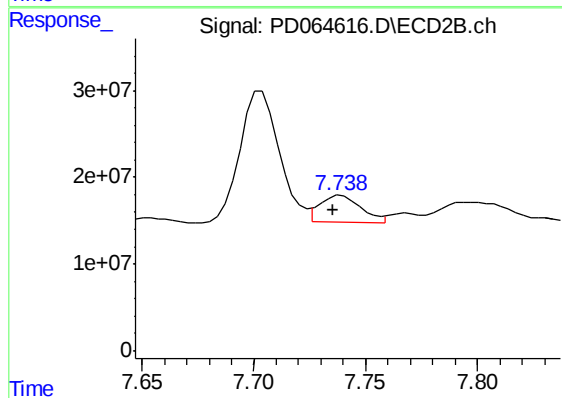
#12 4,4'-DDE

R.T.: 7.606 min  
Delta R.T.: 0.000 min  
Response: 18844880  
Conc: 2.50 ng/ml



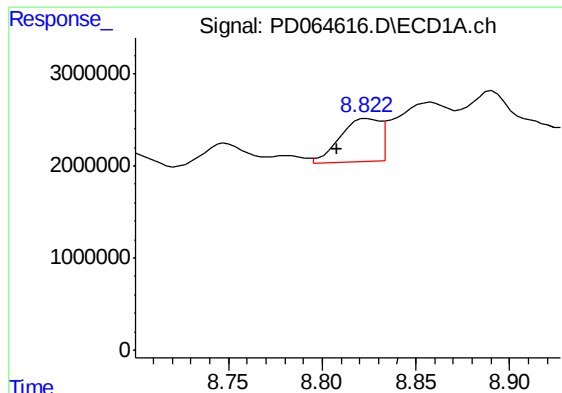
#13 Dieldrin

R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 3904921  
Conc: 2.62 ng/ml



#13 Dieldrin

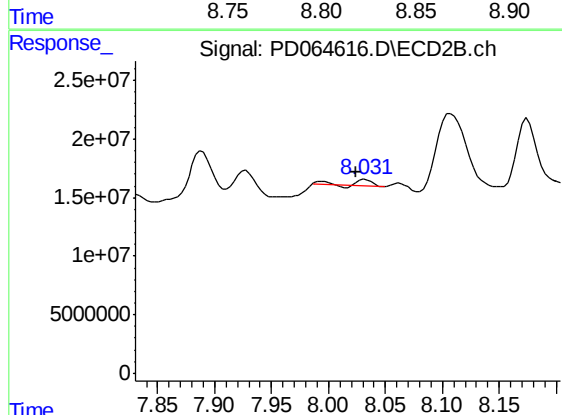
R.T.: 7.739 min  
Delta R.T.: 0.004 min  
Response: 39469900  
Conc: 4.91 ng/ml



#14 Endrin

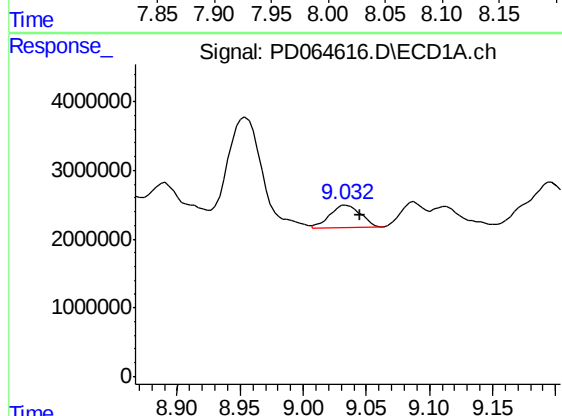
R.T.: 8.824 min  
Delta R.T.: 0.016 min  
Response: 6856083  
Conc: 5.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



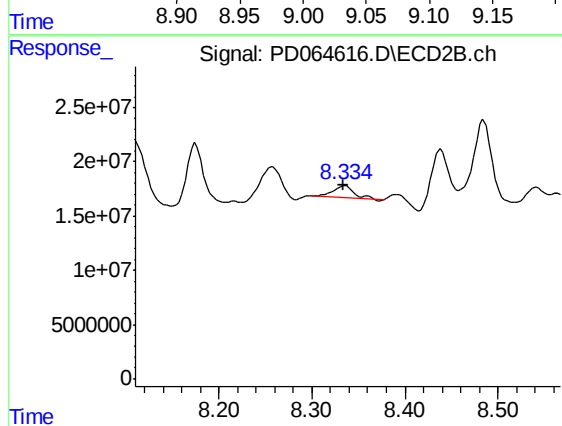
#14 Endrin

R.T.: 8.033 min  
Delta R.T.: 0.008 min  
Response: 3980614  
Conc: 0.69 ng/ml



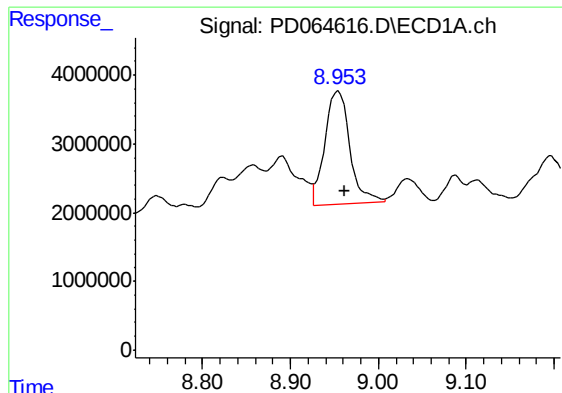
#15 Endosulfan II

R.T.: 9.034 min  
Delta R.T.: -0.011 min  
Response: 5630623  
Conc: 4.34 ng/ml



#15 Endosulfan II

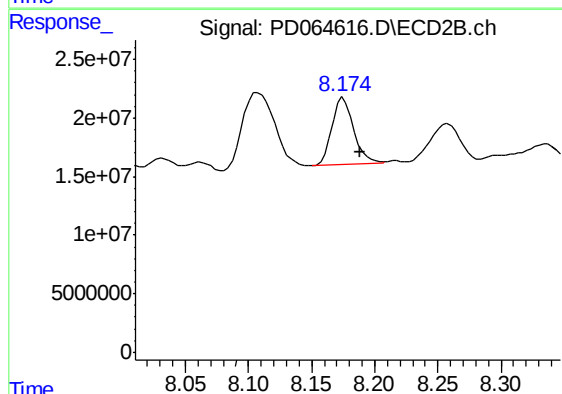
R.T.: 8.336 min  
Delta R.T.: 0.001 min  
Response: 16747964  
Conc: 2.90 ng/ml



#16 4,4'-DDD

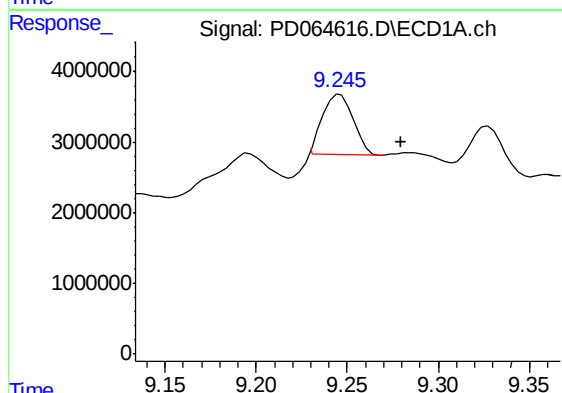
R.T.: 8.955 min  
Delta R.T.: -0.007 min  
Response: 32928253  
Conc: 26.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



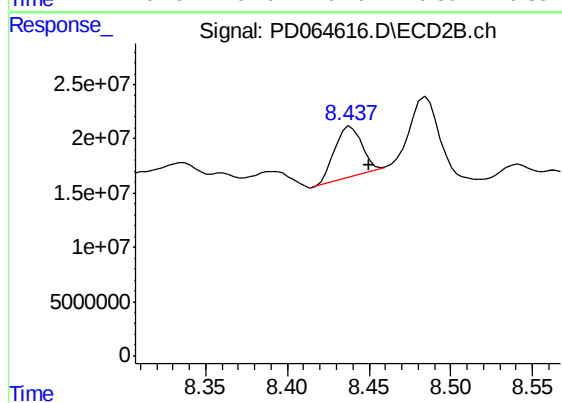
#16 4,4'-DDD

R.T.: 8.175 min  
Delta R.T.: -0.013 min  
Response: 68968109  
Conc: 11.97 ng/ml



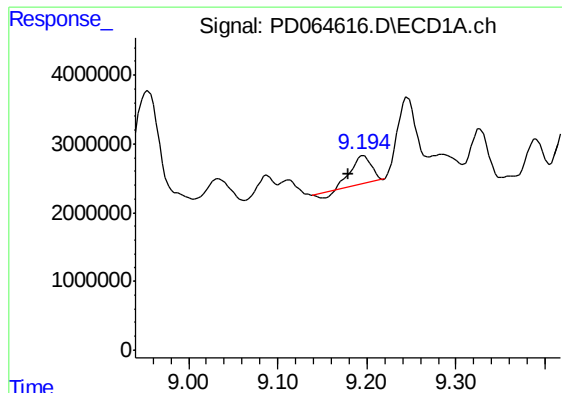
#17 4,4'-DDT

R.T.: 9.246 min  
Delta R.T.: -0.034 min  
Response: 9875552  
Conc: 7.56 ng/ml



#17 4,4'-DDT

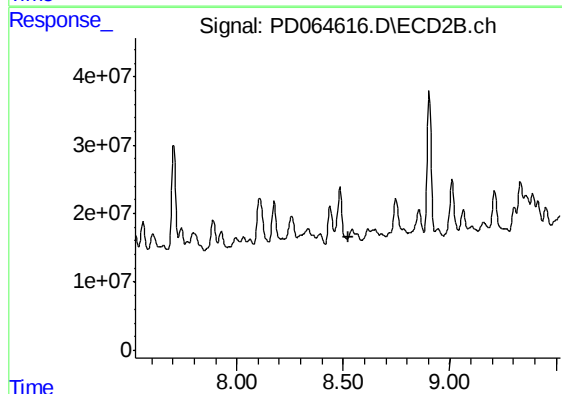
R.T.: 8.439 min  
Delta R.T.: -0.011 min  
Response: 53593906  
Conc: 9.74 ng/ml



#18 Endrin aldehyde

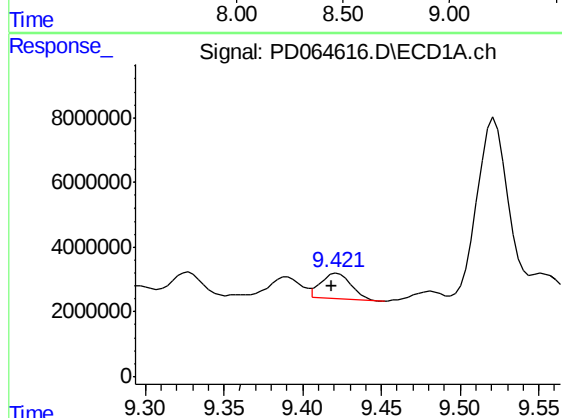
R.T.: 9.196 min  
Delta R.T.: 0.016 min  
Response: 5819902  
Conc: 5.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



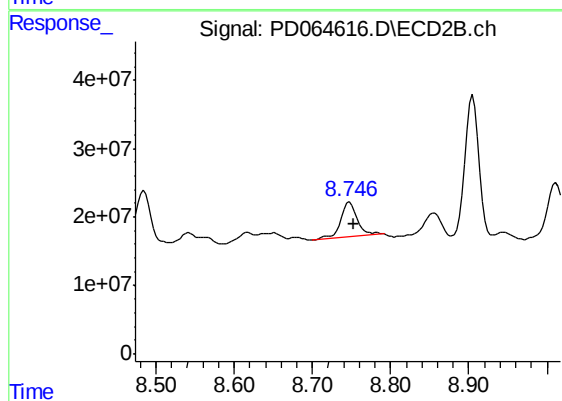
#18 Endrin aldehyde

R.T.: 8.542 min  
Delta R.T.: 0.020 min  
Response: -77356455  
Conc: N.D.



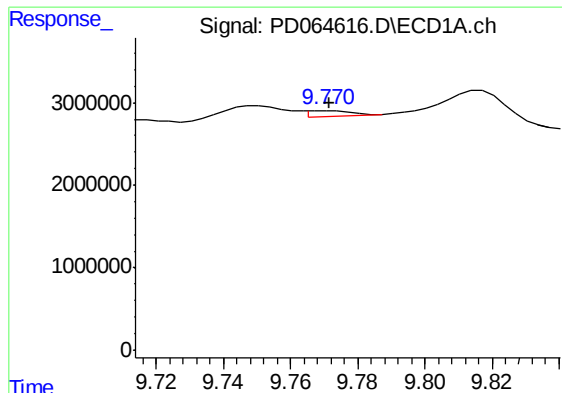
#19 Endosulfan Sulfate

R.T.: 9.422 min  
Delta R.T.: 0.004 min  
Response: 10312074  
Conc: 7.48 ng/ml



#19 Endosulfan Sulfate

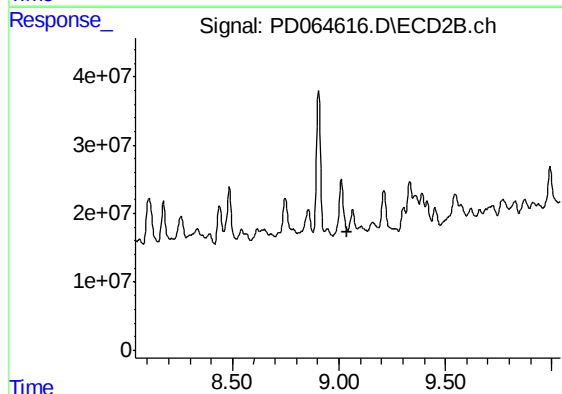
R.T.: 8.748 min  
Delta R.T.: -0.004 min  
Response: 76806337  
Conc: 14.25 ng/ml



#20 Methoxychlor

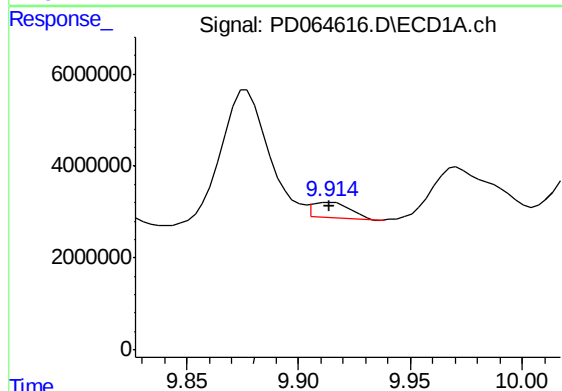
R.T.: 9.772 min  
Delta R.T.: 0.000 min  
Response: 620579  
Conc: 0.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



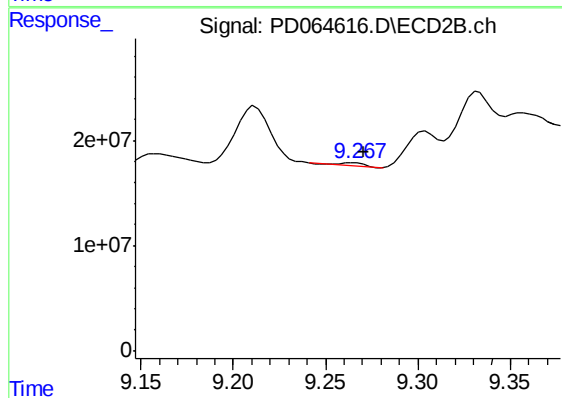
#20 Methoxychlor

R.T.: 9.064 min  
Delta R.T.: 0.022 min  
Response: -33490925  
Conc: N.D.



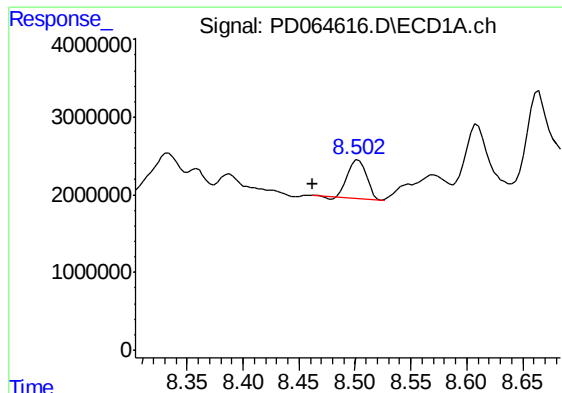
#21 Endrin ketone

R.T.: 9.915 min  
Delta R.T.: 0.000 min  
Response: 3910695  
Conc: 2.58 ng/ml



#21 Endrin ketone

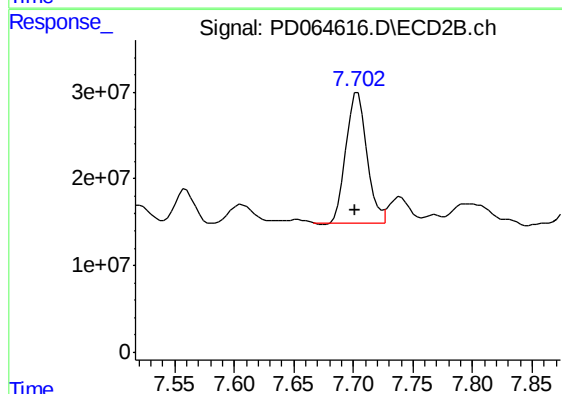
R.T.: 9.265 min  
Delta R.T.: -0.006 min  
Response: 2063058  
Conc: 0.34 ng/ml



#22 Toxaphene-1

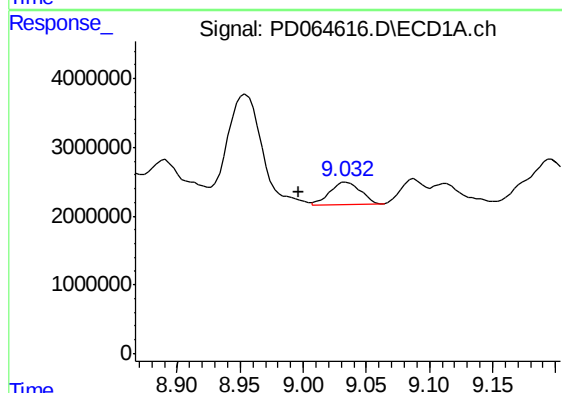
R.T.: 8.503 min  
Delta R.T.: 0.040 min  
Response: 5593403  
Conc: 599.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



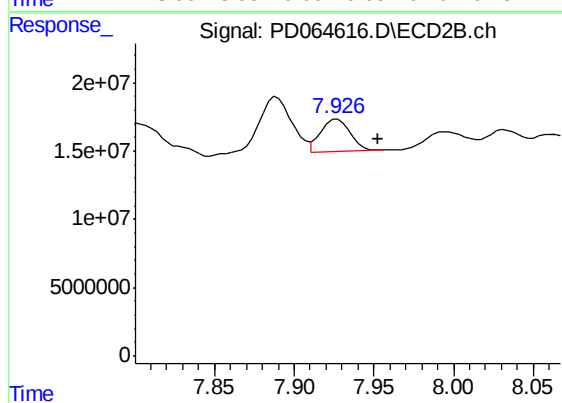
#22 Toxaphene-1

R.T.: 7.704 min  
Delta R.T.: 0.002 min  
Response: 181897766  
Conc: 4834.43 ng/ml



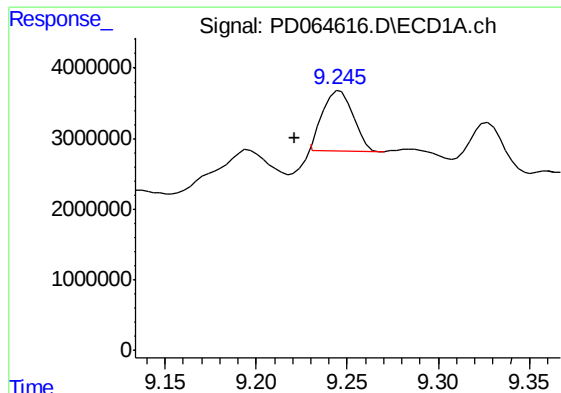
#23 Toxaphene-2

R.T.: 9.034 min  
Delta R.T.: 0.037 min  
Response: 5630623  
Conc: 322.99 ng/ml



#23 Toxaphene-2

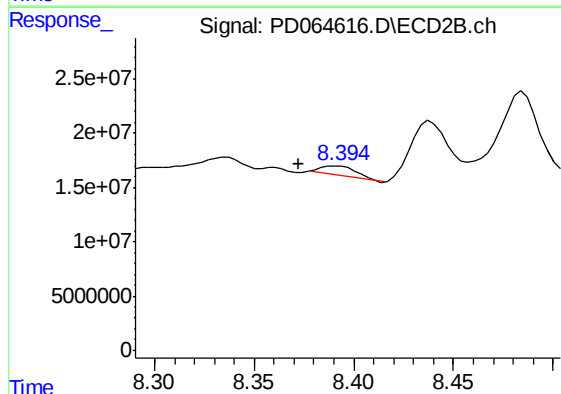
R.T.: 7.927 min  
Delta R.T.: -0.026 min  
Response: 31426684  
Conc: 372.14 ng/ml



#24 Toxaphene-3

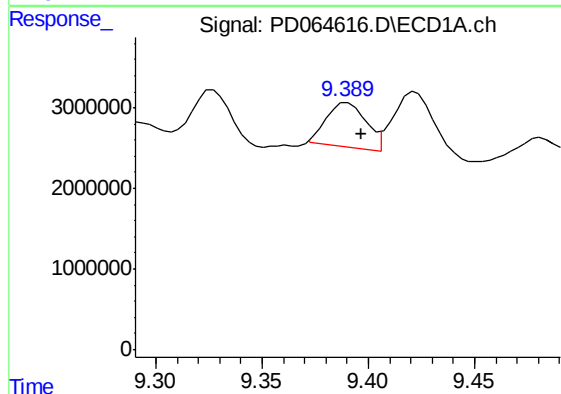
R.T.: 9.246 min  
Delta R.T.: 0.025 min  
Response: 9875552  
Conc: 814.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



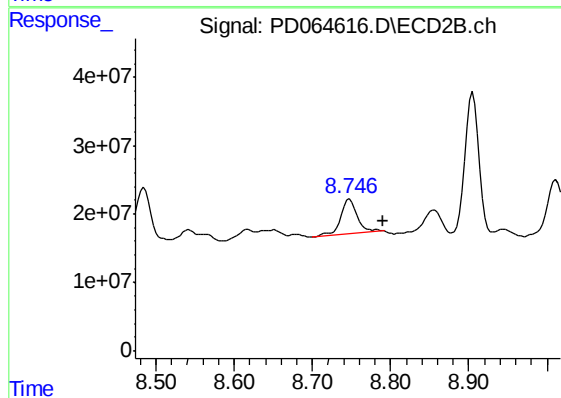
#24 Toxaphene-3

R.T.: 8.392 min  
Delta R.T.: 0.019 min  
Response: 10811040  
Conc: 94.36 ng/ml



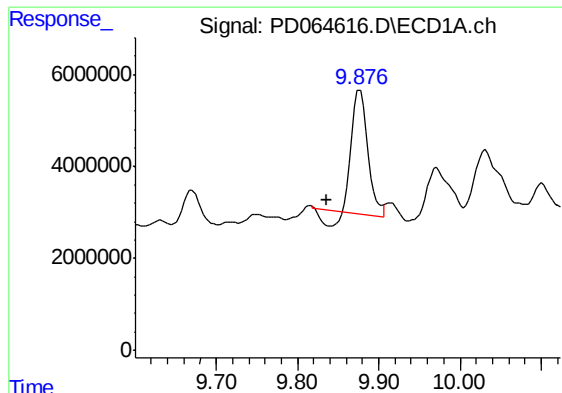
#25 Toxaphene-4

R.T.: 9.390 min  
Delta R.T.: -0.006 min  
Response: 7031359  
Conc: 292.69 ng/ml



#25 Toxaphene-4

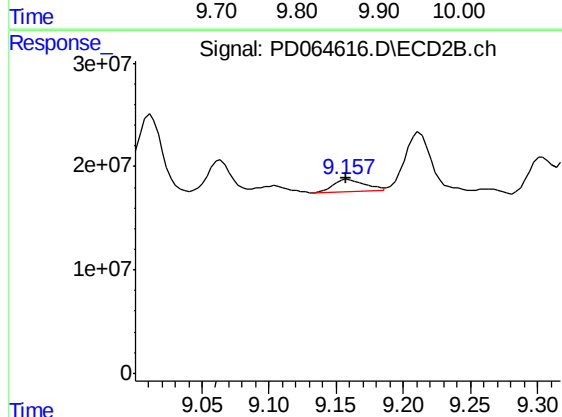
R.T.: 8.748 min  
Delta R.T.: -0.042 min  
Response: 76806337  
Conc: 1363.47 ng/ml



#26 Toxaphene-5

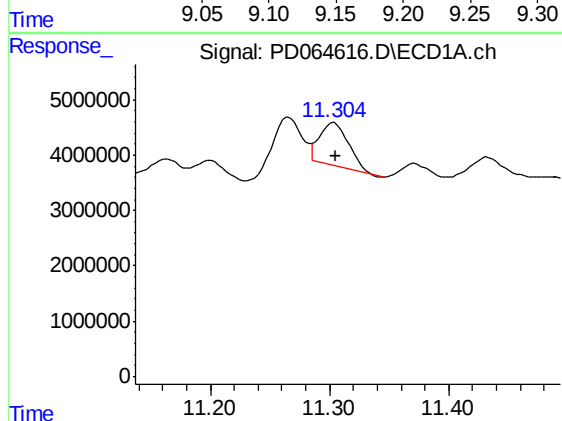
R.T.: 9.877 min  
Delta R.T.: 0.041 min  
Response: 32854770  
Conc: 1779.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0068



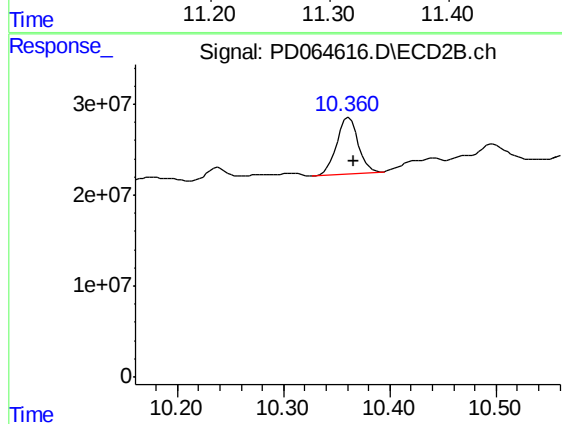
#26 Toxaphene-5

R.T.: 9.159 min  
Delta R.T.: 0.002 min  
Response: 19115646  
Conc: 152.06 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min  
Delta R.T.: -0.001 min  
Response: 13199275  
Conc: 10.03 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.361 min  
Delta R.T.: -0.004 min  
Response: 85498356  
Conc: 14.38 ng/ml