

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
 Data File : PD064538.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2021 07:31  
 Operator : AR\AJ  
 Sample : M3082-20  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0018

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 07:47:07 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  | 17524752 | 155.5E6   | 14.691   | 17.013     |
| 27)                         | SA Decachlor... | 11.308 | 10.364 | 22815868 | 129.3E6   | 17.332   | 21.746 #   |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 5.970  | 5.298  | 3228333  | 14689549  | 1.982    | 1.192 #    |
| 3)                          | MA gamma-BHC... | 6.392  | 5.735  | 1022498  | 22561299  | 0.652    | 1.978 #    |
| 4)                          | MA Heptachlor   | 0.000  | 6.124f | 0        | 5582063   | N.D.     | 0.492      |
| 5)                          | MB Aldrin       | 7.365f | 6.464  | 2094461  | 204.8E6   | 1.330    | 19.472 #   |
| 6)                          | B beta-BHC      | 6.604f | 6.124  | 962533   | 5582063   | 1.234    | 0.920 #    |
| 7)                          | B delta-BHC     | 6.863f | 6.387  | 1455549  | 4715619   | 0.836    | 0.434 #    |
| 8)                          | B Heptachlor... | 7.878  | 7.046  | 5713431  | 6295056   | 3.328    | 0.680 #    |
| 9)                          | A Endosulfan I  | 8.231f | 7.470  | 3291474  | 131.3E6   | 2.335    | 17.071 #   |
| 10)                         | B trans-Chl...  | 8.139  | 7.306  | 47952122 | 61602374  | 29.924   | 6.792 #    |
| 11)                         | B cis-Chlor...  | 8.231  | 7.392  | 3291474  | 73973706  | 2.112    | 8.316 #    |
| 12)                         | B 4,4'-DDE      | 8.436  | 7.608  | 2586554  | 12213309  | 1.795    | 1.619      |
| 13)                         | MA Dieldrin     | 8.572  | 7.741  | 7134531  | -11060893 | 4.784    | N.D. #     |
| 14)                         | MA Endrin       | 8.817  | 8.039  | 2236266  | 11724711  | 1.747    | 2.041      |
| 15)                         | B Endosulfa...  | 9.031  | 8.334  | 5162934  | 21498416  | 3.976    | 3.724      |
| 16)                         | A 4,4'-DDD      | 8.963  | 8.184  | 27836154 | 32628452  | 22.676   | 5.665 #    |
| 17)                         | MA 4,4'-DDT     | 9.279  | 8.441  | 1158086  | 122.6E6   | 0.887    | 22.270 #   |
| 19)                         | B Endosulfa...  | 9.422  | 8.753  | 8265252  | 92890690  | 5.997    | 17.233 #   |
| 20)                         | A Methoxychlor  | 9.764  | 9.067  | 3903828  | 33377959  | 5.456    | 13.035 #   |
| 21)                         | B Endrin ke...  | 9.879  | 9.212f | 35863010 | 32670997  | 23.705   | 5.447 #    |
| 23)                         | Toxaphene-2     | 8.963  | 7.968  | 27836154 | 2603247   | 1596.790 | 30.827 #   |
| 24)                         | Toxaphene-3     | 9.199  | 8.392  | 2199213  | 21001593  | 181.428  | 183.296    |
| 25)                         | Toxaphene-4     | 9.390  | 8.753  | 7586461  | 92890690  | 315.802  | 1648.996 # |
| 26)                         | Toxaphene-5     | 9.879  | 9.112  | 35863010 | 10556988  | 1942.437 | 83.977 #   |
| -----                       |                 |        |        |          |           |          |            |

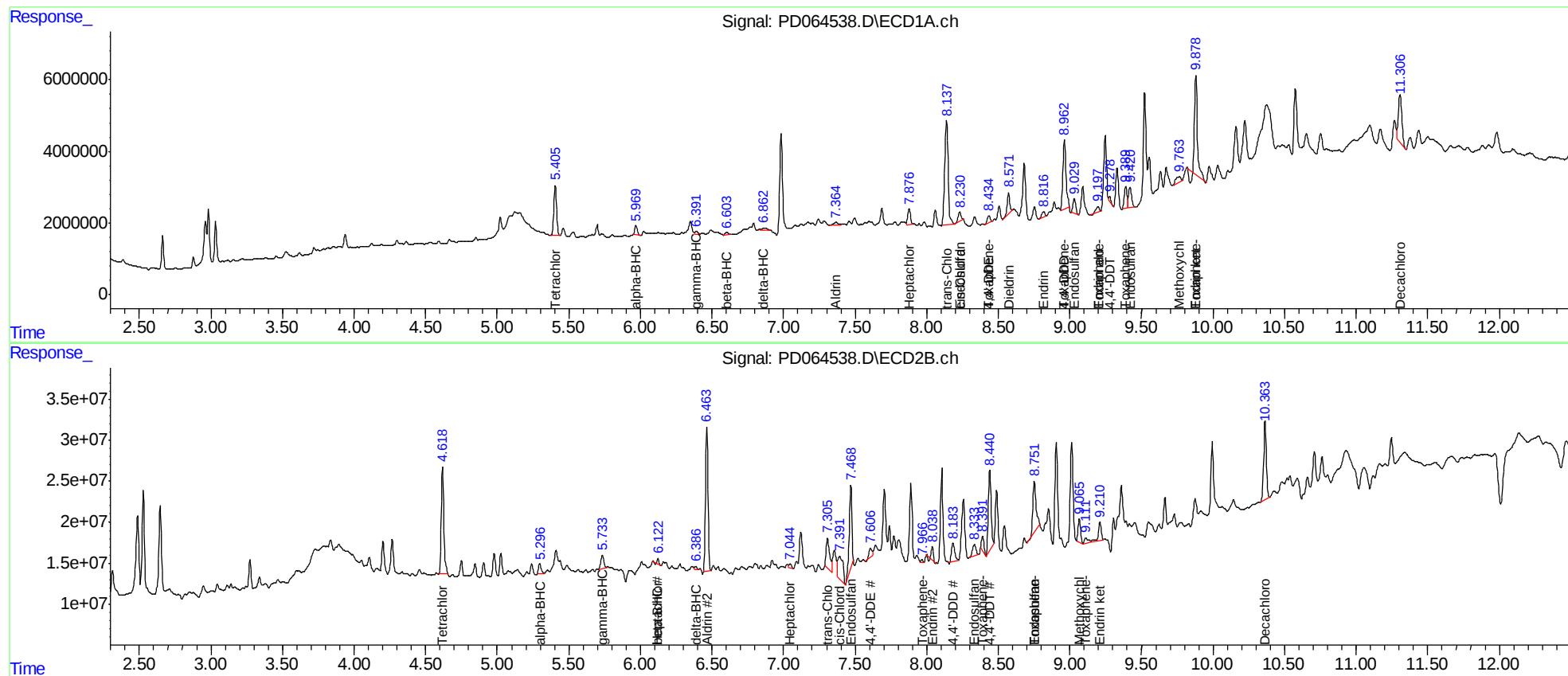
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

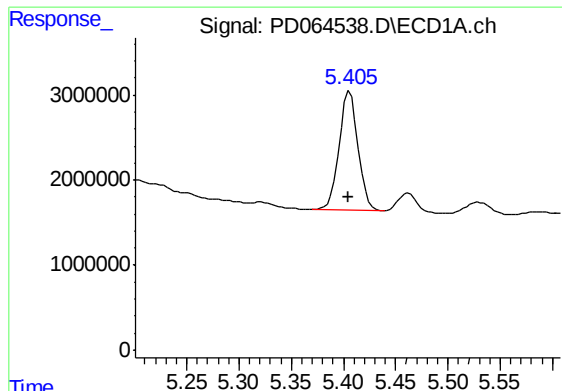
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064538.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 07:31  
Operator : AR\AJ  
Sample : M3082-20  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0018

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:47:07 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

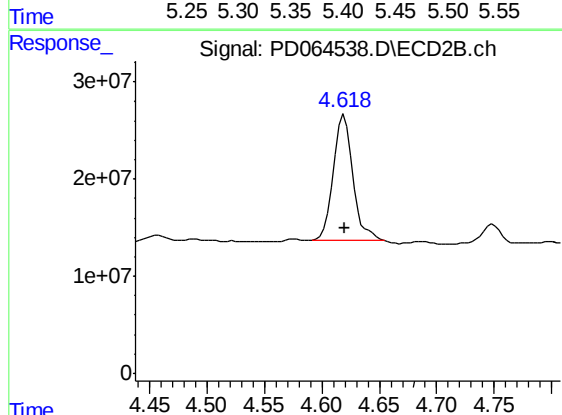




#1 Tetrachloro-m-xylene

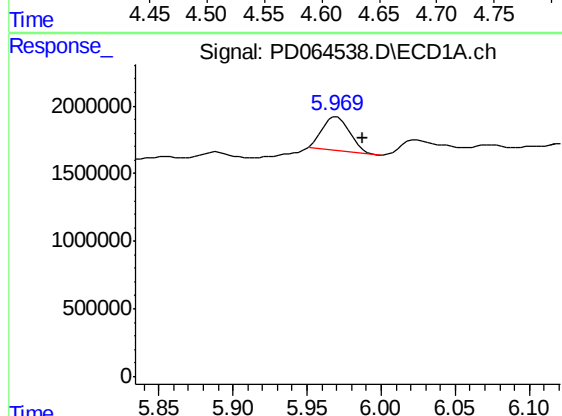
R.T.: 5.406 min  
Delta R.T.: 0.001 min  
Response: 17524752  
Conc: 14.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



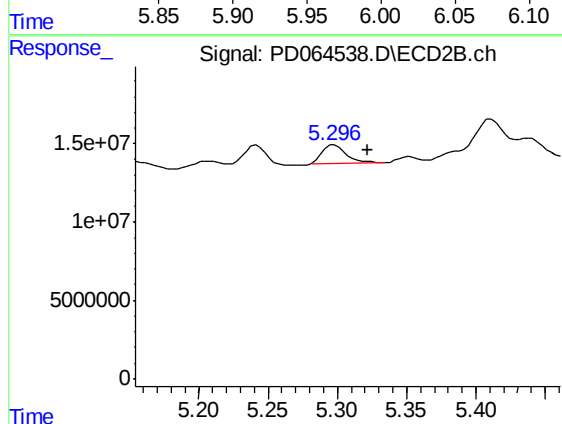
#1 Tetrachloro-m-xylene

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 155460531  
Conc: 17.01 ng/ml



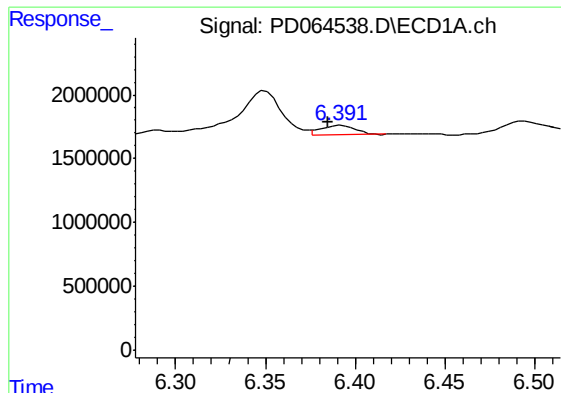
#2 alpha-BHC

R.T.: 5.970 min  
Delta R.T.: -0.018 min  
Response: 3228333  
Conc: 1.98 ng/ml



#2 alpha-BHC

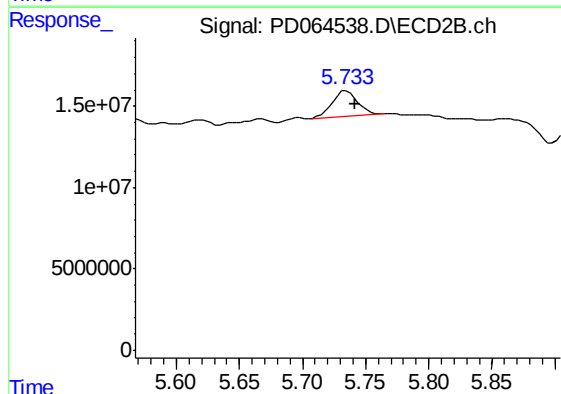
R.T.: 5.298 min  
Delta R.T.: -0.024 min  
Response: 14689549  
Conc: 1.19 ng/ml



#3 gamma-BHC (Lindane)

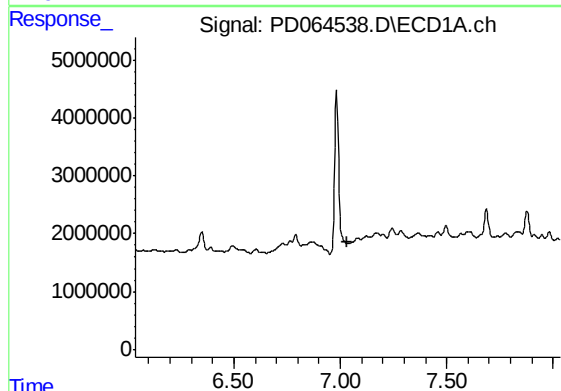
R.T.: 6.392 min  
Delta R.T.: 0.007 min  
Response: 1022498  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



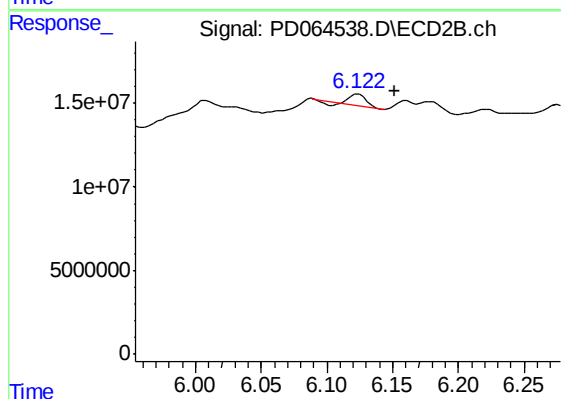
#3 gamma-BHC (Lindane)

R.T.: 5.735 min  
Delta R.T.: -0.007 min  
Response: 22561299  
Conc: 1.98 ng/ml



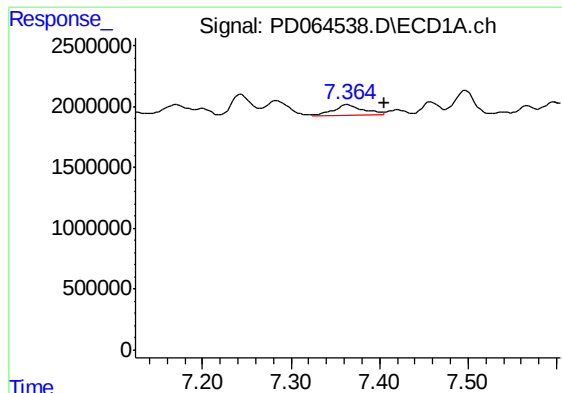
#4 Heptachlor

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



#4 Heptachlor

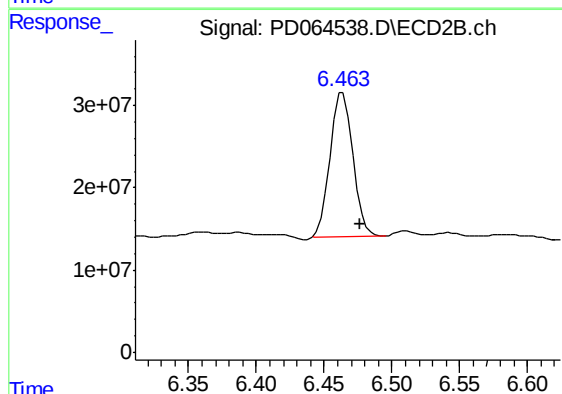
R.T.: 6.124 min  
Delta R.T.: -0.028 min  
Response: 5582063  
Conc: 0.49 ng/ml



#5 Aldrin

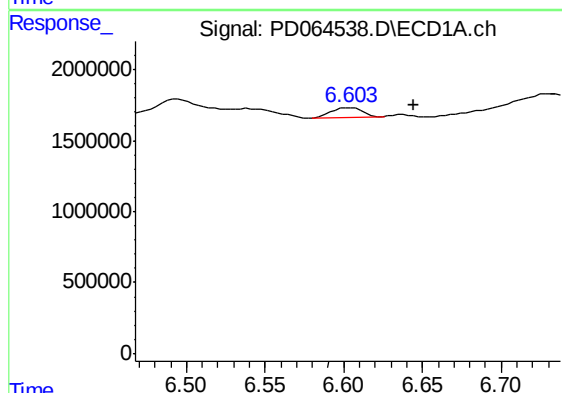
R.T.: 7.365 min  
Delta R.T.: -0.041 min  
Response: 2094461  
Conc: 1.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



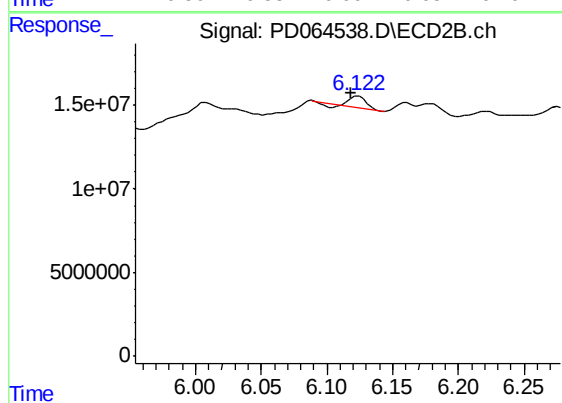
#5 Aldrin

R.T.: 6.464 min  
Delta R.T.: -0.012 min  
Response: 204826680  
Conc: 19.47 ng/ml



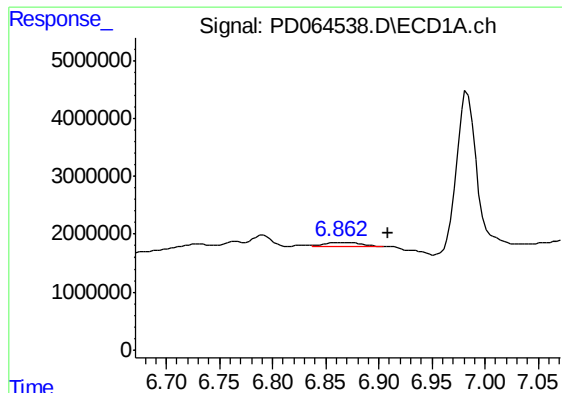
#6 beta-BHC

R.T.: 6.604 min  
Delta R.T.: -0.040 min  
Response: 962533  
Conc: 1.23 ng/ml



#6 beta-BHC

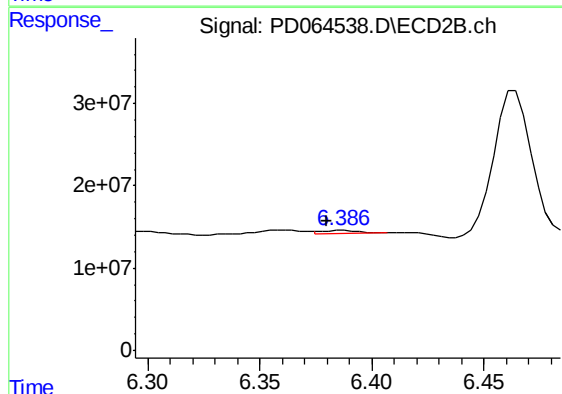
R.T.: 6.124 min  
Delta R.T.: 0.006 min  
Response: 5582063  
Conc: 0.92 ng/ml



#7 delta-BHC

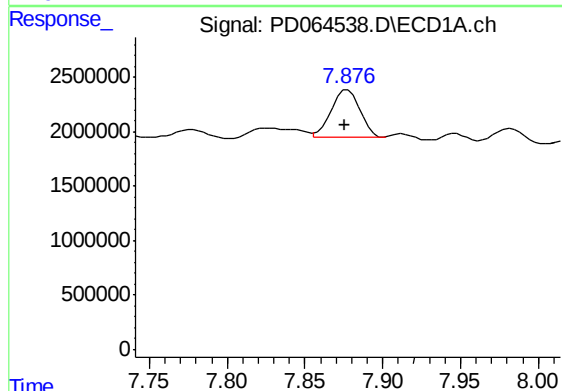
R.T.: 6.863 min  
Delta R.T.: -0.046 min  
Response: 1455549  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



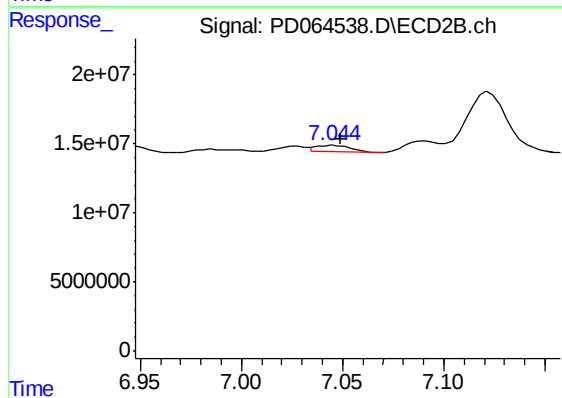
#7 delta-BHC

R.T.: 6.387 min  
Delta R.T.: 0.008 min  
Response: 4715619  
Conc: 0.43 ng/ml



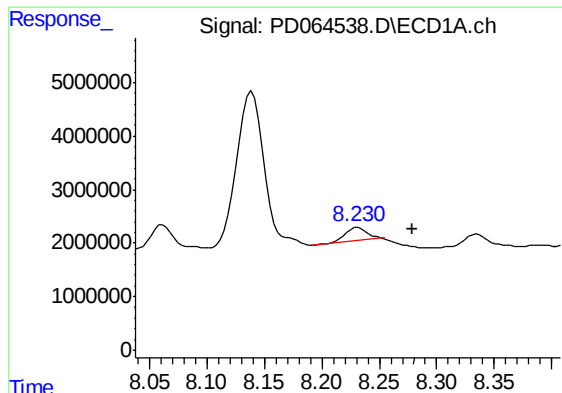
#8 Heptachlor epoxide

R.T.: 7.878 min  
Delta R.T.: 0.002 min  
Response: 5713431  
Conc: 3.33 ng/ml



#8 Heptachlor epoxide

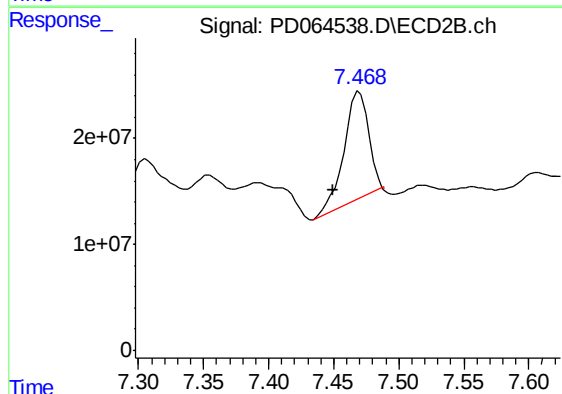
R.T.: 7.046 min  
Delta R.T.: -0.003 min  
Response: 6295056  
Conc: 0.68 ng/ml



#9 Endosulfan I

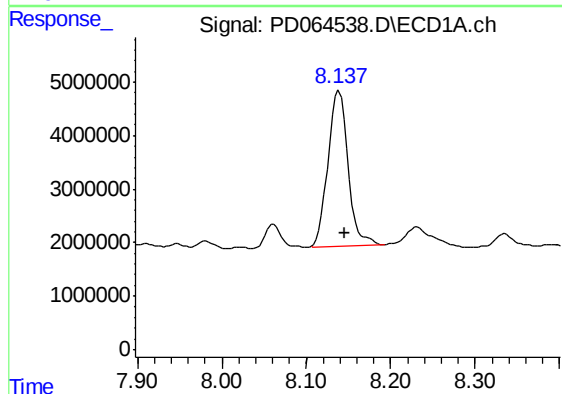
R.T.: 8.231 min  
Delta R.T.: -0.048 min  
Response: 3291474  
Conc: 2.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



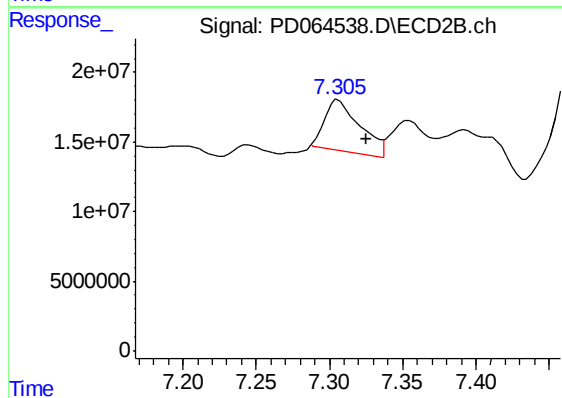
#9 Endosulfan I

R.T.: 7.470 min  
Delta R.T.: 0.020 min  
Response: 131267164  
Conc: 17.07 ng/ml



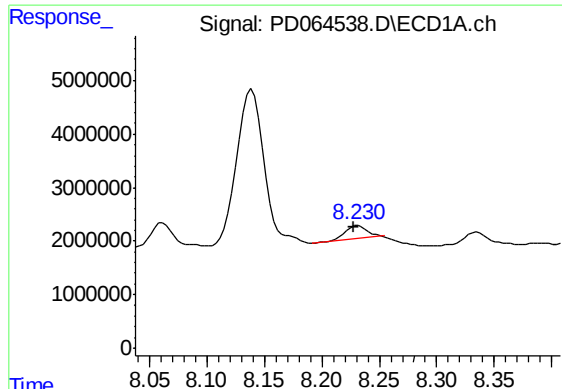
#10 trans-Chlordane

R.T.: 8.139 min  
Delta R.T.: -0.007 min  
Response: 47952122  
Conc: 29.92 ng/ml



#10 trans-Chlordane

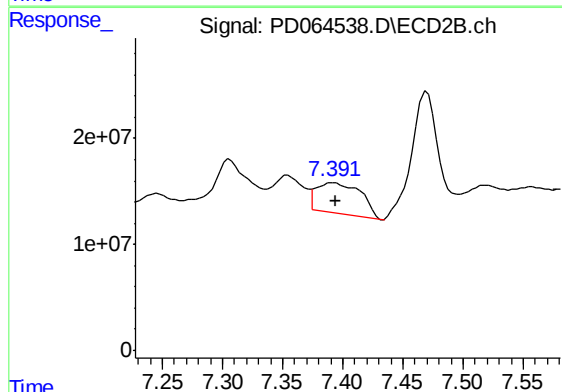
R.T.: 7.306 min  
Delta R.T.: -0.019 min  
Response: 61602374  
Conc: 6.79 ng/ml



#11 cis-Chlordane

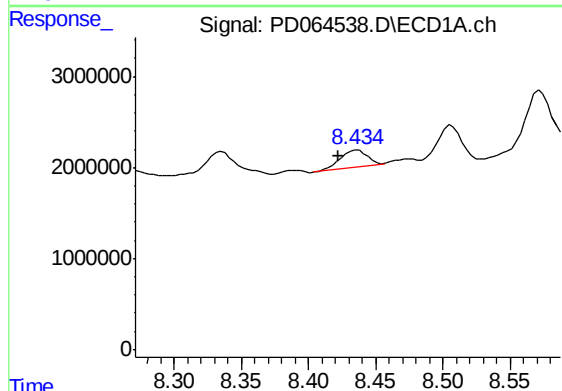
R.T.: 8.231 min  
Delta R.T.: 0.004 min  
Response: 3291474  
Conc: 2.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



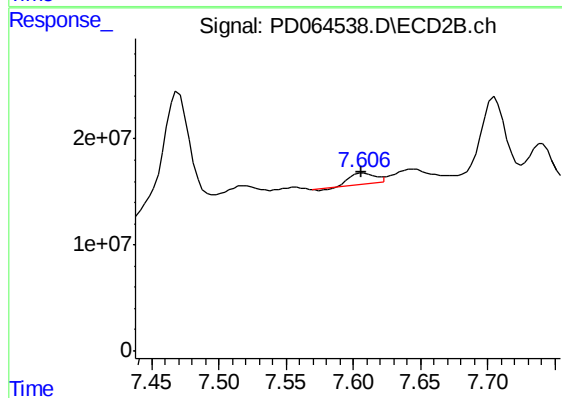
#11 cis-Chlordane

R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 73973706  
Conc: 8.32 ng/ml



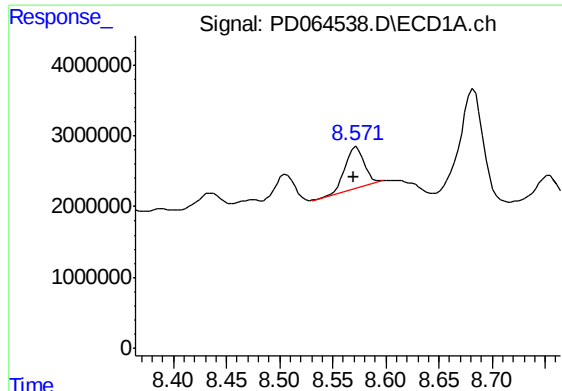
#12 4,4'-DDE

R.T.: 8.436 min  
Delta R.T.: 0.014 min  
Response: 2586554  
Conc: 1.79 ng/ml



#12 4,4'-DDE

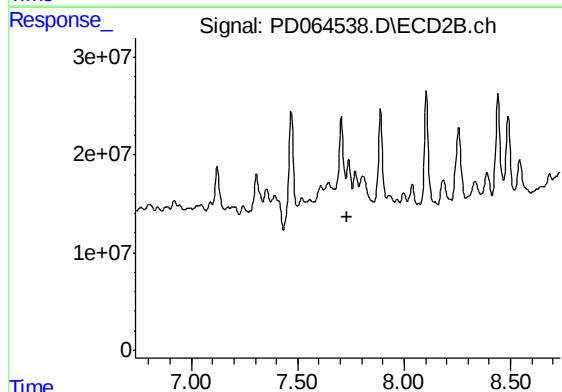
R.T.: 7.608 min  
Delta R.T.: 0.002 min  
Response: 12213309  
Conc: 1.62 ng/ml



#13 Dielddrin

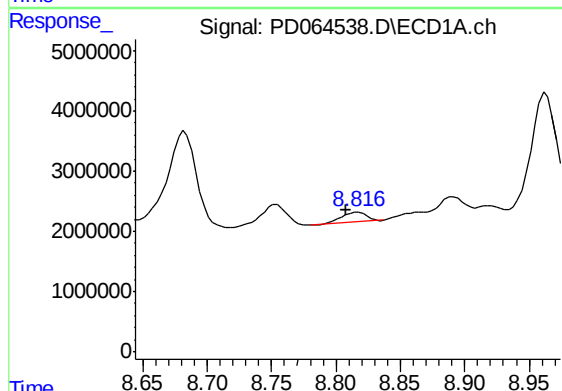
R.T.: 8.572 min  
Delta R.T.: 0.002 min  
Response: 7134531  
Conc: 4.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



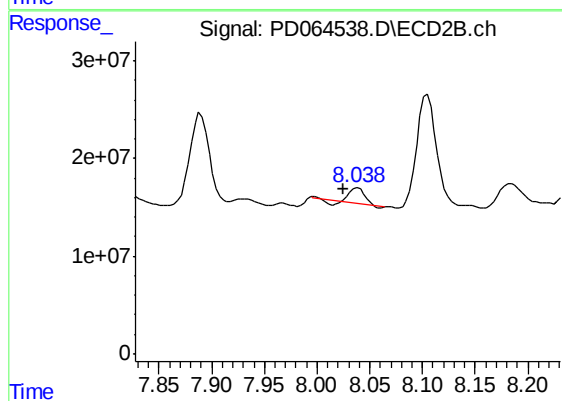
#13 Dielddrin

R.T.: 7.741 min  
Delta R.T.: 0.005 min  
Response: -11060893  
Conc: N.D.



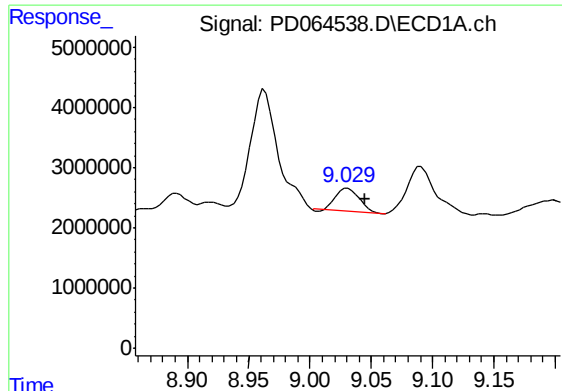
#14 Endrin

R.T.: 8.817 min  
Delta R.T.: 0.010 min  
Response: 2236266  
Conc: 1.75 ng/ml



#14 Endrin

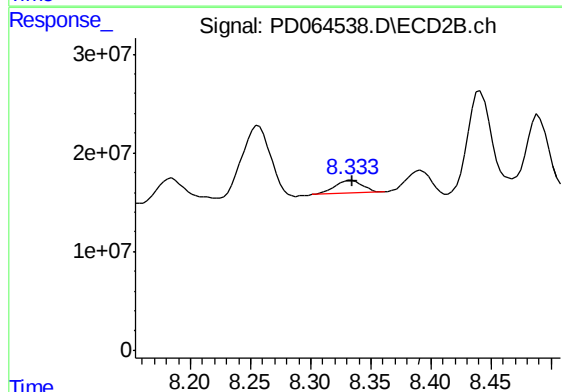
R.T.: 8.039 min  
Delta R.T.: 0.014 min  
Response: 11724711  
Conc: 2.04 ng/ml



#15 Endosulfan II

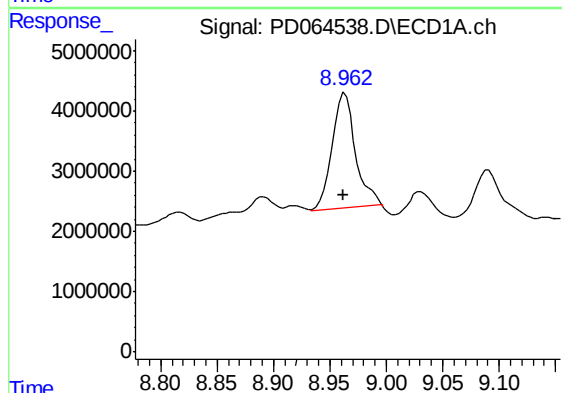
R.T.: 9.031 min  
Delta R.T.: -0.014 min  
Response: 5162934  
Conc: 3.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



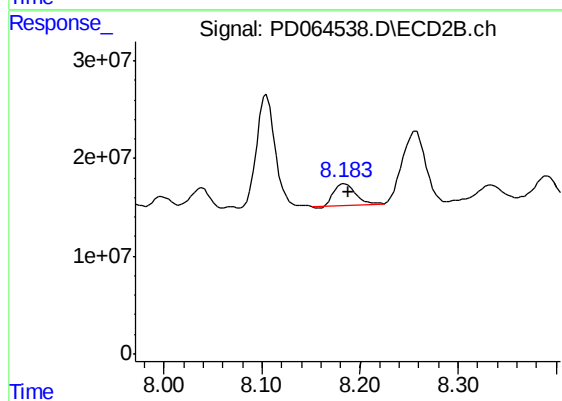
#15 Endosulfan II

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 21498416  
Conc: 3.72 ng/ml



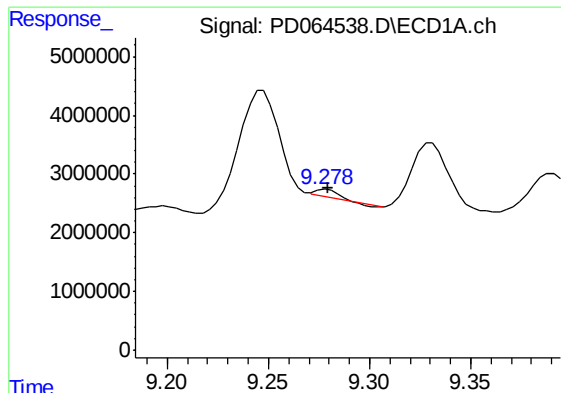
#16 4,4'-DDD

R.T.: 8.963 min  
Delta R.T.: 0.001 min  
Response: 27836154  
Conc: 22.68 ng/ml



#16 4,4'-DDD

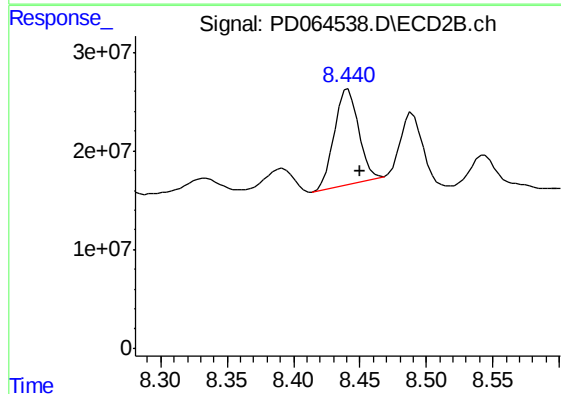
R.T.: 8.184 min  
Delta R.T.: -0.004 min  
Response: 32628452  
Conc: 5.67 ng/ml



#17 4,4'-DDT

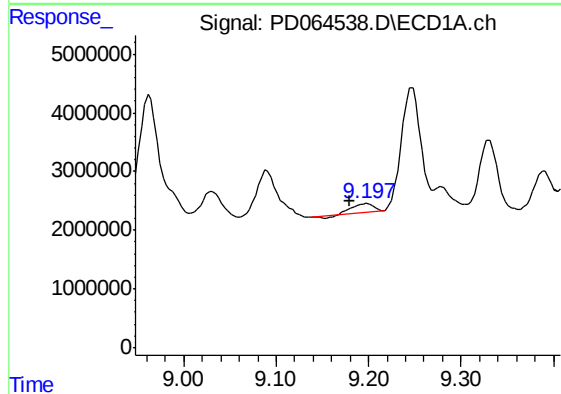
R.T.: 9.279 min  
Delta R.T.: -0.001 min  
Response: 1158086  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



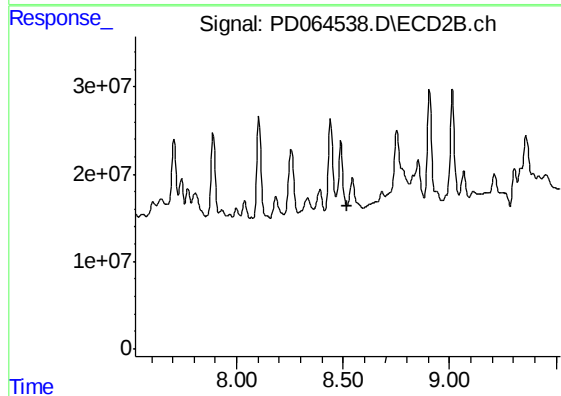
#17 4,4'-DDT

R.T.: 8.441 min  
Delta R.T.: -0.009 min  
Response: 122588790  
Conc: 22.27 ng/ml



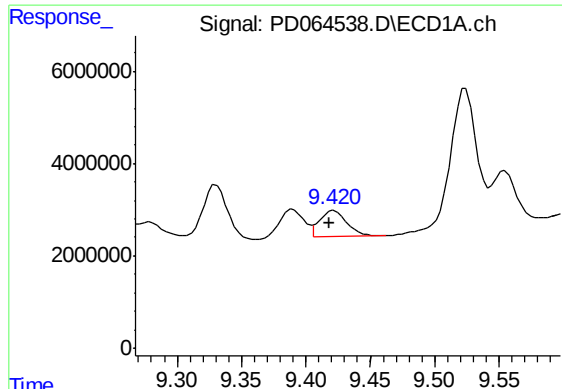
#18 Endrin aldehyde

R.T.: 9.199 min  
Delta R.T.: 0.019 min  
Response: 2199213  
Conc: 1.94 ng/ml



#18 Endrin aldehyde

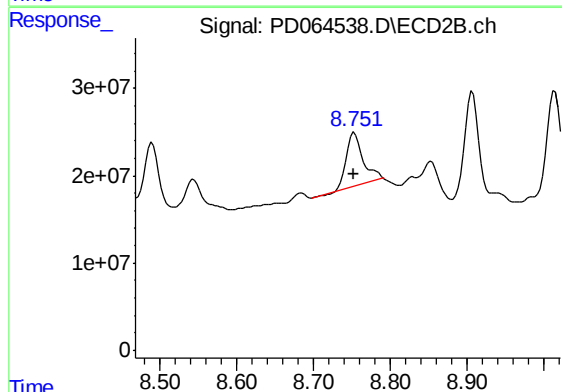
R.T.: 8.544 min  
Delta R.T.: 0.021 min  
Response: -23747471  
Conc: N.D.



#19 Endosulfan Sulfate

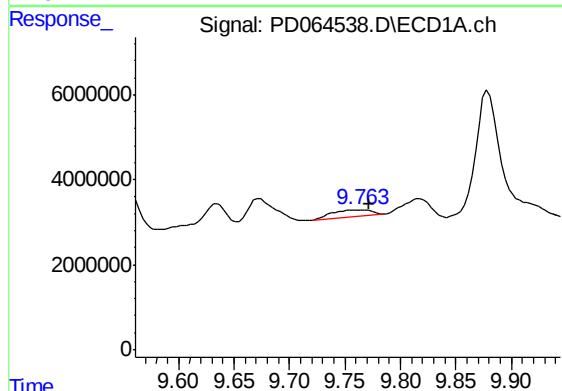
R.T.: 9.422 min  
Delta R.T.: 0.003 min  
Response: 8265252  
Conc: 6.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



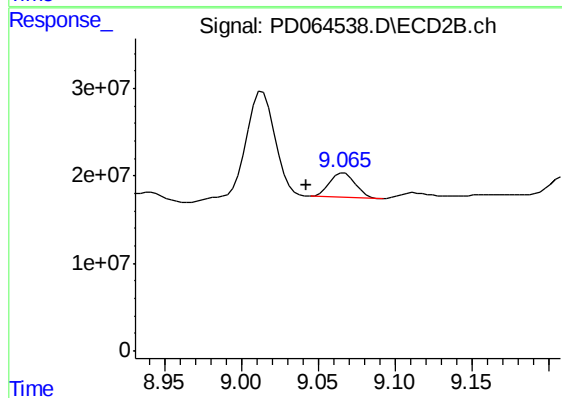
#19 Endosulfan Sulfate

R.T.: 8.753 min  
Delta R.T.: 0.000 min  
Response: 92890690  
Conc: 17.23 ng/ml



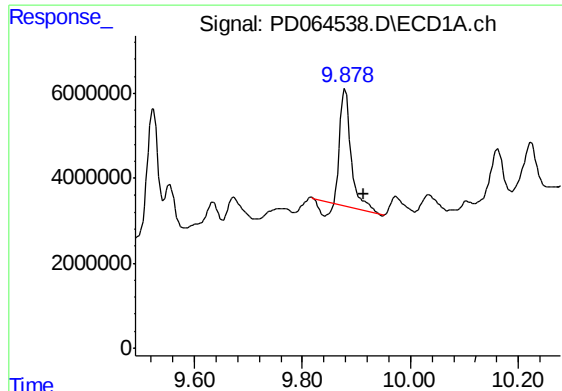
#20 Methoxychlor

R.T.: 9.764 min  
Delta R.T.: -0.007 min  
Response: 3903828  
Conc: 5.46 ng/ml



#20 Methoxychlor

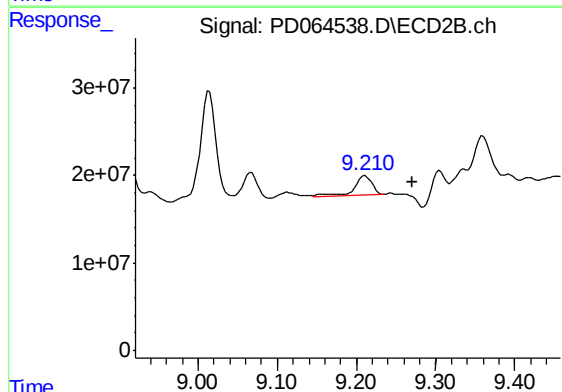
R.T.: 9.067 min  
Delta R.T.: 0.025 min  
Response: 33377959  
Conc: 13.04 ng/ml



#21 Endrin ketone

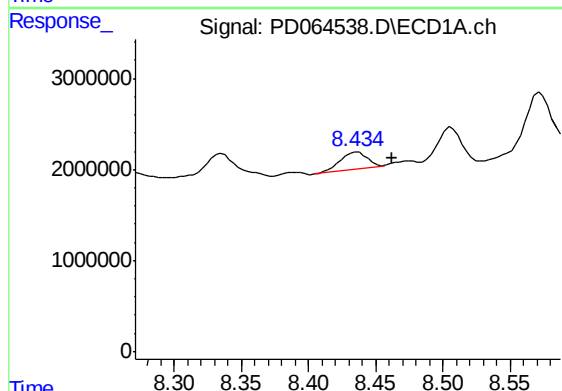
R.T.: 9.879 min  
Delta R.T.: -0.035 min  
Response: 35863010  
Conc: 23.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



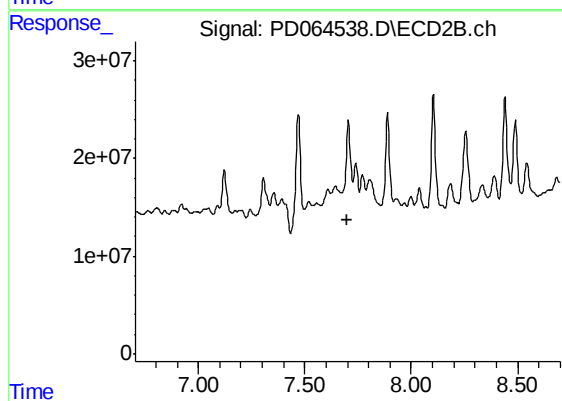
#21 Endrin ketone

R.T.: 9.212 min  
Delta R.T.: -0.059 min  
Response: 32670997  
Conc: 5.45 ng/ml



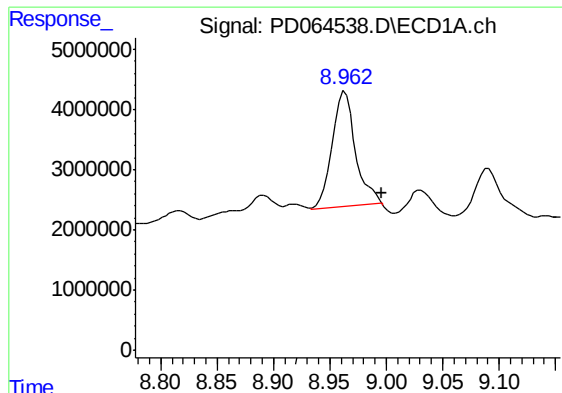
#22 Toxaphene-1

R.T.: 8.436 min  
Delta R.T.: -0.027 min  
Response: 2586554  
Conc: 277.19 ng/ml



#22 Toxaphene-1

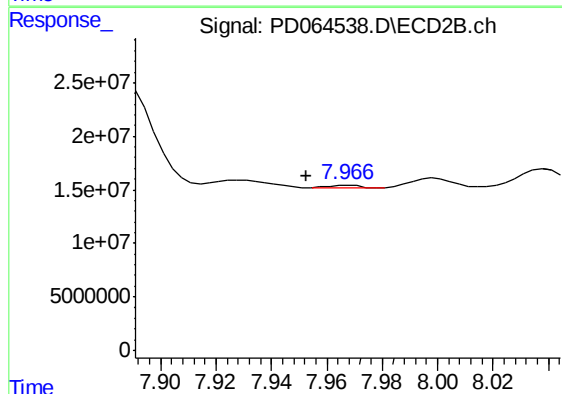
R.T.: 7.741 min  
Delta R.T.: 0.039 min  
Response: -11060893  
Conc: N.D.



#23 Toxaphene-2

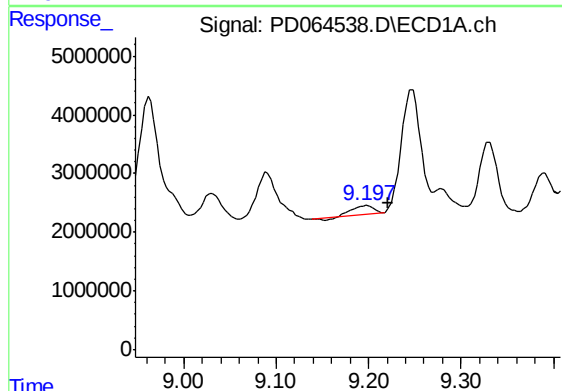
R.T.: 8.963 min  
Delta R.T.: -0.033 min  
Response: 27836154  
Conc: 1596.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



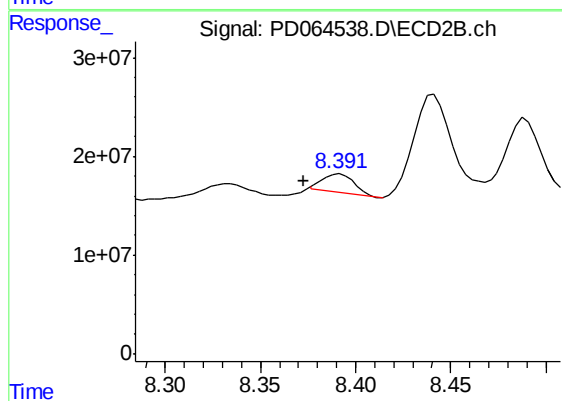
#23 Toxaphene-2

R.T.: 7.968 min  
Delta R.T.: 0.015 min  
Response: 2603247  
Conc: 30.83 ng/ml



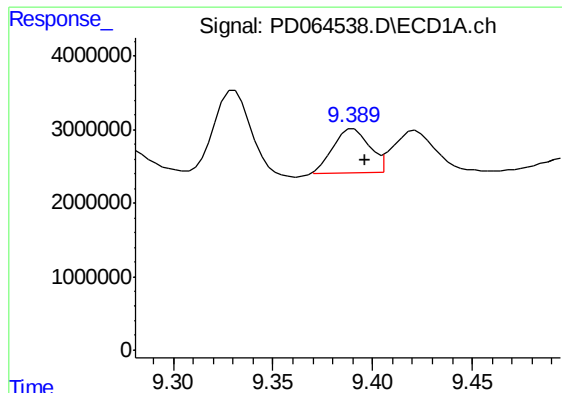
#24 Toxaphene-3

R.T.: 9.199 min  
Delta R.T.: -0.023 min  
Response: 2199213  
Conc: 181.43 ng/ml



#24 Toxaphene-3

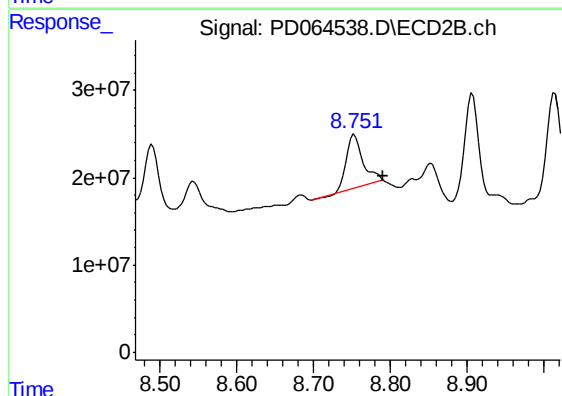
R.T.: 8.392 min  
Delta R.T.: 0.019 min  
Response: 21001593  
Conc: 183.30 ng/ml



#25 Toxaphene-4

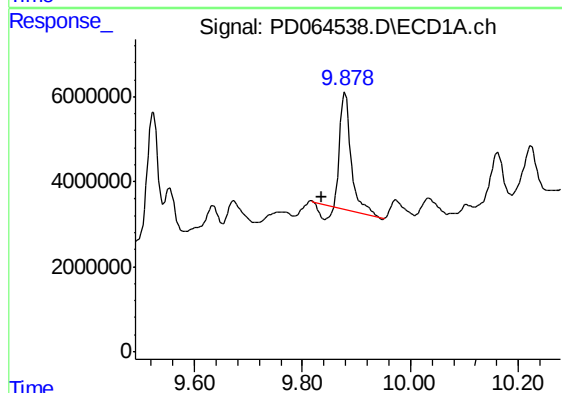
R.T.: 9.390 min  
Delta R.T.: -0.006 min  
Response: 7586461  
Conc: 315.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



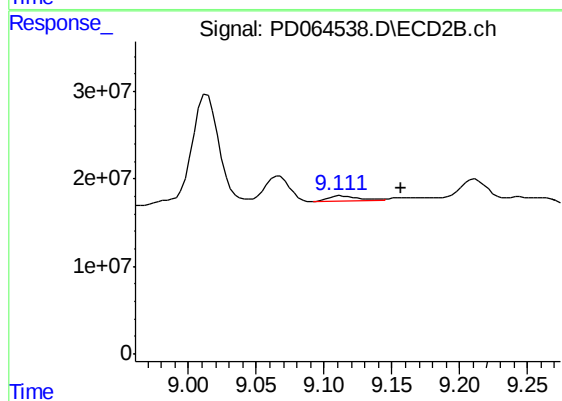
#25 Toxaphene-4

R.T.: 8.753 min  
Delta R.T.: -0.037 min  
Response: 92890690  
Conc: 1649.00 ng/ml



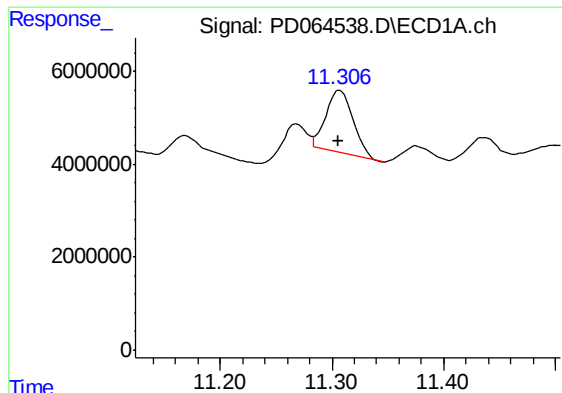
#26 Toxaphene-5

R.T.: 9.879 min  
Delta R.T.: 0.043 min  
Response: 35863010  
Conc: 1942.44 ng/ml



#26 Toxaphene-5

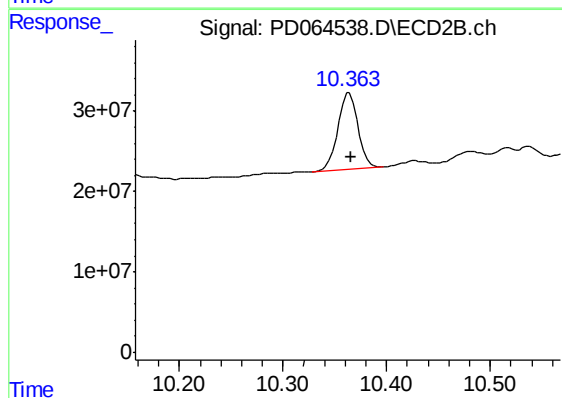
R.T.: 9.112 min  
Delta R.T.: -0.045 min  
Response: 10556988  
Conc: 83.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.308 min  
Delta R.T.: 0.003 min  
Response: 22815868  
Conc: 17.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0018



#27 Decachlorobiphenyl

R.T.: 10.364 min  
Delta R.T.: -0.001 min  
Response: 129320060  
Conc: 21.75 ng/ml