

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
 Data File : PD064629.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2021 09:17  
 Operator : AR\AJ  
 Sample : M3123-20  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0081

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 01:18:48 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... | 5.405  | 4.618  | 21763460 | 217.1E6   | 18.244   | 23.763 #   |
| 27)                         | SA Decachlor... | 11.315 | 10.361 | 109.5E6  | 155.7E6   | 83.207   | 26.178 #   |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 6.024f | 5.298  | 1627854  | 13824082  | 0.999    | 1.122      |
| 3)                          | MA gamma-BHC... | 6.398  | 5.734  | 2692758  | 147.7E6   | 1.717    | 12.953 #   |
| 4)                          | MA Heptachlor   | 0.000  | 6.175  | 0        | 1548311   | N.D.     | 0.137      |
| 5)                          | MB Aldrin       | 7.393  | 6.465  | 395168   | 32487545  | 0.251    | 3.088 #    |
| 6)                          | B beta-BHC      | 6.639  | 6.123  | 2524268  | 71609434  | 3.236    | 11.803 #   |
| 7)                          | B delta-BHC     | 6.908  | 6.358  | 6185034  | 63885658  | 3.554    | 5.881 #    |
| 8)                          | B Heptachlo...  | 7.876  | 7.053  | 11141640 | 1757534   | 6.490    | 0.190 #    |
| 9)                          | A Endosulfan I  | 8.258  | 7.467  | 3255146  | 157.4E6   | 2.309    | 20.472 #   |
| 10)                         | B trans-Chl...  | 8.132  | 7.303  | 220.3E6  | 64365247  | 137.479  | 7.096 #    |
| 11)                         | B cis-Chlor...  | 8.206  | 7.395  | 21645826 | 69575380  | 13.892   | 7.821 #    |
| 12)                         | B 4,4'-DDE      | 8.436  | 7.605  | 13848104 | 46309616  | 9.608    | 6.138 #    |
| 13)                         | MA Dieldrin     | 8.571  | 7.740  | 18857933 | 74146232  | 12.645   | 9.232 #    |
| 14)                         | MA Endrin       | 8.818  | 8.036  | 10293491 | 38362090  | 8.039    | 6.678      |
| 15)                         | B Endosulfa...  | 9.030  | 8.336  | 21890502 | 77629819  | 16.857   | 13.448     |
| 16)                         | A 4,4'-DDD      | 8.960  | 8.175  | 127.7E6  | 122.7E6   | 104.066  | 21.311 #   |
| 17)                         | MA 4,4'-DDT     | 9.282  | 8.439  | 5105303  | 317.9E6   | 3.911    | 57.750 #   |
| 19)                         | B Endosulfa...  | 9.388  | 8.751  | 29510451 | 277.5E6   | 21.413   | 51.478 #   |
| 20)                         | A Methoxychlor  | 0.000  | 9.065  | 0        | 97595062  | N.D.     | 38.114     |
| 21)                         | B Endrin ke...  | 9.876f | 9.267  | 180.8E6  | 2952851   | 119.533  | 0.492 #    |
| 22)                         | Toxaphene-1     | 8.436  | 7.703  | 13848104 | 196.2E6   | 1484.064 | 5215.508 # |
| 23)                         | Toxaphene-2     | 9.030  | 7.927  | 21890502 | 48645820  | 1255.725 | 576.044 #  |
| 24)                         | Toxaphene-3     | 9.245  | 8.390  | 56522706 | 46051224  | 4662.939 | 401.923 #  |
| 25)                         | Toxaphene-4     | 9.388  | 8.815  | 29510451 | -11560239 | 1228.434 | N.D. #     |
| 26)                         | Toxaphene-5     | 9.876  | 9.159  | 180.8E6  | 36757347  | 9794.801 | 292.390 #  |
| -----                       |                 |        |        |          |           |          |            |

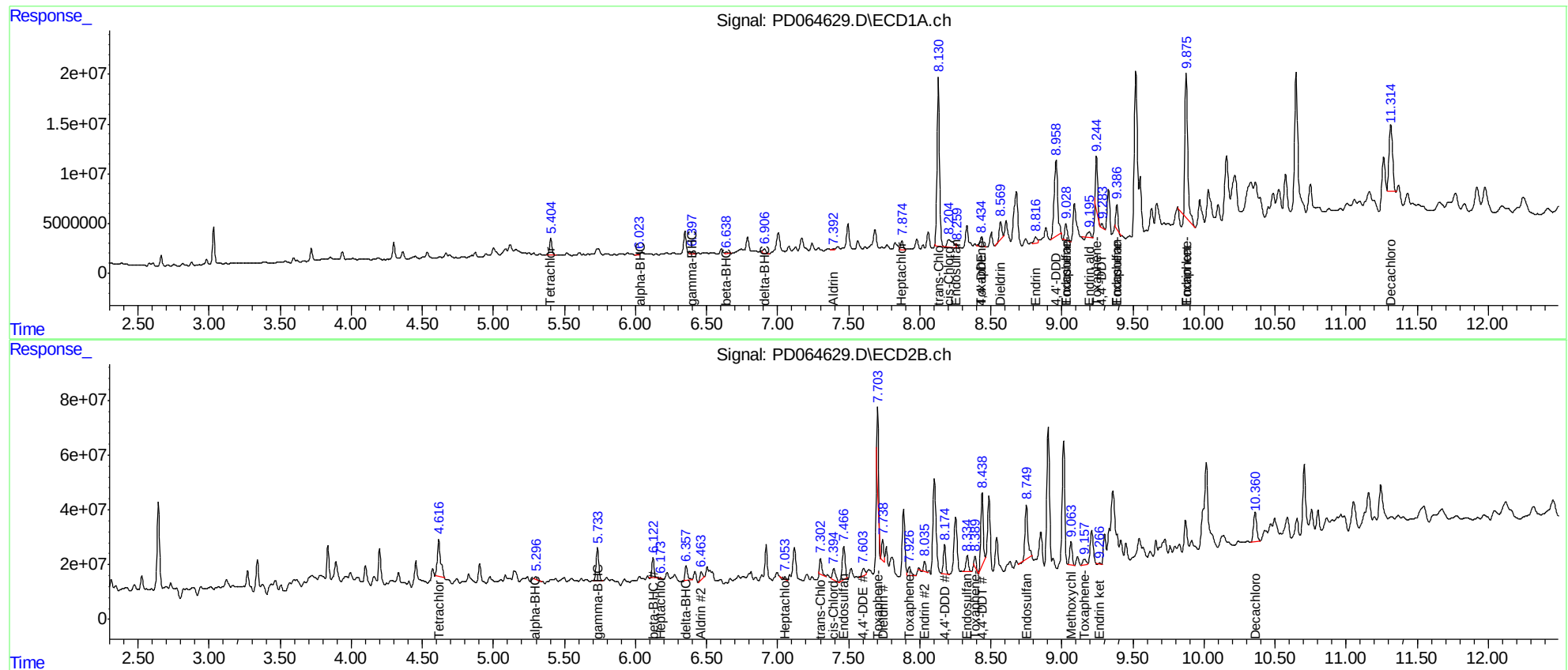
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

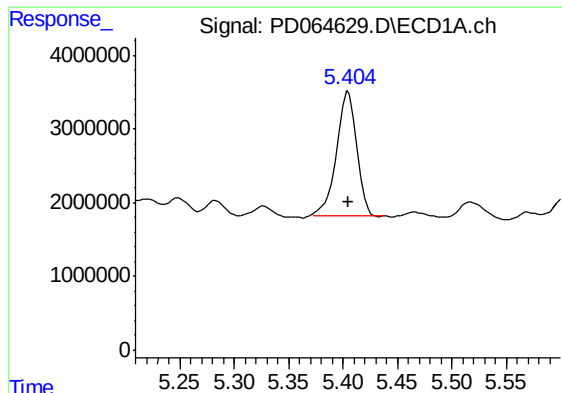
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
Data File : PD064629.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2021 09:17  
Operator : AR\AJ  
Sample : M3123-20  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0081

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 01:18:48 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

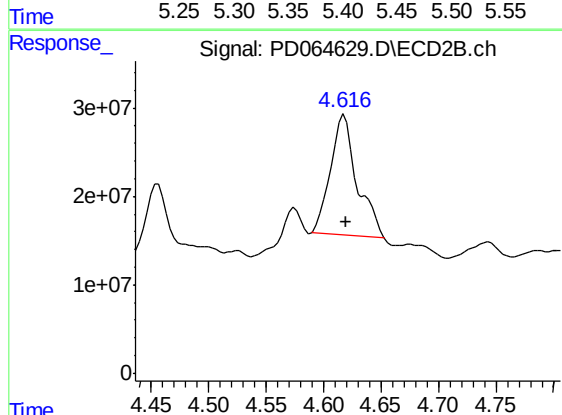




#1 Tetrachloro-m-xylene

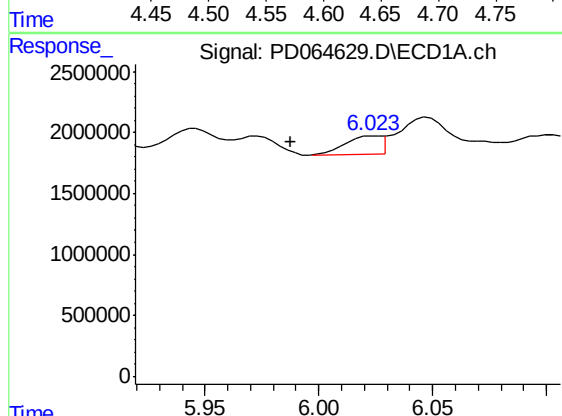
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 21763460  
Conc: 18.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



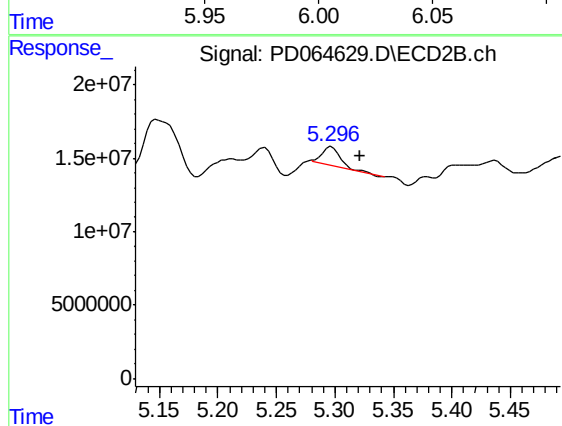
#1 Tetrachloro-m-xylene

R.T.: 4.618 min  
Delta R.T.: -0.002 min  
Response: 217136660  
Conc: 23.76 ng/ml



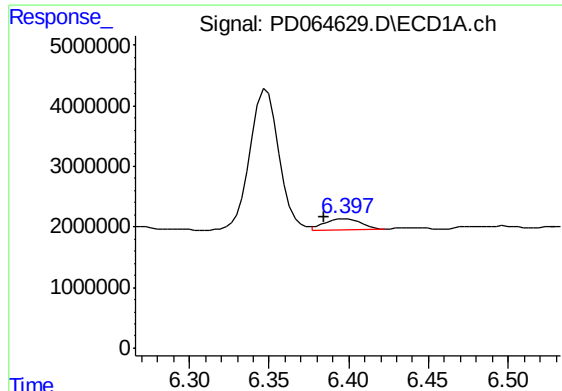
#2 alpha-BHC

R.T.: 6.024 min  
Delta R.T.: 0.036 min  
Response: 1627854  
Conc: 1.00 ng/ml



#2 alpha-BHC

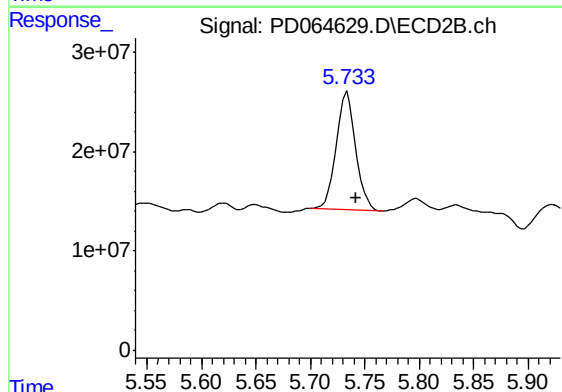
R.T.: 5.298 min  
Delta R.T.: -0.024 min  
Response: 13824082  
Conc: 1.12 ng/ml



#3 gamma-BHC (Lindane)

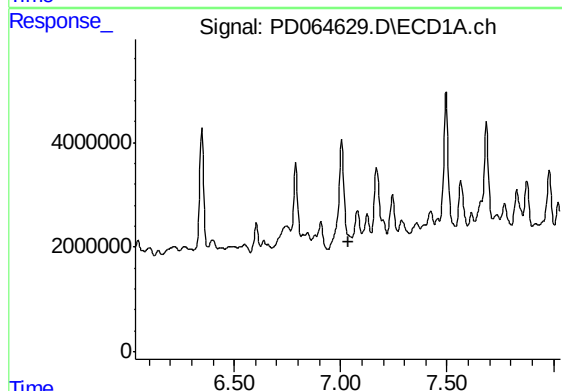
R.T.: 6.398 min  
Delta R.T.: 0.014 min  
Response: 2692758  
Conc: 1.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



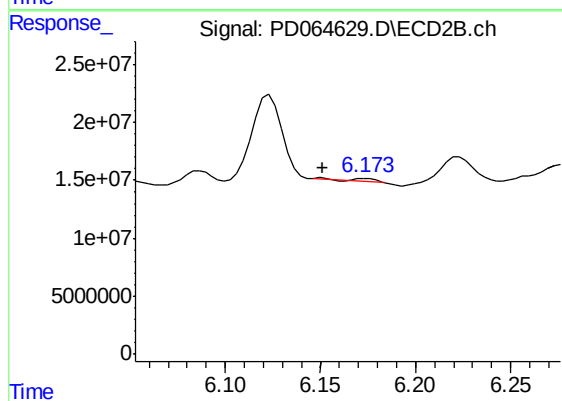
#3 gamma-BHC (Lindane)

R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 147711362  
Conc: 12.95 ng/ml



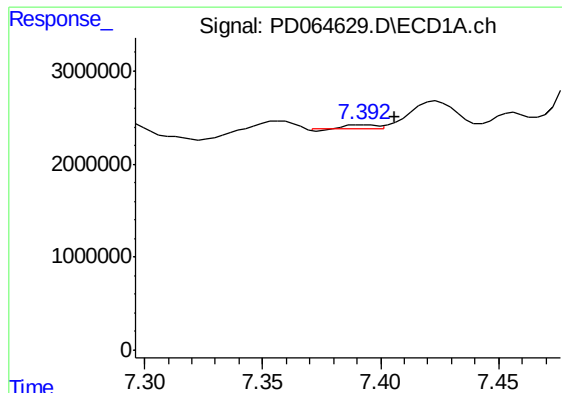
#4 Heptachlor

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



#4 Heptachlor

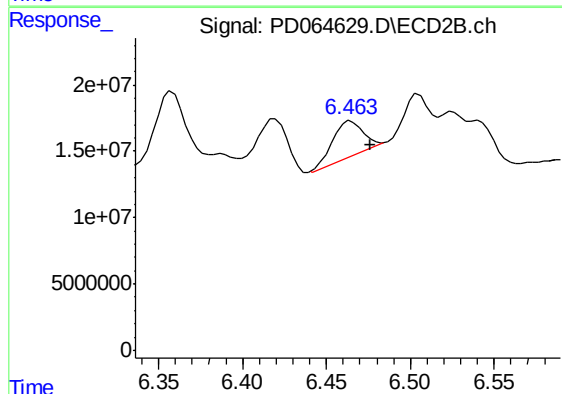
R.T.: 6.175 min  
Delta R.T.: 0.024 min  
Response: 1548311  
Conc: 0.14 ng/ml



#5 Aldrin

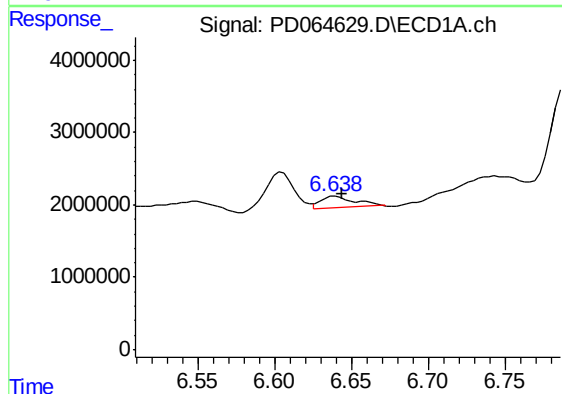
R.T.: 7.393 min  
Delta R.T.: -0.013 min  
Response: 395168  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



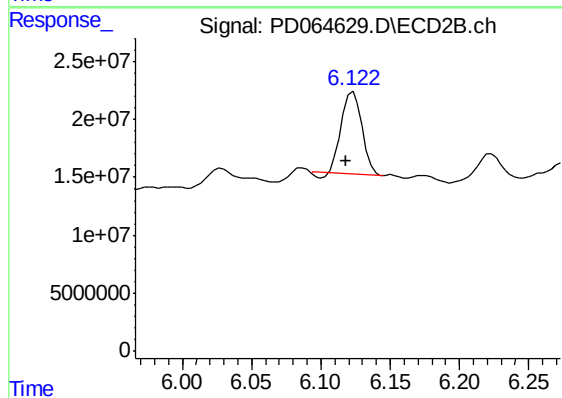
#5 Aldrin

R.T.: 6.465 min  
Delta R.T.: -0.012 min  
Response: 32487545  
Conc: 3.09 ng/ml



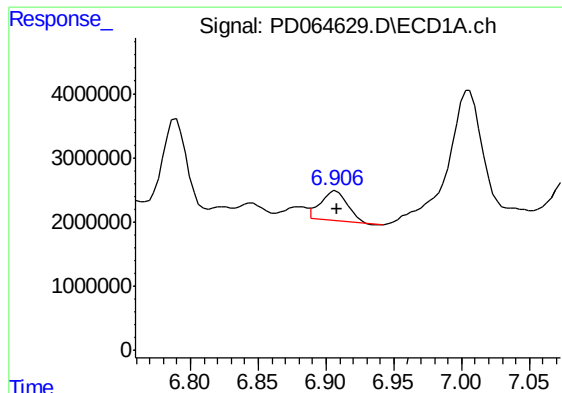
#6 beta-BHC

R.T.: 6.639 min  
Delta R.T.: -0.005 min  
Response: 2524268  
Conc: 3.24 ng/ml



#6 beta-BHC

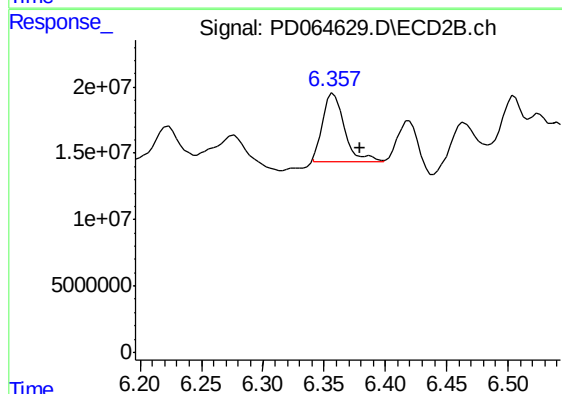
R.T.: 6.123 min  
Delta R.T.: 0.005 min  
Response: 71609434  
Conc: 11.80 ng/ml



#7 delta-BHC

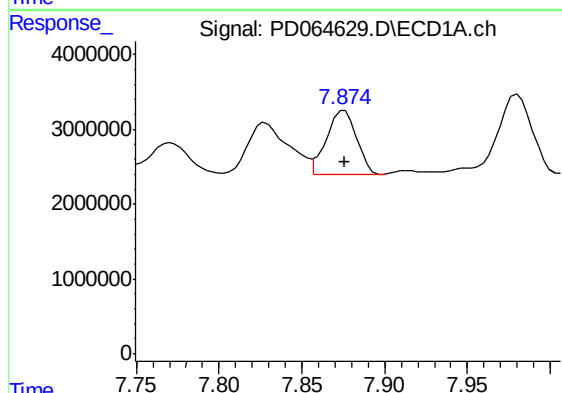
R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 6185034  
Conc: 3.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



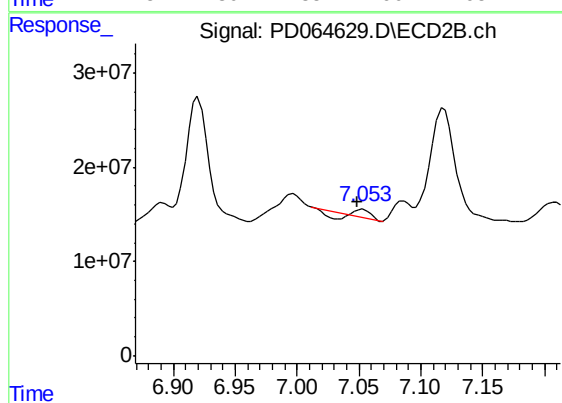
#7 delta-BHC

R.T.: 6.358 min  
Delta R.T.: -0.022 min  
Response: 63885658  
Conc: 5.88 ng/ml



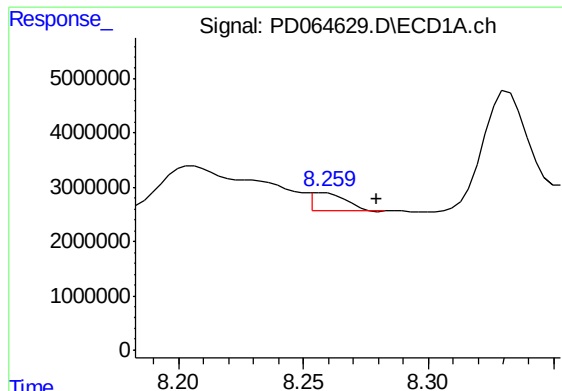
#8 Heptachlor epoxide

R.T.: 7.876 min  
Delta R.T.: 0.000 min  
Response: 11141640  
Conc: 6.49 ng/ml



#8 Heptachlor epoxide

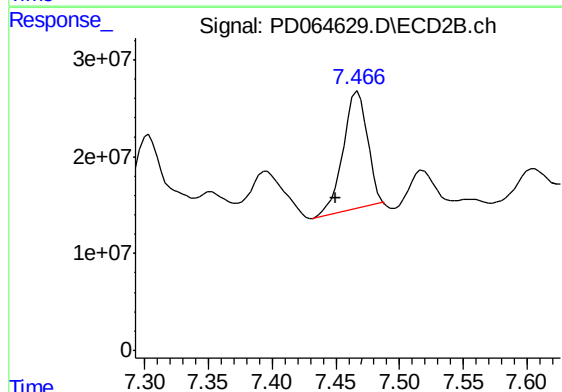
R.T.: 7.053 min  
Delta R.T.: 0.004 min  
Response: 1757534  
Conc: 0.19 ng/ml



#9 Endosulfan I

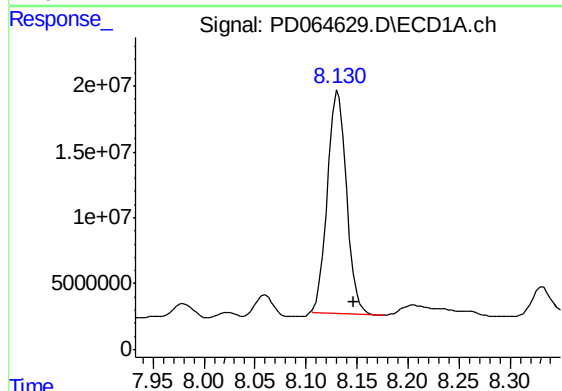
R.T.: 8.258 min  
Delta R.T.: -0.021 min  
Response: 3255146  
Conc: 2.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



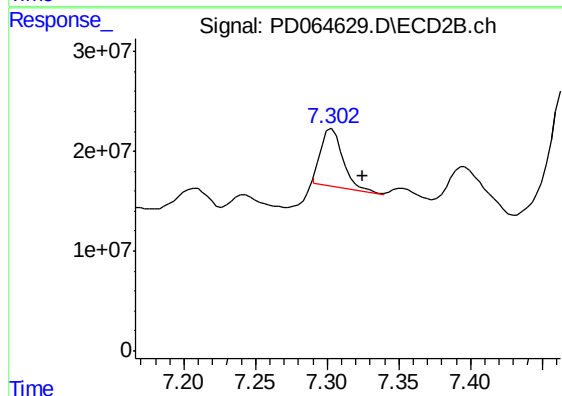
#9 Endosulfan I

R.T.: 7.467 min  
Delta R.T.: 0.018 min  
Response: 157417059  
Conc: 20.47 ng/ml



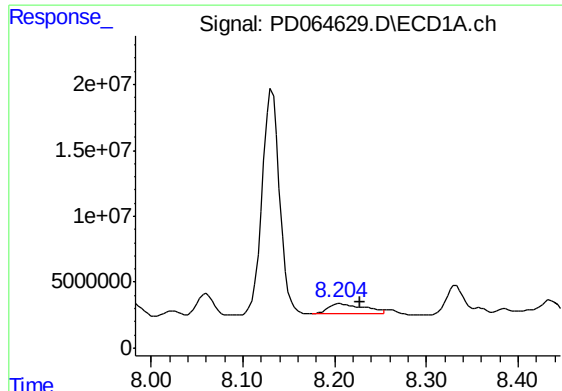
#10 trans-Chlordane

R.T.: 8.132 min  
Delta R.T.: -0.015 min  
Response: 220306246  
Conc: 137.48 ng/ml



#10 trans-Chlordane

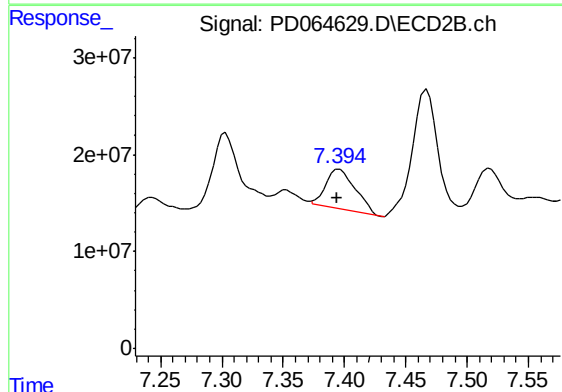
R.T.: 7.303 min  
Delta R.T.: -0.022 min  
Response: 64365247  
Conc: 7.10 ng/ml



#11 cis-Chlordane

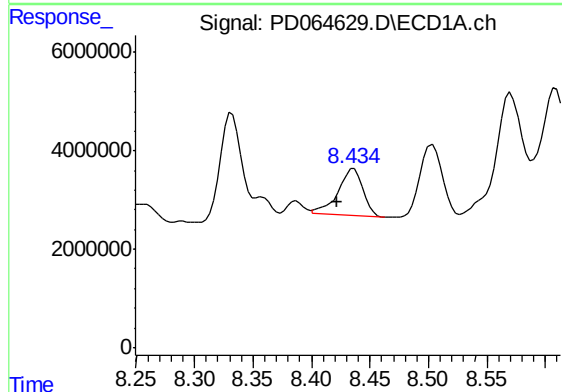
R.T.: 8.206 min  
Delta R.T.: -0.022 min  
Response: 21645826  
Conc: 13.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



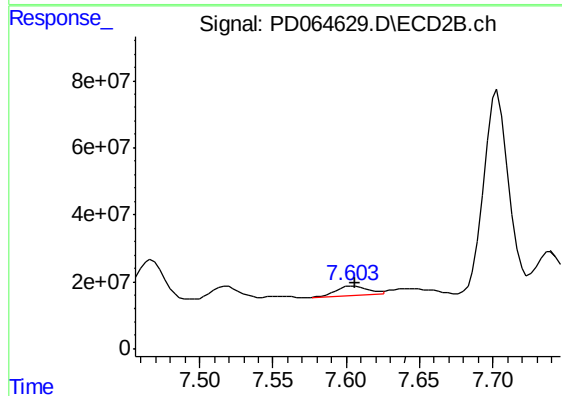
#11 cis-Chlordane

R.T.: 7.395 min  
Delta R.T.: 0.001 min  
Response: 69575380  
Conc: 7.82 ng/ml



#12 4,4'-DDE

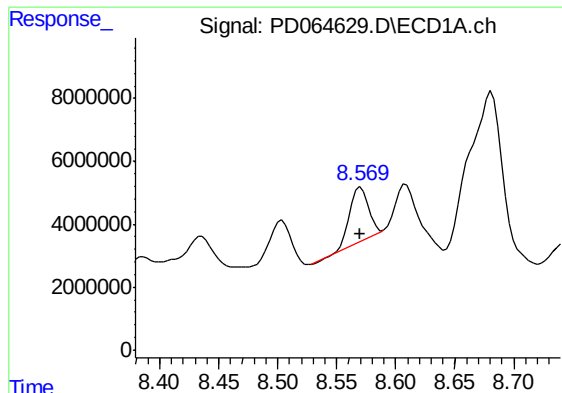
R.T.: 8.436 min  
Delta R.T.: 0.013 min  
Response: 13848104  
Conc: 9.61 ng/ml



#12 4,4'-DDE

R.T.: 7.605 min  
Delta R.T.: 0.000 min  
Response: 46309616  
Conc: 6.14 ng/ml

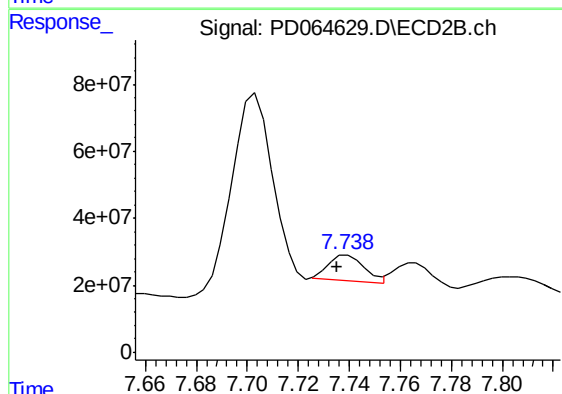




#13 Dieldrin

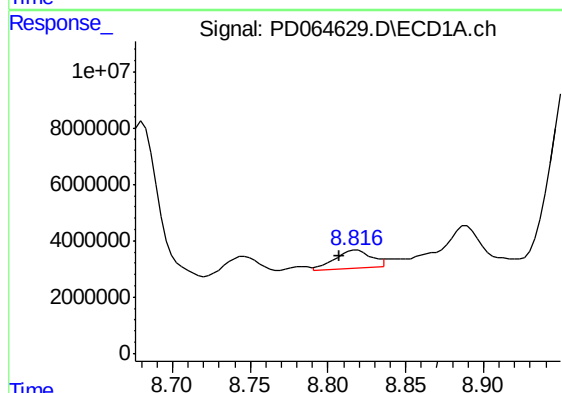
R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 18857933  
Conc: 12.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



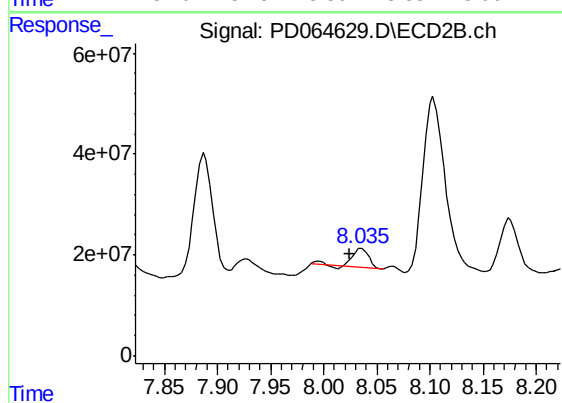
#13 Dieldrin

R.T.: 7.740 min  
Delta R.T.: 0.004 min  
Response: 74146232  
Conc: 9.23 ng/ml



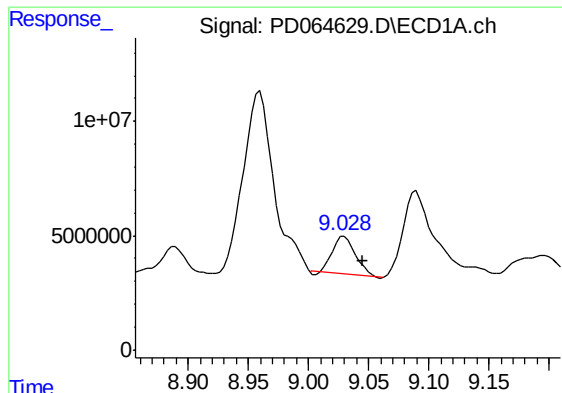
#14 Endrin

R.T.: 8.818 min  
Delta R.T.: 0.011 min  
Response: 10293491  
Conc: 8.04 ng/ml



#14 Endrin

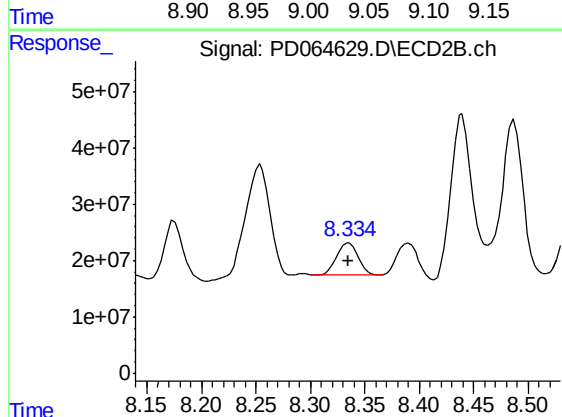
R.T.: 8.036 min  
Delta R.T.: 0.011 min  
Response: 38362090  
Conc: 6.68 ng/ml



#15 Endosulfan II

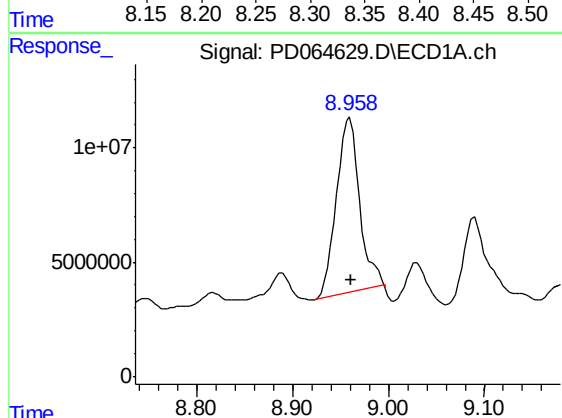
R.T.: 9.030 min  
Delta R.T.: -0.015 min  
Response: 21890502  
Conc: 16.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



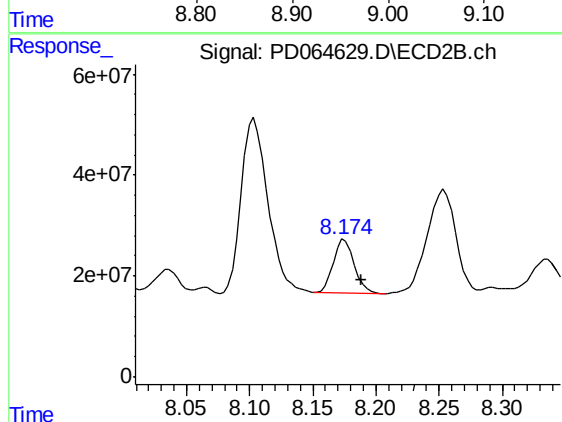
#15 Endosulfan II

R.T.: 8.336 min  
Delta R.T.: 0.001 min  
Response: 77629819  
Conc: 13.45 ng/ml



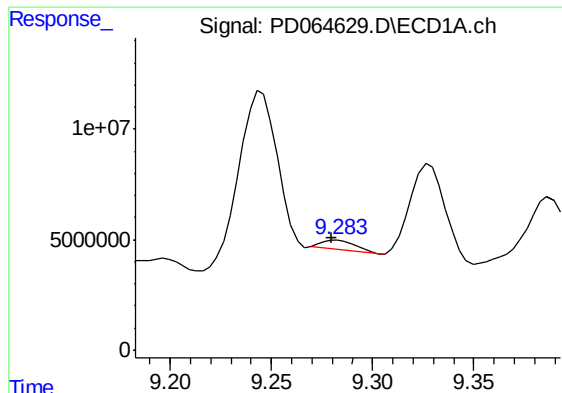
#16 4,4'-DDD

R.T.: 8.960 min  
Delta R.T.: -0.002 min  
Response: 127745507  
Conc: 104.07 ng/ml



#16 4,4'-DDD

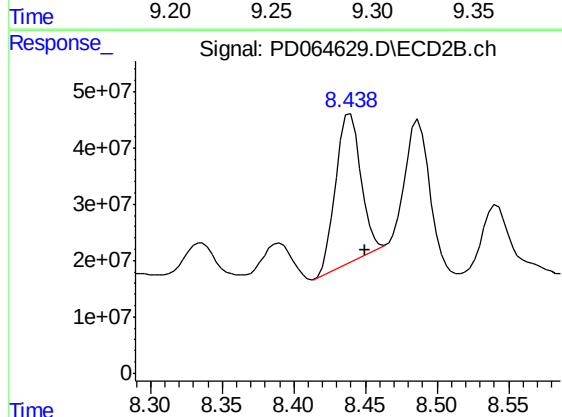
R.T.: 8.175 min  
Delta R.T.: -0.013 min  
Response: 122738618  
Conc: 21.31 ng/ml



#17 4,4'-DDT

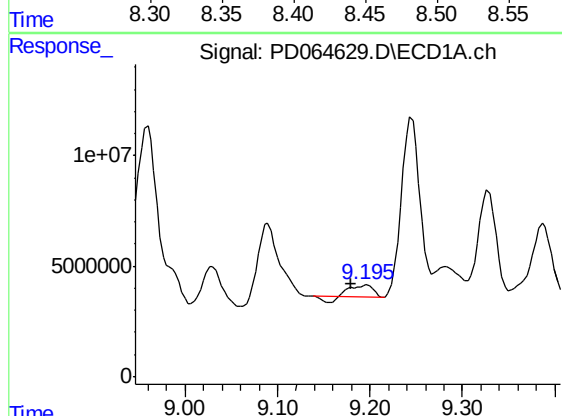
R.T.: 9.282 min  
Delta R.T.: 0.002 min  
Response: 5105303  
Conc: 3.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



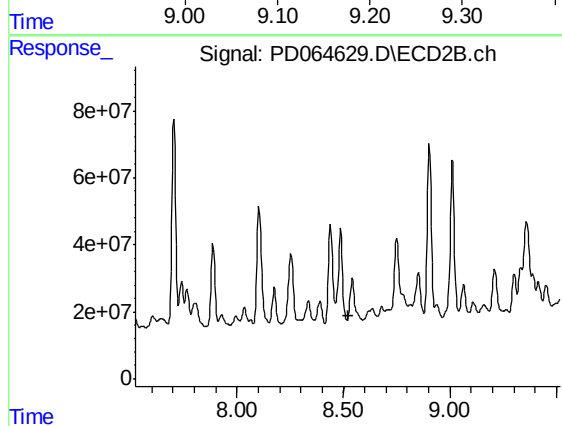
#17 4,4'-DDT

R.T.: 8.439 min  
Delta R.T.: -0.010 min  
Response: 317889150  
Conc: 57.75 ng/ml



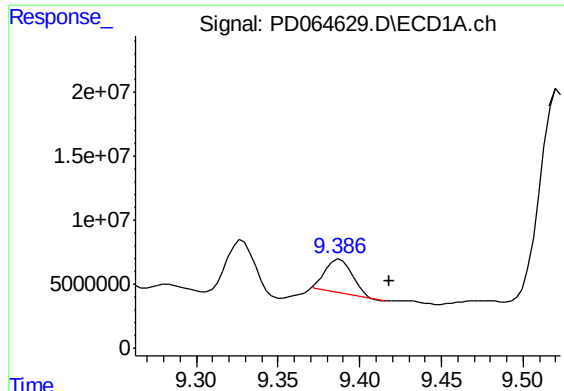
#18 Endrin aldehyde

R.T.: 9.197 min  
Delta R.T.: 0.017 min  
Response: 7510554  
Conc: 6.63 ng/ml



#18 Endrin aldehyde

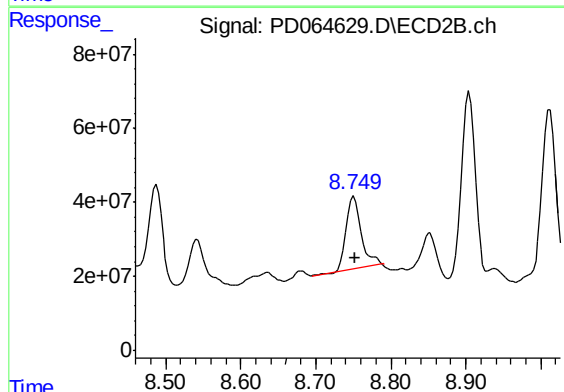
R.T.: 8.542 min  
Delta R.T.: 0.020 min  
Response: -49818547  
Conc: N.D.



#19 Endosulfan Sulfate

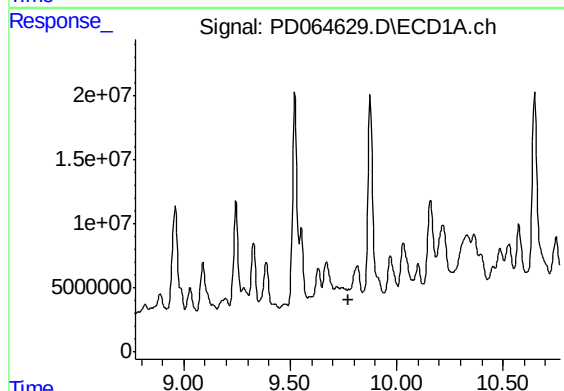
R.T.: 9.388 min  
Delta R.T.: -0.031 min  
Response: 29510451  
Conc: 21.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



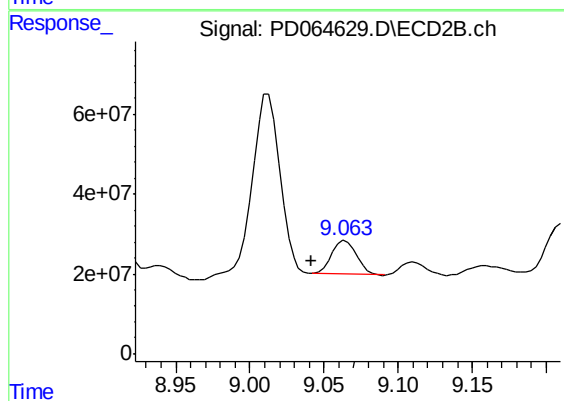
#19 Endosulfan Sulfate

R.T.: 8.751 min  
Delta R.T.: -0.002 min  
Response: 277480040  
Conc: 51.48 ng/ml



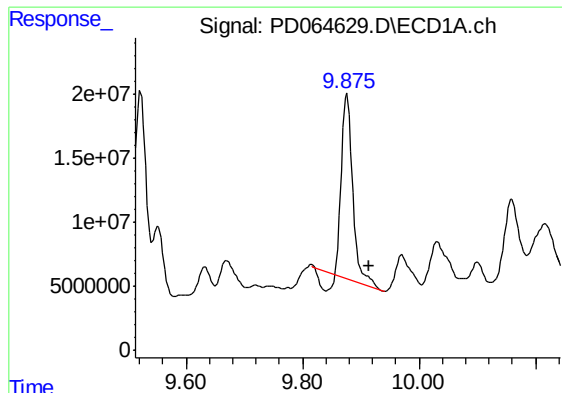
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 9.771 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

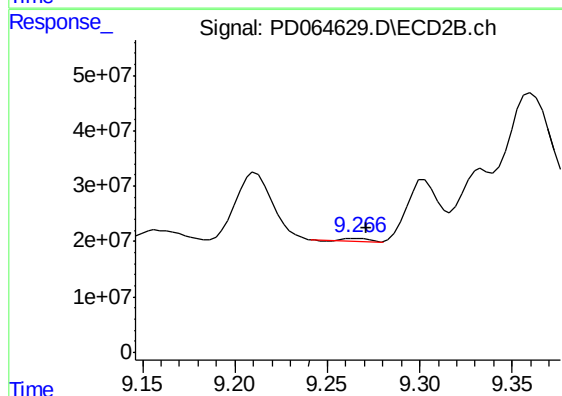
R.T.: 9.065 min  
Delta R.T.: 0.023 min  
Response: 97595062  
Conc: 38.11 ng/ml



#21 Endrin ketone

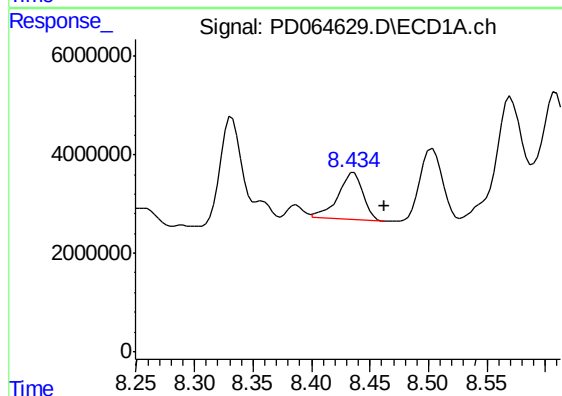
R.T.: 9.876 min  
Delta R.T.: -0.037 min  
Response: 180840352  
Conc: 119.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



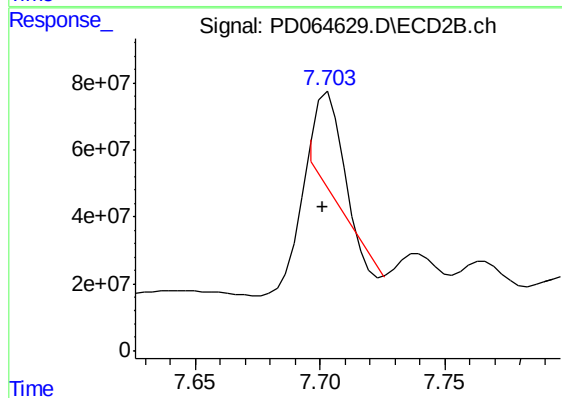
#21 Endrin ketone

R.T.: 9.267 min  
Delta R.T.: -0.004 min  
Response: 2952851  
Conc: 0.49 ng/ml



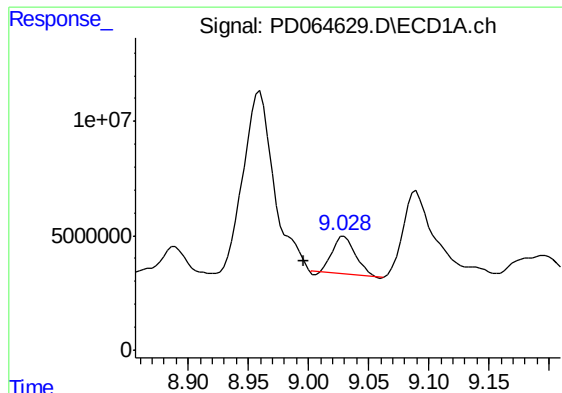
#22 Toxaphene-1

R.T.: 8.436 min  
Delta R.T.: -0.027 min  
Response: 13848104  
Conc: 1484.06 ng/ml



#22 Toxaphene-1

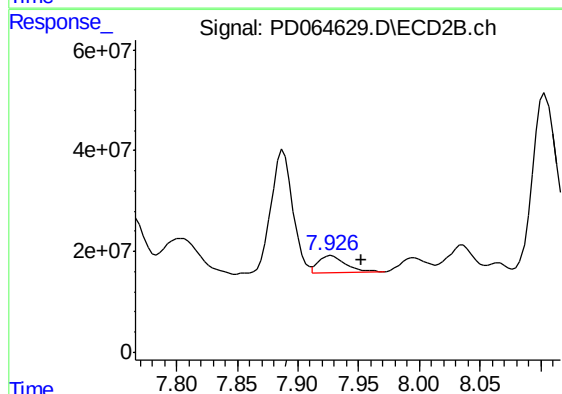
R.T.: 7.703 min  
Delta R.T.: 0.002 min  
Response: 196236005  
Conc: 5215.51 ng/ml



#23 Toxaphene-2

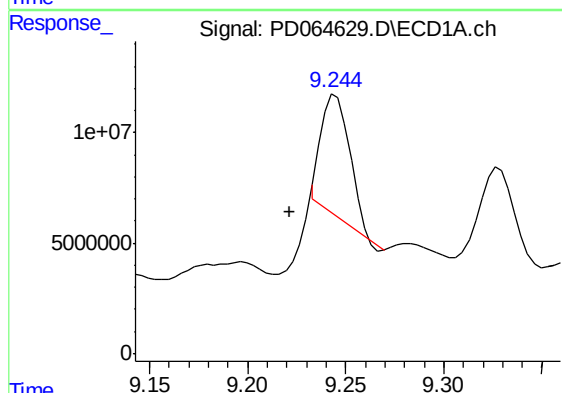
R.T.: 9.030 min  
Delta R.T.: 0.033 min  
Response: 21890502  
Conc: 1255.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



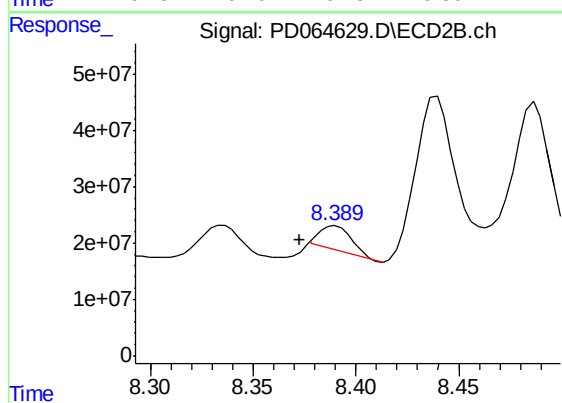
#23 Toxaphene-2

R.T.: 7.927 min  
Delta R.T.: -0.025 min  
Response: 48645820  
Conc: 576.04 ng/ml



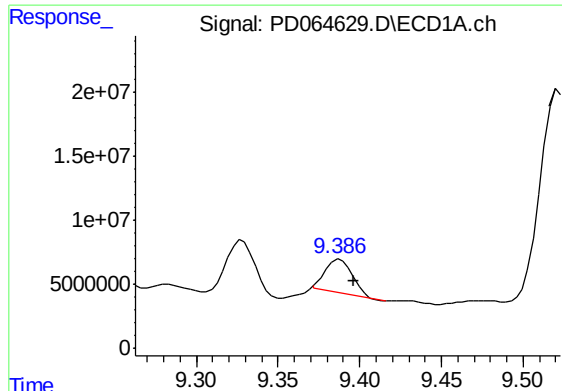
#24 Toxaphene-3

R.T.: 9.245 min  
Delta R.T.: 0.024 min  
Response: 56522706  
Conc: 4662.94 ng/ml



#24 Toxaphene-3

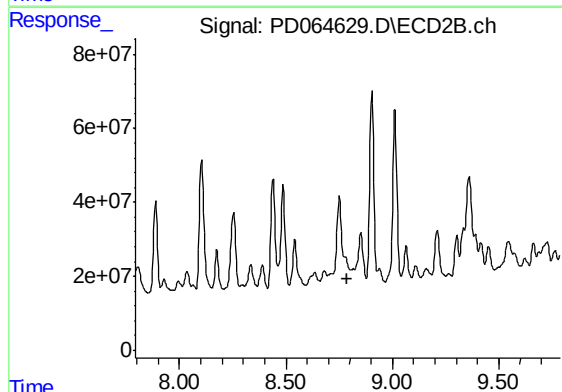
R.T.: 8.390 min  
Delta R.T.: 0.017 min  
Response: 46051224  
Conc: 401.92 ng/ml



#25 Toxaphene-4

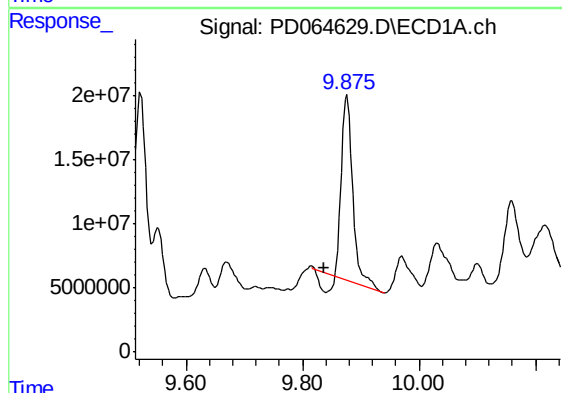
R.T.: 9.388 min  
Delta R.T.: -0.009 min  
Response: 29510451  
Conc: 1228.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



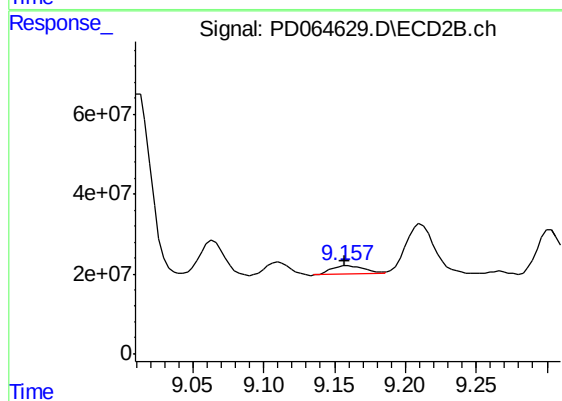
#25 Toxaphene-4

R.T.: 8.815 min  
Delta R.T.: 0.025 min  
Response: -11560239  
Conc: N.D.



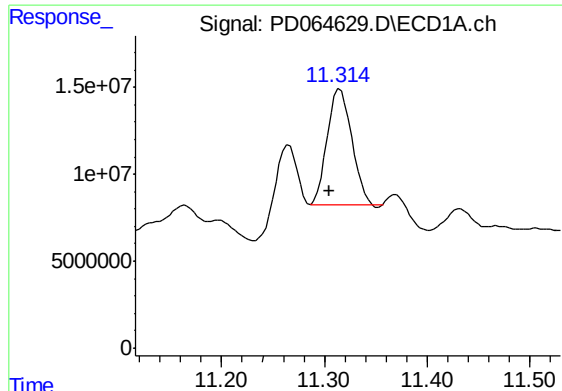
#26 Toxaphene-5

R.T.: 9.876 min  
Delta R.T.: 0.040 min  
Response: 180840352  
Conc: 9794.80 ng/ml



#26 Toxaphene-5

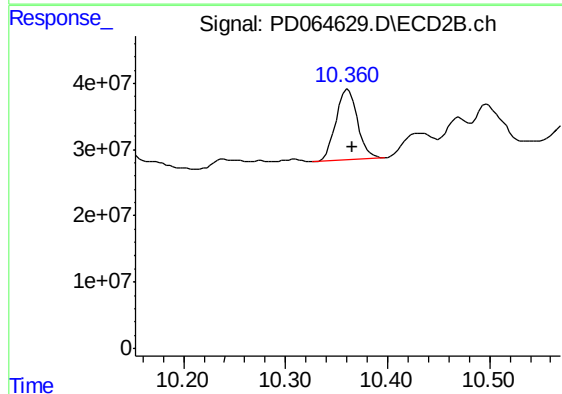
R.T.: 9.159 min  
Delta R.T.: 0.002 min  
Response: 36757347  
Conc: 292.39 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.315 min  
Delta R.T.: 0.010 min  
Response: 109533018  
Conc: 83.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0081



#27 Decachlorobiphenyl

R.T.: 10.361 min  
Delta R.T.: -0.004 min  
Response: 155675305  
Conc: 26.18 ng/ml