

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111919\  
 Data File : PD056088.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2019 13:24  
 Operator : SG\AJ  
 Sample : K5820-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AY8RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 00:29:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 02 07:20:38 2019  
 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... | 3.289  | 3.962  | 13696913 | 9721065  | 18.195   | 9.276 #   |
| 27)                         | SA Decachlor... | 7.966  | 9.001  | 26464692 | 11570709 | 32.467   | 10.189 #  |
| Target Compounds            |                 |        |        |          |          |          |           |
| 3)                          | MA gamma-BHC... | 3.997  | 0.000  | 13580670 | 0        | 13.277   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.264  | 5.167f | 16017622 | -5923022 | 16.917   | N.D. #    |
| 5)                          | MB Aldrin       | 4.477f | 5.439  | 6629699  | 2548180  | 7.156    | 1.857 #   |
| 6)                          | B beta-BHC      | 4.264  | 4.815  | 16017622 | 757245   | 35.413   | 1.082 #   |
| 7)                          | B delta-BHC     | 4.431  | 0.000  | 8260972  | 0        | 8.094    | N.D. #    |
| 8)                          | B Heptachlo...  | 5.020f | 5.782f | 6808052  | 2544051  | 7.625    | 1.885 #   |
| 9)                          | A Endosulfan I  | 5.298  | 6.151  | 11008210 | 4424595  | 13.136   | 3.398 #   |
| 10)                         | B trans-Chl...  | 5.238f | 6.042  | 6159100  | 51802706 | 6.793    | 36.316 #  |
| 11)                         | B cis-Chlor...  | 5.238  | 6.151  | 6159100  | 4424595  | 6.956    | 3.153 #   |
| 12)                         | B 4,4'-DDE      | 5.416  | 6.261  | 3270612  | 1746035  | 3.762    | 1.296 #   |
| 13)                         | MA Dieldrin     | 5.508  | 6.465  | 35846969 | 10209655 | 38.111   | 7.223 #   |
| 14)                         | MA Endrin       | 5.812f | 6.654  | 826780   | 435359   | 1.031    | 0.378 #   |
| 15)                         | B Endosulfa...  | 5.990f | 6.852  | 2062588  | 9628626  | 2.448    | 7.435 #   |
| 16)                         | A 4,4'-DDD      | 5.917  | 6.771  | 13352231 | 28515807 | 18.905   | 25.537 #  |
| 17)                         | MA 4,4'-DDT     | 6.192f | 7.051  | 7505159  | 990483   | 11.582   | 0.911 #   |
| 18)                         | B Endrin al...  | 6.192  | 6.983  | 7505159  | 10350981 | 10.506   | 9.533     |
| 19)                         | B Endosulfa...  | 0.000  | 7.182  | 0        | 9487456  | N.D.     | 7.869     |
| 20)                         | A Methoxychlor  | 6.689  | 7.519  | 3051981  | 1662953  | 8.159    | 2.668 #   |
| 21)                         | B Endrin ke...  | 6.866f | 7.735f | 3785082  | 20854162 | 4.273    | 15.811 #  |
| 22)                         | Toxaphene-1     | 5.508  | 6.362  | 35846969 | 5408300  | 4334.388 | 526.738 # |
| 23)                         | Toxaphene-2     | 5.692  | 6.654  | 8959480  | 435359   | 1003.493 | 36.272 #  |
| 24)                         | Toxaphene-3     | 5.990  | 7.051  | 2062588  | 990483   | 264.966  | 53.446 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.094  | 0        | 8560713  | N.D.     | 166.165   |
| 26)                         | Toxaphene-5     | 6.815  | 7.584  | 6610014  | 3291592  | 230.789  | 135.452 # |
| -----                       |                 |        |        |          |          |          |           |

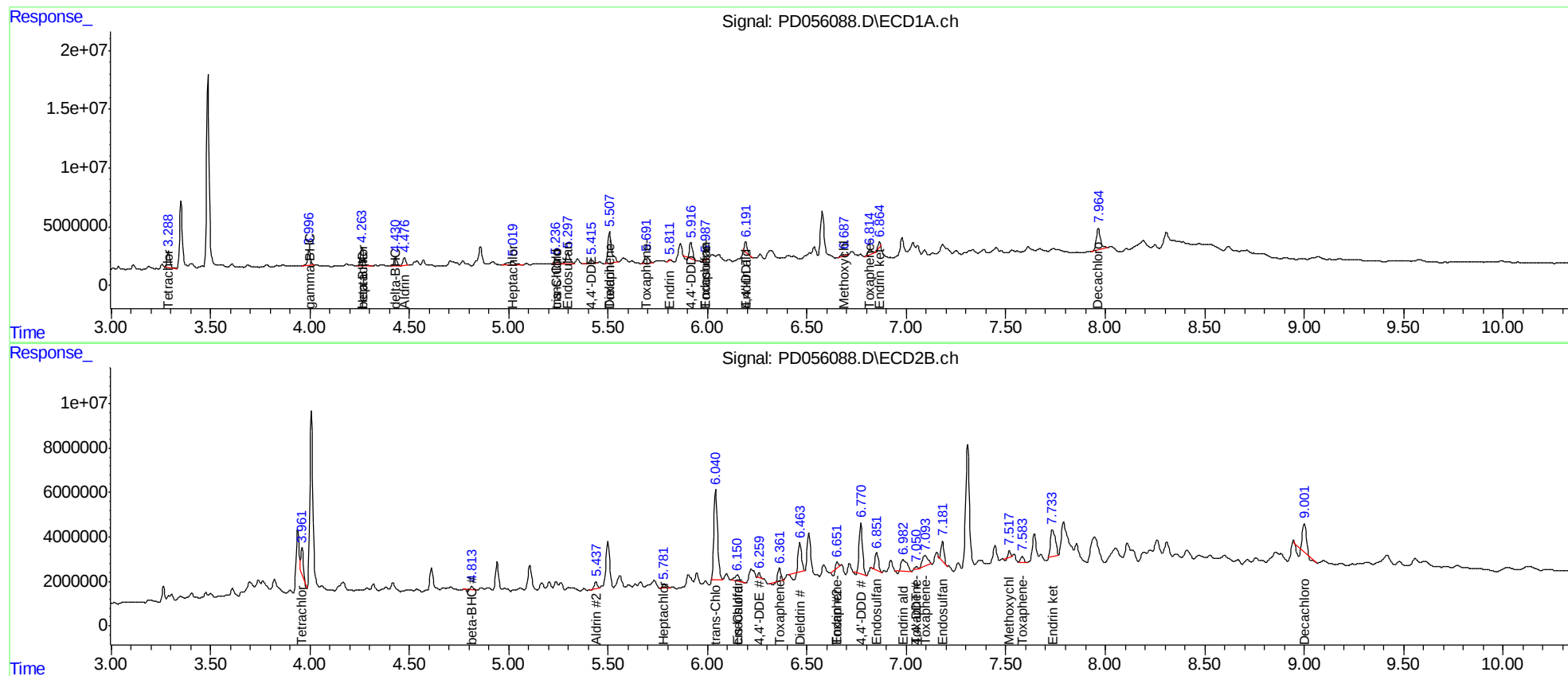
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

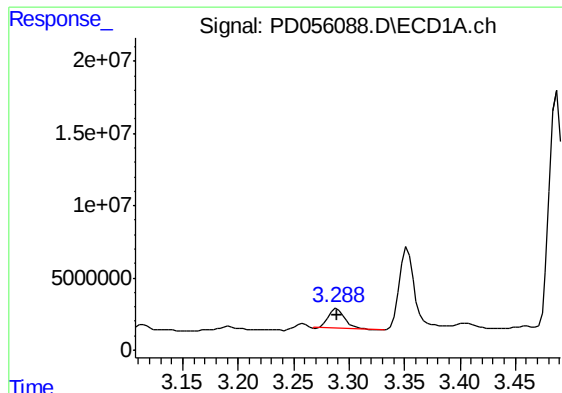
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111919\  
Data File : PD056088.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2019 13:24  
Operator : SG\AJ  
Sample : K5820-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 00:29:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 02 07:20:38 2019  
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

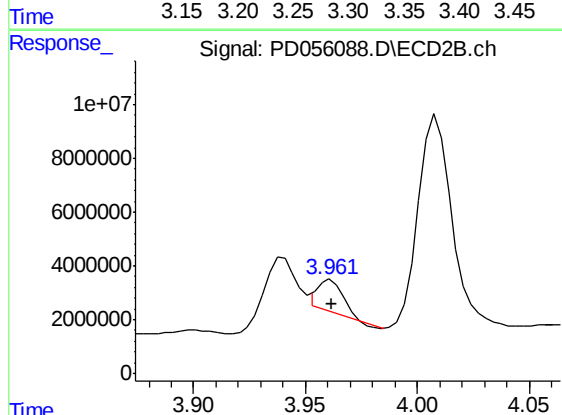




#1 Tetrachloro-m-xylene

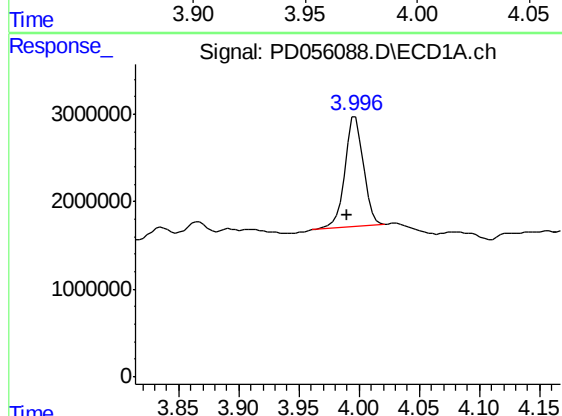
R.T.: 3.289 min  
Delta R.T.: 0.000 min  
Response: 13696913  
Conc: 18.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



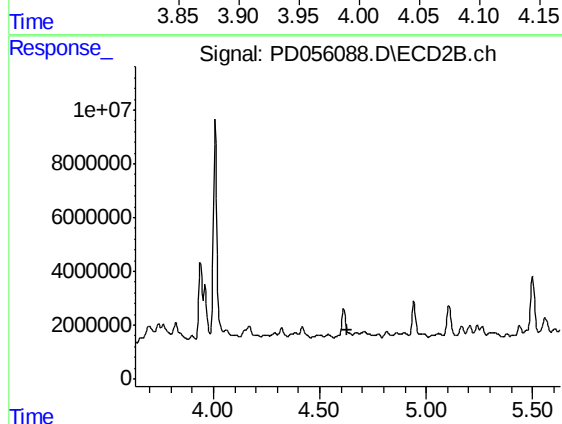
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 9721065  
Conc: 9.28 ng/ml



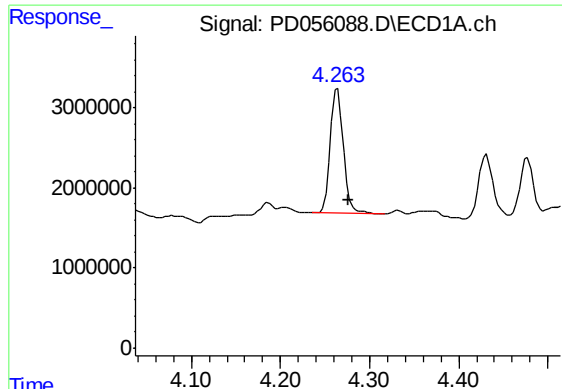
#3 gamma-BHC (Lindane)

R.T.: 3.997 min  
Delta R.T.: 0.007 min  
Response: 13580670  
Conc: 13.28 ng/ml



#3 gamma-BHC (Lindane)

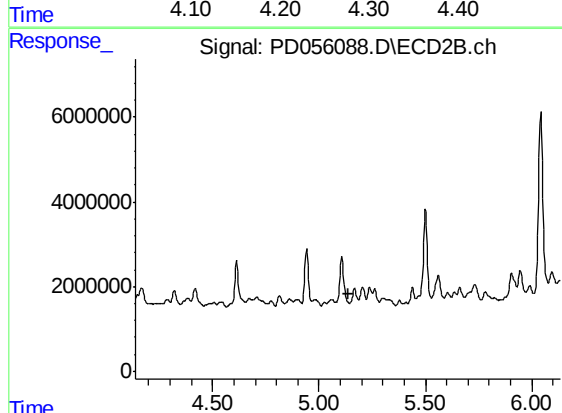
R.T.: 0.000 min  
Exp R.T. : 4.631 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

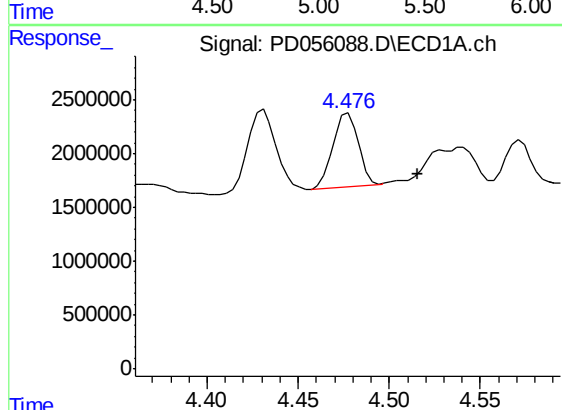
R.T.: 4.264 min  
Delta R.T.: -0.013 min  
Response: 16017622  
Conc: 16.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



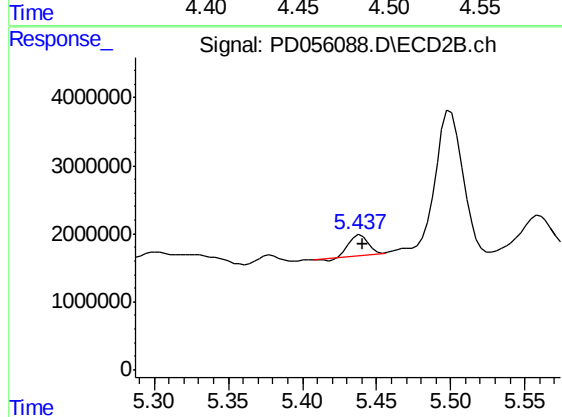
#4 Heptachlor

R.T.: 5.167 min  
Delta R.T.: 0.030 min  
Response: -5923022  
Conc: N.D.



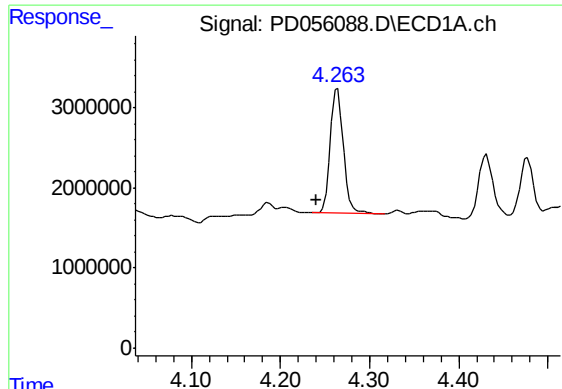
#5 Aldrin

R.T.: 4.477 min  
Delta R.T.: -0.039 min  
Response: 6629699  
Conc: 7.16 ng/ml



#5 Aldrin

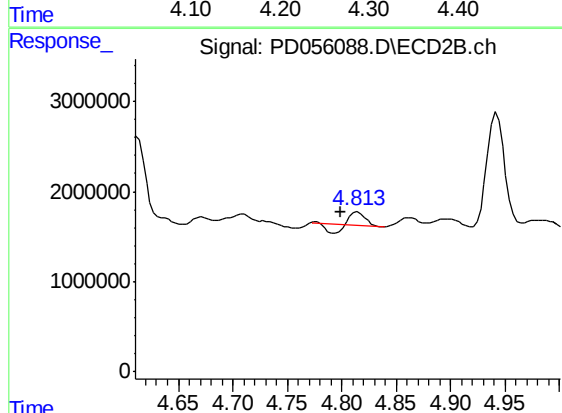
R.T.: 5.439 min  
Delta R.T.: -0.001 min  
Response: 2548180  
Conc: 1.86 ng/ml



#6 beta-BHC

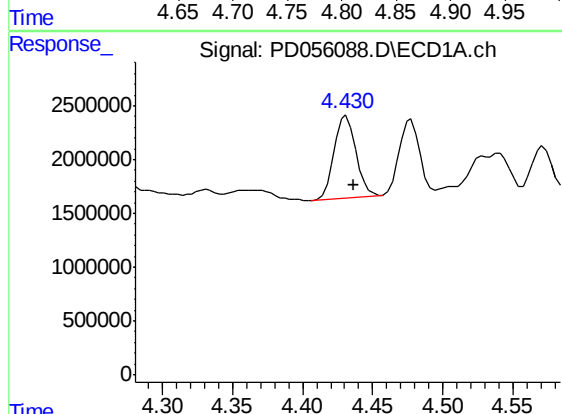
R.T.: 4.264 min  
Delta R.T.: 0.024 min  
Response: 16017622  
Conc: 35.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



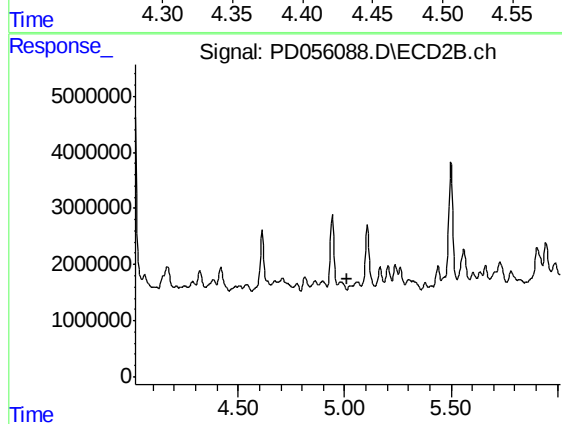
#6 beta-BHC

R.T.: 4.815 min  
Delta R.T.: 0.016 min  
Response: 757245  
Conc: 1.08 ng/ml



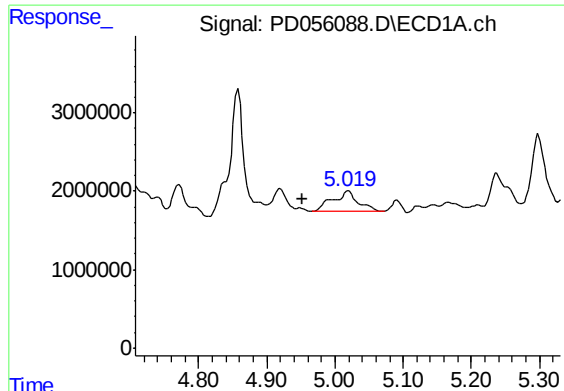
#7 delta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.005 min  
Response: 8260972  
Conc: 8.09 ng/ml



#7 delta-BHC

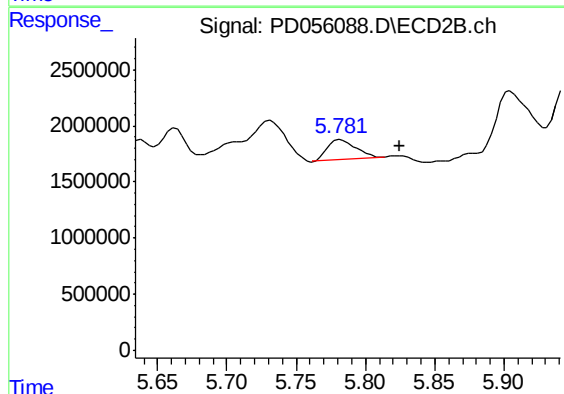
R.T.: 0.000 min  
Exp R.T. : 5.015 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

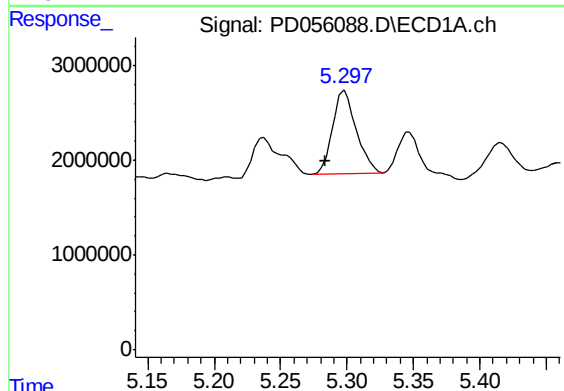
R.T.: 5.020 min  
Delta R.T.: 0.068 min  
Response: 6808052  
Conc: 7.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



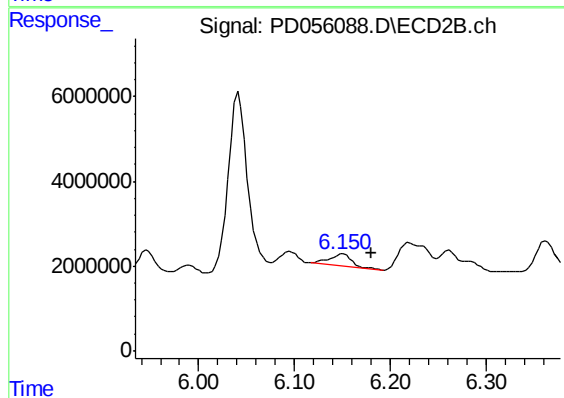
#8 Heptachlor epoxide

R.T.: 5.782 min  
Delta R.T.: -0.042 min  
Response: 2544051  
Conc: 1.89 ng/ml



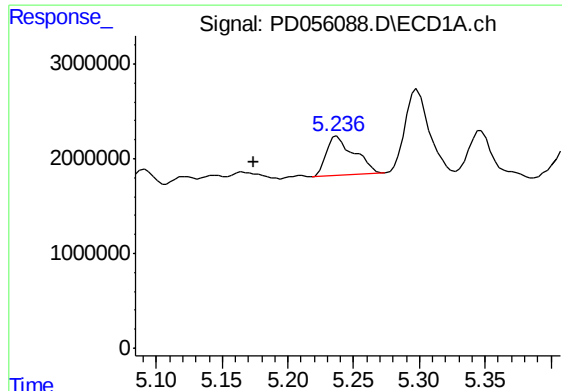
#9 Endosulfan I

R.T.: 5.298 min  
Delta R.T.: 0.015 min  
Response: 11008210  
Conc: 13.14 ng/ml



#9 Endosulfan I

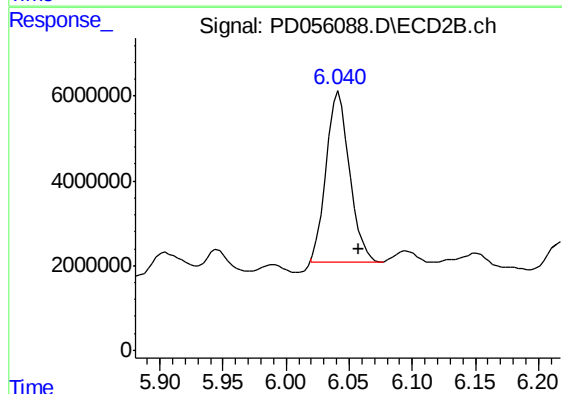
R.T.: 6.151 min  
Delta R.T.: -0.029 min  
Response: 4424595  
Conc: 3.40 ng/ml



#10 trans-Chlordane

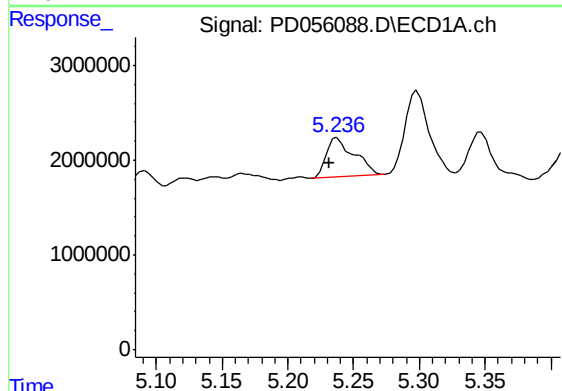
R.T.: 5.238 min  
Delta R.T.: 0.063 min  
Response: 6159100  
Conc: 6.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



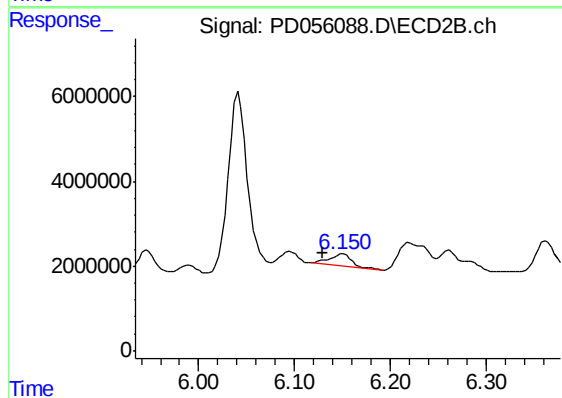
#10 trans-Chlordane

R.T.: 6.042 min  
Delta R.T.: -0.016 min  
Response: 51802706  
Conc: 36.32 ng/ml



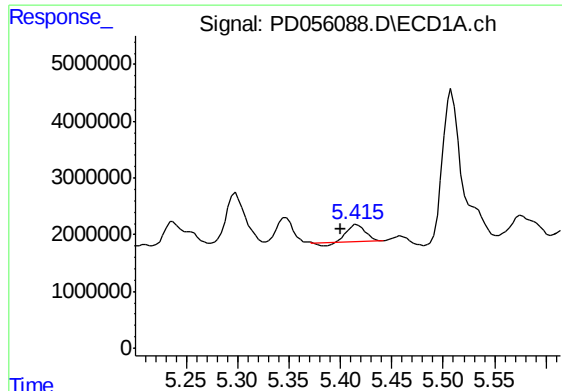
#11 cis-Chlordane

R.T.: 5.238 min  
Delta R.T.: 0.006 min  
Response: 6159100  
Conc: 6.96 ng/ml



#11 cis-Chlordane

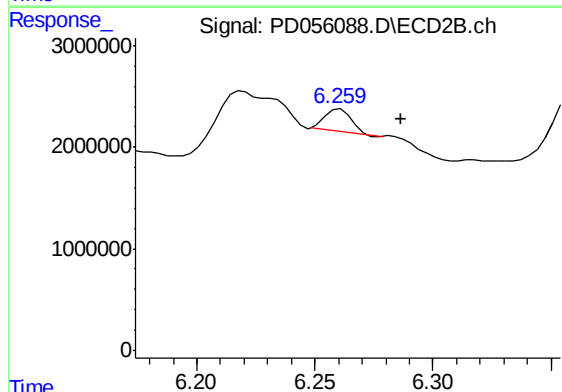
R.T.: 6.151 min  
Delta R.T.: 0.021 min  
Response: 4424595  
Conc: 3.15 ng/ml



#12 4,4'-DDE

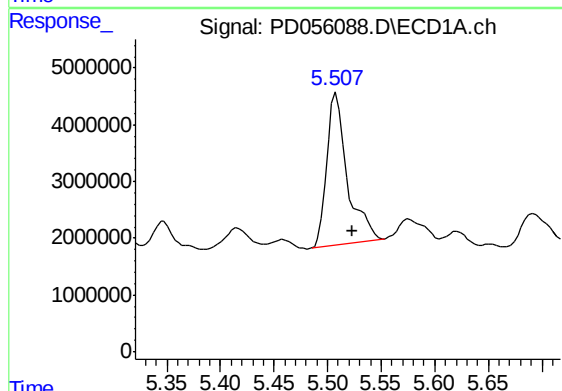
R.T.: 5.416 min  
Delta R.T.: 0.016 min  
Response: 3270612  
Conc: 3.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



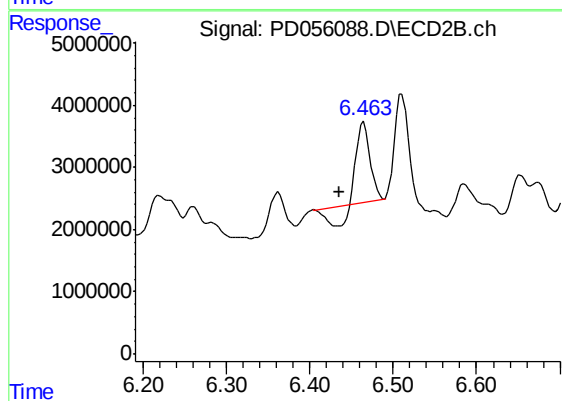
#12 4,4'-DDE

R.T.: 6.261 min  
Delta R.T.: -0.026 min  
Response: 1746035  
Conc: 1.30 ng/ml



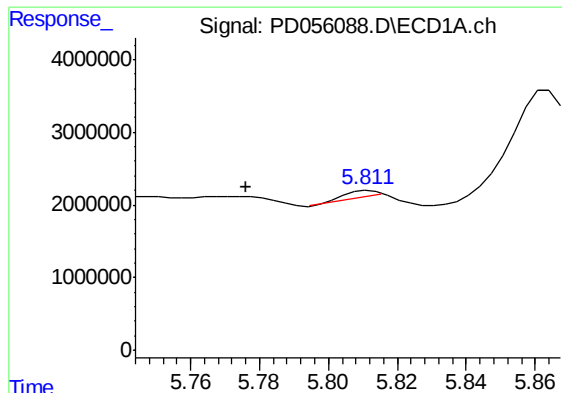
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: -0.015 min  
Response: 35846969  
Conc: 38.11 ng/ml



#13 Dieldrin

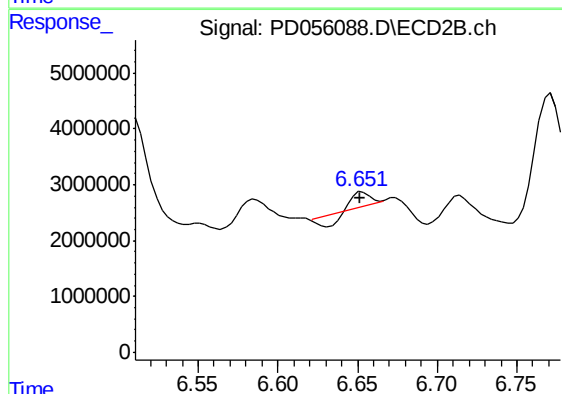
R.T.: 6.465 min  
Delta R.T.: 0.029 min  
Response: 10209655  
Conc: 7.22 ng/ml



#14 Endrin

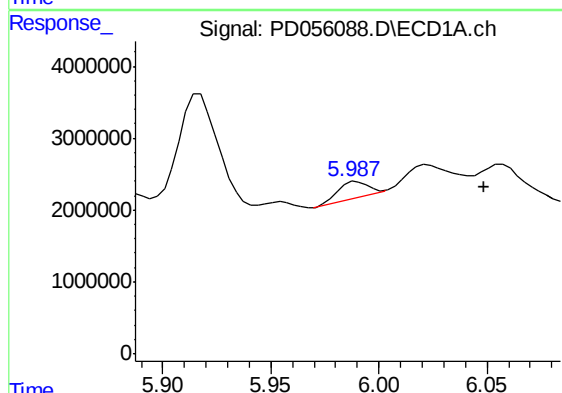
R.T.: 5.812 min  
Delta R.T.: 0.036 min  
Response: 826780  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



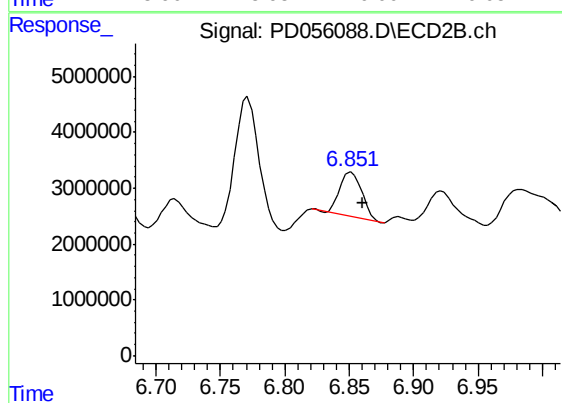
#14 Endrin

R.T.: 6.654 min  
Delta R.T.: 0.002 min  
Response: 435359  
Conc: 0.38 ng/ml



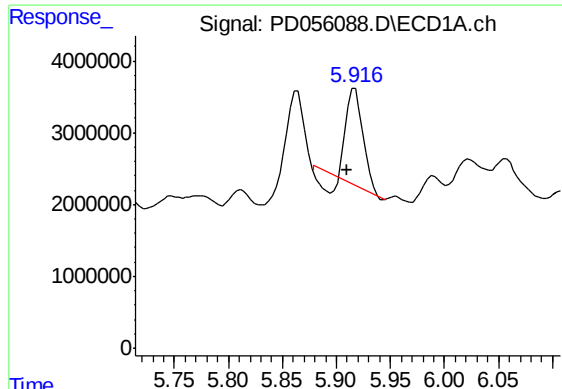
#15 Endosulfan II

R.T.: 5.990 min  
Delta R.T.: -0.059 min  
Response: 2062588  
Conc: 2.45 ng/ml



#15 Endosulfan II

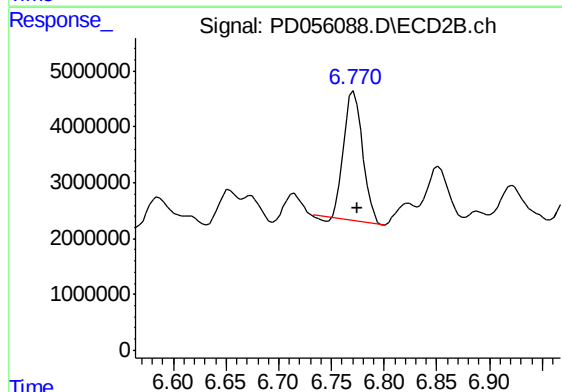
R.T.: 6.852 min  
Delta R.T.: -0.008 min  
Response: 9628626  
Conc: 7.44 ng/ml



#16 4,4'-DDD

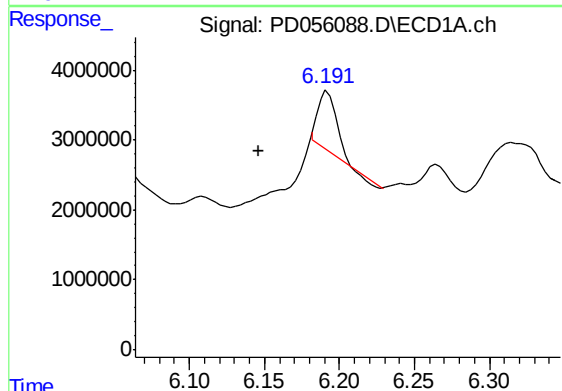
R.T.: 5.917 min  
Delta R.T.: 0.006 min  
Response: 13352231  
Conc: 18.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



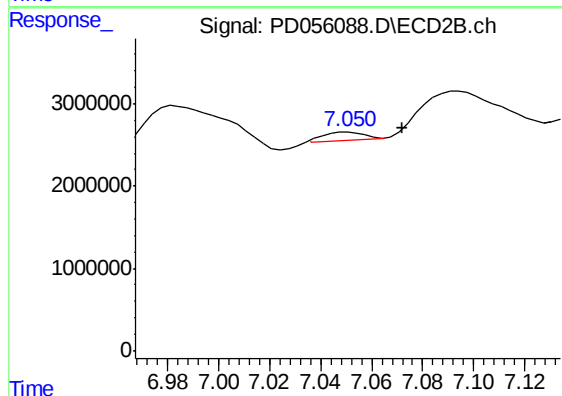
#16 4,4'-DDD

R.T.: 6.771 min  
Delta R.T.: -0.003 min  
Response: 28515807  
Conc: 25.54 ng/ml



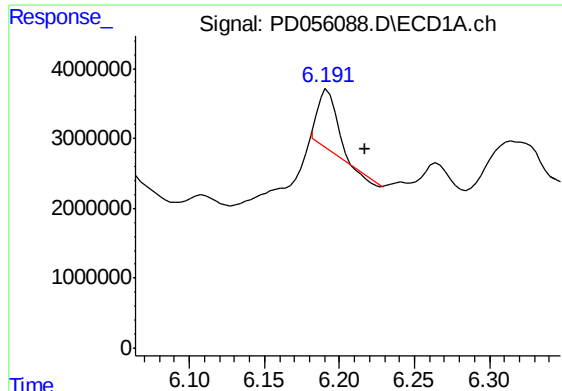
#17 4,4'-DDT

R.T.: 6.192 min  
Delta R.T.: 0.046 min  
Response: 7505159  
Conc: 11.58 ng/ml



#17 4,4'-DDT

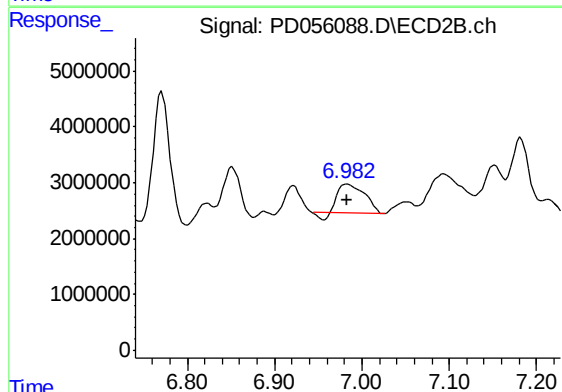
R.T.: 7.051 min  
Delta R.T.: -0.021 min  
Response: 990483  
Conc: 0.91 ng/ml



#18 Endrin aldehyde

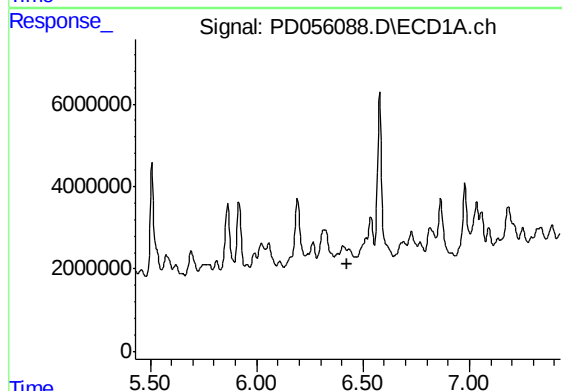
R.T.: 6.192 min  
Delta R.T.: -0.025 min  
Response: 7505159  
Conc: 10.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



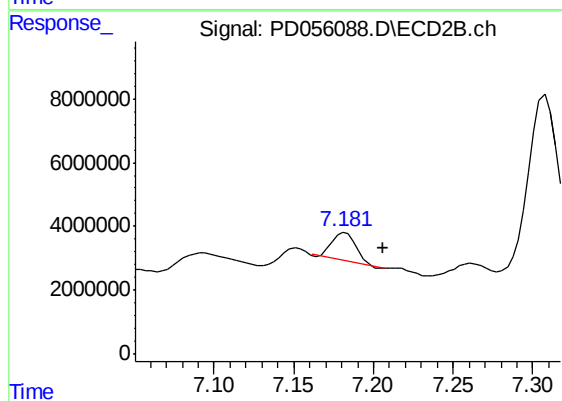
#18 Endrin aldehyde

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 10350981  
Conc: 9.53 ng/ml



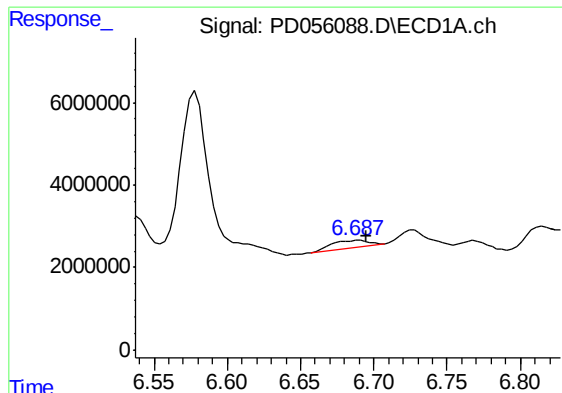
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.428 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

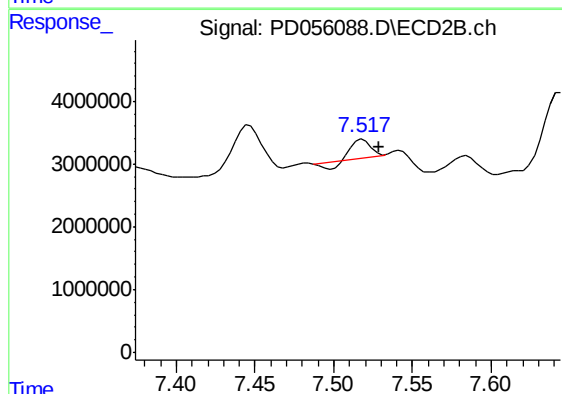
R.T.: 7.182 min  
Delta R.T.: -0.023 min  
Response: 9487456  
Conc: 7.87 ng/ml



#20 Methoxychlor

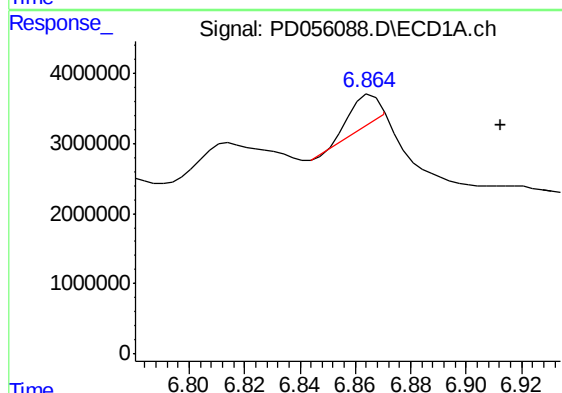
R.T.: 6.689 min  
Delta R.T.: -0.006 min  
Response: 3051981  
Conc: 8.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



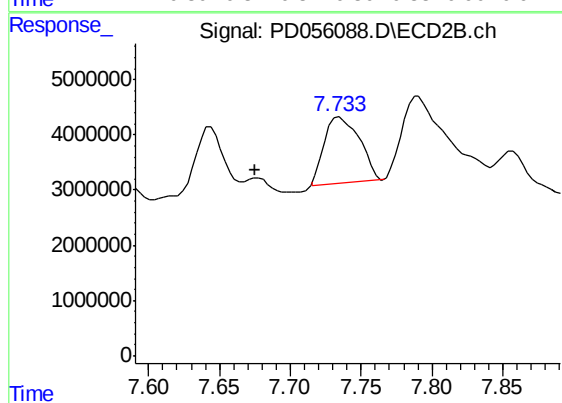
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.010 min  
Response: 1662953  
Conc: 2.67 ng/ml



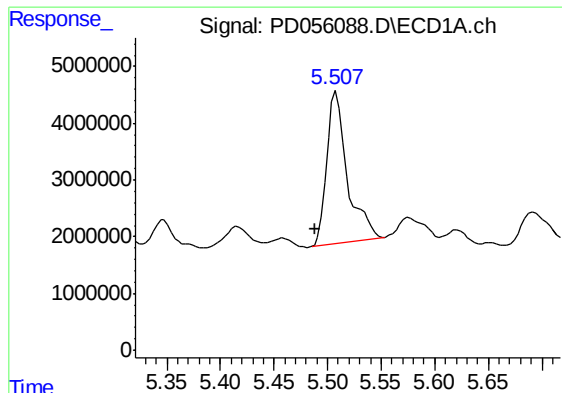
#21 Endrin ketone

R.T.: 6.866 min  
Delta R.T.: -0.047 min  
Response: 3785082  
Conc: 4.27 ng/ml



#21 Endrin ketone

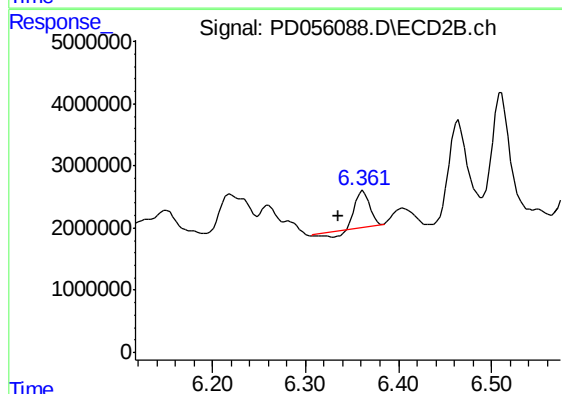
R.T.: 7.735 min  
Delta R.T.: 0.060 min  
Response: 20854162  
Conc: 15.81 ng/ml



#22 Toxaphene-1

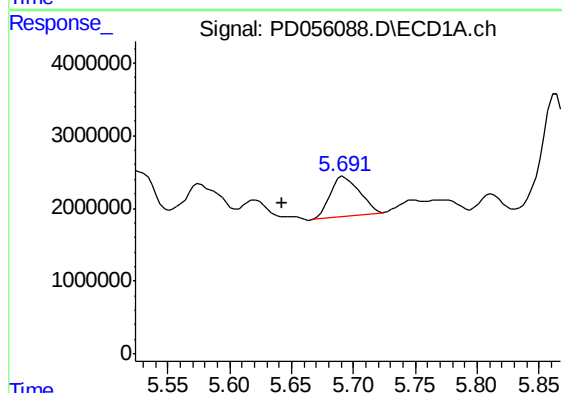
R.T.: 5.508 min  
Delta R.T.: 0.020 min  
Response: 35846969  
Conc: 4334.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



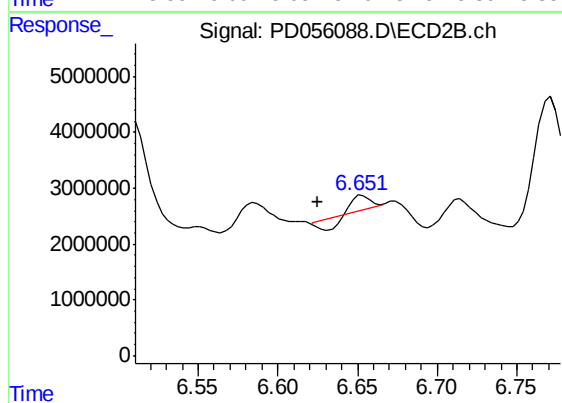
#22 Toxaphene-1

R.T.: 6.362 min  
Delta R.T.: 0.026 min  
Response: 5408300  
Conc: 526.74 ng/ml



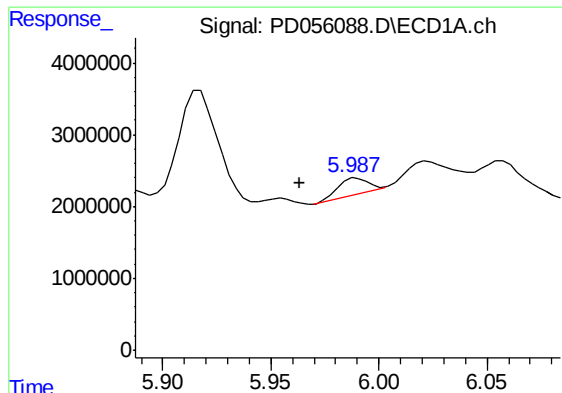
#23 Toxaphene-2

R.T.: 5.692 min  
Delta R.T.: 0.050 min  
Response: 8959480  
Conc: 1003.49 ng/ml



#23 Toxaphene-2

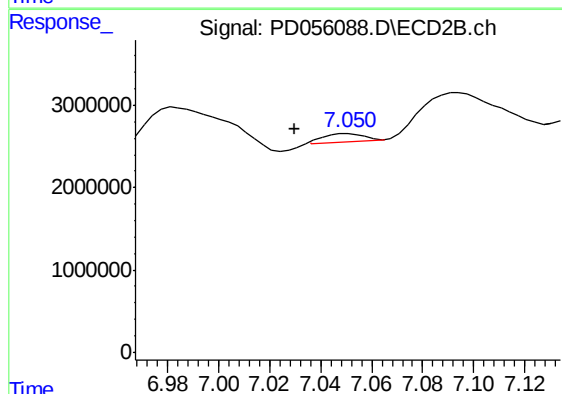
R.T.: 6.654 min  
Delta R.T.: 0.029 min  
Response: 435359  
Conc: 36.27 ng/ml



#24 Toxaphene-3

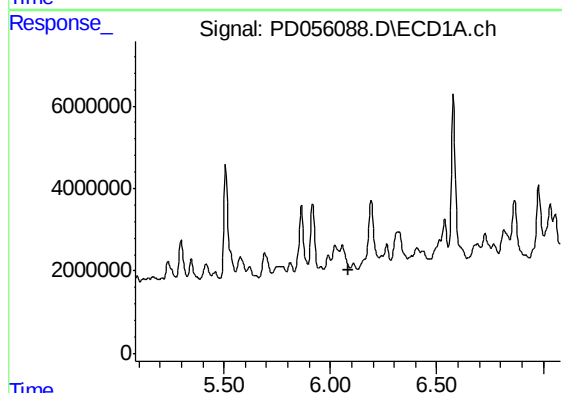
R.T.: 5.990 min  
Delta R.T.: 0.027 min  
Response: 2062588  
Conc: 264.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



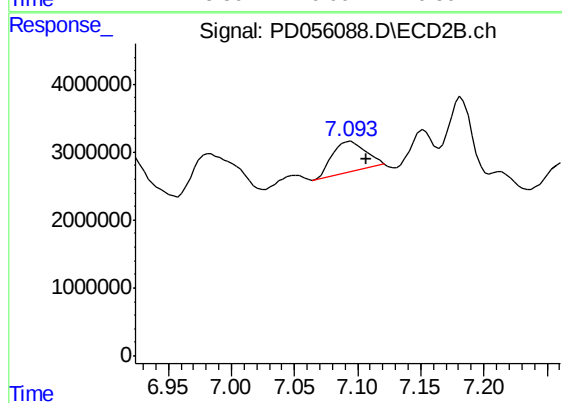
#24 Toxaphene-3

R.T.: 7.051 min  
Delta R.T.: 0.022 min  
Response: 990483  
Conc: 53.45 ng/ml



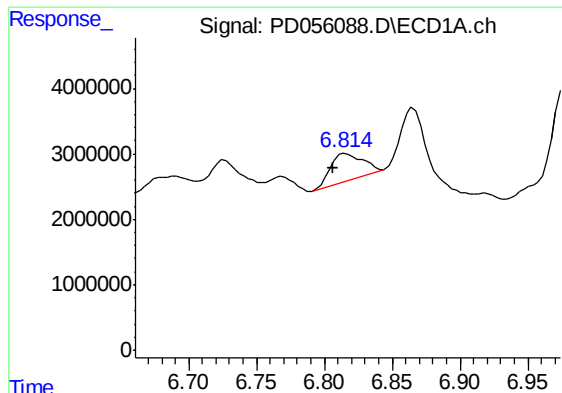
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.082 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

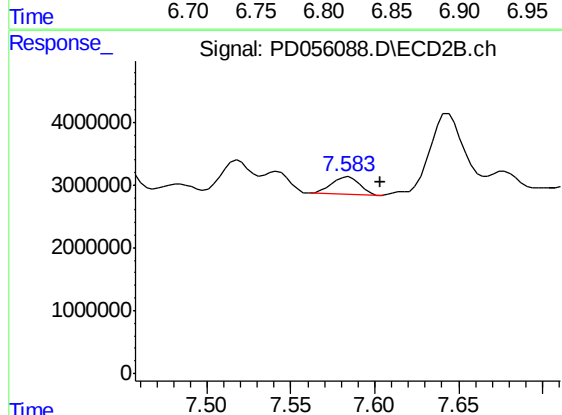
R.T.: 7.094 min  
Delta R.T.: -0.013 min  
Response: 8560713  
Conc: 166.17 ng/ml



#26 Toxaphene-5

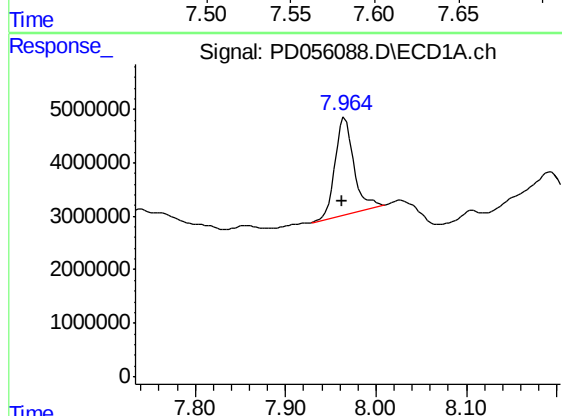
R.T.: 6.815 min  
Delta R.T.: 0.009 min  
Response: 6610014  
Conc: 230.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8RE



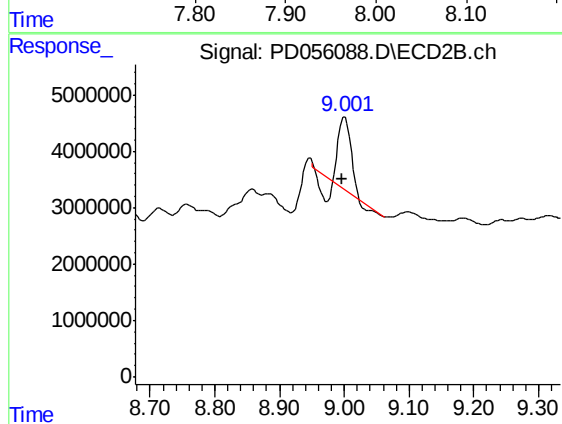
#26 Toxaphene-5

R.T.: 7.584 min  
Delta R.T.: -0.019 min  
Response: 3291592  
Conc: 135.45 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.966 min  
Delta R.T.: 0.003 min  
Response: 26464692  
Conc: 32.47 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.001 min  
Delta R.T.: 0.004 min  
Response: 11570709  
Conc: 10.19 ng/ml