

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092619\  
 Data File : PD055023.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 23:57  
 Operator : SG\AJ  
 Sample : INDB311  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB311

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 01:37:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 24 07:21:19 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... | 3.292  | 3.962  | 16051222 | 21241643 | 21.099   | 20.699     |
| 27)                         | SA Decachlor... | 7.971  | 8.998  | 33528718 | 41994691 | 39.793   | 36.045     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.396f | 0        | 3870112  | N.D.     | 2.685      |
| 4)                          | MA Heptachlor   | 4.244f | 0.000  | 10529667 | 0        | 11.382   | N.D. #     |
| 5)                          | MB Aldrin       | 4.521  | 5.443  | 20537218 | 26988822 | 21.102   | 20.415     |
| 6)                          | B beta-BHC      | 4.244  | 4.800  | 10529667 | 14262470 | 22.506   | 21.393     |
| 7)                          | B delta-BHC     | 4.440  | 5.015  | 23842053 | 27899854 | 22.278   | 19.224     |
| 8)                          | B Heptachlo...  | 4.958  | 5.826  | 20029251 | 25977788 | 21.827   | 19.755     |
| 9)                          | A Endosulfan I  | 5.289  | 6.132f | 563288   | 26530051 | 0.635    | 21.028 #   |
| 10)                         | B trans-Chl...  | 5.181  | 6.059  | 20564382 | 27252553 | 21.769   | 20.107     |
| 11)                         | B cis-Chlor...  | 5.238  | 6.132  | 19930523 | 26530051 | 21.776   | 20.142     |
| 12)                         | B 4,4'-DDE      | 5.406  | 6.288  | 39401782 | 52229727 | 43.915   | 40.346     |
| 13)                         | MA Dieldrin     | 5.511  | 0.000  | 275530   | 0        | 0.280    | N.D. #     |
| 14)                         | MA Endrin       | 5.800  | 0.000  | 216653   | 0        | 0.261    | N.D. #     |
| 15)                         | B Endosulfa...  | 6.056  | 6.861  | 36732772 | 48709884 | 42.167   | 38.303     |
| 16)                         | A 4,4'-DDD      | 5.915  | 0.000  | 446078   | 0        | 0.615    | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 6.224f | 0.000  | 31281606 | 0        | 46.933   | N.D. #     |
| 18)                         | B Endrin al...  | 6.224  | 6.985  | 31281606 | 40223071 | 43.008   | 38.806     |
| 19)                         | B Endosulfa...  | 6.436  | 7.207  | 34262887 | 45709623 | 42.214   | 38.483     |
| 20)                         | A Methoxychlor  | 6.705  | 0.000  | 419530   | 0        | 1.183    | N.D. #     |
| 21)                         | B Endrin ke...  | 6.920  | 7.676  | 37552819 | 49720708 | 41.578   | 37.729     |
| 22)                         | Toxaphene-1     | 5.511  | 6.288  | 275530   | 52229727 | 49.252   | 7950.602 # |
| 23)                         | Toxaphene-2     | 5.707  | 0.000  | 388967   | 0        | 67.114   | N.D. #     |
| 24)                         | Toxaphene-3     | 5.998  | 6.985  | 274705   | 40223071 | 54.989   | 3280.908 # |
| 25)                         | Toxaphene-4     | 6.056  | 0.000  | 36732772 | 0        | 2428.685 | N.D. #     |
| 26)                         | Toxaphene-5     | 6.803  | 7.676  | 5215644  | 49720708 | 281.956  | 3028.550 # |
| -----                       |                 |        |        |          |          |          |            |

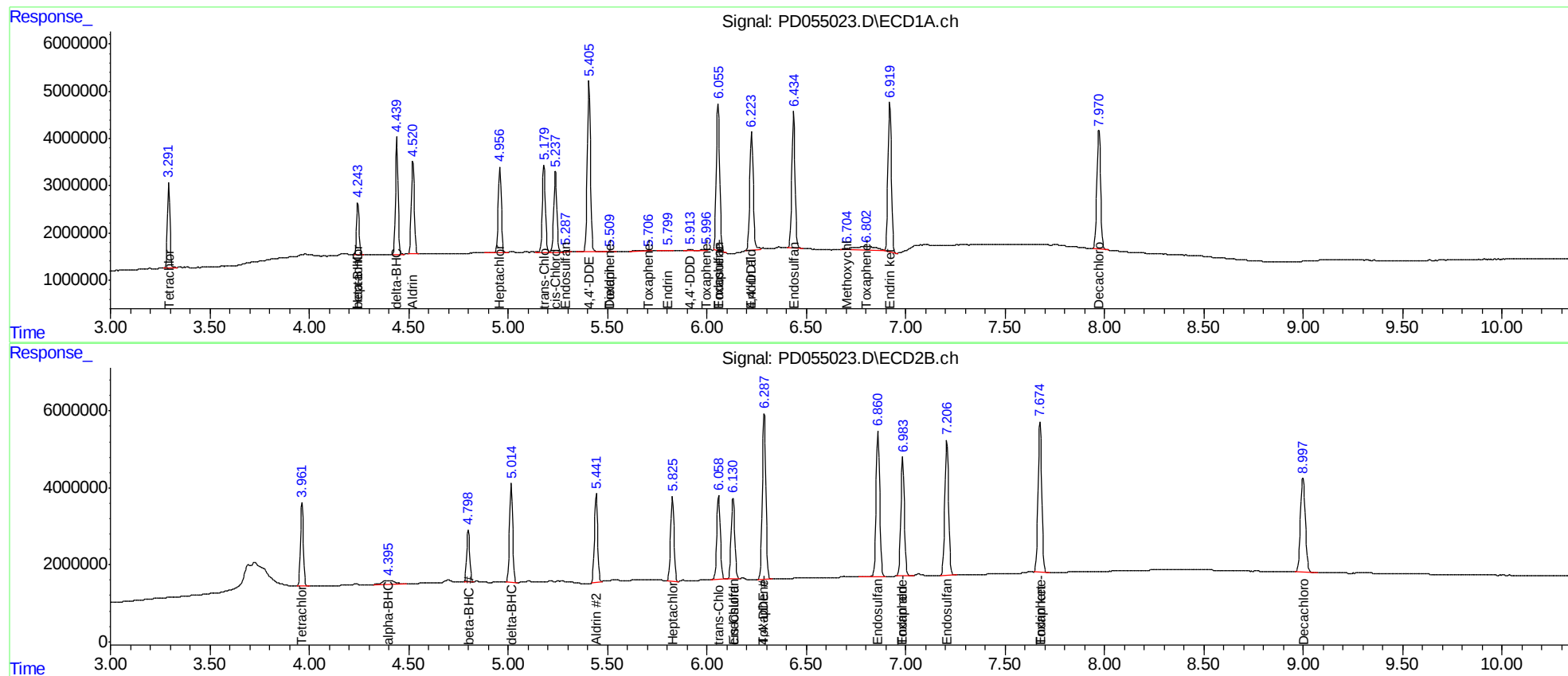
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

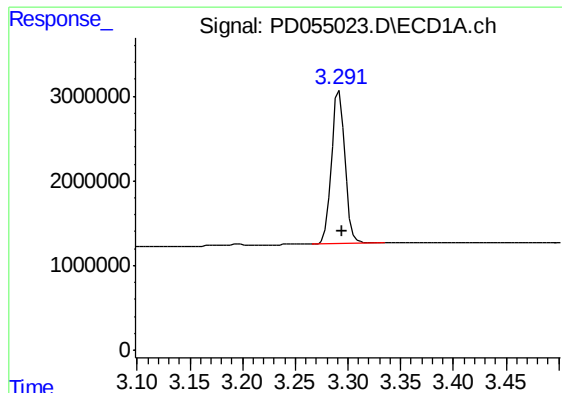
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092619\  
Data File : PD055023.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2019 23:57  
Operator : SG\AJ  
Sample : INDB311  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 01:37:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 24 07:21:19 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

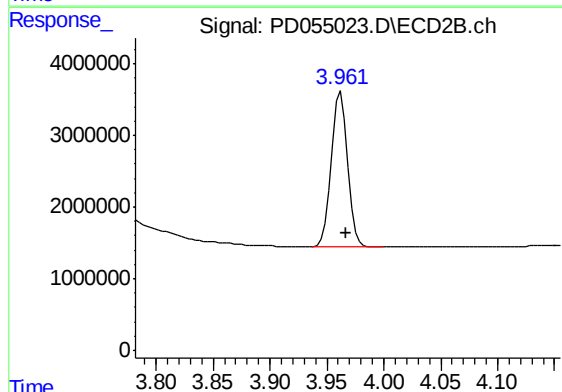




#1 Tetrachloro-m-xylene

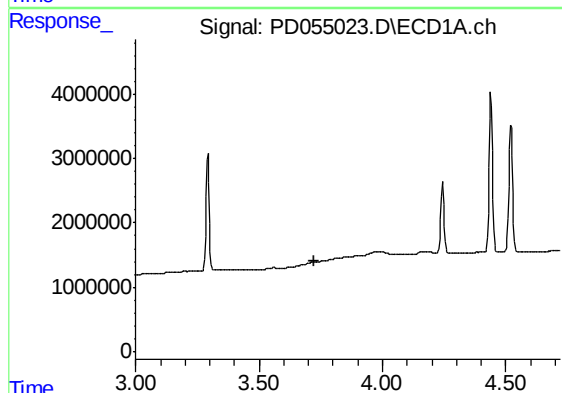
R.T.: 3.292 min  
Delta R.T.: -0.003 min  
Response: 16051222  
Conc: 21.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



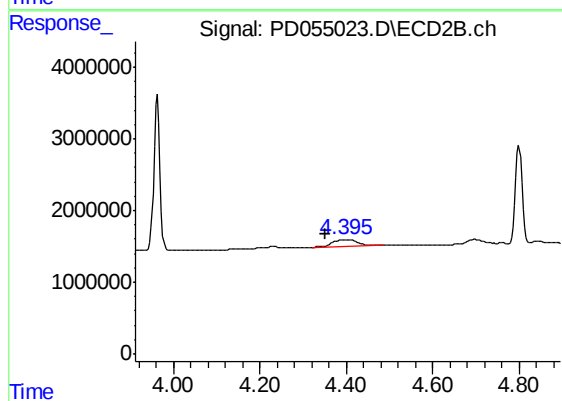
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: -0.004 min  
Response: 21241643  
Conc: 20.70 ng/ml



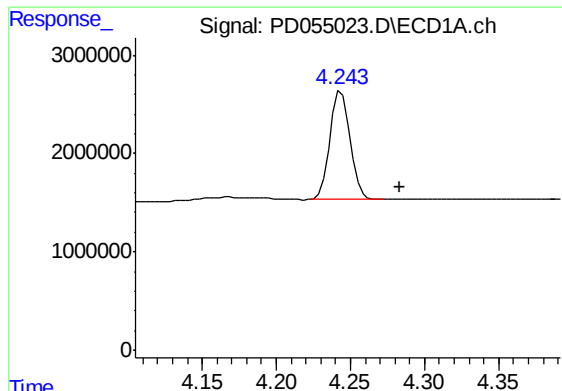
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.722 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

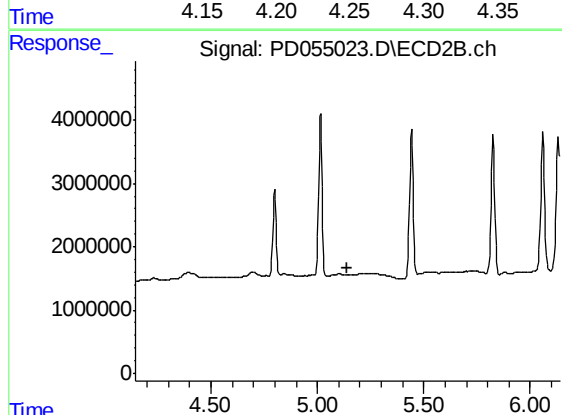
R.T.: 4.396 min  
Delta R.T.: 0.043 min  
Response: 3870112  
Conc: 2.68 ng/ml



#4 Heptachlor

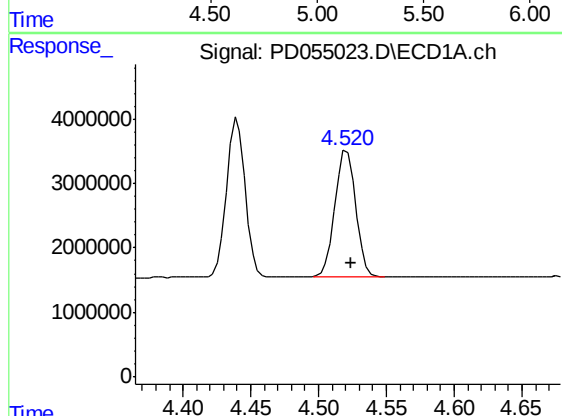
R.T.: 4.244 min  
Delta R.T.: -0.040 min  
Response: 10529667  
Conc: 11.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



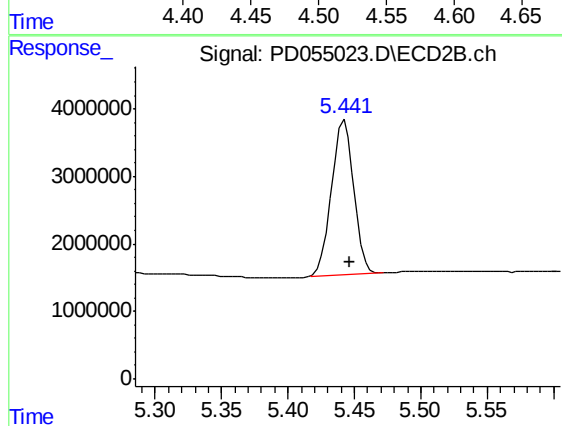
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.142 min  
Response: 0  
Conc: N.D.



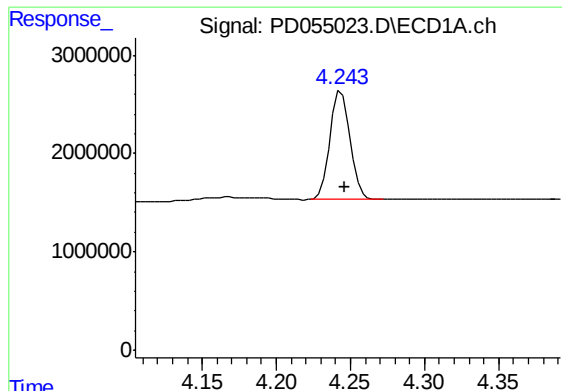
#5 Aldrin

R.T.: 4.521 min  
Delta R.T.: -0.003 min  
Response: 20537218  
Conc: 21.10 ng/ml



#5 Aldrin

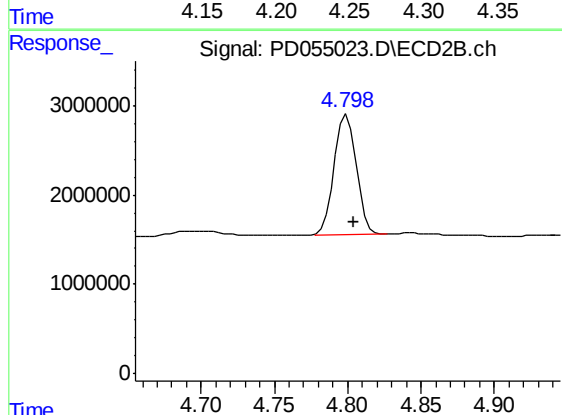
R.T.: 5.443 min  
Delta R.T.: -0.004 min  
Response: 26988822  
Conc: 20.41 ng/ml



#6 beta-BHC

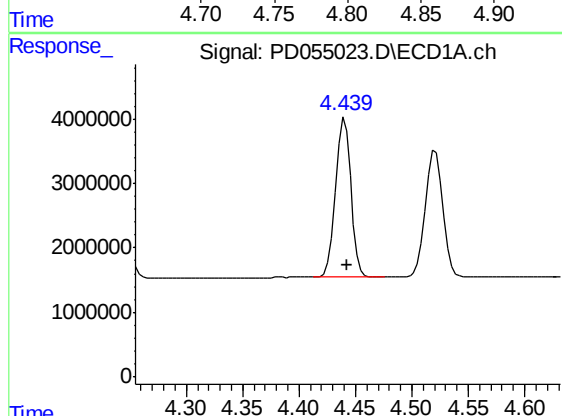
R.T.: 4.244 min  
Delta R.T.: -0.002 min  
Response: 10529667  
Conc: 22.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



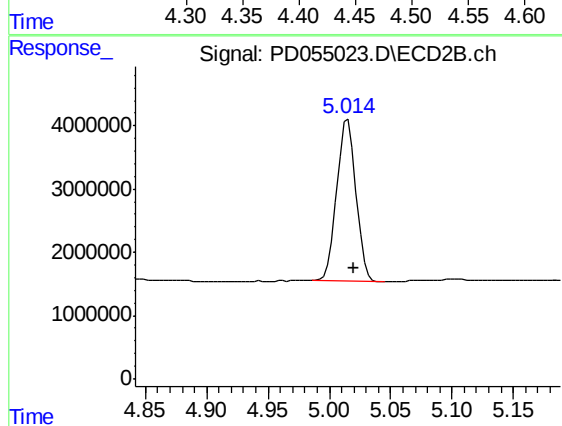
#6 beta-BHC

R.T.: 4.800 min  
Delta R.T.: -0.004 min  
Response: 14262470  
Conc: 21.39 ng/ml



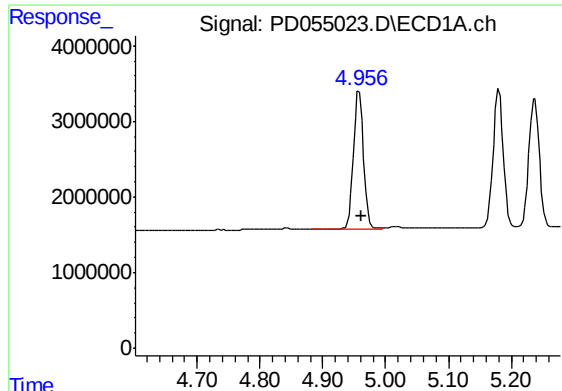
#7 delta-BHC

R.T.: 4.440 min  
Delta R.T.: -0.003 min  
Response: 23842053  
Conc: 22.28 ng/ml



#7 delta-BHC

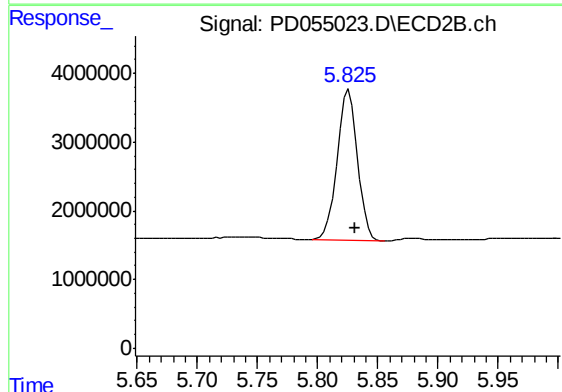
R.T.: 5.015 min  
Delta R.T.: -0.004 min  
Response: 27899854  
Conc: 19.22 ng/ml



#8 Heptachlor epoxide

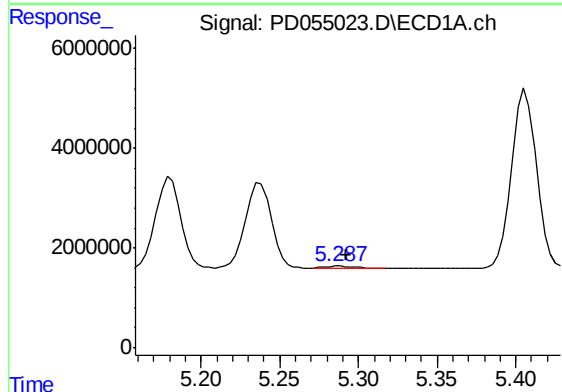
R.T.: 4.958 min  
Delta R.T.: -0.003 min  
Response: 20029251  
Conc: 21.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



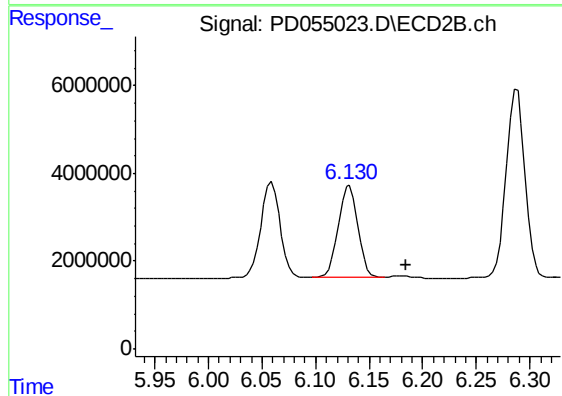
#8 Heptachlor epoxide

R.T.: 5.826 min  
Delta R.T.: -0.005 min  
Response: 25977788  
Conc: 19.75 ng/ml



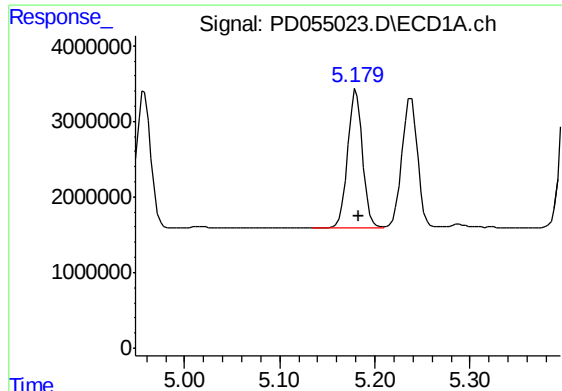
#9 Endosulfan I

R.T.: 5.289 min  
Delta R.T.: -0.003 min  
Response: 563288  
Conc: 0.63 ng/ml



#9 Endosulfan I

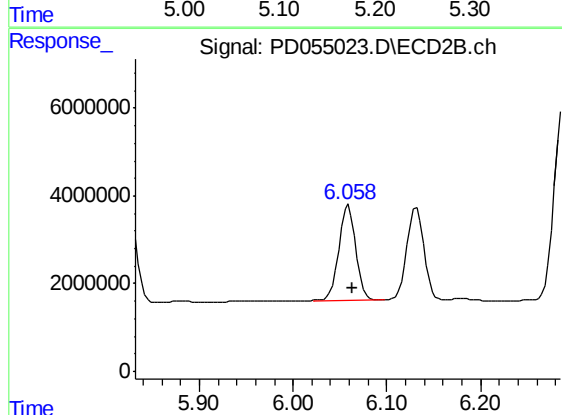
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 26530051  
Conc: 21.03 ng/ml



#10 trans-Chlordane

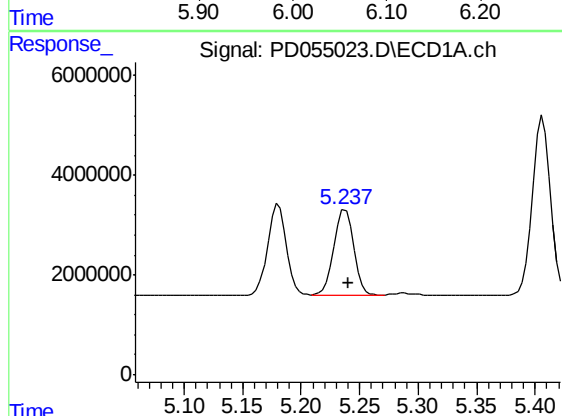
R.T.: 5.181 min  
Delta R.T.: -0.003 min  
Response: 20564382  
Conc: 21.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



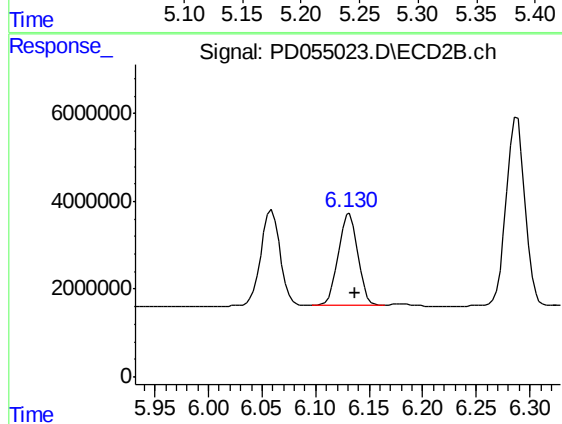
#10 trans-Chlordane

R.T.: 6.059 min  
Delta R.T.: -0.004 min  
Response: 27252553  
Conc: 20.11 ng/ml



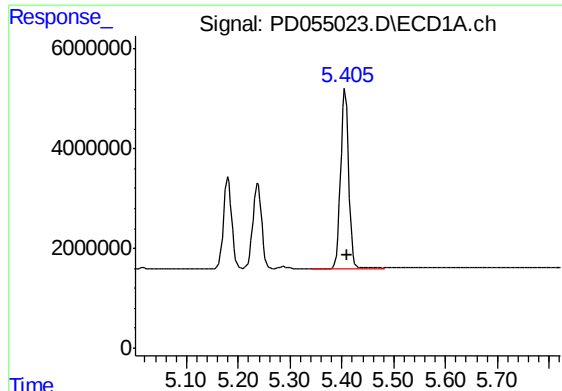
#11 cis-Chlordane

R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 19930523  
Conc: 21.78 ng/ml



#11 cis-Chlordane

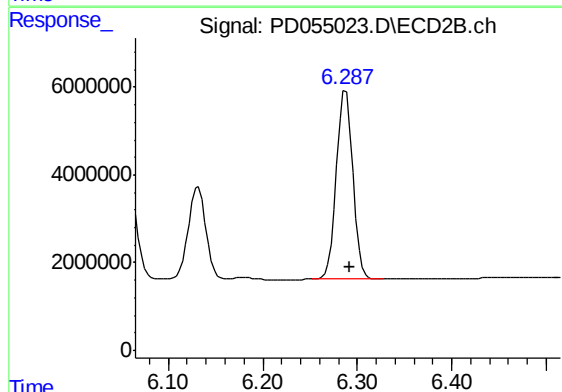
R.T.: 6.132 min  
Delta R.T.: -0.005 min  
Response: 26530051  
Conc: 20.14 ng/ml



#12 4,4'-DDE

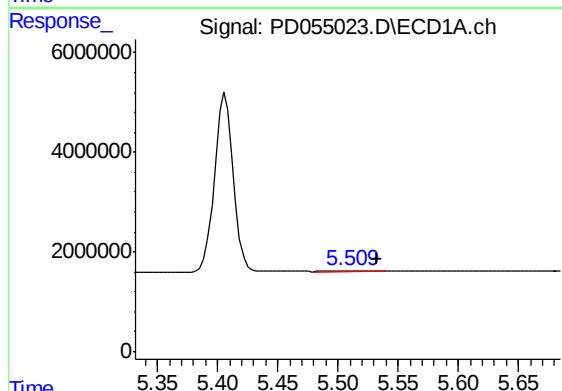
R.T.: 5.406 min  
Delta R.T.: -0.004 min  
Response: 39401782  
Conc: 43.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



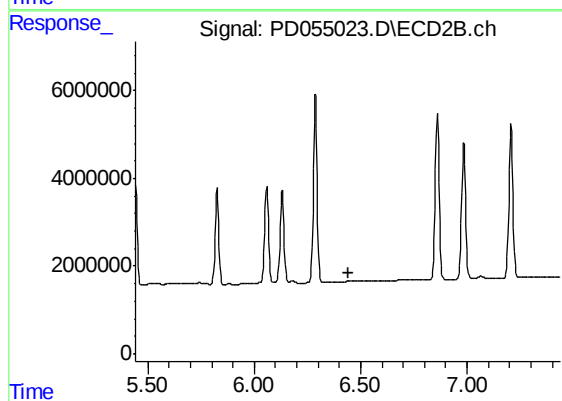
#12 4,4'-DDE

R.T.: 6.288 min  
Delta R.T.: -0.005 min  
Response: 52229727  
Conc: 40.35 ng/ml



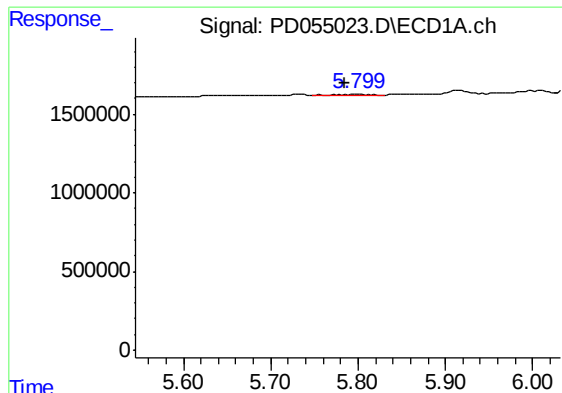
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: -0.021 min  
Response: 275530  
Conc: 0.28 ng/ml



#13 Dieldrin

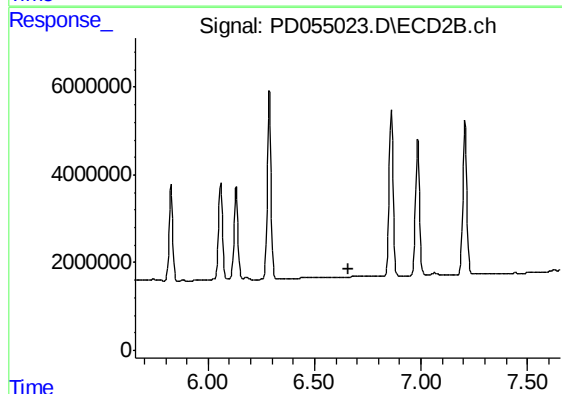
R.T.: 0.000 min  
Exp R.T. : 6.441 min  
Response: 0  
Conc: N.D.



#14 Endrin

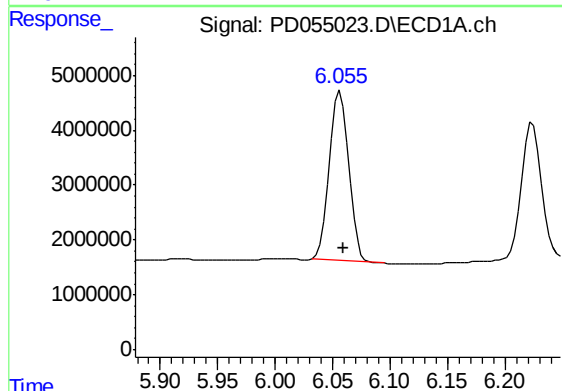
R.T.: 5.800 min  
Delta R.T.: 0.015 min  
Response: 216653  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



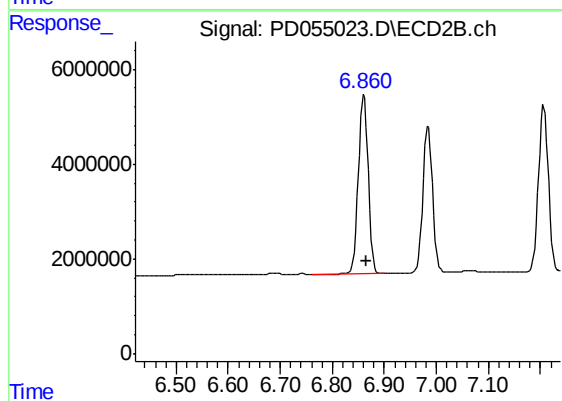
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.658 min  
Response: 0  
Conc: N.D.



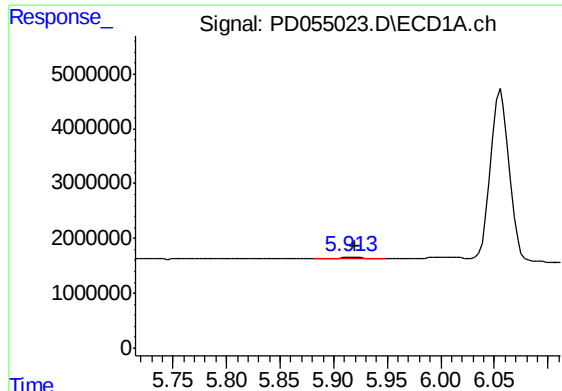
#15 Endosulfan II

R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 36732772  
Conc: 42.17 ng/ml



#15 Endosulfan II

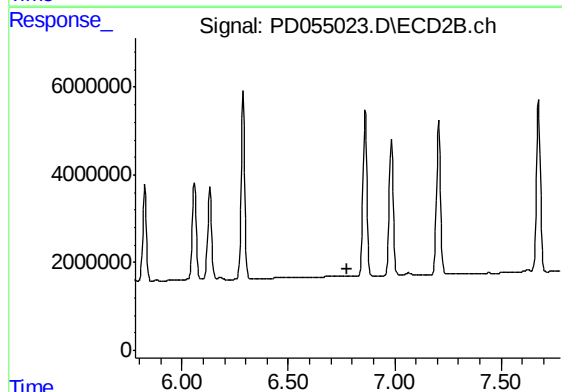
R.T.: 6.861 min  
Delta R.T.: -0.005 min  
Response: 48709884  
Conc: 38.30 ng/ml



#16 4,4'-DDD

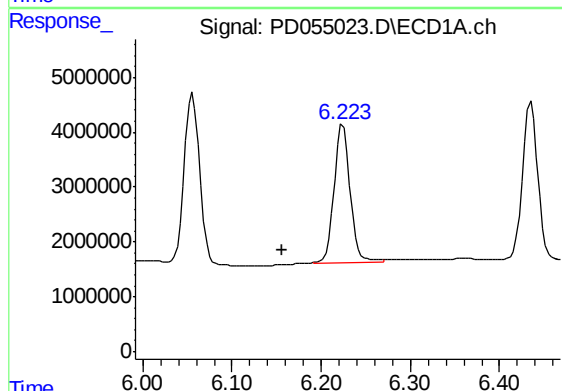
R.T.: 5.915 min  
Delta R.T.: -0.005 min  
Response: 446078  
Conc: 0.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



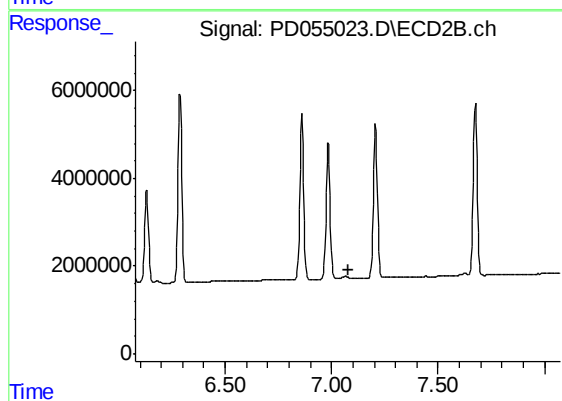
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.780 min  
Response: 0  
Conc: N.D.



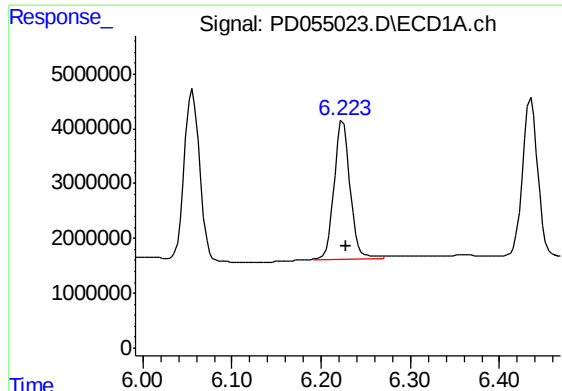
#17 4,4'-DDT

R.T.: 6.224 min  
Delta R.T.: 0.068 min  
Response: 31281606  
Conc: 46.93 ng/ml



#17 4,4'-DDT

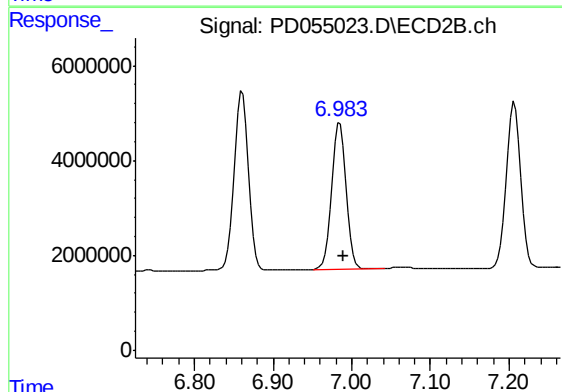
R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

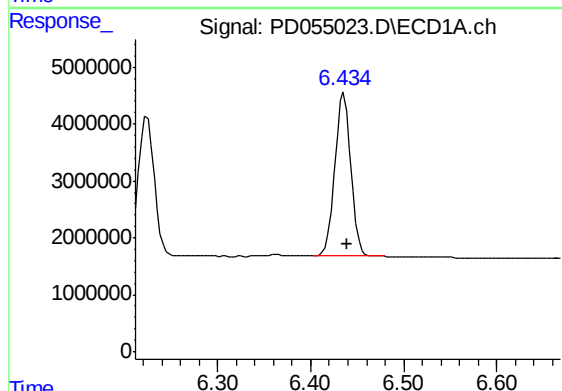
R.T.: 6.224 min  
Delta R.T.: -0.004 min  
Response: 31281606  
Conc: 43.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



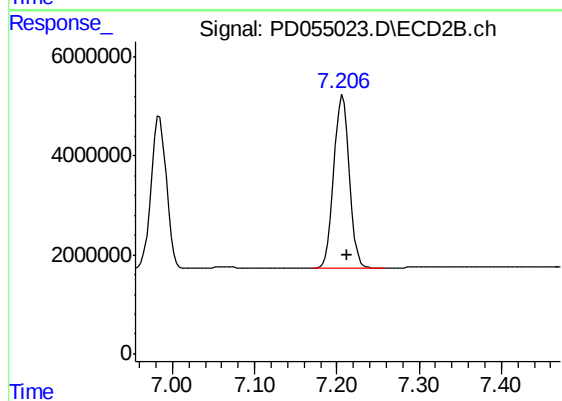
#18 Endrin aldehyde

R.T.: 6.985 min  
Delta R.T.: -0.004 min  
Response: 40223071  
Conc: 38.81 ng/ml



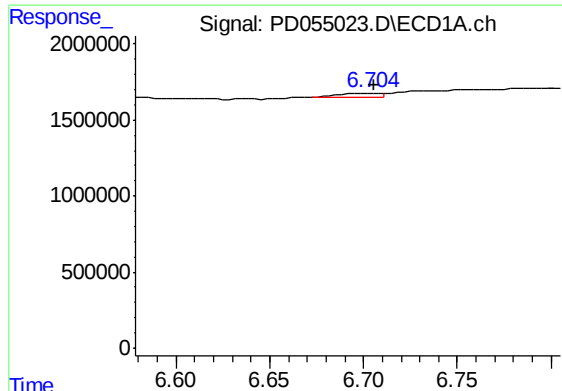
#19 Endosulfan Sulfate

R.T.: 6.436 min  
Delta R.T.: -0.003 min  
Response: 34262887  
Conc: 42.21 ng/ml



#19 Endosulfan Sulfate

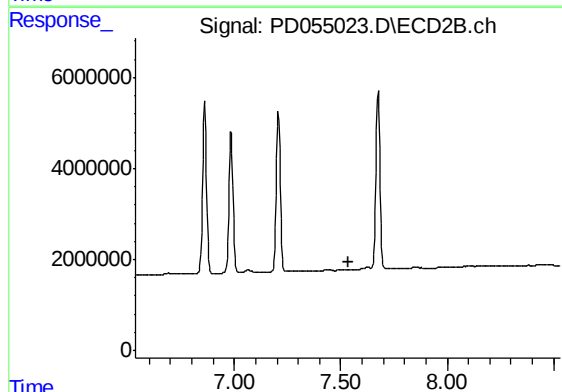
R.T.: 7.207 min  
Delta R.T.: -0.005 min  
Response: 45709623  
Conc: 38.48 ng/ml



#20 Methoxychlor

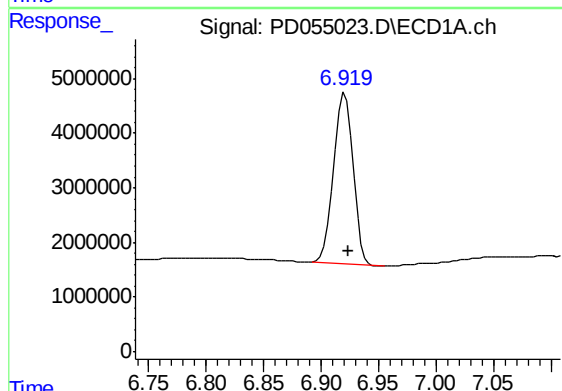
R.T.: 6.705 min  
Delta R.T.: -0.001 min  
Response: 419530  
Conc: 1.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



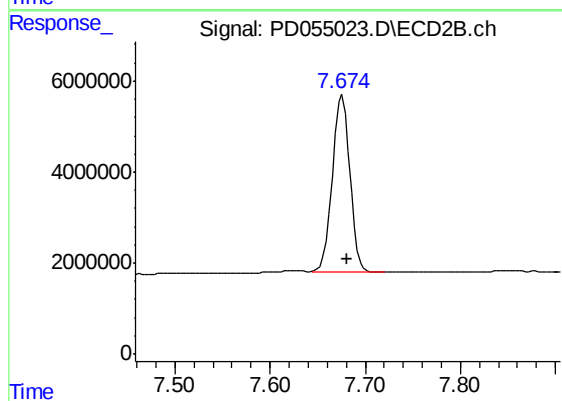
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.535 min  
Response: 0  
Conc: N.D.



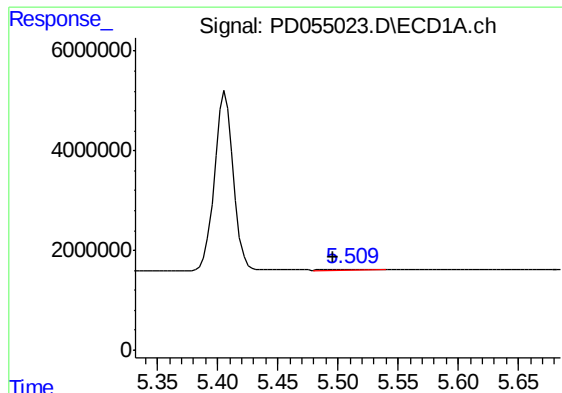
#21 Endrin ketone

R.T.: 6.920 min  
Delta R.T.: -0.004 min  
Response: 37552819  
Conc: 41.58 ng/ml



#21 Endrin ketone

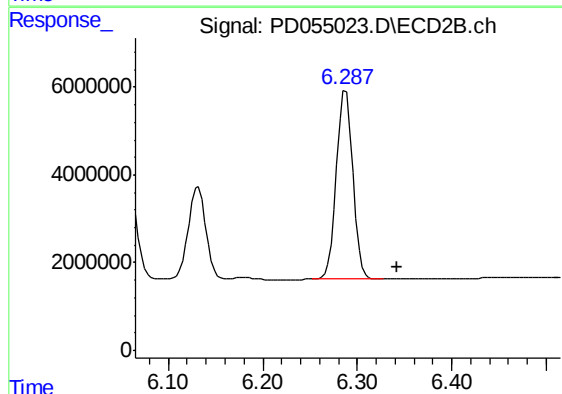
R.T.: 7.676 min  
Delta R.T.: -0.005 min  
Response: 49720708  
Conc: 37.73 ng/ml



#22 Toxaphene-1

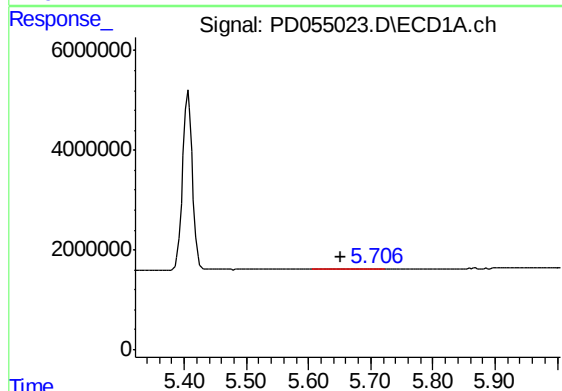
R.T.: 5.511 min  
Delta R.T.: 0.014 min  
Response: 275530  
Conc: 49.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



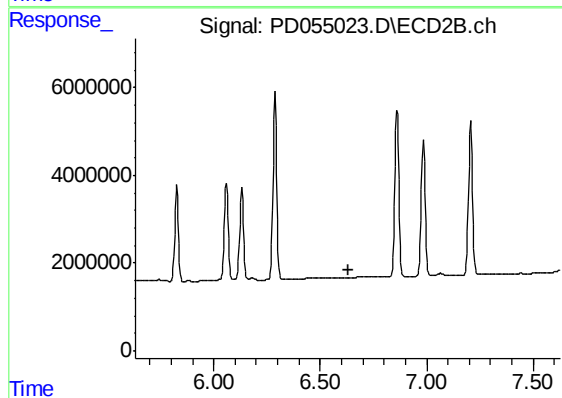
#22 Toxaphene-1

R.T.: 6.288 min  
Delta R.T.: -0.054 min  
Response: 52229727  
Conc: 7950.60 ng/ml



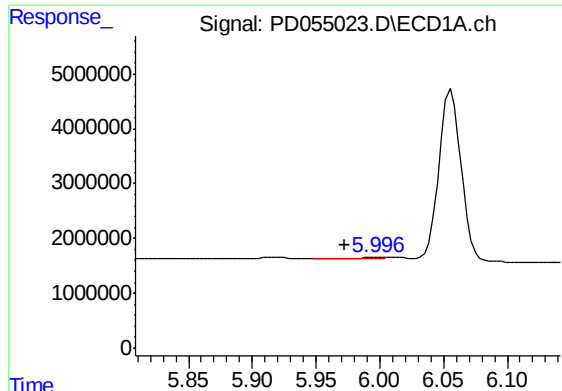
#23 Toxaphene-2

R.T.: 5.707 min  
Delta R.T.: 0.055 min  
Response: 388967  
Conc: 67.11 ng/ml



#23 Toxaphene-2

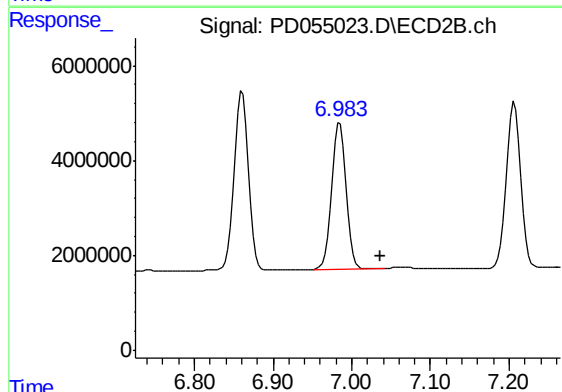
R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

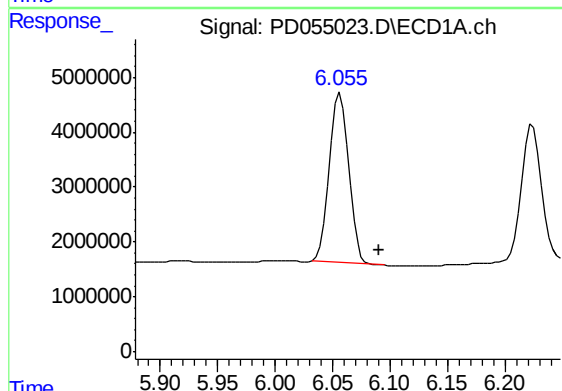
R.T.: 5.998 min  
Delta R.T.: 0.026 min  
Response: 274705  
Conc: 54.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



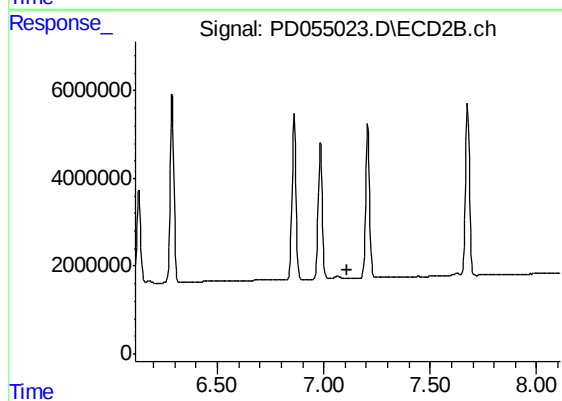
#24 Toxaphene-3

R.T.: 6.985 min  
Delta R.T.: -0.051 min  
Response: 40223071  
Conc: 3280.91 ng/ml



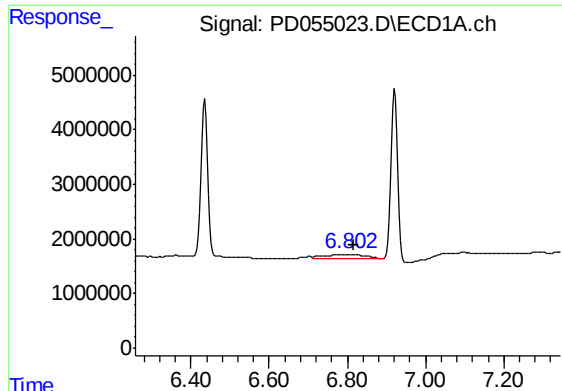
#25 Toxaphene-4

R.T.: 6.056 min  
Delta R.T.: -0.035 min  
Response: 36732772  
Conc: 2428.69 ng/ml



#25 Toxaphene-4

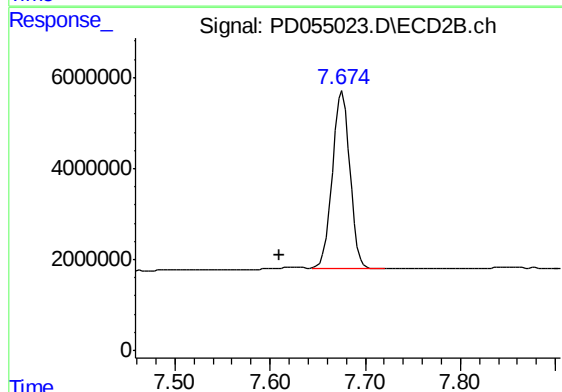
R.T.: 0.000 min  
Exp R.T. : 7.112 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

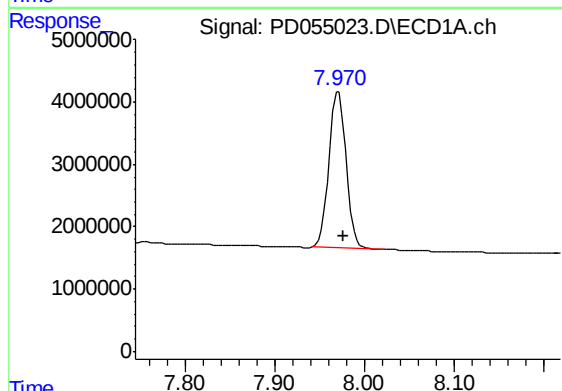
R.T.: 6.803 min  
Delta R.T.: -0.013 min  
Response: 5215644  
Conc: 281.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB311



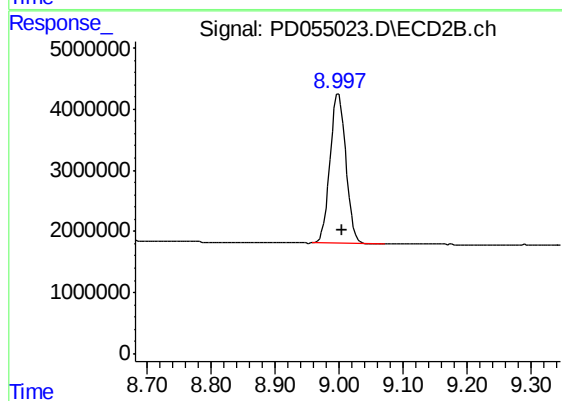
#26 Toxaphene-5

R.T.: 7.676 min  
Delta R.T.: 0.066 min  
Response: 49720708  
Conc: 3028.55 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.971 min  
Delta R.T.: -0.006 min  
Response: 33528718  
Conc: 39.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.006 min  
Response: 41994691  
Conc: 36.04 ng/ml