

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
 Data File : PD055461.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2019 11:19  
 Operator : SG\AJ  
 Sample : INDB325  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB326

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 23:16:05 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 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... | 3.290  | 3.963 | 19241196 | 27665645 | 21.581   | 20.549   |
| 27)                         | SA Decachlor... | 7.965  | 9.001 | 32363975 | 25492035 | 35.344   | 19.537 # |
| Target Compounds            |                 |        |       |          |          |          |          |
| 4)                          | MA Heptachlor   | 4.242f | 0.000 | 6019004  | 0        | 6.615    | N.D. #   |
| 5)                          | MB Aldrin       | 4.518  | 5.441 | 23224772 | 35570707 | 21.834   | 20.456   |
| 6)                          | B beta-BHC      | 4.242  | 4.800 | 6019004  | 17526789 | 11.323   | 19.822 # |
| 7)                          | B delta-BHC     | 4.438  | 5.016 | 26456926 | 36340348 | 21.600   | 19.152   |
| 8)                          | B Heptachlo...  | 4.954  | 5.825 | 22064017 | 37408877 | 21.871   | 21.908   |
| 9)                          | A Endosulfan I  | 5.233f | 6.179 | 21910685 | 2517611  | 22.795   | 1.536 #  |
| 10)                         | B trans-Chl...  | 5.177  | 6.059 | 22803977 | 37364336 | 22.056   | 21.215   |
| 11)                         | B cis-Chlor...  | 5.233  | 6.131 | 21910685 | 38262766 | 21.809   | 22.256   |
| 12)                         | B 4,4'-DDE      | 5.402  | 6.287 | 44843998 | 64425412 | 43.997   | 38.209   |
| 14)                         | MA Endrin       | 0.000  | 6.655 | 0        | 3424180  | N.D.     | 2.451    |
| 15)                         | B Endosulfa...  | 6.052  | 6.860 | 38992044 | 57120319 | 40.731   | 36.741   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.807 | 0        | 4837940  | N.D.     | 3.382    |
| 17)                         | MA 4,4'-DDT     | 6.220f | 0.000 | 32403259 | 0        | 47.793   | N.D. #   |
| 18)                         | B Endrin al...  | 6.220  | 6.983 | 32403259 | 46345220 | 39.934   | 35.011   |
| 19)                         | B Endosulfa...  | 6.430  | 7.207 | 36253097 | 50725546 | 40.670   | 34.024   |
| 20)                         | A Methoxychlor  | 0.000  | 7.533 | 0        | 1488244  | N.D.     | 1.930    |
| 21)                         | B Endrin ke...  | 6.916  | 7.675 | 38912817 | 60629658 | 39.813   | 37.855   |
| 22)                         | Toxaphene-1     | 0.000  | 6.287 | 0        | 64425412 | N.D.     | 8250.492 |
| 23)                         | Toxaphene-2     | 0.000  | 6.655 | 0        | 3424180  | N.D.     | 351.581  |
| 24)                         | Toxaphene-3     | 0.000  | 6.983 | 0        | 46345220 | N.D.     | 3416.999 |
| 25)                         | Toxaphene-4     | 6.052  | 0.000 | 38992044 | 0        | 2552.907 | N.D. #   |
| 26)                         | Toxaphene-5     | 0.000  | 7.675 | 0        | 60629658 | N.D.     | 3341.265 |
| -----                       |                 |        |       |          |          |          |          |

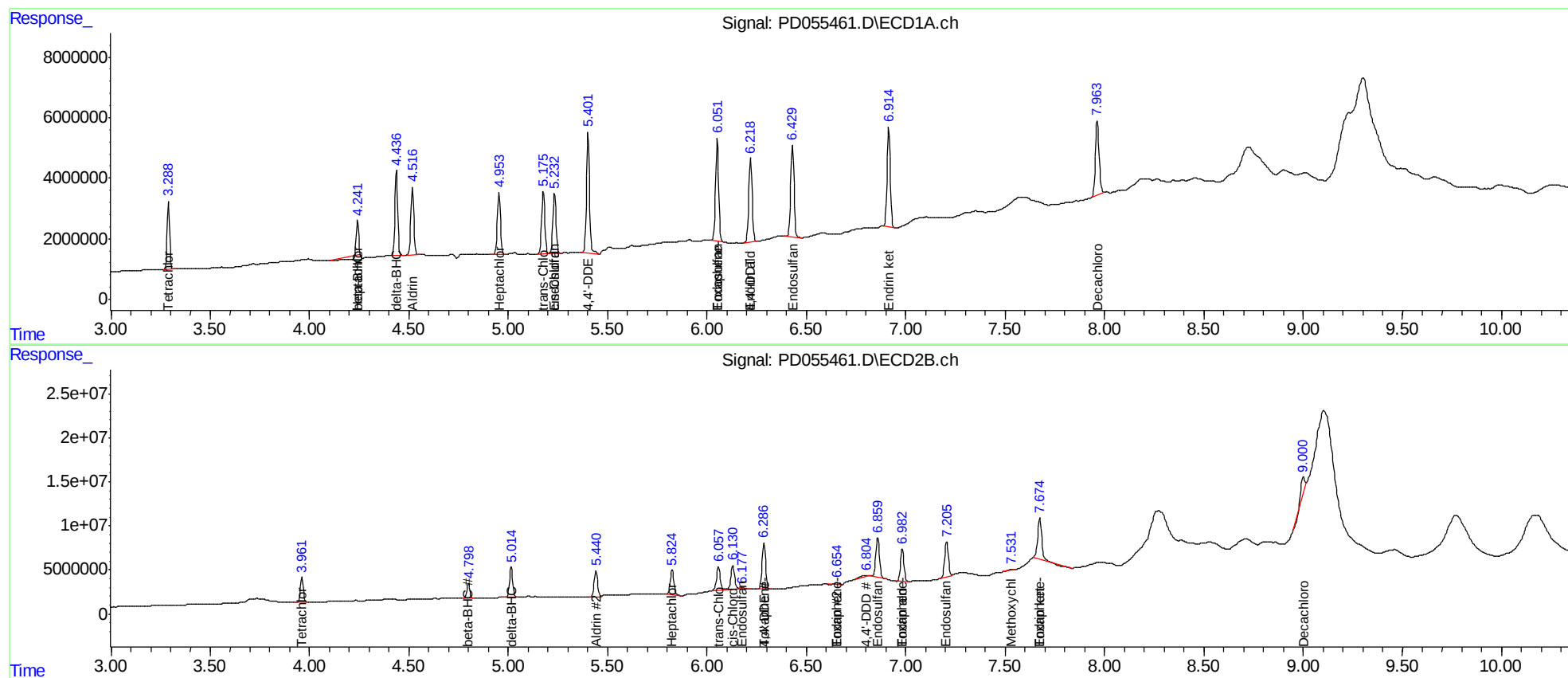
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

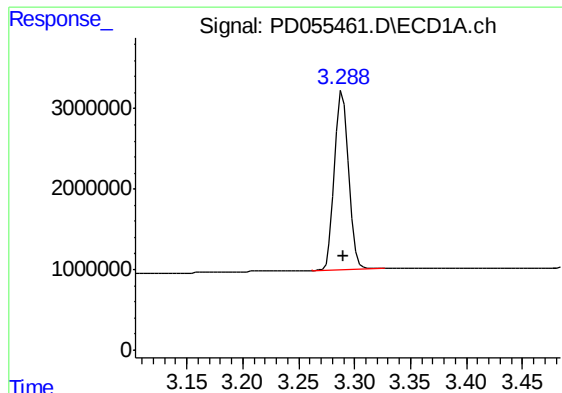
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
Data File : PD055461.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2019 11:19  
Operator : SG\AJ  
Sample : INDB325  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
INDB326

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 23:16:05 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
Response via : Initial Calibration  
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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

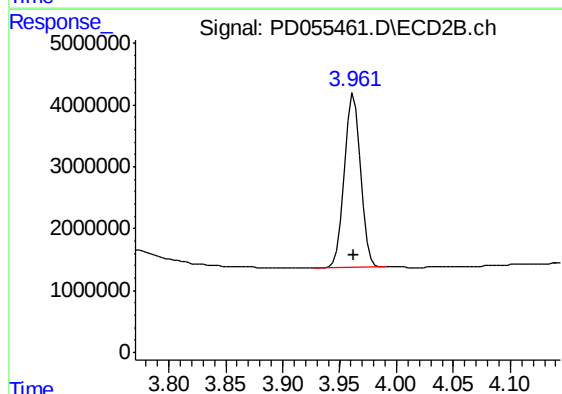




#1 Tetrachloro-m-xylene

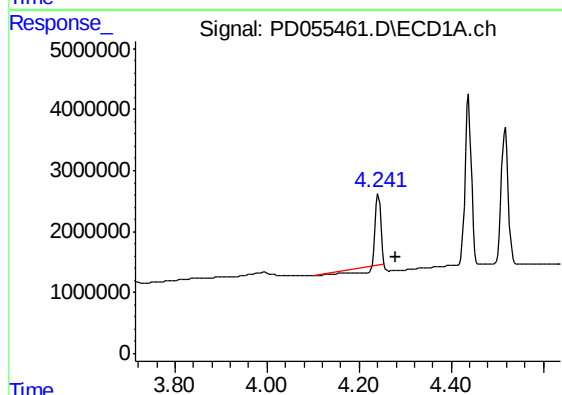
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 19241196  
Conc: 21.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



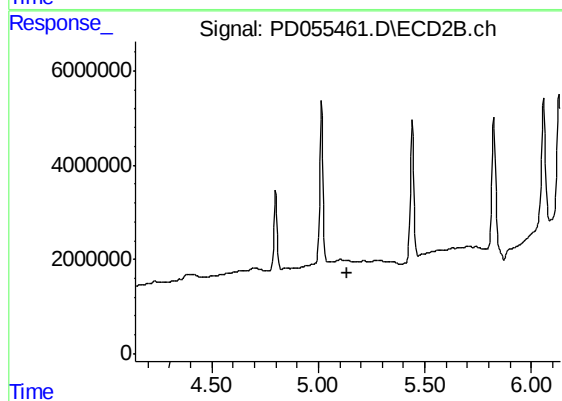
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 27665645  
Conc: 20.55 ng/ml



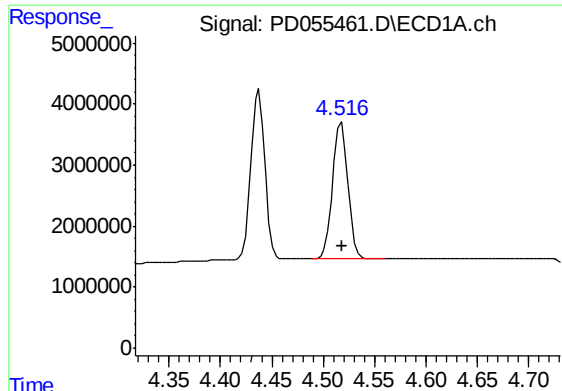
#4 Heptachlor

R.T.: 4.242 min  
Delta R.T.: -0.037 min  
Response: 6019004  
Conc: 6.61 ng/ml



#4 Heptachlor

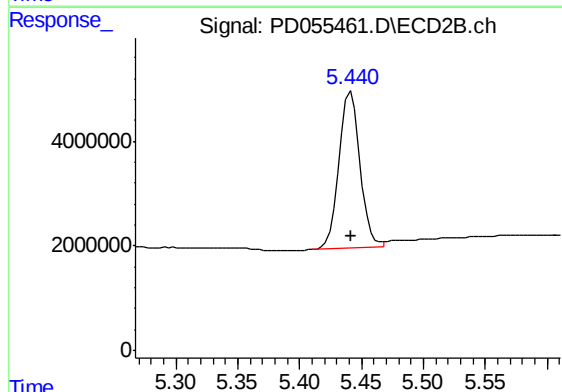
R.T.: 0.000 min  
Exp R.T. : 5.139 min  
Response: 0  
Conc: N.D.



#5 Aldrin

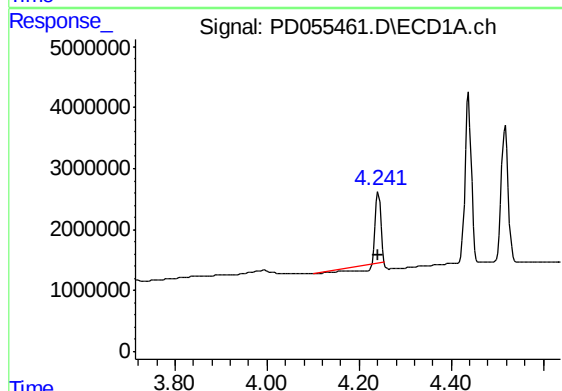
R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 23224772  
Conc: 21.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



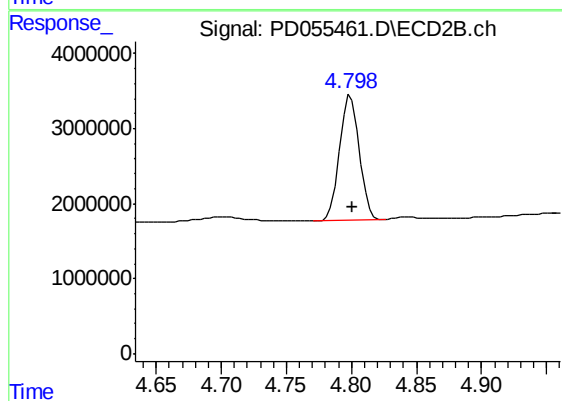
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 35570707  
Conc: 20.46 ng/ml



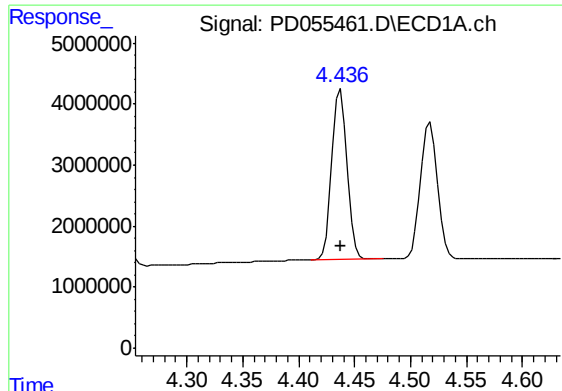
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 6019004  
Conc: 11.32 ng/ml



#6 beta-BHC

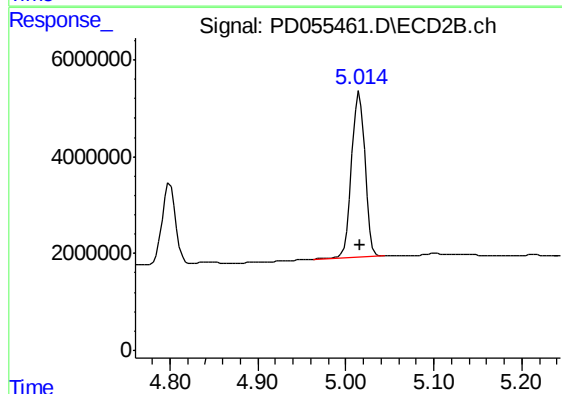
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 17526789  
Conc: 19.82 ng/ml



#7 delta-BHC

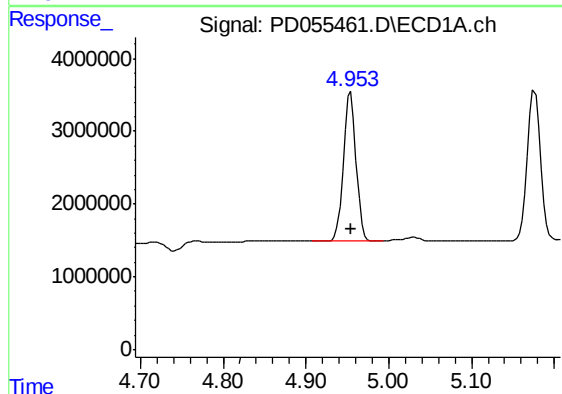
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 26456926  
Conc: 21.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



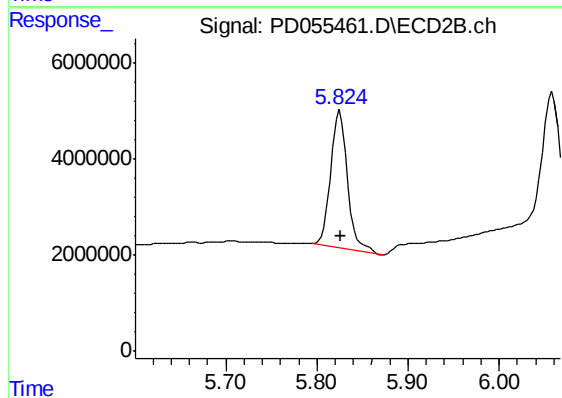
#7 delta-BHC

R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 36340348  
Conc: 19.15 ng/ml



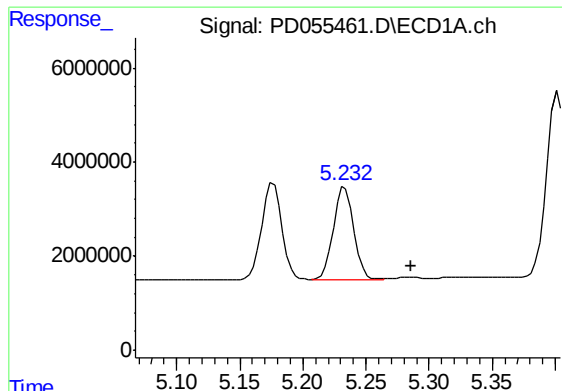
#8 Heptachlor epoxide

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 22064017  
Conc: 21.87 ng/ml



#8 Heptachlor epoxide

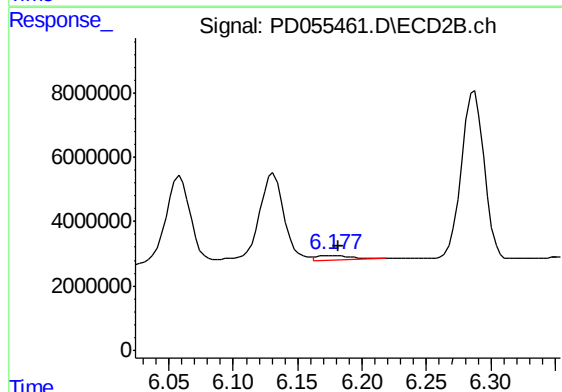
R.T.: 5.825 min  
Delta R.T.: -0.001 min  
Response: 37408877  
Conc: 21.91 ng/ml



#9 Endosulfan I

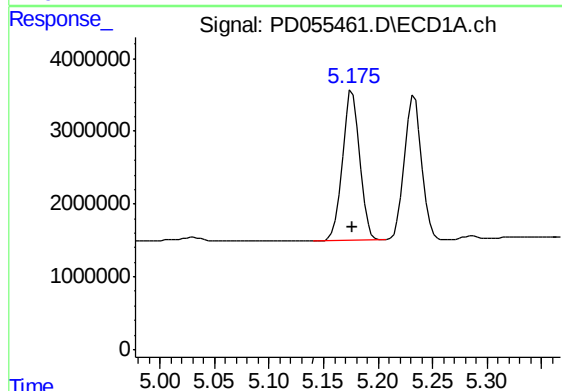
R.T.: 5.233 min  
Delta R.T.: -0.053 min  
Response: 21910685  
Conc: 22.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



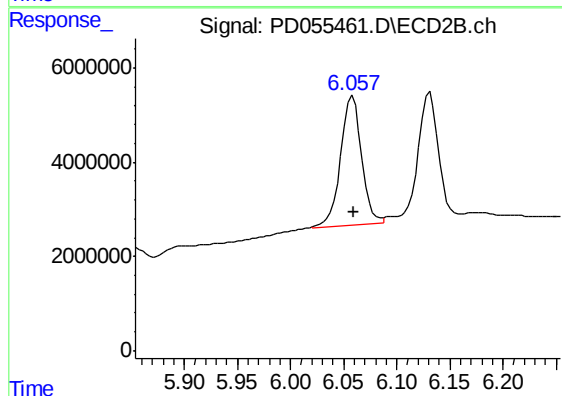
#9 Endosulfan I

R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 2517611  
Conc: 1.54 ng/ml



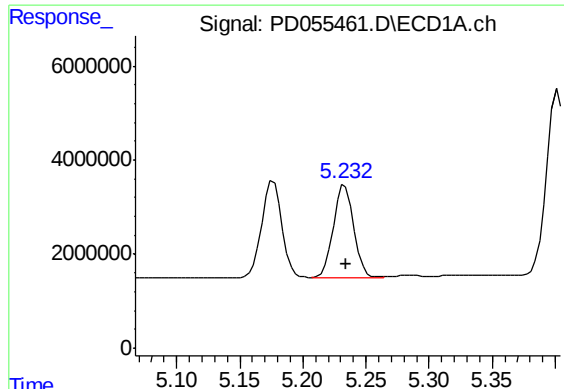
#10 trans-Chlordane

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 22803977  
Conc: 22.06 ng/ml



#10 trans-Chlordane

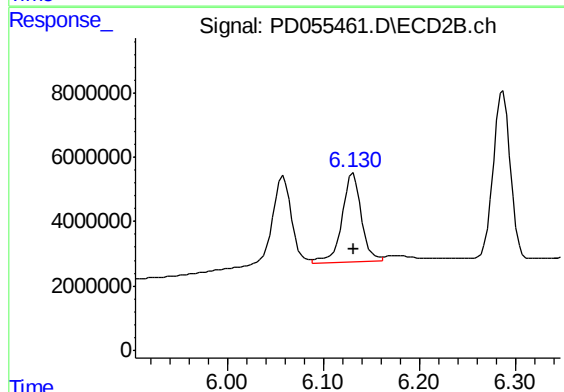
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 37364336  
Conc: 21.21 ng/ml



#11 cis-Chlordane

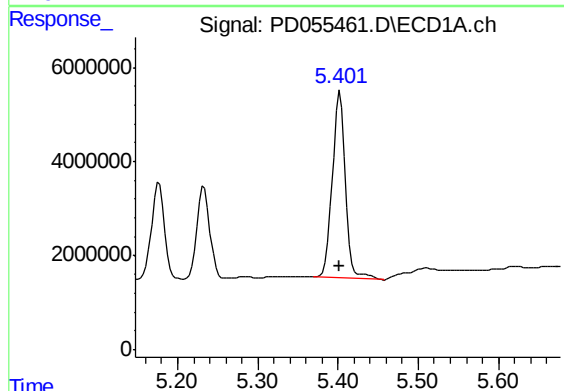
R.T.: 5.233 min  
Delta R.T.: -0.001 min  
Response: 21910685  
Conc: 21.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



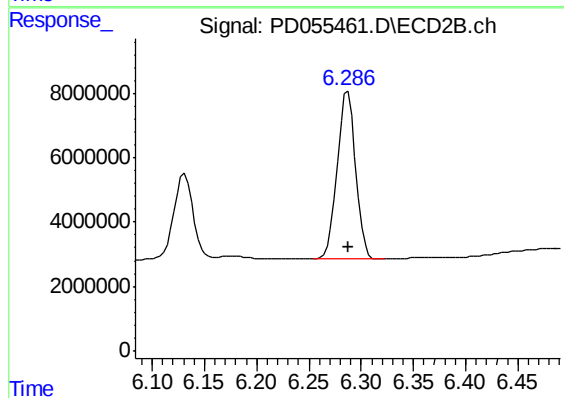
#11 cis-Chlordane

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 38262766  
Conc: 22.26 ng/ml



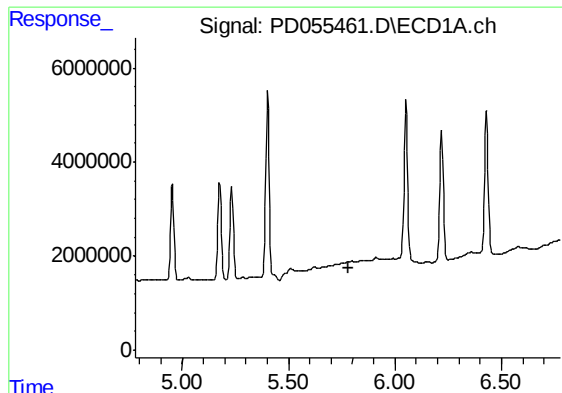
#12 4,4'-DDE

R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 44843998  
Conc: 44.00 ng/ml



#12 4,4'-DDE

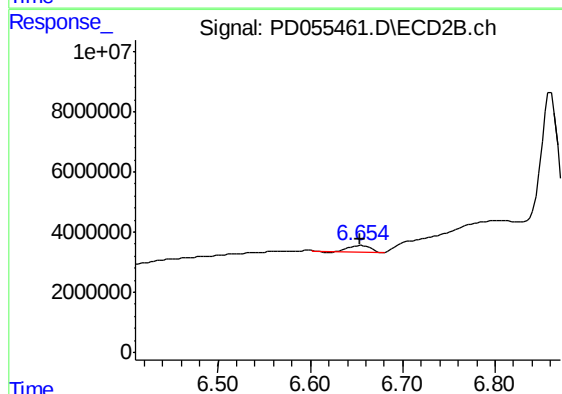
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 64425412  
Conc: 38.21 ng/ml



#14 Endrin

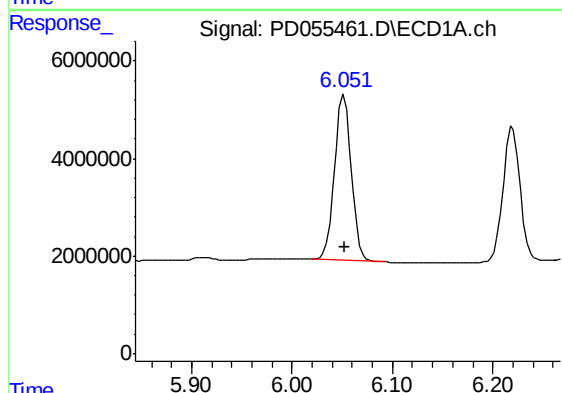
R.T.: 0.000 min  
Exp R.T.: 5.780 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



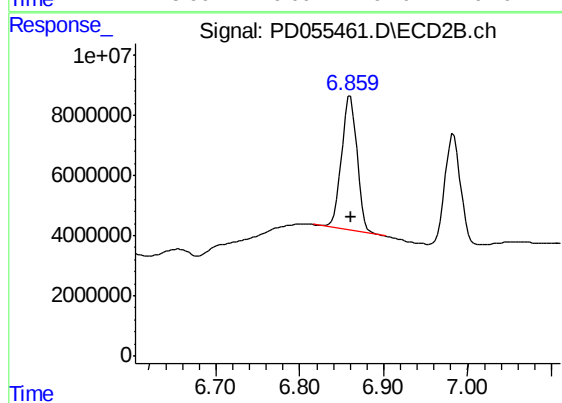
#14 Endrin

R.T.: 6.655 min  
Delta R.T.: 0.002 min  
Response: 3424180  
Conc: 2.45 ng/ml



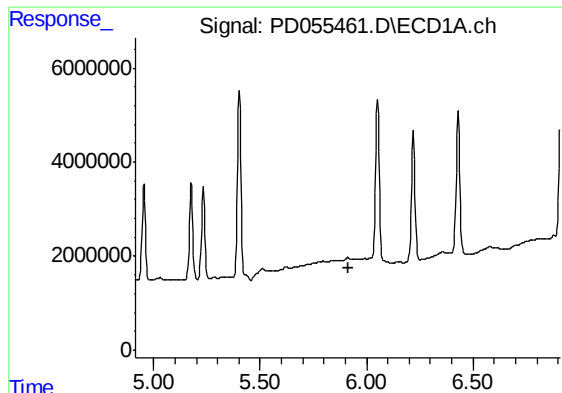
#15 Endosulfan II

R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 38992044  
Conc: 40.73 ng/ml



#15 Endosulfan II

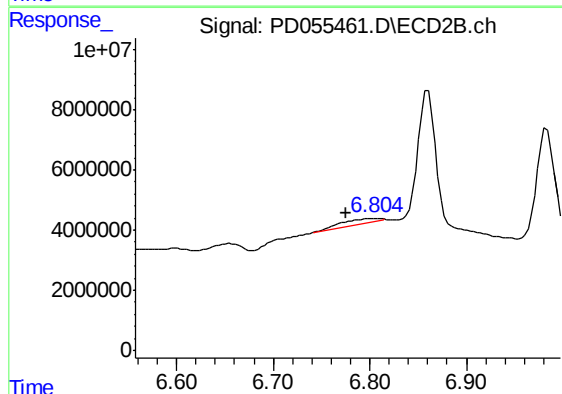
R.T.: 6.860 min  
Delta R.T.: -0.001 min  
Response: 57120319  
Conc: 36.74 ng/ml



#16 4,4'-DDD

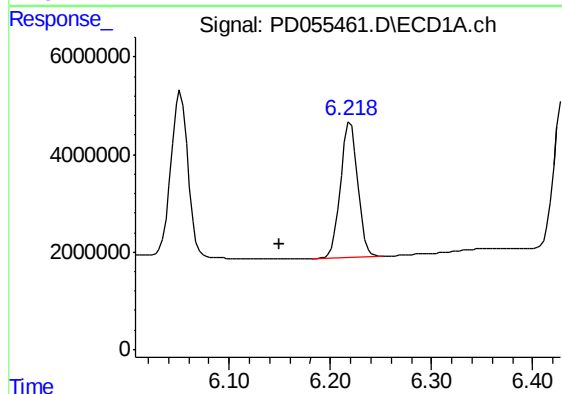
R.T.: 0.000 min  
Exp R.T. : 5.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



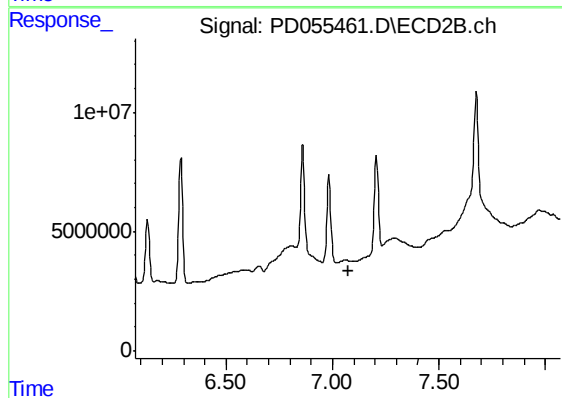
#16 4,4'-DDD

R.T.: 6.807 min  
Delta R.T.: 0.031 min  
Response: 4837940  
Conc: 3.38 ng/ml



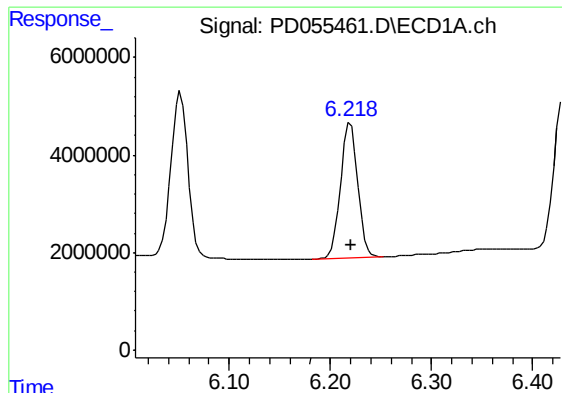
#17 4,4'-DDT

R.T.: 6.220 min  
Delta R.T.: 0.070 min  
Response: 32403259  
Conc: 47.79 ng/ml



#17 4,4'-DDT

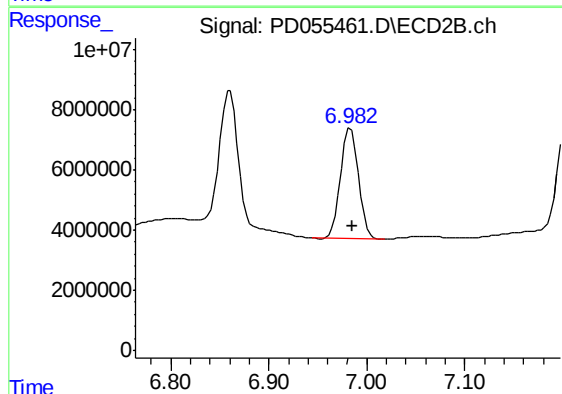
R.T.: 0.000 min  
Exp R.T. : 7.074 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

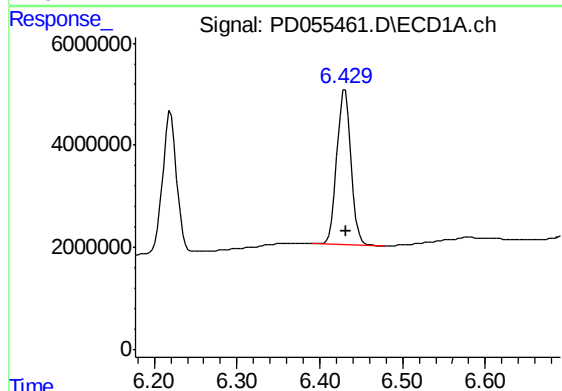
R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 32403259  
Conc: 39.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



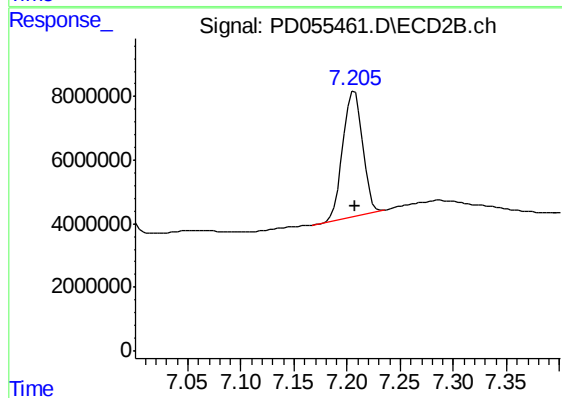
#18 Endrin aldehyde

R.T.: 6.983 min  
Delta R.T.: -0.002 min  
Response: 46345220  
Conc: 35.01 ng/ml



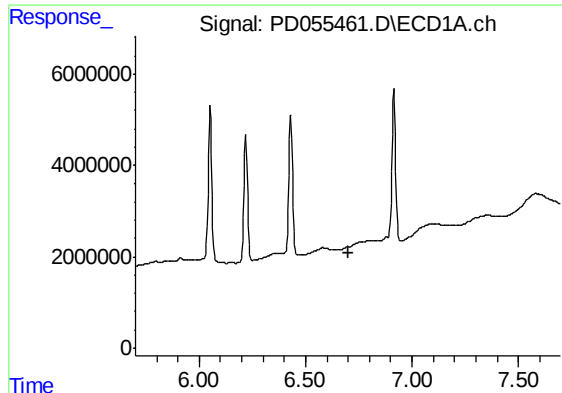
#19 Endosulfan Sulfate

R.T.: 6.430 min  
Delta R.T.: -0.001 min  
Response: 36253097  
Conc: 40.67 ng/ml



#19 Endosulfan Sulfate

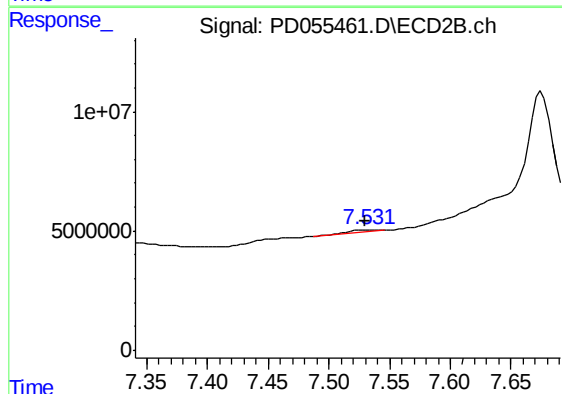
R.T.: 7.207 min  
Delta R.T.: -0.001 min  
Response: 50725546  
Conc: 34.02 ng/ml



#20 Methoxychlor

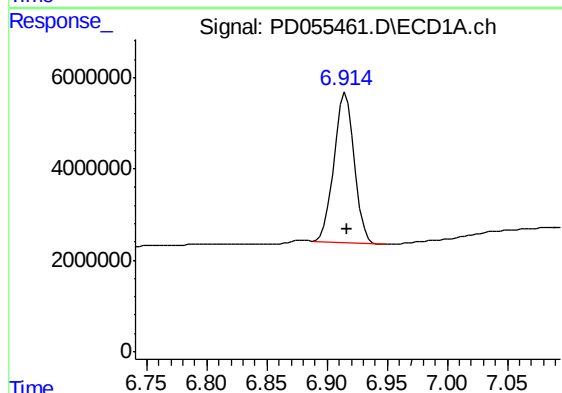
R.T.: 0.000 min  
Exp R.T.: 6.699 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



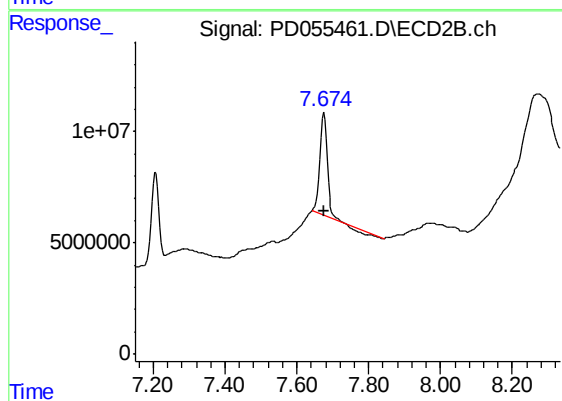
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.002 min  
Response: 1488244  
Conc: 1.93 ng/ml



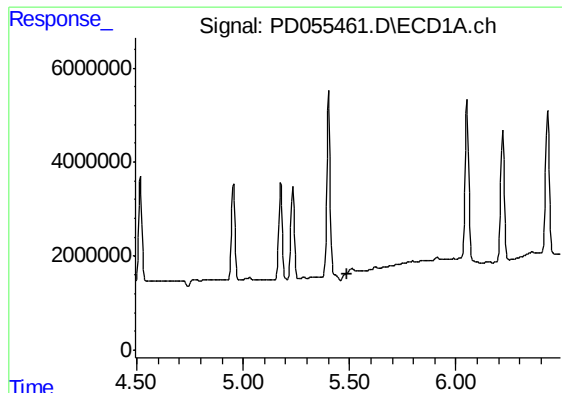
#21 Endrin ketone

R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 38912817  
Conc: 39.81 ng/ml



#21 Endrin ketone

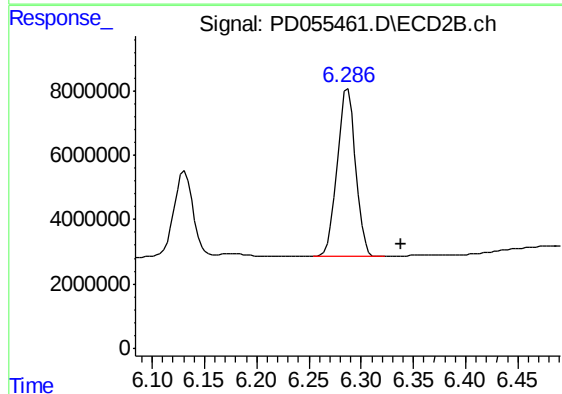
R.T.: 7.675 min  
Delta R.T.: 0.000 min  
Response: 60629658  
Conc: 37.86 ng/ml



#22 Toxaphene-1

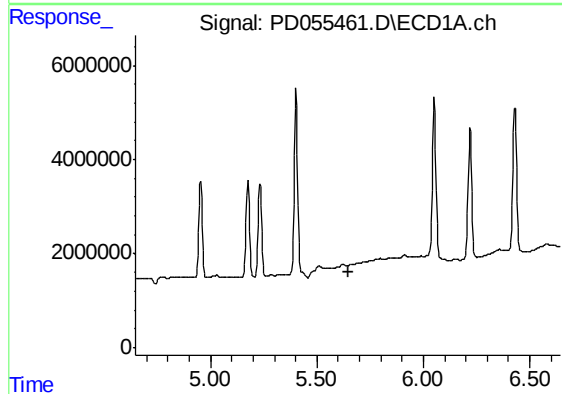
R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



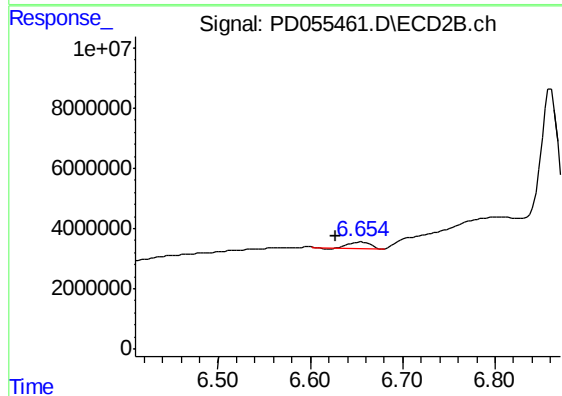
#22 Toxaphene-1

R.T.: 6.287 min  
Delta R.T.: -0.051 min  
Response: 64425412  
Conc: 8250.49 ng/ml



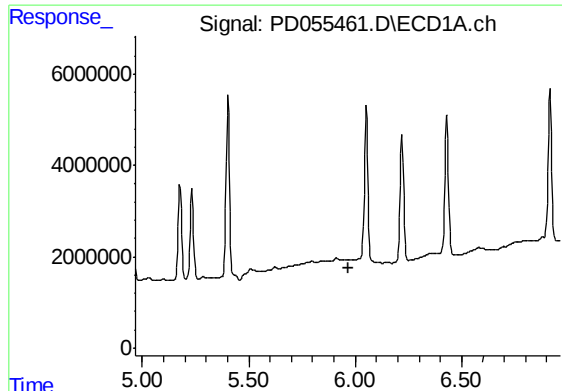
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 5.646 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

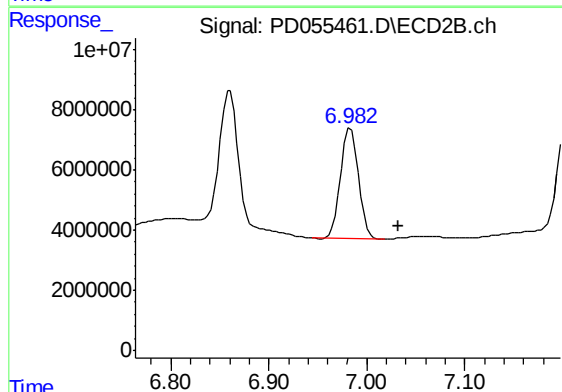
R.T.: 6.655 min  
Delta R.T.: 0.028 min  
Response: 3424180  
Conc: 351.58 ng/ml



#24 Toxaphene-3

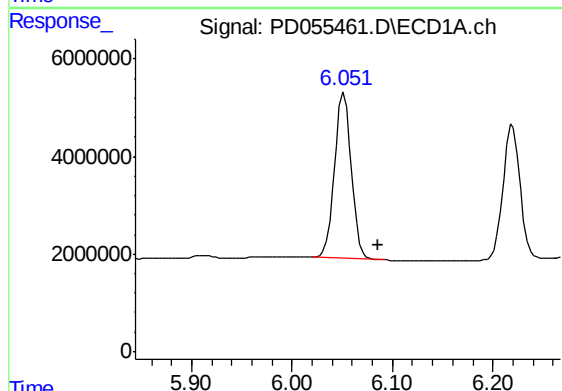
R.T.: 0.000 min  
Exp R.T. : 5.966 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



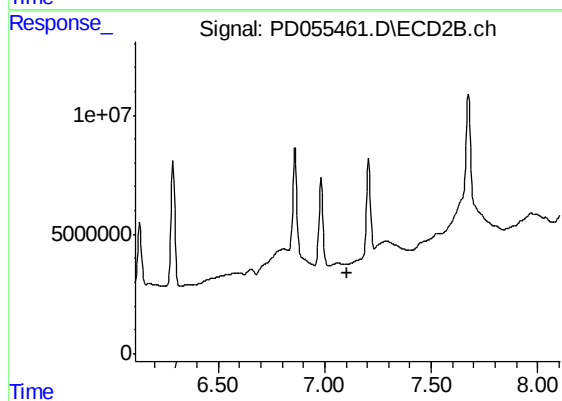
#24 Toxaphene-3

R.T.: 6.983 min  
Delta R.T.: -0.049 min  
Response: 46345220  
Conc: 3417.00 ng/ml



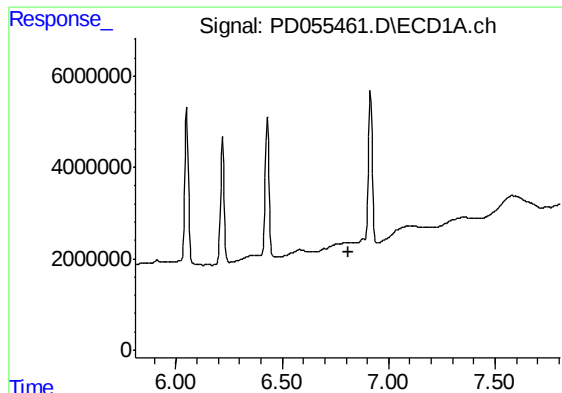
#25 Toxaphene-4

R.T.: 6.052 min  
Delta R.T.: -0.033 min  
Response: 38992044  
Conc: 2552.91 ng/ml



#25 Toxaphene-4

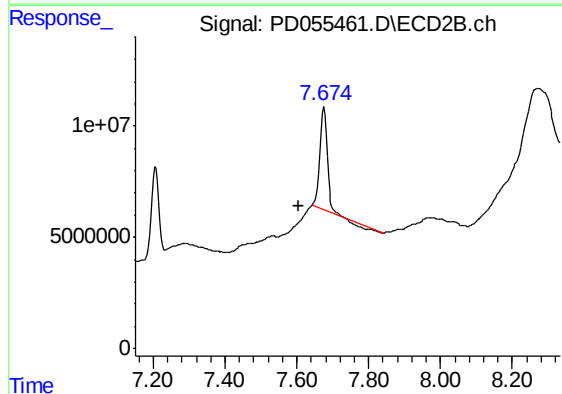
R.T.: 0.000 min  
Exp R.T. : 7.109 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

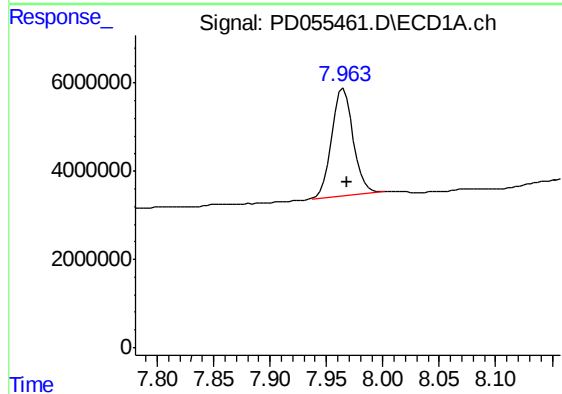
R.T.: 0.000 min  
Exp R.T.: 6.810 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB326



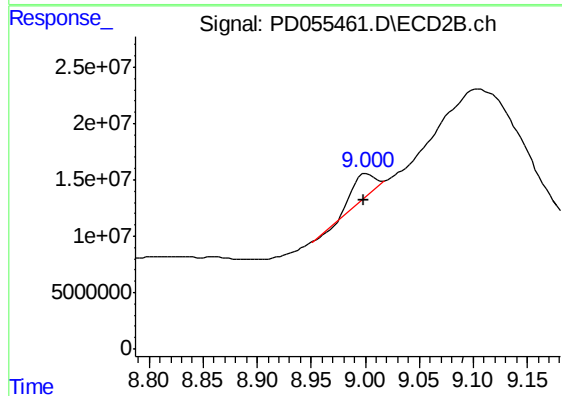
#26 Toxaphene-5

R.T.: 7.675 min  
Delta R.T.: 0.069 min  
Response: 60629658  
Conc: 3341.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 32363975  
Conc: 35.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.001 min  
Delta R.T.: 0.002 min  
Response: 25492035  
Conc: 19.54 ng/ml