

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070318\  
 Data File : PD048266.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Jul 2018 15:48  
 Operator : UA/AJ  
 Sample : INDA339  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA339

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:25:02 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_D\Method\PD062818CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 29 16:27:50 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.394  | 4.006  | 24611404 | 367.5E6  | 20.367   | 18.053     |
| 27)                         | SA Decachlor... | 8.084  | 9.051  | 56270350 | 694.3E6  | 42.093   | 39.181     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.827  | 4.390  | 39177121 | 588.0E6  | 20.591   | 18.293     |
| 3)                          | MA gamma-BHC... | 4.105  | 4.672  | 37983880 | 513.8E6  | 20.256   | 17.711     |
| 4)                          | MA Heptachlor   | 4.394  | 5.187  | 37047025 | 523.0E6  | 20.940   | 18.079     |
| 6)                          | B beta-BHC      | 4.394f | 0.000  | 37047025 | 0        | 49.546   | N.D. #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.912f | 0        | 5558306  | N.D.     | 0.217      |
| 9)                          | A Endosulfan I  | 5.406  | 6.227  | 31220284 | 424.9E6  | 20.591   | 18.062     |
| 11)                         | B cis-Chlor...  | 5.406f | 6.227f | 31220284 | 424.9E6  | 19.731   | 16.826     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.329  | 0        | 2391620  | N.D.     | 0.100      |
| 13)                         | MA Dieldrin     | 5.646  | 6.482  | 71024517 | 885.0E6  | 41.073   | 36.675     |
| 14)                         | MA Endrin       | 5.901  | 6.697  | 61501968 | 719.1E6  | 40.848   | 36.411     |
| 16)                         | A 4,4'-DDD      | 6.029  | 6.814  | 56874978 | 696.0E6  | 41.094   | 37.083     |
| 17)                         | MA 4,4'-DDT     | 6.266  | 7.114  | 59796395 | 708.3E6  | 41.306   | 36.943     |
| 18)                         | B Endrin al...  | 0.000  | 7.022  | 0        | 7889314  | N.D.     | 0.449      |
| 20)                         | A Methoxychlor  | 6.814  | 7.566  | 153.4E6  | 1596.0E6 | 202.743  | 188.476    |
| 21)                         | B Endrin ke...  | 7.040  | 7.711  | 2408220  | 21668727 | 1.403    | 1.134      |
| 22)                         | Toxaphene-1     | 5.646  | 6.329  | 71024517 | 2391620  | 7277.101 | 23.687 #   |
| 23)                         | Toxaphene-2     | 6.266  | 6.697  | 59796395 | 719.1E6  | 2277.728 | 5305.417 # |
| 24)                         | Toxaphene-3     | 0.000  | 7.114  | 0        | 708.3E6  | N.D.     | 1385.503   |
| 25)                         | Toxaphene-4     | 6.814  | 0.000  | 153.4E6  | 0        | 6487.841 | N.D. #     |
| 26)                         | Toxaphene-5     | 0.000  | 7.653  | 0        | 12072548 | N.D.     | 60.172     |
| -----                       |                 |        |        |          |          |          |            |

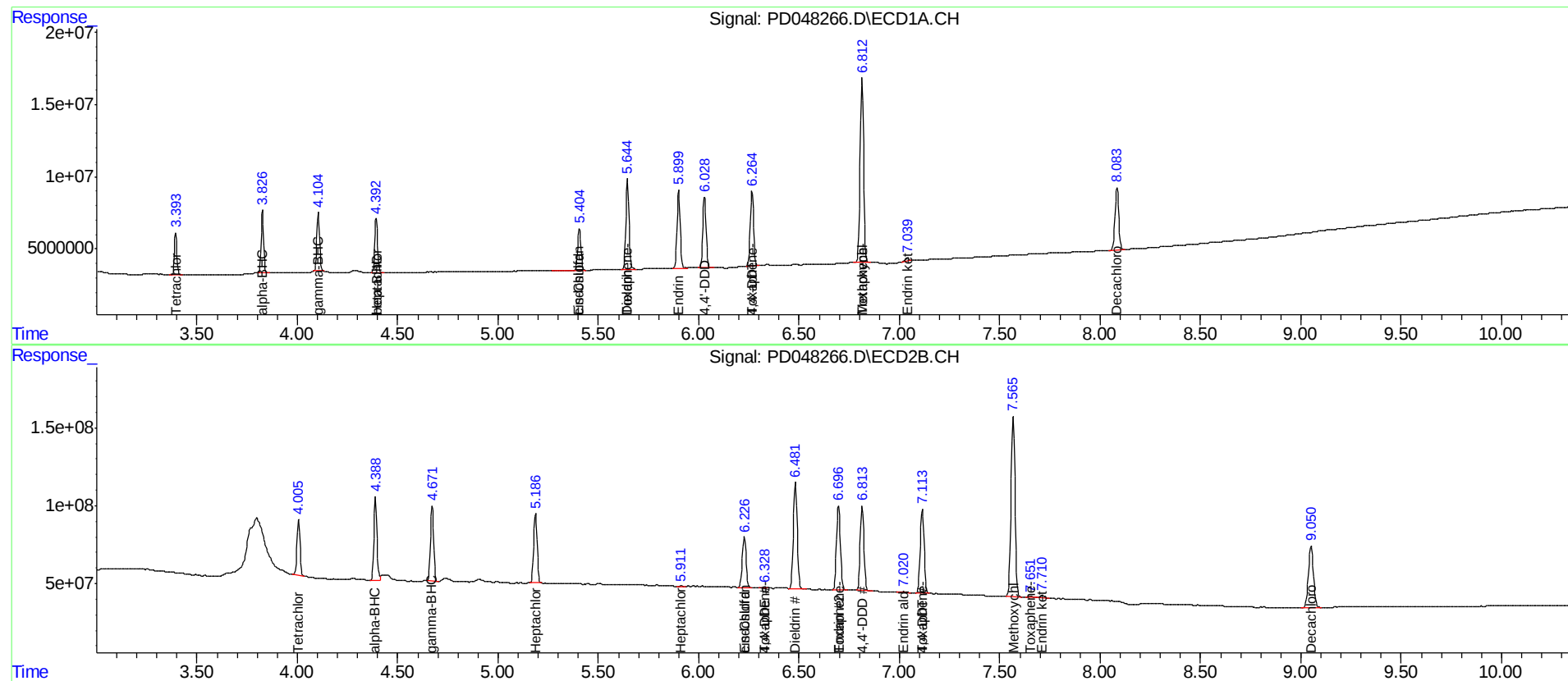
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

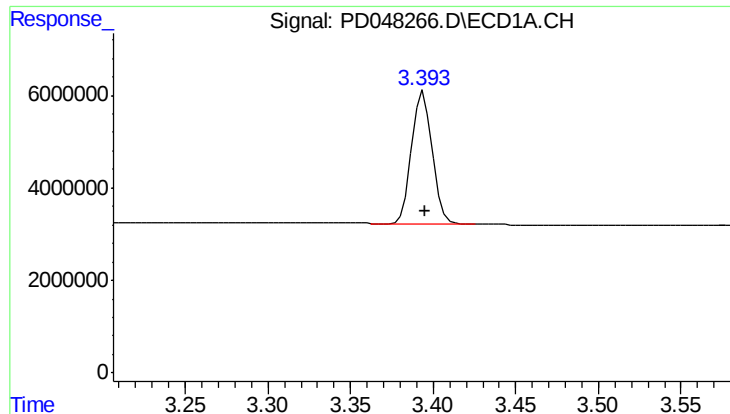
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070318\  
Data File : PD048266.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Jul 2018 15:48  
Operator : UA/AJ  
Sample : INDA339  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:25:02 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_D\Method\PD062818CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 29 16:27:50 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

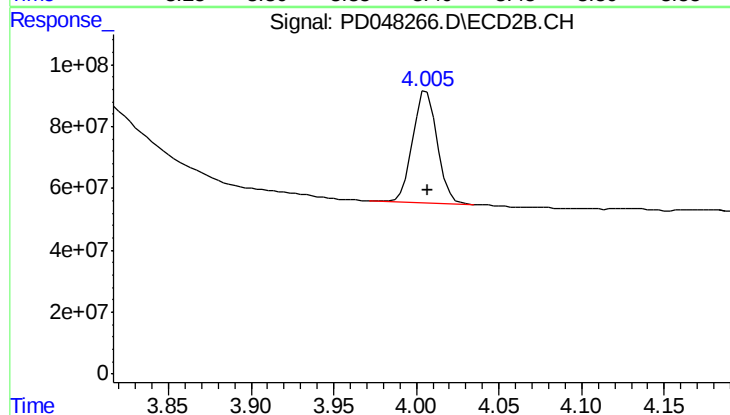




#1 Tetrachloro-m-xylene

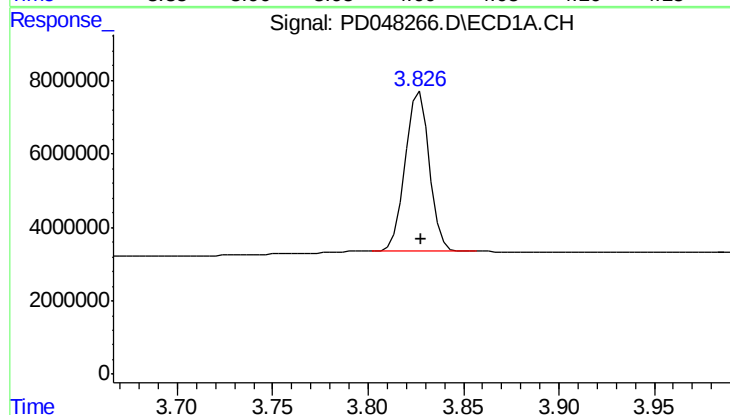
R.T.: 3.394 min  
Delta R.T.: 0.000 min  
Response: 24611404  
Conc: 20.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



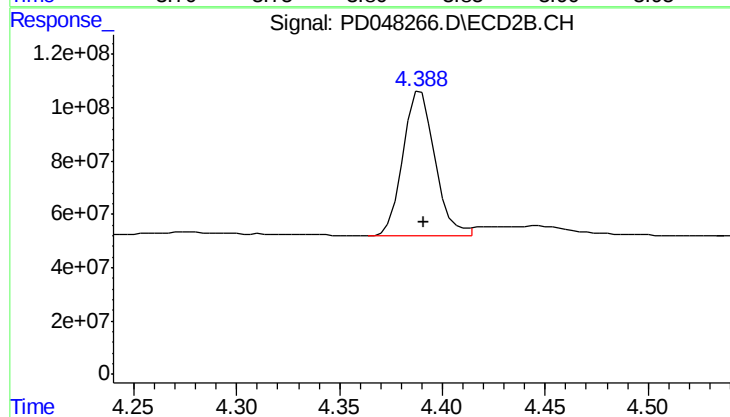
#1 Tetrachloro-m-xylene

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 367541368  
Conc: 18.05 ng/ml



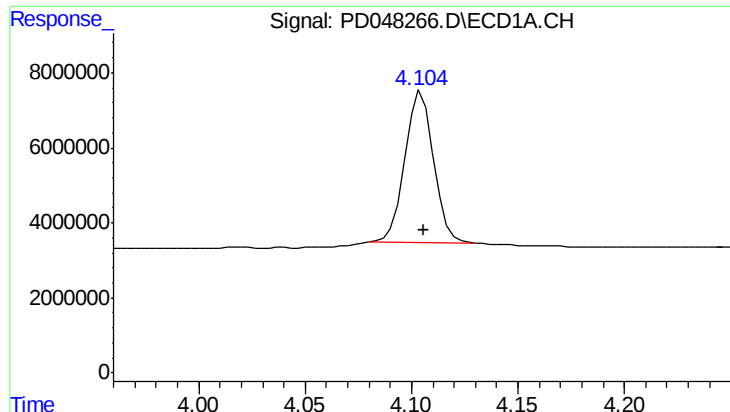
#2 alpha-BHC

R.T.: 3.827 min  
Delta R.T.: -0.001 min  
Response: 39177121  
Conc: 20.59 ng/ml



#2 alpha-BHC

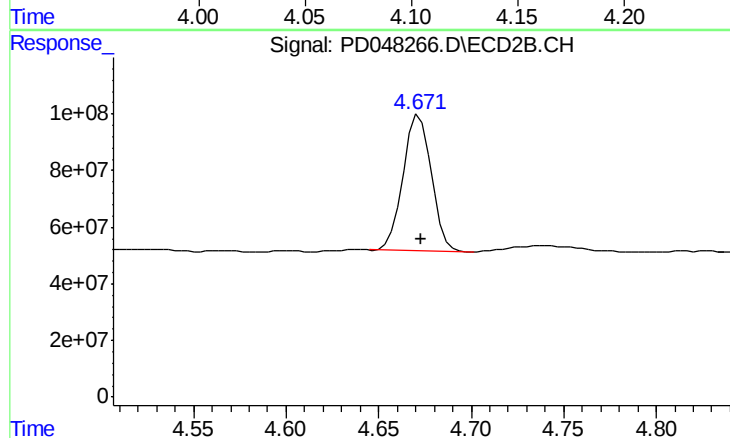
R.T.: 4.390 min  
Delta R.T.: -0.001 min  
Response: 587973498  
Conc: 18.29 ng/ml



#3 gamma-BHC (Lindane)

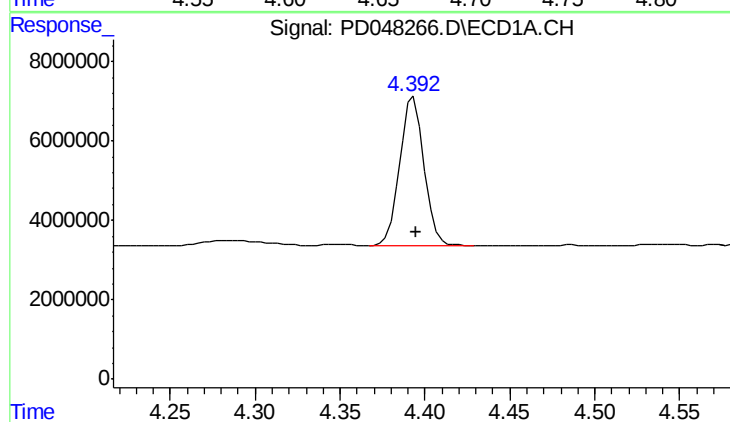
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 37983880  
Conc: 20.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



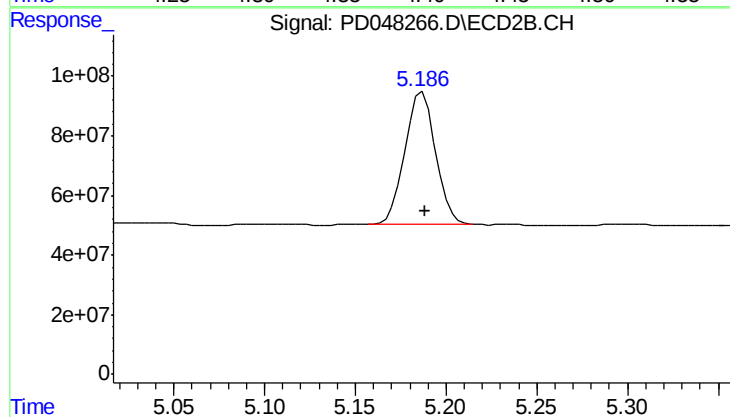
#3 gamma-BHC (Lindane)

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 513775024  
Conc: 17.71 ng/ml



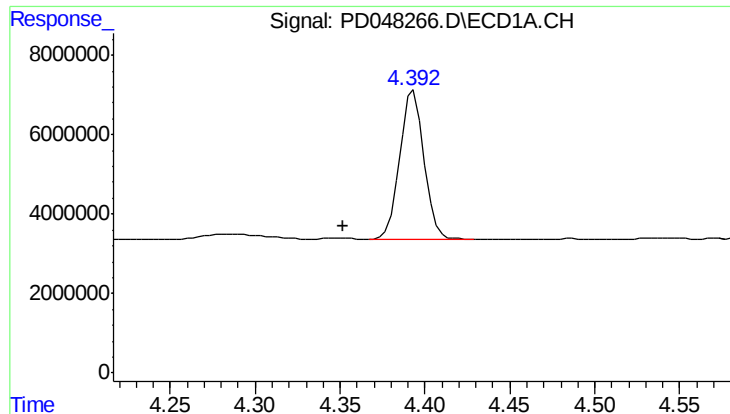
#4 Heptachlor

R.T.: 4.394 min  
Delta R.T.: -0.001 min  
Response: 37047025  
Conc: 20.94 ng/ml



#4 Heptachlor

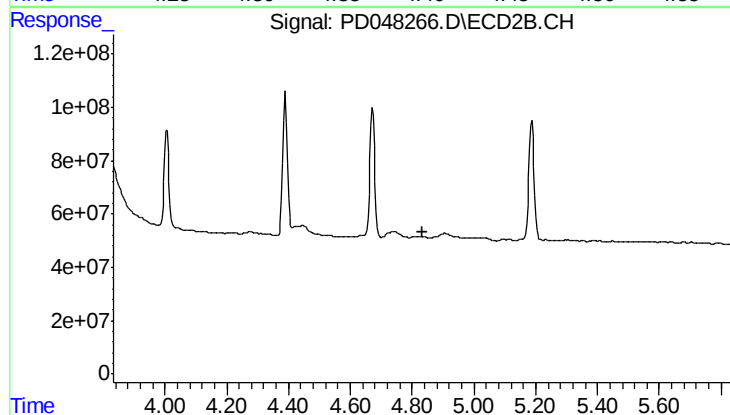
R.T.: 5.187 min  
Delta R.T.: -0.001 min  
Response: 523049134  
Conc: 18.08 ng/ml



#6 beta-BHC

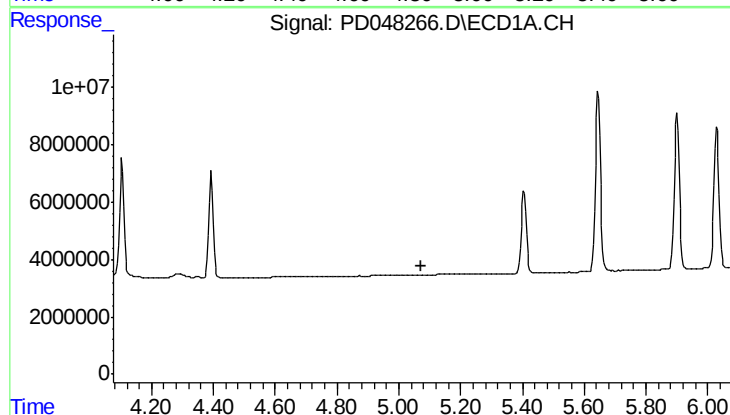
R.T.: 4.394 min  
Delta R.T.: 0.042 min  
Response: 37047025  
Conc: 49.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



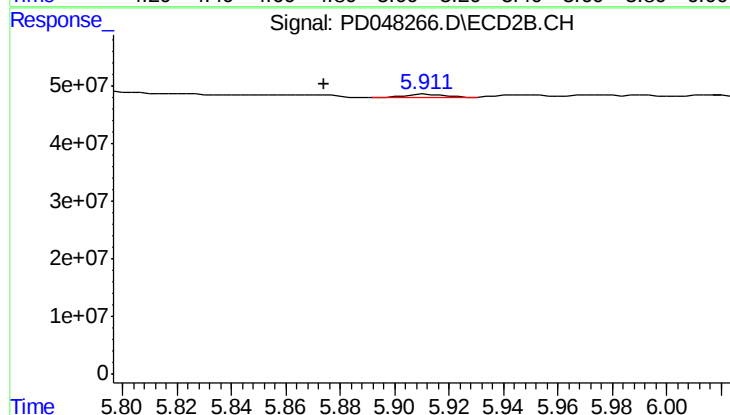
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.



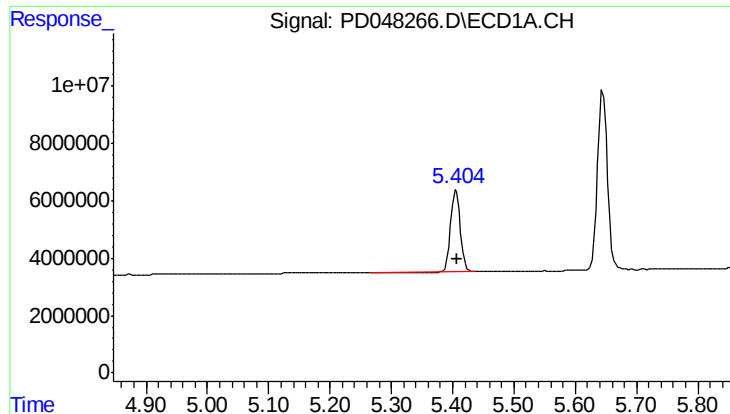
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.075 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

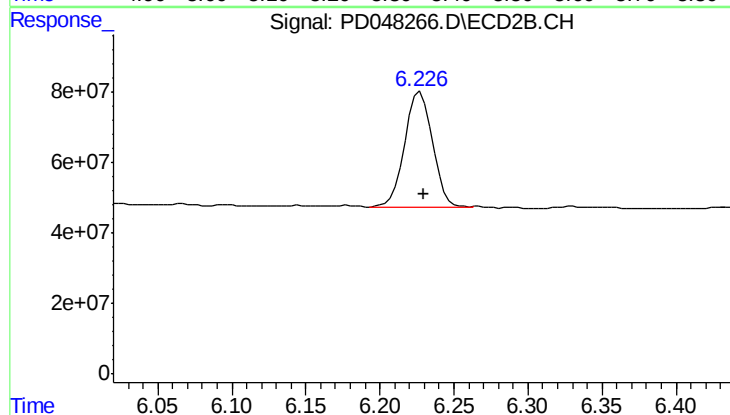
R.T.: 5.912 min  
Delta R.T.: 0.038 min  
Response: 5558306  
Conc: 0.22 ng/ml



#9 Endosulfan I

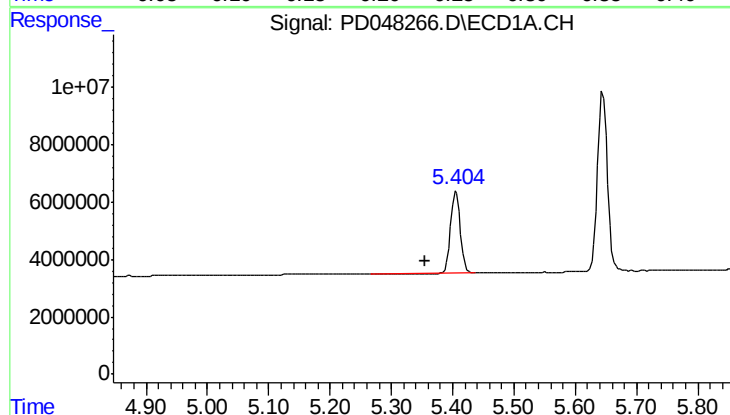
R.T.: 5.406 min  
Delta R.T.: -0.002 min  
Response: 31220284  
Conc: 20.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



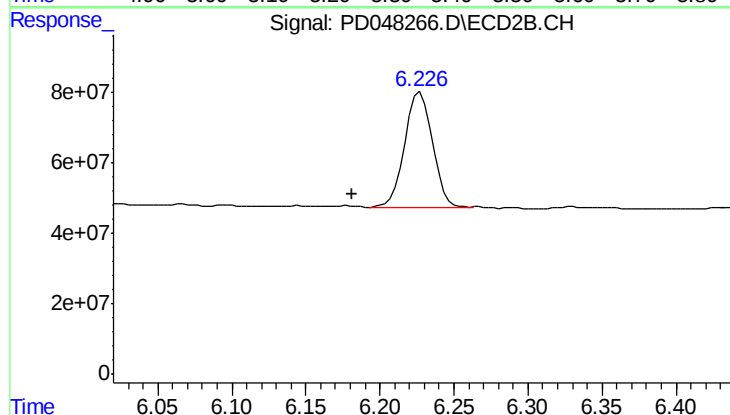
#9 Endosulfan I

R.T.: 6.227 min  
Delta R.T.: -0.002 min  
Response: 424942584  
Conc: 18.06 ng/ml



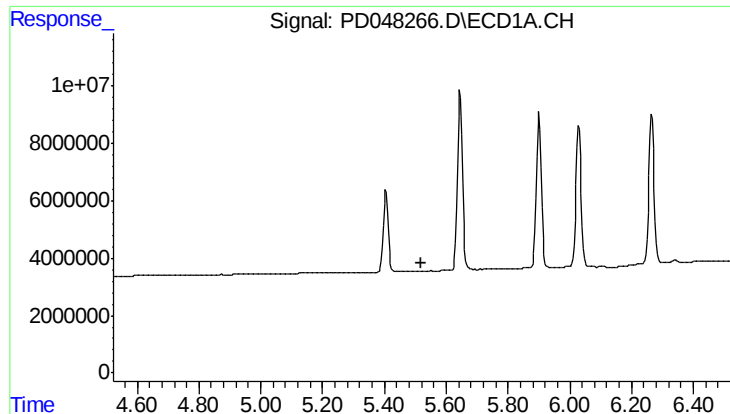
#11 cis-Chlordane

R.T.: 5.406 min  
Delta R.T.: 0.051 min  
Response: 31220284  
Conc: 19.73 ng/ml



#11 cis-Chlordane

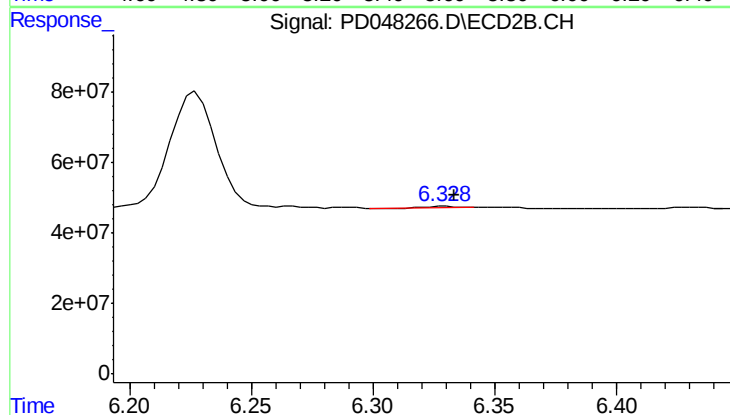
R.T.: 6.227 min  
Delta R.T.: 0.046 min  
Response: 424942584  
Conc: 16.83 ng/ml



#12 4,4'-DDE

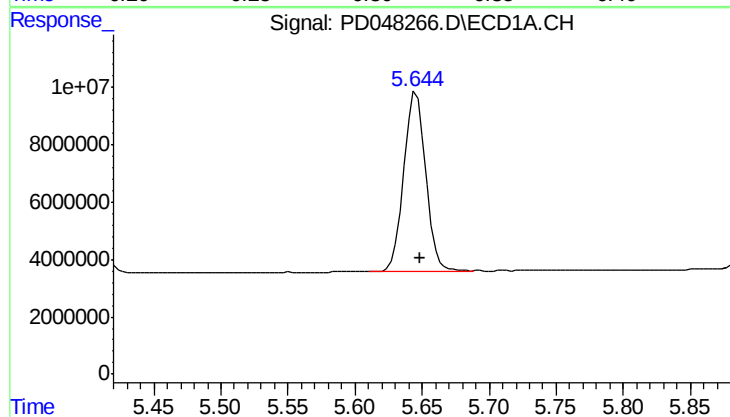
R.T.: 0.000 min  
Exp R.T.: 5.520 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



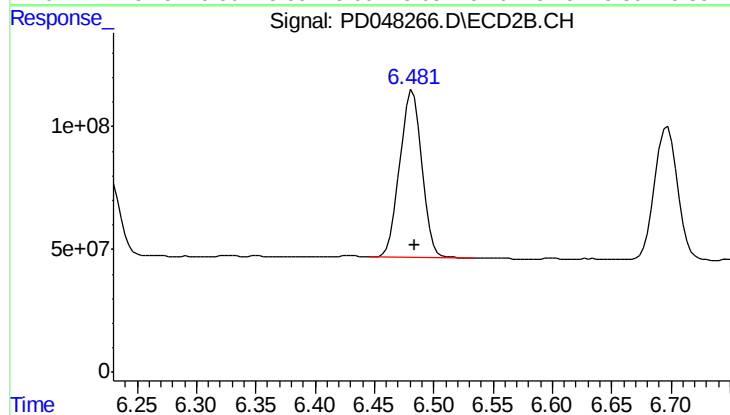
#12 4,4'-DDE

R.T.: 6.329 min  
Delta R.T.: -0.004 min  
Response: 2391620  
Conc: 0.10 ng/ml



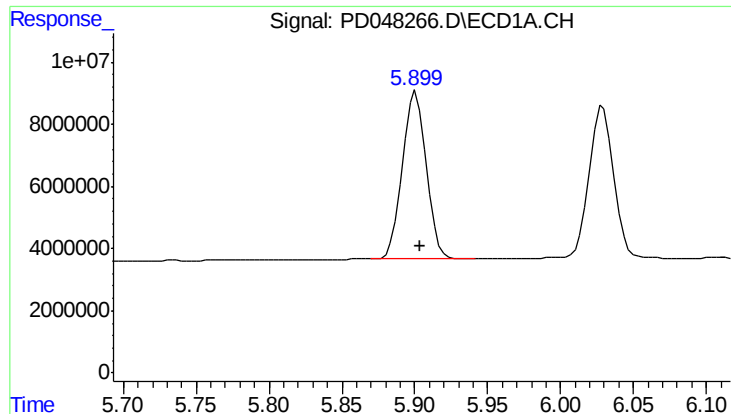
#13 Dieldrin

R.T.: 5.646 min  
Delta R.T.: -0.003 min  
Response: 71024517  
Conc: 41.07 ng/ml



#13 Dieldrin

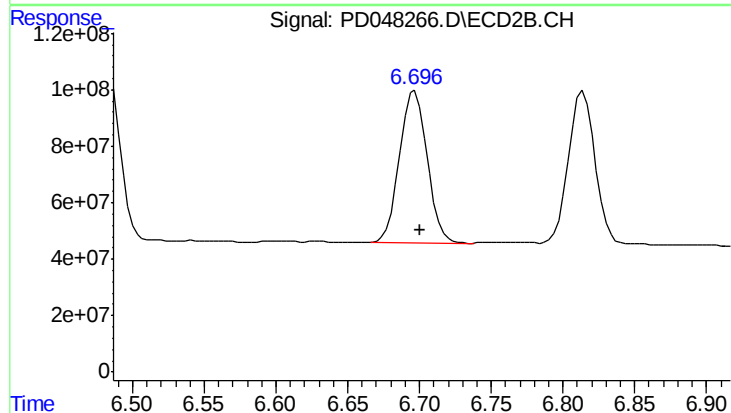
R.T.: 6.482 min  
Delta R.T.: -0.002 min  
Response: 885030130  
Conc: 36.68 ng/ml



#14 Endrin

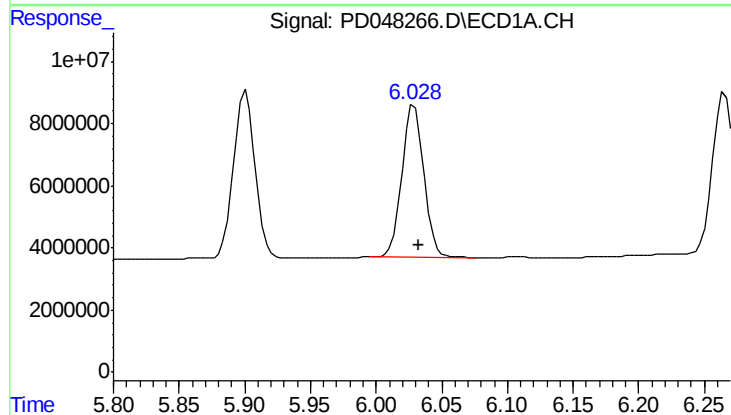
R.T.: 5.901 min  
Delta R.T.: -0.003 min  
Response: 61501968  
Conc: 40.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



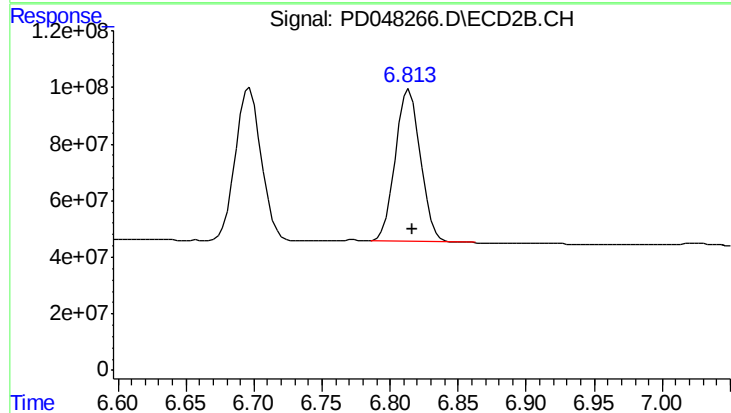
#14 Endrin

R.T.: 6.697 min  
Delta R.T.: -0.003 min  
Response: 719093801  
Conc: 36.41 ng/ml



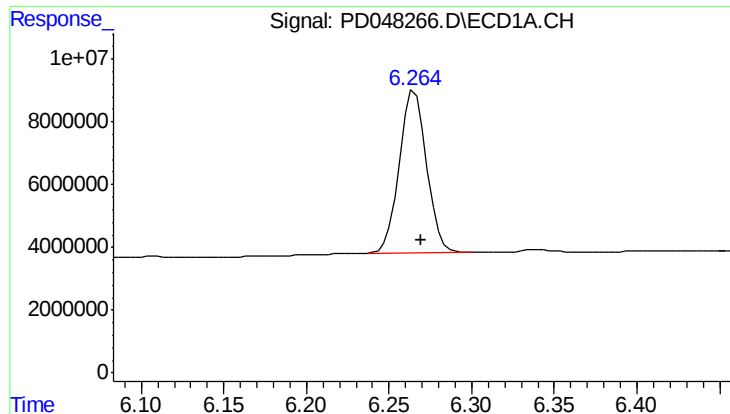
#16 4,4'-DDD

R.T.: 6.029 min  
Delta R.T.: -0.003 min  
Response: 56874978  
Conc: 41.09 ng/ml



#16 4,4'-DDD

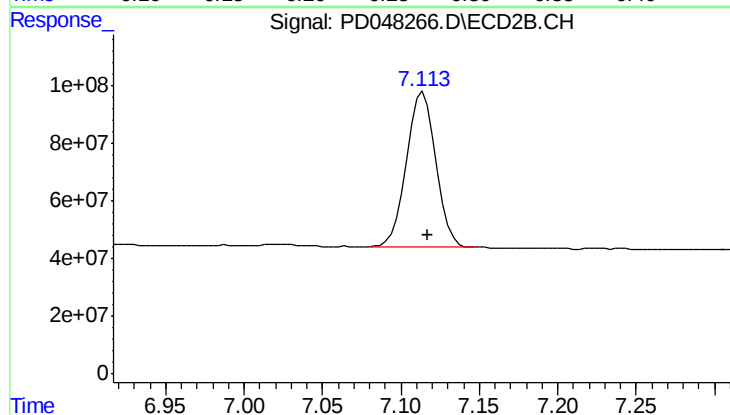
R.T.: 6.814 min  
Delta R.T.: -0.002 min  
Response: 696020966  
Conc: 37.08 ng/ml



#17 4,4'-DDT

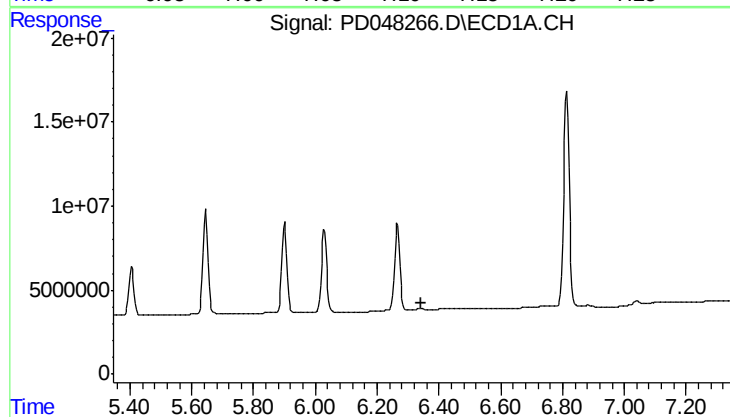
R.T.: 6.266 min  
Delta R.T.: -0.004 min  
Response: 59796395  
Conc: 41.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



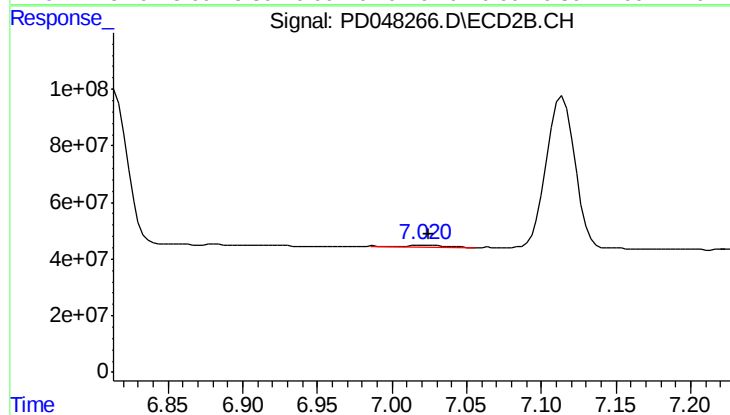
#17 4,4'-DDT

R.T.: 7.114 min  
Delta R.T.: -0.003 min  
Response: 708296694  
Conc: 36.94 ng/ml



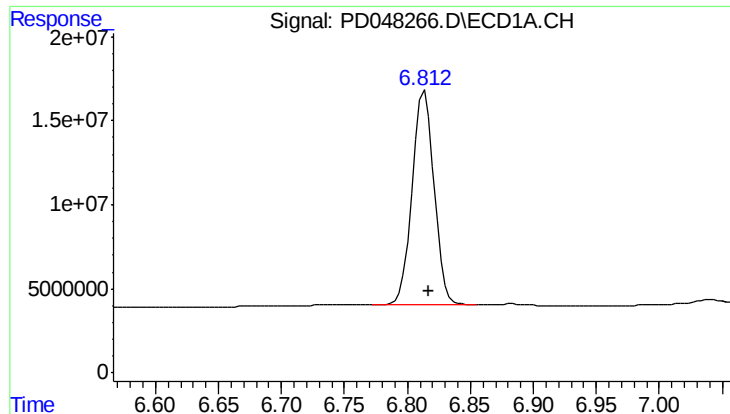
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.343 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

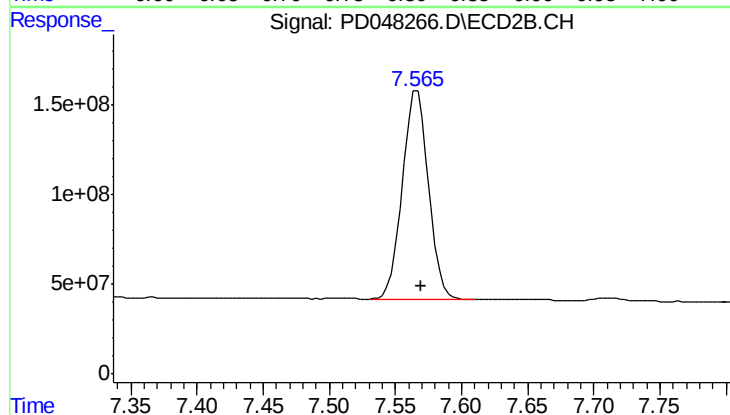
R.T.: 7.022 min  
Delta R.T.: -0.003 min  
Response: 7889314  
Conc: 0.45 ng/ml



#20 Methoxychlor

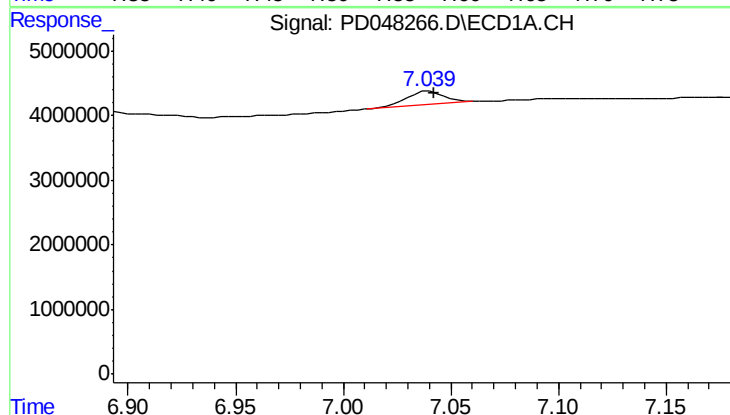
R.T.: 6.814 min  
Delta R.T.: -0.004 min  
Response: 153409224  
Conc: 202.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



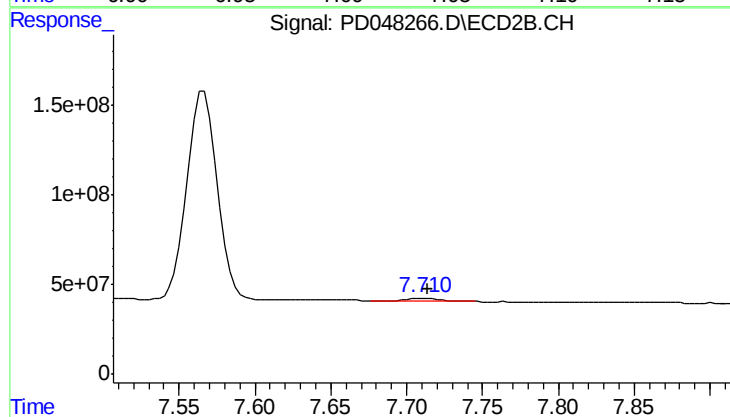
#20 Methoxychlor

R.T.: 7.566 min  
Delta R.T.: -0.003 min  
Response: 1596026656  
Conc: 188.48 ng/ml



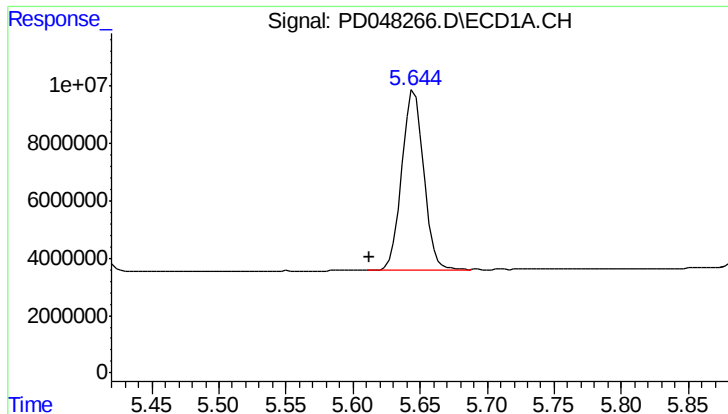
#21 Endrin ketone

R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 2408220  
Conc: 1.40 ng/ml



#21 Endrin ketone

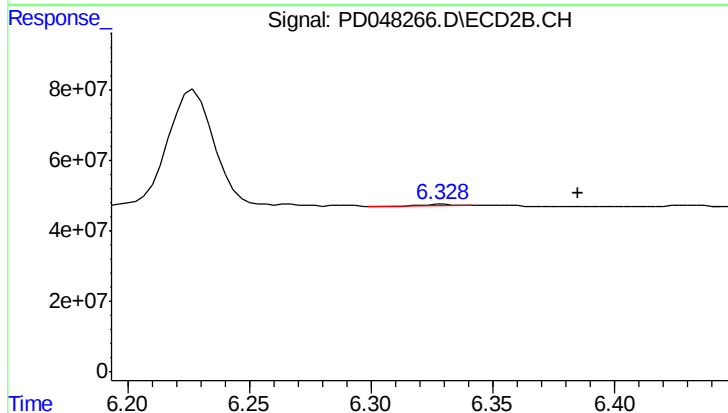
R.T.: 7.711 min  
Delta R.T.: -0.003 min  
Response: 21668727  
Conc: 1.13 ng/ml



#22 Toxaphene-1

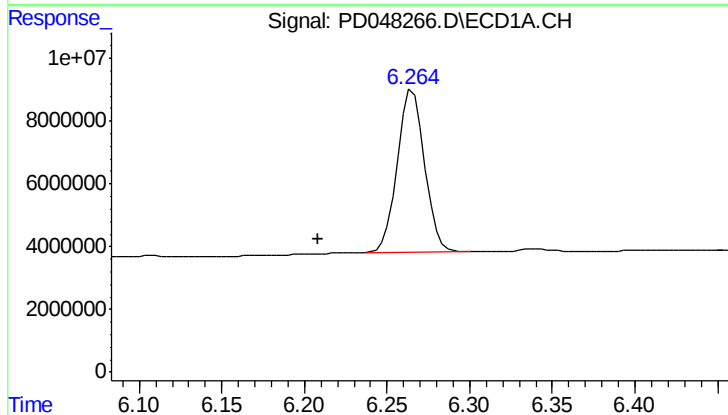
R.T.: 5.646 min  
Delta R.T.: 0.034 min  
Response: 71024517  
Conc: 7277.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



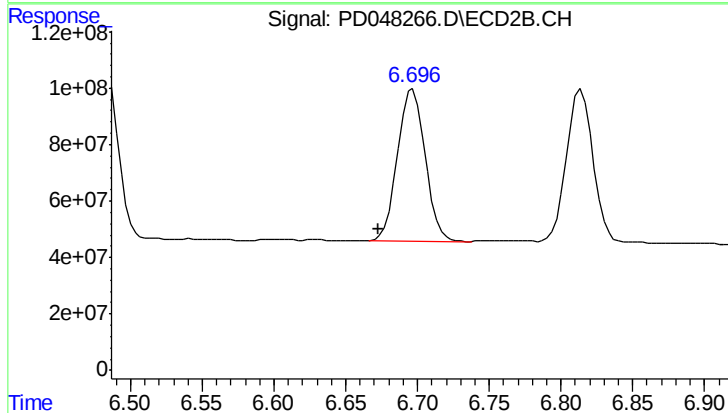
#22 Toxaphene-1

R.T.: 6.329 min  
Delta R.T.: -0.056 min  
Response: 2391620  
Conc: 23.69 ng/ml



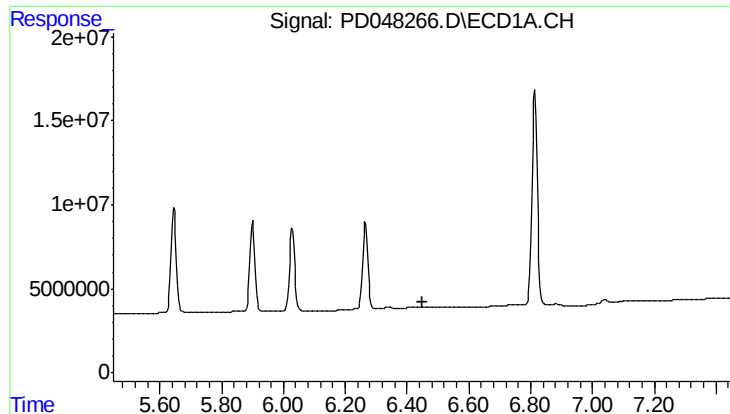
#23 Toxaphene-2

R.T.: 6.266 min  
Delta R.T.: 0.057 min  
Response: 59796395  
Conc: 2277.73 ng/ml



#23 Toxaphene-2

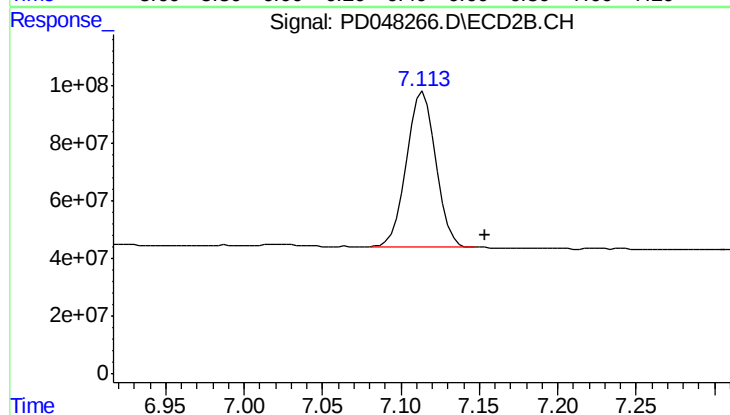
R.T.: 6.697 min  
Delta R.T.: 0.024 min  
Response: 719093801  
Conc: 5305.42 ng/ml



#24 Toxaphene-3

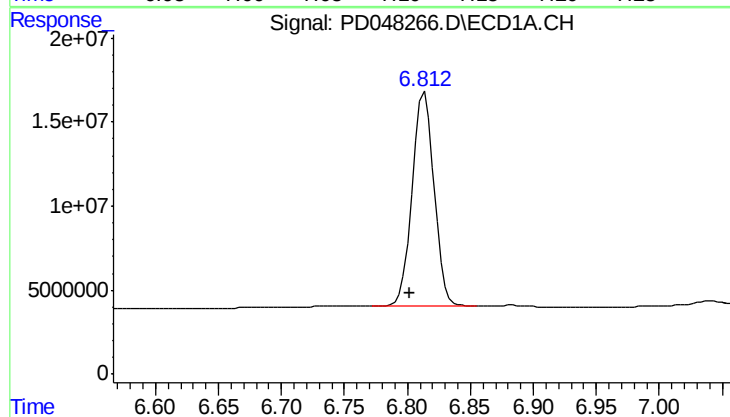
R.T.: 0.000 min  
Exp R.T.: 6.450 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



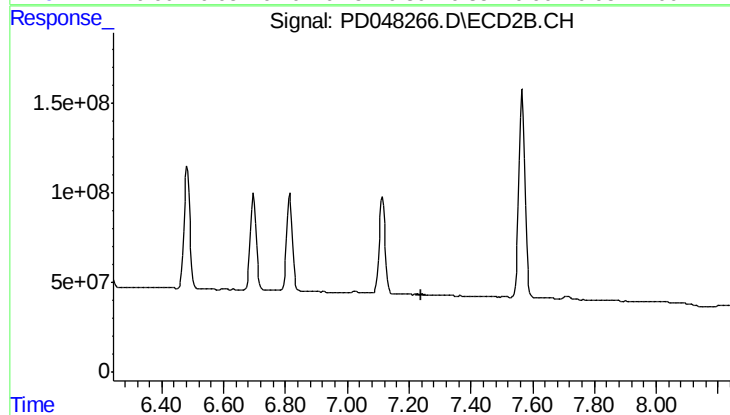
#24 Toxaphene-3

R.T.: 7.114 min  
Delta R.T.: -0.039 min  
Response: 708296694  
Conc: 1385.50 ng/ml



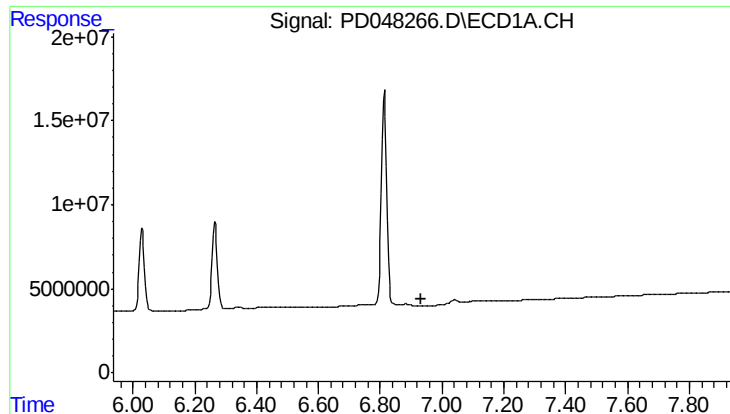
#25 Toxaphene-4

R.T.: 6.814 min  
Delta R.T.: 0.012 min  
Response: 153409224  
Conc: 6487.84 ng/ml



#25 Toxaphene-4

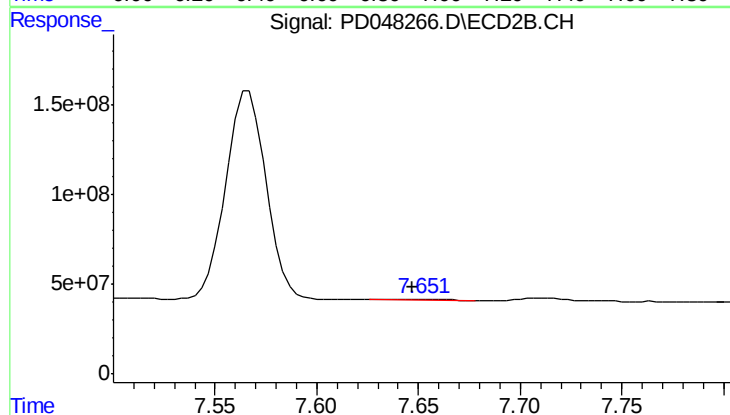
R.T.: 0.000 min  
Exp R.T.: 7.241 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

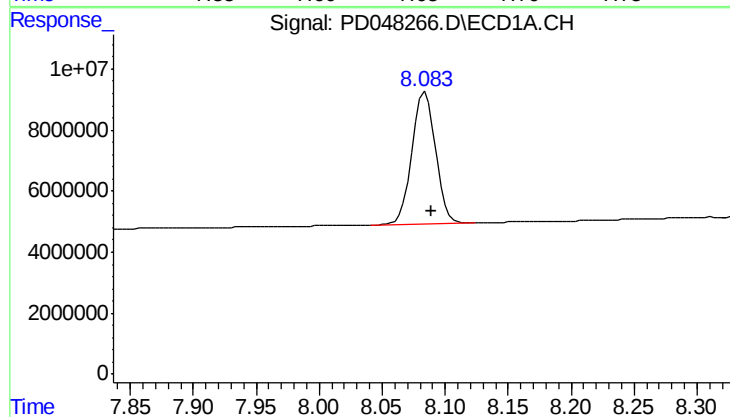
R.T.: 0.000 min  
Exp R.T.: 6.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA339



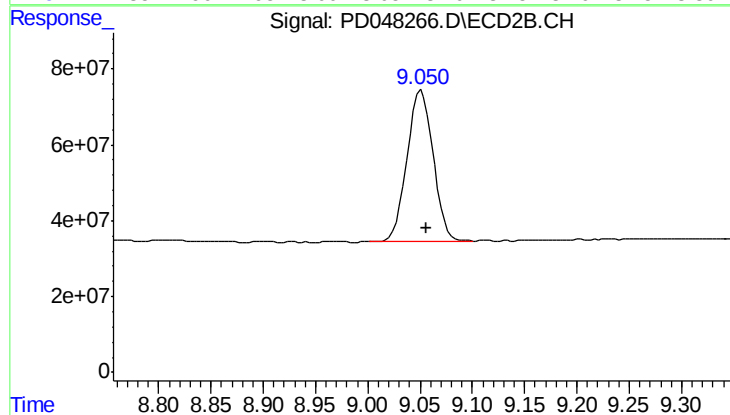
#26 Toxaphene-5

R.T.: 7.653 min  
Delta R.T.: 0.006 min  
Response: 12072548  
Conc: 60.17 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.005 min  
Response: 56270350  
Conc: 42.09 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.005 min  
Response: 694294705  
Conc: 39.18 ng/ml