

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121919\  
 Data File : PD056656.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2019 23:12  
 Operator : SG\AJ  
 Sample : K6238-03MSD  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFPZ6MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 00:50:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 03 08:51:13 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... | 3.286  | 3.960  | 4926212  | 9342057  | 5.948    | 7.770 #   |
| 27)                         | SA Decachlor... | 7.957  | 8.994  | 7082789  | 9364740  | 7.844    | 7.784     |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.318f | 0        | 567534   | N.D.     | 0.340     |
| 3)                          | MA gamma-BHC... | 3.987  | 4.629  | 40585796 | 72532211 | 36.142   | 44.944    |
| 4)                          | MA Heptachlor   | 4.273  | 5.135  | 40337900 | 73424580 | 40.021   | 45.051    |
| 5)                          | MB Aldrin       | 4.511  | 5.438  | 36710802 | 68225502 | 33.804   | 41.520    |
| 6)                          | B beta-BHC      | 4.273f | 0.000  | 40337900 | 0        | 74.944   | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 4.986f | 0        | 3400154  | N.D.     | 2.041     |
| 8)                          | B Heptachlor... | 0.000  | 5.808  | 0        | 5239673  | N.D.     | 3.382     |
| 9)                          | A Endosulfan I  | 0.000  | 6.215  | 0        | 574400   | N.D.     | 0.396     |
| 10)                         | B trans-Chl...  | 0.000  | 6.047  | 0        | 6512447  | N.D.     | 3.939     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.129  | 0        | 4825043  | N.D.     | 2.994     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.282  | 0        | 2893176  | N.D.     | 1.843     |
| 13)                         | MA Dieldrin     | 5.518  | 6.433  | 77248546 | 132.1E6  | 76.050   | 84.094    |
| 14)                         | MA Endrin       | 5.772  | 6.650  | 65679354 | 110.9E6  | 78.593   | 87.598    |
| 15)                         | B Endosulfa...  | 0.000  | 6.873  | 0        | 1915736  | N.D.     | 1.307     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.772  | 0        | 1523503  | N.D.     | 1.295     |
| 17)                         | MA 4,4'-DDT     | 6.141  | 7.070  | 55971283 | 98808229 | 79.545   | 83.583    |
| 18)                         | B Endrin al...  | 0.000  | 6.984  | 0        | 677578   | N.D.     | 0.557     |
| 19)                         | B Endosulfa...  | 0.000  | 7.215  | 0        | 3528519  | N.D.     | 2.639     |
| 20)                         | A Methoxychlor  | 0.000  | 7.583f | 0        | 3660592  | N.D.     | 6.042     |
| 21)                         | B Endrin ke...  | 0.000  | 7.673  | 0        | 1238653  | N.D.     | 0.842     |
| 22)                         | Toxaphene-1     | 5.518  | 6.282  | 77248546 | 2893176  | 8573.806 | 257.700 # |
| 23)                         | Toxaphene-2     | 0.000  | 6.650  | 0        | 110.9E6  | N.D.     | 8033.302  |
| 24)                         | Toxaphene-3     | 0.000  | 7.070  | 0        | 98808229 | N.D.     | 5022.946  |
| 25)                         | Toxaphene-4     | 6.141  | 7.070  | 55971283 | 98808229 | 2259.144 | 1789.505  |
| 26)                         | Toxaphene-5     | 0.000  | 7.583  | 0        | 3660592  | N.D.     | 143.221   |
| -----                       |                 |        |        |          |          |          |           |

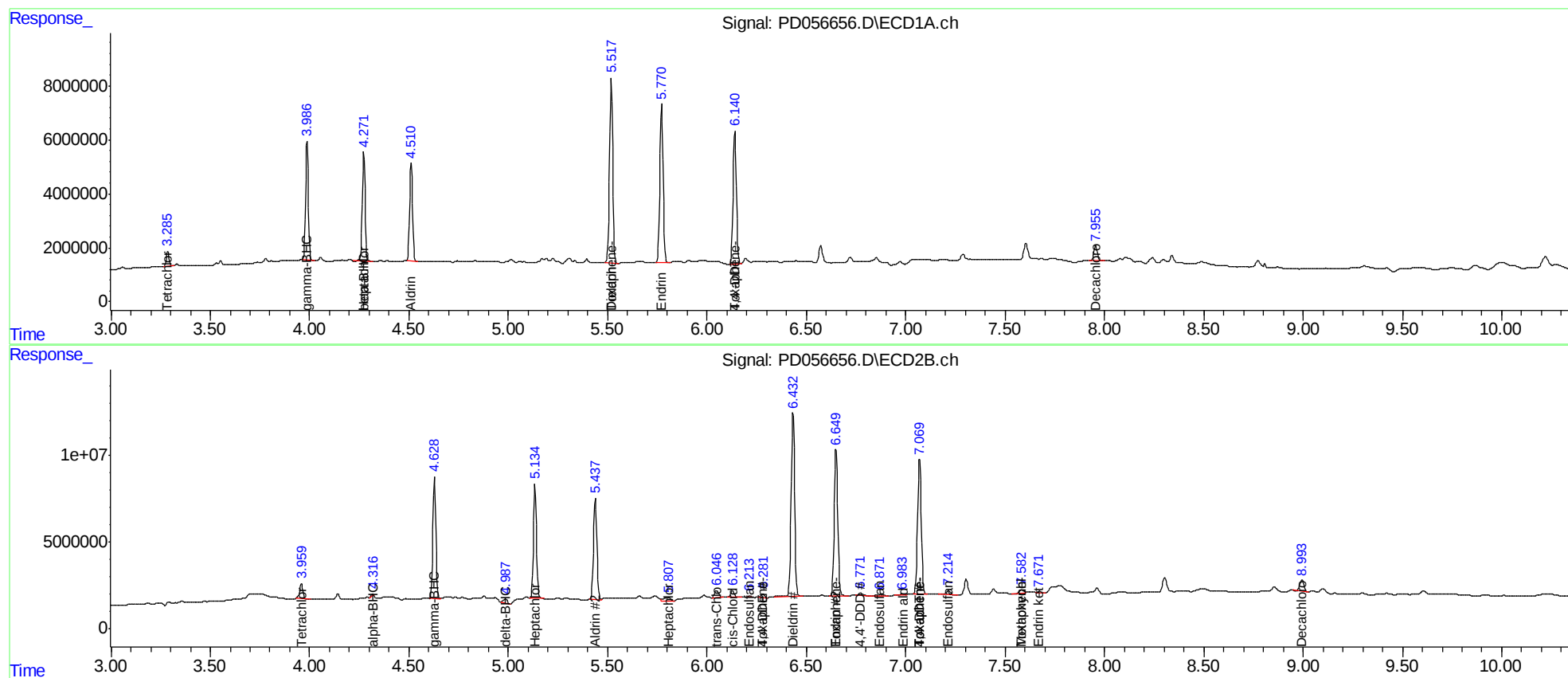
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

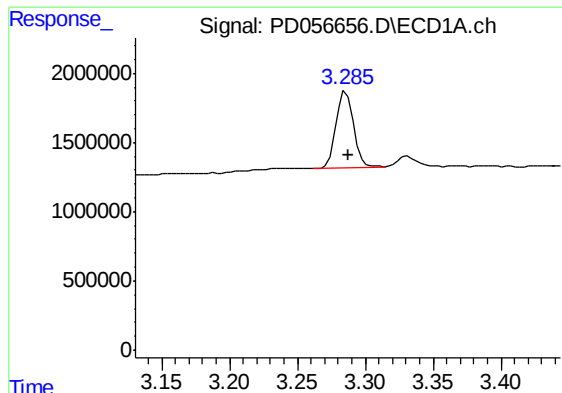
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121919\  
Data File : PD056656.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2019 23:12  
Operator : SG\AJ  
Sample : K6238-03MSD  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 00:50:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 03 08:51:13 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

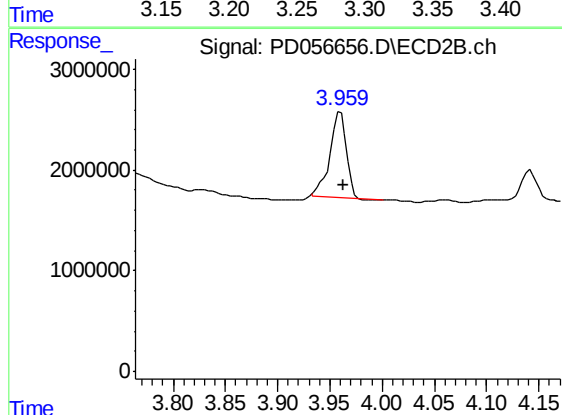




#1 Tetrachloro-m-xylene

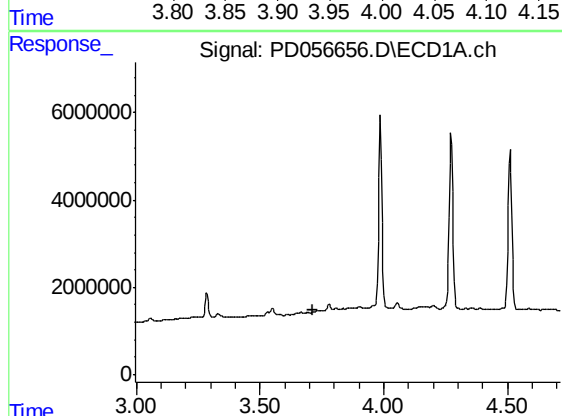
R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 4926212  
Conc: 5.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



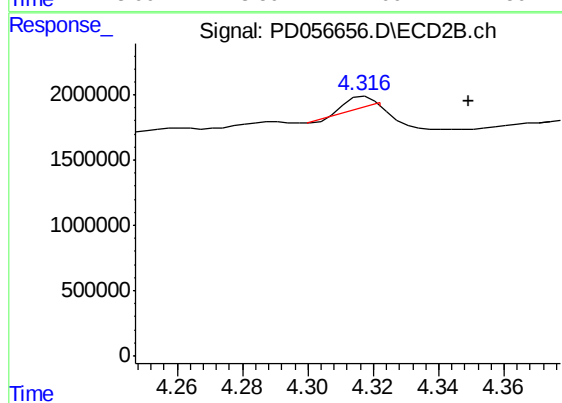
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.002 min  
Response: 9342057  
Conc: 7.77 ng/ml



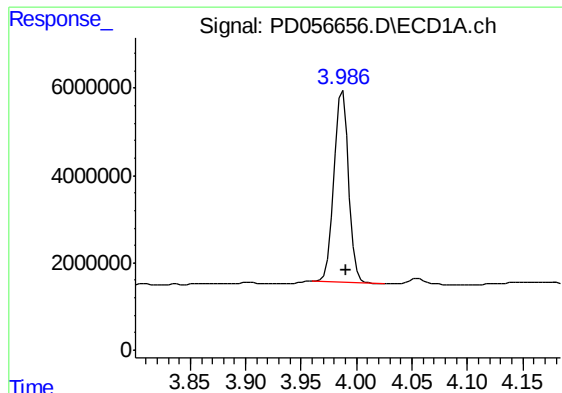
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.715 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

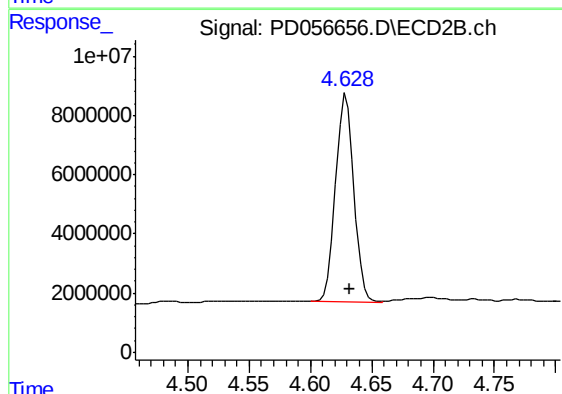
R.T.: 4.318 min  
Delta R.T.: -0.032 min  
Response: 567534  
Conc: 0.34 ng/ml



#3 gamma-BHC (Lindane)

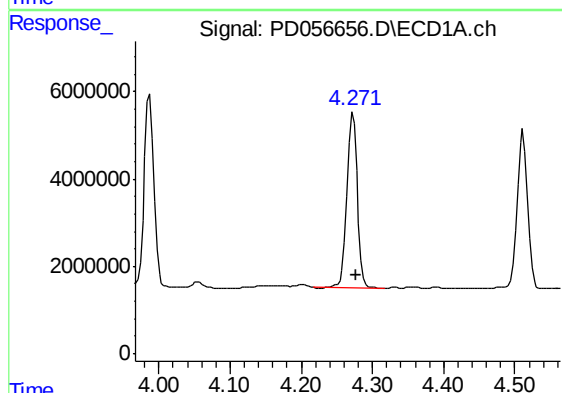
R.T.: 3.987 min  
Delta R.T.: -0.003 min  
Response: 40585796  
Conc: 36.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



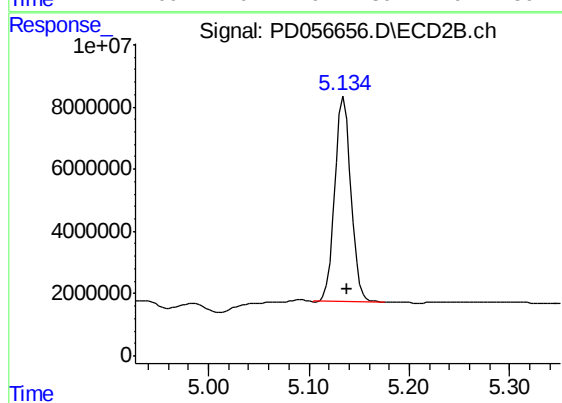
#3 gamma-BHC (Lindane)

R.T.: 4.629 min  
Delta R.T.: -0.003 min  
Response: 72532211  
Conc: 44.94 ng/ml



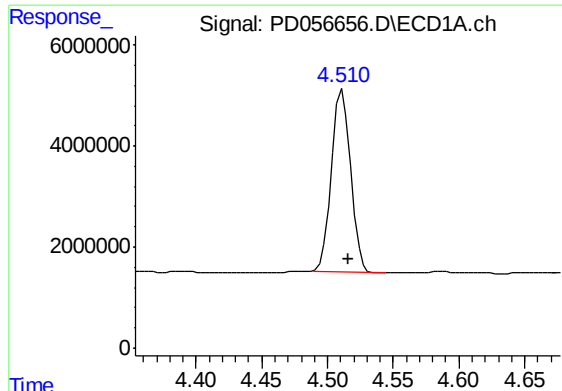
#4 Heptachlor

R.T.: 4.273 min  
Delta R.T.: -0.004 min  
Response: 40337900  
Conc: 40.02 ng/ml



#4 Heptachlor

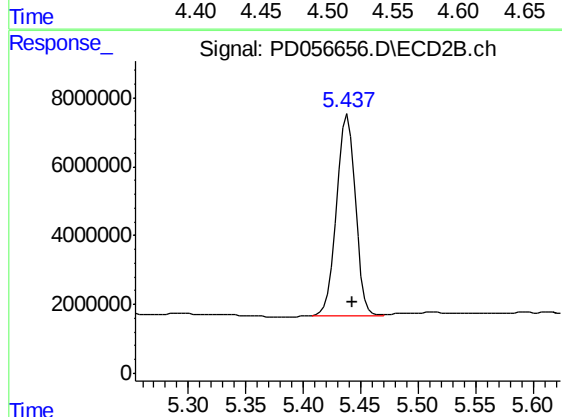
R.T.: 5.135 min  
Delta R.T.: -0.004 min  
Response: 73424580  
Conc: 45.05 ng/ml



#5 Aldrin

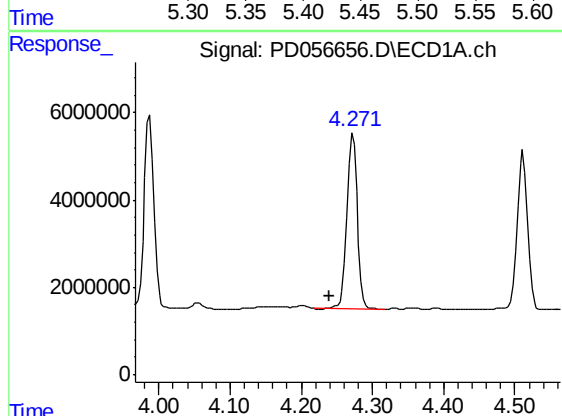
R.T.: 4.511 min  
Delta R.T.: -0.004 min  
Response: 36710802  
Conc: 33.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



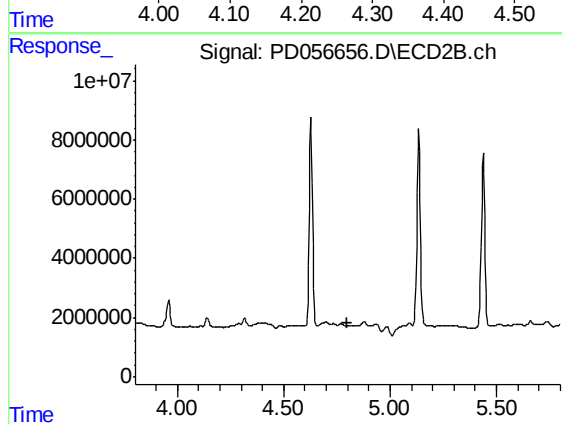
#5 Aldrin

R.T.: 5.438 min  
Delta R.T.: -0.004 min  
Response: 68225502  
Conc: 41.52 ng/ml



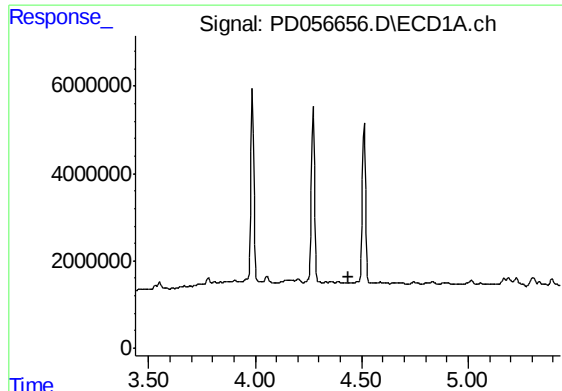
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: 0.032 min  
Response: 40337900  
Conc: 74.94 ng/ml



#6 beta-BHC

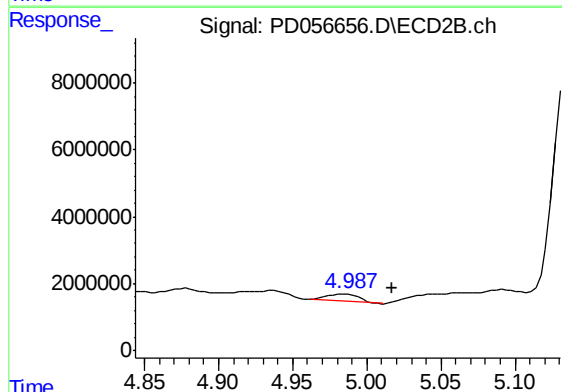
R.T.: 0.000 min  
Exp R.T. : 4.801 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

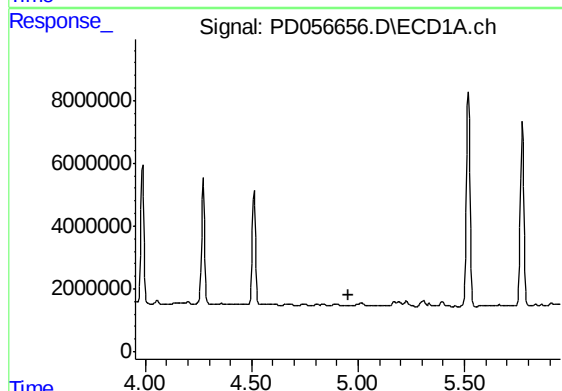
R.T.: 0.000 min  
Exp R.T. : 4.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



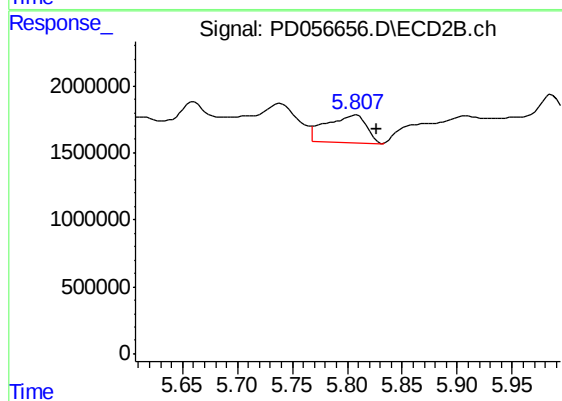
#7 delta-BHC

R.T.: 4.986 min  
Delta R.T.: -0.031 min  
Response: 3400154  
Conc: 2.04 ng/ml



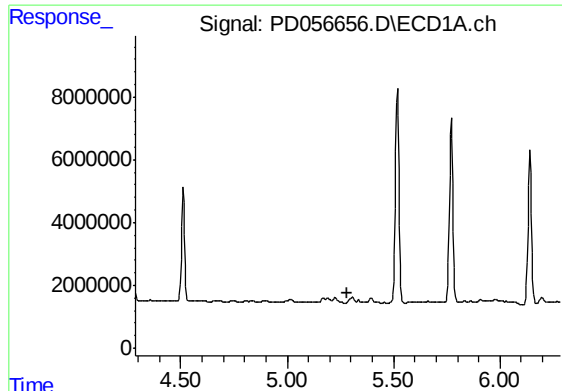
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

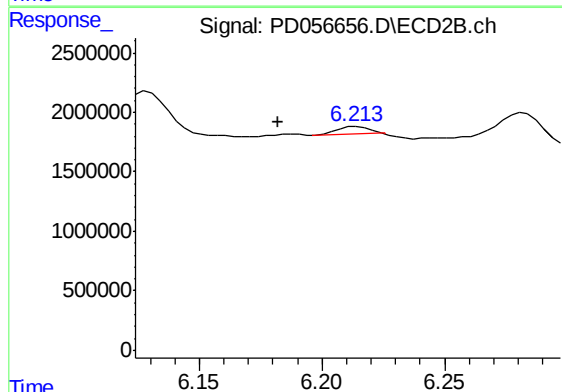
R.T.: 5.808 min  
Delta R.T.: -0.019 min  
Response: 5239673  
Conc: 3.38 ng/ml



#9 Endosulfan I

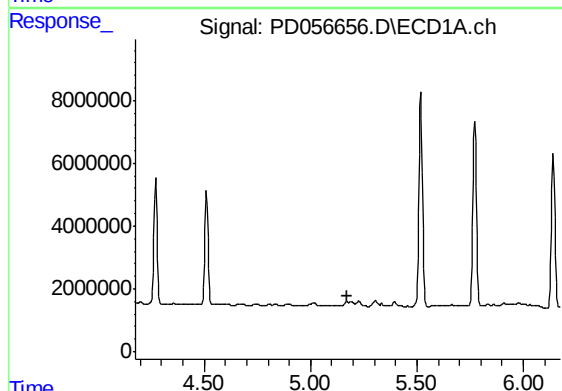
R.T.: 0.000 min  
Exp R.T. : 5.284 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



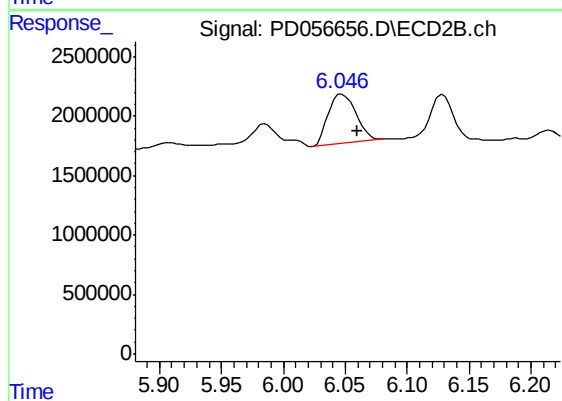
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.032 min  
Response: 574400  
Conc: 0.40 ng/ml



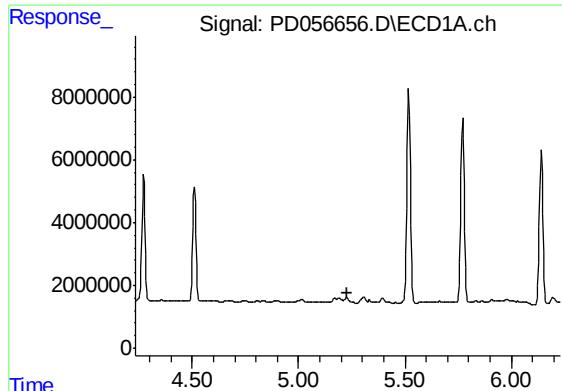
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

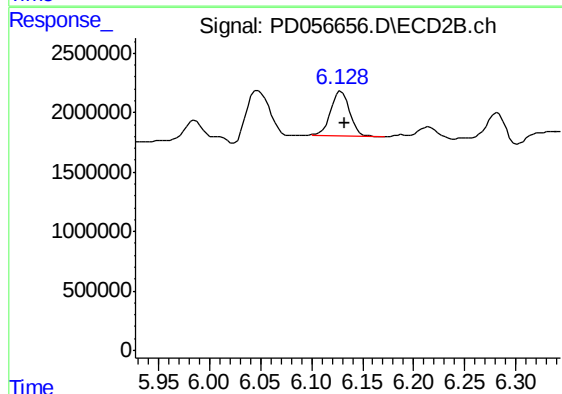
R.T.: 6.047 min  
Delta R.T.: -0.013 min  
Response: 6512447  
Conc: 3.94 ng/ml



#11 cis-Chlordane

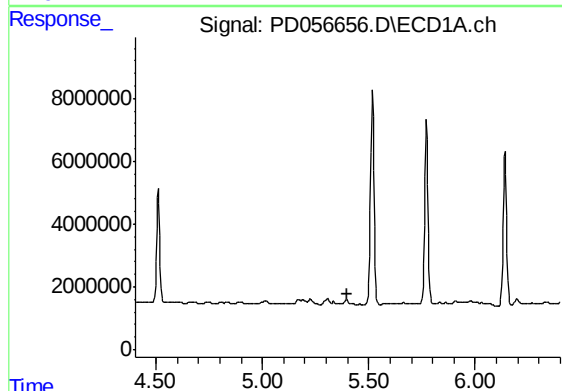
R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



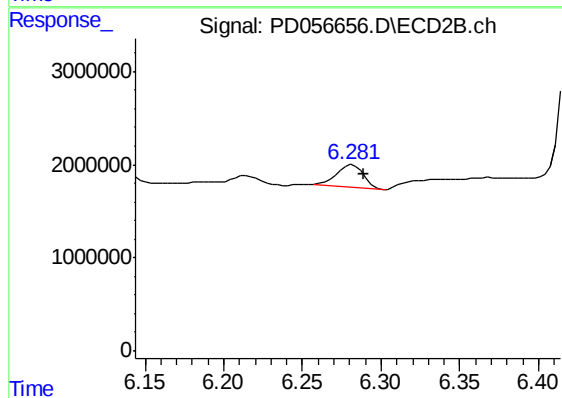
#11 cis-Chlordane

R.T.: 6.129 min  
Delta R.T.: -0.003 min  
Response: 4825043  
Conc: 2.99 ng/ml



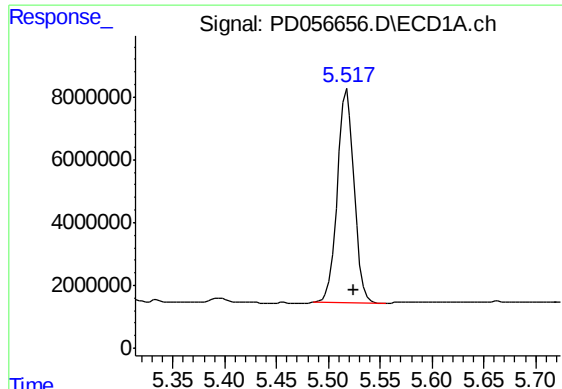
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

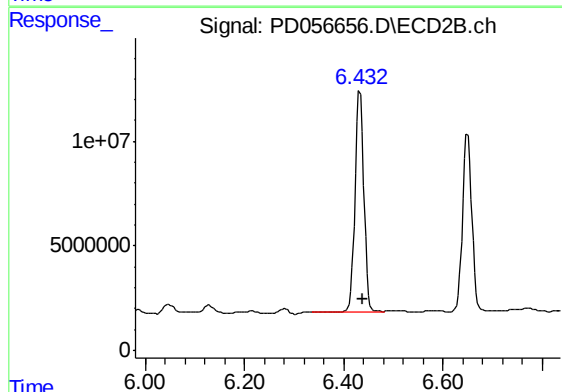
R.T.: 6.282 min  
Delta R.T.: -0.007 min  
Response: 2893176  
Conc: 1.84 ng/ml



#13 Dieldrin

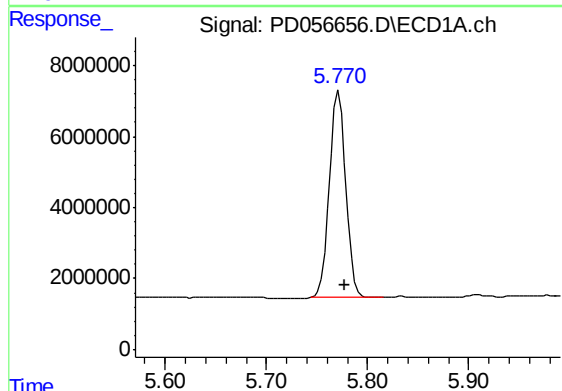
R.T.: 5.518 min  
Delta R.T.: -0.006 min  
Response: 77248546  
Conc: 76.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



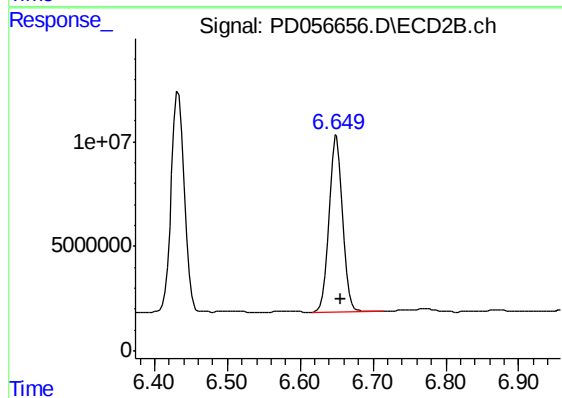
#13 Dieldrin

R.T.: 6.433 min  
Delta R.T.: -0.005 min  
Response: 132146746  
Conc: 84.09 ng/ml



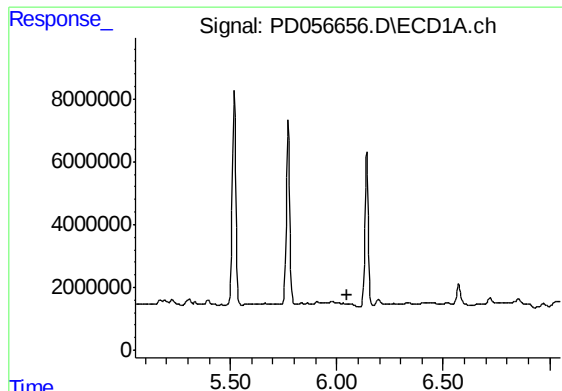
#14 Endrin

R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 65679354  
Conc: 78.59 ng/ml



#14 Endrin

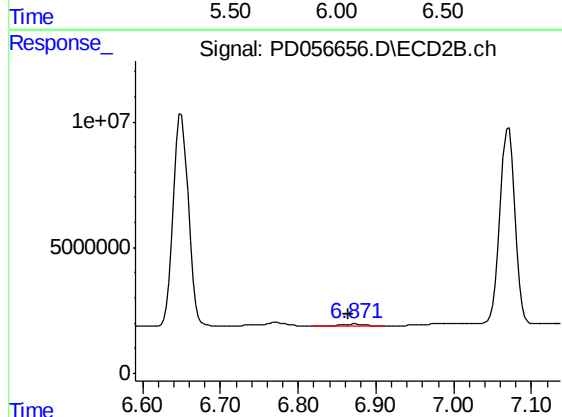
R.T.: 6.650 min  
Delta R.T.: -0.005 min  
Response: 110862418  
Conc: 87.60 ng/ml



#15 Endosulfan II

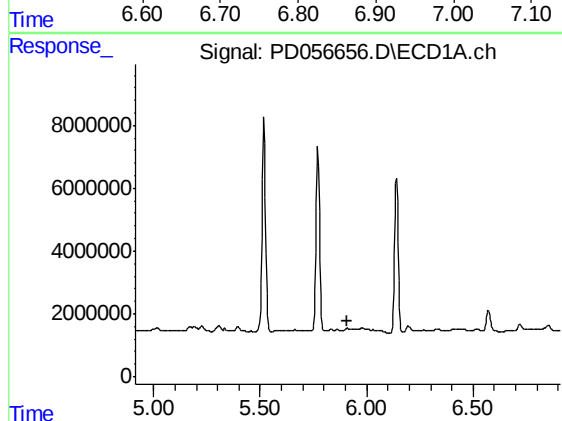
R.T.: 0.000 min  
Exp R.T.: 6.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



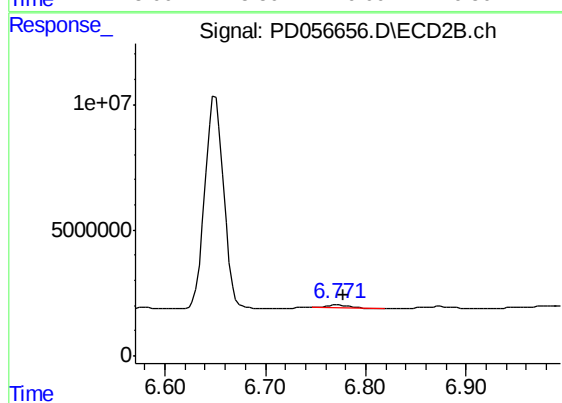
#15 Endosulfan II

R.T.: 6.873 min  
Delta R.T.: 0.009 min  
Response: 1915736  
Conc: 1.31 ng/ml



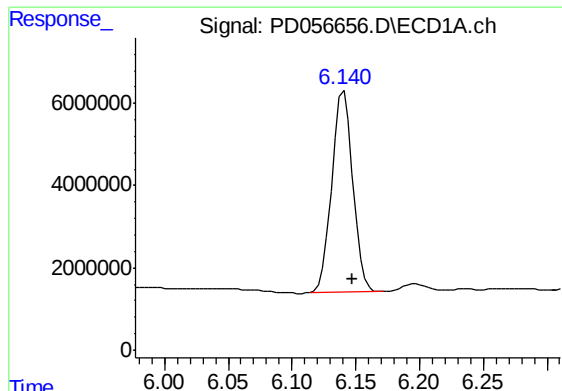
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.912 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

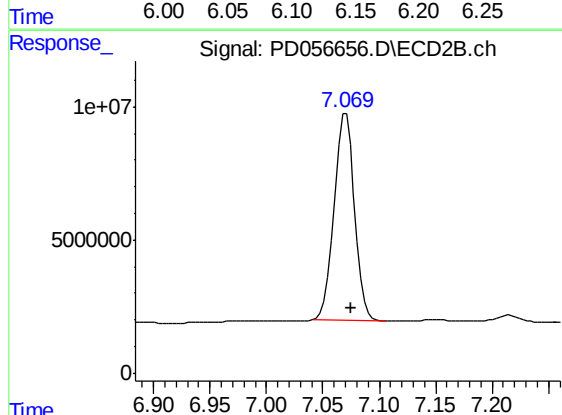
R.T.: 6.772 min  
Delta R.T.: -0.005 min  
Response: 1523503  
Conc: 1.29 ng/ml



#17 4,4'-DDT

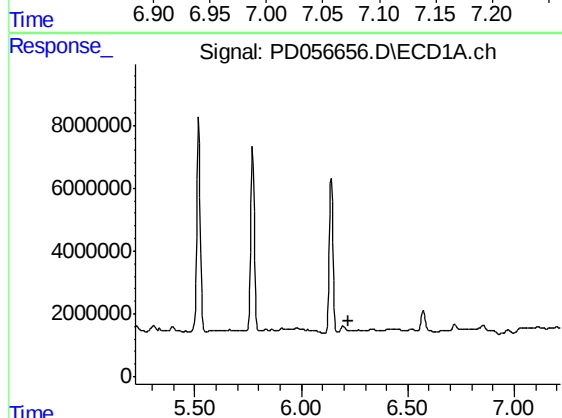
R.T.: 6.141 min  
Delta R.T.: -0.006 min  
Response: 55971283  
Conc: 79.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



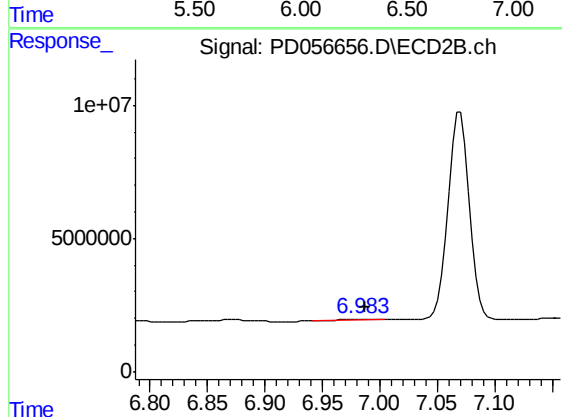
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: -0.005 min  
Response: 98808229  
Conc: 83.58 ng/ml



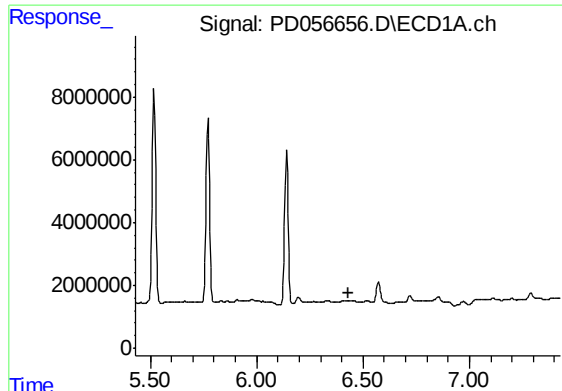
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.219 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

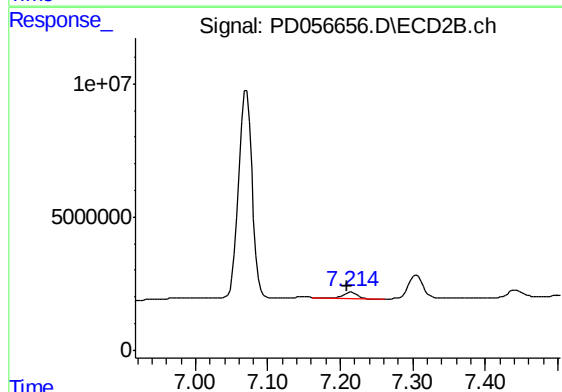
R.T.: 6.984 min  
Delta R.T.: -0.003 min  
Response: 677578  
Conc: 0.56 ng/ml



#19 Endosulfan Sulfate

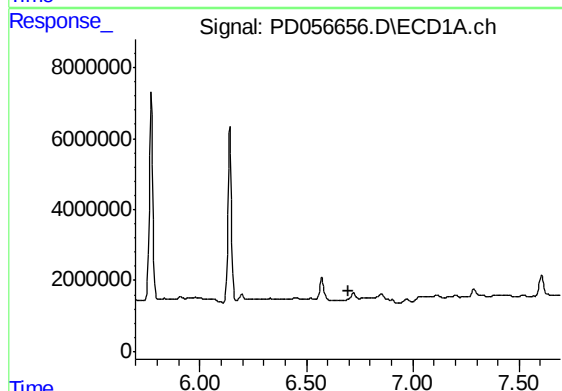
R.T.: 0.000 min  
Exp R.T. : 6.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



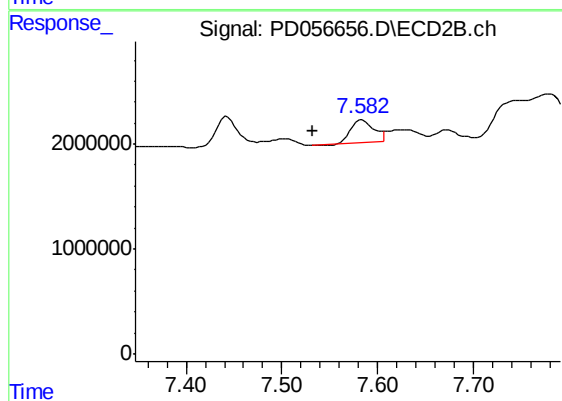
#19 Endosulfan Sulfate

R.T.: 7.215 min  
Delta R.T.: 0.006 min  
Response: 3528519  
Conc: 2.64 ng/ml



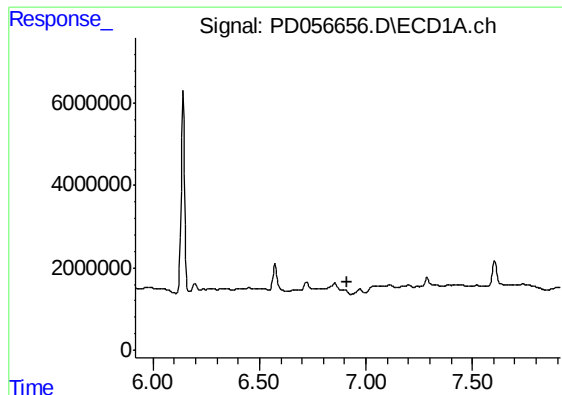
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.696 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

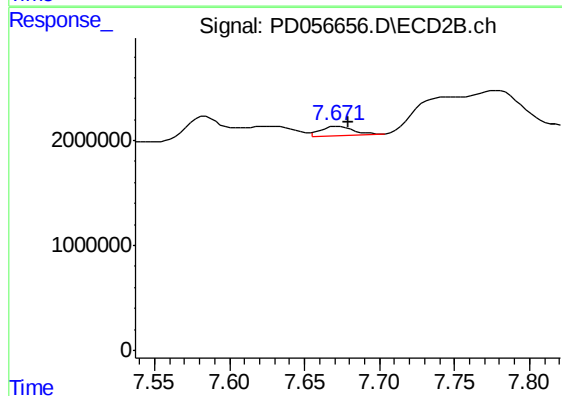
R.T.: 7.583 min  
Delta R.T.: 0.051 min  
Response: 3660592  
Conc: 6.04 ng/ml



#21 Endrin ketone

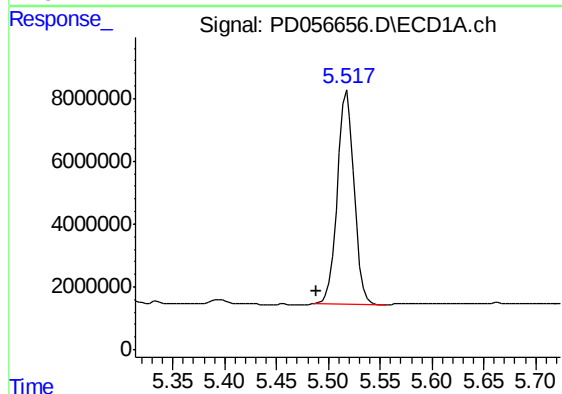
R.T.: 0.000 min  
Exp R.T.: 6.915 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



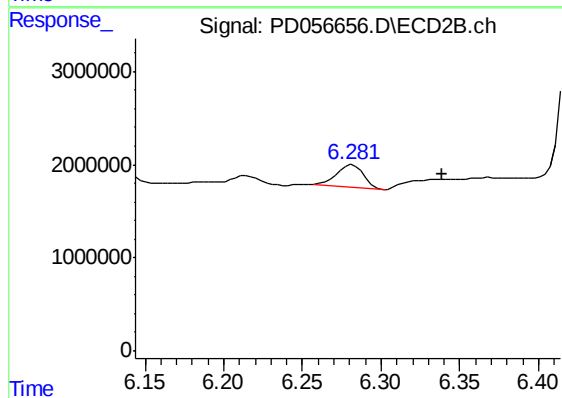
#21 Endrin ketone

R.T.: 7.673 min  
Delta R.T.: -0.006 min  
Response: 1238653  
Conc: 0.84 ng/ml



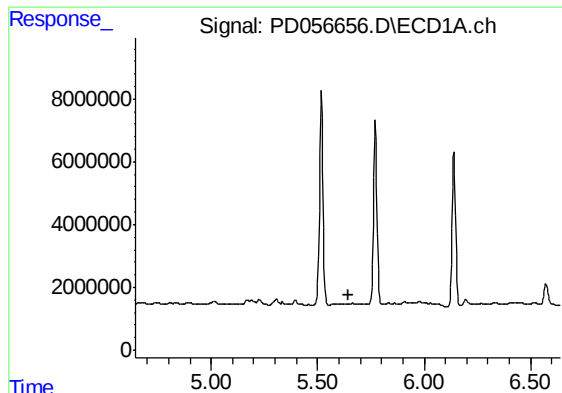
#22 Toxaphene-1

R.T.: 5.518 min  
Delta R.T.: 0.029 min  
Response: 77248546  
Conc: 8573.81 ng/ml



#22 Toxaphene-1

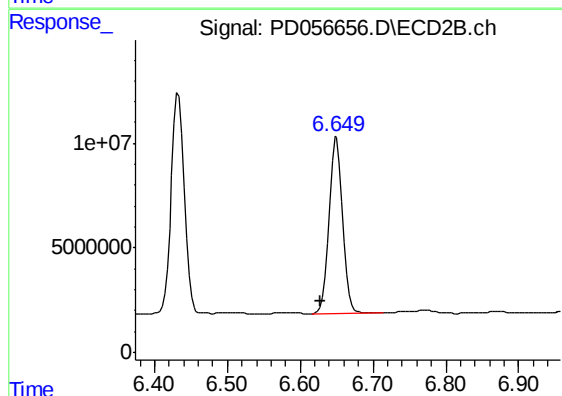
R.T.: 6.282 min  
Delta R.T.: -0.057 min  
Response: 2893176  
Conc: 257.70 ng/ml



#23 Toxaphene-2

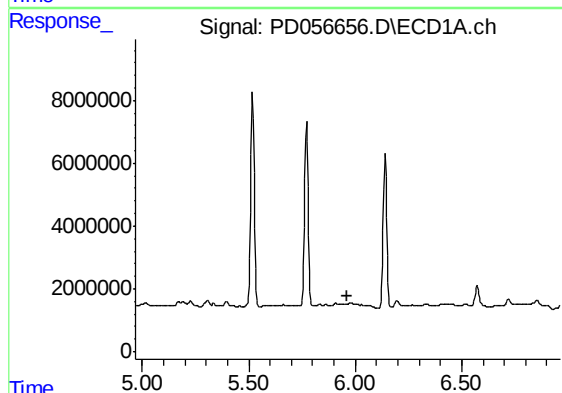
R.T.: 0.000 min  
Exp R.T.: 5.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



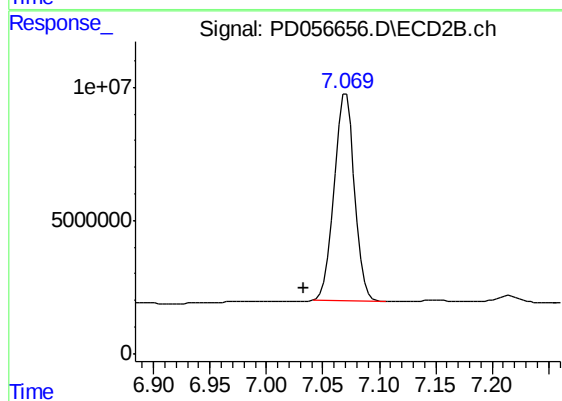
#23 Toxaphene-2

R.T.: 6.650 min  
Delta R.T.: 0.022 min  
Response: 110862418  
Conc: 8033.30 ng/ml



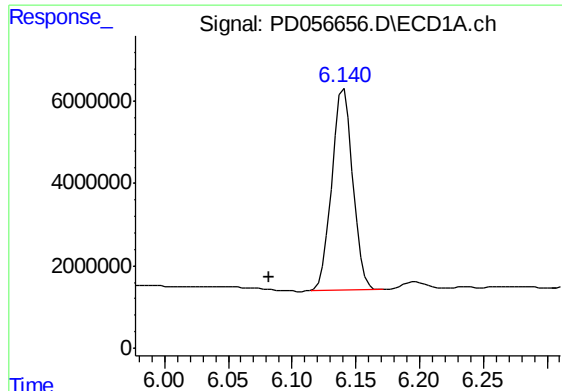
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

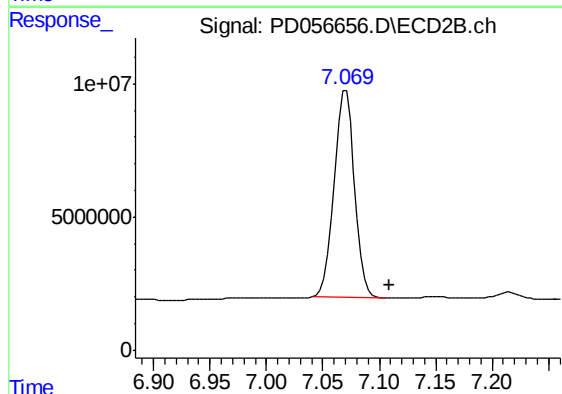
R.T.: 7.070 min  
Delta R.T.: 0.037 min  
Response: 98808229  
Conc: 5022.95 ng/ml



#25 Toxaphene-4

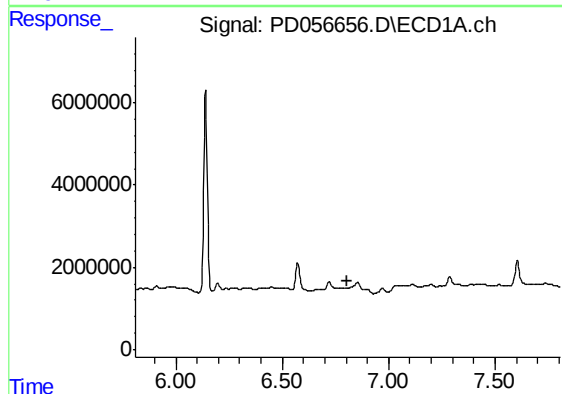
R.T.: 6.141 min  
Delta R.T.: 0.058 min  
Response: 55971283  
Conc: 2259.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



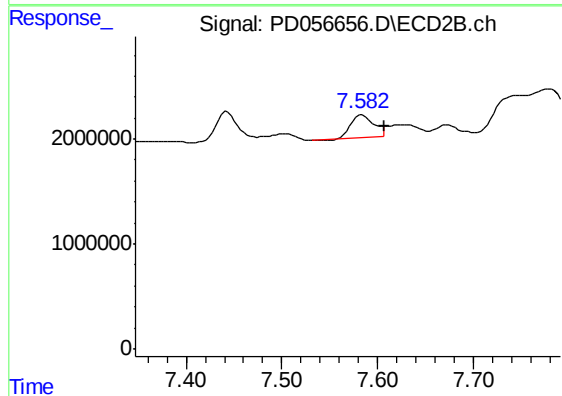
#25 Toxaphene-4

R.T.: 7.070 min  
Delta R.T.: -0.039 min  
Response: 98808229  
Conc: 1789.51 ng/ml



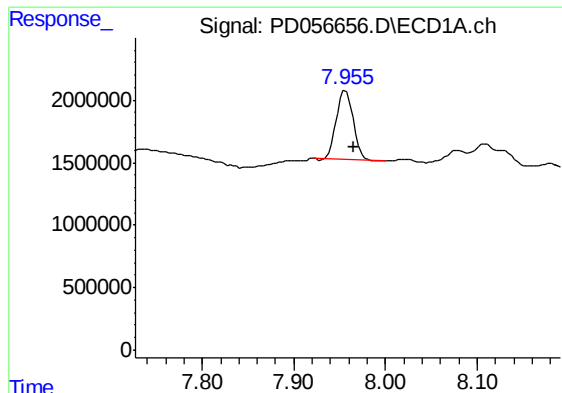
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.808 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

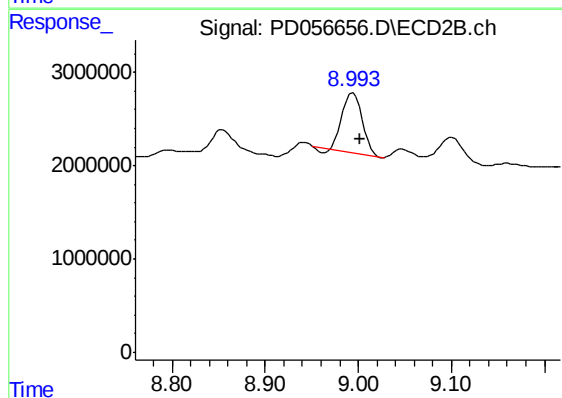
R.T.: 7.583 min  
Delta R.T.: -0.024 min  
Response: 3660592  
Conc: 143.22 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.957 min  
Delta R.T.: -0.009 min  
Response: 7082789  
Conc: 7.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFPZ6MSD



#27 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: -0.008 min  
Response: 9364740  
Conc: 7.78 ng/ml