

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122019\  
 Data File : PD056682.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2019 14:09  
 Operator : SG\AJ  
 Sample : K6257-15MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFF01MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 22:13:12 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 | 11170086 | 20808804 | 13.487    | 17.308 #  |
| 27)                         | SA Decachlor... | 7.957  | 8.994 | 18314981 | 26226549 | 20.283    | 21.798    |
| Target Compounds            |                 |        |       |          |          |           |           |
| 3)                          | MA gamma-BHC... | 3.987  | 4.629 | 68673289 | 124.7E6  | 61.155    | 77.254 #  |
| 4)                          | MA Heptachlor   | 4.273  | 5.135 | 66190830 | 124.5E6  | 65.671    | 76.388    |
| 5)                          | MB Aldrin       | 4.511  | 5.439 | 62737014 | 115.7E6  | 57.769    | 70.429    |
| 6)                          | B beta-BHC      | 4.273f | 0.000 | 66190830 | 0        | 122.977   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.284 | 0        | 1616253  | N.D.      | 1.029     |
| 13)                         | MA Dieldrin     | 5.518  | 6.433 | 127.1E6  | 224.8E6  | 125.098   | 143.037   |
| 14)                         | MA Endrin       | 5.771  | 6.650 | 108.5E6  | 185.0E6  | 129.775   | 146.172   |
| 15)                         | B Endosulfa...  | 0.000  | 6.867 | 0        | 1563604  | N.D.      | 1.067     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.772 | 0        | 2766722  | N.D.      | 2.351     |
| 17)                         | MA 4,4'-DDT     | 6.140  | 7.070 | 97077104 | 169.7E6  | 137.964   | 143.563   |
| 21)                         | B Endrin ke...  | 0.000  | 7.672 | 0        | 4599254  | N.D.      | 3.126     |
| 22)                         | Toxaphene-1     | 5.518  | 6.284 | 127.1E6  | 1616253  | 14103.410 | 143.962 # |
| 23)                         | Toxaphene-2     | 0.000  | 6.650 | 0        | 185.0E6  | N.D.      | 13404.925 |
| 24)                         | Toxaphene-3     | 0.000  | 7.070 | 0        | 169.7E6  | N.D.      | 8627.439  |
| 25)                         | Toxaphene-4     | 6.140  | 7.070 | 97077104 | 169.7E6  | 3918.280  | 3073.664  |
| 26)                         | Toxaphene-5     | 0.000  | 7.624 | 0        | 1784356  | N.D.      | 69.813    |
| -----                       |                 |        |       |          |          |           |           |

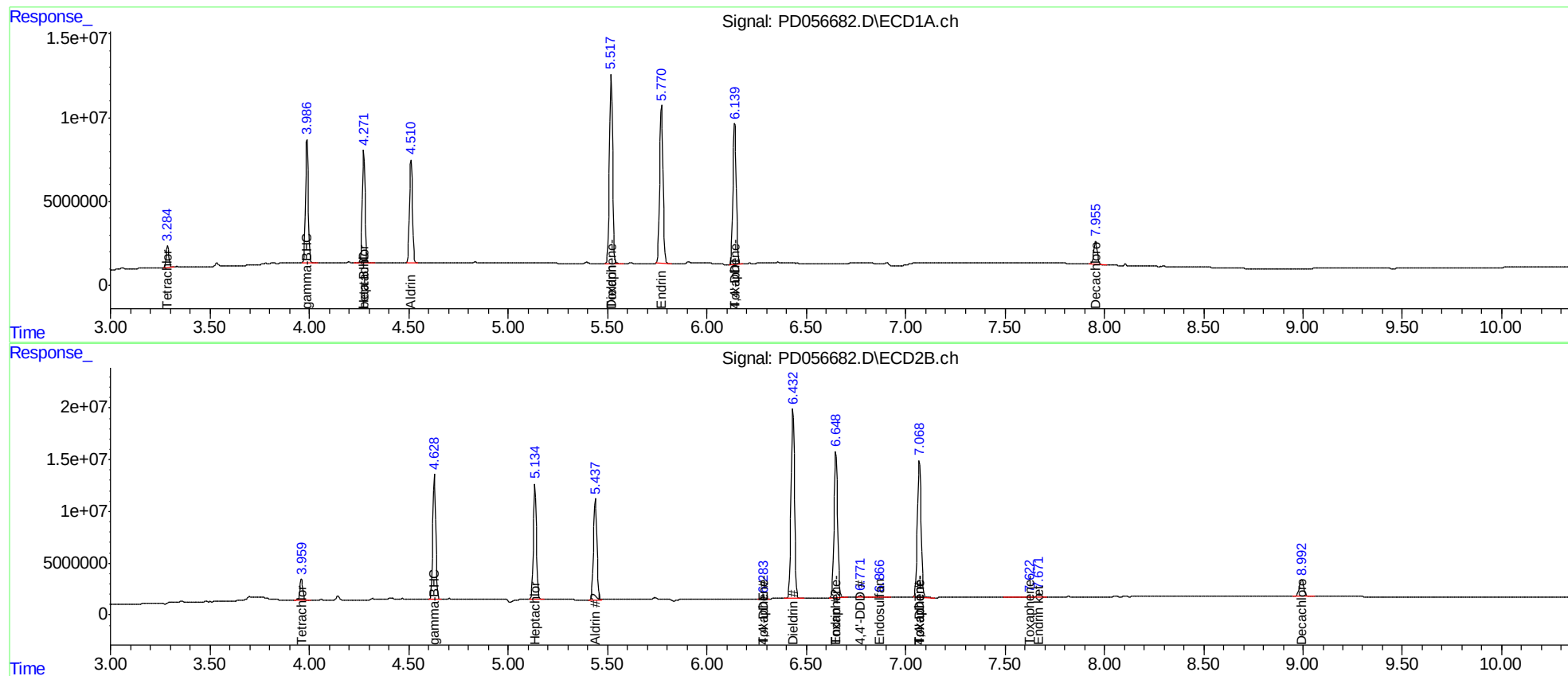
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

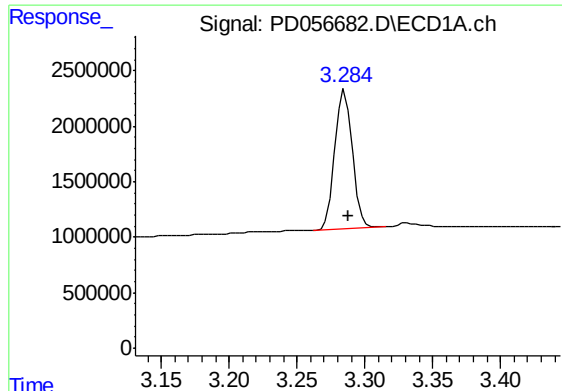
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122019\  
Data File : PD056682.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Dec 2019 14:09  
Operator : SG\AJ  
Sample : K6257-15MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 22:13:12 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

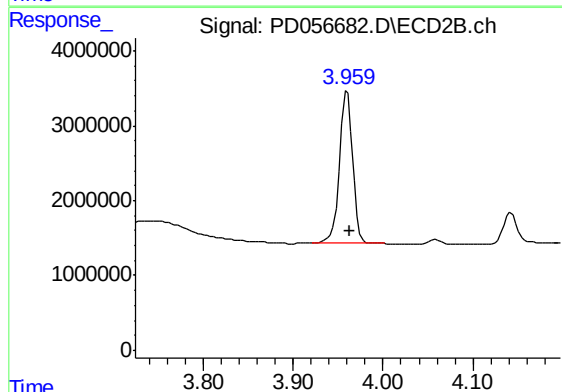




#1 Tetrachloro-m-xylene

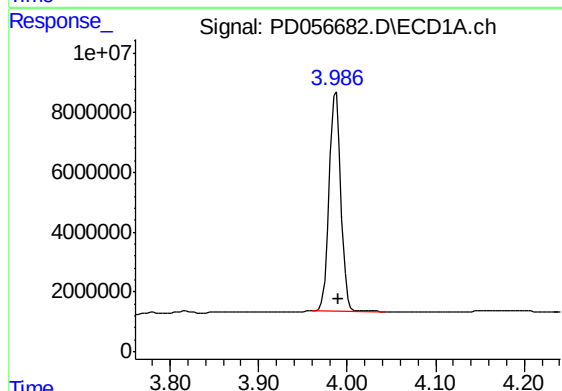
R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 11170086  
Conc: 13.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



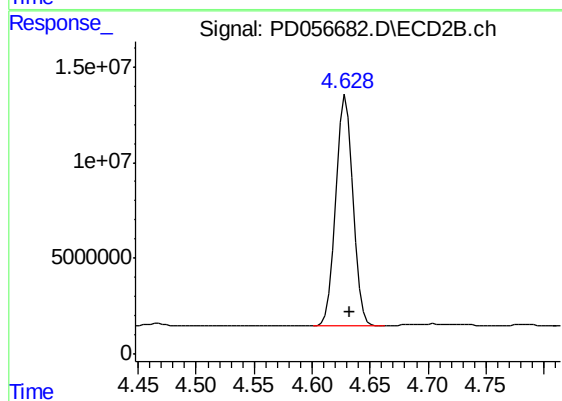
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.002 min  
Response: 20808804  
Conc: 17.31 ng/ml



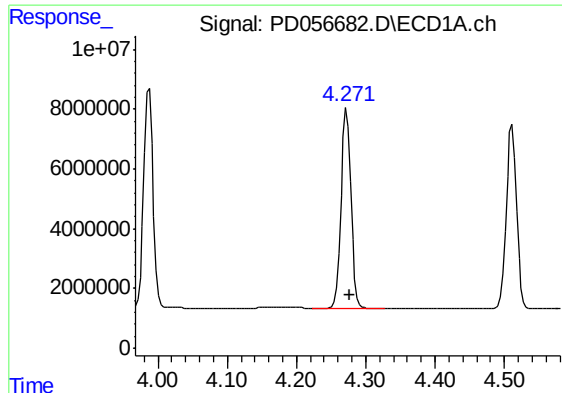
#3 gamma-BHC (Lindane)

R.T.: 3.987 min  
Delta R.T.: -0.003 min  
Response: 68673289  
Conc: 61.15 ng/ml



#3 gamma-BHC (Lindane)

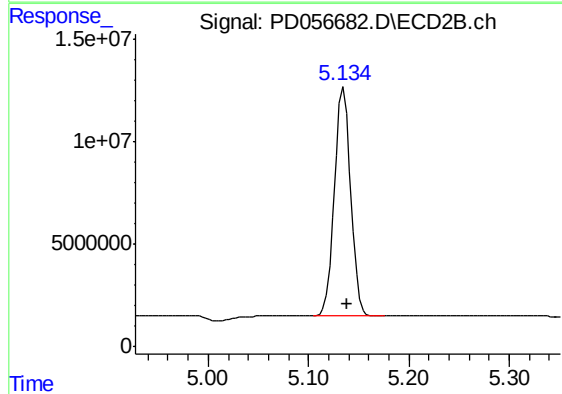
R.T.: 4.629 min  
Delta R.T.: -0.003 min  
Response: 124674847  
Conc: 77.25 ng/ml



#4 Heptachlor

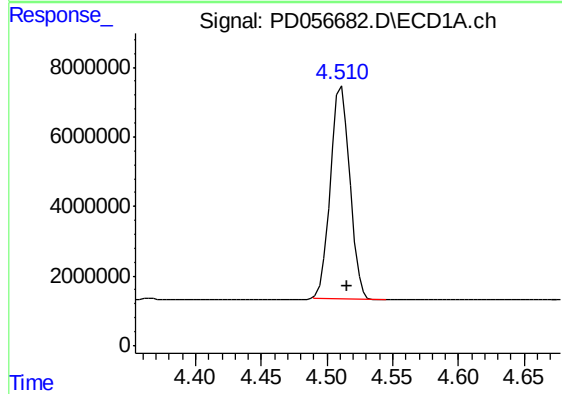
R.T.: 4.273 min  
Delta R.T.: -0.004 min  
Response: 66190830  
Conc: 65.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



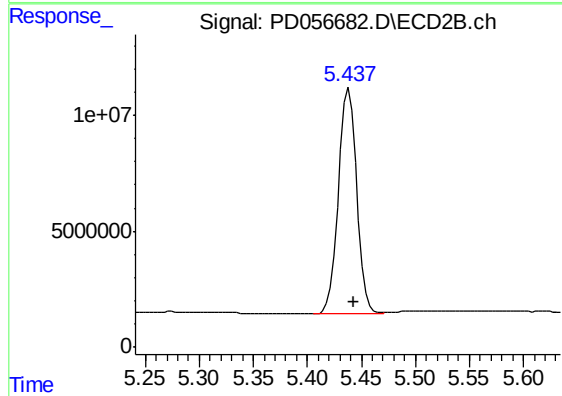
#4 Heptachlor

R.T.: 5.135 min  
Delta R.T.: -0.003 min  
Response: 124497292  
Conc: 76.39 ng/ml



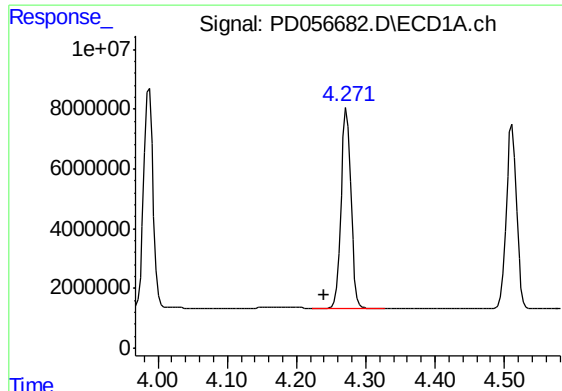
#5 Aldrin

R.T.: 4.511 min  
Delta R.T.: -0.005 min  
Response: 62737014  
Conc: 57.77 ng/ml



#5 Aldrin

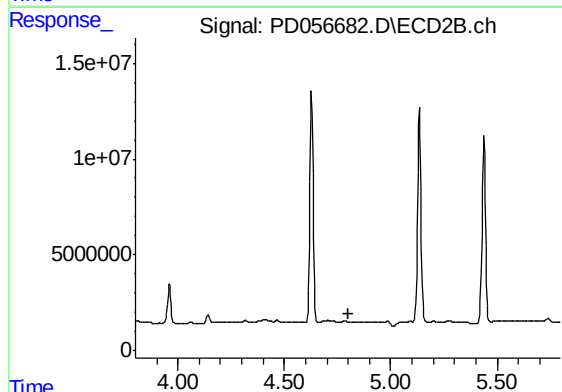
R.T.: 5.439 min  
Delta R.T.: -0.004 min  
Response: 115726911  
Conc: 70.43 ng/ml



#6 beta-BHC

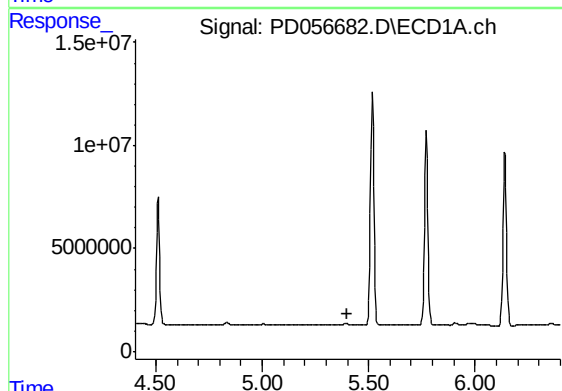
R.T.: 4.273 min  
Delta R.T.: 0.032 min  
Response: 66190830  
Conc: 122.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



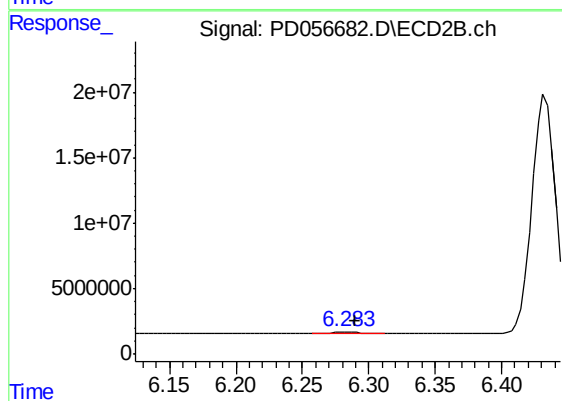
#6 beta-BHC

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



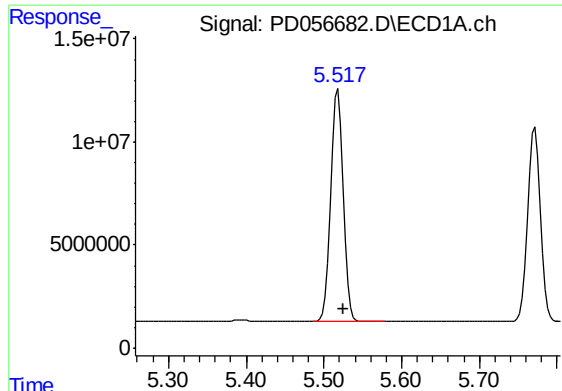
#12 4,4'-DDE

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



#12 4,4'-DDE

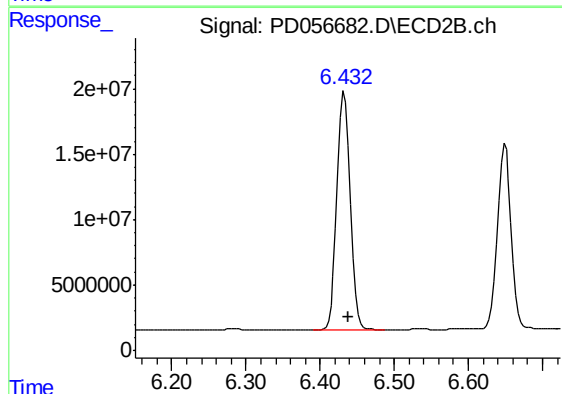
R.T.: 6.284 min  
Delta R.T.: -0.005 min  
Response: 1616253  
Conc: 1.03 ng/ml



#13 Dieldrin

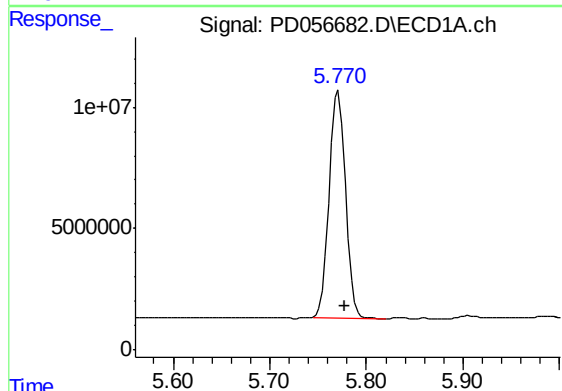
R.T.: 5.518 min  
Delta R.T.: -0.006 min  
Response: 127069349  
Conc: 125.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



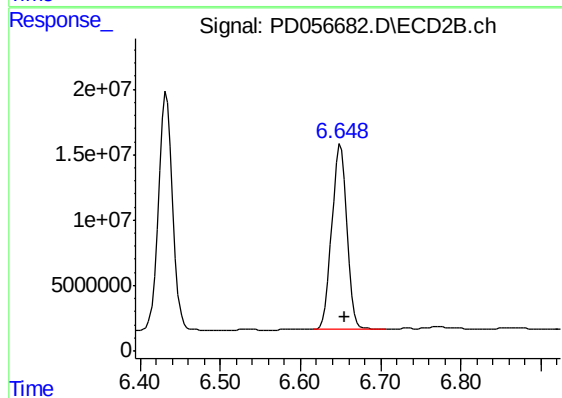
#13 Dieldrin

R.T.: 6.433 min  
Delta R.T.: -0.005 min  
Response: 224772038  
Conc: 143.04 ng/ml



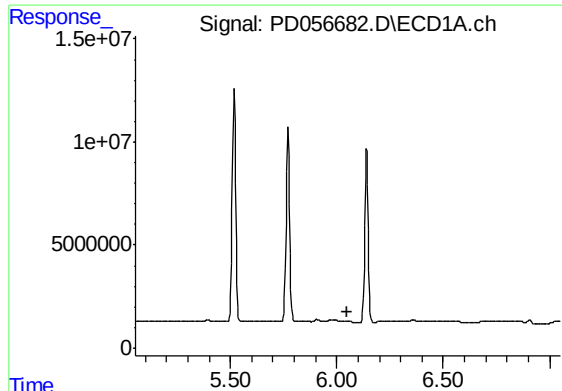
#14 Endrin

R.T.: 5.771 min  
Delta R.T.: -0.006 min  
Response: 108452083  
Conc: 129.78 ng/ml



#14 Endrin

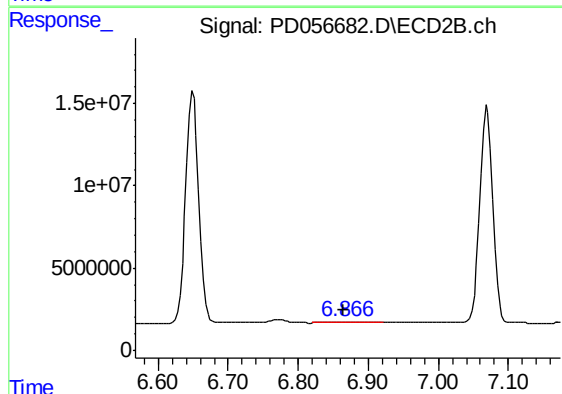
R.T.: 6.650 min  
Delta R.T.: -0.005 min  
Response: 184992714  
Conc: 146.17 ng/ml



#15 Endosulfan II

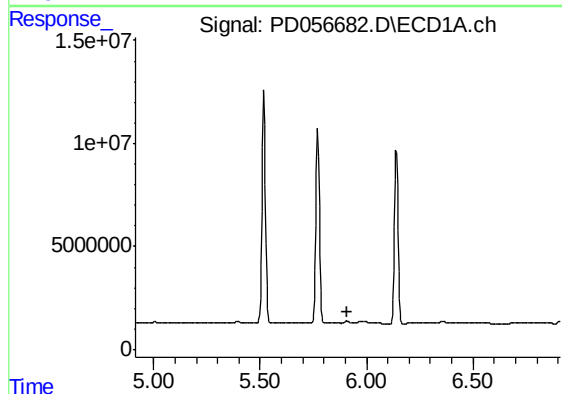
R.T.: 0.000 min  
Exp R.T.: 6.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



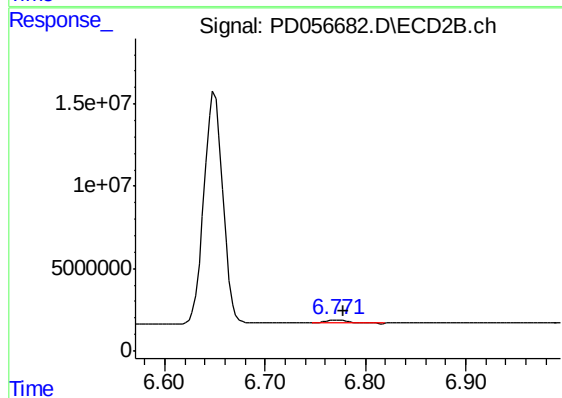
#15 Endosulfan II

R.T.: 6.867 min  
Delta R.T.: 0.004 min  
Response: 1563604  
Conc: 1.07 ng/ml



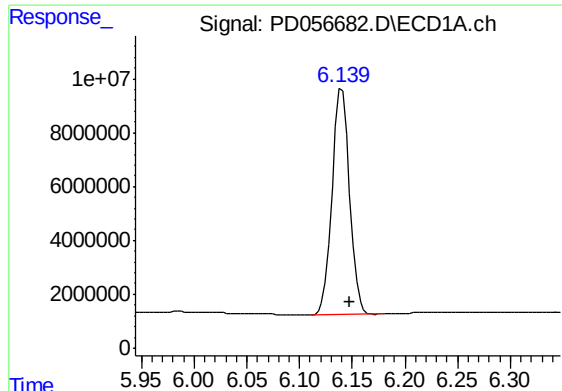
#16 4,4'-DDD

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



#16 4,4'-DDD

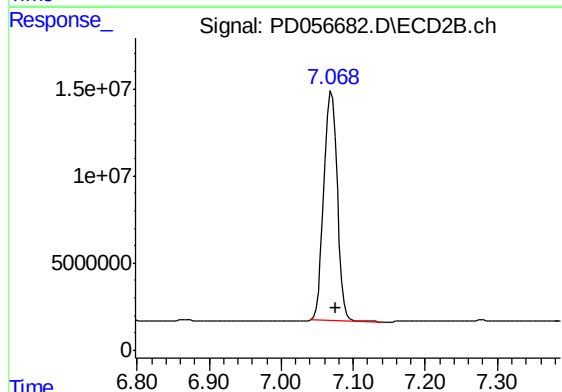
R.T.: 6.772 min  
Delta R.T.: -0.005 min  
Response: 2766722  
Conc: 2.35 ng/ml



#17 4,4'-DDT

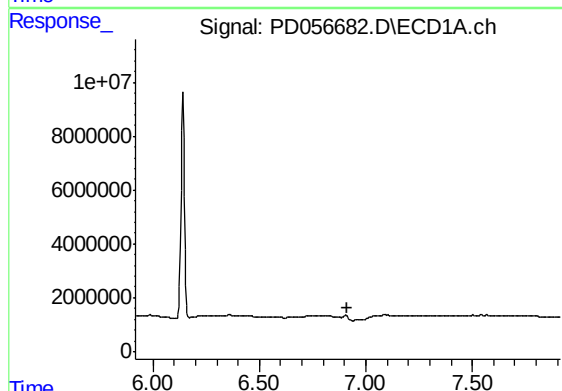
R.T.: 6.140 min  
Delta R.T.: -0.007 min  
Response: 97077104  
Conc: 137.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



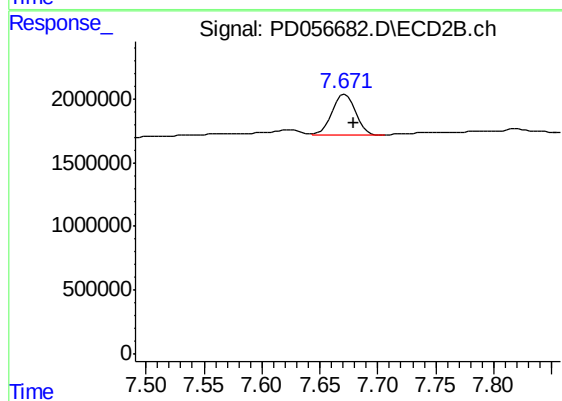
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: -0.006 min  
Response: 169713554  
Conc: 143.56 ng/ml



#21 Endrin ketone

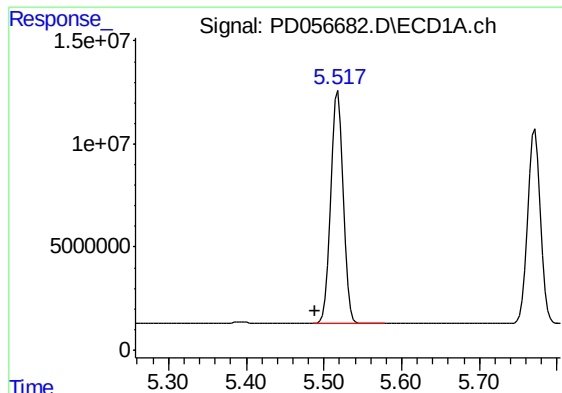
R.T.: 0.000 min  
Exp R.T. : 6.915 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

R.T.: 7.672 min  
Delta R.T.: -0.007 min  
Response: 4599254  
Conc: 3.13 ng/ml

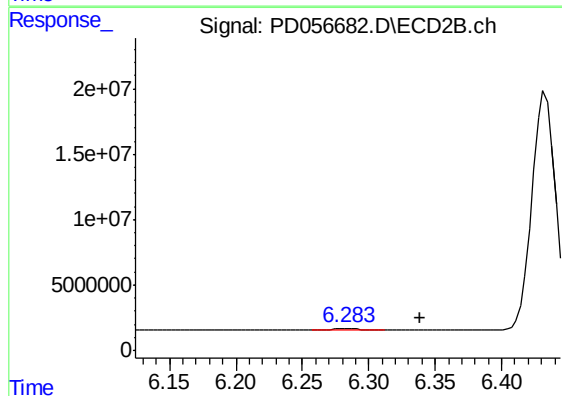




#22 Toxaphene-1

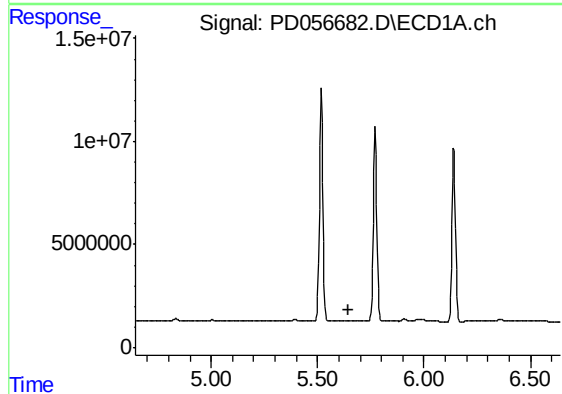
R.T.: 5.518 min  
Delta R.T.: 0.029 min  
Response: 127069349  
Conc: 14103.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



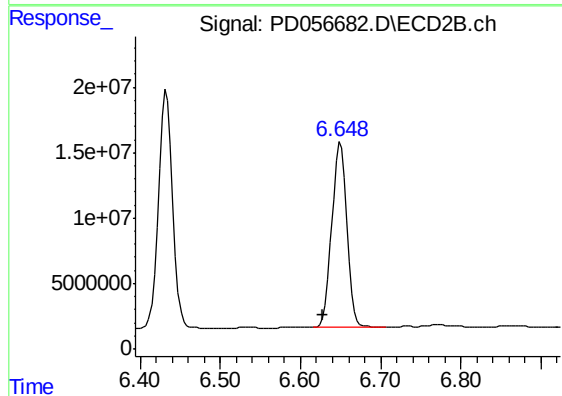
#22 Toxaphene-1

R.T.: 6.284 min  
Delta R.T.: -0.055 min  
Response: 1616253  
Conc: 143.96 ng/ml



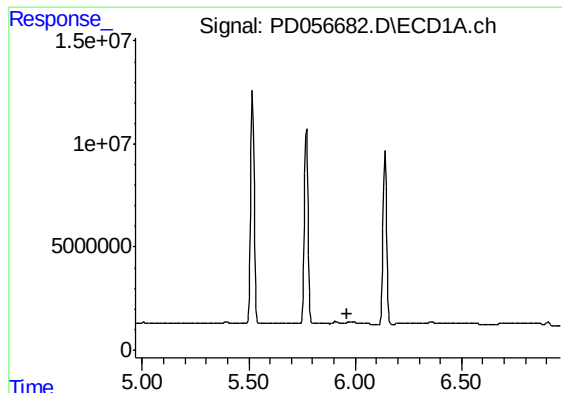
#23 Toxaphene-2

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



#23 Toxaphene-2

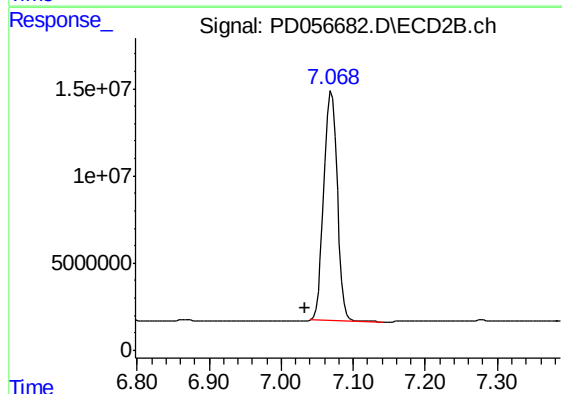
R.T.: 6.650 min  
Delta R.T.: 0.022 min  
Response: 184992714  
Conc: 13404.92 ng/ml



#24 Toxaphene-3

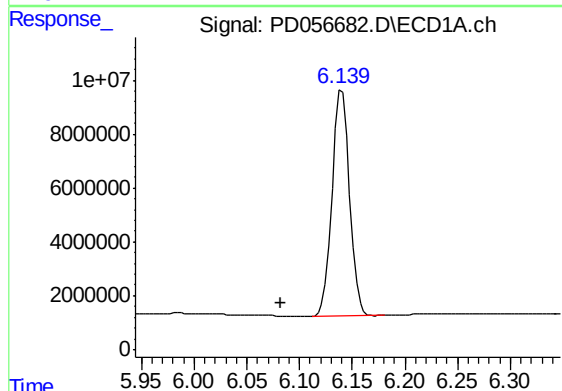
R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



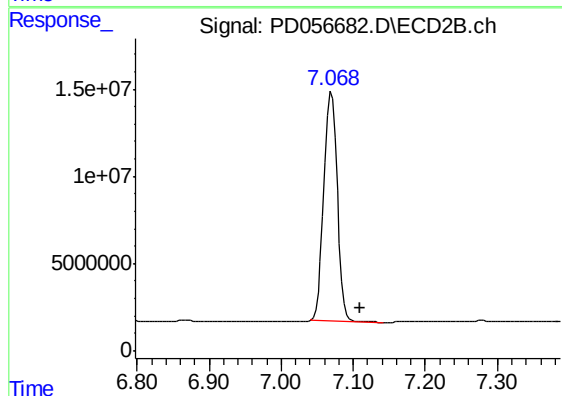
#24 Toxaphene-3

R.T.: 7.070 min  
Delta R.T.: 0.037 min  
Response: 169713554  
Conc: 8627.44 ng/ml



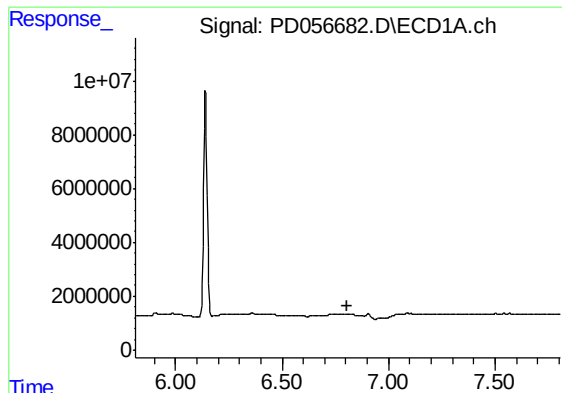
#25 Toxaphene-4

R.T.: 6.140 min  
Delta R.T.: 0.058 min  
Response: 97077104  
Conc: 3918.28 ng/ml



#25 Toxaphene-4

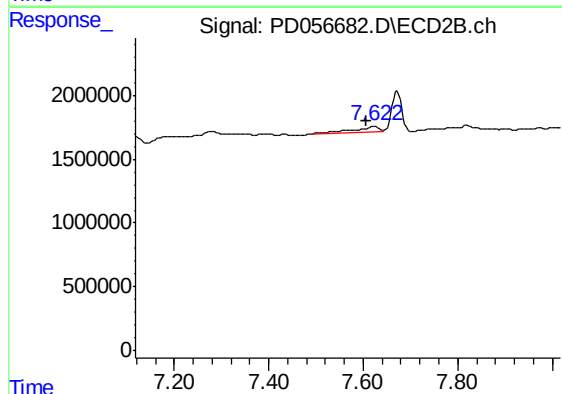
R.T.: 7.070 min  
Delta R.T.: -0.040 min  
Response: 169713554  
Conc: 3073.66 ng/ml



#26 Toxaphene-5

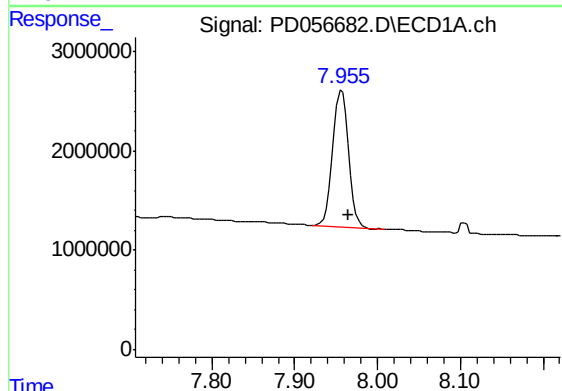
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFF01MS



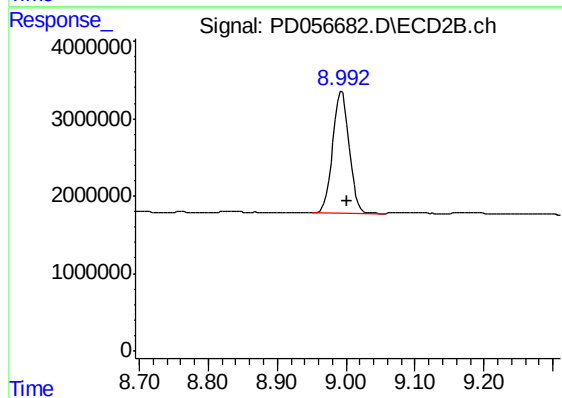
#26 Toxaphene-5

R.T.: 7.624 min  
Delta R.T.: 0.016 min  
Response: 1784356  
Conc: 69.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.957 min  
Delta R.T.: -0.009 min  
Response: 18314981  
Conc: 20.28 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: -0.009 min  
Response: 26226549  
Conc: 21.80 ng/ml