

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121319\  
 Data File : PD056439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2019 15:56  
 Operator : SG\AJ  
 Sample : K6171-22MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0BW8MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 22:10:39 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... | 3.287  | 3.961 | 15614711 | 23989255 | 18.854    | 19.954     |
| 27)                         | SA Decachlor... | 7.959  | 8.996 | 29580634 | 40336745 | 32.759    | 33.526     |
| Target Compounds            |                 |        |       |          |          |           |            |
| 3)                          | MA gamma-BHC... | 3.989  | 4.630 | 67018358 | 99624416 | 59.681    | 61.732     |
| 4)                          | MA Heptachlor   | 4.274  | 5.136 | 64049398 | 102.3E6  | 63.546    | 62.748     |
| 5)                          | MB Aldrin       | 4.513  | 5.439 | 61114681 | 97527382 | 56.275    | 59.353     |
| 6)                          | B beta-BHC      | 4.274f | 4.784 | 64049398 | 1114896  | 118.998   | 1.353 #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.802 | 0        | 12104974 | N.D.      | 7.813      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.286 | 0        | 1701439  | N.D.      | 1.084      |
| 13)                         | MA Dieldrin     | 5.520  | 6.435 | 124.0E6  | 193.6E6  | 122.104   | 123.170    |
| 14)                         | MA Endrin       | 5.773  | 6.651 | 112.1E6  | 161.8E6  | 134.110   | 127.869    |
| 15)                         | B Endosulfa...  | 0.000  | 6.830 | 0        | 1196798  | N.D.      | 0.817      |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.774 | 0        | 2026997  | N.D.      | 1.723      |
| 17)                         | MA 4,4'-DDT     | 6.143  | 7.072 | 95142176 | 152.5E6  | 135.214   | 128.976    |
| 19)                         | B Endosulfa...  | 0.000  | 7.210 | 0        | 702634   | N.D.      | 0.526      |
| 21)                         | B Endrin ke...  | 0.000  | 7.674 | 0        | 4760387  | N.D.      | 3.235      |
| 22)                         | Toxaphene-1     | 5.520  | 6.286 | 124.0E6  | 1701439  | 13765.891 | 151.550 #  |
| 23)                         | Toxaphene-2     | 0.000  | 6.651 | 0        | 161.8E6  | N.D.      | 11726.389  |
| 24)                         | Toxaphene-3     | 0.000  | 7.072 | 0        | 152.5E6  | N.D.      | 7750.804   |
| 25)                         | Toxaphene-4     | 6.143  | 7.072 | 95142176 | 152.5E6  | 3840.181  | 2761.349 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.674 | 0        | 4760387  | N.D.      | 186.251    |
| -----                       |                 |        |       |          |          |           |            |

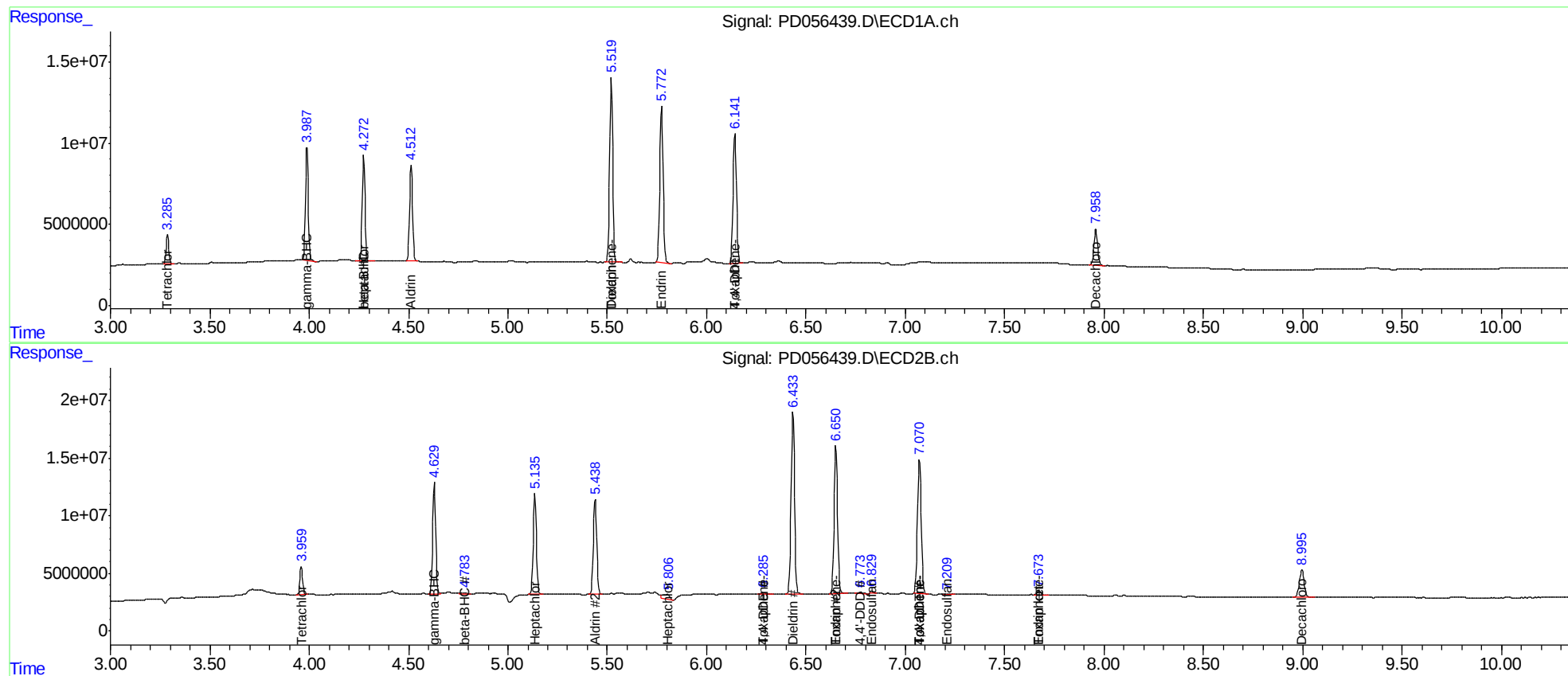
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

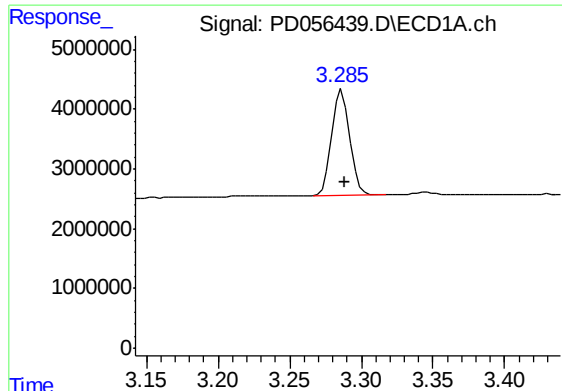
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121319\  
Data File : PD056439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2019 15:56  
Operator : SG\AJ  
Sample : K6171-22MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 22:10:39 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

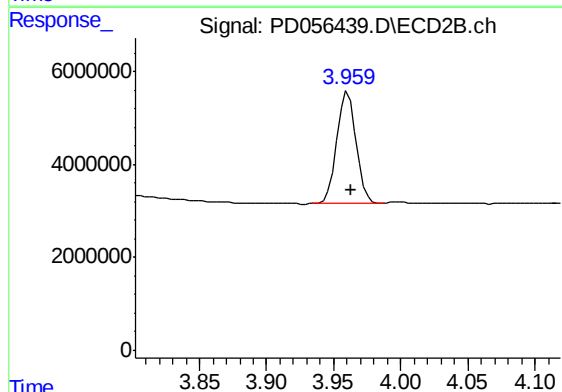




#1 Tetrachloro-m-xylene

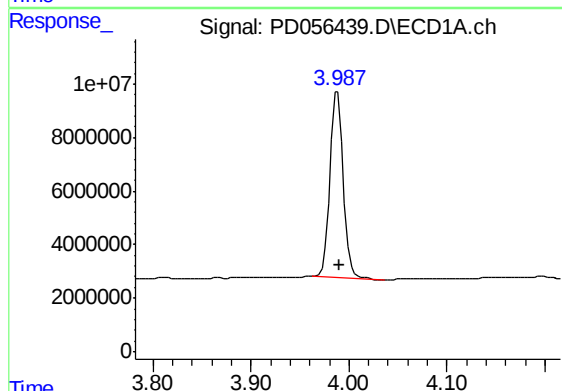
R.T.: 3.287 min  
Delta R.T.: -0.001 min  
Response: 15614711  
Conc: 18.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



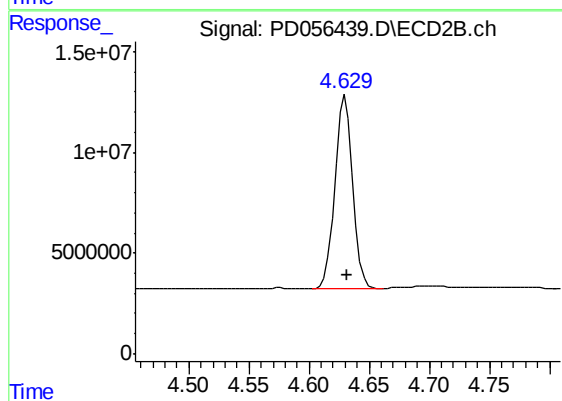
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 23989255  
Conc: 19.95 ng/ml



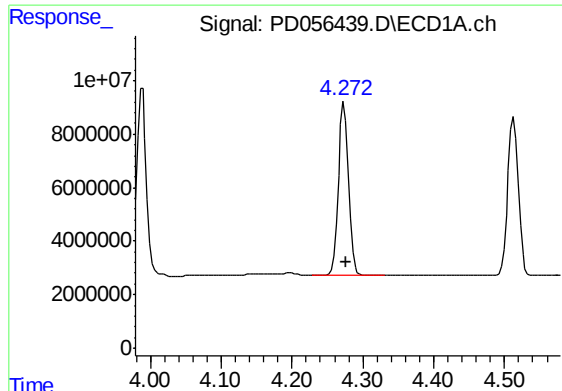
#3 gamma-BHC (Lindane)

R.T.: 3.989 min  
Delta R.T.: -0.002 min  
Response: 67018358  
Conc: 59.68 ng/ml



#3 gamma-BHC (Lindane)

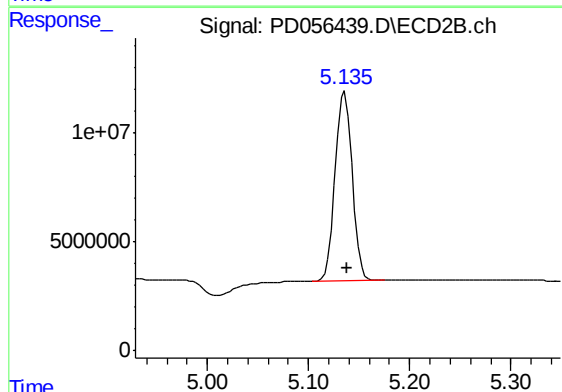
R.T.: 4.630 min  
Delta R.T.: -0.002 min  
Response: 99624416  
Conc: 61.73 ng/ml



#4 Heptachlor

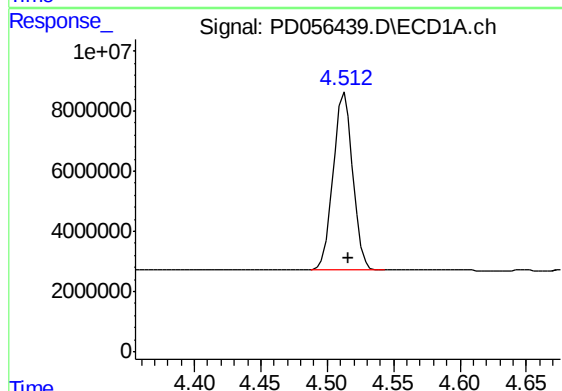
R.T.: 4.274 min  
Delta R.T.: -0.003 min  
Response: 64049398  
Conc: 63.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



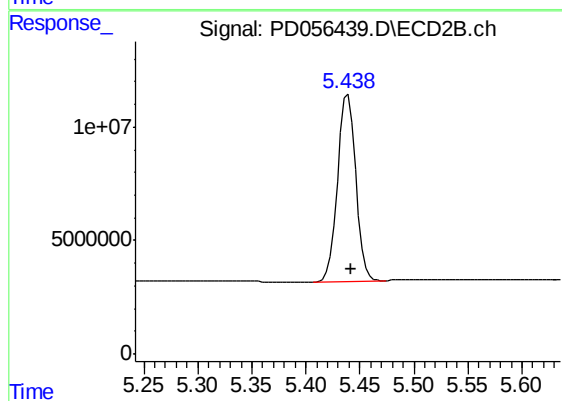
#4 Heptachlor

R.T.: 5.136 min  
Delta R.T.: -0.003 min  
Response: 102266805  
Conc: 62.75 ng/ml



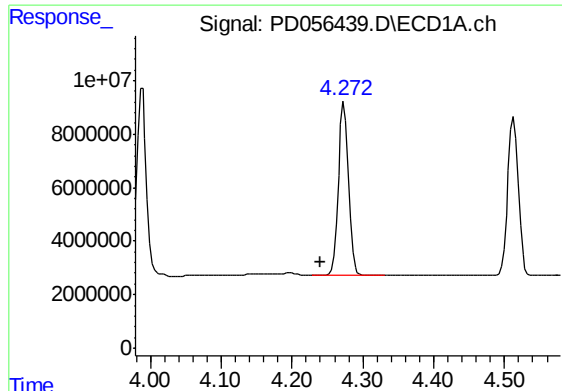
#5 Aldrin

R.T.: 4.513 min  
Delta R.T.: -0.003 min  
Response: 61114681  
Conc: 56.28 ng/ml



#5 Aldrin

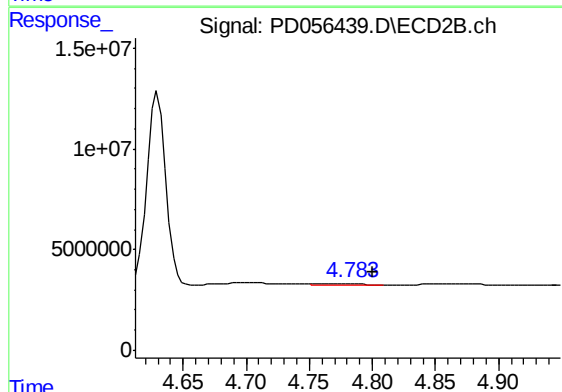
R.T.: 5.439 min  
Delta R.T.: -0.003 min  
Response: 97527382  
Conc: 59.35 ng/ml



#6 beta-BHC

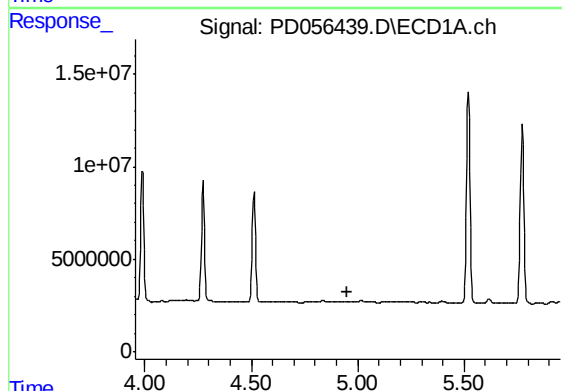
R.T.: 4.274 min  
Delta R.T.: 0.033 min  
Response: 64049398  
Conc: 119.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



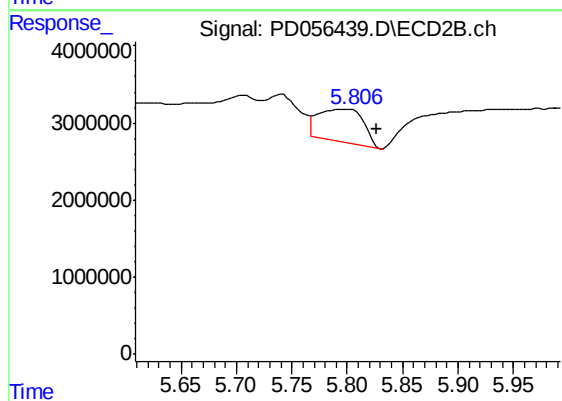
#6 beta-BHC

R.T.: 4.784 min  
Delta R.T.: -0.017 min  
Response: 1114896  
Conc: 1.35 ng/ml



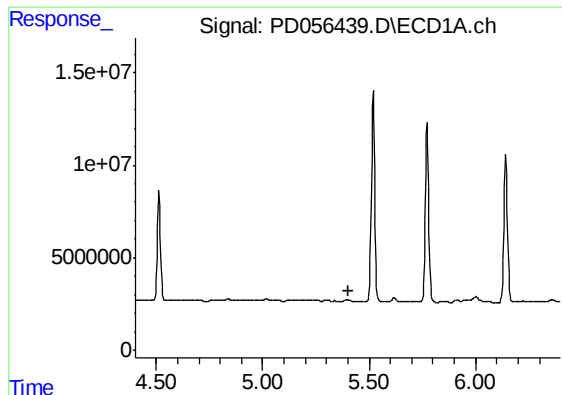
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

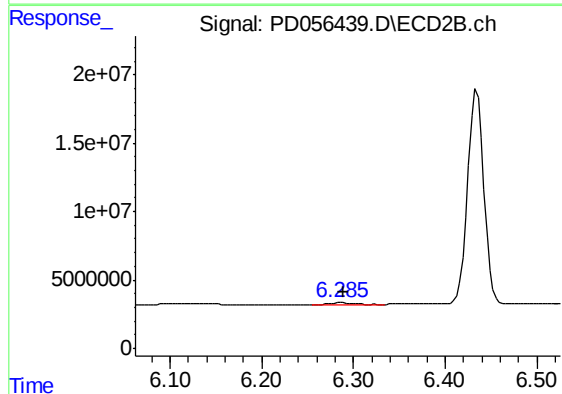
R.T.: 5.802 min  
Delta R.T.: -0.025 min  
Response: 12104974  
Conc: 7.81 ng/ml



#12 4,4'-DDE

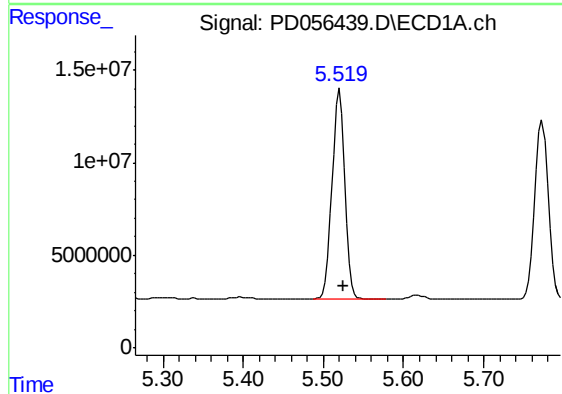
R.T.: 0.000 min  
Exp R.T.: 5.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



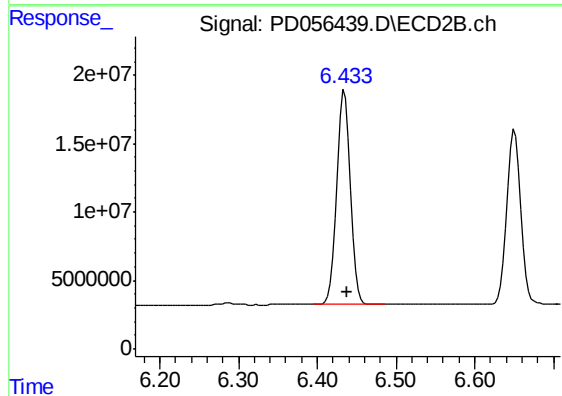
#12 4,4'-DDE

R.T.: 6.286 min  
Delta R.T.: -0.003 min  
Response: 1701439  
Conc: 1.08 ng/ml



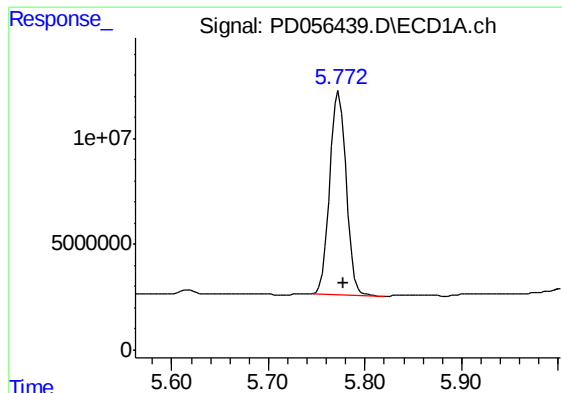
#13 Dieldrin

R.T.: 5.520 min  
Delta R.T.: -0.004 min  
Response: 124028355  
Conc: 122.10 ng/ml



#13 Dieldrin

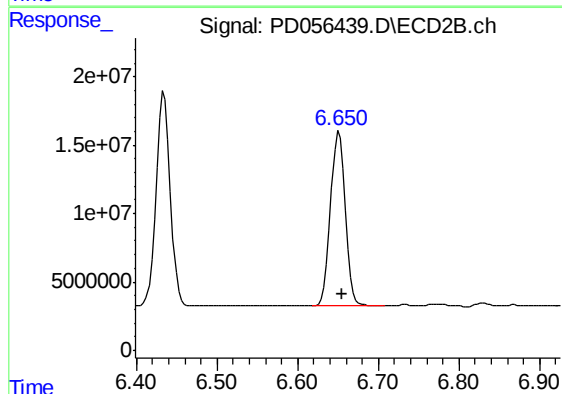
R.T.: 6.435 min  
Delta R.T.: -0.004 min  
Response: 193552276  
Conc: 123.17 ng/ml



#14 Endrin

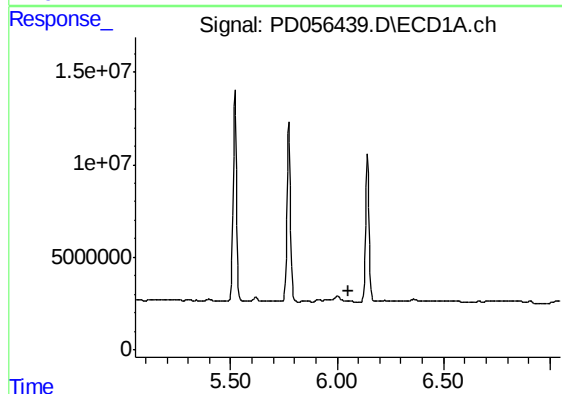
R.T.: 5.773 min  
Delta R.T.: -0.004 min  
Response: 112074872  
Conc: 134.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



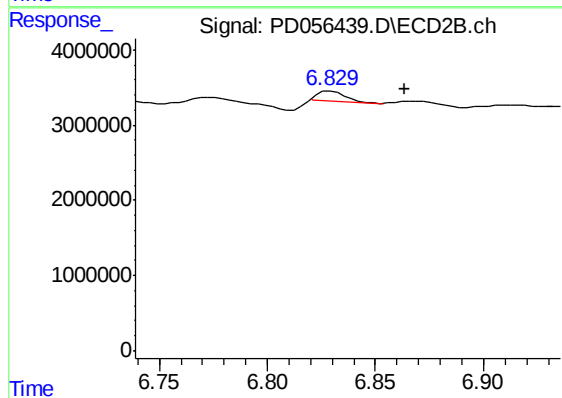
#14 Endrin

R.T.: 6.651 min  
Delta R.T.: -0.004 min  
Response: 161828320  
Conc: 127.87 ng/ml



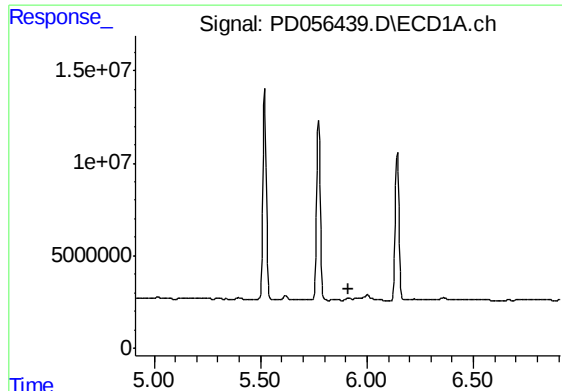
#15 Endosulfan II

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



#15 Endosulfan II

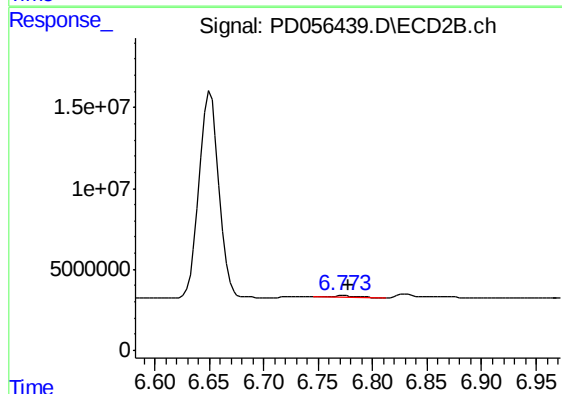
R.T.: 6.830 min  
Delta R.T.: -0.034 min  
Response: 1196798  
Conc: 0.82 ng/ml



#16 4,4'-DDD

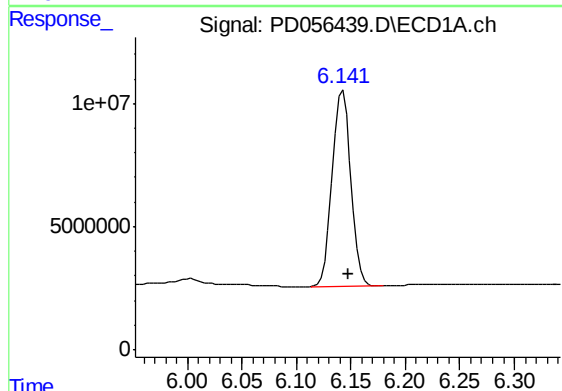
R.T.: 0.000 min  
Exp R.T.: 5.912 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



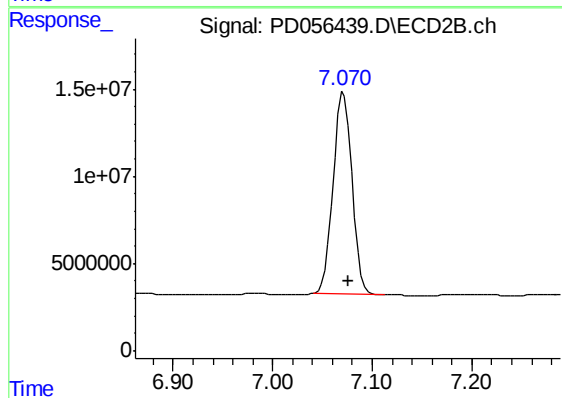
#16 4,4'-DDD

R.T.: 6.774 min  
Delta R.T.: -0.004 min  
Response: 2026997  
Conc: 1.72 ng/ml



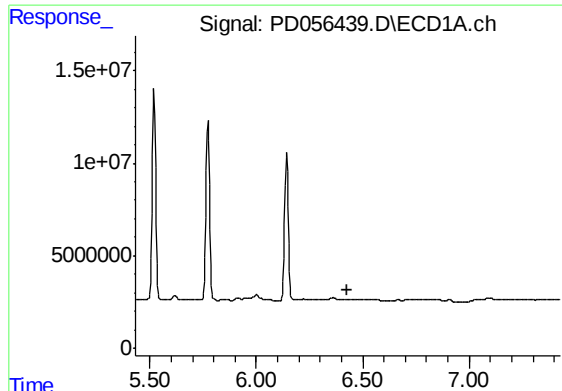
#17 4,4'-DDT

R.T.: 6.143 min  
Delta R.T.: -0.005 min  
Response: 95142176  
Conc: 135.21 ng/ml



#17 4,4'-DDT

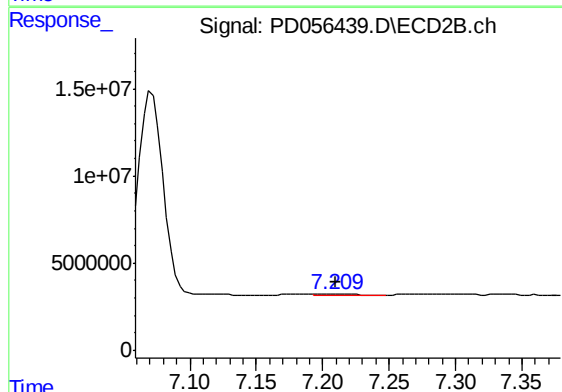
R.T.: 7.072 min  
Delta R.T.: -0.004 min  
Response: 152468945  
Conc: 128.98 ng/ml



#19 Endosulfan Sulfate

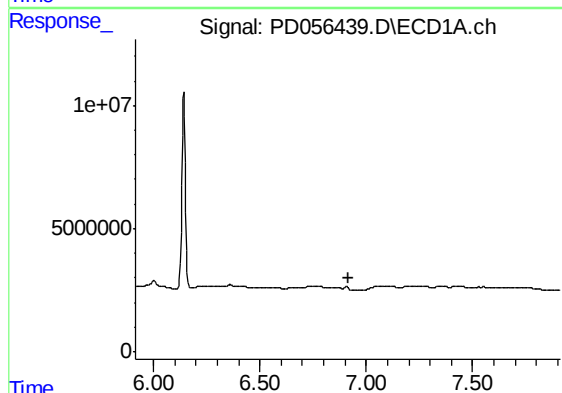
R.T.: 0.000 min  
Exp R.T. : 6.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



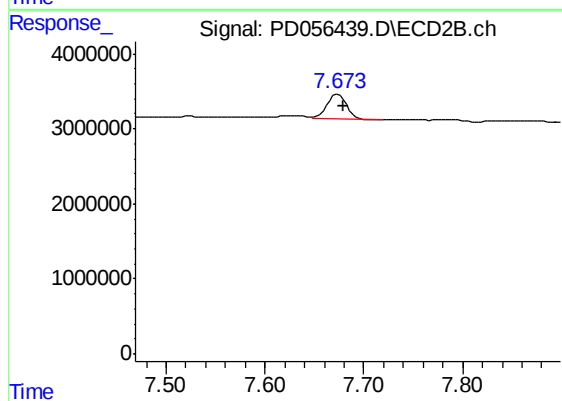
#19 Endosulfan Sulfate

R.T.: 7.210 min  
Delta R.T.: 0.000 min  
Response: 702634  
Conc: 0.53 ng/ml



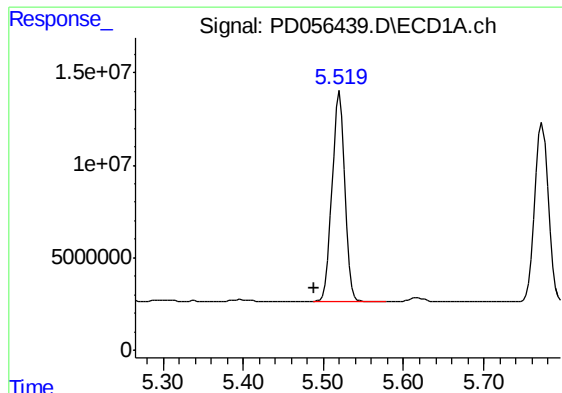
#21 Endrin ketone

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



#21 Endrin ketone

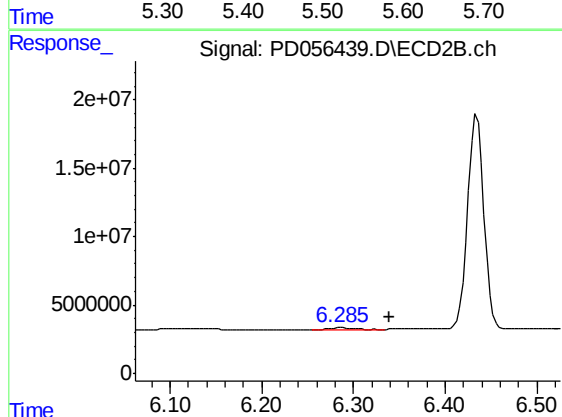
R.T.: 7.674 min  
Delta R.T.: -0.005 min  
Response: 4760387  
Conc: 3.24 ng/ml



#22 Toxaphene-1

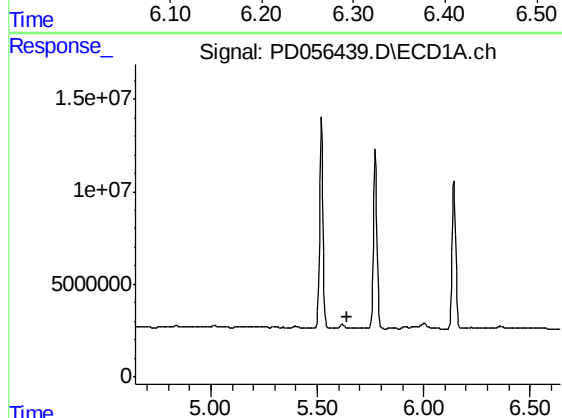
R.T.: 5.520 min  
Delta R.T.: 0.031 min  
Response: 124028355  
Conc: 13765.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



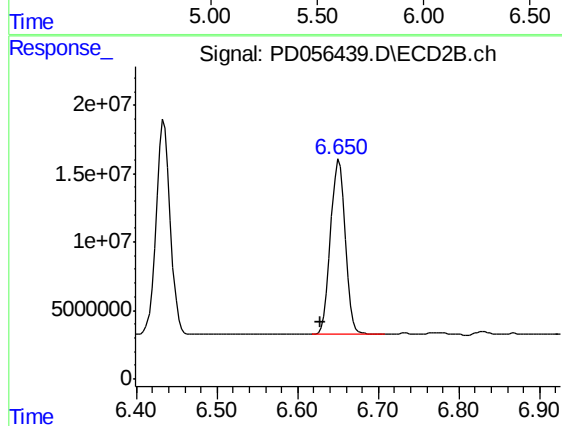
#22 Toxaphene-1

R.T.: 6.286 min  
Delta R.T.: -0.053 min  
Response: 1701439  
Conc: 151.55 ng/ml



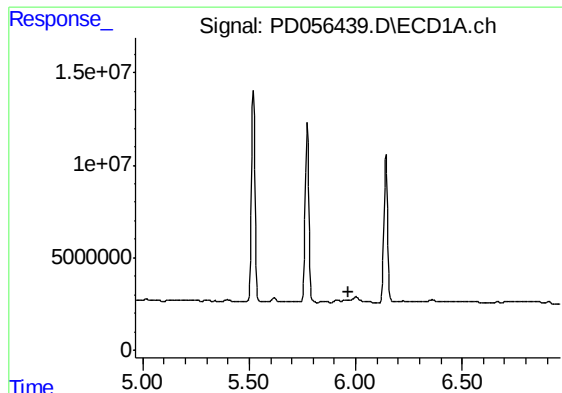
#23 Toxaphene-2

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



#23 Toxaphene-2

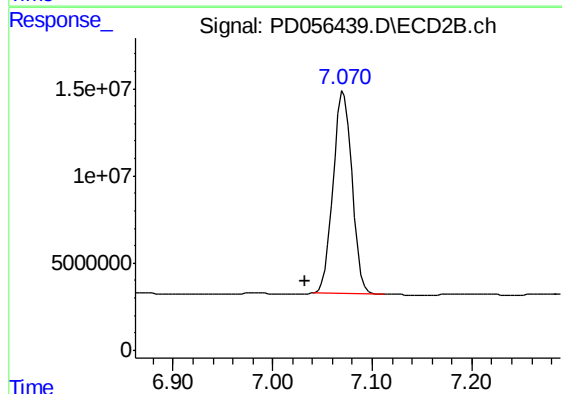
R.T.: 6.651 min  
Delta R.T.: 0.023 min  
Response: 161828320  
Conc: 11726.39 ng/ml



#24 Toxaphene-3

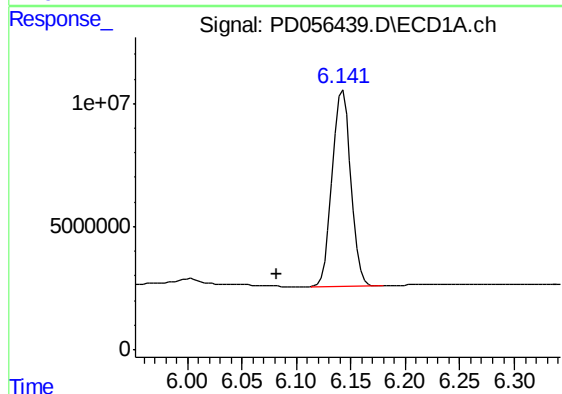
R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



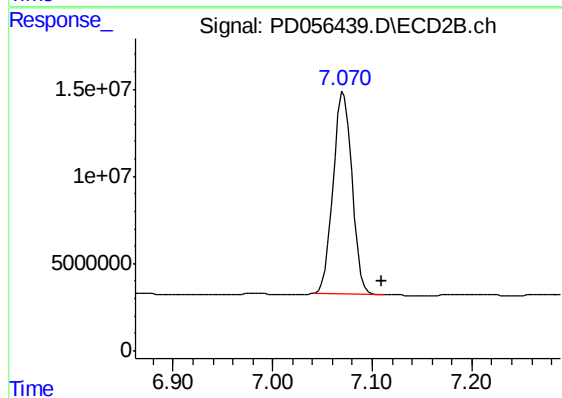
#24 Toxaphene-3

R.T.: 7.072 min  
Delta R.T.: 0.038 min  
Response: 152468945  
Conc: 7750.80 ng/ml



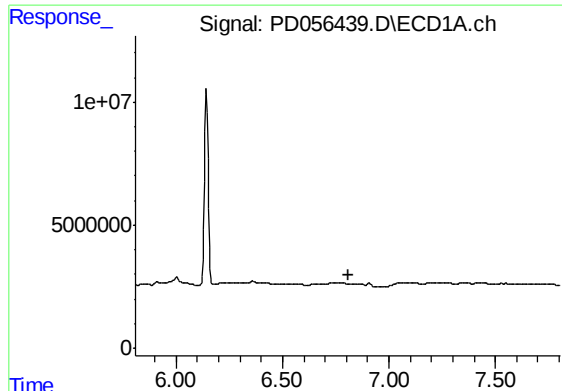
#25 Toxaphene-4

R.T.: 6.143 min  
Delta R.T.: 0.060 min  
Response: 95142176  
Conc: 3840.18 ng/ml



#25 Toxaphene-4

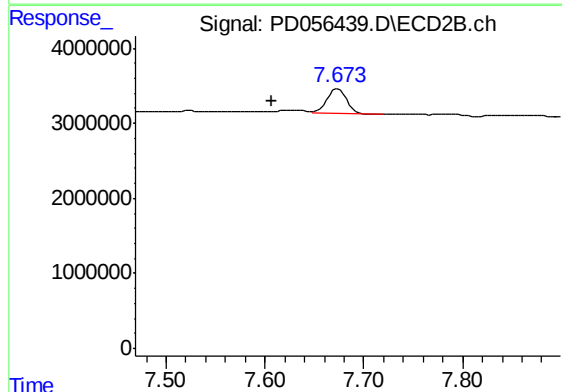
R.T.: 7.072 min  
Delta R.T.: -0.038 min  
Response: 152468945  
Conc: 2761.35 ng/ml



#26 Toxaphene-5

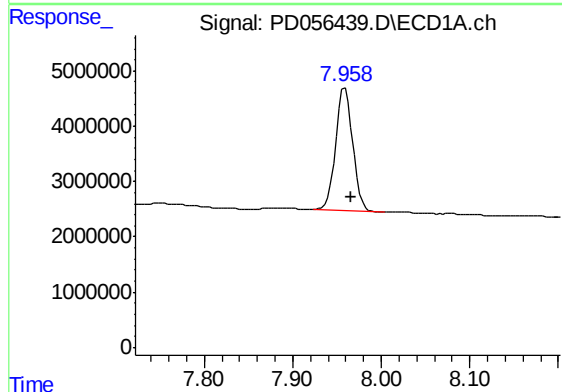
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0BW8MS



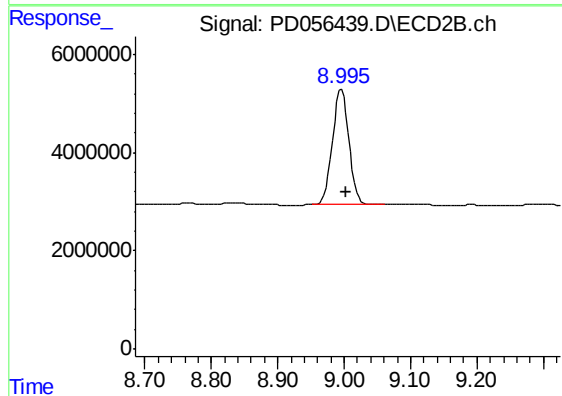
#26 Toxaphene-5

R.T.: 7.674 min  
Delta R.T.: 0.067 min  
Response: 4760387  
Conc: 186.25 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.959 min  
Delta R.T.: -0.006 min  
Response: 29580634  
Conc: 32.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.996 min  
Delta R.T.: -0.006 min  
Response: 40336745  
Conc: 33.53 ng/ml