

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102819\  
 Data File : PD055640.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 18:14  
 Operator : SG\AJ  
 Sample : PB124324BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PLCS24

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 09:03:47 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

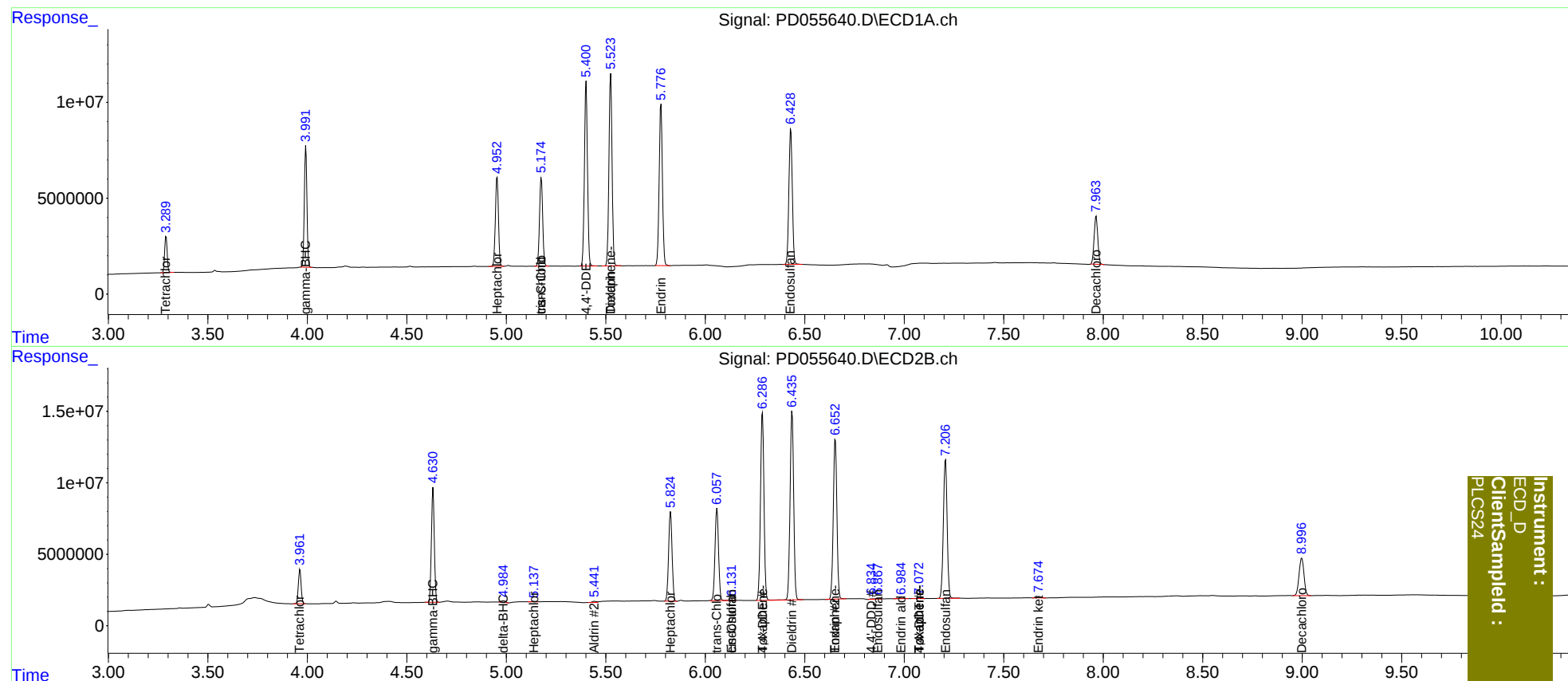
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-----------|
| -----                       |                 |        |        |          |          |           |           |
| System Monitoring Compounds |                 |        |        |          |          |           |           |
| 1)                          | SA Tetrachlo... | 3.290  | 3.963  | 16910467 | 23470232 | 18.967    | 17.432    |
| 27)                         | SA Decachlor... | 7.964  | 8.998  | 31900765 | 45071835 | 34.839    | 34.543    |
| Target Compounds            |                 |        |        |          |          |           |           |
| 3)                          | MA gamma-BHC... | 3.992  | 4.632  | 57346954 | 81980372 | 48.394    | 44.459    |
| 4)                          | MA Heptachlor   | 0.000  | 5.139  | 0        | 266058   | N.D.      | 0.143     |
| 5)                          | MB Aldrin       | 0.000  | 5.442  | 0        | 1157879  | N.D.      | 0.666     |
| 6)                          | B beta-BHC      | 0.000  | 4.842f | 0        | 24509    | N.D.      | <MDL      |
| 7)                          | B delta-BHC     | 0.000  | 4.985f | 0        | 1813859  | N.D.      | 0.956     |
| 8)                          | B Heptachlo...  | 4.954  | 5.825  | 49750228 | 75194395 | 49.315    | 44.036    |
| 9)                          | A Endosulfan I  | 0.000  | 6.133f | 0        | 374626   | N.D.      | 0.229     |
| 10)                         | B trans-Chl...  | 5.176  | 6.059  | 51201297 | 79370730 | 49.521    | 45.065    |
| 11)                         | B cis-Chlor...  | 5.176f | 6.133  | 51201297 | 374626   | 50.964    | 0.218 #   |
| 12)                         | B 4,4'-DDE      | 5.401  | 6.287  | 103.7E6  | 160.9E6  | 101.771   | 95.420    |
| 13)                         | MA Dieldrin     | 5.525  | 6.436  | 107.8E6  | 166.5E6  | 97.294    | 91.997    |
| 14)                         | MA Endrin       | 5.777  | 6.653  | 96295846 | 141.5E6  | 107.508   | 101.278   |
| 15)                         | B Endosulfa...  | 0.000  | 6.868  | 0        | 534258   | N.D.      | 0.344     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.836f | 0        | 301684   | N.D.      | 0.211     |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.073  | 0        | 306859   | N.D.      | 0.226     |
| 18)                         | B Endrin al...  | 0.000  | 6.985  | 0        | 327238   | N.D.      | 0.247     |
| 19)                         | B Endosulfa...  | 6.430  | 7.207  | 83925676 | 129.1E6  | 94.150    | 86.561    |
| 21)                         | B Endrin ke...  | 0.000  | 7.676  | 0        | 1347782  | N.D.      | 0.842     |
| 22)                         | Toxaphene-1     | 5.525  | 6.287  | 107.8E6  | 160.9E6  | 18425.070 | 20604.146 |
| 23)                         | Toxaphene-2     | 0.000  | 6.653  | 0        | 141.5E6  | N.D.      | 14524.977 |
| 24)                         | Toxaphene-3     | 0.000  | 7.073  | 0        | 306859   | N.D.      | 22.625    |
| 25)                         | Toxaphene-4     | 0.000  | 7.073  | 0        | 306859   | N.D.      | 7.964     |
| -----                       |                 |        |        |          |          |           |           |

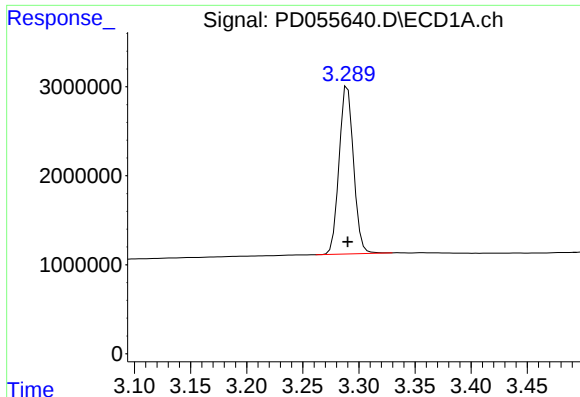
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102819\  
Data File : PD055640.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 18:14  
Operator : SG\AJ  
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:03:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
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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

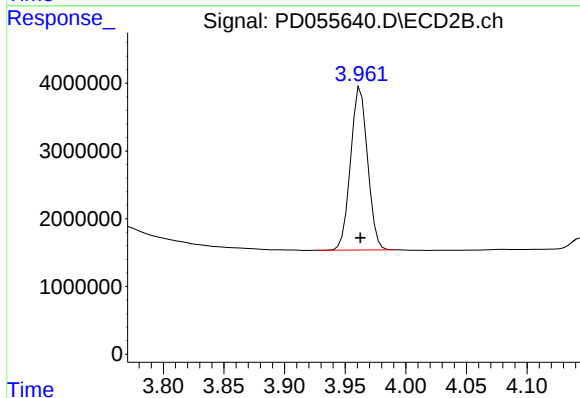




#1 Tetrachloro-m-xylene

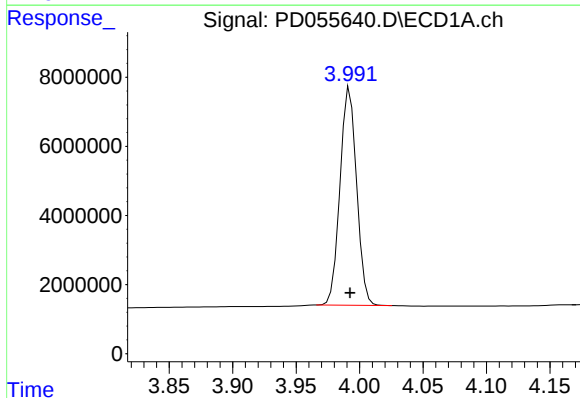
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 16910467  
Conc: 18.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



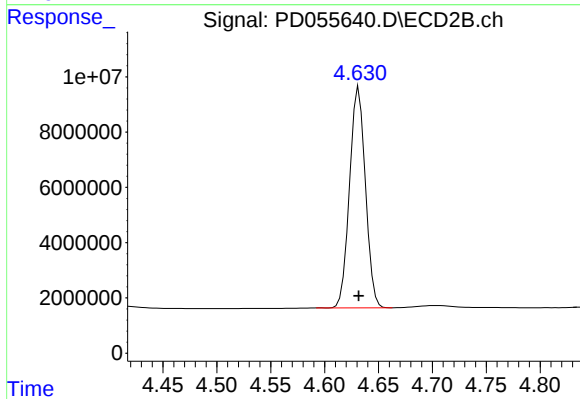
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 23470232  
Conc: 17.43 ng/ml



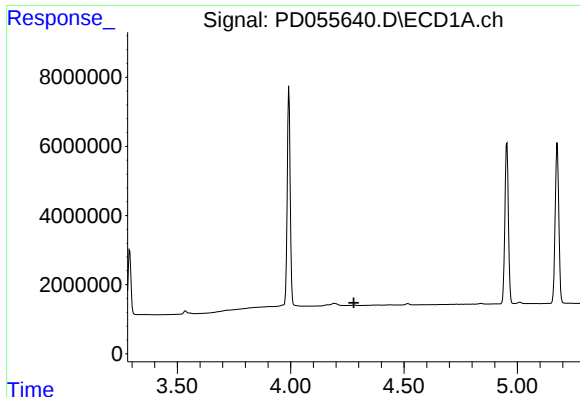
#3 gamma-BHC (Lindane)

R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 57346954  
Conc: 48.39 ng/ml



#3 gamma-BHC (Lindane)

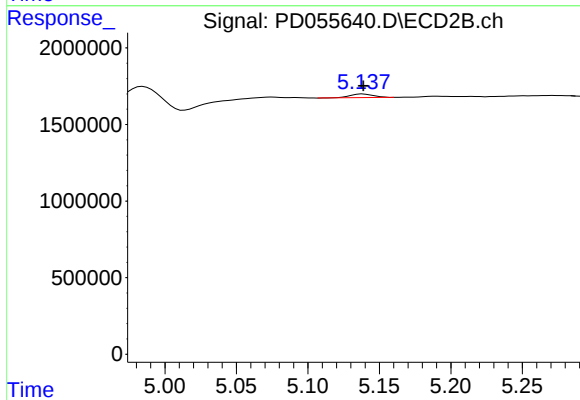
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 81980372  
Conc: 44.46 ng/ml



#4 Heptachlor

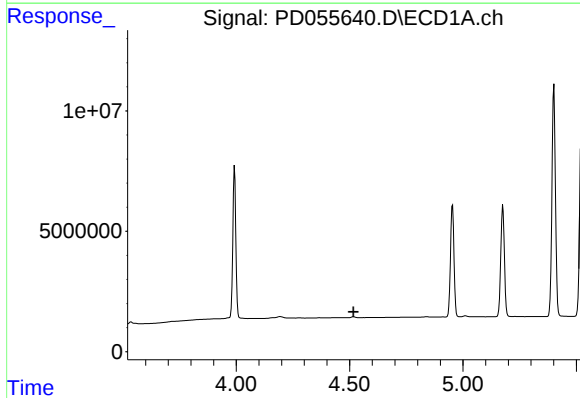
R.T.: 0.000 min  
Exp R.T.: 4.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



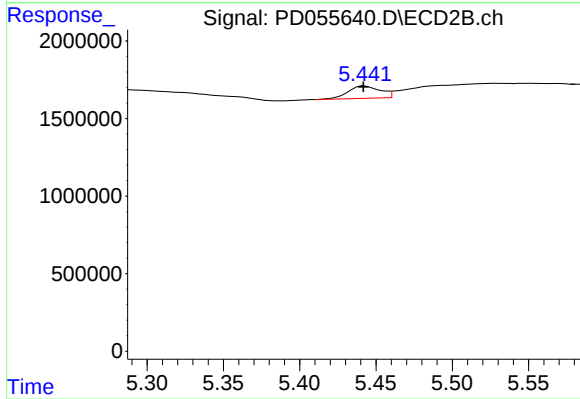
#4 Heptachlor

R.T.: 5.139 min  
Delta R.T.: 0.000 min  
Response: 266058  
Conc: 0.14 ng/ml



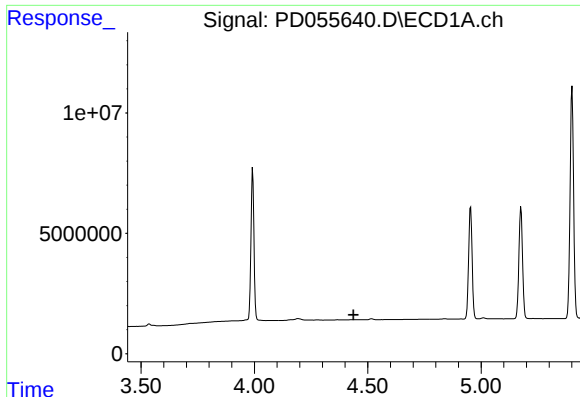
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 4.518 min  
Response: 0  
Conc: N.D.



#5 Aldrin

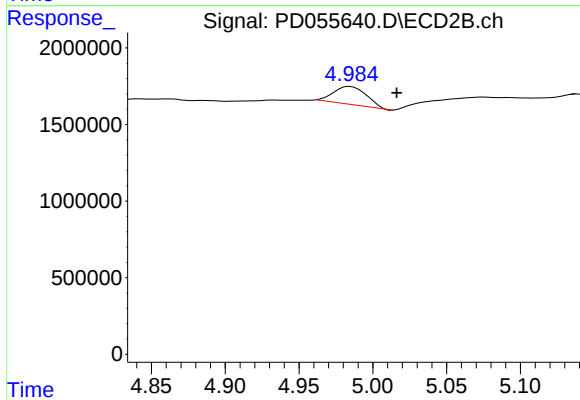
R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 1157879  
Conc: 0.67 ng/ml



#7 delta-BHC

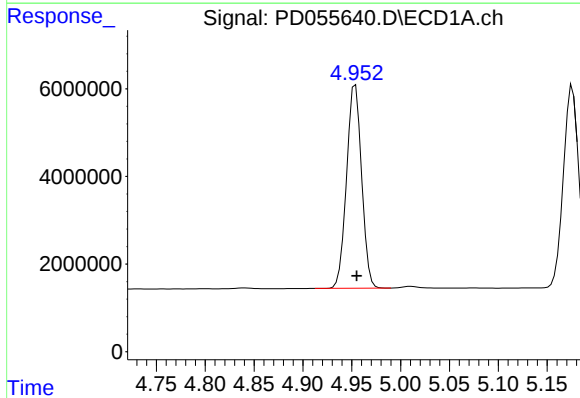
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



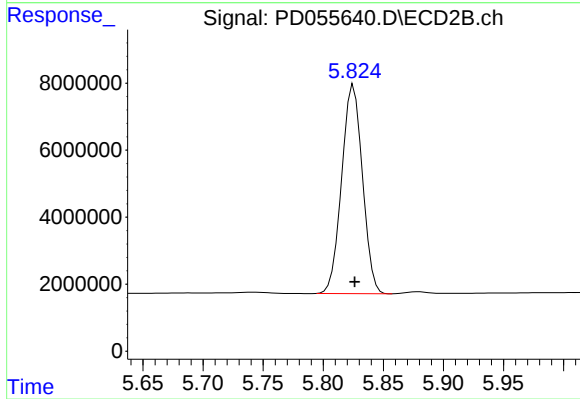
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.031 min  
Response: 1813859  
Conc: 0.96 ng/ml



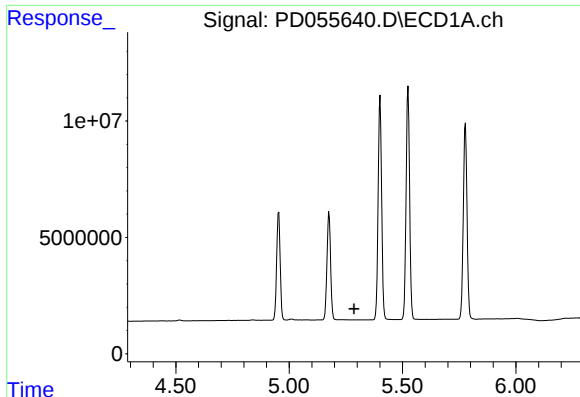
#8 Heptachlor epoxide

R.T.: 4.954 min  
Delta R.T.: -0.001 min  
Response: 49750228  
Conc: 49.31 ng/ml



#8 Heptachlor epoxide

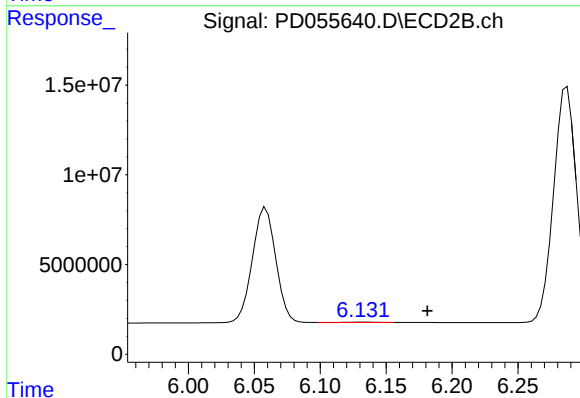
R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 75194395  
Conc: 44.04 ng/ml



#9 Endosulfan I

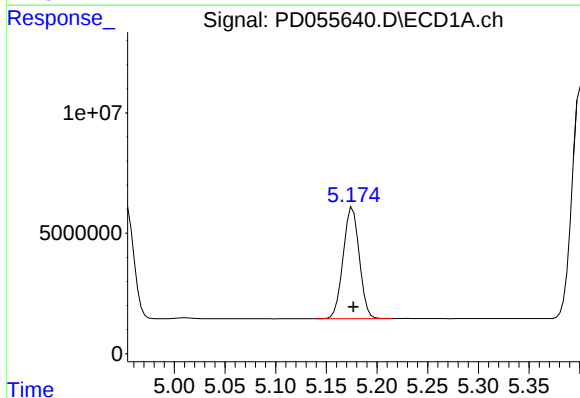
R.T.: 0.000 min  
Exp R.T.: 5.286 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



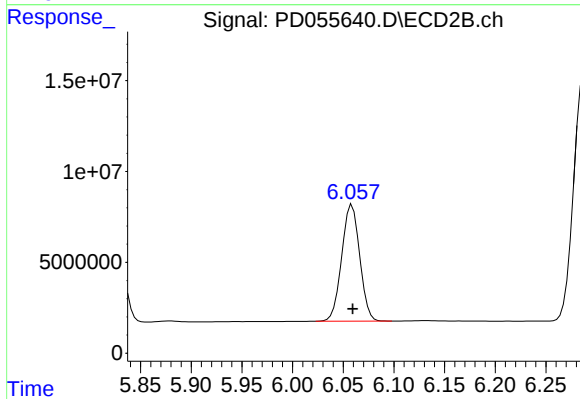
#9 Endosulfan I

R.T.: 6.133 min  
Delta R.T.: -0.049 min  
Response: 374626  
Conc: 0.23 ng/ml



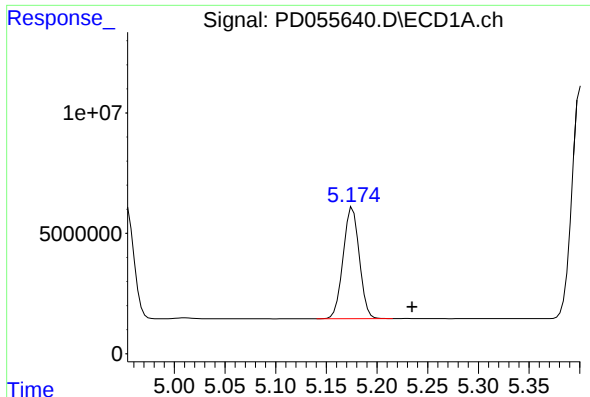
#10 trans-Chlordane

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 51201297  
Conc: 49.52 ng/ml



#10 trans-Chlordane

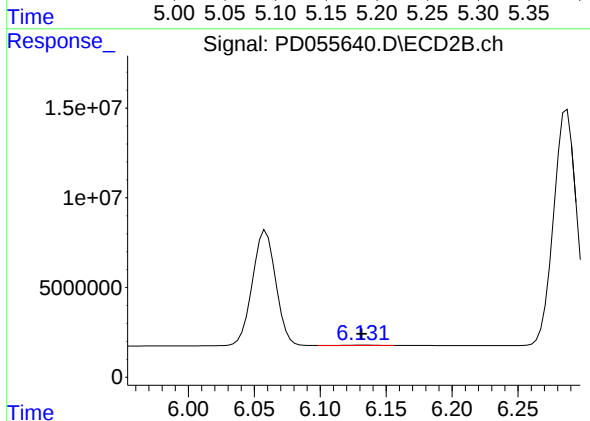
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 79370730  
Conc: 45.06 ng/ml



#11 cis-Chlordane

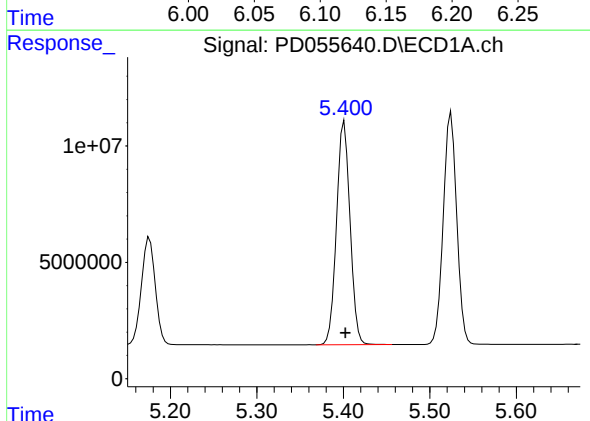
R.T.: 5.176 min  
Delta R.T.: -0.059 min  
Response: 51201297  
Conc: 50.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



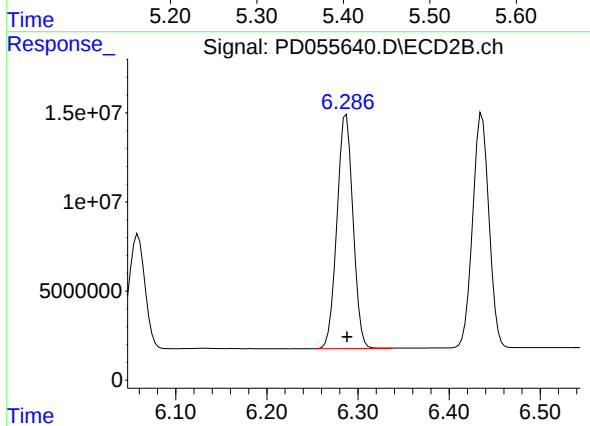
#11 cis-Chlordane

R.T.: 6.133 min  
Delta R.T.: 0.001 min  
Response: 374626  
Conc: 0.22 ng/ml



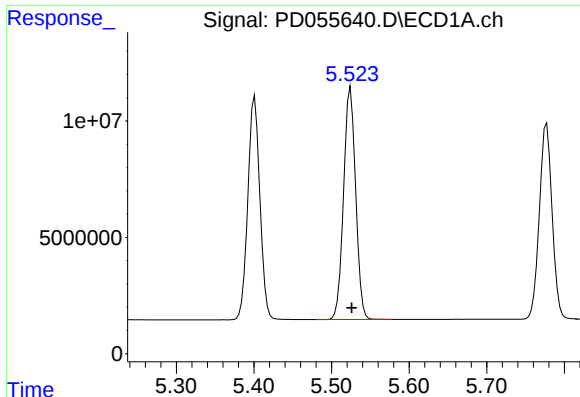
#12 4,4'-DDE

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 103729985  
Conc: 101.77 ng/ml



#12 4,4'-DDE

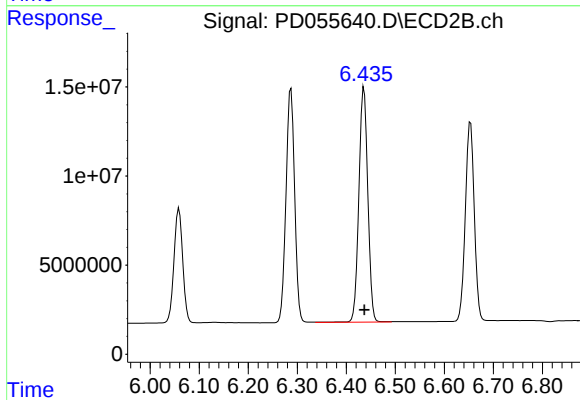
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 160891083  
Conc: 95.42 ng/ml



#13 Dieldrin

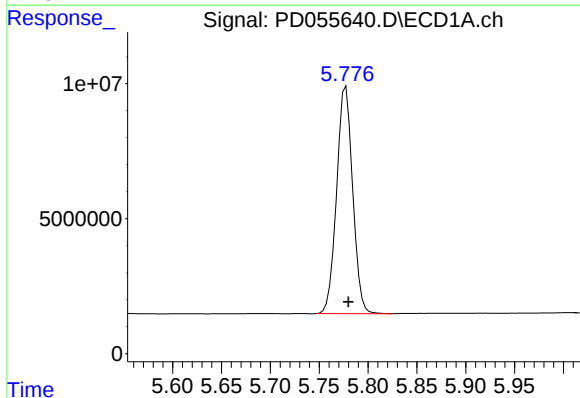
R.T.: 5.525 min  
Delta R.T.: -0.001 min  
Response: 107825368  
Conc: 97.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



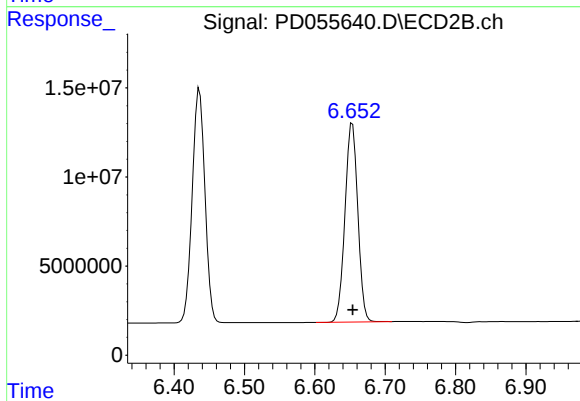
#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 166498929  
Conc: 92.00 ng/ml



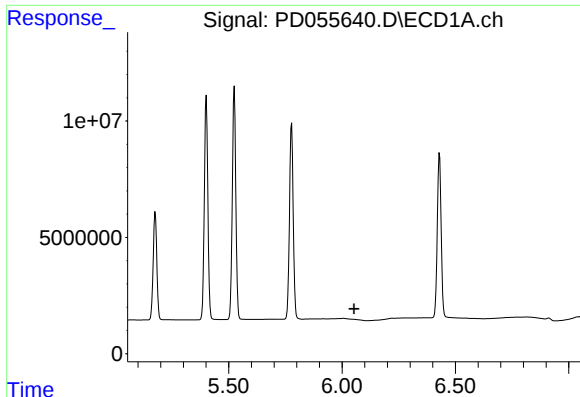
#14 Endrin

R.T.: 5.777 min  
Delta R.T.: -0.002 min  
Response: 96295846  
Conc: 107.51 ng/ml



#14 Endrin

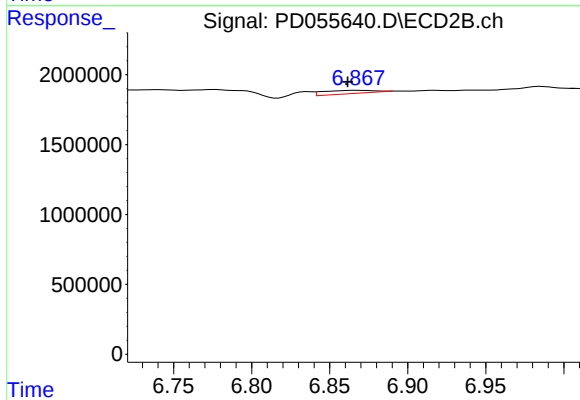
R.T.: 6.653 min  
Delta R.T.: 0.000 min  
Response: 141464084  
Conc: 101.28 ng/ml



#15 Endosulfan II

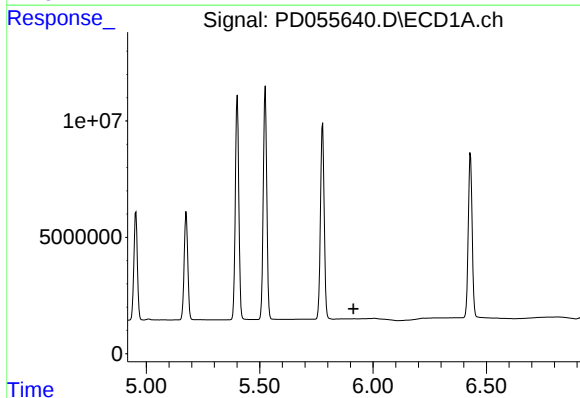
R.T.: 0.000 min  
Exp R.T.: 6.053 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



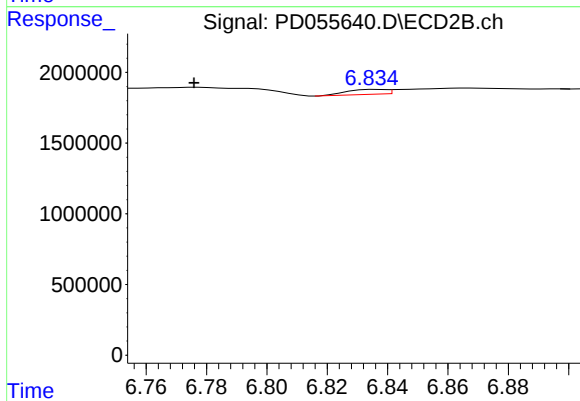
#15 Endosulfan II

R.T.: 6.868 min  
Delta R.T.: 0.007 min  
Response: 534258  
Conc: 0.34 ng/ml



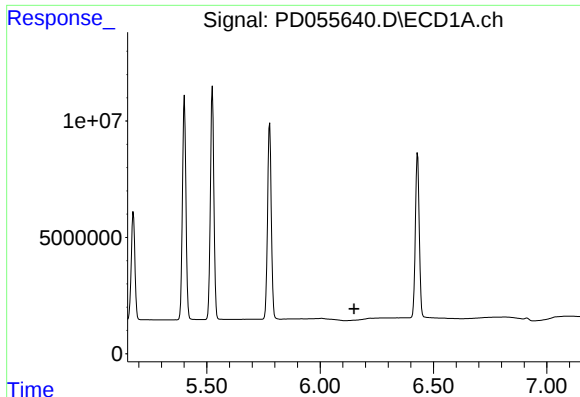
#16 4,4'-DDD

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



#16 4,4'-DDD

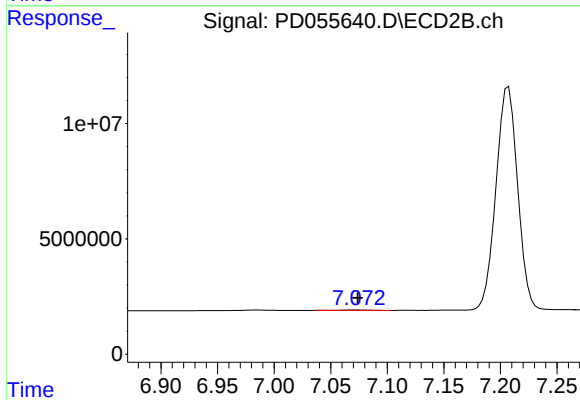
R.T.: 6.836 min  
Delta R.T.: 0.060 min  
Response: 301684  
Conc: 0.21 ng/ml



#17 4,4'-DDT

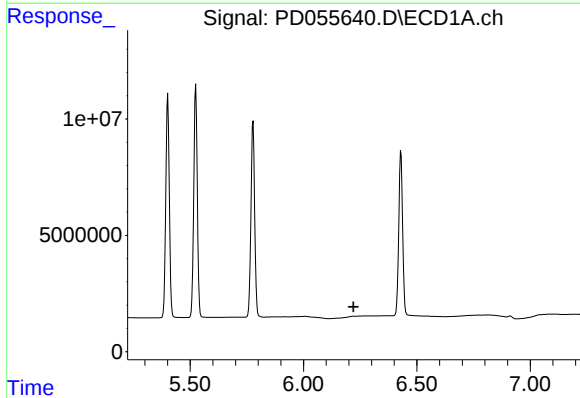
R.T.: 0.000 min  
Exp R.T.: 6.150 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



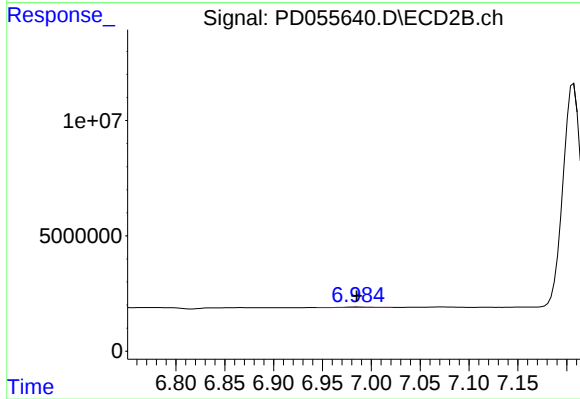
#17 4,4'-DDT

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 306859  
Conc: 0.23 ng/ml



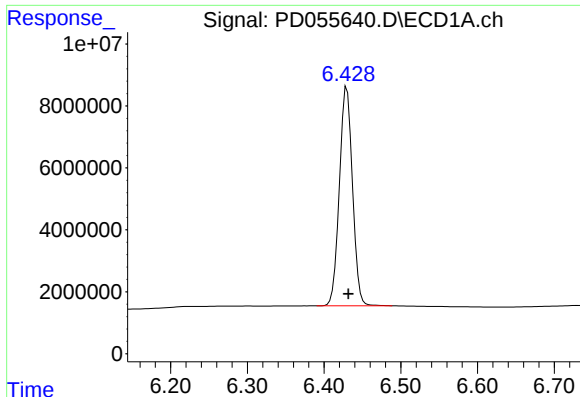
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.221 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

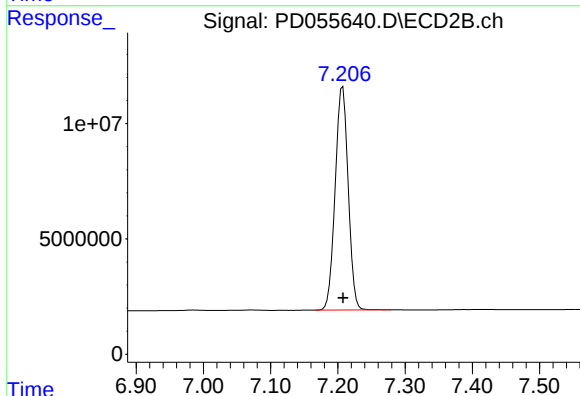
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 327238  
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

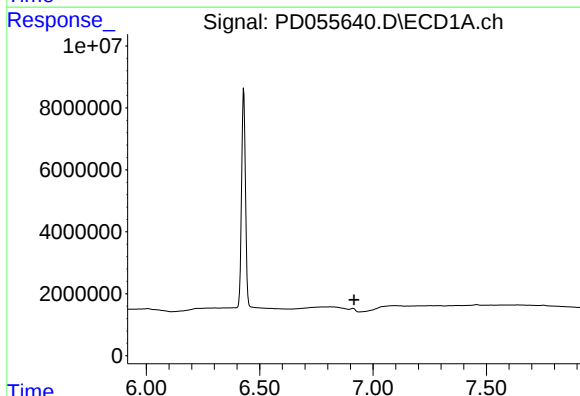
R.T.: 6.430 min  
Delta R.T.: -0.002 min  
Response: 83925676  
Conc: 94.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



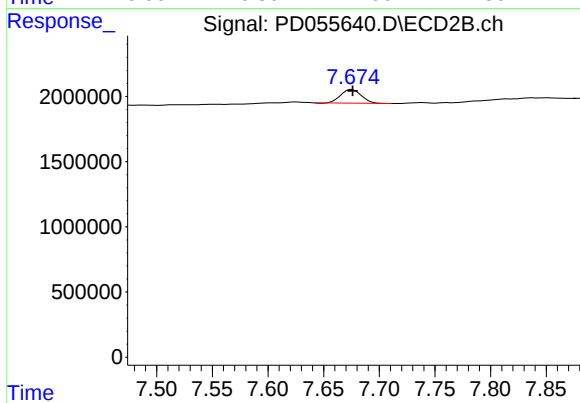
#19 Endosulfan Sulfate

R.T.: 7.207 min  
Delta R.T.: 0.000 min  
Response: 129051549  
Conc: 86.56 ng/ml



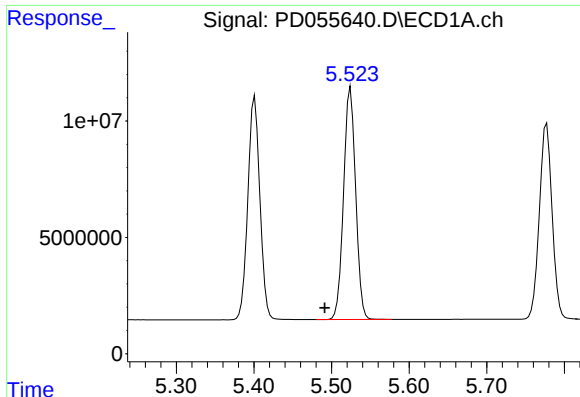
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.916 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

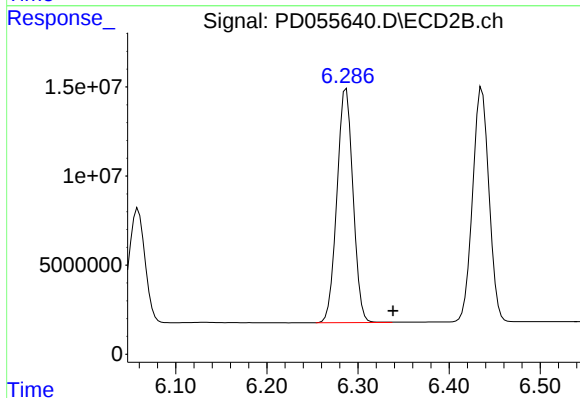
R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 1347782  
Conc: 0.84 ng/ml



#22 Toxaphene-1

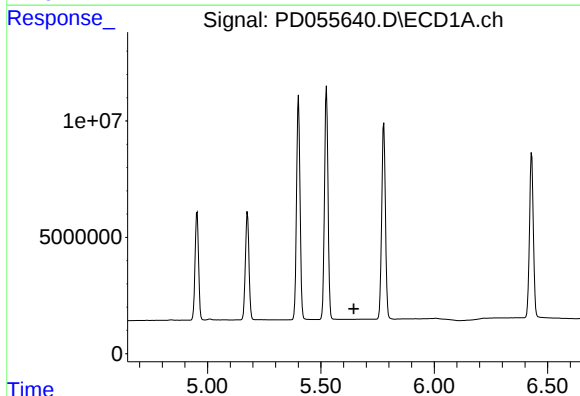
R.T.: 5.525 min  
Delta R.T.: 0.033 min  
Response: 107825368  
Conc: 18425.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



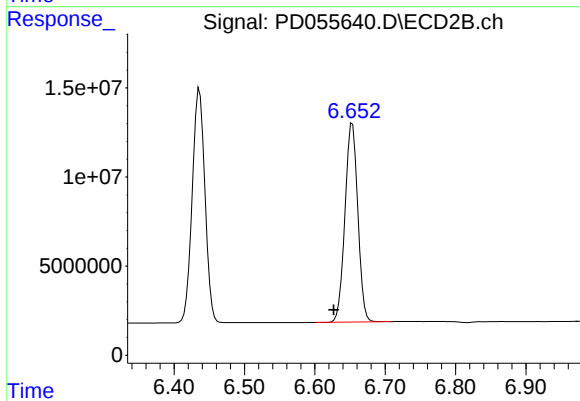
#22 Toxaphene-1

R.T.: 6.287 min  
Delta R.T.: -0.051 min  
Response: 160891083  
Conc: 20604.15 ng/ml



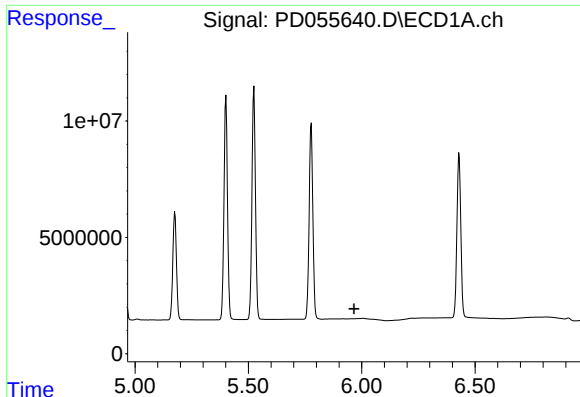
#23 Toxaphene-2

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



#23 Toxaphene-2

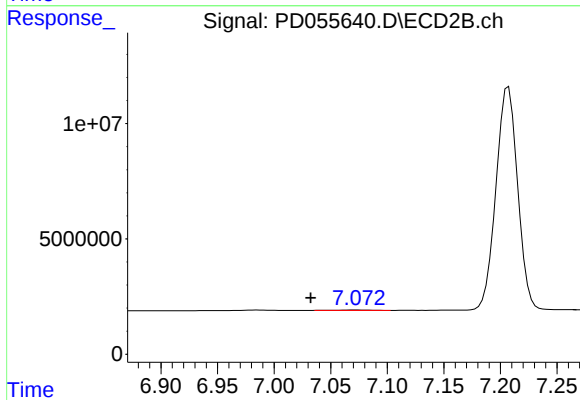
R.T.: 6.653 min  
Delta R.T.: 0.026 min  
Response: 141464084  
Conc: 14524.98 ng/ml



#24 Toxaphene-3

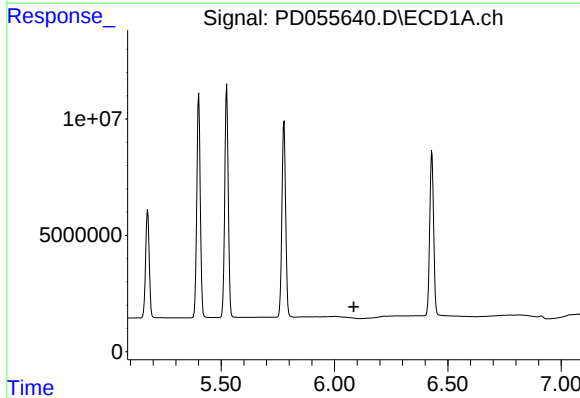
R.T.: 0.000 min  
Exp R.T.: 5.966 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



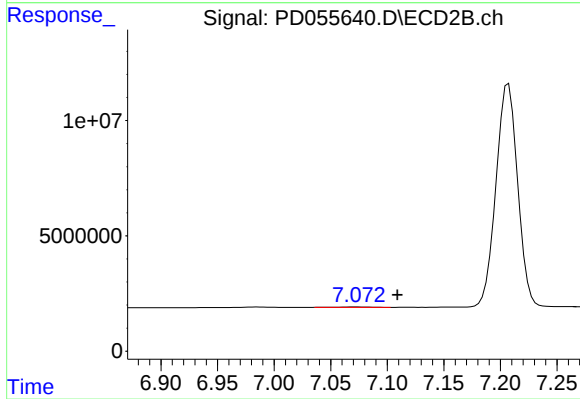
#24 Toxaphene-3

R.T.: 7.073 min  
Delta R.T.: 0.041 min  
Response: 306859  
Conc: 22.62 ng/ml



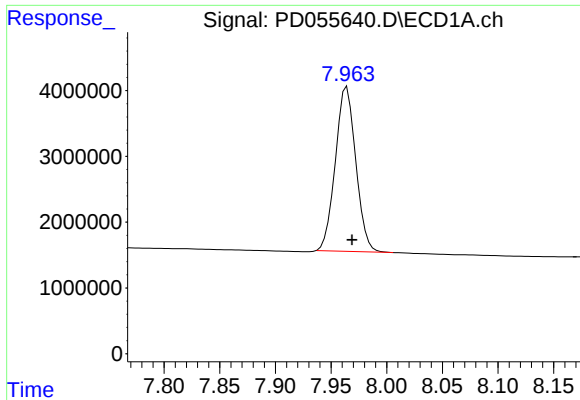
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 6.085 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

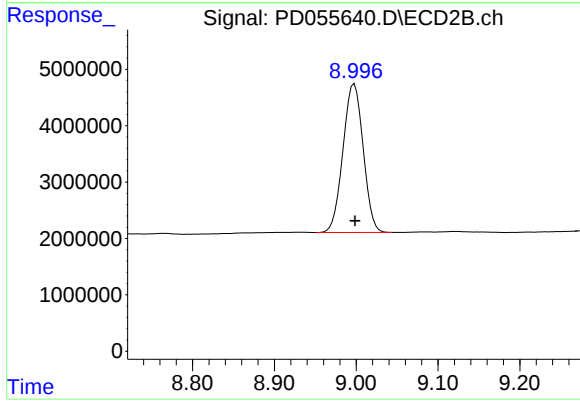
R.T.: 7.073 min  
Delta R.T.: -0.036 min  
Response: 306859  
Conc: 7.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.964 min  
Delta R.T.: -0.005 min  
Response: 31900765  
Conc: 34.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.001 min  
Response: 45071835  
Conc: 34.54 ng/ml