

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121219\  
 Data File : PD056399.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2019 09:52  
 Operator : SG\AJ  
 Sample : K6147-10MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFQW8MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 00:48:47 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... | 3.293  | 3.959  | 17132456 | 21335906 | 20.686    | 17.747      |
| 27)                         | SA Decachlor... | 7.966  | 8.994  | 23575980 | 30479024 | 26.109    | 25.333      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.672f | 0.000  | 32192905 | 0        | 27.344    | N.D. #      |
| 3)                          | MA gamma-BHC... | 3.996  | 4.629  | 61183682 | 94320843 | 54.485    | 58.445      |
| 4)                          | MA Heptachlor   | 4.281  | 5.134  | 57887967 | 88462819 | 57.433    | 54.278      |
| 5)                          | MB Aldrin       | 4.520  | 5.438  | 50688691 | 82892337 | 46.675    | 50.446      |
| 6)                          | B beta-BHC      | 4.281f | 4.765f | 57887967 | 4278341  | 107.551   | 5.192 #     |
| 7)                          | B delta-BHC     | 0.000  | 5.041  | 0        | 2386180  | N.D.      | 1.433       |
| 8)                          | B Heptachlor... | 5.003f | 5.816  | 6040938  | 21021480 | 5.906     | 13.569 #    |
| 9)                          | A Endosulfan I  | 0.000  | 6.194  | 0        | 1545946  | N.D.      | 1.065       |
| 10)                         | B trans-Chl...  | 0.000  | 6.042  | 0        | 2313769  | N.D.      | 1.399       |
| 11)                         | B cis-Chlor...  | 0.000  | 6.194f | 0        | 1545946  | N.D.      | 0.959       |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.288  | 0        | 3985470  | N.D.      | 2.538       |
| 13)                         | MA Dieldrin     | 5.527  | 6.433  | 117.4E6  | 181.5E6  | 115.602   | 115.498     |
| 14)                         | MA Endrin       | 5.781  | 6.650  | 103.5E6  | 155.4E6  | 123.894   | 122.815     |
| 15)                         | B Endosulfa...  | 6.040  | 6.866  | 3396547  | 319752   | 3.566     | 0.218 #     |
| 16)                         | A 4,4'-DDD      | 5.916  | 6.773  | 1397644  | 3259035  | 1.964     | 2.769 #     |
| 17)                         | MA 4,4'-DDT     | 6.150  | 7.070  | 81715182 | 129.2E6  | 116.132   | 109.251     |
| 18)                         | B Endrin al...  | 6.150f | 0.000  | 81715182 | 0        | 102.801   | N.D. #      |
| 19)                         | B Endosulfa...  | 0.000  | 7.242  | 0        | 1361240  | N.D.      | 1.018       |
| 21)                         | B Endrin ke...  | 0.000  | 7.671  | 0        | 3040079  | N.D.      | 2.066       |
| 22)                         | Toxaphene-1     | 5.527  | 6.352  | 117.4E6  | 2789335  | 13032.842 | 248.450 #   |
| 23)                         | Toxaphene-2     | 5.624  | 6.650  | 34881613 | 155.4E6  | 3584.583  | 11262.938 # |
| 24)                         | Toxaphene-3     | 5.916  | 7.070  | 1397644  | 129.2E6  | 168.898   | 6565.418 #  |
| 25)                         | Toxaphene-4     | 6.040  | 7.070  | 3396547  | 129.2E6  | 137.093   | 2339.036 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.671  | 0        | 3040079  | N.D.      | 118.944     |
| -----                       |                 |        |        |          |          |           |             |

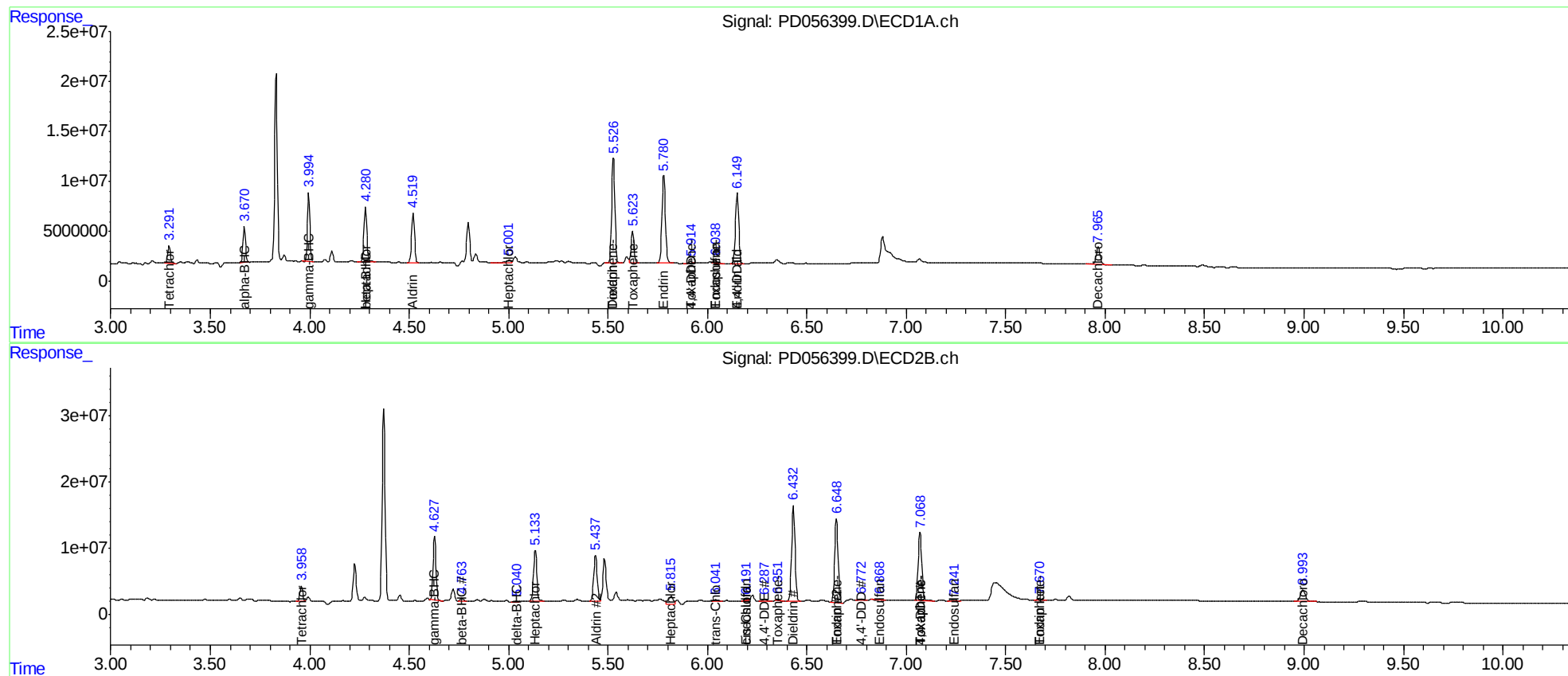
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

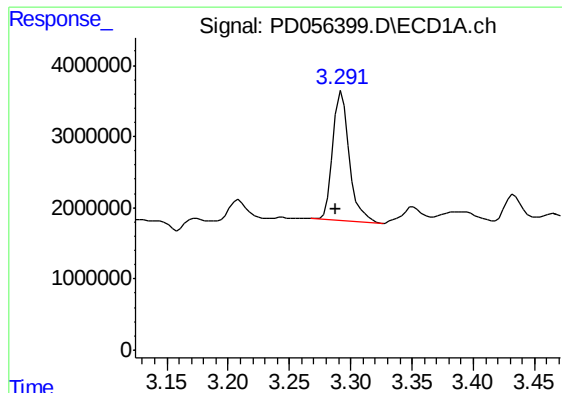
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121219\  
Data File : PD056399.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2019 09:52  
Operator : SG\AJ  
Sample : K6147-10MS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 00:48:47 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

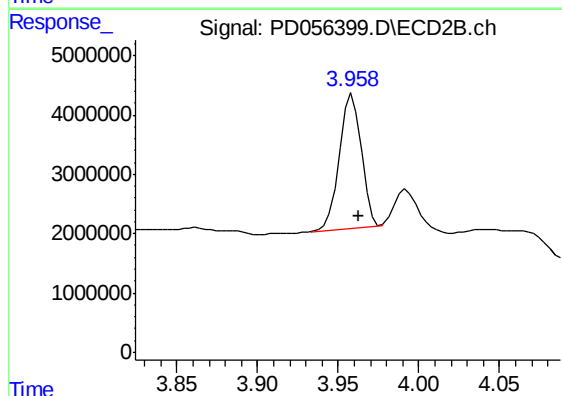




#1 Tetrachloro-m-xylene

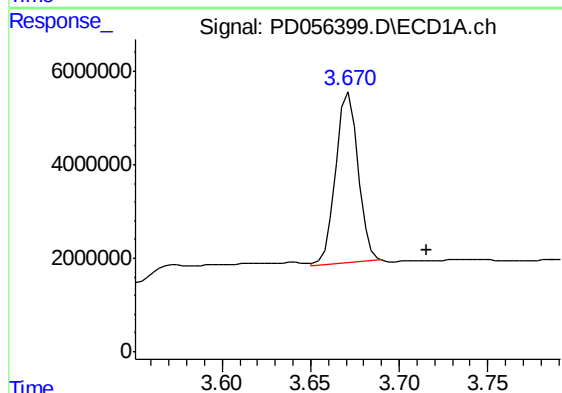
R.T.: 3.293 min  
Delta R.T.: 0.005 min  
Response: 17132456  
Conc: 20.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



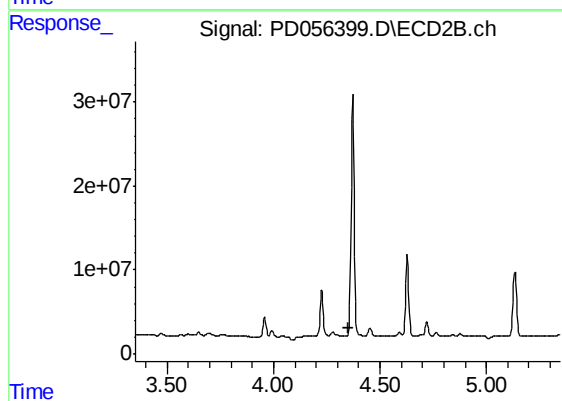
#1 Tetrachloro-m-xylene

R.T.: 3.959 min  
Delta R.T.: -0.004 min  
Response: 21335906  
Conc: 17.75 ng/ml



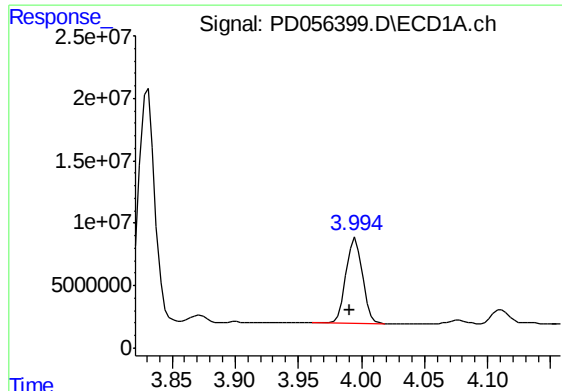
#2 alpha-BHC

R.T.: 3.672 min  
Delta R.T.: -0.044 min  
Response: 32192905  
Conc: 27.34 ng/ml



#2 alpha-BHC

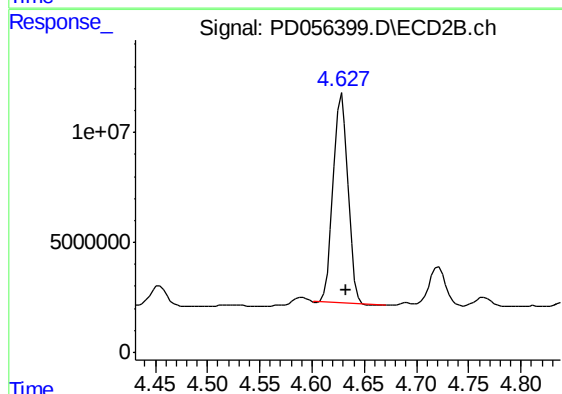
R.T.: 0.000 min  
Exp R.T. : 4.349 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

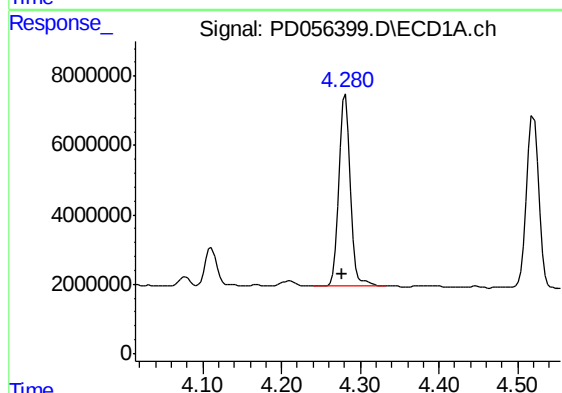
R.T.: 3.996 min  
Delta R.T.: 0.005 min  
Response: 61183682  
Conc: 54.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



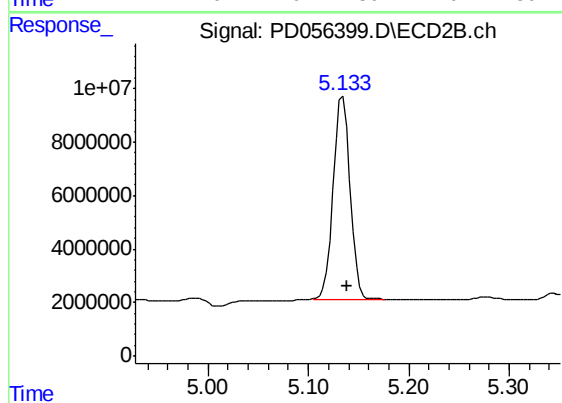
#3 gamma-BHC (Lindane)

R.T.: 4.629 min  
Delta R.T.: -0.004 min  
Response: 94320843  
Conc: 58.45 ng/ml



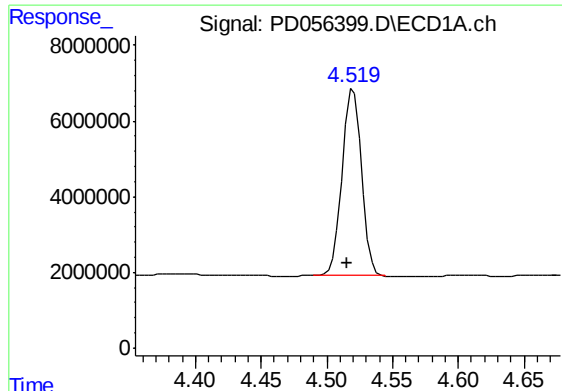
#4 Heptachlor

R.T.: 4.281 min  
Delta R.T.: 0.005 min  
Response: 57887967  
Conc: 57.43 ng/ml



#4 Heptachlor

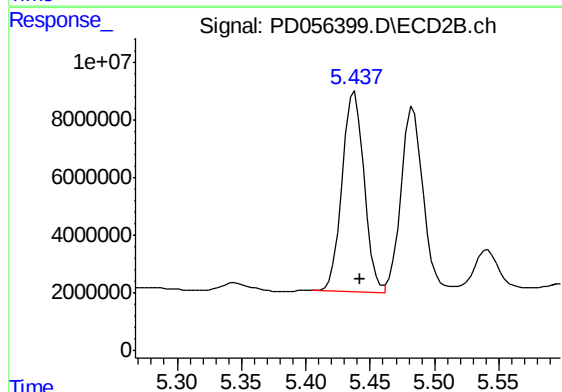
R.T.: 5.134 min  
Delta R.T.: -0.004 min  
Response: 88462819  
Conc: 54.28 ng/ml



#5 Aldrin

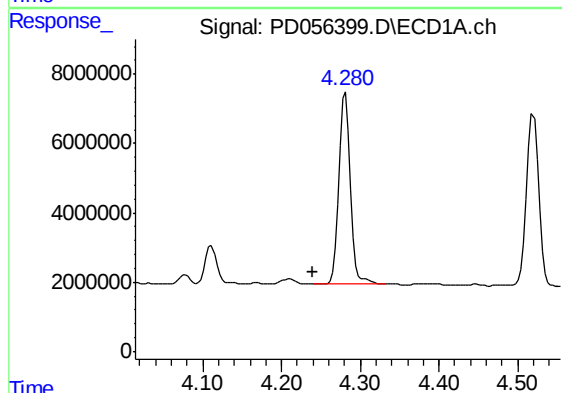
R.T.: 4.520 min  
Delta R.T.: 0.005 min  
Response: 50688691  
Conc: 46.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



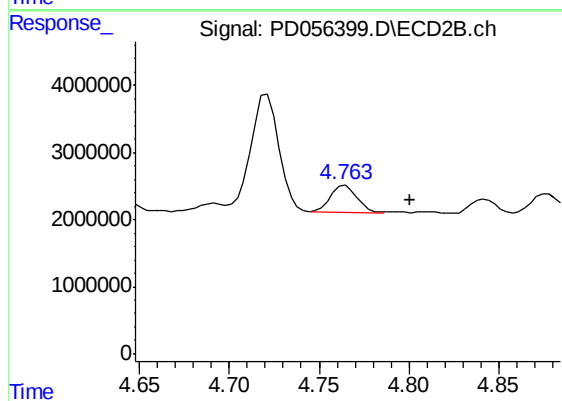
#5 Aldrin

R.T.: 5.438 min  
Delta R.T.: -0.004 min  
Response: 82892337  
Conc: 50.45 ng/ml



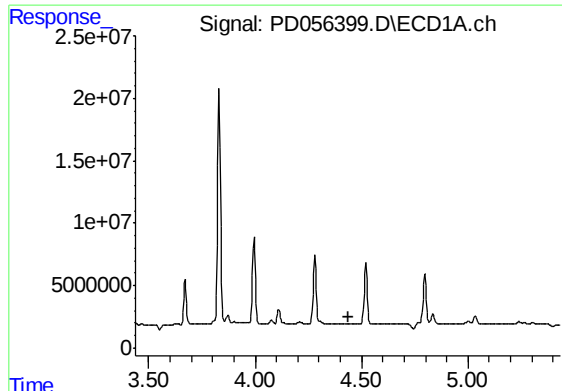
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.041 min  
Response: 57887967  
Conc: 107.55 ng/ml



#6 beta-BHC

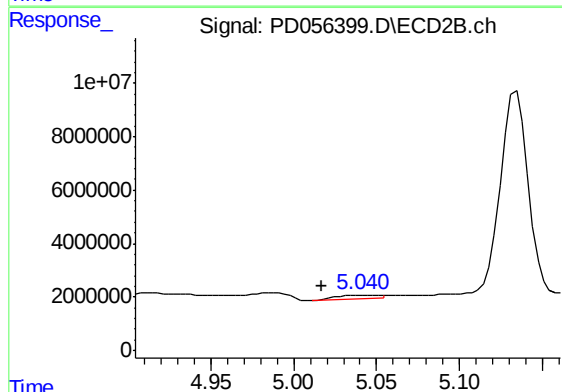
R.T.: 4.765 min  
Delta R.T.: -0.036 min  
Response: 4278341  
Conc: 5.19 ng/ml



#7 delta-BHC

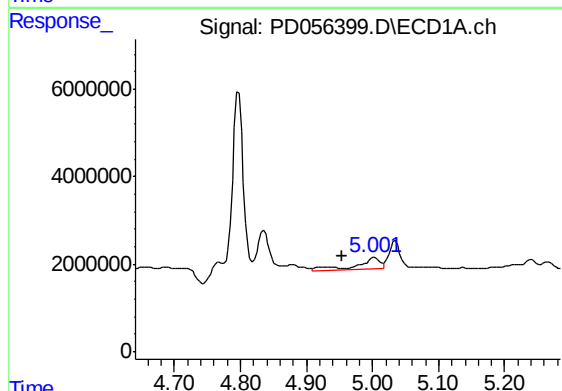
R.T.: 0.000 min  
Exp R.T.: 4.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



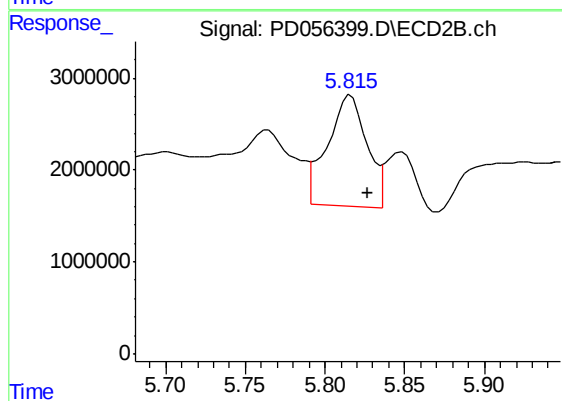
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.024 min  
Response: 2386180  
Conc: 1.43 ng/ml



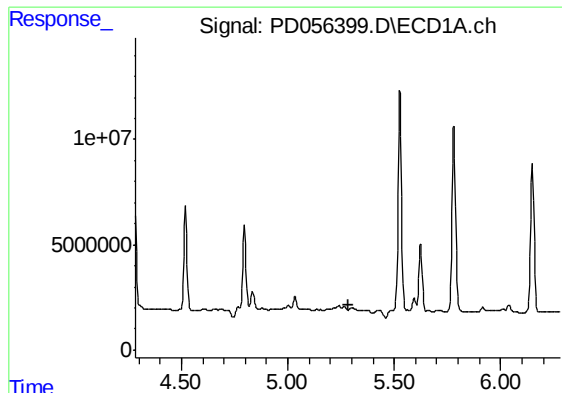
#8 Heptachlor epoxide

R.T.: 5.003 min  
Delta R.T.: 0.050 min  
Response: 6040938  
Conc: 5.91 ng/ml



#8 Heptachlor epoxide

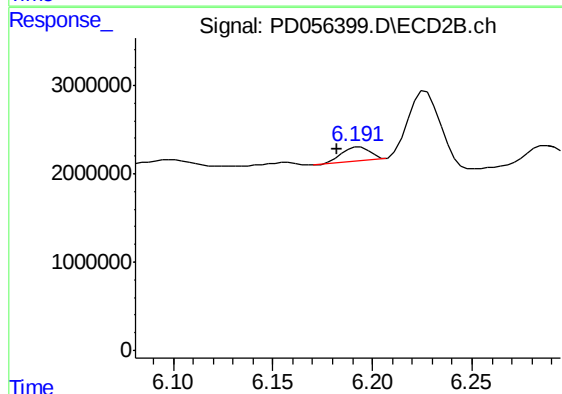
R.T.: 5.816 min  
Delta R.T.: -0.010 min  
Response: 21021480  
Conc: 13.57 ng/ml



#9 Endosulfan I

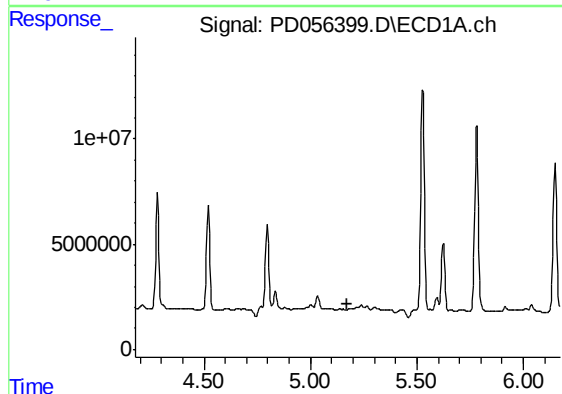
R.T.: 0.000 min  
Exp R.T.: 5.284 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



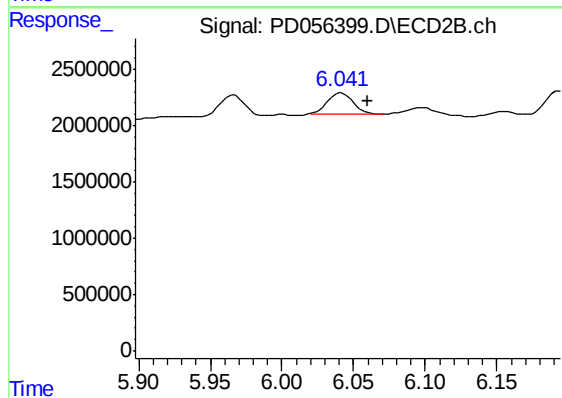
#9 Endosulfan I

R.T.: 6.194 min  
Delta R.T.: 0.011 min  
Response: 1545946  
Conc: 1.07 ng/ml



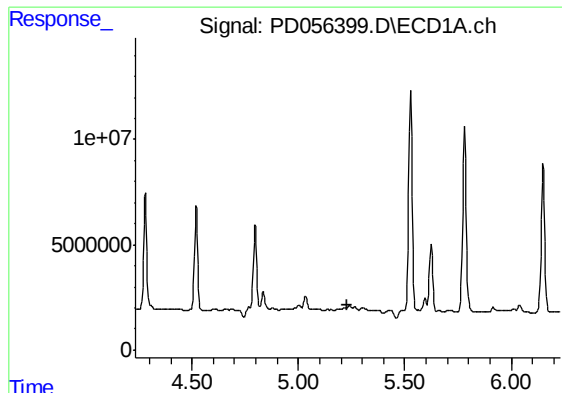
#10 trans-Chlordane

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



#10 trans-Chlordane

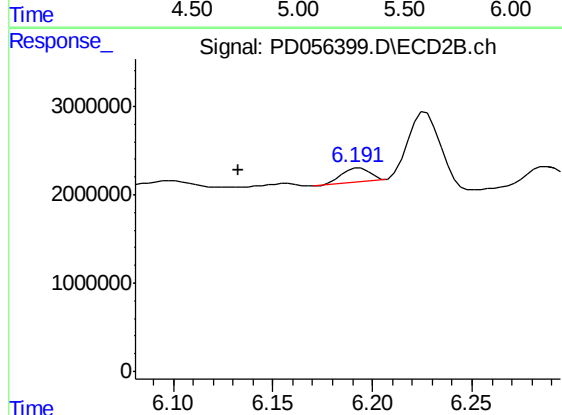
R.T.: 6.042 min  
Delta R.T.: -0.018 min  
Response: 2313769  
Conc: 1.40 ng/ml



#11 cis-Chlordane

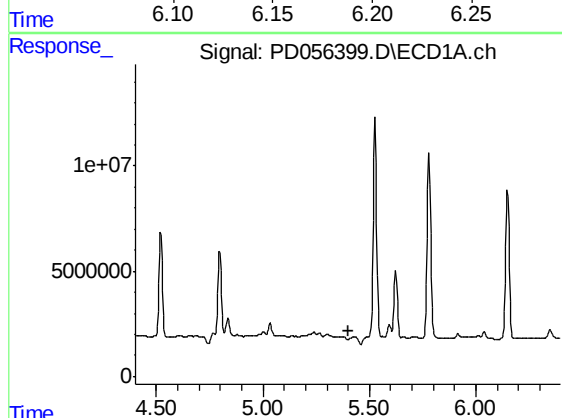
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



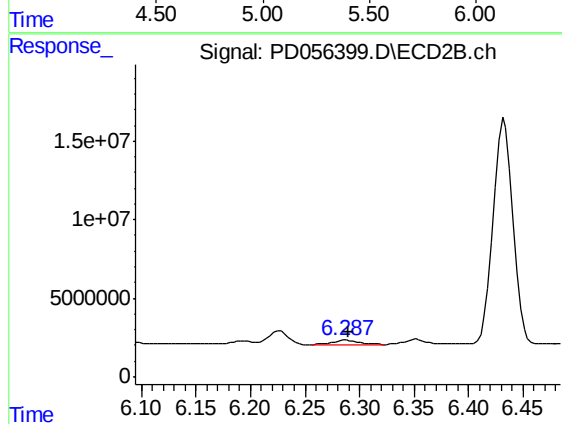
#11 cis-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.061 min  
Response: 1545946  
Conc: 0.96 ng/ml



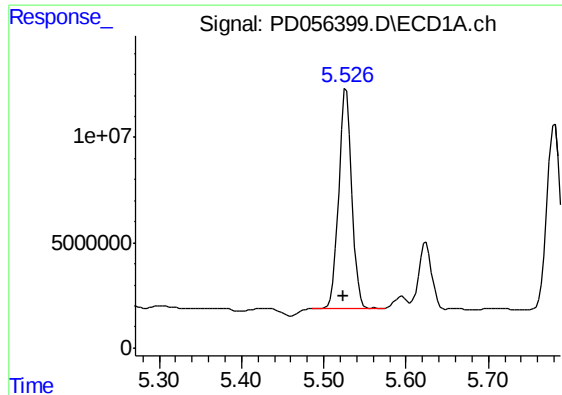
#12 4,4'-DDE

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



#12 4,4'-DDE

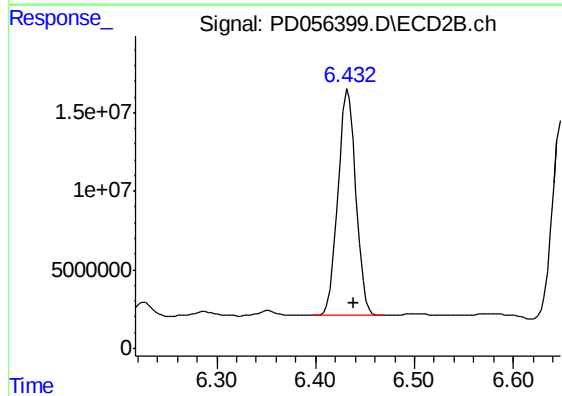
R.T.: 6.288 min  
Delta R.T.: -0.001 min  
Response: 3985470  
Conc: 2.54 ng/ml



#13 Dieldrin

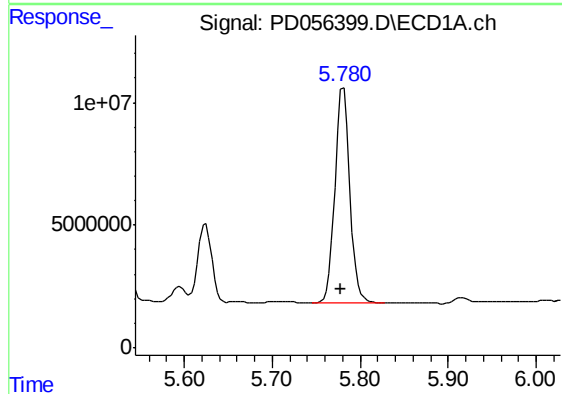
R.T.: 5.527 min  
Delta R.T.: 0.003 min  
Response: 117423710  
Conc: 115.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



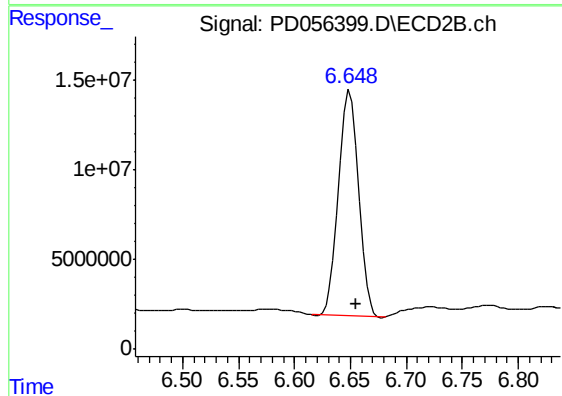
#13 Dieldrin

R.T.: 6.433 min  
Delta R.T.: -0.005 min  
Response: 181496706  
Conc: 115.50 ng/ml



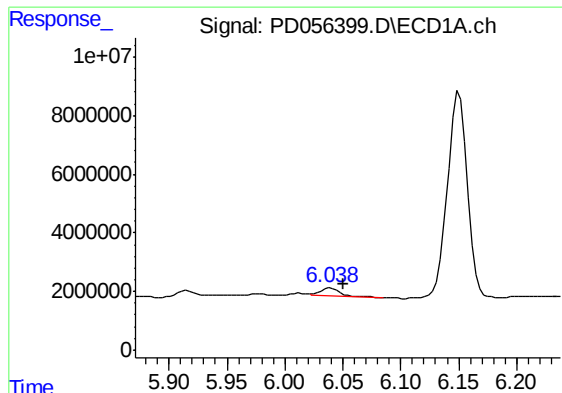
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: 0.003 min  
Response: 103536969  
Conc: 123.89 ng/ml



#14 Endrin

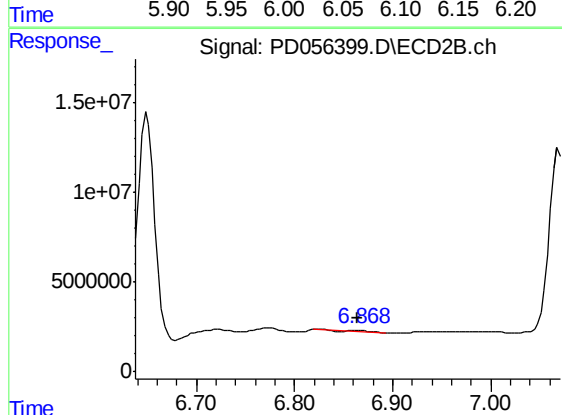
R.T.: 6.650 min  
Delta R.T.: -0.006 min  
Response: 155432534  
Conc: 122.81 ng/ml



#15 Endosulfan II

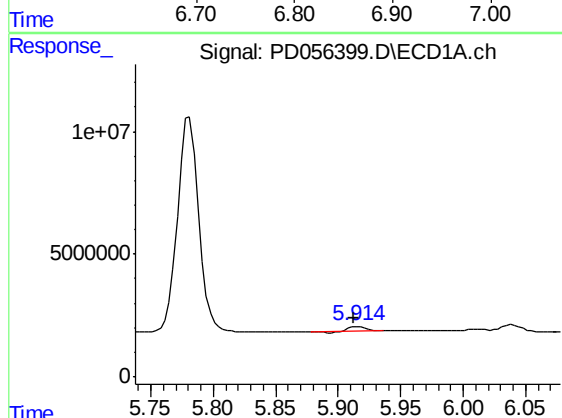
R.T.: 6.040 min  
Delta R.T.: -0.011 min  
Response: 3396547  
Conc: 3.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



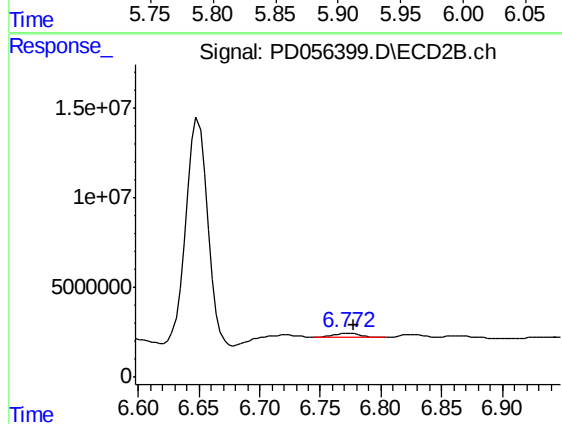
#15 Endosulfan II

R.T.: 6.866 min  
Delta R.T.: 0.003 min  
Response: 319752  
Conc: 0.22 ng/ml



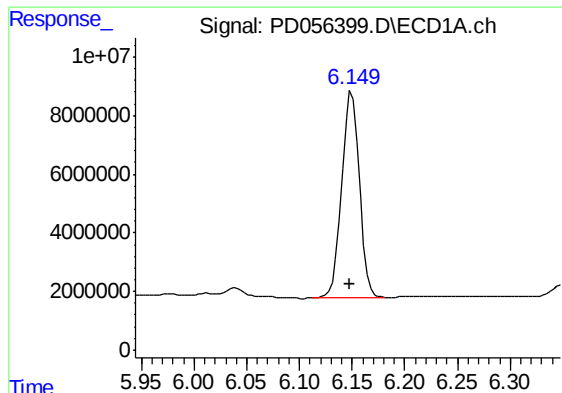
#16 4,4'-DDD

R.T.: 5.916 min  
Delta R.T.: 0.004 min  
Response: 1397644  
Conc: 1.96 ng/ml



#16 4,4'-DDD

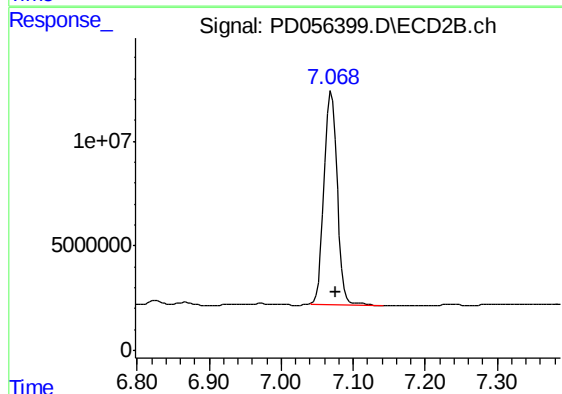
R.T.: 6.773 min  
Delta R.T.: -0.005 min  
Response: 3259035  
Conc: 2.77 ng/ml



#17 4,4'-DDT

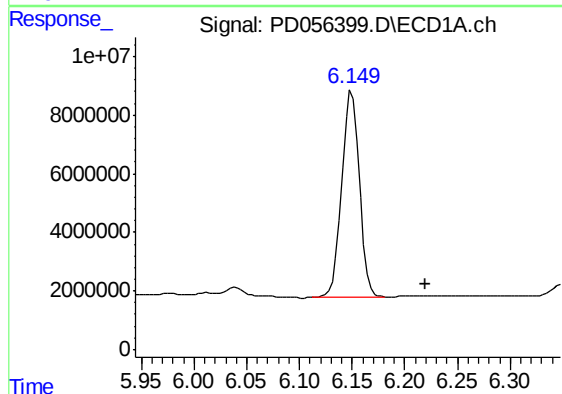
R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 81715182  
Conc: 116.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



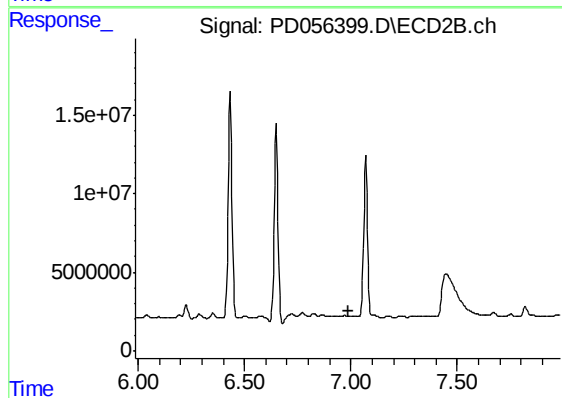
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: -0.006 min  
Response: 129150772  
Conc: 109.25 ng/ml



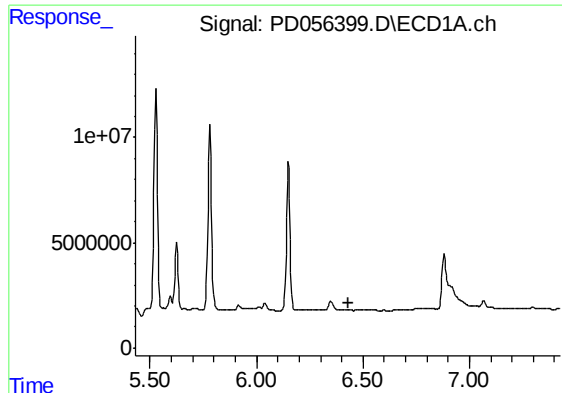
#18 Endrin aldehyde

R.T.: 6.150 min  
Delta R.T.: -0.069 min  
Response: 81715182  
Conc: 102.80 ng/ml



#18 Endrin aldehyde

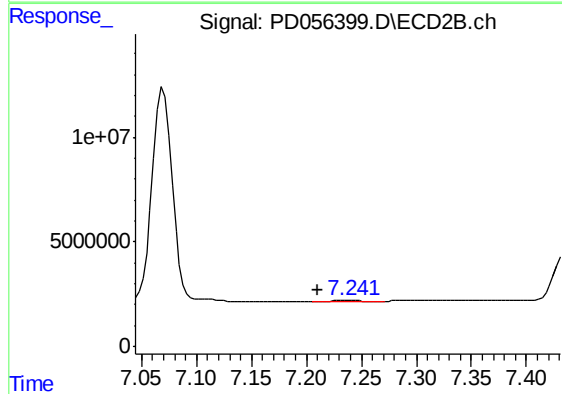
R.T.: 0.000 min  
Exp R.T. : 6.987 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

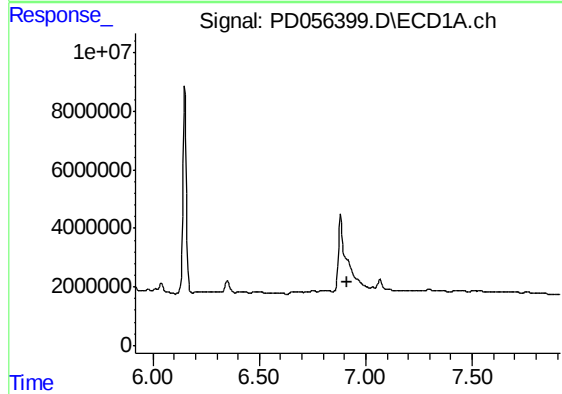
R.T.: 0.000 min  
Exp R.T. : 6.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



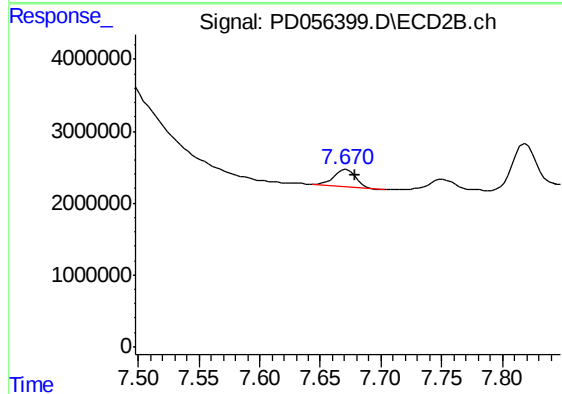
#19 Endosulfan Sulfate

R.T.: 7.242 min  
Delta R.T.: 0.033 min  
Response: 1361240  
Conc: 1.02 ng/ml



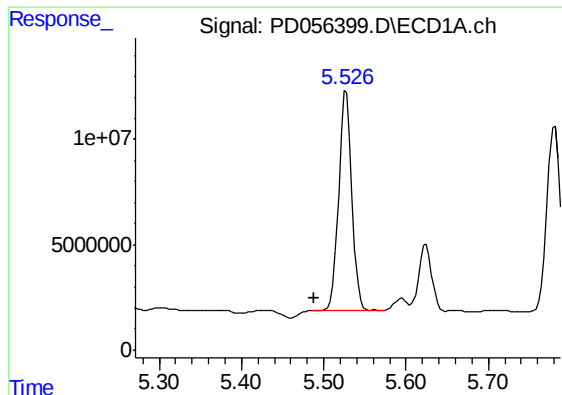
#21 Endrin ketone

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



#21 Endrin ketone

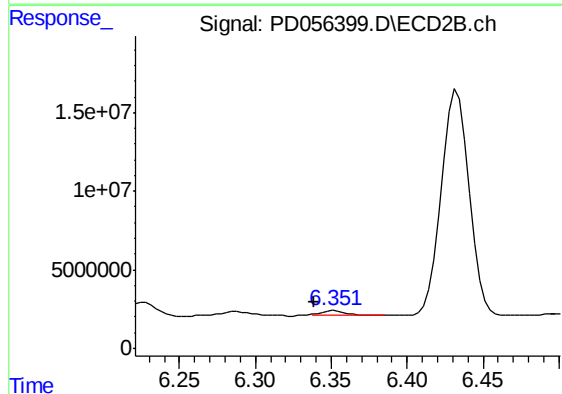
R.T.: 7.671 min  
Delta R.T.: -0.008 min  
Response: 3040079  
Conc: 2.07 ng/ml



#22 Toxaphene-1

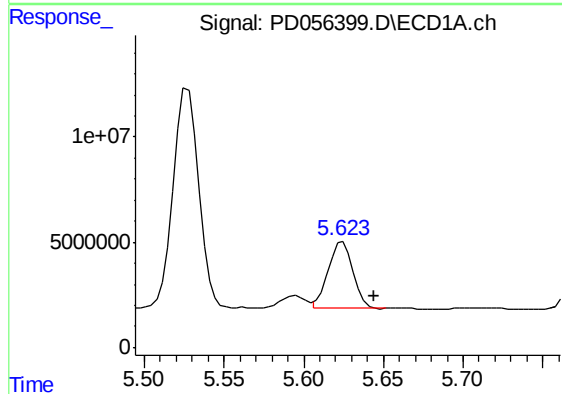
R.T.: 5.527 min  
Delta R.T.: 0.038 min  
Response: 117423710  
Conc: 13032.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



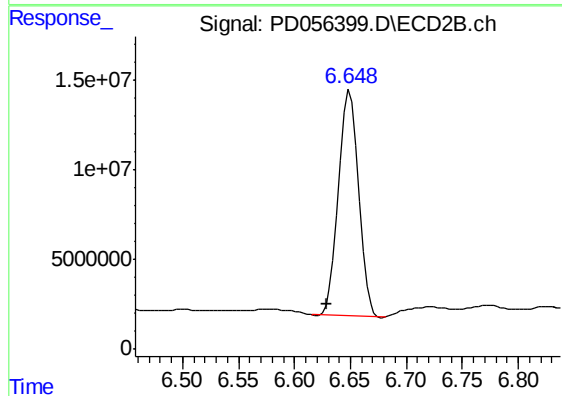
#22 Toxaphene-1

R.T.: 6.352 min  
Delta R.T.: 0.013 min  
Response: 2789335  
Conc: 248.45 ng/ml



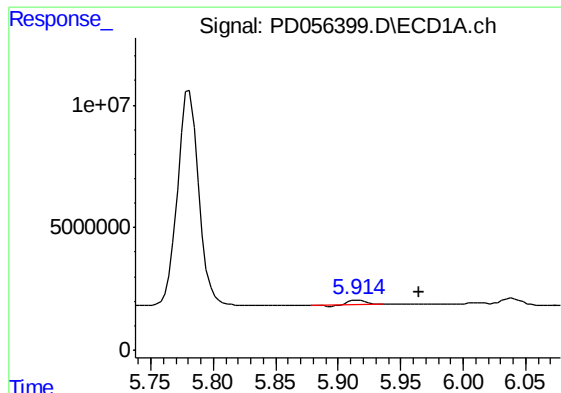
#23 Toxaphene-2

R.T.: 5.624 min  
Delta R.T.: -0.019 min  
Response: 34881613  
Conc: 3584.58 ng/ml



#23 Toxaphene-2

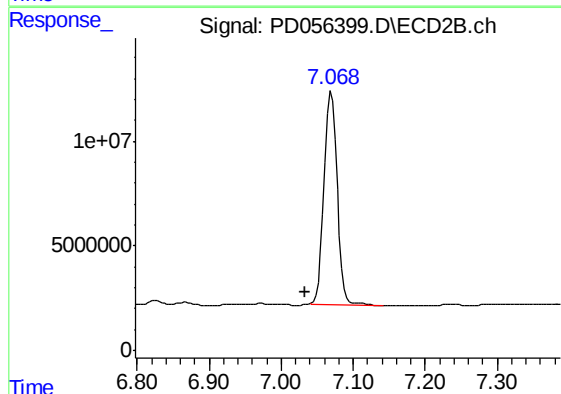
R.T.: 6.650 min  
Delta R.T.: 0.021 min  
Response: 155432534  
Conc: 11262.94 ng/ml



#24 Toxaphene-3

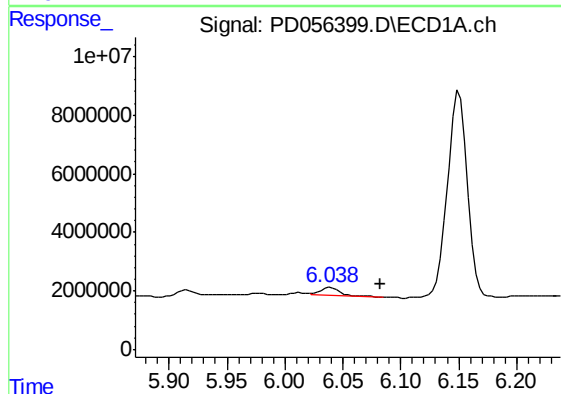
R.T.: 5.916 min  
Delta R.T.: -0.049 min  
Response: 1397644  
Conc: 168.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



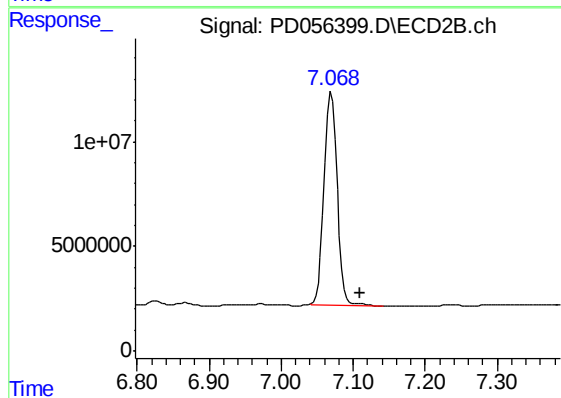
#24 Toxaphene-3

R.T.: 7.070 min  
Delta R.T.: 0.037 min  
Response: 129150772  
Conc: 6565.42 ng/ml



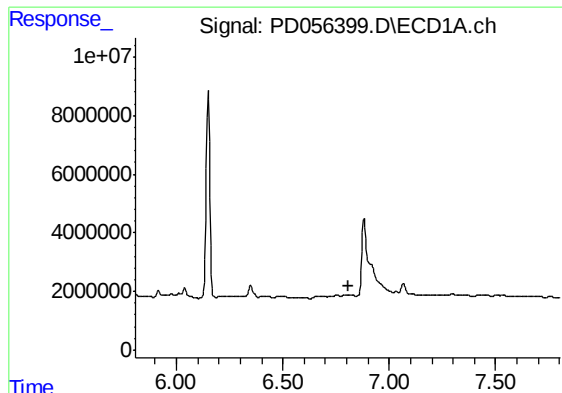
#25 Toxaphene-4

R.T.: 6.040 min  
Delta R.T.: -0.043 min  
Response: 3396547  
Conc: 137.09 ng/ml



#25 Toxaphene-4

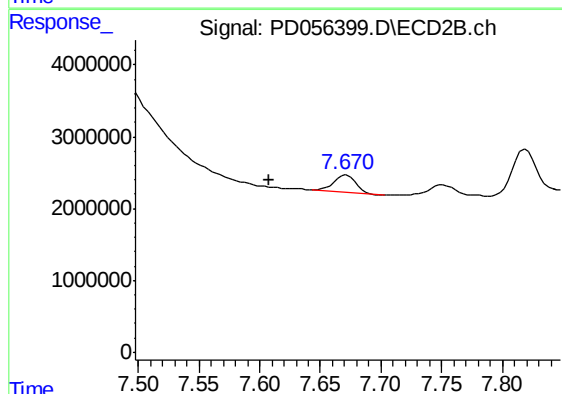
R.T.: 7.070 min  
Delta R.T.: -0.040 min  
Response: 129150772  
Conc: 2339.04 ng/ml



#26 Toxaphene-5

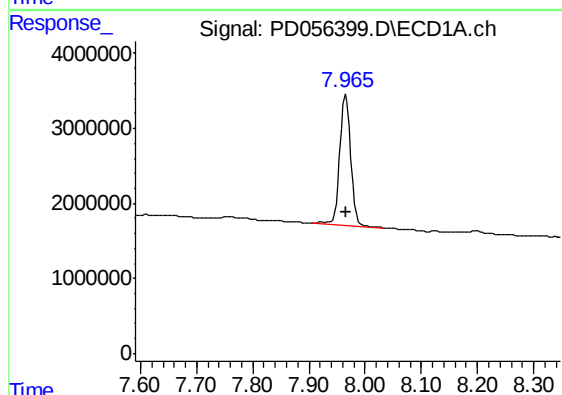
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFQW8MS



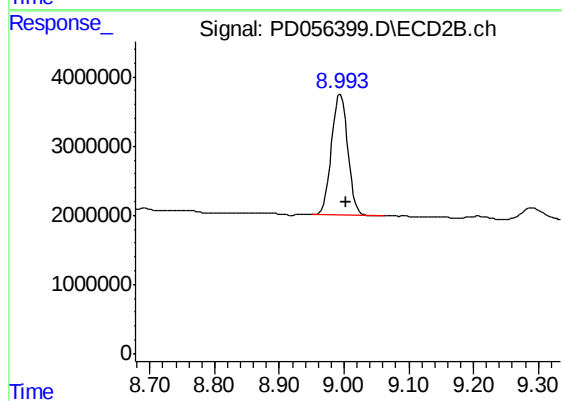
#26 Toxaphene-5

R.T.: 7.671 min  
Delta R.T.: 0.064 min  
Response: 3040079  
Conc: 118.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.966 min  
Delta R.T.: 0.000 min  
Response: 23575980  
Conc: 26.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: -0.008 min  
Response: 30479024  
Conc: 25.33 ng/ml