

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052524\  
 Data File : PD082999.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2024 11:44  
 Operator : AR\AJ  
 Sample : P2547-02DL 3X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BH5P0DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 22:22:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 17 05:17:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

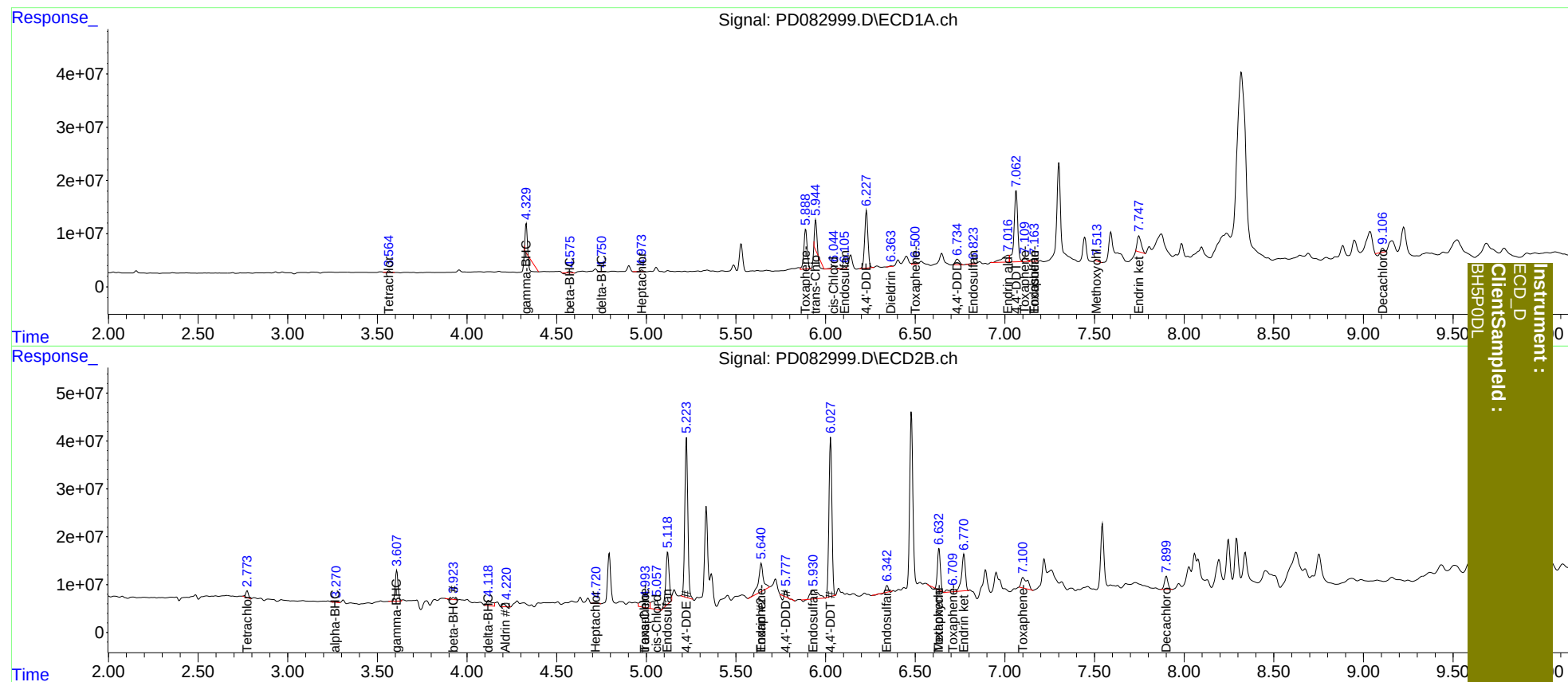
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.774  | 2374157  | 15687333 | 1.587     | 4.034 #    |
| 27)                         | SA Decachlor... | 9.107  | 7.901  | 3396556  | 36940425 | 1.695     | 9.337 #    |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 0.000  | 3.266  | 0        | 1282355  | N.D.      | 0.206      |
| 3)                          | MA gamma-BHC... | 4.331f | 3.609  | 1881831  | 71376436 | 0.763     | 12.335 #   |
| 4)                          | MA Heptachlor   | 4.974f | 3.959  | 3027487  | 91861    | 1.202     | <MDL #     |
| 5)                          | MB Aldrin       | 0.000  | 4.217  | 0        | 16257714 | N.D.      | 2.941      |
| 6)                          | B beta-BHC      | 4.576  | 3.924  | 3571354  | 2837821  | 3.292     | 1.132 #    |
| 7)                          | B delta-BHC     | 4.752f | 4.121  | 590303   | 22849562 | 0.241     | 3.862 #    |
| 8)                          | B Heptachlo...  | 0.000  | 4.719  | 0        | 3695388  | N.D.      | 0.723      |
| 9)                          | A Endosulfan I  | 6.107  | 5.120  | 4795554  | 140.6E6  | 2.305     | 31.178 #   |
| 10)                         | B trans-Chl...  | 5.945  | 4.991  | 32840141 | 45881278 | 15.171    | 9.213 #    |
| 11)                         | B cis-Chlor...  | 6.045  | 5.054  | 11121653 | 46110526 | 4.980     | 9.078 #    |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.224  | 136.7E6  | 387.2E6  | 62.670    | 81.198 #   |
| 13)                         | MA Dieldrin     | 6.366  | 0.000  | 965104   | 0        | 0.439     | N.D. #     |
| 14)                         | MA Endrin       | 0.000  | 5.641  | 0        | 111.6E6  | N.D.      | 25.512     |
| 15)                         | B Endosulfa...  | 6.826  | 5.931  | 3826207  | 54141500 | 1.986     | 12.847 #   |
| 16)                         | A 4,4'-DDD      | 6.735  | 5.779  | 16803099 | 3219341  | 10.834    | 0.856 #    |
| 17)                         | MA 4,4'-DDT     | 7.063  | 6.028  | 192.2E6  | 384.1E6  | 119.482   | 100.041    |
| 18)                         | B Endrin al...  | 7.018f | 0.000  | 35030754 | 0        | 25.218    | N.D. #     |
| 19)                         | B Endosulfa...  | 7.165  | 6.343  | 9414386  | 12202747 | 5.334     | 3.035 #    |
| 20)                         | A Methoxychlor  | 7.513  | 6.633  | 3513051  | 96294487 | 4.061     | 49.074 #   |
| 21)                         | B Endrin ke...  | 7.748f | 6.772f | 45918731 | 108.5E6  | 24.358    | 24.126     |
| 22)                         | Toxaphene-1     | 5.889  | 4.991  | 95894616 | 45881278 | 14156.051 | 1732.928 # |
| 23)                         | Toxaphene-2     | 6.501  | 5.641f | 6816173  | 111.6E6  | 360.245   | 3909.090 # |
| 24)                         | Toxaphene-3     | 7.111  | 6.633f | 11271175 | 96294487 | 213.704   | 1031.226 # |
| 25)                         | Toxaphene-4     | 7.165  | 6.711  | 9414386  | 15410421 | 241.207   | 120.760 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.102f | 0        | 56148896 | N.D.      | 1120.759   |
| -----                       |                 |        |        |          |          |           |            |

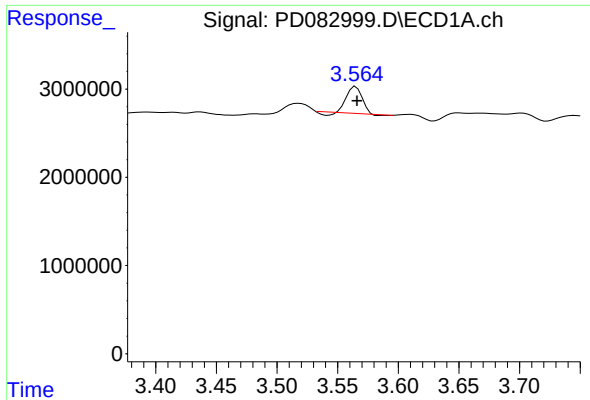
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052524\  
Data File : PD082999.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2024 11:44  
Operator : AR\AJ  
Sample : P2547-02DL 3X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 22:22:09 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 17 05:17:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

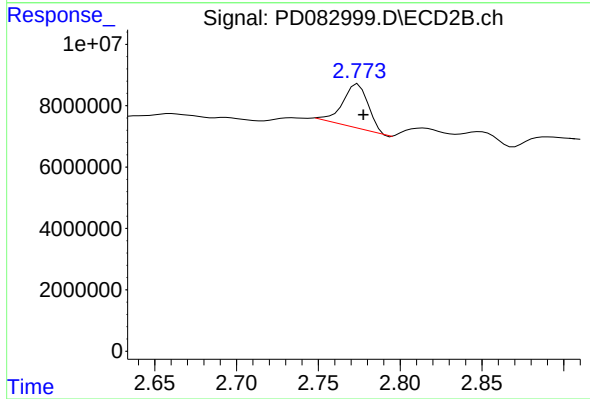




#1 Tetrachloro-m-xylene

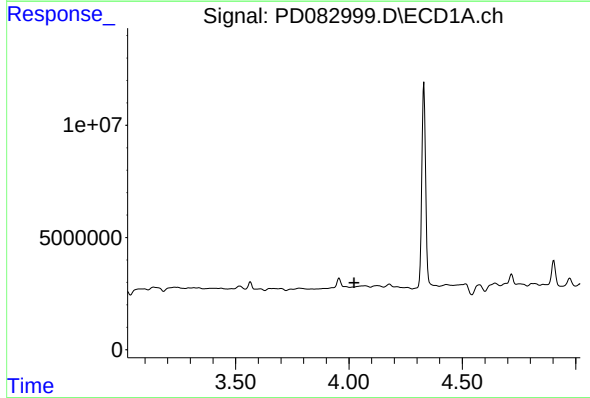
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 2374157  
Conc: 1.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



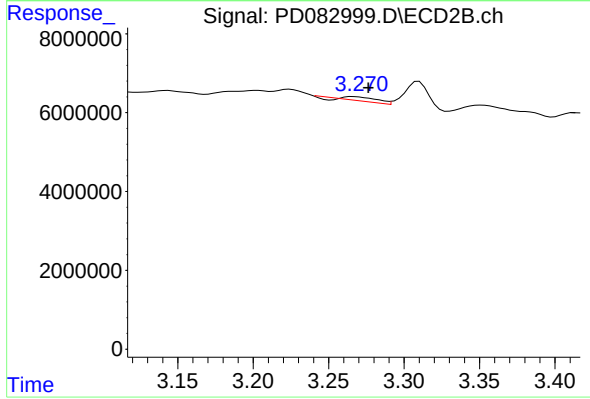
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: -0.003 min  
Response: 15687333  
Conc: 4.03 ng/ml



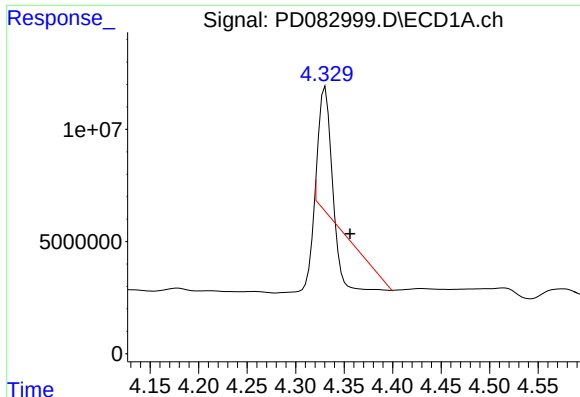
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.023 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

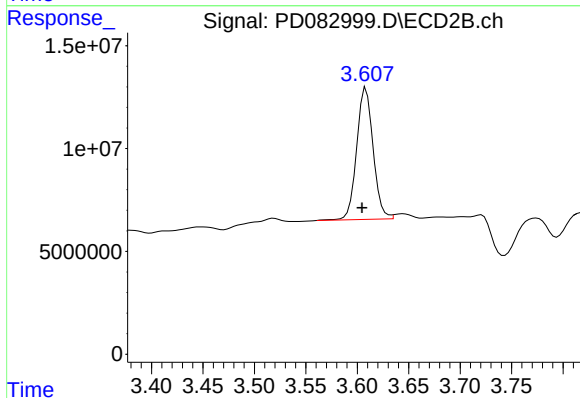
R.T.: 3.266 min  
Delta R.T.: -0.010 min  
Response: 1282355  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

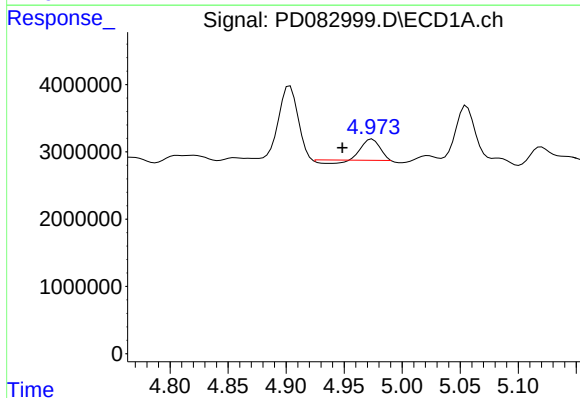
R.T.: 4.331 min  
Delta R.T.: -0.026 min  
Response: 1881831  
Conc: 0.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



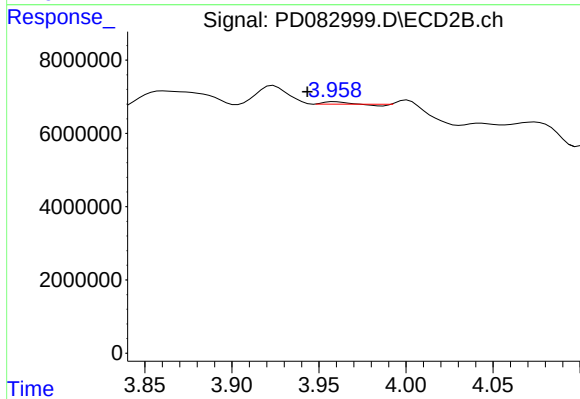
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.004 min  
Response: 71376436  
Conc: 12.34 ng/ml



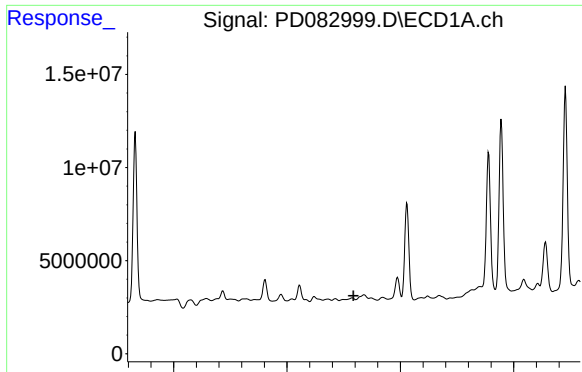
#4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: 0.026 min  
Response: 3027487  
Conc: 1.20 ng/ml



#4 Heptachlor

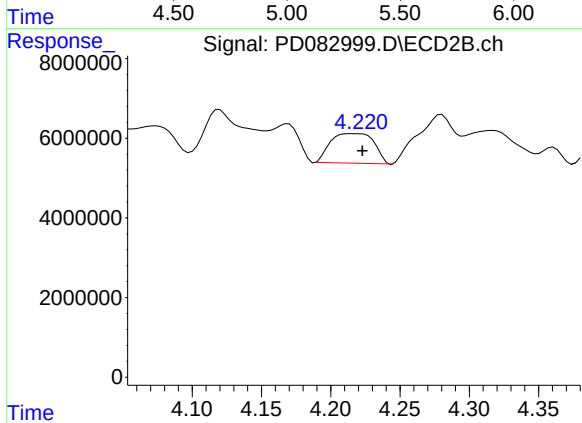
R.T.: 3.959 min  
Delta R.T.: 0.016 min  
Response: 91861  
Conc: N.D.



#5 Aldrin

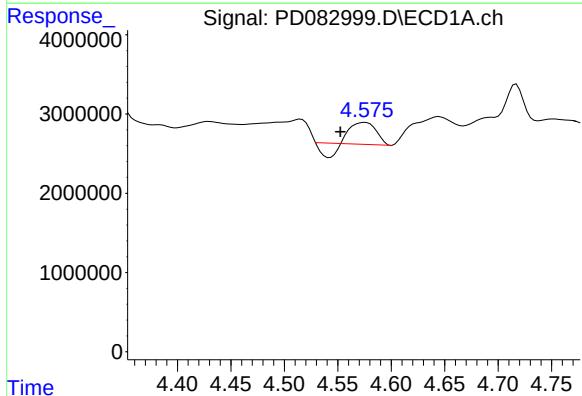
R.T.: 0.000 min  
Exp R.T.: 5.293 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



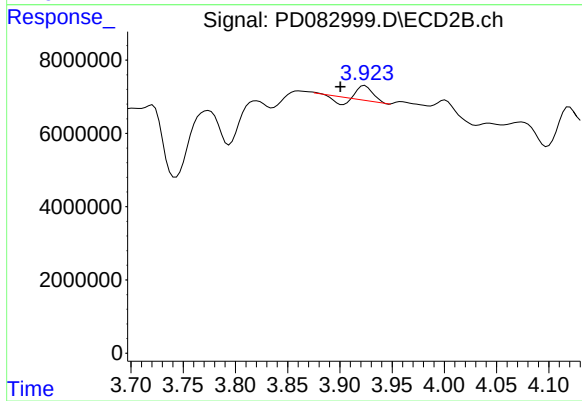
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: -0.006 min  
Response: 16257714  
Conc: 2.94 ng/ml



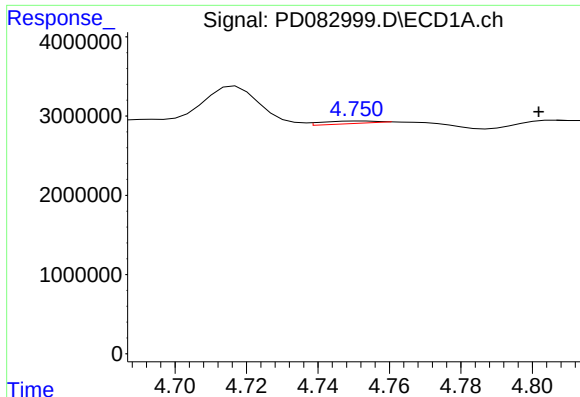
#6 beta-BHC

R.T.: 4.576 min  
Delta R.T.: 0.023 min  
Response: 3571354  
Conc: 3.29 ng/ml



#6 beta-BHC

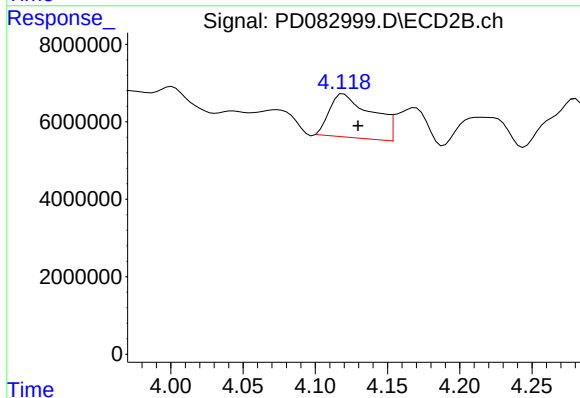
R.T.: 3.924 min  
Delta R.T.: 0.024 min  
Response: 2837821  
Conc: 1.13 ng/ml



#7 delta-BHC

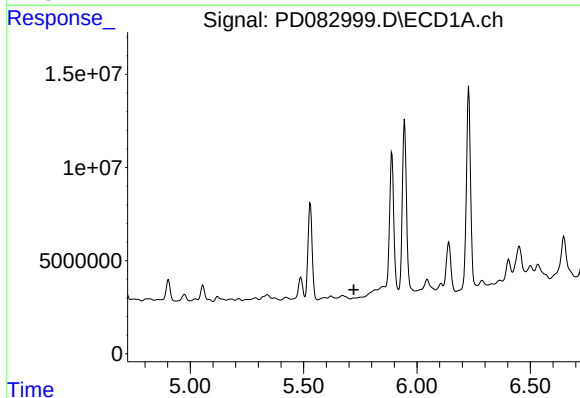
R.T.: 4.752 min  
Delta R.T.: -0.050 min  
Response: 590303  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



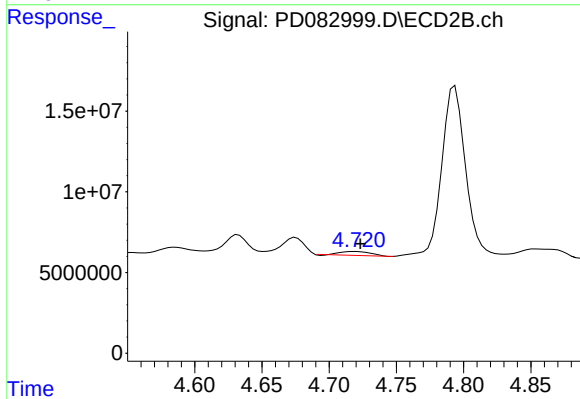
#7 delta-BHC

R.T.: 4.121 min  
Delta R.T.: -0.009 min  
Response: 22849562  
Conc: 3.86 ng/ml



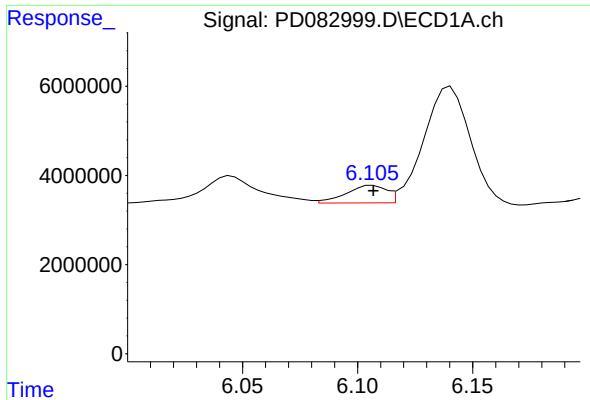
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.721 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

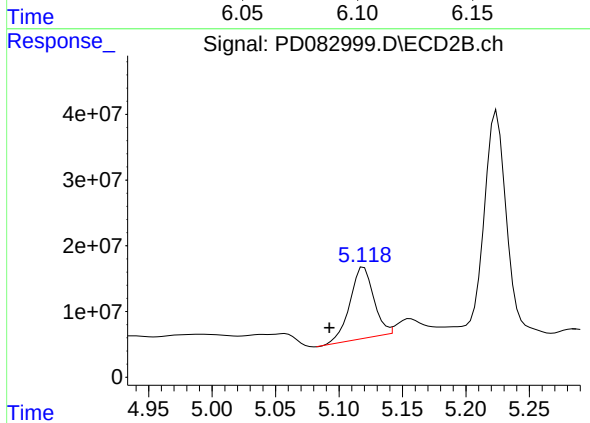
R.T.: 4.719 min  
Delta R.T.: -0.004 min  
Response: 3695388  
Conc: 0.72 ng/ml



#9 Endosulfan I

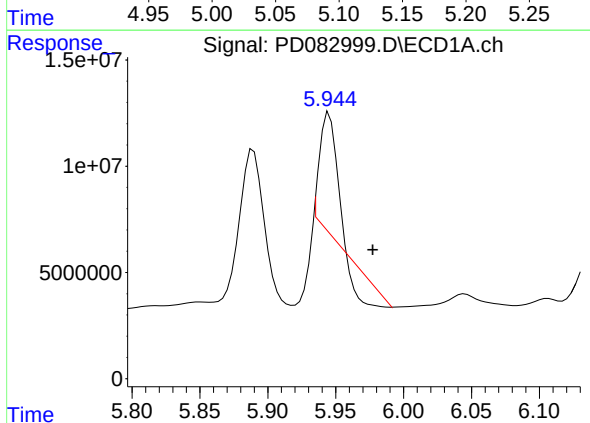
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 4795554  
Conc: 2.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



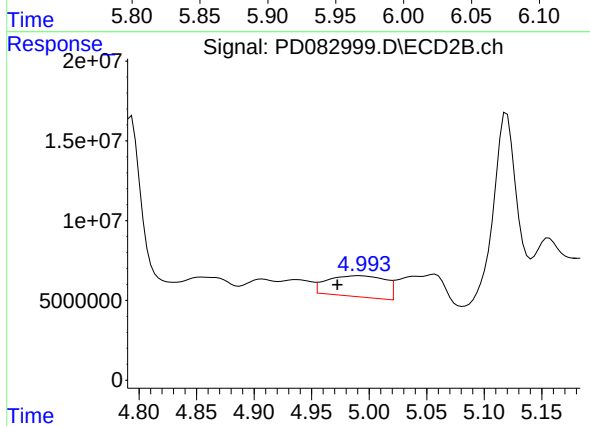
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: 0.027 min  
Response: 140607772  
Conc: 31.18 ng/ml



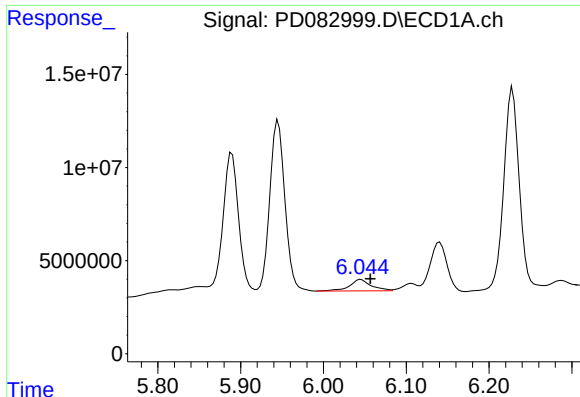
#10 trans-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.032 min  
Response: 32840141  
Conc: 15.17 ng/ml



#10 trans-Chlordane

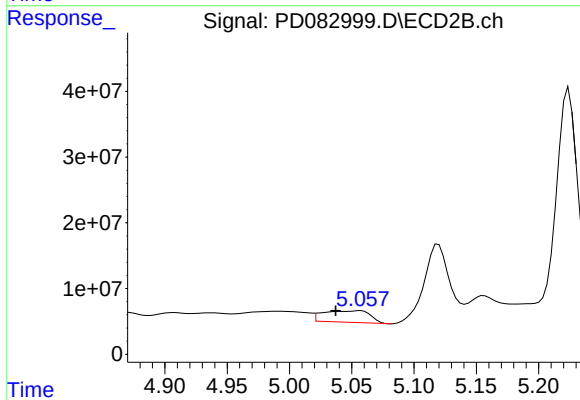
R.T.: 4.991 min  
Delta R.T.: 0.019 min  
Response: 45881278  
Conc: 9.21 ng/ml



#11 cis-Chlordane

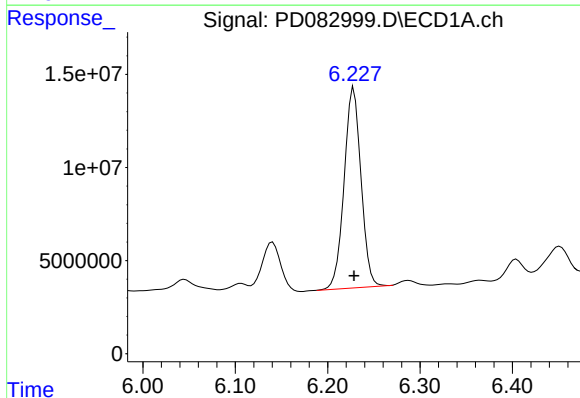
R.T.: 6.045 min  
Delta R.T.: -0.012 min  
Response: 11121653  
Conc: 4.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



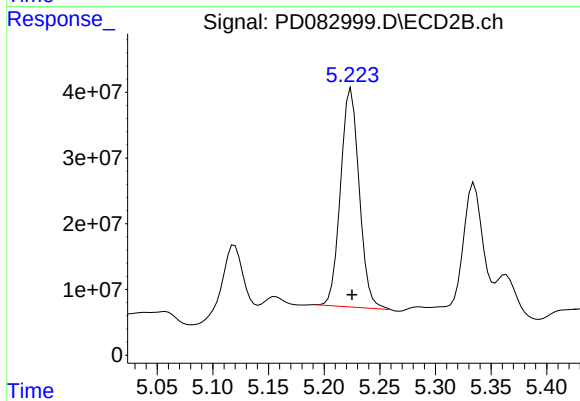
#11 cis-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.017 min  
Response: 46110526  
Conc: 9.08 ng/ml



#12 4,4'-DDE

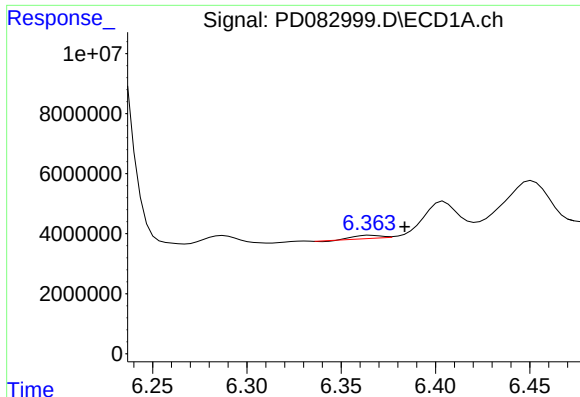
R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 136669696  
Conc: 62.67 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 387215626  
Conc: 81.20 ng/ml

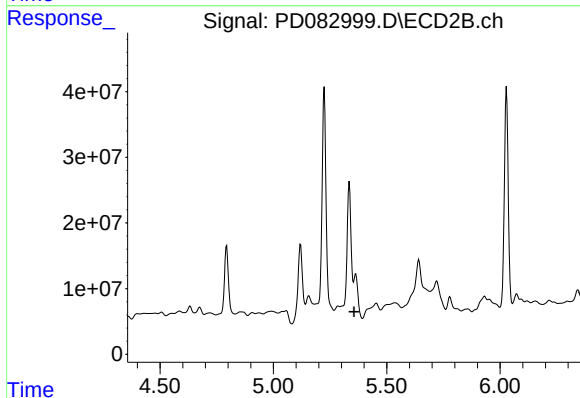




#13 Dieldrin

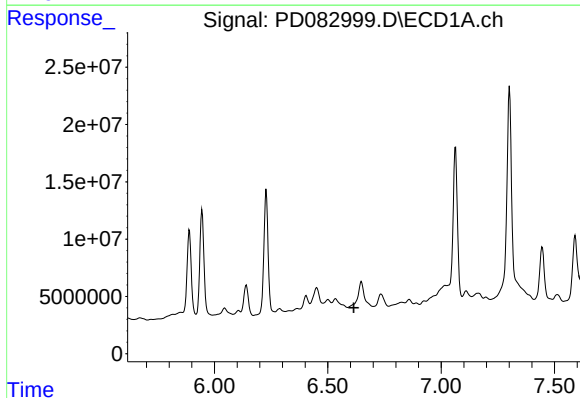
R.T.: 6.366 min  
Delta R.T.: -0.018 min  
Response: 965104  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



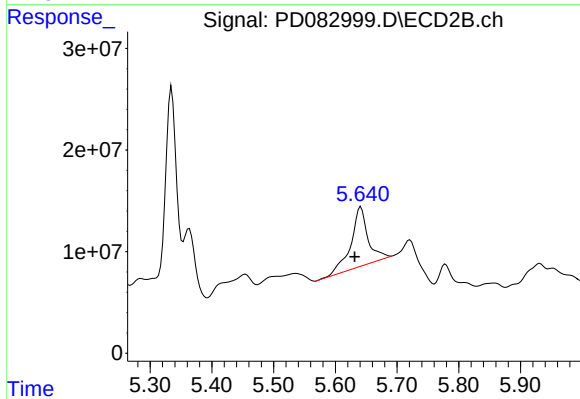
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.356 min  
Response: 0  
Conc: N.D.



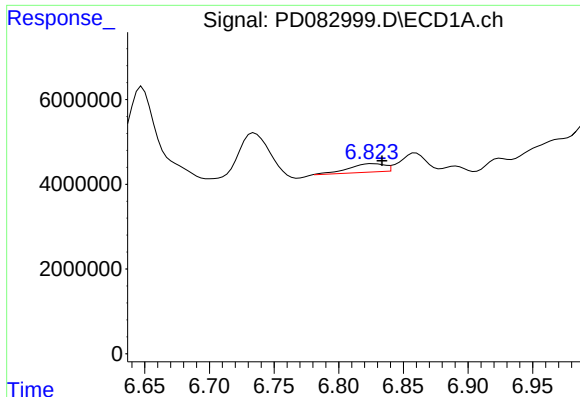
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.614 min  
Response: 0  
Conc: N.D.



#14 Endrin

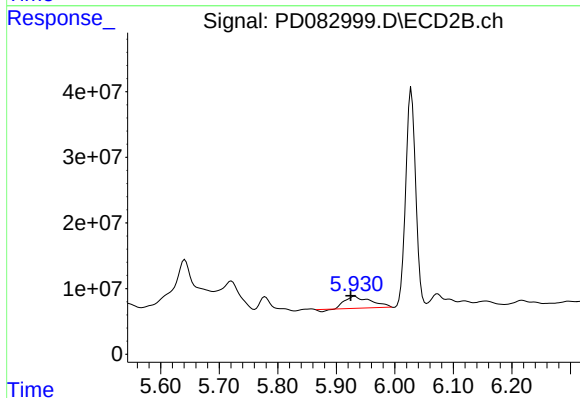
R.T.: 5.641 min  
Delta R.T.: 0.010 min  
Response: 111578703  
Conc: 25.51 ng/ml



#15 Endosulfan II

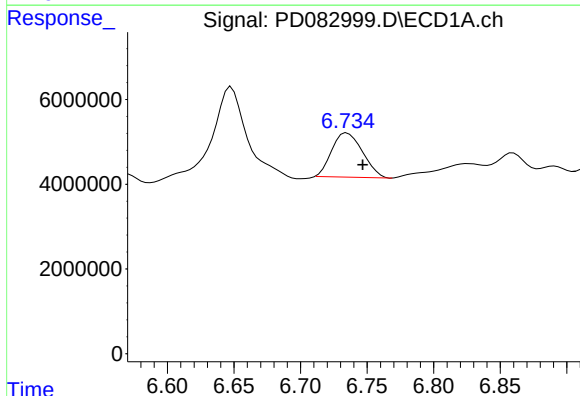
R.T.: 6.826 min  
Delta R.T.: -0.007 min  
Response: 3826207  
Conc: 1.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



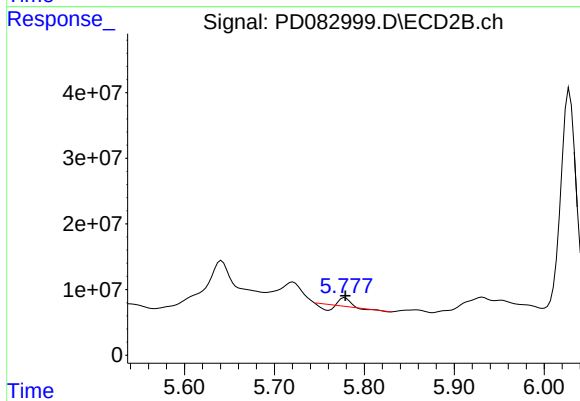
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.007 min  
Response: 54141500  
Conc: 12.85 ng/ml



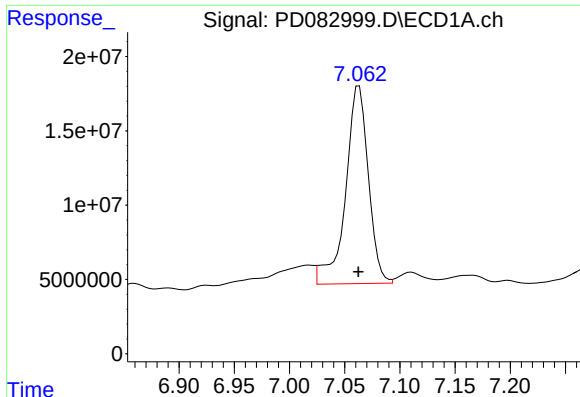
#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: -0.012 min  
Response: 16803099  
Conc: 10.83 ng/ml



#16 4,4'-DDD

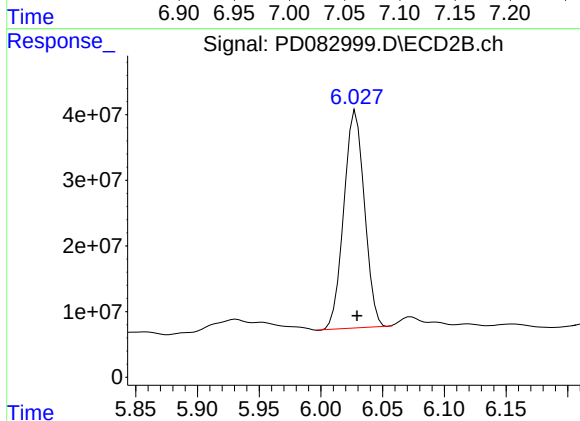
R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 3219341  
Conc: 0.86 ng/ml



#17 4,4'-DDT

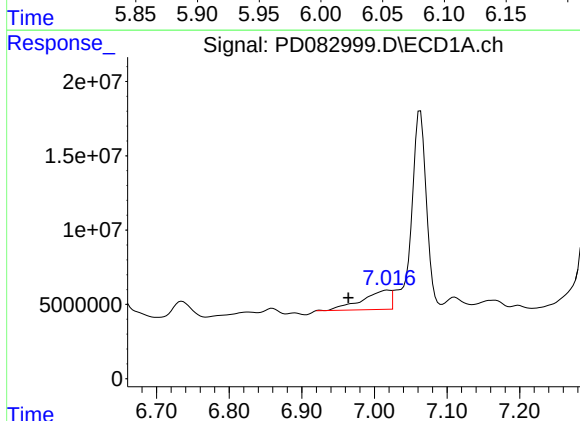
R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 192170108  
Conc: 119.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



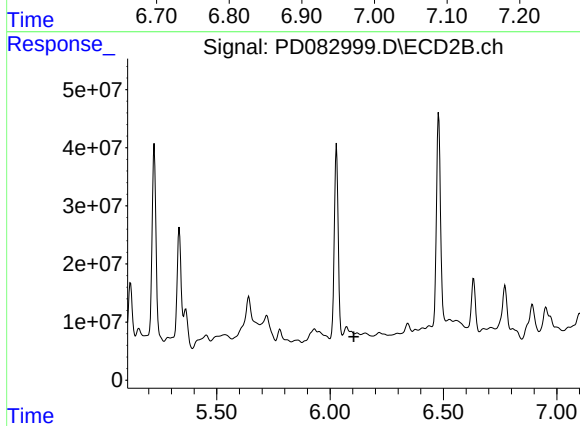
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: -0.001 min  
Response: 384126389  
Conc: 100.04 ng/ml



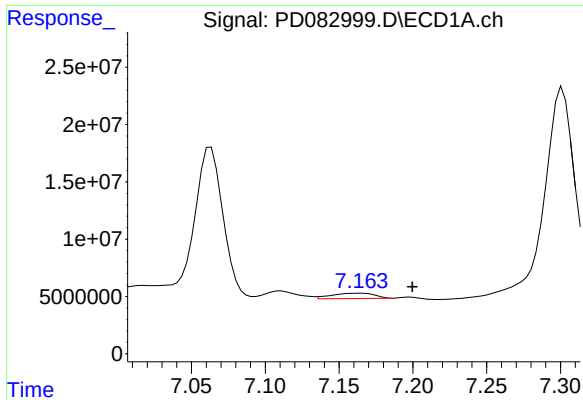
#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.054 min  
Response: 35030754  
Conc: 25.22 ng/ml



#18 Endrin aldehyde

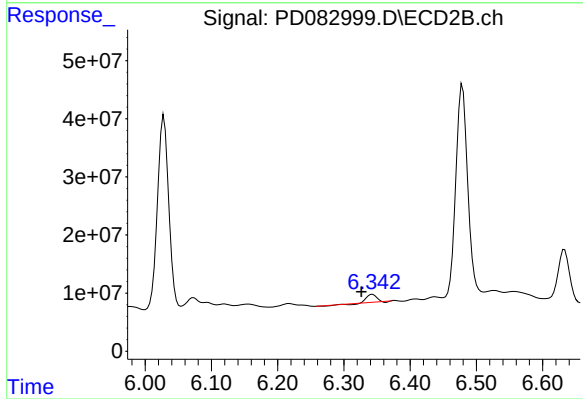
R.T.: 0.000 min  
Exp R.T. : 6.104 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

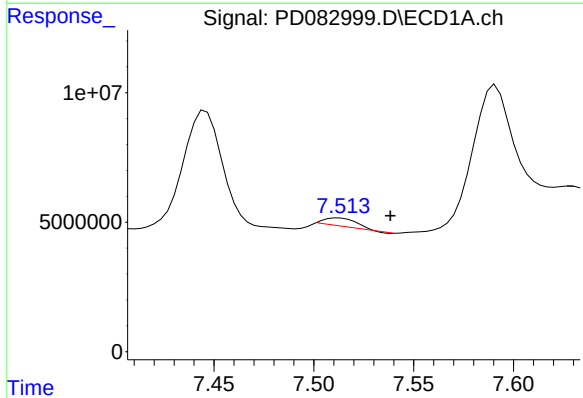
R.T.: 7.165 min  
Delta R.T.: -0.035 min  
Response: 9414386  
Conc: 5.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



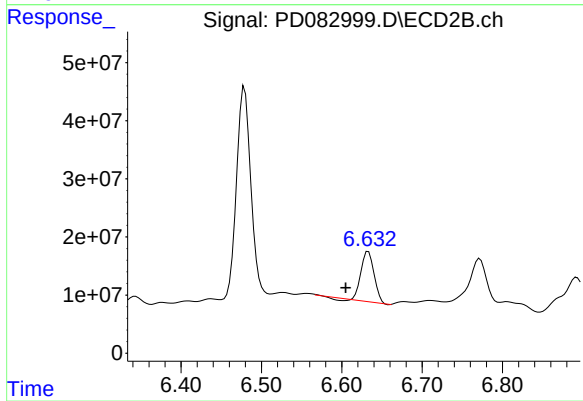
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: 0.017 min  
Response: 12202747  
Conc: 3.04 ng/ml



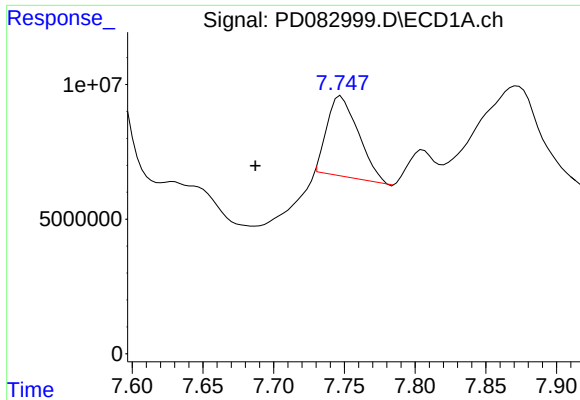
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.026 min  
Response: 3513051  
Conc: 4.06 ng/ml



#20 Methoxychlor

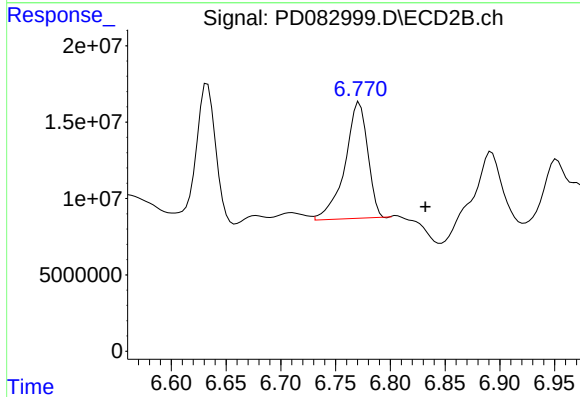
R.T.: 6.633 min  
Delta R.T.: 0.028 min  
Response: 96294487  
Conc: 49.07 ng/ml



#21 Endrin ketone

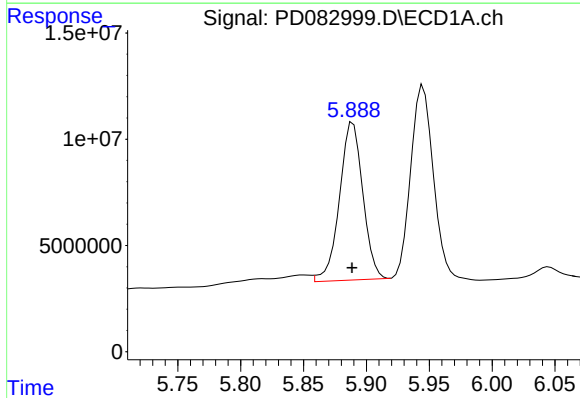
R.T.: 7.748 min  
Delta R.T.: 0.061 min  
Response: 45918731  
Conc: 24.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



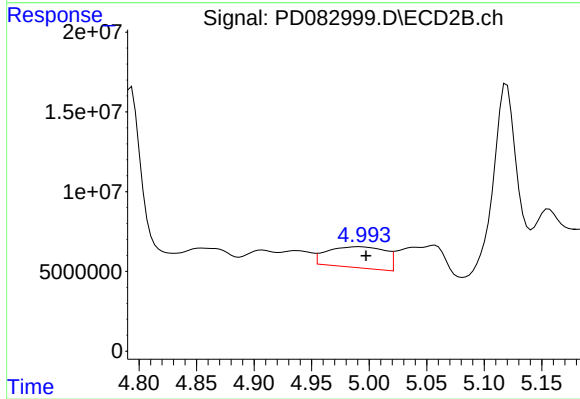
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.061 min  
Response: 108502069  
Conc: 24.13 ng/ml



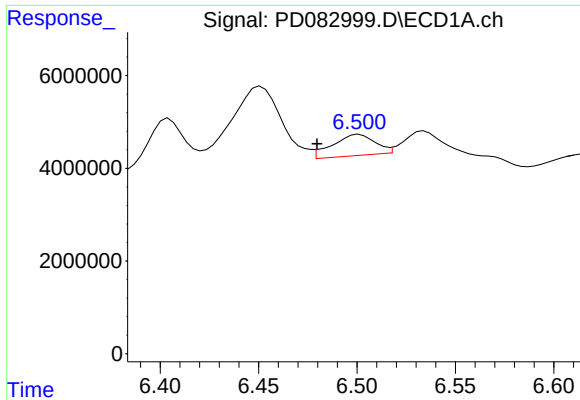
#22 Toxaphene-1

R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 95894616  
Conc: 14156.05 ng/ml



#22 Toxaphene-1

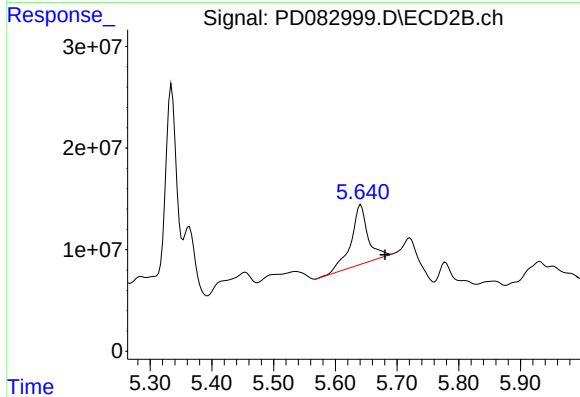
R.T.: 4.991 min  
Delta R.T.: -0.006 min  
Response: 45881278  
Conc: 1732.93 ng/ml



#23 Toxaphene-2

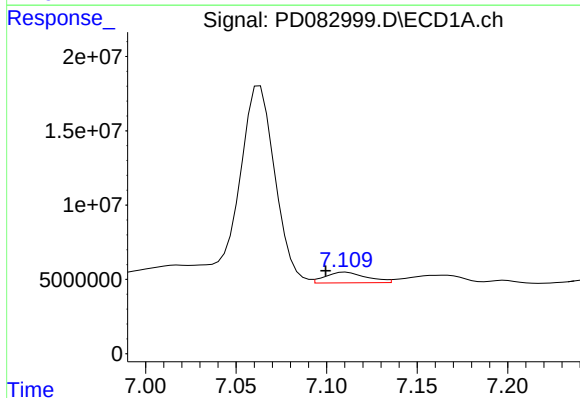
R.T.: 6.501 min  
Delta R.T.: 0.022 min  
Response: 6816173  
Conc: 360.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



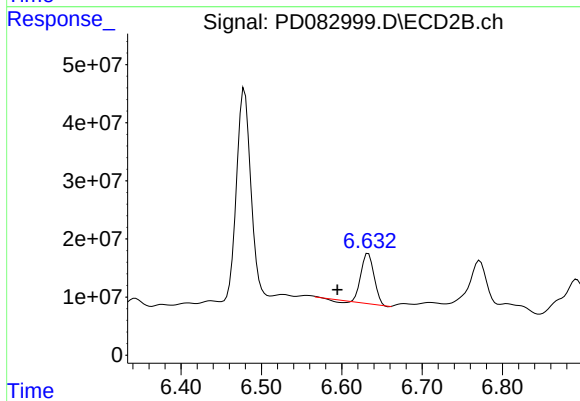
#23 Toxaphene-2

R.T.: 5.641 min  
Delta R.T.: -0.039 min  
Response: 111578703  
Conc: 3909.09 ng/ml



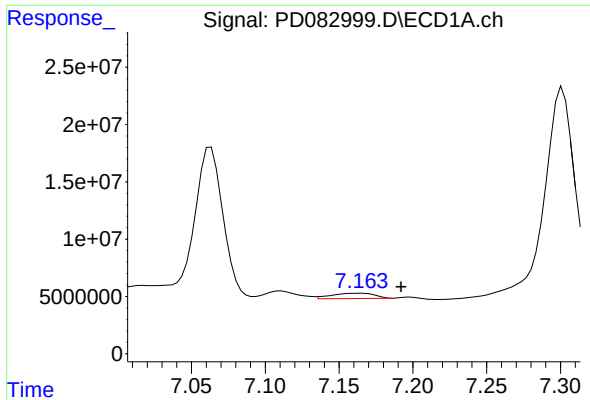
#24 Toxaphene-3

R.T.: 7.111 min  
Delta R.T.: 0.011 min  
Response: 11271175  
Conc: 213.70 ng/ml



#24 Toxaphene-3

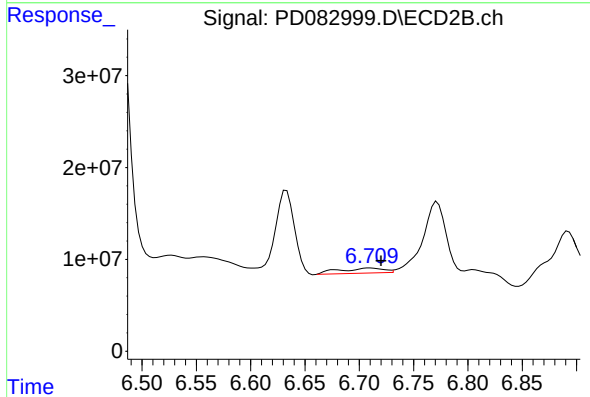
R.T.: 6.633 min  
Delta R.T.: 0.039 min  
Response: 96294487  
Conc: 1031.23 ng/ml



#25 Toxaphene-4

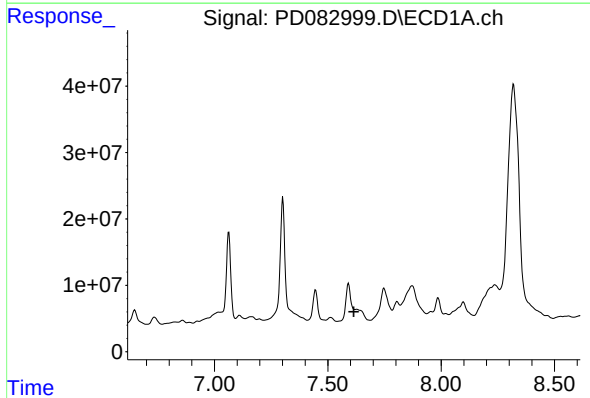
R.T.: 7.165 min  
Delta R.T.: -0.027 min  
Response: 9414386  
Conc: 241.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



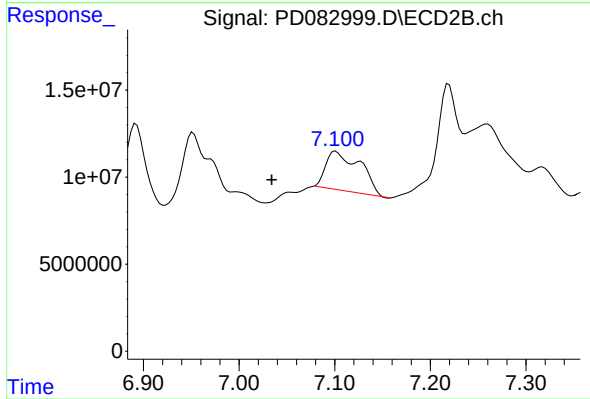
#25 Toxaphene-4

R.T.: 6.711 min  
Delta R.T.: -0.009 min  
Response: 15410421  
Conc: 120.76 ng/ml



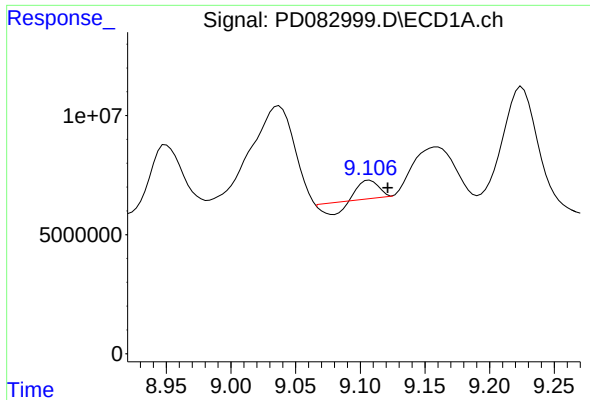
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.615 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

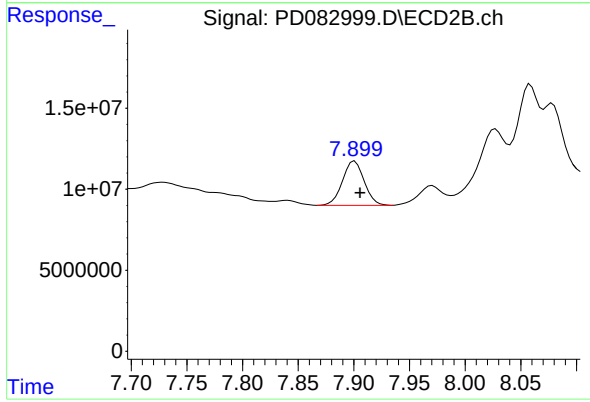
R.T.: 7.102 min  
Delta R.T.: 0.068 min  
Response: 56148896  
Conc: 1120.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: -0.014 min  
Response: 3396556  
Conc: 1.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH5P0DL



#27 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: -0.005 min  
Response: 36940425  
Conc: 9.34 ng/ml