

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
 Data File : PD078398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2023 07:09  
 Operator : AR\AJ  
 Sample : 04588-13MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 07:39:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 2023  
 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

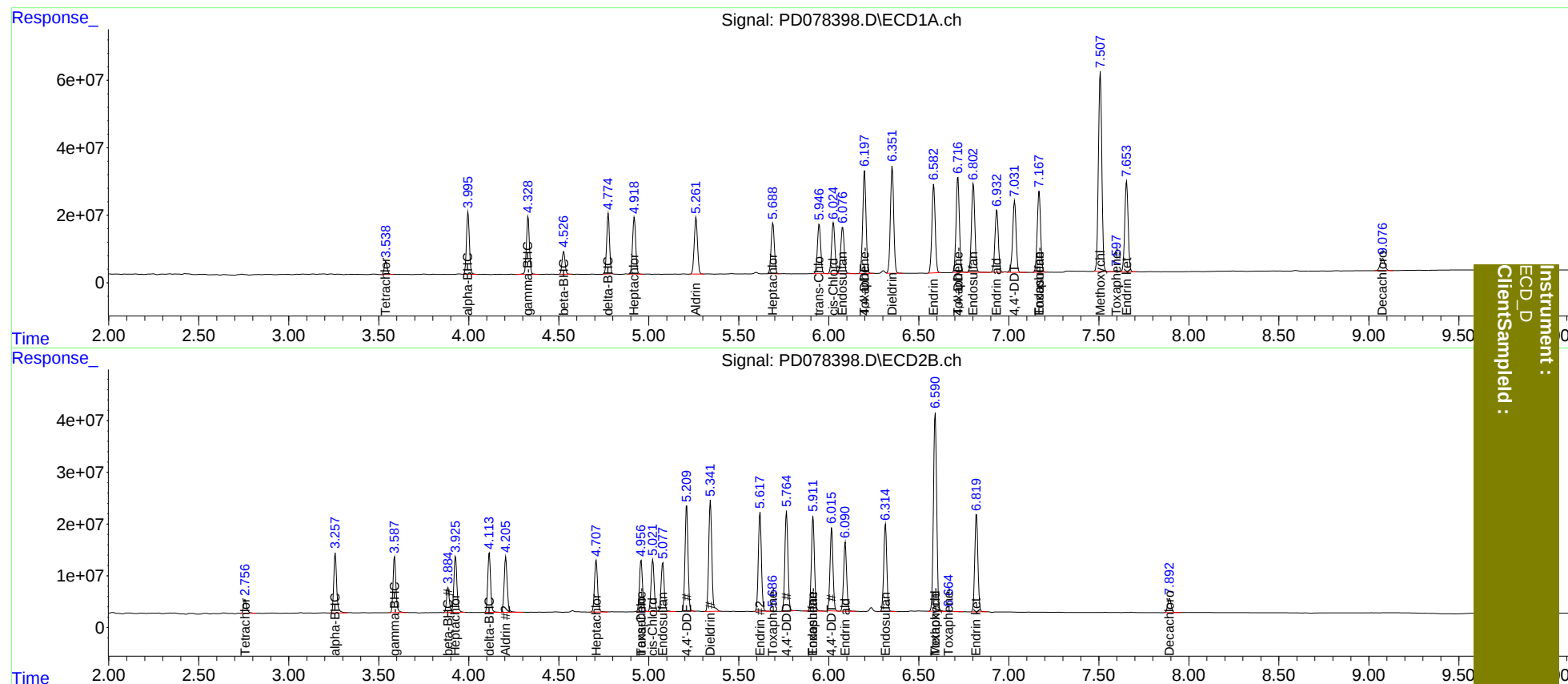
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.540  | 2.757  | 43295874 | 31920256 | 17.061    | 21.599 #    |
| 27)                         | SA Decachlor... | 9.077  | 7.893  | 64580602 | 36440867 | 20.673    | 22.501      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.996  | 3.259  | 208.0E6  | 128.5E6  | 48.581    | 56.699      |
| 3)                          | MA gamma-BHC... | 4.330  | 3.588  | 200.1E6  | 119.5E6  | 49.485    | 55.350      |
| 4)                          | MA Heptachlor   | 4.920  | 3.927  | 207.6E6  | 128.3E6  | 49.686    | 57.717      |
| 5)                          | MB Aldrin       | 5.263  | 4.206  | 212.2E6  | 128.0E6  | 50.834    | 57.099      |
| 6)                          | B beta-BHC      | 4.528  | 3.885  | 77757067 | 51393341 | 42.324    | 52.013      |
| 7)                          | B delta-BHC     | 4.775  | 4.114  | 197.9E6  | 126.5E6  | 49.280    | 56.735      |
| 8)                          | B Heptachlo...  | 5.690  | 4.708  | 187.3E6  | 119.8E6  | 48.467    | 57.031      |
| 9)                          | A Endosulfan I  | 6.077  | 5.078  | 182.2E6  | 113.1E6  | 54.277    | 62.994      |
| 10)                         | B trans-Chl...  | 5.947  | 4.958  | 186.5E6  | 116.9E6  | 50.083    | 58.516      |
| 11)                         | B cis-Chlor...  | 6.026  | 5.022  | 192.1E6  | 118.0E6  | 49.853    | 57.719      |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.211  | 386.7E6  | 235.8E6  | 109.069   | 124.148     |
| 13)                         | MA Dieldrin     | 6.353  | 5.343  | 404.7E6  | 259.8E6  | 108.119   | 125.740     |
| 14)                         | MA Endrin       | 6.583  | 5.618  | 336.1E6  | 227.0E6  | 108.939   | 124.183     |
| 15)                         | B Endosulfa...  | 6.803  | 5.913  | 342.0E6  | 217.9E6  | 103.295   | 120.434     |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.765  | 360.2E6  | 227.2E6  | 135.409   | 168.781     |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.016  | 283.6E6  | 185.6E6  | 103.523   | 131.346 #   |
| 18)                         | B Endrin al...  | 6.934  | 6.092  | 240.7E6  | 156.7E6  | 92.640    | 111.405     |
| 19)                         | B Endosulfa...  | 7.169  | 6.315  | 310.8E6  | 200.1E6  | 102.555   | 121.136     |
| 20)                         | A Methoxychlor  | 7.508  | 6.591  | 782.1E6  | 480.8E6  | 501.472   | 616.202     |
| 21)                         | B Endrin ke...  | 7.655  | 6.821  | 348.0E6  | 230.5E6  | 101.067   | 120.326     |
| 22)                         | Toxaphene-1     | 6.199f | 4.958  | 386.7E6  | 116.9E6  | 14491.384 | 11195.085   |
| 23)                         | Toxaphene-2     | 0.000  | 5.687  | 0        | 158269   | N.D.      | 13.125      |
| 24)                         | Toxaphene-3     | 6.717f | 5.913f | 360.2E6  | 217.9E6  | 15602.470 | 15980.571   |
| 25)                         | Toxaphene-4     | 7.169  | 6.591  | 310.8E6  | 480.8E6  | 4325.135  | 12459.341 # |
| 26)                         | Toxaphene-5     | 7.599  | 6.665f | 5090339  | 3265755  | 97.680    | 58.839 #    |
| -----                       |                 |        |        |          |          |           |             |

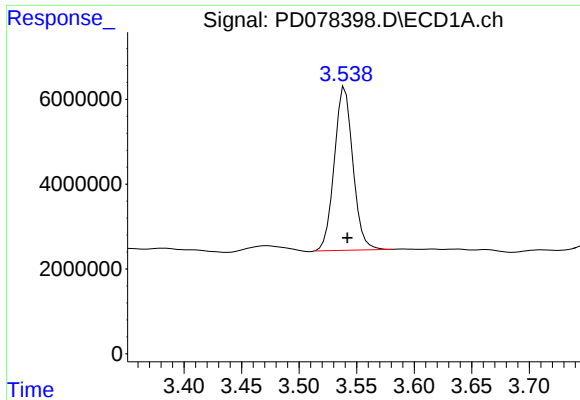
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
Data File : PD078398.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2023 07:09  
Operator : AR\AJ  
Sample : 04588-13MSD  
Misc :  
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 07:39:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
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

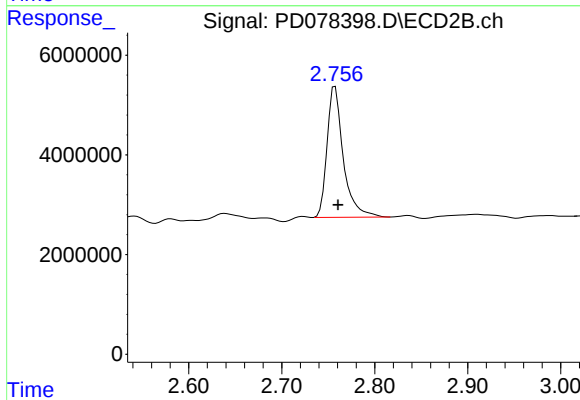




#1 Tetrachloro-m-xylene

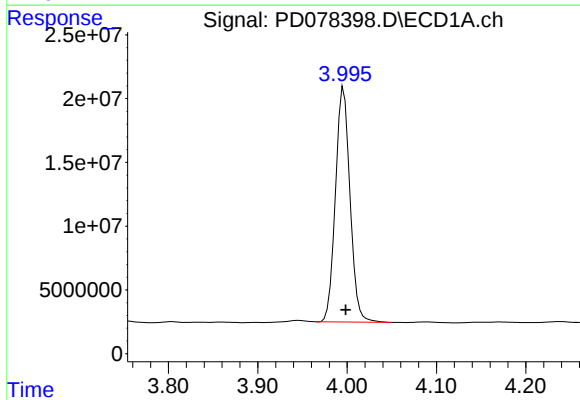
R.T.: 3.540 min  
Delta R.T.: -0.002 min  
Response: 43295874  
Conc: 17.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



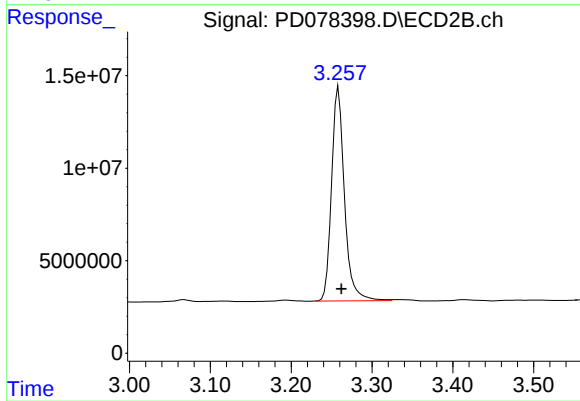
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: -0.003 min  
Response: 31920256  
Conc: 21.60 ng/ml



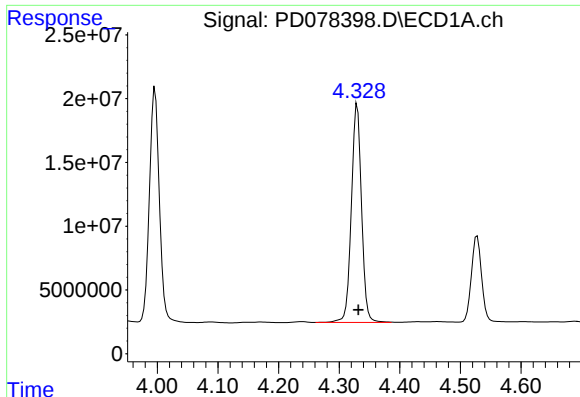
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.002 min  
Response: 208011627  
Conc: 48.58 ng/ml



#2 alpha-BHC

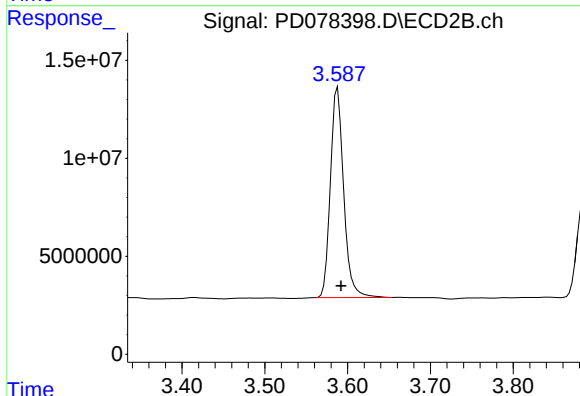
R.T.: 3.259 min  
Delta R.T.: -0.003 min  
Response: 128521053  
Conc: 56.70 ng/ml



#3 gamma-BHC (Lindane)

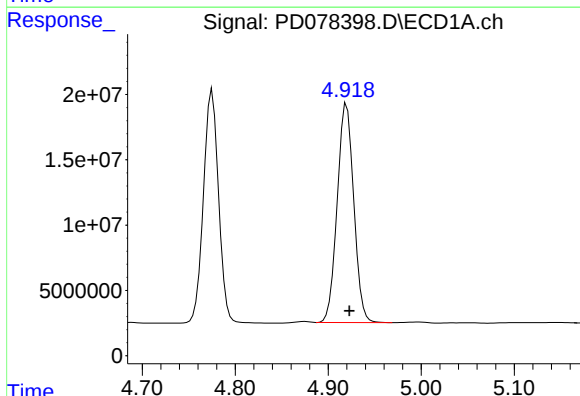
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 200079726  
Conc: 49.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



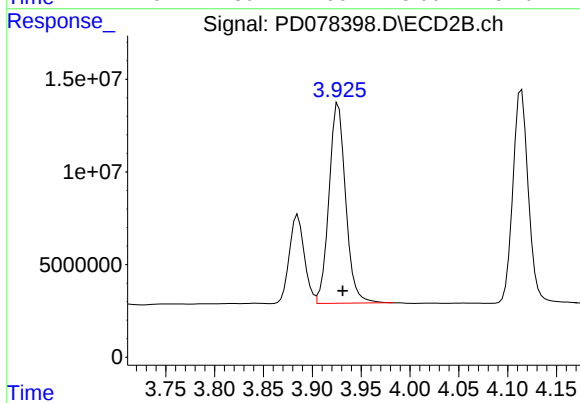
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: -0.004 min  
Response: 119505112  
Conc: 55.35 ng/ml



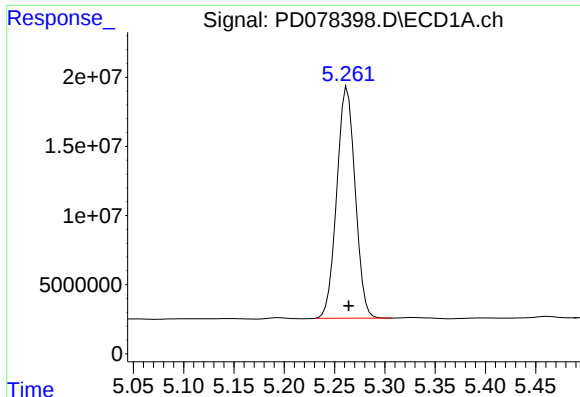
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.003 min  
Response: 207629781  
Conc: 49.69 ng/ml



#4 Heptachlor

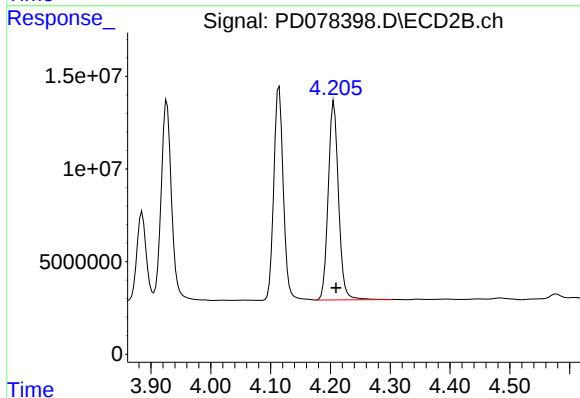
R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 128320672  
Conc: 57.72 ng/ml



#5 Aldrin

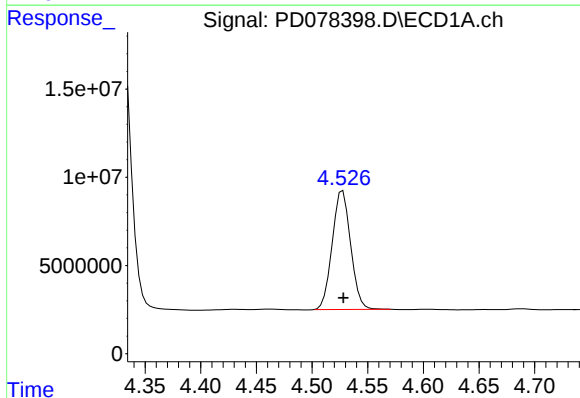
R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 212218383  
Conc: 50.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



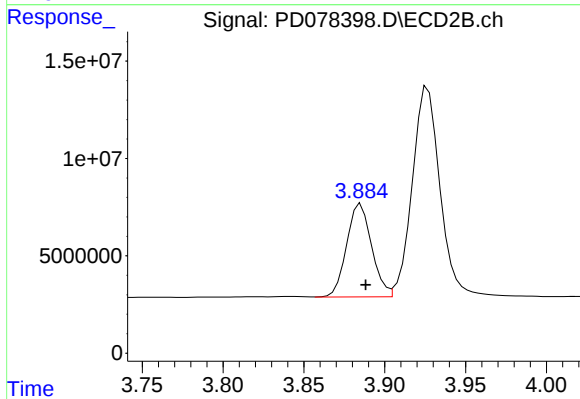
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: -0.004 min  
Response: 127982819  
Conc: 57.10 ng/ml



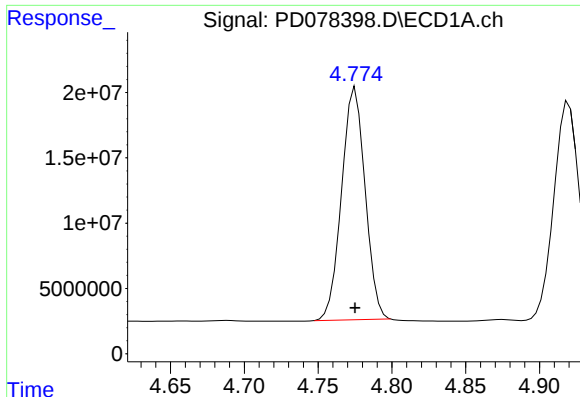
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 77757067  
Conc: 42.32 ng/ml



#6 beta-BHC

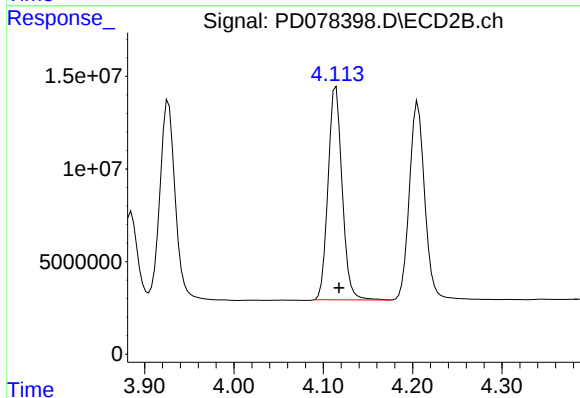
R.T.: 3.885 min  
Delta R.T.: -0.003 min  
Response: 51393341  
Conc: 52.01 ng/ml



#7 delta-BHC

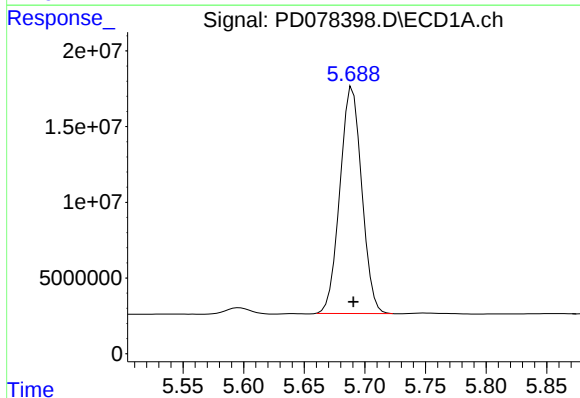
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 197878497  
Conc: 49.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



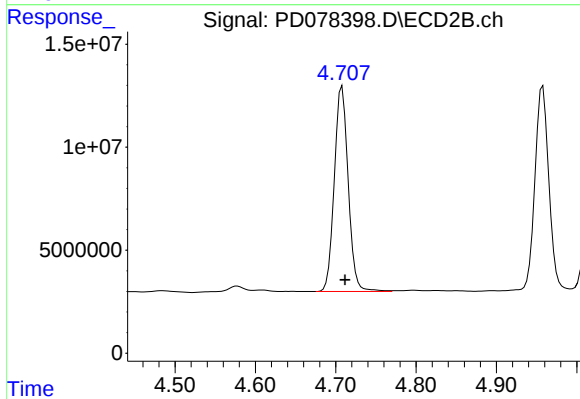
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: -0.003 min  
Response: 126464376  
Conc: 56.74 ng/ml



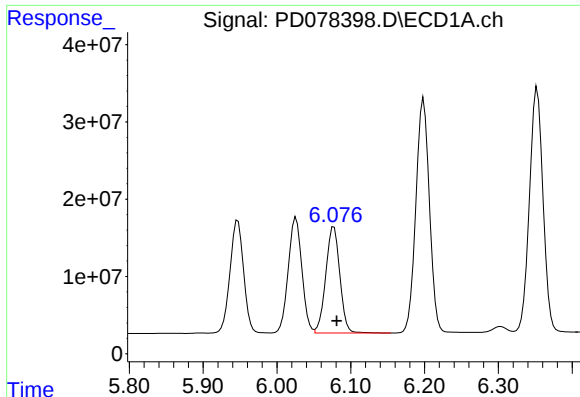
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 187311875  
Conc: 48.47 ng/ml



#8 Heptachlor epoxide

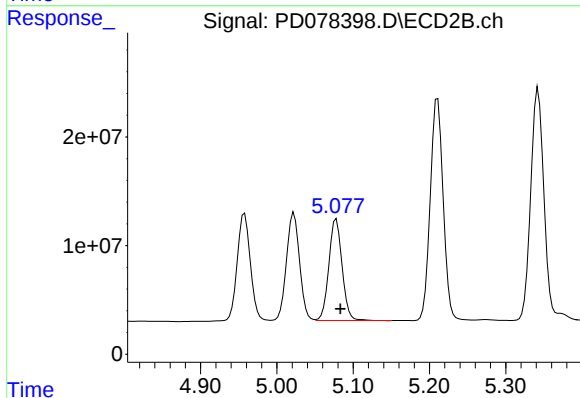
R.T.: 4.708 min  
Delta R.T.: -0.004 min  
Response: 119792157  
Conc: 57.03 ng/ml



#9 Endosulfan I

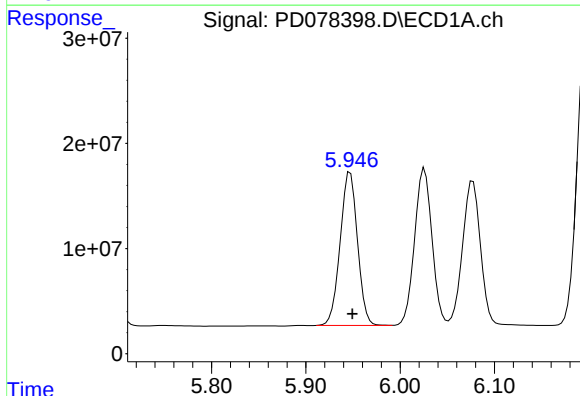
R.T.: 6.077 min  
Delta R.T.: -0.004 min  
Response: 182191376  
Conc: 54.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



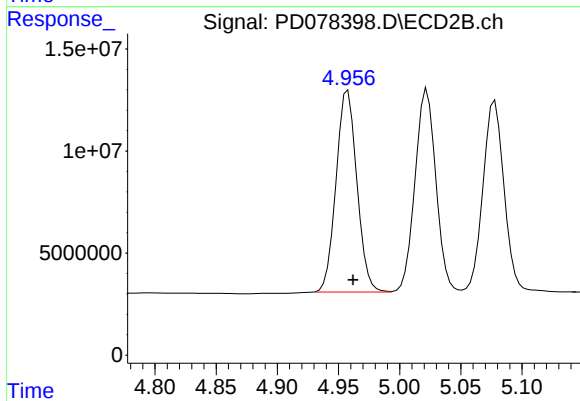
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: -0.005 min  
Response: 113071998  
Conc: 62.99 ng/ml



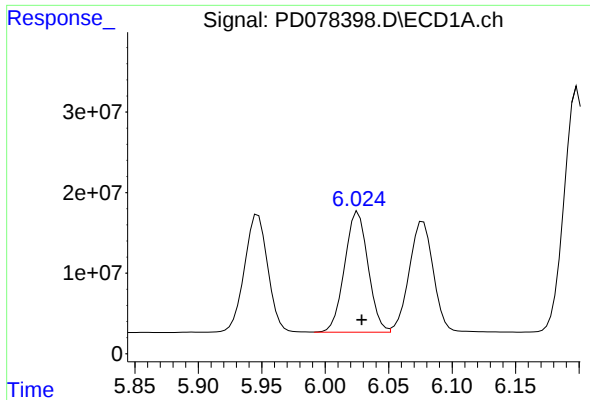
#10 trans-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 186473692  
Conc: 50.08 ng/ml



#10 trans-Chlordane

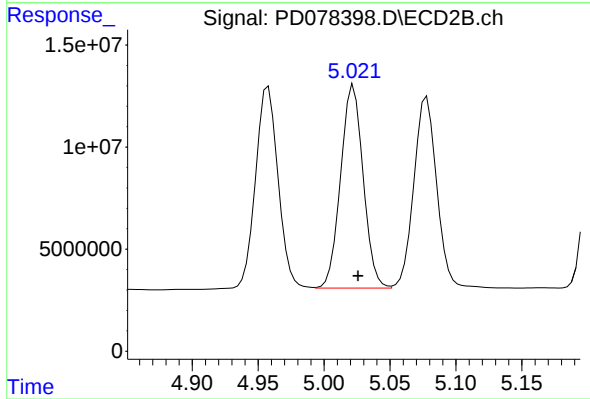
R.T.: 4.958 min  
Delta R.T.: -0.004 min  
Response: 116851963  
Conc: 58.52 ng/ml



#11 cis-Chlordane

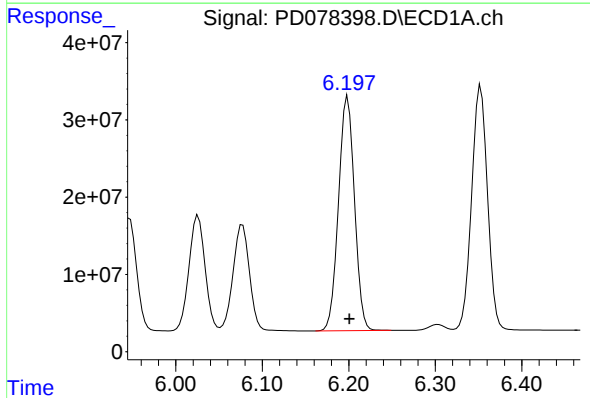
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 192135642  
Conc: 49.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



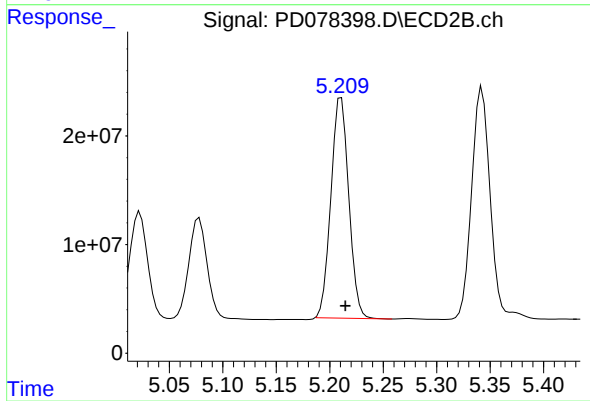
#11 cis-Chlordane

R.T.: 5.022 min  
Delta R.T.: -0.003 min  
Response: 118036937  
Conc: 57.72 ng/ml



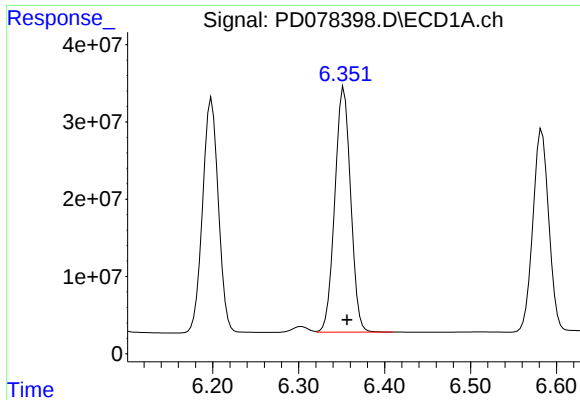
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 386668718  
Conc: 109.07 ng/ml



#12 4,4'-DDE

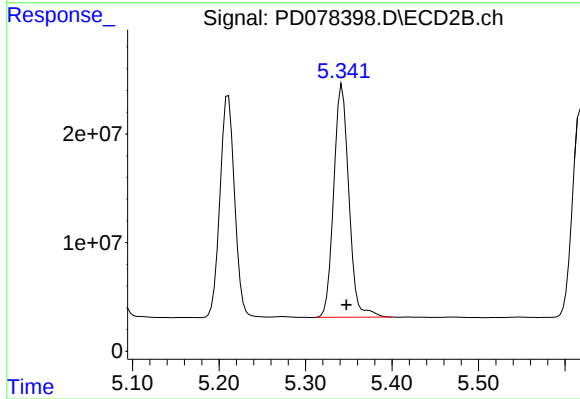
R.T.: 5.211 min  
Delta R.T.: -0.004 min  
Response: 235839277  
Conc: 124.15 ng/ml



#13 Dieldrin

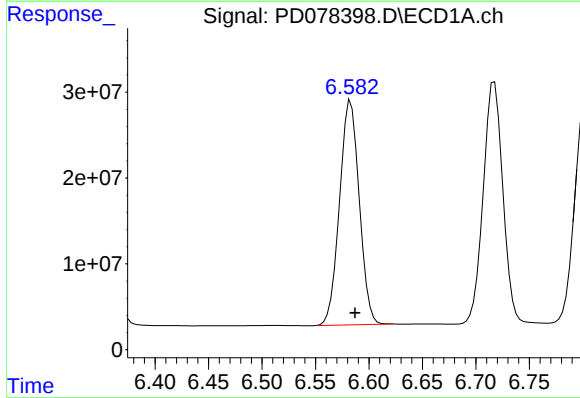
R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 404696026  
Conc: 108.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



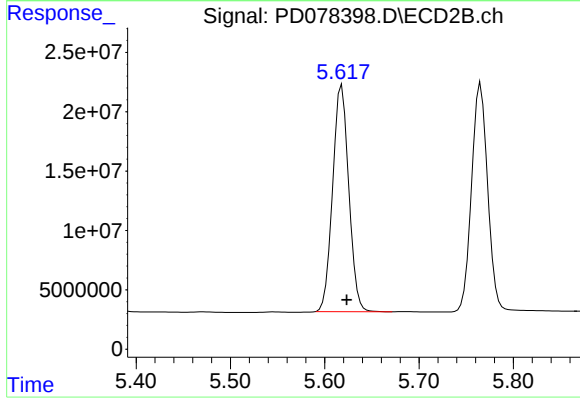
#13 Dieldrin

R.T.: 5.343 min  
Delta R.T.: -0.005 min  
Response: 259830146  
Conc: 125.74 ng/ml



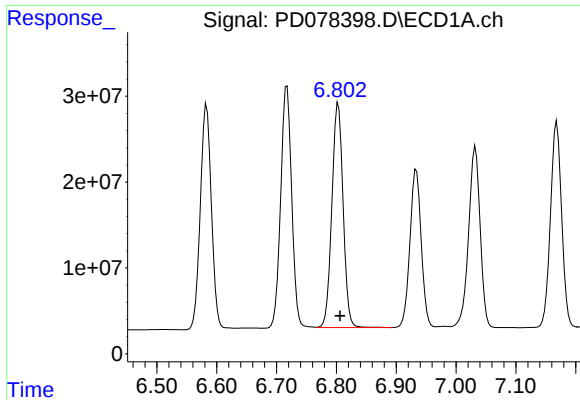
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: -0.004 min  
Response: 336107914  
Conc: 108.94 ng/ml



#14 Endrin

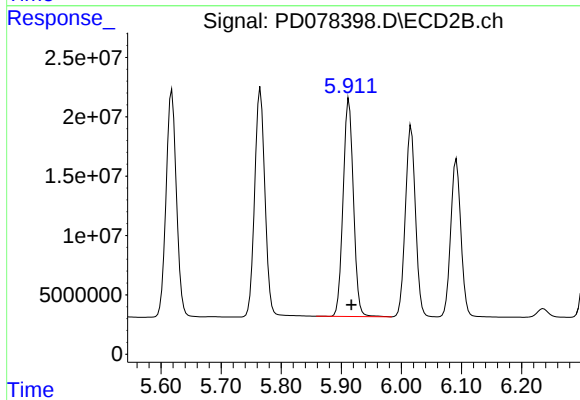
R.T.: 5.618 min  
Delta R.T.: -0.005 min  
Response: 227046828  
Conc: 124.18 ng/ml



#15 Endosulfan II

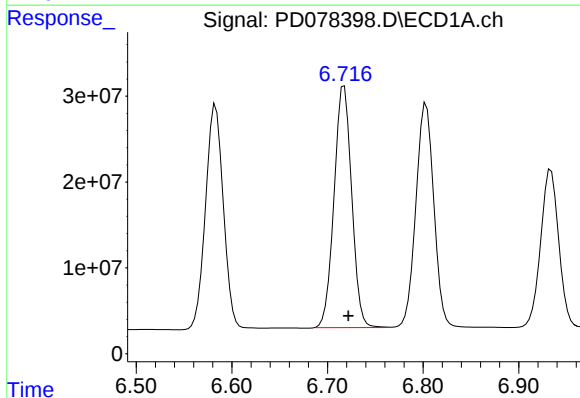
R.T.: 6.803 min  
Delta R.T.: -0.003 min  
Response: 342022823  
Conc: 103.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



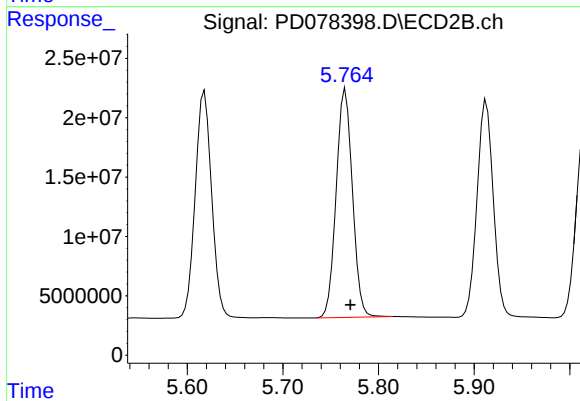
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: -0.004 min  
Response: 217947036  
Conc: 120.43 ng/ml



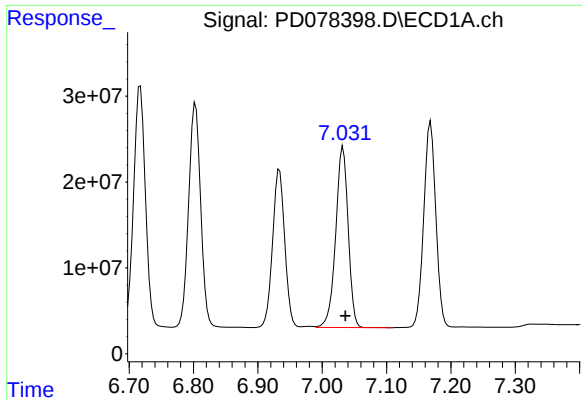
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: -0.004 min  
Response: 360168152  
Conc: 135.41 ng/ml



#16 4,4'-DDD

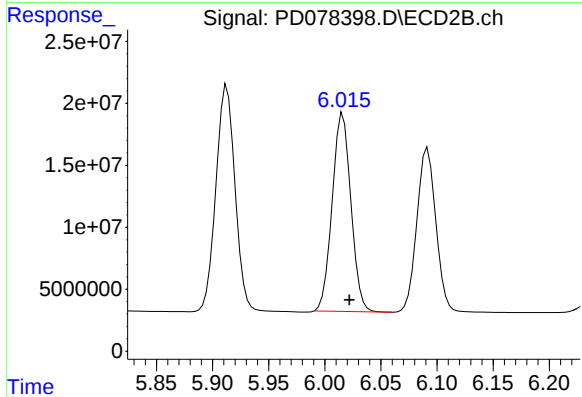
R.T.: 5.765 min  
Delta R.T.: -0.005 min  
Response: 227170805  
Conc: 168.78 ng/ml



#17 4,4'-DDT

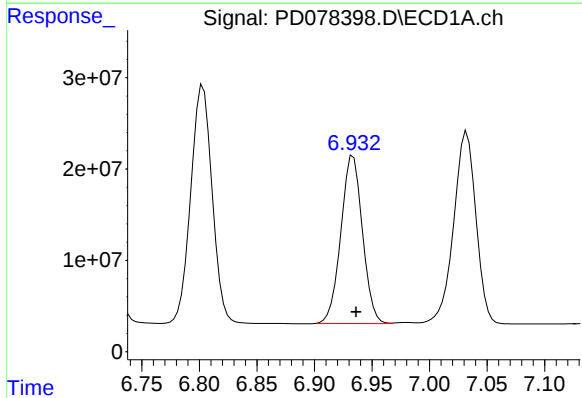
R.T.: 7.032 min  
Delta R.T.: -0.004 min  
Response: 283627102  
Conc: 103.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



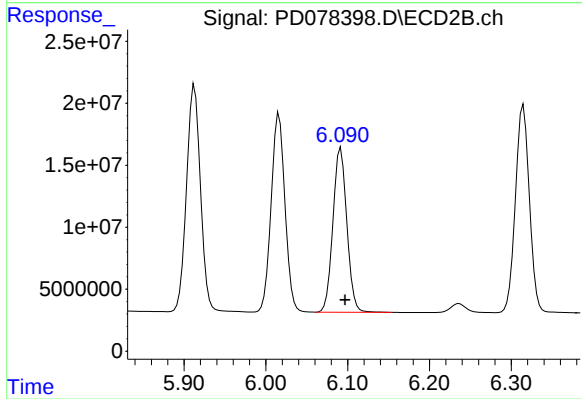
#17 4,4'-DDT

R.T.: 6.016 min  
Delta R.T.: -0.006 min  
Response: 185638288  
Conc: 131.35 ng/ml



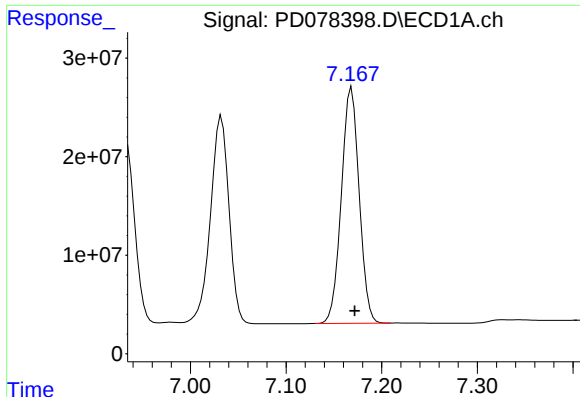
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 240726161  
Conc: 92.64 ng/ml



#18 Endrin aldehyde

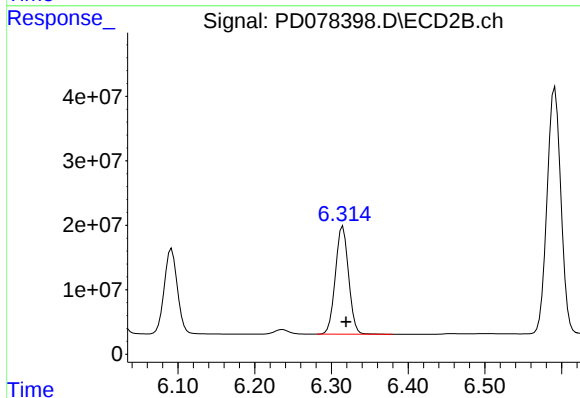
R.T.: 6.092 min  
Delta R.T.: -0.005 min  
Response: 156707471  
Conc: 111.41 ng/ml



#19 Endosulfan Sulfate

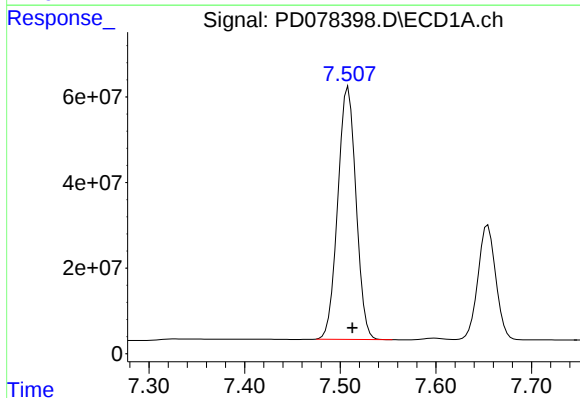
R.T.: 7.169 min  
Delta R.T.: -0.003 min  
Response: 310775112  
Conc: 102.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



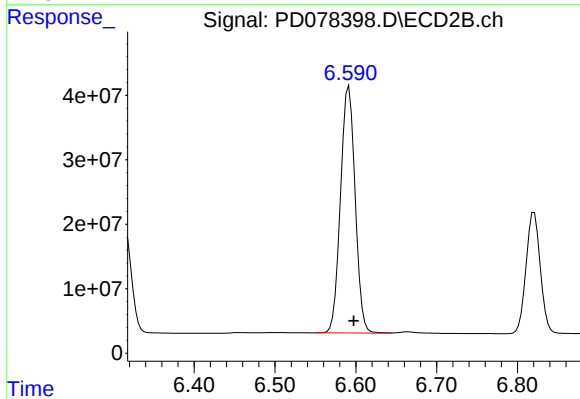
#19 Endosulfan Sulfate

R.T.: 6.315 min  
Delta R.T.: -0.004 min  
Response: 200146966  
Conc: 121.14 ng/ml



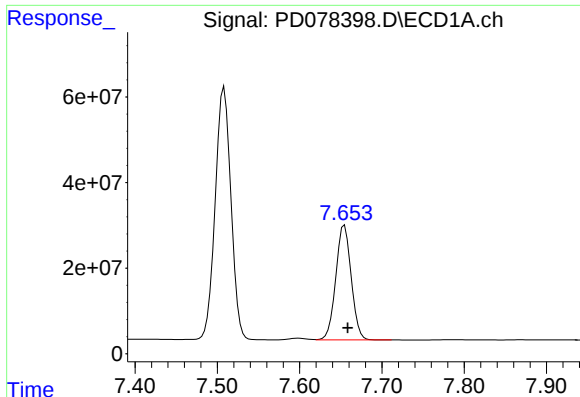
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: -0.004 min  
Response: 782135019  
Conc: 501.47 ng/ml



#20 Methoxychlor

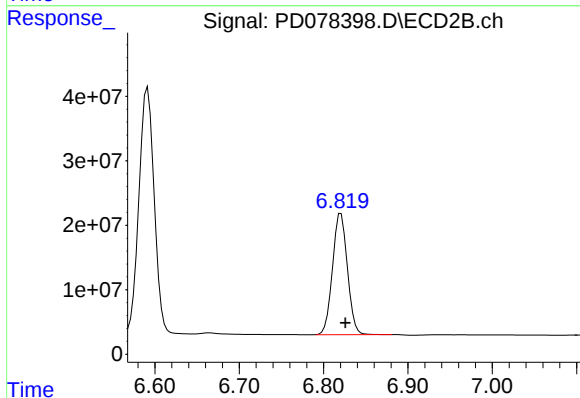
R.T.: 6.591 min  
Delta R.T.: -0.006 min  
Response: 480831557  
Conc: 616.20 ng/ml



#21 Endrin ketone

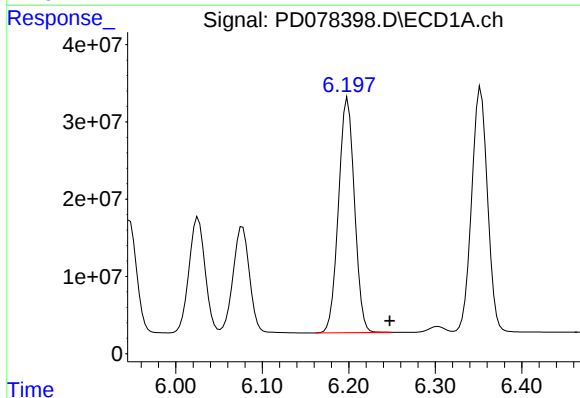
R.T.: 7.655 min  
Delta R.T.: -0.004 min  
Response: 347975098  
Conc: 101.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



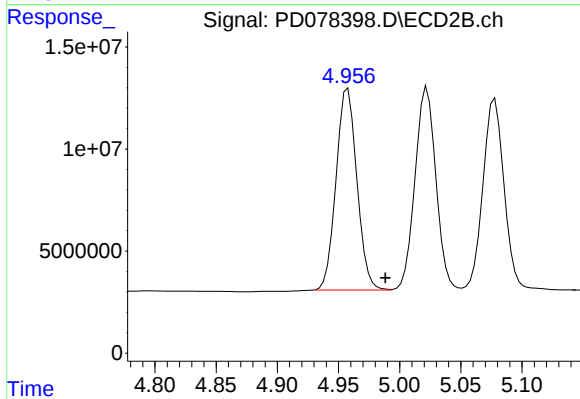
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: -0.005 min  
Response: 230543314  
Conc: 120.33 ng/ml



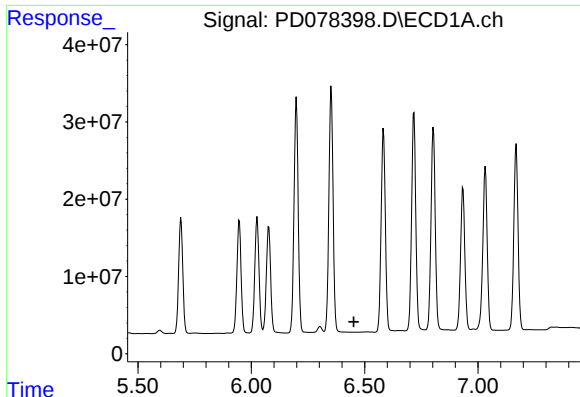
#22 Toxaphene-1

R.T.: 6.199 min  
Delta R.T.: -0.049 min  
Response: 386668718  
Conc: 14491.38 ng/ml



#22 Toxaphene-1

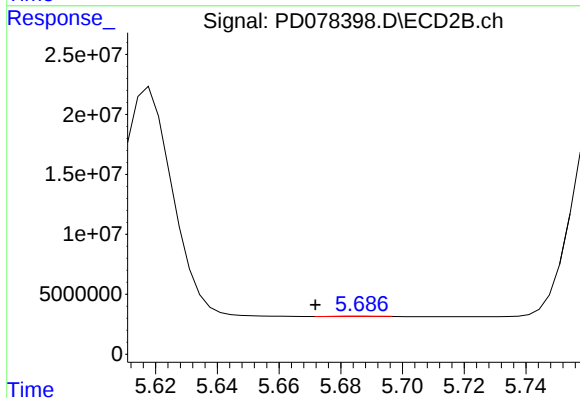
R.T.: 4.958 min  
Delta R.T.: -0.031 min  
Response: 116851963  
Conc: 11195.09 ng/ml



#23 Toxaphene-2

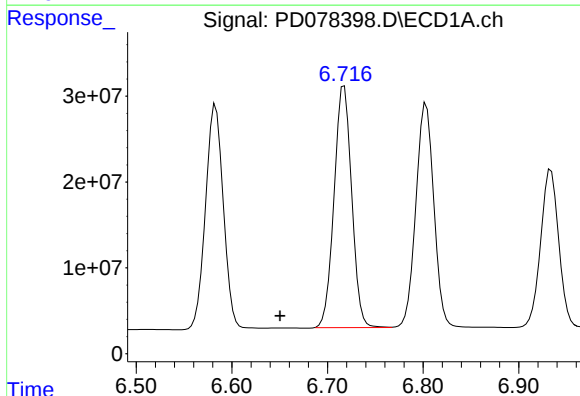
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



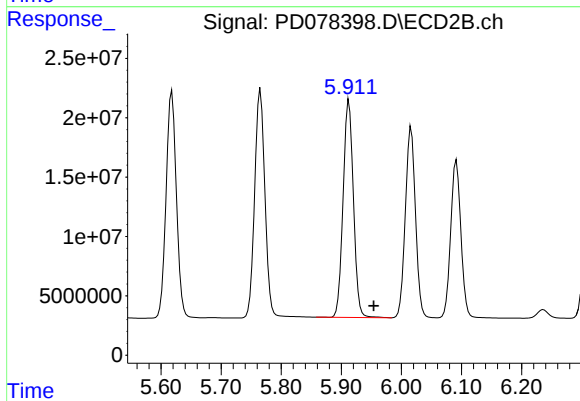
#23 Toxaphene-2

R.T.: 5.687 min  
Delta R.T.: 0.015 min  
Response: 158269  
Conc: 13.12 ng/ml



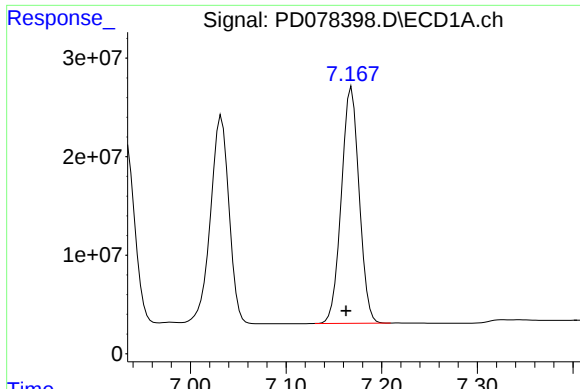
#24 Toxaphene-3

R.T.: 6.717 min  
Delta R.T.: 0.067 min  
Response: 360168152  
Conc: 15602.47 ng/ml



#24 Toxaphene-3

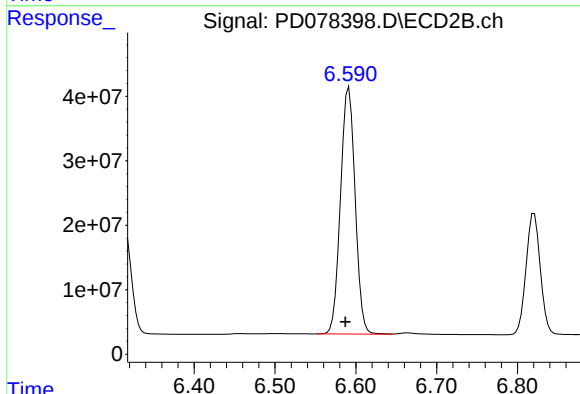
R.T.: 5.913 min  
Delta R.T.: -0.041 min  
Response: 217947036  
Conc: 15980.57 ng/ml



#25 Toxaphene-4

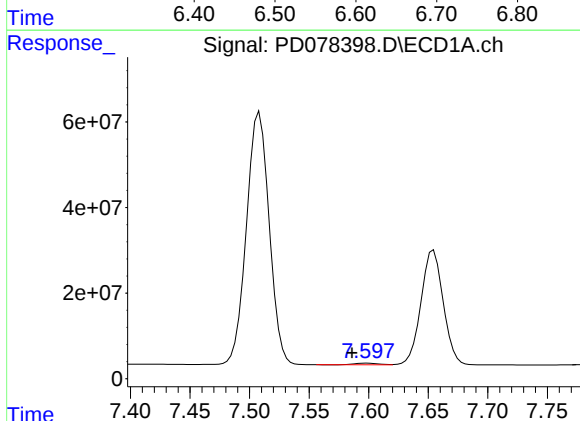
R.T.: 7.169 min  
Delta R.T.: 0.006 min  
Response: 310775112  
Conc: 4325.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



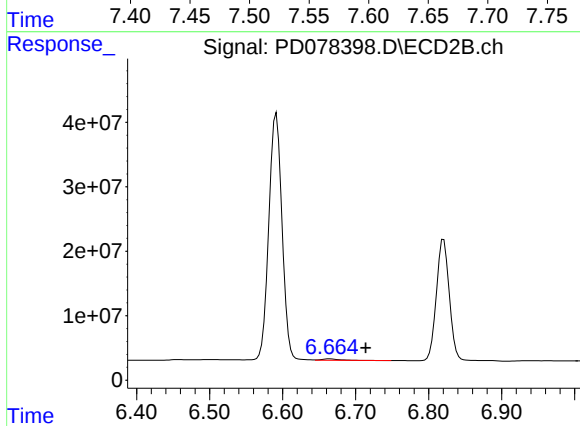
#25 Toxaphene-4

R.T.: 6.591 min  
Delta R.T.: 0.004 min  
Response: 480831557  
Conc: 12459.34 ng/ml



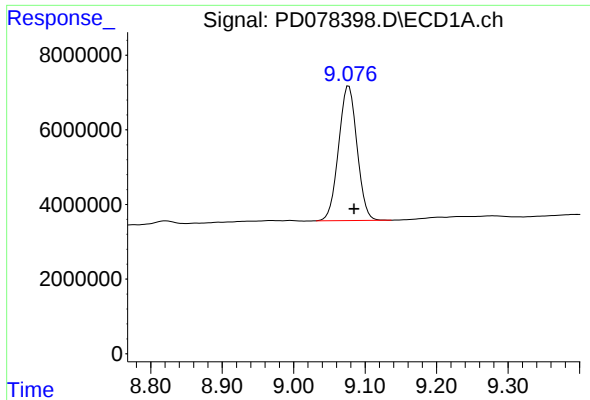
#26 Toxaphene-5

R.T.: 7.599 min  
Delta R.T.: 0.013 min  
Response: 5090339  
Conc: 97.68 ng/ml



#26 Toxaphene-5

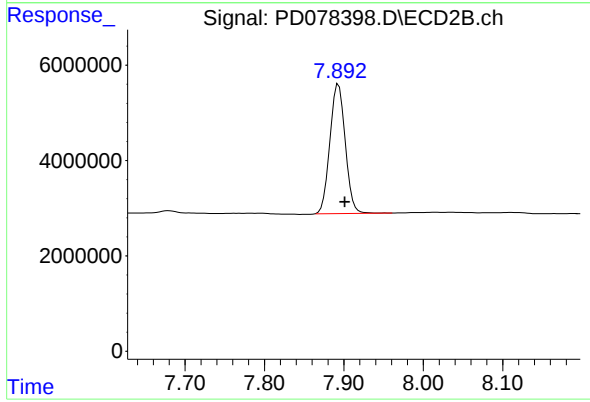
R.T.: 6.665 min  
Delta R.T.: -0.049 min  
Response: 3265755  
Conc: 58.84 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: -0.007 min  
Response: 64580602  
Conc: 20.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: -0.008 min  
Response: 36440867  
Conc: 22.50 ng/ml