

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
 Data File : PD083434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2024 17:13  
 Operator : AR\AJ  
 Sample : P2577-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BHBX7

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 21:59:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060424CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 04 07:04:40 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

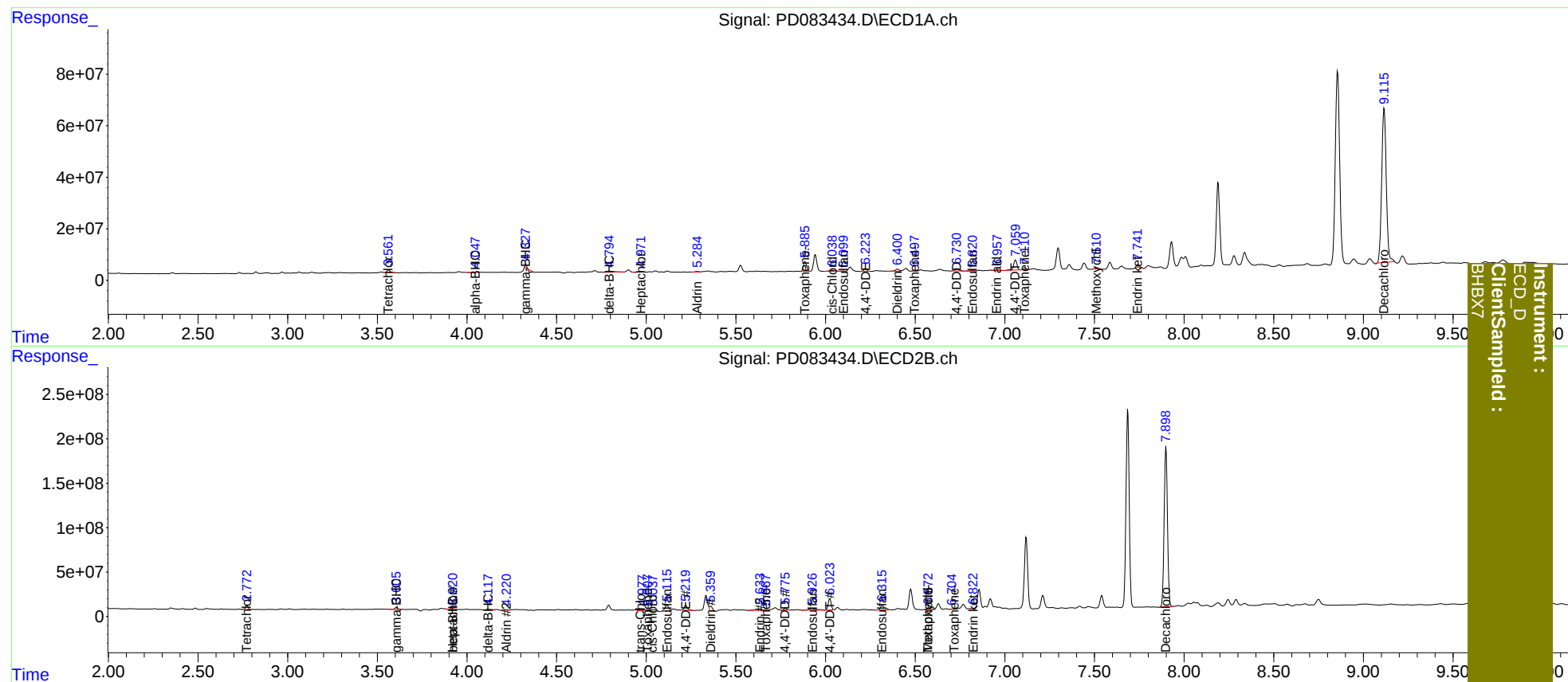
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.563  | 2.773 | 11796449 | 46691606 | 8.223    | 9.858      |
| 27)                         | SA Decachlor... | 9.116  | 7.899 | 1058.6E6 | 2320.5E6 | 518.036  | 465.280    |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.049f | 3.258 | 629416   | 703543   | 0.250    | <MDL #     |
| 3)                          | MA gamma-BHC... | 4.329f | 3.607 | 841557   | 29378280 | 0.346    | 4.329 #    |
| 4)                          | MA Heptachlor   | 4.972f | 3.921 | 2717899  | 1817778  | 1.076    | 0.270 #    |
| 5)                          | MB Aldrin       | 5.285  | 4.221 | 2475253  | 11474946 | 1.022    | 1.772 #    |
| 7)                          | B delta-BHC     | 4.795  | 4.117 | 9453431  | 18991944 | 3.575    | 2.695      |
| 9)                          | A Endosulfan I  | 6.100  | 5.117 | 930805   | 102.0E6  | 0.438    | 18.705 #   |
| 10)                         | B trans-Chl...  | 5.943  | 4.970 | -450221  | 17612092 | N.D.     | 3.011      |
| 11)                         | B cis-Chlor...  | 6.039  | 5.035 | 8112443  | 43493196 | 3.657    | 7.297 #    |
| 12)                         | B 4,4'-DDE      | 6.224  | 5.221 | 13504052 | 72692061 | 6.081    | 12.723 #   |
| 13)                         | MA Dieldrin     | 6.402  | 5.360 | 12082375 | 60302933 | 5.343    | 9.942 #    |
| 14)                         | MA Endrin       | 6.639  | 5.635 | -702041  | 28384392 | N.D.     | 5.294      |
| 15)                         | B Endosulfa...  | 6.822  | 5.927 | 2097143  | 50301548 | 1.078    | 10.041 #   |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.777 | 13732997 | 11152446 | 8.548    | 2.407 #    |
| 17)                         | MA 4,4'-DDT     | 7.060  | 6.024 | 52581883 | 146.3E6  | 32.196   | 31.323     |
| 19)                         | B Endosulfa...  | 0.000  | 6.317 | 0        | 82902527 | N.D.     | 17.042     |
| 20)                         | A Methoxychlor  | 7.511  | 6.573 | 4301004  | 19133543 | 4.679    | 7.827 #    |
| 21)                         | B Endrin ke...  | 7.742f | 6.824 | 12943192 | 3109321  | 6.740    | 0.583 #    |
| 22)                         | Toxaphene-1     | 5.886  | 5.007 | 46990879 | 41567156 | 7108.732 | 1404.109 # |
| 23)                         | Toxaphene-2     | 6.498  | 5.668 | 1750346  | 3119650  | 95.883   | 93.616     |
| 24)                         | Toxaphene-3     | 7.112  | 6.573 | 9387493  | 19133543 | 178.720  | 182.242    |
| 25)                         | Toxaphene-4     | 0.000  | 6.707 | 0        | 671624   | N.D.     | 4.509      |
| -----                       |                 |        |       |          |          |          |            |

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

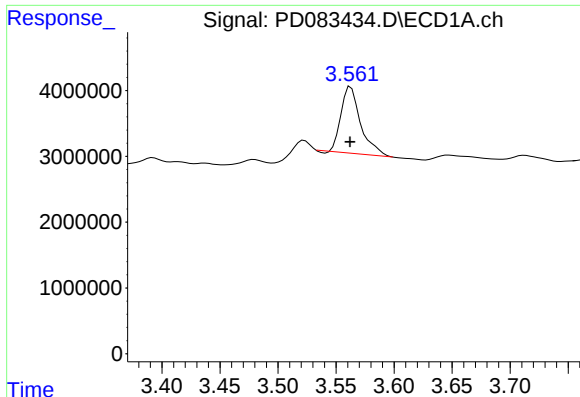
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
Data File : PD083434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2024 17:13  
Operator : AR\AJ  
Sample : P2577-12  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 21:59:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060424CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 04 07:04:40 2024  
Response via : Initial Calibration  
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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



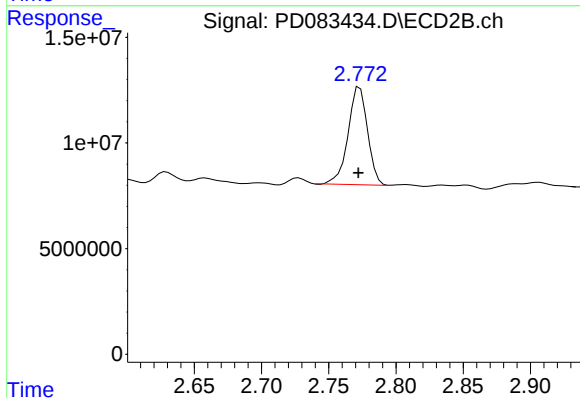
Instrument :  
ECD\_D  
ClientSampled :  
BHBX7



#1 Tetrachloro-m-xylene

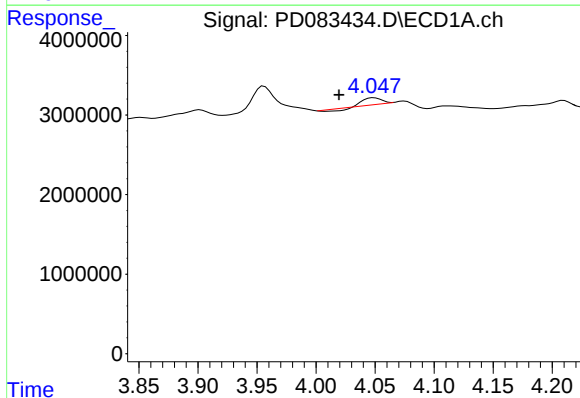
R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 11796449  
Conc: 8.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



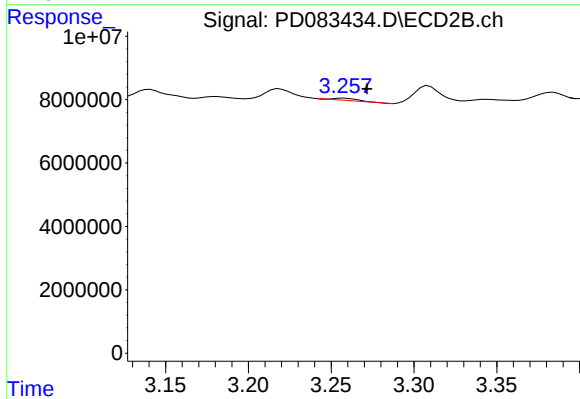
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 46691606  
Conc: 9.86 ng/ml



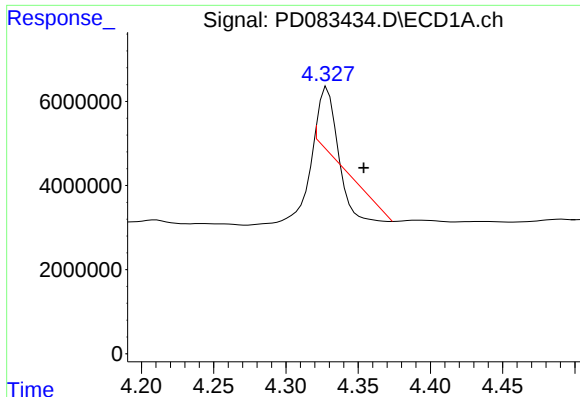
#2 alpha-BHC

R.T.: 4.049 min  
Delta R.T.: 0.030 min  
Response: 629416  
Conc: 0.25 ng/ml



#2 alpha-BHC

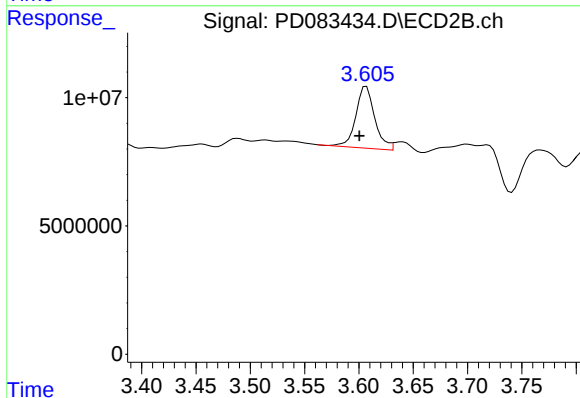
R.T.: 3.258 min  
Delta R.T.: -0.014 min  
Response: 703543  
Conc: N.D.



#3 gamma-BHC (Lindane)

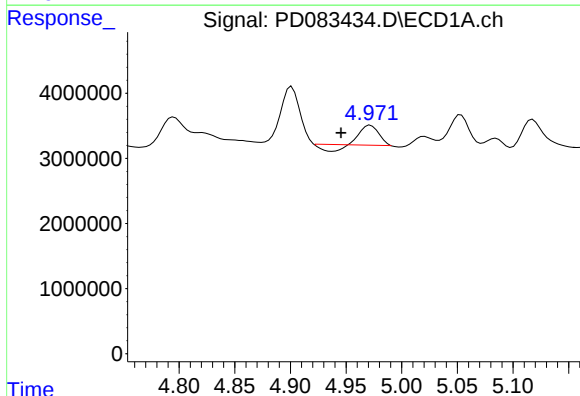
R.T.: 4.329 min  
Delta R.T.: -0.025 min  
Response: 841557  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



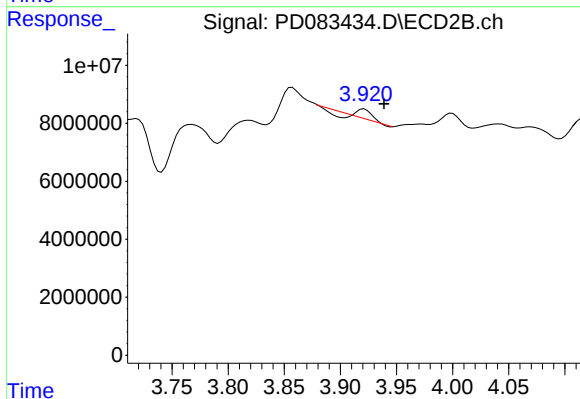
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.006 min  
Response: 29378280  
Conc: 4.33 ng/ml



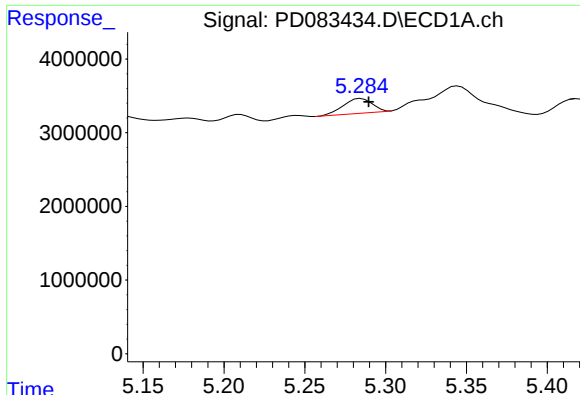
#4 Heptachlor

R.T.: 4.972 min  
Delta R.T.: 0.026 min  
Response: 2717899  
Conc: 1.08 ng/ml



#4 Heptachlor

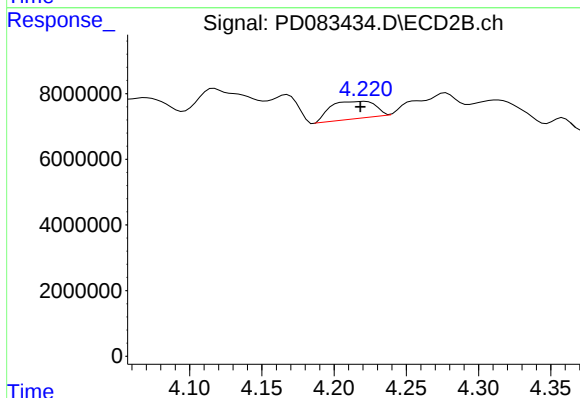
R.T.: 3.921 min  
Delta R.T.: -0.018 min  
Response: 1817778  
Conc: 0.27 ng/ml



#5 Aldrin

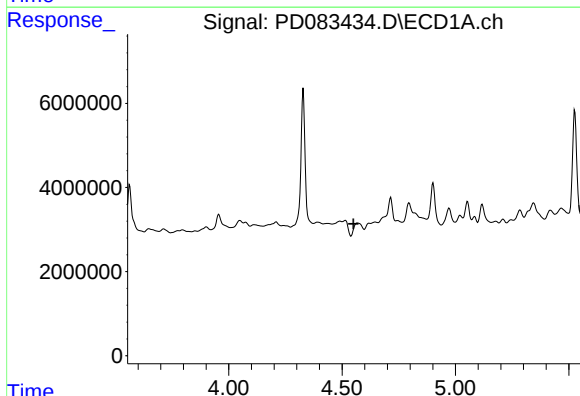
R.T.: 5.285 min  
Delta R.T.: -0.005 min  
Response: 2475253  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



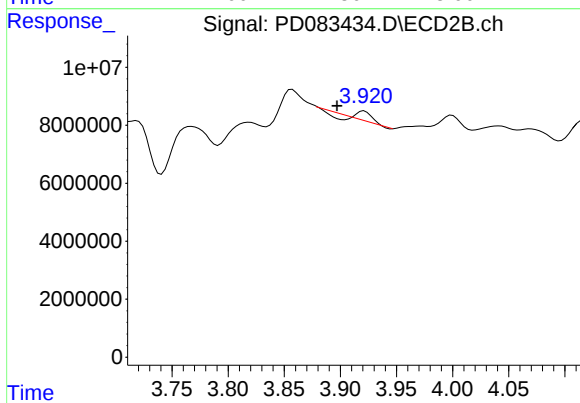
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.003 min  
Response: 11474946  
Conc: 1.77 ng/ml



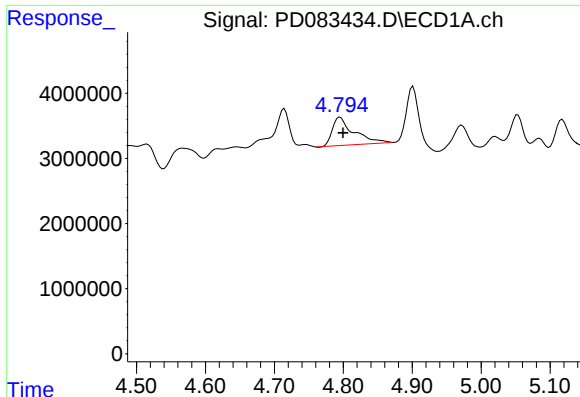
#6 beta-BHC

R.T.: 4.567 min  
Delta R.T.: 0.017 min  
Response: -1199577  
Conc: N.D.



#6 beta-BHC

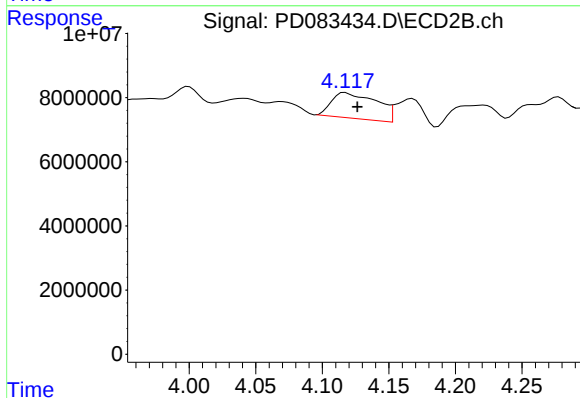
R.T.: 3.921 min  
Delta R.T.: 0.024 min  
Response: 1817778  
Conc: 0.62 ng/ml



#7 delta-BHC

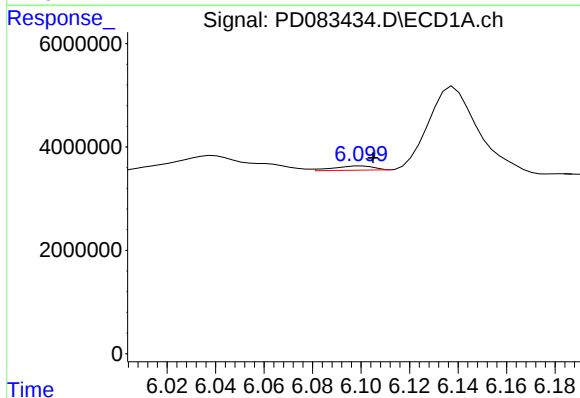
R.T.: 4.795 min  
Delta R.T.: -0.005 min  
Response: 9453431  
Conc: 3.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



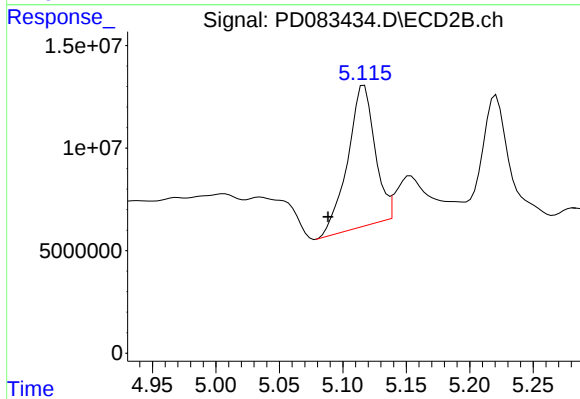
#7 delta-BHC

R.T.: 4.117 min  
Delta R.T.: -0.009 min  
Response: 18991944  
Conc: 2.70 ng/ml



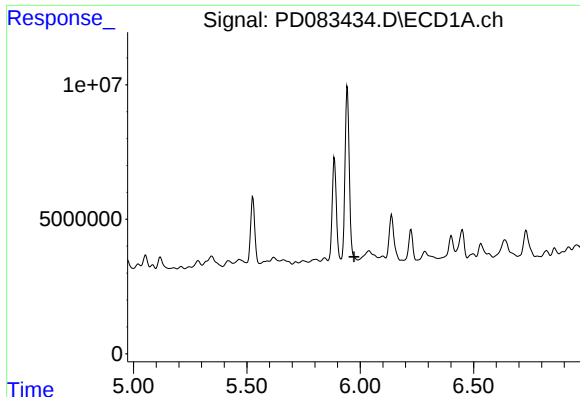
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: -0.005 min  
Response: 930805  
Conc: 0.44 ng/ml



#9 Endosulfan I

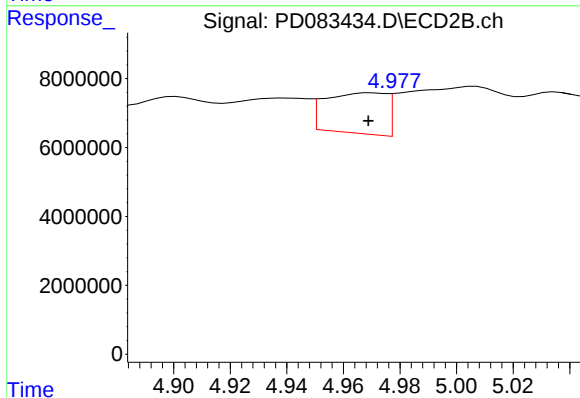
R.T.: 5.117 min  
Delta R.T.: 0.028 min  
Response: 101973195  
Conc: 18.71 ng/ml



#10 trans-Chlordane

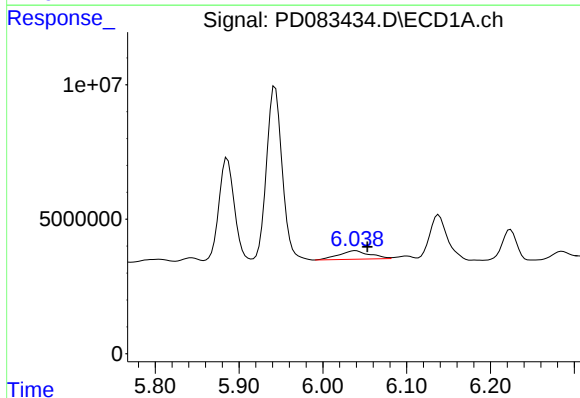
R.T.: 5.943 min  
Delta R.T.: -0.031 min  
Response: -450221  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



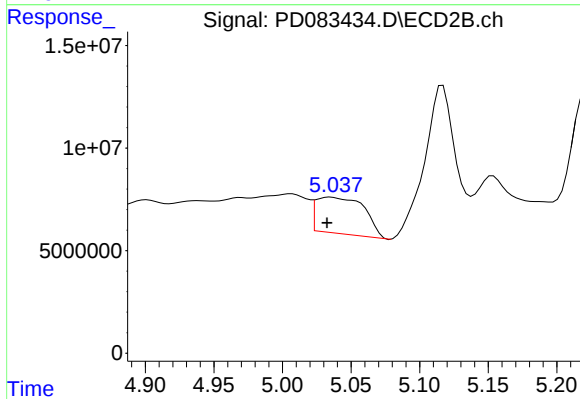
#10 trans-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.001 min  
Response: 17612092  
Conc: 3.01 ng/ml



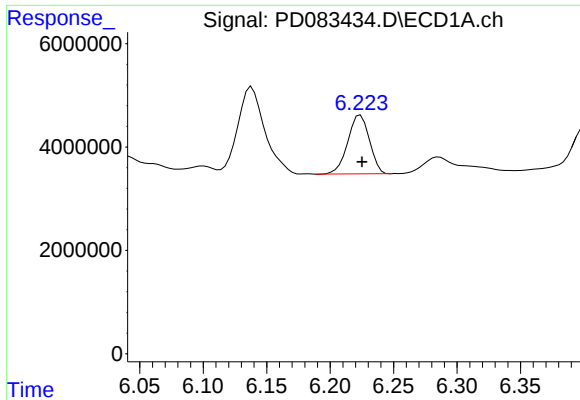
#11 cis-Chlordane

R.T.: 6.039 min  
Delta R.T.: -0.014 min  
Response: 8112443  
Conc: 3.66 ng/ml



#11 cis-Chlordane

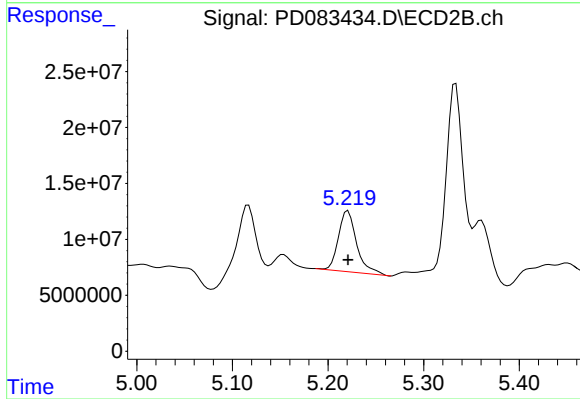
R.T.: 5.035 min  
Delta R.T.: 0.003 min  
Response: 43493196  
Conc: 7.30 ng/ml



#12 4,4'-DDE

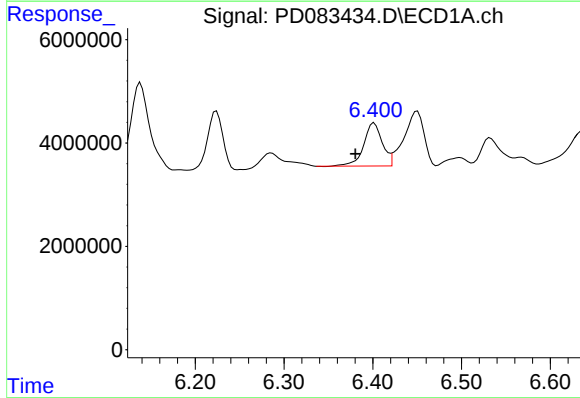
R.T.: 6.224 min  
Delta R.T.: -0.001 min  
Response: 13504052  
Conc: 6.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



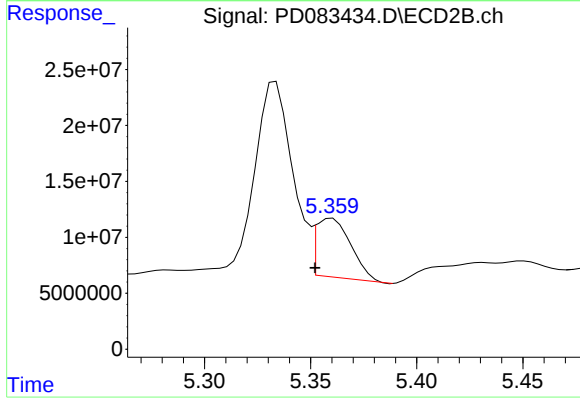
#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: 0.000 min  
Response: 72692061  
Conc: 12.72 ng/ml



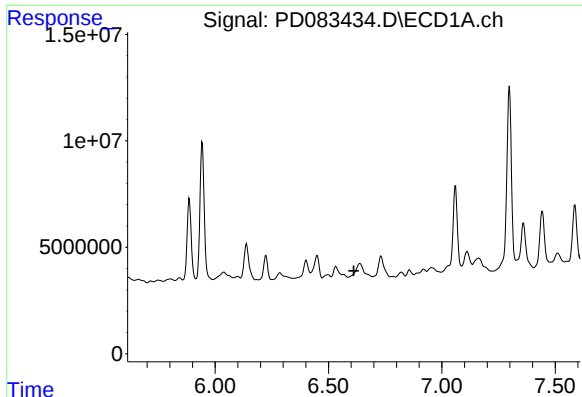
#13 Dieldrin

R.T.: 6.402 min  
Delta R.T.: 0.021 min  
Response: 12082375  
Conc: 5.34 ng/ml



#13 Dieldrin

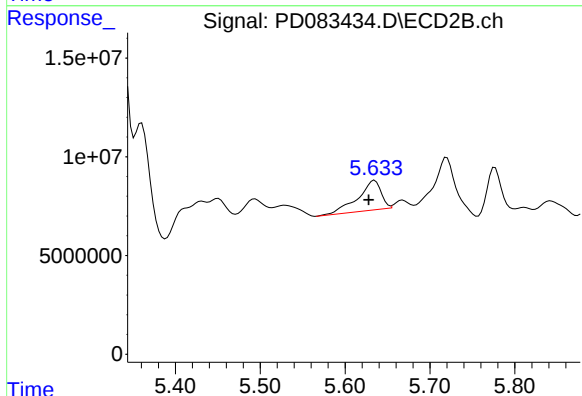
R.T.: 5.360 min  
Delta R.T.: 0.008 min  
Response: 60302933  
Conc: 9.94 ng/ml



#14 Endrin

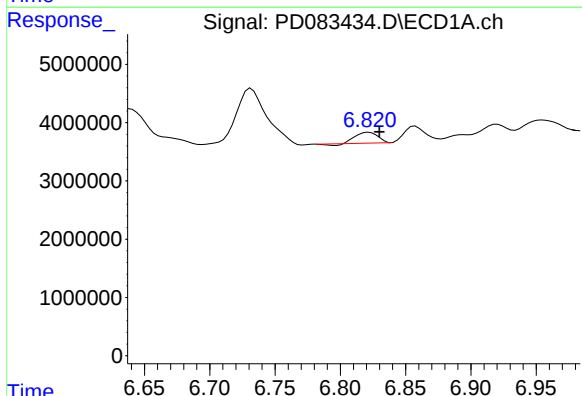
R.T.: 6.639 min  
Delta R.T.: 0.027 min  
Response: -702041  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



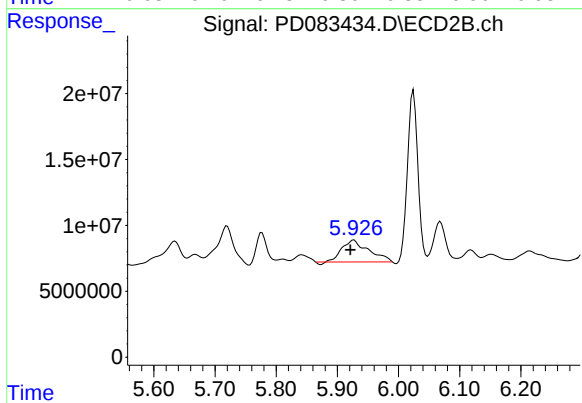
#14 Endrin

R.T.: 5.635 min  
Delta R.T.: 0.007 min  
Response: 28384392  
Conc: 5.29 ng/ml



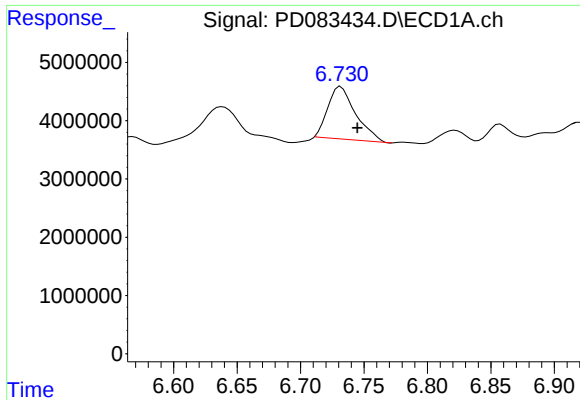
#15 Endosulfan II

R.T.: 6.822 min  
Delta R.T.: -0.008 min  
Response: 2097143  
Conc: 1.08 ng/ml



#15 Endosulfan II

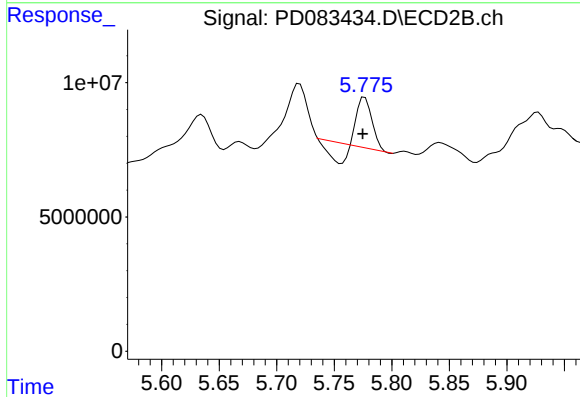
R.T.: 5.927 min  
Delta R.T.: 0.006 min  
Response: 50301548  
Conc: 10.04 ng/ml



#16 4,4'-DDD

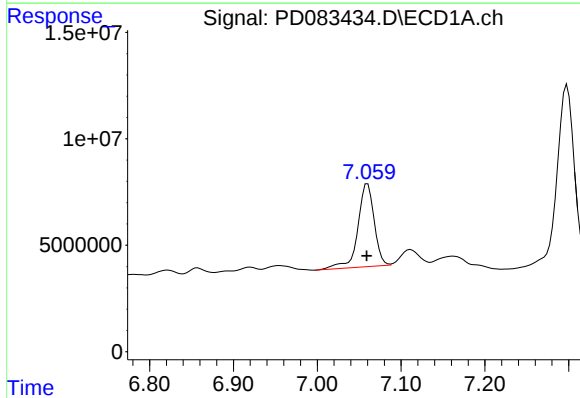
R.T.: 6.732 min  
Delta R.T.: -0.013 min  
Response: 13732997  
Conc: 8.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



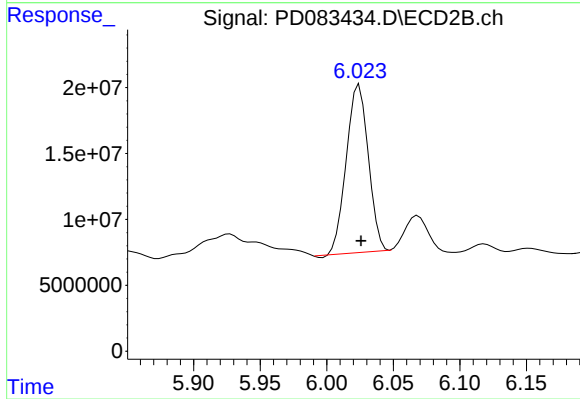
#16 4,4'-DDD

R.T.: 5.777 min  
Delta R.T.: 0.002 min  
Response: 11152446  
Conc: 2.41 ng/ml



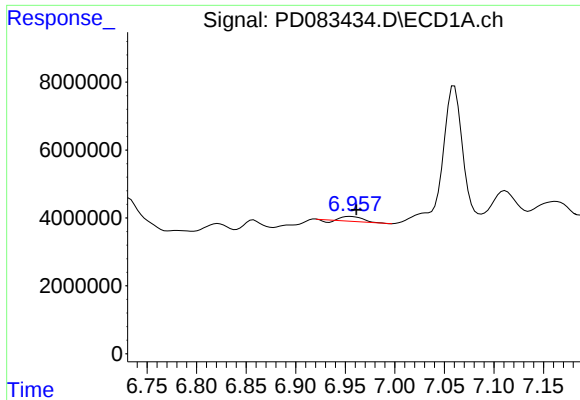
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.001 min  
Response: 52581883  
Conc: 32.20 ng/ml



#17 4,4'-DDT

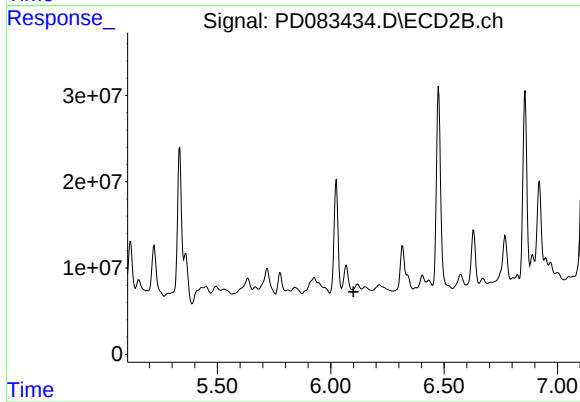
R.T.: 6.024 min  
Delta R.T.: -0.001 min  
Response: 146280982  
Conc: 31.32 ng/ml



#18 Endrin aldehyde

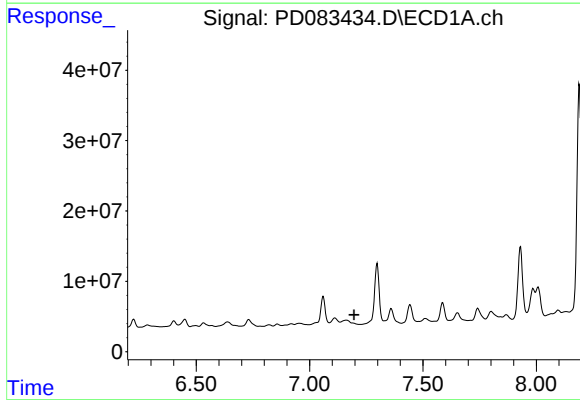
R.T.: 6.955 min  
Delta R.T.: -0.006 min  
Response: 1804340  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



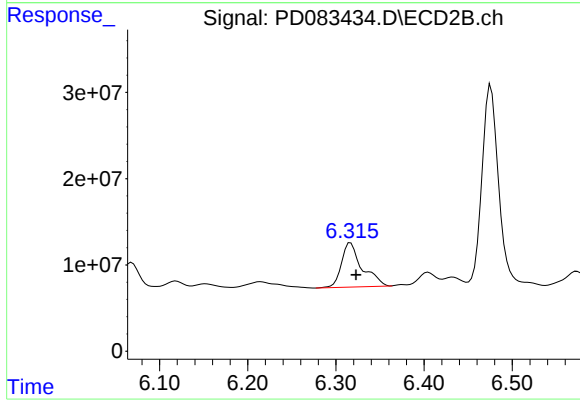
#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: 0.018 min  
Response: -12577118  
Conc: N.D.



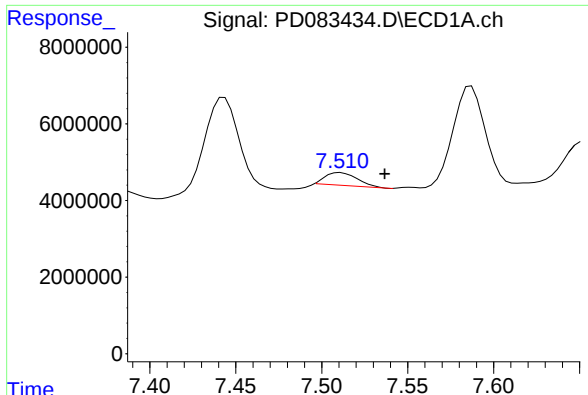
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.196 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

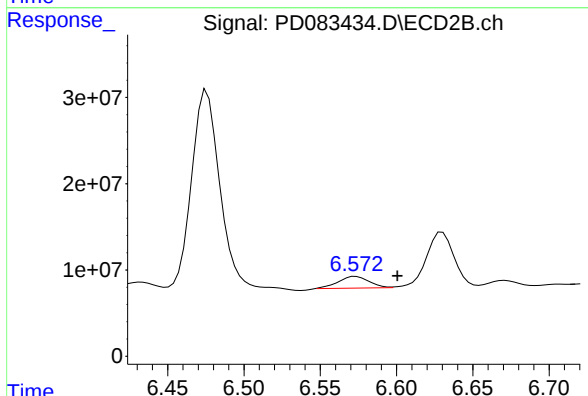
R.T.: 6.317 min  
Delta R.T.: -0.006 min  
Response: 82902527  
Conc: 17.04 ng/ml



#20 Methoxychlor

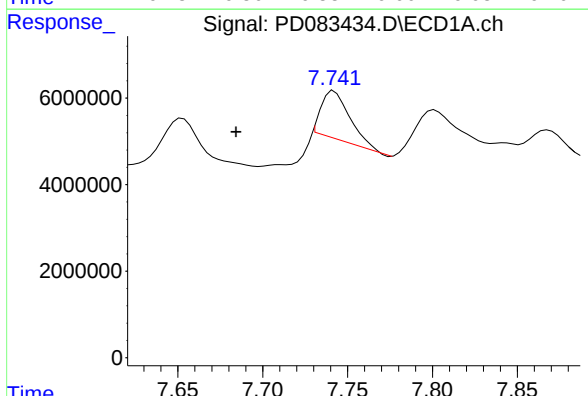
R.T.: 7.511 min  
Delta R.T.: -0.026 min  
Response: 4301004  
Conc: 4.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



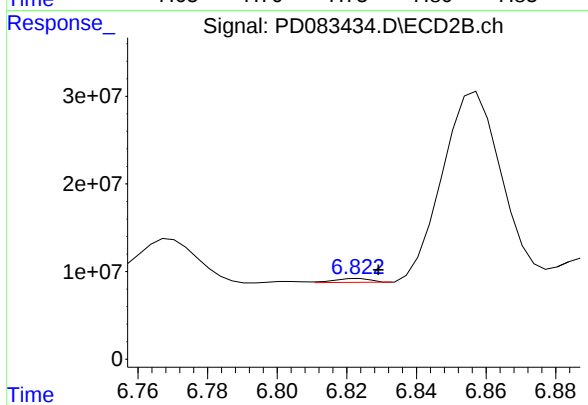
#20 Methoxychlor

R.T.: 6.573 min  
Delta R.T.: -0.027 min  
Response: 19133543  
Conc: 7.83 ng/ml



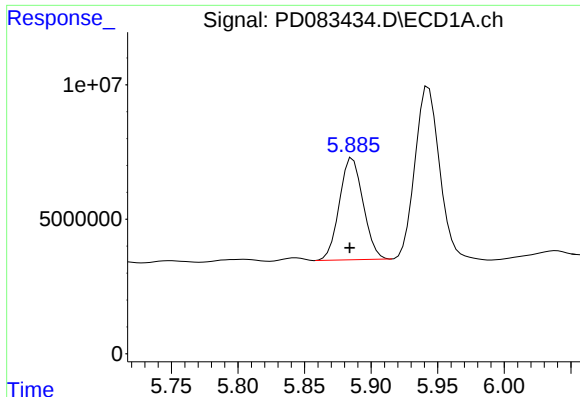
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.058 min  
Response: 12943192  
Conc: 6.74 ng/ml



#21 Endrin ketone

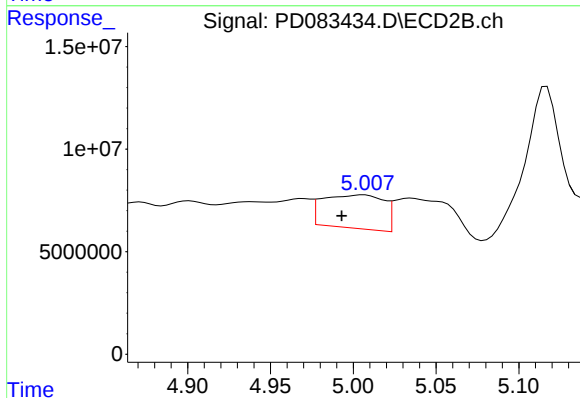
R.T.: 6.824 min  
Delta R.T.: -0.005 min  
Response: 3109321  
Conc: 0.58 ng/ml



#22 Toxaphene-1

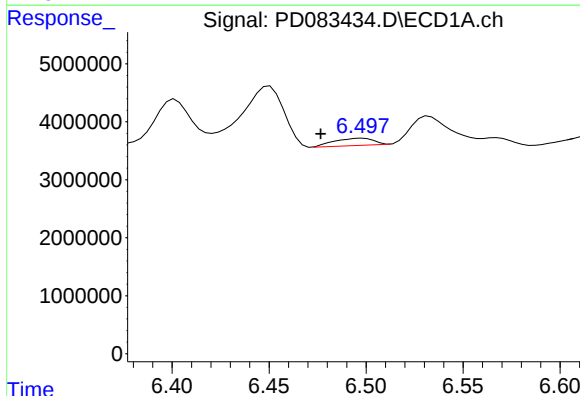
R.T.: 5.886 min  
Delta R.T.: 0.002 min  
Response: 46990879  
Conc: 7108.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



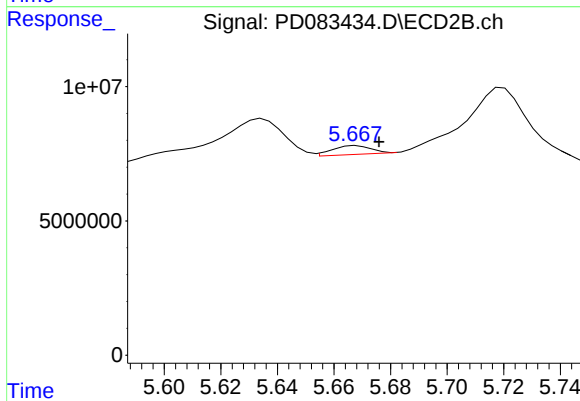
#22 Toxaphene-1

R.T.: 5.007 min  
Delta R.T.: 0.014 min  
Response: 41567156  
Conc: 1404.11 ng/ml



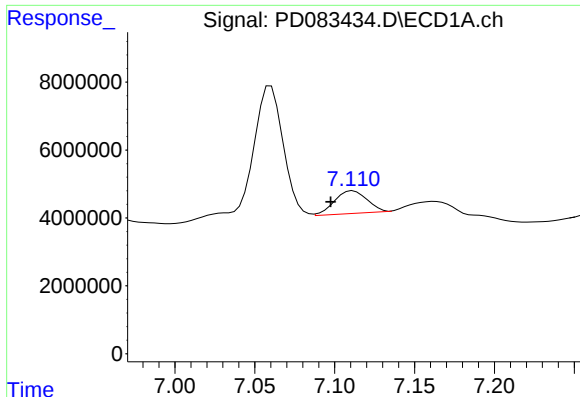
#23 Toxaphene-2

R.T.: 6.498 min  
Delta R.T.: 0.022 min  
Response: 1750346  
Conc: 95.88 ng/ml



#23 Toxaphene-2

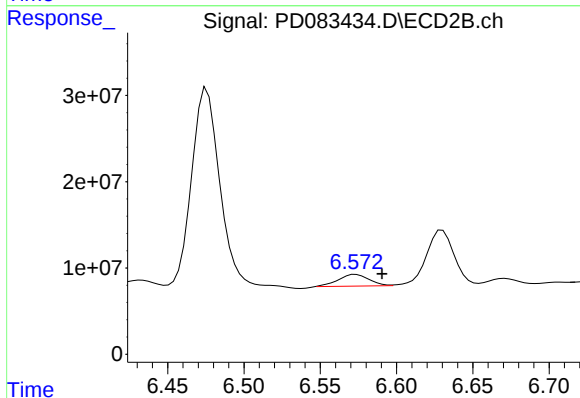
R.T.: 5.668 min  
Delta R.T.: -0.008 min  
Response: 3119650  
Conc: 93.62 ng/ml



#24 Toxaphene-3

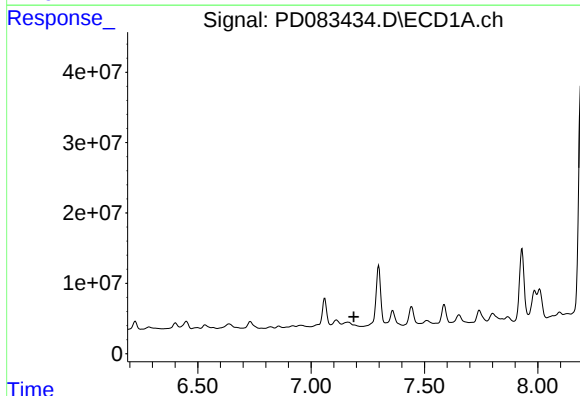
R.T.: 7.112 min  
Delta R.T.: 0.014 min  
Response: 9387493  
Conc: 178.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



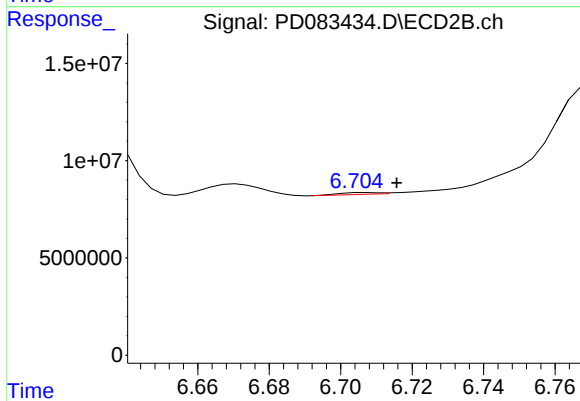
#24 Toxaphene-3

R.T.: 6.573 min  
Delta R.T.: -0.017 min  
Response: 19133543  
Conc: 182.24 ng/ml



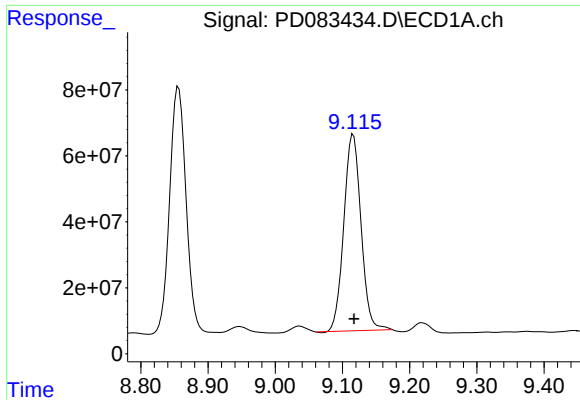
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.189 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

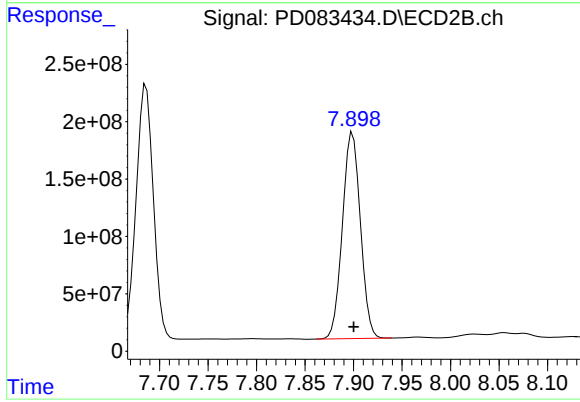
R.T.: 6.707 min  
Delta R.T.: -0.008 min  
Response: 671624  
Conc: 4.51 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.116 min  
Delta R.T.: -0.002 min  
Response: 1058602944  
Conc: 518.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHBX7



#27 Decachlorobiphenyl

R.T.: 7.899 min  
Delta R.T.: -0.001 min  
Response: 2320530904  
Conc: 465.28 ng/ml