

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
 Data File : PD083440.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2024 19:49  
 Operator : AR\AJ  
 Sample : PB161172BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BHBV1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 22:01:32 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

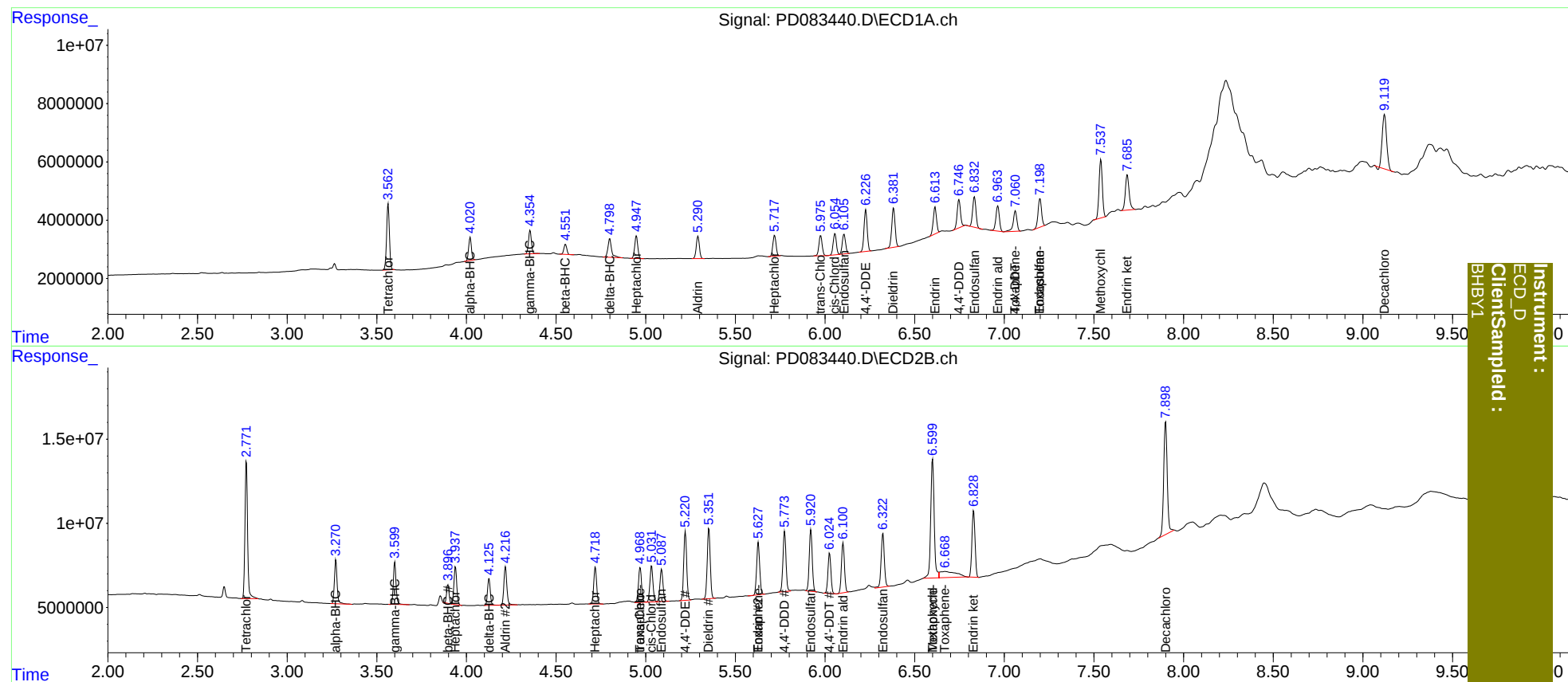
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.563  | 2.773  | 24866486 | 83733921 | 17.333  | 17.678    |
| 27)                         | SA Decachlor... | 9.121  | 7.900  | 31548872 | 92436677 | 15.439  | 18.534    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.021  | 3.272  | 8611051  | 27539995 | 3.426   | 3.801     |
| 3)                          | MA gamma-BHC... | 4.355  | 3.600  | 9155485  | 26310235 | 3.766   | 3.877     |
| 4)                          | MA Heptachlor   | 4.948  | 3.939  | 9270486  | 24523039 | 3.672   | 3.639     |
| 5)                          | MB Aldrin       | 5.292  | 4.218  | 9456882  | 26064860 | 3.904   | 4.025     |
| 6)                          | B beta-BHC      | 4.553  | 3.897  | 3906418  | 10389507 | 3.644   | 3.530     |
| 7)                          | B delta-BHC     | 4.799  | 4.126  | 9124877  | 17213558 | 3.451   | 2.443 #   |
| 8)                          | B Heptachlo...  | 5.719  | 4.719  | 8759751  | 24914796 | 3.988   | 4.184     |
| 9)                          | A Endosulfan I  | 6.106  | 5.089  | 8675010  | 22908156 | 4.084   | 4.202     |
| 10)                         | B trans-Chl...  | 5.976  | 4.969  | 8834830  | 24966978 | 4.072   | 4.269     |
| 11)                         | B cis-Chlor...  | 6.056  | 5.033  | 9072635  | 25456903 | 4.089   | 4.271     |
| 12)                         | B 4,4'-DDE      | 6.227  | 5.221  | 17687966 | 47279965 | 7.965   | 8.275     |
| 13)                         | MA Dieldrin     | 6.382  | 5.352  | 17657961 | 49014135 | 7.809   | 8.081     |
| 14)                         | MA Endrin       | 6.614  | 5.628  | 11585868 | 36732306 | 6.225   | 6.851     |
| 15)                         | B Endosulfa...  | 6.833  | 5.921  | 13273750 | 42662016 | 6.825   | 8.516     |
| 16)                         | A 4,4'-DDD      | 6.747  | 5.775  | 12794341 | 41818852 | 7.964   | 9.027     |
| 17)                         | MA 4,4'-DDT     | 7.062  | 6.026  | 10245821 | 27602758 | 6.273   | 5.911     |
| 18)                         | B Endrin al...  | 6.964  | 6.101  | 11651604 | 34844075 | 8.073   | 9.088     |
| 19)                         | B Endosulfa...  | 7.199  | 6.323  | 13311113 | 39578489 | 7.286   | 8.136     |
| 20)                         | A Methoxychlor  | 7.539  | 6.600  | 25570323 | 95448059 | 27.815  | 39.045 #  |
| 21)                         | B Endrin ke...  | 7.686  | 6.829  | 17759070 | 47474422 | 9.247   | 8.899     |
| 22)                         | Toxaphene-1     | 0.000  | 4.969  | 0        | 24966978 | N.D.    | 843.367   |
| 23)                         | Toxaphene-2     | 0.000  | 5.628f | 0        | 36732306 | N.D.    | 1102.277  |
| 24)                         | Toxaphene-3     | 7.062f | 6.600  | 10245821 | 95448059 | 195.061 | 909.116 # |
| 25)                         | Toxaphene-4     | 7.199  | 6.670f | 13311113 | 23506763 | 337.251 | 157.830 # |
| -----                       |                 |        |        |          |          |         |           |

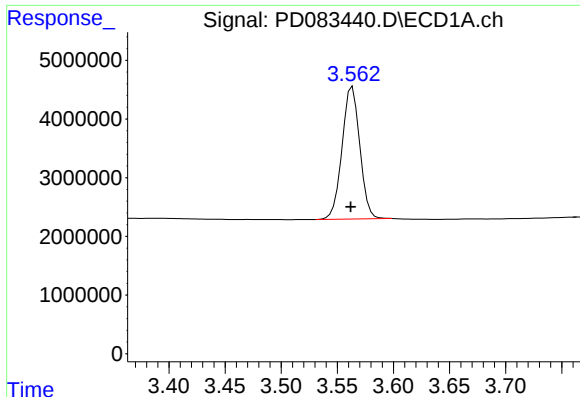
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
Data File : PD083440.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2024 19:49  
Operator : AR\AJ  
Sample : PB161172BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 22:01:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060424CLP.M  
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QLast Update : Tue Jun 04 07:04:40 2024  
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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

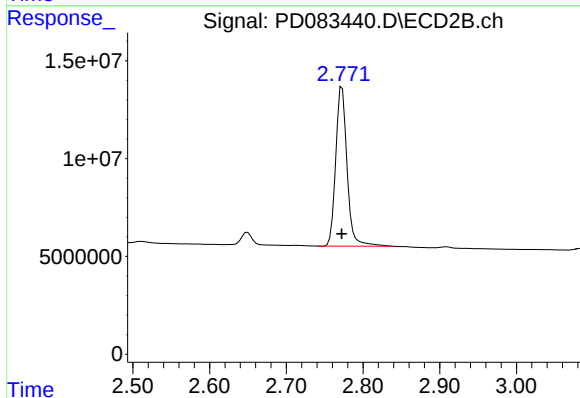




#1 Tetrachloro-m-xylene

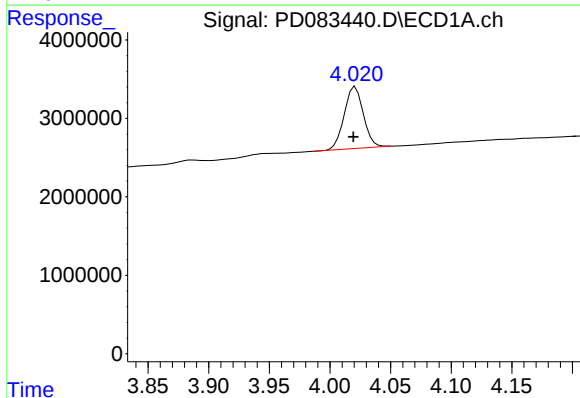
R.T.: 3.563 min  
Delta R.T.: 0.001 min  
Response: 24866486  
Conc: 17.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



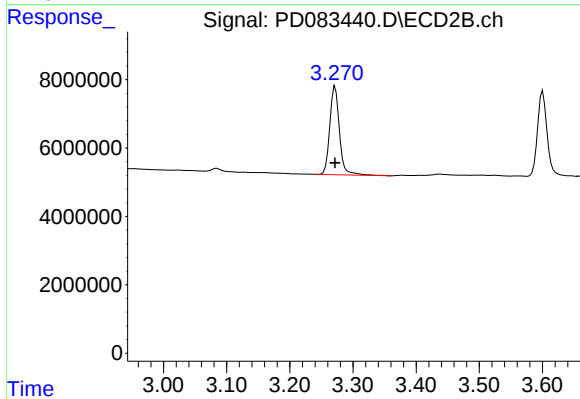
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 83733921  
Conc: 17.68 ng/ml



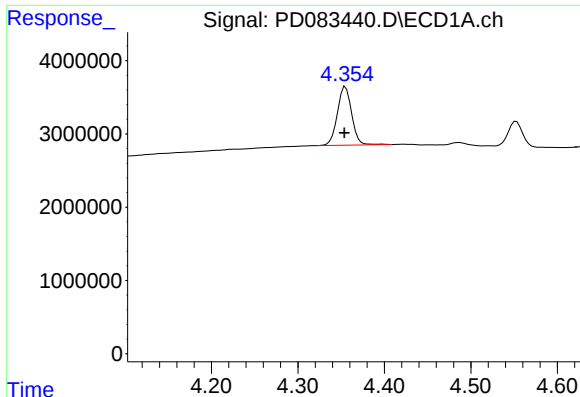
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: 0.001 min  
Response: 8611051  
Conc: 3.43 ng/ml



#2 alpha-BHC

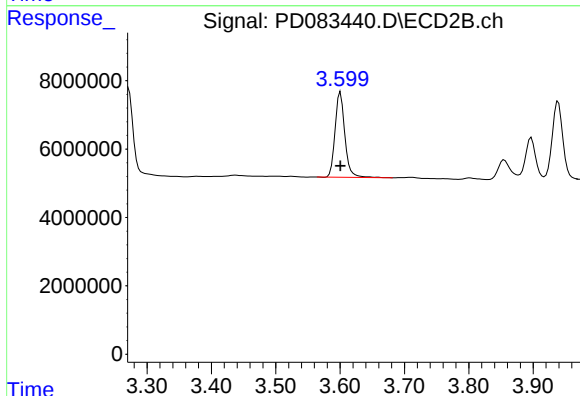
R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 27539995  
Conc: 3.80 ng/ml



#3 gamma-BHC (Lindane)

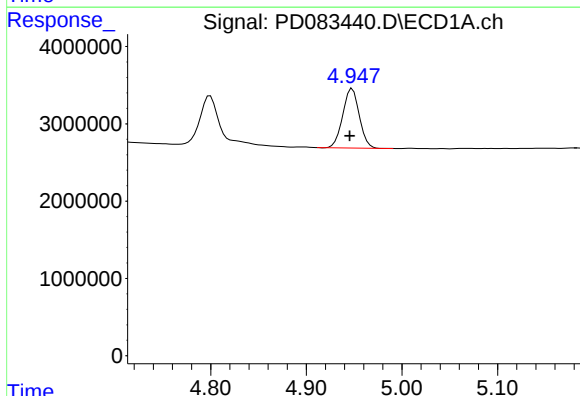
R.T.: 4.355 min  
Delta R.T.: 0.001 min  
Response: 9155485  
Conc: 3.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



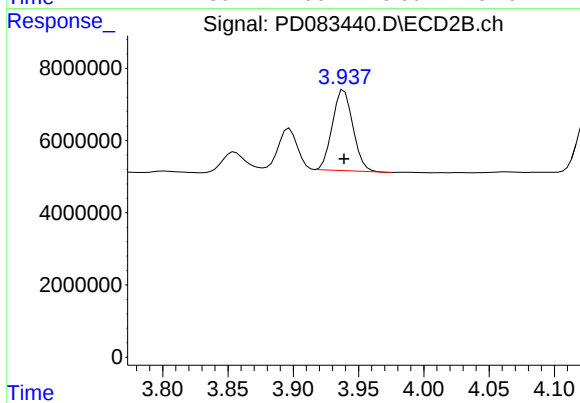
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: 0.000 min  
Response: 26310235  
Conc: 3.88 ng/ml



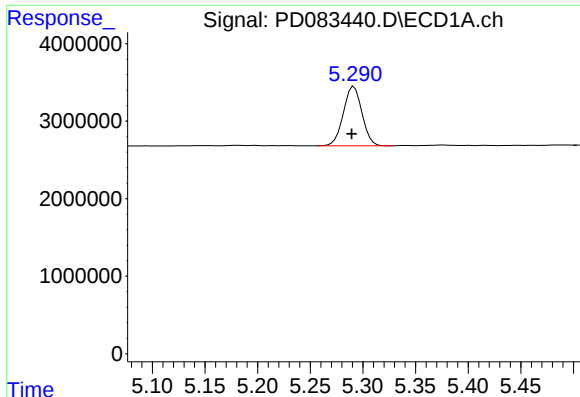
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.002 min  
Response: 9270486  
Conc: 3.67 ng/ml



#4 Heptachlor

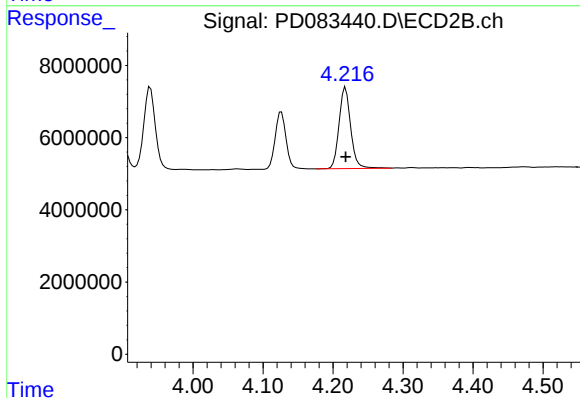
R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 24523039  
Conc: 3.64 ng/ml



#5 Aldrin

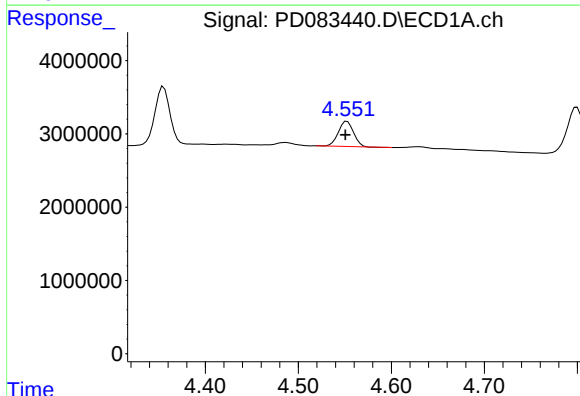
R.T.: 5.292 min  
Delta R.T.: 0.002 min  
Response: 9456882  
Conc: 3.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



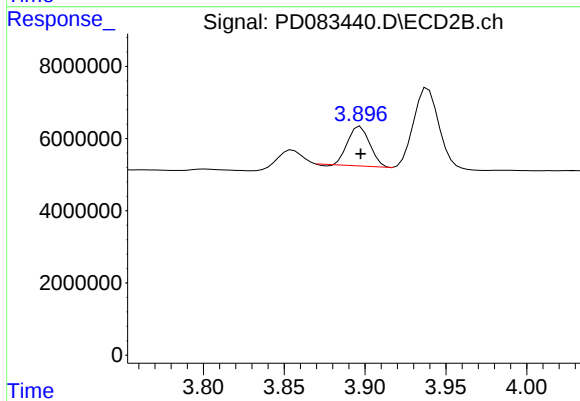
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 26064860  
Conc: 4.03 ng/ml



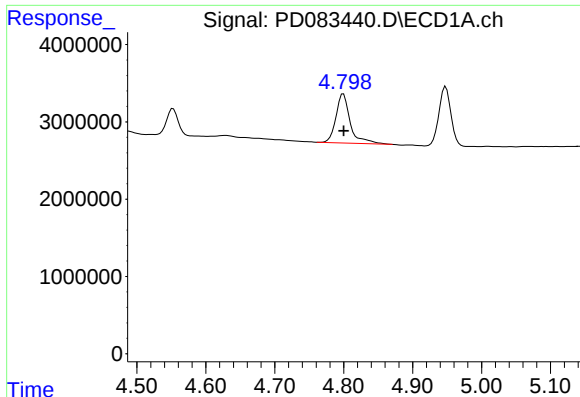
#6 beta-BHC

R.T.: 4.553 min  
Delta R.T.: 0.002 min  
Response: 3906418  
Conc: 3.64 ng/ml



#6 beta-BHC

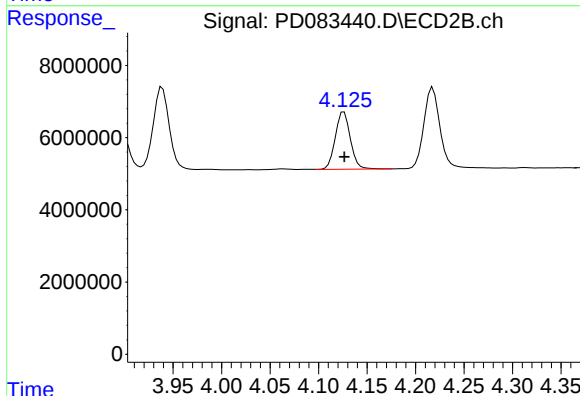
R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 10389507  
Conc: 3.53 ng/ml



#7 delta-BHC

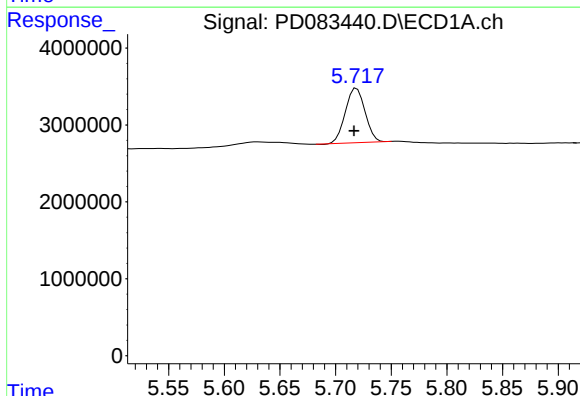
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 9124877  
Conc: 3.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



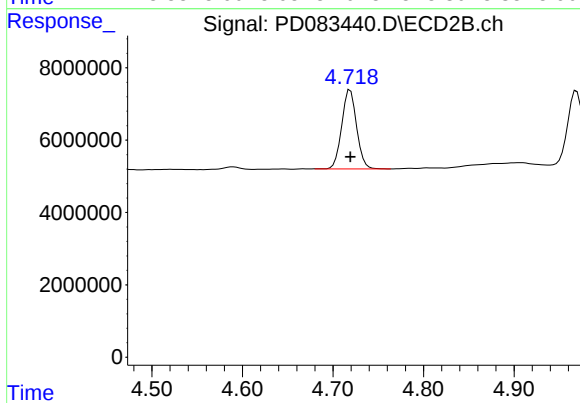
#7 delta-BHC

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 17213558  
Conc: 2.44 ng/ml



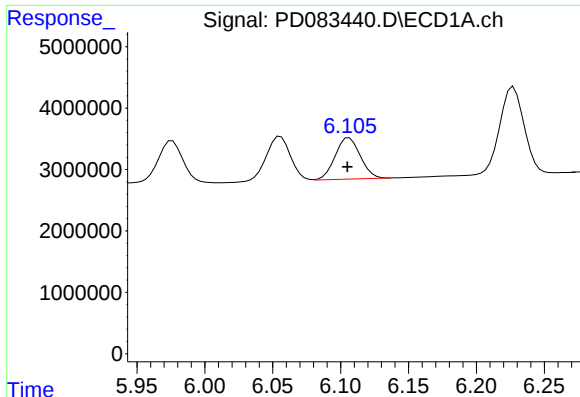
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.002 min  
Response: 8759751  
Conc: 3.99 ng/ml



#8 Heptachlor epoxide

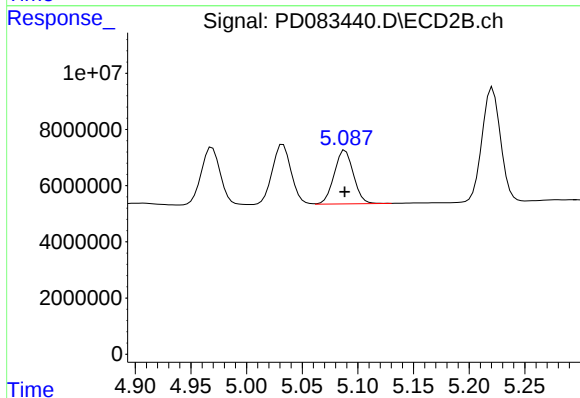
R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 24914796  
Conc: 4.18 ng/ml



#9 Endosulfan I

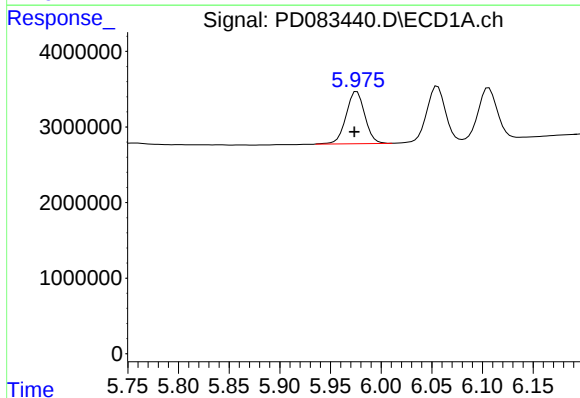
R.T.: 6.106 min  
Delta R.T.: 0.001 min  
Response: 8675010  
Conc: 4.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



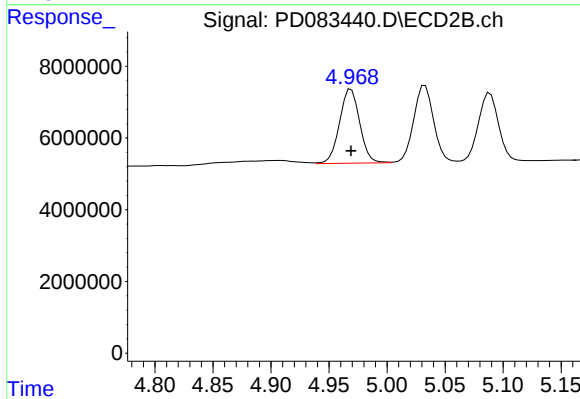
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 22908156  
Conc: 4.20 ng/ml



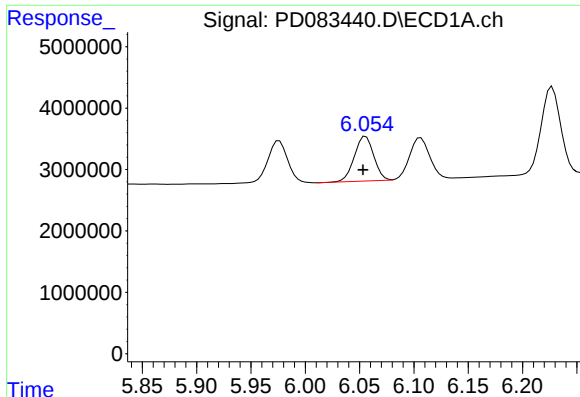
#10 trans-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 8834830  
Conc: 4.07 ng/ml



#10 trans-Chlordane

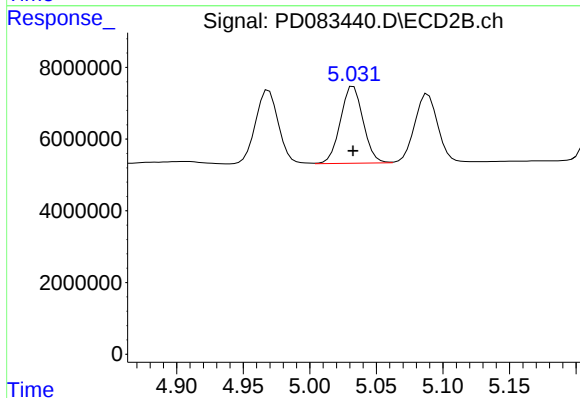
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 24966978  
Conc: 4.27 ng/ml



#11 cis-Chlordane

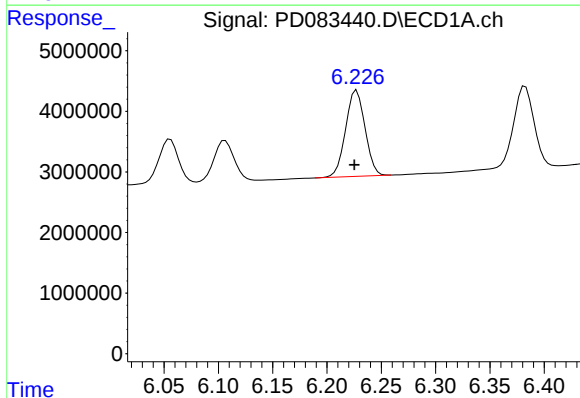
R.T.: 6.056 min  
Delta R.T.: 0.002 min  
Response: 9072635  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



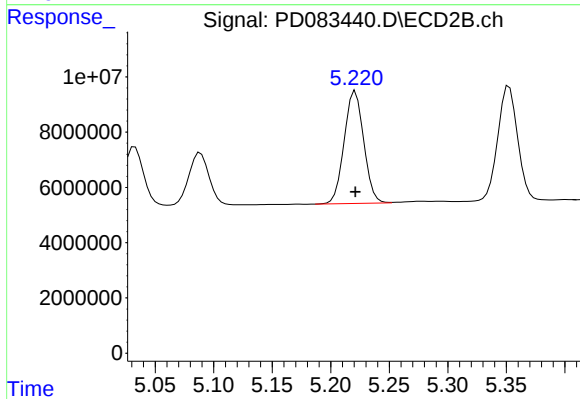
#11 cis-Chlordane

R.T.: 5.033 min  
Delta R.T.: 0.000 min  
Response: 25456903  
Conc: 4.27 ng/ml



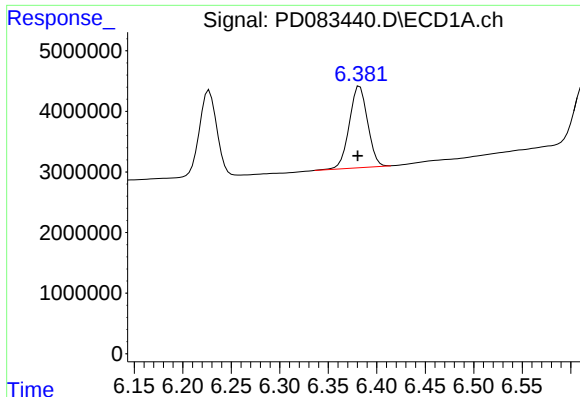
#12 4,4'-DDE

R.T.: 6.227 min  
Delta R.T.: 0.002 min  
Response: 17687966  
Conc: 7.96 ng/ml



#12 4,4'-DDE

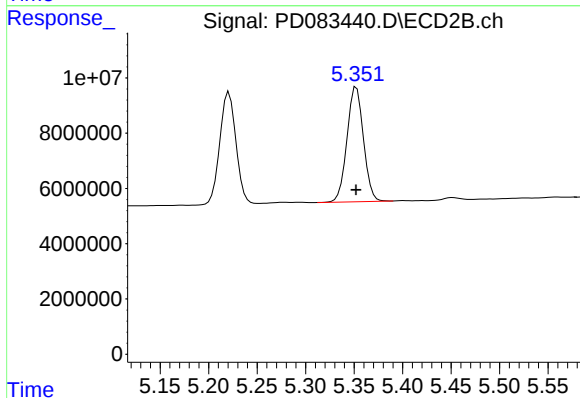
R.T.: 5.221 min  
Delta R.T.: 0.000 min  
Response: 47279965  
Conc: 8.28 ng/ml



#13 Dieldrin

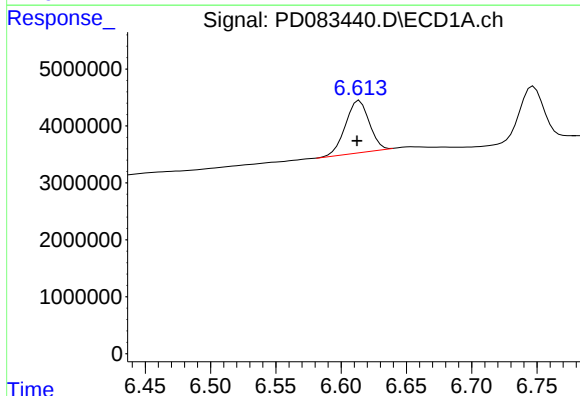
R.T.: 6.382 min  
Delta R.T.: 0.002 min  
Response: 17657961  
Conc: 7.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



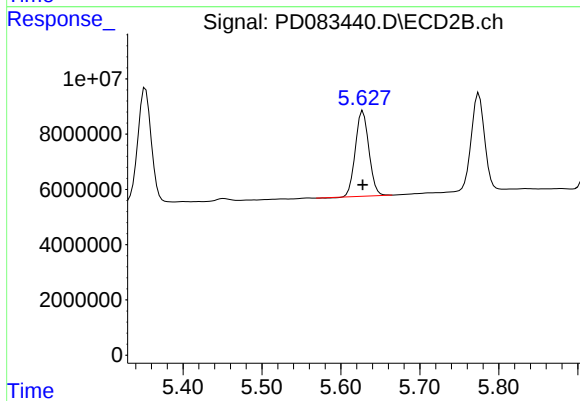
#13 Dieldrin

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 49014135  
Conc: 8.08 ng/ml



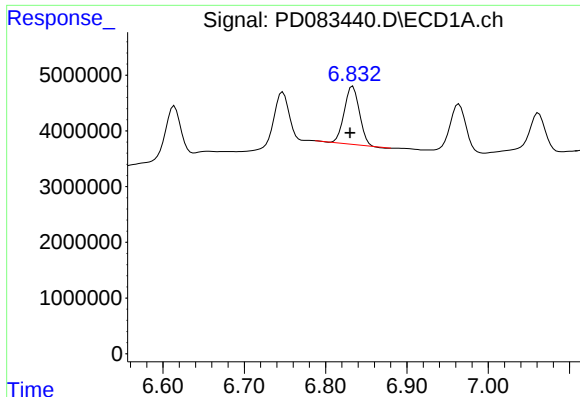
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.002 min  
Response: 11585868  
Conc: 6.22 ng/ml



#14 Endrin

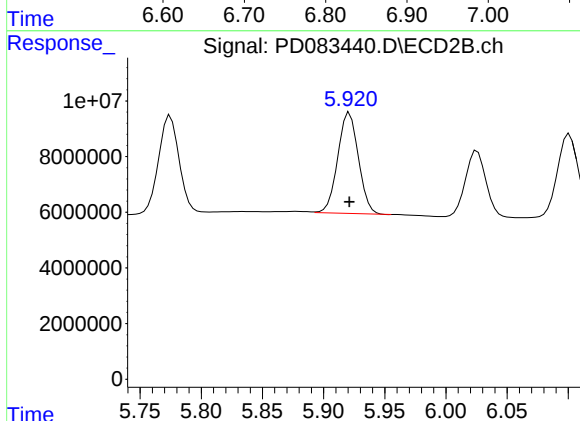
R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 36732306  
Conc: 6.85 ng/ml



#15 Endosulfan II

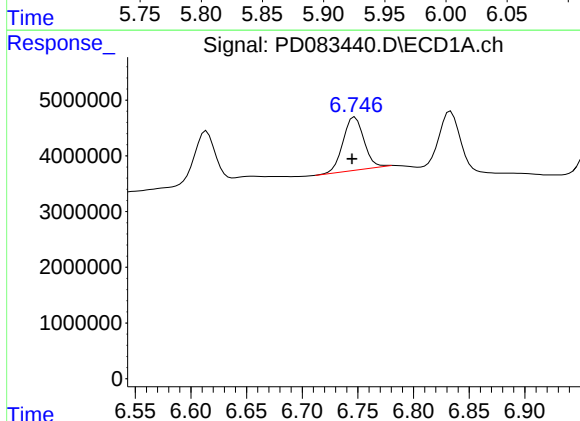
R.T.: 6.833 min  
Delta R.T.: 0.003 min  
Response: 13273750  
Conc: 6.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



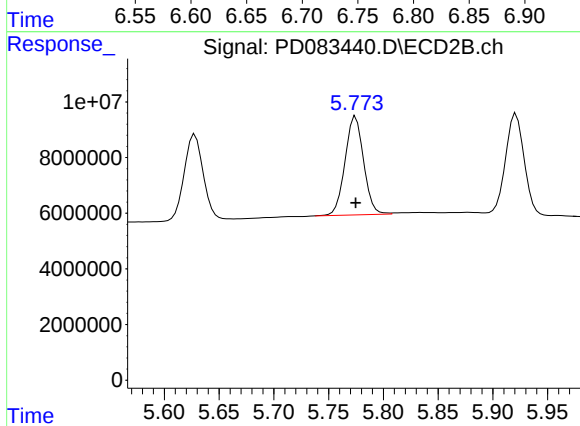
#15 Endosulfan II

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 42662016  
Conc: 8.52 ng/ml



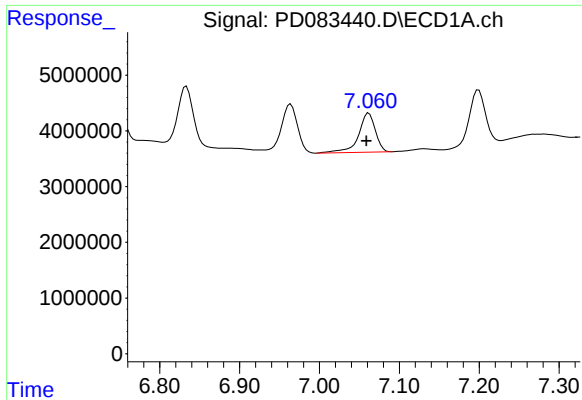
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.003 min  
Response: 12794341  
Conc: 7.96 ng/ml



#16 4,4'-DDD

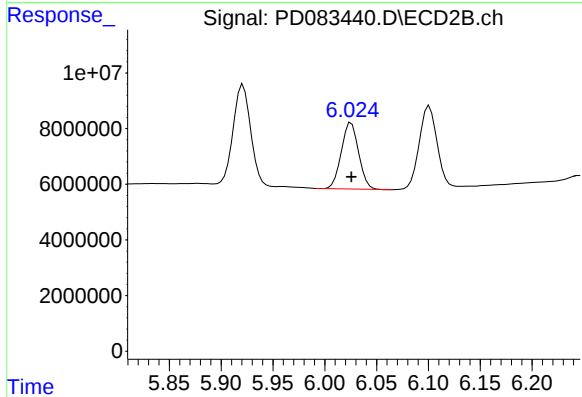
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 41818852  
Conc: 9.03 ng/ml



#17 4,4'-DDT

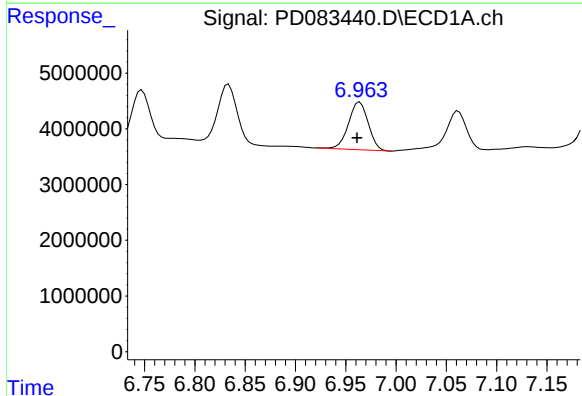
R.T.: 7.062 min  
Delta R.T.: 0.003 min  
Response: 10245821  
Conc: 6.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



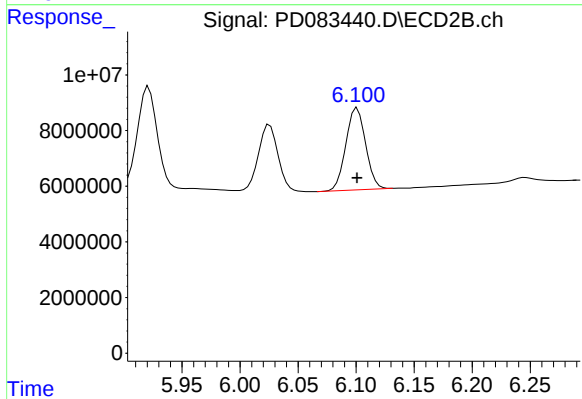
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 27602758  
Conc: 5.91 ng/ml



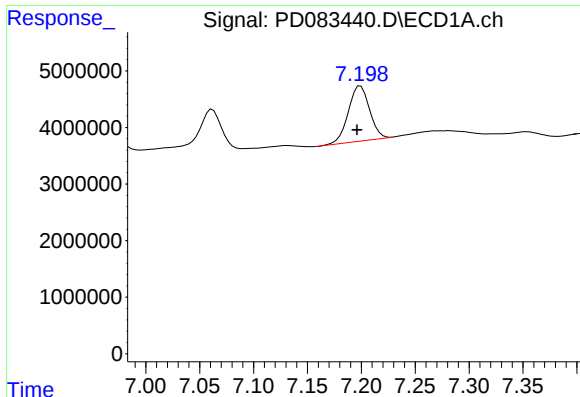
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.003 min  
Response: 11651604  
Conc: 8.07 ng/ml



#18 Endrin aldehyde

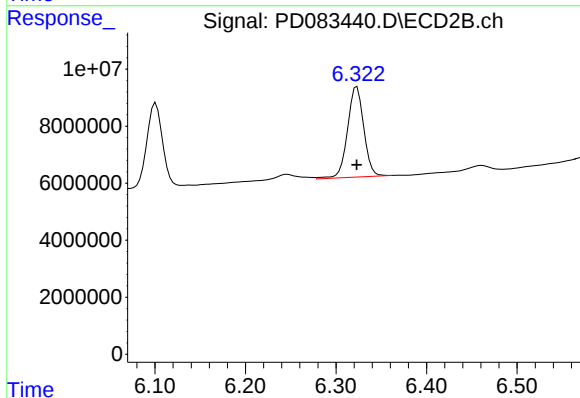
R.T.: 6.101 min  
Delta R.T.: 0.000 min  
Response: 34844075  
Conc: 9.09 ng/ml



#19 Endosulfan Sulfate

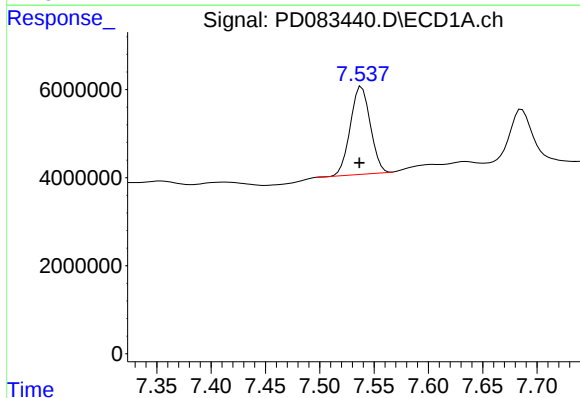
R.T.: 7.199 min  
Delta R.T.: 0.003 min  
Response: 13311113  
Conc: 7.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



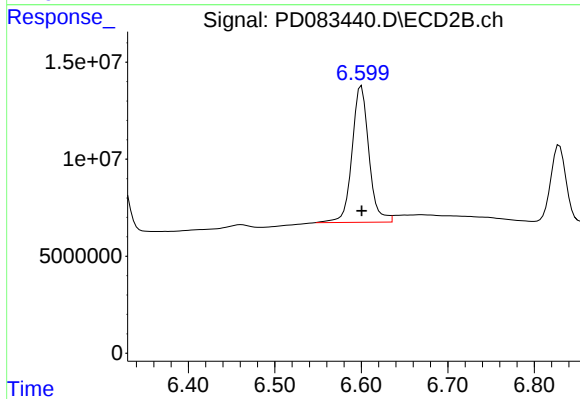
#19 Endosulfan Sulfate

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 39578489  
Conc: 8.14 ng/ml



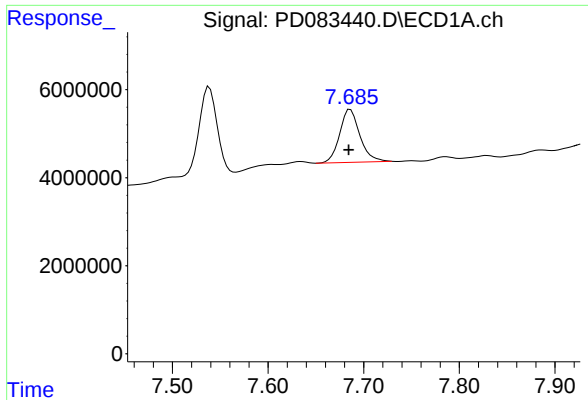
#20 Methoxychlor

R.T.: 7.539 min  
Delta R.T.: 0.002 min  
Response: 25570323  
Conc: 27.82 ng/ml



#20 Methoxychlor

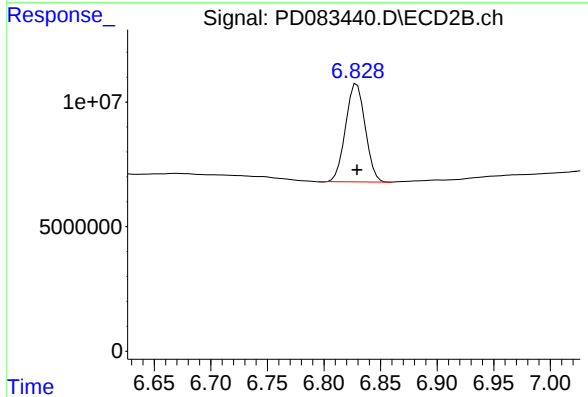
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 95448059  
Conc: 39.04 ng/ml



#21 Endrin ketone

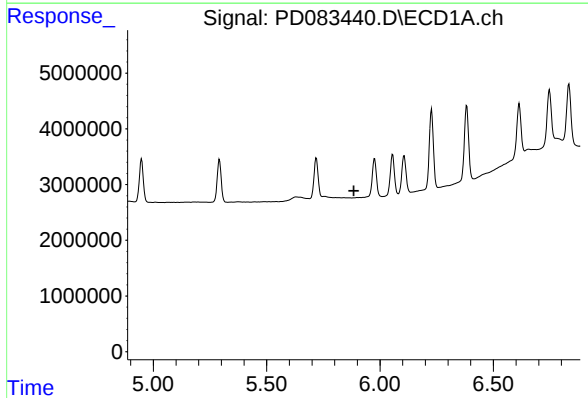
R.T.: 7.686 min  
Delta R.T.: 0.002 min  
Response: 17759070  
Conc: 9.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



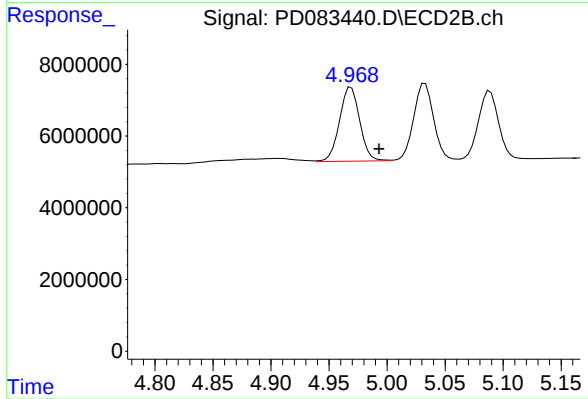
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 47474422  
Conc: 8.90 ng/ml



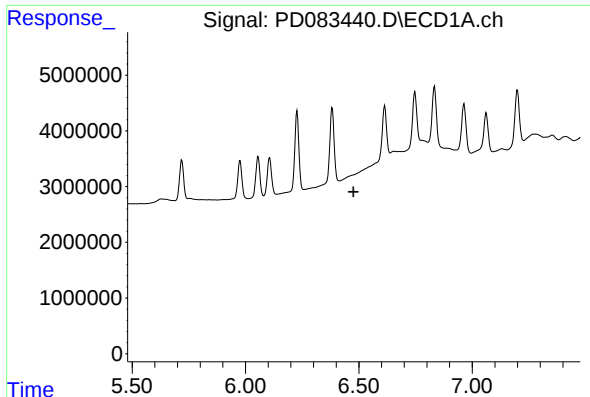
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.884 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

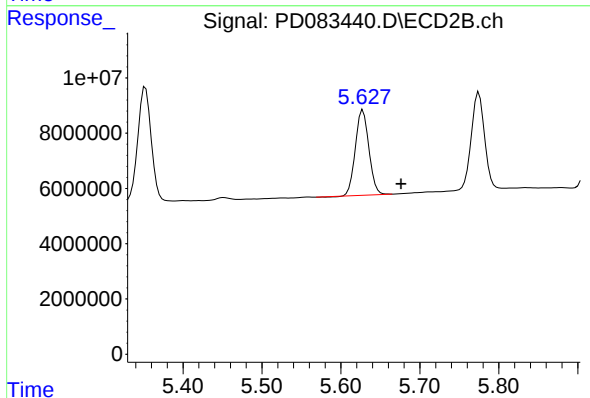
R.T.: 4.969 min  
Delta R.T.: -0.024 min  
Response: 24966978  
Conc: 843.37 ng/ml



#23 Toxaphene-2

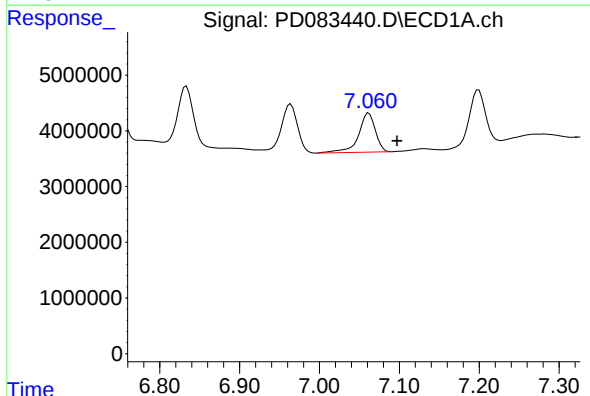
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



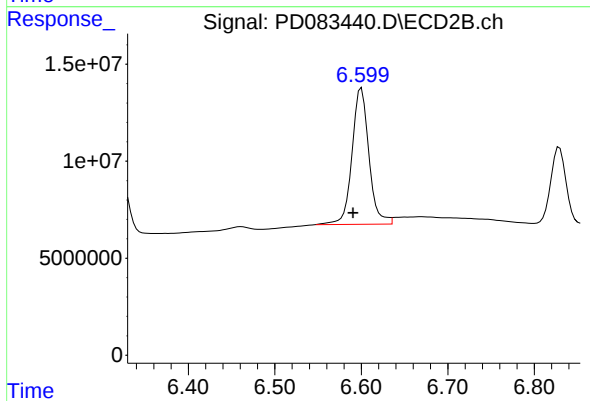
#23 Toxaphene-2

R.T.: 5.628 min  
Delta R.T.: -0.048 min  
Response: 36732306  
Conc: 1102.28 ng/ml



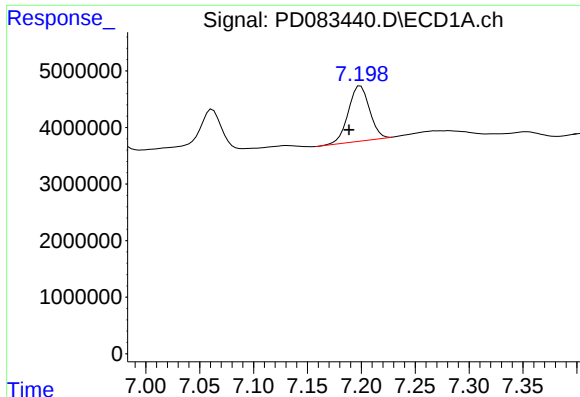
#24 Toxaphene-3

R.T.: 7.062 min  
Delta R.T.: -0.036 min  
Response: 10245821  
Conc: 195.06 ng/ml



#24 Toxaphene-3

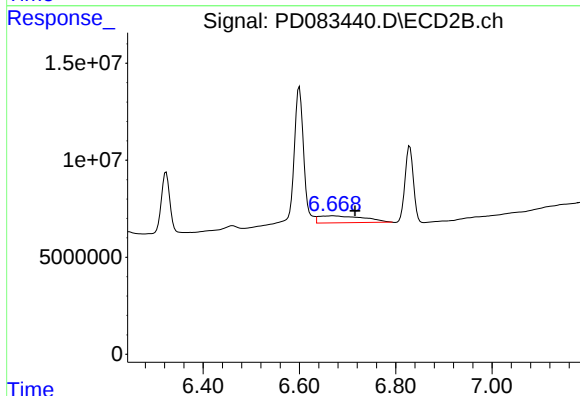
R.T.: 6.600 min  
Delta R.T.: 0.010 min  
Response: 95448059  
Conc: 909.12 ng/ml



#25 Toxaphene-4

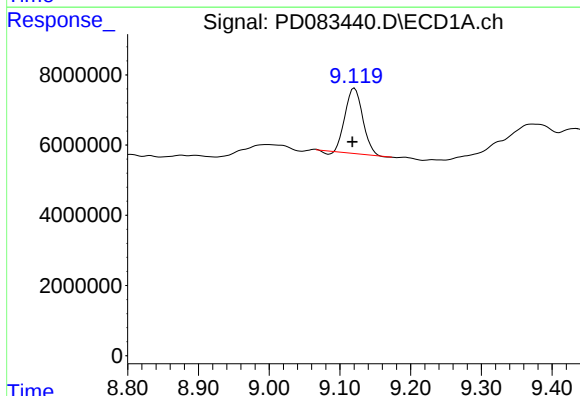
R.T.: 7.199 min  
Delta R.T.: 0.011 min  
Response: 13311113  
Conc: 337.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BHY1



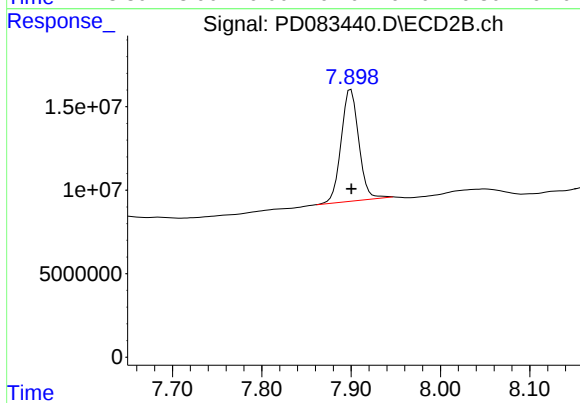
#25 Toxaphene-4

R.T.: 6.670 min  
Delta R.T.: -0.046 min  
Response: 23506763  
Conc: 157.83 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: 0.003 min  
Response: 31548872  
Conc: 15.44 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 92436677  
Conc: 18.53 ng/ml