

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060323\  
 Data File : PD075696.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2023 14:33  
 Operator : AR\AJ  
 Sample : 02550-20  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 05:55:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060223CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 02 04:01:43 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

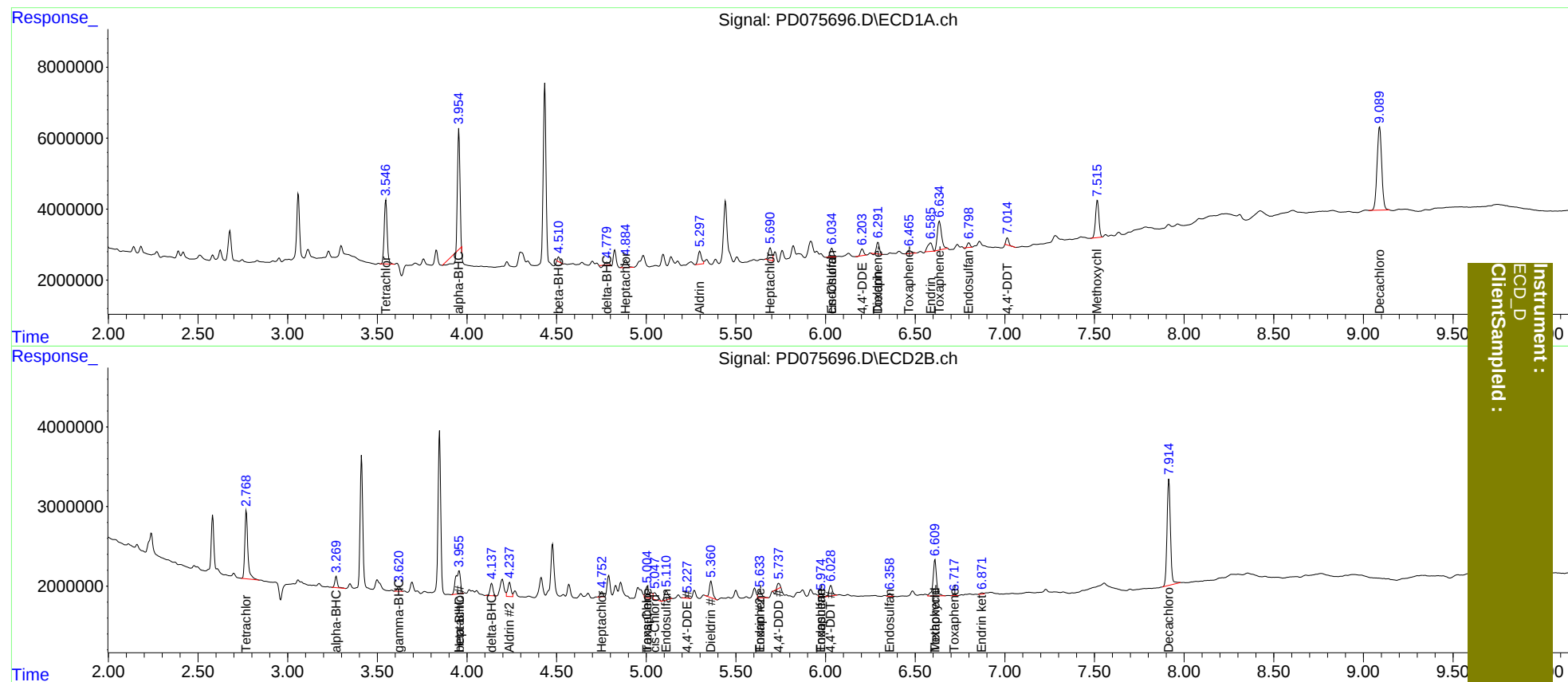
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.547  | 2.769  | 20641855 | 10023268 | 10.326  | 9.886     |
| 27)                         | SA Decachlor... | 9.090  | 7.915  | 42422824 | 17711493 | 18.497  | 18.860    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.955f | 3.271  | 25949015 | 1446140  | 7.790   | 0.967 #   |
| 3)                          | MA gamma-BHC... | 4.299f | 3.622  | -168656  | 716808   | N.D.    | 0.516     |
| 4)                          | MA Heptachlor   | 4.885f | 3.957  | 3232293  | 5400916  | 0.997   | 3.945 #   |
| 5)                          | MB Aldrin       | 5.299f | 4.238  | 4756186  | 2222647  | 1.468   | 1.573     |
| 6)                          | B beta-BHC      | 4.511  | 3.957f | 1158237  | 5400916  | 0.820   | 7.865 #   |
| 7)                          | B delta-BHC     | 4.780  | 4.138  | 767572   | 1812671  | 0.242   | 1.250 #   |
| 8)                          | B Heptachlo...  | 5.691  | 4.753  | 4475012  | 725707   | 1.464   | 0.552 #   |
| 9)                          | A Endosulfan I  | 6.035f | 5.112  | 3034559  | 1627509  | 1.145   | 1.409     |
| 10)                         | B trans-Chl...  | 0.000  | 5.005  | 0        | 1889299  | N.D.    | 1.486     |
| 11)                         | B cis-Chlor...  | 6.035  | 5.047  | 3034559  | 1487987  | 1.008   | 1.142     |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.228  | 2216493  | 209804   | 0.792   | 0.184 #   |
| 13)                         | MA Dieldrin     | 6.293f | 5.361  | 3517360  | 2516841  | 1.182   | 1.931 #   |
| 14)                         | MA Endrin       | 6.586  | 5.634  | 4216635  | 1263632  | 1.678   | 1.101 #   |
| 15)                         | B Endosulfa...  | 6.800  | 5.975  | 1261087  | 382857   | 0.493   | 0.341 #   |
| 16)                         | A 4,4'-DDD      | 6.736  | 5.739f | 726      | 438380   | <MDL    | 0.499 #   |
| 17)                         | MA 4,4'-DDT     | 7.014  | 6.030  | 2116838  | 1702087  | 1.031   | 2.092 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.359  | 0        | 419371   | N.D.    | 0.400     |
| 20)                         | A Methoxychlor  | 7.517  | 6.611  | 13708138 | 6215076  | 10.993  | 12.875    |
| 21)                         | B Endrin ke...  | 0.000  | 6.873  | 0        | 190531   | N.D.    | 0.163     |
| 22)                         | Toxaphene-1     | 6.293f | 5.005  | 3517360  | 1889299  | 172.029 | 265.127 # |
| 23)                         | Toxaphene-2     | 6.466  | 5.634f | 1436096  | 1263632  | 55.170  | 178.599 # |
| 24)                         | Toxaphene-3     | 6.635  | 5.975  | 13345240 | 382857   | 698.518 | 45.331 #  |
| 25)                         | Toxaphene-4     | 0.000  | 6.611  | 0        | 6215076  | N.D.    | 300.711   |
| 26)                         | Toxaphene-5     | 0.000  | 6.718  | 0        | 187858   | N.D.    | 5.802     |
| -----                       |                 |        |        |          |          |         |           |

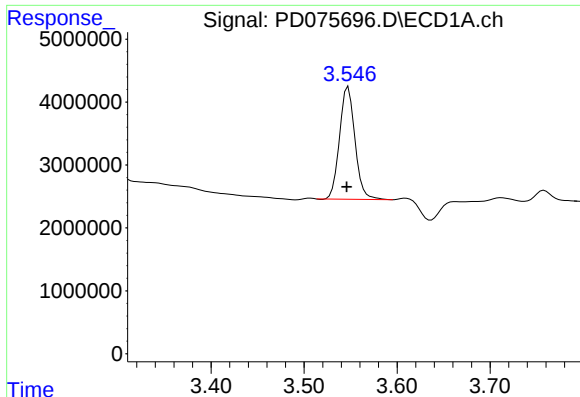
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060323\  
Data File : PD075696.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jun 2023 14:33  
Operator : AR\AJ  
Sample : 02550-20  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Jun 03 05:55:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060223CLP.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

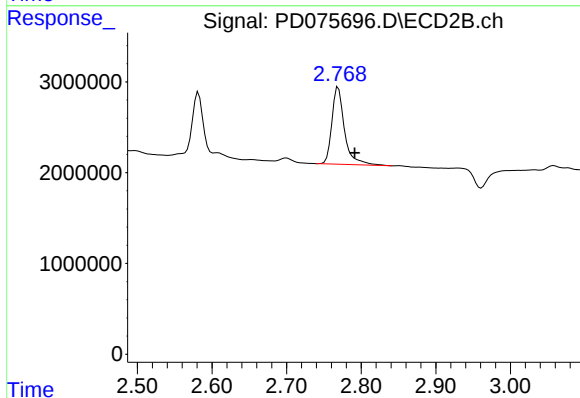




#1 Tetrachloro-m-xylene

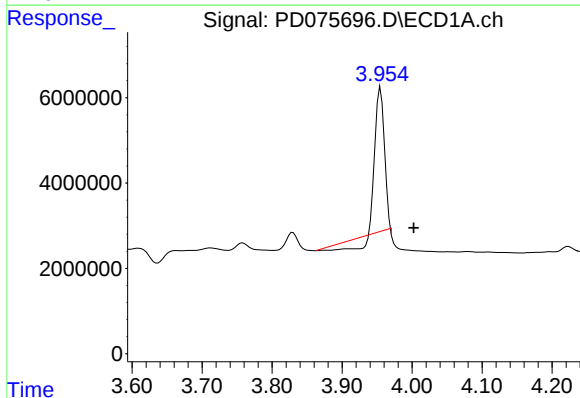
R.T.: 3.547 min  
Delta R.T.: 0.001 min  
Response: 20641855  
Conc: 10.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



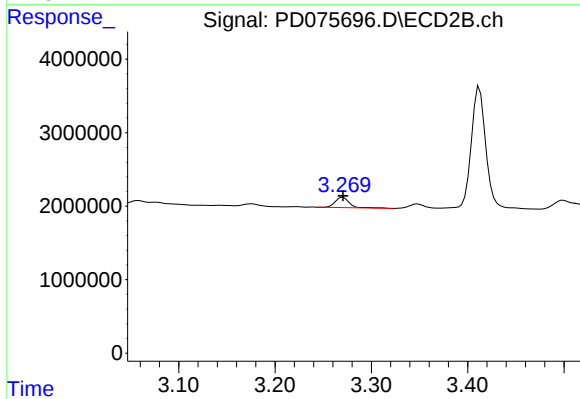
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.022 min  
Response: 10023268  
Conc: 9.89 ng/ml



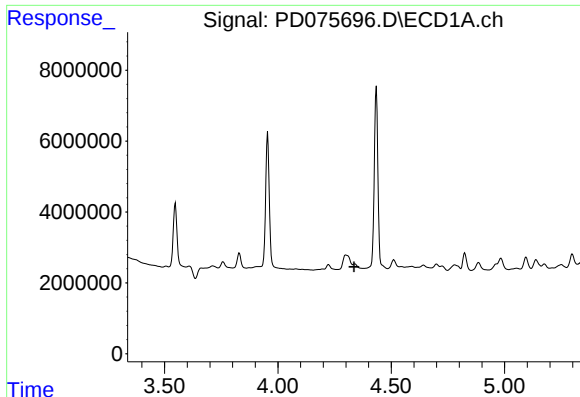
#2 alpha-BHC

R.T.: 3.955 min  
Delta R.T.: -0.047 min  
Response: 25949015  
Conc: 7.79 ng/ml



#2 alpha-BHC

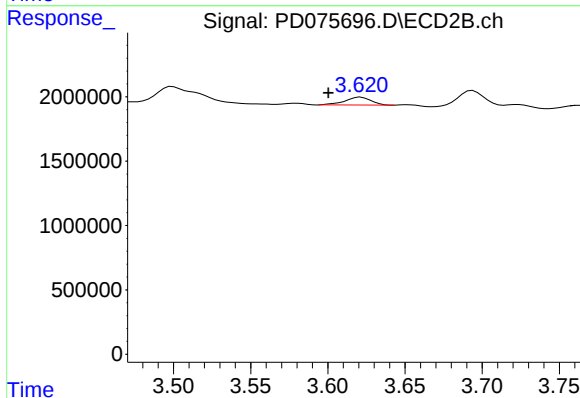
R.T.: 3.271 min  
Delta R.T.: 0.000 min  
Response: 1446140  
Conc: 0.97 ng/ml



#3 gamma-BHC (Lindane)

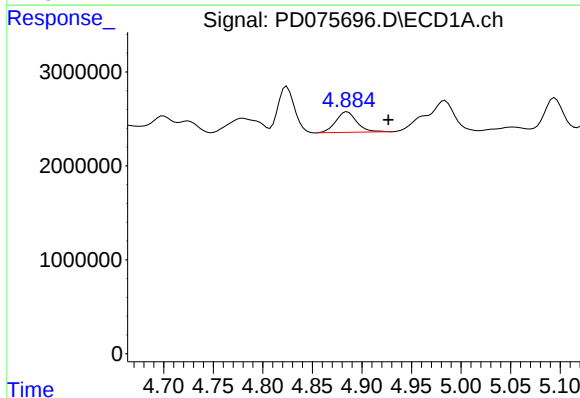
R.T.: 4.299 min  
Delta R.T.: -0.036 min  
Response: -168656  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



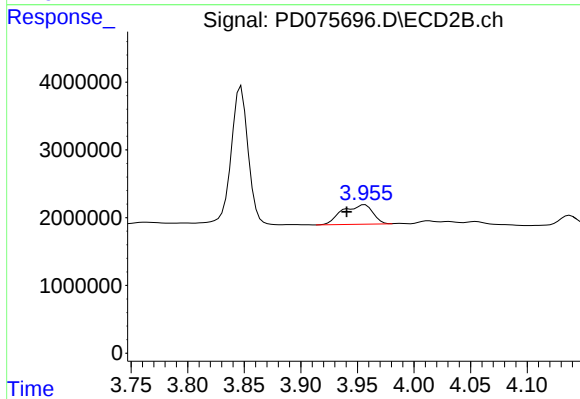
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: 0.021 min  
Response: 716808  
Conc: 0.52 ng/ml



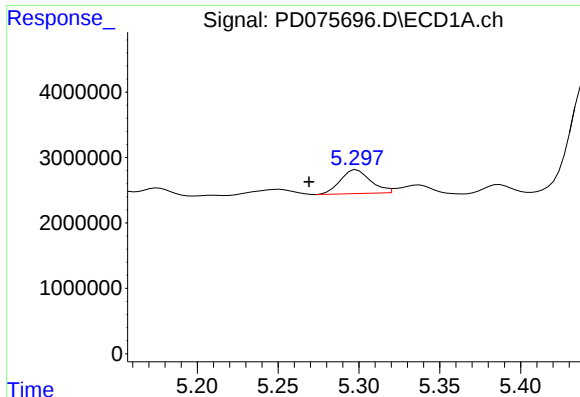
#4 Heptachlor

R.T.: 4.885 min  
Delta R.T.: -0.041 min  
Response: 3232293  
Conc: 1.00 ng/ml



#4 Heptachlor

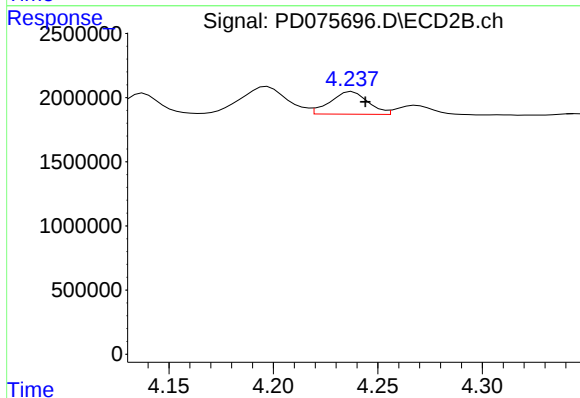
R.T.: 3.957 min  
Delta R.T.: 0.016 min  
Response: 5400916  
Conc: 3.95 ng/ml



#5 Aldrin

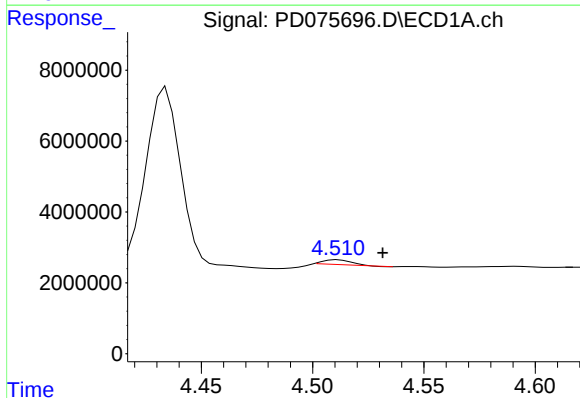
R.T.: 5.299 min  
Delta R.T.: 0.029 min  
Response: 4756186  
Conc: 1.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



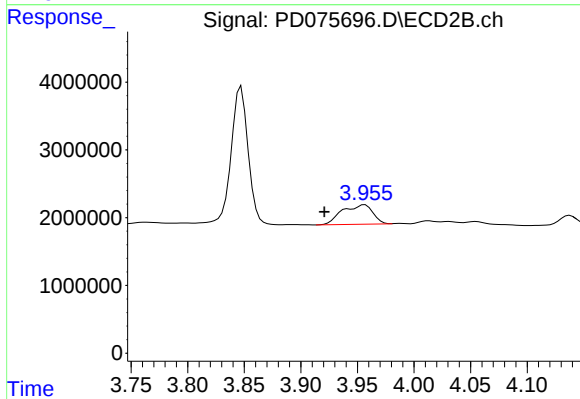
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: -0.006 min  
Response: 2222647  
Conc: 1.57 ng/ml



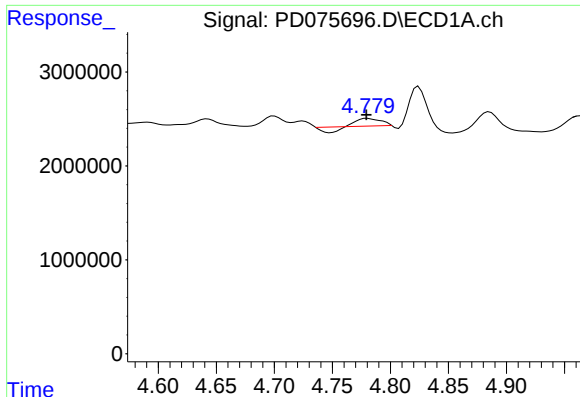
#6 beta-BHC

R.T.: 4.511 min  
Delta R.T.: -0.020 min  
Response: 1158237  
Conc: 0.82 ng/ml



#6 beta-BHC

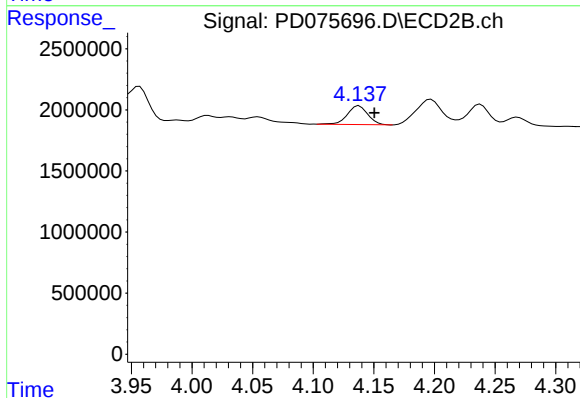
R.T.: 3.957 min  
Delta R.T.: 0.036 min  
Response: 5400916  
Conc: 7.86 ng/ml



#7 delta-BHC

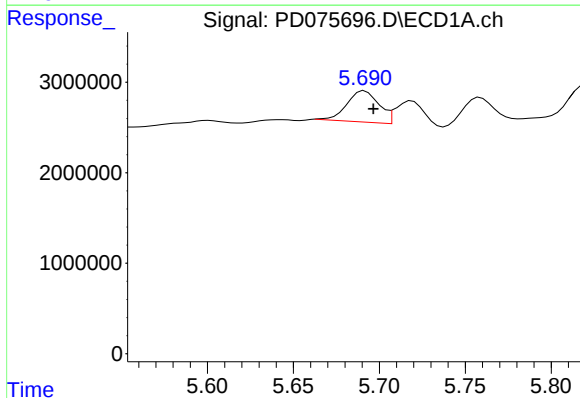
R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 767572  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



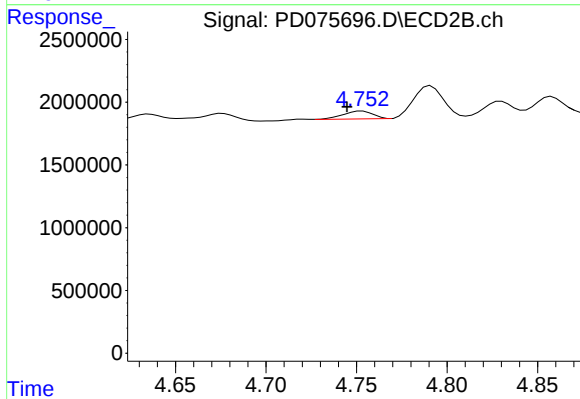
#7 delta-BHC

R.T.: 4.138 min  
Delta R.T.: -0.013 min  
Response: 1812671  
Conc: 1.25 ng/ml



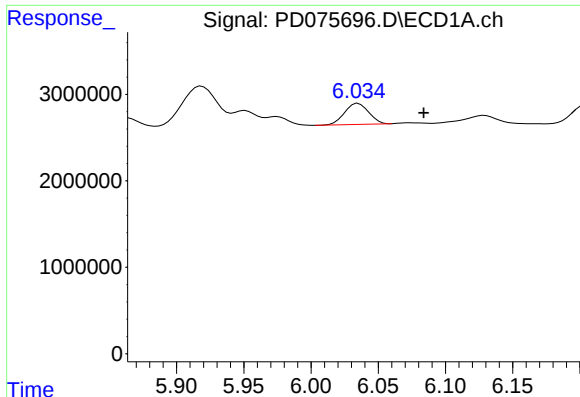
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.005 min  
Response: 4475012  
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

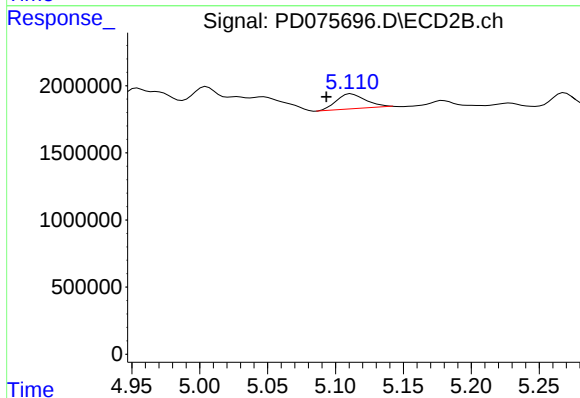
R.T.: 4.753 min  
Delta R.T.: 0.008 min  
Response: 725707  
Conc: 0.55 ng/ml



#9 Endosulfan I

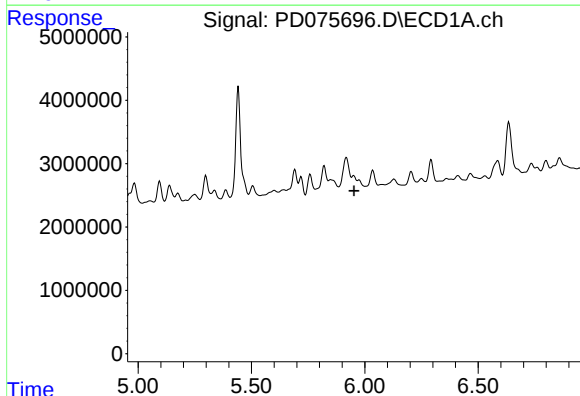
R.T.: 6.035 min  
Delta R.T.: -0.049 min  
Response: 3034559  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



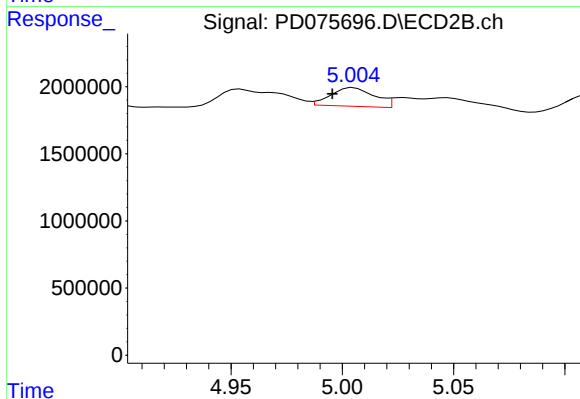
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: 0.018 min  
Response: 1627509  
Conc: 1.41 ng/ml



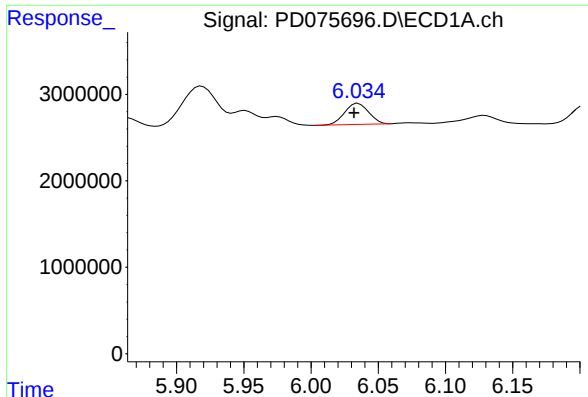
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.953 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

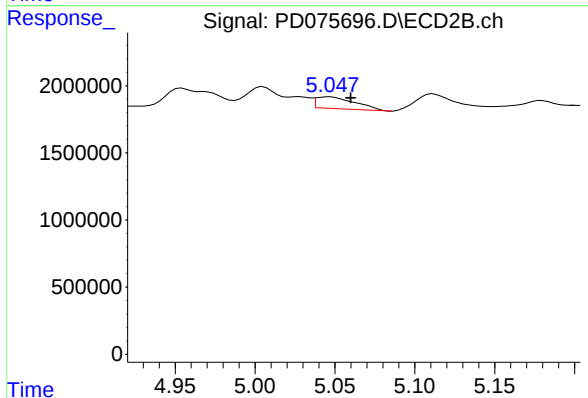
R.T.: 5.005 min  
Delta R.T.: 0.010 min  
Response: 1889299  
Conc: 1.49 ng/ml



#11 cis-Chlordane

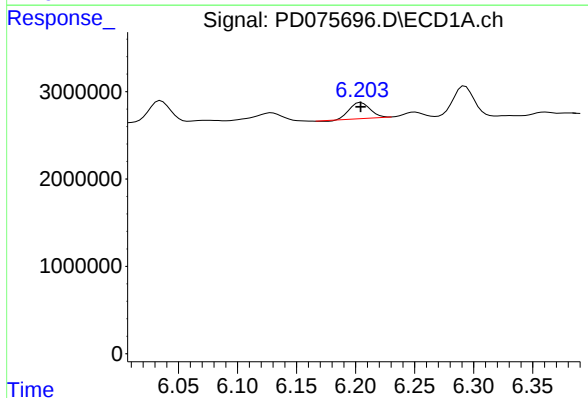
R.T.: 6.035 min  
Delta R.T.: 0.003 min  
Response: 3034559  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



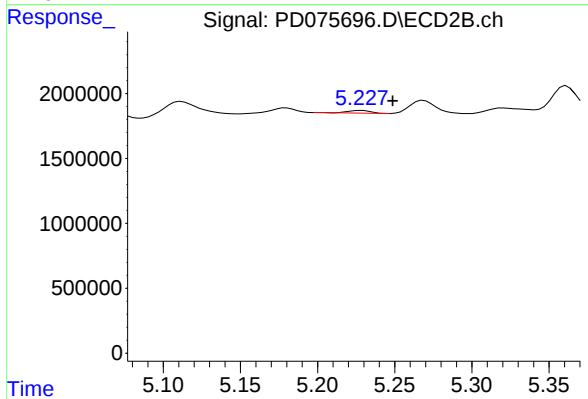
#11 cis-Chlordane

R.T.: 5.047 min  
Delta R.T.: -0.013 min  
Response: 1487987  
Conc: 1.14 ng/ml



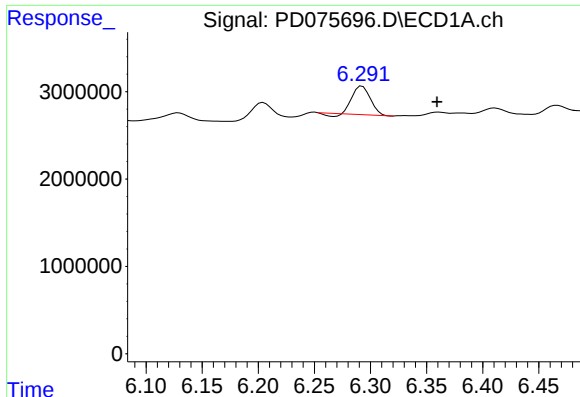
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 2216493  
Conc: 0.79 ng/ml



#12 4,4'-DDE

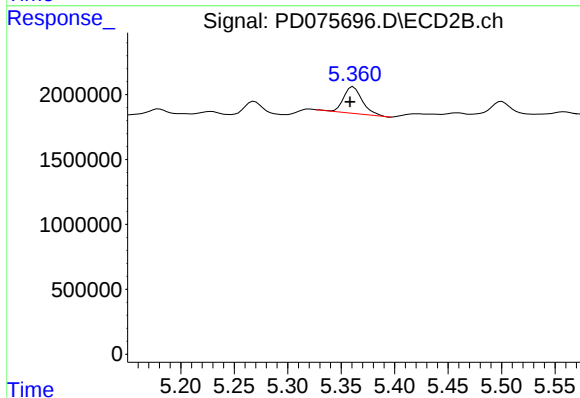
R.T.: 5.228 min  
Delta R.T.: -0.020 min  
Response: 209804  
Conc: 0.18 ng/ml



#13 Dieldrin

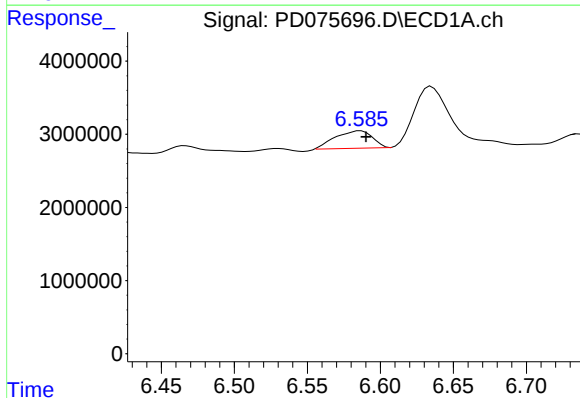
R.T.: 6.293 min  
Delta R.T.: -0.067 min  
Response: 3517360  
Conc: 1.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



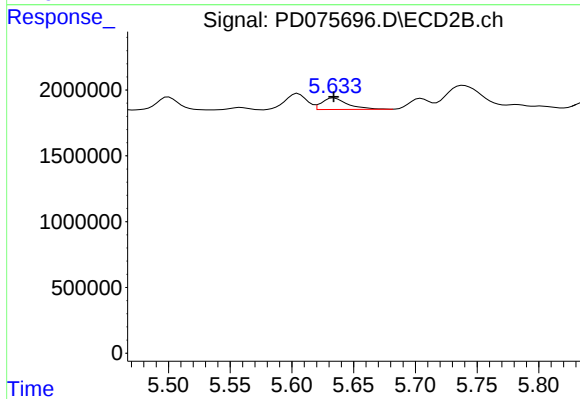
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.003 min  
Response: 2516841  
Conc: 1.93 ng/ml



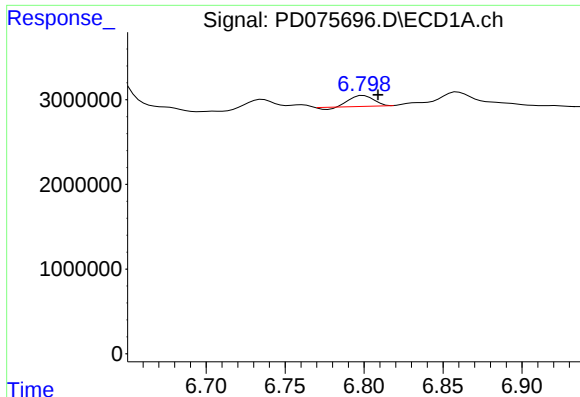
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.004 min  
Response: 4216635  
Conc: 1.68 ng/ml



#14 Endrin

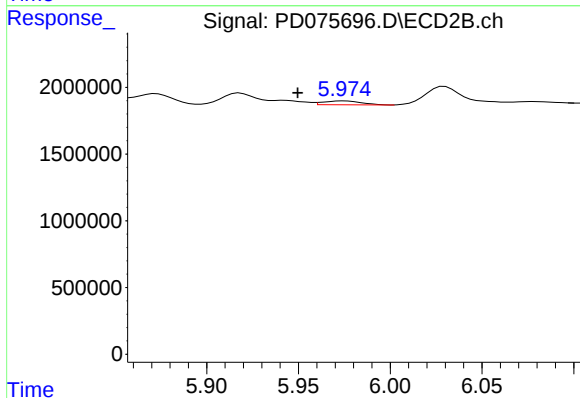
R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 1263632  
Conc: 1.10 ng/ml



#15 Endosulfan II

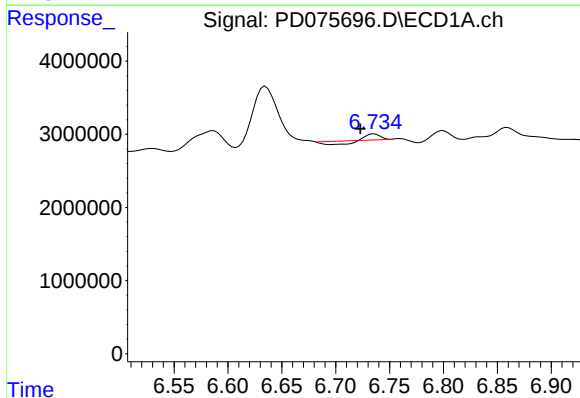
R.T.: 6.800 min  
Delta R.T.: -0.009 min  
Response: 1261087  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



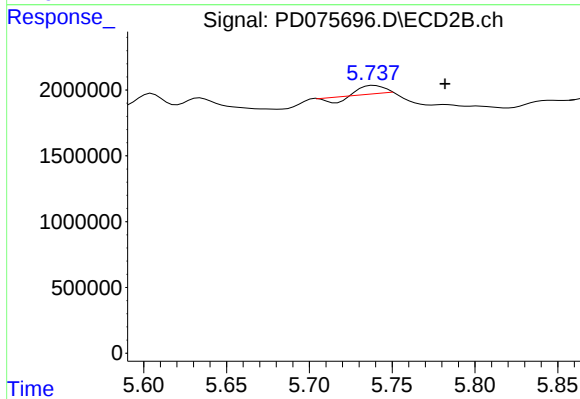
#15 Endosulfan II

R.T.: 5.975 min  
Delta R.T.: 0.025 min  
Response: 382857  
Conc: 0.34 ng/ml



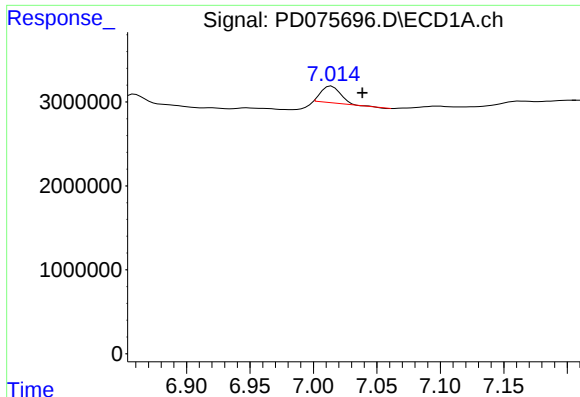
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: 0.013 min  
Response: 726  
Conc: N.D.



#16 4,4'-DDD

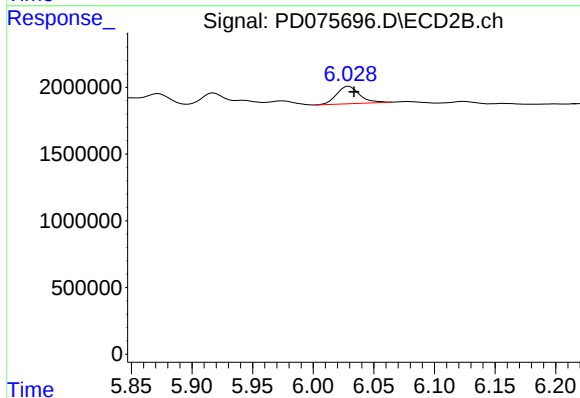
R.T.: 5.739 min  
Delta R.T.: -0.043 min  
Response: 438380  
Conc: 0.50 ng/ml



#17 4,4'-DDT

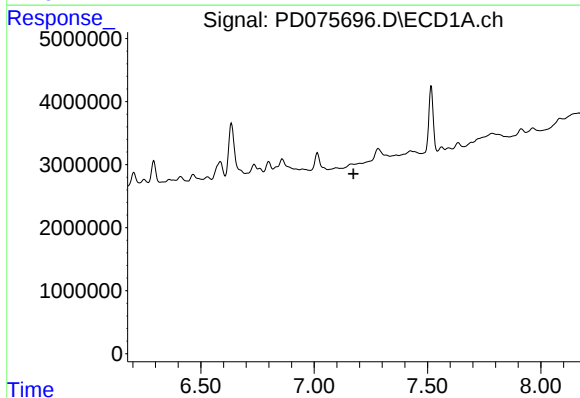
R.T.: 7.014 min  
Delta R.T.: -0.024 min  
Response: 2116838  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



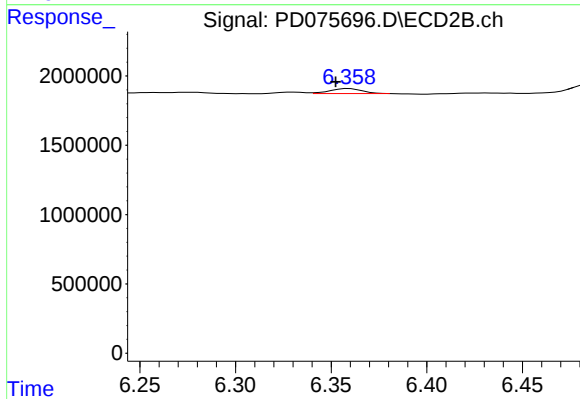
#17 4,4'-DDT

R.T.: 6.030 min  
Delta R.T.: -0.004 min  
Response: 1702087  
Conc: 2.09 ng/ml



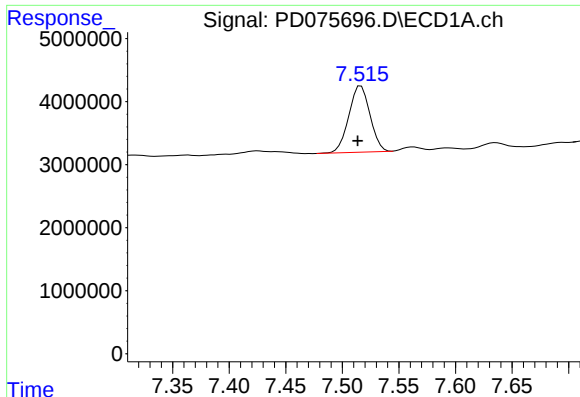
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.174 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

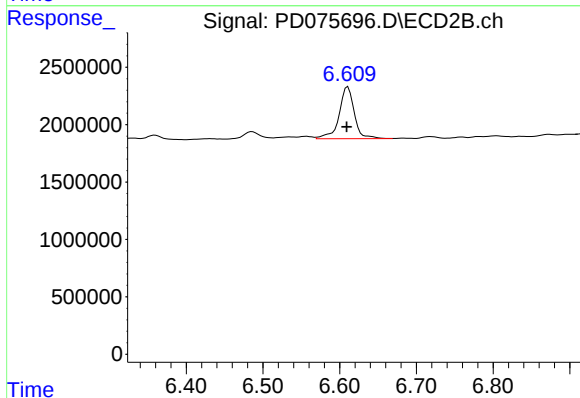
R.T.: 6.359 min  
Delta R.T.: 0.007 min  
Response: 419371  
Conc: 0.40 ng/ml



#20 Methoxychlor

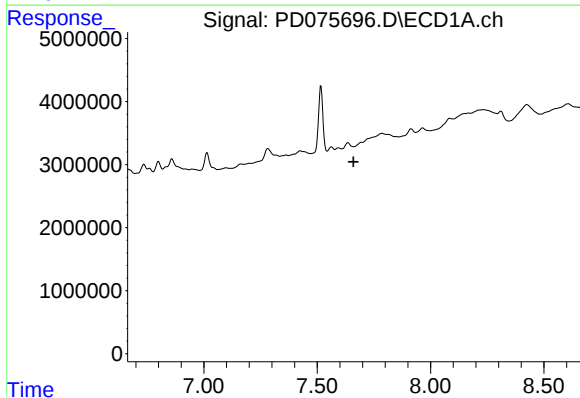
R.T.: 7.517 min  
Delta R.T.: 0.003 min  
Response: 13708138  
Conc: 10.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



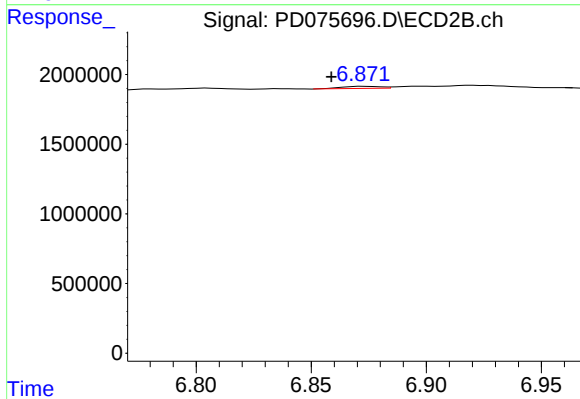
#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: 0.001 min  
Response: 6215076  
Conc: 12.87 ng/ml



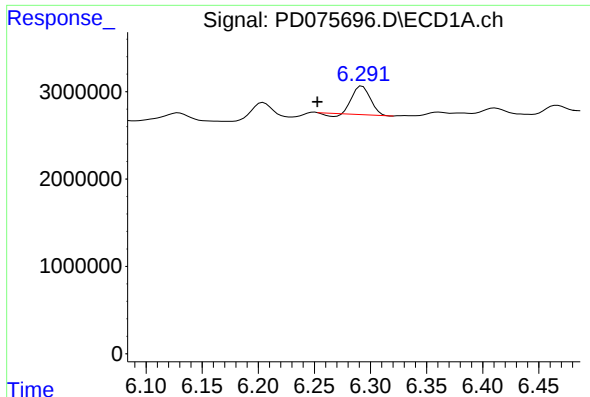
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.660 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

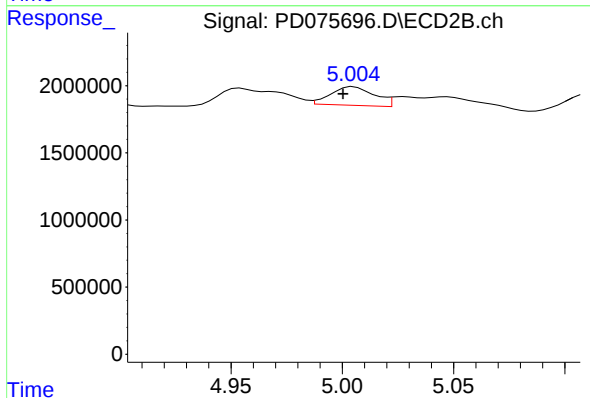
R.T.: 6.873 min  
Delta R.T.: 0.014 min  
Response: 190531  
Conc: 0.16 ng/ml



#22 Toxaphene-1

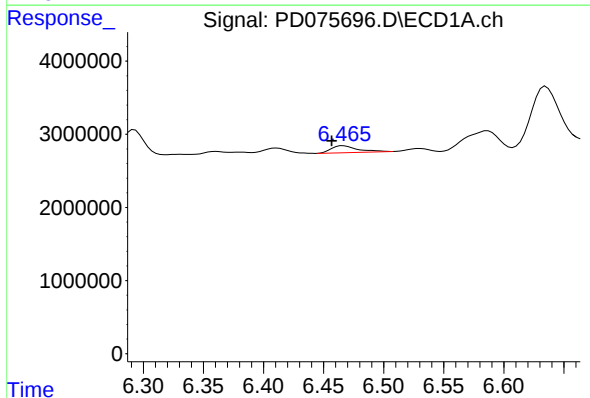
R.T.: 6.293 min  
Delta R.T.: 0.040 min  
Response: 3517360  
Conc: 172.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



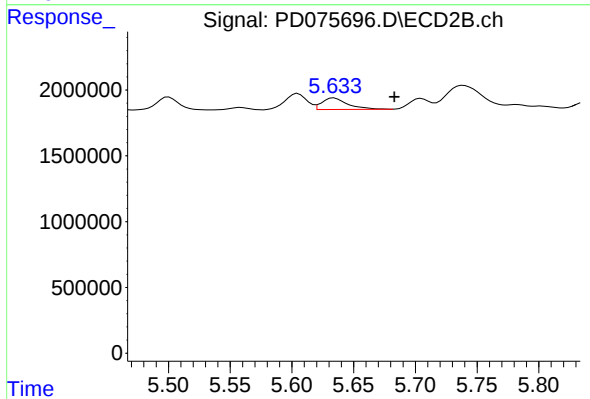
#22 Toxaphene-1

R.T.: 5.005 min  
Delta R.T.: 0.005 min  
Response: 1889299  
Conc: 265.13 ng/ml



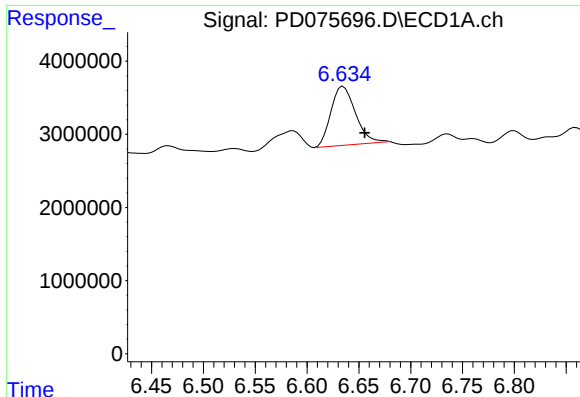
#23 Toxaphene-2

R.T.: 6.466 min  
Delta R.T.: 0.010 min  
Response: 1436096  
Conc: 55.17 ng/ml



#23 Toxaphene-2

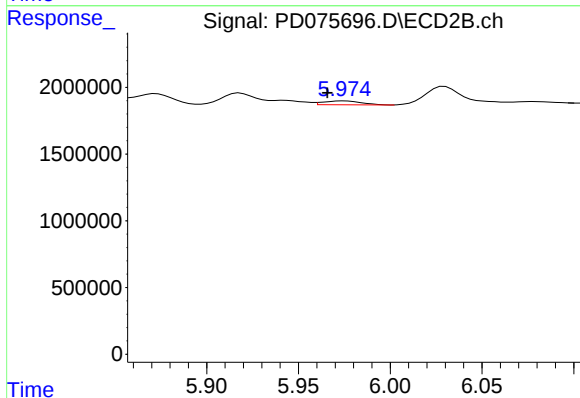
R.T.: 5.634 min  
Delta R.T.: -0.049 min  
Response: 1263632  
Conc: 178.60 ng/ml



#24 Toxaphene-3

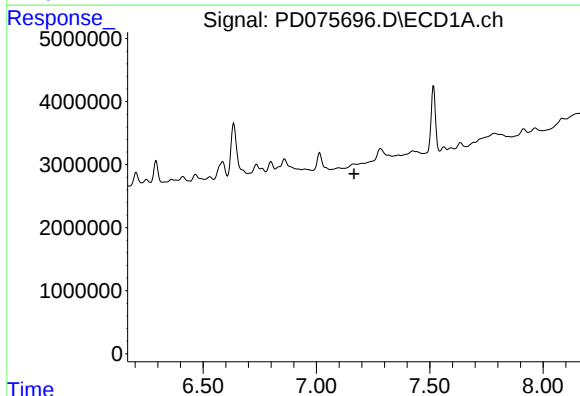
R.T.: 6.635 min  
Delta R.T.: -0.021 min  
Response: 13345240  
Conc: 698.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



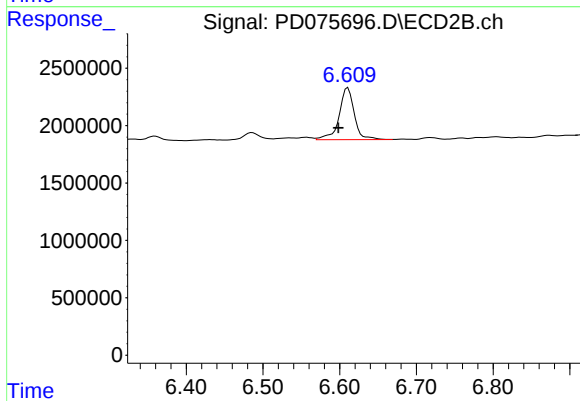
#24 Toxaphene-3

R.T.: 5.975 min  
Delta R.T.: 0.009 min  
Response: 382857  
Conc: 45.33 ng/ml



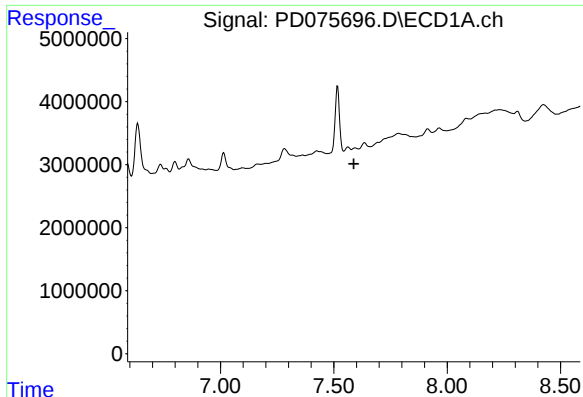
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.166 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

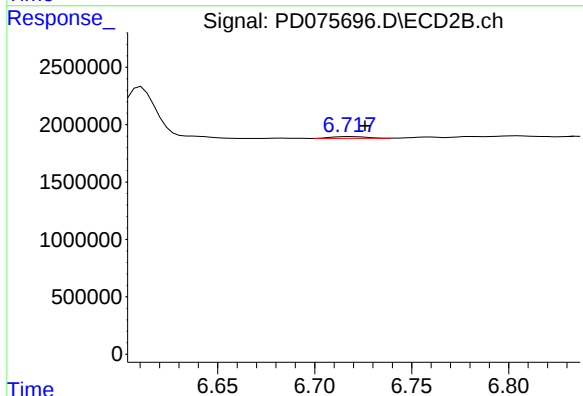
R.T.: 6.611 min  
Delta R.T.: 0.012 min  
Response: 6215076  
Conc: 300.71 ng/ml



#26 Toxaphene-5

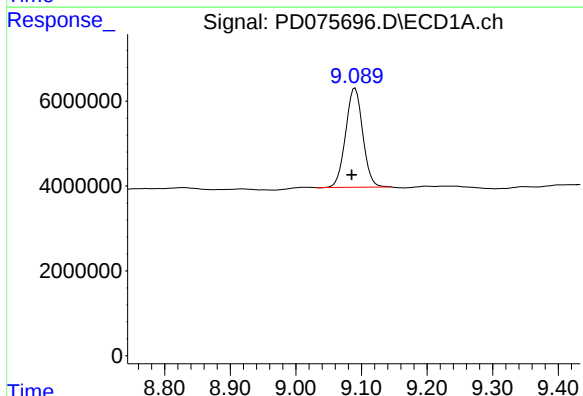
R.T.: 0.000 min  
Exp R.T.: 7.589 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



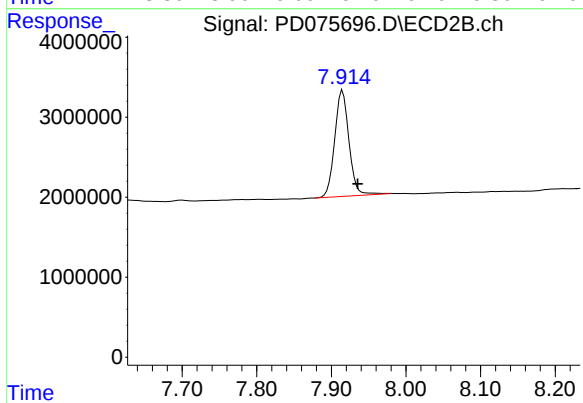
#26 Toxaphene-5

R.T.: 6.718 min  
Delta R.T.: -0.008 min  
Response: 187858  
Conc: 5.80 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.005 min  
Response: 42422824  
Conc: 18.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: -0.021 min  
Response: 17711493  
Conc: 18.86 ng/ml