

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051623\  
 Data File : PD075510.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2023 09:32  
 Operator : AR\AJ  
 Sample : PEM083  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 21:32:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 04 02:14:07 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

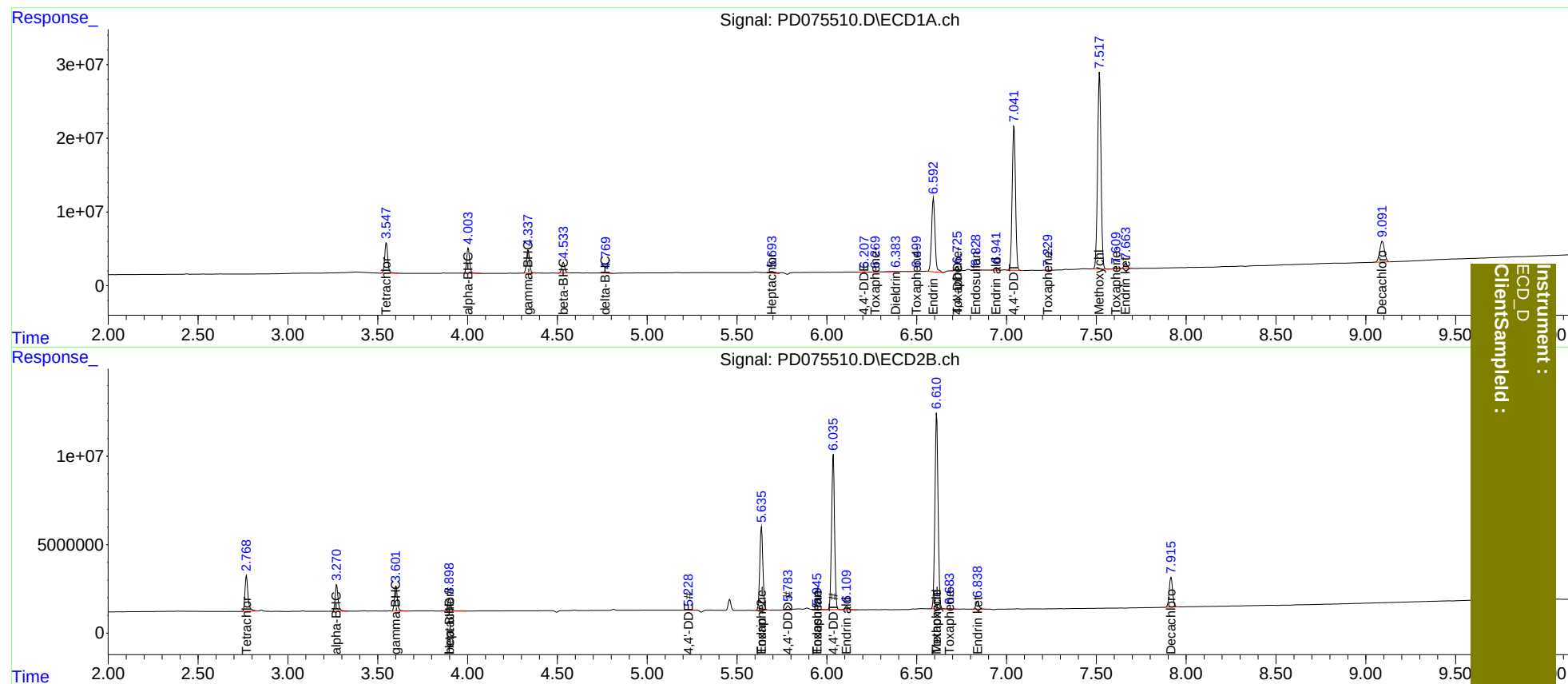
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.770  | 48473880 | 23873445 | 21.253  | 22.634     |
| 27)                         | SA Decachlor... | 9.092  | 7.916  | 52214532 | 22263431 | 21.099  | 23.575     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.272  | 38833701 | 16926719 | 10.098  | 10.928     |
| 3)                          | MA gamma-BHC... | 4.338  | 3.602  | 36829971 | 15913292 | 10.245  | 10.826     |
| 4)                          | MA Heptachlor   | 4.916  | 3.899f | 46744    | 8188442  | <MDL    | 5.604 #    |
| 5)                          | MB Aldrin       | 5.275  | 0.000  | 53885    | 0        | <MDL    | N.D. #     |
| 6)                          | B beta-BHC      | 4.534  | 3.899  | 17081163 | 8188442  | 10.406  | 11.246     |
| 7)                          | B delta-BHC     | 4.767  | 0.000  | 1303176  | 0        | 0.386   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.695  | 0.000  | 5324557  | 0        | 1.571   | N.D. #     |
| 9)                          | A Endosulfan I  | 6.117  | 0.000  | 255969   | 0        | <MDL    | N.D. #     |
| 10)                         | B trans-Chl...  | 5.958  | 0.000  | 11788    | 0        | <MDL    | N.D. #     |
| 11)                         | B cis-Chlor...  | 6.002f | 0.000  | 99313    | 0        | <MDL    | N.D. #     |
| 12)                         | B 4,4'-DDE      | 6.209  | 5.229  | 415373   | 187877   | 0.127   | 0.146      |
| 13)                         | MA Dieldrin     | 6.385  | 0.000  | 478265   | 0        | 0.140   | N.D. #     |
| 14)                         | MA Endrin       | 6.594  | 5.637  | 133.8E6  | 56463547 | 46.282  | 46.422     |
| 15)                         | B Endosulfa...  | 6.830  | 5.946  | 1505395  | 229516   | 0.467   | 0.179 #    |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.784  | 6257279  | 2460278  | 2.589   | 2.482      |
| 17)                         | MA 4,4'-DDT     | 7.042  | 6.036  | 251.1E6  | 101.6E6  | 98.937  | 100.845    |
| 18)                         | B Endrin al...  | 6.943  | 6.111  | 4912092  | 2538447  | 2.076   | 2.500      |
| 19)                         | B Endosulfa...  | 7.231f | 0.000  | 44962    | 0        | <MDL    | N.D. #     |
| 20)                         | A Methoxychlor  | 7.518  | 6.612  | 352.4E6  | 134.8E6  | 239.895 | 235.256    |
| 21)                         | B Endrin ke...  | 7.665  | 6.839  | 8814465  | 5346361  | 2.908   | 4.055 #    |
| 22)                         | Toxaphene-1     | 6.270  | 0.000  | 222263   | 0        | 9.661   | N.D. #     |
| 23)                         | Toxaphene-2     | 6.500  | 5.637f | 96776    | 56463547 | 3.243   | 7071.390 # |
| 24)                         | Toxaphene-3     | 6.727f | 5.946  | 6257279  | 229516   | 296.640 | 26.196 #   |
| 25)                         | Toxaphene-4     | 7.231f | 6.612  | 44962    | 134.8E6  | 0.690   | 5322.393 # |
| 26)                         | Toxaphene-5     | 7.611  | 6.684f | 977425   | 71133    | 20.603  | 1.959 #    |
| -----                       |                 |        |        |          |          |         |            |

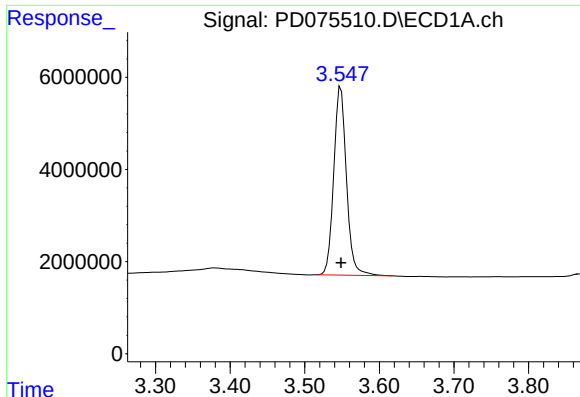
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051623\  
Data File : PD075510.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2023 09:32  
Operator : AR\AJ  
Sample : PEM083  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 21:32:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu May 04 02:14:07 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

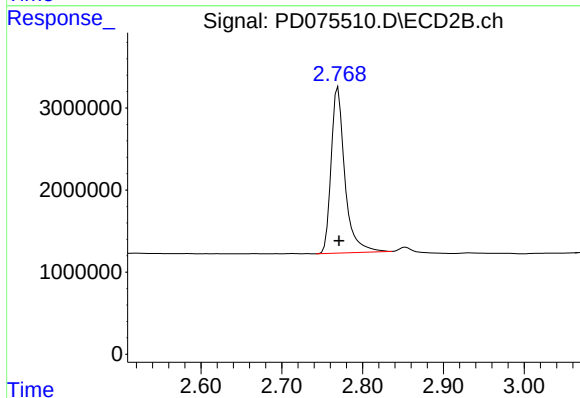




#1 Tetrachloro-m-xylene

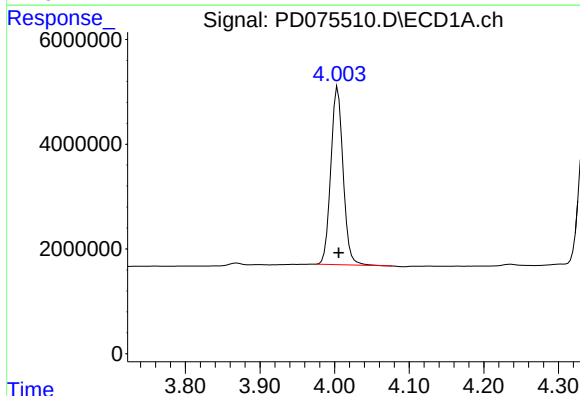
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 48473880  
Conc: 21.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



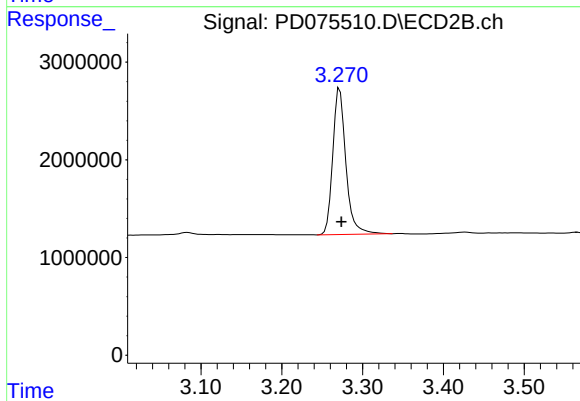
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: -0.001 min  
Response: 23873445  
Conc: 22.63 ng/ml



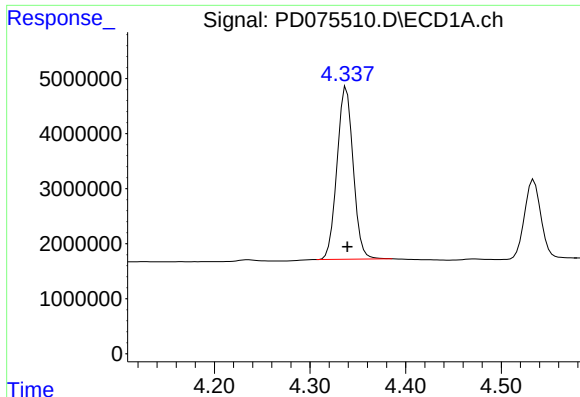
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 38833701  
Conc: 10.10 ng/ml



#2 alpha-BHC

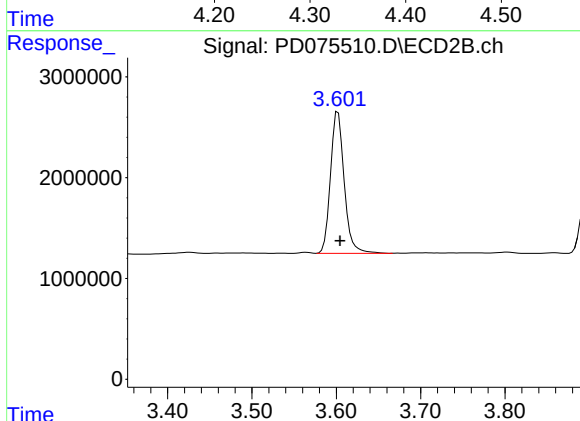
R.T.: 3.272 min  
Delta R.T.: -0.002 min  
Response: 16926719  
Conc: 10.93 ng/ml



#3 gamma-BHC (Lindane)

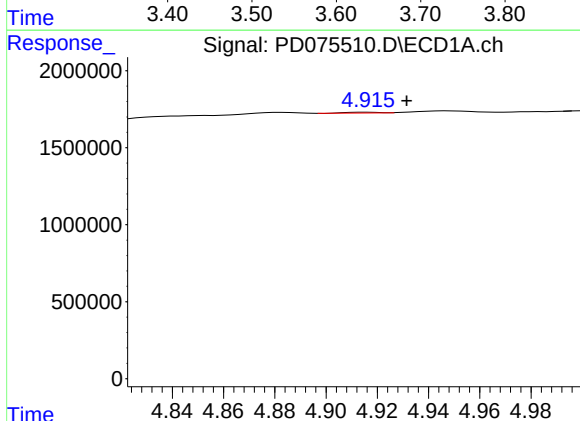
R.T.: 4.338 min  
Delta R.T.: -0.001 min  
Response: 36829971  
Conc: 10.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



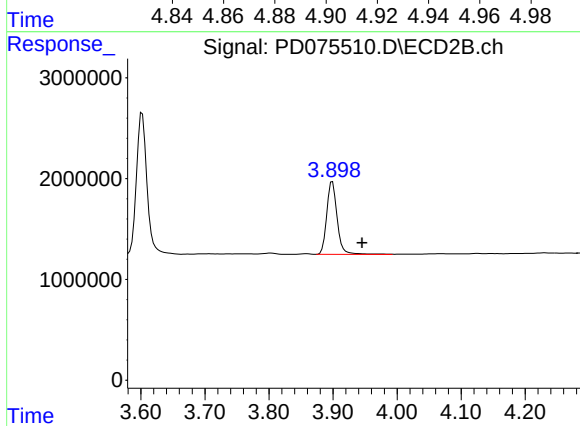
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: -0.002 min  
Response: 15913292  
Conc: 10.83 ng/ml



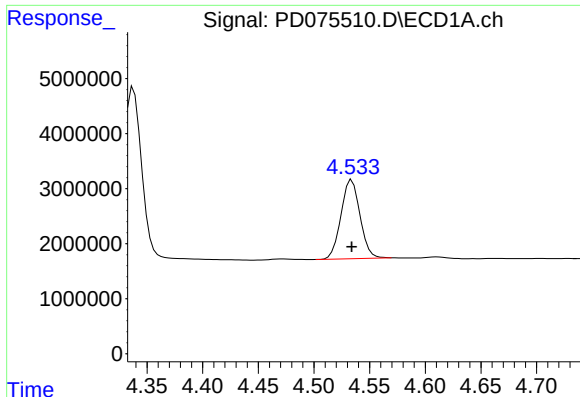
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: -0.015 min  
Response: 46744  
Conc: N.D.



#4 Heptachlor

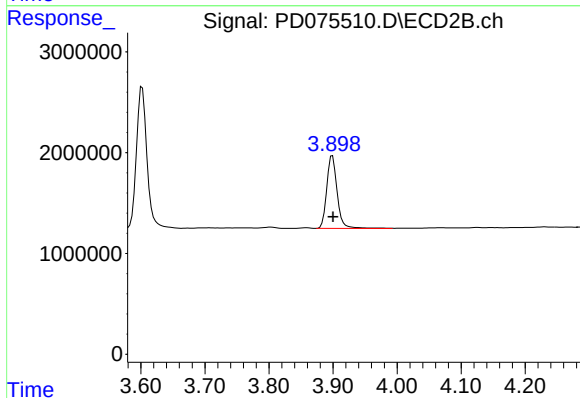
R.T.: 3.899 min  
Delta R.T.: -0.046 min  
Response: 8188442  
Conc: 5.60 ng/ml



#6 beta-BHC

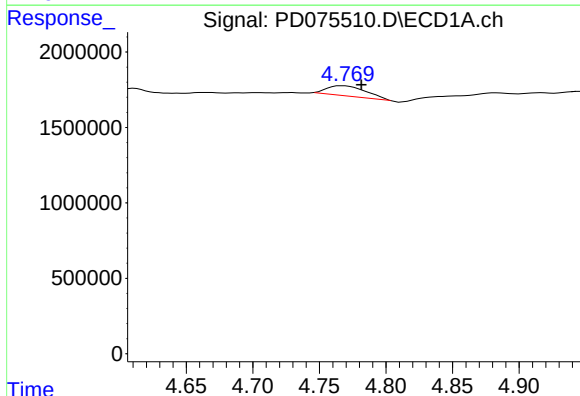
R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 17081163  
Conc: 10.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



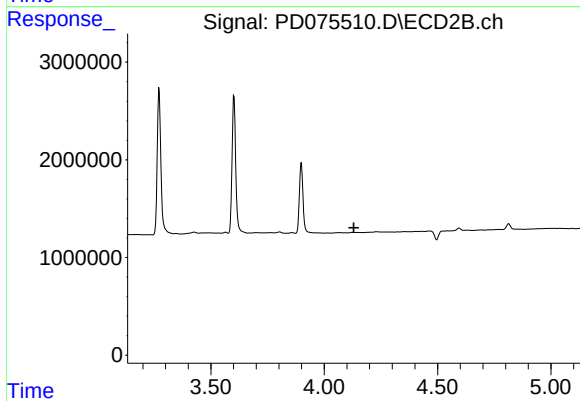
#6 beta-BHC

R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 8188442  
Conc: 11.25 ng/ml



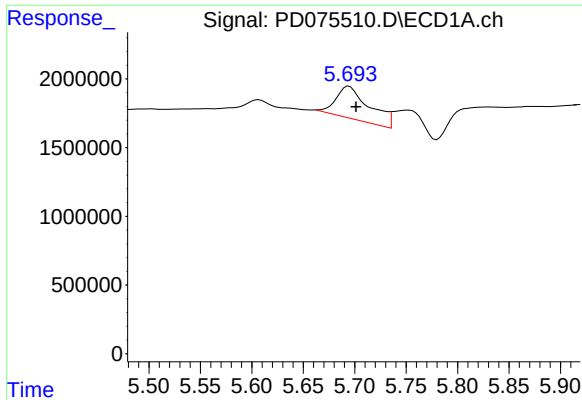
#7 delta-BHC

R.T.: 4.767 min  
Delta R.T.: -0.014 min  
Response: 1303176  
Conc: 0.39 ng/ml



#7 delta-BHC

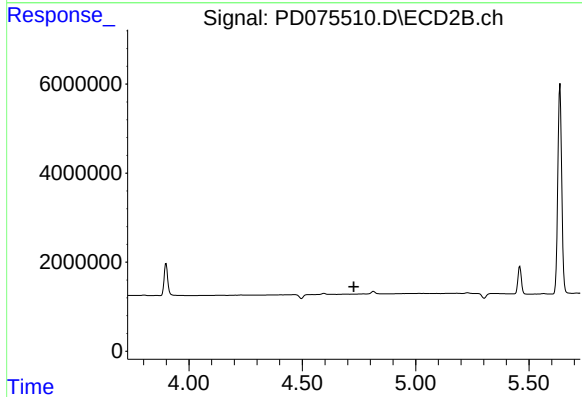
R.T.: 0.000 min  
Exp R.T. : 4.130 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

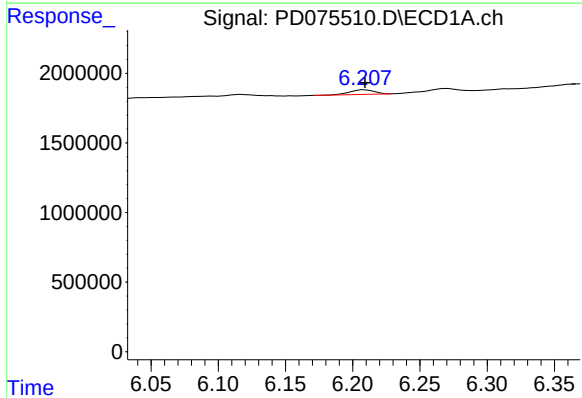
R.T.: 5.695 min  
Delta R.T.: -0.007 min  
Response: 5324557  
Conc: 1.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



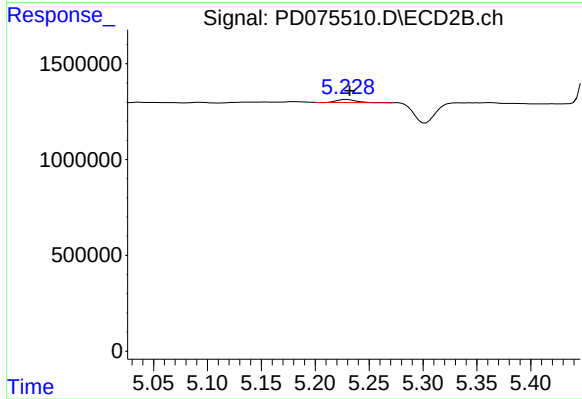
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.728 min  
Response: 0  
Conc: N.D.



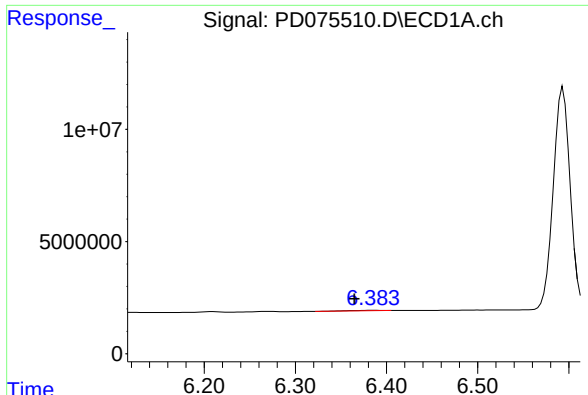
#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 415373  
Conc: 0.13 ng/ml



#12 4,4'-DDE

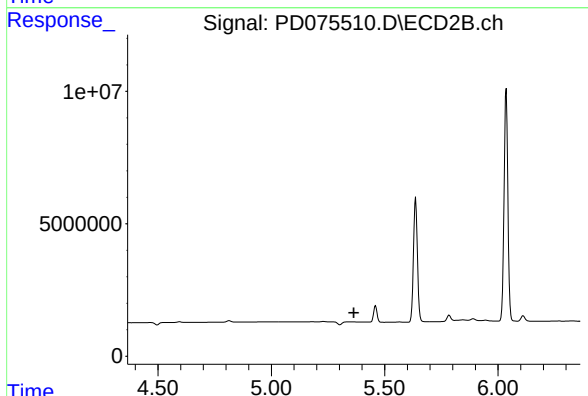
R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 187877  
Conc: 0.15 ng/ml



#13 Dieldrin

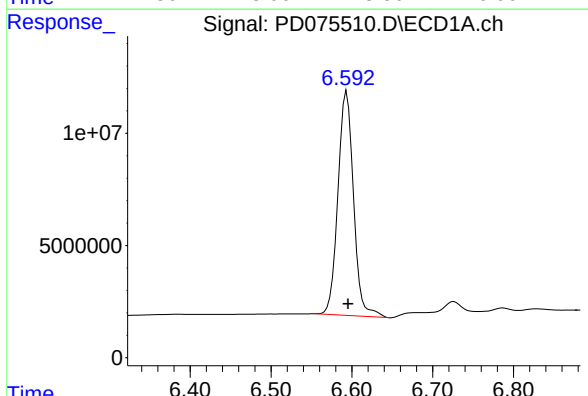
R.T.: 6.385 min  
Delta R.T.: 0.020 min  
Response: 478265  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



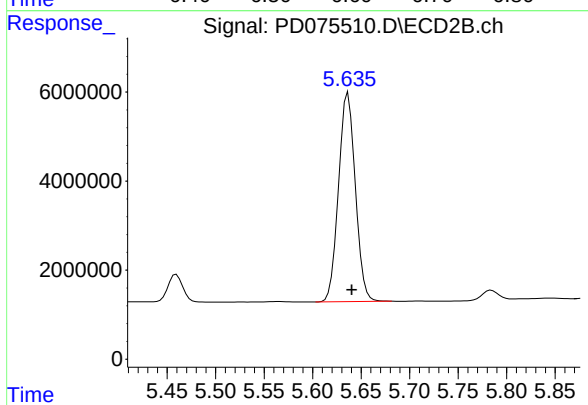
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.364 min  
Response: 0  
Conc: N.D.



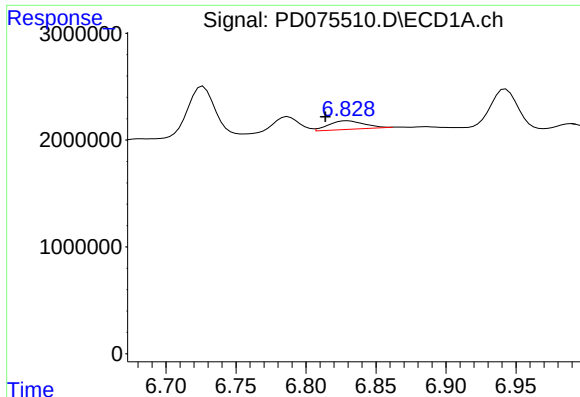
#14 Endrin

R.T.: 6.594 min  
Delta R.T.: -0.002 min  
Response: 133839002  
Conc: 46.28 ng/ml



#14 Endrin

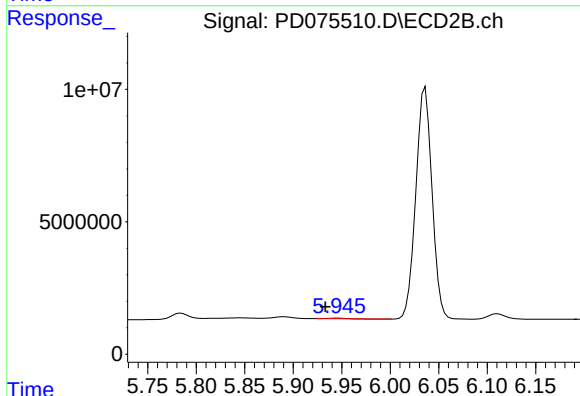
R.T.: 5.637 min  
Delta R.T.: -0.004 min  
Response: 56463547  
Conc: 46.42 ng/ml



#15 Endosulfan II

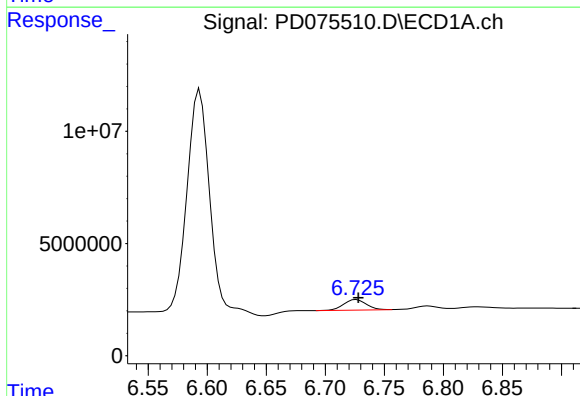
R.T.: 6.830 min  
Delta R.T.: 0.016 min  
Response: 1505395  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



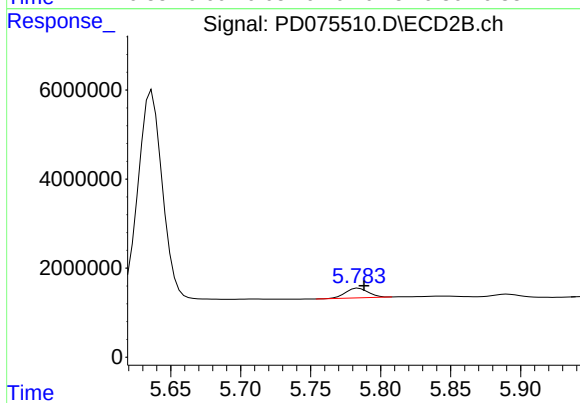
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: 0.012 min  
Response: 229516  
Conc: 0.18 ng/ml



#16 4,4'-DDD

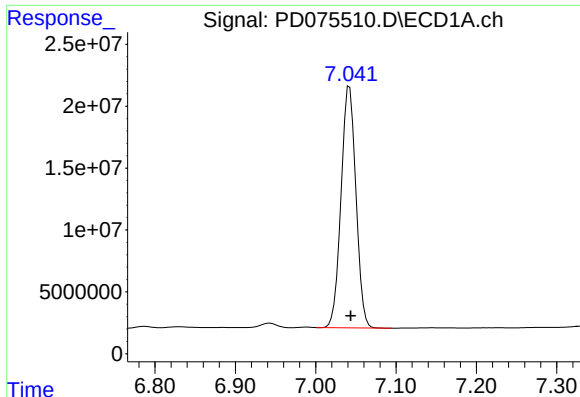
R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 6257279  
Conc: 2.59 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: -0.004 min  
Response: 2460278  
Conc: 2.48 ng/ml

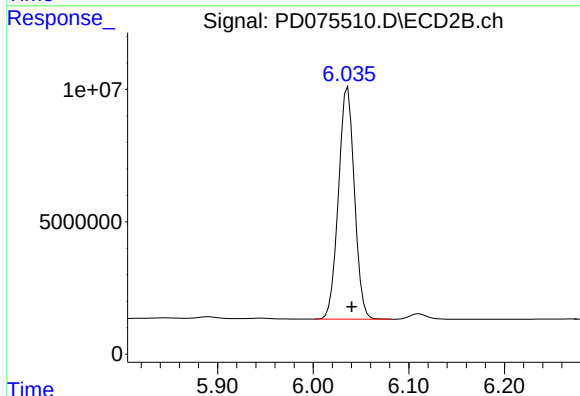




#17 4,4'-DDT

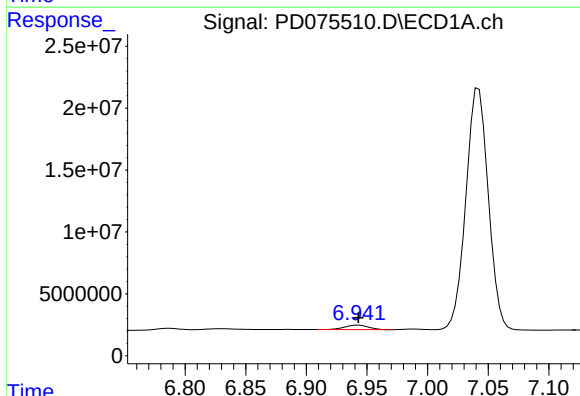
R.T.: 7.042 min  
Delta R.T.: -0.002 min  
Response: 251126984  
Conc: 98.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



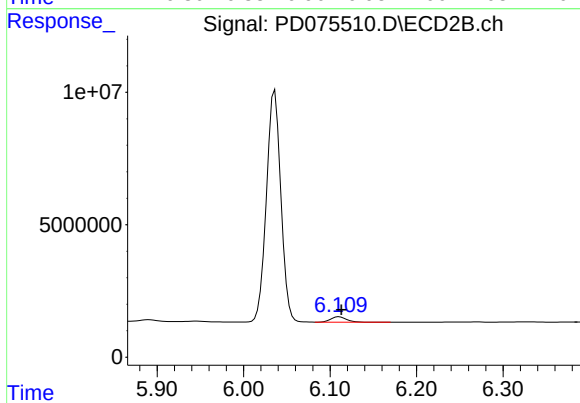
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.004 min  
Response: 101638462  
Conc: 100.84 ng/ml



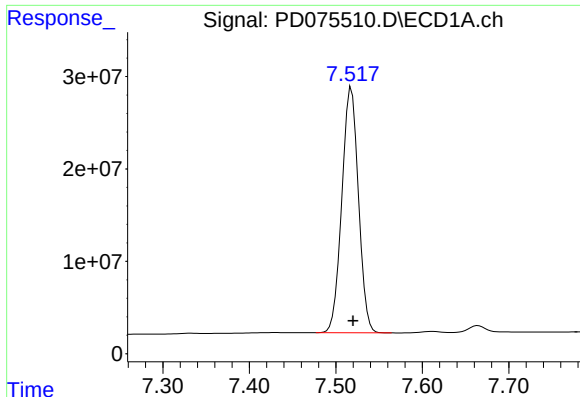
#18 Endrin aldehyde

R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 4912092  
Conc: 2.08 ng/ml



#18 Endrin aldehyde

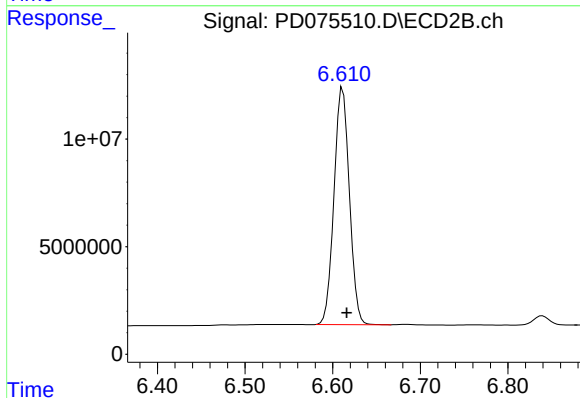
R.T.: 6.111 min  
Delta R.T.: -0.002 min  
Response: 2538447  
Conc: 2.50 ng/ml



#20 Methoxychlor

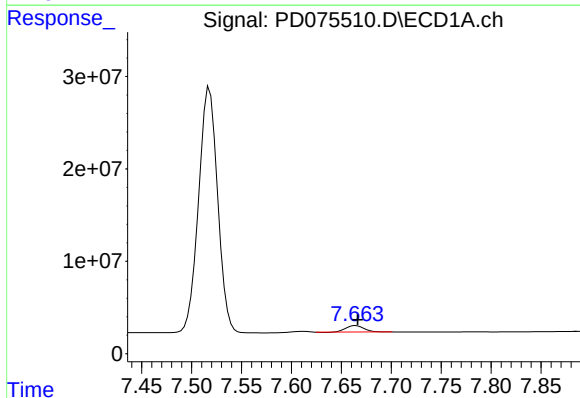
R.T.: 7.518 min  
Delta R.T.: -0.002 min  
Response: 352388872  
Conc: 239.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



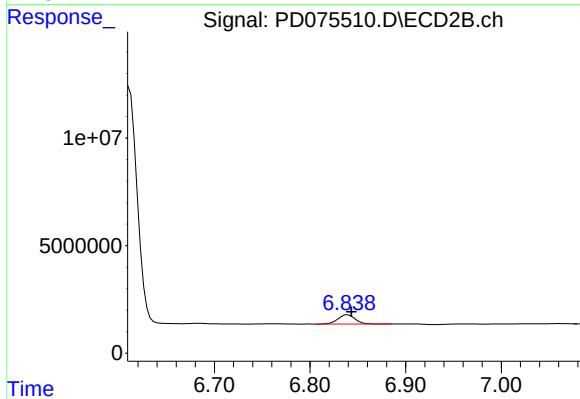
#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: -0.005 min  
Response: 134750888  
Conc: 235.26 ng/ml



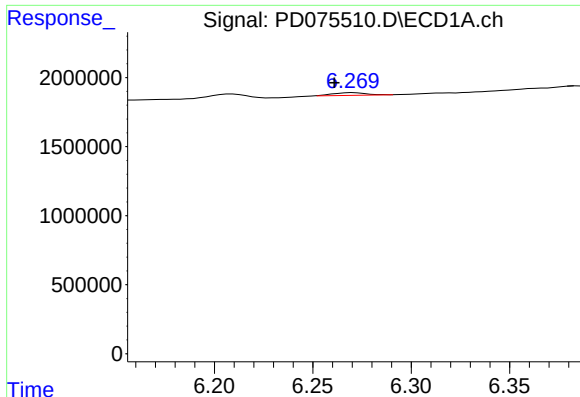
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 8814465  
Conc: 2.91 ng/ml



#21 Endrin ketone

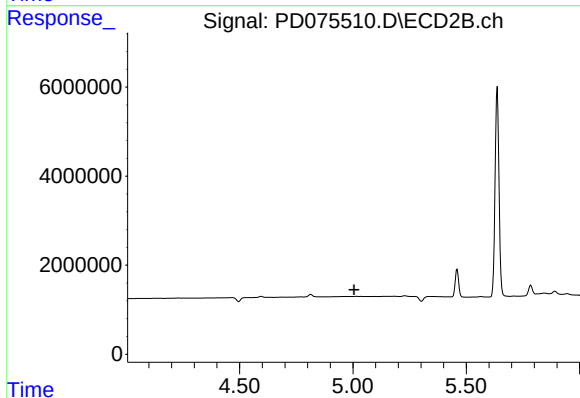
R.T.: 6.839 min  
Delta R.T.: -0.004 min  
Response: 5346361  
Conc: 4.05 ng/ml



#22 Toxaphene-1

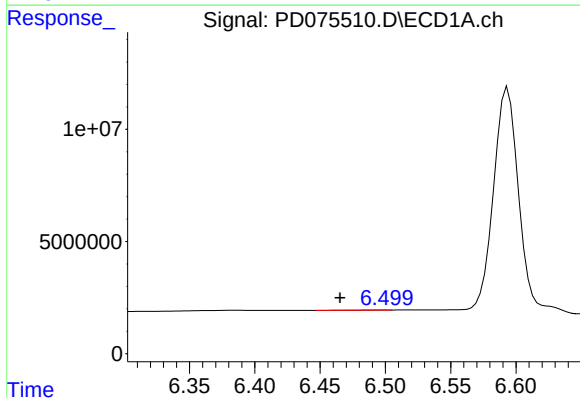
R.T.: 6.270 min  
Delta R.T.: 0.009 min  
Response: 222263  
Conc: 9.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



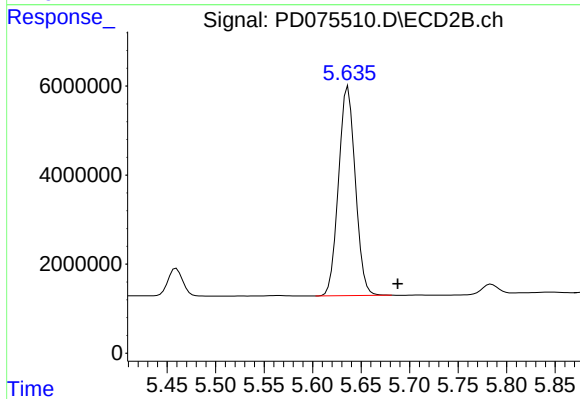
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.005 min  
Response: 0  
Conc: N.D.



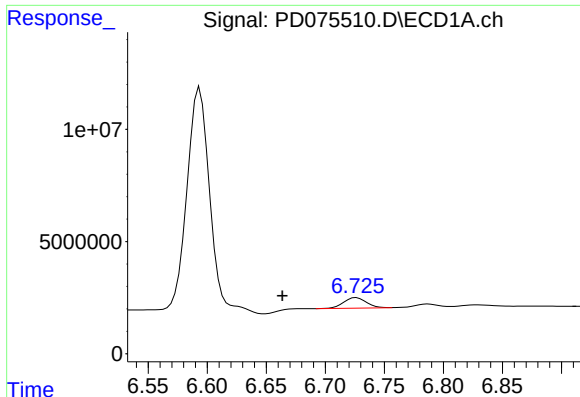
#23 Toxaphene-2

R.T.: 6.500 min  
Delta R.T.: 0.035 min  
Response: 96776  
Conc: 3.24 ng/ml



#23 Toxaphene-2

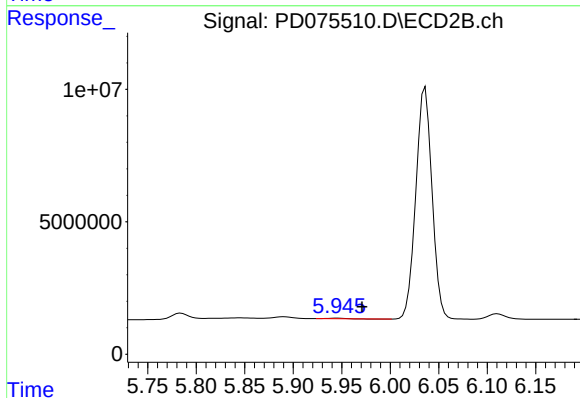
R.T.: 5.637 min  
Delta R.T.: -0.051 min  
Response: 56463547  
Conc: 7071.39 ng/ml



#24 Toxaphene-3

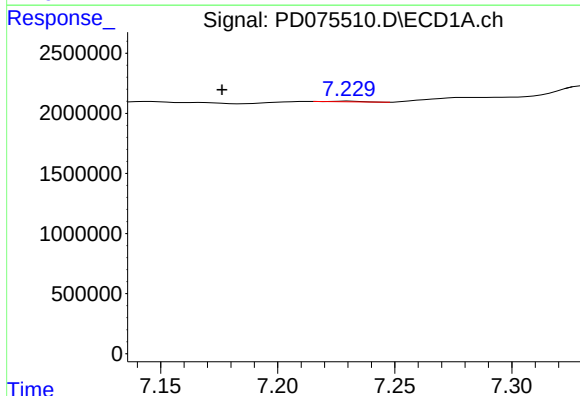
R.T.: 6.727 min  
Delta R.T.: 0.063 min  
Response: 6257279  
Conc: 296.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



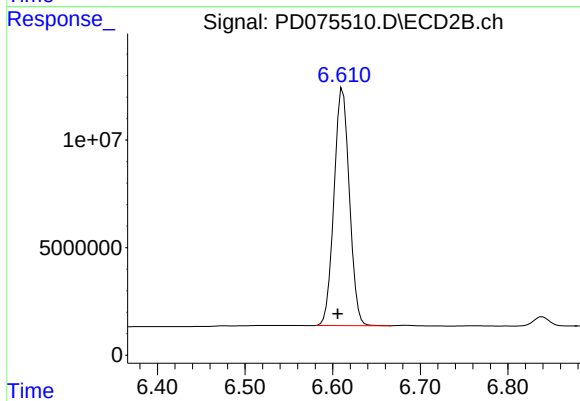
#24 Toxaphene-3

R.T.: 5.946 min  
Delta R.T.: -0.026 min  
Response: 229516  
Conc: 26.20 ng/ml



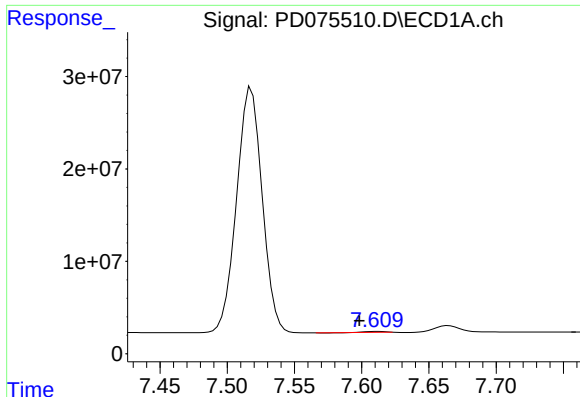
#25 Toxaphene-4

R.T.: 7.231 min  
Delta R.T.: 0.054 min  
Response: 44962  
Conc: 0.69 ng/ml



#25 Toxaphene-4

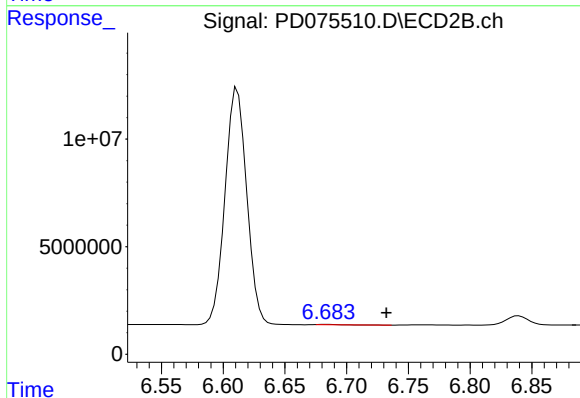
R.T.: 6.612 min  
Delta R.T.: 0.006 min  
Response: 134750888  
Conc: 5322.39 ng/ml



#26 Toxaphene-5

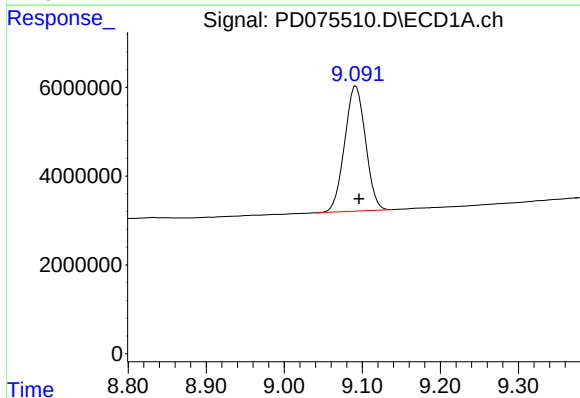
R.T.: 7.611 min  
Delta R.T.: 0.013 min  
Response: 977425  
Conc: 20.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



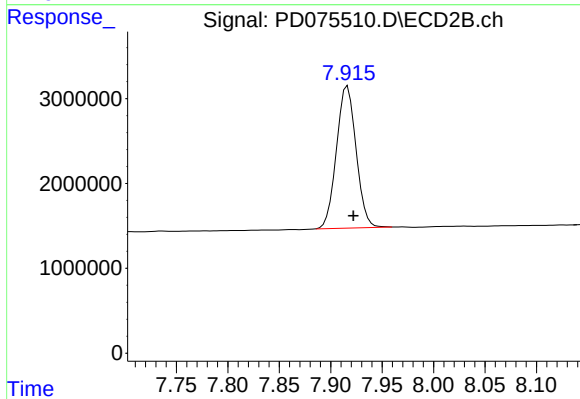
#26 Toxaphene-5

R.T.: 6.684 min  
Delta R.T.: -0.048 min  
Response: 71133  
Conc: 1.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: -0.004 min  
Response: 52214532  
Conc: 21.10 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: -0.006 min  
Response: 22263431  
Conc: 23.57 ng/ml