

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072123\  
 Data File : PD076939.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2023 10:19  
 Operator : AR\AJ  
 Sample : INDA456  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 21:17:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 14:58:34 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

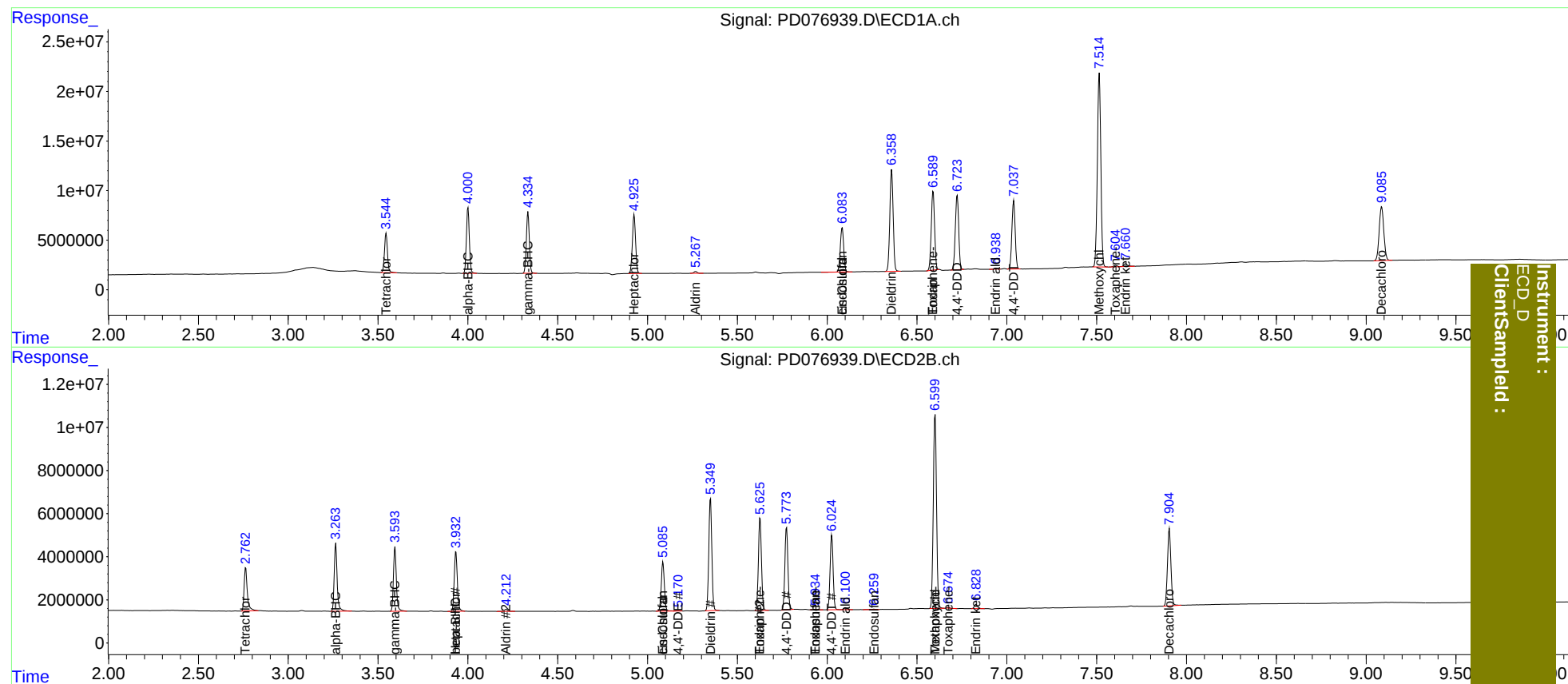
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.545  | 2.764  | 45893423 | 24569847 | 21.573   | 23.018   |
| 27)                         | SA Decachlor... | 9.087  | 7.905  | 97287835 | 47808028 | 40.045   | 44.598   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.001  | 3.265  | 76058143 | 35752034 | 21.458   | 22.594   |
| 3)                          | MA gamma-BHC... | 4.335  | 3.595  | 70643272 | 33462614 | 21.297   | 22.336   |
| 4)                          | MA Heptachlor   | 4.926  | 3.934  | 73487480 | 33024736 | 21.139   | 22.087   |
| 5)                          | MB Aldrin       | 5.268  | 4.214  | 2340567  | 1188570  | 0.684    | 0.790    |
| 6)                          | B beta-BHC      | 0.000  | 3.934f | 0        | 33024736 | N.D.     | 46.099   |
| 9)                          | A Endosulfan I  | 6.084  | 5.086  | 59059112 | 27333537 | 20.736   | 22.061   |
| 11)                         | B cis-Chlor...  | 6.084f | 5.086f | 59059112 | 27333537 | 18.629   | 19.374   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.171f | 0        | 180707   | N.D.     | 0.150    |
| 13)                         | MA Dieldrin     | 6.359  | 5.351  | 132.1E6  | 61423371 | 41.857   | 44.046   |
| 14)                         | MA Endrin       | 6.590  | 5.627  | 102.3E6  | 51233702 | 39.669   | 41.431   |
| 15)                         | B Endosulfa...  | 0.000  | 5.935  | 0        | 323928   | N.D.     | 0.269    |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.774  | 98037211 | 45069425 | 43.387   | 47.557   |
| 17)                         | MA 4,4'-DDT     | 7.039  | 6.026  | 87763092 | 40291078 | 39.307   | 43.010   |
| 18)                         | B Endrin al...  | 6.940  | 6.102  | 1370922  | 1157665  | 0.733    | 1.380 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.261f | 0        | 280105   | N.D.     | 0.251    |
| 20)                         | A Methoxychlor  | 7.515  | 6.601  | 261.8E6  | 112.3E6  | 197.806  | 210.349  |
| 21)                         | B Endrin ke...  | 7.661  | 6.829  | 4142379  | 2479502  | 1.496    | 1.938 #  |
| 23)                         | Toxaphene-2     | 0.000  | 5.627f | 0        | 51233702 | N.D.     | 6456.078 |
| 24)                         | Toxaphene-3     | 6.590f | 5.935  | 102.3E6  | 323928   | 5281.142 | 35.328 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.601  | 0        | 112.3E6  | N.D.     | 4474.176 |
| 26)                         | Toxaphene-5     | 7.606  | 6.675f | 2101560  | 293982   | 48.397   | 7.940 #  |
| -----                       |                 |        |        |          |          |          |          |

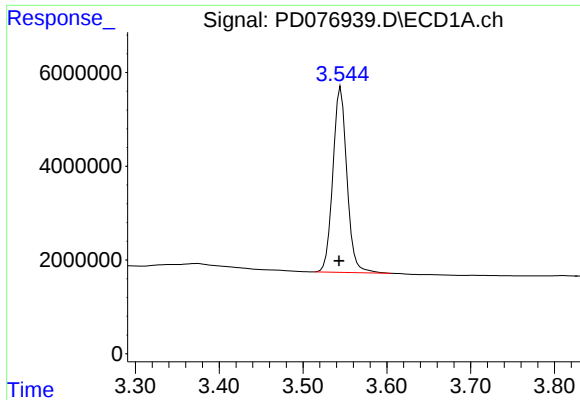
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072123\  
Data File : PD076939.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2023 10:19  
Operator : AR\AJ  
Sample : INDA456  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 21 21:17:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 14:58:34 2023  
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

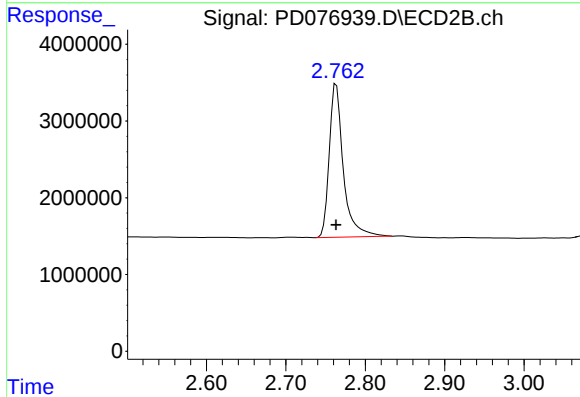




#1 Tetrachloro-m-xylene

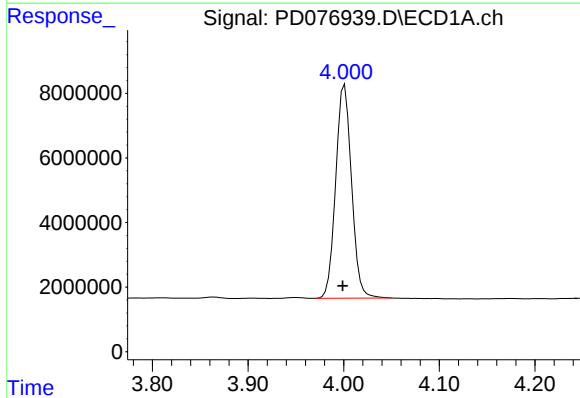
R.T.: 3.545 min  
Delta R.T.: 0.002 min  
Response: 45893423  
Conc: 21.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



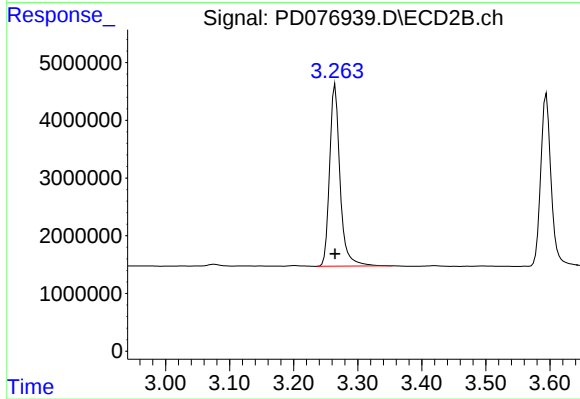
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: 0.000 min  
Response: 24569847  
Conc: 23.02 ng/ml



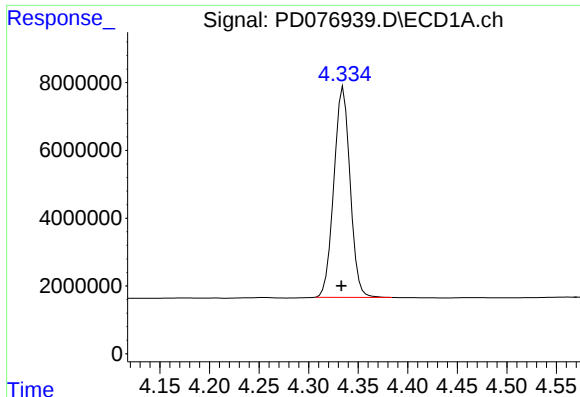
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 76058143  
Conc: 21.46 ng/ml



#2 alpha-BHC

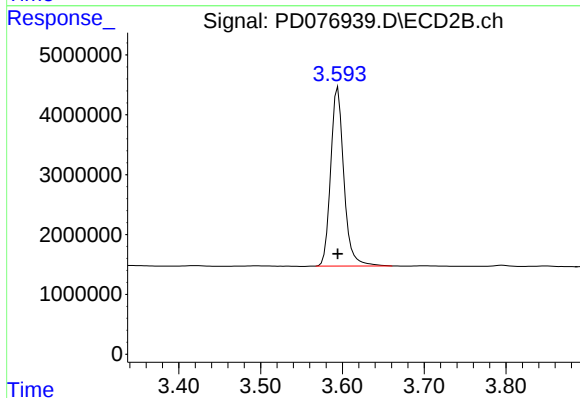
R.T.: 3.265 min  
Delta R.T.: 0.000 min  
Response: 35752034  
Conc: 22.59 ng/ml



#3 gamma-BHC (Lindane)

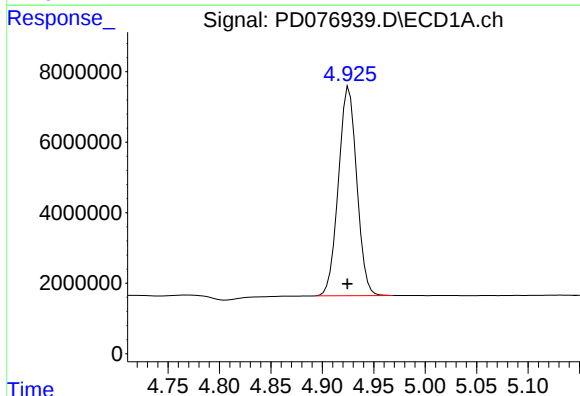
R.T.: 4.335 min  
Delta R.T.: 0.002 min  
Response: 70643272  
Conc: 21.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



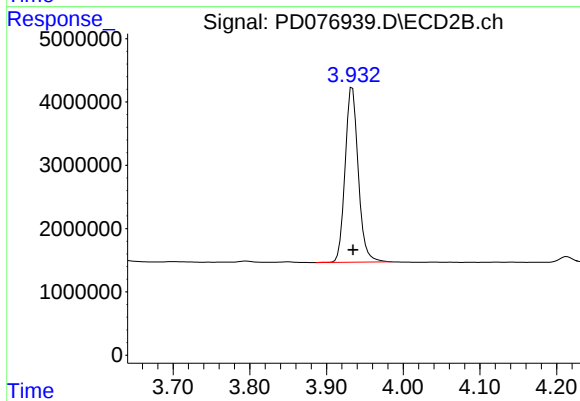
#3 gamma-BHC (Lindane)

R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 33462614  
Conc: 22.34 ng/ml



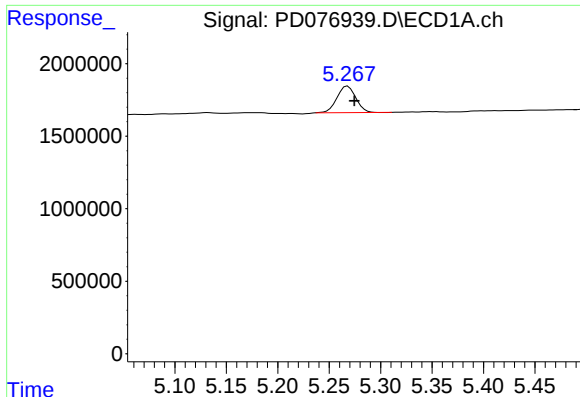
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.002 min  
Response: 73487480  
Conc: 21.14 ng/ml



#4 Heptachlor

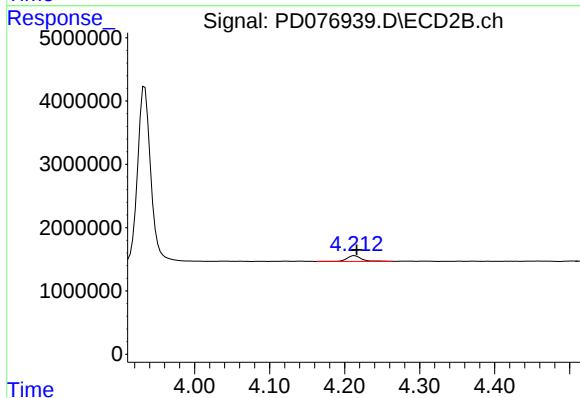
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 33024736  
Conc: 22.09 ng/ml



#5 Aldrin

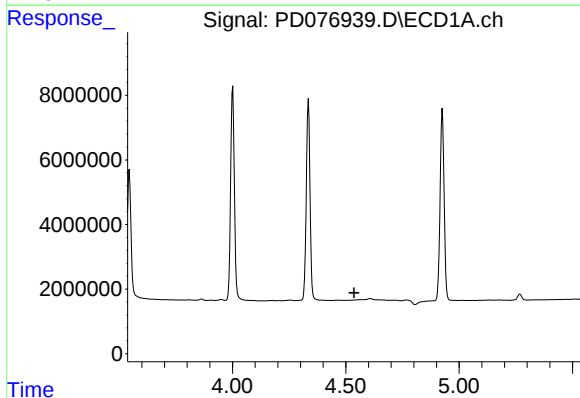
R.T.: 5.268 min  
Delta R.T.: -0.006 min  
Response: 2340567  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



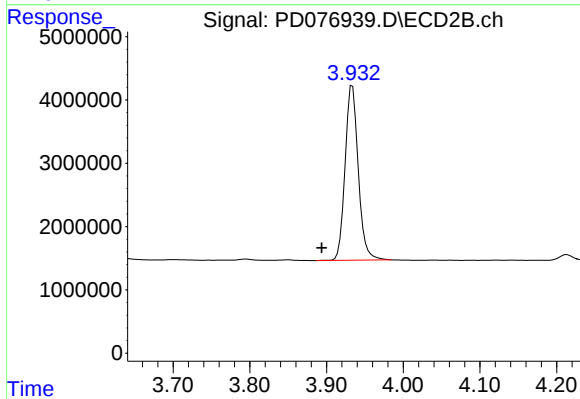
#5 Aldrin

R.T.: 4.214 min  
Delta R.T.: -0.003 min  
Response: 1188570  
Conc: 0.79 ng/ml



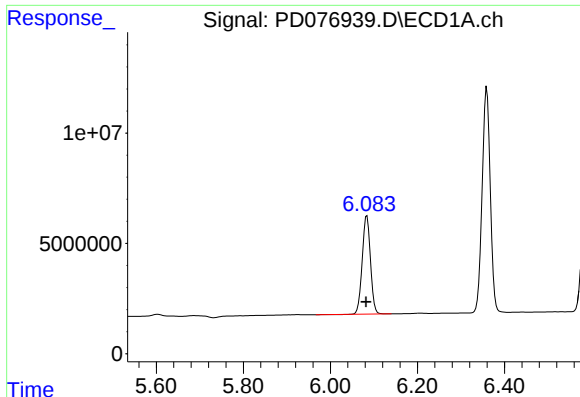
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.537 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

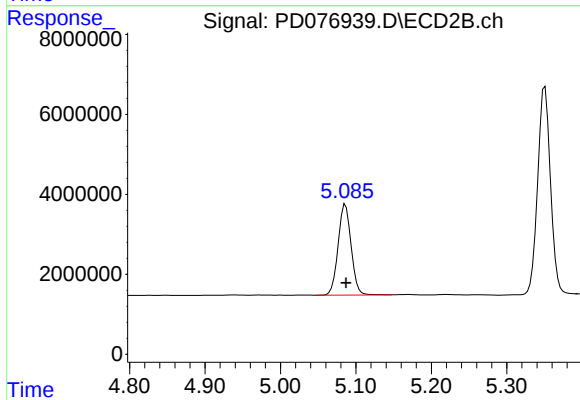
R.T.: 3.934 min  
Delta R.T.: 0.040 min  
Response: 33024736  
Conc: 46.10 ng/ml



#9 Endosulfan I

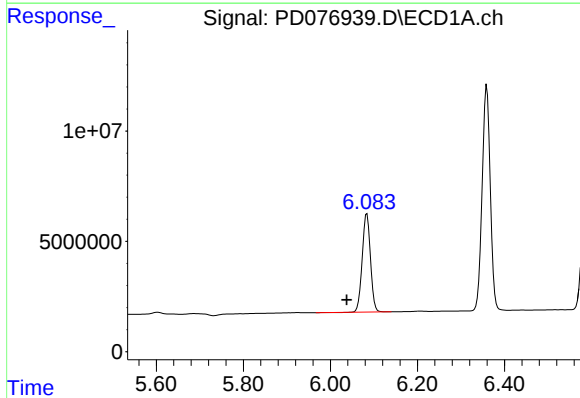
R.T.: 6.084 min  
Delta R.T.: 0.002 min  
Response: 59059112  
Conc: 20.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



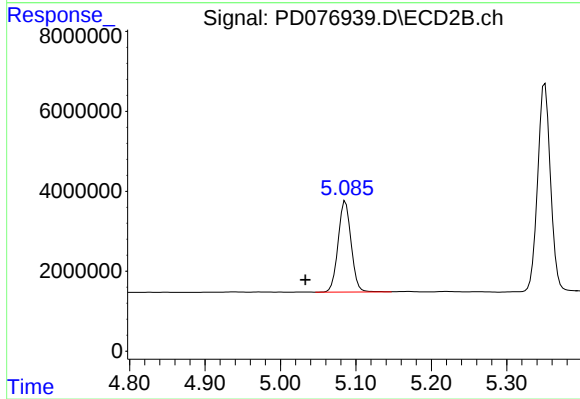
#9 Endosulfan I

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 27333537  
Conc: 22.06 ng/ml



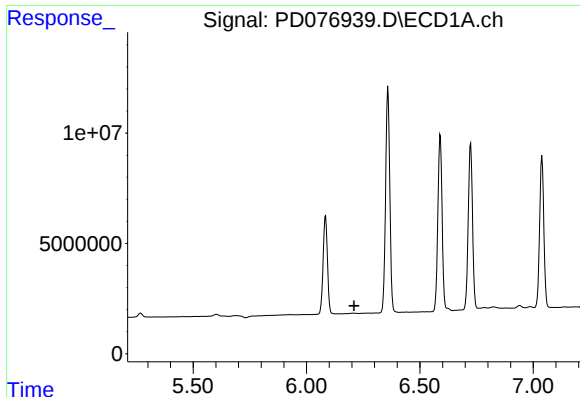
#11 cis-Chlordane

R.T.: 6.084 min  
Delta R.T.: 0.046 min  
Response: 59059112  
Conc: 18.63 ng/ml



#11 cis-Chlordane

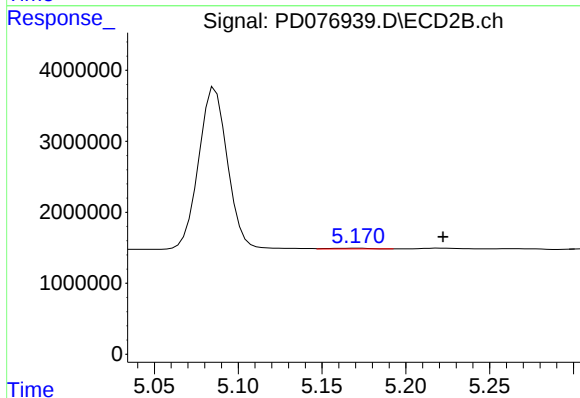
R.T.: 5.086 min  
Delta R.T.: 0.053 min  
Response: 27333537  
Conc: 19.37 ng/ml



#12 4,4'-DDE

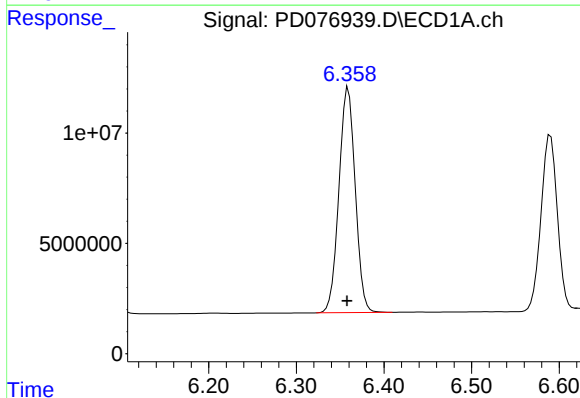
R.T.: 0.000 min  
Exp R.T.: 6.210 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



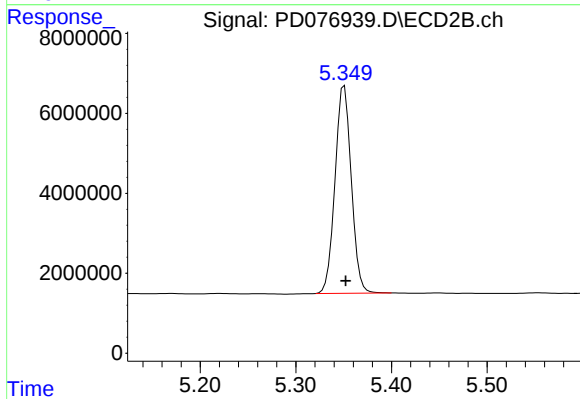
#12 4,4'-DDE

R.T.: 5.171 min  
Delta R.T.: -0.051 min  
Response: 180707  
Conc: 0.15 ng/ml



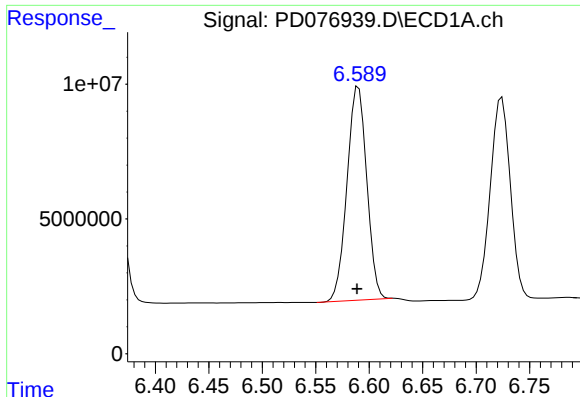
#13 Dieldrin

R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 132072266  
Conc: 41.86 ng/ml



#13 Dieldrin

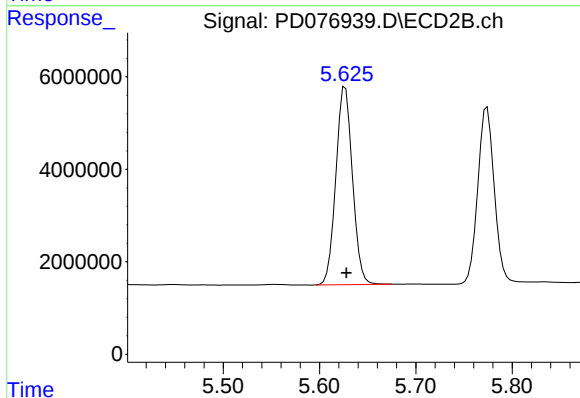
R.T.: 5.351 min  
Delta R.T.: -0.002 min  
Response: 61423371  
Conc: 44.05 ng/ml



#14 Endrin

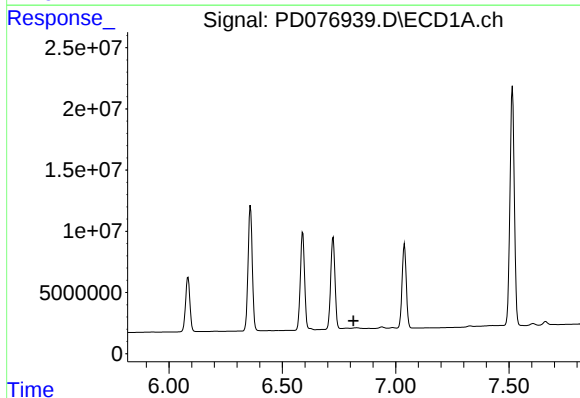
R.T.: 6.590 min  
Delta R.T.: 0.001 min  
Response: 102261010  
Conc: 39.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



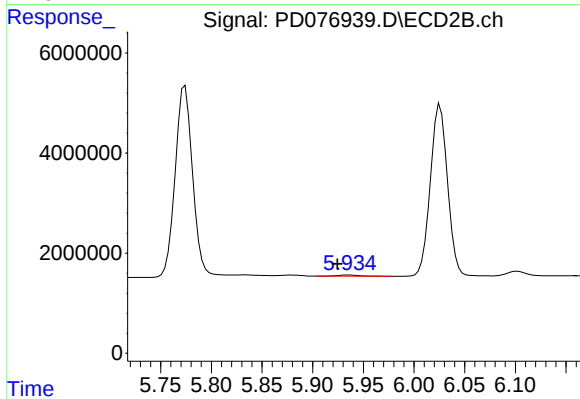
#14 Endrin

R.T.: 5.627 min  
Delta R.T.: -0.001 min  
Response: 51233702  
Conc: 41.43 ng/ml



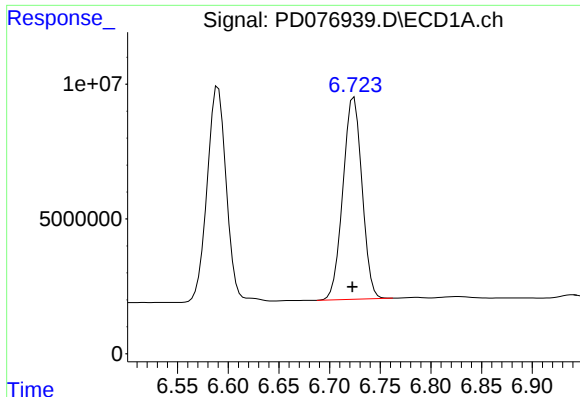
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.814 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

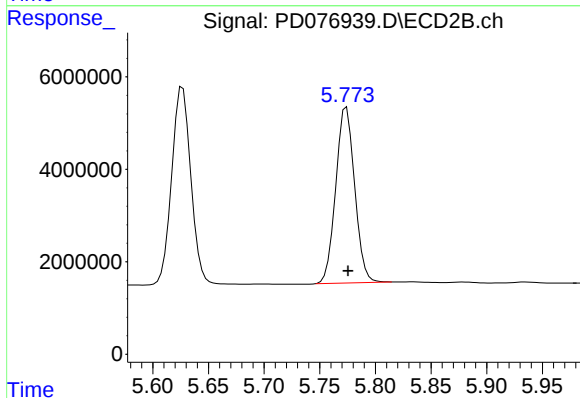
R.T.: 5.935 min  
Delta R.T.: 0.011 min  
Response: 323928  
Conc: 0.27 ng/ml



#16 4,4'-DDD

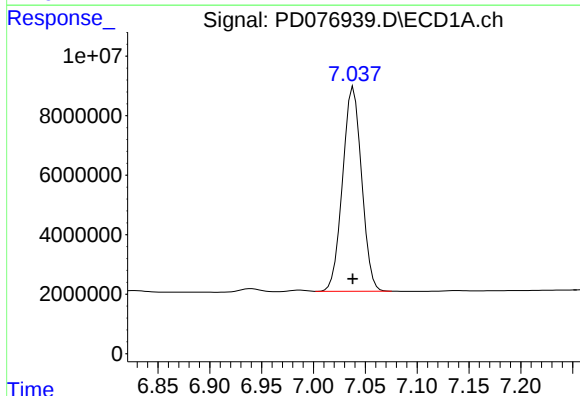
R.T.: 6.724 min  
Delta R.T.: 0.002 min  
Response: 98037211  
Conc: 43.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



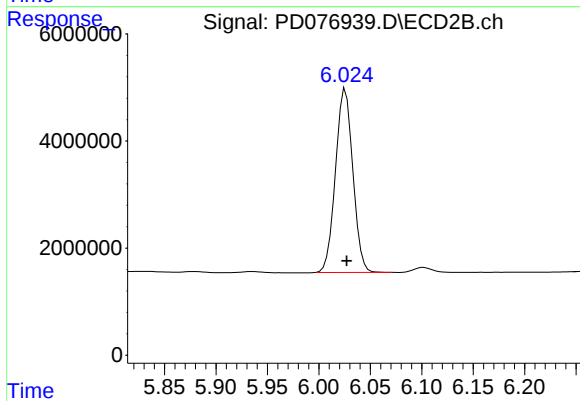
#16 4,4'-DDD

R.T.: 5.774 min  
Delta R.T.: -0.002 min  
Response: 45069425  
Conc: 47.56 ng/ml



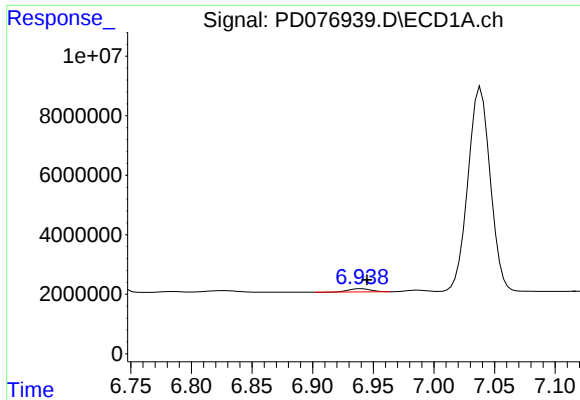
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 87763092  
Conc: 39.31 ng/ml



#17 4,4'-DDT

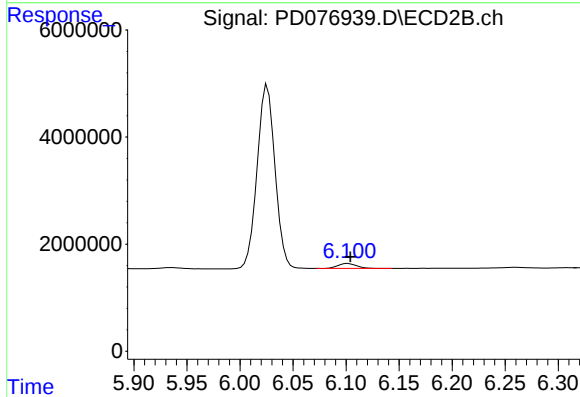
R.T.: 6.026 min  
Delta R.T.: -0.001 min  
Response: 40291078  
Conc: 43.01 ng/ml



#18 Endrin aldehyde

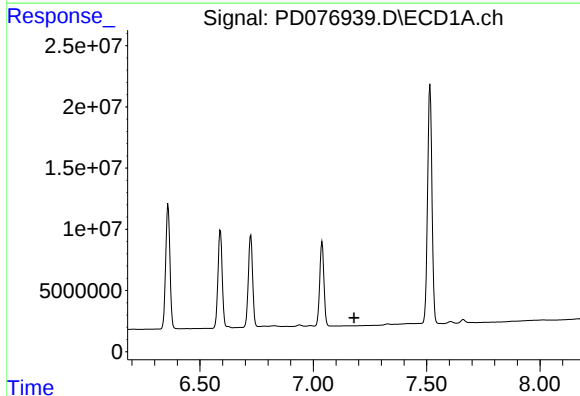
R.T.: 6.940 min  
Delta R.T.: -0.005 min  
Response: 1370922  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



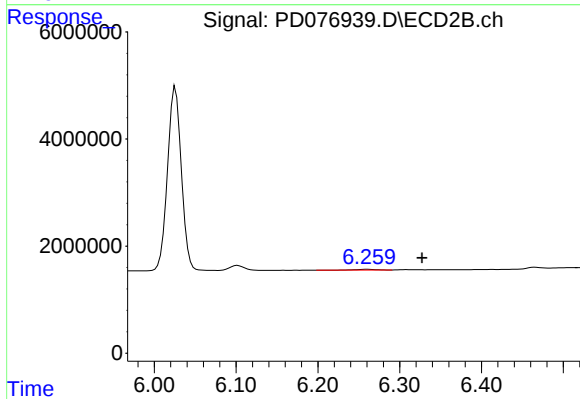
#18 Endrin aldehyde

R.T.: 6.102 min  
Delta R.T.: -0.002 min  
Response: 1157665  
Conc: 1.38 ng/ml



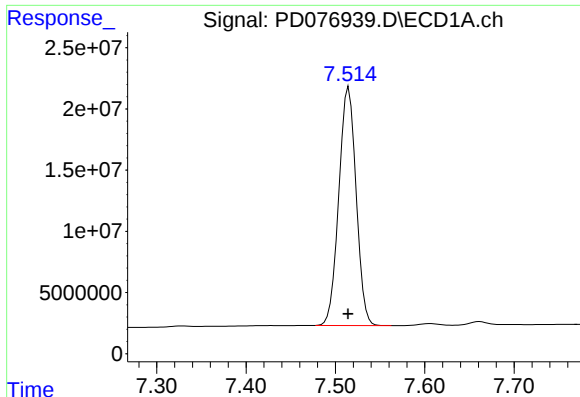
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.180 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

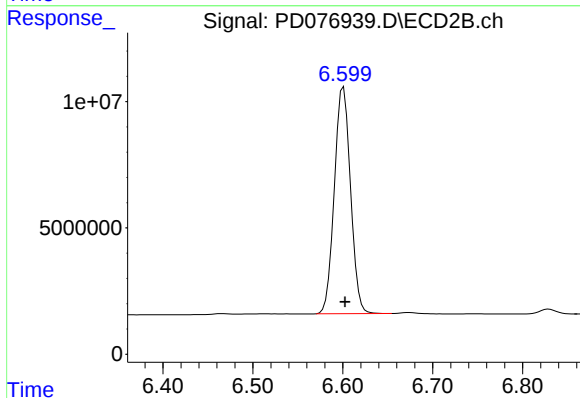
R.T.: 6.261 min  
Delta R.T.: -0.067 min  
Response: 280105  
Conc: 0.25 ng/ml



#20 Methoxychlor

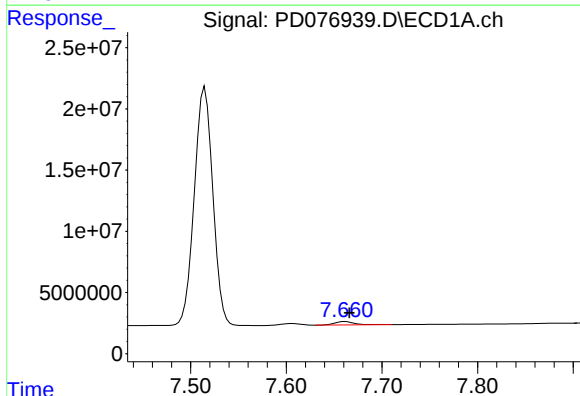
R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 261840918  
Conc: 197.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



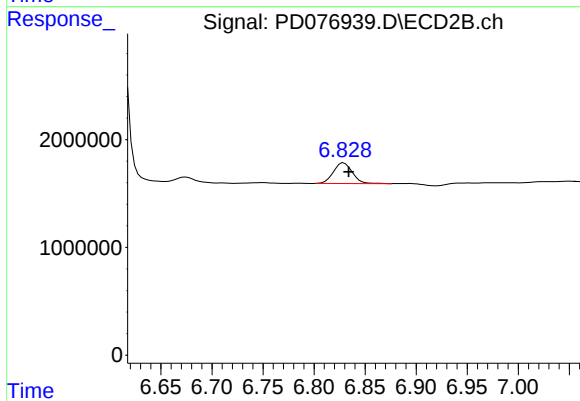
#20 Methoxychlor

R.T.: 6.601 min  
Delta R.T.: -0.002 min  
Response: 112255545  
Conc: 210.35 ng/ml



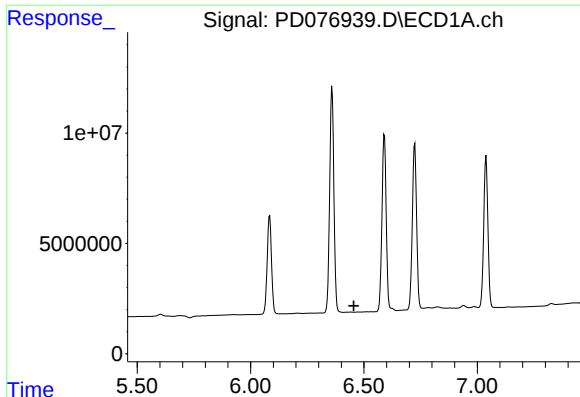
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: -0.005 min  
Response: 4142379  
Conc: 1.50 ng/ml



#21 Endrin ketone

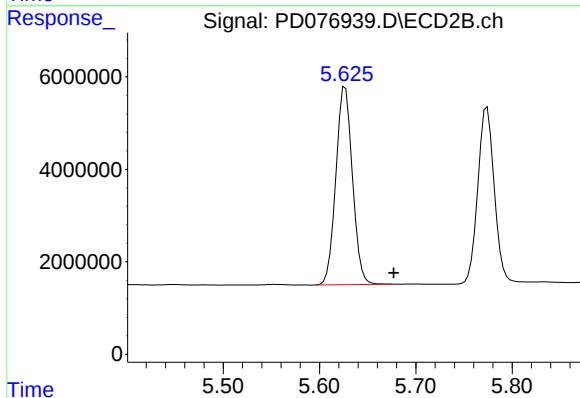
R.T.: 6.829 min  
Delta R.T.: -0.005 min  
Response: 2479502  
Conc: 1.94 ng/ml



#23 Toxaphene-2

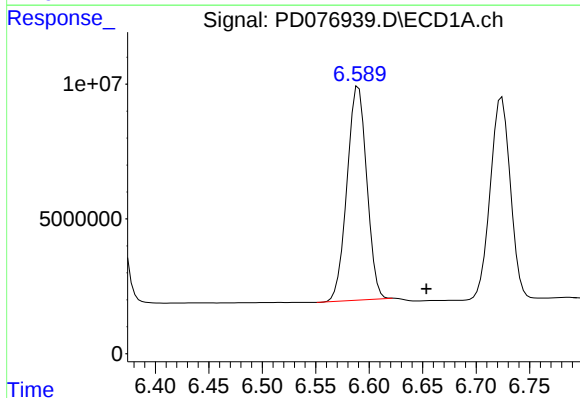
R.T.: 0.000 min  
Exp R.T.: 6.455 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



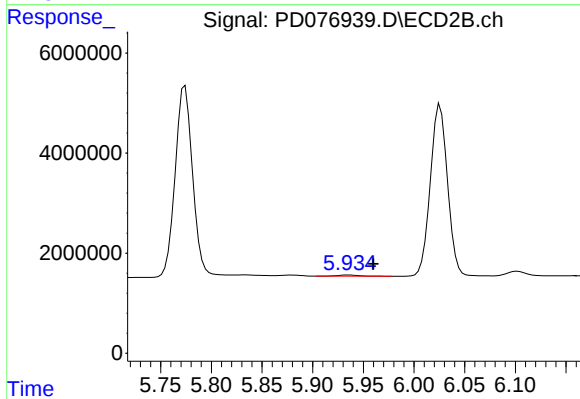
#23 Toxaphene-2

R.T.: 5.627 min  
Delta R.T.: -0.050 min  
Response: 51233702  
Conc: 6456.08 ng/ml



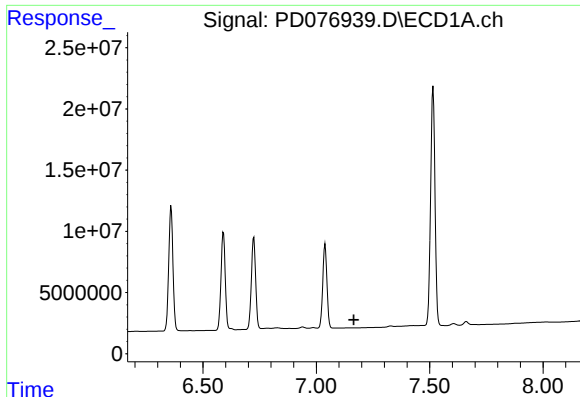
#24 Toxaphene-3

R.T.: 6.590 min  
Delta R.T.: -0.063 min  
Response: 102261010  
Conc: 5281.14 ng/ml



#24 Toxaphene-3

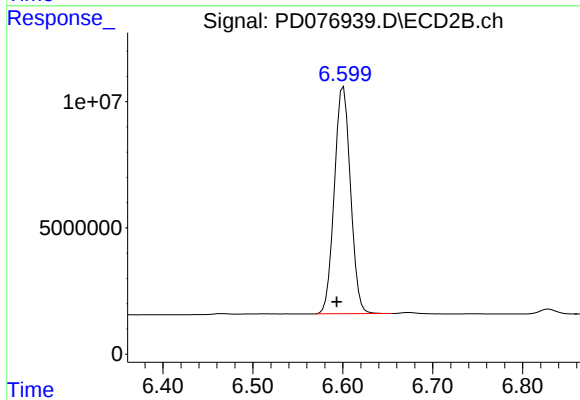
R.T.: 5.935 min  
Delta R.T.: -0.025 min  
Response: 323928  
Conc: 35.33 ng/ml



#25 Toxaphene-4

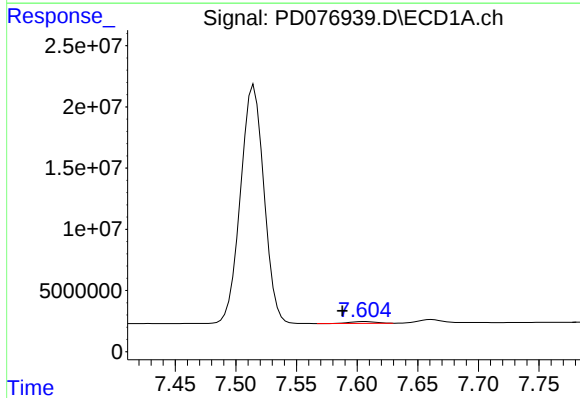
R.T.: 0.000 min  
Exp R.T.: 7.165 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



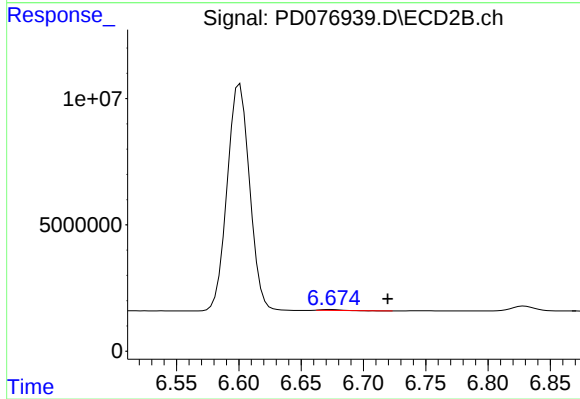
#25 Toxaphene-4

R.T.: 6.601 min  
Delta R.T.: 0.008 min  
Response: 11225545  
Conc: 4474.18 ng/ml



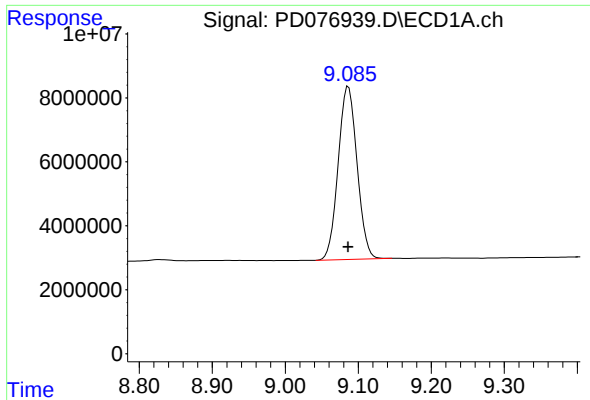
#26 Toxaphene-5

R.T.: 7.606 min  
Delta R.T.: 0.018 min  
Response: 2101560  
Conc: 48.40 ng/ml



#26 Toxaphene-5

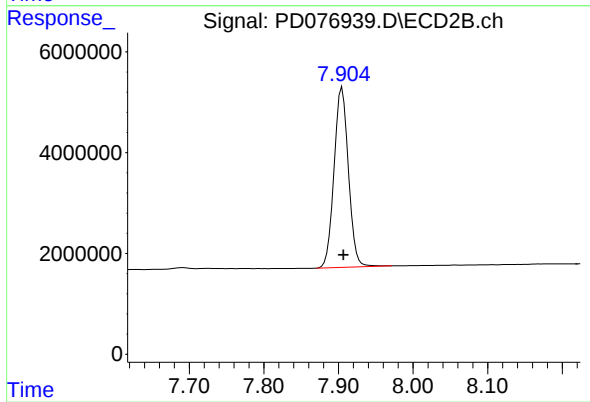
R.T.: 6.675 min  
Delta R.T.: -0.045 min  
Response: 293982  
Conc: 7.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: 0.000 min  
Response: 97287835  
Conc: 40.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.905 min  
Delta R.T.: -0.002 min  
Response: 47808028  
Conc: 44.60 ng/ml