

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
 Data File : PD076727.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2023 03:51  
 Operator : AR\AJ  
 Sample : INDA447  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 06:51:05 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

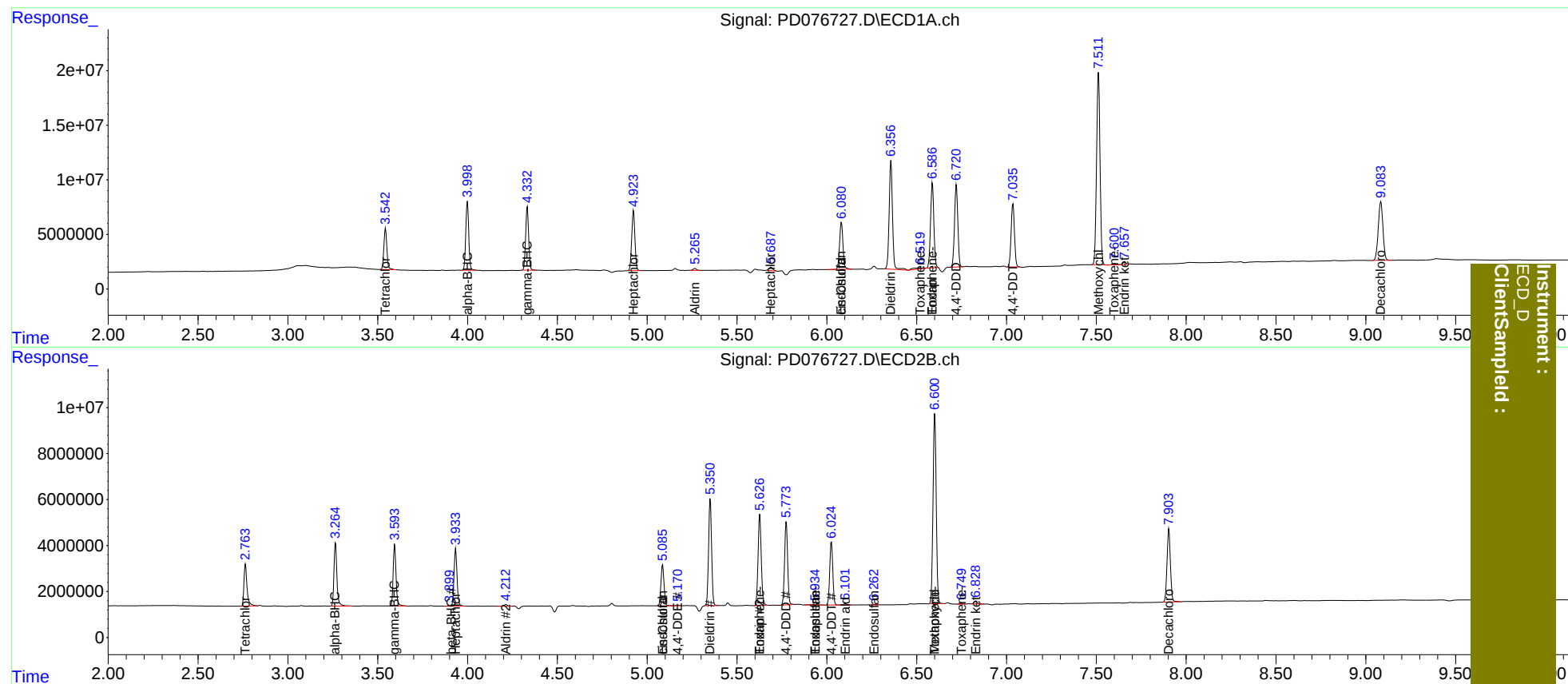
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.544  | 2.764  | 43893880 | 21445656 | 20.633   | 20.091     |
| 27)                         | SA Decachlor... | 9.084  | 7.904  | 96869350 | 41731907 | 39.872   | 38.930     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.265  | 72180616 | 31373906 | 20.364   | 19.827     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.595  | 67329148 | 29545894 | 20.298   | 19.722     |
| 4)                          | MA Heptachlor   | 4.924  | 3.934  | 68113273 | 28895278 | 19.593   | 19.325     |
| 5)                          | MB Aldrin       | 5.266  | 4.214  | 2249696  | 915342   | 0.658    | 0.608      |
| 6)                          | B beta-BHC      | 0.000  | 3.900  | 0        | 132515   | N.D.     | 0.185      |
| 8)                          | B Heptachlo...  | 5.689  | 0.000  | 4604990  | 0        | 1.537    | N.D. #     |
| 9)                          | A Endosulfan I  | 6.082  | 5.086  | 56784863 | 21368106 | 19.937   | 17.246     |
| 11)                         | B cis-Chlor...  | 6.082f | 5.086f | 56784863 | 21368106 | 17.912   | 15.146     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.171f | 0        | 400123   | N.D.     | 0.331      |
| 13)                         | MA Dieldrin     | 6.357  | 5.351  | 128.4E6  | 54319315 | 40.698   | 38.952     |
| 14)                         | MA Endrin       | 6.588  | 5.627  | 99568836 | 48998006 | 38.625   | 39.623     |
| 15)                         | B Endosulfa...  | 0.000  | 5.936  | 0        | 576227   | N.D.     | 0.479      |
| 16)                         | A 4,4'-DDD      | 6.721  | 5.774  | 96126226 | 42065076 | 42.542   | 44.386     |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.026  | 74708343 | 32755776 | 33.460   | 34.966     |
| 18)                         | B Endrin al...  | 0.000  | 6.102  | 0        | 637093   | N.D.     | 0.760      |
| 19)                         | B Endosulfa...  | 0.000  | 6.263f | 0        | 181618   | N.D.     | 0.163      |
| 20)                         | A Methoxychlor  | 7.512  | 6.601  | 235.6E6  | 101.2E6  | 177.990  | 189.715    |
| 21)                         | B Endrin ke...  | 7.658  | 6.829  | 2306062  | 1586901  | 0.833    | 1.240 #    |
| 23)                         | Toxaphene-2     | 6.521f | 5.627f | 4472875  | 48998006 | 162.207  | 6174.353 # |
| 24)                         | Toxaphene-3     | 6.588f | 5.936  | 99568836 | 576227   | 5142.108 | 62.844 #   |
| 25)                         | Toxaphene-4     | 0.000  | 6.601  | 0        | 101.2E6  | N.D.     | 4035.290   |
| 26)                         | Toxaphene-5     | 7.601  | 6.751  | 1388244  | 169801   | 31.970   | 4.586 #    |
| -----                       |                 |        |        |          |          |          |            |

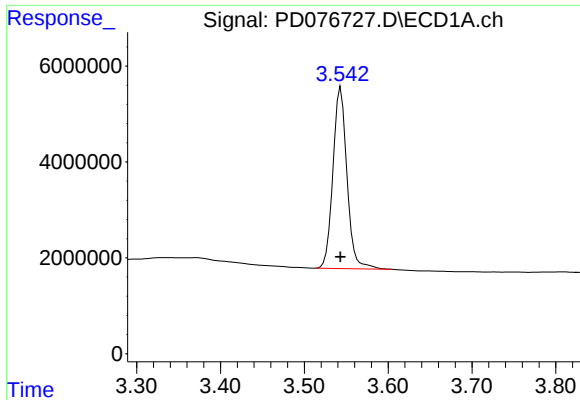
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071423\  
Data File : PD076727.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2023 03:51  
Operator : AR\AJ  
Sample : INDA447  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 15 06:51:05 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

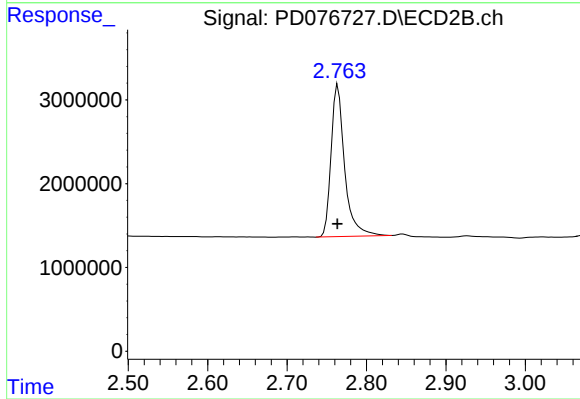




#1 Tetrachloro-m-xylene

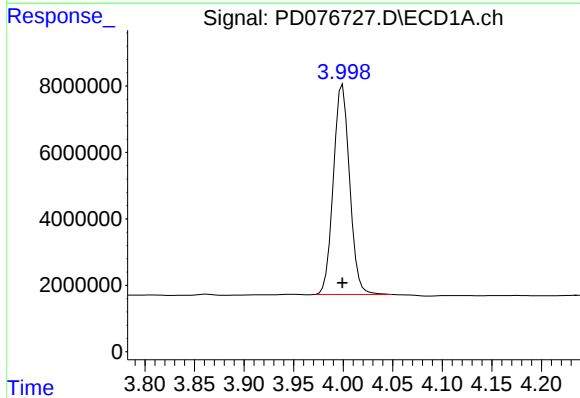
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 43893880  
Conc: 20.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



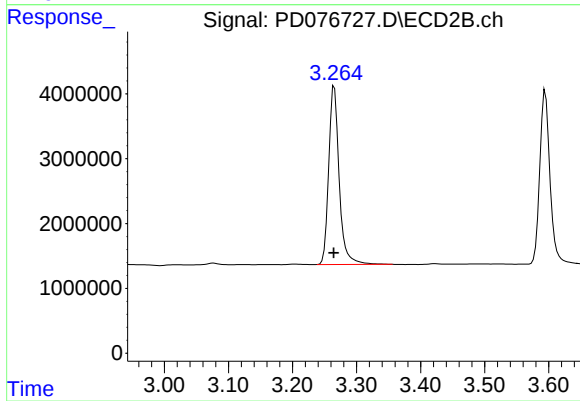
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: 0.000 min  
Response: 21445656  
Conc: 20.09 ng/ml



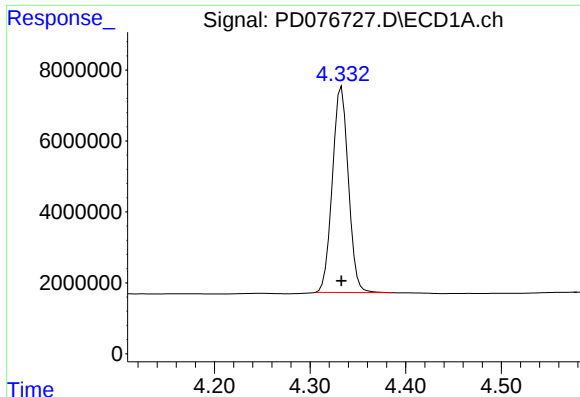
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 72180616  
Conc: 20.36 ng/ml



#2 alpha-BHC

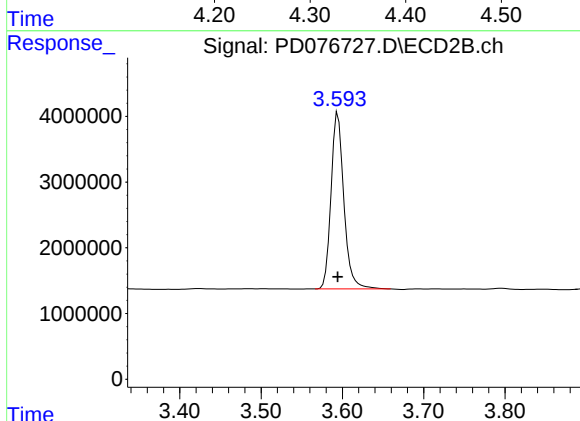
R.T.: 3.265 min  
Delta R.T.: 0.000 min  
Response: 31373906  
Conc: 19.83 ng/ml



#3 gamma-BHC (Lindane)

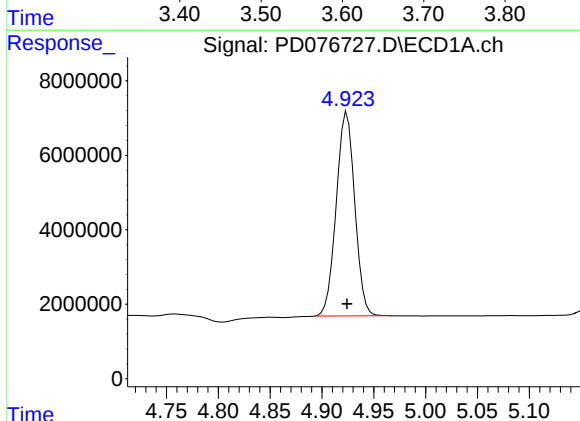
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 67329148  
Conc: 20.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



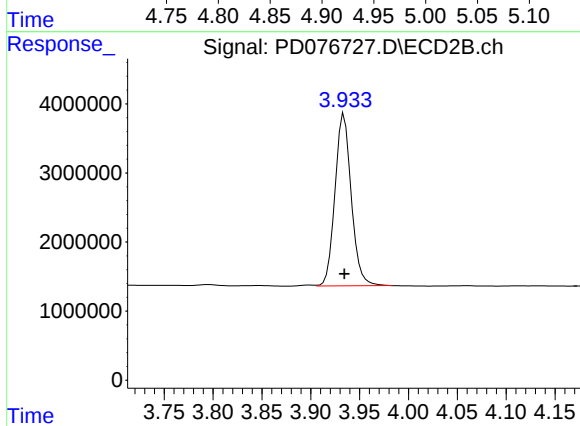
#3 gamma-BHC (Lindane)

R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 29545894  
Conc: 19.72 ng/ml



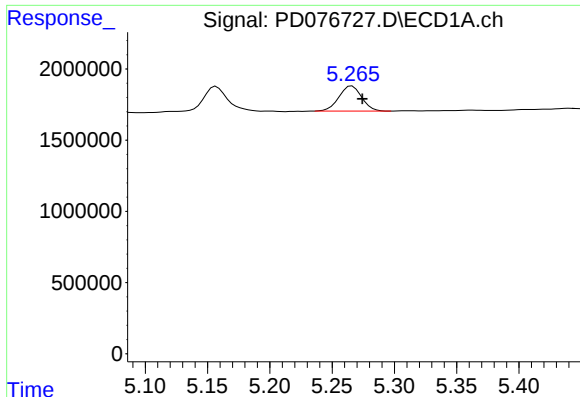
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 68113273  
Conc: 19.59 ng/ml



#4 Heptachlor

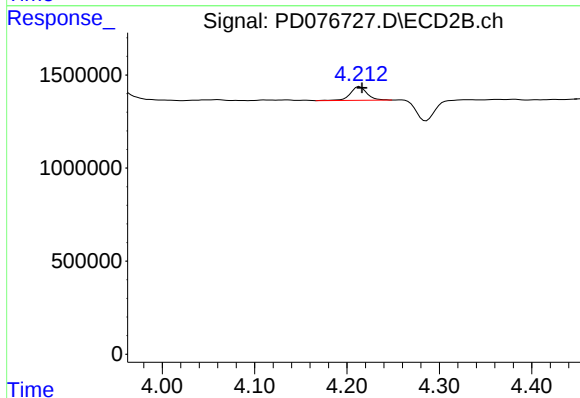
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 28895278  
Conc: 19.33 ng/ml



#5 Aldrin

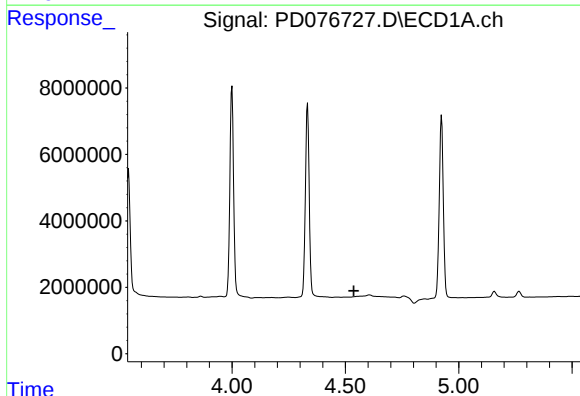
R.T.: 5.266 min  
Delta R.T.: -0.008 min  
Response: 2249696  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



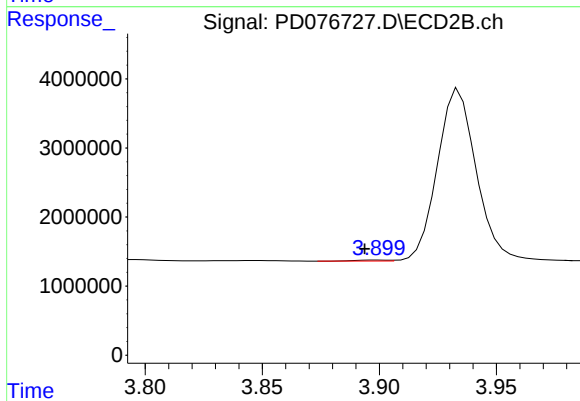
#5 Aldrin

R.T.: 4.214 min  
Delta R.T.: -0.002 min  
Response: 915342  
Conc: 0.61 ng/ml



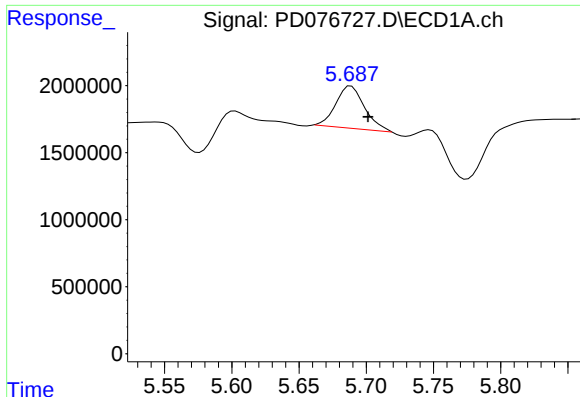
#6 beta-BHC

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



#6 beta-BHC

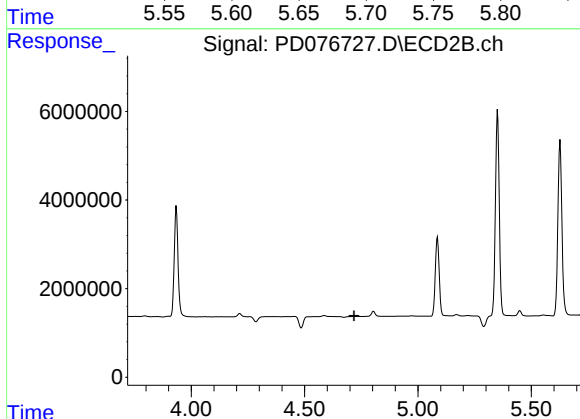
R.T.: 3.900 min  
Delta R.T.: 0.006 min  
Response: 132515  
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

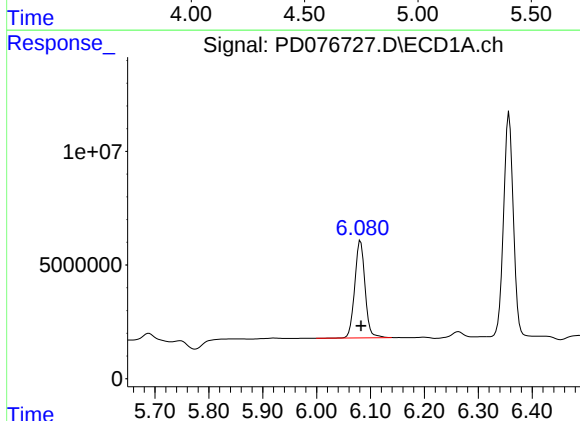
R.T.: 5.689 min  
Delta R.T.: -0.013 min  
Response: 4604990  
Conc: 1.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



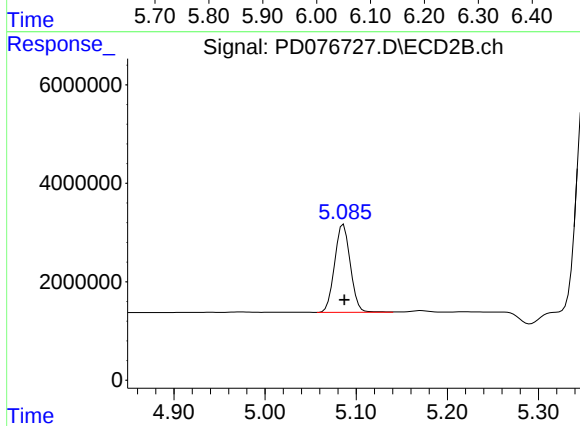
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.719 min  
Response: 0  
Conc: N.D.



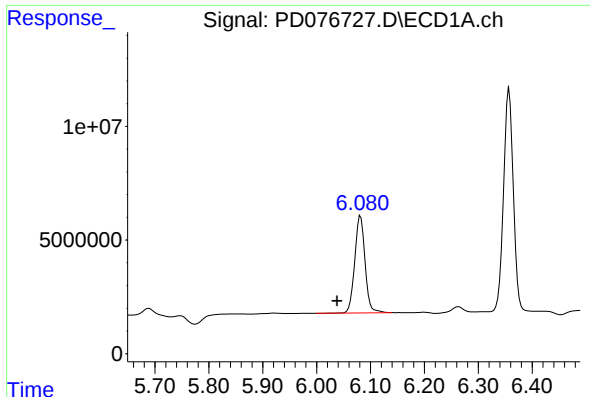
#9 Endosulfan I

R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 56784863  
Conc: 19.94 ng/ml



#9 Endosulfan I

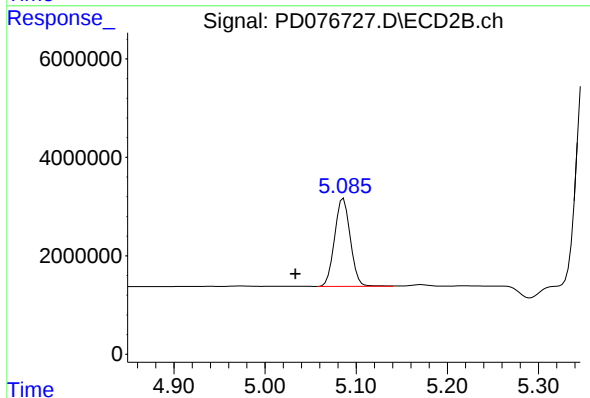
R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 21368106  
Conc: 17.25 ng/ml



#11 cis-Chlordane

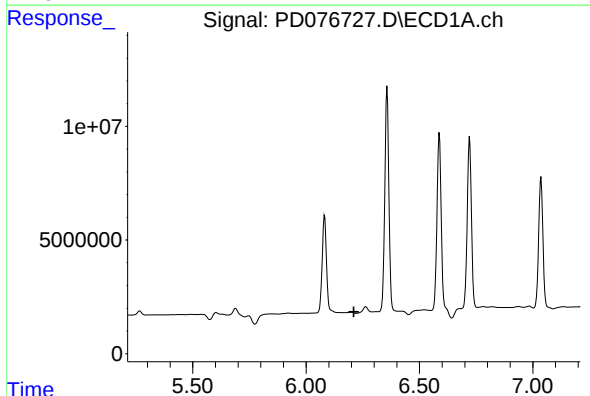
R.T.: 6.082 min  
Delta R.T.: 0.044 min  
Response: 56784863  
Conc: 17.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



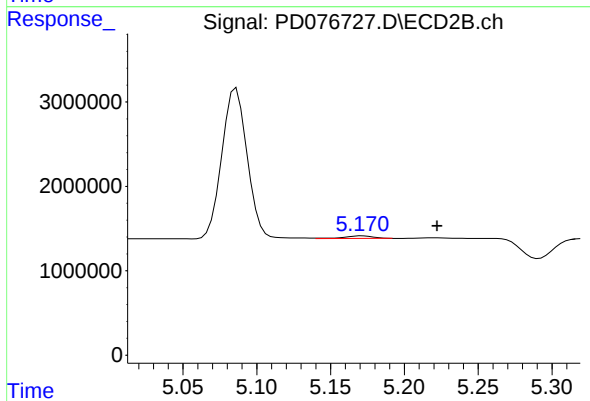
#11 cis-Chlordane

R.T.: 5.086 min  
Delta R.T.: 0.053 min  
Response: 21368106  
Conc: 15.15 ng/ml



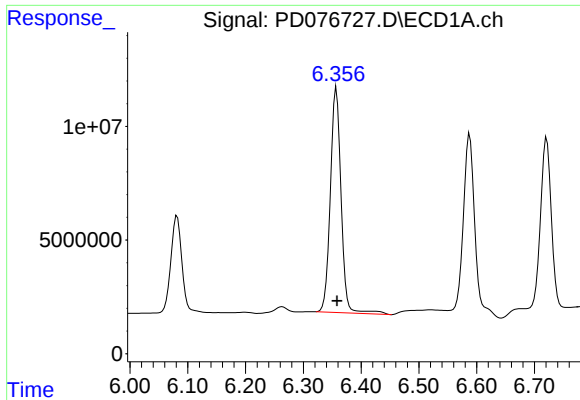
#12 4,4'-DDE

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



#12 4,4'-DDE

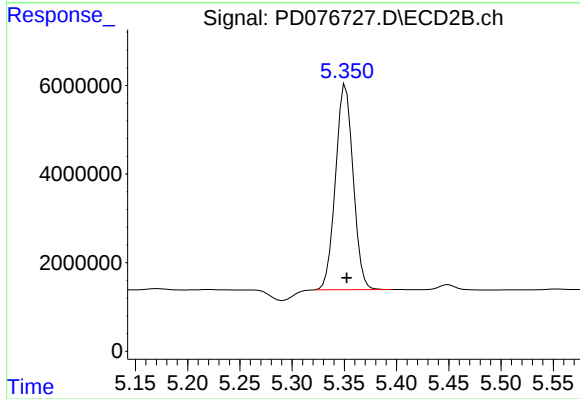
R.T.: 5.171 min  
Delta R.T.: -0.051 min  
Response: 400123  
Conc: 0.33 ng/ml



#13 Dieldrin

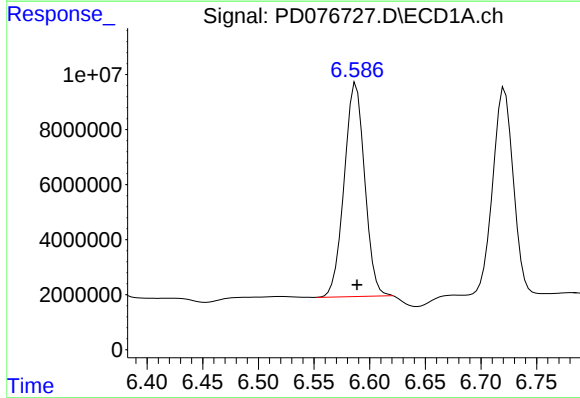
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 128415027  
Conc: 40.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



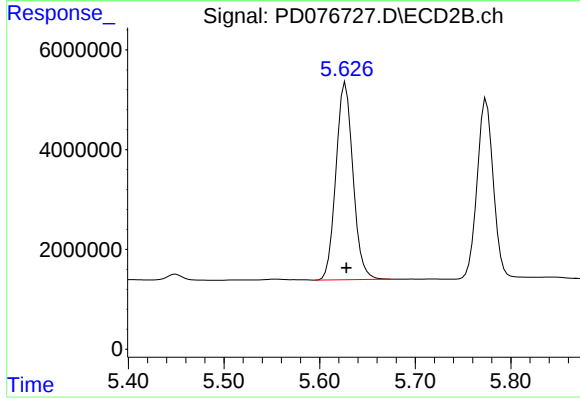
#13 Dieldrin

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 54319315  
Conc: 38.95 ng/ml



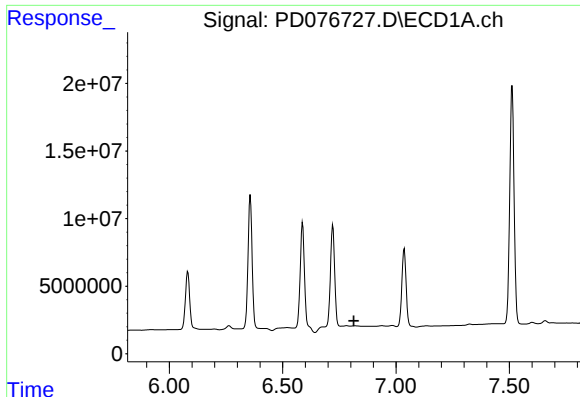
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 99568836  
Conc: 38.63 ng/ml



#14 Endrin

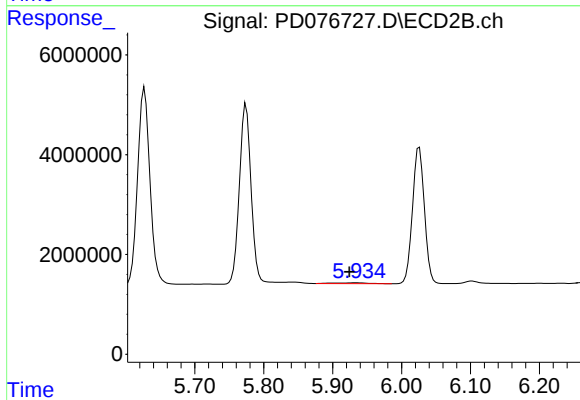
R.T.: 5.627 min  
Delta R.T.: -0.001 min  
Response: 48998006  
Conc: 39.62 ng/ml



#15 Endosulfan II

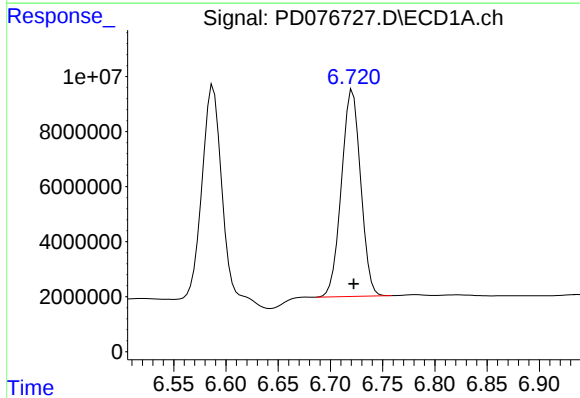
R.T.: 0.000 min  
Exp R.T.: 6.814 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



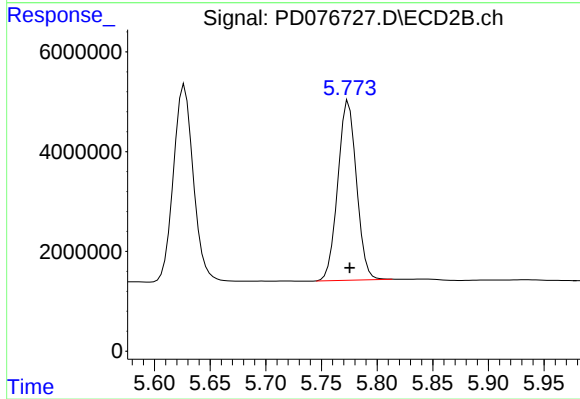
#15 Endosulfan II

R.T.: 5.936 min  
Delta R.T.: 0.011 min  
Response: 576227  
Conc: 0.48 ng/ml



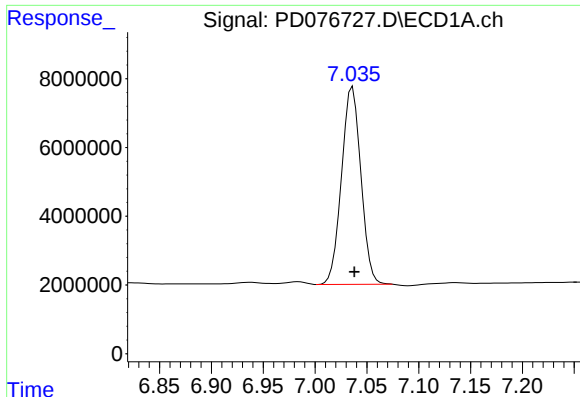
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: -0.001 min  
Response: 96126226  
Conc: 42.54 ng/ml



#16 4,4'-DDD

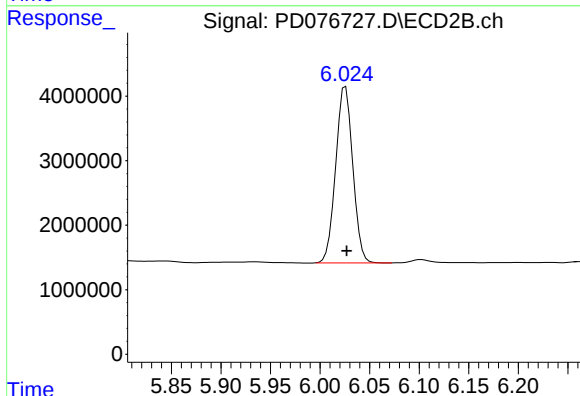
R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 42065076  
Conc: 44.39 ng/ml



#17 4,4'-DDT

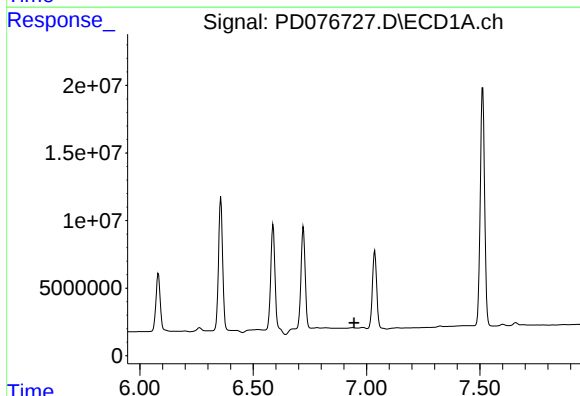
R.T.: 7.036 min  
Delta R.T.: -0.002 min  
Response: 74708343  
Conc: 33.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



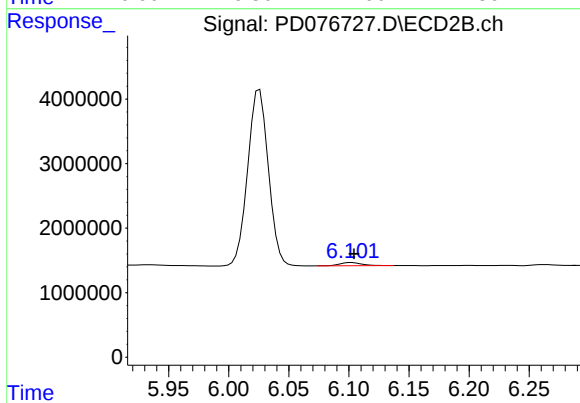
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.001 min  
Response: 32755776  
Conc: 34.97 ng/ml



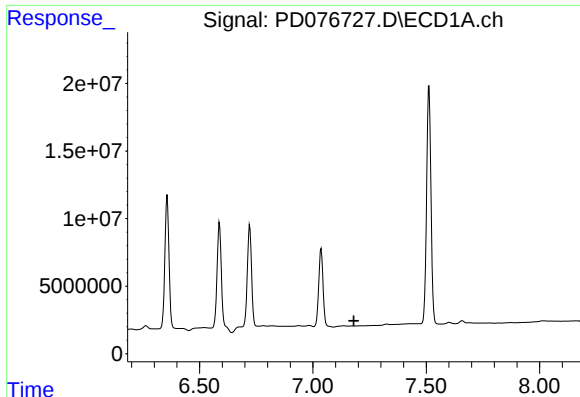
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.945 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

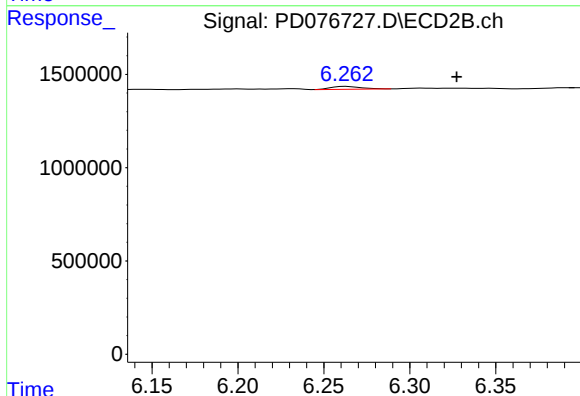
R.T.: 6.102 min  
Delta R.T.: -0.002 min  
Response: 637093  
Conc: 0.76 ng/ml



#19 Endosulfan Sulfate

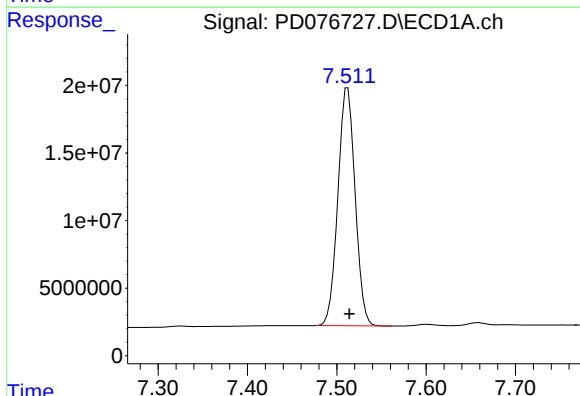
R.T.: 0.000 min  
Exp R.T.: 7.180 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



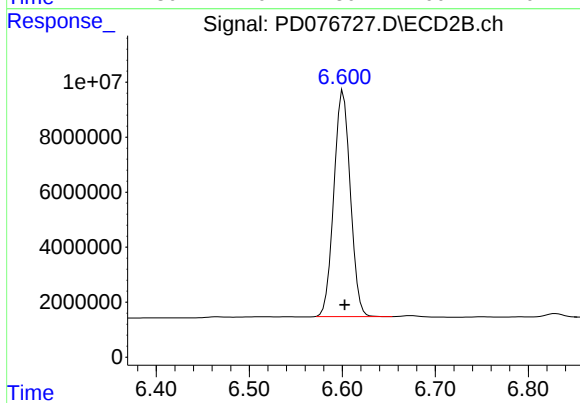
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.064 min  
Response: 181618  
Conc: 0.16 ng/ml



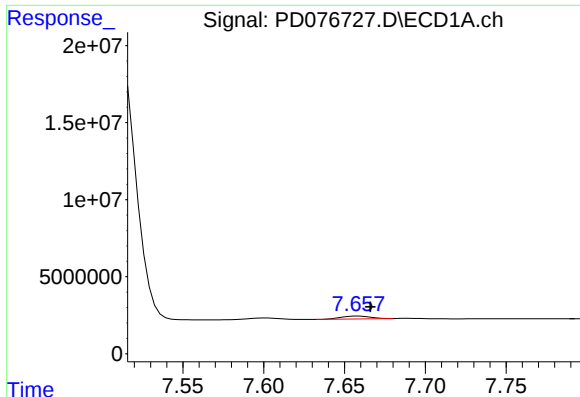
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: -0.002 min  
Response: 235609739  
Conc: 177.99 ng/ml



#20 Methoxychlor

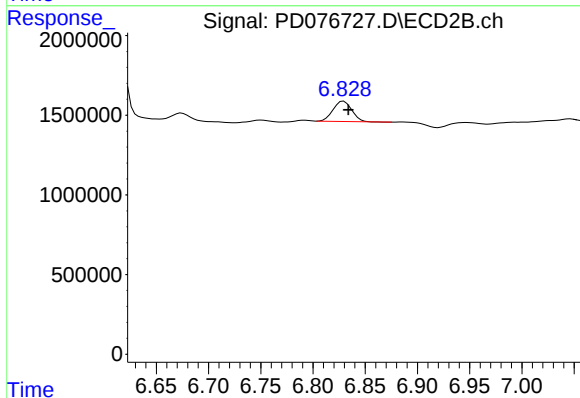
R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 101244042  
Conc: 189.72 ng/ml



#21 Endrin ketone

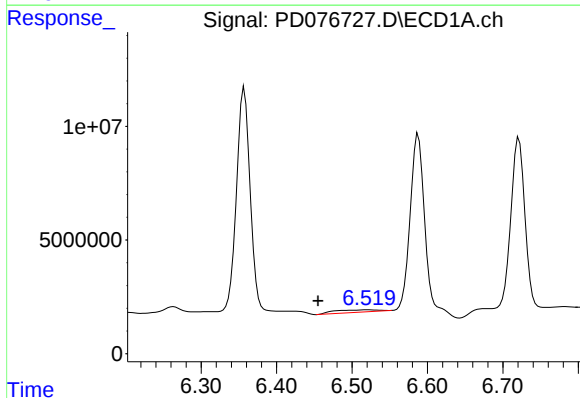
R.T.: 7.658 min  
Delta R.T.: -0.008 min  
Response: 2306062  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



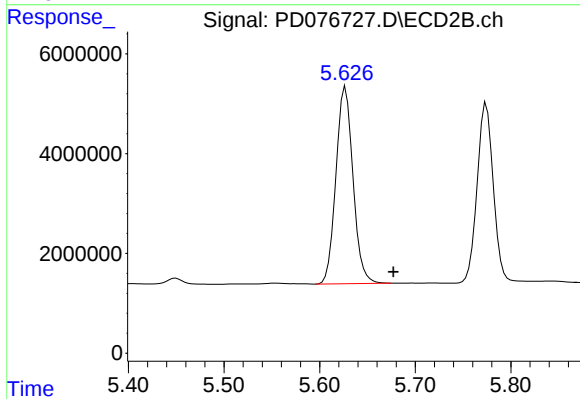
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: -0.005 min  
Response: 1586901  
Conc: 1.24 ng/ml



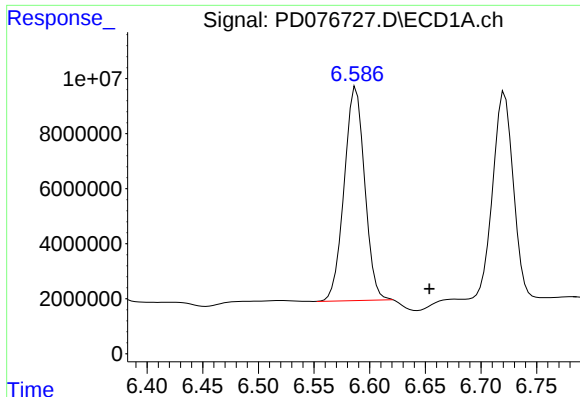
#23 Toxaphene-2

R.T.: 6.521 min  
Delta R.T.: 0.065 min  
Response: 4472875  
Conc: 162.21 ng/ml



#23 Toxaphene-2

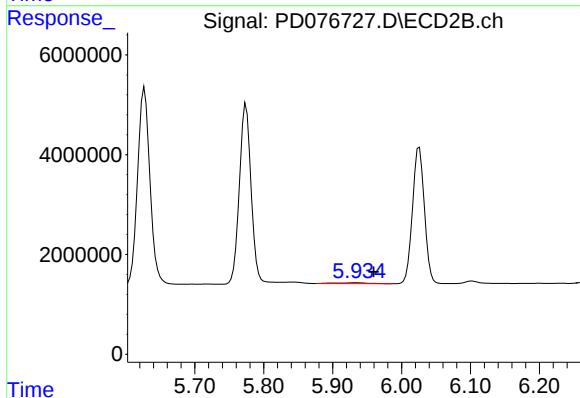
R.T.: 5.627 min  
Delta R.T.: -0.050 min  
Response: 48998006  
Conc: 6174.35 ng/ml



#24 Toxaphene-3

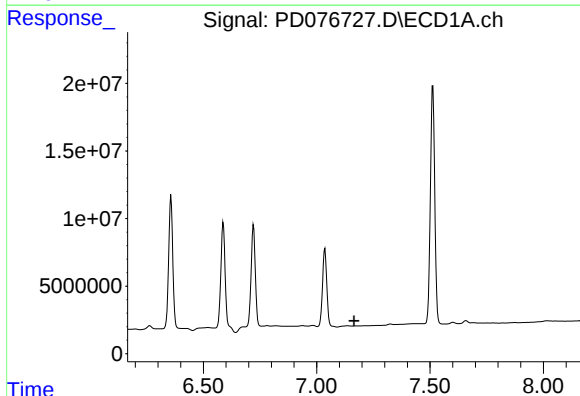
R.T.: 6.588 min  
Delta R.T.: -0.066 min  
Response: 99568836  
Conc: 5142.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



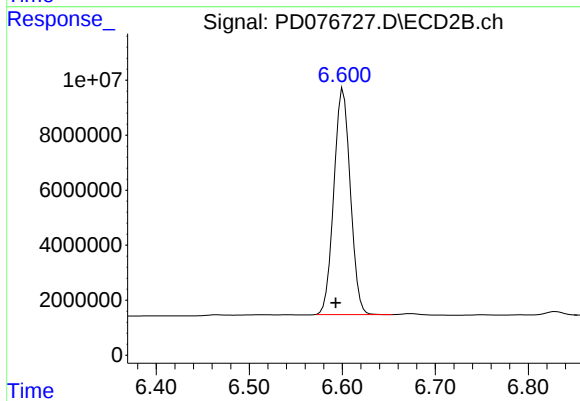
#24 Toxaphene-3

R.T.: 5.936 min  
Delta R.T.: -0.024 min  
Response: 576227  
Conc: 62.84 ng/ml



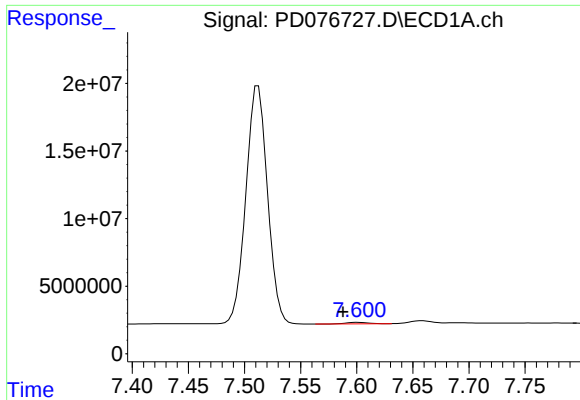
#25 Toxaphene-4

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



#25 Toxaphene-4

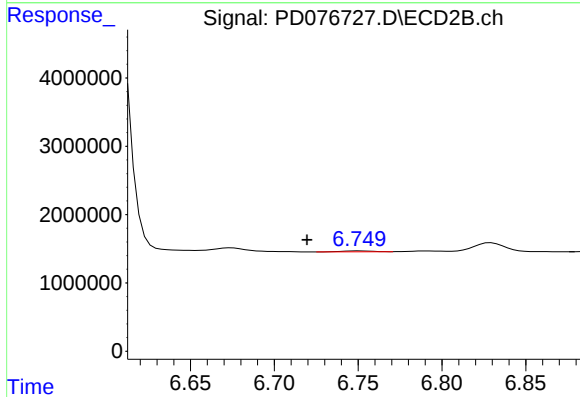
R.T.: 6.601 min  
Delta R.T.: 0.008 min  
Response: 101244042  
Conc: 4035.29 ng/ml



#26 Toxaphene-5

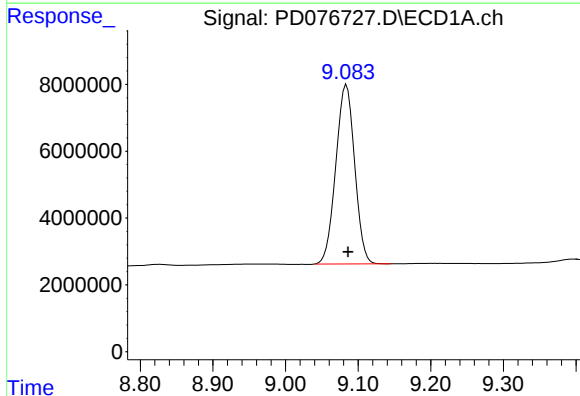
R.T.: 7.601 min  
Delta R.T.: 0.013 min  
Response: 1388244  
Conc: 31.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



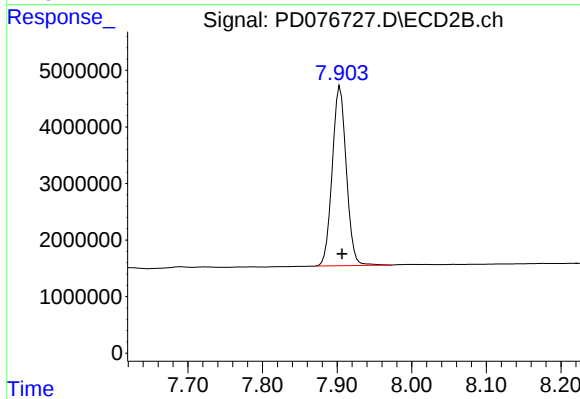
#26 Toxaphene-5

R.T.: 6.751 min  
Delta R.T.: 0.031 min  
Response: 169801  
Conc: 4.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 96869350  
Conc: 39.87 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: -0.003 min  
Response: 41731907  
Conc: 38.93 ng/ml