

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042723\  
 Data File : PD075019.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2023 10:28  
 Operator : AR\AJ  
 Sample : INDA398  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 28 22:09:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042723CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 28 02:34:46 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

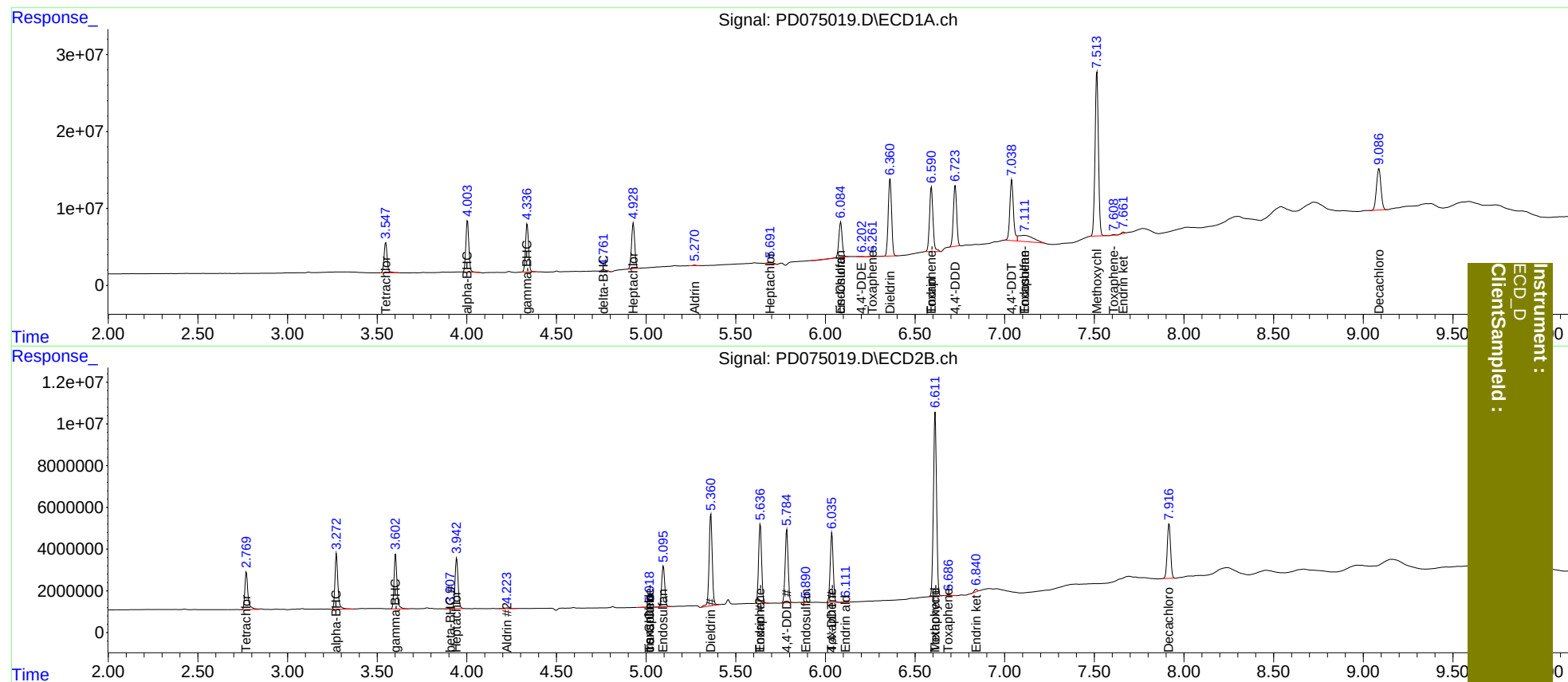
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.770  | 47226865 | 21734663 | 21.142   | 20.966     |
| 27)                         | SA Decachlor... | 9.088  | 7.917  | 93562484 | 33956395 | 39.174   | 35.349     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.273  | 78308977 | 30333635 | 21.338   | 21.066     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.603  | 73119164 | 29177259 | 21.386   | 20.968     |
| 4)                          | MA Heptachlor   | 4.929  | 3.944  | 73526946 | 28677292 | 21.225   | 20.561     |
| 5)                          | MB Aldrin       | 5.271  | 4.224  | 949089   | 587402   | 0.283    | 0.447 #    |
| 6)                          | B beta-BHC      | 0.000  | 3.909  | 0        | 551718   | N.D.     | 0.811      |
| 7)                          | B delta-BHC     | 4.762  | 0.000  | 3761133  | 0        | 1.257    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.693  | 0.000  | 4862864  | 0        | 1.619    | N.D. #     |
| 9)                          | A Endosulfan I  | 6.086  | 5.096  | 58652298 | 23197601 | 20.141   | 20.331     |
| 10)                         | B trans-Chl...  | 0.000  | 5.019f | 0        | 218585   | N.D.     | 0.180      |
| 11)                         | B cis-Chlor...  | 6.086f | 5.019  | 58652298 | 218585   | 18.816   | 0.177 #    |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.233  | 562120   | 22969    | 0.191    | <MDL #     |
| 13)                         | MA Dieldrin     | 6.361  | 5.361  | 131.3E6  | 53653013 | 41.320   | 42.744     |
| 14)                         | MA Endrin       | 6.592  | 5.637  | 113.7E6  | 44496075 | 41.964   | 40.259     |
| 15)                         | B Endosulfa...  | 6.789  | 5.891f | -321522  | 249550   | N.D.     | 0.229      |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.785  | 101.2E6  | 40662951 | 41.867   | 42.086     |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.037  | 109.7E6  | 38793864 | 43.677   | 39.107     |
| 18)                         | B Endrin al...  | 0.000  | 6.113  | 0        | 545803   | N.D.     | 0.615      |
| 19)                         | B Endosulfa...  | 7.110f | 0.000  | 46810339 | 0        | 17.954   | N.D. #     |
| 20)                         | A Methoxychlor  | 7.515  | 6.613  | 280.1E6  | 107.1E6  | 194.299  | 193.934    |
| 21)                         | B Endrin ke...  | 7.663  | 6.841  | 1591305  | 1205479  | 0.550    | 1.011 #    |
| 22)                         | Toxaphene-1     | 6.264  | 5.019  | 474821   | 218585   | 21.263   | 33.105 #   |
| 23)                         | Toxaphene-2     | 0.000  | 5.637f | 0        | 44496075 | N.D.     | 6087.496   |
| 24)                         | Toxaphene-3     | 6.592f | 6.037f | 113.7E6  | 38793864 | 5947.269 | 4623.858   |
| 25)                         | Toxaphene-4     | 7.110f | 6.613  | 46810339 | 107.1E6  | 768.662  | 4365.201 # |
| 26)                         | Toxaphene-5     | 7.609  | 6.687f | 508643   | 593251   | 11.437   | 17.799 #   |
| -----                       |                 |        |        |          |          |          |            |

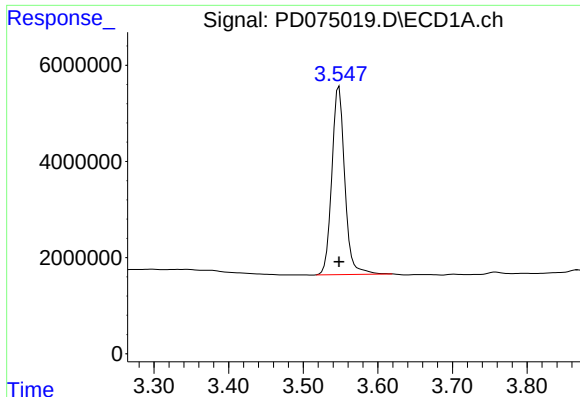
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042723\  
Data File : PD075019.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2023 10:28  
Operator : AR\AJ  
Sample : INDA398  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 22:09:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042723CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 28 02:34:46 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

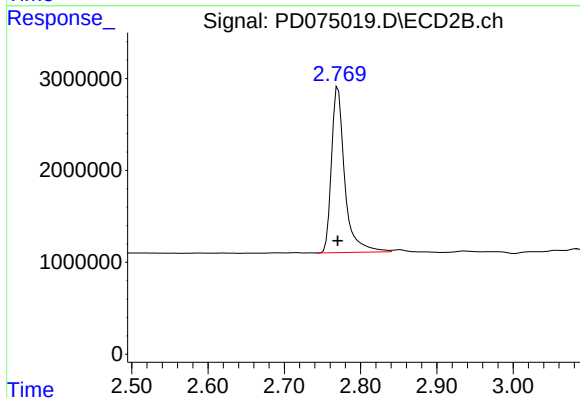




#1 Tetrachloro-m-xylene

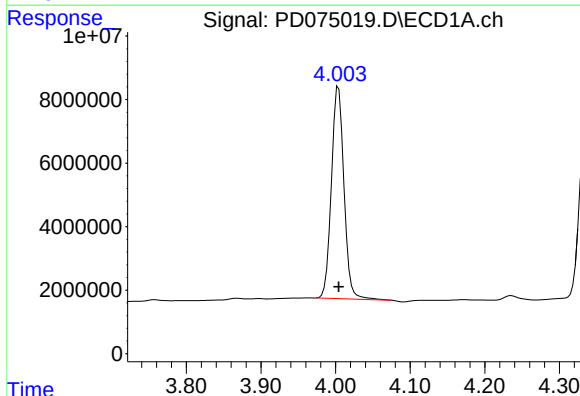
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 47226865  
Conc: 21.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



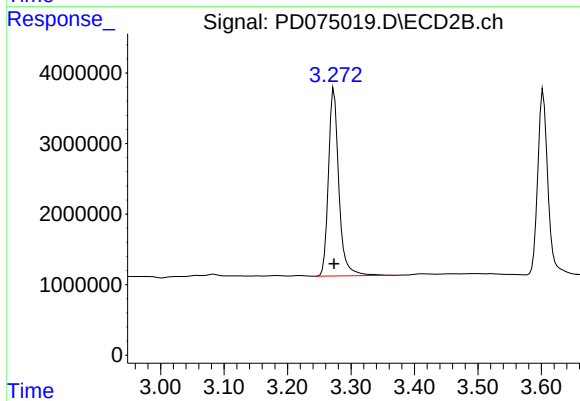
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: 0.000 min  
Response: 21734663  
Conc: 20.97 ng/ml



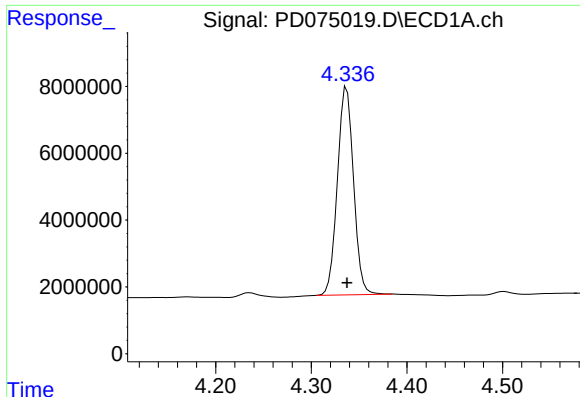
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 78308977  
Conc: 21.34 ng/ml



#2 alpha-BHC

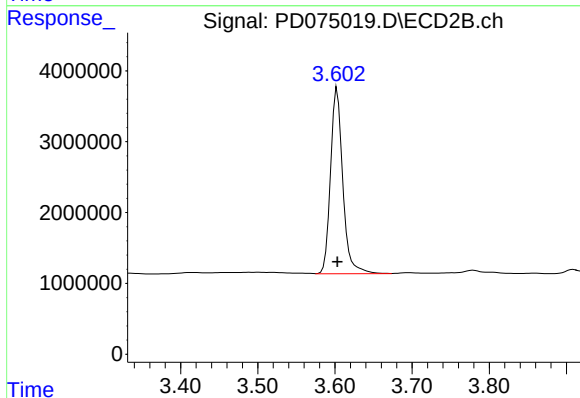
R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 30333635  
Conc: 21.07 ng/ml



#3 gamma-BHC (Lindane)

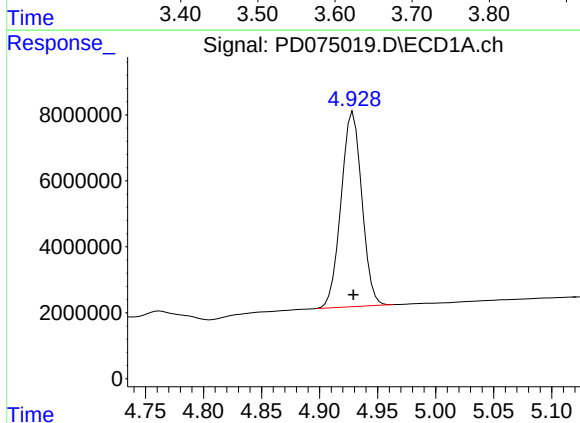
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 73119164  
Conc: 21.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



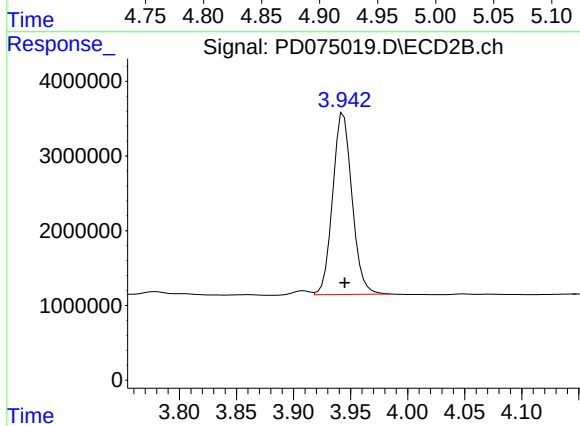
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.000 min  
Response: 29177259  
Conc: 20.97 ng/ml



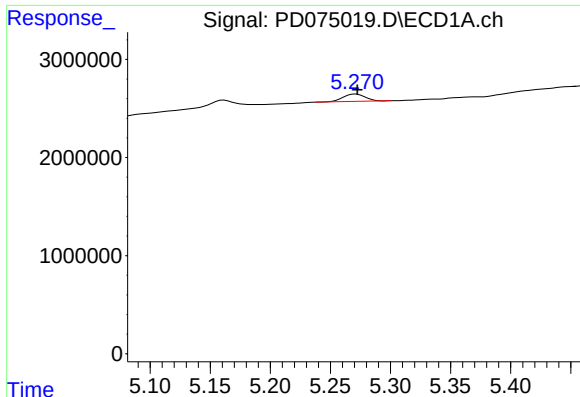
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 73526946  
Conc: 21.22 ng/ml



#4 Heptachlor

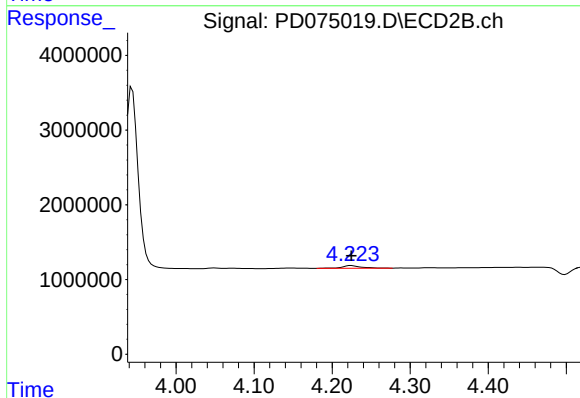
R.T.: 3.944 min  
Delta R.T.: 0.000 min  
Response: 28677292  
Conc: 20.56 ng/ml



#5 Aldrin

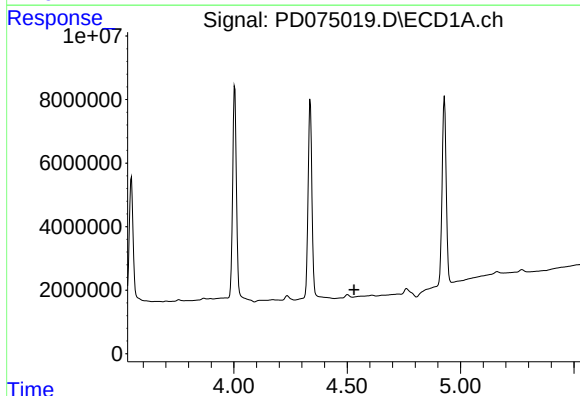
R.T.: 5.271 min  
Delta R.T.: -0.001 min  
Response: 949089  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



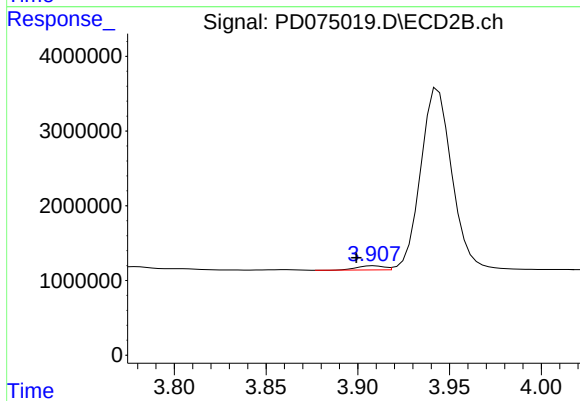
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 587402  
Conc: 0.45 ng/ml



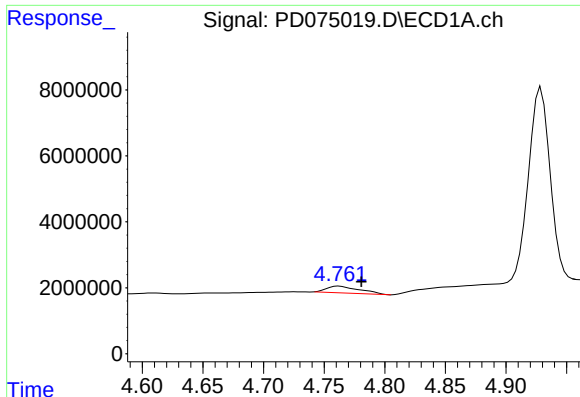
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.531 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

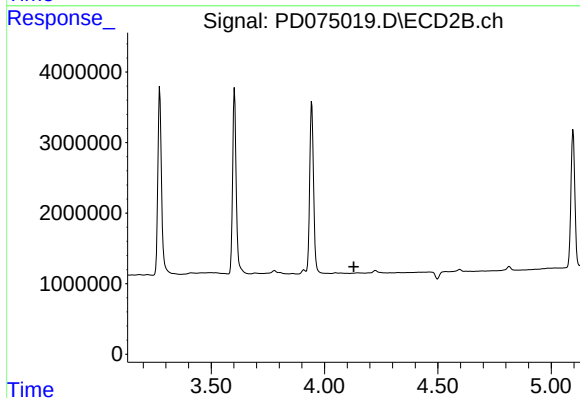
R.T.: 3.909 min  
Delta R.T.: 0.010 min  
Response: 551718  
Conc: 0.81 ng/ml



#7 delta-BHC

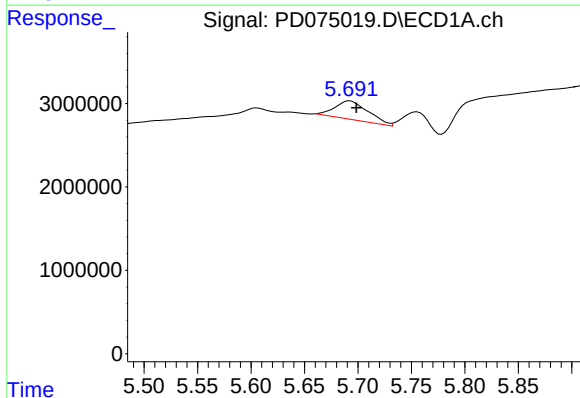
R.T.: 4.762 min  
Delta R.T.: -0.018 min  
Response: 3761133  
Conc: 1.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



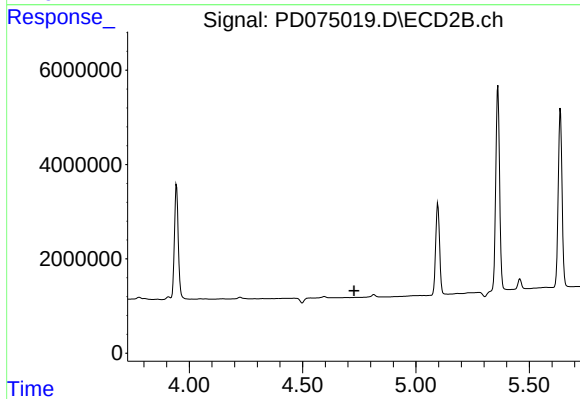
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.129 min  
Response: 0  
Conc: N.D.



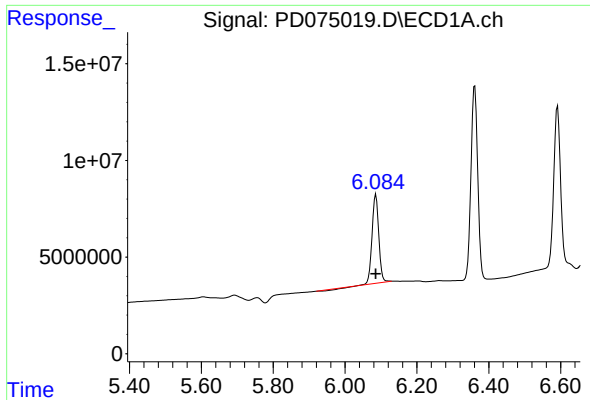
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: -0.006 min  
Response: 4862864  
Conc: 1.62 ng/ml



#8 Heptachlor epoxide

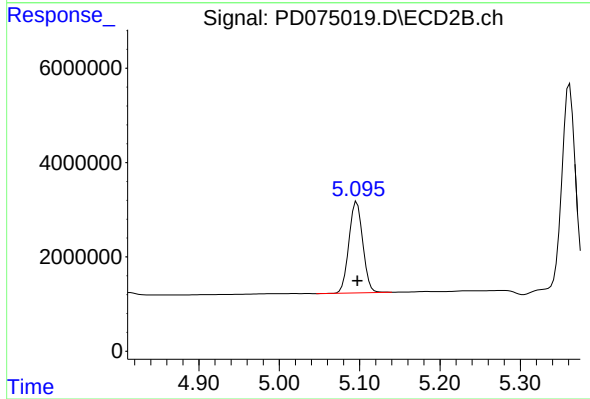
R.T.: 0.000 min  
Exp R.T. : 4.727 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

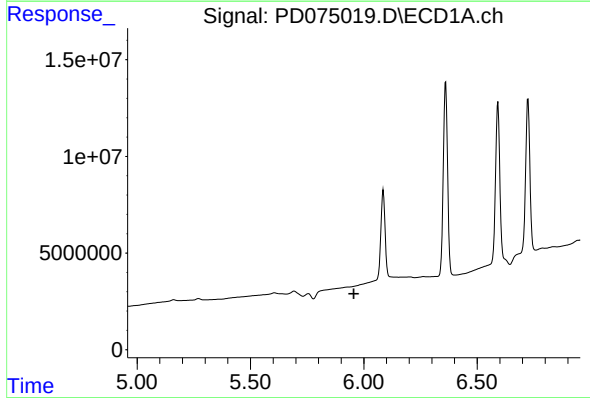
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 58652298  
Conc: 20.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



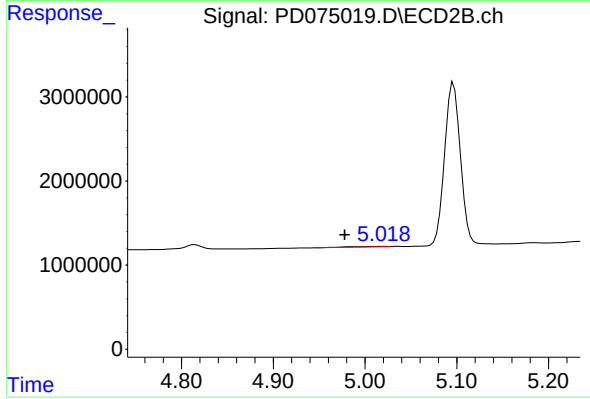
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 23197601  
Conc: 20.33 ng/ml



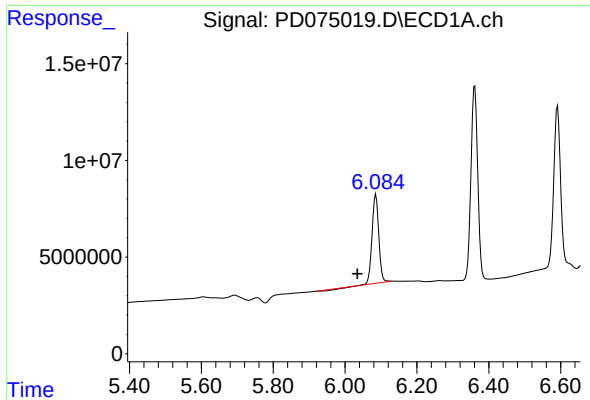
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.955 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

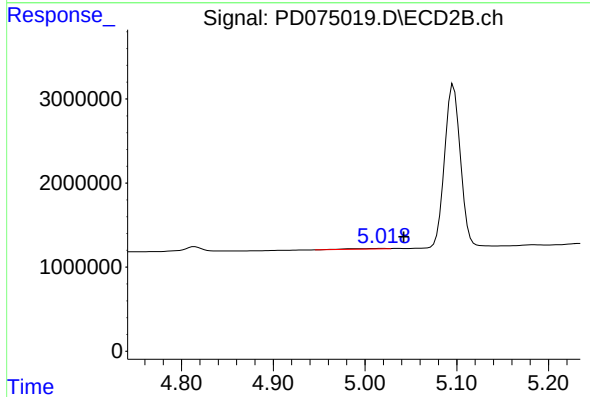
R.T.: 5.019 min  
Delta R.T.: 0.041 min  
Response: 218585  
Conc: 0.18 ng/ml



#11 cis-Chlordane

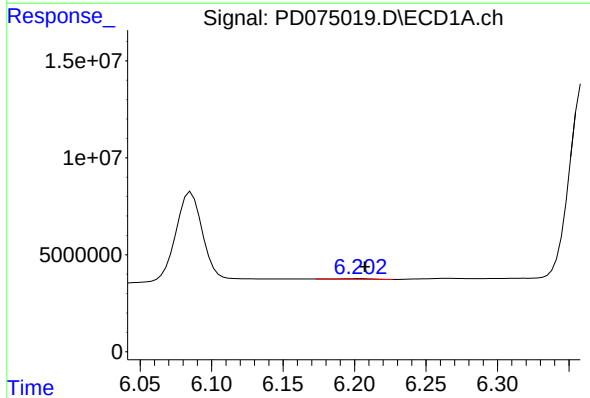
R.T.: 6.086 min  
Delta R.T.: 0.051 min  
Response: 58652298  
Conc: 18.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



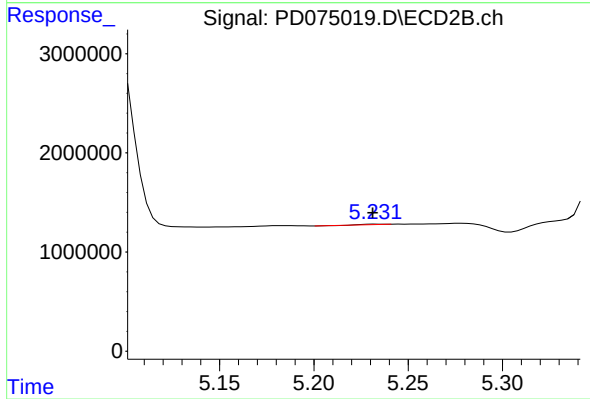
#11 cis-Chlordane

R.T.: 5.019 min  
Delta R.T.: -0.023 min  
Response: 218585  
Conc: 0.18 ng/ml



#12 4,4'-DDE

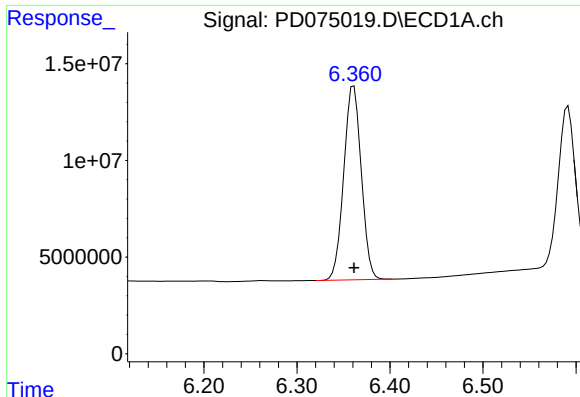
R.T.: 6.203 min  
Delta R.T.: -0.004 min  
Response: 562120  
Conc: 0.19 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min  
Delta R.T.: 0.002 min  
Response: 22969  
Conc: N.D.

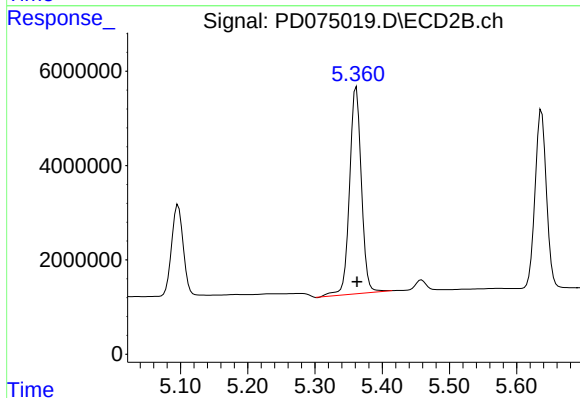




#13 Dieldrin

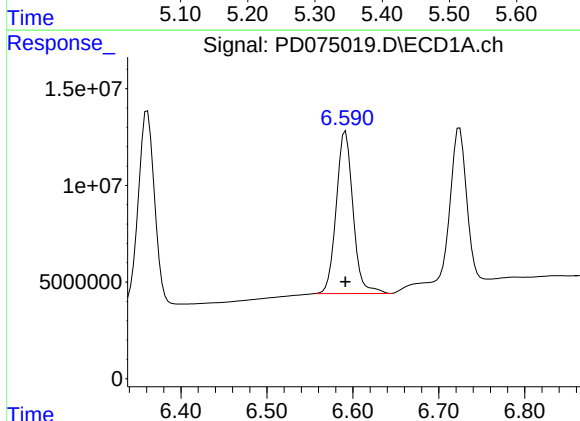
R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 131334996  
Conc: 41.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



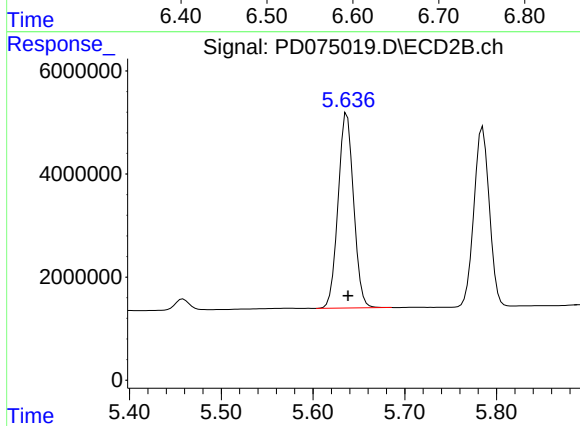
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: -0.001 min  
Response: 53653013  
Conc: 42.74 ng/ml



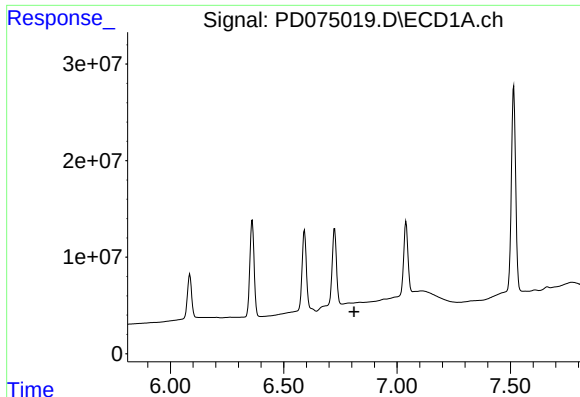
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 113684187  
Conc: 41.96 ng/ml



#14 Endrin

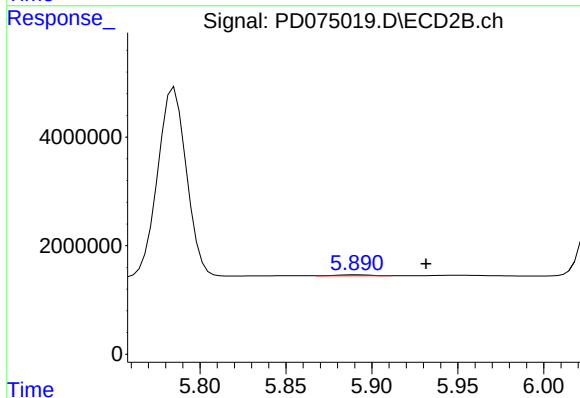
R.T.: 5.637 min  
Delta R.T.: -0.001 min  
Response: 44496075  
Conc: 40.26 ng/ml



#15 Endosulfan II

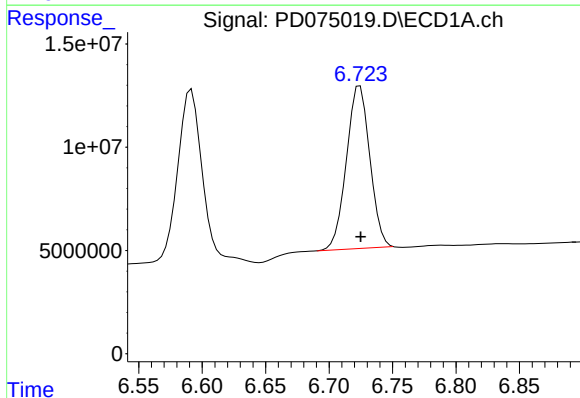
R.T.: 6.789 min  
Delta R.T.: -0.022 min  
Response: -321522  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



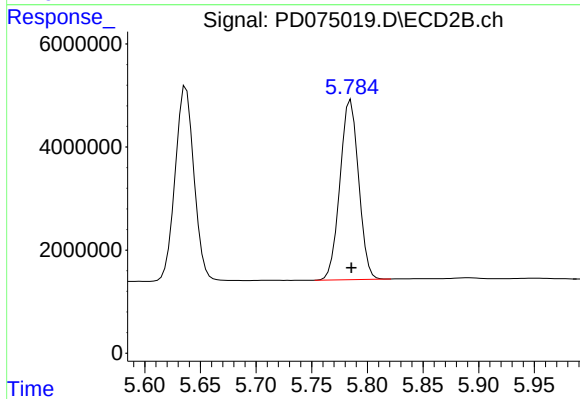
#15 Endosulfan II

R.T.: 5.891 min  
Delta R.T.: -0.041 min  
Response: 249550  
Conc: 0.23 ng/ml



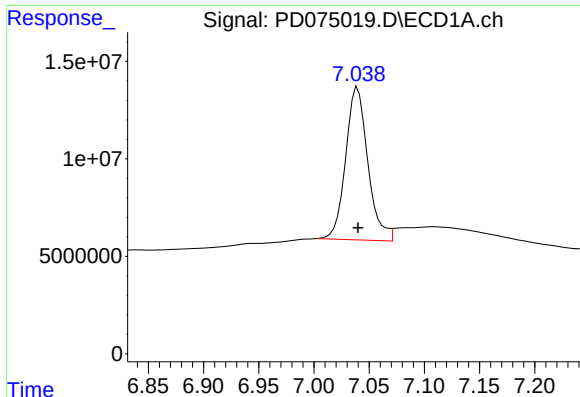
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 101243574  
Conc: 41.87 ng/ml



#16 4,4'-DDD

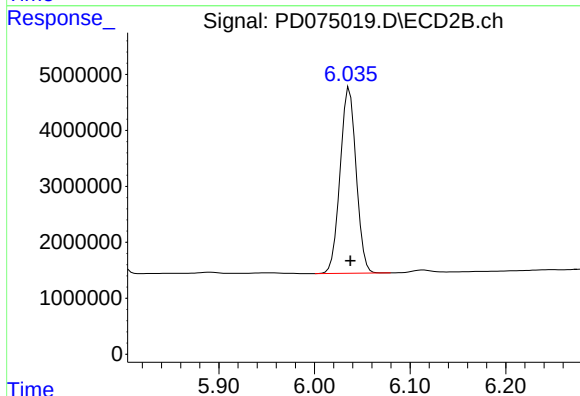
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 40662951  
Conc: 42.09 ng/ml



#17 4,4'-DDT

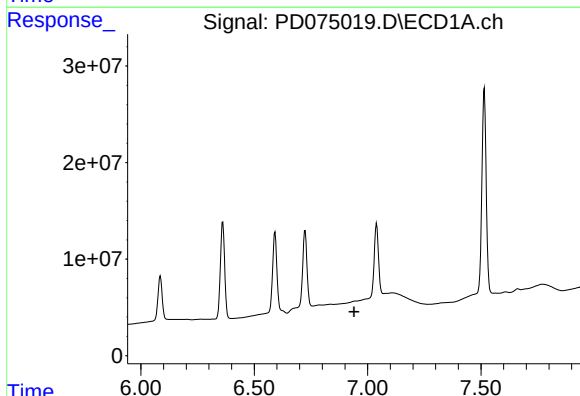
R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 109742644  
Conc: 43.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



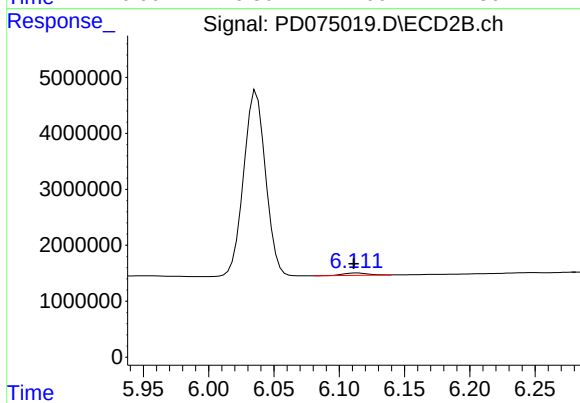
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.001 min  
Response: 38793864  
Conc: 39.11 ng/ml



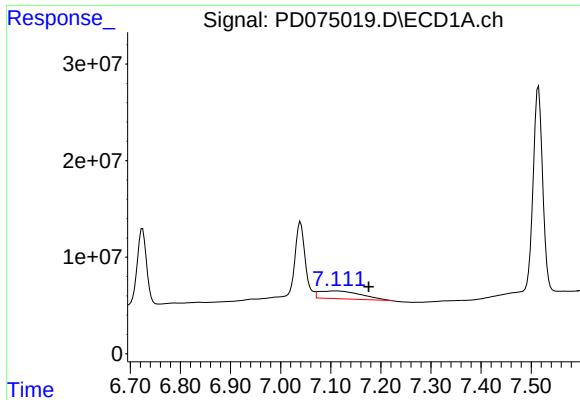
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.941 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

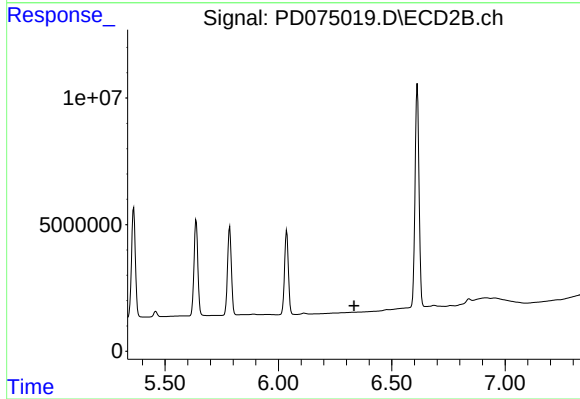
R.T.: 6.113 min  
Delta R.T.: 0.002 min  
Response: 545803  
Conc: 0.61 ng/ml



#19 Endosulfan Sulfate

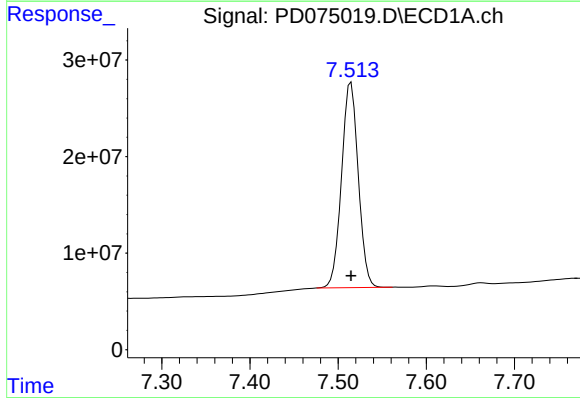
R.T.: 7.110 min  
Delta R.T.: -0.066 min  
Response: 46810339  
Conc: 17.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



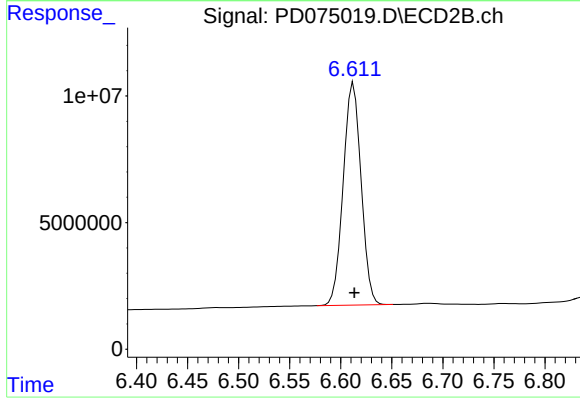
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.334 min  
Response: 0  
Conc: N.D.



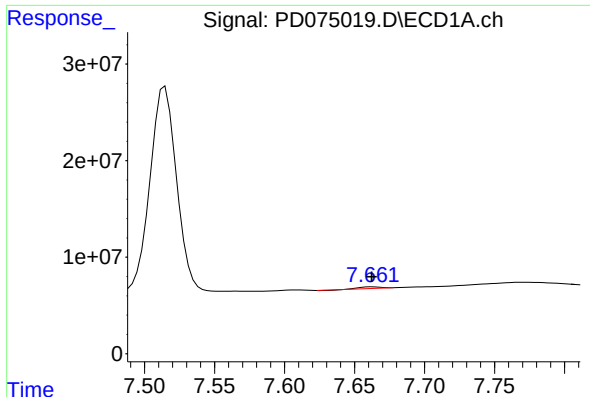
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 280114175  
Conc: 194.30 ng/ml



#20 Methoxychlor

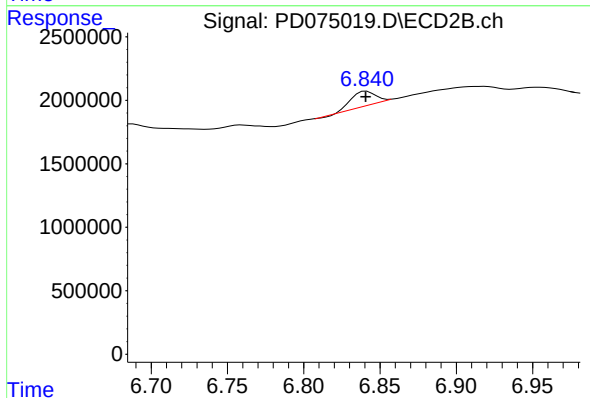
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 107122475  
Conc: 193.93 ng/ml



#21 Endrin ketone

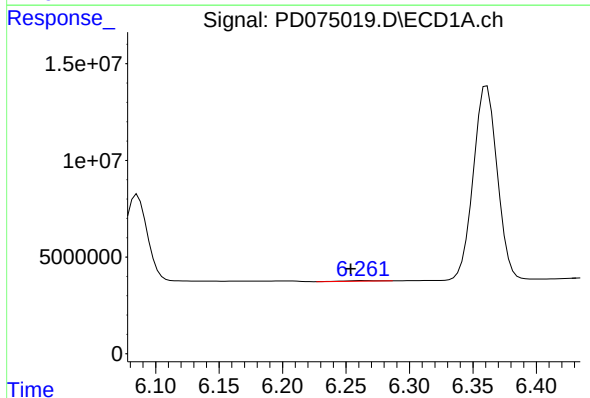
R.T.: 7.663 min  
Delta R.T.: 0.000 min  
Response: 1591305  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



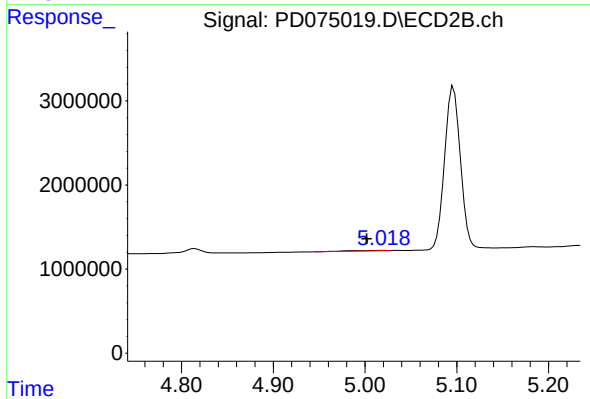
#21 Endrin ketone

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 1205479  
Conc: 1.01 ng/ml



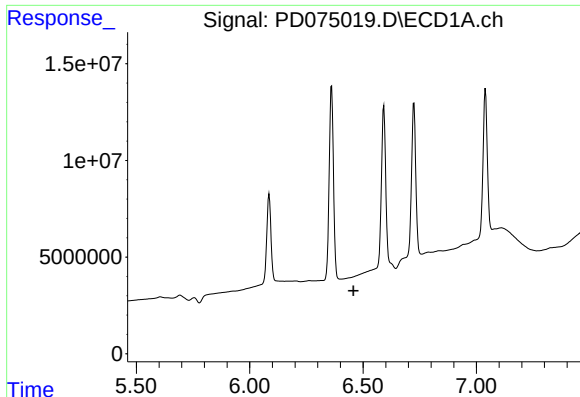
#22 Toxaphene-1

R.T.: 6.264 min  
Delta R.T.: 0.011 min  
Response: 474821  
Conc: 21.26 ng/ml



#22 Toxaphene-1

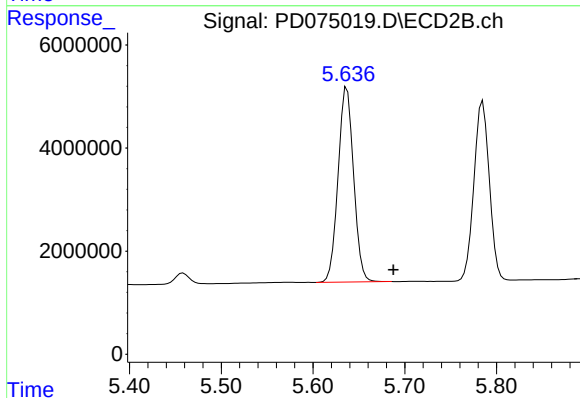
R.T.: 5.019 min  
Delta R.T.: 0.017 min  
Response: 218585  
Conc: 33.10 ng/ml



#23 Toxaphene-2

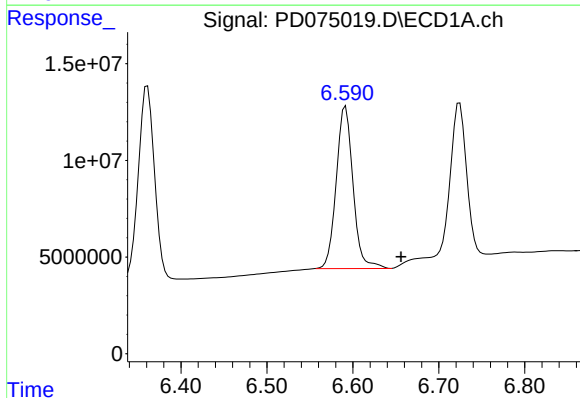
R.T.: 0.000 min  
Exp R.T.: 6.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



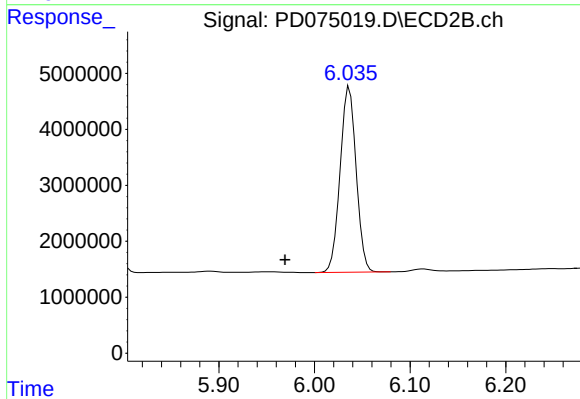
#23 Toxaphene-2

R.T.: 5.637 min  
Delta R.T.: -0.050 min  
Response: 44496075  
Conc: 6087.50 ng/ml



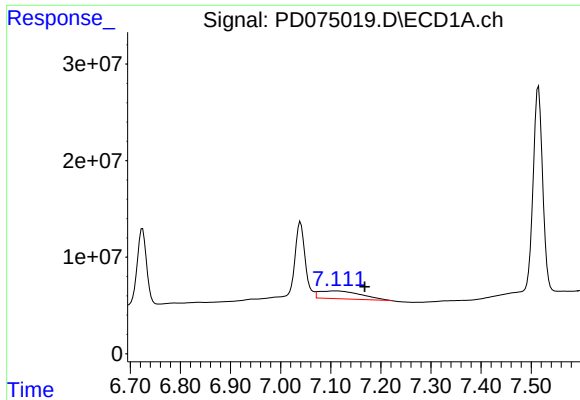
#24 Toxaphene-3

R.T.: 6.592 min  
Delta R.T.: -0.065 min  
Response: 113684187  
Conc: 5947.27 ng/ml



#24 Toxaphene-3

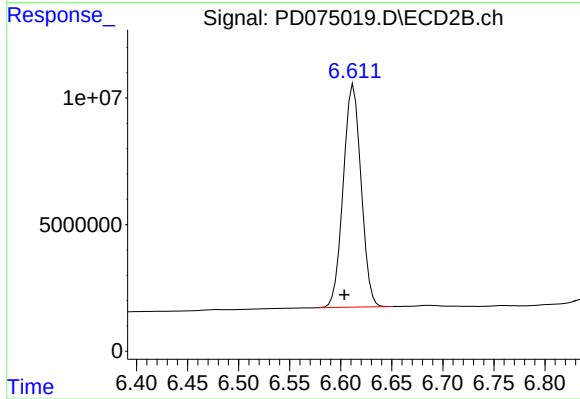
R.T.: 6.037 min  
Delta R.T.: 0.068 min  
Response: 38793864  
Conc: 4623.86 ng/ml



#25 Toxaphene-4

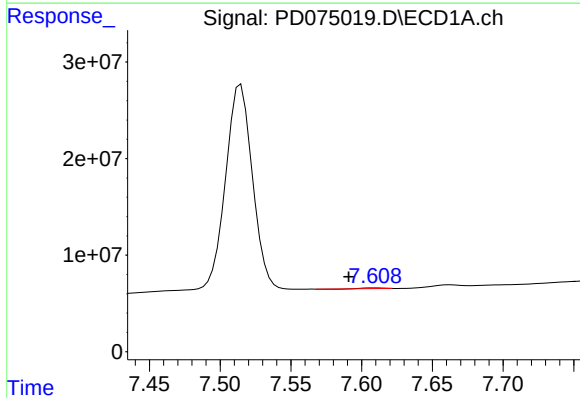
R.T.: 7.110 min  
Delta R.T.: -0.058 min  
Response: 46810339  
Conc: 768.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



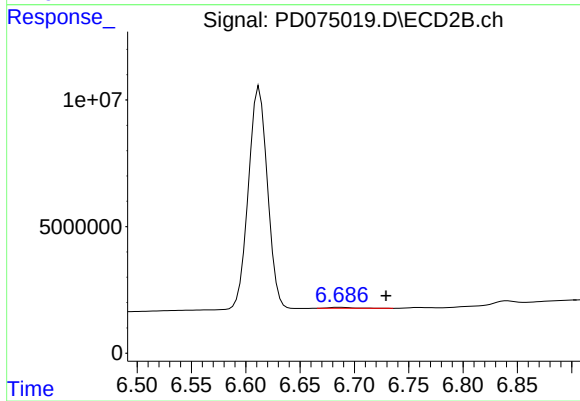
#25 Toxaphene-4

R.T.: 6.613 min  
Delta R.T.: 0.009 min  
Response: 107122475  
Conc: 4365.20 ng/ml



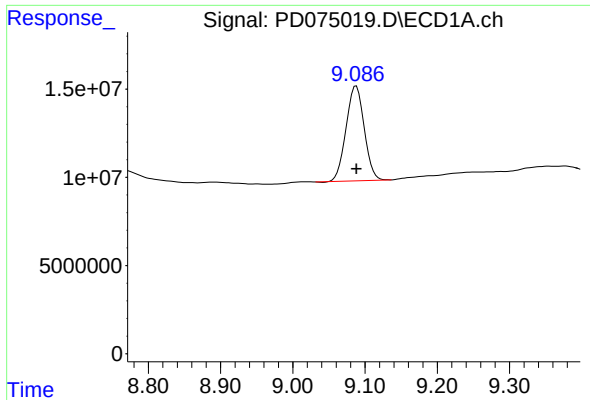
#26 Toxaphene-5

R.T.: 7.609 min  
Delta R.T.: 0.018 min  
Response: 508643  
Conc: 11.44 ng/ml



#26 Toxaphene-5

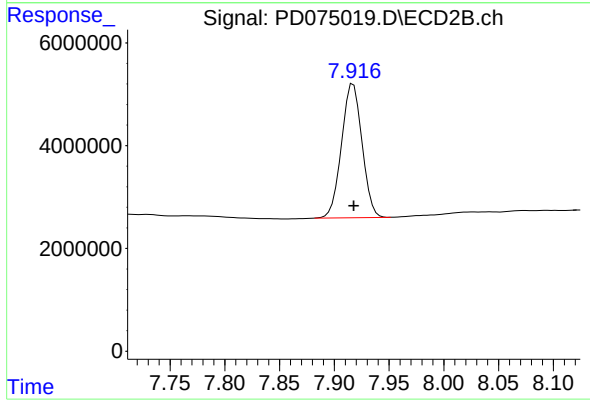
R.T.: 6.687 min  
Delta R.T.: -0.042 min  
Response: 593251  
Conc: 17.80 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 93562484  
Conc: 39.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.000 min  
Response: 33956395  
Conc: 35.35 ng/ml