

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070220\  
 Data File : PD058435.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2020 15:04  
 Operator : AJ\MA  
 Sample : INDA302  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 16:16:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 02 16:12:43 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

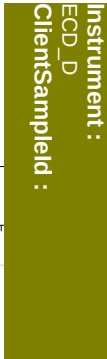
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

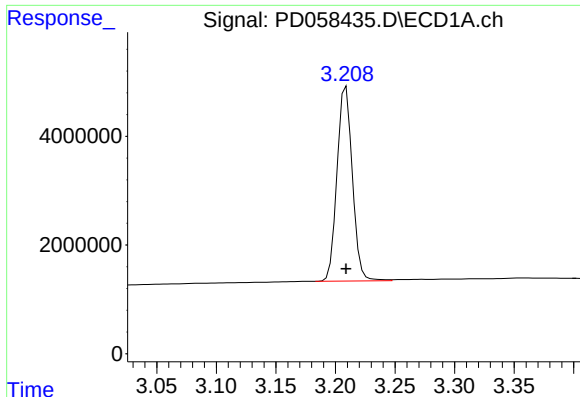
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.209  | 3.866  | 32007803 | 43031918 | 19.043   | 18.884     |
| 27)                         | SA Decachlor... | 7.847  | 8.861  | 67575259 | 80179852 | 38.223   | 37.739     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.631  | 4.248  | 47352684 | 64001605 | 19.030   | 18.909     |
| 3)                          | MA gamma-BHC... | 3.902  | 4.529  | 43993961 | 58786250 | 18.866   | 18.967     |
| 4)                          | MA Heptachlor   | 4.182  | 5.029  | 30533347 | 55388702 | 19.288   | 19.055     |
| 5)                          | MB Aldrin       | 4.416  | 5.326  | 443500   | 489211   | 0.208    | 0.176      |
| 6)                          | B beta-BHC      | 4.152  | 4.701  | 58434    | 176186   | <MDL     | 0.127 #    |
| 7)                          | B delta-BHC     | 4.364  | 0.000  | 124825   | 0        | <MDL     | N.D. #     |
| 8)                          | B Heptachlo...  | 4.812f | 5.704  | 68490    | 2542068  | <MDL     | 0.983 #    |
| 9)                          | A Endosulfan I  | 5.176  | 6.065  | 35018431 | 46537250 | 19.474   | 19.060     |
| 10)                         | B trans-Chl...  | 5.075  | 5.928  | 285083   | 77976    | 0.145    | <MDL #     |
| 11)                         | B cis-Chlor...  | 5.122  | 6.065f | 99524    | 46537250 | <MDL     | 17.742 #   |
| 12)                         | B 4,4'-DDE      | 5.296  | 6.177  | 321403   | 309124   | 0.160    | 0.120      |
| 13)                         | MA Dieldrin     | 5.414  | 6.321  | 68084932 | 103.4E6  | 39.481   | 37.978     |
| 14)                         | MA Endrin       | 5.665  | 6.537  | 56897960 | 84557361 | 38.517   | 37.020     |
| 15)                         | B Endosulfa...  | 5.953  | 6.770  | 473467   | 601856   | 0.292    | 0.267      |
| 16)                         | A 4,4'-DDD      | 5.802  | 6.665  | 48518249 | 81802646 | 40.146   | 37.640     |
| 17)                         | MA 4,4'-DDT     | 6.036  | 6.961  | 54234727 | 84236318 | 38.213   | 37.363     |
| 18)                         | B Endrin al...  | 6.108  | 6.870  | 261734   | 863893   | 0.214    | 0.453 #    |
| 19)                         | B Endosulfa...  | 0.000  | 7.059  | 0        | 138566   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 6.585  | 7.421  | 107.6E6  | 219.6E6  | 197.247  | 187.686    |
| 21)                         | B Endrin ke...  | 6.797  | 7.558  | 2808415  | 2388825  | 1.743    | 0.997 #    |
| 22)                         | Toxaphene-1     | 5.414  | 6.177  | 68084932 | 309124   | 7554.344 | 24.829 #   |
| 23)                         | Toxaphene-2     | 5.534  | 6.537  | 28867    | 84557361 | 2.878    | 5105.254 # |
| 24)                         | Toxaphene-3     | 5.877  | 6.870  | 193285   | 863893   | 26.043   | 41.803 #   |
| 25)                         | Toxaphene-4     | 5.953  | 6.961  | 473467   | 84236318 | 17.843   | 1407.983 # |
| 26)                         | Toxaphene-5     | 6.657  | 7.509  | 383878   | 1889060  | 12.686   | 67.980 #   |
| -----                       |                 |        |        |          |          |          |            |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 16:16:46 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070220CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 02 16:12:43 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

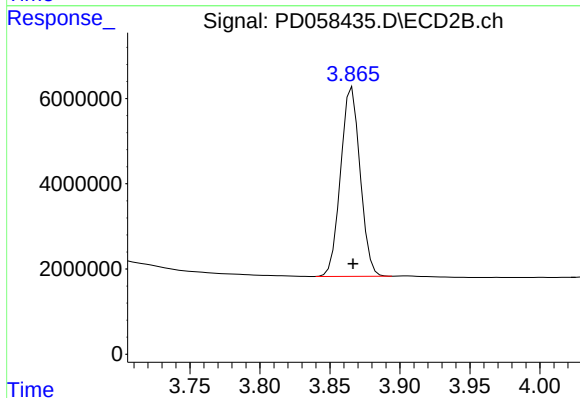




#1 Tetrachloro-m-xylene

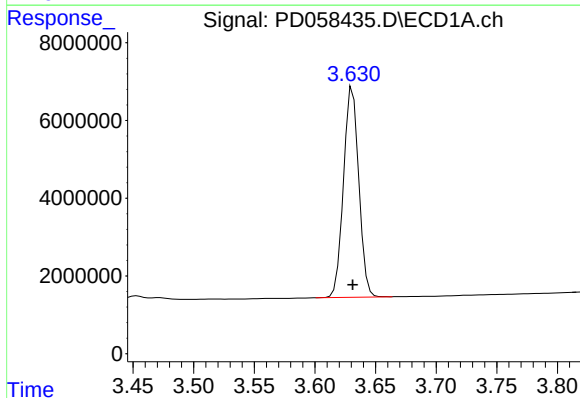
R.T.: 3.209 min  
Delta R.T.: 0.000 min  
Response: 32007803  
Conc: 19.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



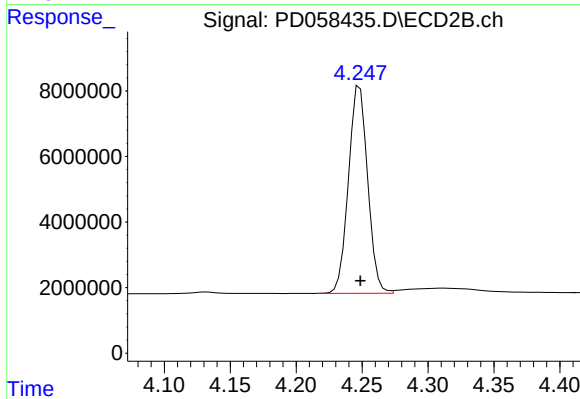
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 43031918  
Conc: 18.88 ng/ml



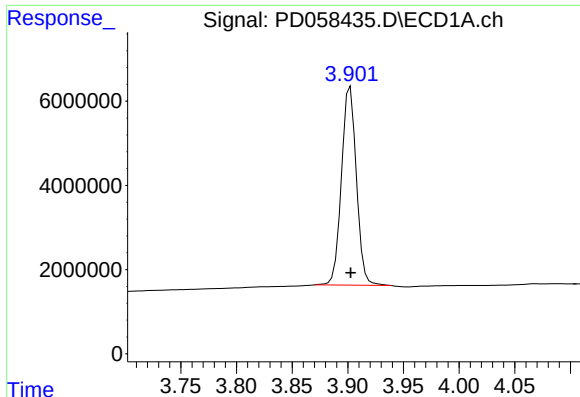
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: 0.000 min  
Response: 47352684  
Conc: 19.03 ng/ml



#2 alpha-BHC

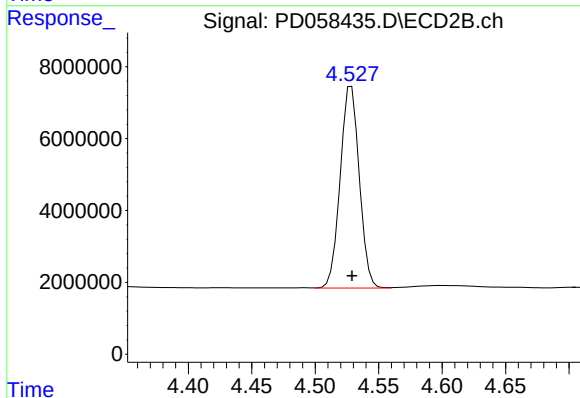
R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 64001605  
Conc: 18.91 ng/ml



#3 gamma-BHC (Lindane)

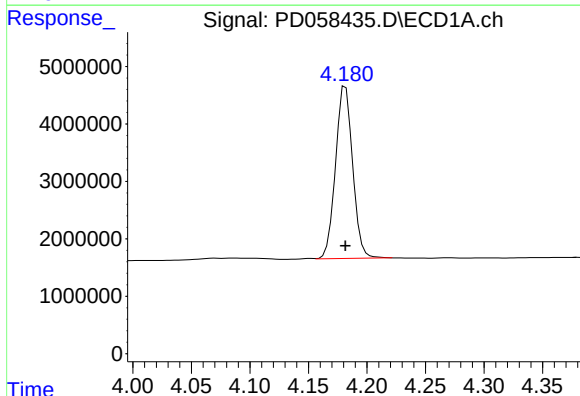
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 43993961  
Conc: 18.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



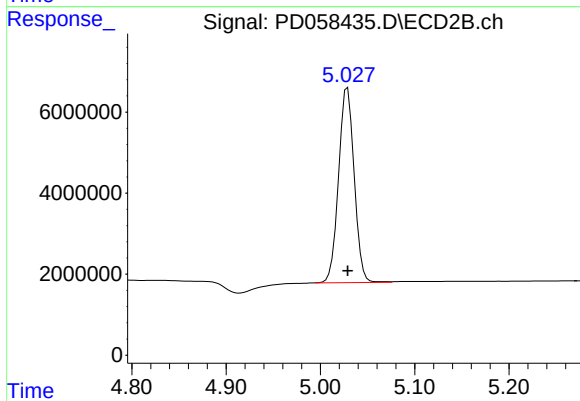
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 58786250  
Conc: 18.97 ng/ml



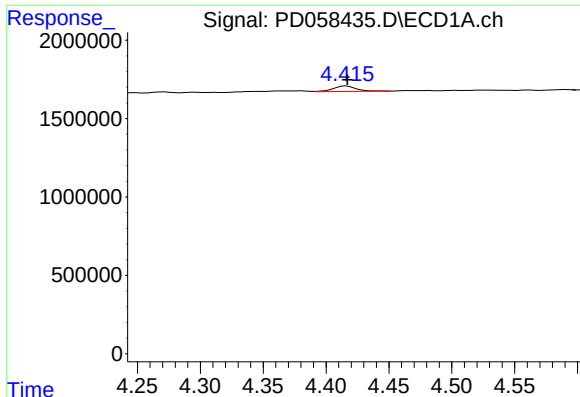
#4 Heptachlor

R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 30533347  
Conc: 19.29 ng/ml



#4 Heptachlor

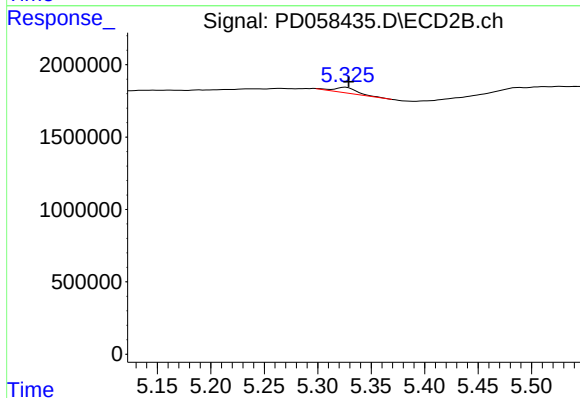
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 55388702  
Conc: 19.05 ng/ml



#5 Aldrin

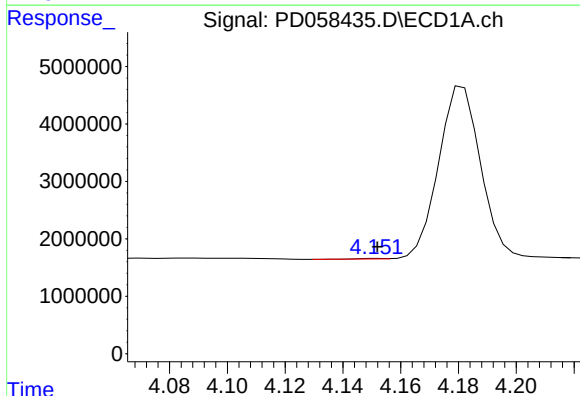
R.T.: 4.416 min  
Delta R.T.: -0.001 min  
Response: 443500  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



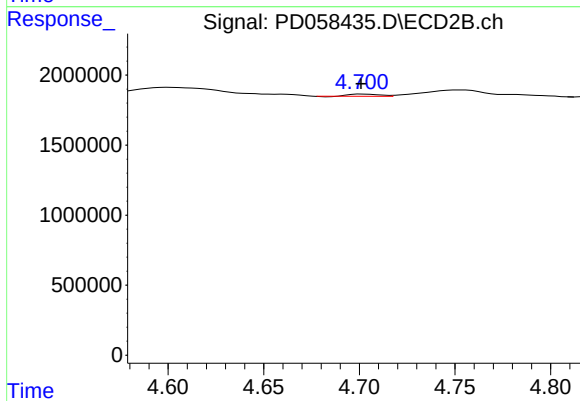
#5 Aldrin

R.T.: 5.326 min  
Delta R.T.: -0.003 min  
Response: 489211  
Conc: 0.18 ng/ml



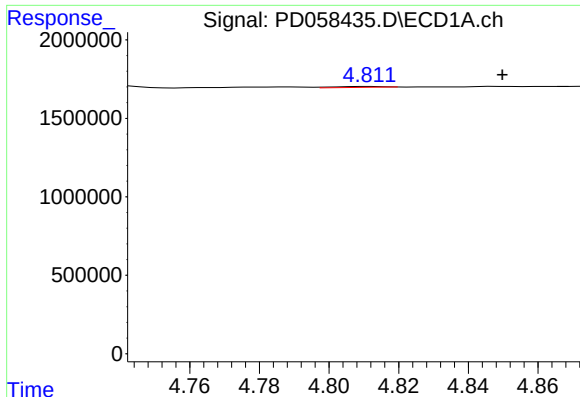
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 58434  
Conc: N.D.



#6 beta-BHC

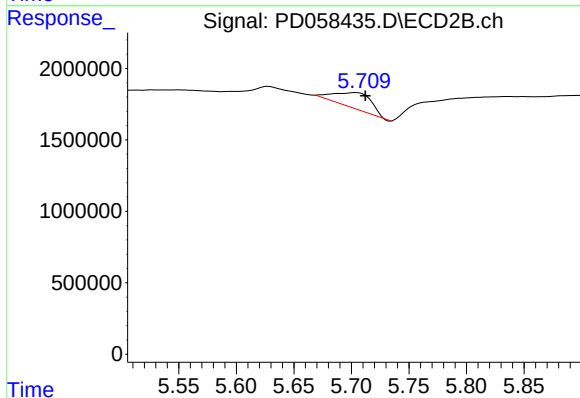
R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 176186  
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

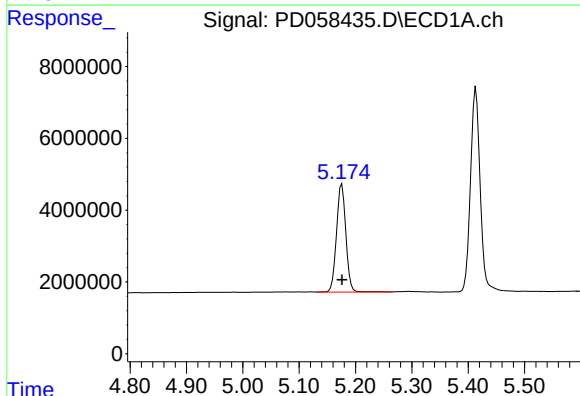
R.T.: 4.812 min  
Delta R.T.: -0.038 min  
Response: 68490  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



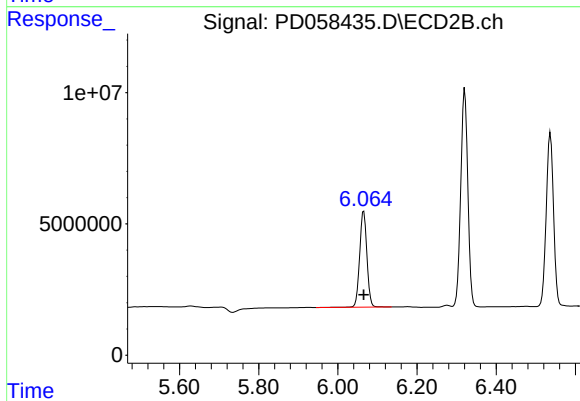
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: -0.008 min  
Response: 2542068  
Conc: 0.98 ng/ml



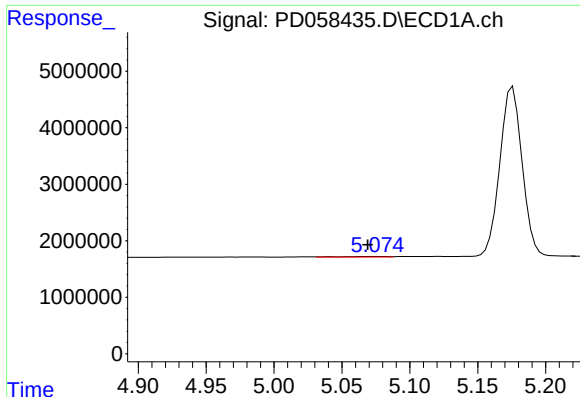
#9 Endosulfan I

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 35018431  
Conc: 19.47 ng/ml



#9 Endosulfan I

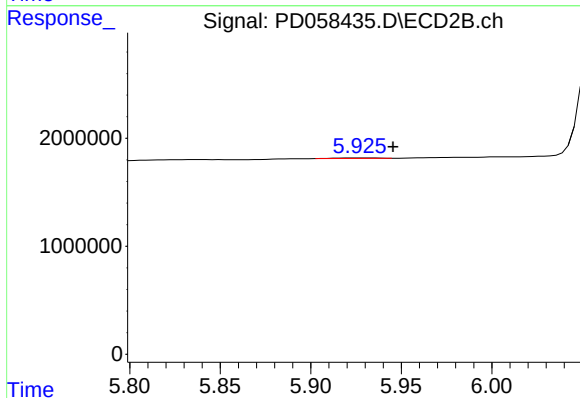
R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 46537250  
Conc: 19.06 ng/ml



#10 trans-Chlordane

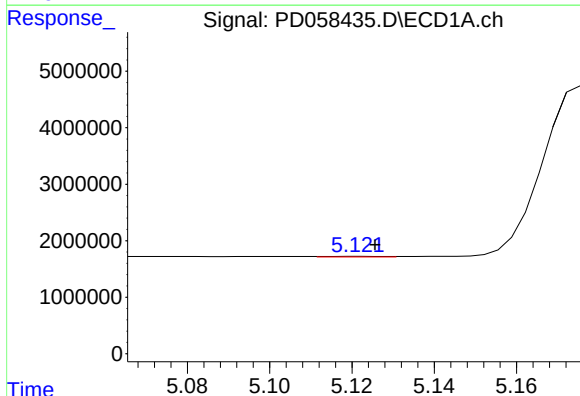
R.T.: 5.075 min  
Delta R.T.: 0.006 min  
Response: 285083  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



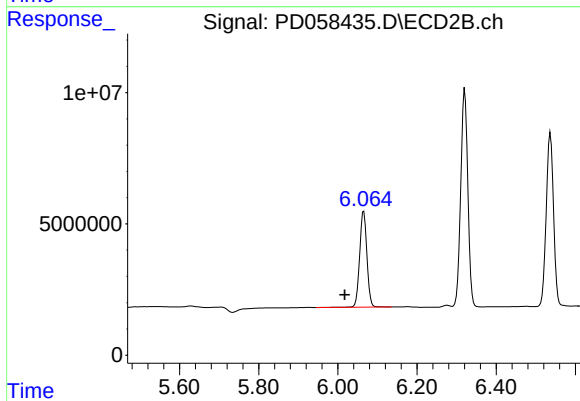
#10 trans-Chlordane

R.T.: 5.928 min  
Delta R.T.: -0.017 min  
Response: 77976  
Conc: N.D.



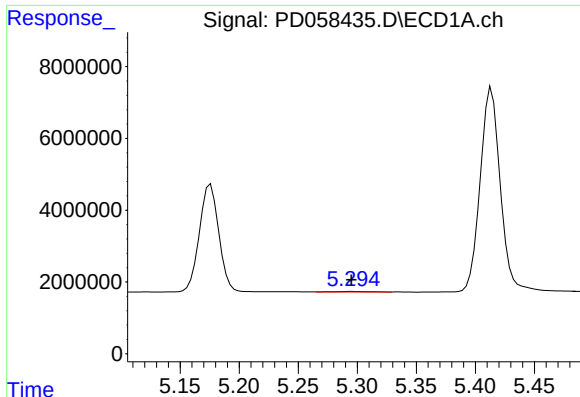
#11 cis-Chlordane

R.T.: 5.122 min  
Delta R.T.: -0.004 min  
Response: 99524  
Conc: N.D.



#11 cis-Chlordane

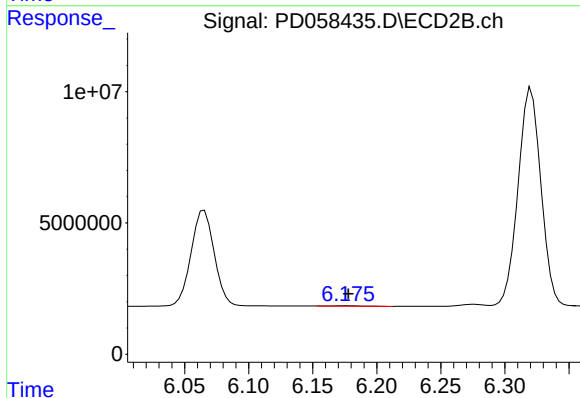
R.T.: 6.065 min  
Delta R.T.: 0.048 min  
Response: 46537250  
Conc: 17.74 ng/ml



#12 4,4'-DDE

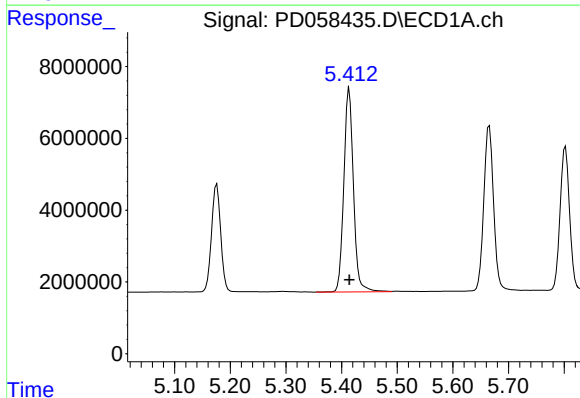
R.T.: 5.296 min  
Delta R.T.: 0.000 min  
Response: 321403  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



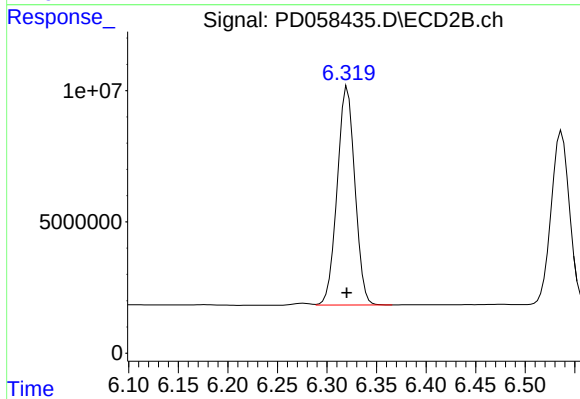
#12 4,4'-DDE

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 309124  
Conc: 0.12 ng/ml



#13 Dieldrin

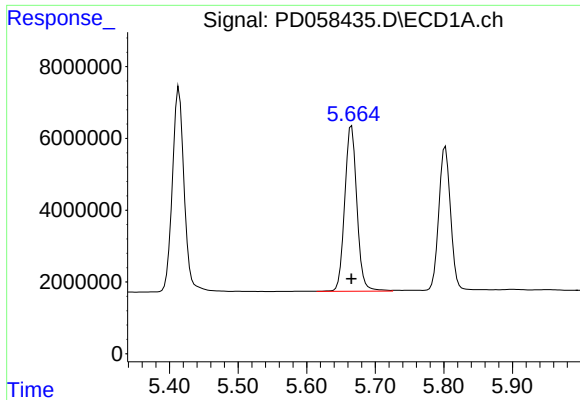
R.T.: 5.414 min  
Delta R.T.: 0.000 min  
Response: 68084932  
Conc: 39.48 ng/ml



#13 Dieldrin

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 103407057  
Conc: 37.98 ng/ml

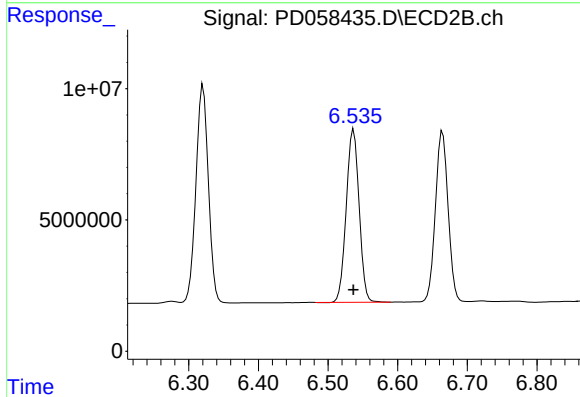




#14 Endrin

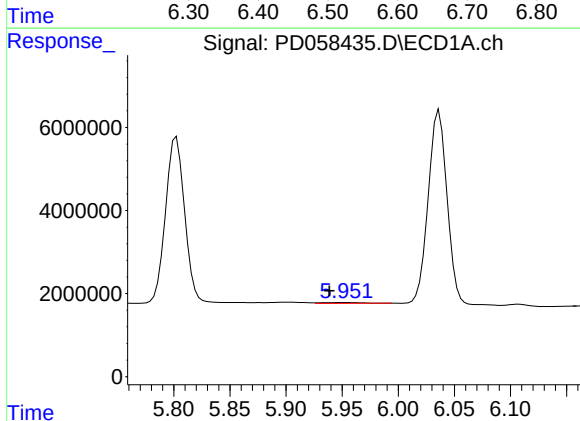
R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 56897960  
Conc: 38.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



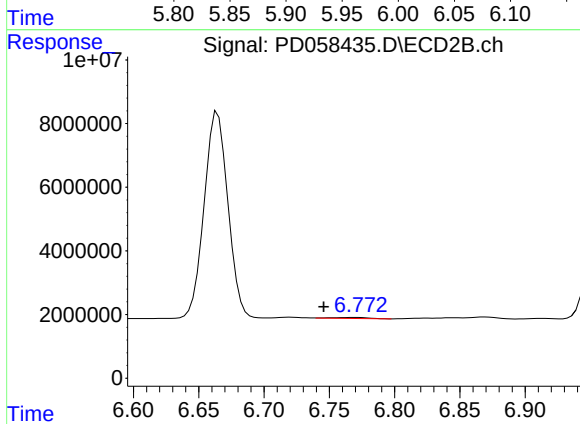
#14 Endrin

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 84557361  
Conc: 37.02 ng/ml



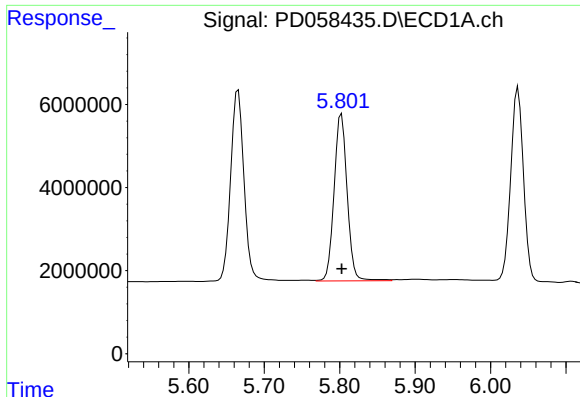
#15 Endosulfan II

R.T.: 5.953 min  
Delta R.T.: 0.014 min  
Response: 473467  
Conc: 0.29 ng/ml



#15 Endosulfan II

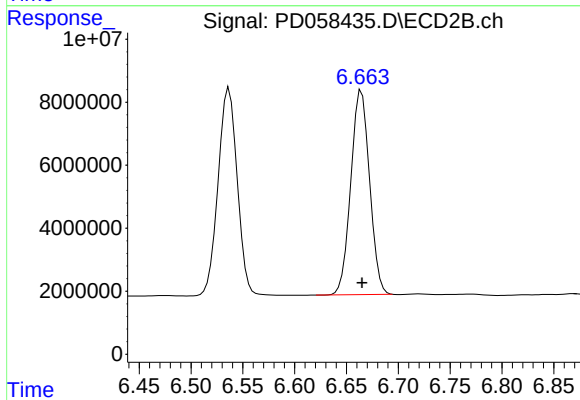
R.T.: 6.770 min  
Delta R.T.: 0.025 min  
Response: 601856  
Conc: 0.27 ng/ml



#16 4,4'-DDD

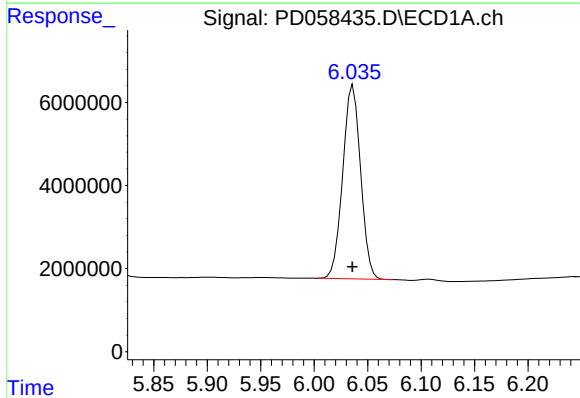
R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 48518249  
Conc: 40.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



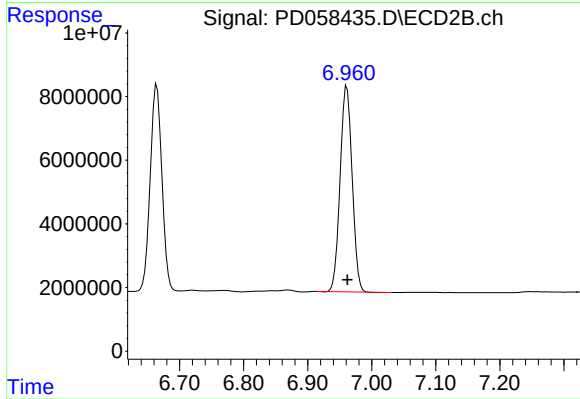
#16 4,4'-DDD

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 81802646  
Conc: 37.64 ng/ml



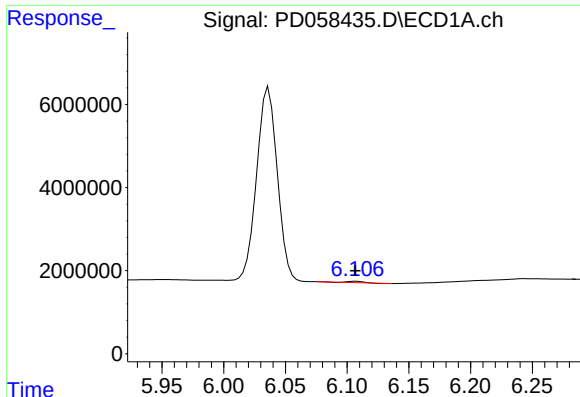
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: 0.000 min  
Response: 54234727  
Conc: 38.21 ng/ml



#17 4,4'-DDT

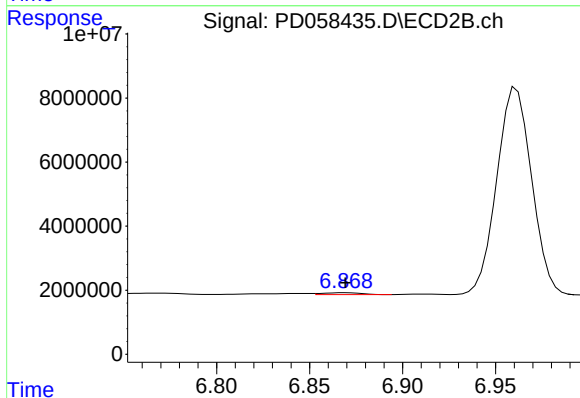
R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 84236318  
Conc: 37.36 ng/ml



#18 Endrin aldehyde

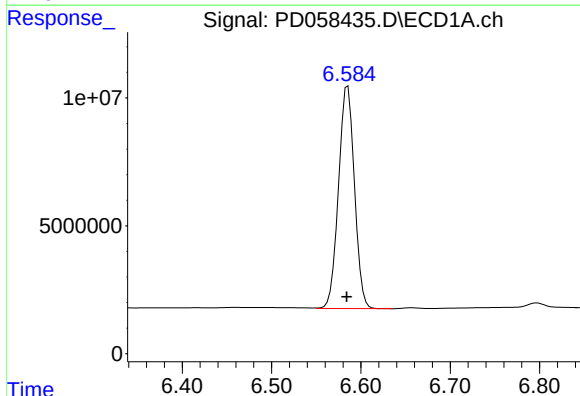
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 261734  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



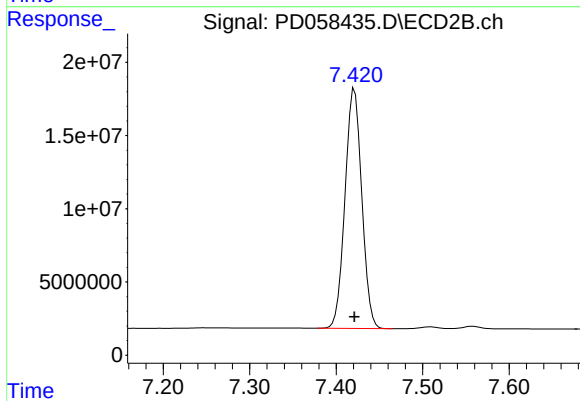
#18 Endrin aldehyde

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 863893  
Conc: 0.45 ng/ml



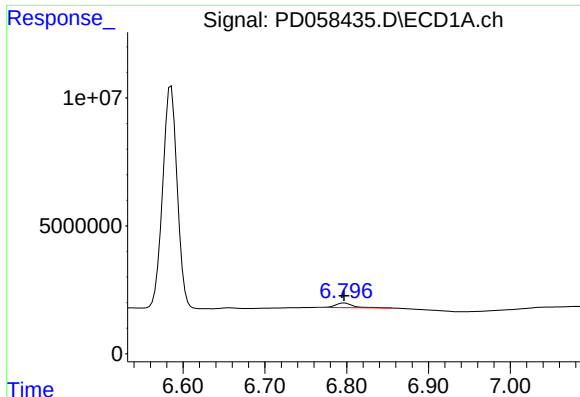
#20 Methoxychlor

R.T.: 6.585 min  
Delta R.T.: 0.001 min  
Response: 107577377  
Conc: 197.25 ng/ml



#20 Methoxychlor

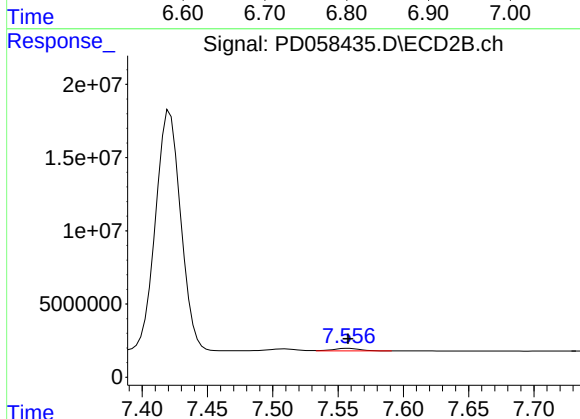
R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 219561495  
Conc: 187.69 ng/ml



#21 Endrin ketone

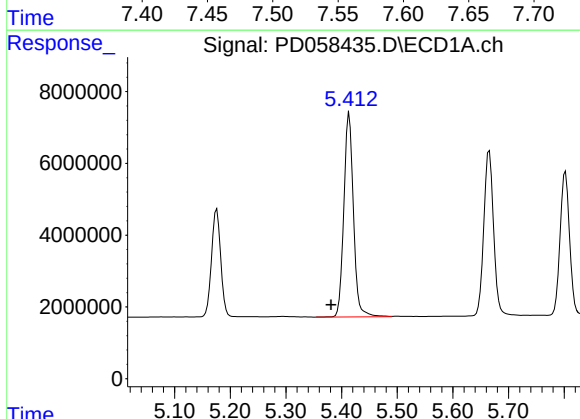
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 2808415  
Conc: 1.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



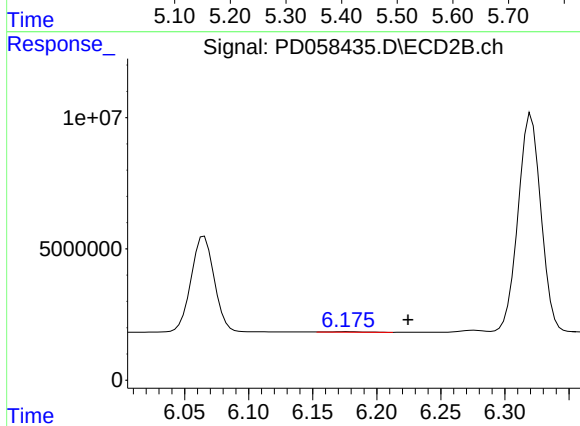
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.000 min  
Response: 2388825  
Conc: 1.00 ng/ml



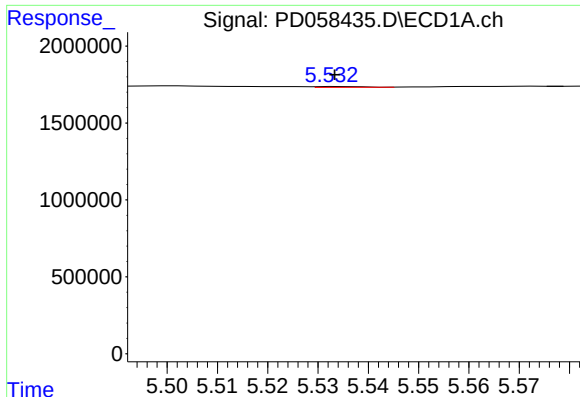
#22 Toxaphene-1

R.T.: 5.414 min  
Delta R.T.: 0.032 min  
Response: 68084932  
Conc: 7554.34 ng/ml



#22 Toxaphene-1

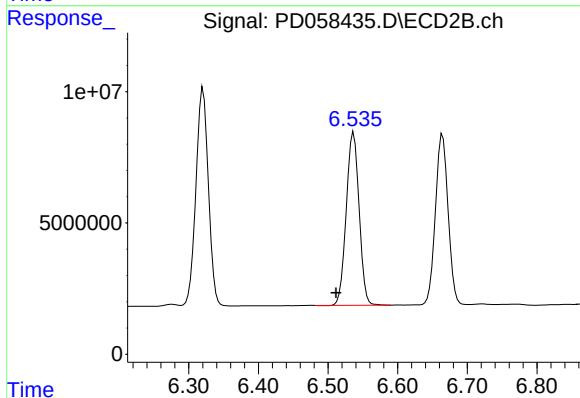
R.T.: 6.177 min  
Delta R.T.: -0.048 min  
Response: 309124  
Conc: 24.83 ng/ml



#23 Toxaphene-2

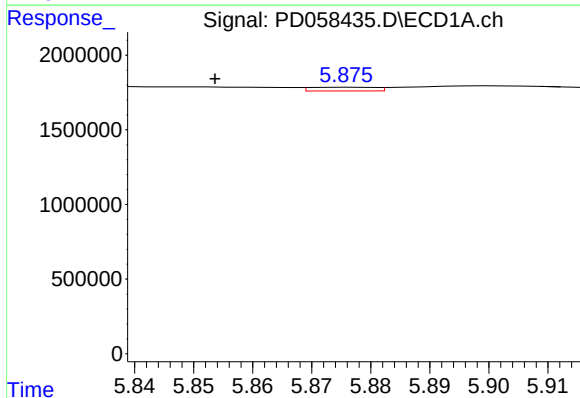
R.T.: 5.534 min  
Delta R.T.: 0.001 min  
Response: 28867  
Conc: 2.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



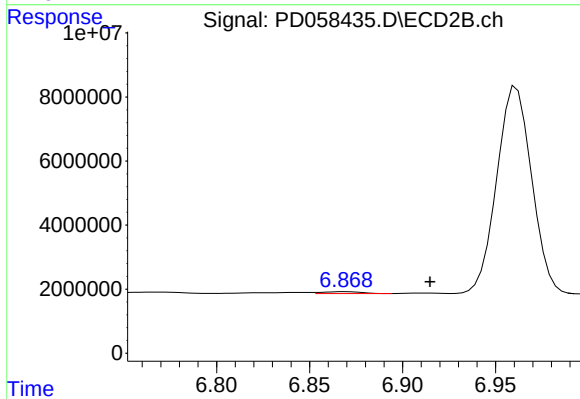
#23 Toxaphene-2

R.T.: 6.537 min  
Delta R.T.: 0.025 min  
Response: 84557361  
Conc: 5105.25 ng/ml



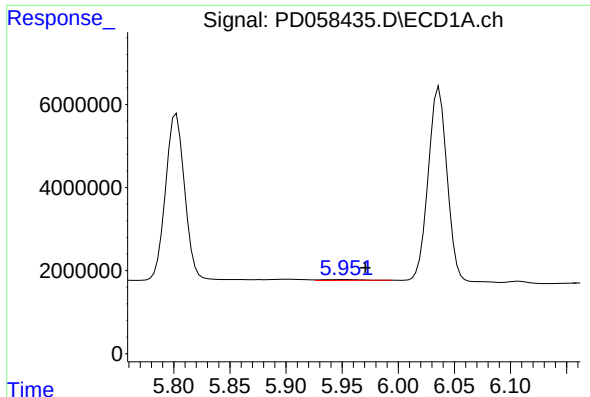
#24 Toxaphene-3

R.T.: 5.877 min  
Delta R.T.: 0.023 min  
Response: 193285  
Conc: 26.04 ng/ml



#24 Toxaphene-3

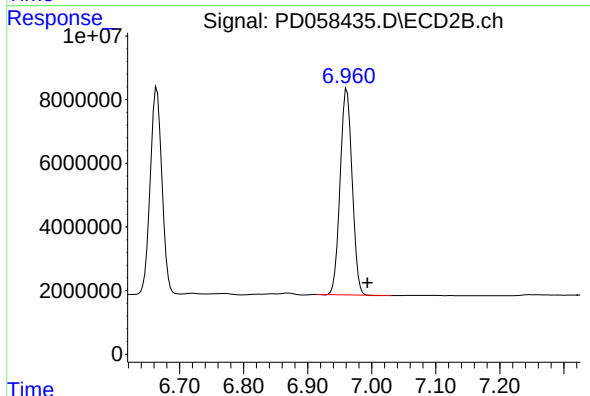
R.T.: 6.870 min  
Delta R.T.: -0.045 min  
Response: 863893  
Conc: 41.80 ng/ml



#25 Toxaphene-4

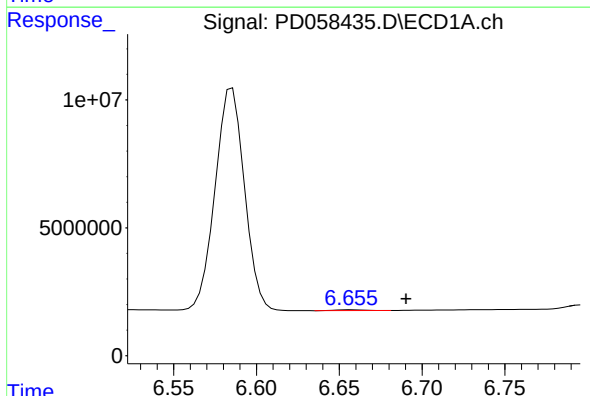
R.T.: 5.953 min  
Delta R.T.: -0.018 min  
Response: 473467  
Conc: 17.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



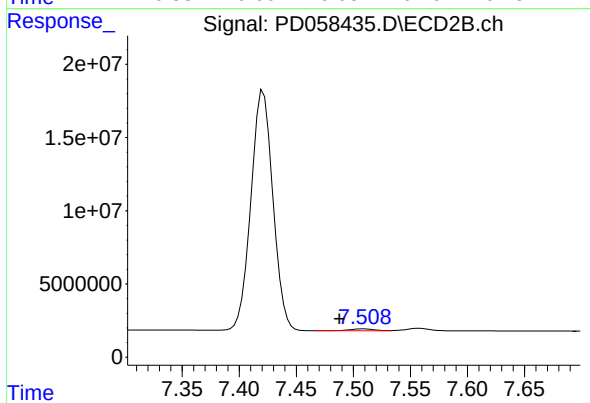
#25 Toxaphene-4

R.T.: 6.961 min  
Delta R.T.: -0.032 min  
Response: 84236318  
Conc: 1407.98 ng/ml



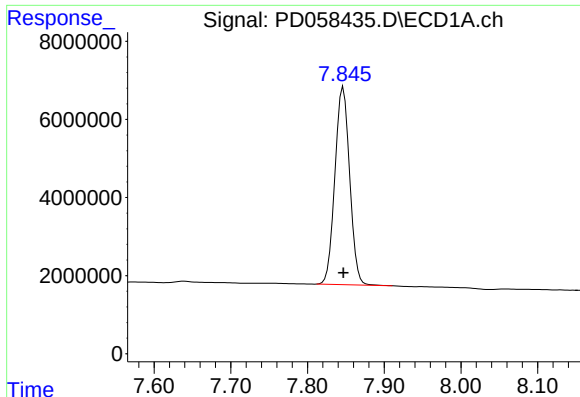
#26 Toxaphene-5

R.T.: 6.657 min  
Delta R.T.: -0.033 min  
Response: 383878  
Conc: 12.69 ng/ml



#26 Toxaphene-5

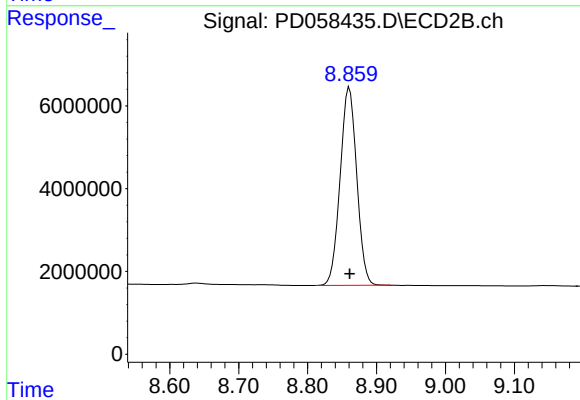
R.T.: 7.509 min  
Delta R.T.: 0.021 min  
Response: 1889060  
Conc: 67.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.847 min  
Delta R.T.: 0.000 min  
Response: 67575259  
Conc: 38.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.000 min  
Response: 80179852  
Conc: 37.74 ng/ml