

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051023\  
 Data File : PD075406.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2023 21:07  
 Operator : AR\AJ  
 Sample : 02591-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 05:13:01 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

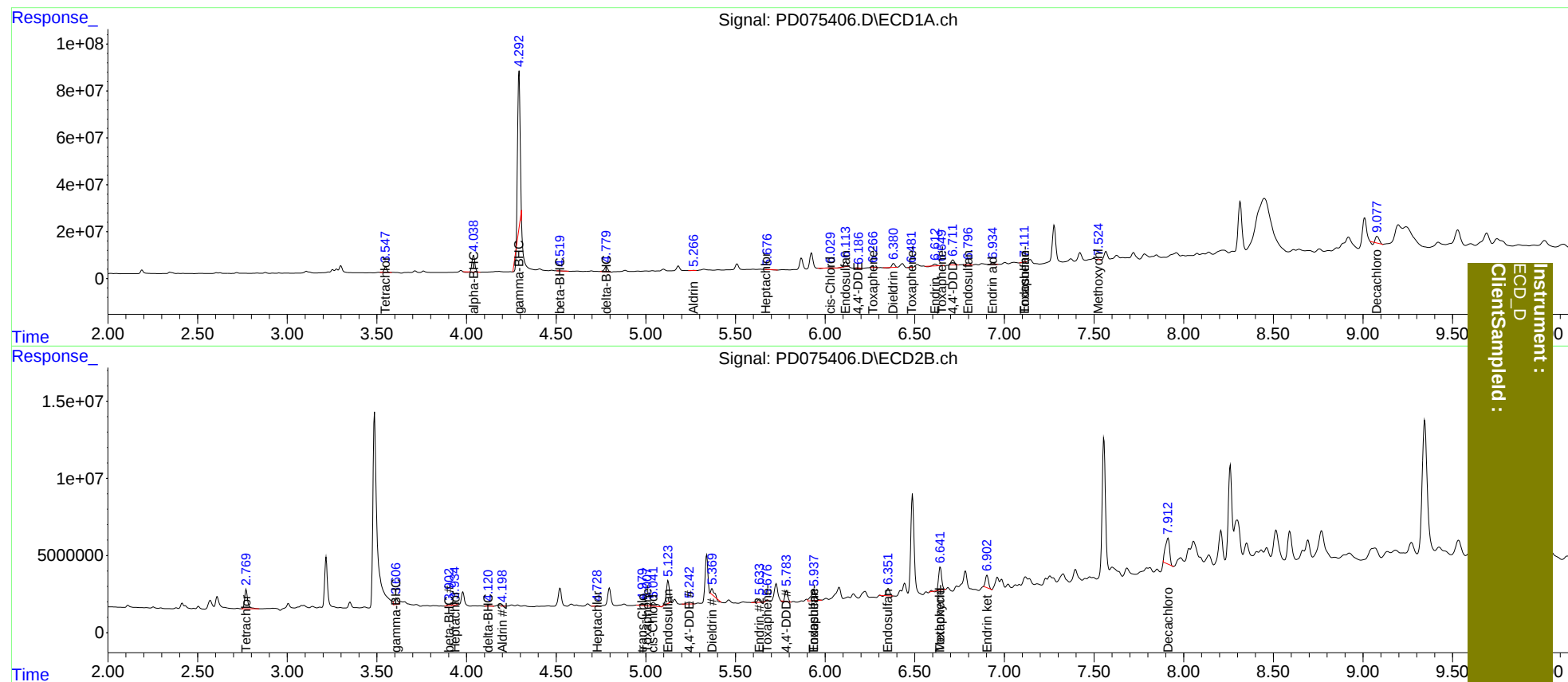
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.549  | 2.771  | 25565625 | 14903424 | 11.209  | 14.130 #   |
| 27)                         | SA Decachlor... | 9.079  | 7.913  | 32397715 | 27786602 | 13.091  | 29.423 #   |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.039f | 0.000  | 78605747 | 0        | 20.441  | N.D. #     |
| 3)                          | MA gamma-BHC... | 4.293f | 3.608  | 608.7E6  | 5644105  | 169.302 | 3.840 #    |
| 4)                          | MA Heptachlor   | 4.917  | 3.936  | -597781  | 1673581  | N.D.    | 1.145      |
| 5)                          | MB Aldrin       | 5.268  | 4.200f | 715549   | 322435   | 0.196   | 0.217      |
| 6)                          | B beta-BHC      | 4.520  | 3.903  | 323536   | 1057610  | 0.197   | 1.452 #    |
| 7)                          | B delta-BHC     | 4.780  | 4.121  | 29915547 | 788924   | 8.850   | 0.499 #    |
| 8)                          | B Heptachlo...  | 5.670  | 4.729  | 970740   | 381433   | 0.286   | 0.273      |
| 9)                          | A Endosulfan I  | 6.115  | 5.124  | 26246840 | 17198788 | 8.701   | 14.330 #   |
| 10)                         | B trans-Chl...  | 0.000  | 4.980  | 0        | 1788307  | N.D.    | 1.311      |
| 11)                         | B cis-Chlor...  | 6.031  | 5.042  | 3528443  | 5269223  | 1.035   | 3.776 #    |
| 12)                         | B 4,4'-DDE      | 6.182  | 5.244  | 870448   | 2090387  | 0.267   | 1.626 #    |
| 13)                         | MA Dieldrin     | 6.382  | 5.369  | 16074689 | 3115461  | 4.701   | 2.283 #    |
| 14)                         | MA Endrin       | 6.614  | 5.634  | 8326764  | 3255068  | 2.879   | 2.676      |
| 15)                         | B Endosulfa...  | 6.798  | 5.938  | 13025571 | 11665527 | 4.045   | 9.117 #    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.785  | 29814095 | 7392674  | 12.337  | 7.457 #    |
| 18)                         | B Endrin al...  | 6.936  | 6.129  | 10964193 | -2835368 | 4.635   | N.D. #     |
| 19)                         | B Endosulfa...  | 7.113f | 6.352  | 2105252  | 5587208  | 0.765   | 4.804 #    |
| 20)                         | A Methoxychlor  | 7.526  | 6.642  | 3007246  | 17281956 | 2.047   | 30.172 #   |
| 21)                         | B Endrin ke...  | 7.660  | 6.903f | -6081110 | 9617388  | N.D.    | 7.294      |
| 22)                         | Toxaphene-1     | 6.267  | 5.008  | 4812449  | 2800881  | 209.182 | 405.529 #  |
| 23)                         | Toxaphene-2     | 6.482  | 5.677  | 1711141  | 384543   | 57.346  | 48.159     |
| 24)                         | Toxaphene-3     | 6.650  | 5.938  | 1571637  | 11665527 | 74.507  | 1331.473 # |
| 25)                         | Toxaphene-4     | 7.113f | 6.642f | 2105252  | 17281956 | 32.293  | 682.603 #  |
| -----                       |                 |        |        |          |          |         |            |

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

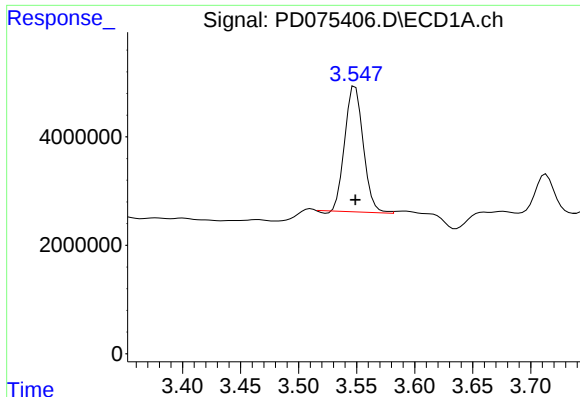
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051023\  
Data File : PD075406.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2023 21:07  
Operator : AR\AJ  
Sample : 02591-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 05:13:01 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



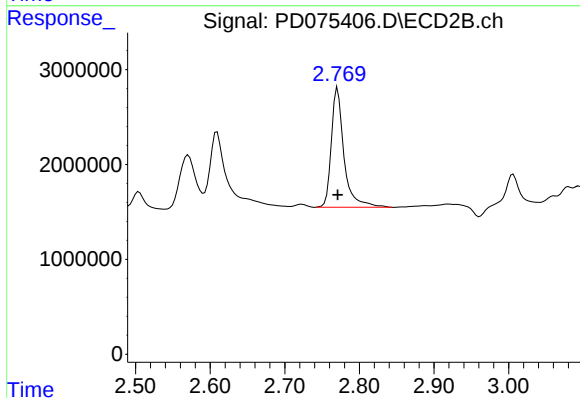
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

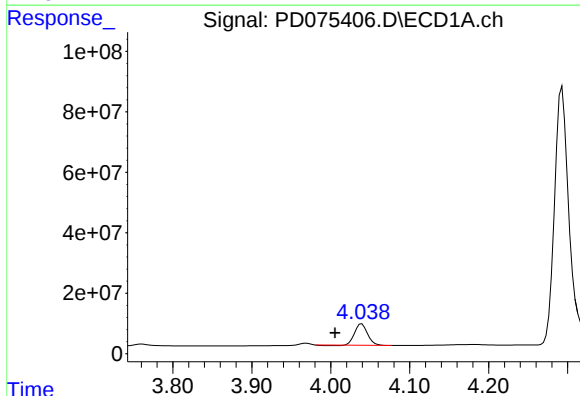
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 25565625  
Conc: 11.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



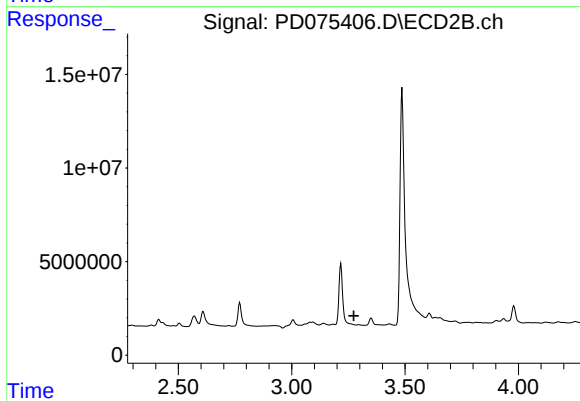
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 14903424  
Conc: 14.13 ng/ml



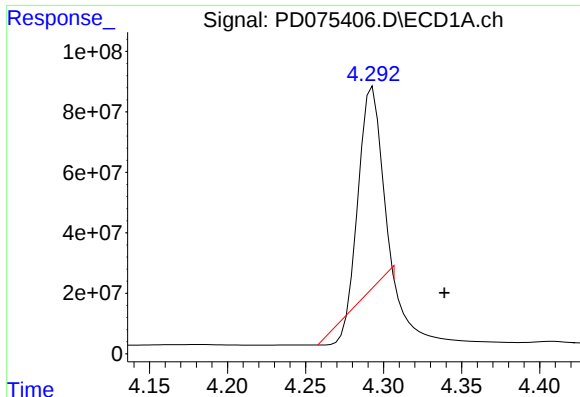
#2 alpha-BHC

R.T.: 4.039 min  
Delta R.T.: 0.034 min  
Response: 78605747  
Conc: 20.44 ng/ml



#2 alpha-BHC

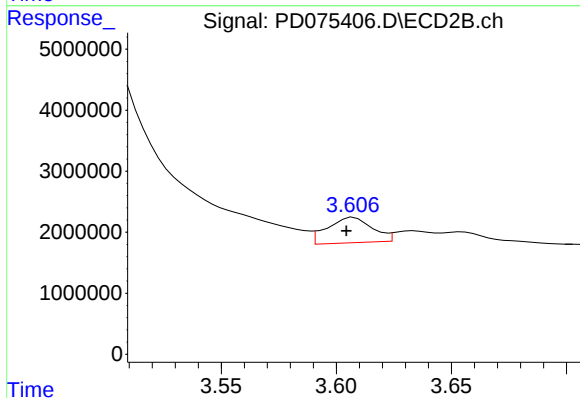
R.T.: 0.000 min  
Exp R.T. : 3.274 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

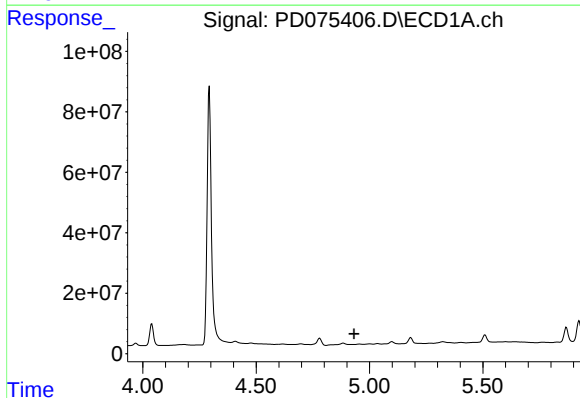
R.T.: 4.293 min  
Delta R.T.: -0.046 min  
Response: 608656102  
Conc: 169.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



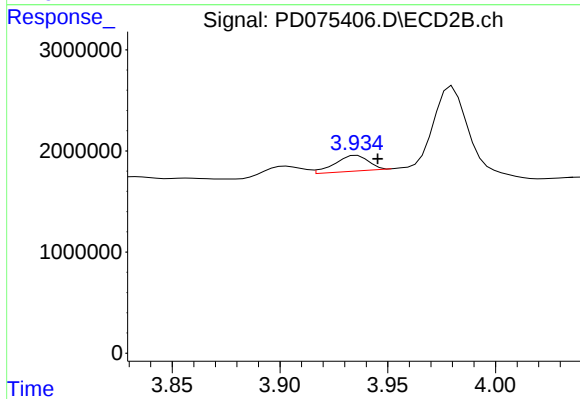
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.003 min  
Response: 5644105  
Conc: 3.84 ng/ml



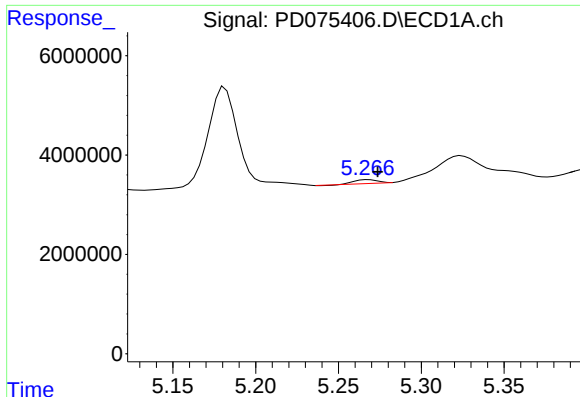
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: -0.015 min  
Response: -597781  
Conc: N.D.



#4 Heptachlor

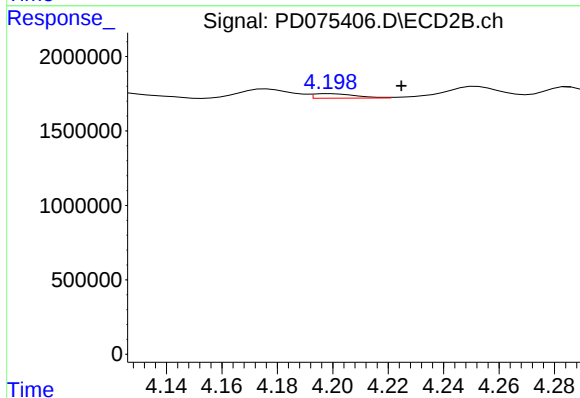
R.T.: 3.936 min  
Delta R.T.: -0.010 min  
Response: 1673581  
Conc: 1.15 ng/ml



#5 Aldrin

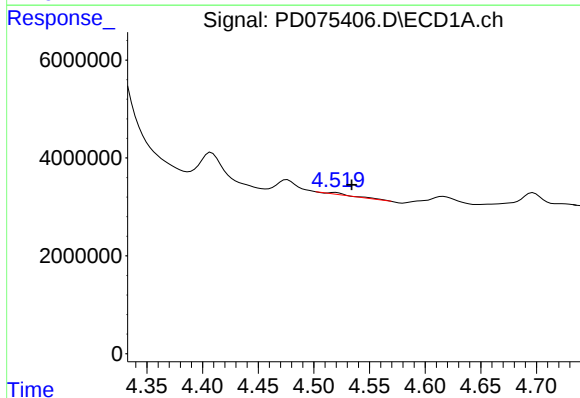
R.T.: 5.268 min  
Delta R.T.: -0.005 min  
Response: 715549  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



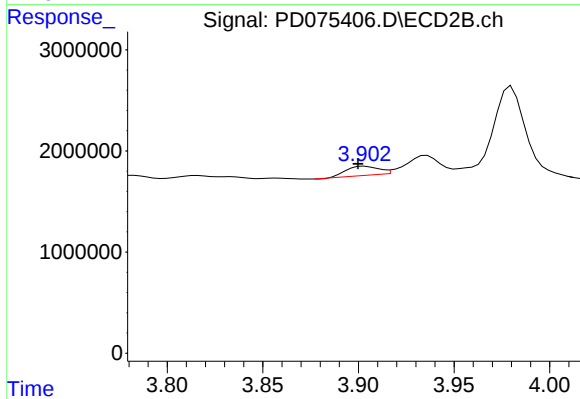
#5 Aldrin

R.T.: 4.200 min  
Delta R.T.: -0.025 min  
Response: 322435  
Conc: 0.22 ng/ml



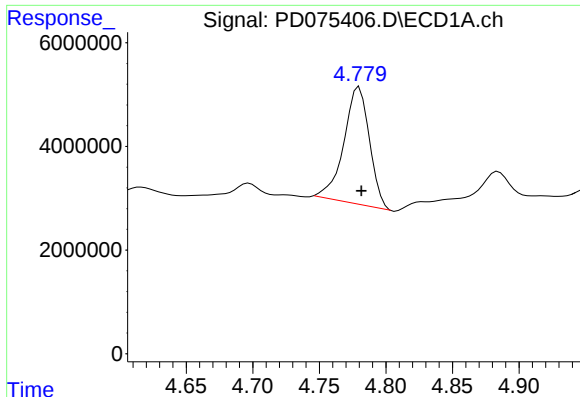
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.014 min  
Response: 323536  
Conc: 0.20 ng/ml



#6 beta-BHC

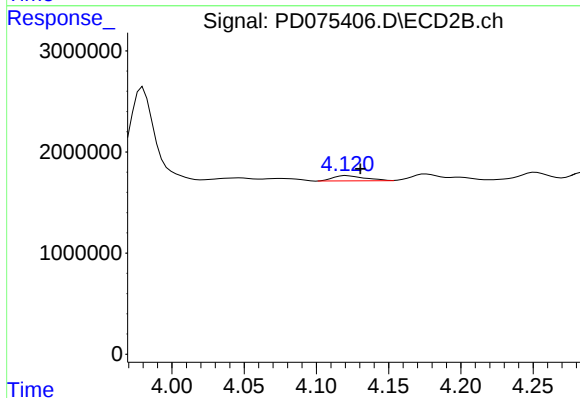
R.T.: 3.903 min  
Delta R.T.: 0.003 min  
Response: 1057610  
Conc: 1.45 ng/ml



#7 delta-BHC

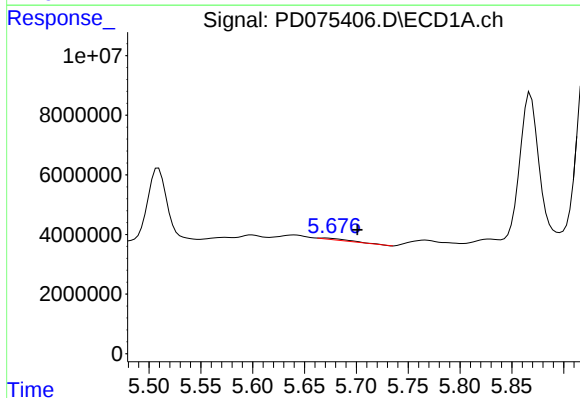
R.T.: 4.780 min  
Delta R.T.: -0.002 min  
Response: 29915547  
Conc: 8.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



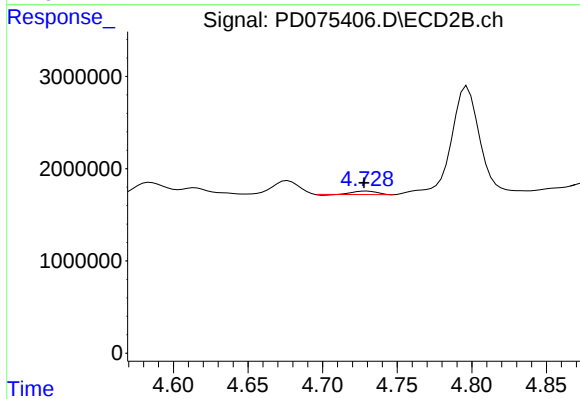
#7 delta-BHC

R.T.: 4.121 min  
Delta R.T.: -0.009 min  
Response: 788924  
Conc: 0.50 ng/ml



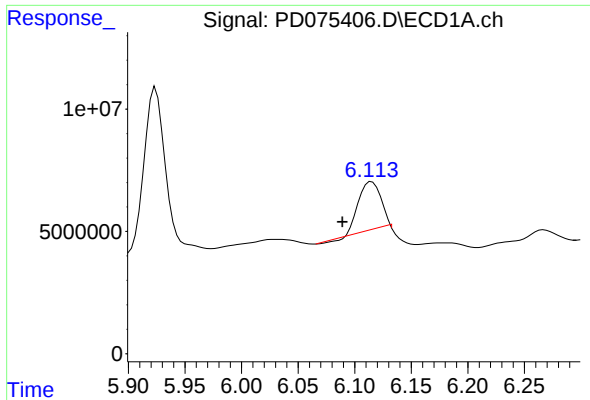
#8 Heptachlor epoxide

R.T.: 5.670 min  
Delta R.T.: -0.031 min  
Response: 970740  
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

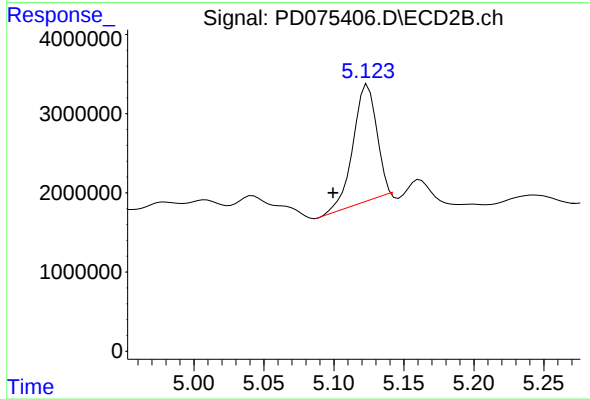
R.T.: 4.729 min  
Delta R.T.: 0.002 min  
Response: 381433  
Conc: 0.27 ng/ml



#9 Endosulfan I

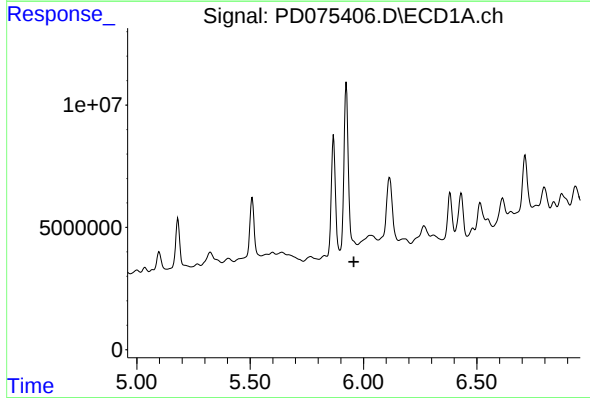
R.T.: 6.115 min  
Delta R.T.: 0.026 min  
Response: 26246840  
Conc: 8.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



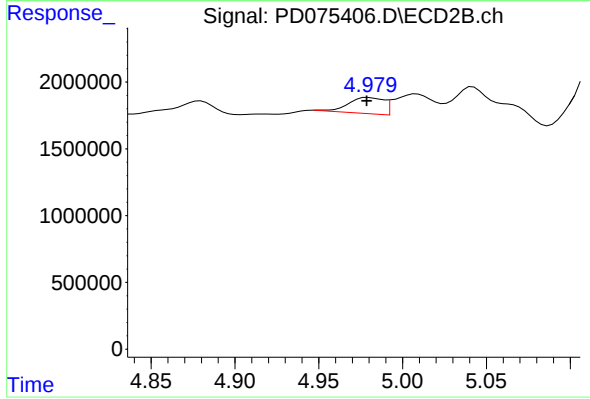
#9 Endosulfan I

R.T.: 5.124 min  
Delta R.T.: 0.025 min  
Response: 17198788  
Conc: 14.33 ng/ml



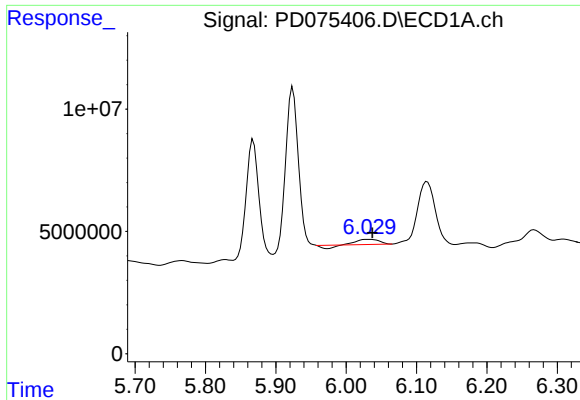
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.958 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

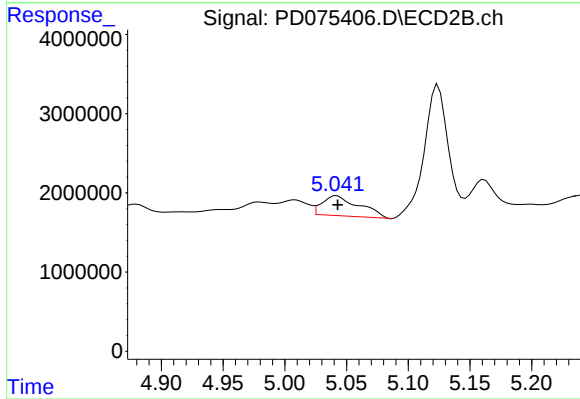
R.T.: 4.980 min  
Delta R.T.: 0.000 min  
Response: 1788307  
Conc: 1.31 ng/ml



#11 cis-Chlordane

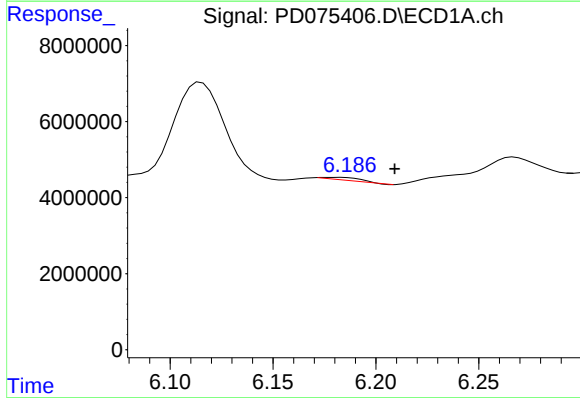
R.T.: 6.031 min  
Delta R.T.: -0.006 min  
Response: 3528443  
Conc: 1.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



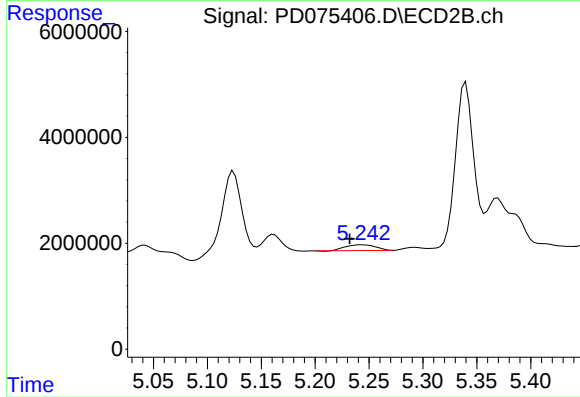
#11 cis-Chlordane

R.T.: 5.042 min  
Delta R.T.: 0.000 min  
Response: 5269223  
Conc: 3.78 ng/ml



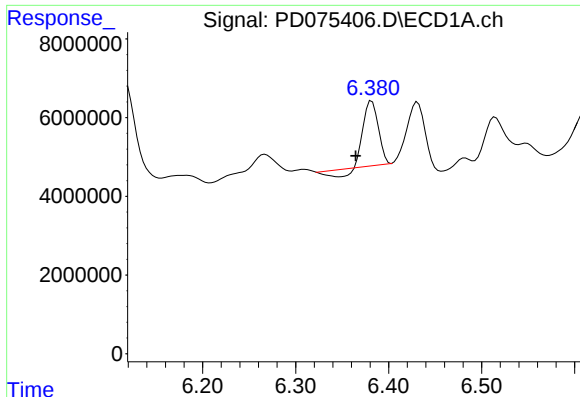
#12 4,4'-DDE

R.T.: 6.182 min  
Delta R.T.: -0.027 min  
Response: 870448  
Conc: 0.27 ng/ml



#12 4,4'-DDE

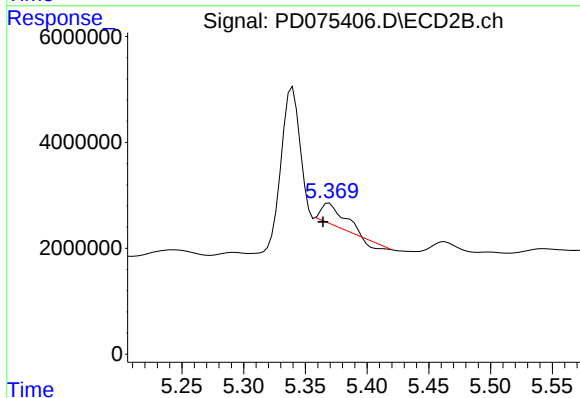
R.T.: 5.244 min  
Delta R.T.: 0.012 min  
Response: 2090387  
Conc: 1.63 ng/ml



#13 Dieldrin

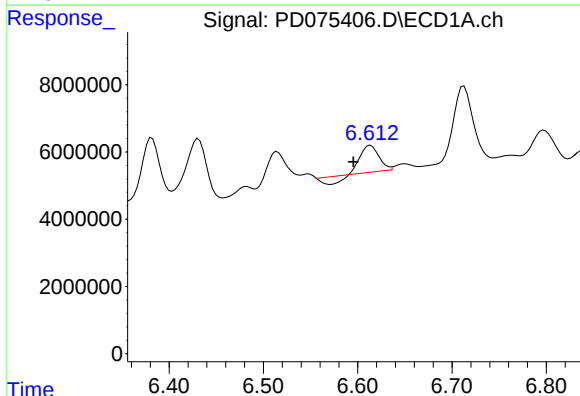
R.T.: 6.382 min  
Delta R.T.: 0.017 min  
Response: 16074689  
Conc: 4.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



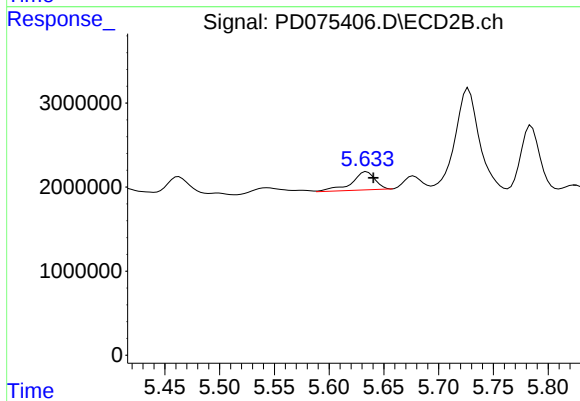
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: 0.005 min  
Response: 3115461  
Conc: 2.28 ng/ml



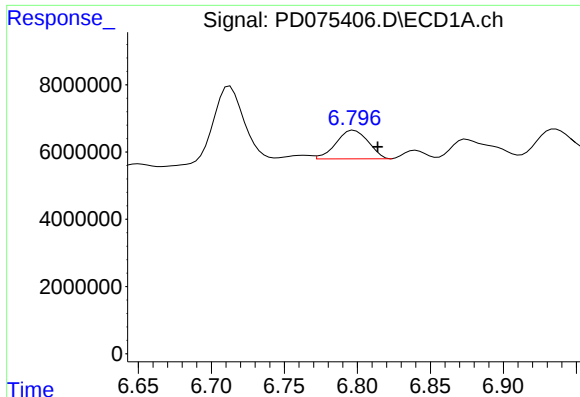
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.018 min  
Response: 8326764  
Conc: 2.88 ng/ml



#14 Endrin

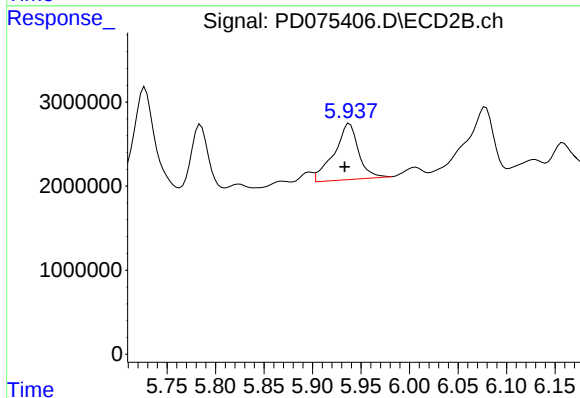
R.T.: 5.634 min  
Delta R.T.: -0.006 min  
Response: 3255068  
Conc: 2.68 ng/ml



#15 Endosulfan II

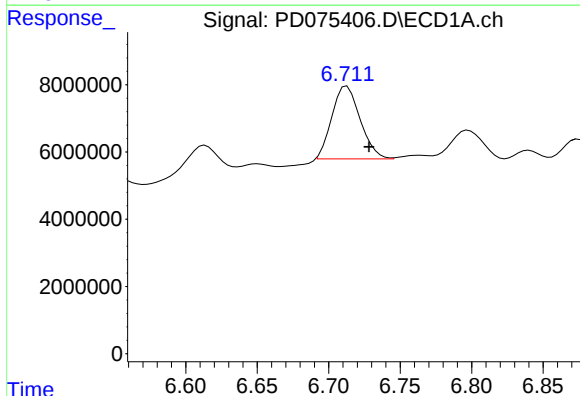
R.T.: 6.798 min  
Delta R.T.: -0.016 min  
Response: 13025571  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



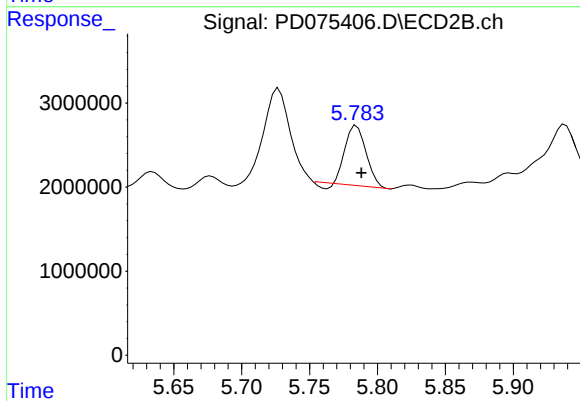
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.005 min  
Response: 11665527  
Conc: 9.12 ng/ml



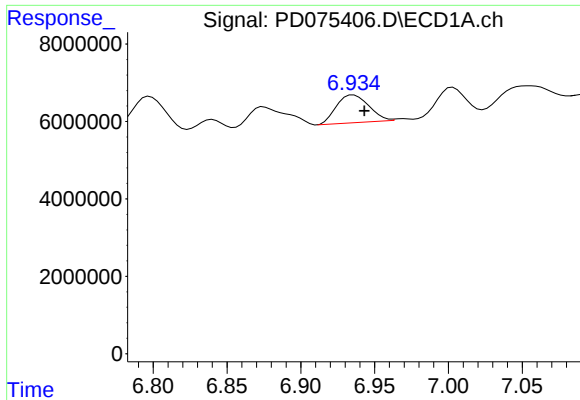
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.015 min  
Response: 29814095  
Conc: 12.34 ng/ml



#16 4,4'-DDD

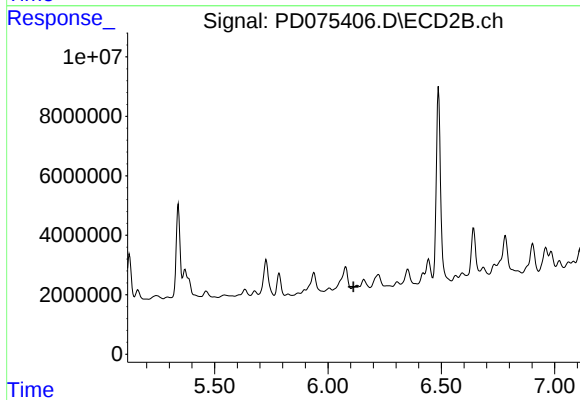
R.T.: 5.785 min  
Delta R.T.: -0.004 min  
Response: 7392674  
Conc: 7.46 ng/ml



#18 Endrin aldehyde

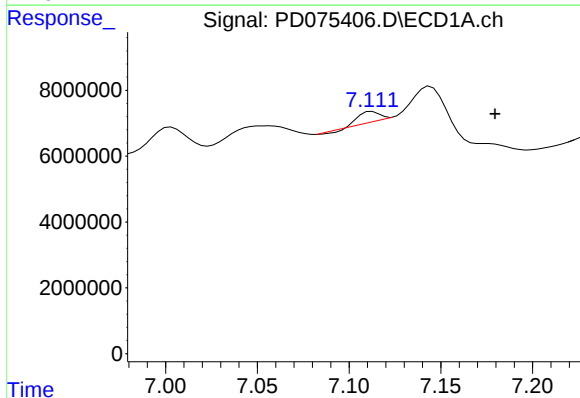
R.T.: 6.936 min  
Delta R.T.: -0.008 min  
Response: 10964193  
Conc: 4.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



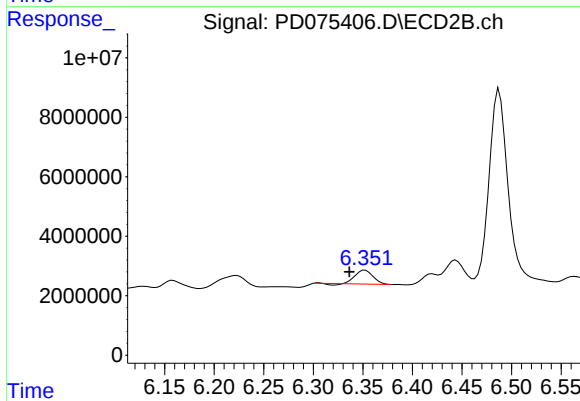
#18 Endrin aldehyde

R.T.: 6.129 min  
Delta R.T.: 0.016 min  
Response: -2835368  
Conc: N.D.



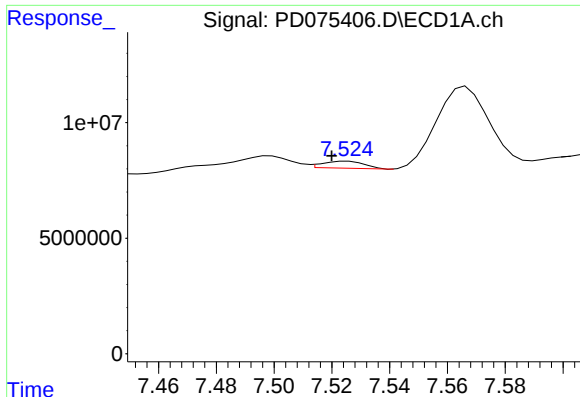
#19 Endosulfan Sulfate

R.T.: 7.113 min  
Delta R.T.: -0.067 min  
Response: 2105252  
Conc: 0.77 ng/ml



#19 Endosulfan Sulfate

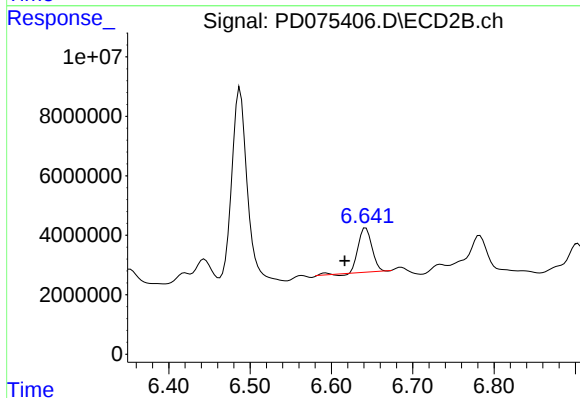
R.T.: 6.352 min  
Delta R.T.: 0.016 min  
Response: 5587208  
Conc: 4.80 ng/ml



#20 Methoxychlor

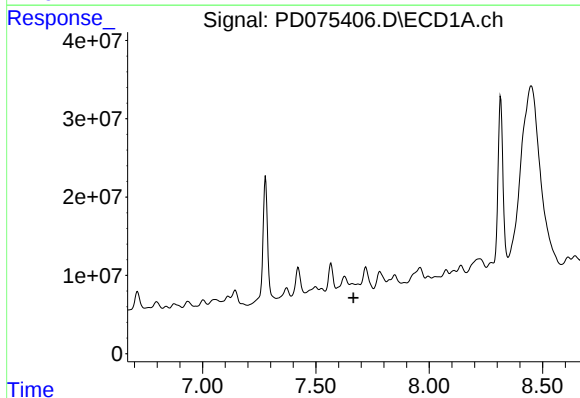
R.T.: 7.526 min  
Delta R.T.: 0.006 min  
Response: 3007246  
Conc: 2.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



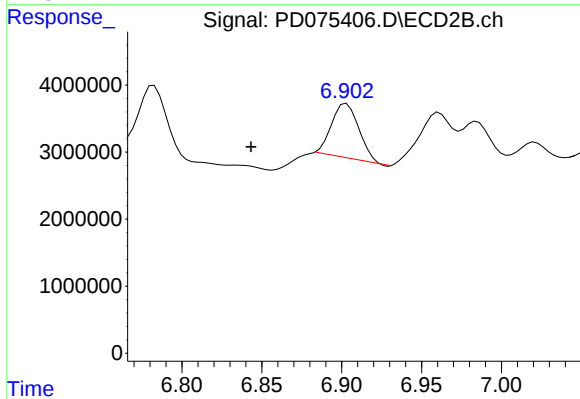
#20 Methoxychlor

R.T.: 6.642 min  
Delta R.T.: 0.026 min  
Response: 17281956  
Conc: 30.17 ng/ml



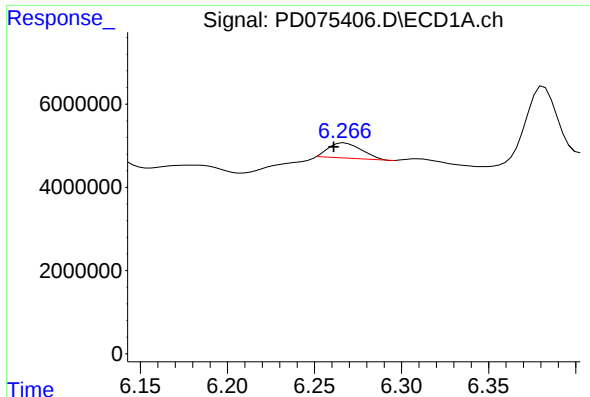
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: -0.006 min  
Response: -6081110  
Conc: N.D.



#21 Endrin ketone

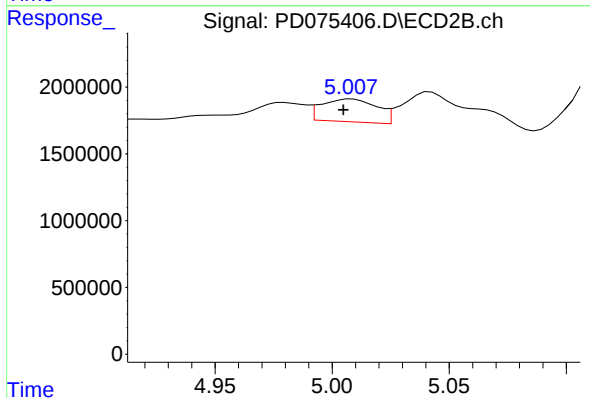
R.T.: 6.903 min  
Delta R.T.: 0.060 min  
Response: 9617388  
Conc: 7.29 ng/ml



#22 Toxaphene-1

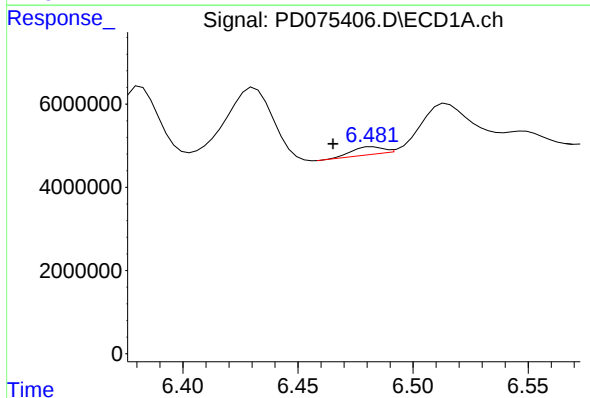
R.T.: 6.267 min  
Delta R.T.: 0.006 min  
Response: 4812449  
Conc: 209.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



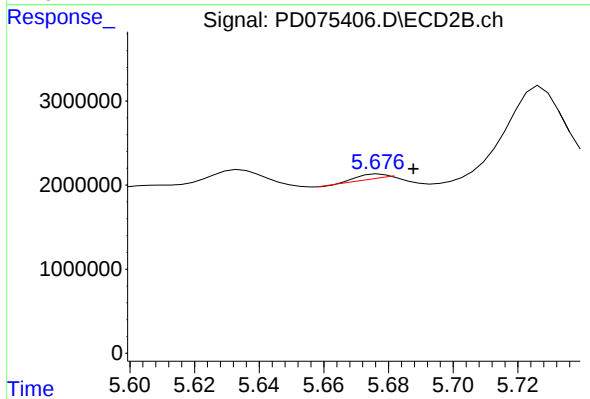
#22 Toxaphene-1

R.T.: 5.008 min  
Delta R.T.: 0.004 min  
Response: 2800881  
Conc: 405.53 ng/ml



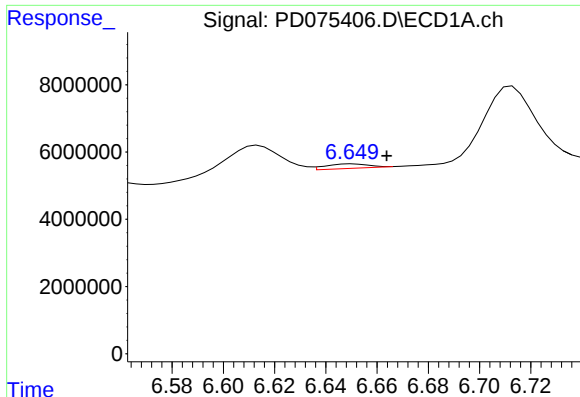
#23 Toxaphene-2

R.T.: 6.482 min  
Delta R.T.: 0.017 min  
Response: 1711141  
Conc: 57.35 ng/ml



#23 Toxaphene-2

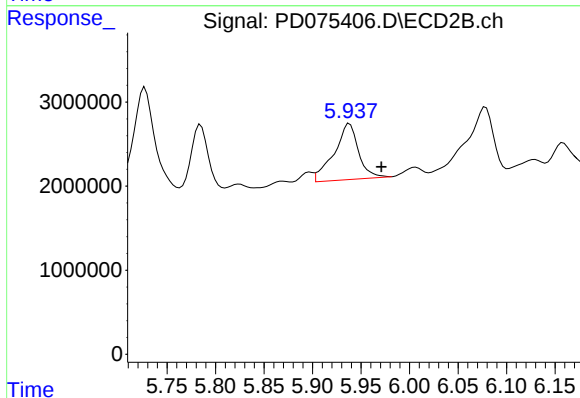
R.T.: 5.677 min  
Delta R.T.: -0.011 min  
Response: 384543  
Conc: 48.16 ng/ml



#24 Toxaphene-3

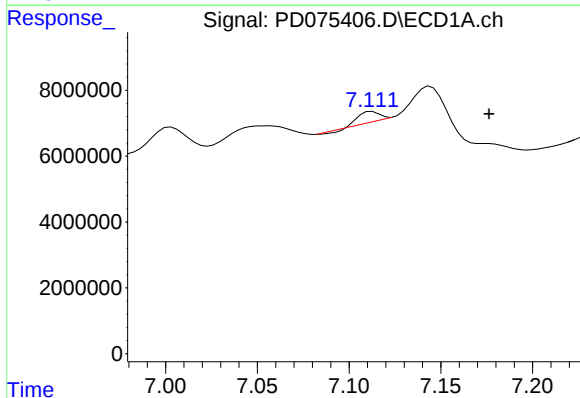
R.T.: 6.650 min  
Delta R.T.: -0.013 min  
Response: 1571637  
Conc: 74.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



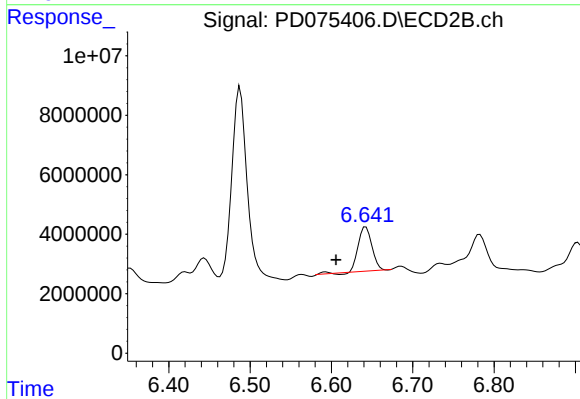
#24 Toxaphene-3

R.T.: 5.938 min  
Delta R.T.: -0.033 min  
Response: 11665527  
Conc: 1331.47 ng/ml



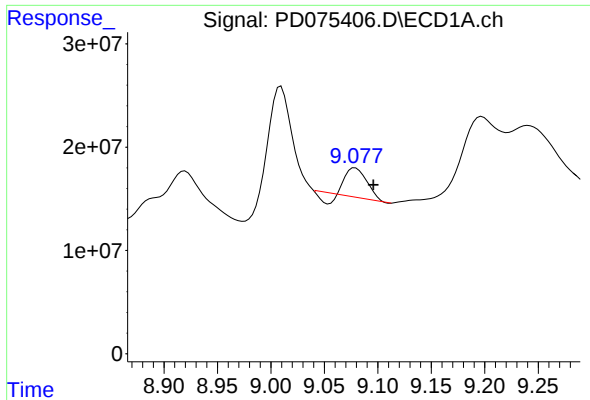
#25 Toxaphene-4

R.T.: 7.113 min  
Delta R.T.: -0.064 min  
Response: 2105252  
Conc: 32.29 ng/ml



#25 Toxaphene-4

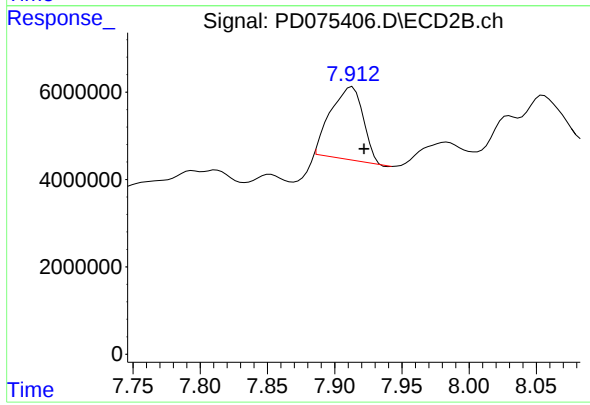
R.T.: 6.642 min  
Delta R.T.: 0.037 min  
Response: 17281956  
Conc: 682.60 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: -0.017 min  
Response: 32397715  
Conc: 13.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.009 min  
Response: 27786602  
Conc: 29.42 ng/ml