

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090923\  
 Data File : PD077767.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2023 09:19  
 Operator : AR\AJ  
 Sample : 04235-02DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 22:45:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 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

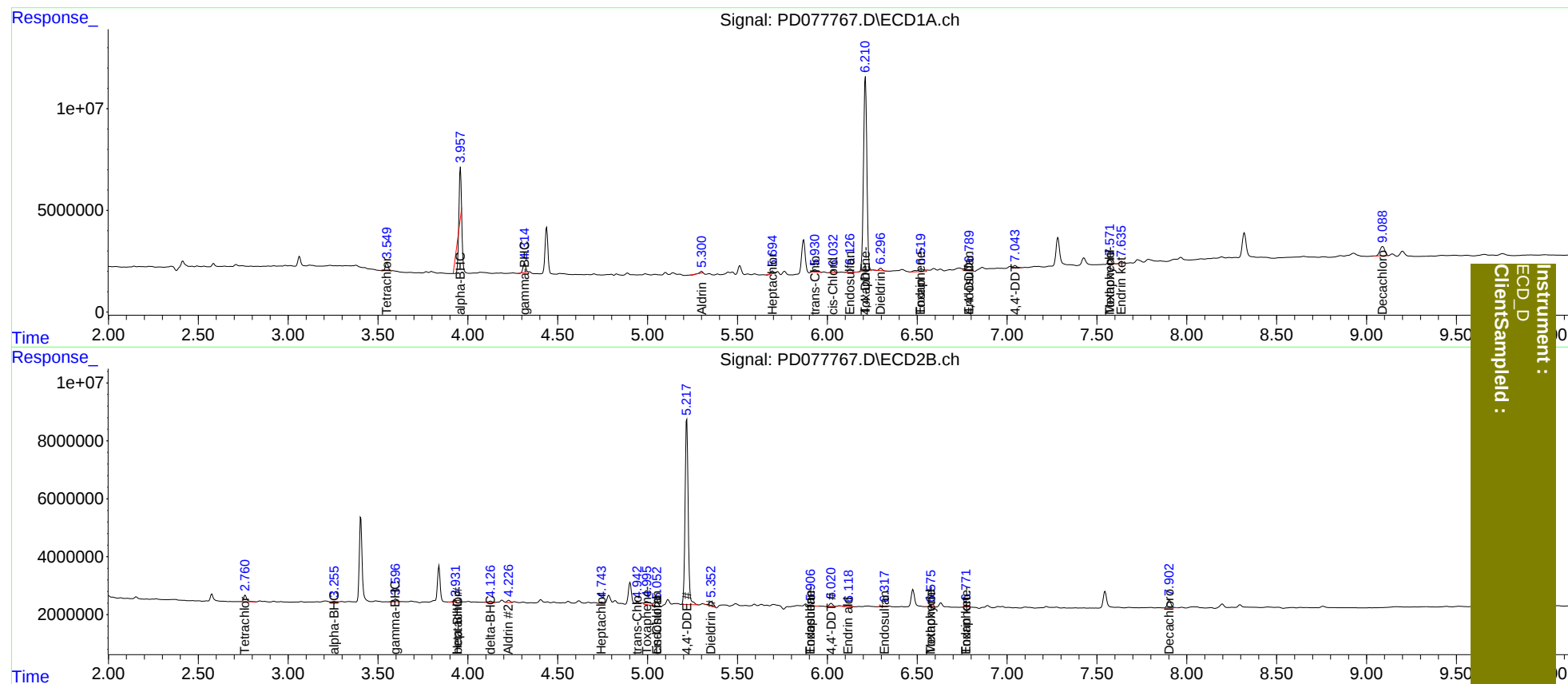
|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|---------|----------|----------|-----------|
| -----                       |                 |        |        |         |          |          |           |
| System Monitoring Compounds |                 |        |        |         |          |          |           |
| 1)                          | SA Tetrachlo... | 3.550  | 2.761  | 4370628 | 2766859  | 1.722    | 1.872     |
| 27)                         | SA Decachlor... | 9.090  | 7.903  | 8641827 | 3838312  | 2.766    | 2.370     |
| Target Compounds            |                 |        |        |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.959f | 3.256  | 5977667 | 236492   | 1.396    | 0.104 #   |
| 3)                          | MA gamma-BHC... | 4.316  | 3.598  | 4684427 | 1153564  | 1.159    | 0.534 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.932  | 0       | 607281   | N.D.     | 0.273     |
| 5)                          | MB Aldrin       | 5.301f | 4.228  | 728388  | 970677   | 0.174    | 0.433 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.932f | 0       | 607281   | N.D.     | 0.615     |
| 7)                          | B delta-BHC     | 0.000  | 4.127  | 0       | 580931   | N.D.     | 0.261     |
| 8)                          | B Heptachlo...  | 5.695  | 4.744  | 1306616 | 500922   | 0.338    | 0.238 #   |
| 9)                          | A Endosulfan I  | 6.127f | 5.053  | 2473600 | 2367831  | 0.737    | 1.319 #   |
| 10)                         | B trans-Chl...  | 5.932  | 4.943  | 2096150 | 557101   | 0.563    | 0.279 #   |
| 11)                         | B cis-Chlor...  | 6.033  | 5.053  | 1346131 | 2367831  | 0.349    | 1.158 #   |
| 12)                         | B 4,4'-DDE      | 6.212  | 5.218  | 123.8E6 | 77084073 | 34.917   | 40.578    |
| 13)                         | MA Dieldrin     | 6.297f | 5.353  | 1314934 | 2858256  | 0.351    | 1.383 #   |
| 14)                         | MA Endrin       | 6.521f | 5.634  | 4052863 | -37295   | 1.314    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.790  | 5.907  | 4693191 | 600332   | 1.417    | 0.332 #   |
| 16)                         | A 4,4'-DDD      | 6.790f | 5.779  | 4693191 | -1108468 | 1.764    | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.045  | 6.022  | 1768925 | 1419547  | 0.646    | 1.004 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.117  | 0       | 142696   | N.D.     | 0.101     |
| 19)                         | B Endosulfa...  | 0.000  | 6.319  | 0       | 237108   | N.D.     | 0.144     |
| 20)                         | A Methoxychlor  | 7.572f | 6.576  | 2303622 | 355244   | 1.477    | 0.455 #   |
| 21)                         | B Endrin ke...  | 7.637  | 6.773f | 1331145 | 870551   | 0.387    | 0.454     |
| 22)                         | Toxaphene-1     | 6.212f | 4.996  | 123.8E6 | 2259159  | 4639.154 | 216.440 # |
| 23)                         | Toxaphene-2     | 6.521f | 5.634f | 4052863 | -37295   | 123.565  | N.D. #    |
| 24)                         | Toxaphene-3     | 0.000  | 5.907f | 0       | 600332   | N.D.     | 44.018    |
| 25)                         | Toxaphene-4     | 0.000  | 6.576  | 0       | 355244   | N.D.     | 9.205     |
| 26)                         | Toxaphene-5     | 7.572  | 6.773f | 2303622 | 870551   | 44.205   | 15.685 #  |
| -----                       |                 |        |        |         |          |          |           |

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

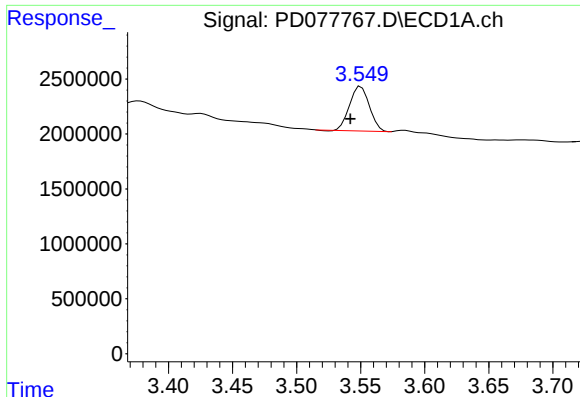
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090923\  
Data File : PD077767.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2023 09:19  
Operator : AR\AJ  
Sample : 04235-02DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 22:45:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 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



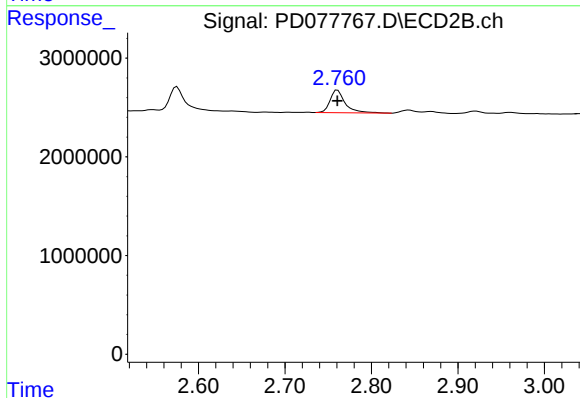
Instrument :  
ECD\_D  
ClientSampled :  
0



#1 Tetrachloro-m-xylene

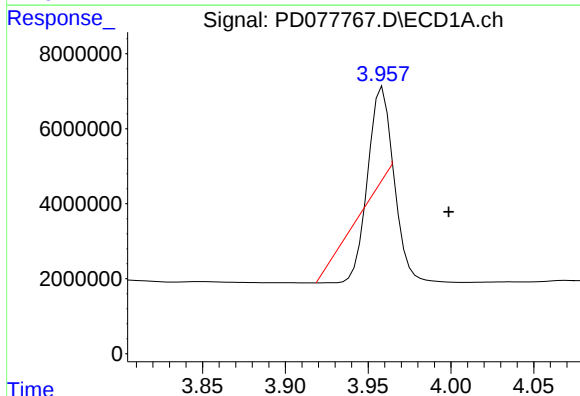
R.T.: 3.550 min  
Delta R.T.: 0.008 min  
Response: 4370628  
Conc: 1.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



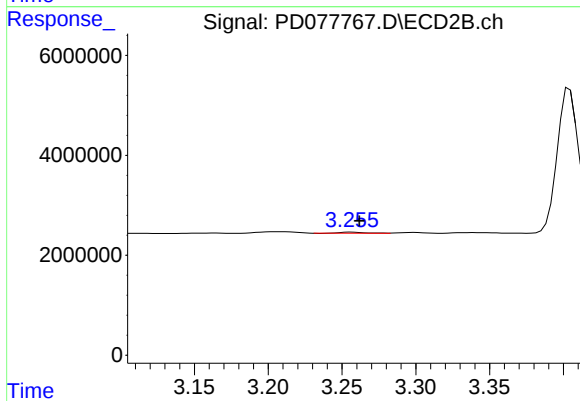
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 2766859  
Conc: 1.87 ng/ml



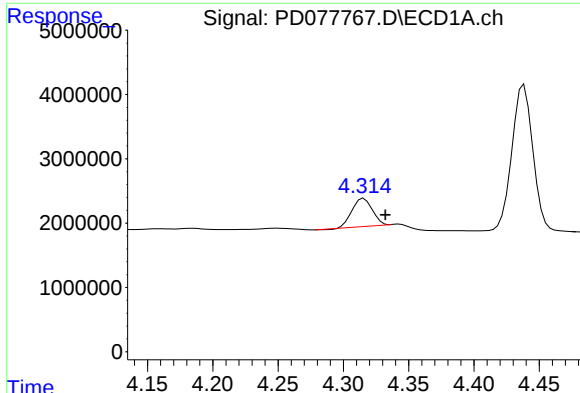
#2 alpha-BHC

R.T.: 3.959 min  
Delta R.T.: -0.040 min  
Response: 5977667  
Conc: 1.40 ng/ml



#2 alpha-BHC

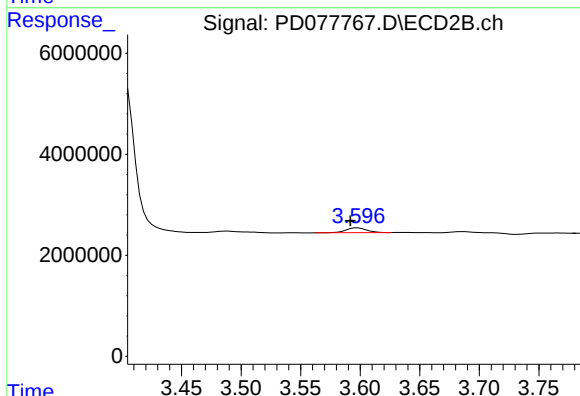
R.T.: 3.256 min  
Delta R.T.: -0.006 min  
Response: 236492  
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

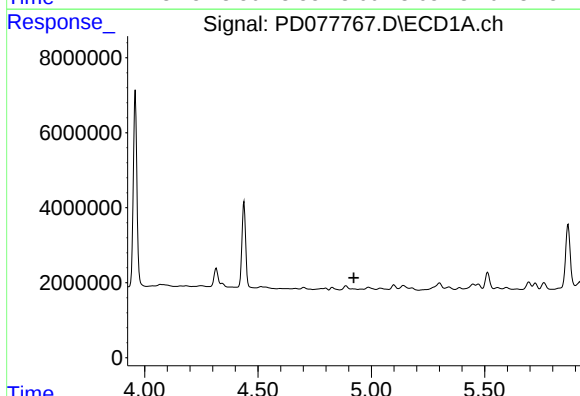
R.T.: 4.316 min  
Delta R.T.: -0.016 min  
Response: 4684427  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



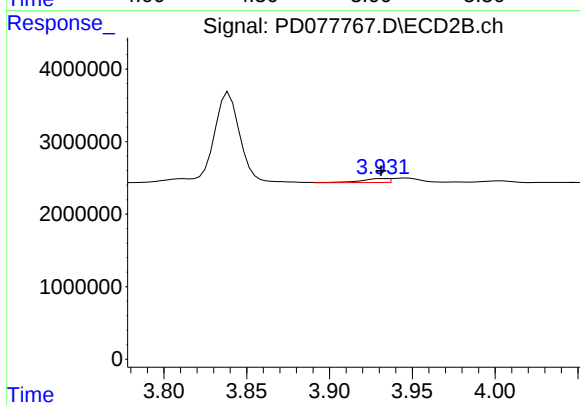
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: 0.006 min  
Response: 1153564  
Conc: 0.53 ng/ml



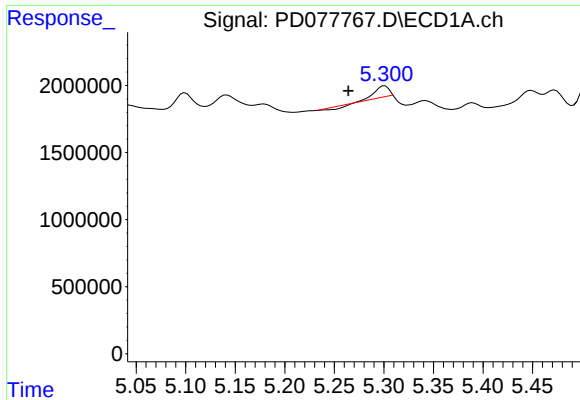
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.923 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

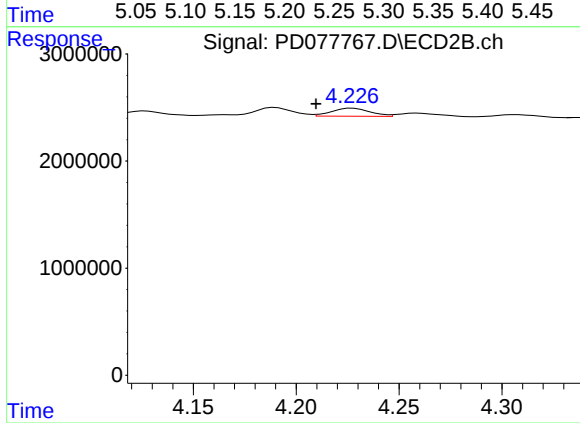
R.T.: 3.932 min  
Delta R.T.: 0.001 min  
Response: 607281  
Conc: 0.27 ng/ml



#5 Aldrin

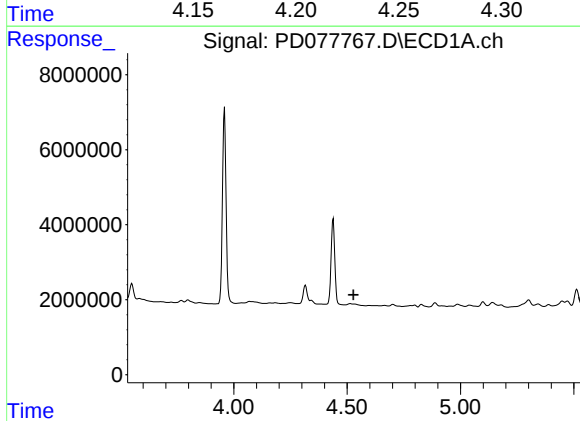
R.T.: 5.301 min  
Delta R.T.: 0.037 min  
Response: 728388  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



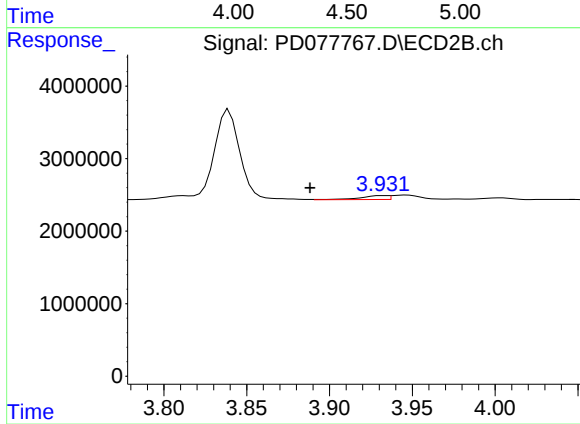
#5 Aldrin

R.T.: 4.228 min  
Delta R.T.: 0.018 min  
Response: 970677  
Conc: 0.43 ng/ml



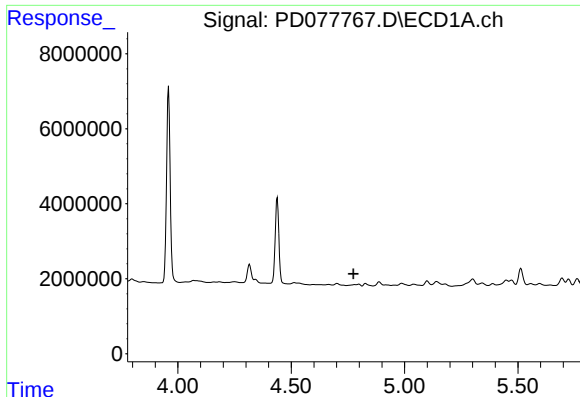
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.528 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

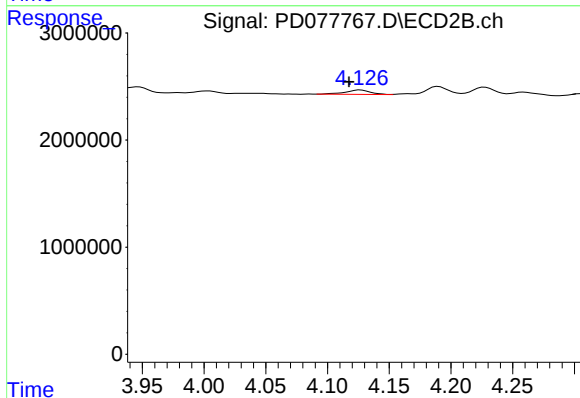
R.T.: 3.932 min  
Delta R.T.: 0.044 min  
Response: 607281  
Conc: 0.61 ng/ml



#7 delta-BHC

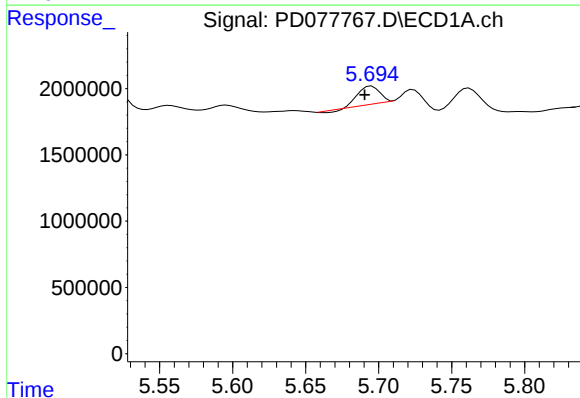
R.T.: 0.000 min  
Exp R.T.: 4.775 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



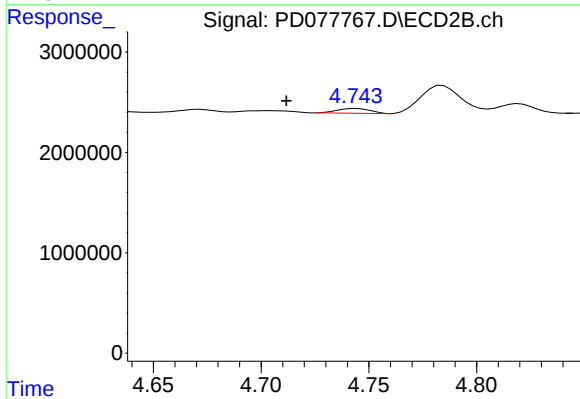
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.010 min  
Response: 580931  
Conc: 0.26 ng/ml



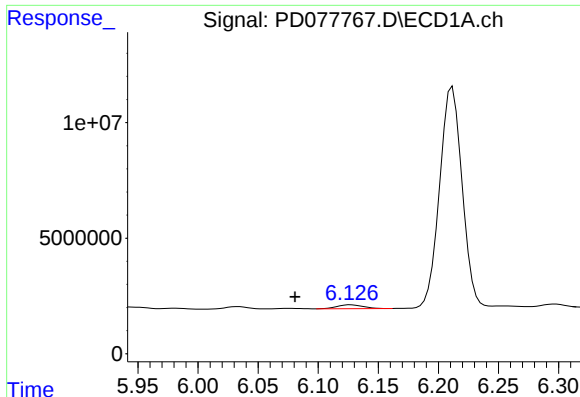
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.005 min  
Response: 1306616  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

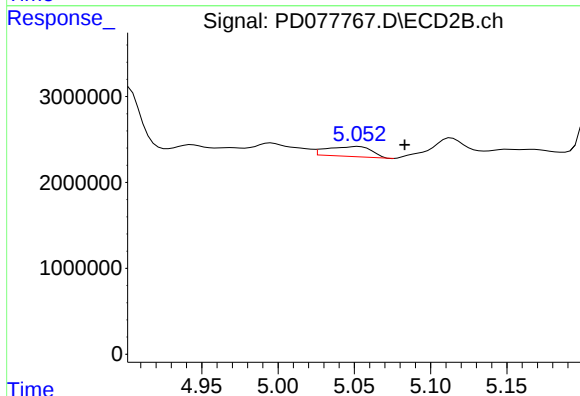
R.T.: 4.744 min  
Delta R.T.: 0.032 min  
Response: 500922  
Conc: 0.24 ng/ml



#9 Endosulfan I

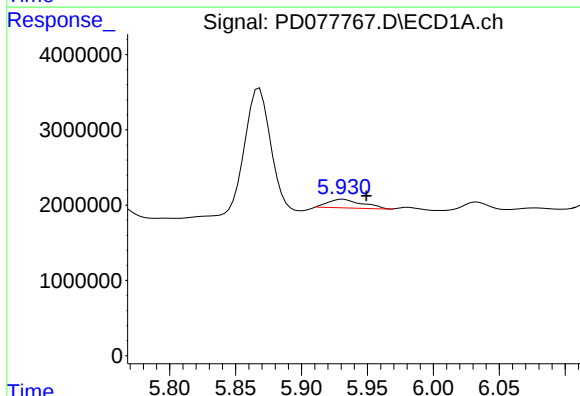
R.T.: 6.127 min  
Delta R.T.: 0.046 min  
Response: 2473600  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



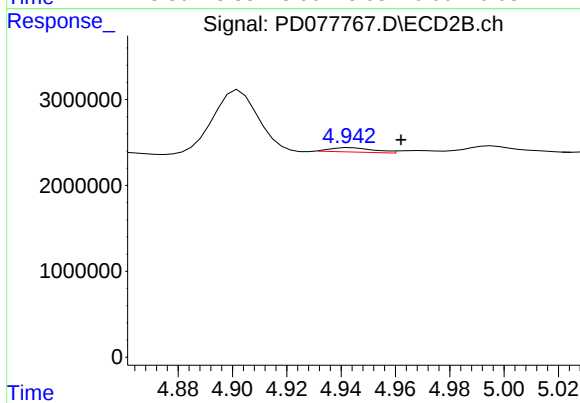
#9 Endosulfan I

R.T.: 5.053 min  
Delta R.T.: -0.030 min  
Response: 2367831  
Conc: 1.32 ng/ml



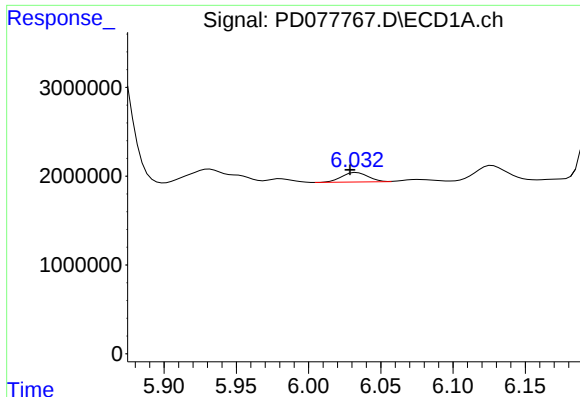
#10 trans-Chlordane

R.T.: 5.932 min  
Delta R.T.: -0.018 min  
Response: 2096150  
Conc: 0.56 ng/ml



#10 trans-Chlordane

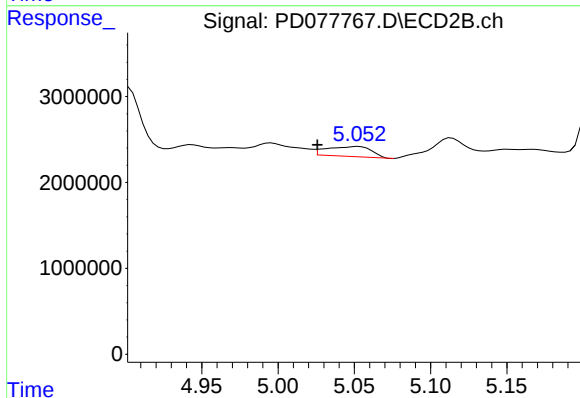
R.T.: 4.943 min  
Delta R.T.: -0.019 min  
Response: 557101  
Conc: 0.28 ng/ml



#11 cis-Chlordane

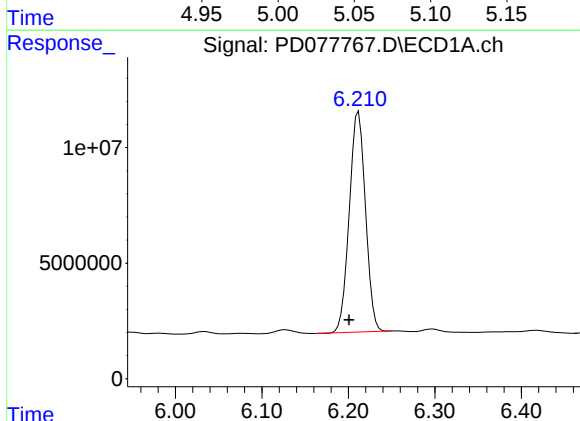
R.T.: 6.033 min  
Delta R.T.: 0.005 min  
Response: 1346131  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



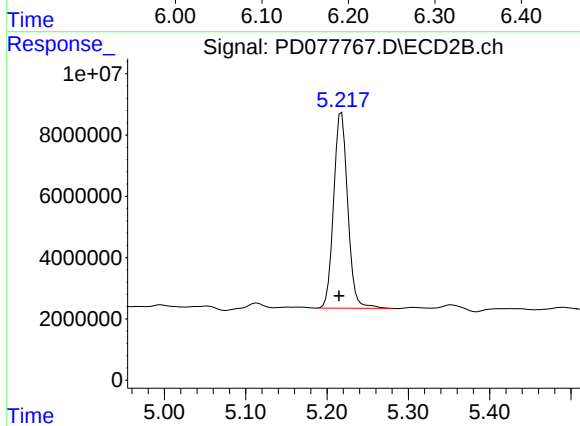
#11 cis-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.027 min  
Response: 2367831  
Conc: 1.16 ng/ml



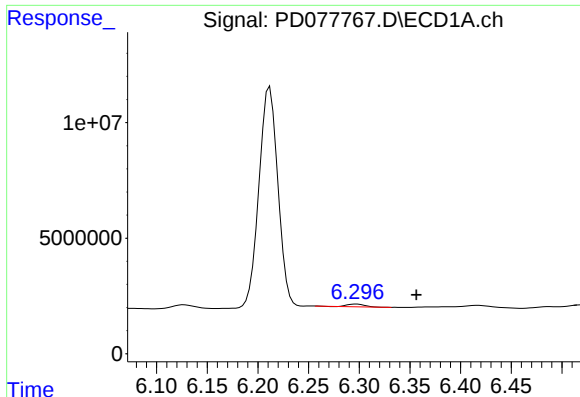
#12 4,4'-DDE

R.T.: 6.212 min  
Delta R.T.: 0.011 min  
Response: 123784985  
Conc: 34.92 ng/ml



#12 4,4'-DDE

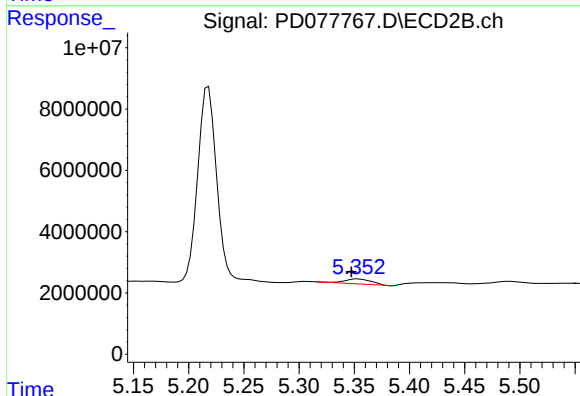
R.T.: 5.218 min  
Delta R.T.: 0.003 min  
Response: 77084073  
Conc: 40.58 ng/ml



#13 Dieldrin

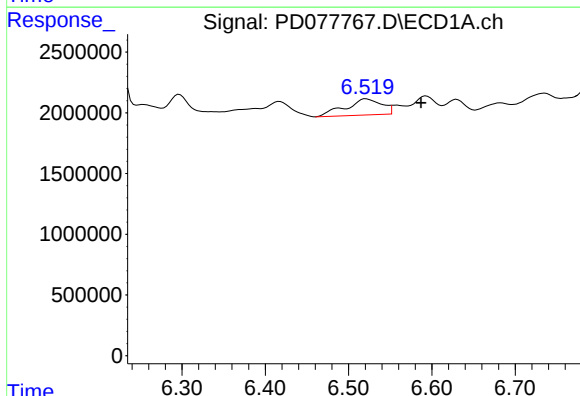
R.T.: 6.297 min  
Delta R.T.: -0.060 min  
Response: 1314934  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



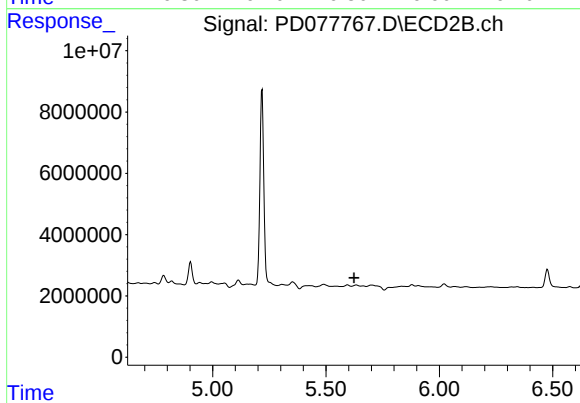
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: 0.006 min  
Response: 2858256  
Conc: 1.38 ng/ml



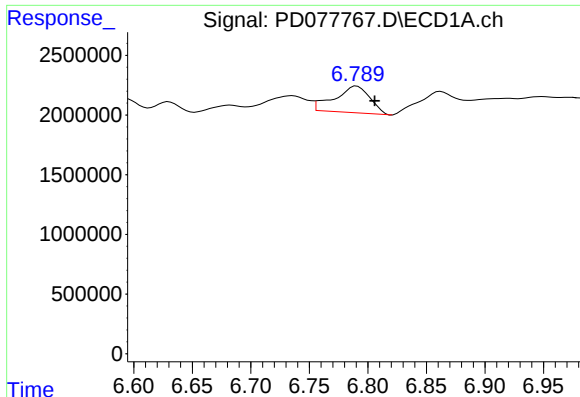
#14 Endrin

R.T.: 6.521 min  
Delta R.T.: -0.066 min  
Response: 4052863  
Conc: 1.31 ng/ml



#14 Endrin

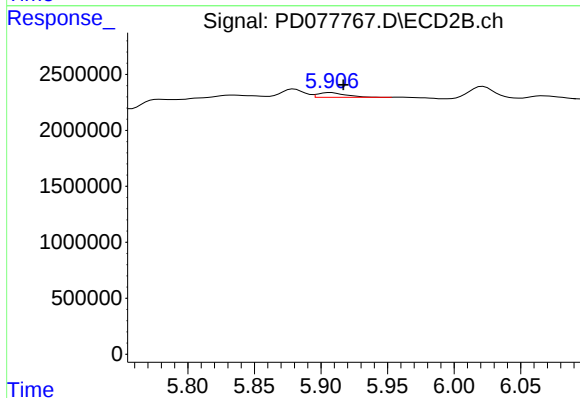
R.T.: 5.634 min  
Delta R.T.: 0.010 min  
Response: -37295  
Conc: N.D.



#15 Endosulfan II

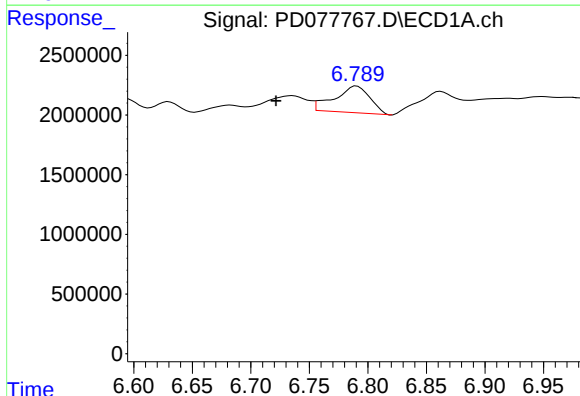
R.T.: 6.790 min  
Delta R.T.: -0.016 min  
Response: 4693191  
Conc: 1.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



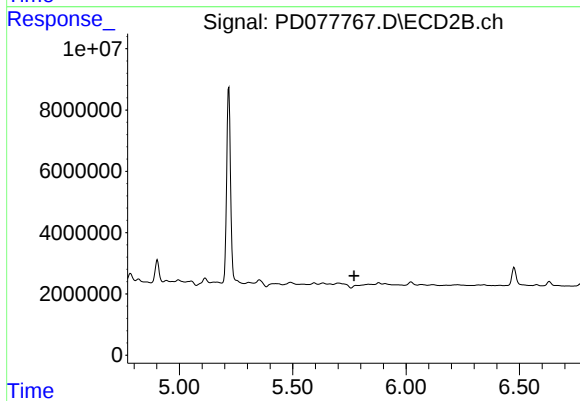
#15 Endosulfan II

R.T.: 5.907 min  
Delta R.T.: -0.009 min  
Response: 600332  
Conc: 0.33 ng/ml



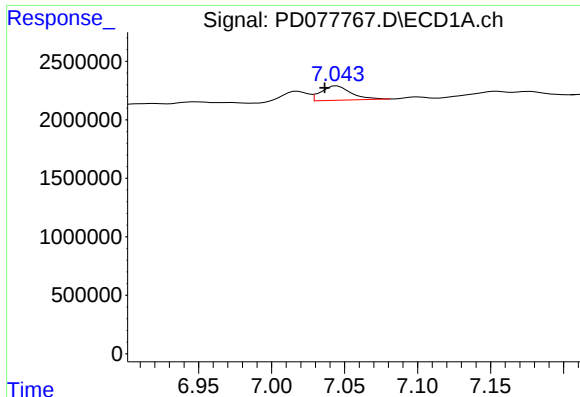
#16 4,4'-DDD

R.T.: 6.790 min  
Delta R.T.: 0.069 min  
Response: 4693191  
Conc: 1.76 ng/ml



#16 4,4'-DDD

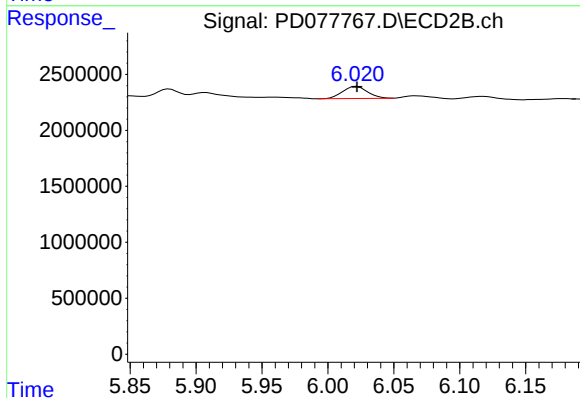
R.T.: 5.779 min  
Delta R.T.: 0.009 min  
Response: -1108468  
Conc: N.D.



#17 4,4'-DDT

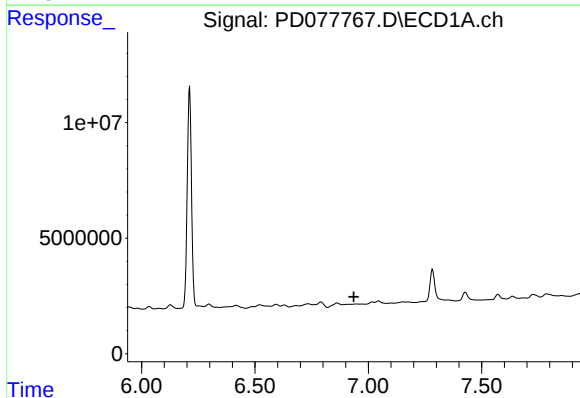
R.T.: 7.045 min  
Delta R.T.: 0.008 min  
Response: 1768925  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



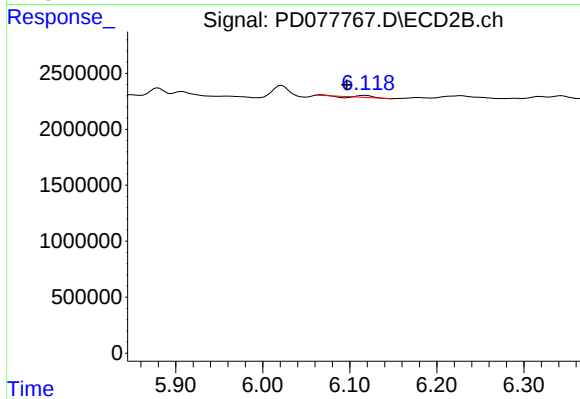
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 1419547  
Conc: 1.00 ng/ml



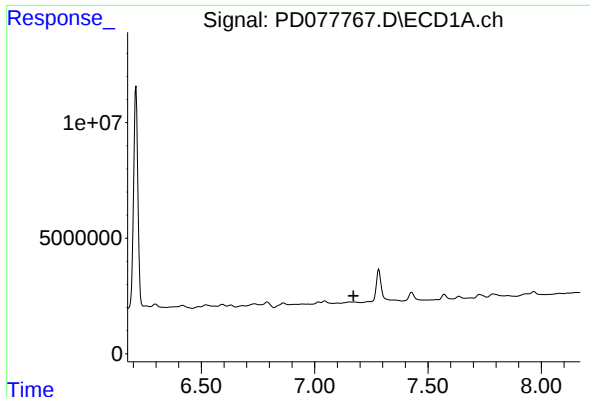
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.936 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

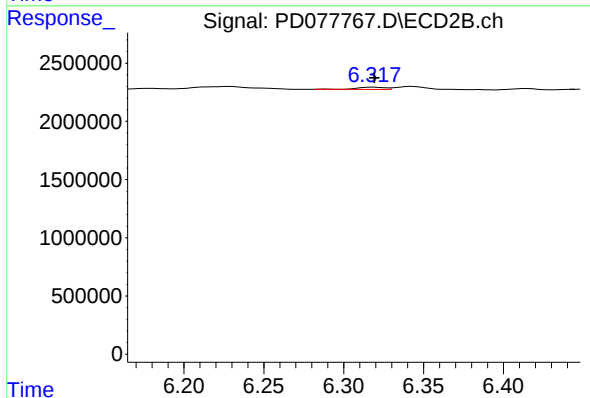
R.T.: 6.117 min  
Delta R.T.: 0.021 min  
Response: 142696  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

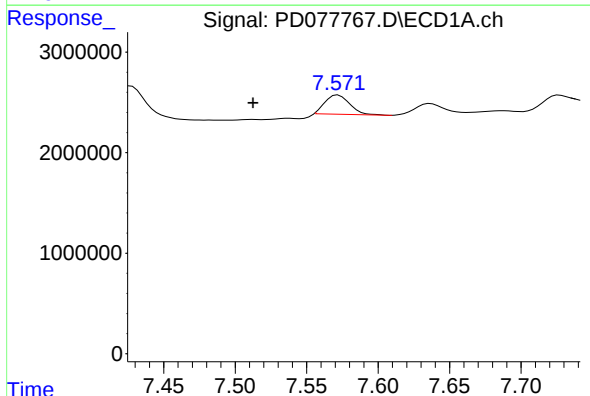
R.T.: 0.000 min  
Exp R.T.: 7.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



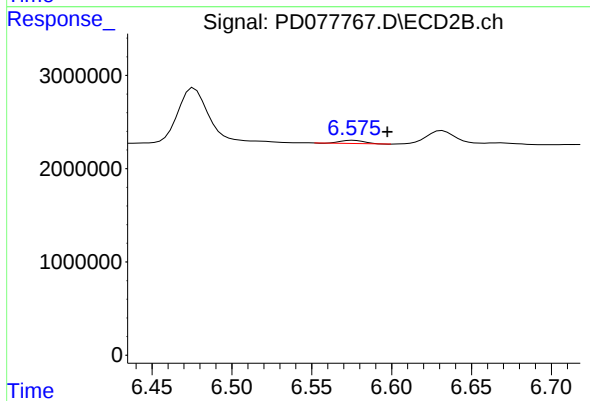
#19 Endosulfan Sulfate

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 237108  
Conc: 0.14 ng/ml



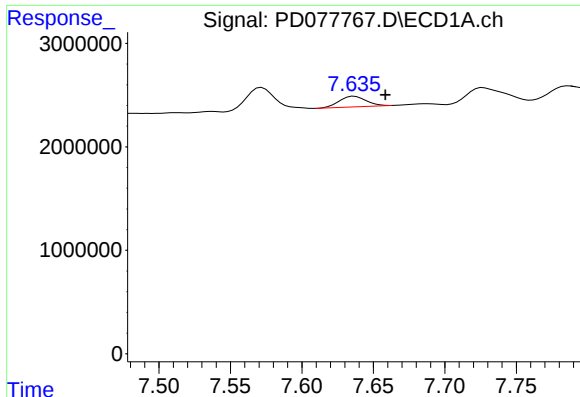
#20 Methoxychlor

R.T.: 7.572 min  
Delta R.T.: 0.059 min  
Response: 2303622  
Conc: 1.48 ng/ml



#20 Methoxychlor

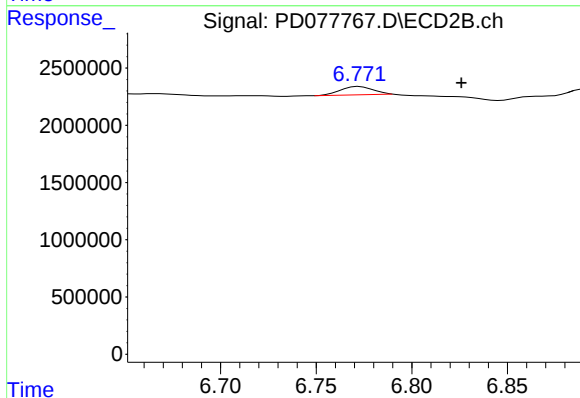
R.T.: 6.576 min  
Delta R.T.: -0.021 min  
Response: 355244  
Conc: 0.46 ng/ml



#21 Endrin ketone

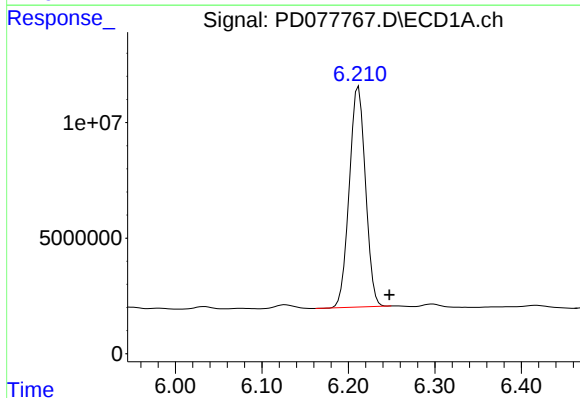
R.T.: 7.637 min  
Delta R.T.: -0.022 min  
Response: 1331145  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



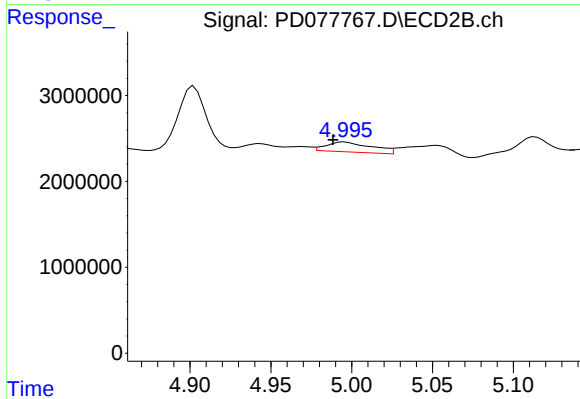
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: -0.053 min  
Response: 870551  
Conc: 0.45 ng/ml



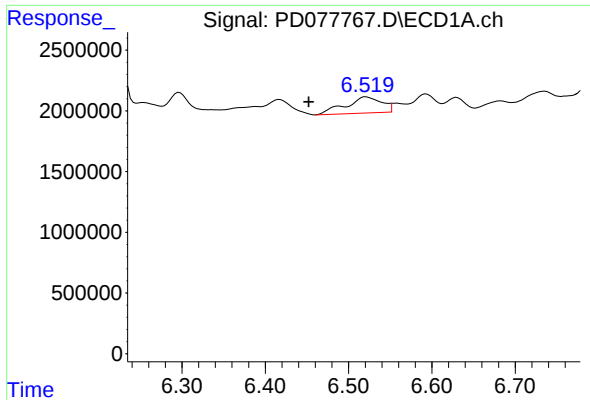
#22 Toxaphene-1

R.T.: 6.212 min  
Delta R.T.: -0.036 min  
Response: 123784985  
Conc: 4639.15 ng/ml



#22 Toxaphene-1

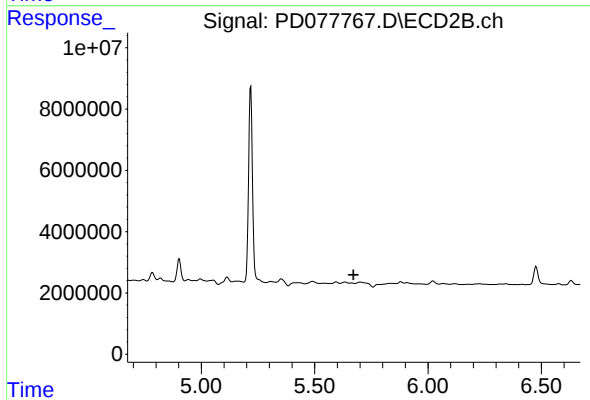
R.T.: 4.996 min  
Delta R.T.: 0.007 min  
Response: 2259159  
Conc: 216.44 ng/ml



#23 Toxaphene-2

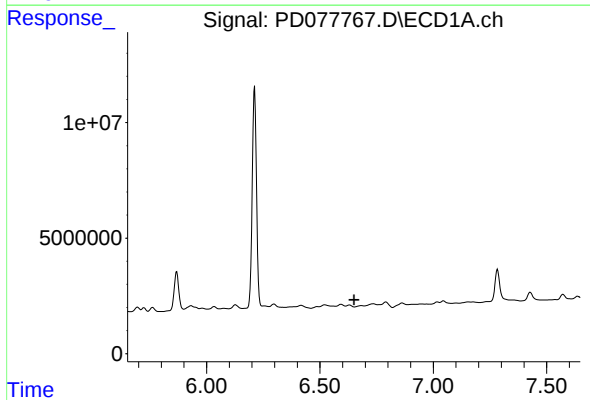
R.T.: 6.521 min  
Delta R.T.: 0.069 min  
Response: 4052863  
Conc: 123.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



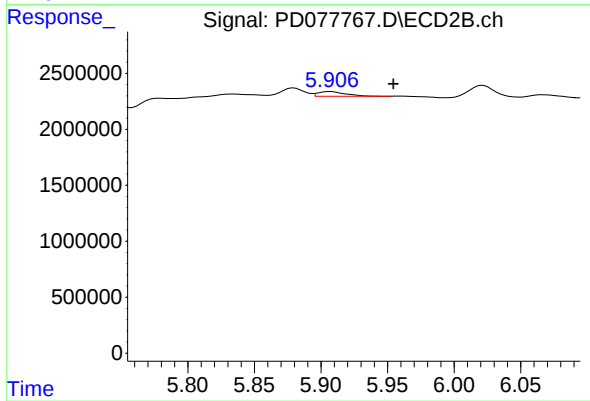
#23 Toxaphene-2

R.T.: 5.634 min  
Delta R.T.: -0.038 min  
Response: -37295  
Conc: N.D.



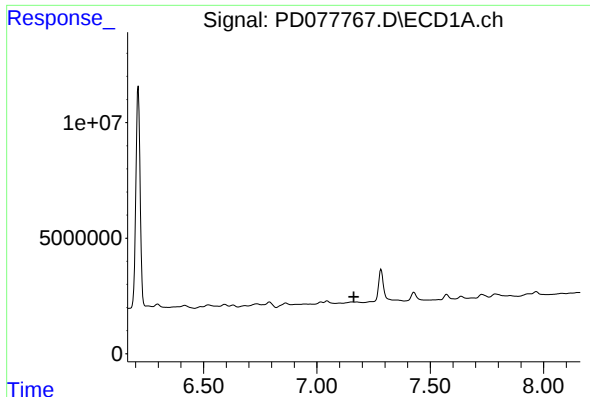
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 6.650 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

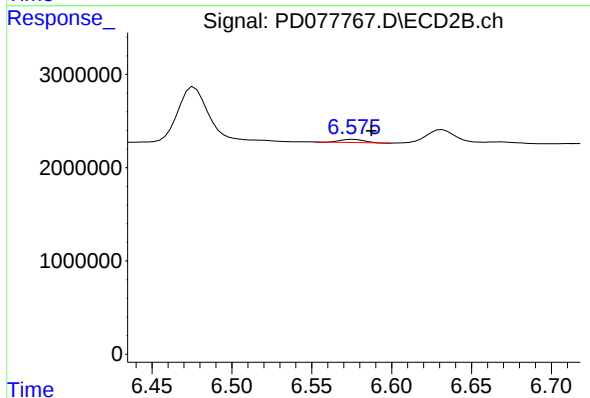
R.T.: 5.907 min  
Delta R.T.: -0.047 min  
Response: 600332  
Conc: 44.02 ng/ml



#25 Toxaphene-4

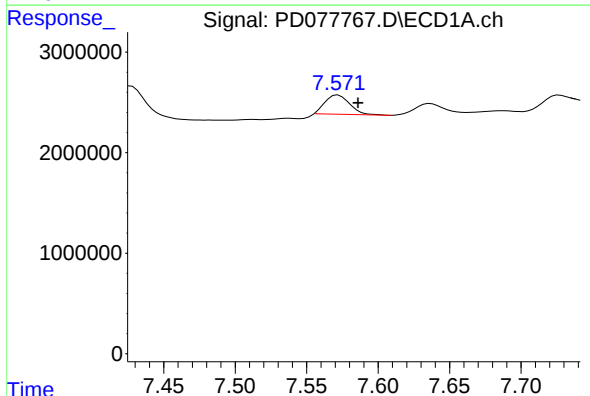
R.T.: 0.000 min  
Exp R.T.: 7.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



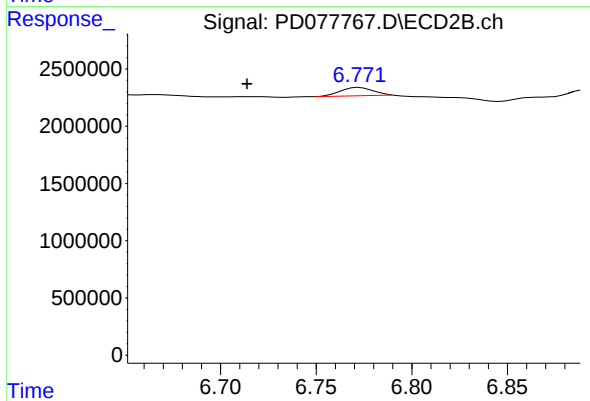
#25 Toxaphene-4

R.T.: 6.576 min  
Delta R.T.: -0.011 min  
Response: 355244  
Conc: 9.21 ng/ml



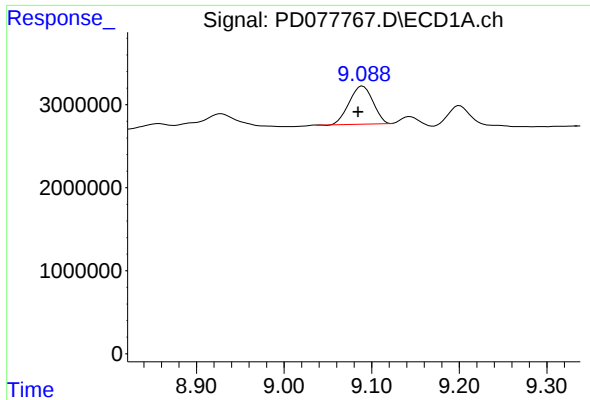
#26 Toxaphene-5

R.T.: 7.572 min  
Delta R.T.: -0.014 min  
Response: 2303622  
Conc: 44.20 ng/ml



#26 Toxaphene-5

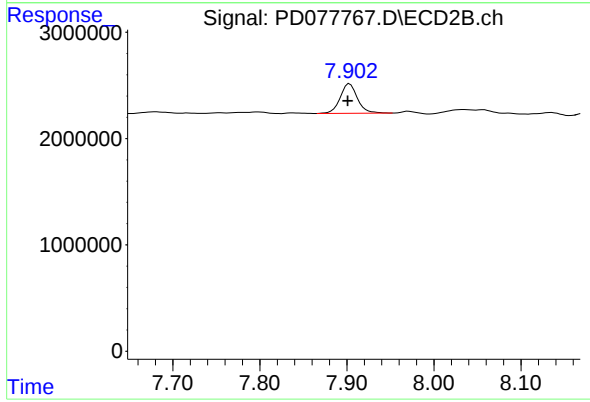
R.T.: 6.773 min  
Delta R.T.: 0.059 min  
Response: 870551  
Conc: 15.68 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.005 min  
Response: 8641827  
Conc: 2.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.002 min  
Response: 3838312  
Conc: 2.37 ng/ml