

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020322\  
 Data File : PD067921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2022 17:53  
 Operator : AR\AJ  
 Sample : N1307-09  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 05:59:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD020322CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 04 02:10:59 2022  
 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

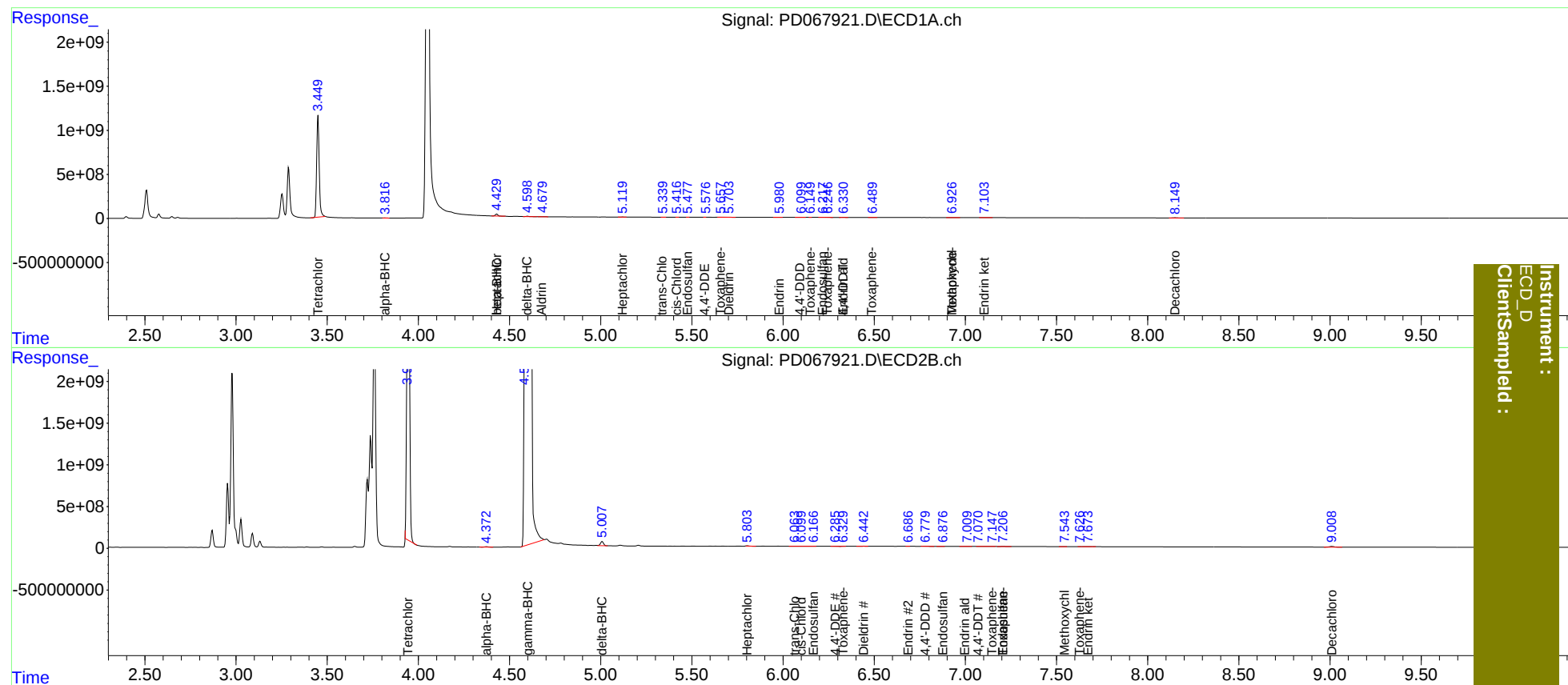
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|-----------|----------|------------|
| -----                       |                 |        |        |          |           |          |            |
| System Monitoring Compounds |                 |        |        |          |           |          |            |
| 1)                          | SA Tetrachlo... | 3.453  | 3.946  | 7525.1E6 | 21083.8E6 | 3720.652 | 2686.161 # |
| 27)                         | SA Decachlor... | 8.150  | 9.010  | 24829826 | 145.3E6   | 27.173   | 29.668     |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 3.817f | 4.374  | 10654494 | 65089643  | 3.572    | 6.495 #    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.592f | 0        | 55342.7E6 | N.D.     | 5817.854   |
| 4)                          | MA Heptachlor   | 4.430  | 5.163f | 213.2E6  | -936444   | 72.642   | N.D. #     |
| 5)                          | MB Aldrin       | 4.677  | 5.447  | 3523053  | -4245645  | 1.196    | N.D. #     |
| 6)                          | B beta-BHC      | 4.430f | 0.000  | 213.2E6  | 0         | 160.137  | N.D. #     |
| 7)                          | B delta-BHC     | 4.599  | 5.008  | 39040365 | 596.6E6   | 13.874   | 72.953 #   |
| 8)                          | B Heptachlo...  | 5.121  | 5.804  | 8635199  | 18273741  | 3.240    | 2.693      |
| 9)                          | A Endosulfan I  | 5.479  | 6.168  | 811559   | 3964874   | 0.331    | 0.569 #    |
| 10)                         | B trans-Chl...  | 5.338  | 6.064  | 2070711  | 6716402   | 0.761    | 0.922      |
| 11)                         | B cis-Chlor...  | 5.417  | 6.100  | 751314   | 5464898   | 0.279    | 0.747 #    |
| 12)                         | B 4,4'-DDE      | 5.569  | 6.287  | 1323290  | 6375097   | 0.541    | 0.940 #    |
| 13)                         | MA Dieldrin     | 5.704  | 6.443  | 10868635 | 20130395  | 4.089    | 2.805 #    |
| 14)                         | MA Endrin       | 5.981  | 6.687  | 1202500  | 1020487   | 0.559    | 0.171 #    |
| 15)                         | B Endosulfa...  | 6.219  | 6.878  | 974149   | 1754543   | 0.458    | 0.284 #    |
| 16)                         | A 4,4'-DDD      | 6.095  | 6.780  | 1512708  | 12268707  | 0.768    | 2.119 #    |
| 17)                         | MA 4,4'-DDT     | 6.332  | 7.071  | 6279346  | 3239530   | 3.279    | 0.563 #    |
| 18)                         | B Endrin al...  | 6.332f | 6.998  | 6279346  | 2775186   | 4.026    | 0.578 #    |
| 19)                         | B Endosulfa...  | 0.000  | 7.207  | 0        | 8535057   | N.D.     | 1.453      |
| 20)                         | A Methoxychlor  | 6.927f | 7.544  | 692790   | 471283    | 0.789    | 0.168 #    |
| 21)                         | B Endrin ke...  | 7.104  | 7.673  | 1200534  | 13057031  | 0.635    | 1.953 #    |
| 22)                         | Toxaphene-1     | 5.659  | 6.330  | 552873   | 1358122   | 34.630   | 40.495     |
| 23)                         | Toxaphene-2     | 6.151  | 6.633  | 226283   | -349164   | 14.160   | N.D. #     |
| 24)                         | Toxaphene-3     | 6.245  | 7.149  | 1735547  | 9161676   | 46.663   | 93.815 #   |
| 25)                         | Toxaphene-4     | 6.489  | 7.207  | 428550   | 8535057   | 11.619   | 87.223 #   |
| 26)                         | Toxaphene-5     | 6.927  | 7.628  | 692790   | 894590    | 19.097   | 12.056 #   |
| -----                       |                 |        |        |          |           |          |            |

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

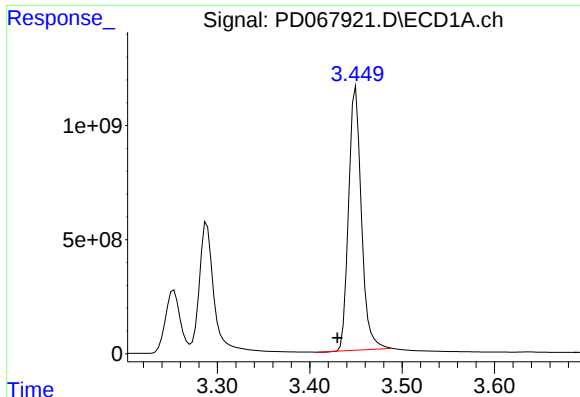
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020322\  
Data File : PD067921.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2022 17:53  
Operator : AR\AJ  
Sample : N1307-09  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 05:59:48 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD020322CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 04 02:10:59 2022  
Response via : Initial Calibration  
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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



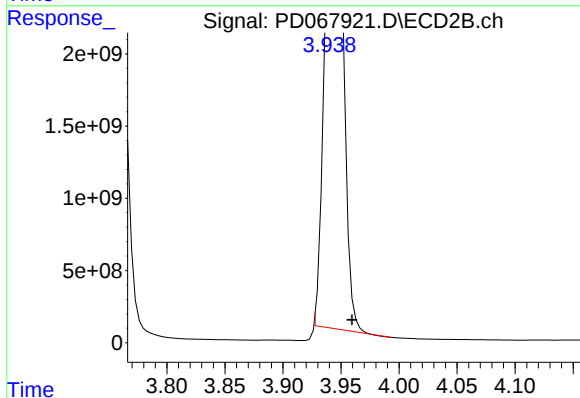
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

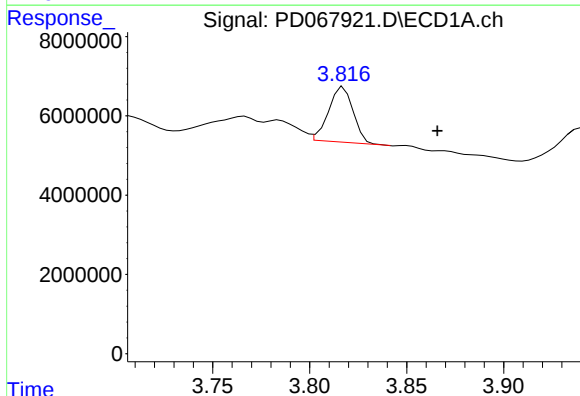
R.T.: 3.453 min  
Delta R.T.: 0.023 min  
Response: 7525104714  
Conc: 3720.65 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



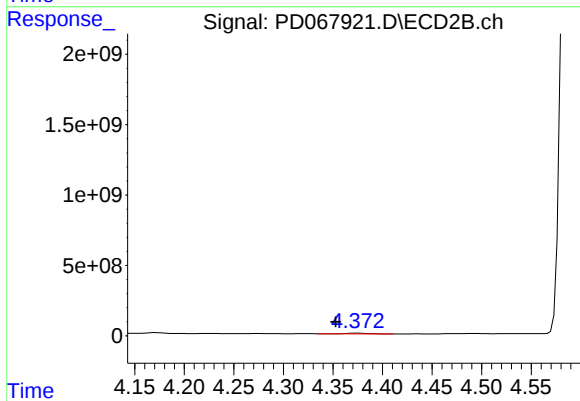
#1 Tetrachloro-m-xylene

R.T.: 3.946 min  
Delta R.T.: -0.014 min  
Response: 21083785773  
Conc: 2686.16 ng/ml



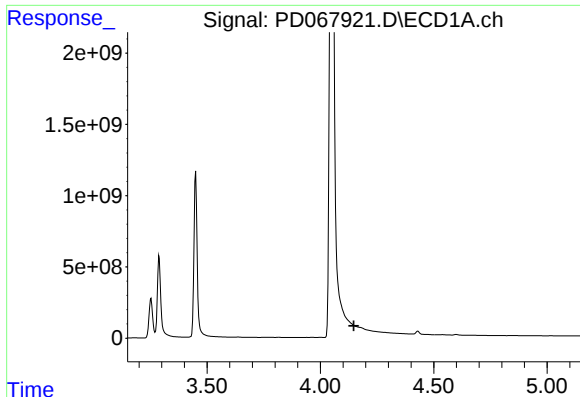
#2 alpha-BHC

R.T.: 3.817 min  
Delta R.T.: -0.048 min  
Response: 10654494  
Conc: 3.57 ng/ml



#2 alpha-BHC

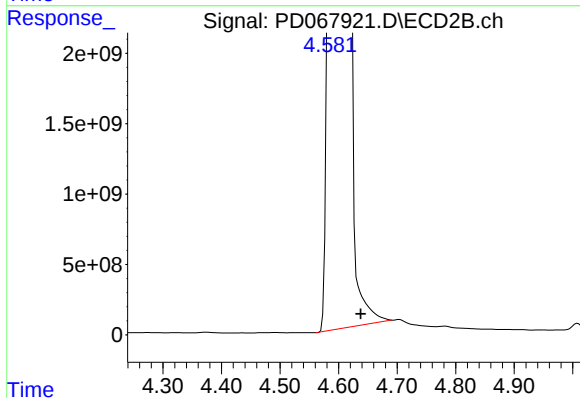
R.T.: 4.374 min  
Delta R.T.: 0.021 min  
Response: 65089643  
Conc: 6.50 ng/ml



#3 gamma-BHC (Lindane)

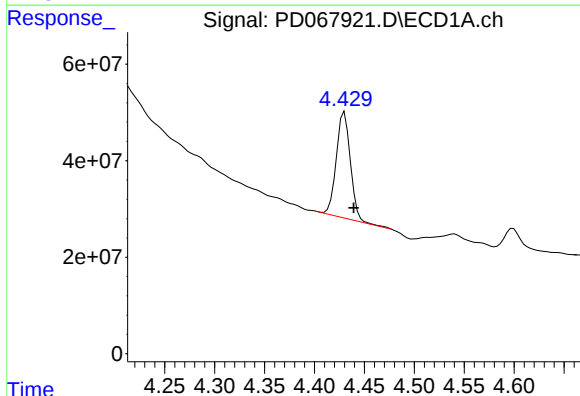
R.T.: 0.000 min  
Exp R.T.: 4.147 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



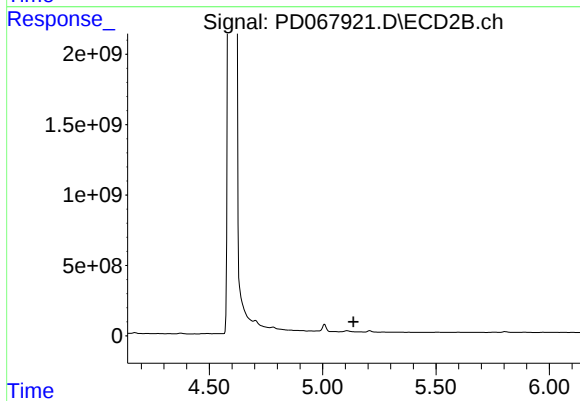
#3 gamma-BHC (Lindane)

R.T.: 4.592 min  
Delta R.T.: -0.046 min  
Response: 5534267714  
Conc: 5817.85 ng/ml



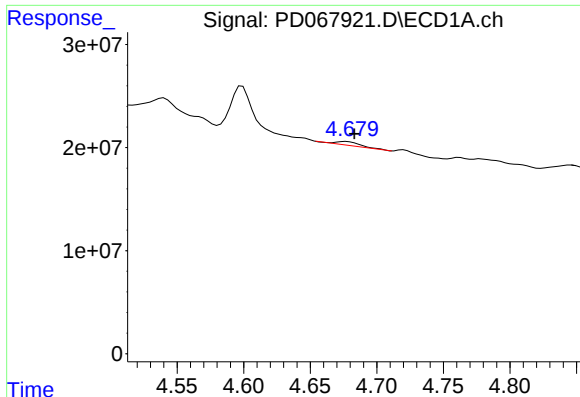
#4 Heptachlor

R.T.: 4.430 min  
Delta R.T.: -0.009 min  
Response: 213209710  
Conc: 72.64 ng/ml



#4 Heptachlor

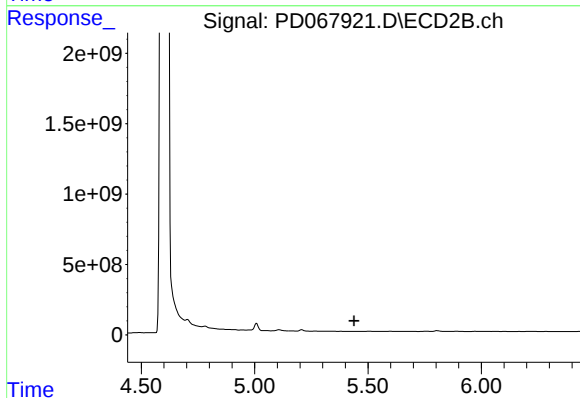
R.T.: 5.163 min  
Delta R.T.: 0.027 min  
Response: -936444  
Conc: N.D.



#5 Aldrin

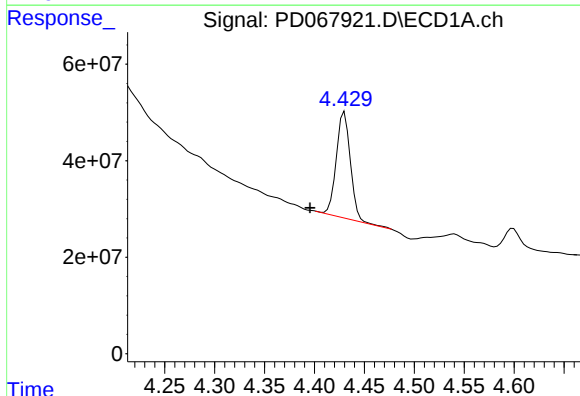
R.T.: 4.677 min  
Delta R.T.: -0.007 min  
Response: 3523053  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



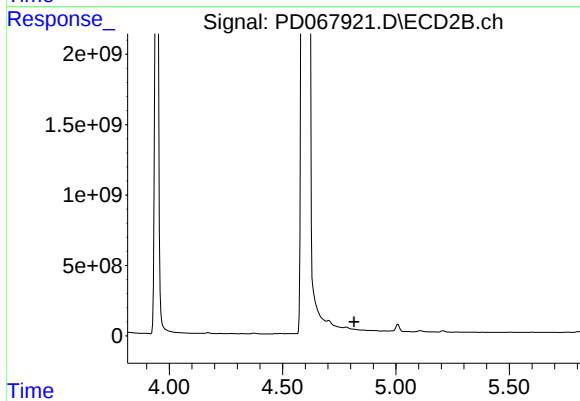
#5 Aldrin

R.T.: 5.447 min  
Delta R.T.: 0.008 min  
Response: -4245645  
Conc: N.D.



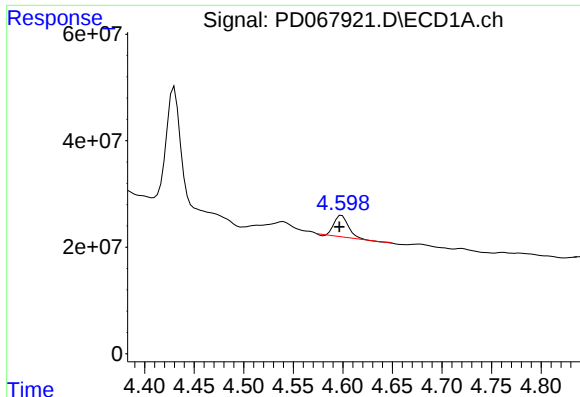
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.035 min  
Response: 213209710  
Conc: 160.14 ng/ml



#6 beta-BHC

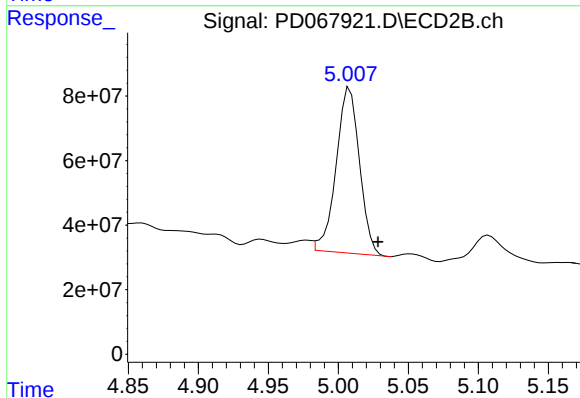
R.T.: 0.000 min  
Exp R.T. : 4.816 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

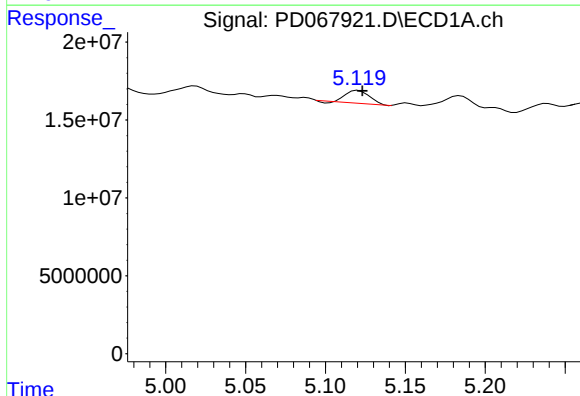
R.T.: 4.599 min  
Delta R.T.: 0.002 min  
Response: 39040365  
Conc: 13.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



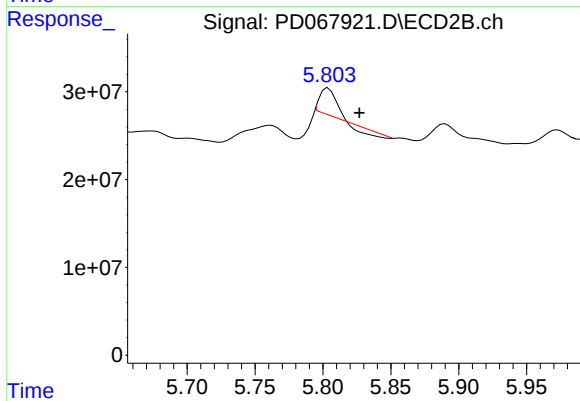
#7 delta-BHC

R.T.: 5.008 min  
Delta R.T.: -0.020 min  
Response: 596618448  
Conc: 72.95 ng/ml



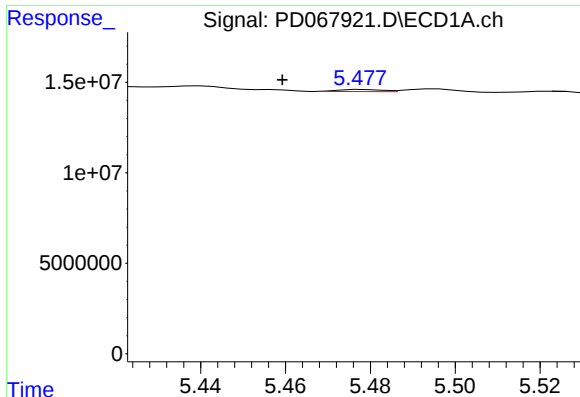
#8 Heptachlor epoxide

R.T.: 5.121 min  
Delta R.T.: -0.003 min  
Response: 8635199  
Conc: 3.24 ng/ml



#8 Heptachlor epoxide

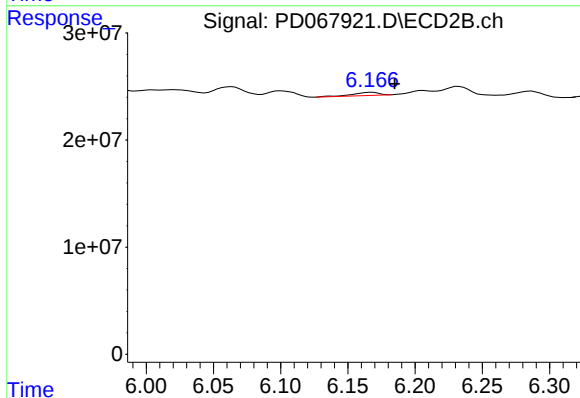
R.T.: 5.804 min  
Delta R.T.: -0.023 min  
Response: 18273741  
Conc: 2.69 ng/ml



#9 Endosulfan I

R.T.: 5.479 min  
Delta R.T.: 0.019 min  
Response: 811559  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#9 Endosulfan I

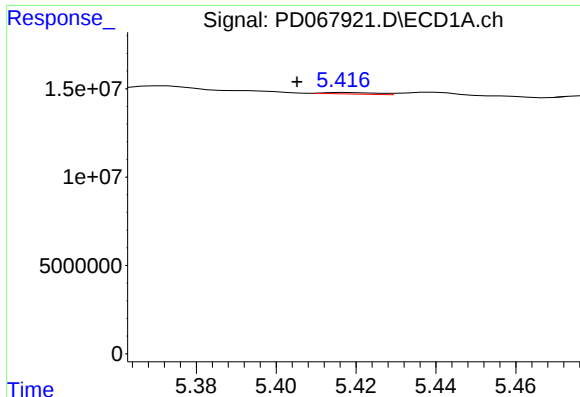
R.T.: 6.168 min  
Delta R.T.: -0.017 min  
Response: 3964874  
Conc: 0.57 ng/ml

#10 trans-Chlordane

R.T.: 5.338 min  
Delta R.T.: -0.009 min  
Response: 2070711  
Conc: 0.76 ng/ml

#10 trans-Chlordane

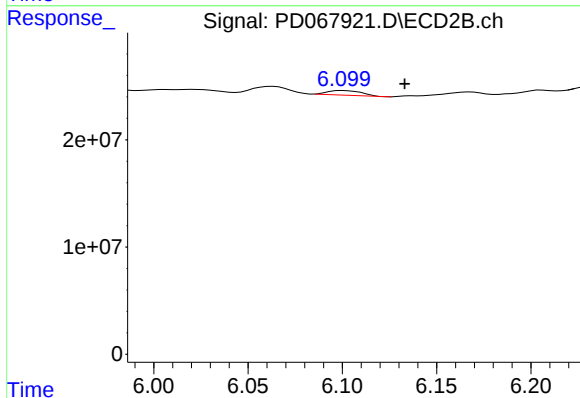
R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 6716402  
Conc: 0.92 ng/ml



#11 cis-Chlordane

R.T.: 5.417 min  
Delta R.T.: 0.012 min  
Response: 751314  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#11 cis-Chlordane

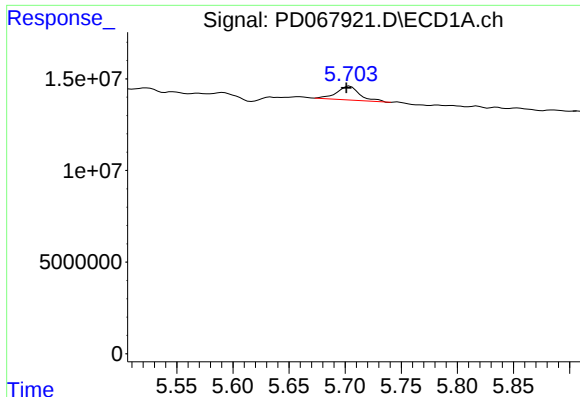
R.T.: 6.100 min  
Delta R.T.: -0.033 min  
Response: 5464898  
Conc: 0.75 ng/ml

#12 4,4'-DDE

R.T.: 5.569 min  
Delta R.T.: 0.001 min  
Response: 1323290  
Conc: 0.54 ng/ml

#12 4,4'-DDE

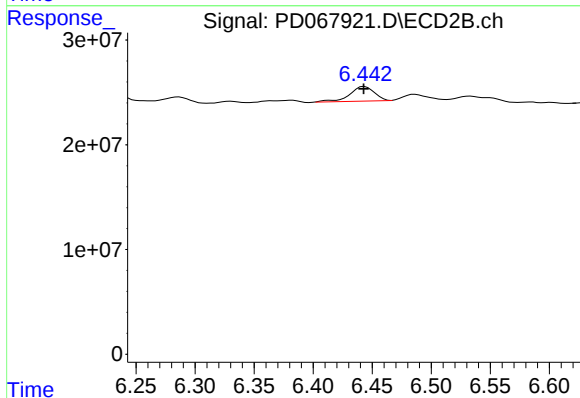
R.T.: 6.287 min  
Delta R.T.: -0.007 min  
Response: 6375097  
Conc: 0.94 ng/ml



#13 Dieldrin

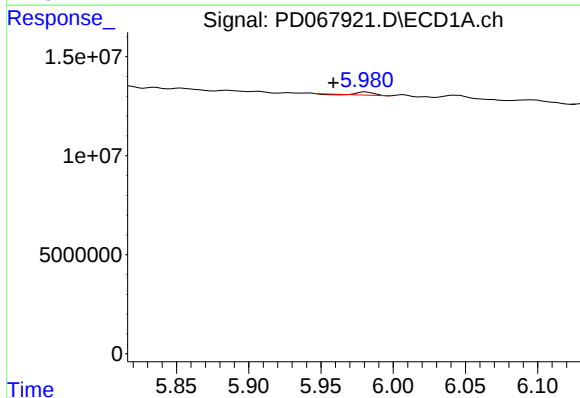
R.T.: 5.704 min  
Delta R.T.: 0.003 min  
Response: 10868635  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



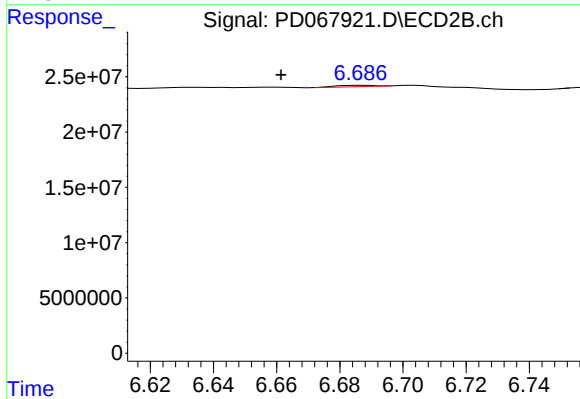
#13 Dieldrin

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 20130395  
Conc: 2.80 ng/ml



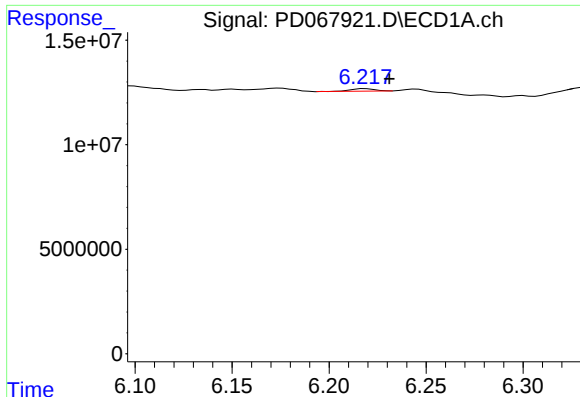
#14 Endrin

R.T.: 5.981 min  
Delta R.T.: 0.023 min  
Response: 1202500  
Conc: 0.56 ng/ml



#14 Endrin

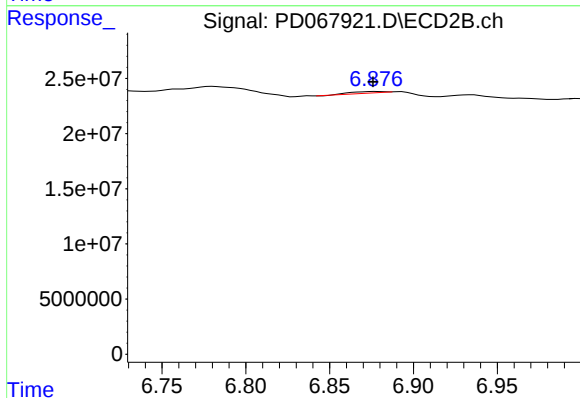
R.T.: 6.687 min  
Delta R.T.: 0.026 min  
Response: 1020487  
Conc: 0.17 ng/ml



#15 Endosulfan II

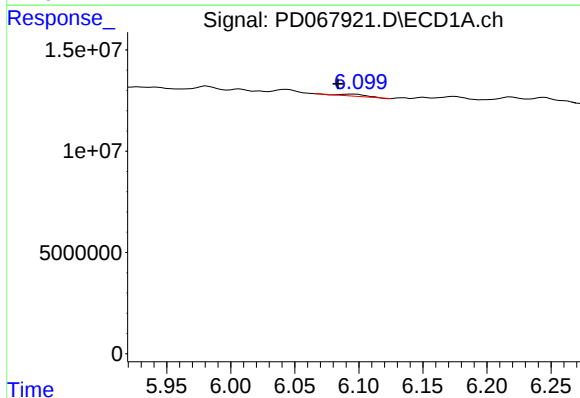
R.T.: 6.219 min  
Delta R.T.: -0.012 min  
Response: 974149  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



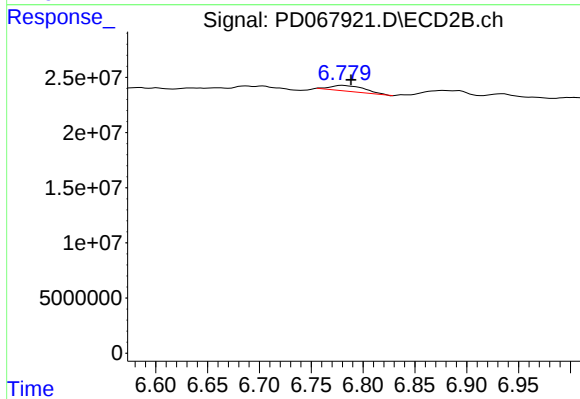
#15 Endosulfan II

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 1754543  
Conc: 0.28 ng/ml



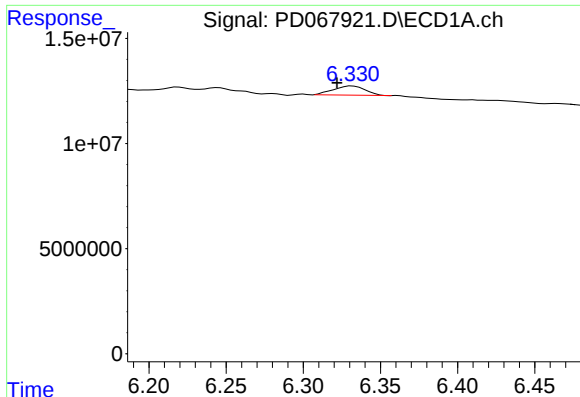
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: 0.011 min  
Response: 1512708  
Conc: 0.77 ng/ml



#16 4,4'-DDD

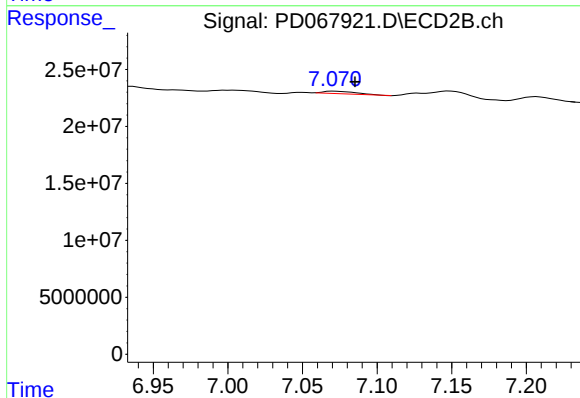
R.T.: 6.780 min  
Delta R.T.: -0.008 min  
Response: 12268707  
Conc: 2.12 ng/ml



#17 4,4'-DDT

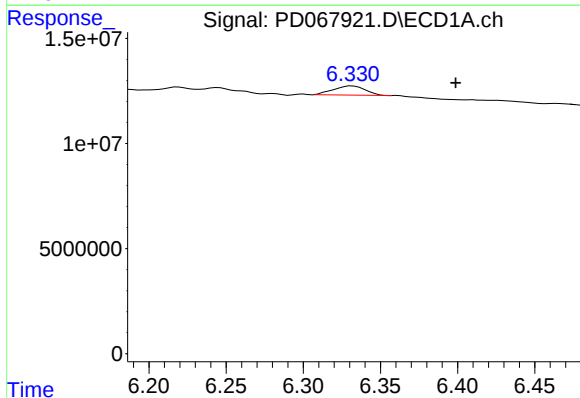
R.T.: 6.332 min  
Delta R.T.: 0.010 min  
Response: 6279346  
Conc: 3.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



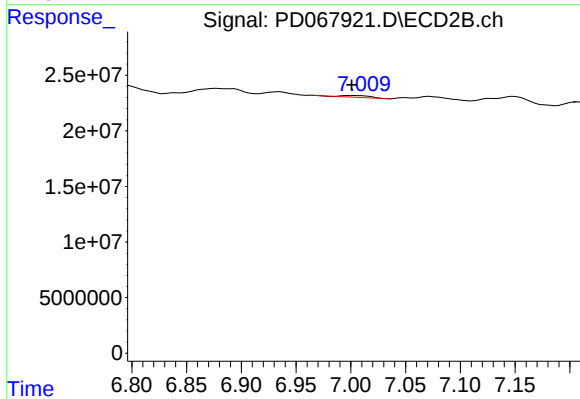
#17 4,4'-DDT

R.T.: 7.071 min  
Delta R.T.: -0.014 min  
Response: 3239530  
Conc: 0.56 ng/ml



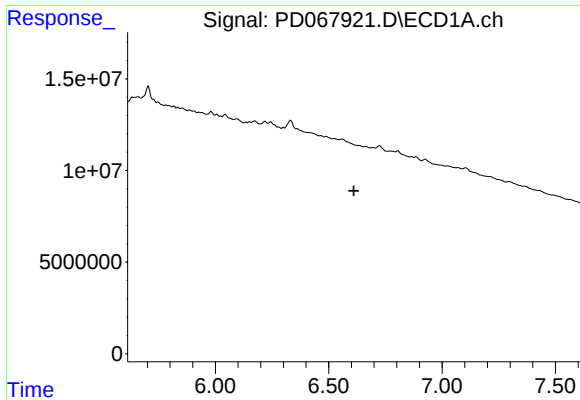
#18 Endrin aldehyde

R.T.: 6.332 min  
Delta R.T.: -0.067 min  
Response: 6279346  
Conc: 4.03 ng/ml



#18 Endrin aldehyde

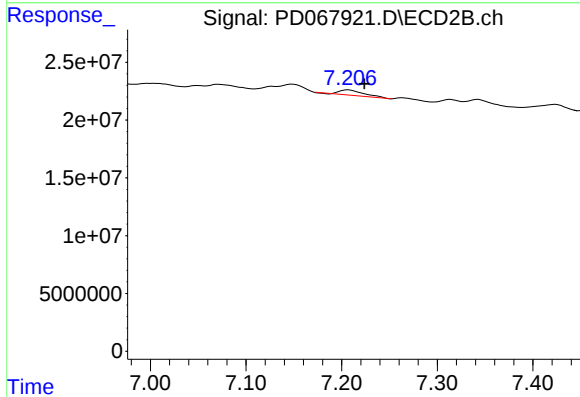
R.T.: 6.998 min  
Delta R.T.: -0.002 min  
Response: 2775186  
Conc: 0.58 ng/ml



#19 Endosulfan Sulfate

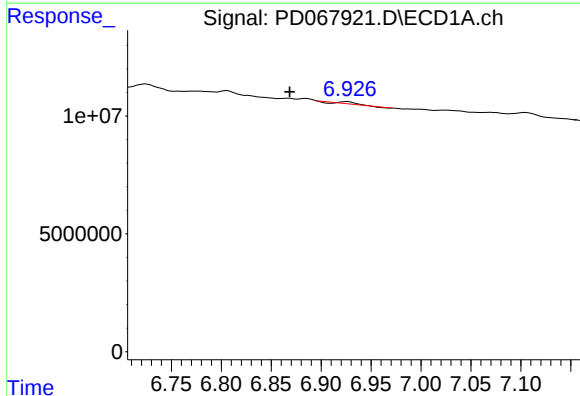
R.T.: 0.000 min  
Exp R.T.: 6.611 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



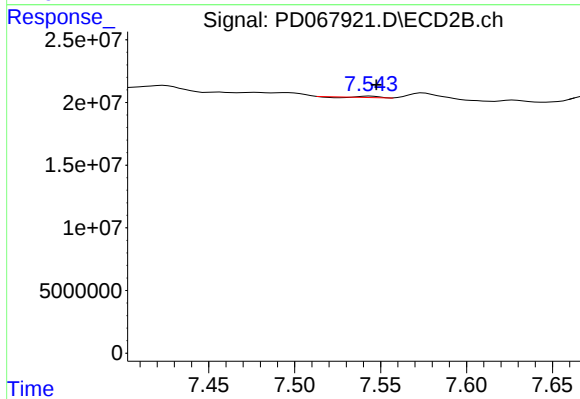
#19 Endosulfan Sulfate

R.T.: 7.207 min  
Delta R.T.: -0.017 min  
Response: 8535057  
Conc: 1.45 ng/ml



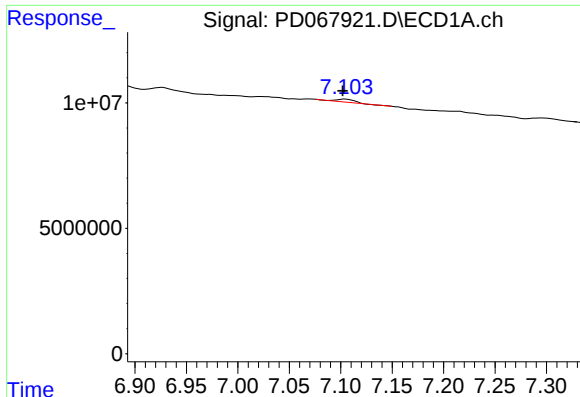
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.058 min  
Response: 692790  
Conc: 0.79 ng/ml



#20 Methoxychlor

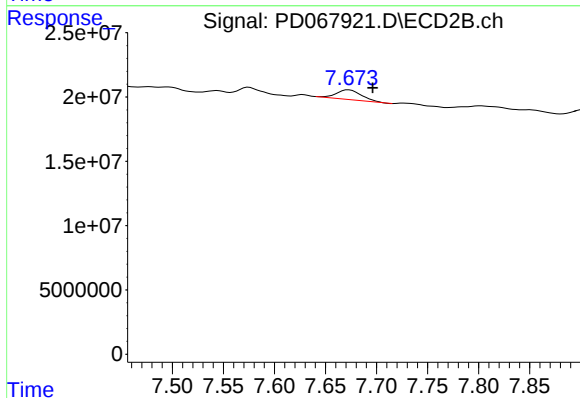
R.T.: 7.544 min  
Delta R.T.: -0.003 min  
Response: 471283  
Conc: 0.17 ng/ml



#21 Endrin ketone

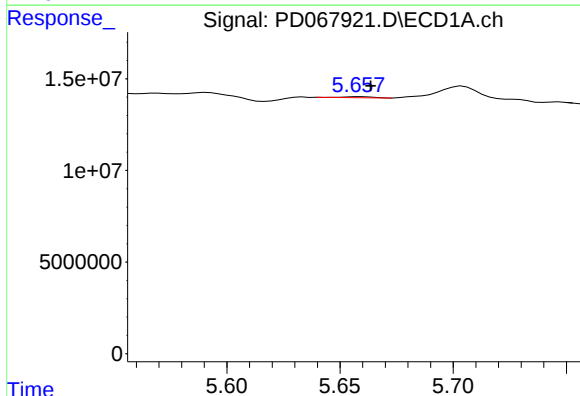
R.T.: 7.104 min  
Delta R.T.: 0.002 min  
Response: 1200534  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



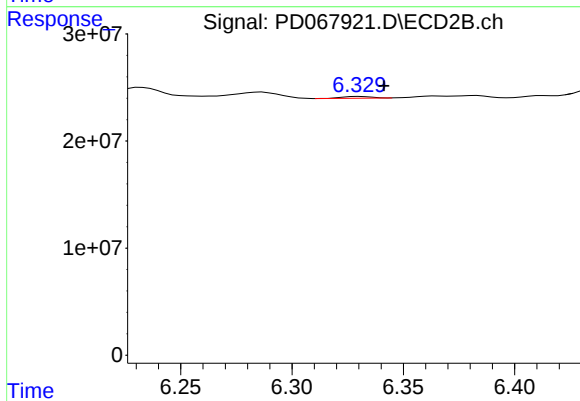
#21 Endrin ketone

R.T.: 7.673 min  
Delta R.T.: -0.023 min  
Response: 13057031  
Conc: 1.95 ng/ml



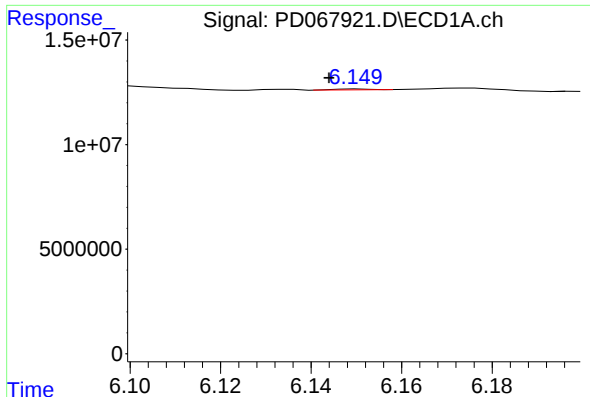
#22 Toxaphene-1

R.T.: 5.659 min  
Delta R.T.: -0.005 min  
Response: 552873  
Conc: 34.63 ng/ml



#22 Toxaphene-1

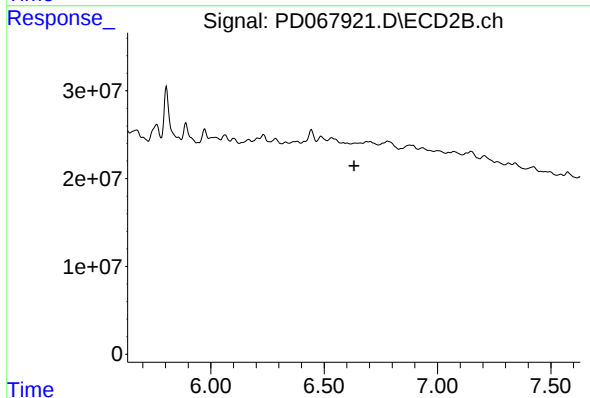
R.T.: 6.330 min  
Delta R.T.: -0.011 min  
Response: 1358122  
Conc: 40.49 ng/ml



#23 Toxaphene-2

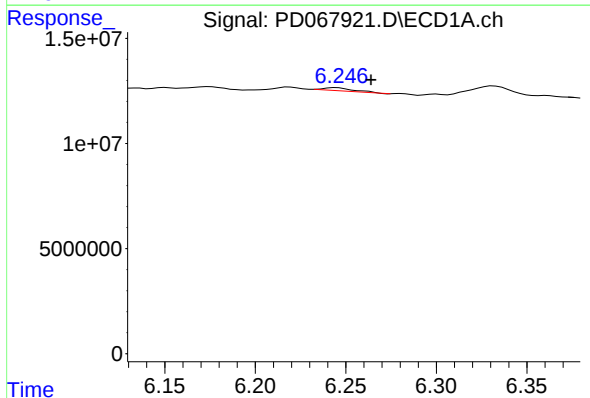
R.T.: 6.151 min  
Delta R.T.: 0.007 min  
Response: 226283  
Conc: 14.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



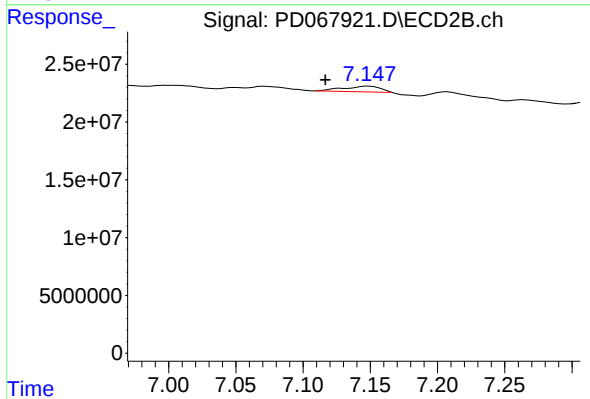
#23 Toxaphene-2

R.T.: 6.633 min  
Delta R.T.: 0.000 min  
Response: -349164  
Conc: N.D.



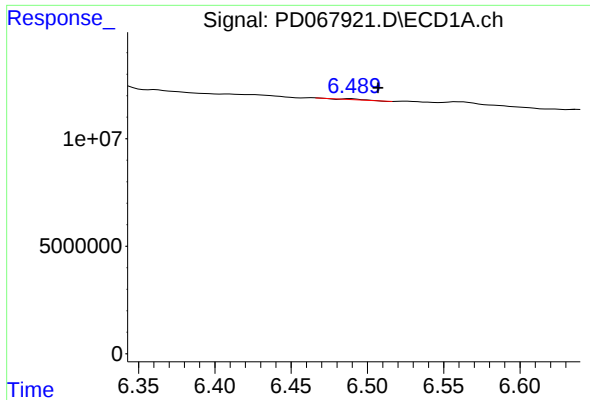
#24 Toxaphene-3

R.T.: 6.245 min  
Delta R.T.: -0.019 min  
Response: 1735547  
Conc: 46.66 ng/ml



#24 Toxaphene-3

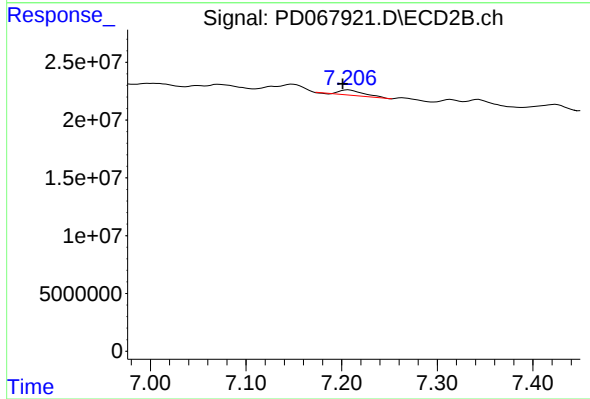
R.T.: 7.149 min  
Delta R.T.: 0.032 min  
Response: 9161676  
Conc: 93.82 ng/ml



#25 Toxaphene-4

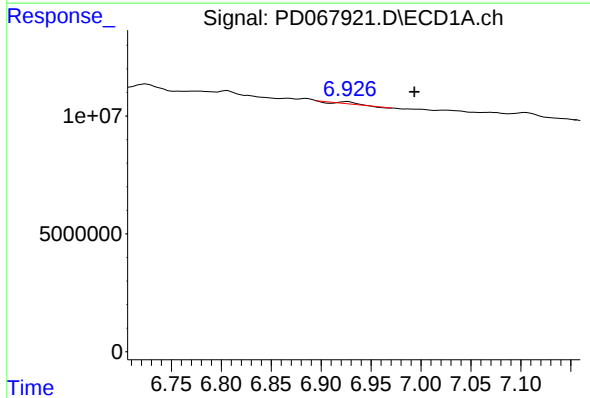
R.T.: 6.489 min  
Delta R.T.: -0.018 min  
Response: 428550  
Conc: 11.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



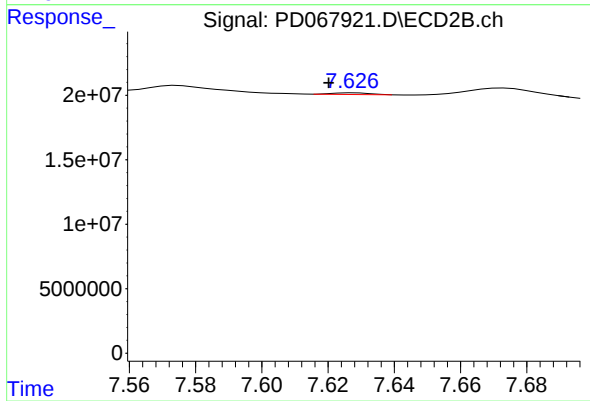
#25 Toxaphene-4

R.T.: 7.207 min  
Delta R.T.: 0.006 min  
Response: 8535057  
Conc: 87.22 ng/ml



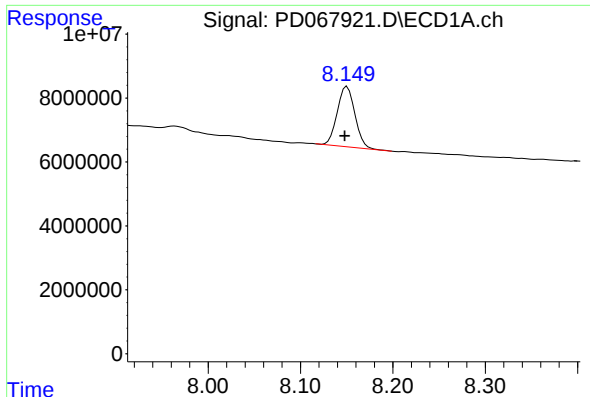
#26 Toxaphene-5

R.T.: 6.927 min  
Delta R.T.: -0.066 min  
Response: 692790  
Conc: 19.10 ng/ml



#26 Toxaphene-5

R.T.: 7.628 min  
Delta R.T.: 0.008 min  
Response: 894590  
Conc: 12.06 ng/ml



#27 Decachlorobiphenyl

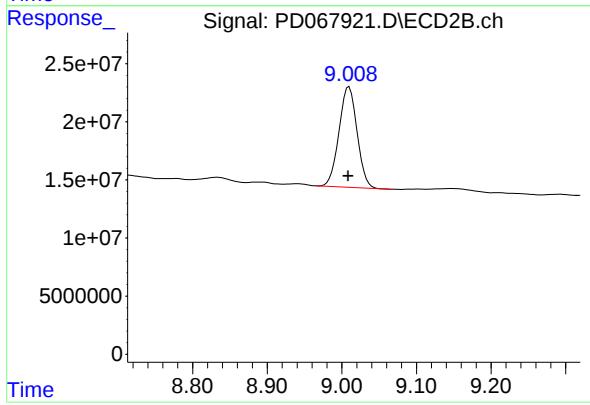
R.T.: 8.150 min

Delta R.T.: 0.003 min

Response: 24829826

Conc: 27.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.010 min

Delta R.T.: 0.001 min

Response: 145302236

Conc: 29.67 ng/ml