

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
 Data File : PD076042.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2023 14:35  
 Operator : AR\AJ  
 Sample : 03331-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 22:16:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.545  | 2.766  | 27873272 | 14201909 | 13.085 | 13.090    |
| 28)                         | SA Decachlor... | 9.083  | 7.909  | 40798133 | 18863780 | 16.104 | 19.292    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | MA gamma-BHC... | 4.310f | 0.000  | 250807   | 0        | 0.075  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.947f | 3.939  | 3393456  | 888337   | 0.946  | 0.585 #   |
| 5)                          | MB Aldrin       | 5.295f | 4.233  | 1240632  | 655934   | 0.354  | 0.440     |
| 6)                          | B beta-BHC      | 4.555f | 3.904  | 588019   | 365587   | 0.409  | 0.574 #   |
| 7)                          | B delta-BHC     | 4.786  | 4.135  | 3397715  | 632480   | 1.022  | 0.436 #   |
| 8)                          | B Heptachlo...  | 5.688  | 4.721  | 8171465  | 145706   | 2.536  | 0.106 #   |
| 10)                         | B gamma-Chl...  | 5.953  | 4.971  | 28741261 | 7099375  | 8.922  | 5.174 #   |
| 11)                         | B alpha-Chl...  | 6.035  | 5.034  | 61903762 | 18604452 | 19.148 | 13.562 #  |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.225  | 13927413 | 3972617  | 4.873  | 3.559 #   |
| 13)                         | MA Dieldrin     | 6.354  | 5.357  | 11843542 | 14038717 | 3.790  | 10.405 #  |
| 14)                         | MA Endrin       | 6.584  | 5.639  | 6406700  | 1687744  | 2.396  | 1.387 #   |
| 15)                         | B Endosulfa...  | 6.801  | 5.919  | 4827527  | 4177448  | 1.869  | 3.872 #   |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.779  | 33490839 | 757829   | 14.717 | 0.860 #   |
| 17)                         | MA 4,4'-DDT     | 7.009f | 6.026  | 37432235 | 27226789 | 16.495 | 33.518 #  |
| 18)                         | B Endrin al...  | 6.959f | 6.124f | 3441769  | 6293238  | 1.715  | 7.271 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.325  | 0        | 10883545 | N.D.   | 10.072 #  |
| 20)                         | A Methoxychlor  | 7.503  | 6.581f | 429995   | 5832276  | 0.332  | 12.601 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.833  | 0        | 257981   | N.D.   | 0.212 #   |
| 22)                         | Mirex           | 8.166f | 7.017  | 3113330  | 238968   | 1.453  | 0.228 #   |
| 23)                         | Chlordane-1     | 4.709  | 3.765  | 2273124  | 890690   | 19.771 | 19.460    |
| 24)                         | Chlordane-2     | 5.238  | 4.344  | 4965262  | 2696250  | 37.728 | 50.856 #  |
| 25)                         | Chlordane-3     | 5.953  | 4.971  | 28741261 | 7099375  | 55.345 | 47.820    |
| 26)                         | Chlordane-4     | 6.035  | 5.034  | 61903762 | 18604452 | 98.225 | 126.769 # |
| 27)                         | Chlordane-5     | 6.883  | 5.919f | -746214  | 4177448  | N.D.   | 86.369    |
| -----                       |                 |        |        |          |          |        |           |

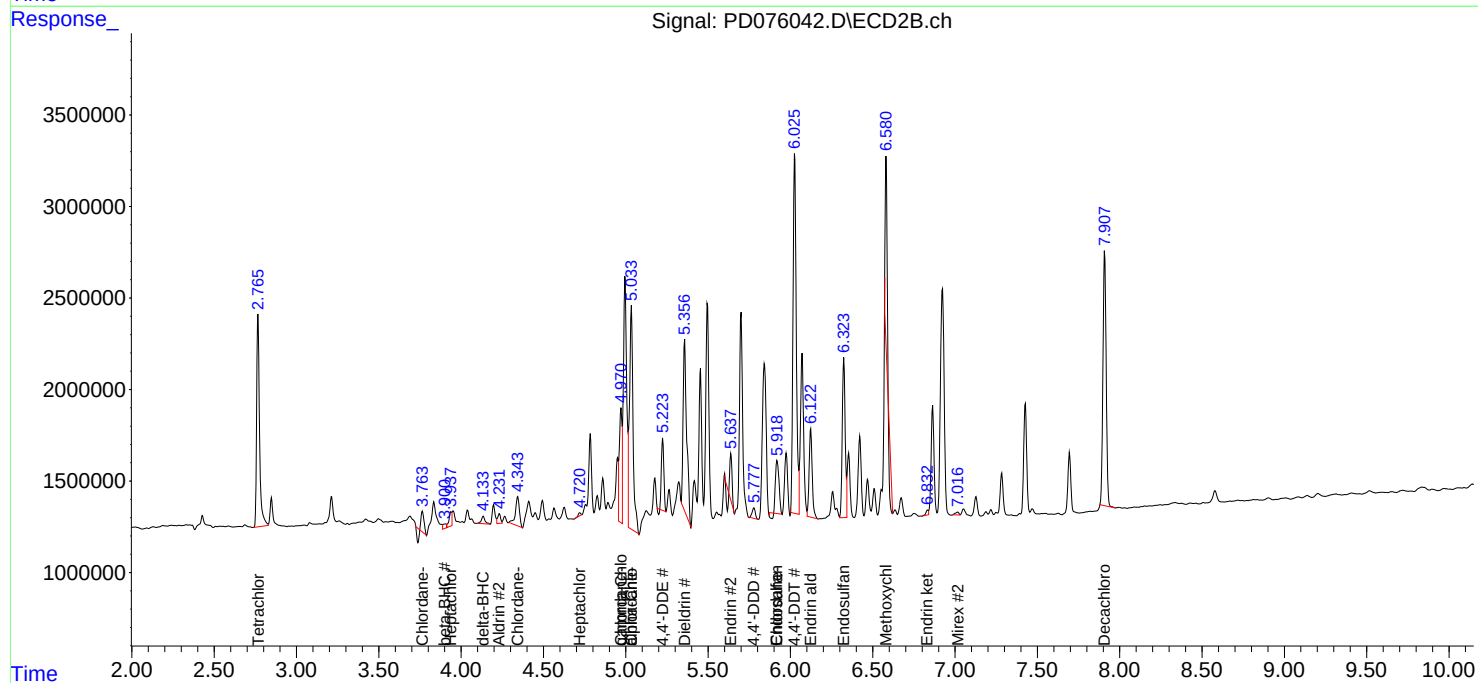
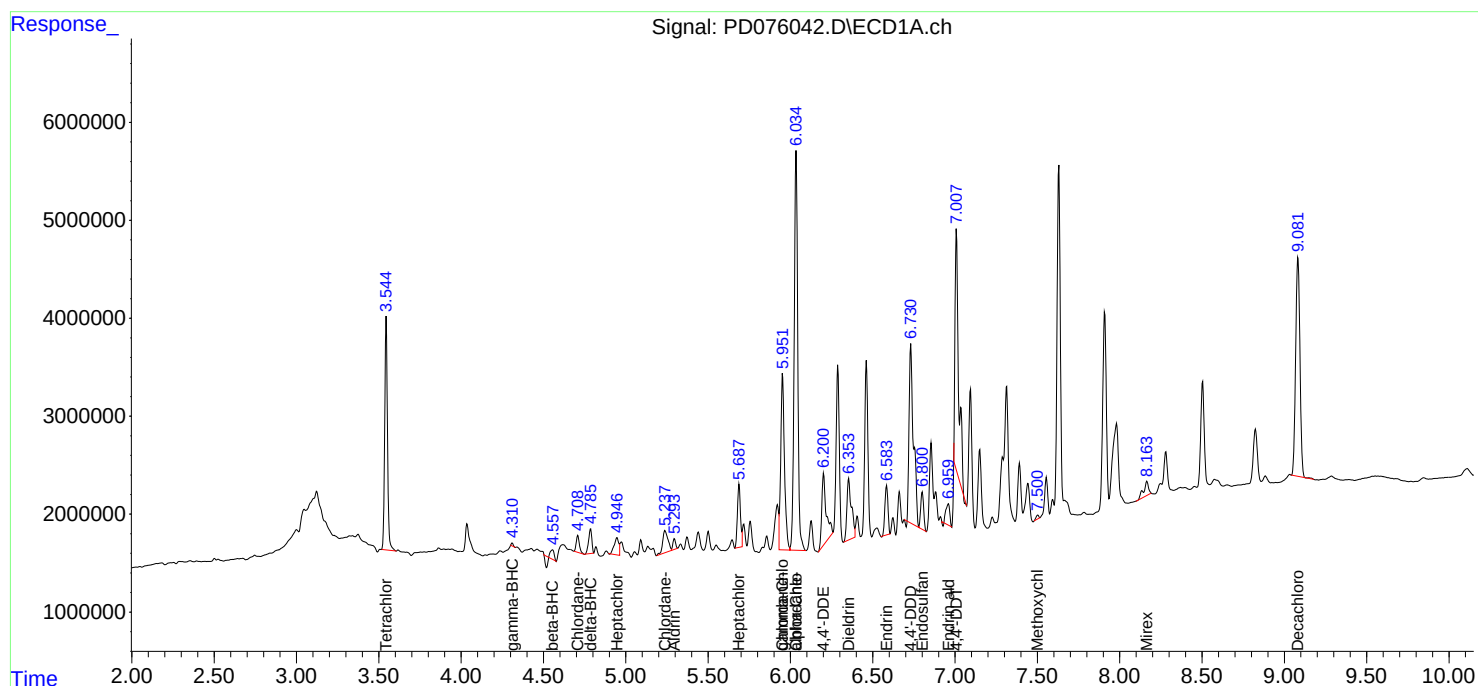
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

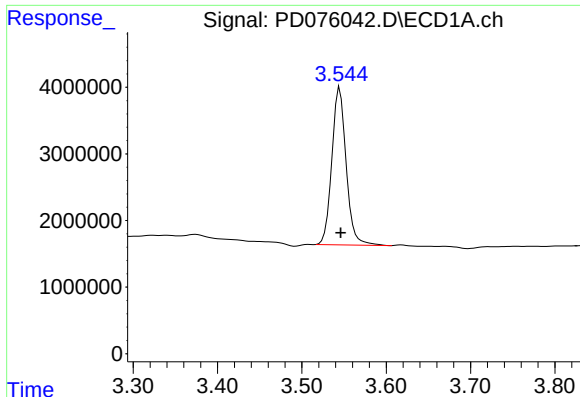
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
Data File : PD076042.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2023 14:35  
Operator : AR\AJ  
Sample : 03331-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 22:16:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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

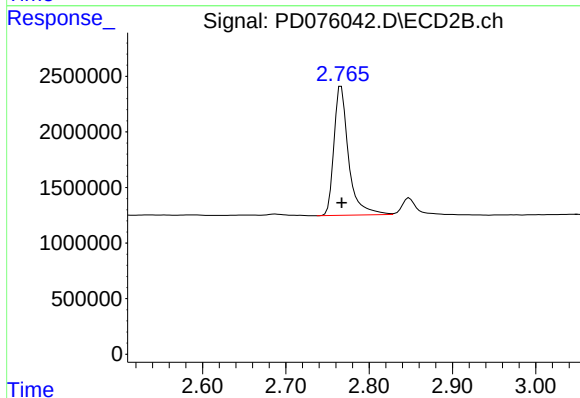




#1 Tetrachloro-m-xylene

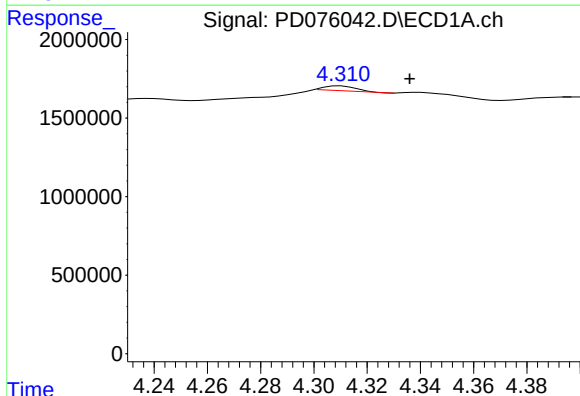
R.T.: 3.545 min  
Delta R.T.: -0.001 min  
Response: 27873272  
Conc: 13.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



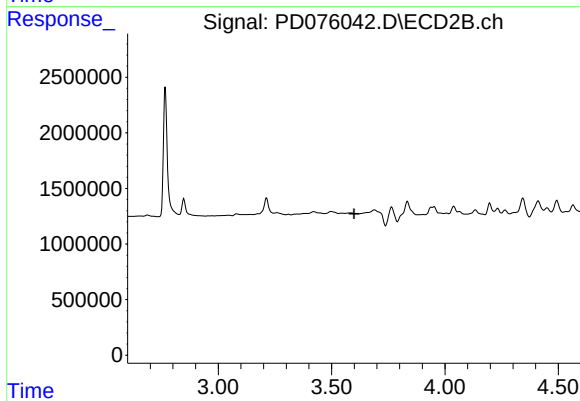
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 14201909  
Conc: 13.09 ng/ml



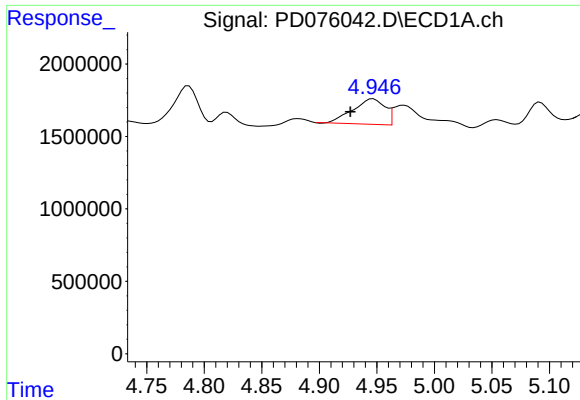
#3 gamma-BHC (Lindane)

R.T.: 4.310 min  
Delta R.T.: -0.026 min  
Response: 250807  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

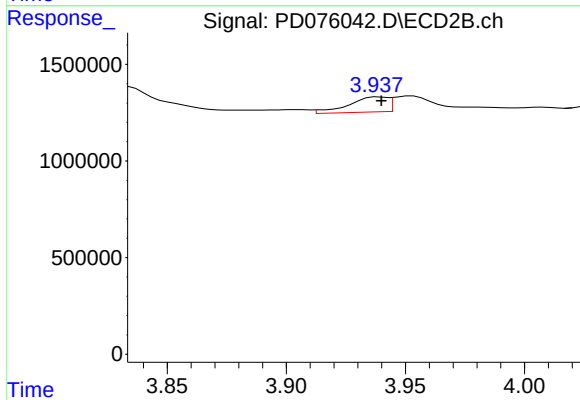
R.T.: 0.000 min  
Exp R.T. : 3.599 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

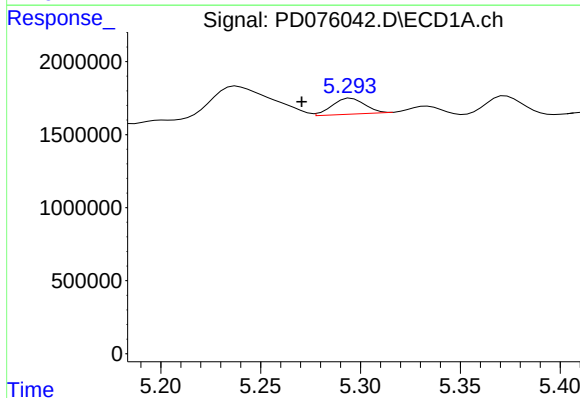
R.T.: 4.947 min  
Delta R.T.: 0.020 min  
Response: 3393456  
Conc: 0.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



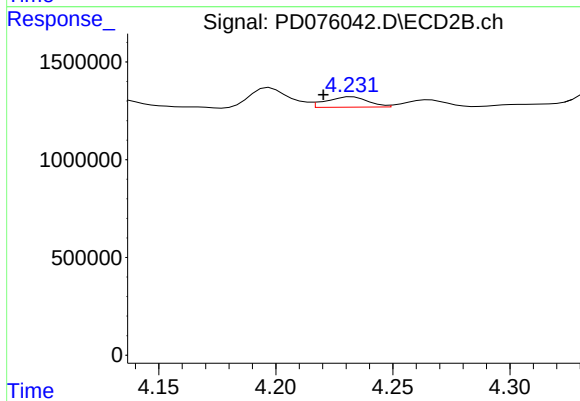
#4 Heptachlor

R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 888337  
Conc: 0.58 ng/ml



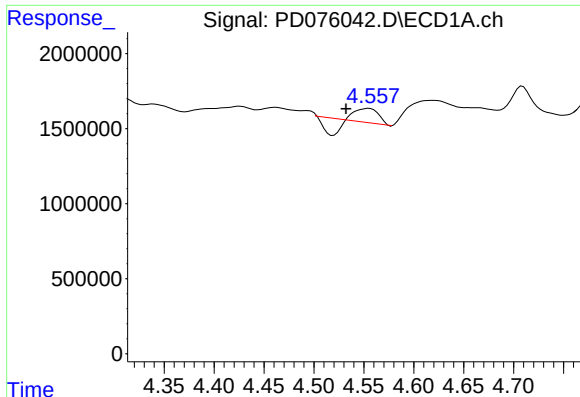
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: 0.025 min  
Response: 1240632  
Conc: 0.35 ng/ml



#5 Aldrin

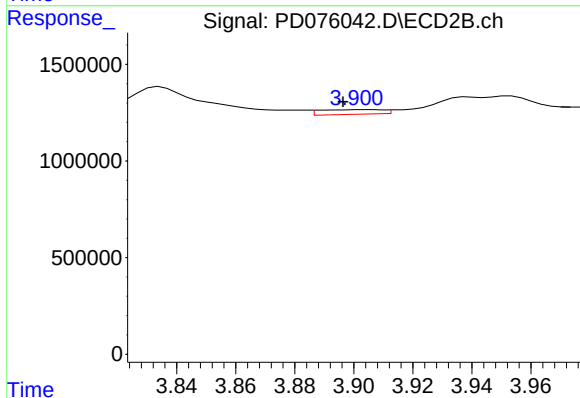
R.T.: 4.233 min  
Delta R.T.: 0.012 min  
Response: 655934  
Conc: 0.44 ng/ml



#6 beta-BHC

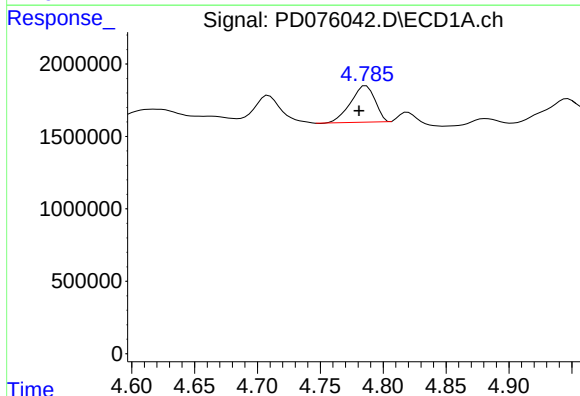
R.T.: 4.555 min  
Delta R.T.: 0.023 min  
Response: 588019  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



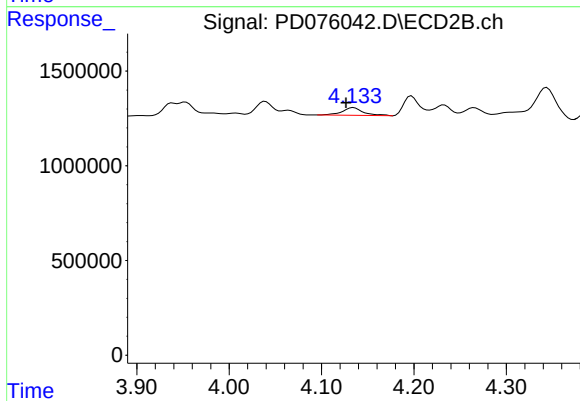
#6 beta-BHC

R.T.: 3.904 min  
Delta R.T.: 0.007 min  
Response: 365587  
Conc: 0.57 ng/ml



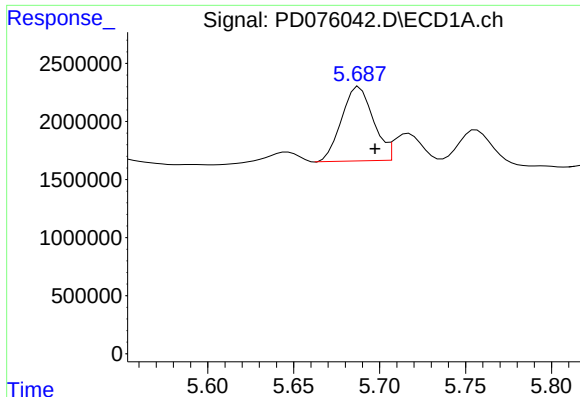
#7 delta-BHC

R.T.: 4.786 min  
Delta R.T.: 0.005 min  
Response: 3397715  
Conc: 1.02 ng/ml



#7 delta-BHC

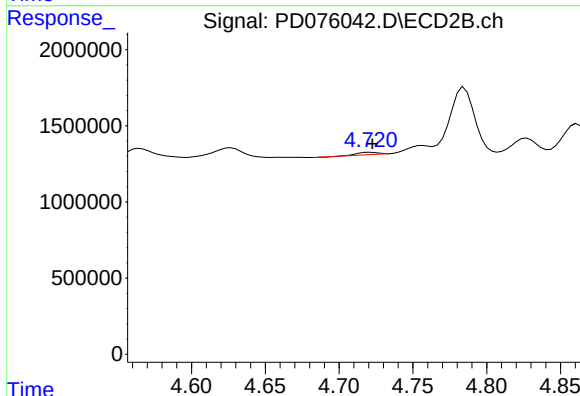
R.T.: 4.135 min  
Delta R.T.: 0.008 min  
Response: 632480  
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

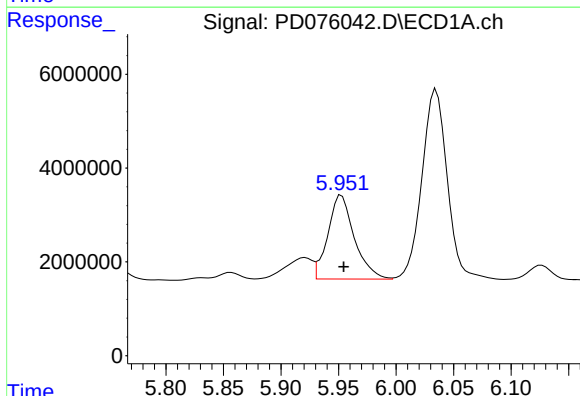
R.T.: 5.688 min  
Delta R.T.: -0.009 min  
Response: 8171465  
Conc: 2.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



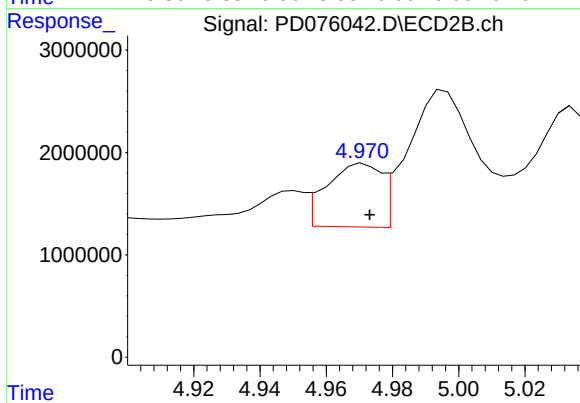
#8 Heptachlor epoxide

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 145706  
Conc: 0.11 ng/ml



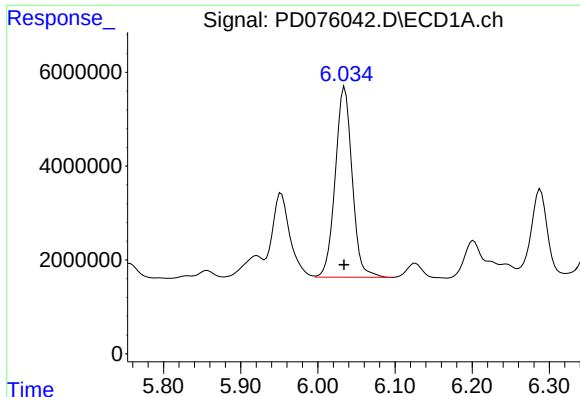
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 28741261  
Conc: 8.92 ng/ml



#10 gamma-Chlordane

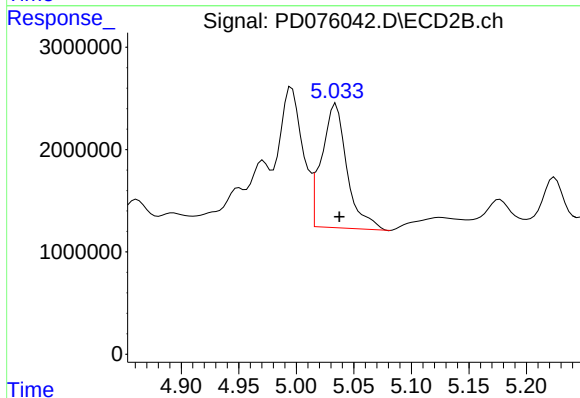
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 7099375  
Conc: 5.17 ng/ml



#11 alpha-Chlordane

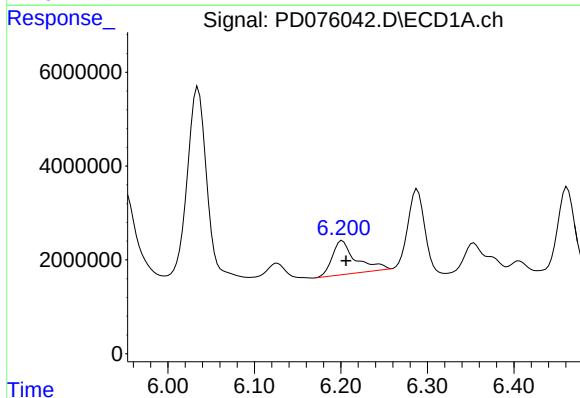
R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 61903762  
Conc: 19.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



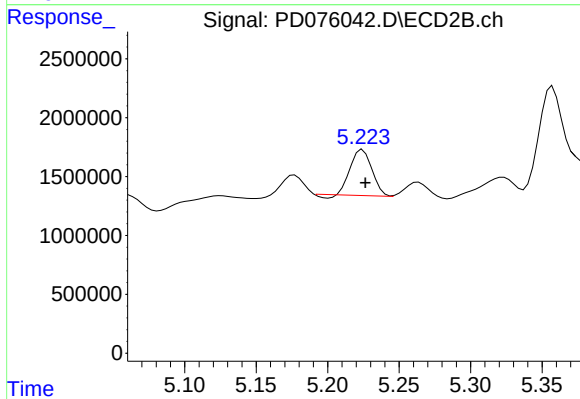
#11 alpha-Chlordane

R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 18604452  
Conc: 13.56 ng/ml



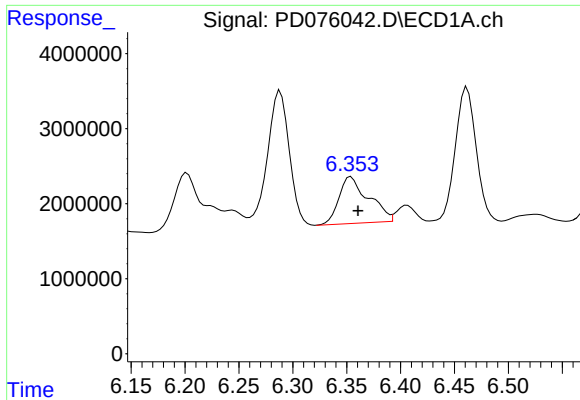
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: -0.004 min  
Response: 13927413  
Conc: 4.87 ng/ml



#12 4,4'-DDE

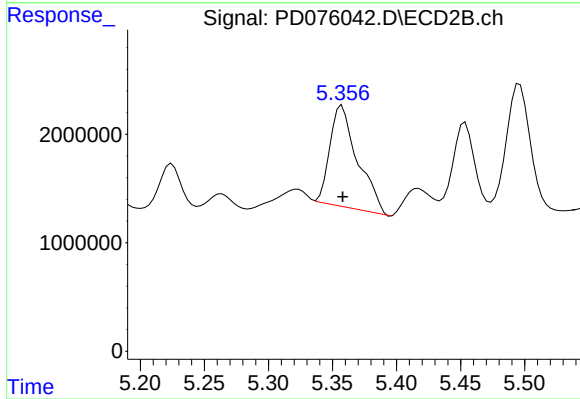
R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 3972617  
Conc: 3.56 ng/ml



#13 Dieldrin

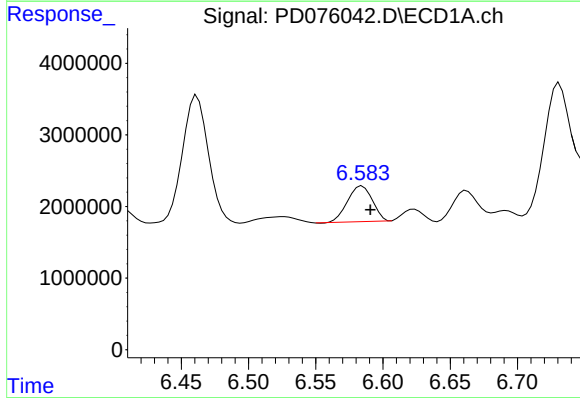
R.T.: 6.354 min  
Delta R.T.: -0.006 min  
Response: 11843542  
Conc: 3.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



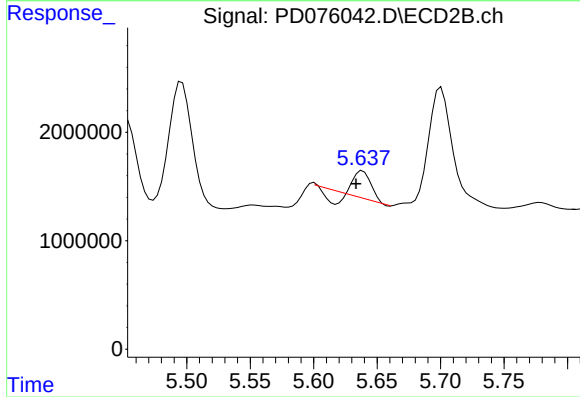
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 14038717  
Conc: 10.41 ng/ml



#14 Endrin

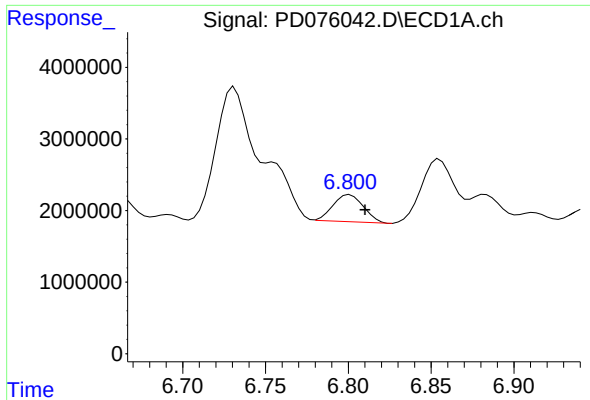
R.T.: 6.584 min  
Delta R.T.: -0.006 min  
Response: 6406700  
Conc: 2.40 ng/ml



#14 Endrin

R.T.: 5.639 min  
Delta R.T.: 0.005 min  
Response: 1687744  
Conc: 1.39 ng/ml

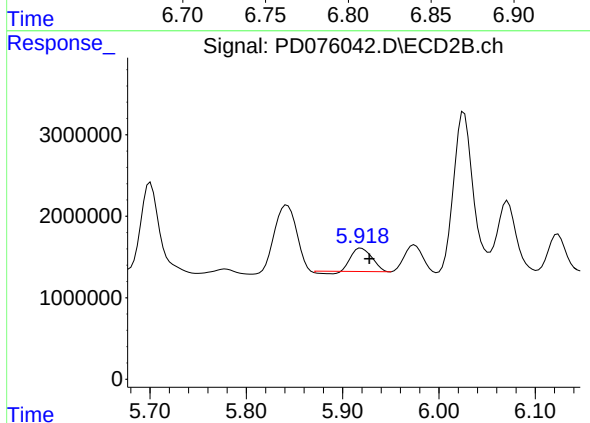




#15 Endosulfan II

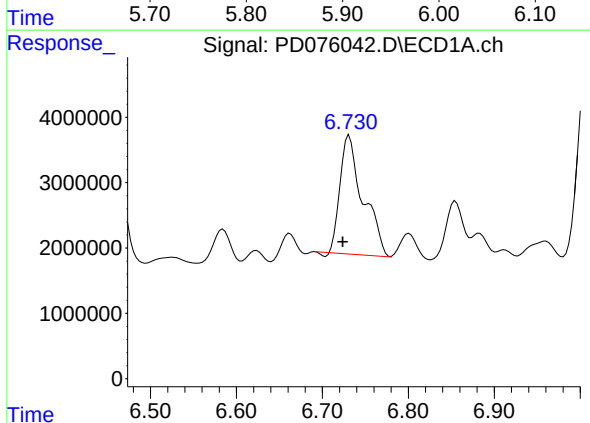
R.T.: 6.801 min  
Delta R.T.: -0.009 min  
Response: 4827527  
Conc: 1.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



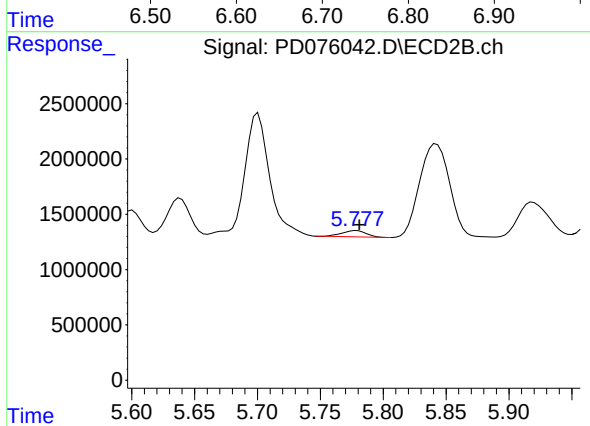
#15 Endosulfan II

R.T.: 5.919 min  
Delta R.T.: -0.009 min  
Response: 4177448  
Conc: 3.87 ng/ml



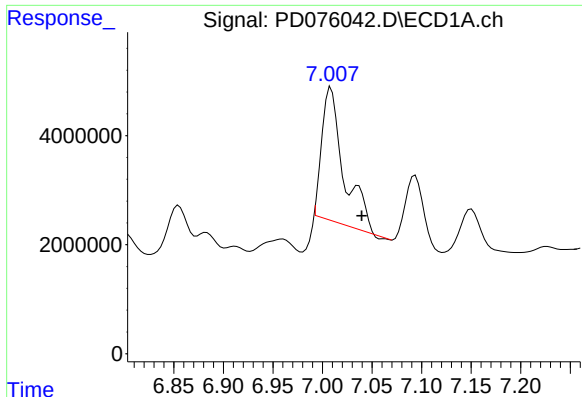
#16 4,4'-DDD

R.T.: 6.731 min  
Delta R.T.: 0.008 min  
Response: 33490839  
Conc: 14.72 ng/ml



#16 4,4'-DDD

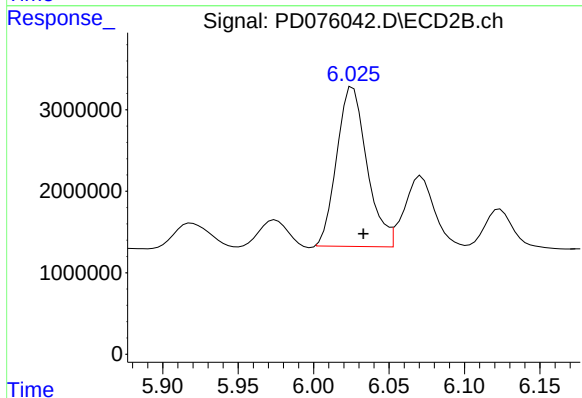
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 757829  
Conc: 0.86 ng/ml



#17 4,4'-DDT

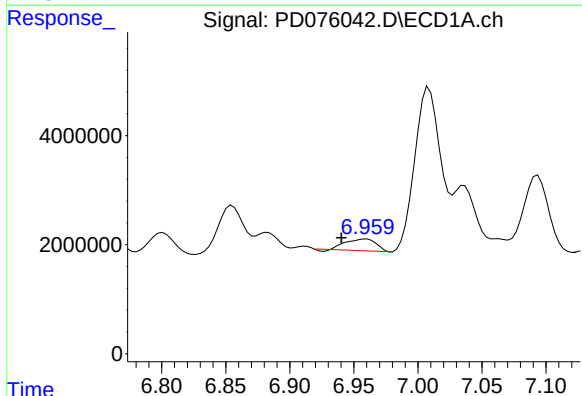
R.T.: 7.009 min  
Delta R.T.: -0.031 min  
Response: 37432235  
Conc: 16.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



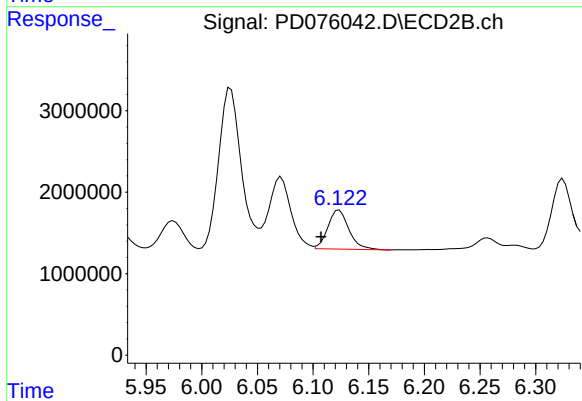
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.007 min  
Response: 27226789  
Conc: 33.52 ng/ml



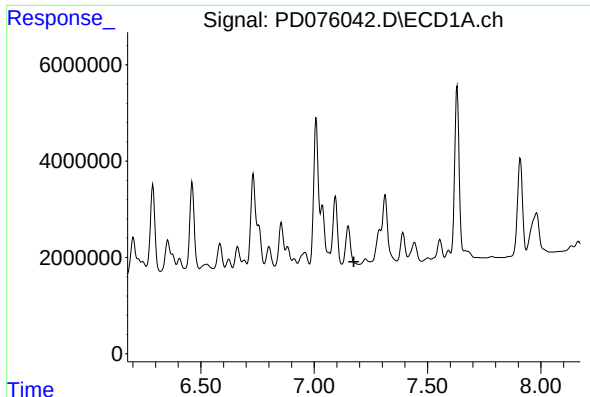
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: 0.019 min  
Response: 3441769  
Conc: 1.72 ng/ml



#18 Endrin aldehyde

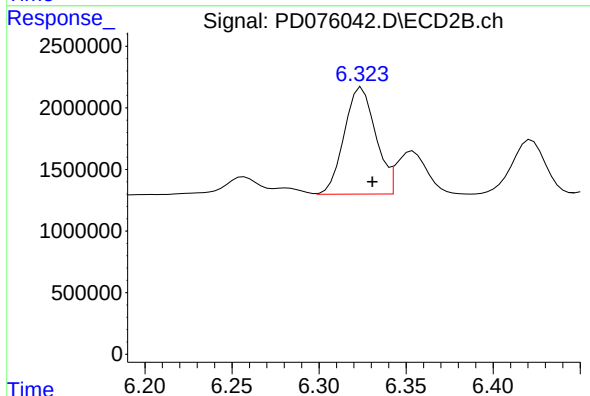
R.T.: 6.124 min  
Delta R.T.: 0.016 min  
Response: 6293238  
Conc: 7.27 ng/ml



#19 Endosulfan Sulfate

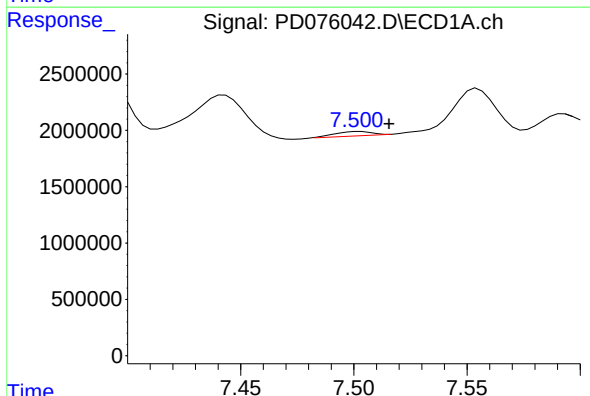
R.T.: 0.000 min  
Exp R.T.: 7.175 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



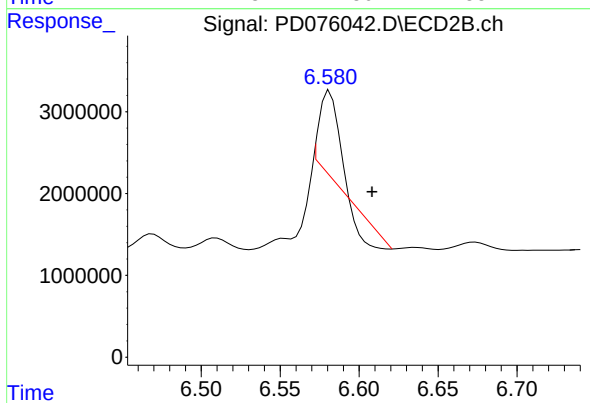
#19 Endosulfan Sulfate

R.T.: 6.325 min  
Delta R.T.: -0.006 min  
Response: 10883545  
Conc: 10.07 ng/ml



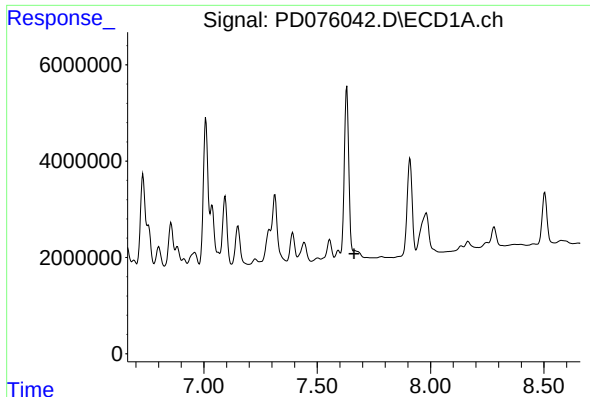
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.013 min  
Response: 429995  
Conc: 0.33 ng/ml



#20 Methoxychlor

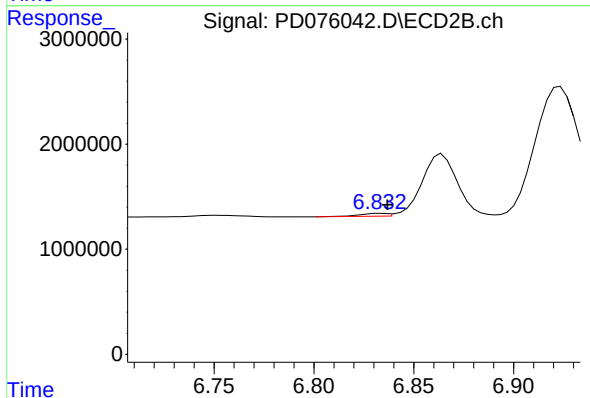
R.T.: 6.581 min  
Delta R.T.: -0.027 min  
Response: 5832276  
Conc: 12.60 ng/ml



#21 Endrin ketone

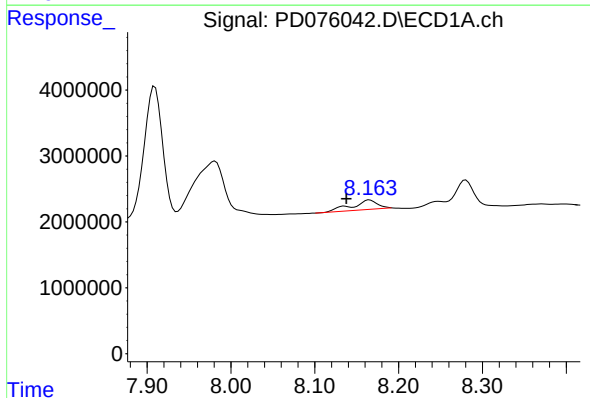
R.T.: 0.000 min  
Exp R.T.: 7.662 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



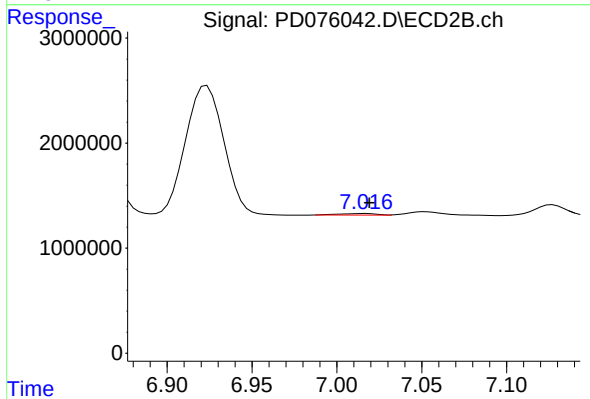
#21 Endrin ketone

R.T.: 6.833 min  
Delta R.T.: -0.004 min  
Response: 257981  
Conc: 0.21 ng/ml



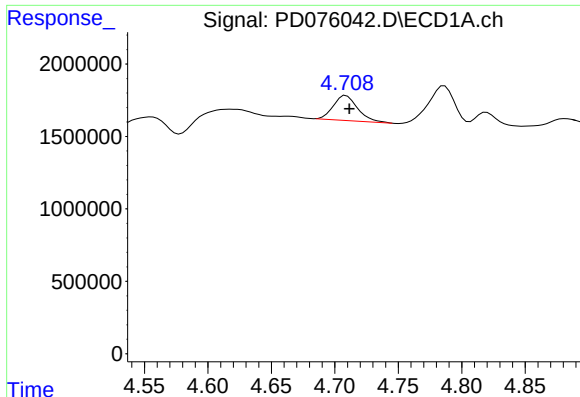
#22 Mirex

R.T.: 8.166 min  
Delta R.T.: 0.028 min  
Response: 3113330  
Conc: 1.45 ng/ml



#22 Mirex

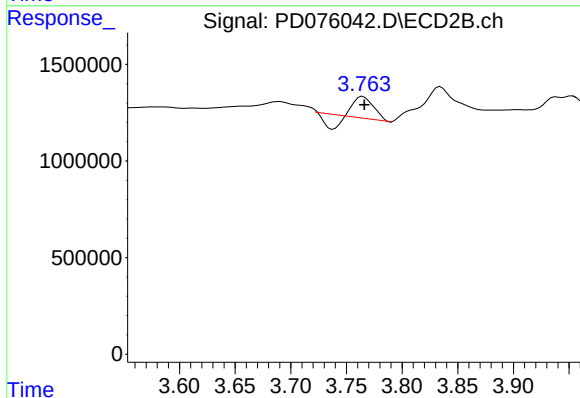
R.T.: 7.017 min  
Delta R.T.: -0.002 min  
Response: 238968  
Conc: 0.23 ng/ml



#23 Chlordane-1

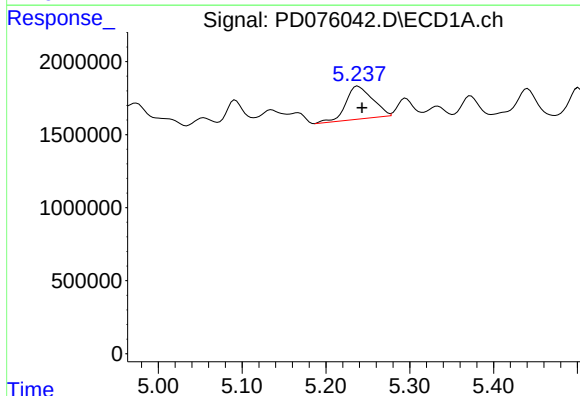
R.T.: 4.709 min  
Delta R.T.: -0.002 min  
Response: 2273124  
Conc: 19.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



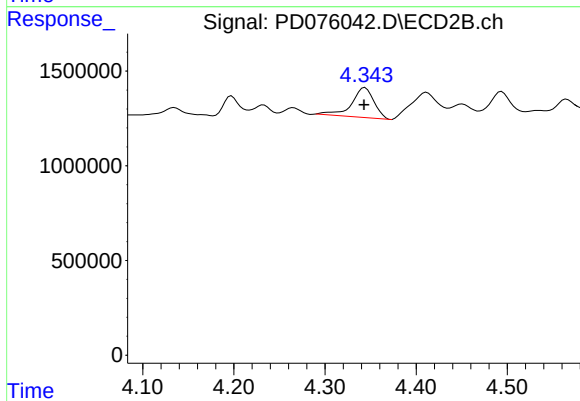
#23 Chlordane-1

R.T.: 3.765 min  
Delta R.T.: -0.001 min  
Response: 890690  
Conc: 19.46 ng/ml



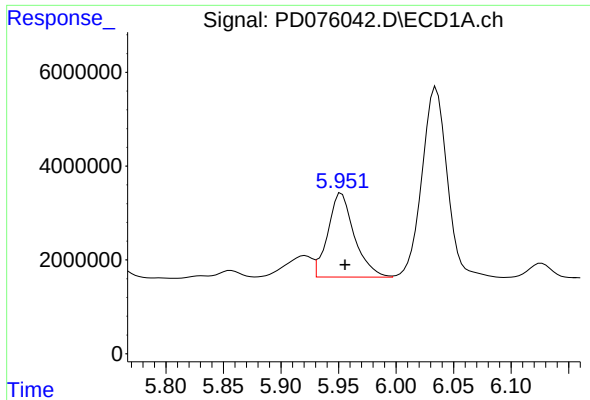
#24 Chlordane-2

R.T.: 5.238 min  
Delta R.T.: -0.005 min  
Response: 4965262  
Conc: 37.73 ng/ml



#24 Chlordane-2

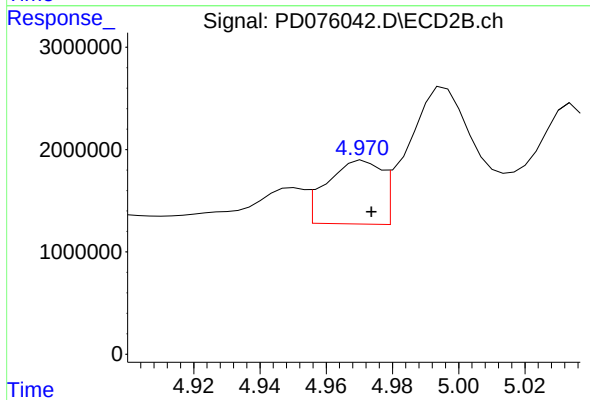
R.T.: 4.344 min  
Delta R.T.: 0.001 min  
Response: 2696250  
Conc: 50.86 ng/ml



#25 Chlordane-3

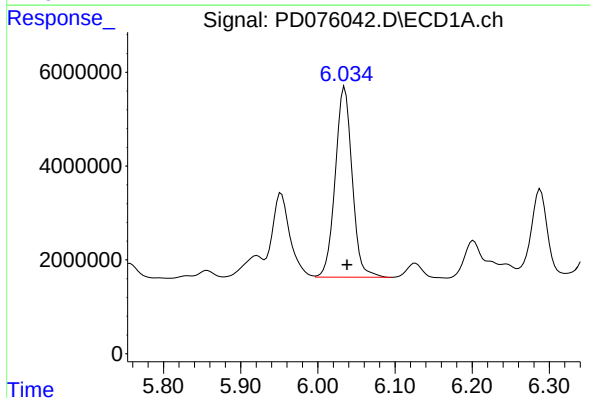
R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 28741261  
Conc: 55.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



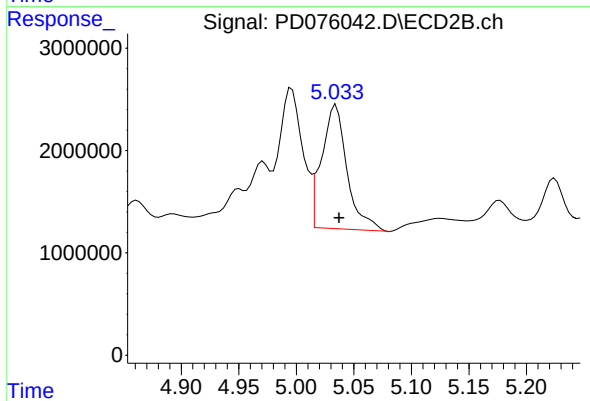
#25 Chlordane-3

R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 7099375  
Conc: 47.82 ng/ml



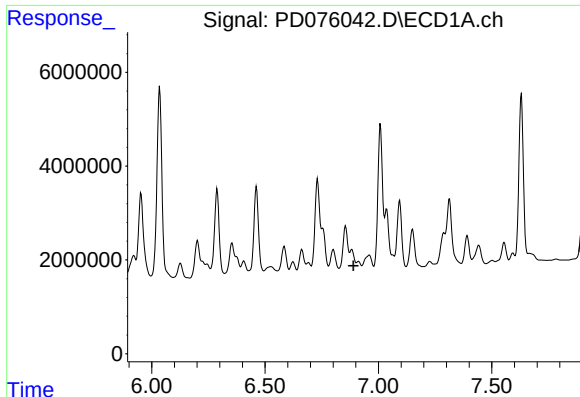
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 61903762  
Conc: 98.23 ng/ml



#26 Chlordane-4

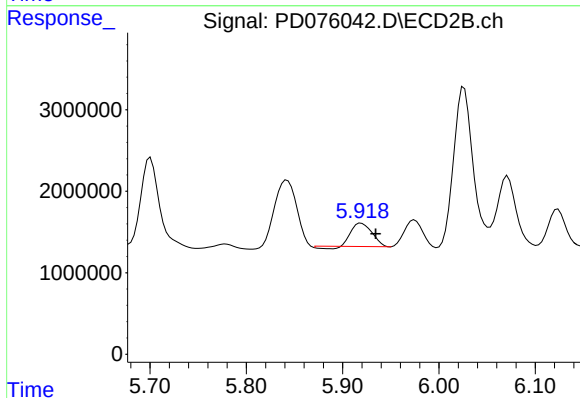
R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 18604452  
Conc: 126.77 ng/ml



#27 Chlordane-5

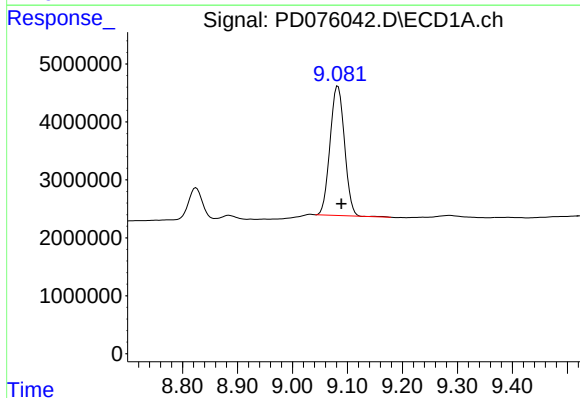
R.T.: 6.883 min  
Delta R.T.: -0.008 min  
Response: -746214  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



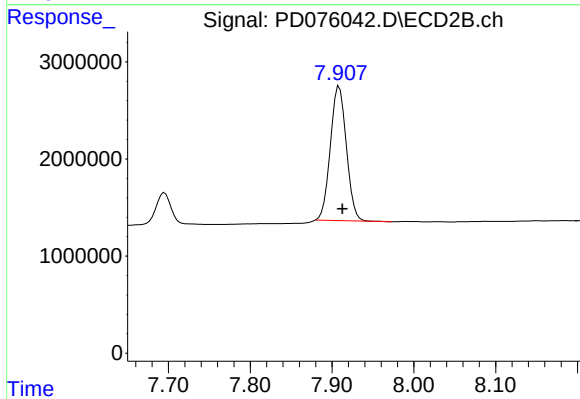
#27 Chlordane-5

R.T.: 5.919 min  
Delta R.T.: -0.015 min  
Response: 4177448  
Conc: 86.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.006 min  
Response: 40798133  
Conc: 16.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.004 min  
Response: 18863780  
Conc: 19.29 ng/ml