

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
 Data File : PD078576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 05:36  
 Operator : AR\AJ  
 Sample : 04622-02  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I-4(0-5)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 06:28:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 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... | 3.539  | 2.780f | 7783174  | 73578481 | 2.696  | 36.026 # |
| 28)                         | SA Decachlor... | 9.072  | 7.894  | 34591810 | 14539738 | 9.328  | 6.408 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.275f | 0        | 16573943 | N.D.   | 5.529 #  |
| 4)                          | MA Heptachlor   | 4.925  | 3.941f | 351875   | 4827315  | 0.075  | 1.636 #  |
| 5)                          | MB Aldrin       | 5.253  | 4.190f | 4309969  | 3221519  | 0.892  | 1.086    |
| 6)                          | B beta-BHC      | 0.000  | 3.857f | 0        | 9619001  | N.D.   | 8.323 #  |
| 7)                          | B delta-BHC     | 4.769  | 4.126  | 373472   | 210958   | 0.083  | 0.074    |
| 8)                          | B Heptachlo...  | 5.684  | 4.704  | 656981   | 480387   | 0.156  | 0.178    |
| 9)                          | A Endosulfan I  | 0.000  | 5.069  | 0        | 9123916  | N.D.   | 3.628 #  |
| 10)                         | B gamma-Chl...  | 5.967f | 4.943  | 1183856  | 14720406 | 0.282  | 5.478 #  |
| 11)                         | B alpha-Chl...  | 6.038  | 5.026  | 7775668  | 1061725  | 1.846  | 0.395 #  |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.207  | 2385775  | 2270423  | 0.596  | 0.892 #  |
| 13)                         | MA Dieldrin     | 6.342  | 5.345  | 2669249  | 6463158  | 0.636  | 2.315 #  |
| 14)                         | MA Endrin       | 6.595  | 5.603  | 5303675  | 3866900  | 1.579  | 1.563    |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.751  | -1625700 | 19482922 | N.D.   | 9.846    |
| 17)                         | MA 4,4'-DDT     | 7.005f | 6.010  | 5151568  | 2881805  | 1.741  | 1.416    |
| 18)                         | B Endrin al...  | 6.966f | 6.112f | -743584  | 1885978  | N.D.   | 1.017    |
| 19)                         | B Endosulfa...  | 7.191f | 6.311  | 295456   | 1868792  | 0.092  | 0.842 #  |
| 20)                         | A Methoxychlor  | 7.499  | 6.569f | 2377209  | 1441702  | 1.424  | 1.321    |
| 23)                         | Chlordane-1     | 4.701  | 3.761  | 3055332  | 6018084  | 23.226 | 82.742 # |
| 24)                         | Chlordane-2     | 5.253f | 4.319  | 4309969  | 2319846  | 30.223 | 29.957   |
| 25)                         | Chlordane-3     | 5.967f | 4.943  | 1183856  | 14720406 | 2.024  | 57.133 # |
| 26)                         | Chlordane-4     | 6.038  | 5.026  | 7775668  | 1061725  | 10.990 | 4.228 #  |

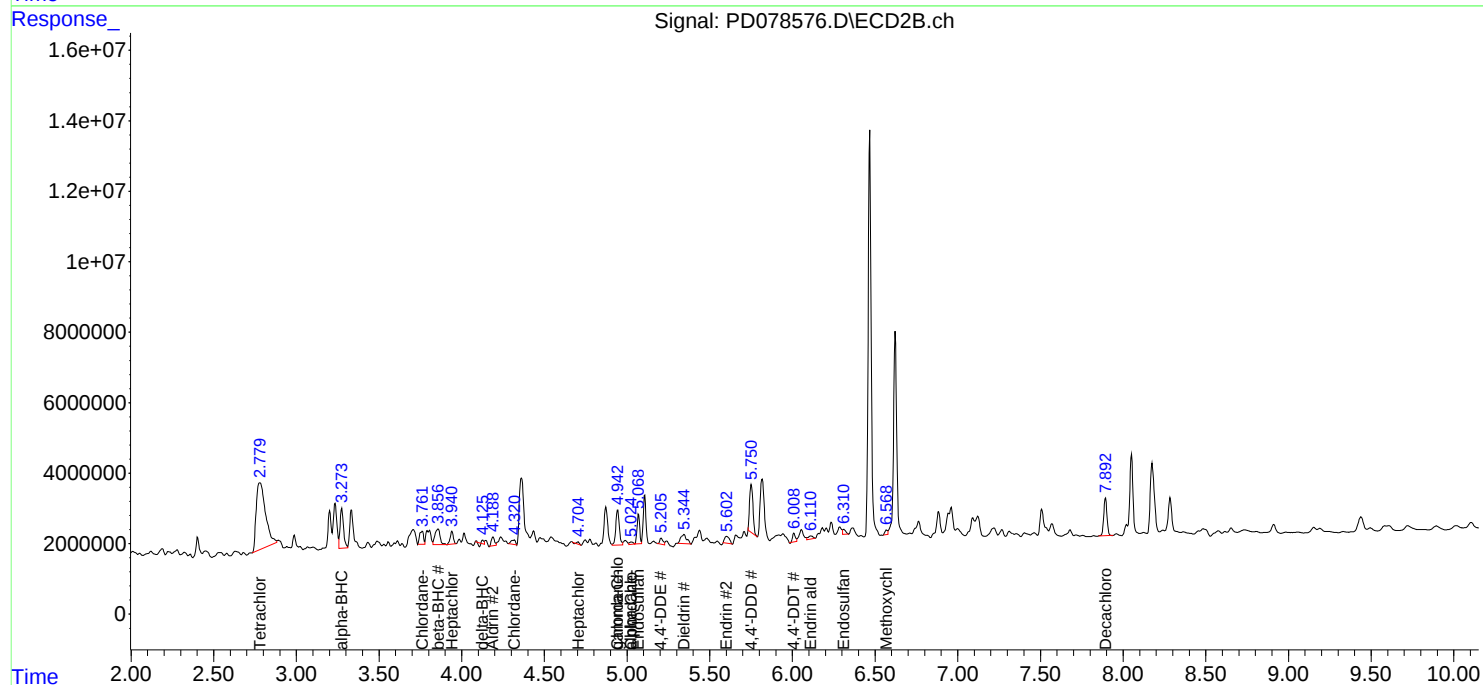
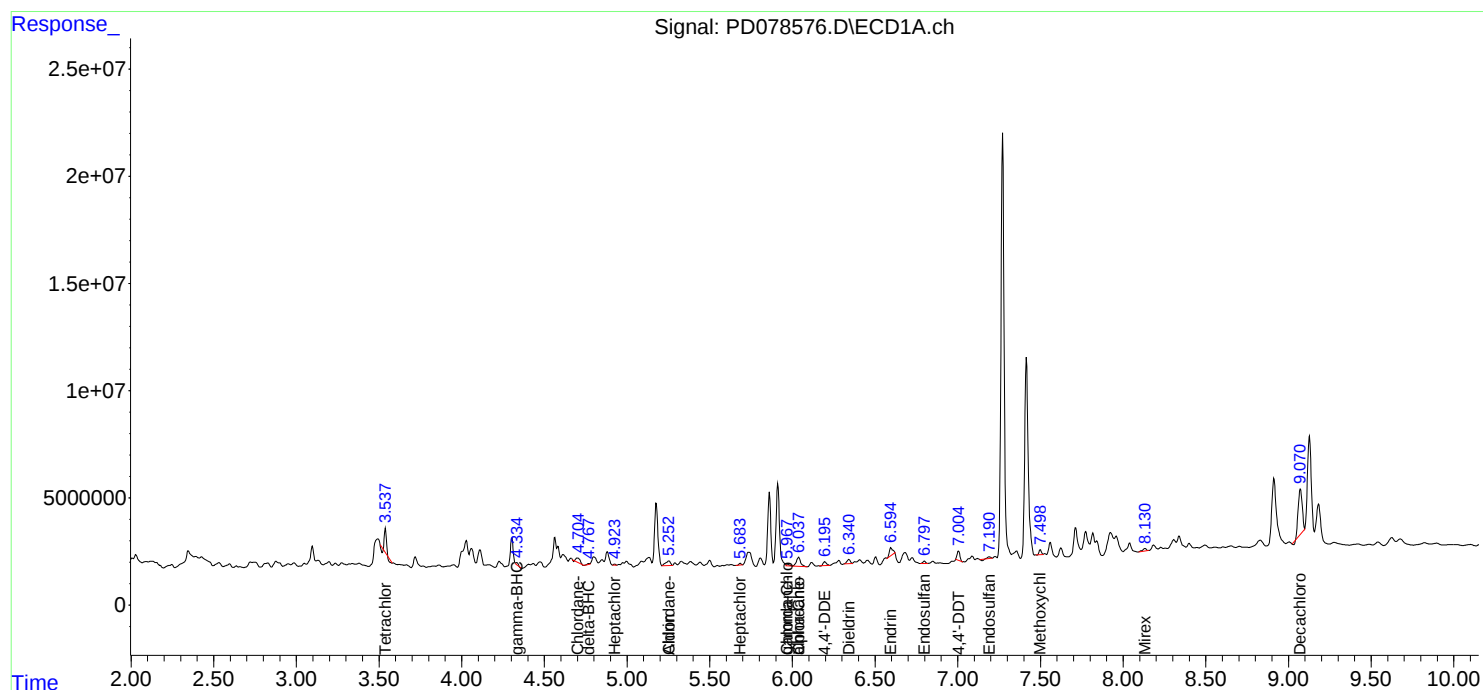
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

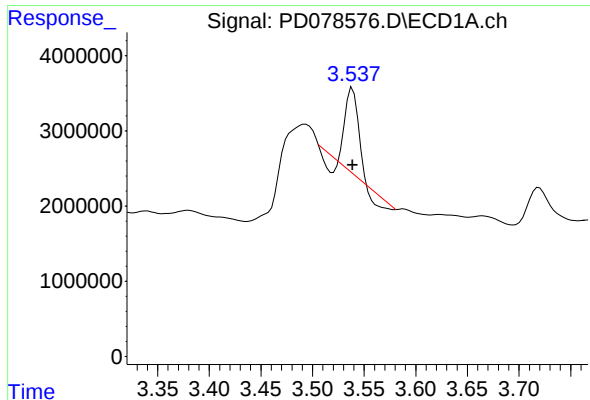
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
Data File : PD078576.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 05:36  
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Sample : 04622-02  
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ALS Vial : 49 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)

Integration File signal 1: autoint1.e  
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Quant Time: Oct 03 06:28:14 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

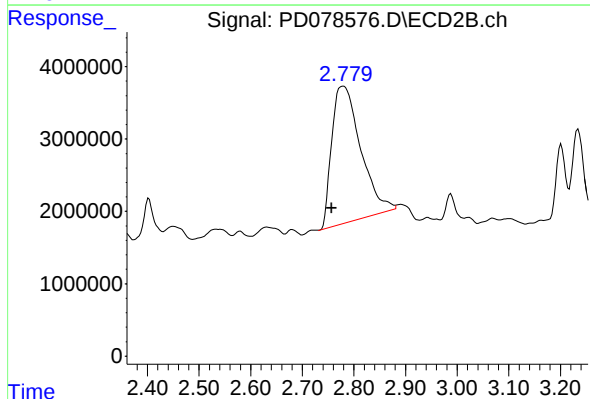




#1 Tetrachloro-m-xylene

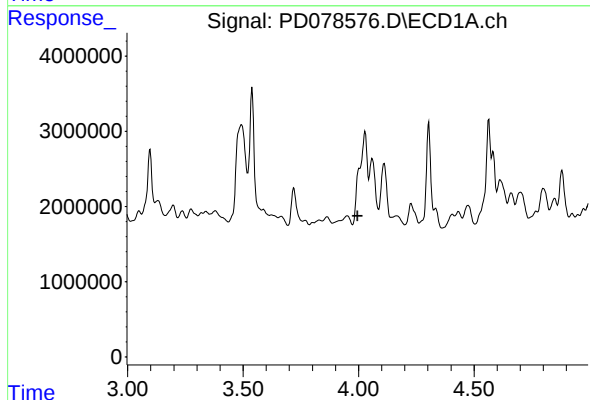
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 7783174  
Conc: 2.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



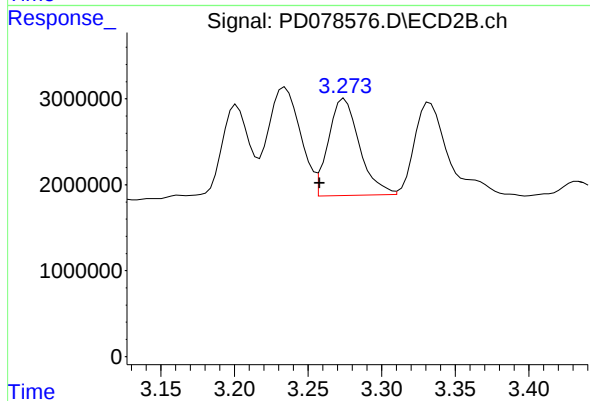
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: 0.023 min  
Response: 73578481  
Conc: 36.03 ng/ml



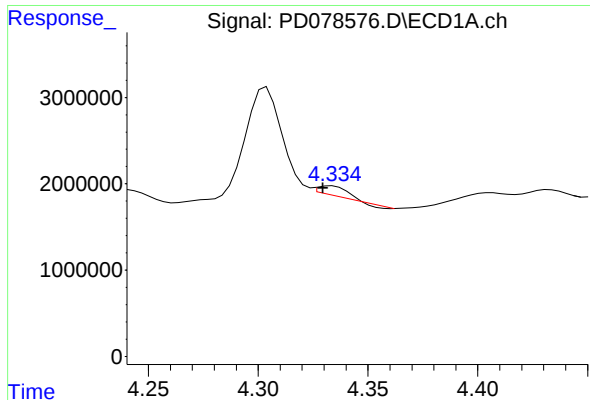
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.996 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

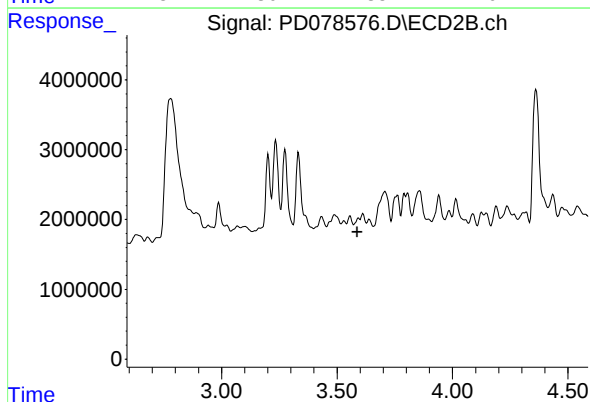
R.T.: 3.275 min  
Delta R.T.: 0.017 min  
Response: 16573943  
Conc: 5.53 ng/ml



#3 gamma-BHC (Lindane)

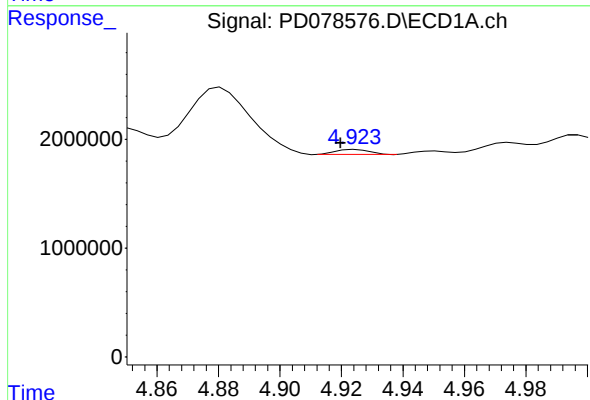
R.T.: 4.334 min  
Delta R.T.: 0.004 min  
Response: 927173  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



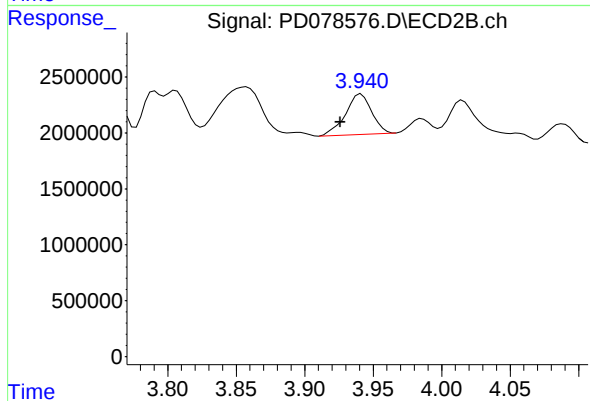
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.005 min  
Response: -617378  
Conc: N.D.



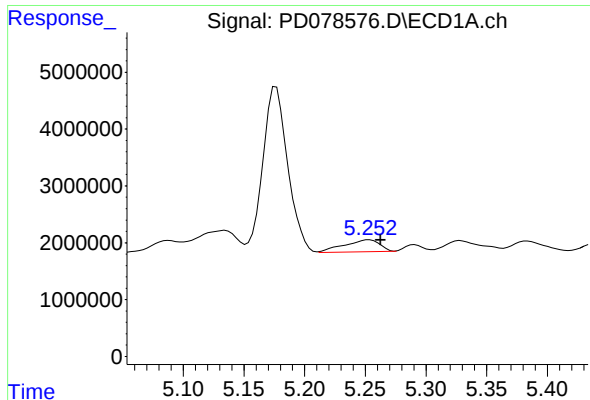
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.005 min  
Response: 351875  
Conc: 0.07 ng/ml



#4 Heptachlor

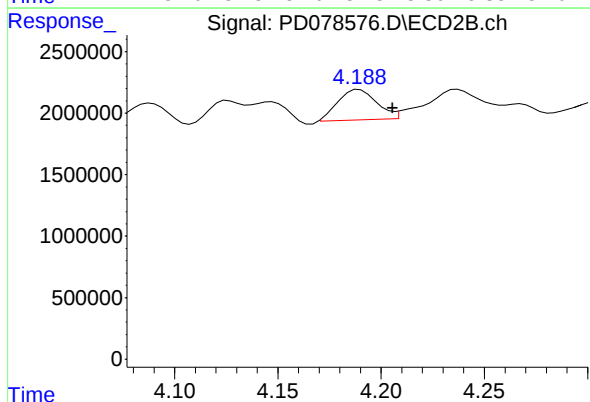
R.T.: 3.941 min  
Delta R.T.: 0.015 min  
Response: 4827315  
Conc: 1.64 ng/ml



#5 Aldrin

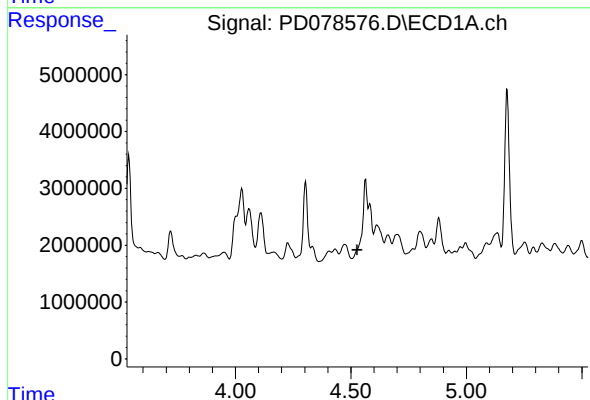
R.T.: 5.253 min  
Delta R.T.: -0.009 min  
Response: 4309969  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



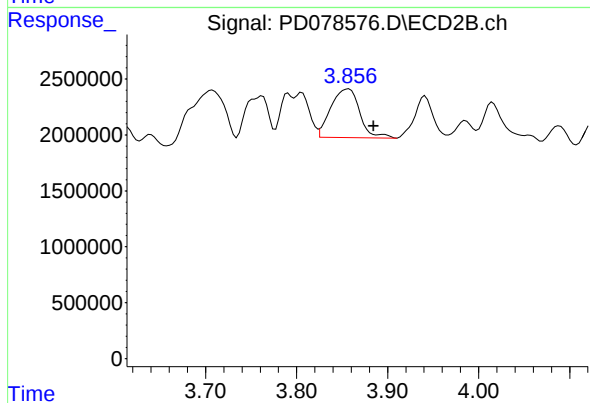
#5 Aldrin

R.T.: 4.190 min  
Delta R.T.: -0.016 min  
Response: 3221519  
Conc: 1.09 ng/ml



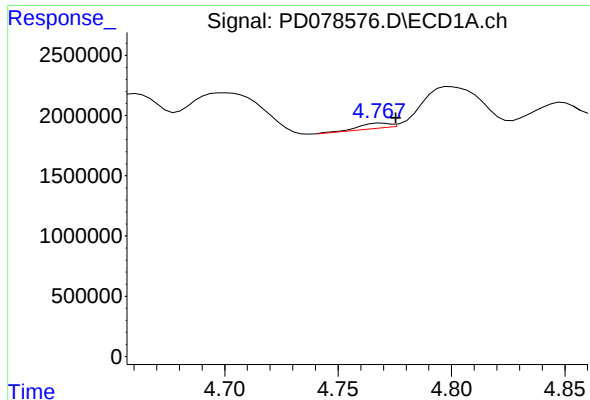
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.527 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

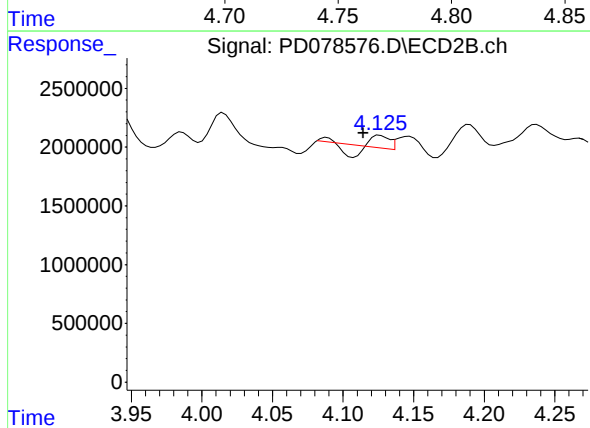
R.T.: 3.857 min  
Delta R.T.: -0.028 min  
Response: 9619001  
Conc: 8.32 ng/ml



#7 delta-BHC

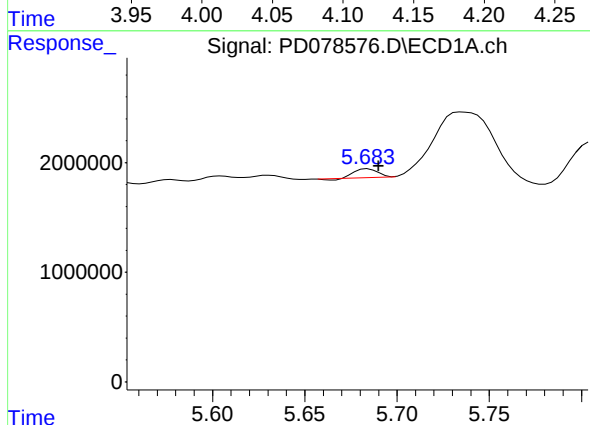
R.T.: 4.769 min  
Delta R.T.: -0.006 min  
Response: 373472  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



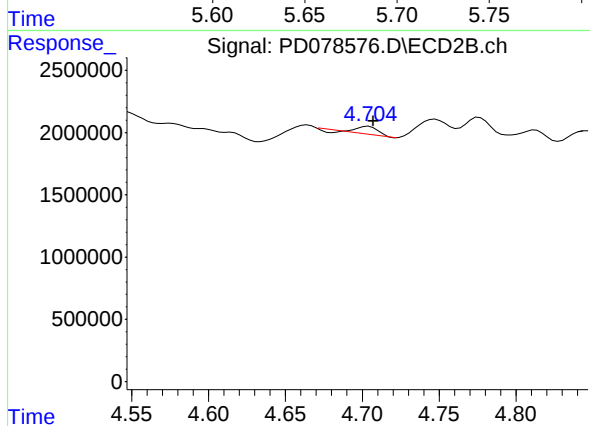
#7 delta-BHC

R.T.: 4.126 min  
Delta R.T.: 0.012 min  
Response: 210958  
Conc: 0.07 ng/ml



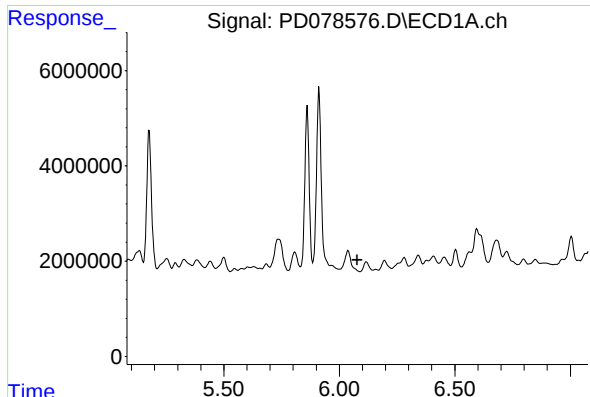
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.006 min  
Response: 656981  
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

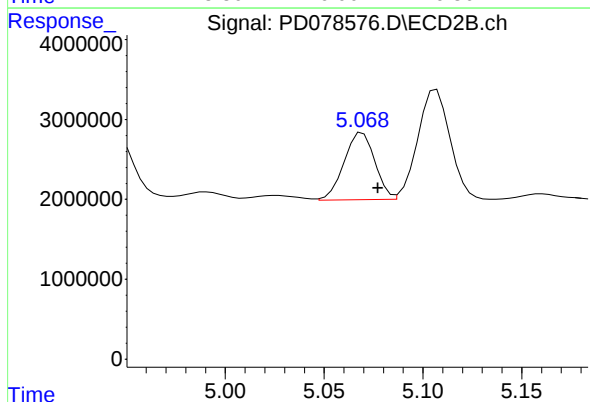
R.T.: 4.704 min  
Delta R.T.: -0.003 min  
Response: 480387  
Conc: 0.18 ng/ml



#9 Endosulfan I

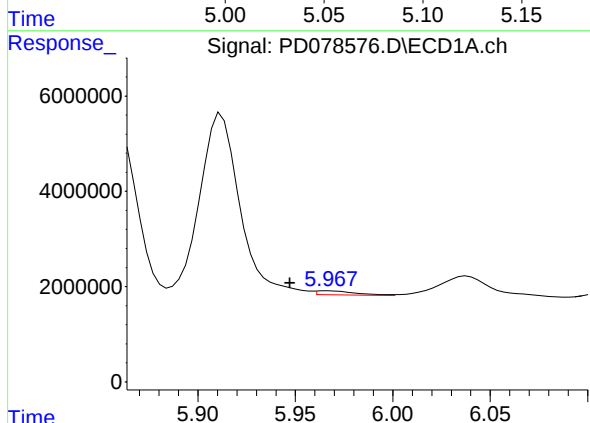
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



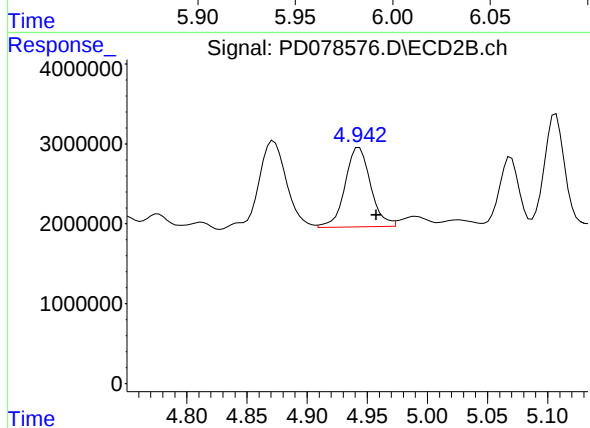
#9 Endosulfan I

R.T.: 5.069 min  
Delta R.T.: -0.008 min  
Response: 9123916  
Conc: 3.63 ng/ml



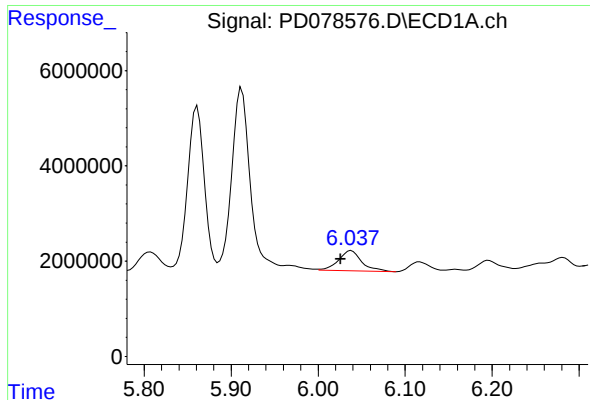
#10 gamma-Chlordane

R.T.: 5.967 min  
Delta R.T.: 0.020 min  
Response: 1183856  
Conc: 0.28 ng/ml



#10 gamma-Chlordane

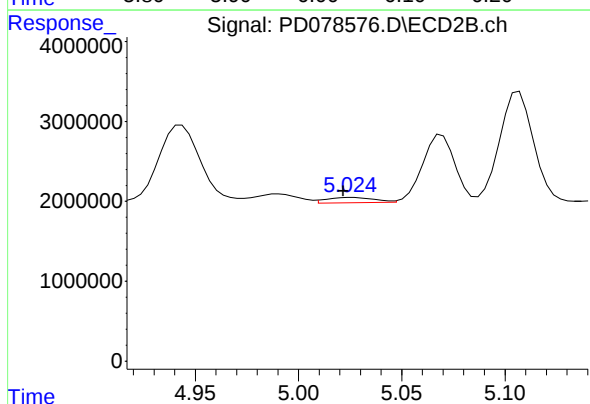
R.T.: 4.943 min  
Delta R.T.: -0.014 min  
Response: 14720406  
Conc: 5.48 ng/ml



#11 alpha-Chlordane

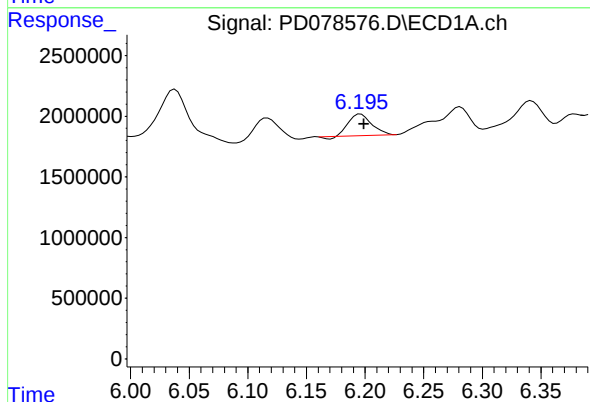
R.T.: 6.038 min  
Delta R.T.: 0.012 min  
Response: 7775668  
Conc: 1.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



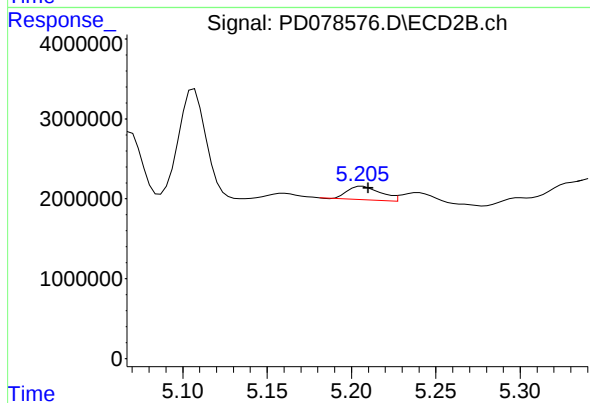
#11 alpha-Chlordane

R.T.: 5.026 min  
Delta R.T.: 0.004 min  
Response: 1061725  
Conc: 0.40 ng/ml



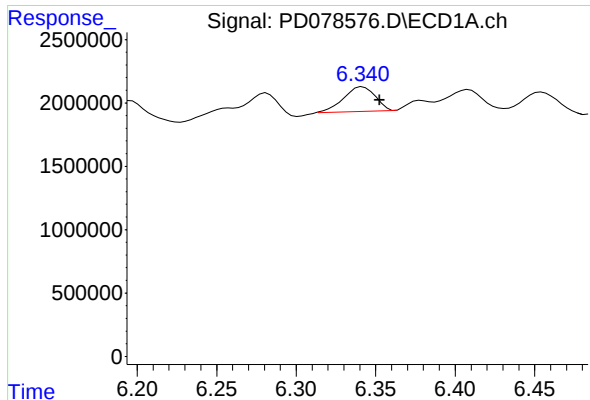
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 2385775  
Conc: 0.60 ng/ml



#12 4,4'-DDE

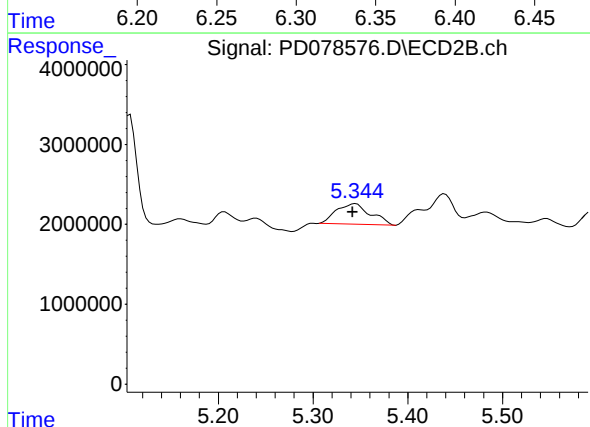
R.T.: 5.207 min  
Delta R.T.: -0.003 min  
Response: 2270423  
Conc: 0.89 ng/ml



#13 Dieldrin

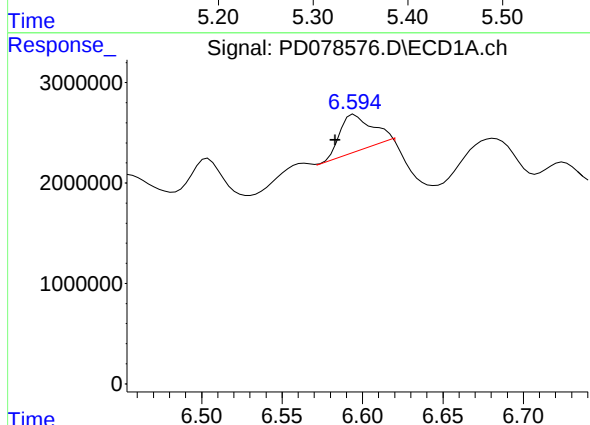
R.T.: 6.342 min  
Delta R.T.: -0.011 min  
Response: 2669249  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



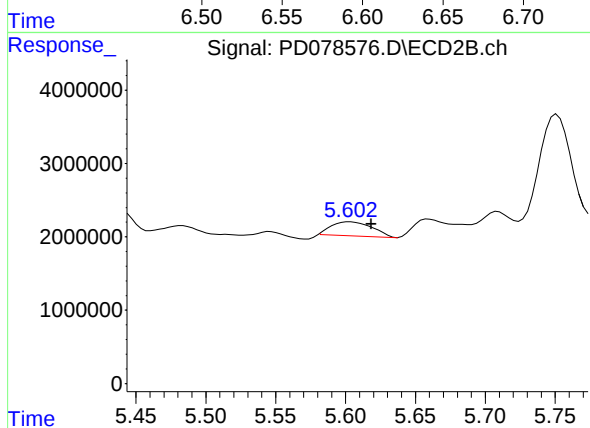
#13 Dieldrin

R.T.: 5.345 min  
Delta R.T.: 0.003 min  
Response: 6463158  
Conc: 2.32 ng/ml



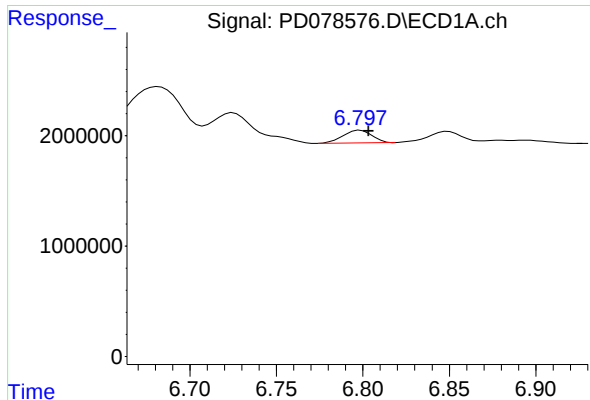
#14 Endrin

R.T.: 6.595 min  
Delta R.T.: 0.012 min  
Response: 5303675  
Conc: 1.58 ng/ml



#14 Endrin

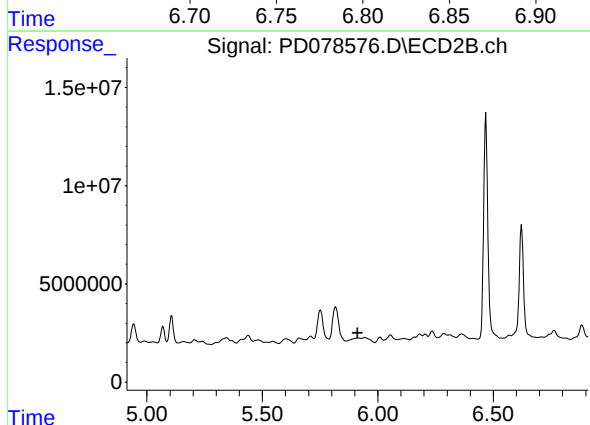
R.T.: 5.603 min  
Delta R.T.: -0.015 min  
Response: 3866900  
Conc: 1.56 ng/ml



#15 Endosulfan II

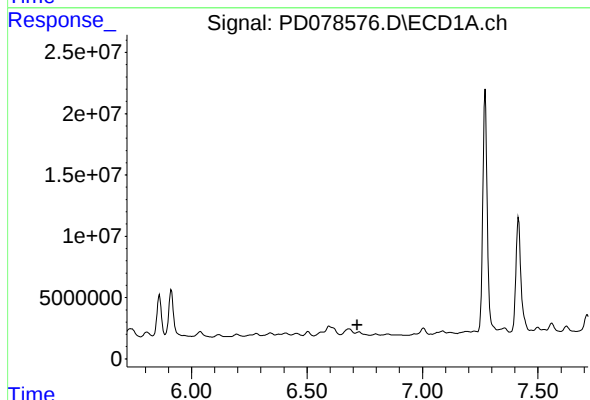
R.T.: 6.798 min  
Delta R.T.: -0.005 min  
Response: 1316355  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



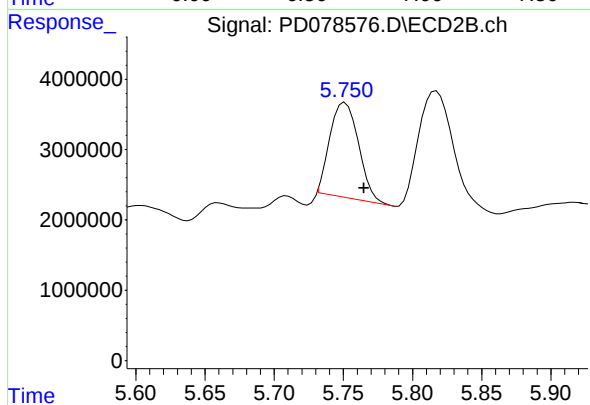
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.005 min  
Response: -4398203  
Conc: N.D.



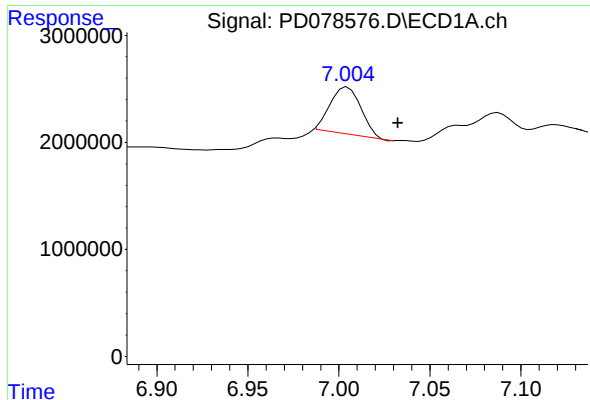
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: 0.008 min  
Response: -1625700  
Conc: N.D.



#16 4,4'-DDD

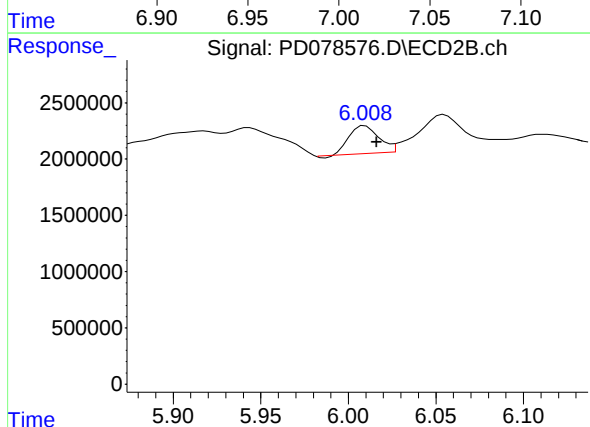
R.T.: 5.751 min  
Delta R.T.: -0.013 min  
Response: 19482922  
Conc: 9.85 ng/ml



#17 4,4'-DDT

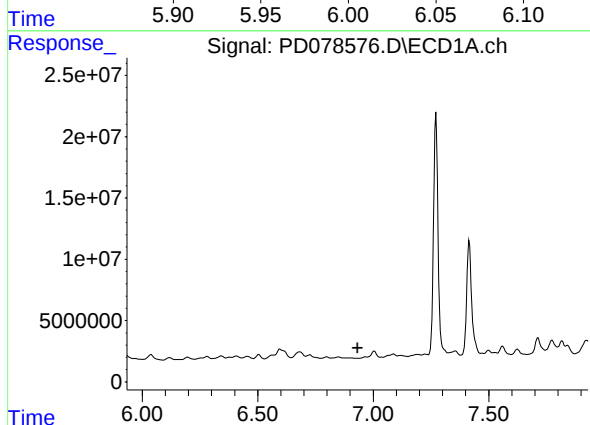
R.T.: 7.005 min  
Delta R.T.: -0.028 min  
Response: 5151568  
Conc: 1.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



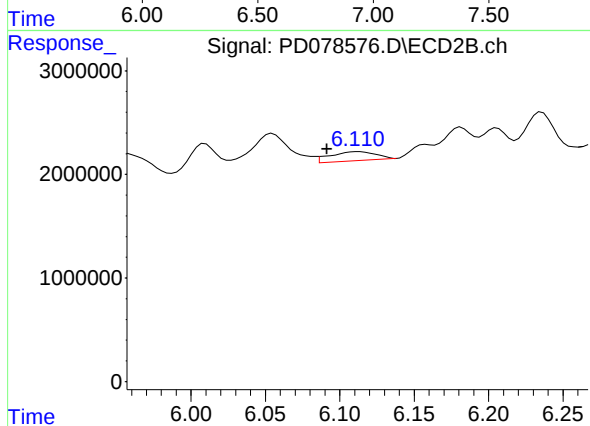
#17 4,4'-DDT

R.T.: 6.010 min  
Delta R.T.: -0.007 min  
Response: 2881805  
Conc: 1.42 ng/ml



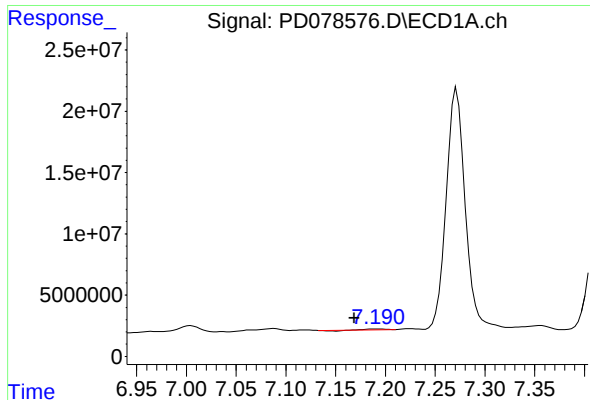
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: 0.033 min  
Response: -743584  
Conc: N.D.



#18 Endrin aldehyde

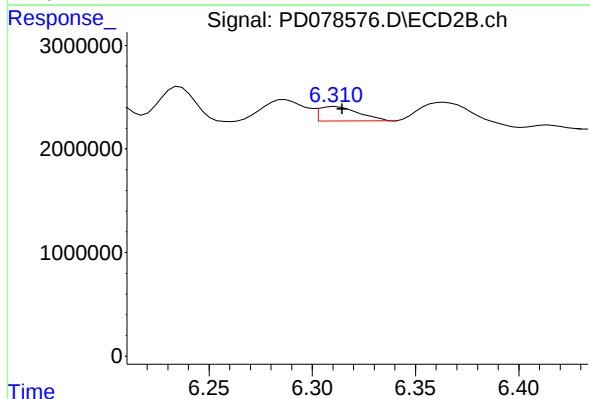
R.T.: 6.112 min  
Delta R.T.: 0.021 min  
Response: 1885978  
Conc: 1.02 ng/ml



#19 Endosulfan Sulfate

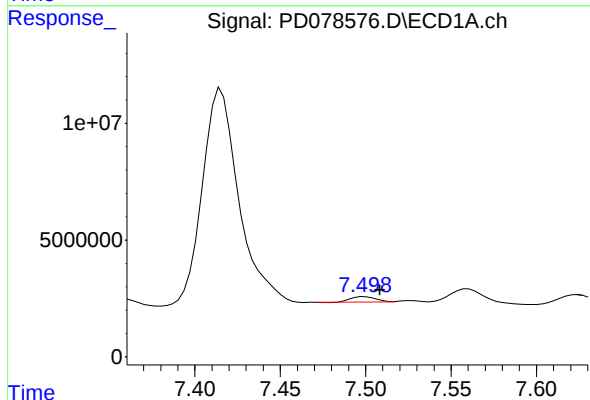
R.T.: 7.191 min  
Delta R.T.: 0.022 min  
Response: 295456  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



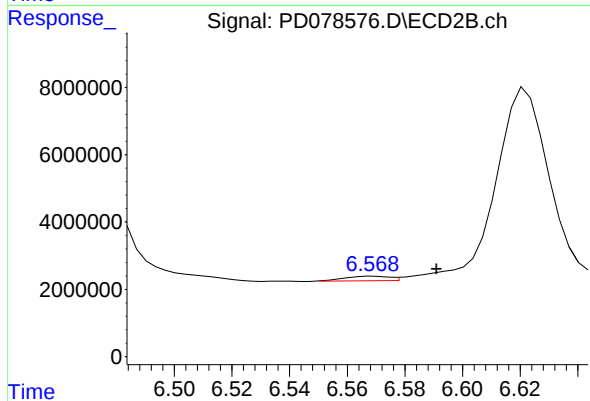
#19 Endosulfan Sulfate

R.T.: 6.311 min  
Delta R.T.: -0.003 min  
Response: 1868792  
Conc: 0.84 ng/ml



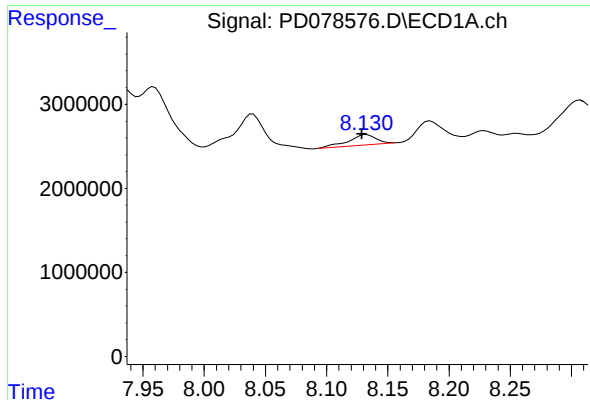
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.009 min  
Response: 2377209  
Conc: 1.42 ng/ml



#20 Methoxychlor

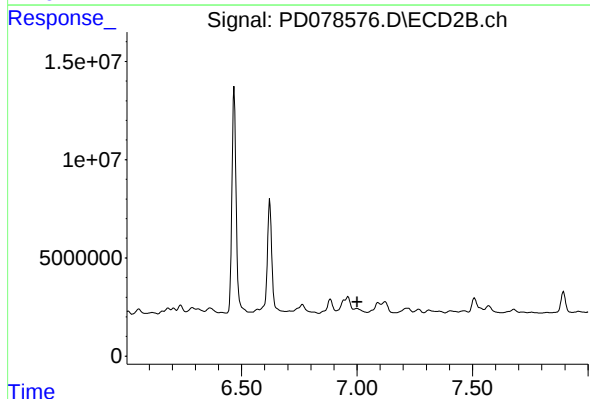
R.T.: 6.569 min  
Delta R.T.: -0.022 min  
Response: 1441702  
Conc: 1.32 ng/ml



#22 Mirex

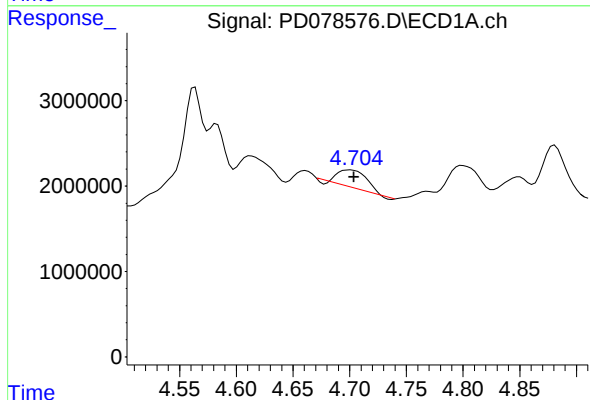
R.T.: 8.133 min  
Delta R.T.: 0.004 min  
Response: 1935485  
Conc: 0.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



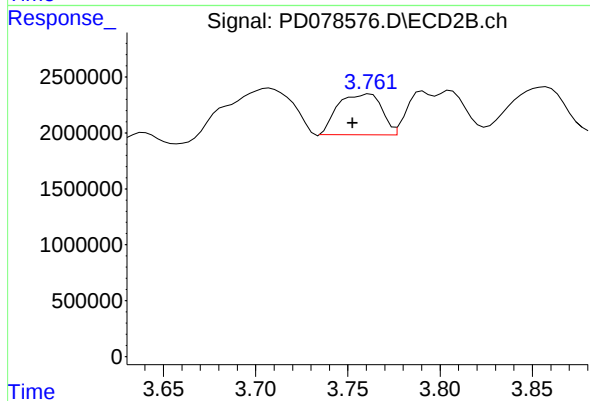
#22 Mirex

R.T.: 7.000 min  
Delta R.T.: -0.001 min  
Response: -11927669  
Conc: N.D.



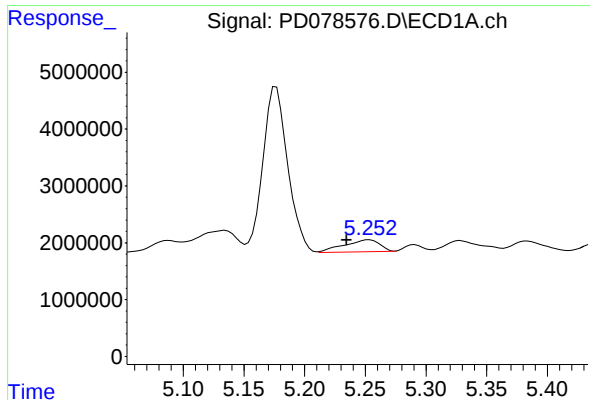
#23 Chlordane-1

R.T.: 4.701 min  
Delta R.T.: -0.003 min  
Response: 3055332  
Conc: 23.23 ng/ml



#23 Chlordane-1

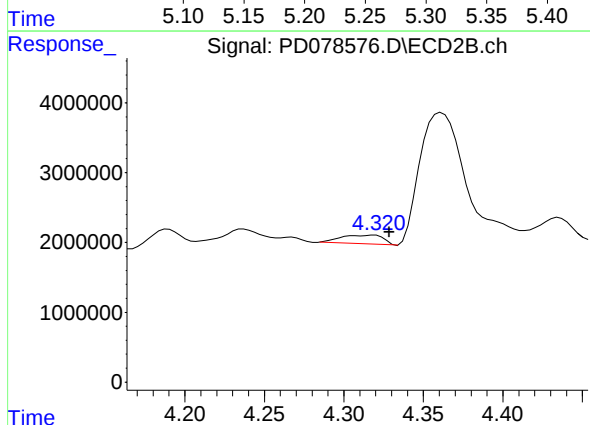
R.T.: 3.761 min  
Delta R.T.: 0.009 min  
Response: 6018084  
Conc: 82.74 ng/ml



#24 Chlordane-2

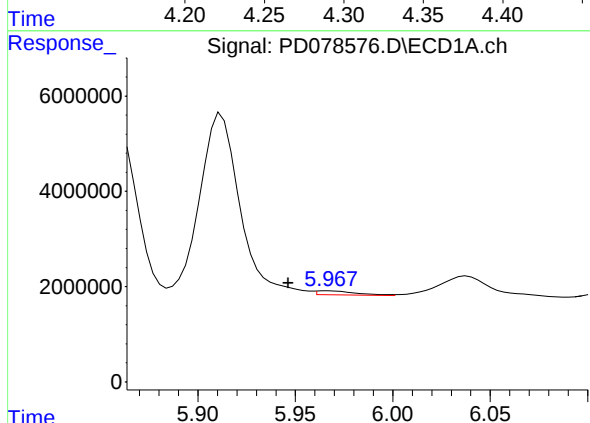
R.T.: 5.253 min  
Delta R.T.: 0.019 min  
Response: 4309969  
Conc: 30.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



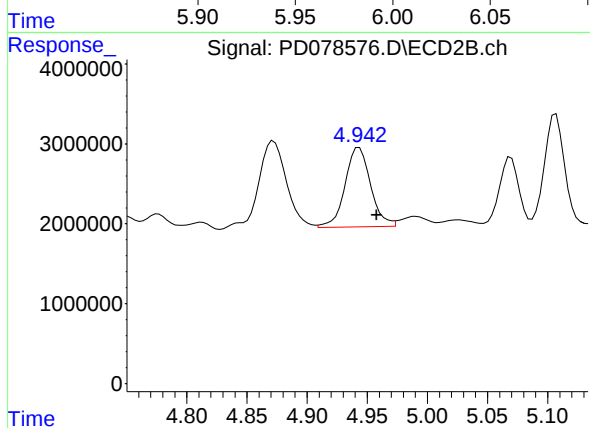
#24 Chlordane-2

R.T.: 4.319 min  
Delta R.T.: -0.010 min  
Response: 2319846  
Conc: 29.96 ng/ml



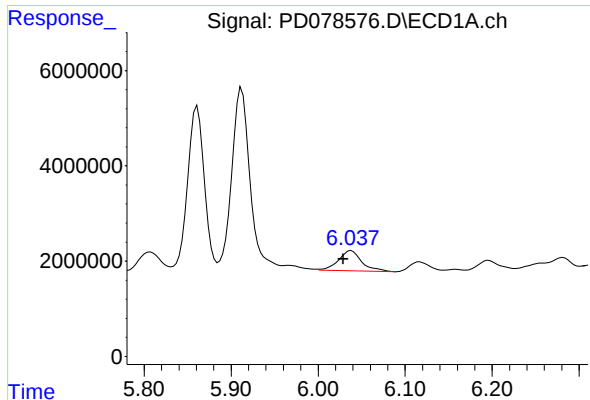
#25 Chlordane-3

R.T.: 5.967 min  
Delta R.T.: 0.021 min  
Response: 1183856  
Conc: 2.02 ng/ml



#25 Chlordane-3

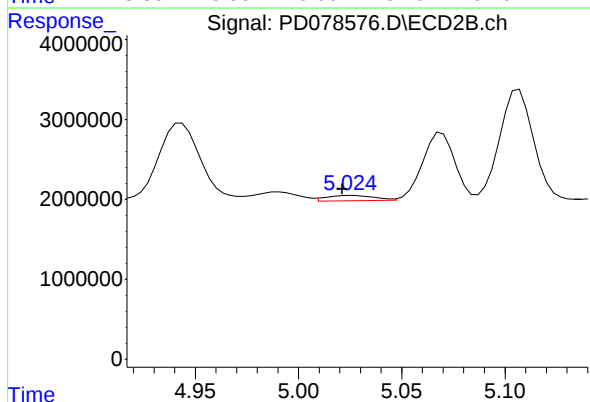
R.T.: 4.943 min  
Delta R.T.: -0.015 min  
Response: 14720406  
Conc: 57.13 ng/ml



#26 Chlordane-4

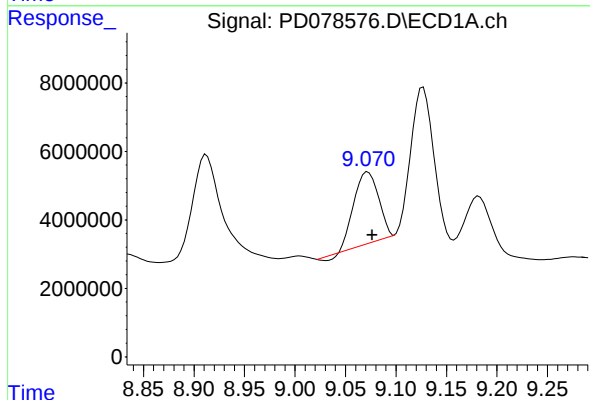
R.T.: 6.038 min  
Delta R.T.: 0.009 min  
Response: 7775668  
Conc: 10.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I-4(0-5)



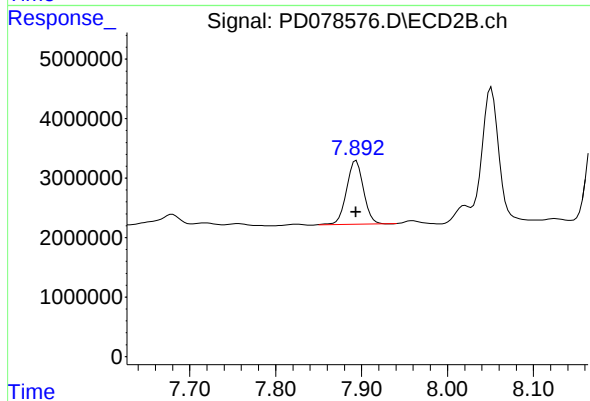
#26 Chlordane-4

R.T.: 5.026 min  
Delta R.T.: 0.004 min  
Response: 1061725  
Conc: 4.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: -0.004 min  
Response: 34591810  
Conc: 9.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 14539738  
Conc: 6.41 ng/ml