

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081123\  
 Data File : PD077117.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Aug 2023 17:11  
 Operator : AR\AJ  
 Sample : 03961-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 23:15:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 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... | 3.543  | 2.762  | 24365549 | 14859724 | 10.296  | 10.909    |
| 28)                         | SA Decachlor... | 9.086  | 7.904  | 29833611 | 15821879 | 10.887  | 11.056    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 4)                          | MA Heptachlor   | 4.923  | 3.932  | 5204185  | 4202082  | 1.443   | 2.313 #   |
| 5)                          | MB Aldrin       | 5.239f | 4.220  | 17475836 | 1176585  | 4.729   | 0.635 #   |
| 6)                          | B beta-BHC      | 4.560f | 3.874f | -1144696 | 4323806  | N.D.    | 5.668     |
| 7)                          | B delta-BHC     | 4.782  | 4.114  | 1681836  | 2701520  | 0.482   | 1.518 #   |
| 8)                          | B Heptachlo...  | 5.683  | 4.718  | 1656379  | 814205   | 0.500   | 0.487     |
| 10)                         | B gamma-Chl...  | 5.953  | 4.966  | 37639242 | 17840751 | 11.565  | 10.755    |
| 11)                         | B alpha-Chl...  | 6.034  | 5.030  | 88332780 | 36369384 | 26.938  | 21.778    |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.219  | 2648776  | 1115262  | 0.893   | 0.769     |
| 13)                         | MA Dieldrin     | 6.353  | 5.353  | 849743   | 5063682  | 0.260   | 3.006 #   |
| 14)                         | MA Endrin       | 6.586  | 5.634  | 1283085  | -5551    | 0.462   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.796  | 5.926  | 554322   | 9143833  | 0.174   | 6.203 #   |
| 16)                         | A 4,4'-DDD      | 6.733  | 0.000  | 2820146  | 0        | 1.199   | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.023  | 11125151 | 9979509  | 4.575   | 8.978 #   |
| 18)                         | B Endrin al...  | 6.961f | 6.125f | -4518430 | 2686328  | N.D.    | 2.360     |
| 19)                         | B Endosulfa...  | 7.176  | 6.320  | 1052404  | 1671964  | 0.404   | 1.254 #   |
| 20)                         | A Methoxychlor  | 7.531f | 0.000  | 162650   | 0        | 0.115   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.632f | 0.000  | 6495304  | 0        | 2.157   | N.D. #    |
| 22)                         | Mirex           | 8.137  | 0.000  | 18031    | 0        | 0.008   | N.D. #    |
| 23)                         | Chlordane-1     | 4.709  | 3.759  | 9628451  | 8335208  | 88.634  | 167.976 # |
| 24)                         | Chlordane-2     | 5.239  | 4.337  | 17475836 | 9036564  | 144.104 | 160.691   |
| 25)                         | Chlordane-3     | 5.953  | 4.966  | 37639242 | 17840751 | 79.470  | 109.334 # |
| 26)                         | Chlordane-4     | 6.034  | 5.030  | 88332780 | 36369384 | 152.711 | 225.769 # |
| 27)                         | Chlordane-5     | 6.887  | 5.926  | 11634064 | 9143833  | 125.576 | 153.048   |
| -----                       |                 |        |        |          |          |         |           |

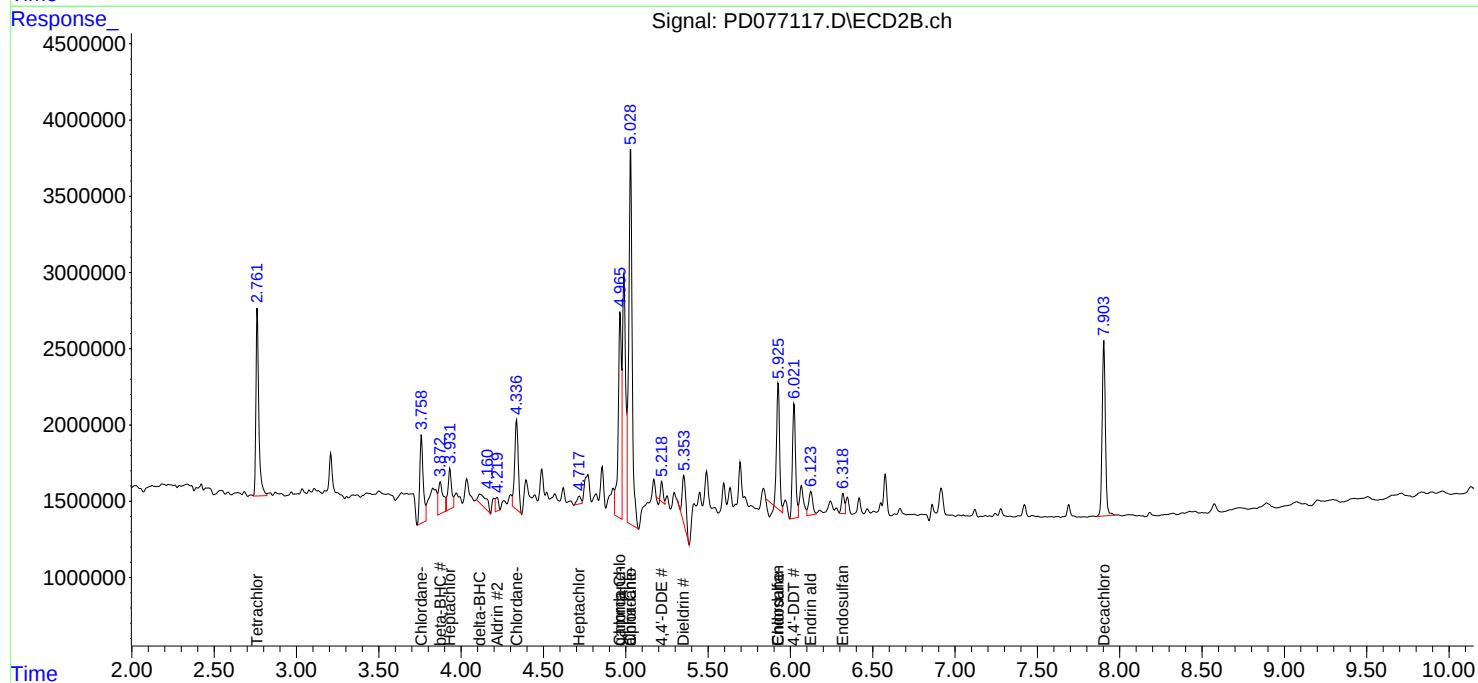
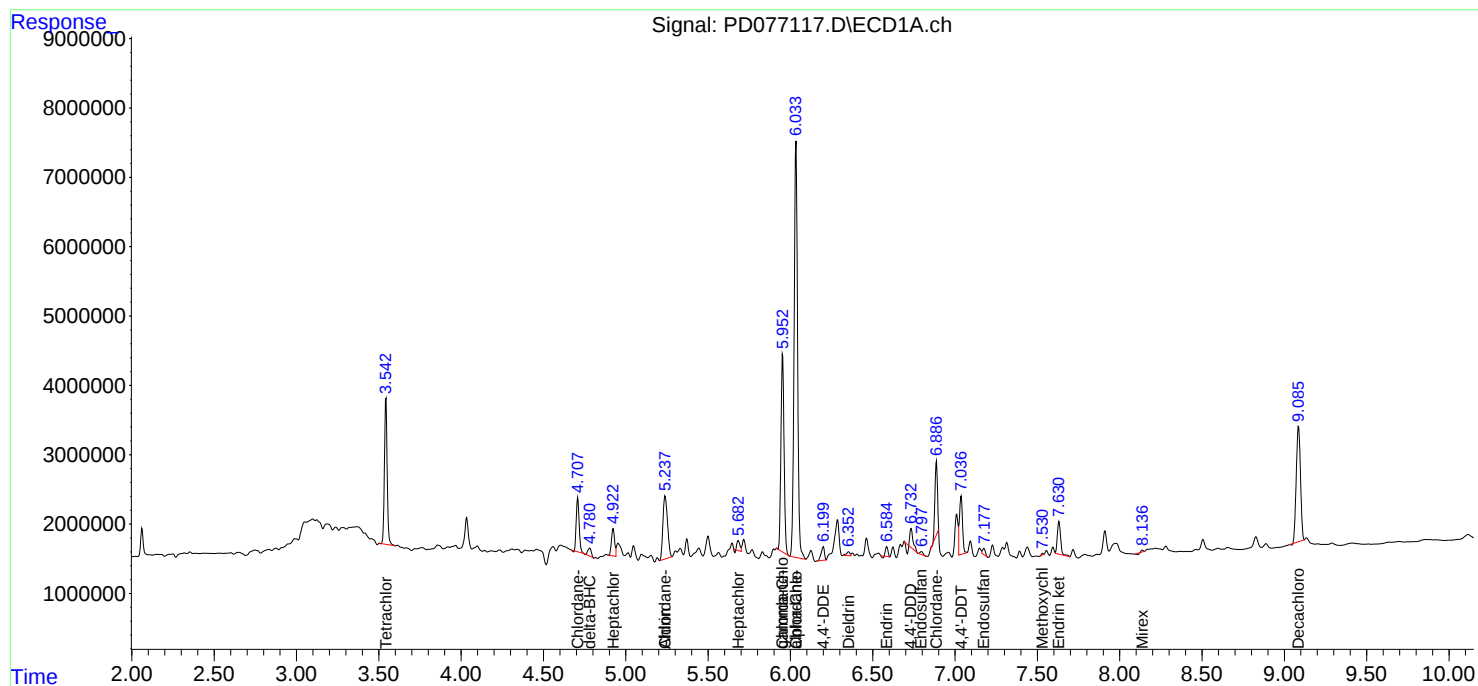
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

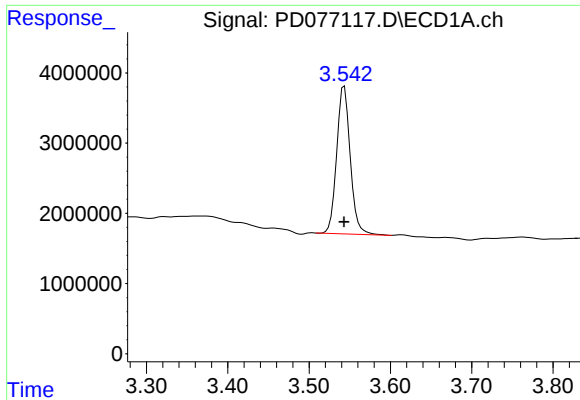
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081123\  
Data File : PD077117.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Aug 2023 17:11  
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Sample : 03961-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 23:15:03 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 14:17:41 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

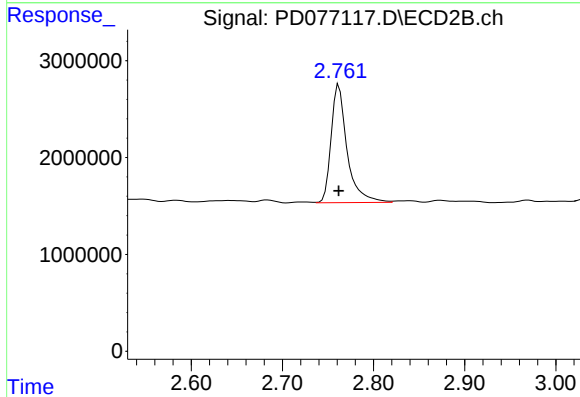




#1 Tetrachloro-m-xylene

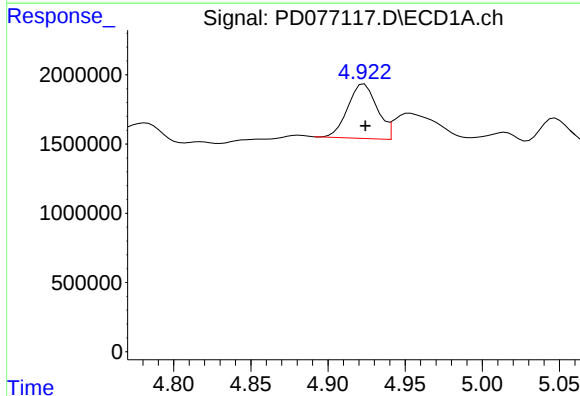
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 24365549  
Conc: 10.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



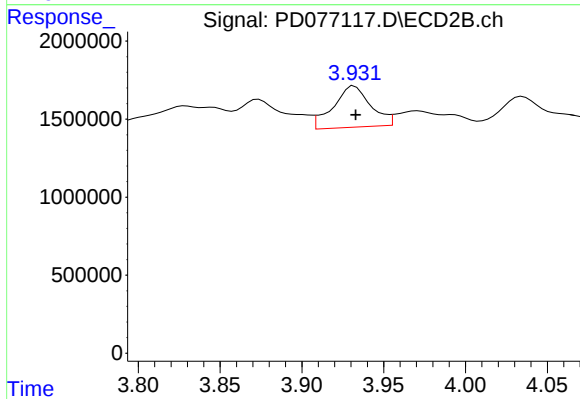
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 14859724  
Conc: 10.91 ng/ml



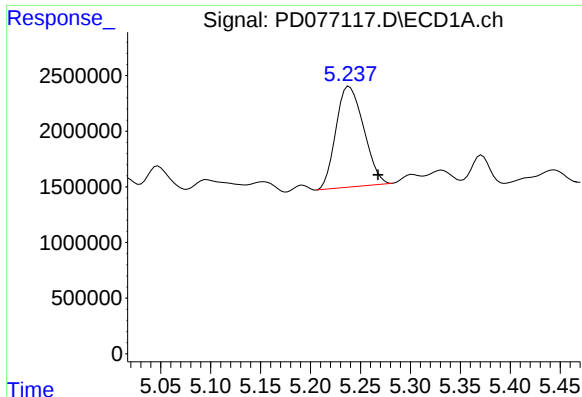
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 5204185  
Conc: 1.44 ng/ml



#4 Heptachlor

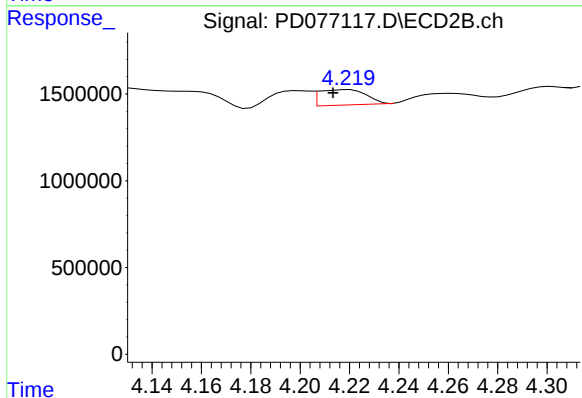
R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 4202082  
Conc: 2.31 ng/ml



#5 Aldrin

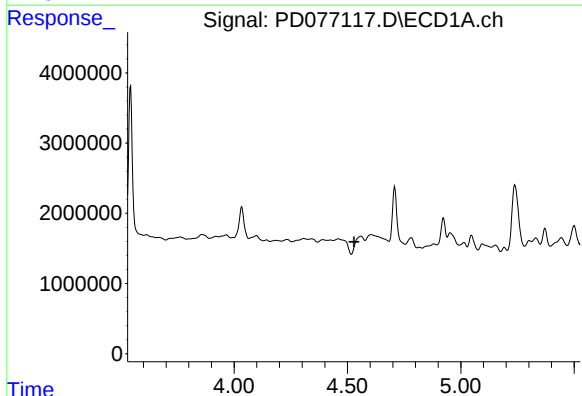
R.T.: 5.239 min  
Delta R.T.: -0.029 min  
Response: 17475836  
Conc: 4.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



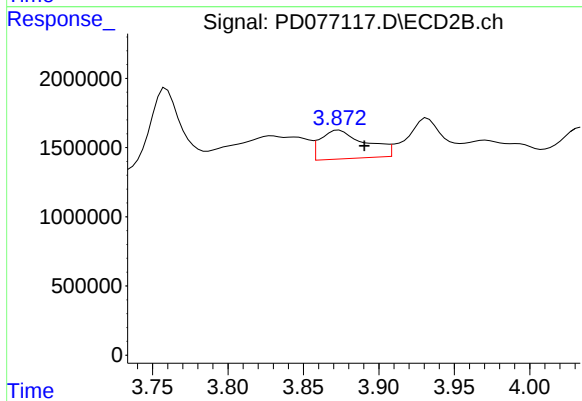
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.006 min  
Response: 1176585  
Conc: 0.64 ng/ml



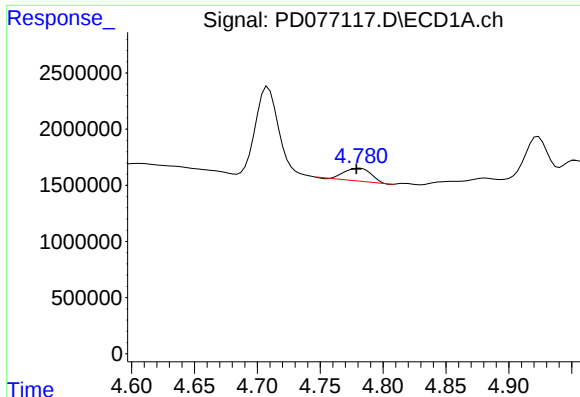
#6 beta-BHC

R.T.: 4.560 min  
Delta R.T.: 0.030 min  
Response: -1144696  
Conc: N.D.



#6 beta-BHC

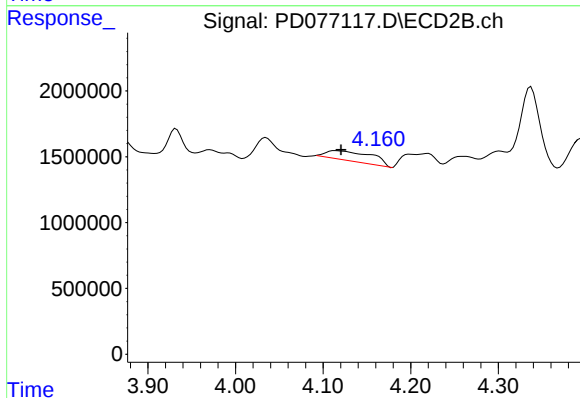
R.T.: 3.874 min  
Delta R.T.: -0.017 min  
Response: 4323806  
Conc: 5.67 ng/ml



#7 delta-BHC

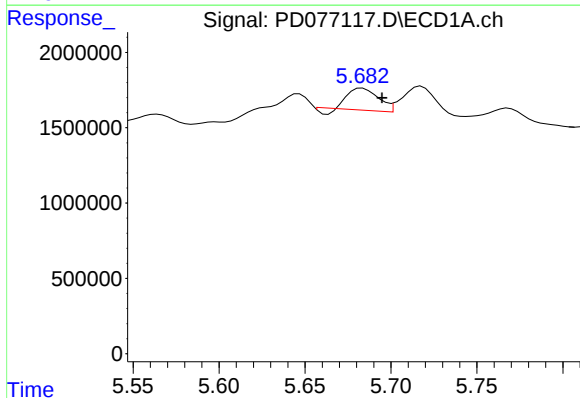
R.T.: 4.782 min  
Delta R.T.: 0.003 min  
Response: 1681836  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



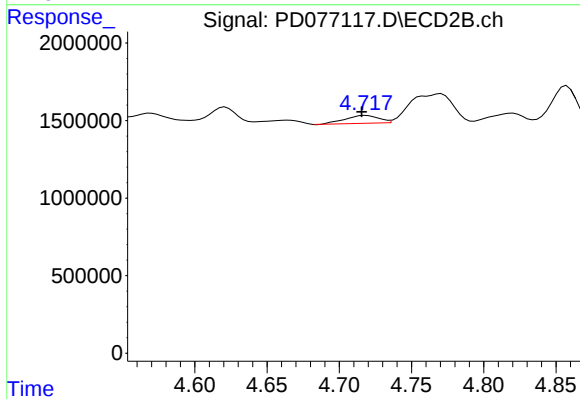
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: -0.007 min  
Response: 2701520  
Conc: 1.52 ng/ml



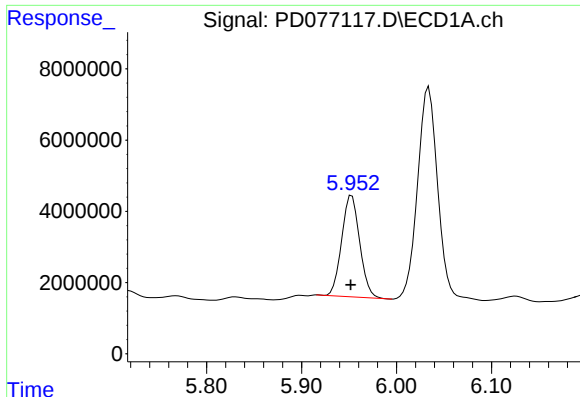
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.011 min  
Response: 1656379  
Conc: 0.50 ng/ml



#8 Heptachlor epoxide

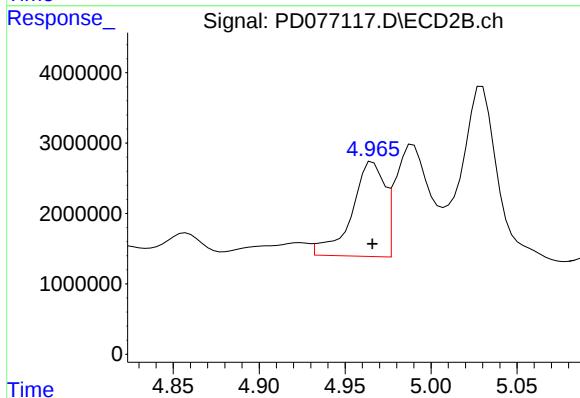
R.T.: 4.718 min  
Delta R.T.: 0.003 min  
Response: 814205  
Conc: 0.49 ng/ml



#10 gamma-Chlordane

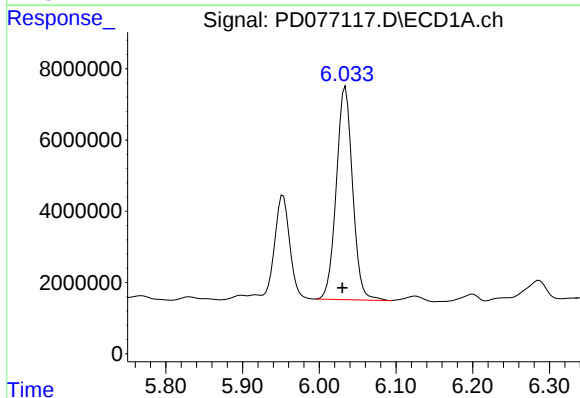
R.T.: 5.953 min  
Delta R.T.: 0.001 min  
Response: 37639242  
Conc: 11.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



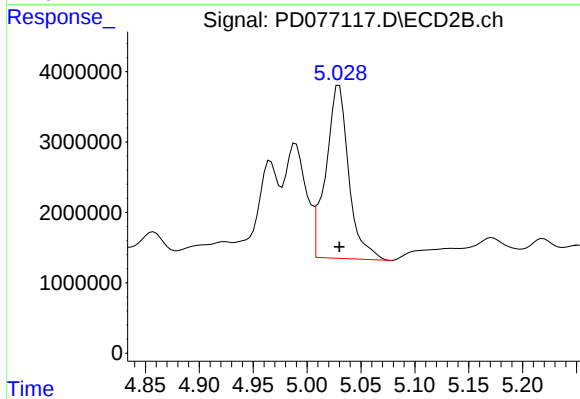
#10 gamma-Chlordane

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 17840751  
Conc: 10.76 ng/ml



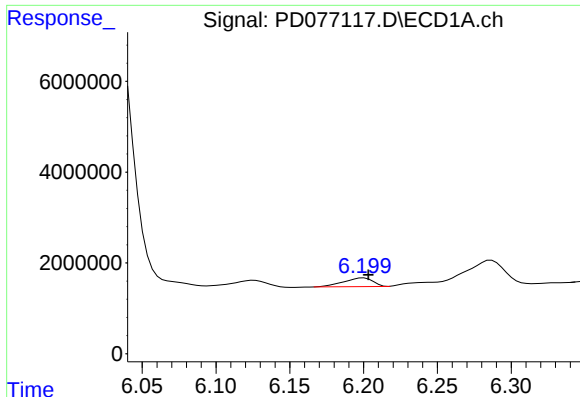
#11 alpha-Chlordane

R.T.: 6.034 min  
Delta R.T.: 0.004 min  
Response: 88332780  
Conc: 26.94 ng/ml



#11 alpha-Chlordane

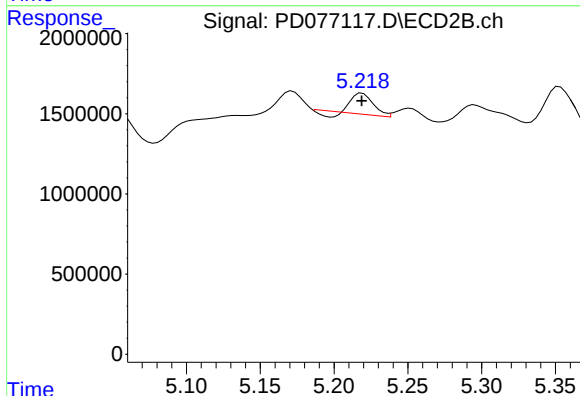
R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 36369384  
Conc: 21.78 ng/ml



#12 4,4'-DDE

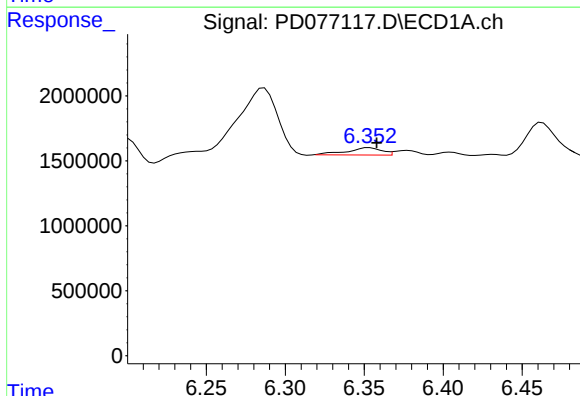
R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 2648776  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



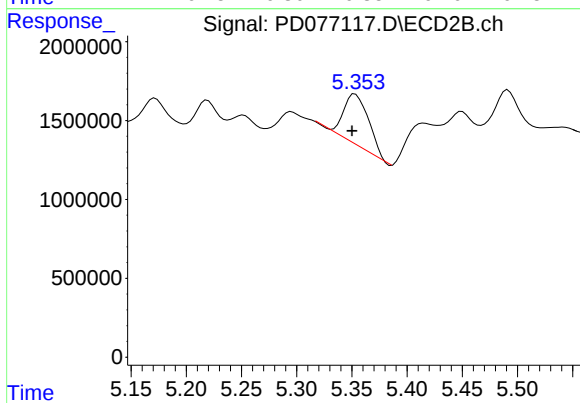
#12 4,4'-DDE

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 1115262  
Conc: 0.77 ng/ml



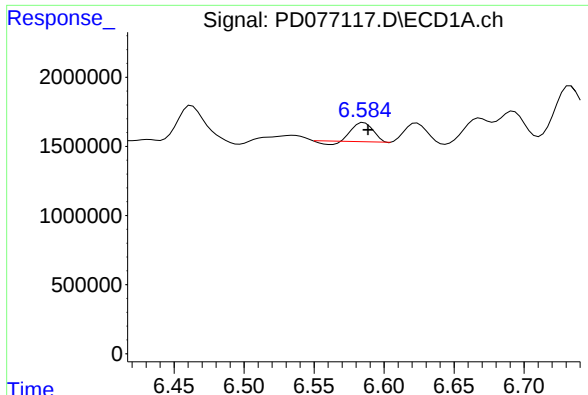
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 849743  
Conc: 0.26 ng/ml



#13 Dieldrin

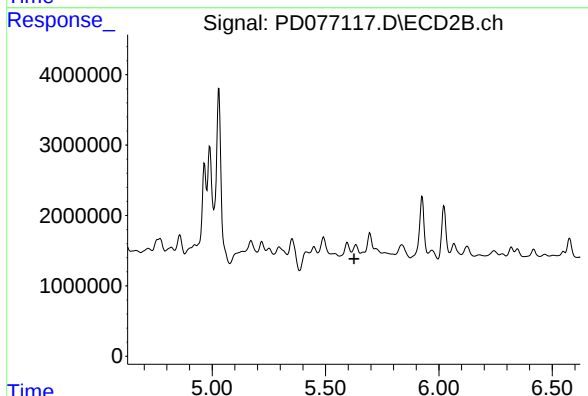
R.T.: 5.353 min  
Delta R.T.: 0.003 min  
Response: 5063682  
Conc: 3.01 ng/ml



#14 Endrin

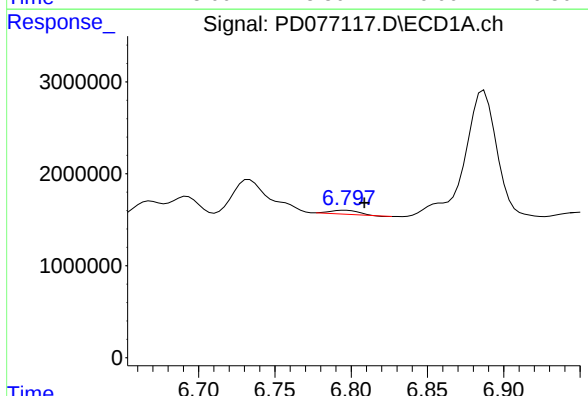
R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 1283085  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



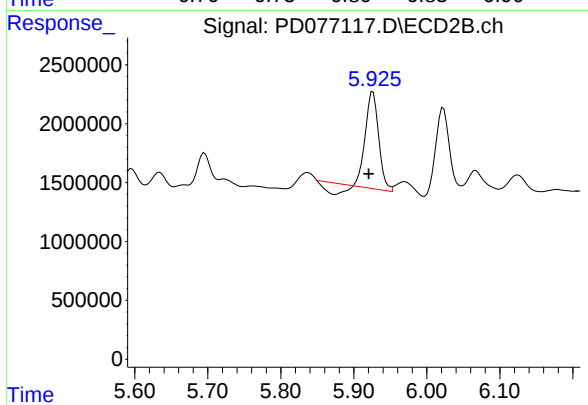
#14 Endrin

R.T.: 5.634 min  
Delta R.T.: 0.008 min  
Response: -5551  
Conc: N.D.



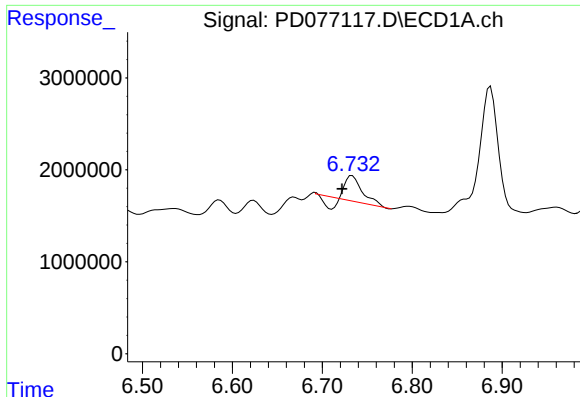
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: -0.012 min  
Response: 554322  
Conc: 0.17 ng/ml



#15 Endosulfan II

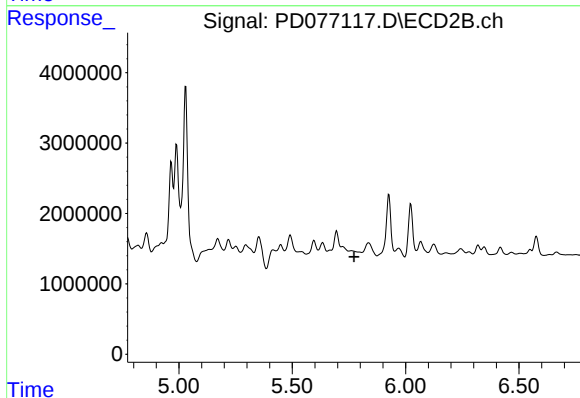
R.T.: 5.926 min  
Delta R.T.: 0.006 min  
Response: 9143833  
Conc: 6.20 ng/ml



#16 4,4'-DDD

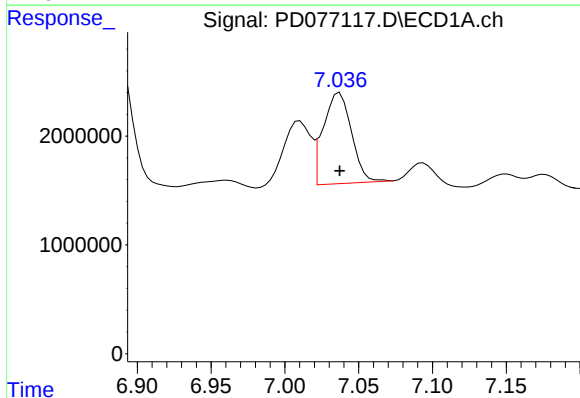
R.T.: 6.733 min  
Delta R.T.: 0.011 min  
Response: 2820146  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



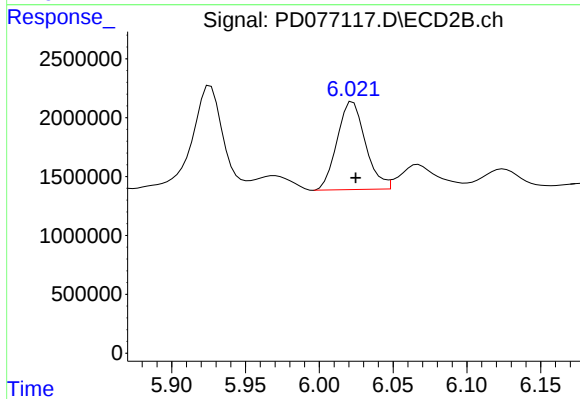
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.773 min  
Response: 0  
Conc: N.D.



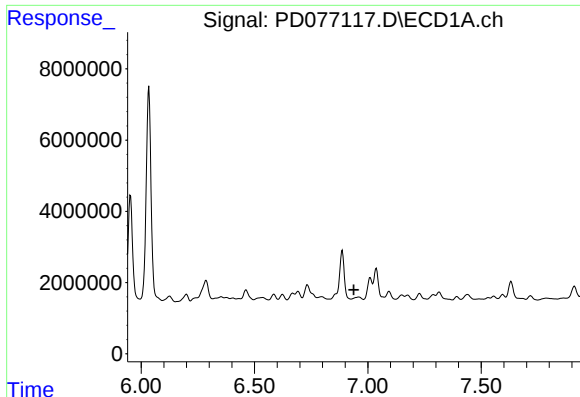
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 11125151  
Conc: 4.58 ng/ml



#17 4,4'-DDT

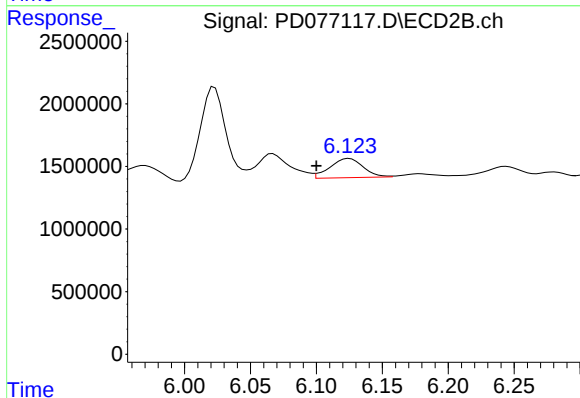
R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 9979509  
Conc: 8.98 ng/ml



#18 Endrin aldehyde

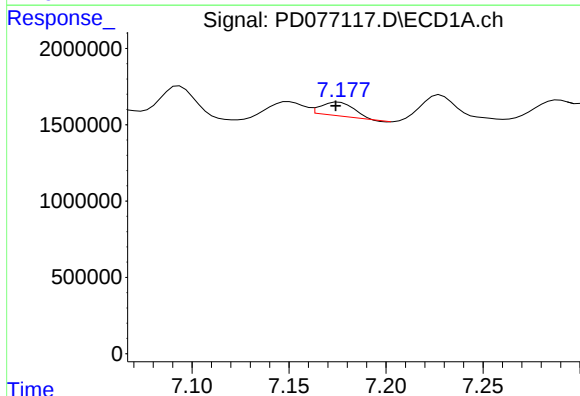
R.T.: 6.961 min  
Delta R.T.: 0.022 min  
Response: -4518430  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



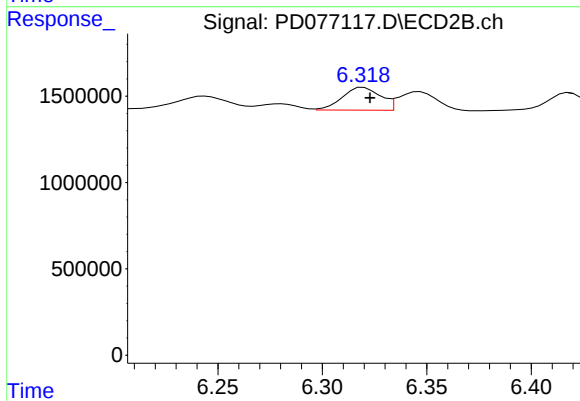
#18 Endrin aldehyde

R.T.: 6.125 min  
Delta R.T.: 0.025 min  
Response: 2686328  
Conc: 2.36 ng/ml



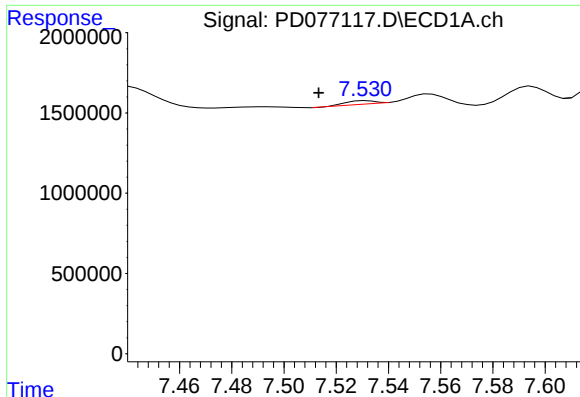
#19 Endosulfan Sulfate

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 1052404  
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

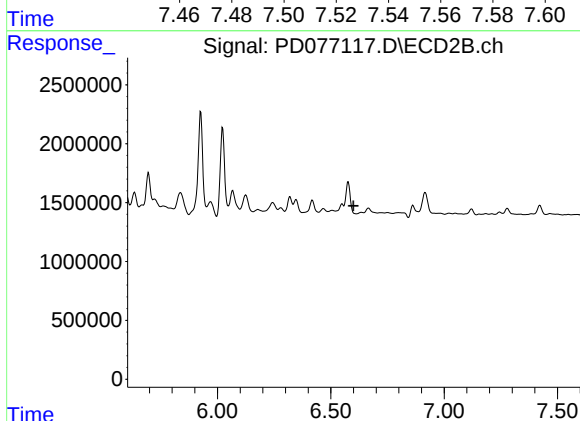
R.T.: 6.320 min  
Delta R.T.: -0.003 min  
Response: 1671964  
Conc: 1.25 ng/ml



#20 Methoxychlor

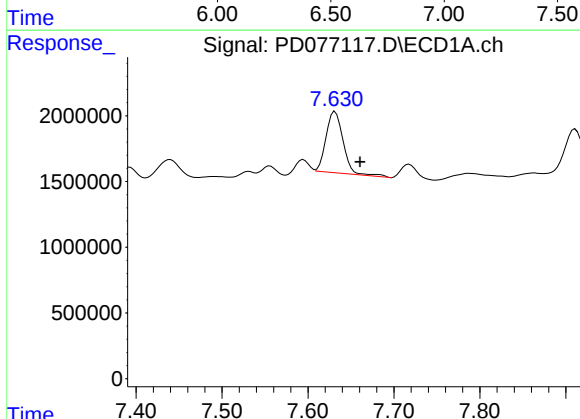
R.T.: 7.531 min  
Delta R.T.: 0.018 min  
Response: 162650  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



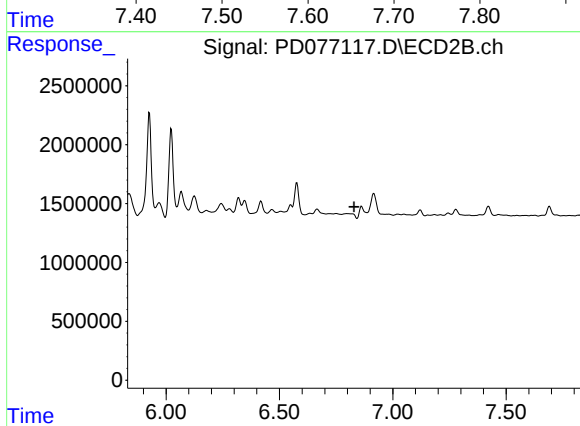
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.600 min  
Response: 0  
Conc: N.D.



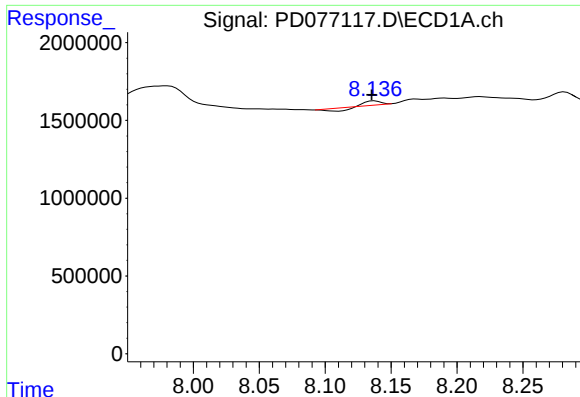
#21 Endrin ketone

R.T.: 7.632 min  
Delta R.T.: -0.029 min  
Response: 6495304  
Conc: 2.16 ng/ml



#21 Endrin ketone

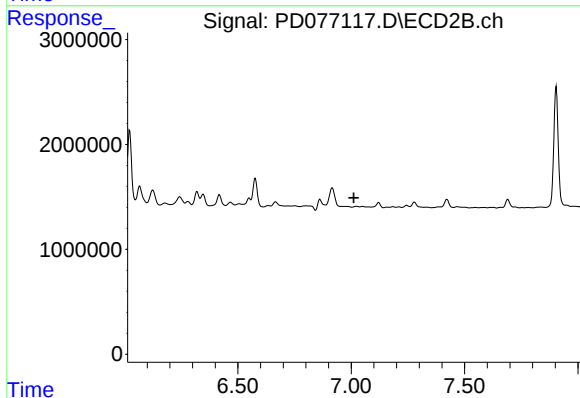
R.T.: 0.000 min  
Exp R.T. : 6.830 min  
Response: 0  
Conc: N.D.



#22 Mirex

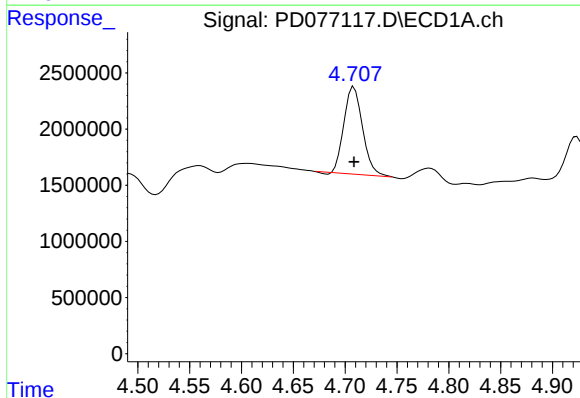
R.T.: 8.137 min  
Delta R.T.: 0.002 min  
Response: 18031  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



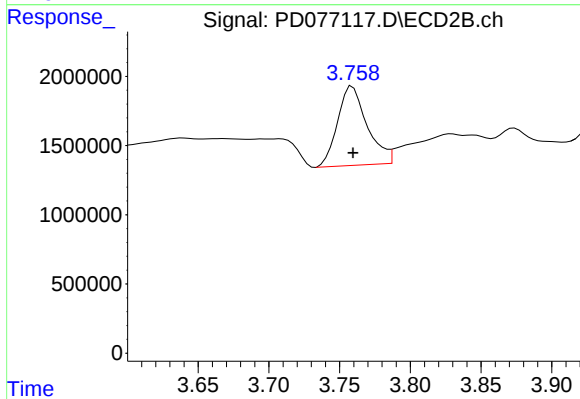
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.011 min  
Response: 0  
Conc: N.D.



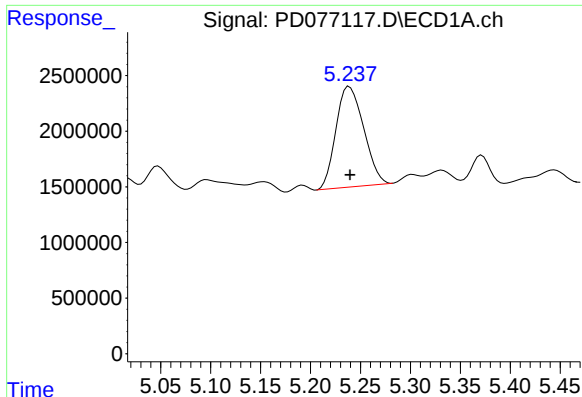
#23 Chlordane-1

R.T.: 4.709 min  
Delta R.T.: 0.000 min  
Response: 9628451  
Conc: 88.63 ng/ml



#23 Chlordane-1

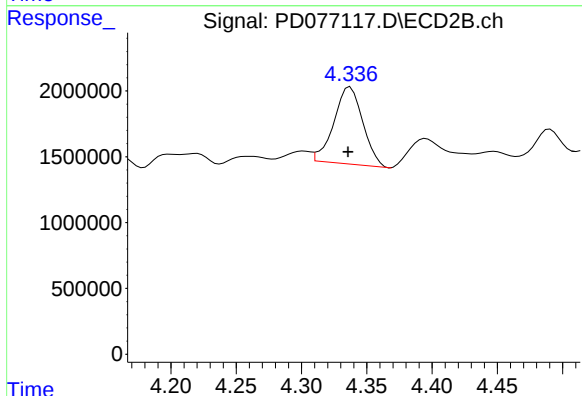
R.T.: 3.759 min  
Delta R.T.: 0.000 min  
Response: 8335208  
Conc: 167.98 ng/ml



#24 Chlordane-2

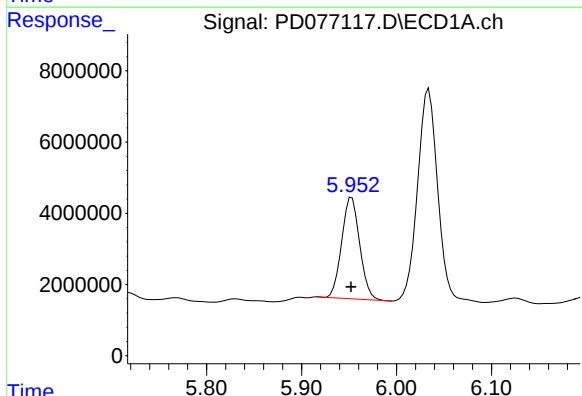
R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 17475836  
Conc: 144.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



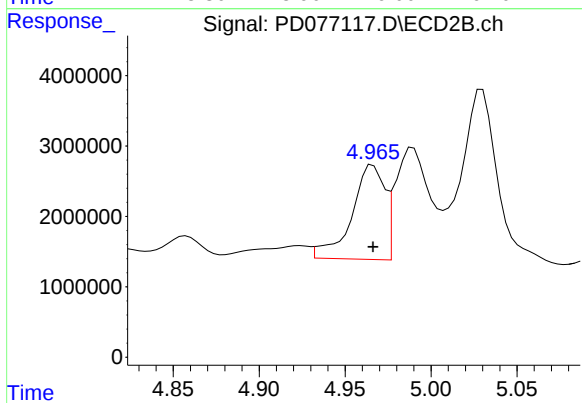
#24 Chlordane-2

R.T.: 4.337 min  
Delta R.T.: 0.002 min  
Response: 9036564  
Conc: 160.69 ng/ml



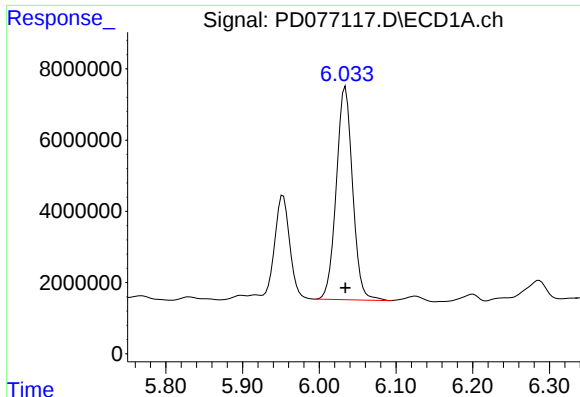
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 37639242  
Conc: 79.47 ng/ml



#25 Chlordane-3

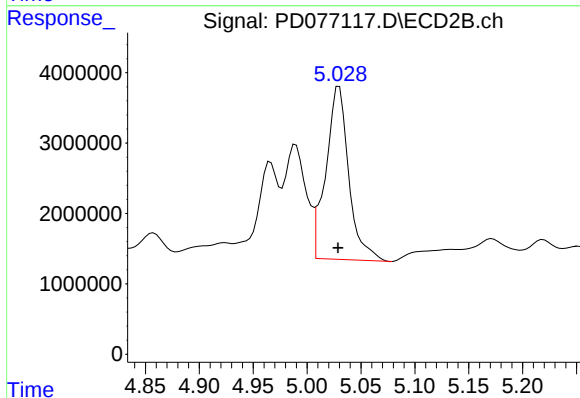
R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 17840751  
Conc: 109.33 ng/ml



#26 Chlordane-4

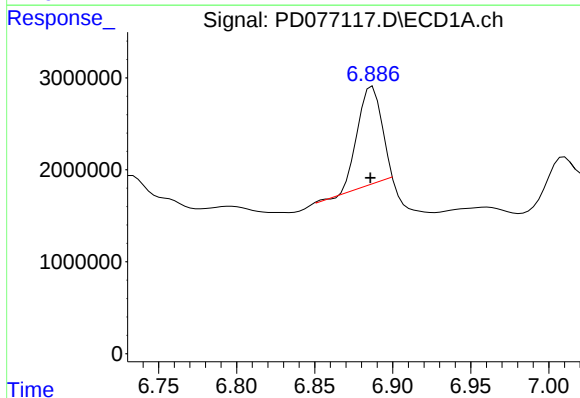
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 88332780  
Conc: 152.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



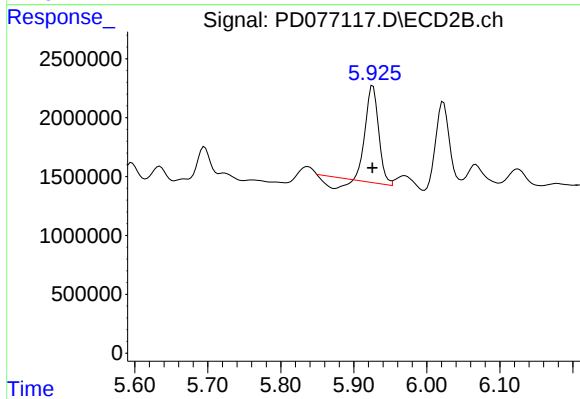
#26 Chlordane-4

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 36369384  
Conc: 225.77 ng/ml



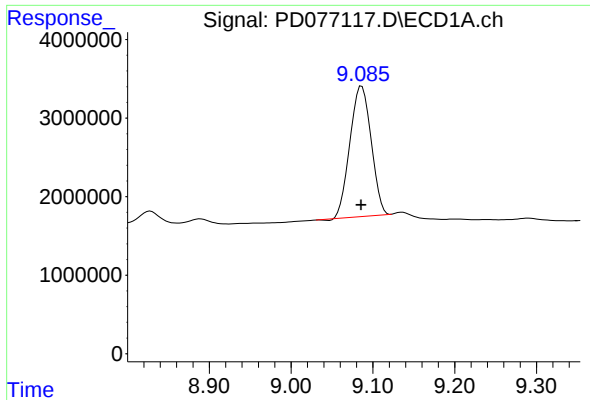
#27 Chlordane-5

R.T.: 6.887 min  
Delta R.T.: 0.001 min  
Response: 11634064  
Conc: 125.58 ng/ml



#27 Chlordane-5

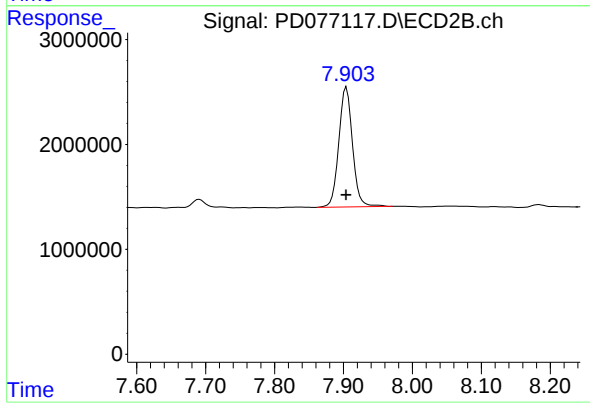
R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 9143833  
Conc: 153.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.000 min  
Response: 29833611  
Conc: 10.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 15821879  
Conc: 11.06 ng/ml