

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080725\  
 Data File : PD089771.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2025 16:17  
 Operator : AR\AJ  
 Sample : PB169093BS  
 Misc : CHLOR / BS  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 03:07:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 2025  
 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... | 3.547  | 2.877  | 43173823 | 407.0E6   | 17.503  | 25.701 #  |
| 28)                         | SA Decachlor... | 9.064  | 8.064  | 72230890 | 446.1E6   | 19.436  | 22.217    |
| Target Compounds            |                 |        |        |          |           |         |           |
| 2)                          | A alpha-BHC     | 3.991  | 3.383  | 310051   | 2764548   | 0.063   | 0.114 #   |
| 3)                          | MA gamma-BHC... | 4.353f | 3.716  | 1652587  | -792621   | 0.348   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.924  | 4.078  | 51928124 | 280.2E6   | 10.792  | 12.072    |
| 5)                          | MB Aldrin       | 5.237f | 4.377  | 36013808 | 20064017  | 7.889   | 0.902 #   |
| 7)                          | B delta-BHC     | 4.775  | 4.259  | 4902782  | 25262055  | 1.069   | 1.112     |
| 8)                          | B Heptachlo...  | 5.667f | 0.000  | 18601376 | 0         | 4.449   | N.D. #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.225f | 0        | 49776206  | N.D.    | 2.546 #   |
| 10)                         | B gamma-Chl...  | 5.941  | 5.120  | 133.2E6  | 574.7E6   | 31.883  | 26.543    |
| 11)                         | B alpha-Chl...  | 6.027  | 5.184  | 165.7E6  | 498.7E6   | 39.421  | 23.952 #  |
| 12)                         | B 4,4'-DDE      | 6.178f | 5.364  | 886762   | 11654742  | 0.238   | 0.551 #   |
| 13)                         | MA Dieldrin     | 6.348  | 5.488f | 7921113  | 20072245  | 1.876   | 0.928 #   |
| 14)                         | MA Endrin       | 6.593f | 5.785  | 949322   | 51620557  | 0.265   | 2.591 #   |
| 15)                         | B Endosulfa...  | 6.782  | 6.084  | 2757506  | 226.9E6   | 0.751   | 12.067 #  |
| 16)                         | A 4,4'-DDD      | 6.722f | 5.915  | 6721382  | -13300421 | 2.244   | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.178  | 0        | 3612960   | N.D.    | 0.197 #   |
| 18)                         | B Endrin al...  | 6.921  | 6.260  | 1943933  | 2371298   | 0.779   | 0.184 #   |
| 19)                         | B Endosulfa...  | 7.145  | 6.481  | 338383   | 7488005   | 0.098   | 0.403 #   |
| 20)                         | A Methoxychlor  | 7.481  | 6.753  | 371867   | 2067298   | 0.208   | 0.211     |
| 22)                         | Mirex           | 8.112  | 7.193  | 121772   | 468246    | 0.044   | 0.031 #   |
| 23)                         | Chlordane-1     | 4.710  | 3.900  | 33393487 | 184.7E6   | 200.493 | 252.464 # |
| 24)                         | Chlordane-2     | 5.237  | 4.482  | 36013808 | 196.1E6   | 211.943 | 256.509   |
| 25)                         | Chlordane-3     | 5.941  | 5.120  | 133.2E6  | 574.7E6   | 194.279 | 248.344 # |
| 26)                         | Chlordane-4     | 6.027  | 5.184  | 165.7E6  | 498.7E6   | 197.978 | 250.679 # |
| 27)                         | Chlordane-5     | 6.866  | 6.084  | 27819573 | 226.9E6   | 192.844 | 250.743 # |
| -----                       |                 |        |        |          |           |         |           |

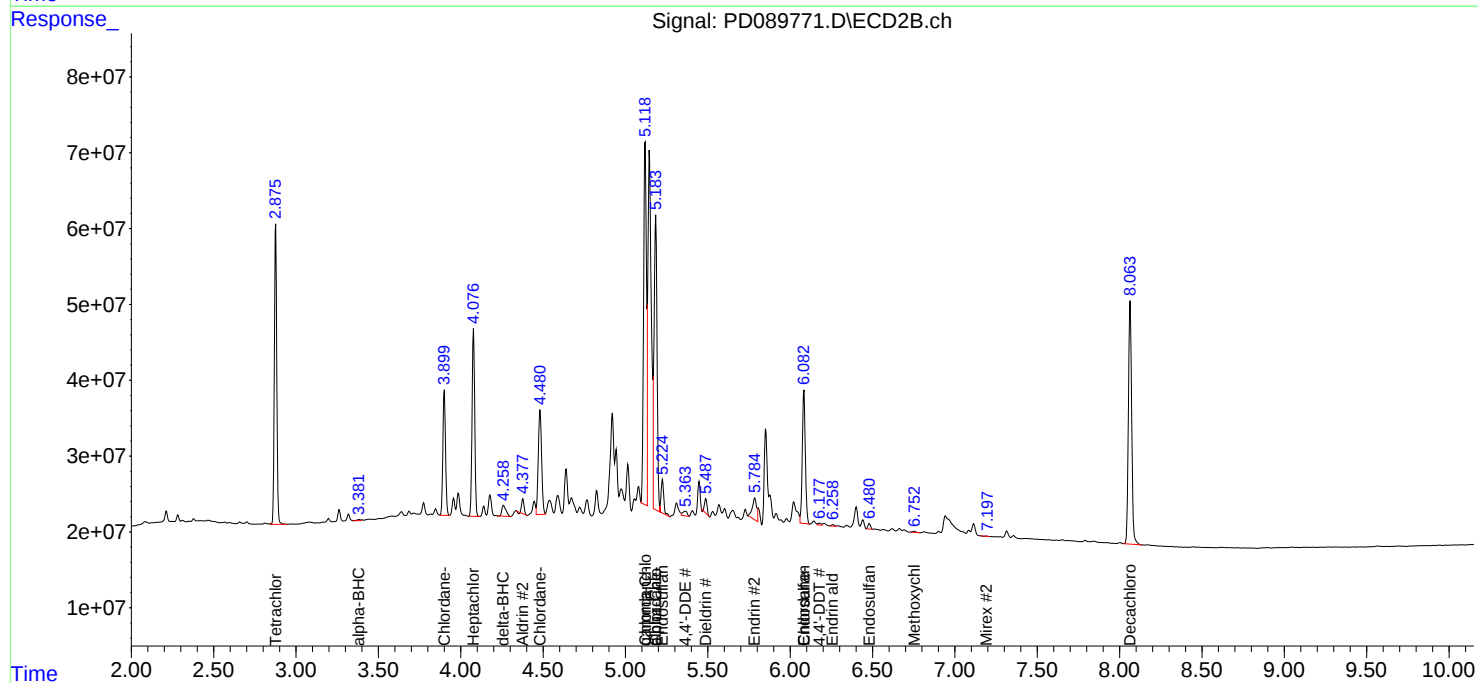
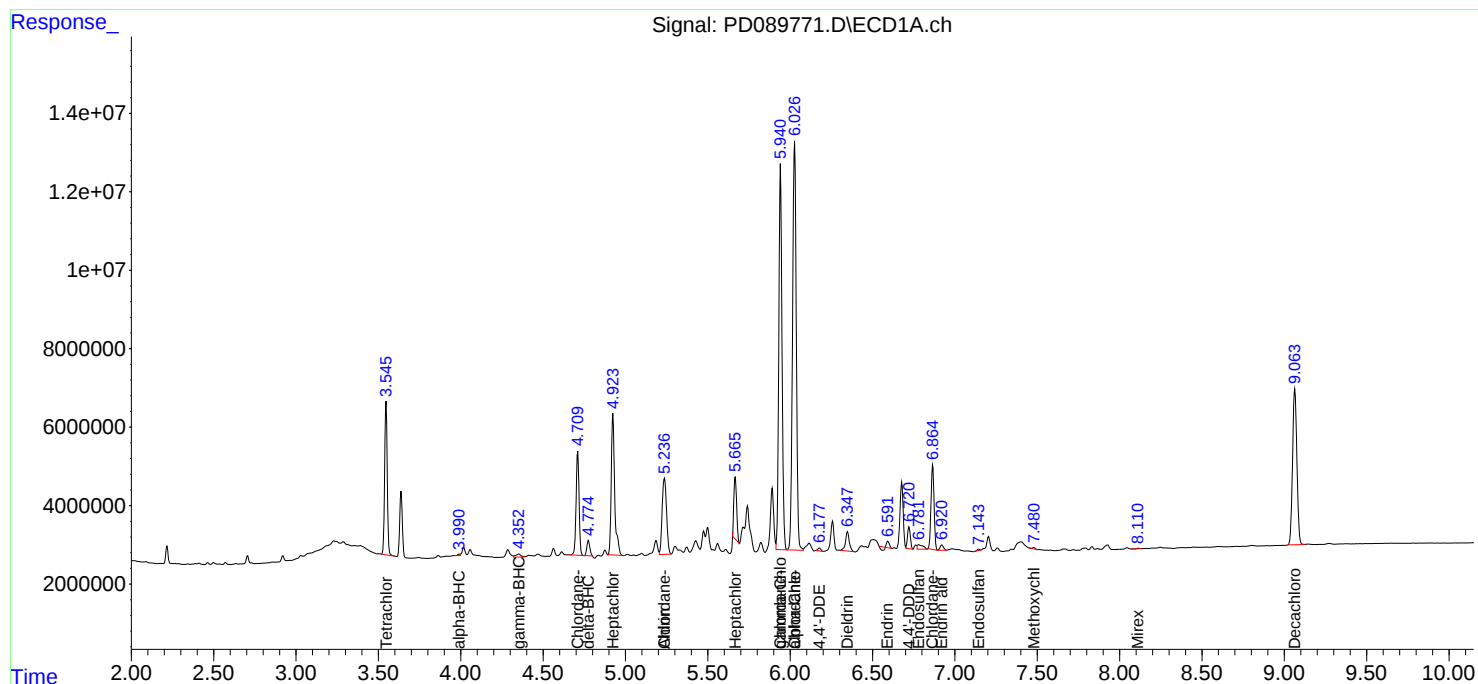
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

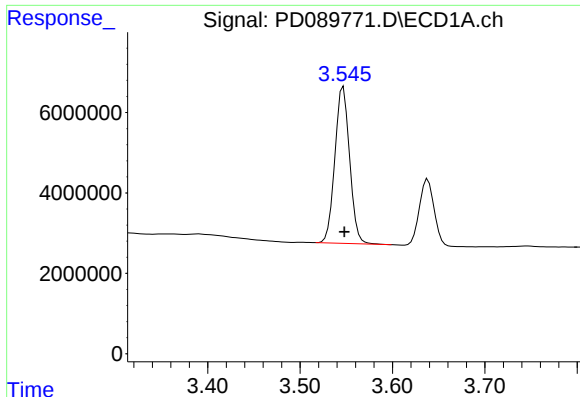
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080725\  
Data File : PD089771.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2025 16:17  
Operator : AR\AJ  
Sample : PB169093BS  
Misc : CHLOR / BS  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 03:07:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 2025  
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

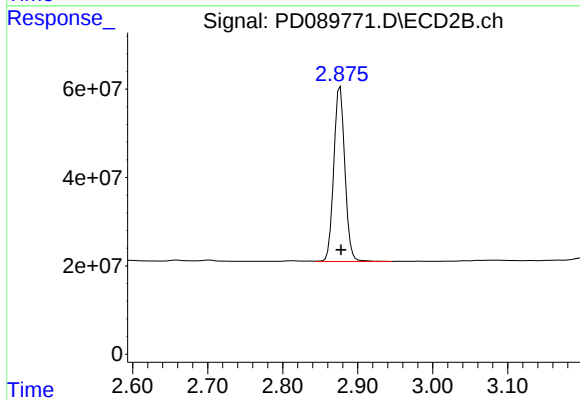




#1 Tetrachloro-m-xylene

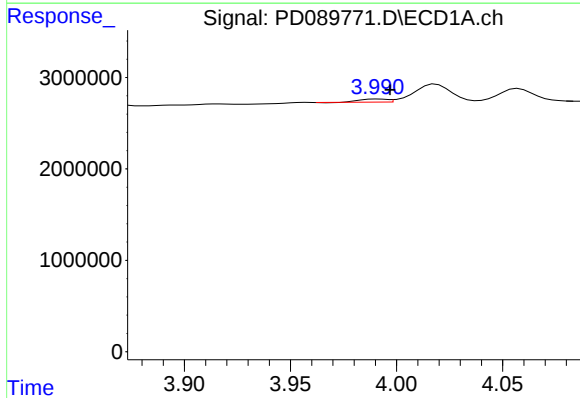
R.T.: 3.547 min  
Delta R.T.: -0.001 min  
Response: 43173823  
Conc: 17.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



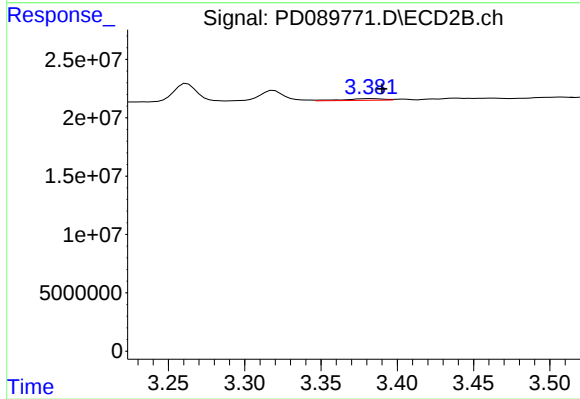
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 407040762  
Conc: 25.70 ng/ml



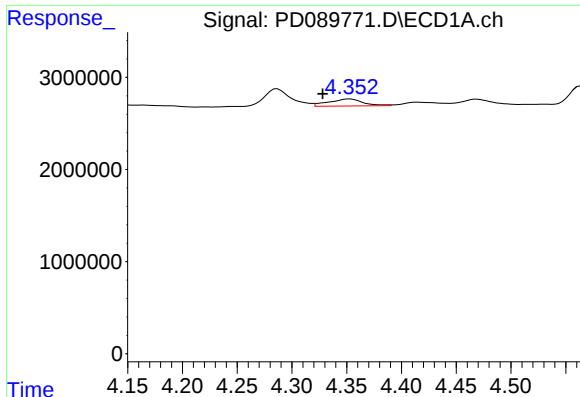
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: -0.006 min  
Response: 310051  
Conc: 0.06 ng/ml



#2 alpha-BHC

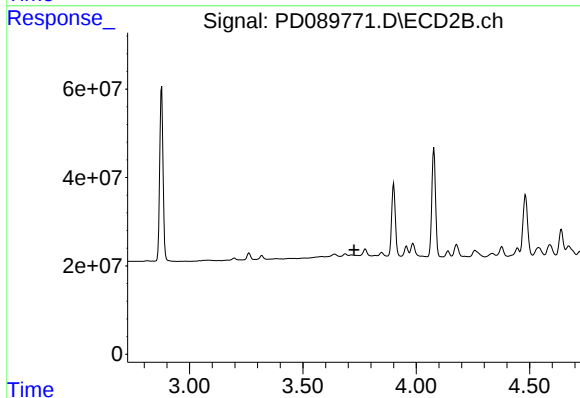
R.T.: 3.383 min  
Delta R.T.: -0.007 min  
Response: 2764548  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

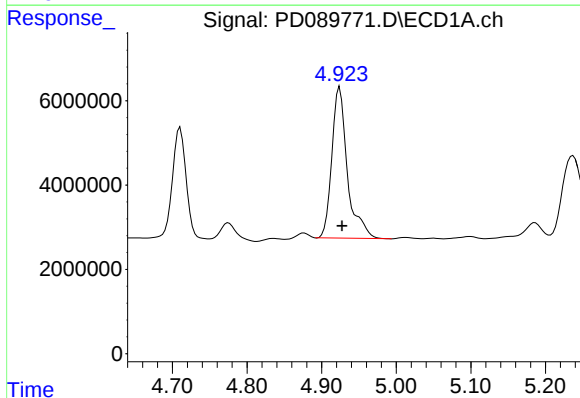
R.T.: 4.353 min  
Delta R.T.: 0.025 min  
Response: 1652587  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



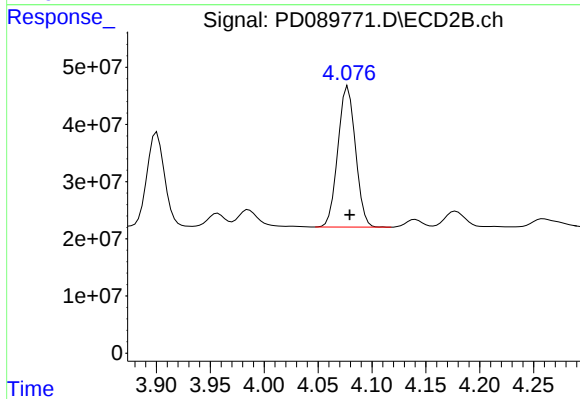
#3 gamma-BHC (Lindane)

R.T.: 3.716 min  
Delta R.T.: -0.010 min  
Response: -792621  
Conc: N.D.



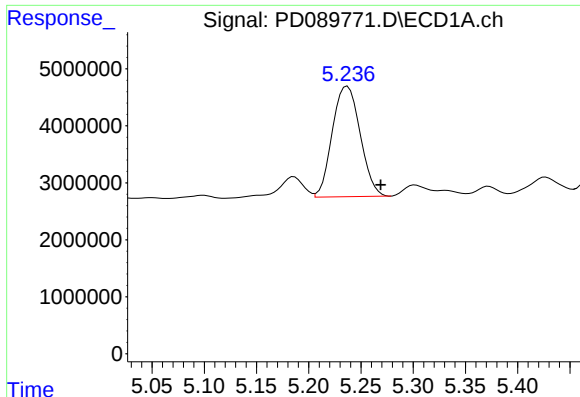
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: -0.003 min  
Response: 51928124  
Conc: 10.79 ng/ml



#4 Heptachlor

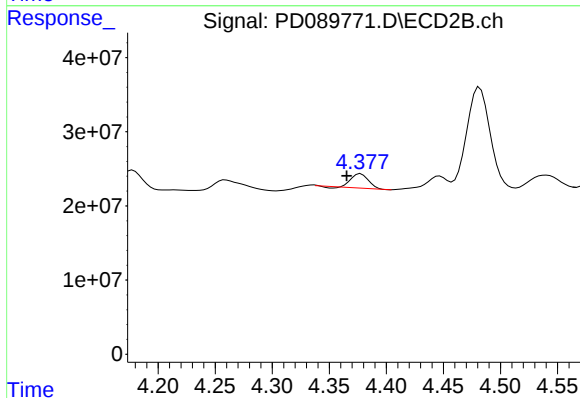
R.T.: 4.078 min  
Delta R.T.: -0.002 min  
Response: 280187450  
Conc: 12.07 ng/ml



#5 Aldrin

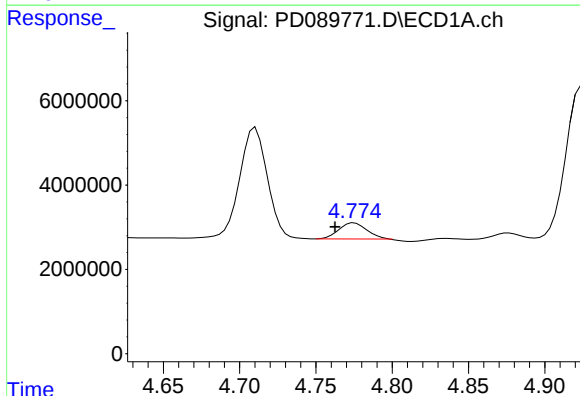
R.T.: 5.237 min  
Delta R.T.: -0.032 min  
Response: 36013808  
Conc: 7.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



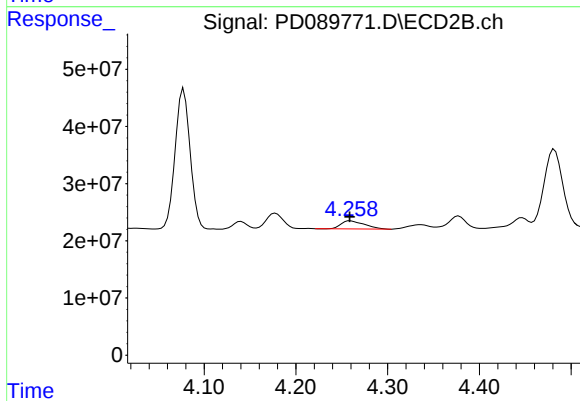
#5 Aldrin

R.T.: 4.377 min  
Delta R.T.: 0.012 min  
Response: 20064017  
Conc: 0.90 ng/ml



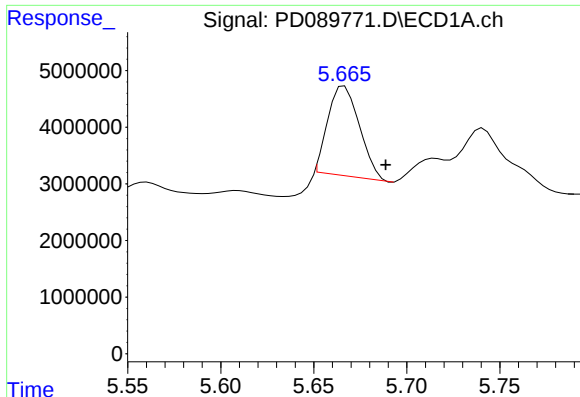
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.013 min  
Response: 4902782  
Conc: 1.07 ng/ml



#7 delta-BHC

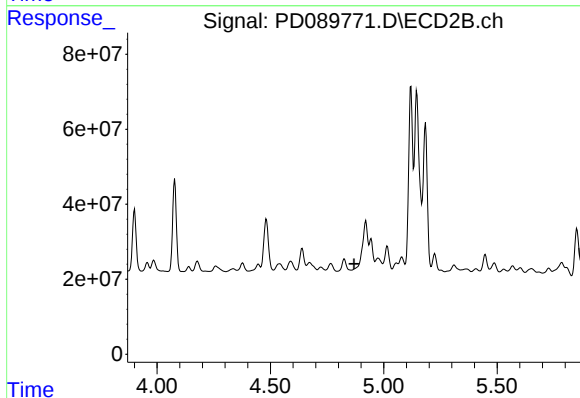
R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 25262055  
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

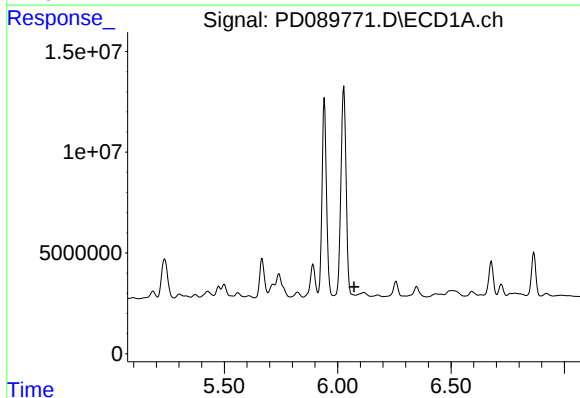
R.T.: 5.667 min  
Delta R.T.: -0.022 min  
Response: 18601376  
Conc: 4.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



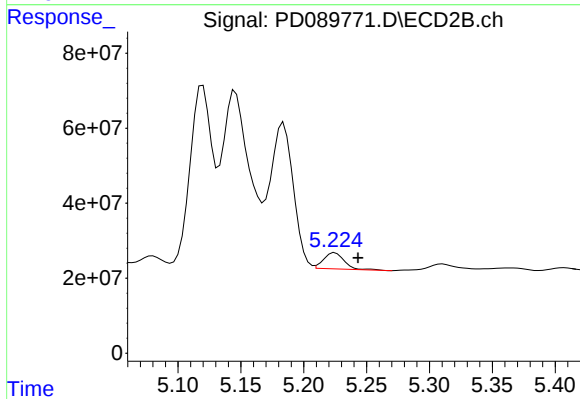
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



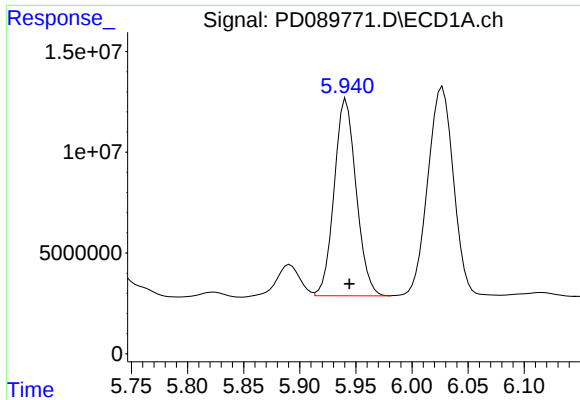
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.072 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

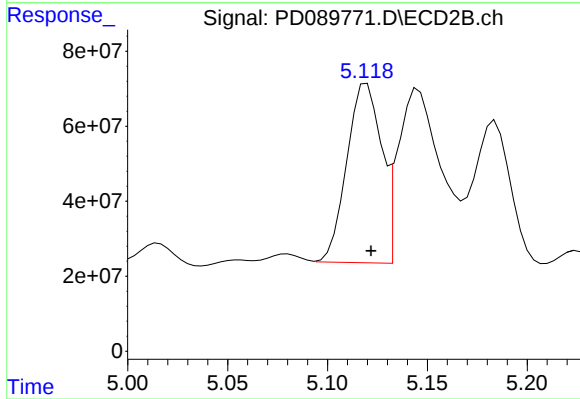
R.T.: 5.225 min  
Delta R.T.: -0.018 min  
Response: 49776206  
Conc: 2.55 ng/ml



#10 gamma-Chlordane

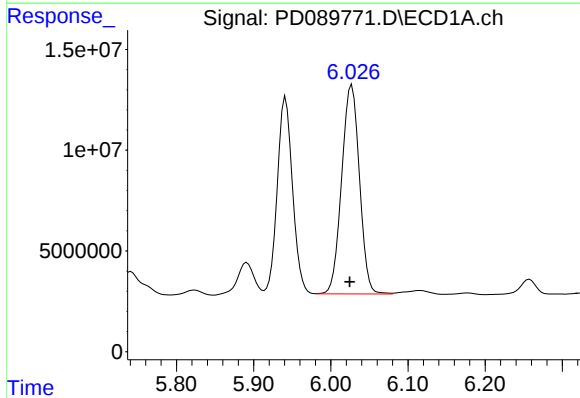
R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 133241416  
Conc: 31.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



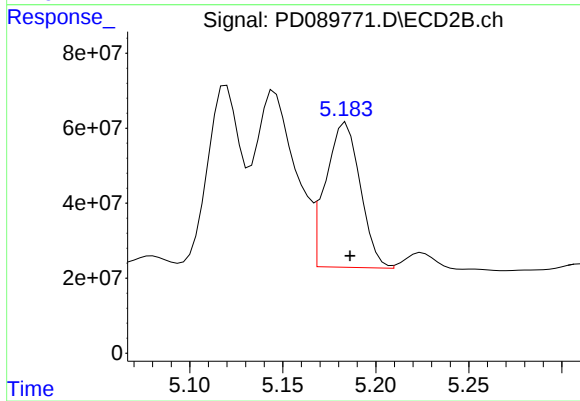
#10 gamma-Chlordane

R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 574739424  
Conc: 26.54 ng/ml



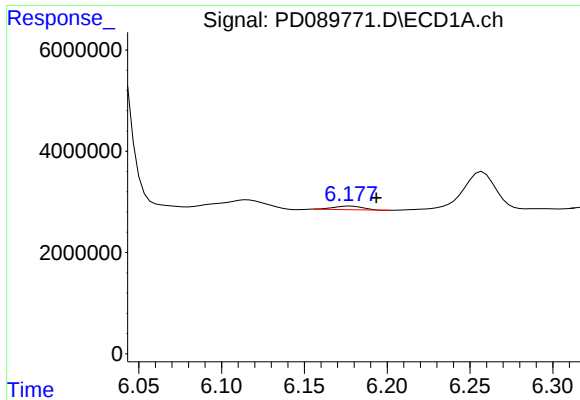
#11 alpha-Chlordane

R.T.: 6.027 min  
Delta R.T.: 0.002 min  
Response: 165730781  
Conc: 39.42 ng/ml



#11 alpha-Chlordane

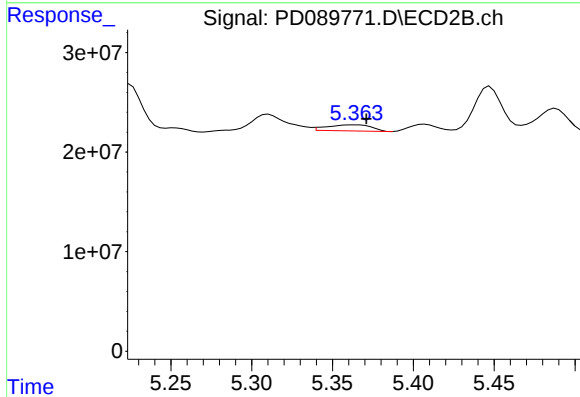
R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 498734267  
Conc: 23.95 ng/ml



#12 4,4'-DDE

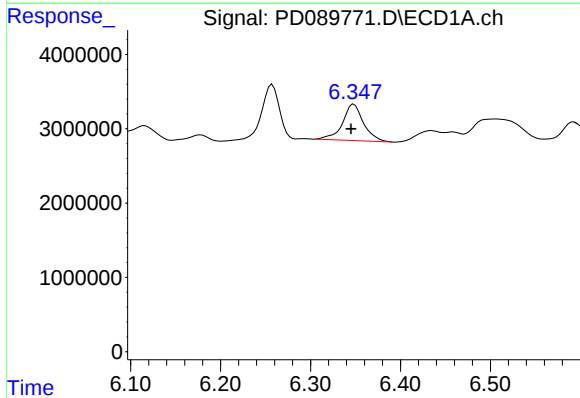
R.T.: 6.178 min  
Delta R.T.: -0.016 min  
Response: 886762  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



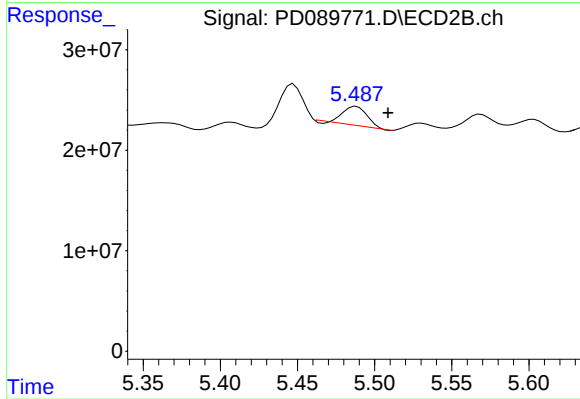
#12 4,4'-DDE

R.T.: 5.364 min  
Delta R.T.: -0.007 min  
Response: 11654742  
Conc: 0.55 ng/ml



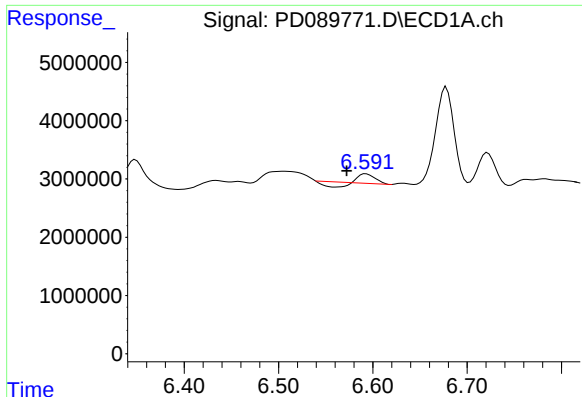
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: 0.003 min  
Response: 7921113  
Conc: 1.88 ng/ml



#13 Dieldrin

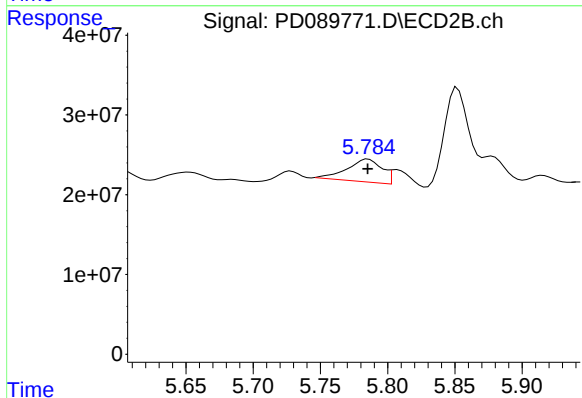
R.T.: 5.488 min  
Delta R.T.: -0.021 min  
Response: 20072245  
Conc: 0.93 ng/ml



#14 Endrin

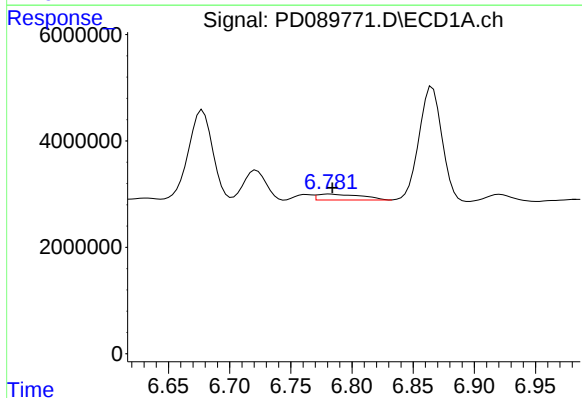
R.T.: 6.593 min  
Delta R.T.: 0.021 min  
Response: 949322  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



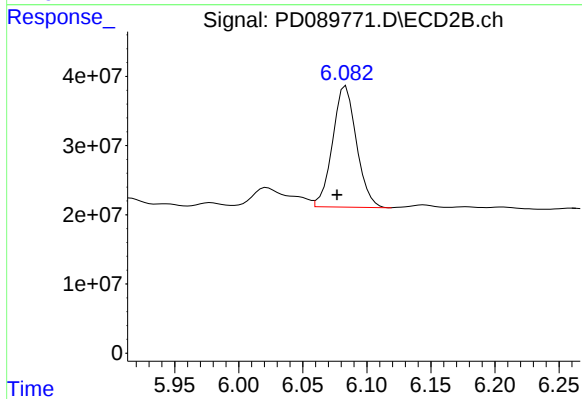
#14 Endrin

R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 51620557  
Conc: 2.59 ng/ml



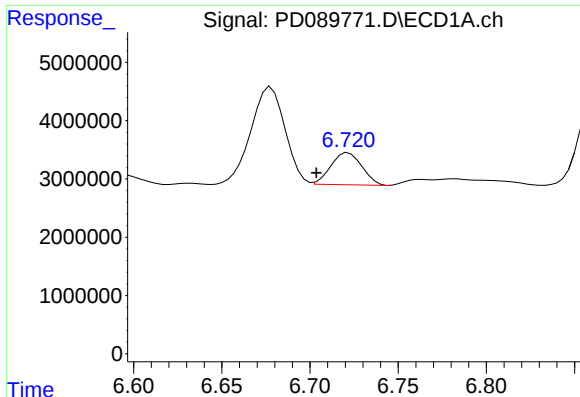
#15 Endosulfan II

R.T.: 6.782 min  
Delta R.T.: -0.002 min  
Response: 2757506  
Conc: 0.75 ng/ml



#15 Endosulfan II

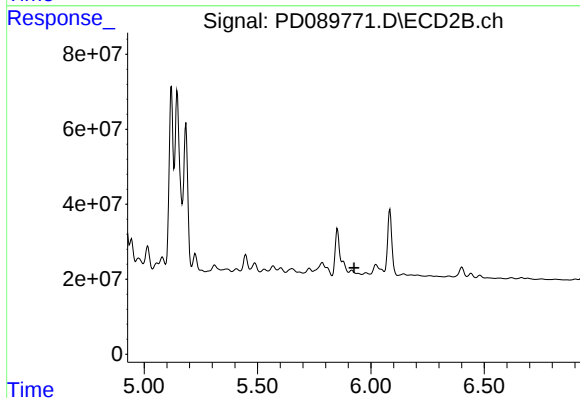
R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 226850974  
Conc: 12.07 ng/ml



#16 4,4'-DDD

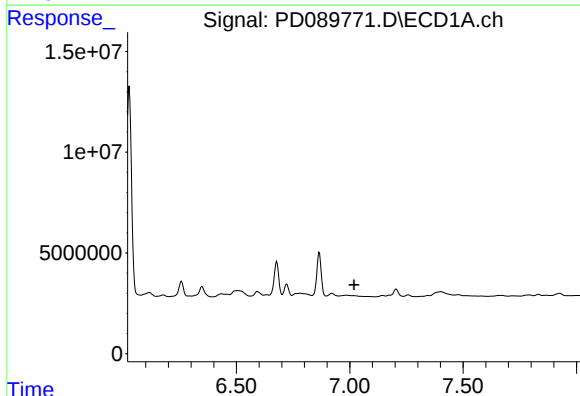
R.T.: 6.722 min  
Delta R.T.: 0.018 min  
Response: 6721382  
Conc: 2.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



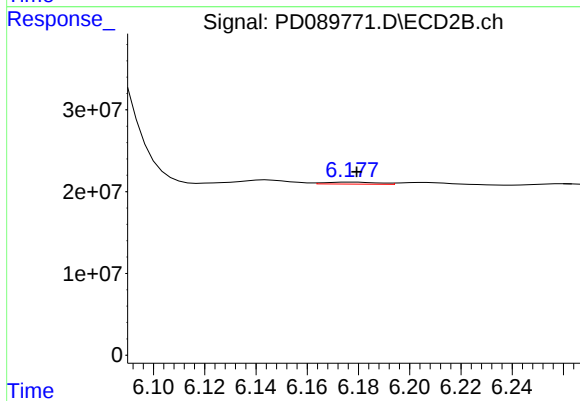
#16 4,4'-DDD

R.T.: 5.915 min  
Delta R.T.: -0.010 min  
Response: -13300421  
Conc: N.D.



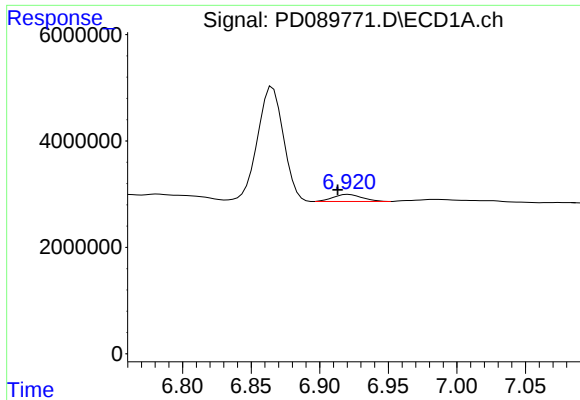
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.019 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

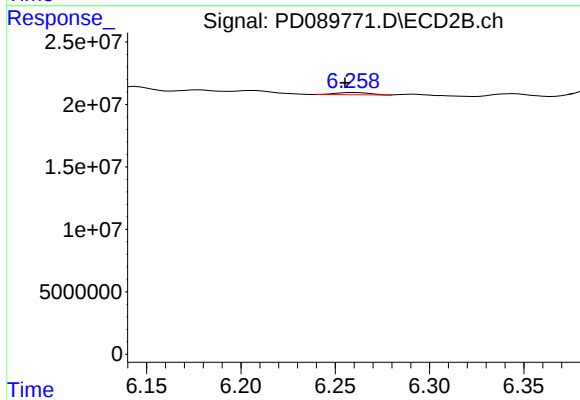
R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 3612960  
Conc: 0.20 ng/ml



#18 Endrin aldehyde

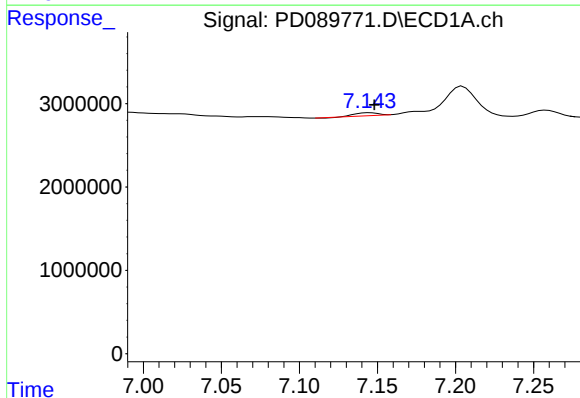
R.T.: 6.921 min  
Delta R.T.: 0.008 min  
Response: 1943933  
Conc: 0.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



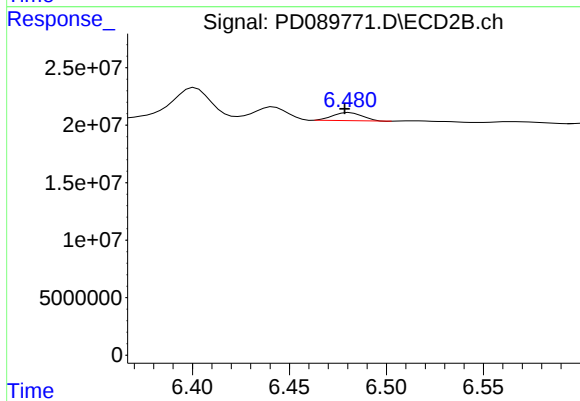
#18 Endrin aldehyde

R.T.: 6.260 min  
Delta R.T.: 0.005 min  
Response: 2371298  
Conc: 0.18 ng/ml



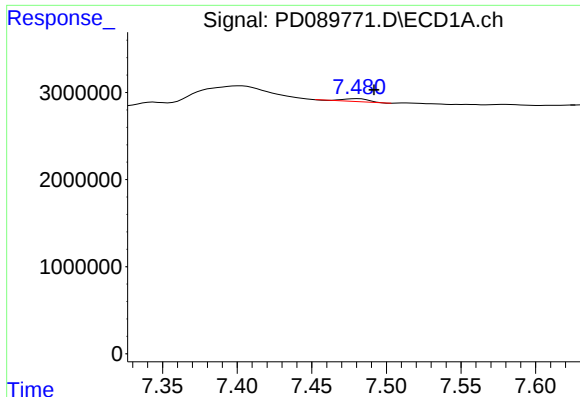
#19 Endosulfan Sulfate

R.T.: 7.145 min  
Delta R.T.: -0.003 min  
Response: 338383  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

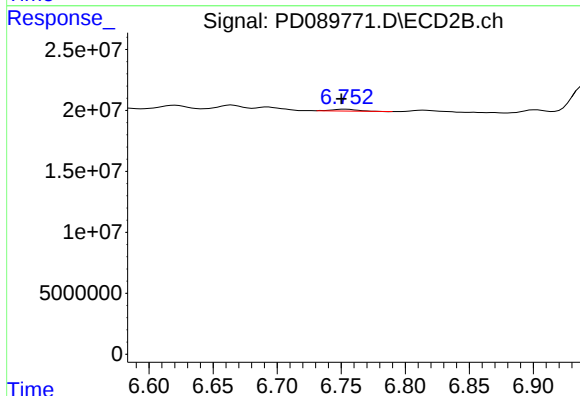
R.T.: 6.481 min  
Delta R.T.: 0.003 min  
Response: 7488005  
Conc: 0.40 ng/ml



#20 Methoxychlor

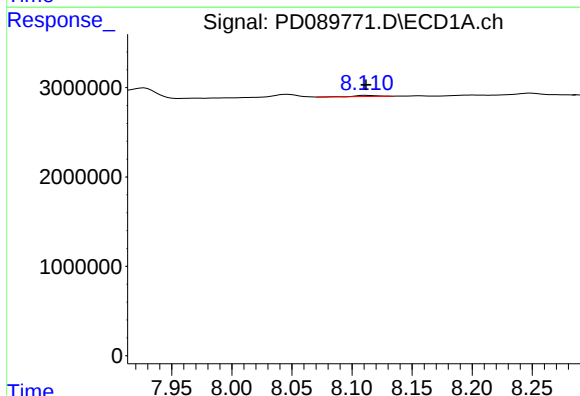
R.T.: 7.481 min  
Delta R.T.: -0.011 min  
Response: 371867  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



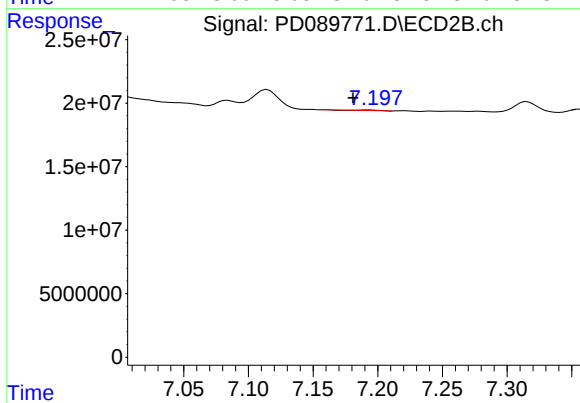
#20 Methoxychlor

R.T.: 6.753 min  
Delta R.T.: 0.003 min  
Response: 2067298  
Conc: 0.21 ng/ml



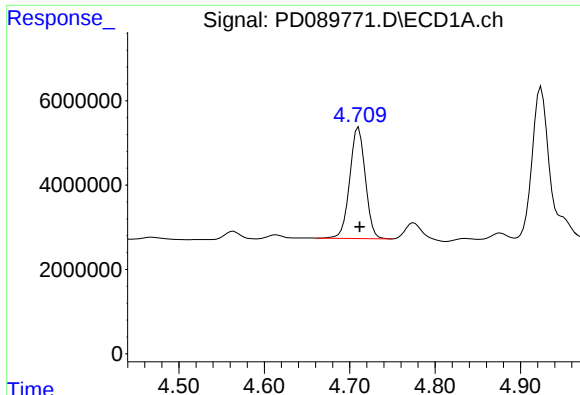
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: 0.000 min  
Response: 121772  
Conc: 0.04 ng/ml



#22 Mirex

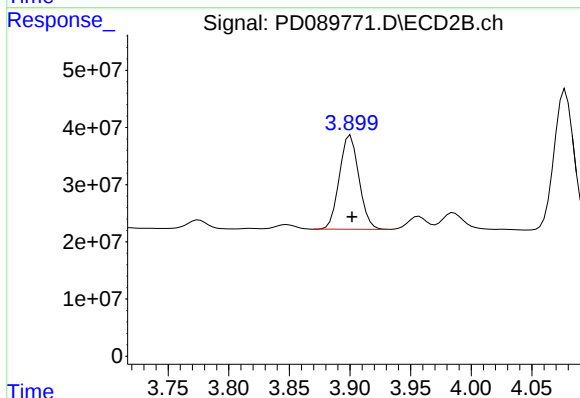
R.T.: 7.193 min  
Delta R.T.: 0.012 min  
Response: 468246  
Conc: 0.03 ng/ml



#23 Chlordane-1

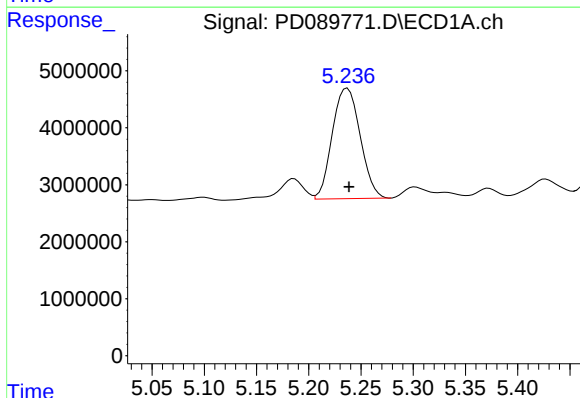
R.T.: 4.710 min  
Delta R.T.: -0.001 min  
Response: 33393487  
Conc: 200.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



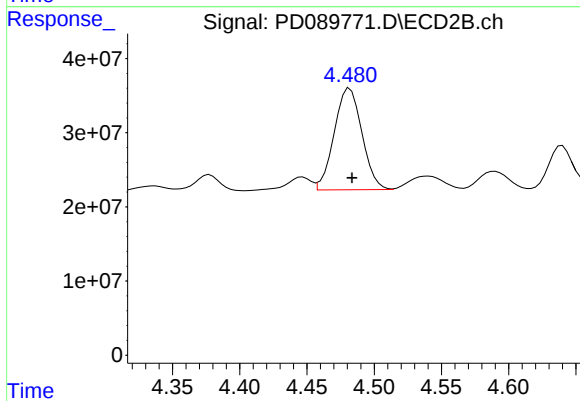
#23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 184651358  
Conc: 252.46 ng/ml



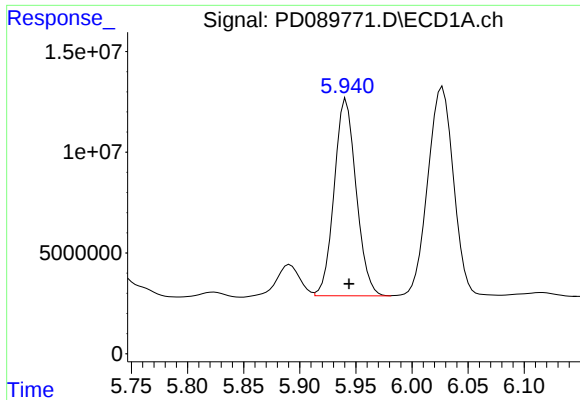
#24 Chlordane-2

R.T.: 5.237 min  
Delta R.T.: -0.002 min  
Response: 36013808  
Conc: 211.94 ng/ml



#24 Chlordane-2

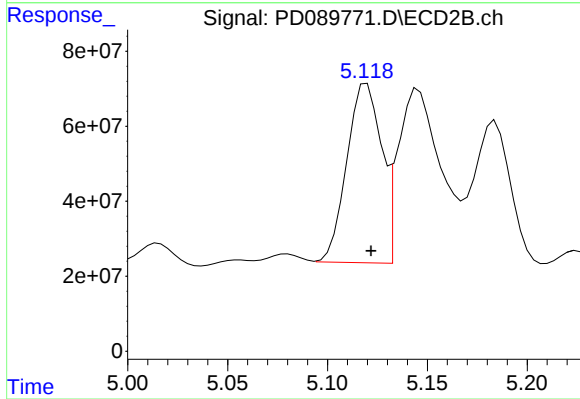
R.T.: 4.482 min  
Delta R.T.: -0.002 min  
Response: 196065220  
Conc: 256.51 ng/ml



#25 Chlordane-3

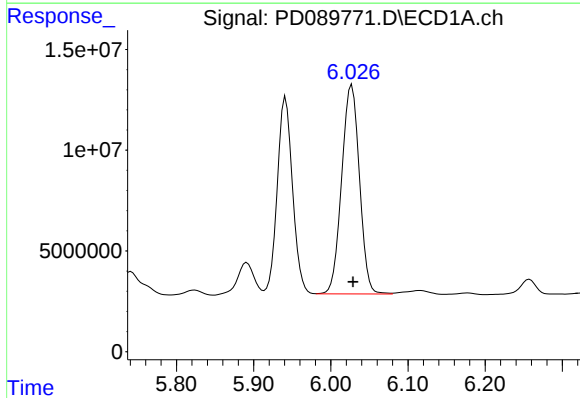
R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 133241416  
Conc: 194.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



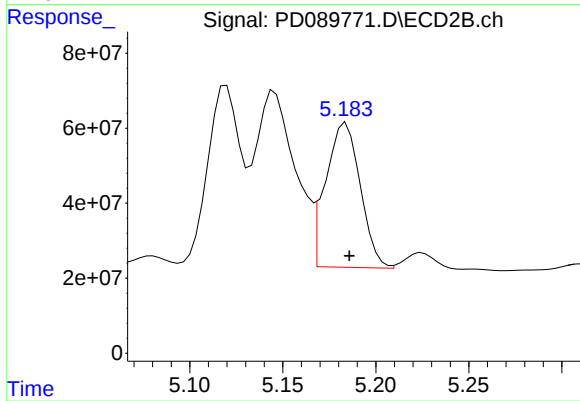
#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 574739424  
Conc: 248.34 ng/ml



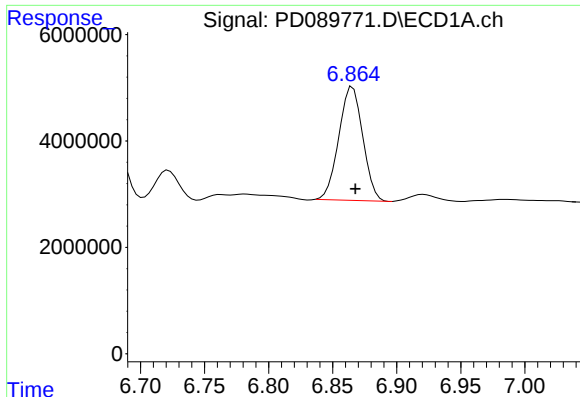
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 165730781  
Conc: 197.98 ng/ml



#26 Chlordane-4

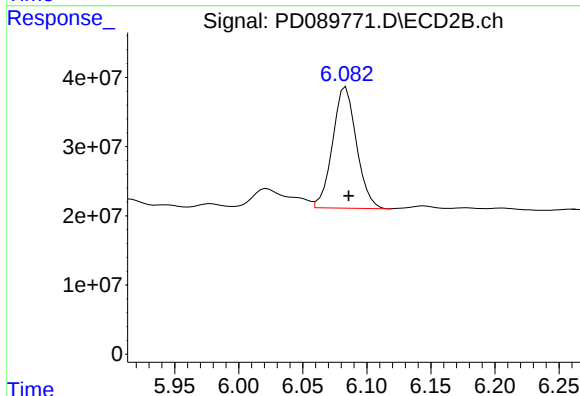
R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 498734267  
Conc: 250.68 ng/ml



#27 Chlordane-5

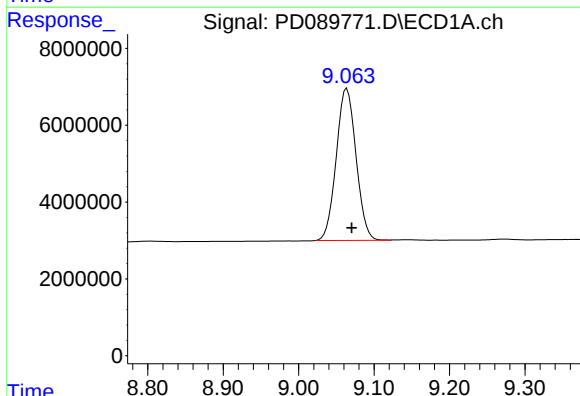
R.T.: 6.866 min  
Delta R.T.: -0.002 min  
Response: 27819573  
Conc: 192.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



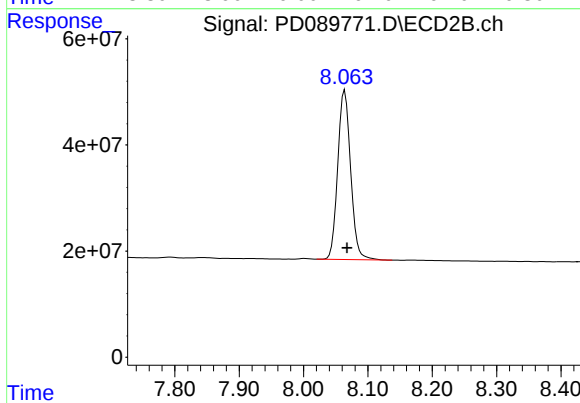
#27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: -0.002 min  
Response: 226850974  
Conc: 250.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: -0.007 min  
Response: 72230890  
Conc: 19.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.004 min  
Response: 446080872  
Conc: 22.22 ng/ml