

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051325\  
 Data File : PD088530.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2025 18:10  
 Operator : AR\AJ  
 Sample : Q2010-03  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-14

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 22:46:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 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... | 3.552  | 2.883  | 36525762 | 255.8E6  | 18.287 | 17.497   |
| 28)                         | SA Decachlor... | 9.074  | 8.075  | 54624644 | 249.8E6  | 16.512 | 13.515   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.385  | 0        | 1313846  | N.D.   | 0.057 #  |
| 3)                          | MA gamma-BHC... | 4.334  | 3.736  | 781159   | 3182843  | 0.187  | 0.148    |
| 4)                          | MA Heptachlor   | 4.946  | 4.097  | 648126   | 2201955  | 0.160  | 0.103 #  |
| 5)                          | MB Aldrin       | 5.263  | 4.370  | 511739   | 1867161  | 0.130  | 0.090 #  |
| 6)                          | B beta-BHC      | 4.494f | 4.041  | 1667995  | 7362705  | 1.027  | 0.796    |
| 7)                          | B delta-BHC     | 4.779  | 4.256  | 4842423  | 1554999  | 1.174  | 0.073 #  |
| 8)                          | B Heptachlo...  | 5.704  | 4.870  | 1463957  | 2139713  | 0.410  | 0.113 #  |
| 9)                          | A Endosulfan I  | 6.098f | 5.270f | 4043027  | 50834403 | 1.197  | 2.822 #  |
| 10)                         | B gamma-Chl...  | 5.916f | 5.132  | 1721526  | 27483869 | 0.475  | 1.354 #  |
| 11)                         | B alpha-Chl...  | 6.035  | 5.210f | 1213675  | 53994979 | 0.336  | 2.754 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.400f | 0        | 6528146  | N.D.   | 0.331 #  |
| 13)                         | MA Dieldrin     | 6.353  | 5.514  | 61477    | 39035509 | 0.017  | 1.958 #  |
| 14)                         | MA Endrin       | 6.576  | 5.796  | 312398   | 7299790  | 0.105  | 0.401 #  |
| 15)                         | B Endosulfa...  | 6.781  | 6.083  | 545850   | 15858067 | 0.175  | 0.905 #  |
| 16)                         | A 4,4'-DDD      | 6.692  | 0.000  | 1393198  | 0        | 0.554  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.188  | 146839   | 4032295  | 0.053  | 0.237 #  |
| 18)                         | B Endrin al...  | 6.921  | 6.273  | 411130   | 3086204  | 0.178  | 0.232 #  |
| 19)                         | B Endosulfa...  | 7.149  | 6.500  | -234991  | 4543722  | N.D.   | 0.265    |
| 22)                         | Mirex           | 0.000  | 7.181  | 0        | 980056   | N.D.   | 0.066 #  |
| 23)                         | Chlordane-1     | 4.688f | 3.901  | 1065994  | 12991712 | 6.416  | 16.205 # |
| 24)                         | Chlordane-2     | 5.263f | 4.507  | 511739   | 1354522  | 3.073  | 1.641 #  |
| 25)                         | Chlordane-3     | 0.000  | 5.132  | 0        | 27483869 | N.D.   | 10.867 # |
| 26)                         | Chlordane-4     | 6.035  | 5.210  | 1213675  | 53994979 | 1.489  | 25.253 # |
| 27)                         | Chlordane-5     | 6.871  | 6.083  | 522969   | 15858067 | 3.849  | 16.424 # |

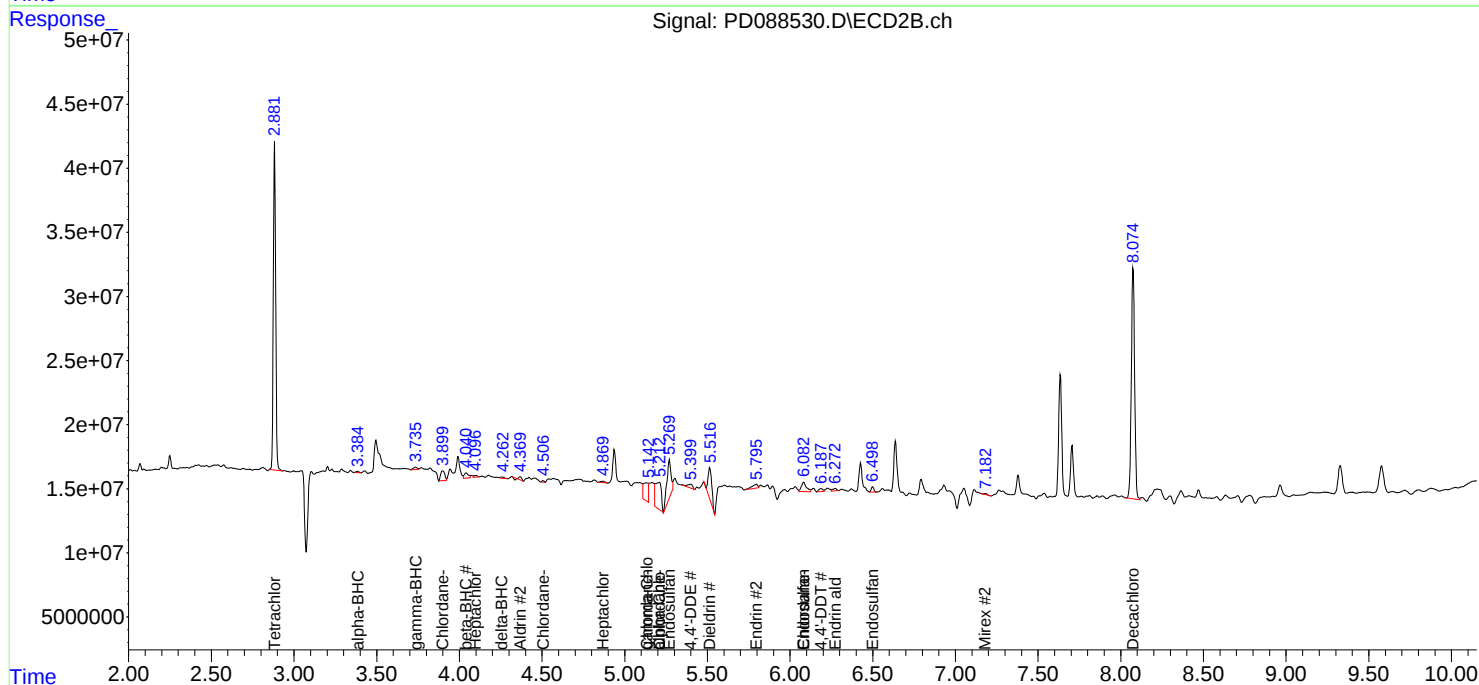
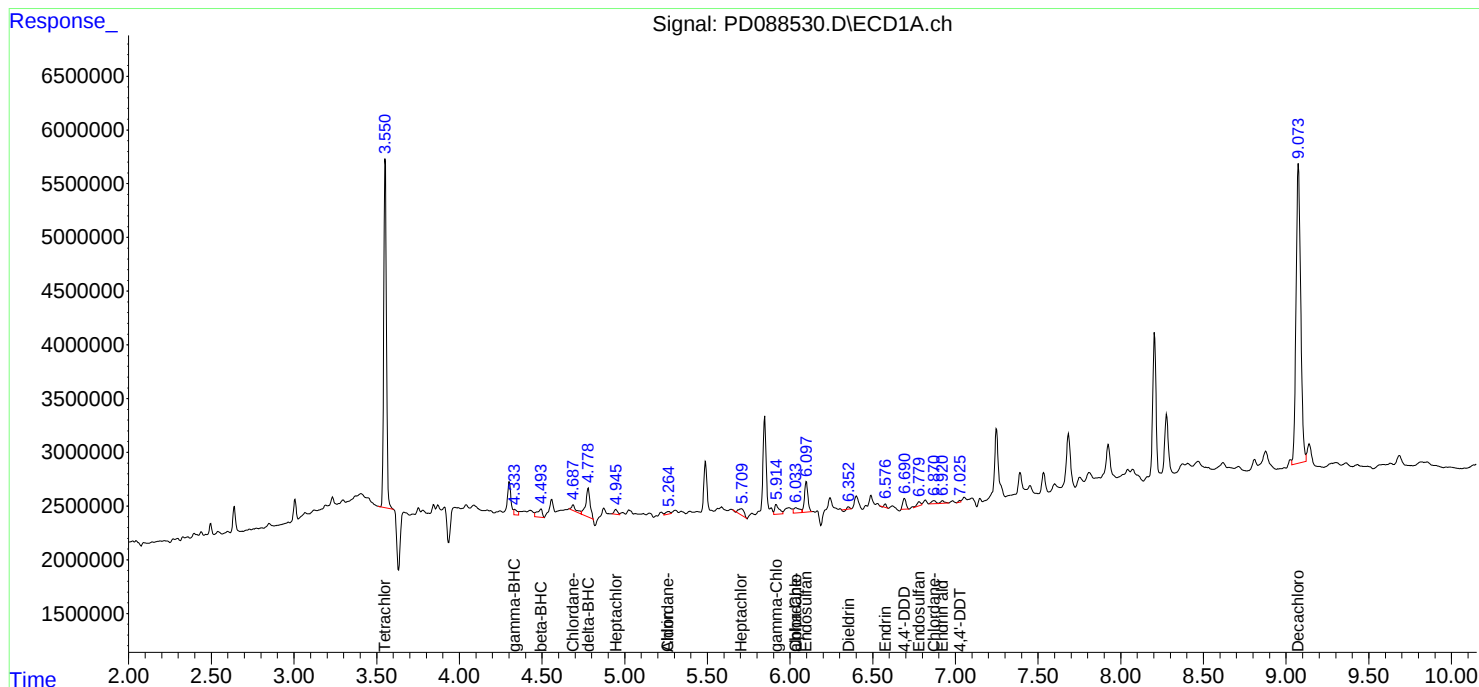
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

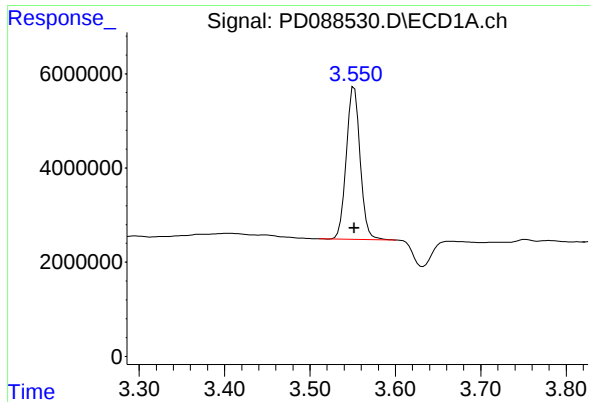
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051325\  
Data File : PD088530.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2025 18:10  
Operator : AR\AJ  
Sample : Q2010-03  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 22:46:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
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

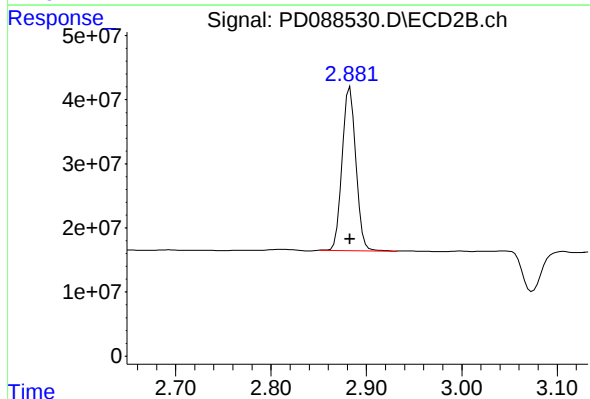




#1 Tetrachloro-m-xylene

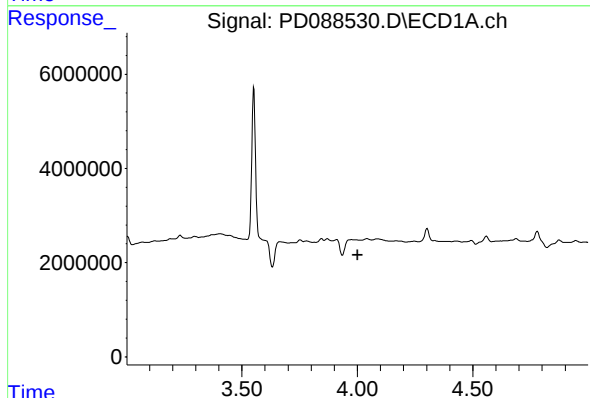
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 36525762  
Conc: 18.29 ng/ml

Instrument :  
ECD\_D  
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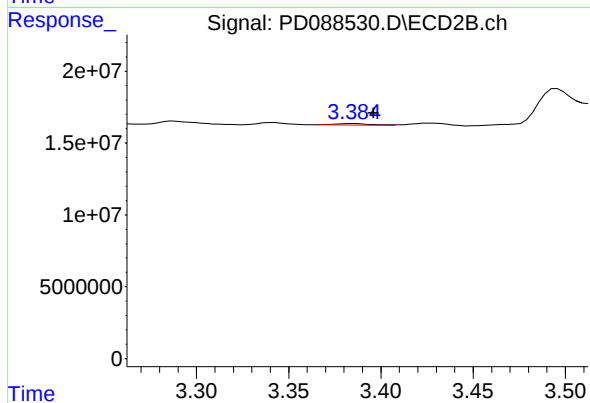
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 255827507  
Conc: 17.50 ng/ml



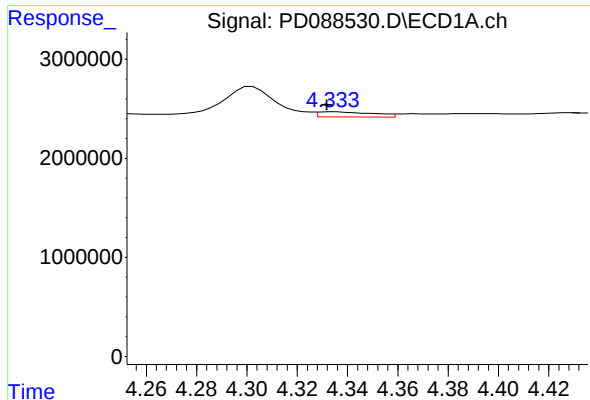
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.001 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

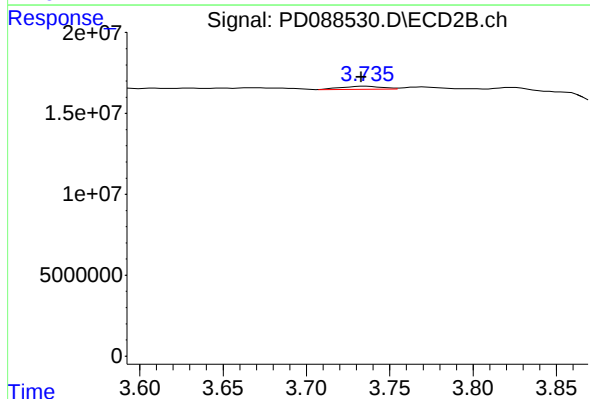
R.T.: 3.385 min  
Delta R.T.: -0.011 min  
Response: 1313846  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

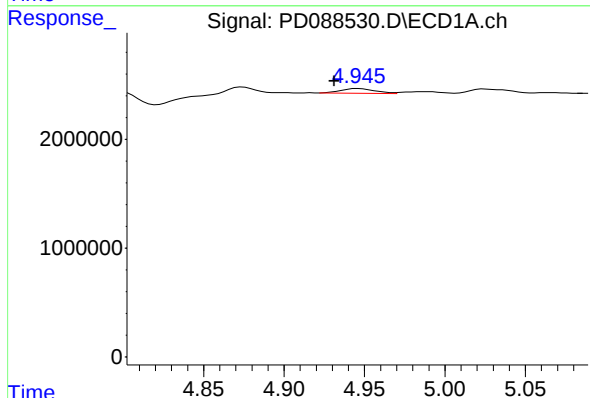
R.T.: 4.334 min  
Delta R.T.: 0.003 min  
Response: 781159  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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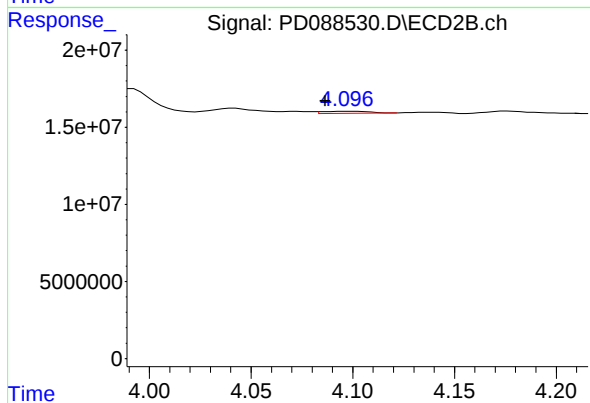
#3 gamma-BHC (Lindane)

R.T.: 3.736 min  
Delta R.T.: 0.003 min  
Response: 3182843  
Conc: 0.15 ng/ml



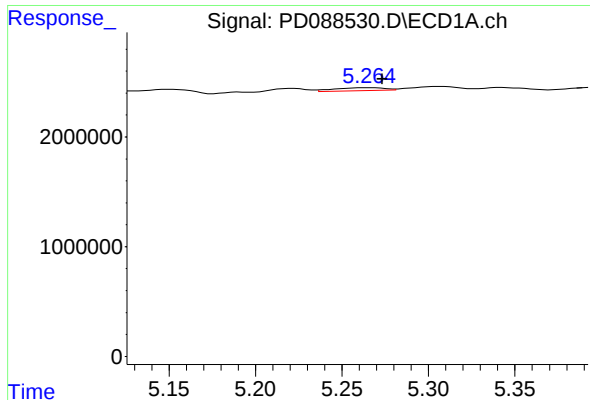
#4 Heptachlor

R.T.: 4.946 min  
Delta R.T.: 0.015 min  
Response: 648126  
Conc: 0.16 ng/ml



#4 Heptachlor

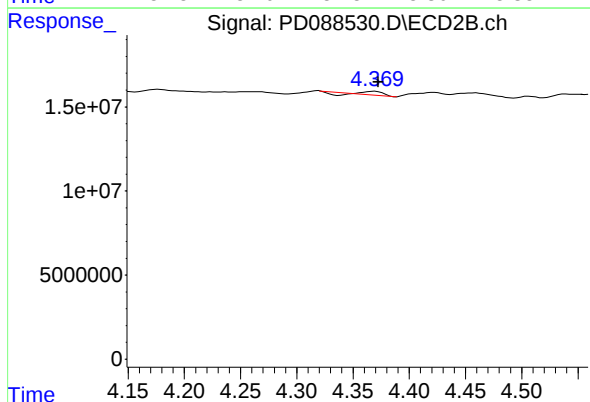
R.T.: 4.097 min  
Delta R.T.: 0.011 min  
Response: 2201955  
Conc: 0.10 ng/ml



#5 Aldrin

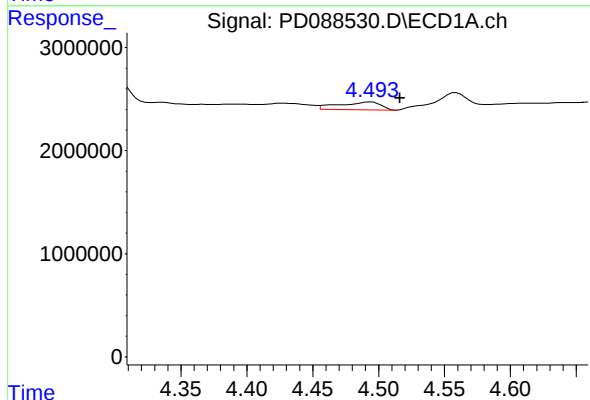
R.T.: 5.263 min  
Delta R.T.: -0.010 min  
Response: 511739  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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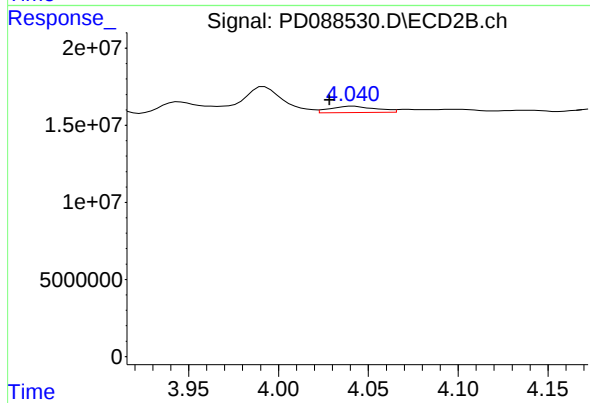
#5 Aldrin

R.T.: 4.370 min  
Delta R.T.: -0.003 min  
Response: 1867161  
Conc: 0.09 ng/ml



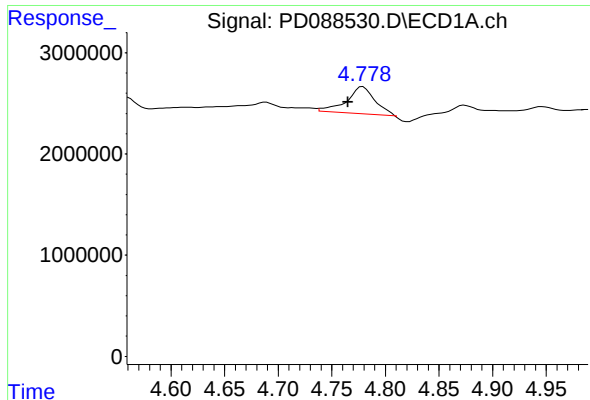
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: -0.022 min  
Response: 1667995  
Conc: 1.03 ng/ml



#6 beta-BHC

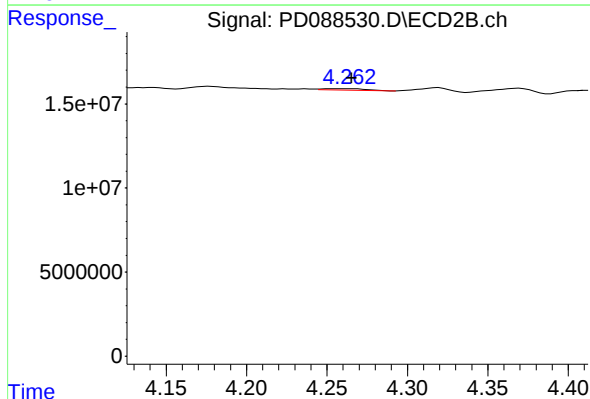
R.T.: 4.041 min  
Delta R.T.: 0.013 min  
Response: 7362705  
Conc: 0.80 ng/ml



#7 delta-BHC

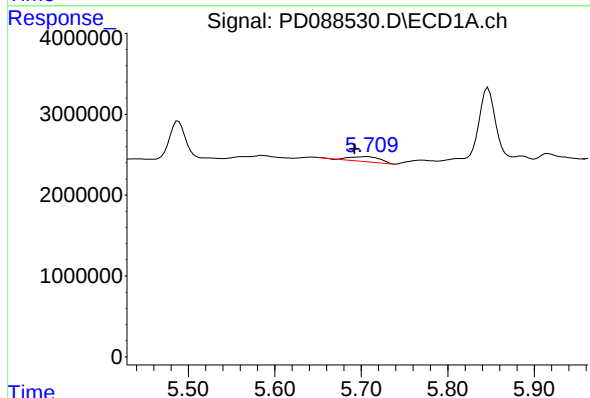
R.T.: 4.779 min  
Delta R.T.: 0.014 min  
Response: 4842423  
Conc: 1.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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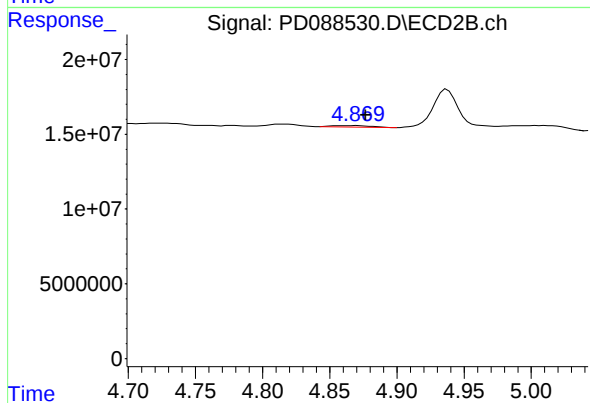
#7 delta-BHC

R.T.: 4.256 min  
Delta R.T.: -0.010 min  
Response: 1554999  
Conc: 0.07 ng/ml



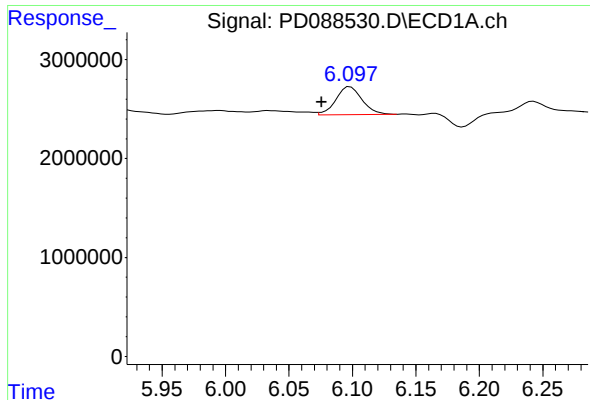
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: 0.012 min  
Response: 1463957  
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

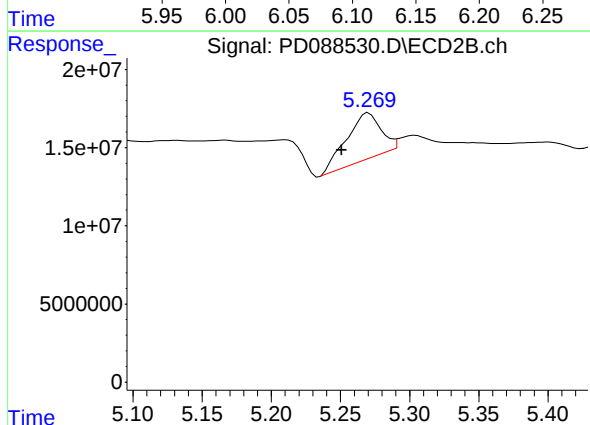
R.T.: 4.870 min  
Delta R.T.: -0.007 min  
Response: 2139713  
Conc: 0.11 ng/ml



#9 Endosulfan I

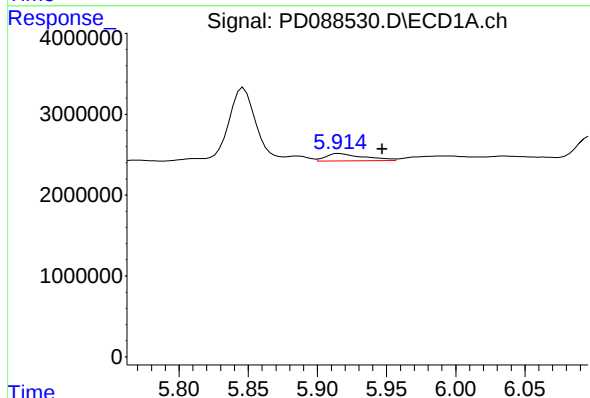
R.T.: 6.098 min  
Delta R.T.: 0.022 min  
Response: 4043027  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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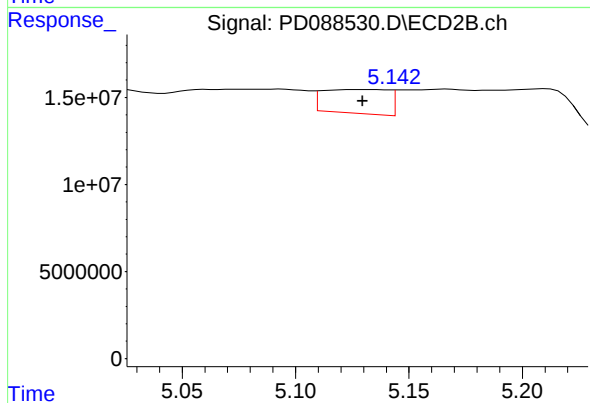
#9 Endosulfan I

R.T.: 5.270 min  
Delta R.T.: 0.019 min  
Response: 50834403  
Conc: 2.82 ng/ml



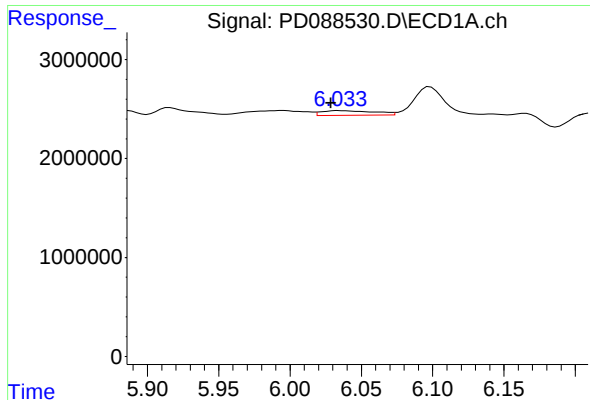
#10 gamma-Chlordane

R.T.: 5.916 min  
Delta R.T.: -0.031 min  
Response: 1721526  
Conc: 0.48 ng/ml



#10 gamma-Chlordane

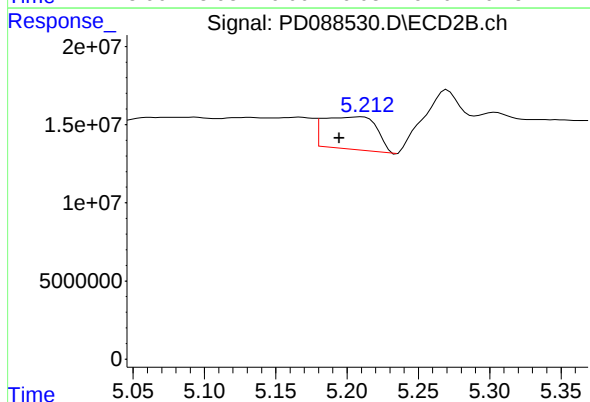
R.T.: 5.132 min  
Delta R.T.: 0.002 min  
Response: 27483869  
Conc: 1.35 ng/ml



#11 alpha-Chlordane

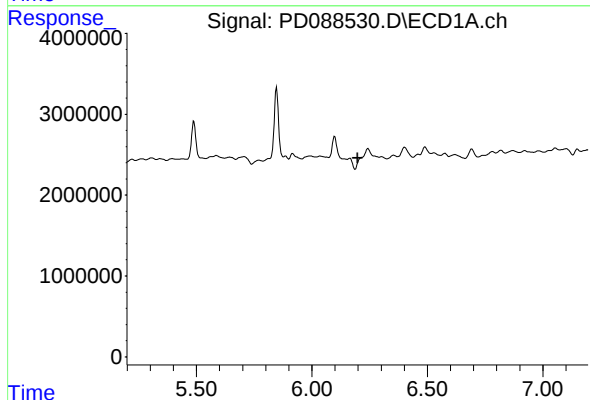
R.T.: 6.035 min  
Delta R.T.: 0.006 min  
Response: 1213675  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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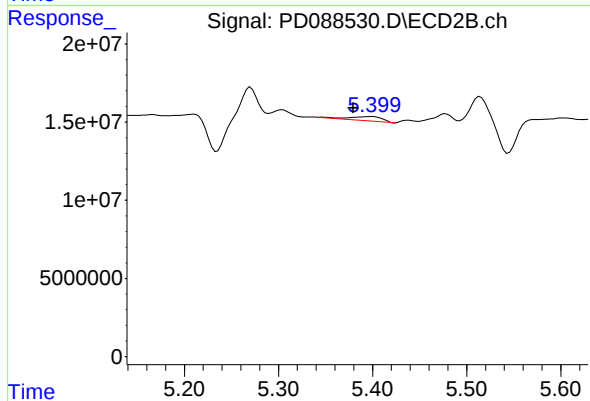
#11 alpha-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.016 min  
Response: 53994979  
Conc: 2.75 ng/ml



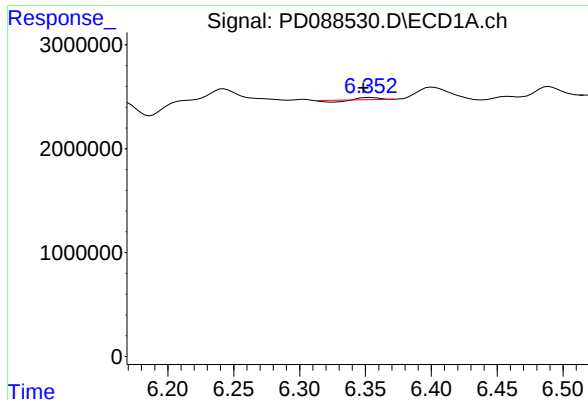
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

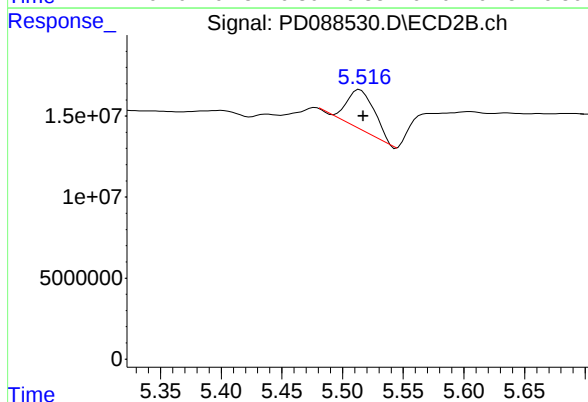
R.T.: 5.400 min  
Delta R.T.: 0.020 min  
Response: 6528146  
Conc: 0.33 ng/ml



#13 Dieldrin

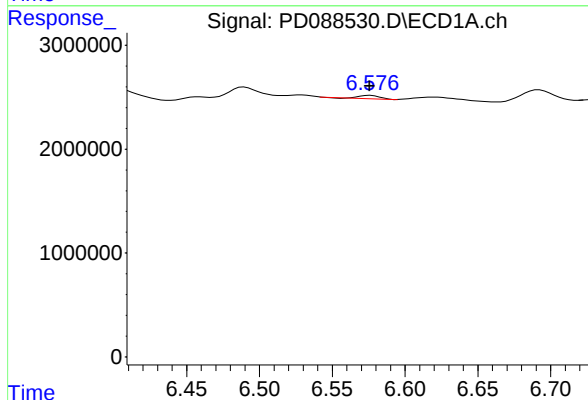
R.T.: 6.353 min  
Delta R.T.: 0.005 min  
Response: 61477  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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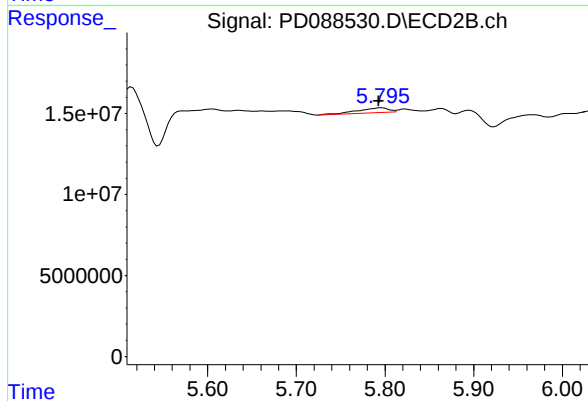
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 39035509  
Conc: 1.96 ng/ml



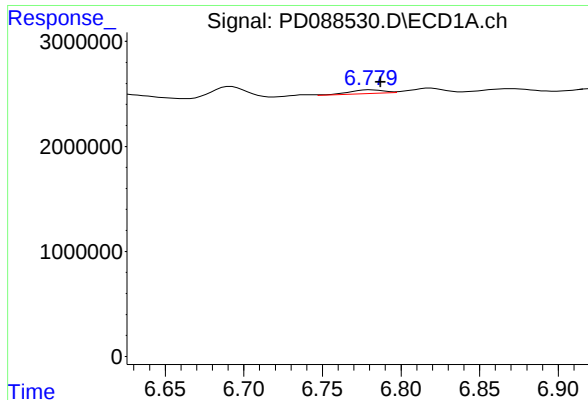
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 312398  
Conc: 0.10 ng/ml



#14 Endrin

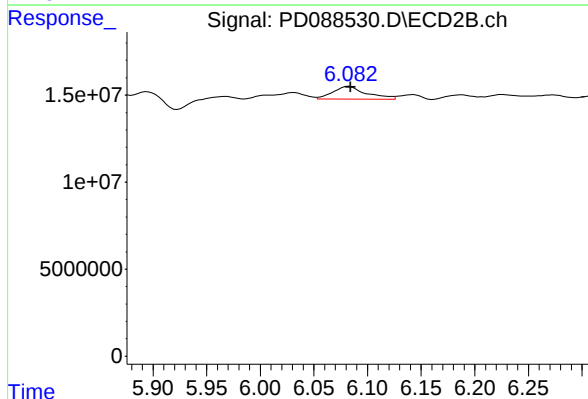
R.T.: 5.796 min  
Delta R.T.: 0.003 min  
Response: 7299790  
Conc: 0.40 ng/ml



#15 Endosulfan II

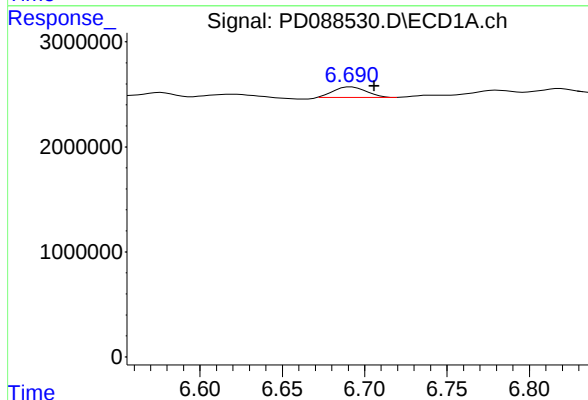
R.T.: 6.781 min  
Delta R.T.: -0.006 min  
Response: 545850  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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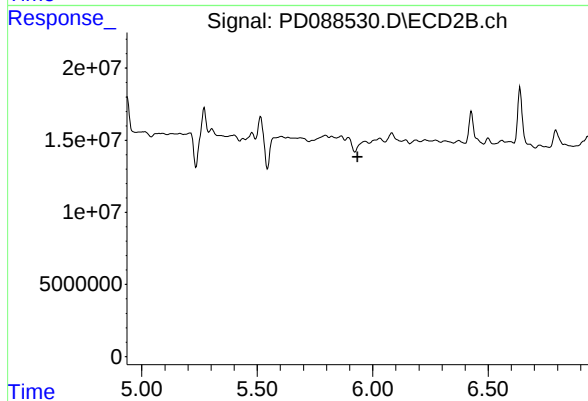
#15 Endosulfan II

R.T.: 6.083 min  
Delta R.T.: -0.001 min  
Response: 15858067  
Conc: 0.91 ng/ml



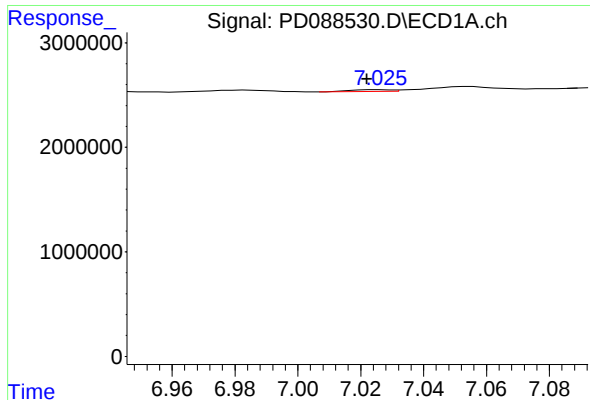
#16 4,4'-DDD

R.T.: 6.692 min  
Delta R.T.: -0.014 min  
Response: 1393198  
Conc: 0.55 ng/ml



#16 4,4'-DDD

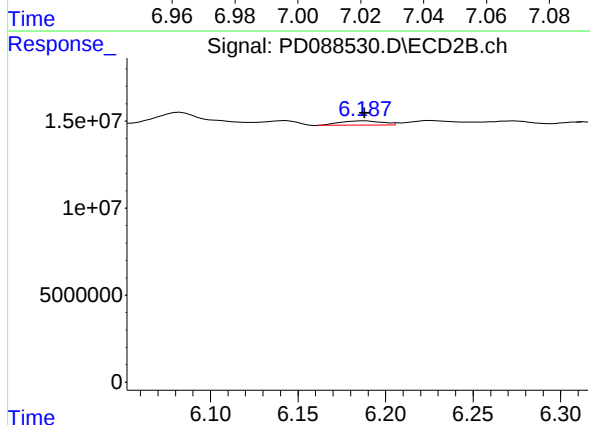
R.T.: 0.000 min  
Exp R.T.: 5.934 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

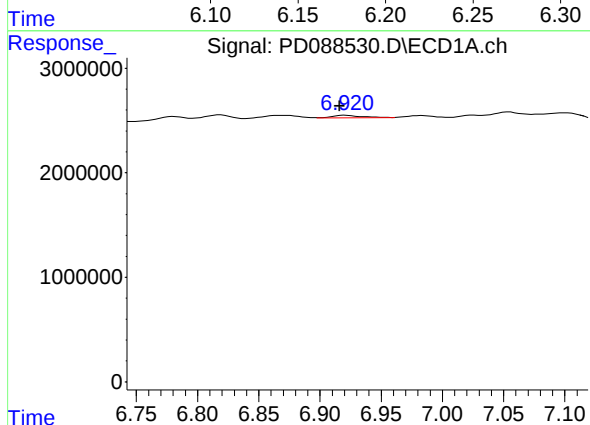
R.T.: 7.027 min  
Delta R.T.: 0.005 min  
Response: 146839  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14



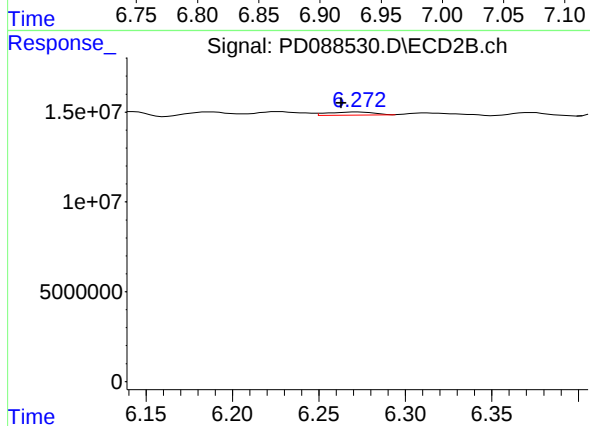
#17 4,4'-DDT

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 4032295  
Conc: 0.24 ng/ml



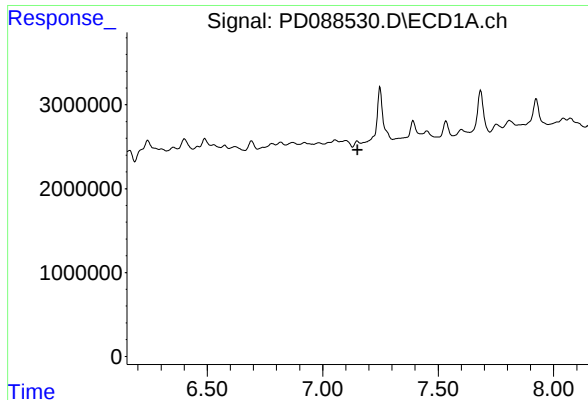
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: 0.005 min  
Response: 411130  
Conc: 0.18 ng/ml



#18 Endrin aldehyde

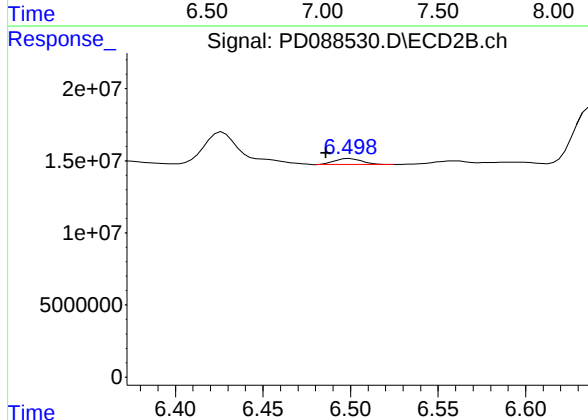
R.T.: 6.273 min  
Delta R.T.: 0.010 min  
Response: 3086204  
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

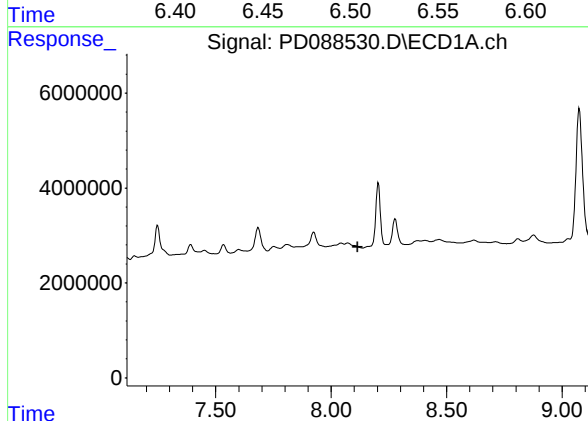
R.T.: 7.149 min  
Delta R.T.: -0.001 min  
Response: -234991  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14



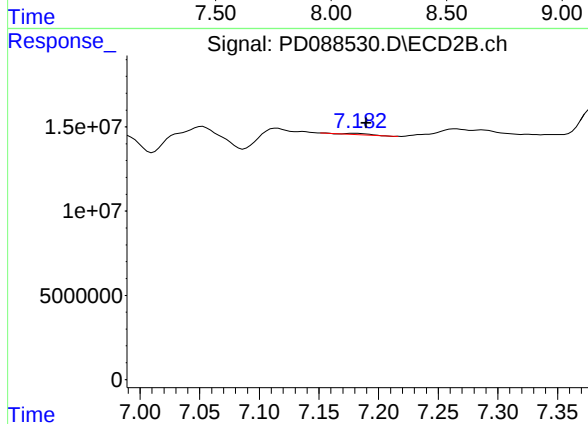
#19 Endosulfan Sulfate

R.T.: 6.500 min  
Delta R.T.: 0.014 min  
Response: 4543722  
Conc: 0.27 ng/ml



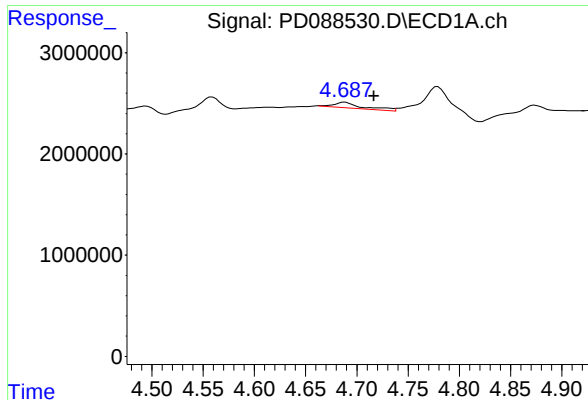
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.115 min  
Response: 0  
Conc: N.D.



#22 Mirex

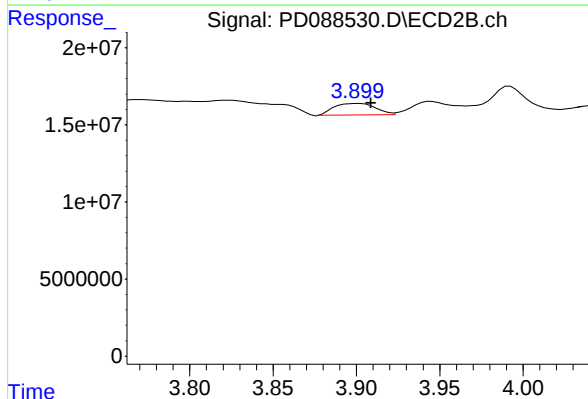
R.T.: 7.181 min  
Delta R.T.: -0.009 min  
Response: 980056  
Conc: 0.07 ng/ml



#23 Chlordane-1

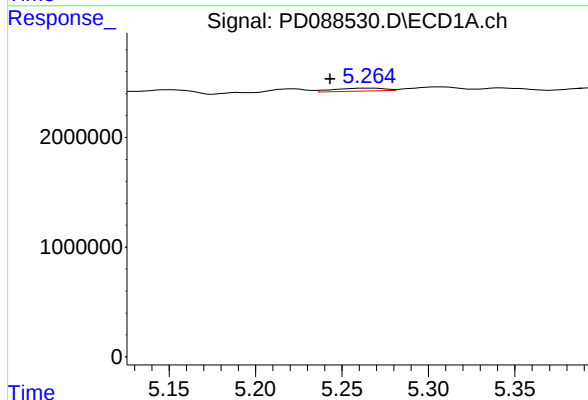
R.T.: 4.688 min  
Delta R.T.: -0.028 min  
Response: 1065994  
Conc: 6.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14



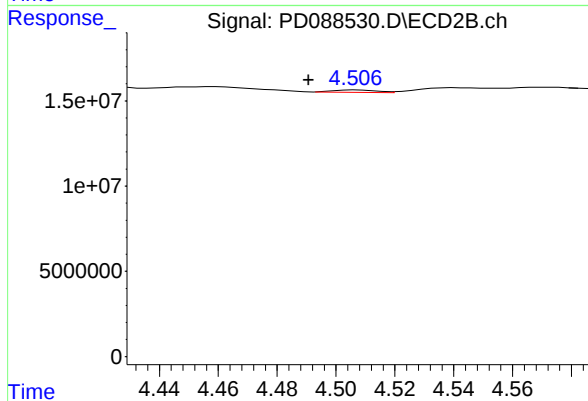
#23 Chlordane-1

R.T.: 3.901 min  
Delta R.T.: -0.007 min  
Response: 12991712  
Conc: 16.21 ng/ml



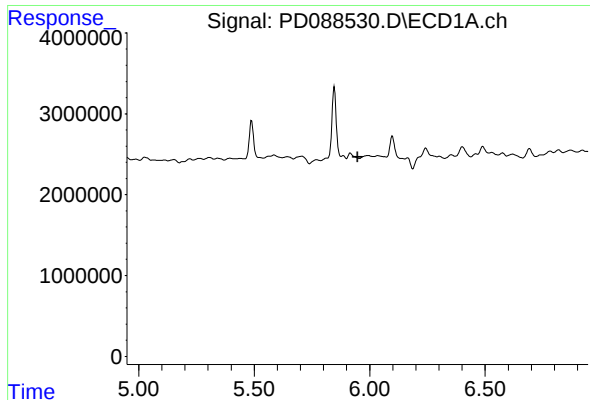
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: 0.020 min  
Response: 511739  
Conc: 3.07 ng/ml



#24 Chlordane-2

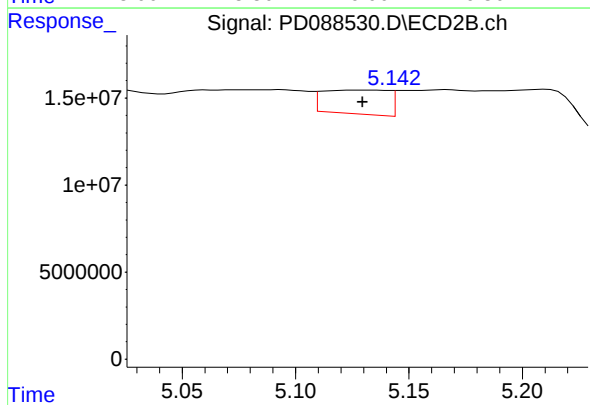
R.T.: 4.507 min  
Delta R.T.: 0.016 min  
Response: 1354522  
Conc: 1.64 ng/ml



#25 Chlordane-3

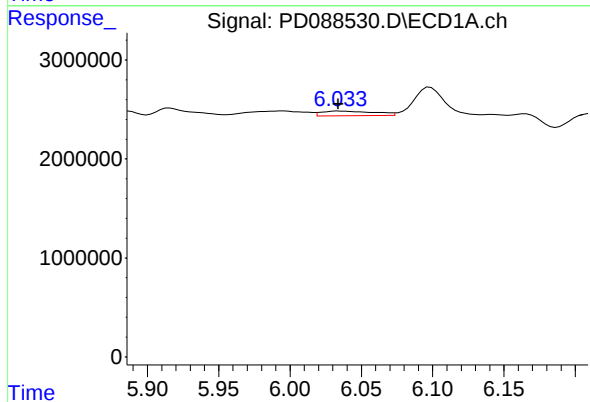
R.T.: 0.000 min  
Exp R.T.: 5.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14



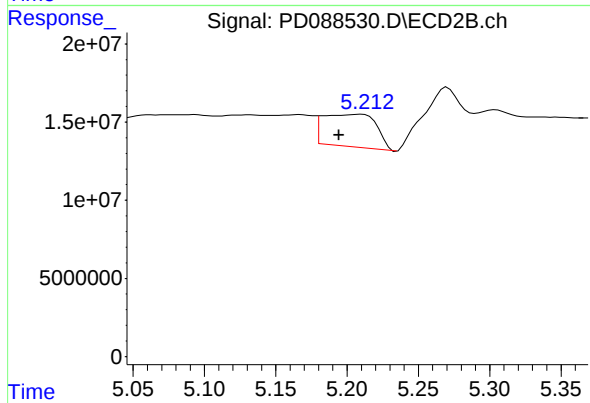
#25 Chlordane-3

R.T.: 5.132 min  
Delta R.T.: 0.002 min  
Response: 27483869  
Conc: 10.87 ng/ml



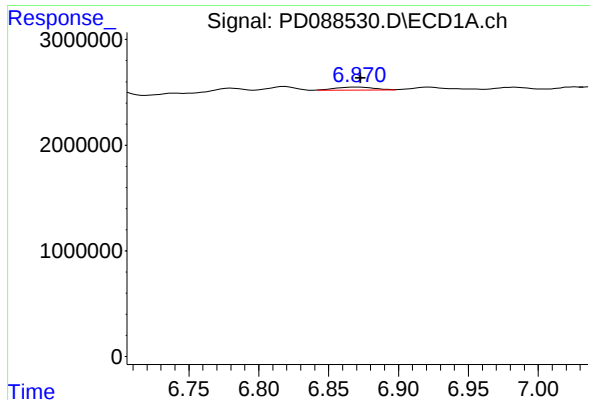
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: 0.001 min  
Response: 1213675  
Conc: 1.49 ng/ml



#26 Chlordane-4

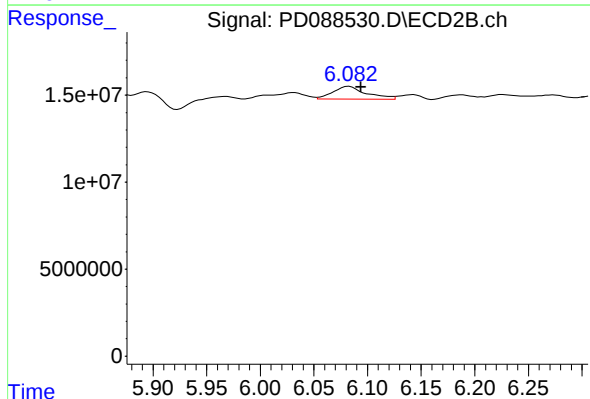
R.T.: 5.210 min  
Delta R.T.: 0.016 min  
Response: 53994979  
Conc: 25.25 ng/ml



#27 Chlordane-5

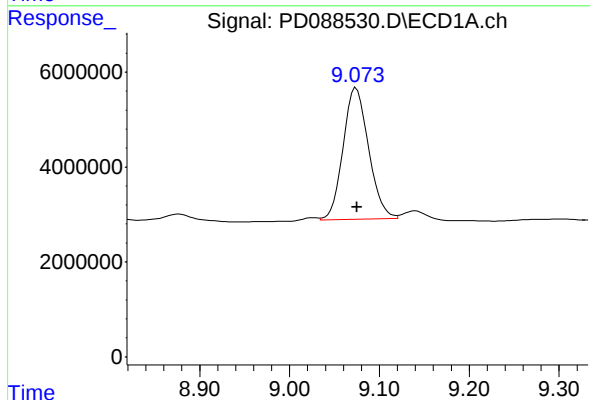
R.T.: 6.871 min  
Delta R.T.: -0.002 min  
Response: 522969  
Conc: 3.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-14



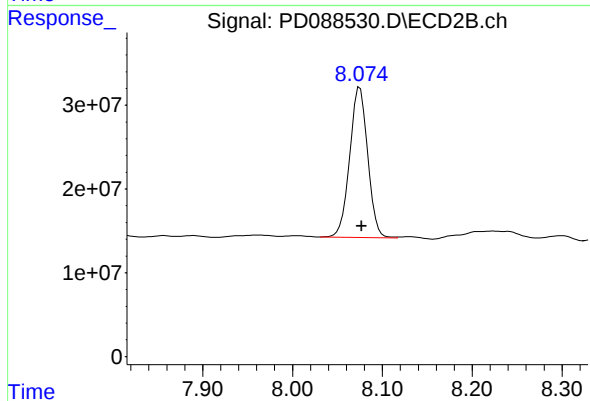
#27 Chlordane-5

R.T.: 6.083 min  
Delta R.T.: -0.011 min  
Response: 15858067  
Conc: 16.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.000 min  
Response: 54624644  
Conc: 16.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 249759550  
Conc: 13.52 ng/ml