

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061125\  
 Data File : PD088905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2025 09:01  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 07:38:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 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... | 3.549  | 2.879  | 115.8E6  | 829.2E6   | 53.541  | 54.813   |
| 28)                         | SA Decachlor... | 9.072  | 8.071  | 156.5E6  | 794.9E6   | 45.736  | 43.539   |
| Target Compounds            |                 |        |        |          |           |         |          |
| 2)                          | A alpha-BHC     | 4.022f | 3.385  | 6048727  | 3209816   | 1.266   | 0.134 #  |
| 3)                          | MA gamma-BHC... | 4.358f | 3.733  | 2552727  | 6982248   | 0.555   | 0.315 #  |
| 4)                          | MA Heptachlor   | 4.929  | 4.082  | 132.6E6  | 551.7E6   | 29.656  | 24.571   |
| 5)                          | MB Aldrin       | 5.305f | 4.382  | 4471127  | 47729949  | 1.017   | 2.176 #  |
| 6)                          | B beta-BHC      | 4.517  | 4.033  | 242285   | 2251252   | 0.134   | 0.231 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.262  | 0        | 56563863  | N.D.    | 2.537 #  |
| 8)                          | B Heptachlo...  | 5.671f | 0.000  | 58411062 | 0         | 14.716  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.230f | 0        | 110.8E6   | N.D.    | 5.836 #  |
| 10)                         | B gamma-Chl...  | 5.946  | 5.125  | 365.8E6  | 1182.3E6  | 91.713  | 55.425 # |
| 11)                         | B alpha-Chl...  | 6.031  | 5.189  | 440.9E6  | 1002.9E6  | 110.061 | 48.627 # |
| 12)                         | B 4,4'-DDE      | 6.182f | 5.372  | 2620957  | 6578756   | 0.730   | 0.315 #  |
| 13)                         | MA Dieldrin     | 6.353  | 5.536f | 14323807 | 13752317  | 3.570   | 0.654 #  |
| 14)                         | MA Endrin       | 6.600f | 5.790  | 2755617  | 112.5E6   | 0.807   | 5.832 #  |
| 15)                         | B Endosulfa...  | 6.786  | 6.089  | 8161094  | 457.3E6   | 2.370   | 24.958 # |
| 16)                         | A 4,4'-DDD      | 6.727f | 5.921  | 16385026 | -18449069 | 5.883   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.991f | 6.181  | 4207930  | 8156537   | 1.348   | 0.450 #  |
| 18)                         | B Endrin al...  | 6.926  | 6.266  | 5709415  | 7185918   | 2.218   | 0.516 #  |
| 19)                         | B Endosulfa...  | 7.149  | 6.486  | 930201   | 18644097  | 0.290   | 1.050 #  |
| 20)                         | A Methoxychlor  | 7.487  | 6.761  | 1737930  | 4191805   | 1.040   | 0.438 #  |
| 21)                         | B Endrin ke...  | 7.627  | 6.970f | 77299    | 6861117   | 0.023   | 0.355 #  |
| 22)                         | Mirex           | 8.117  | 7.191  | 451079   | 1991326   | 0.174   | 0.131    |
| 23)                         | Chlordane-1     | 4.715  | 3.904  | 74318569 | 376.5E6   | 412.410 | 455.600  |
| 24)                         | Chlordane-2     | 5.241  | 4.486  | 91487481 | 385.7E6   | 498.555 | 457.016  |
| 25)                         | Chlordane-3     | 5.946  | 5.125  | 365.8E6  | 1182.3E6  | 494.443 | 448.392  |
| 26)                         | Chlordane-4     | 6.031  | 5.189  | 440.9E6  | 1002.9E6  | 492.012 | 453.300  |
| 27)                         | Chlordane-5     | 6.871  | 6.089  | 73301524 | 457.3E6   | 481.812 | 456.884  |
| -----                       |                 |        |        |          |           |         |          |

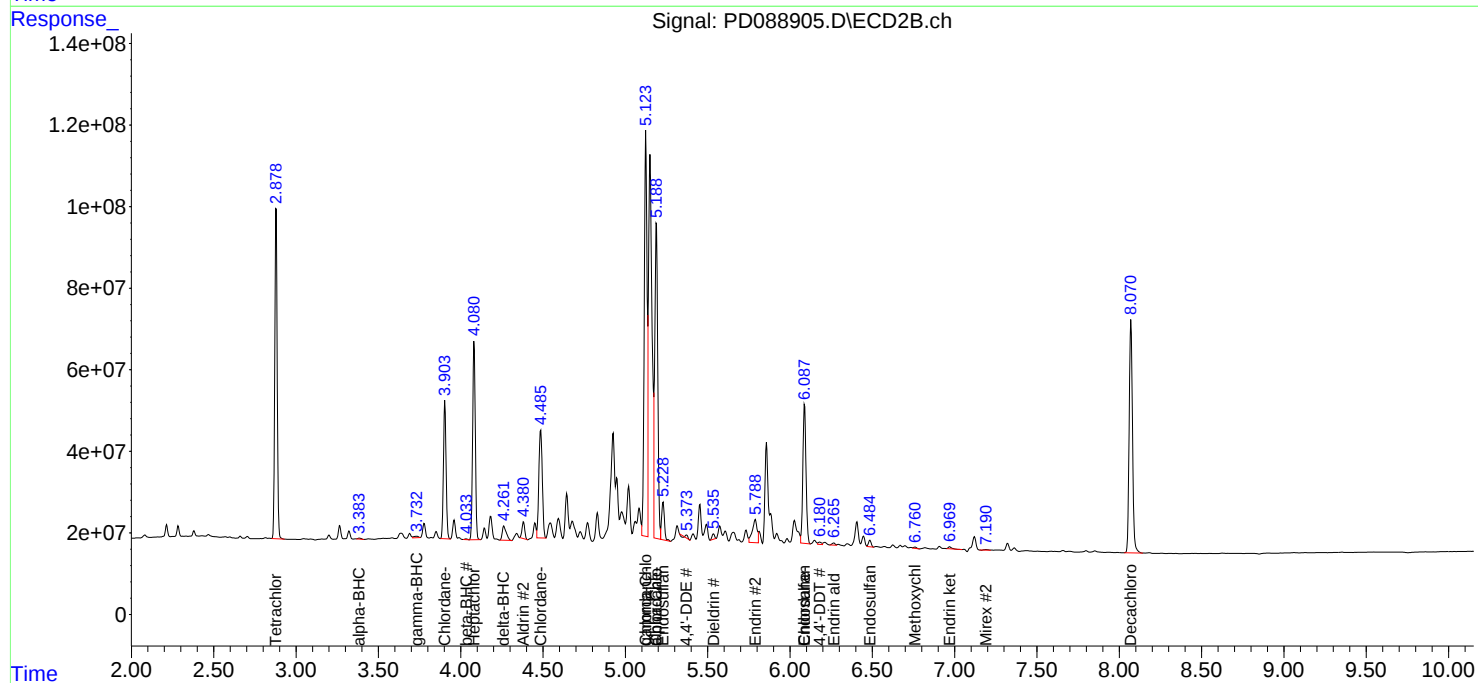
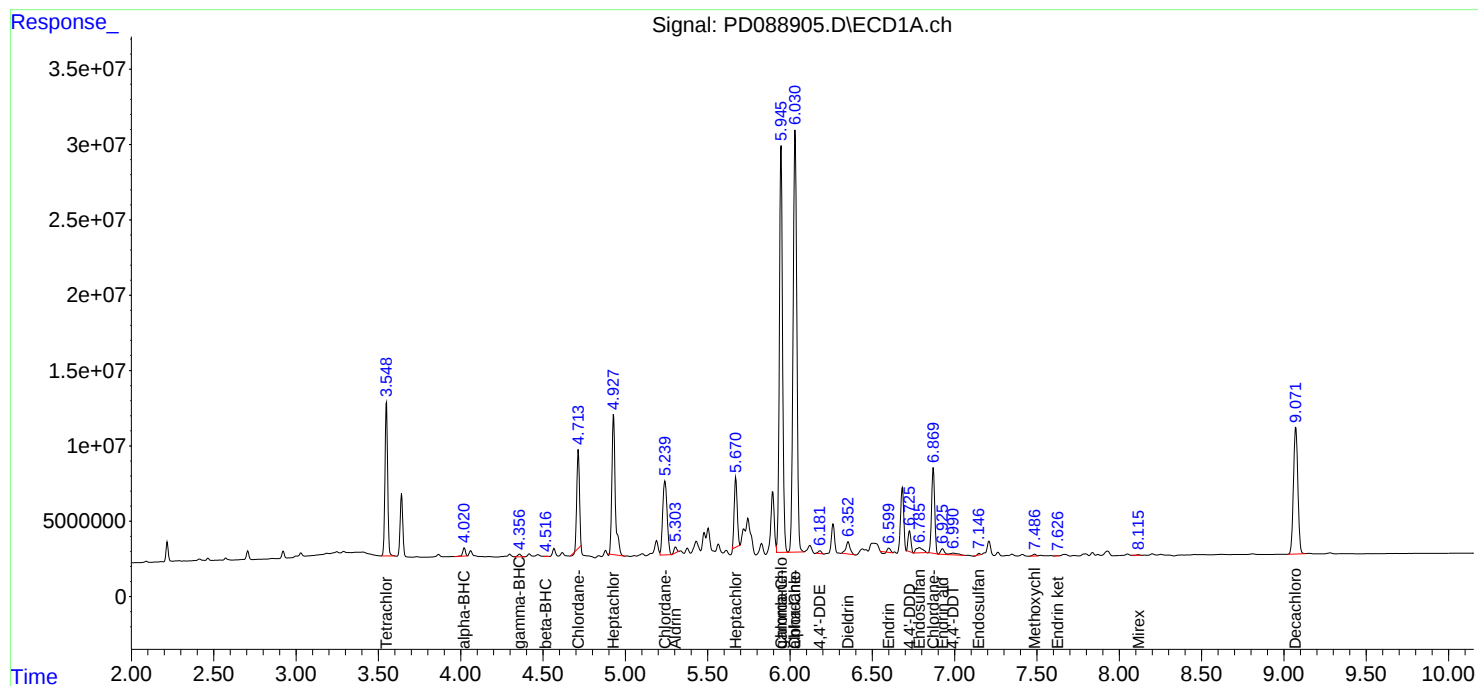
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

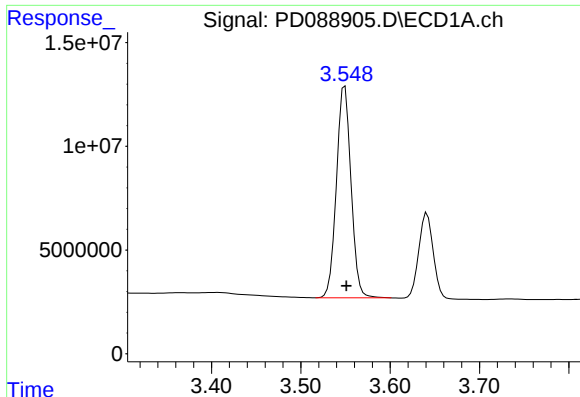
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061125\  
Data File : PD088905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2025 09:01  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 07:38:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 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

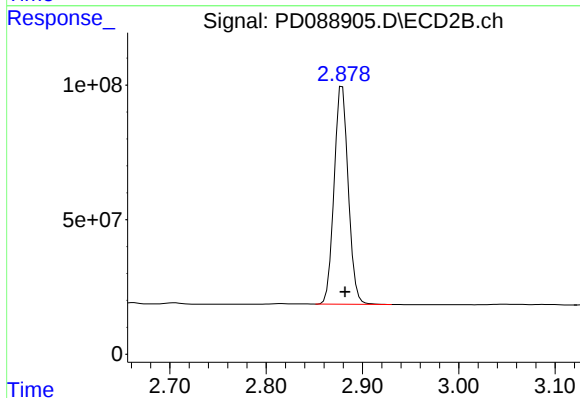




#1 Tetrachloro-m-xylene

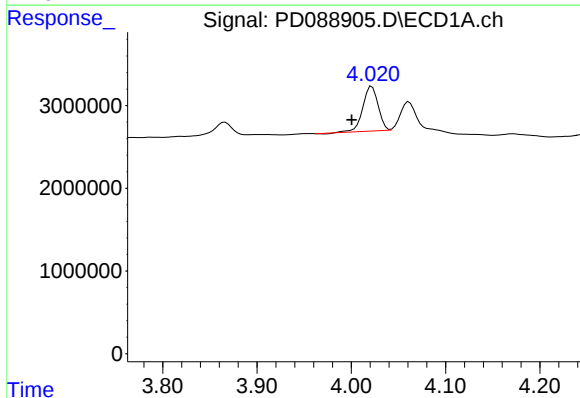
R.T.: 3.549 min  
Delta R.T.: -0.002 min  
Response: 115849626  
Conc: 53.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



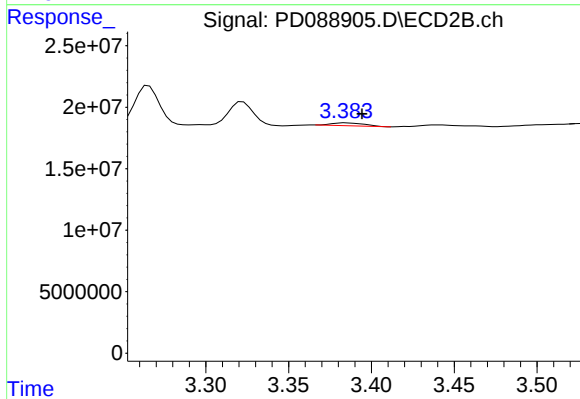
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.003 min  
Response: 829154726  
Conc: 54.81 ng/ml



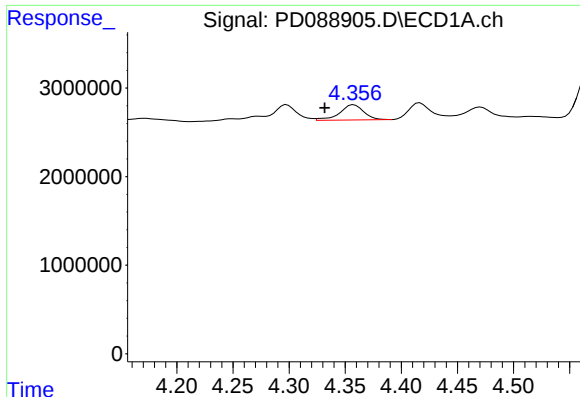
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.021 min  
Response: 6048727  
Conc: 1.27 ng/ml



#2 alpha-BHC

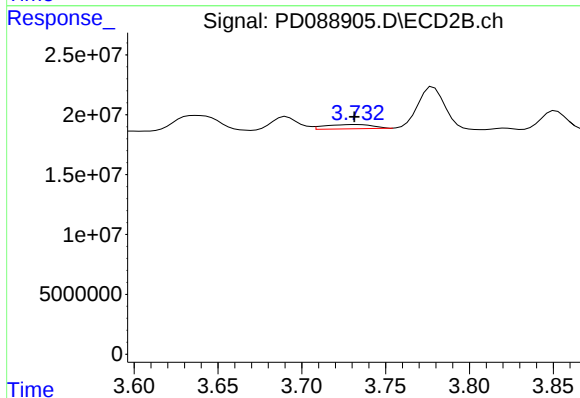
R.T.: 3.385 min  
Delta R.T.: -0.010 min  
Response: 3209816  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

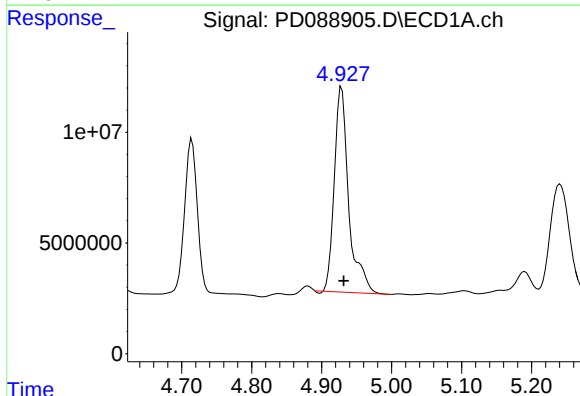
R.T.: 4.358 min  
Delta R.T.: 0.026 min  
Response: 2552727  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



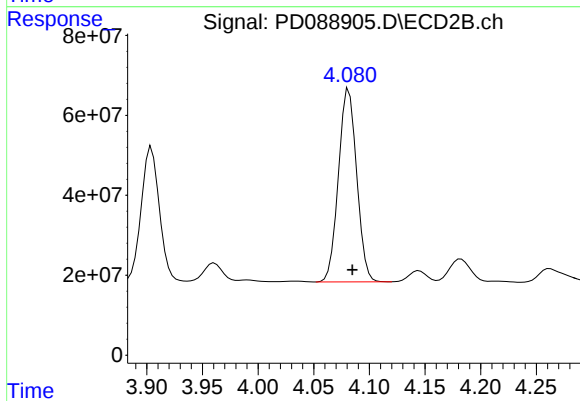
#3 gamma-BHC (Lindane)

R.T.: 3.733 min  
Delta R.T.: 0.002 min  
Response: 6982248  
Conc: 0.32 ng/ml



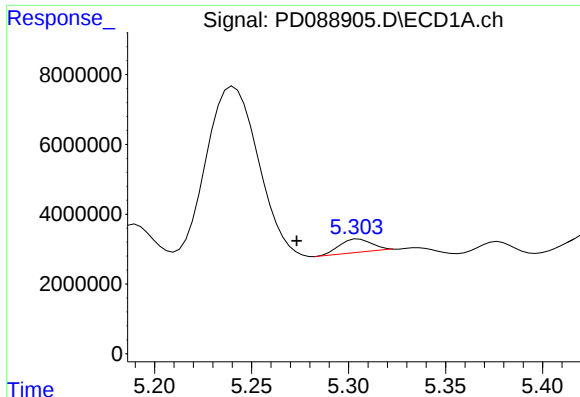
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.003 min  
Response: 132599207  
Conc: 29.66 ng/ml



#4 Heptachlor

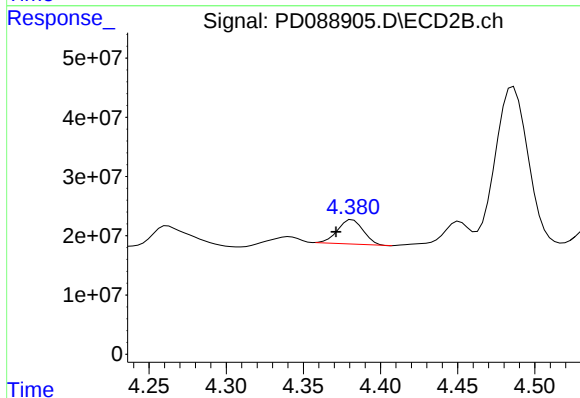
R.T.: 4.082 min  
Delta R.T.: -0.003 min  
Response: 551741609  
Conc: 24.57 ng/ml



#5 Aldrin

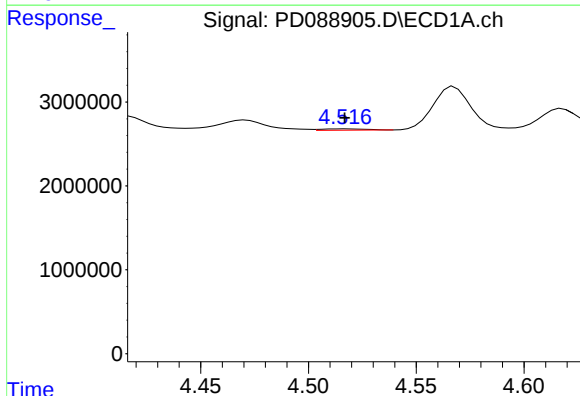
R.T.: 5.305 min  
Delta R.T.: 0.032 min  
Response: 4471127  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



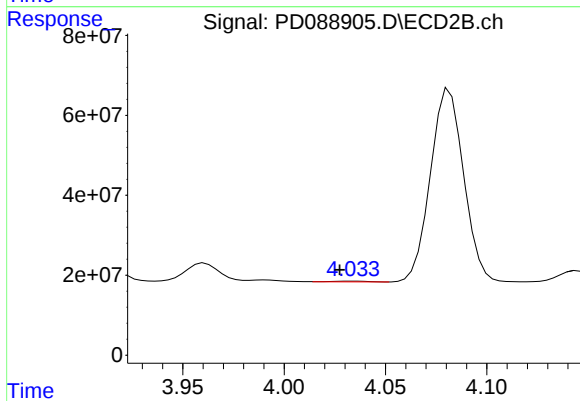
#5 Aldrin

R.T.: 4.382 min  
Delta R.T.: 0.011 min  
Response: 47729949  
Conc: 2.18 ng/ml



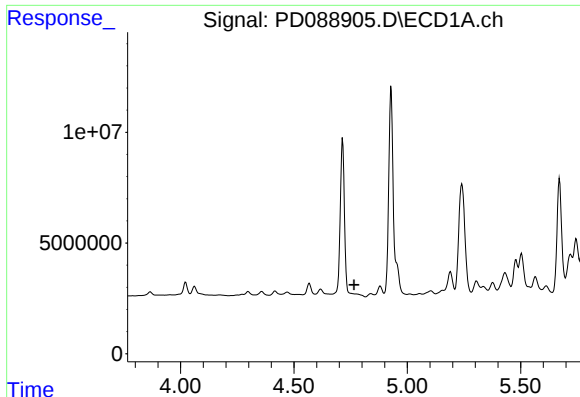
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 242285  
Conc: 0.13 ng/ml



#6 beta-BHC

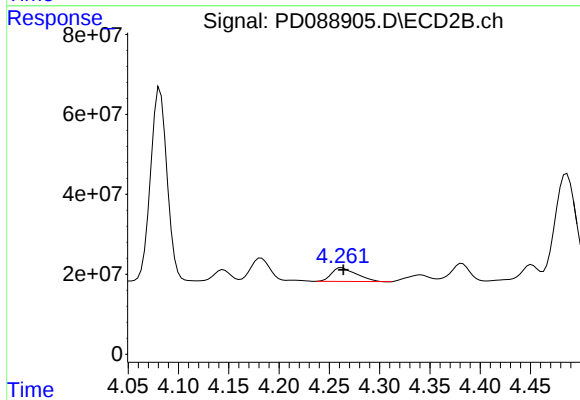
R.T.: 4.033 min  
Delta R.T.: 0.006 min  
Response: 2251252  
Conc: 0.23 ng/ml



#7 delta-BHC

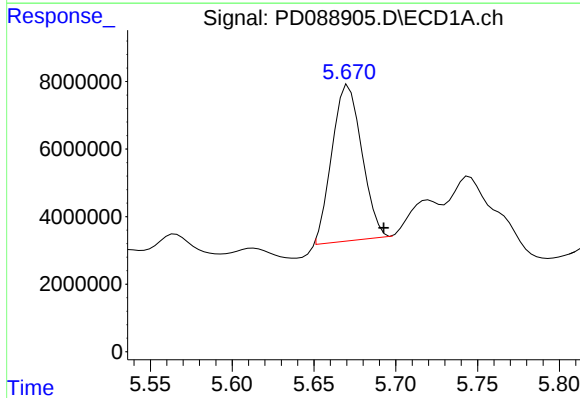
R.T.: 0.000 min  
Exp R.T.: 4.766 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



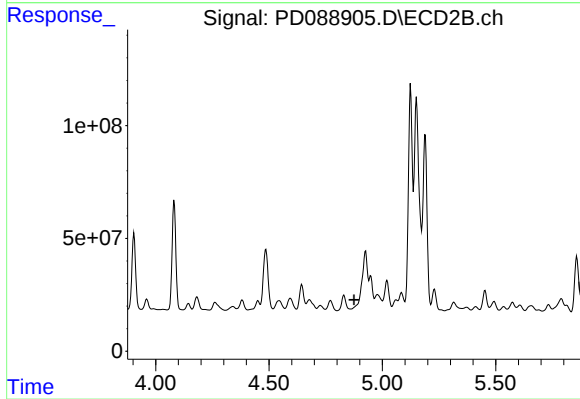
#7 delta-BHC

R.T.: 4.262 min  
Delta R.T.: -0.002 min  
Response: 56563863  
Conc: 2.54 ng/ml



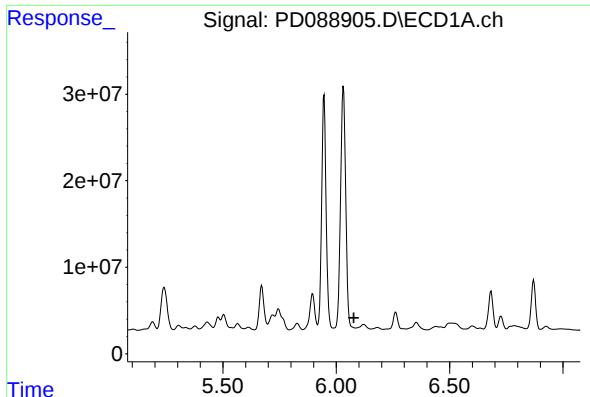
#8 Heptachlor epoxide

R.T.: 5.671 min  
Delta R.T.: -0.022 min  
Response: 58411062  
Conc: 14.72 ng/ml



#8 Heptachlor epoxide

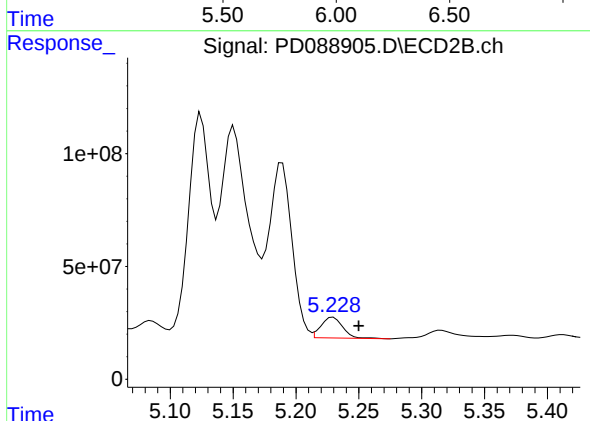
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

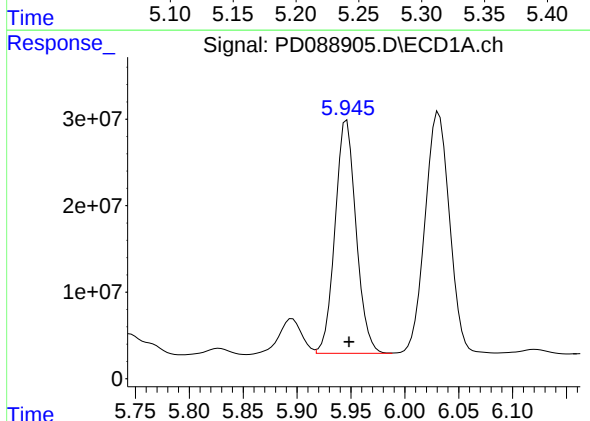
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



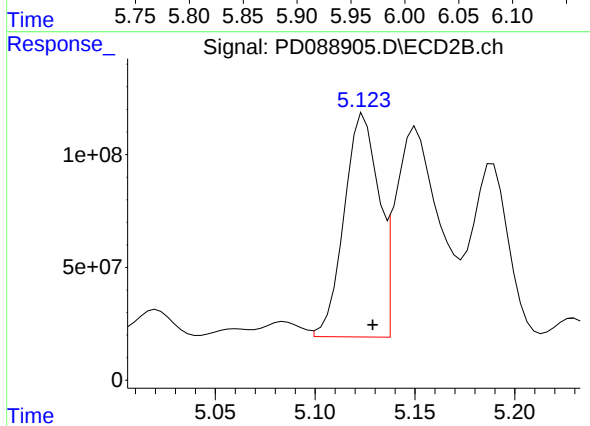
#9 Endosulfan I

R.T.: 5.230 min  
Delta R.T.: -0.020 min  
Response: 110764851  
Conc: 5.84 ng/ml



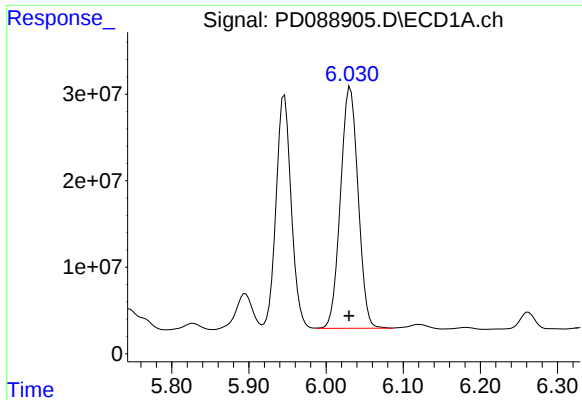
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 365840122  
Conc: 91.71 ng/ml



#10 gamma-Chlordane

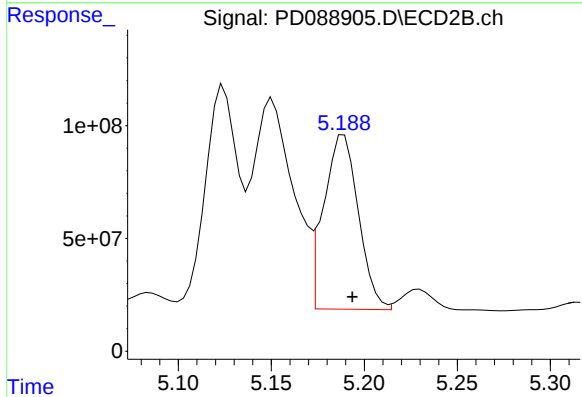
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1182333060  
Conc: 55.43 ng/ml



#11 alpha-Chlordane

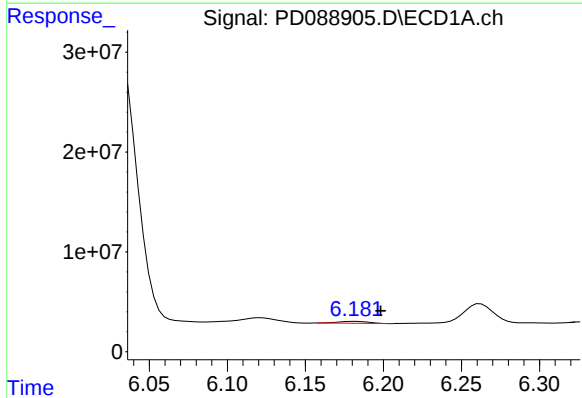
R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 440932817  
Conc: 110.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



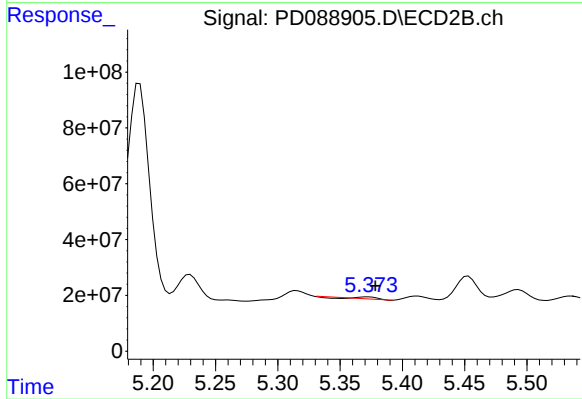
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.005 min  
Response: 1002923590  
Conc: 48.63 ng/ml



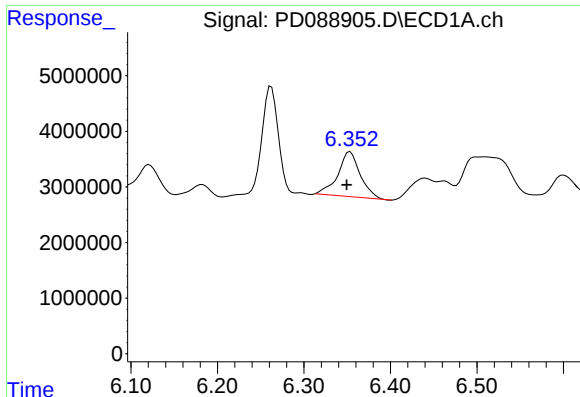
#12 4,4'-DDE

R.T.: 6.182 min  
Delta R.T.: -0.016 min  
Response: 2620957  
Conc: 0.73 ng/ml



#12 4,4'-DDE

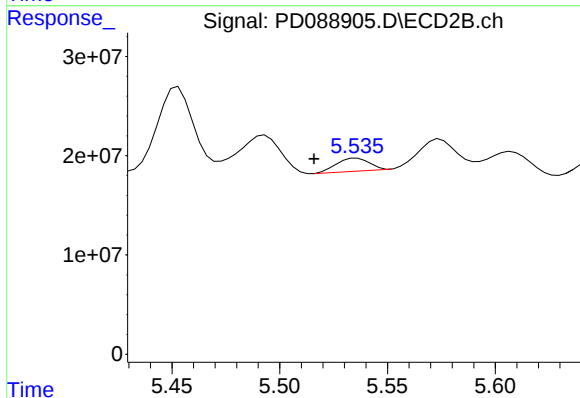
R.T.: 5.372 min  
Delta R.T.: -0.006 min  
Response: 6578756  
Conc: 0.31 ng/ml



#13 Dieldrin

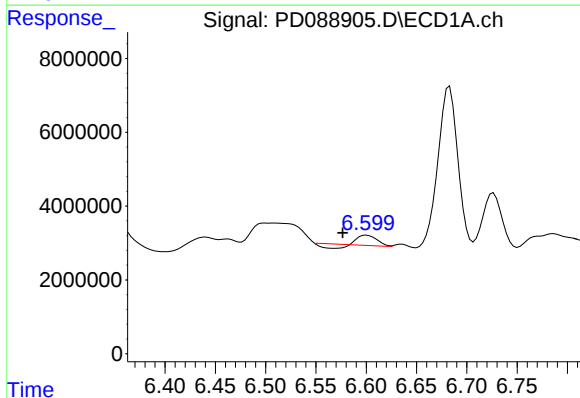
R.T.: 6.353 min  
Delta R.T.: 0.004 min  
Response: 14323807  
Conc: 3.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



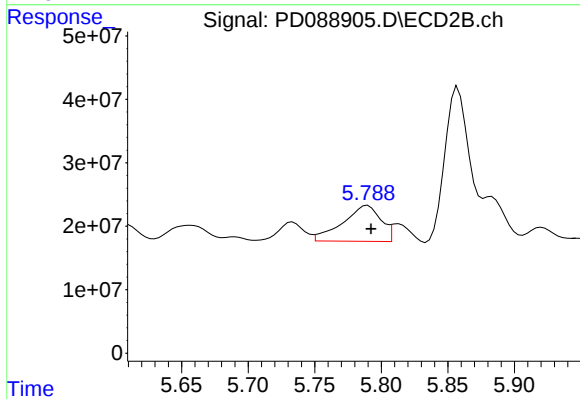
#13 Dieldrin

R.T.: 5.536 min  
Delta R.T.: 0.020 min  
Response: 13752317  
Conc: 0.65 ng/ml



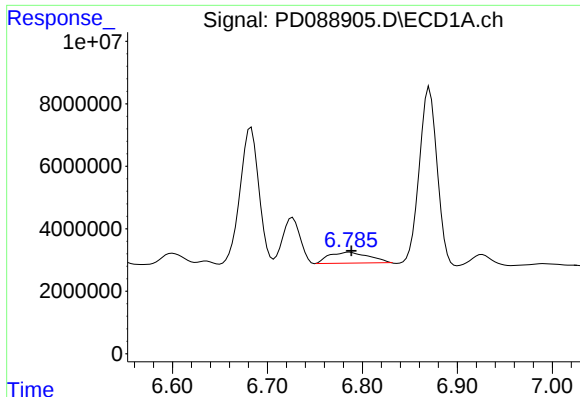
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.024 min  
Response: 2755617  
Conc: 0.81 ng/ml



#14 Endrin

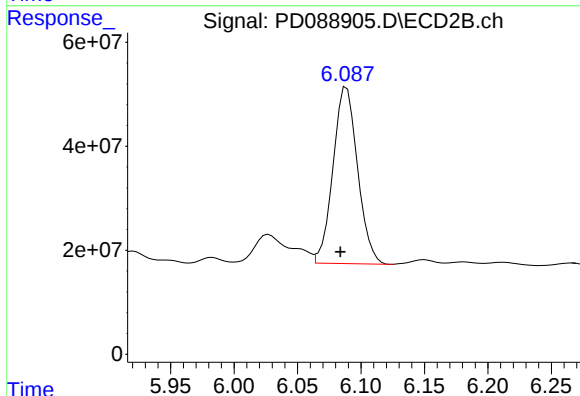
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 112470617  
Conc: 5.83 ng/ml



#15 Endosulfan II

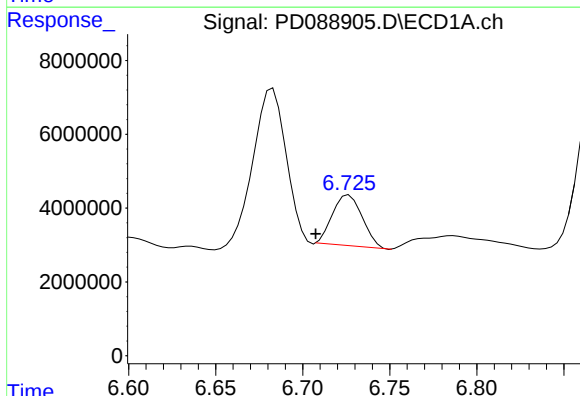
R.T.: 6.786 min  
Delta R.T.: -0.002 min  
Response: 8161094  
Conc: 2.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



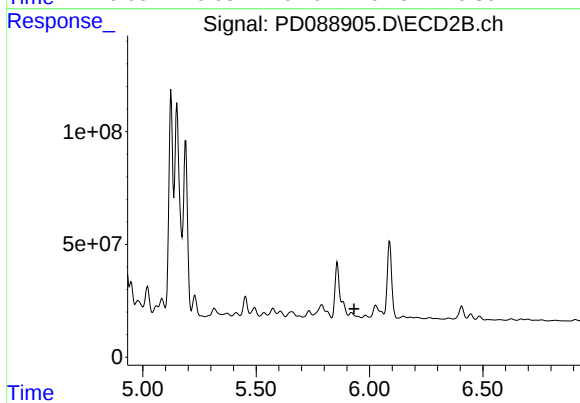
#15 Endosulfan II

R.T.: 6.089 min  
Delta R.T.: 0.005 min  
Response: 457274466  
Conc: 24.96 ng/ml



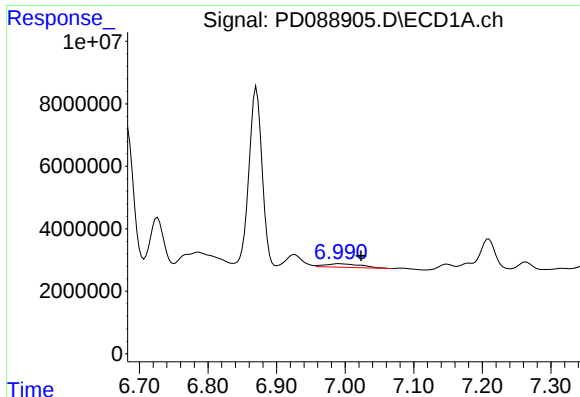
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: 0.019 min  
Response: 16385026  
Conc: 5.88 ng/ml



#16 4,4'-DDD

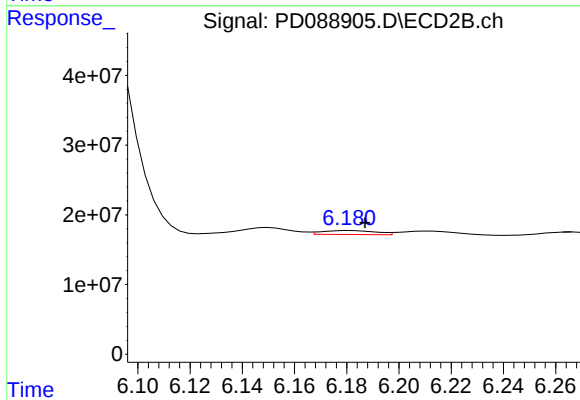
R.T.: 5.921 min  
Delta R.T.: -0.012 min  
Response: -18449069  
Conc: N.D.



#17 4,4'-DDT

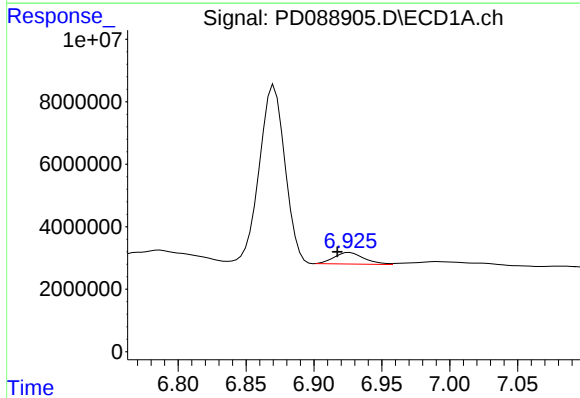
R.T.: 6.991 min  
Delta R.T.: -0.032 min  
Response: 4207930  
Conc: 1.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



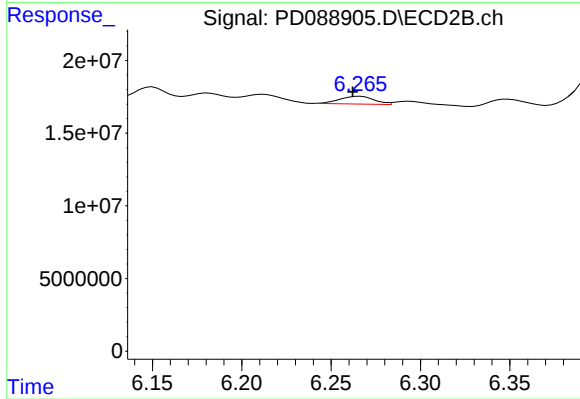
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.006 min  
Response: 8156537  
Conc: 0.45 ng/ml



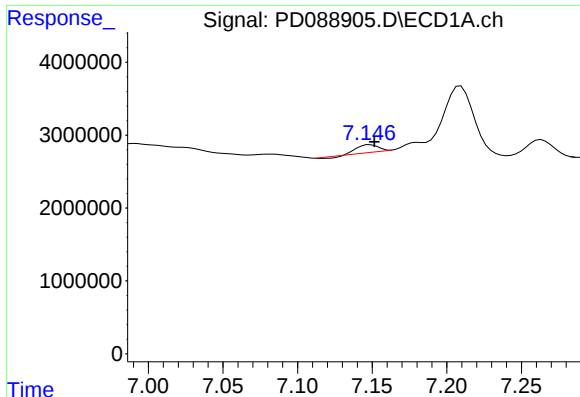
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.009 min  
Response: 5709415  
Conc: 2.22 ng/ml



#18 Endrin aldehyde

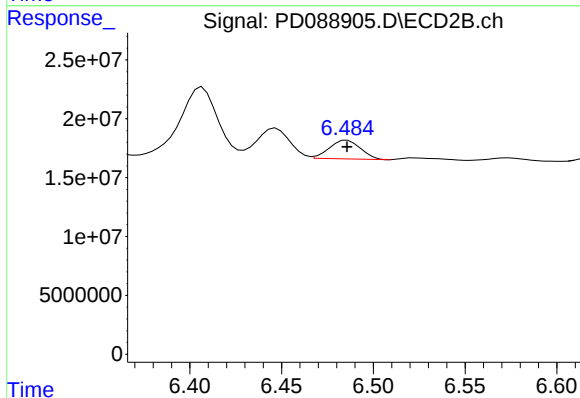
R.T.: 6.266 min  
Delta R.T.: 0.004 min  
Response: 7185918  
Conc: 0.52 ng/ml



#19 Endosulfan Sulfate

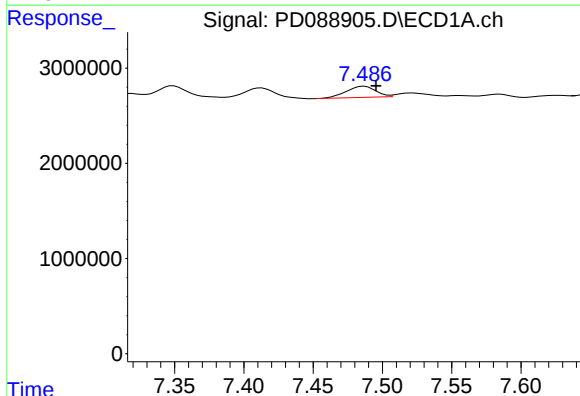
R.T.: 7.149 min  
Delta R.T.: -0.003 min  
Response: 930201  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



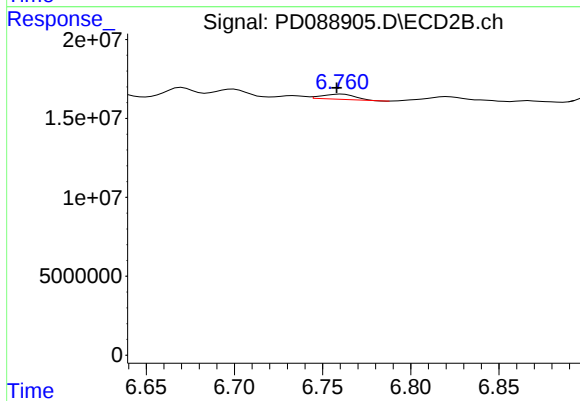
#19 Endosulfan Sulfate

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 18644097  
Conc: 1.05 ng/ml



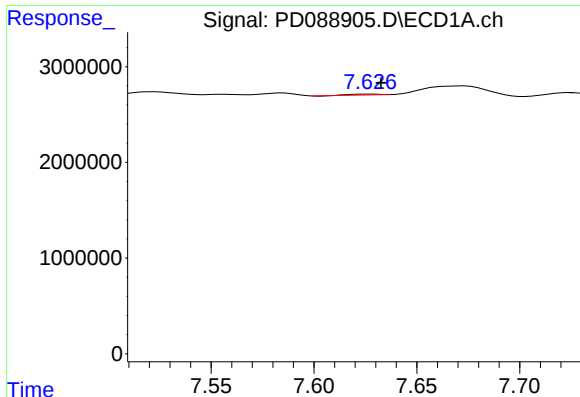
#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: -0.008 min  
Response: 1737930  
Conc: 1.04 ng/ml



#20 Methoxychlor

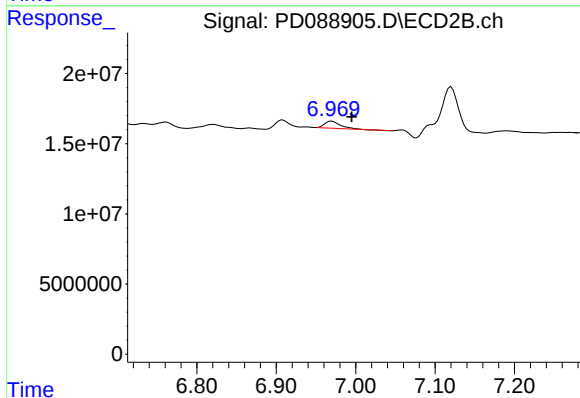
R.T.: 6.761 min  
Delta R.T.: 0.003 min  
Response: 4191805  
Conc: 0.44 ng/ml



#21 Endrin ketone

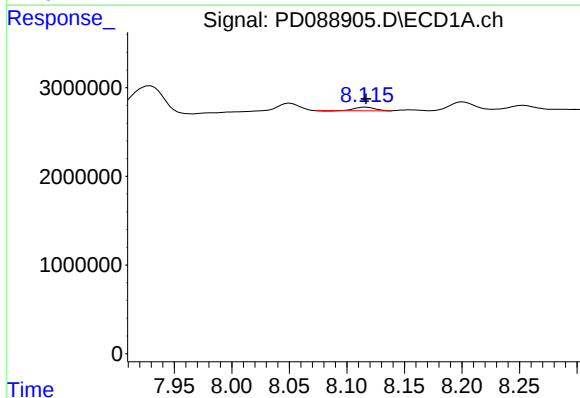
R.T.: 7.627 min  
Delta R.T.: -0.006 min  
Response: 77299  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



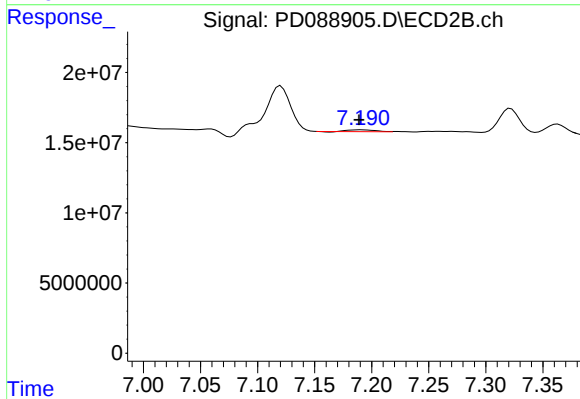
#21 Endrin ketone

R.T.: 6.970 min  
Delta R.T.: -0.025 min  
Response: 6861117  
Conc: 0.35 ng/ml



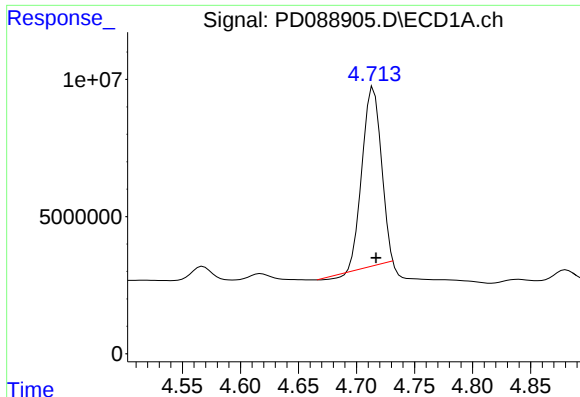
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 451079  
Conc: 0.17 ng/ml



#22 Mirex

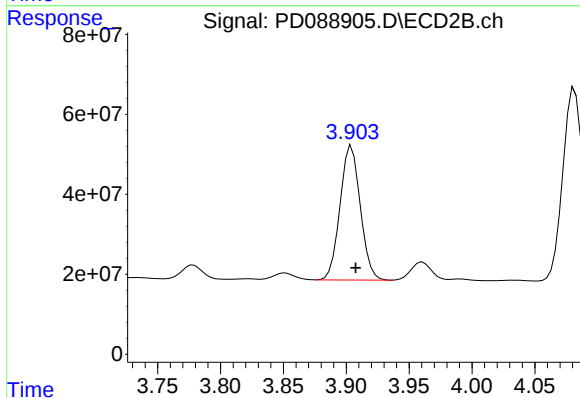
R.T.: 7.191 min  
Delta R.T.: 0.002 min  
Response: 1991326  
Conc: 0.13 ng/ml



#23 Chlordane-1

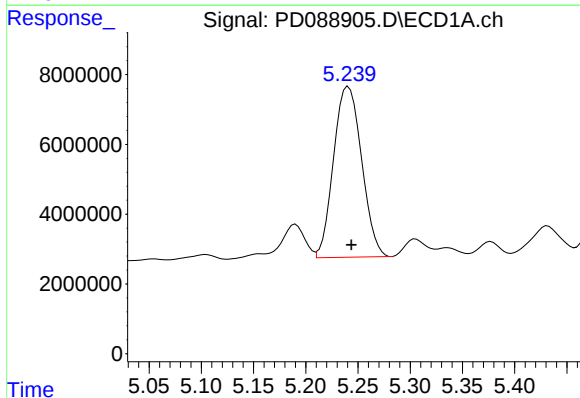
R.T.: 4.715 min  
Delta R.T.: -0.002 min  
Response: 74318569  
Conc: 412.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



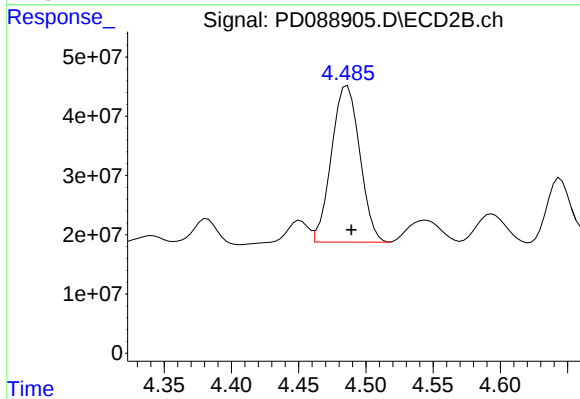
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: -0.003 min  
Response: 376478348  
Conc: 455.60 ng/ml



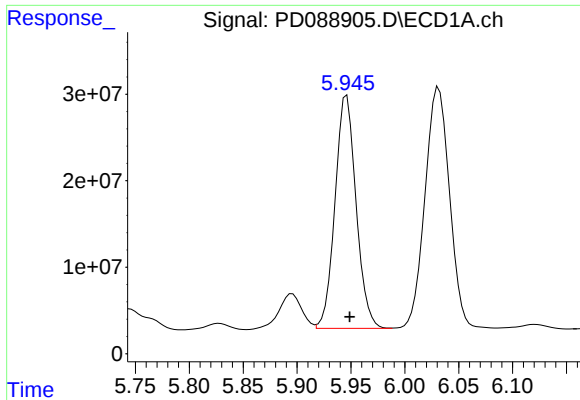
#24 Chlordane-2

R.T.: 5.241 min  
Delta R.T.: -0.003 min  
Response: 91487481  
Conc: 498.55 ng/ml



#24 Chlordane-2

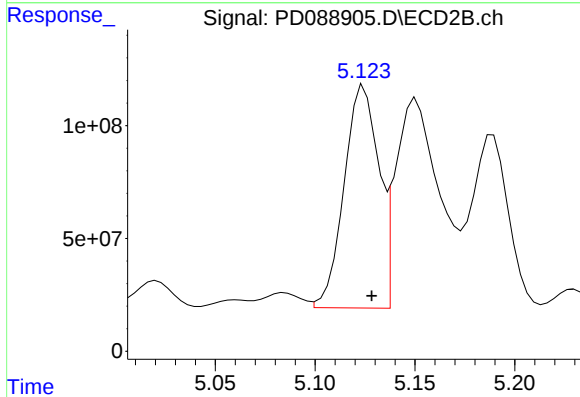
R.T.: 4.486 min  
Delta R.T.: -0.003 min  
Response: 385723603  
Conc: 457.02 ng/ml



#25 Chlordane-3

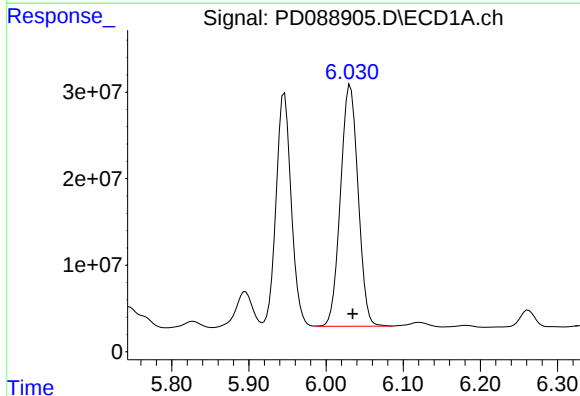
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 365840122  
Conc: 494.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



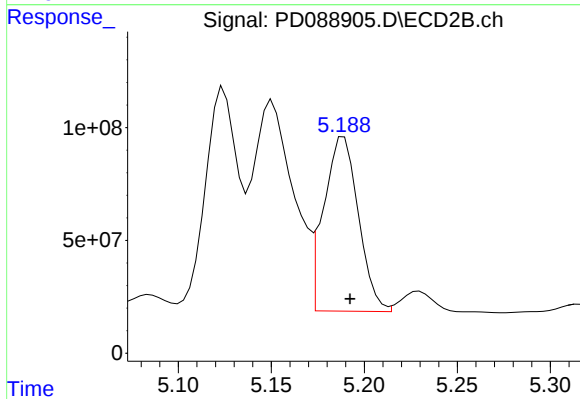
#25 Chlordane-3

R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1182333060  
Conc: 448.39 ng/ml



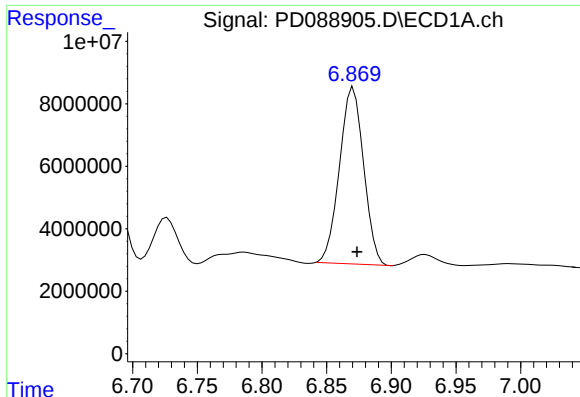
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 440932817  
Conc: 492.01 ng/ml



#26 Chlordane-4

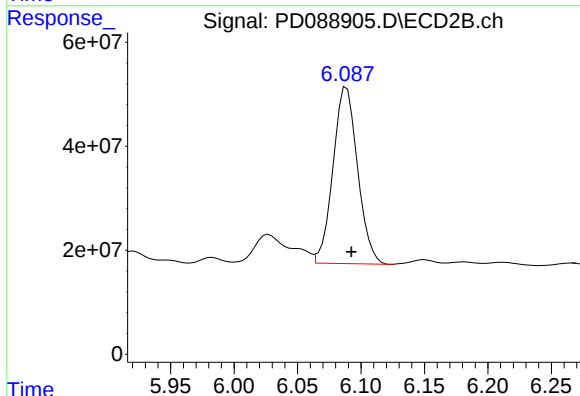
R.T.: 5.189 min  
Delta R.T.: -0.003 min  
Response: 1002923590  
Conc: 453.30 ng/ml



#27 Chlordane-5

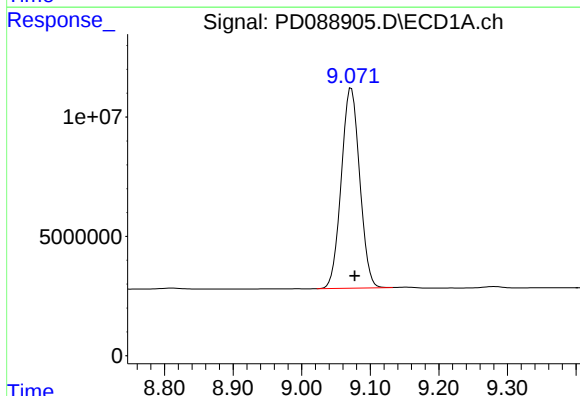
R.T.: 6.871 min  
Delta R.T.: -0.003 min  
Response: 73301524  
Conc: 481.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



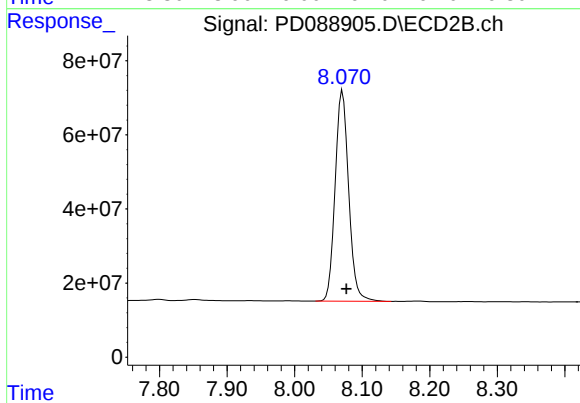
#27 Chlordane-5

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 457274466  
Conc: 456.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: -0.005 min  
Response: 156524324  
Conc: 45.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.006 min  
Response: 794859436  
Conc: 43.54 ng/ml