

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020625\  
 Data File : PD087766.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Feb 2025 16:13  
 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: Feb 07 04:27:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 22 14:33:08 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... | 3.556  | 2.881  | 92240926 | 657.4E6   | 46.298  | 54.662   |
| 28)                         | SA Decachlor... | 9.086  | 8.083  | 131.7E6  | 649.1E6   | 43.169  | 45.933   |
| Target Compounds            |                 |        |        |          |           |         |          |
| 2)                          | A alpha-BHC     | 4.029f | 3.388  | 4269647  | 2270029   | 1.061   | 0.121 #  |
| 3)                          | MA gamma-BHC... | 4.363f | 3.739  | 730849   | 2281108   | 0.184   | 0.128 #  |
| 4)                          | MA Heptachlor   | 4.937  | 4.087  | 92383922 | 392.5E6   | 24.782  | 22.653   |
| 5)                          | MB Aldrin       | 5.249f | 4.388  | 62374621 | 42048857  | 16.296  | 2.407 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.041  | 0        | 2401410   | N.D.    | 0.315 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.268  | 0        | 42383346  | N.D.    | 2.342 #  |
| 8)                          | B Heptachlo...  | 5.679f | 0.000  | 42066662 | 0         | 12.309  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.237  | 0        | 86331868  | N.D.    | 5.793 #  |
| 10)                         | B gamma-Chl...  | 5.955  | 5.132  | 234.6E6  | 838.9E6   | 70.968  | 51.580 # |
| 11)                         | B alpha-Chl...  | 6.040  | 5.196  | 281.8E6  | 703.5E6   | 84.593  | 44.097 # |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.380  | -172290  | 16154146  | N.D.    | 1.027    |
| 13)                         | MA Dieldrin     | 6.363  | 5.500f | 10338687 | 23320673  | 3.061   | 1.432 #  |
| 14)                         | MA Endrin       | 6.609f | 5.798  | 466069   | 76768905  | 0.161   | 5.155 #  |
| 15)                         | B Endosulfa...  | 6.798  | 6.097  | 3984904  | 310.5E6   | 1.388   | 21.752 # |
| 16)                         | A 4,4'-DDD      | 6.692f | 5.929  | 33644532 | -27683555 | 13.979  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.999f | 6.190  | 2603234  | 5061779   | 1.011   | 0.376 #  |
| 18)                         | B Endrin al...  | 6.936f | 6.273  | 3683759  | 5376822   | 1.590   | 0.461 #  |
| 19)                         | B Endosulfa...  | 7.159  | 6.494  | 45137    | 12215739  | 0.016   | 0.859 #  |
| 20)                         | A Methoxychlor  | 7.497  | 6.769  | 1016105  | 2558938   | 0.692   | 0.335 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.979f | 0        | 8831255   | N.D.    | 0.566 #  |
| 22)                         | Mirex           | 8.128  | 7.198  | 381455   | -1189531  | 0.165   | N.D. #   |
| 23)                         | Chlordane-1     | 4.722  | 3.909  | 62472491 | 270.2E6   | 488.589 | 485.732  |
| 24)                         | Chlordane-2     | 5.249  | 4.492  | 62374621 | 285.3E6   | 459.754 | 482.785  |
| 25)                         | Chlordane-3     | 5.955  | 5.132  | 234.6E6  | 838.9E6   | 466.570 | 480.646  |
| 26)                         | Chlordane-4     | 6.040  | 5.196  | 281.8E6  | 703.5E6   | 463.612 | 476.817  |
| 27)                         | Chlordane-5     | 6.880  | 6.097  | 47366682 | 310.5E6   | 443.676 | 474.270  |
| -----                       |                 |        |        |          |           |         |          |

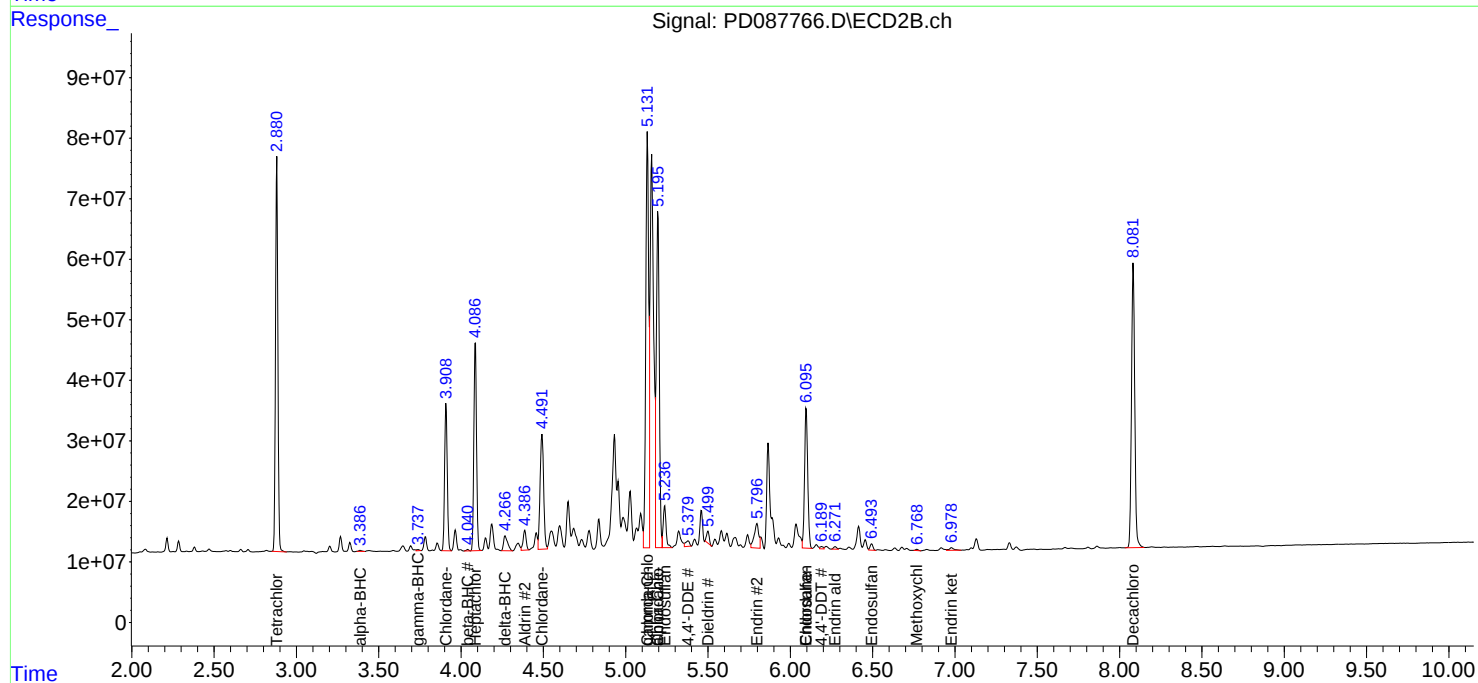
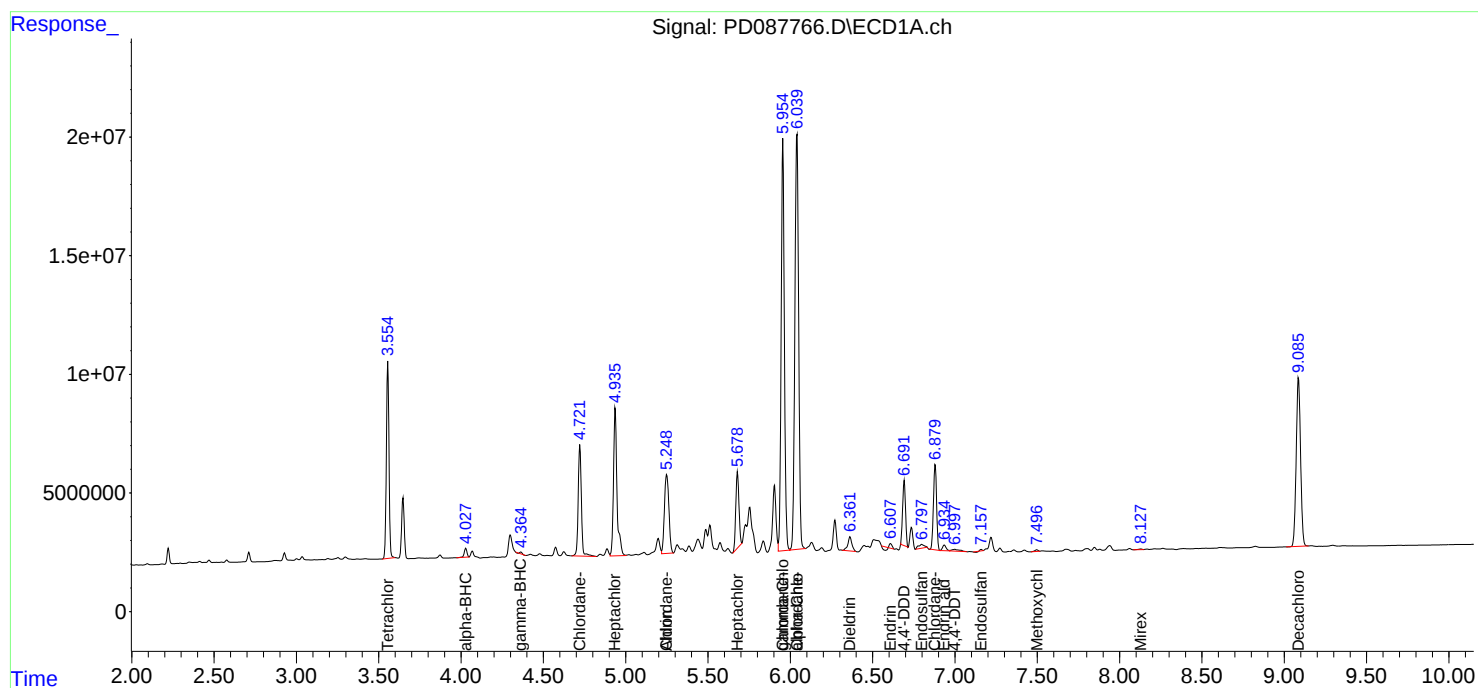
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

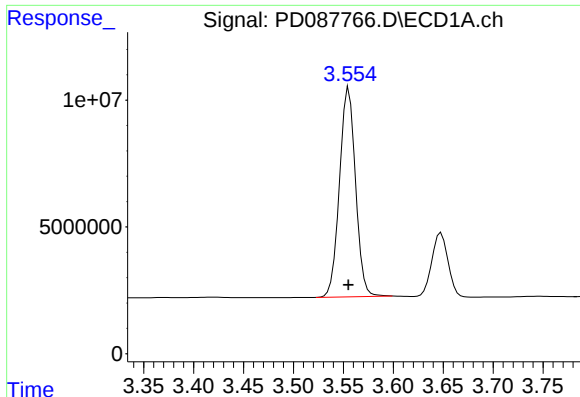
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020625\  
Data File : PD087766.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Feb 2025 16:13  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 04:27:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012325.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 22 14:33:08 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

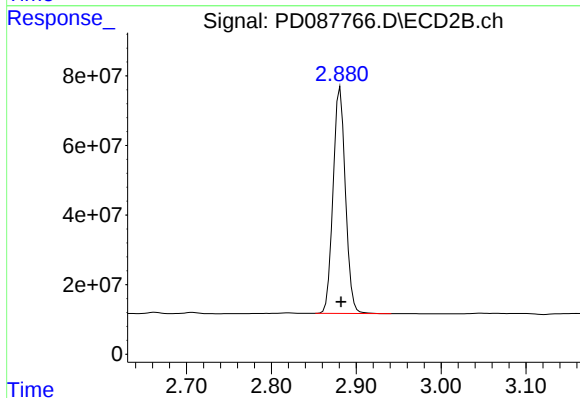




#1 Tetrachloro-m-xylene

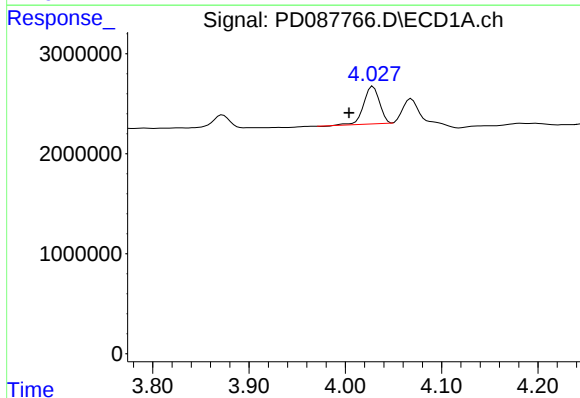
R.T.: 3.556 min  
Delta R.T.: 0.000 min  
Response: 92240926  
Conc: 46.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



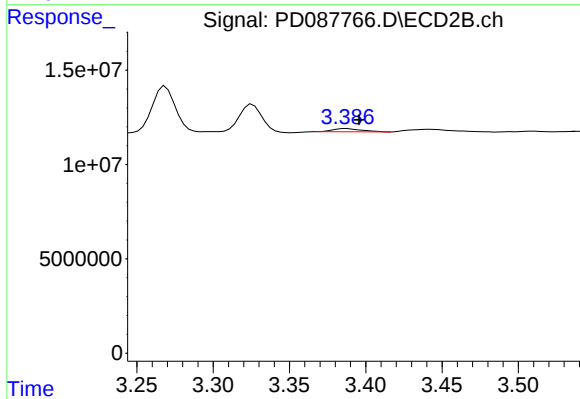
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 657407003  
Conc: 54.66 ng/ml



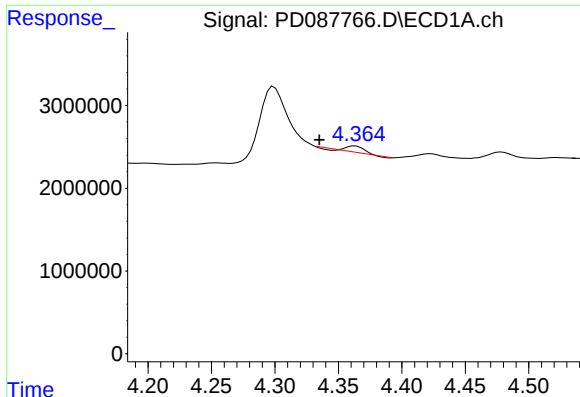
#2 alpha-BHC

R.T.: 4.029 min  
Delta R.T.: 0.025 min  
Response: 4269647  
Conc: 1.06 ng/ml



#2 alpha-BHC

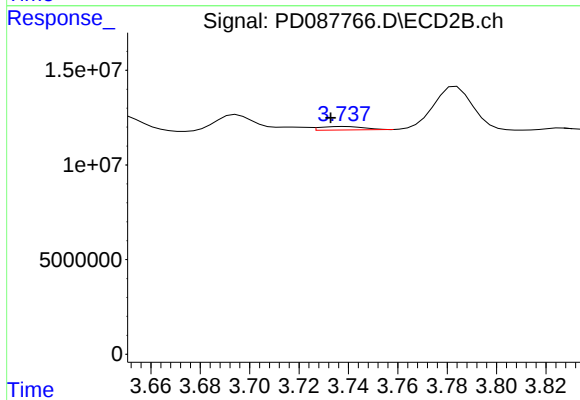
R.T.: 3.388 min  
Delta R.T.: -0.008 min  
Response: 2270029  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

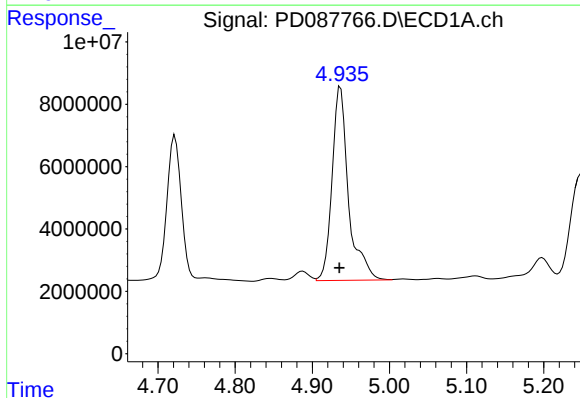
R.T.: 4.363 min  
Delta R.T.: 0.028 min  
Response: 730849  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



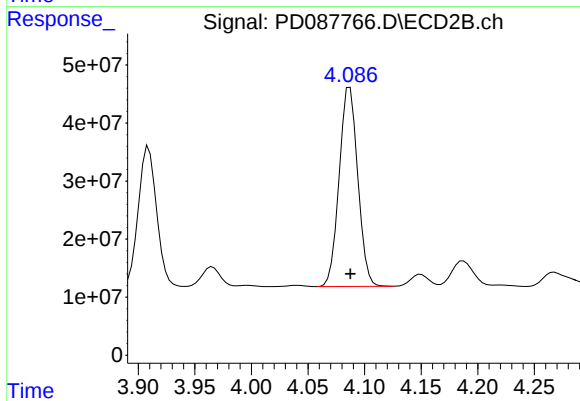
#3 gamma-BHC (Lindane)

R.T.: 3.739 min  
Delta R.T.: 0.006 min  
Response: 2281108  
Conc: 0.13 ng/ml



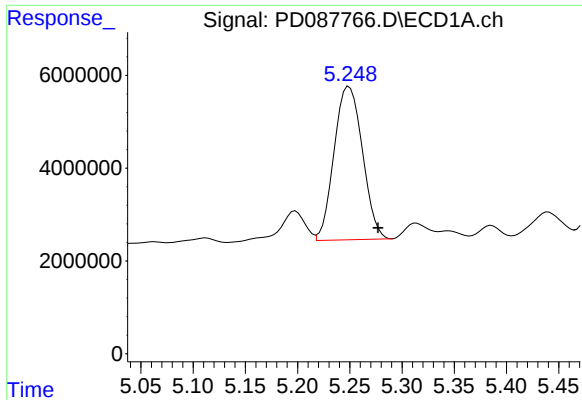
#4 Heptachlor

R.T.: 4.937 min  
Delta R.T.: 0.001 min  
Response: 92383922  
Conc: 24.78 ng/ml



#4 Heptachlor

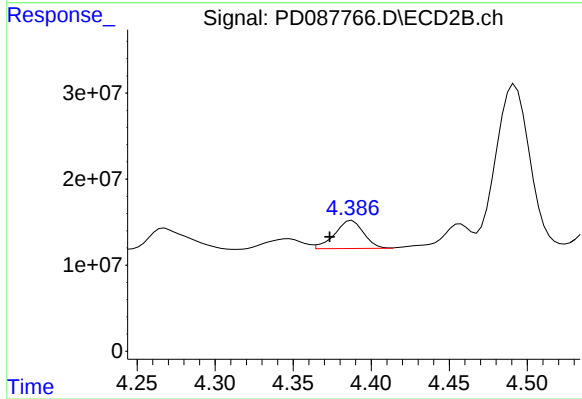
R.T.: 4.087 min  
Delta R.T.: 0.000 min  
Response: 392454332  
Conc: 22.65 ng/ml



#5 Aldrin

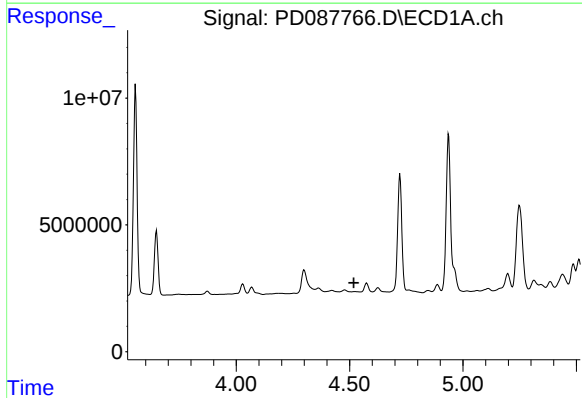
R.T.: 5.249 min  
Delta R.T.: -0.028 min  
Response: 62374621  
Conc: 16.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



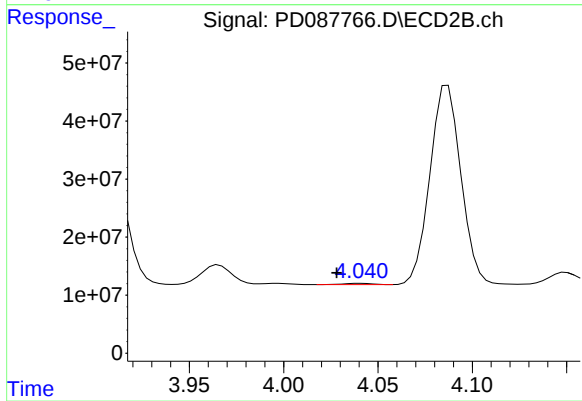
#5 Aldrin

R.T.: 4.388 min  
Delta R.T.: 0.014 min  
Response: 42048857  
Conc: 2.41 ng/ml



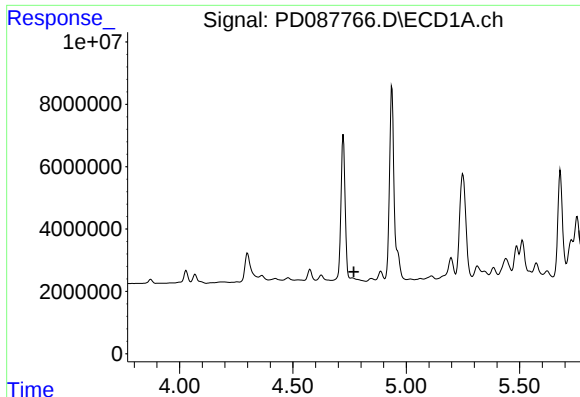
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.519 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

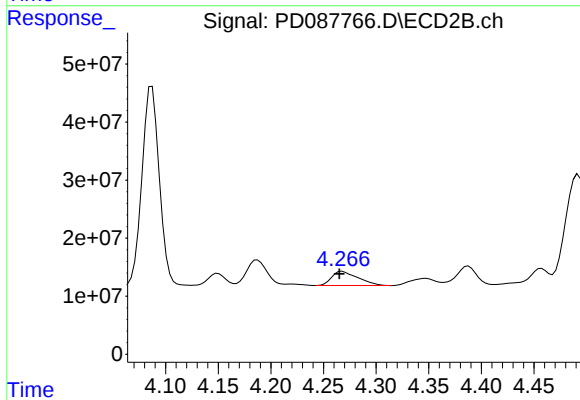
R.T.: 4.041 min  
Delta R.T.: 0.013 min  
Response: 2401410  
Conc: 0.31 ng/ml



#7 delta-BHC

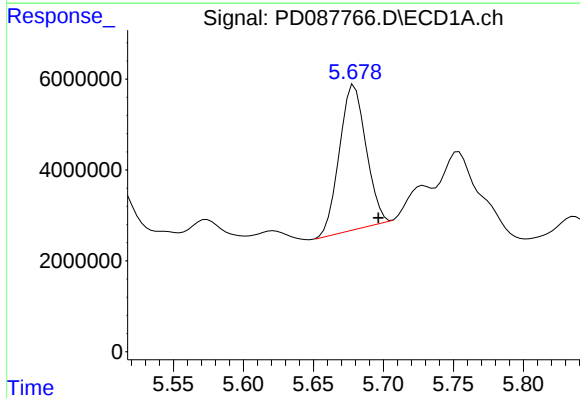
R.T.: 0.000 min  
Exp R.T.: 4.768 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



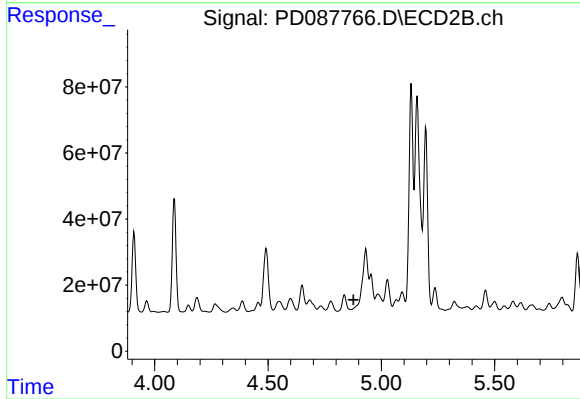
#7 delta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.003 min  
Response: 42383346  
Conc: 2.34 ng/ml



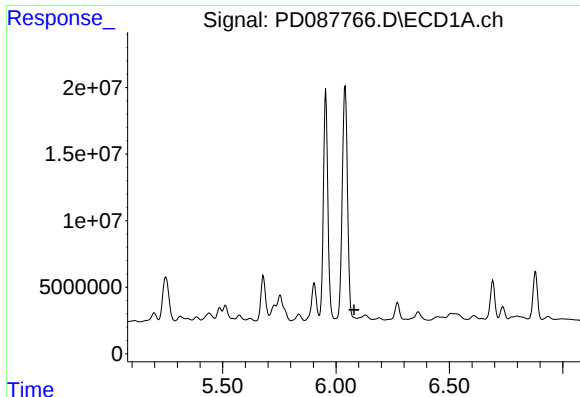
#8 Heptachlor epoxide

R.T.: 5.679 min  
Delta R.T.: -0.017 min  
Response: 42066662  
Conc: 12.31 ng/ml



#8 Heptachlor epoxide

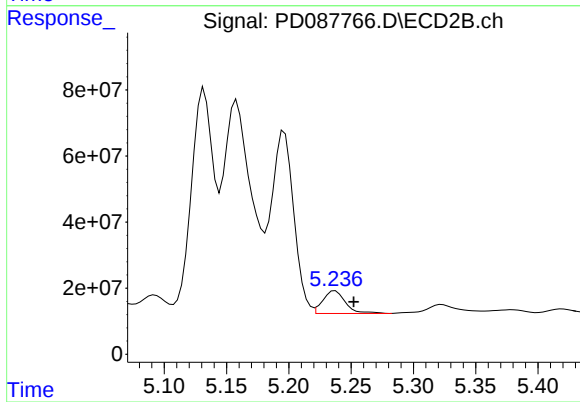
R.T.: 0.000 min  
Exp R.T.: 4.878 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

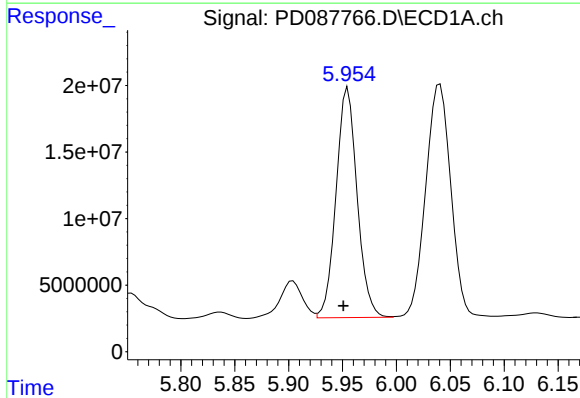
R.T.: 0.000 min  
Exp R.T.: 6.080 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



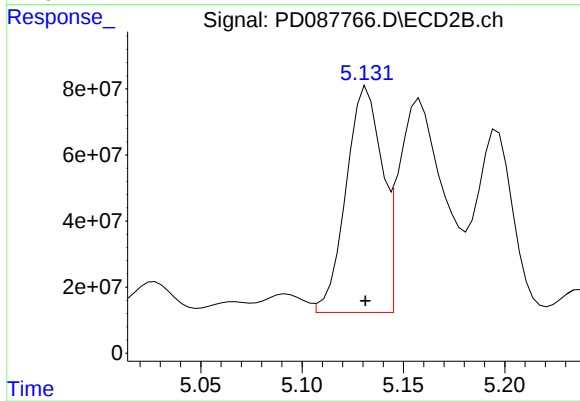
#9 Endosulfan I

R.T.: 5.237 min  
Delta R.T.: -0.015 min  
Response: 86331868  
Conc: 5.79 ng/ml



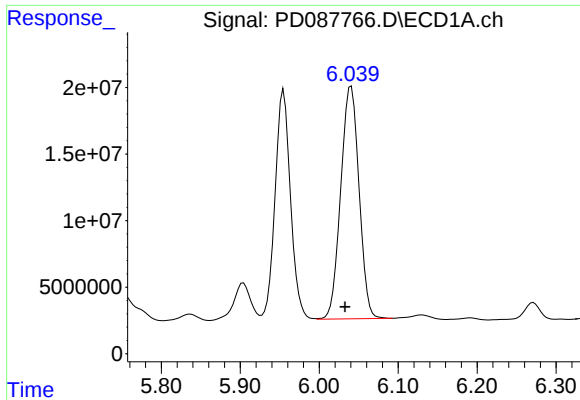
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.004 min  
Response: 234554469  
Conc: 70.97 ng/ml



#10 gamma-Chlordane

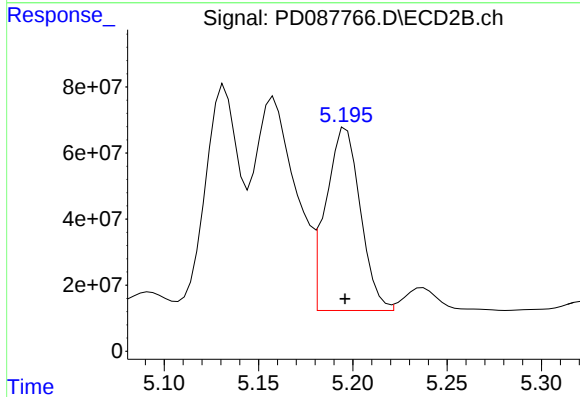
R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 838927207  
Conc: 51.58 ng/ml



#11 alpha-Chlordane

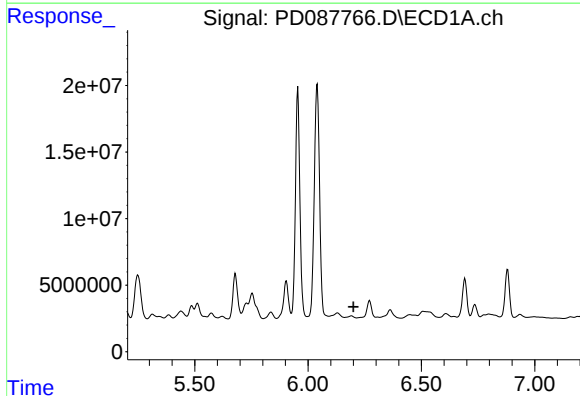
R.T.: 6.040 min  
Delta R.T.: 0.008 min  
Response: 281783898  
Conc: 84.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



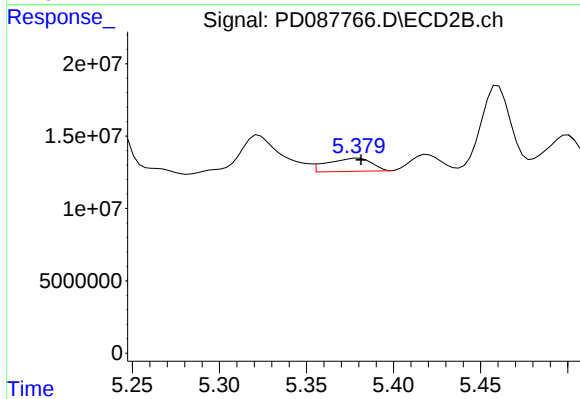
#11 alpha-Chlordane

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 703523043  
Conc: 44.10 ng/ml



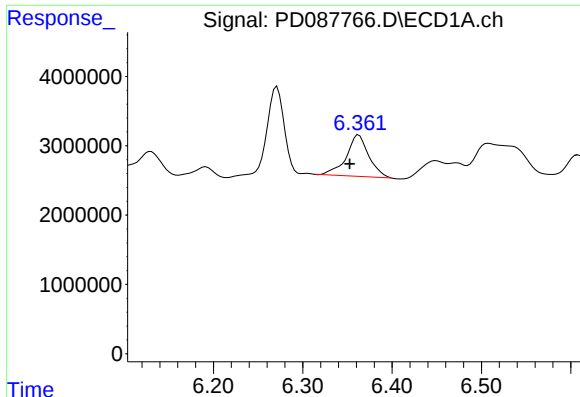
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: -0.010 min  
Response: -172290  
Conc: N.D.



#12 4,4'-DDE

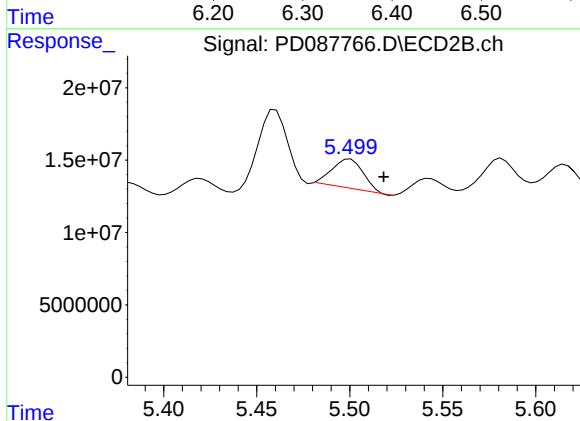
R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 16154146  
Conc: 1.03 ng/ml



#13 Dieldrin

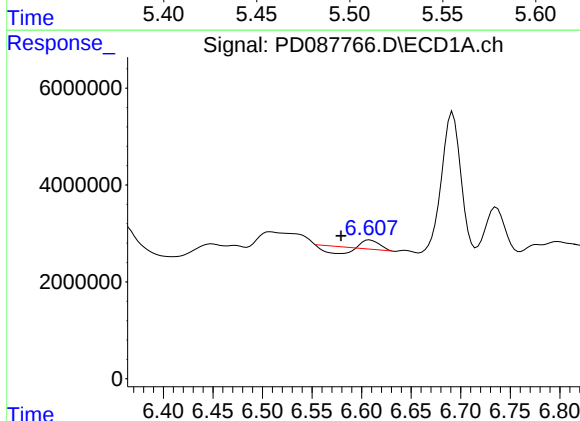
R.T.: 6.363 min  
Delta R.T.: 0.010 min  
Response: 10338687  
Conc: 3.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



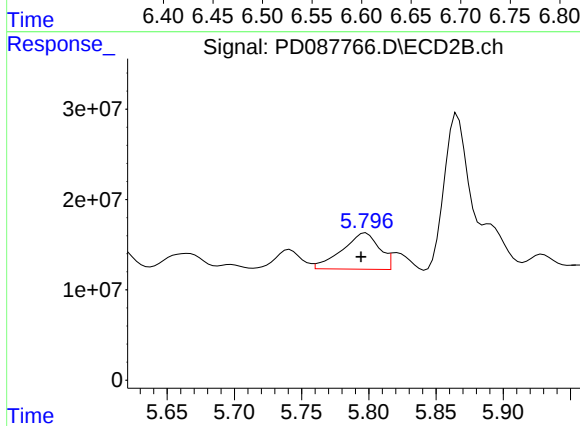
#13 Dieldrin

R.T.: 5.500 min  
Delta R.T.: -0.018 min  
Response: 23320673  
Conc: 1.43 ng/ml



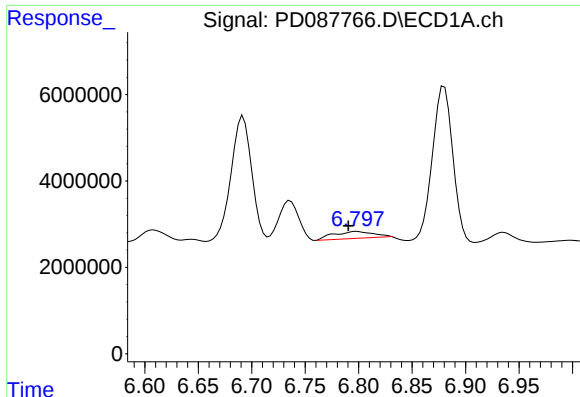
#14 Endrin

R.T.: 6.609 min  
Delta R.T.: 0.029 min  
Response: 466069  
Conc: 0.16 ng/ml



#14 Endrin

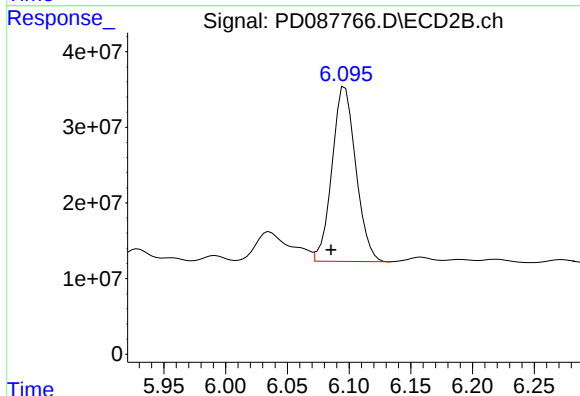
R.T.: 5.798 min  
Delta R.T.: 0.003 min  
Response: 76768905  
Conc: 5.15 ng/ml



#15 Endosulfan II

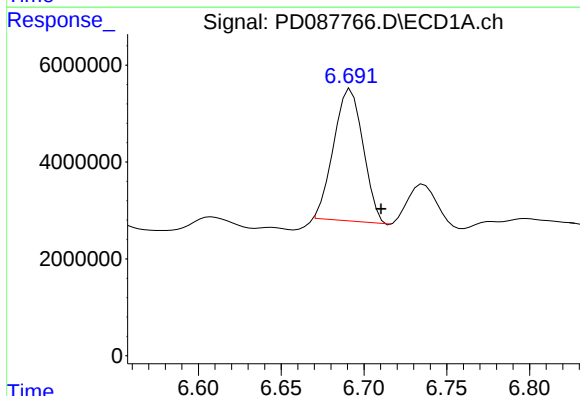
R.T.: 6.798 min  
Delta R.T.: 0.008 min  
Response: 3984904  
Conc: 1.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



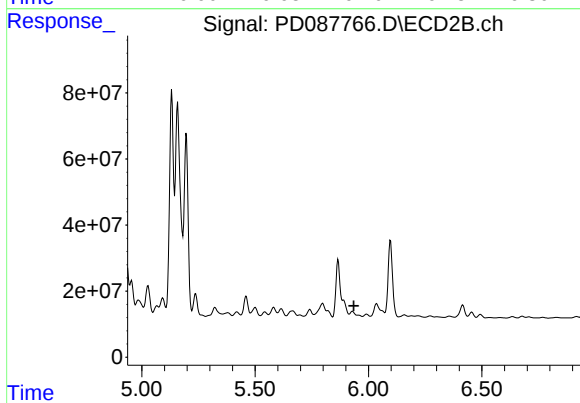
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.011 min  
Response: 310514356  
Conc: 21.75 ng/ml



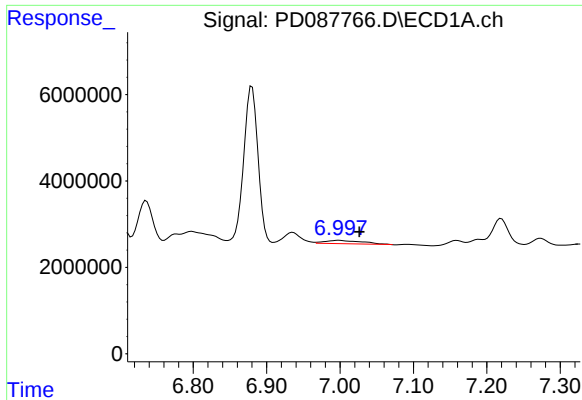
#16 4,4'-DDD

R.T.: 6.692 min  
Delta R.T.: -0.018 min  
Response: 33644532  
Conc: 13.98 ng/ml



#16 4,4'-DDD

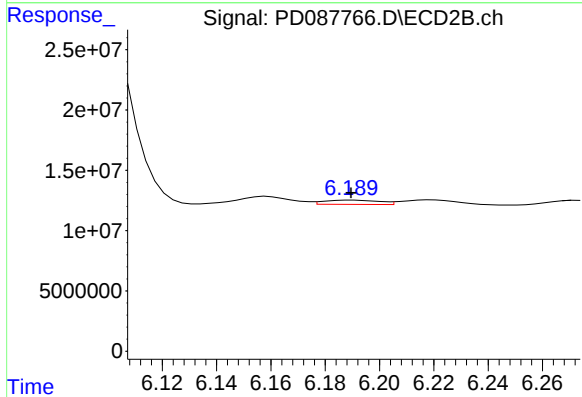
R.T.: 5.929 min  
Delta R.T.: -0.006 min  
Response: -27683555  
Conc: N.D.



#17 4,4'-DDT

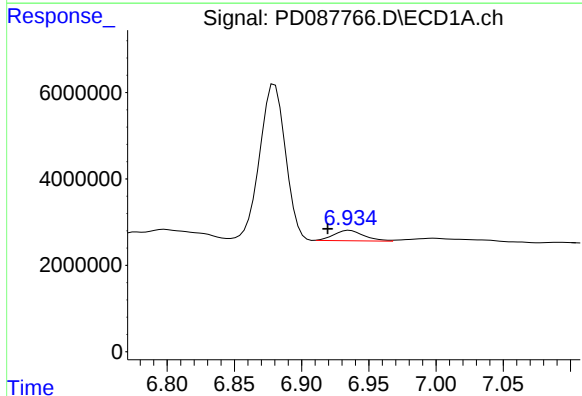
R.T.: 6.999 min  
Delta R.T.: -0.028 min  
Response: 2603234  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



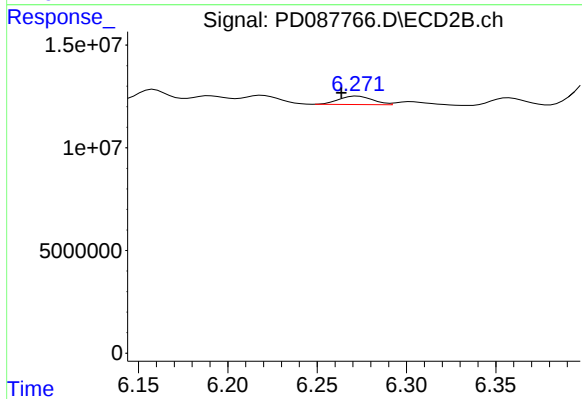
#17 4,4'-DDT

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 5061779  
Conc: 0.38 ng/ml



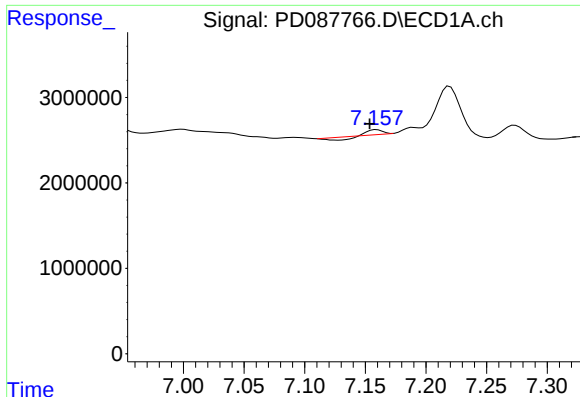
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.016 min  
Response: 3683759  
Conc: 1.59 ng/ml



#18 Endrin aldehyde

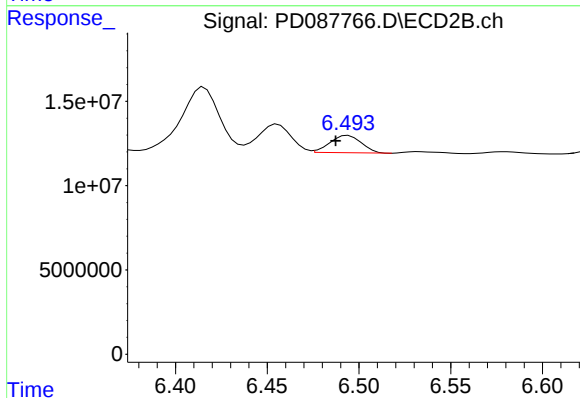
R.T.: 6.273 min  
Delta R.T.: 0.009 min  
Response: 5376822  
Conc: 0.46 ng/ml



#19 Endosulfan Sulfate

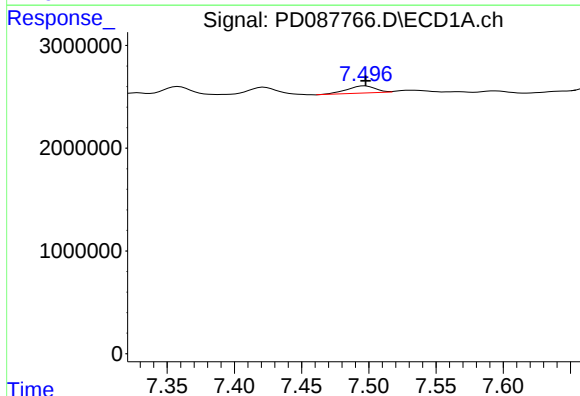
R.T.: 7.159 min  
Delta R.T.: 0.005 min  
Response: 45137  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



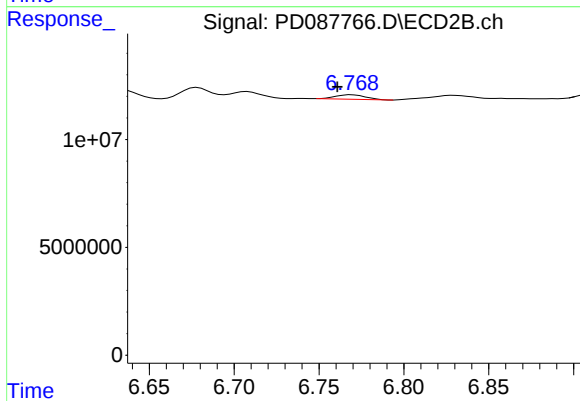
#19 Endosulfan Sulfate

R.T.: 6.494 min  
Delta R.T.: 0.007 min  
Response: 12215739  
Conc: 0.86 ng/ml



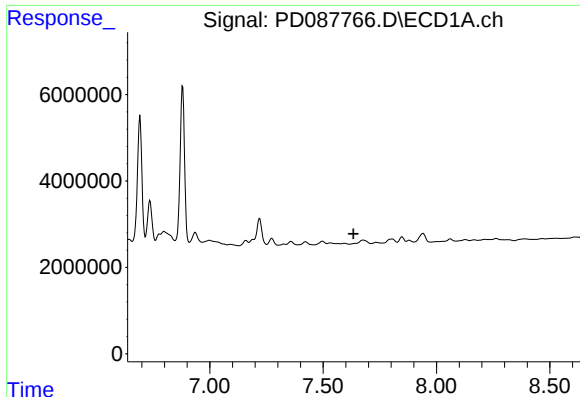
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: 0.000 min  
Response: 1016105  
Conc: 0.69 ng/ml



#20 Methoxychlor

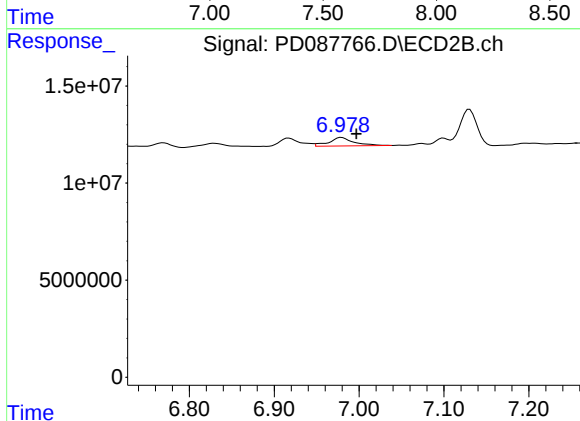
R.T.: 6.769 min  
Delta R.T.: 0.009 min  
Response: 2558938  
Conc: 0.33 ng/ml



#21 Endrin ketone

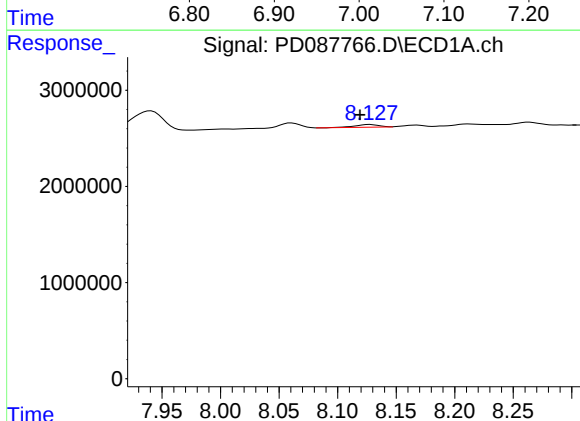
R.T.: 0.000 min  
Exp R.T.: 7.634 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



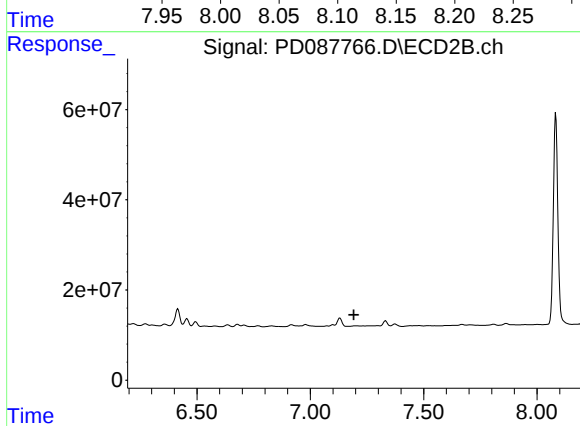
#21 Endrin ketone

R.T.: 6.979 min  
Delta R.T.: -0.017 min  
Response: 8831255  
Conc: 0.57 ng/ml



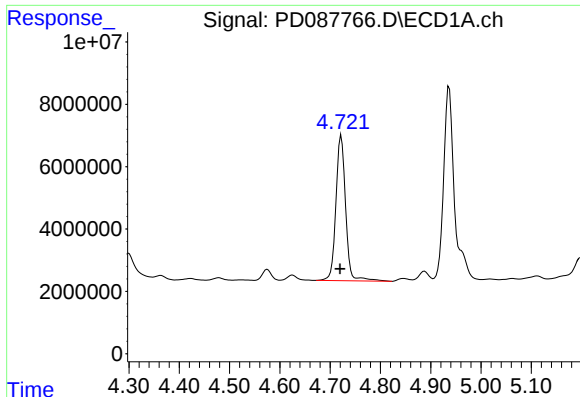
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.009 min  
Response: 381455  
Conc: 0.16 ng/ml



#22 Mirex

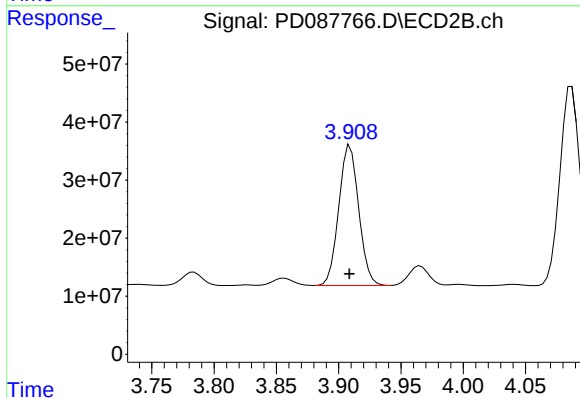
R.T.: 7.198 min  
Delta R.T.: 0.006 min  
Response: -1189531  
Conc: N.D.



#23 Chlordane-1

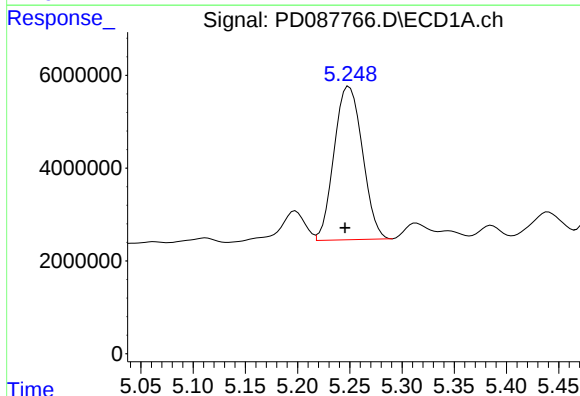
R.T.: 4.722 min  
Delta R.T.: 0.003 min  
Response: 62472491  
Conc: 488.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



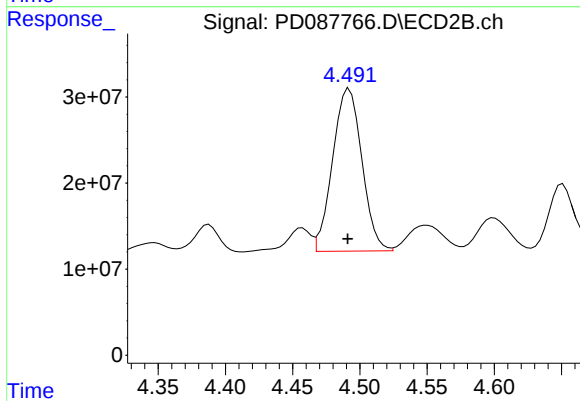
#23 Chlordane-1

R.T.: 3.909 min  
Delta R.T.: 0.000 min  
Response: 270165225  
Conc: 485.73 ng/ml



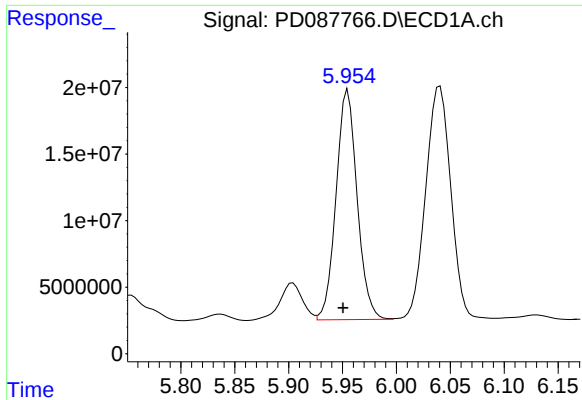
#24 Chlordane-2

R.T.: 5.249 min  
Delta R.T.: 0.004 min  
Response: 62374621  
Conc: 459.75 ng/ml



#24 Chlordane-2

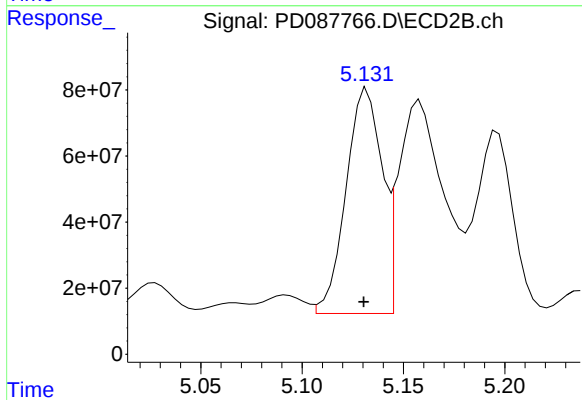
R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 285312427  
Conc: 482.78 ng/ml



#25 Chlordane-3

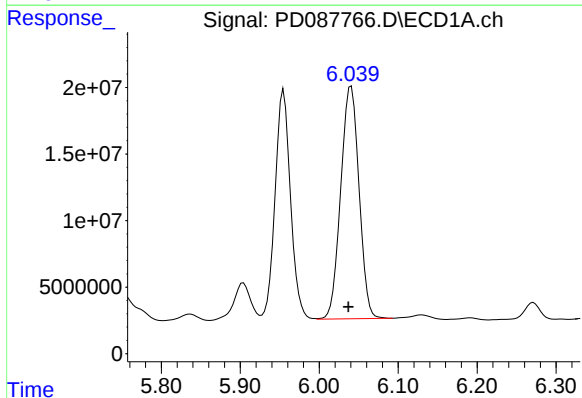
R.T.: 5.955 min  
Delta R.T.: 0.004 min  
Response: 234554469  
Conc: 466.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



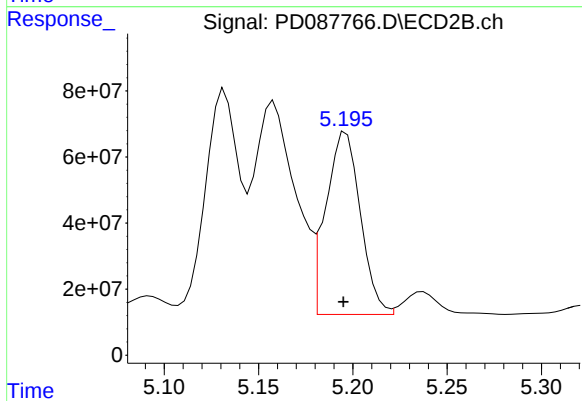
#25 Chlordane-3

R.T.: 5.132 min  
Delta R.T.: 0.002 min  
Response: 838927207  
Conc: 480.65 ng/ml



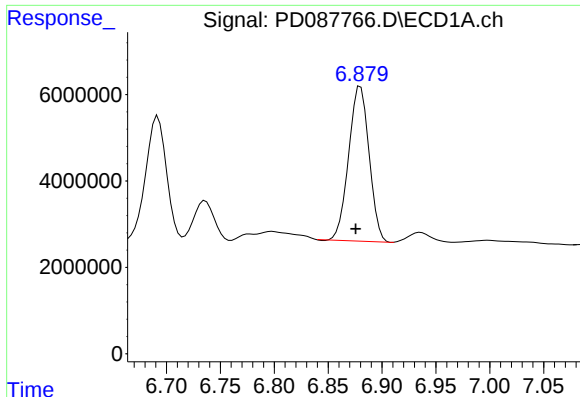
#26 Chlordane-4

R.T.: 6.040 min  
Delta R.T.: 0.004 min  
Response: 281783898  
Conc: 463.61 ng/ml



#26 Chlordane-4

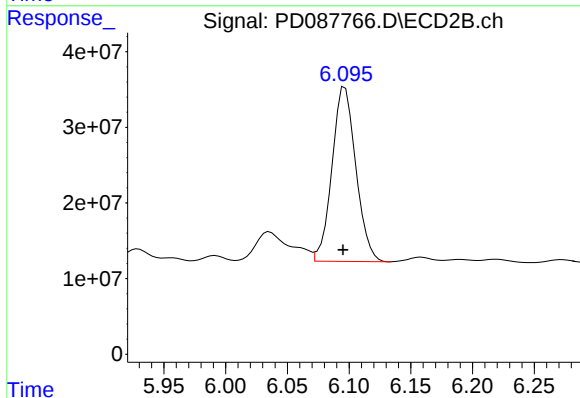
R.T.: 5.196 min  
Delta R.T.: 0.001 min  
Response: 703523043  
Conc: 476.82 ng/ml



#27 Chlordane-5

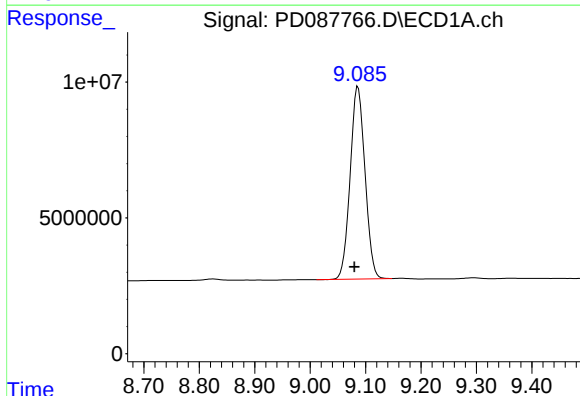
R.T.: 6.880 min  
Delta R.T.: 0.004 min  
Response: 47366682  
Conc: 443.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



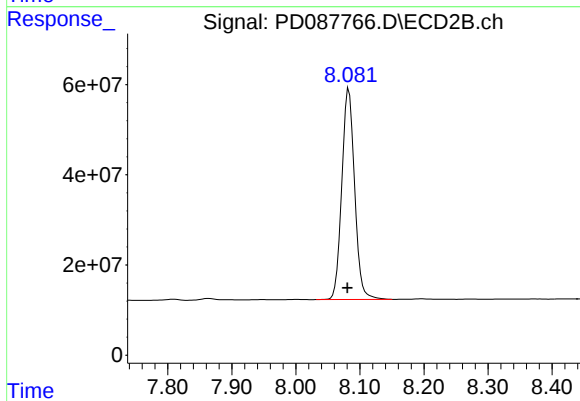
#27 Chlordane-5

R.T.: 6.097 min  
Delta R.T.: 0.002 min  
Response: 310514356  
Conc: 474.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.007 min  
Response: 131665432  
Conc: 43.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min  
Delta R.T.: 0.002 min  
Response: 649134808  
Conc: 45.93 ng/ml