

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020724\  
 Data File : PD081174.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2024 14:45  
 Operator : AR\AJ  
 Sample : P1367-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 EB-7-5-7D

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 21:14:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.566  | 2.795  | 16682437 | 30128474 | 11.752 | 12.595   |
| 28)                         | SA Decachlor... | 9.112  | 7.932  | 23548460 | 29457064 | 11.701 | 11.059   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.282f | 0        | 192372   | N.D.   | 0.050 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.645f | 0        | 188682   | N.D.   | 0.050 #  |
| 4)                          | MA Heptachlor   | 4.975f | 3.965  | 152407   | 166997   | 0.062  | 0.048    |
| 5)                          | MB Aldrin       | 5.267f | 4.259  | 697197   | 483176   | 0.284  | 0.133 #  |
| 7)                          | B delta-BHC     | 4.792  | 4.162  | 1411200  | 564137   | 0.563  | 0.150 #  |
| 8)                          | B Heptachlo...  | 5.710  | 4.747  | 2019282  | 348307   | 0.902  | 0.104 #  |
| 10)                         | B gamma-Chl...  | 5.992f | 4.976f | 1382961  | 2991492  | 0.632  | 0.915 #  |
| 11)                         | B alpha-Chl...  | 6.057  | 5.061  | 2345906  | 2354564  | 1.077  | 0.720 #  |
| 12)                         | B 4,4'-DDE      | 6.224  | 5.250  | 2444515  | 2387149  | 1.201  | 0.779 #  |
| 13)                         | MA Dieldrin     | 6.376  | 5.384  | 1290696  | 3259743  | 0.584  | 0.959 #  |
| 14)                         | MA Endrin       | 6.606  | 5.666  | 1059480  | 1862233  | 0.567  | 0.628    |
| 15)                         | B Endosulfa...  | 6.822  | 5.943  | 1338553  | 1770873  | 0.691  | 0.616    |
| 16)                         | A 4,4'-DDD      | 6.752  | 0.000  | 7240193  | 0        | 4.406  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.050  | 477322   | 9418639  | 0.268  | 3.550 #  |
| 18)                         | B Endrin al...  | 6.982f | 6.149f | 593946   | 4161978  | 0.390  | 1.846 #  |
| 19)                         | B Endosulfa...  | 7.172f | 6.350  | 1684335  | 7392604  | 0.887  | 2.650 #  |
| 20)                         | A Methoxychlor  | 7.523  | 6.605f | 127758   | 15566967 | 0.124  | 9.945 #  |
| 21)                         | B Endrin ke...  | 7.689  | 6.856  | 543874   | -50704   | 0.260  | N.D. #   |
| 22)                         | Mirex           | 8.157  | 7.041  | 577211   | 304807   | 0.350  | 0.121 #  |
| 23)                         | Chlordane-1     | 4.731  | 3.792  | 524471   | 633862   | 6.793  | 6.233    |
| 24)                         | Chlordane-2     | 5.267  | 4.369  | 697197   | 908324   | 8.422  | 7.411    |
| 25)                         | Chlordane-3     | 5.992f | 4.976f | 1382961  | 2991492  | 4.379  | 8.913 #  |
| 26)                         | Chlordane-4     | 6.057  | 5.061  | 2345906  | 2354564  | 6.161  | 7.411    |
| 27)                         | Chlordane-5     | 0.000  | 5.943  | 0        | 1770873  | N.D.   | 14.606 # |
| -----                       |                 |        |        |          |          |        |          |

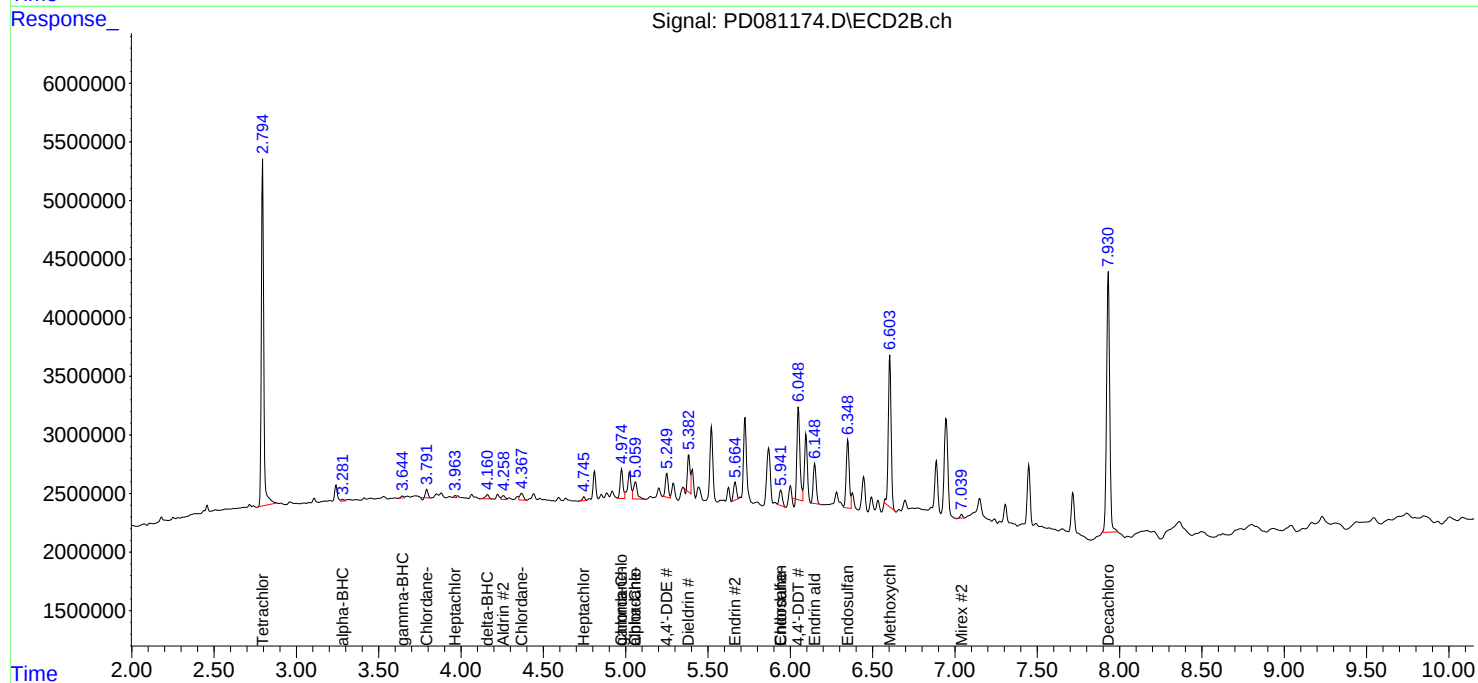
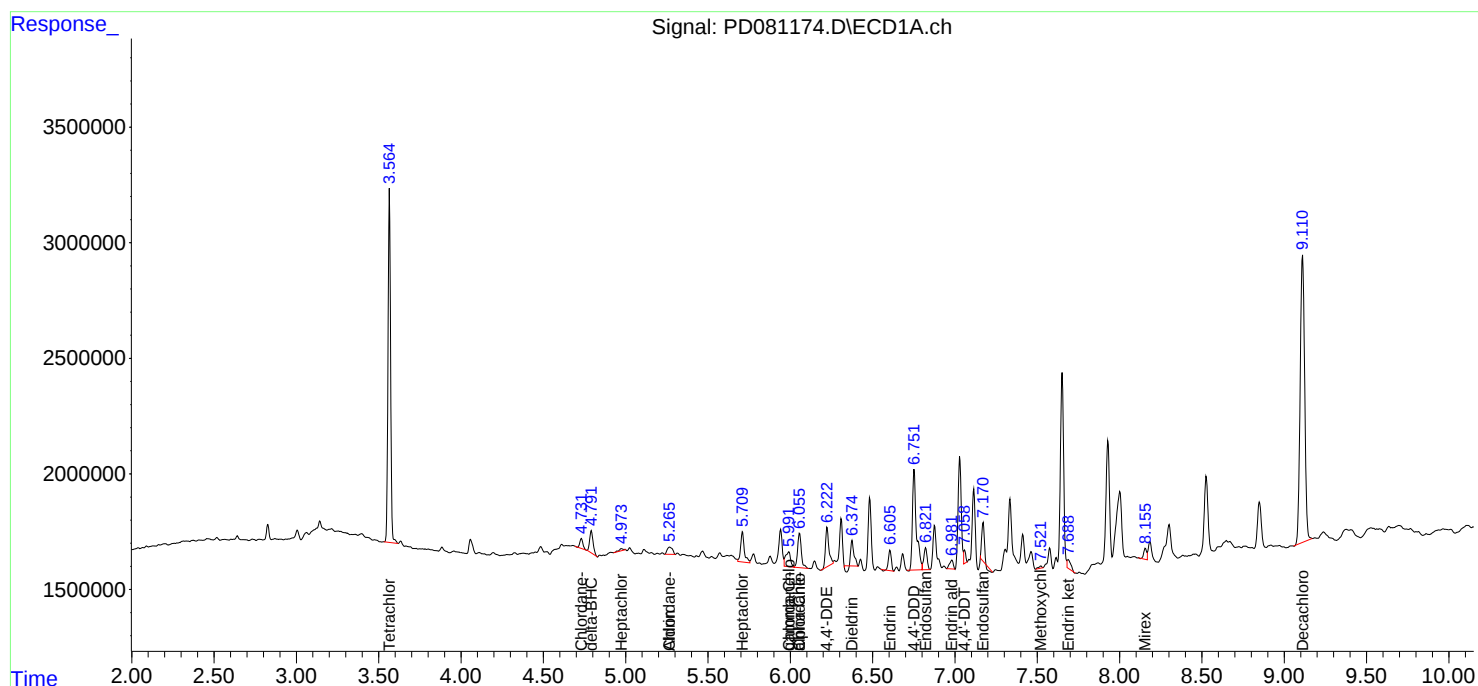
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

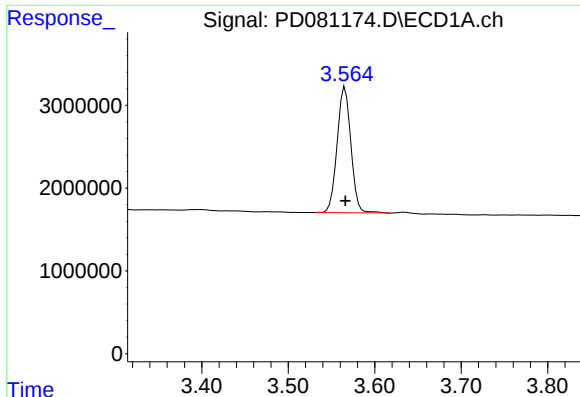
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020724\  
Data File : PD081174.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2024 14:45  
Operator : AR\AJ  
Sample : P1367-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 21:14:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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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

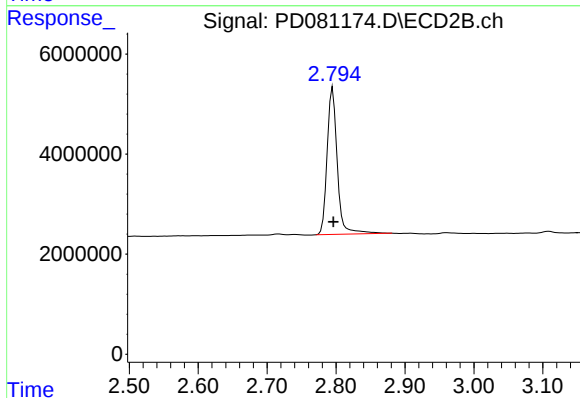




#1 Tetrachloro-m-xylene

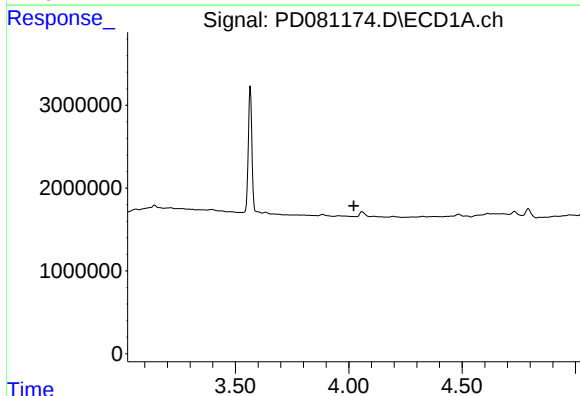
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 16682437  
Conc: 11.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



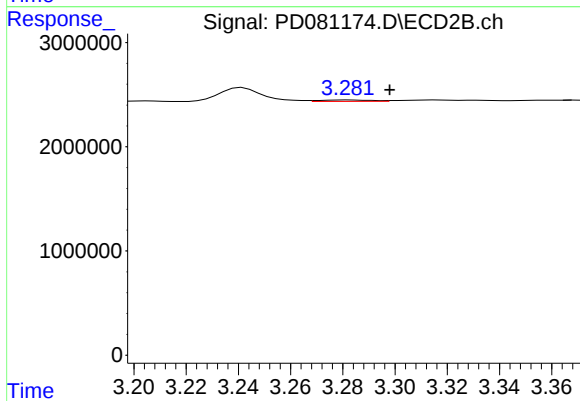
#1 Tetrachloro-m-xylene

R.T.: 2.795 min  
Delta R.T.: 0.000 min  
Response: 30128474  
Conc: 12.59 ng/ml



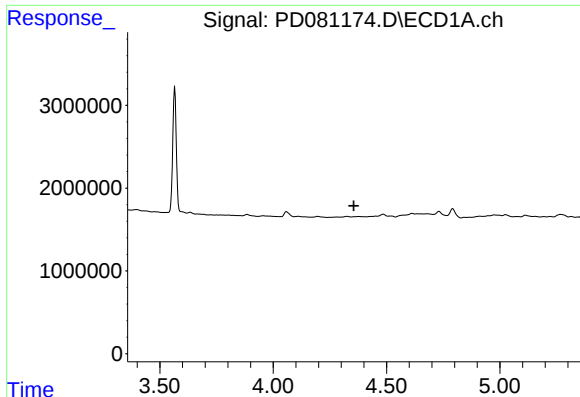
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.022 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

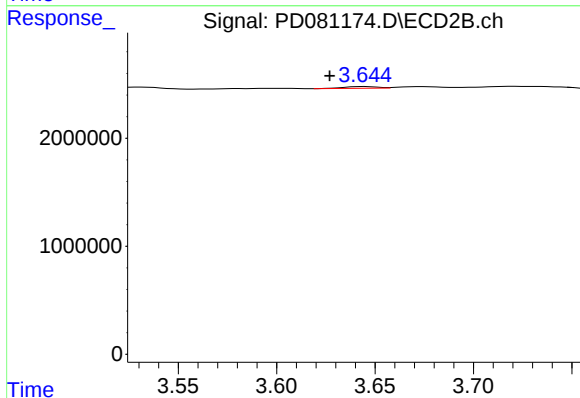
R.T.: 3.282 min  
Delta R.T.: -0.016 min  
Response: 192372  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

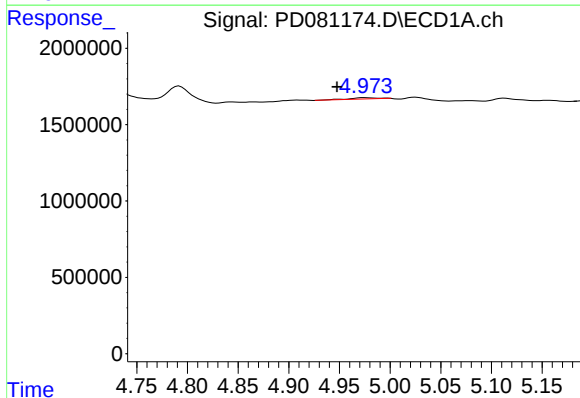
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



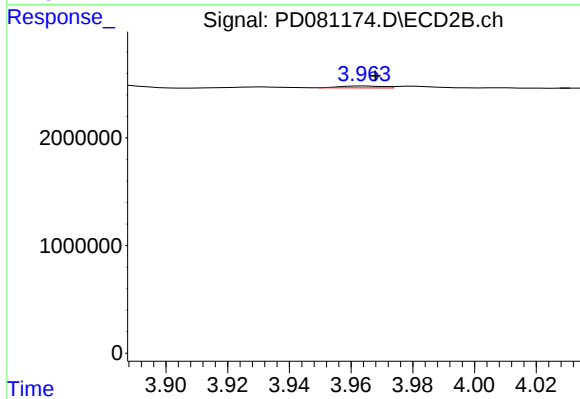
#3 gamma-BHC (Lindane)

R.T.: 3.645 min  
Delta R.T.: 0.018 min  
Response: 188682  
Conc: 0.05 ng/ml



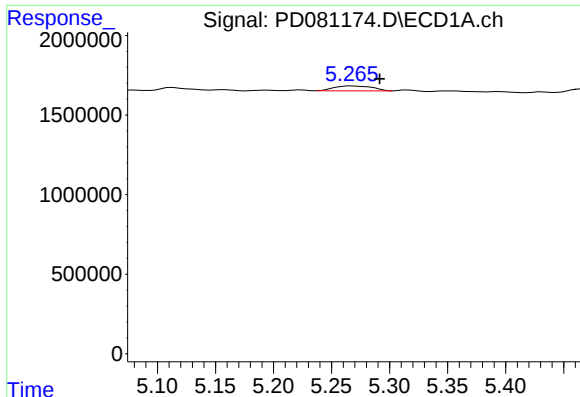
#4 Heptachlor

R.T.: 4.975 min  
Delta R.T.: 0.027 min  
Response: 152407  
Conc: 0.06 ng/ml



#4 Heptachlor

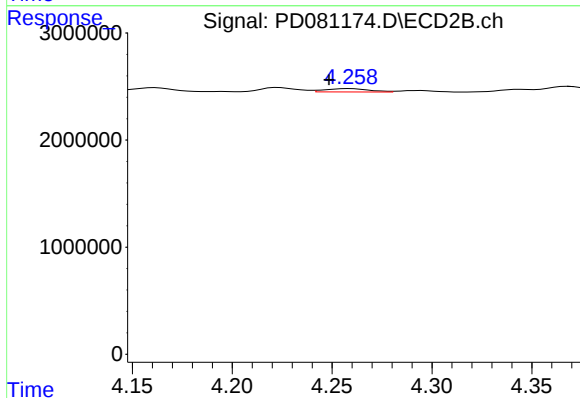
R.T.: 3.965 min  
Delta R.T.: -0.003 min  
Response: 166997  
Conc: 0.05 ng/ml



#5 Aldrin

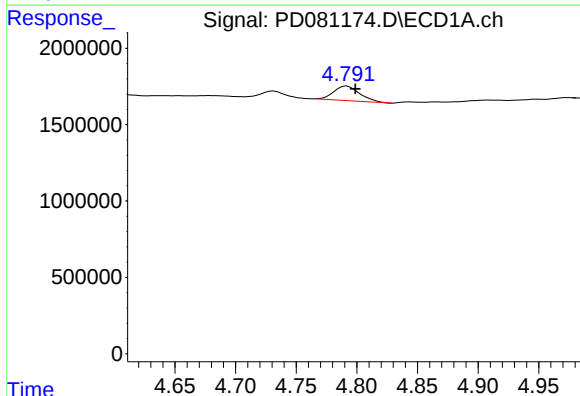
R.T.: 5.267 min  
Delta R.T.: -0.025 min  
Response: 697197  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



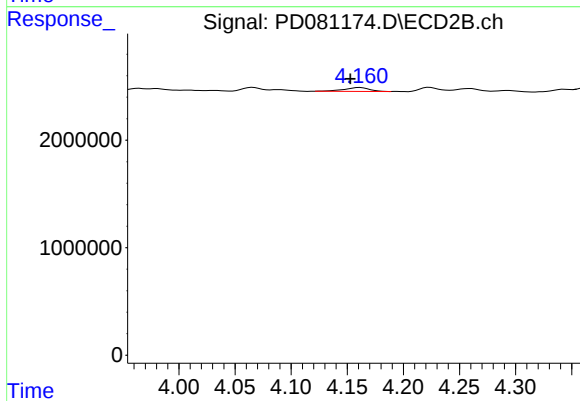
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: 0.011 min  
Response: 483176  
Conc: 0.13 ng/ml



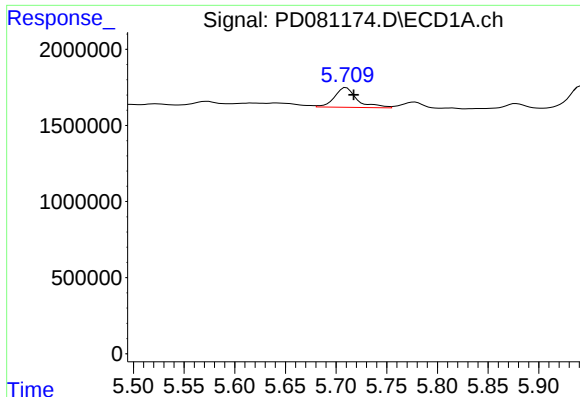
#7 delta-BHC

R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 1411200  
Conc: 0.56 ng/ml



#7 delta-BHC

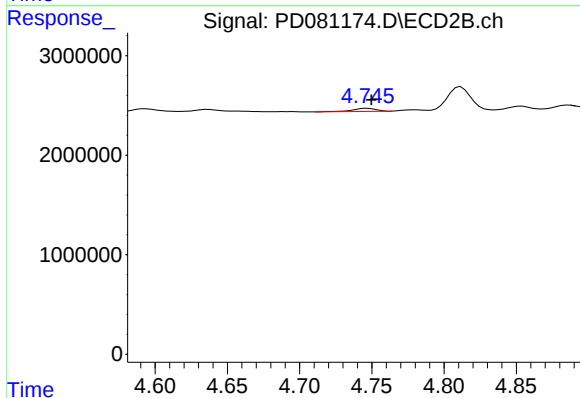
R.T.: 4.162 min  
Delta R.T.: 0.009 min  
Response: 564137  
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

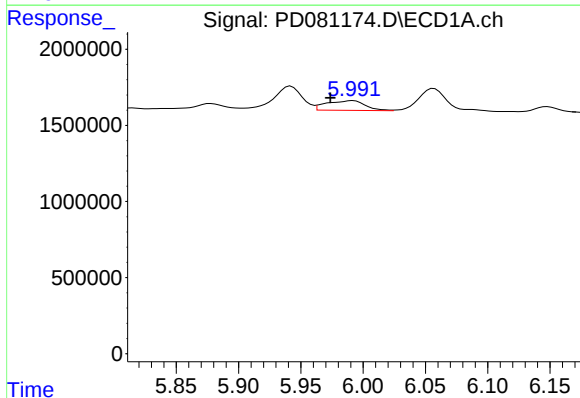
R.T.: 5.710 min  
Delta R.T.: -0.007 min  
Response: 2019282  
Conc: 0.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



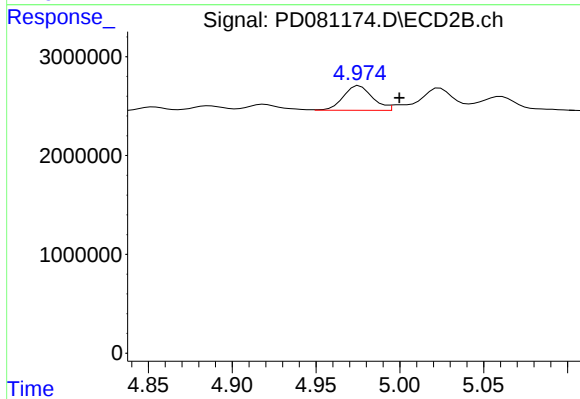
#8 Heptachlor epoxide

R.T.: 4.747 min  
Delta R.T.: -0.003 min  
Response: 348307  
Conc: 0.10 ng/ml



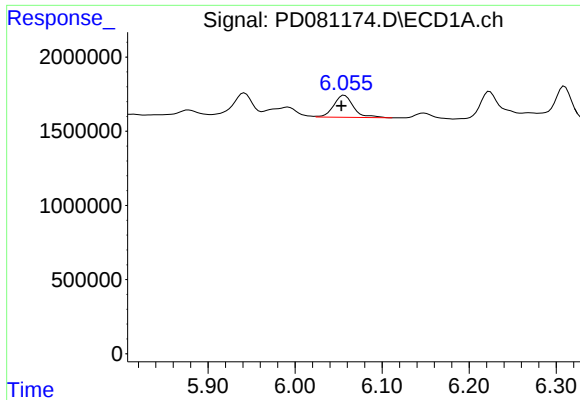
#10 gamma-Chlordane

R.T.: 5.992 min  
Delta R.T.: 0.018 min  
Response: 1382961  
Conc: 0.63 ng/ml



#10 gamma-Chlordane

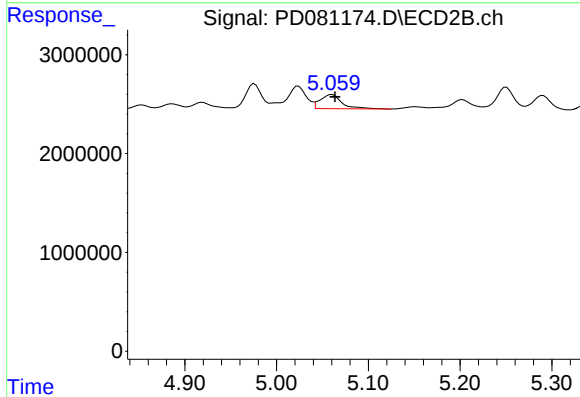
R.T.: 4.976 min  
Delta R.T.: -0.024 min  
Response: 2991492  
Conc: 0.91 ng/ml



#11 alpha-Chlordane

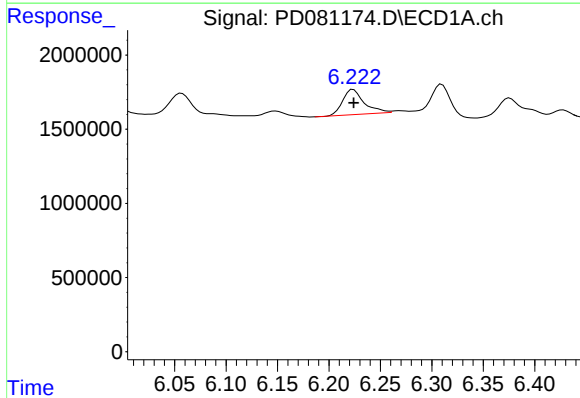
R.T.: 6.057 min  
Delta R.T.: 0.004 min  
Response: 2345906  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



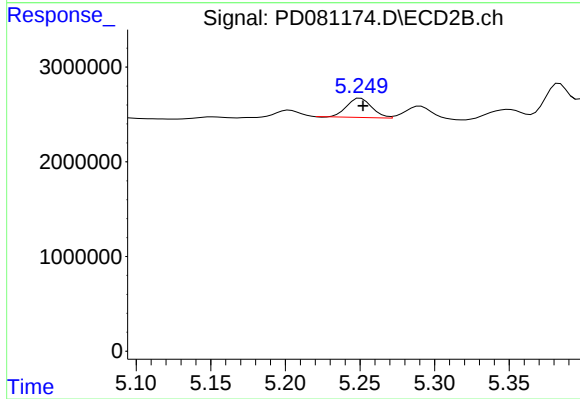
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: -0.003 min  
Response: 2354564  
Conc: 0.72 ng/ml



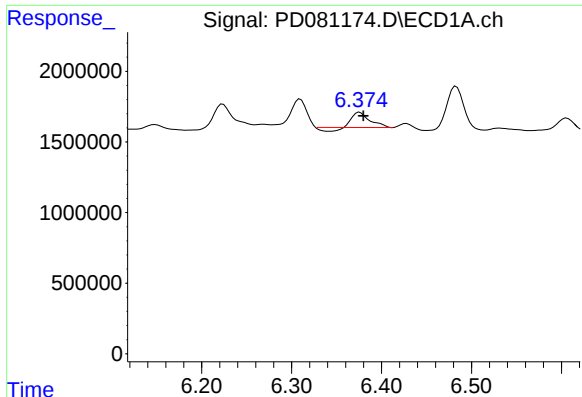
#12 4,4'-DDE

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 2444515  
Conc: 1.20 ng/ml



#12 4,4'-DDE

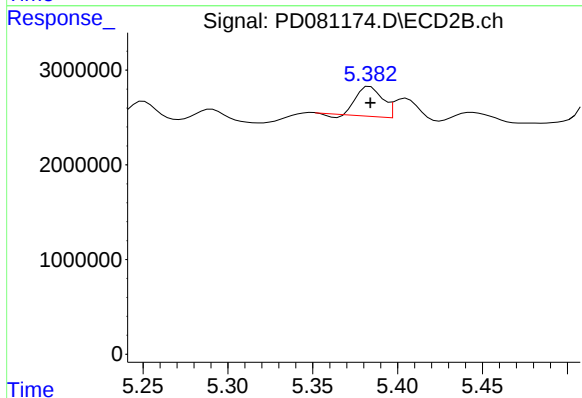
R.T.: 5.250 min  
Delta R.T.: -0.002 min  
Response: 2387149  
Conc: 0.78 ng/ml



#13 Dieldrin

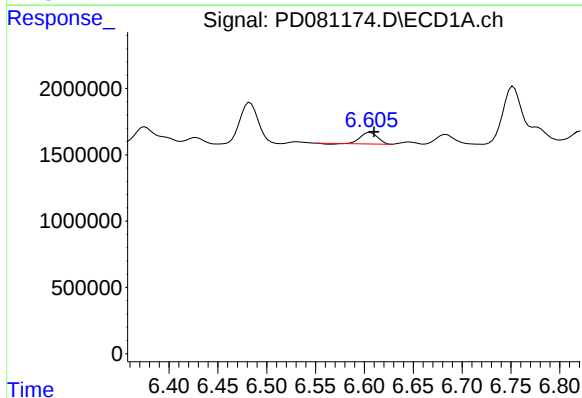
R.T.: 6.376 min  
Delta R.T.: -0.004 min  
Response: 1290696  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



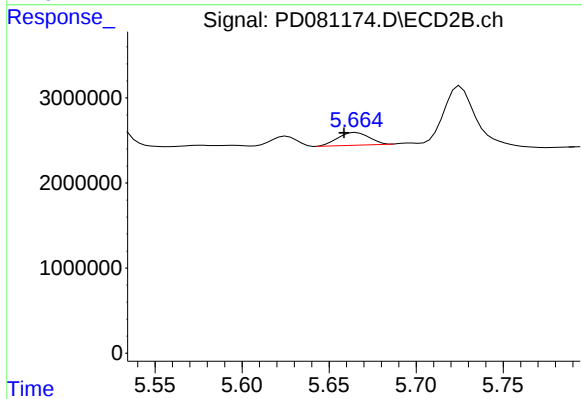
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 3259743  
Conc: 0.96 ng/ml



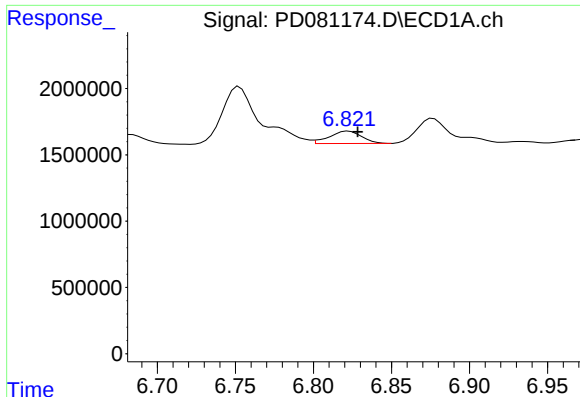
#14 Endrin

R.T.: 6.606 min  
Delta R.T.: -0.004 min  
Response: 1059480  
Conc: 0.57 ng/ml



#14 Endrin

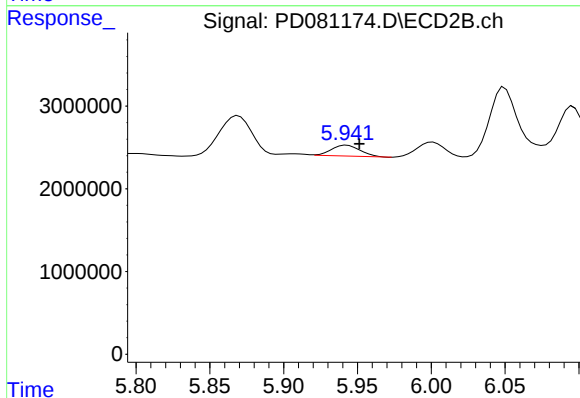
R.T.: 5.666 min  
Delta R.T.: 0.007 min  
Response: 1862233  
Conc: 0.63 ng/ml



#15 Endosulfan II

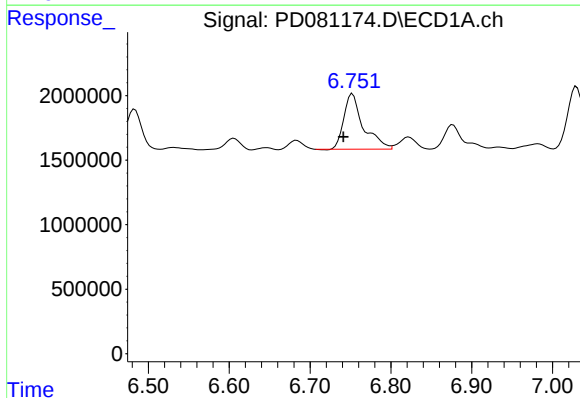
R.T.: 6.822 min  
Delta R.T.: -0.006 min  
Response: 1338553  
Conc: 0.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



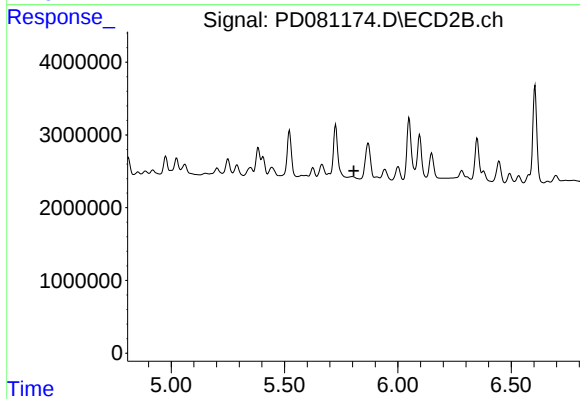
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: -0.009 min  
Response: 1770873  
Conc: 0.62 ng/ml



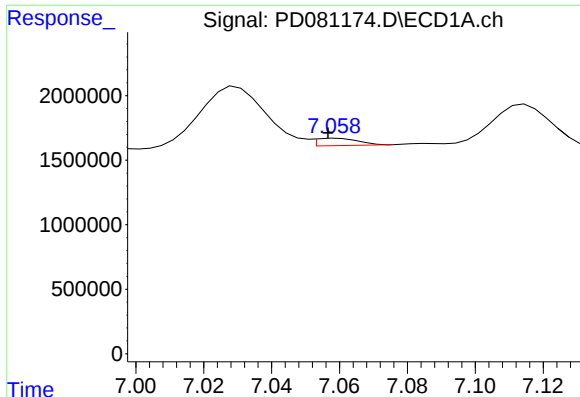
#16 4,4'-DDD

R.T.: 6.752 min  
Delta R.T.: 0.011 min  
Response: 7240193  
Conc: 4.41 ng/ml



#16 4,4'-DDD

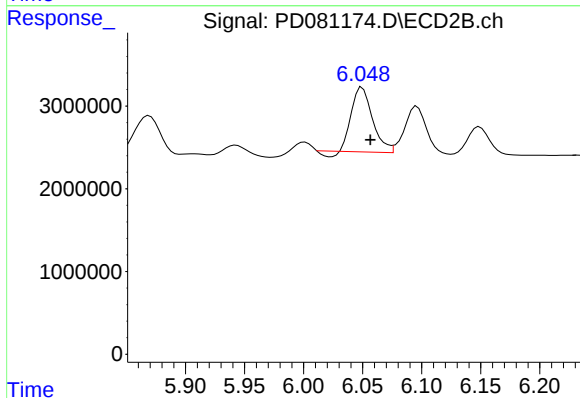
R.T.: 0.000 min  
Exp R.T. : 5.805 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

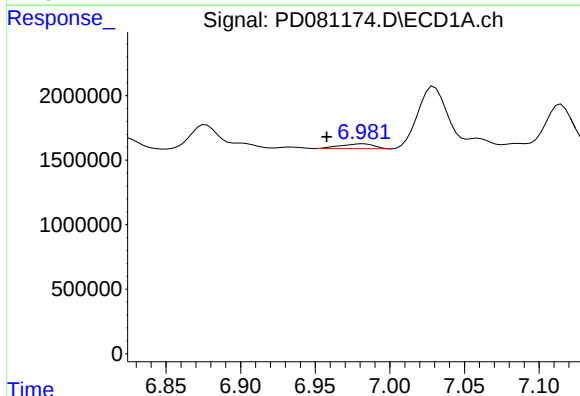
R.T.: 7.059 min  
Delta R.T.: 0.003 min  
Response: 477322  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



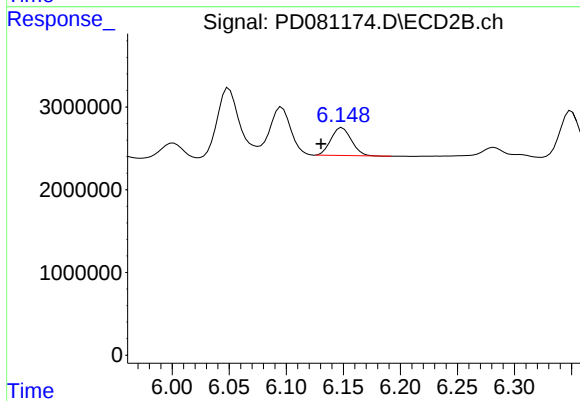
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.007 min  
Response: 9418639  
Conc: 3.55 ng/ml



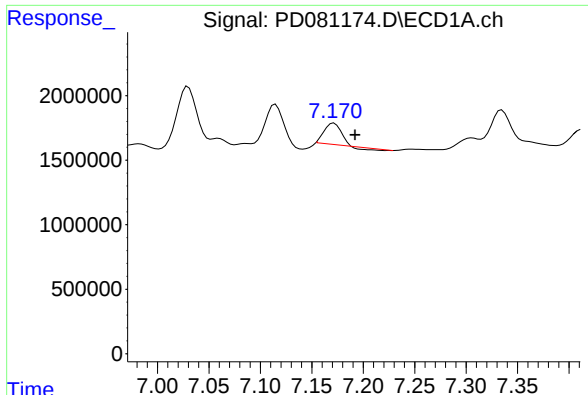
#18 Endrin aldehyde

R.T.: 6.982 min  
Delta R.T.: 0.024 min  
Response: 593946  
Conc: 0.39 ng/ml



#18 Endrin aldehyde

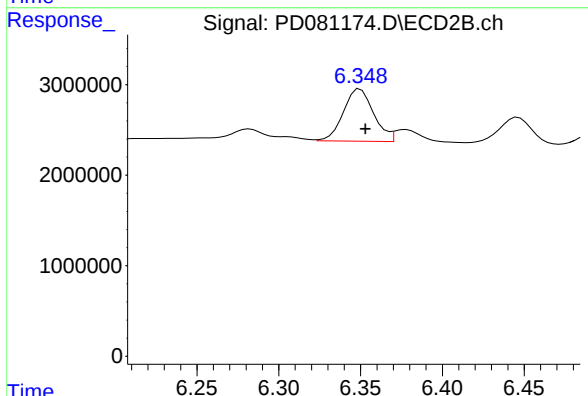
R.T.: 6.149 min  
Delta R.T.: 0.019 min  
Response: 4161978  
Conc: 1.85 ng/ml



#19 Endosulfan Sulfate

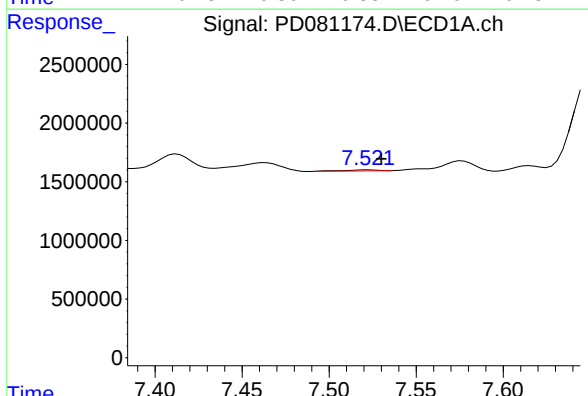
R.T.: 7.172 min  
Delta R.T.: -0.021 min  
Response: 1684335  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



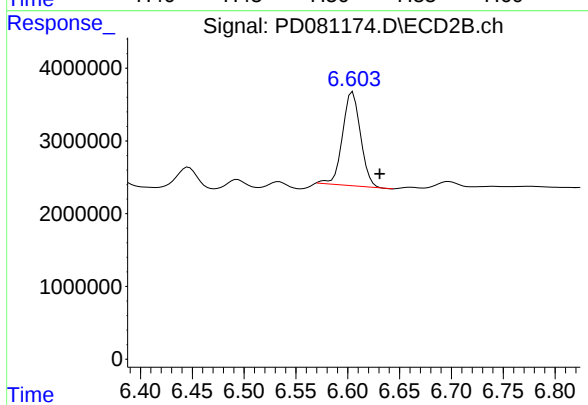
#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: -0.003 min  
Response: 7392604  
Conc: 2.65 ng/ml



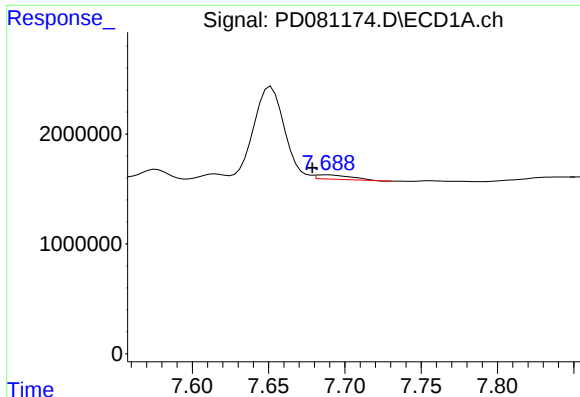
#20 Methoxychlor

R.T.: 7.523 min  
Delta R.T.: -0.007 min  
Response: 127758  
Conc: 0.12 ng/ml



#20 Methoxychlor

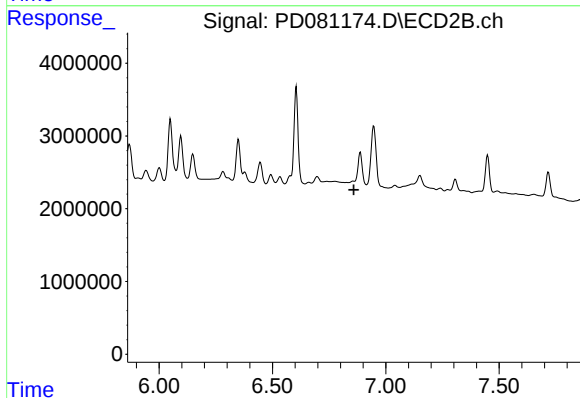
R.T.: 6.605 min  
Delta R.T.: -0.026 min  
Response: 15566967  
Conc: 9.95 ng/ml



#21 Endrin ketone

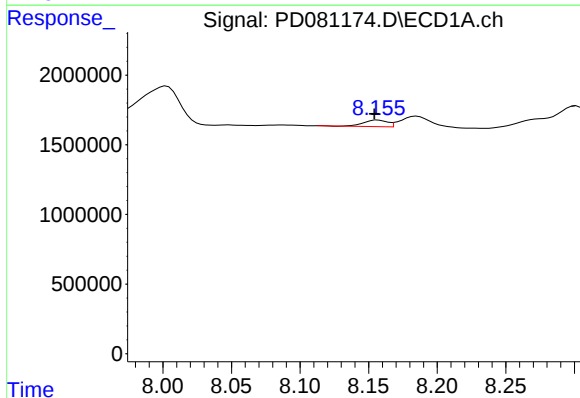
R.T.: 7.689 min  
Delta R.T.: 0.010 min  
Response: 543874  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



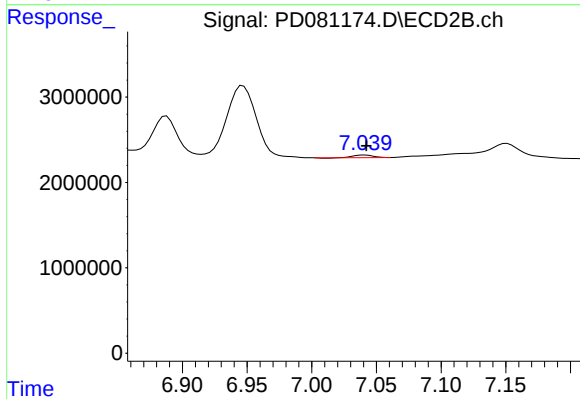
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: -50704  
Conc: N.D.



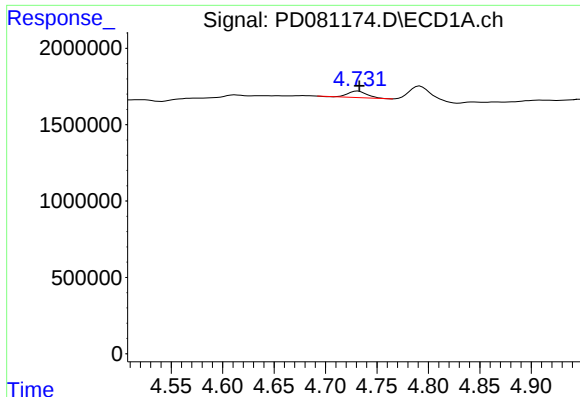
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: 0.003 min  
Response: 577211  
Conc: 0.35 ng/ml



#22 Mirex

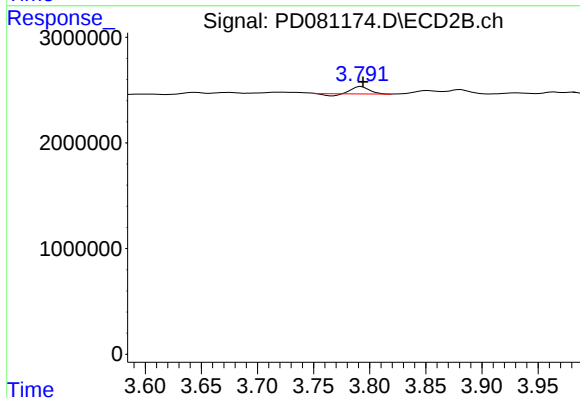
R.T.: 7.041 min  
Delta R.T.: -0.001 min  
Response: 304807  
Conc: 0.12 ng/ml



#23 Chlordane-1

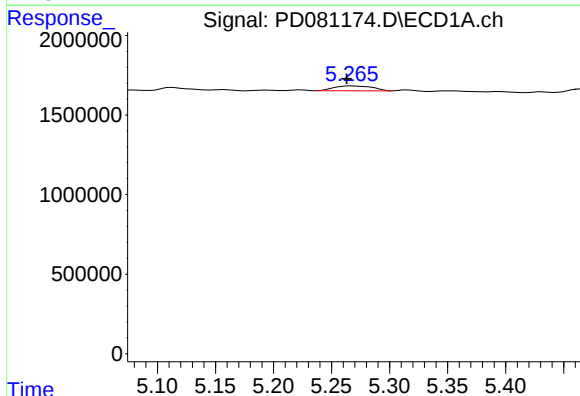
R.T.: 4.731 min  
Delta R.T.: -0.002 min  
Response: 524471  
Conc: 6.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



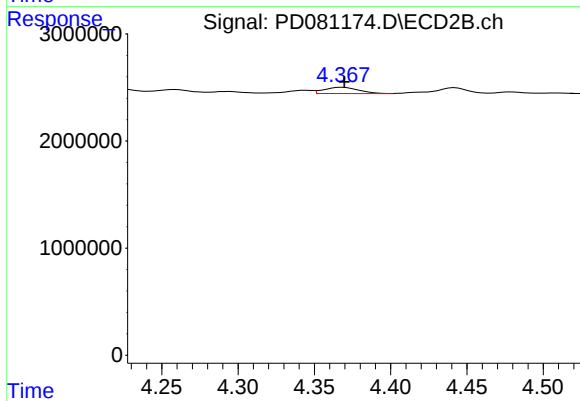
#23 Chlordane-1

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 633862  
Conc: 6.23 ng/ml



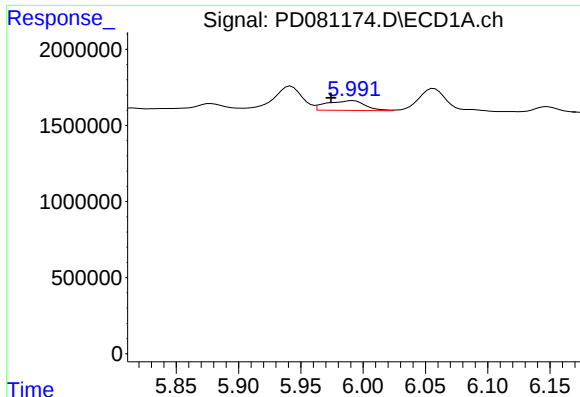
#24 Chlordane-2

R.T.: 5.267 min  
Delta R.T.: 0.003 min  
Response: 697197  
Conc: 8.42 ng/ml



#24 Chlordane-2

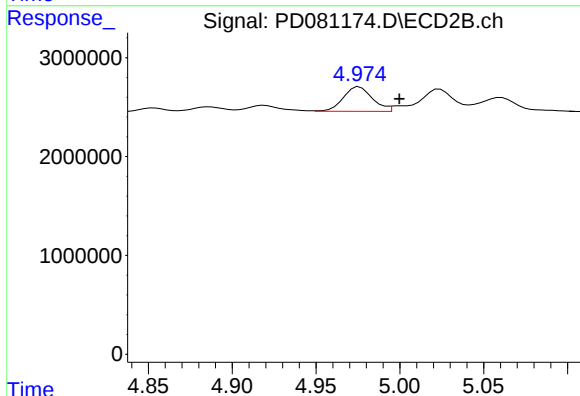
R.T.: 4.369 min  
Delta R.T.: -0.001 min  
Response: 908324  
Conc: 7.41 ng/ml



#25 Chlordane-3

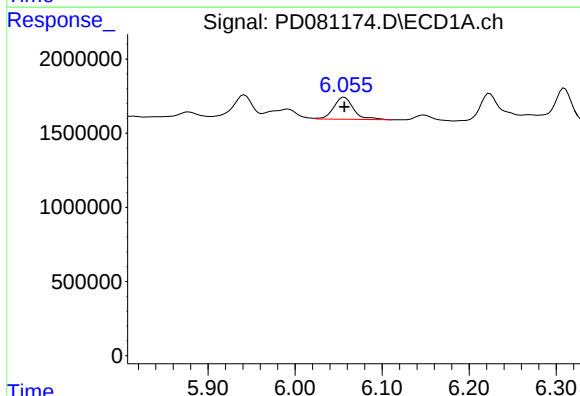
R.T.: 5.992 min  
Delta R.T.: 0.017 min  
Response: 1382961  
Conc: 4.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



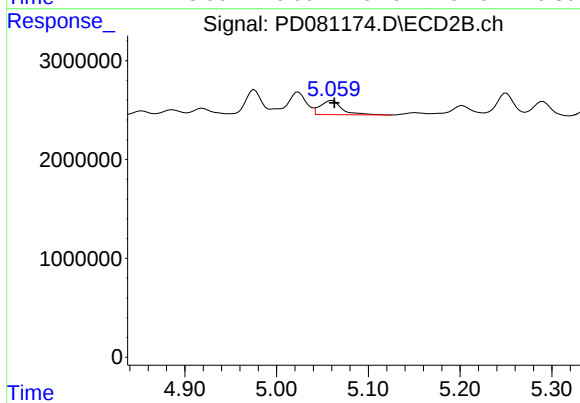
#25 Chlordane-3

R.T.: 4.976 min  
Delta R.T.: -0.024 min  
Response: 2991492  
Conc: 8.91 ng/ml



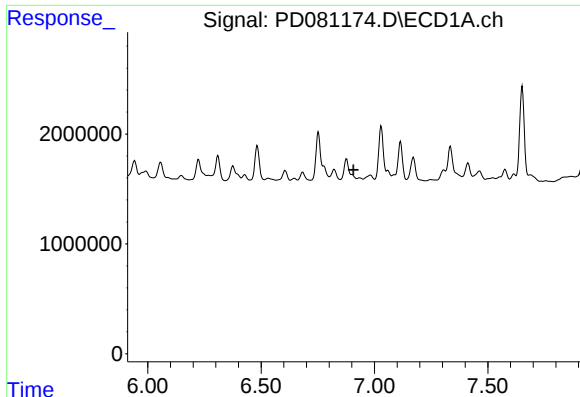
#26 Chlordane-4

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 2345906  
Conc: 6.16 ng/ml



#26 Chlordane-4

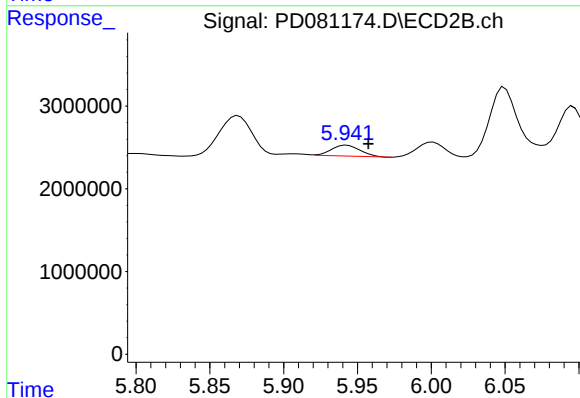
R.T.: 5.061 min  
Delta R.T.: -0.002 min  
Response: 2354564  
Conc: 7.41 ng/ml



#27 Chlordane-5

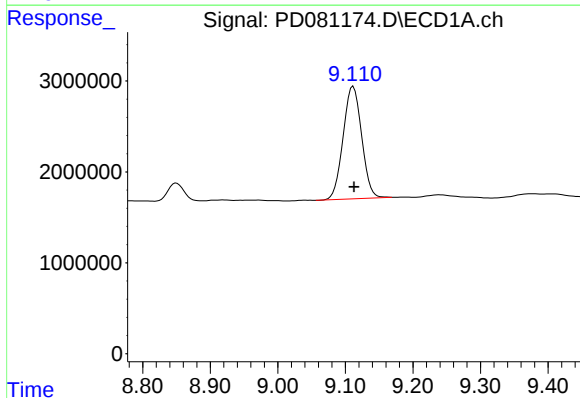
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
EB-7-5-7D



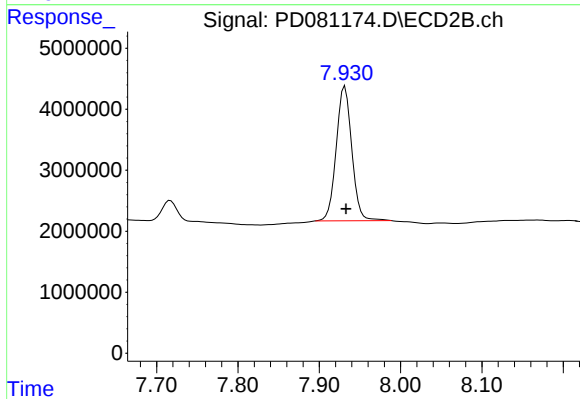
#27 Chlordane-5

R.T.: 5.943 min  
Delta R.T.: -0.015 min  
Response: 1770873  
Conc: 14.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: -0.001 min  
Response: 23548460  
Conc: 11.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.001 min  
Response: 29457064  
Conc: 11.06 ng/ml