

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012120\  
 Data File : PD057025.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2020 02:17  
 Operator : AJ\MA  
 Sample : L1161-09  
 Misc : MDL 1 PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MDL-WATER-03-QT1-2020

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 04:31:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011820.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 20 05:43:46 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.285 | 3.960 | 18716689 | 37582236 | 22.664 | 22.967  |
| 28)                         | SA Decachlor... | 7.955 | 8.995 | 22245528 | 38345872 | 22.953 | 23.006  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.712 | 4.346 | 1128456  | 2252399  | 0.864  | 0.890   |
| 3)                          | MA gamma-BHC... | 3.986 | 4.628 | 1442899  | 2145264  | 1.082m | 0.878   |
| 4)                          | MA Heptachlor   | 4.272 | 5.134 | 1034573  | 2600066  | 0.887  | 1.087   |
| 5)                          | MB Aldrin       | 4.510 | 5.437 | 1140139  | 2413594  | 0.981  | 1.065   |
| 6)                          | B beta-BHC      | 4.235 | 4.796 | 466831   | 1117729  | 0.904m | 1.062m  |
| 7)                          | B delta-BHC     | 4.431 | 5.012 | 991245   | 1385190  | 0.796  | 0.619m  |
| 8)                          | B Heptachlo...  | 4.947 | 5.821 | 1080580  | 2339713  | 1.006  | 1.078   |
| 9)                          | A Endosulfan I  | 5.275 | 6.177 | 985507   | 2611828  | 1.003m | 1.287 # |
| 10)                         | B gamma-Chl...  | 5.169 | 6.053 | 1123780  | 2551983  | 1.035  | 1.146m  |
| 11)                         | B alpha-Chl...  | 5.226 | 6.126 | 1089844  | 2483924  | 1.007  | 1.116m  |
| 12)                         | B 4,4'-DDE      | 5.394 | 6.284 | 964430   | 1973882  | 1.021  | 0.988   |
| 13)                         | MA Dieldrin     | 5.517 | 6.433 | 1045480  | 2281810  | 0.982  | 1.065   |
| 14)                         | MA Endrin       | 5.770 | 6.649 | 837478   | 1884175  | 0.942  | 1.095   |
| 15)                         | B Endosulfa...  | 6.042 | 6.858 | 941151   | 2295695  | 0.971m | 1.203   |
| 16)                         | A 4,4'-DDD      | 5.903 | 6.772 | 783913   | 1774492  | 0.935m | 1.055   |
| 17)                         | MA 4,4'-DDT     | 6.140 | 7.070 | 352331   | 1312604  | 0.489m | 0.852 # |
| 18)                         | B Endrin al...  | 6.213 | 6.982 | 2126296  | 1938446  | 2.515  | 1.175 # |
| 19)                         | B Endosulfa...  | 6.423 | 7.204 | 998711   | 2114992  | 1.090  | 1.155   |
| 20)                         | A Methoxychlor  | 6.689 | 7.528 | 622278   | 852109   | 1.586  | 0.966 # |
| 21)                         | B Endrin ke...  | 6.905 | 7.673 | 1145959  | 2289124  | 1.043m | 1.114   |
| 22)                         | Mirex           | 7.082 | 8.125 | 1697565  | 2231173  | 2.020  | 1.523   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012120\  
Data File : PD057025.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jan 2020 02:17  
Operator : AJ\MA  
Sample : L1161-09  
Misc : MDL 1 PPB  
ALS Vial : 10 Sample Multiplier: 1

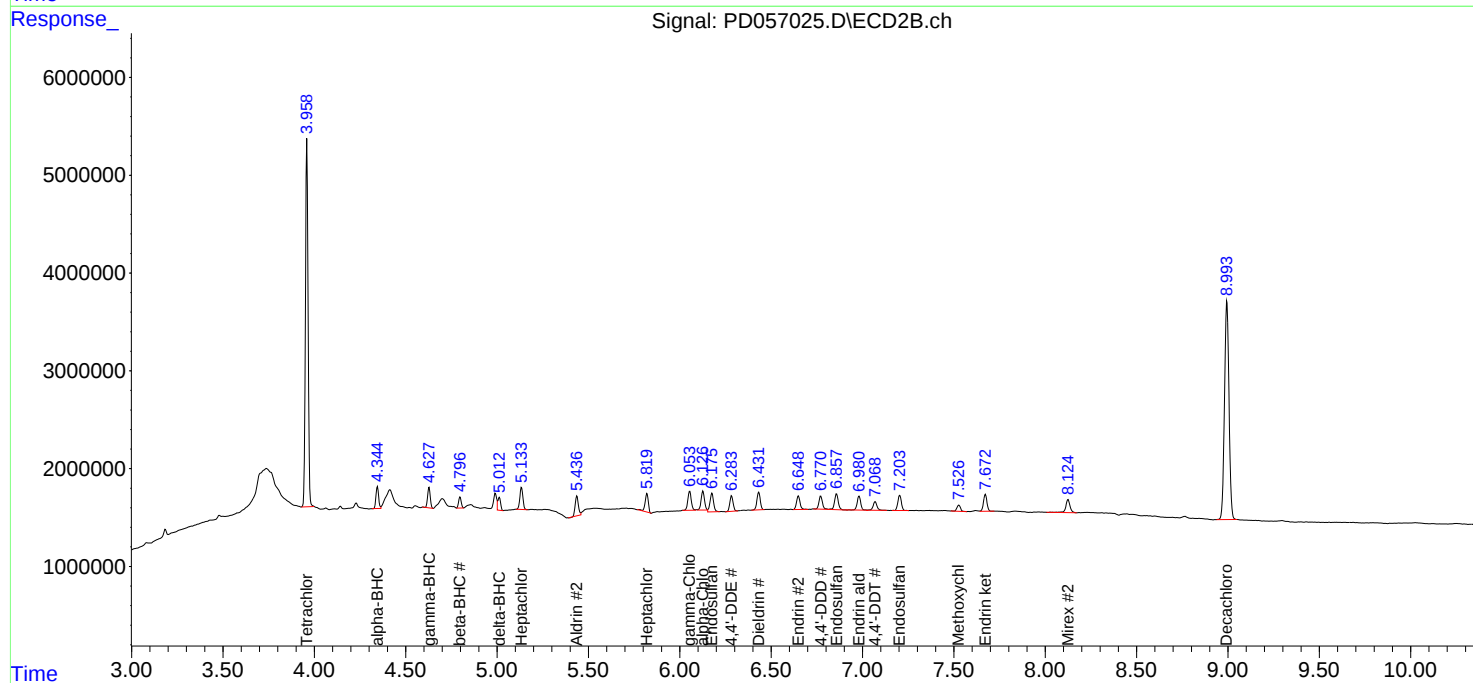
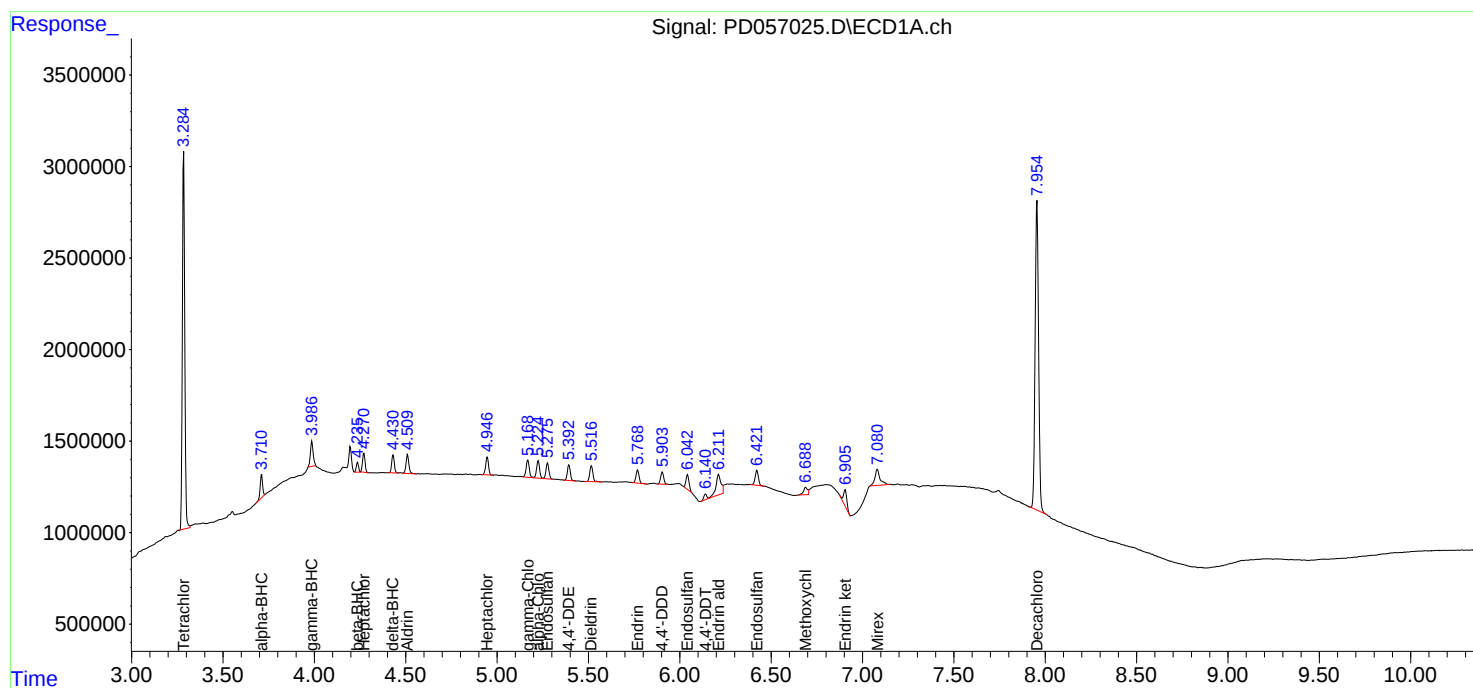
Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

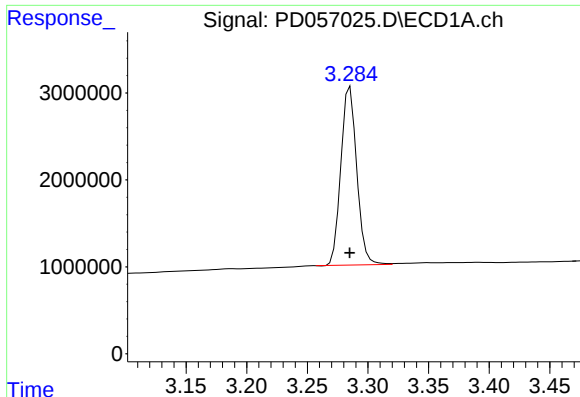
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 21 04:31:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011820.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 20 05:43:46 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





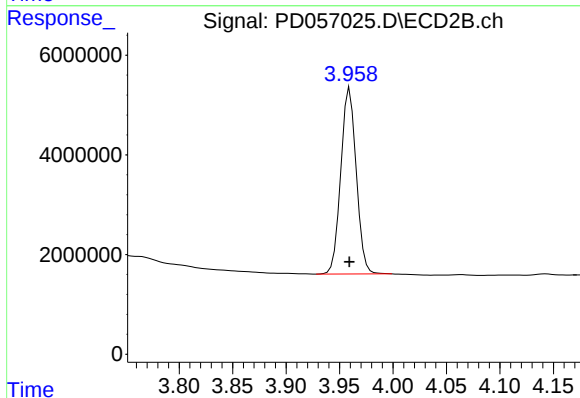
#1 Tetrachloro-m-xylene

R.T.: 3.285 min  
Delta R.T.: 0.000 min  
Response: 18716689  
Conc: 22.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

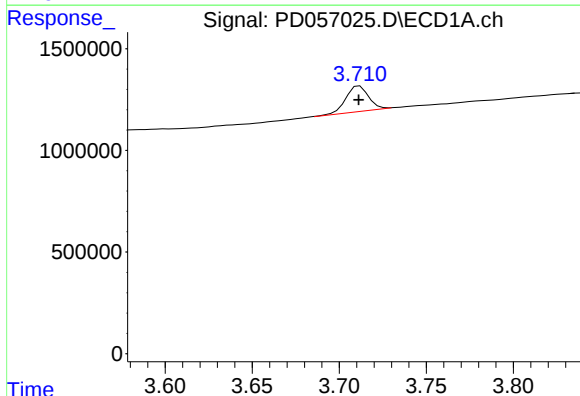
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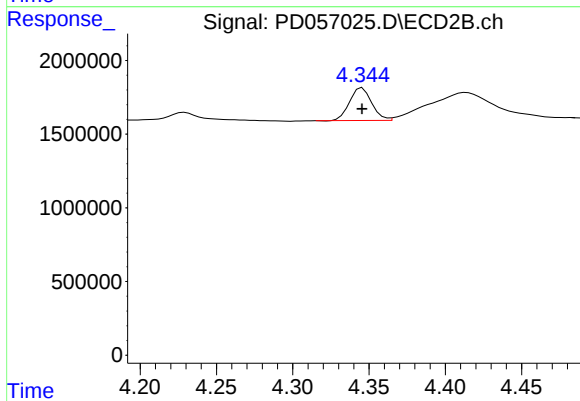
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: 0.000 min  
Response: 37582236  
Conc: 22.97 ng/ml



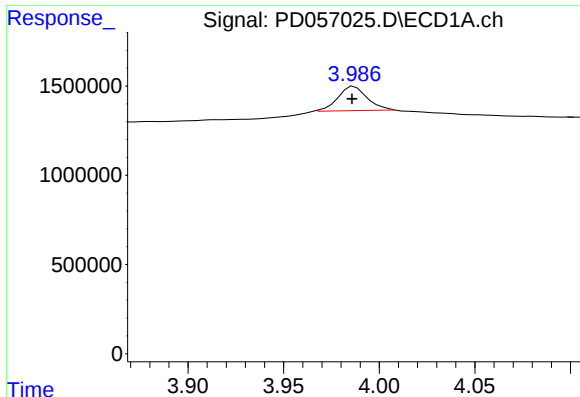
#2 alpha-BHC

R.T.: 3.712 min  
Delta R.T.: 0.000 min  
Response: 1128456  
Conc: 0.86 ng/ml



#2 alpha-BHC

R.T.: 4.346 min  
Delta R.T.: 0.000 min  
Response: 2252399  
Conc: 0.89 ng/ml



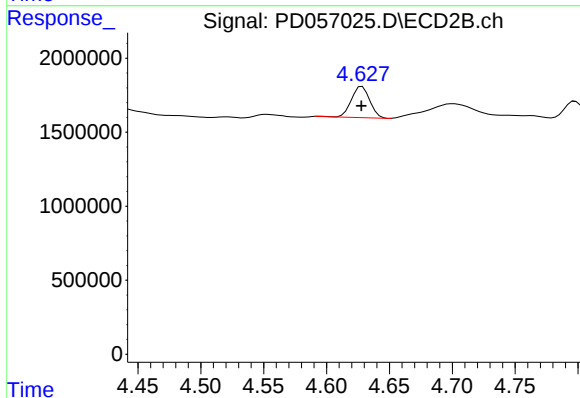
#3 gamma-BHC (Lindane)

R.T.: 3.986 min  
Delta R.T.: 0.000 min  
Response: 1442899  
Conc: 1.08 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

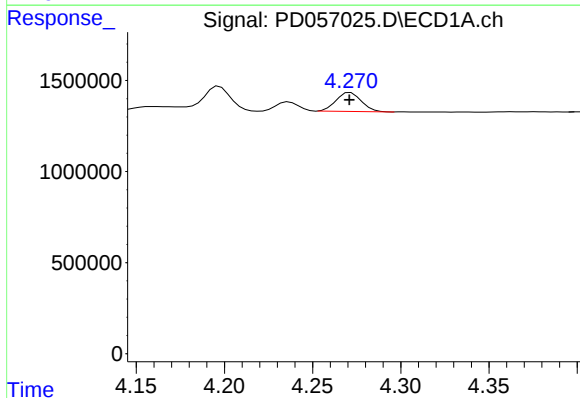
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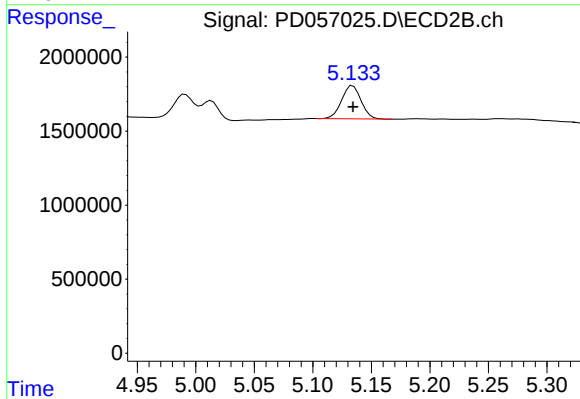
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 2145264  
Conc: 0.88 ng/ml



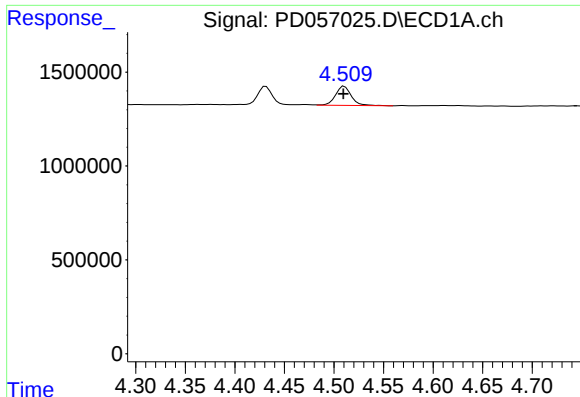
#4 Heptachlor

R.T.: 4.272 min  
Delta R.T.: 0.000 min  
Response: 1034573  
Conc: 0.89 ng/ml



#4 Heptachlor

R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 2600066  
Conc: 1.09 ng/ml



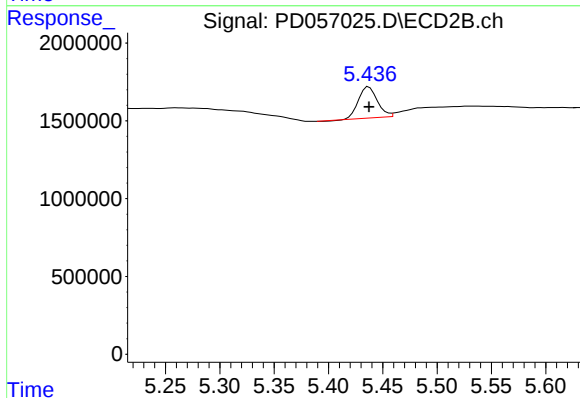
#5 Aldrin

R.T.: 4.510 min  
Delta R.T.: 0.000 min  
Response: 1140139  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

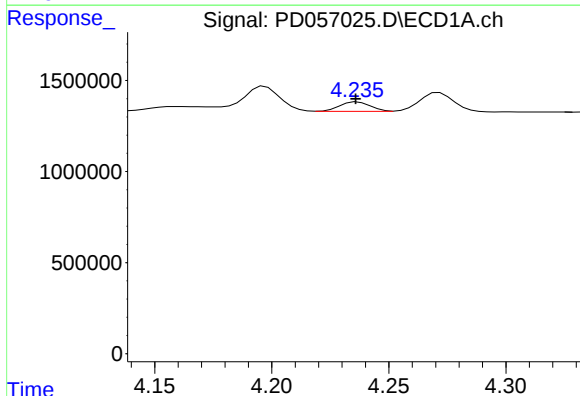
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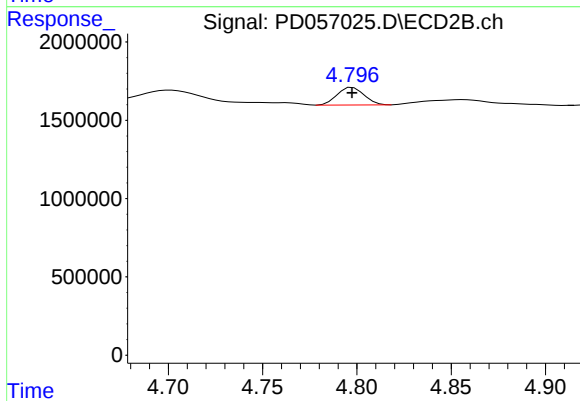
#5 Aldrin

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 2413594  
Conc: 1.06 ng/ml



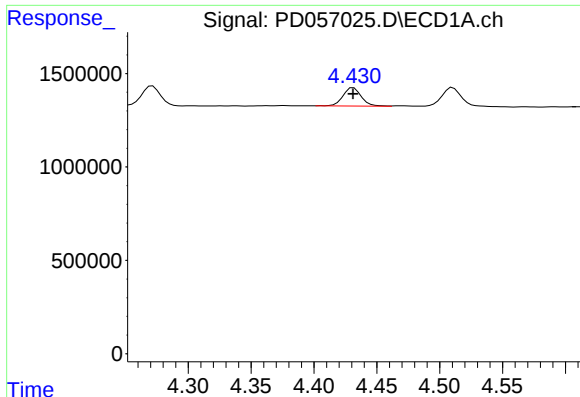
#6 beta-BHC

R.T.: 4.235 min  
Delta R.T.: 0.000 min  
Response: 466831  
Conc: 0.90 ng/ml m



#6 beta-BHC

R.T.: 4.796 min  
Delta R.T.: -0.001 min  
Response: 1117729  
Conc: 1.06 ng/ml m



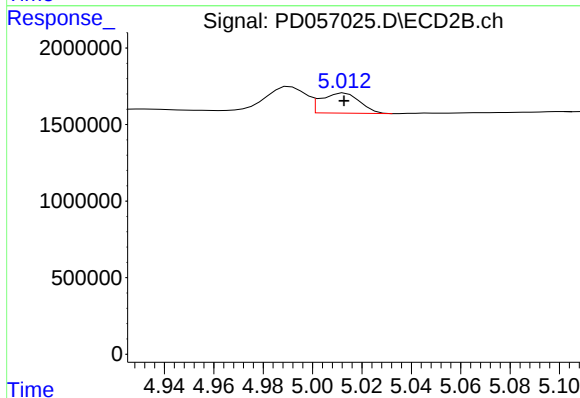
#7 delta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 991245  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

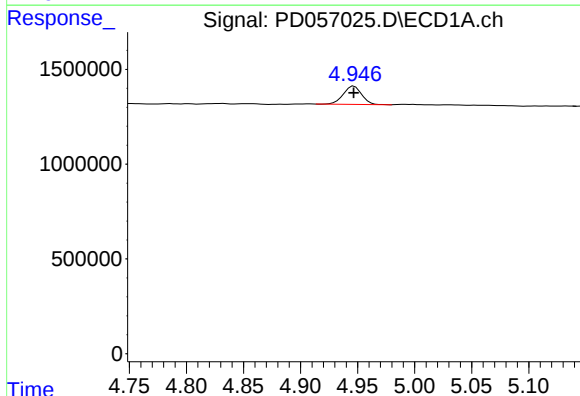
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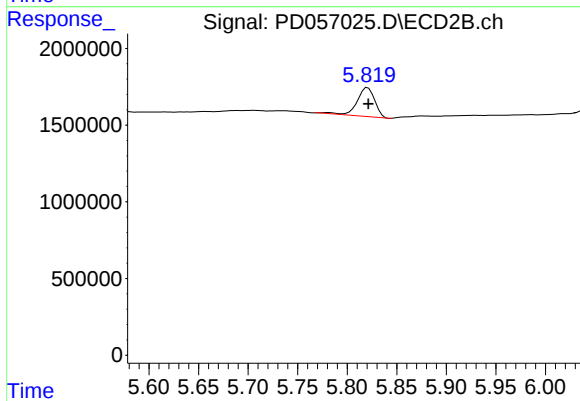
#7 delta-BHC

R.T.: 5.012 min  
Delta R.T.: 0.000 min  
Response: 1385190  
Conc: 0.62 ng/ml m



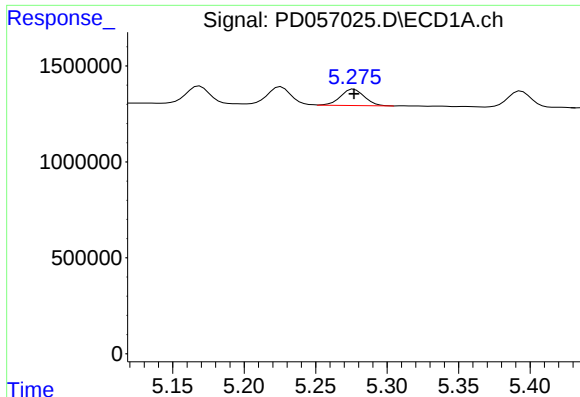
#8 Heptachlor epoxide

R.T.: 4.947 min  
Delta R.T.: 0.000 min  
Response: 1080580  
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 2339713  
Conc: 1.08 ng/ml



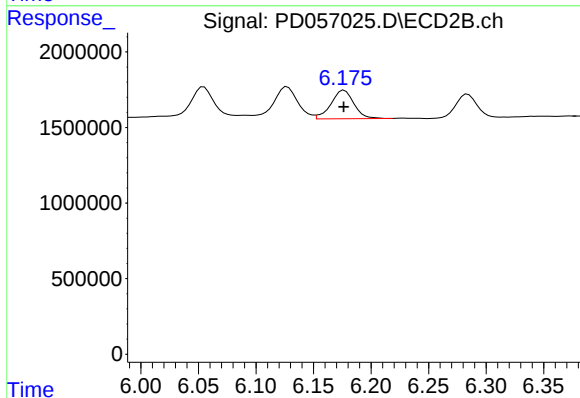
#9 Endosulfan I

R.T.: 5.275 min  
Delta R.T.: -0.002 min  
Response: 985507  
Conc: 1.00 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

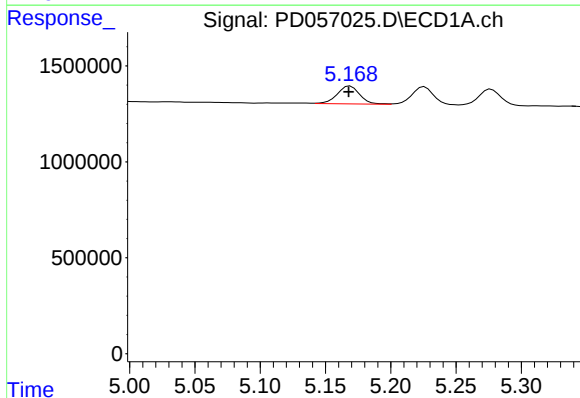
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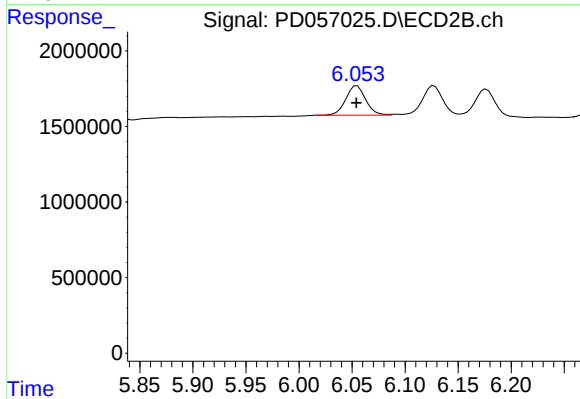
#9 Endosulfan I

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 2611828  
Conc: 1.29 ng/ml



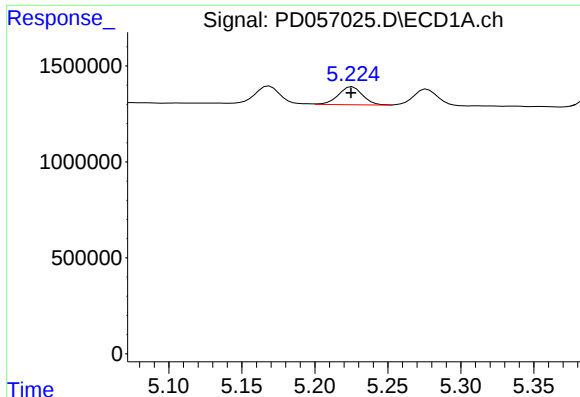
#10 gamma-Chlordane

R.T.: 5.169 min  
Delta R.T.: 0.001 min  
Response: 1123780  
Conc: 1.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 2551983  
Conc: 1.15 ng/ml m



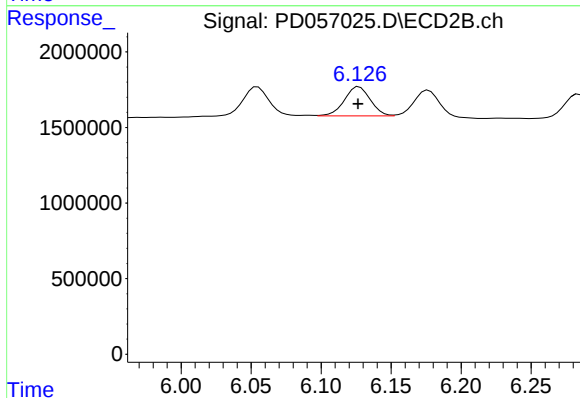
#11 alpha-Chlordane

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 1089844  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

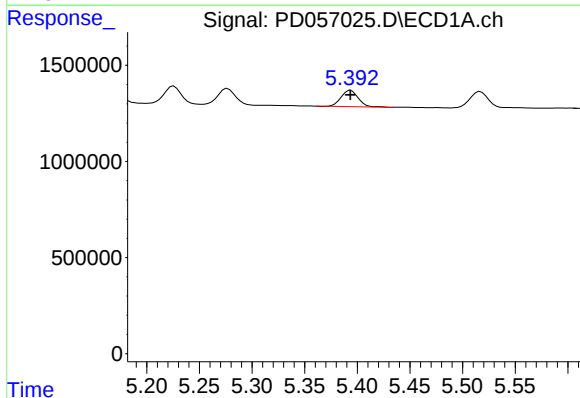
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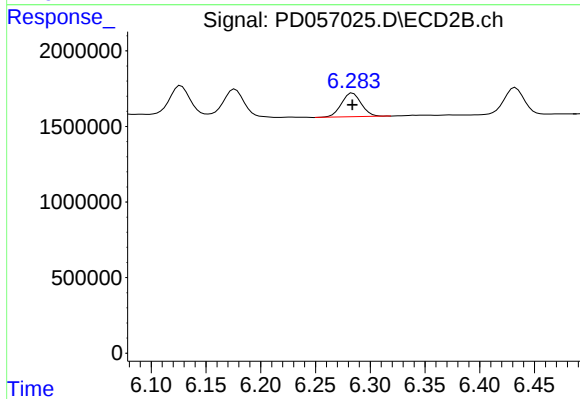
#11 alpha-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 2483924  
Conc: 1.12 ng/ml m



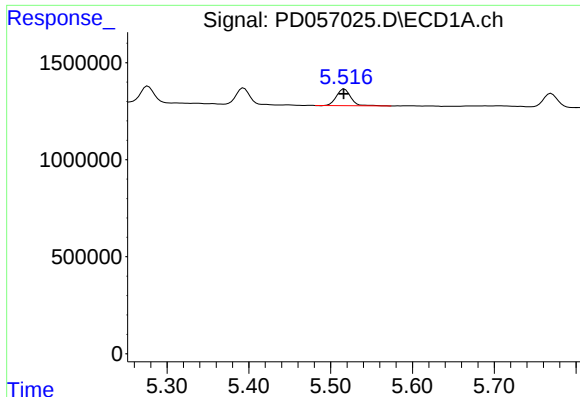
#12 4,4'-DDE

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 964430  
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 1973882  
Conc: 0.99 ng/ml



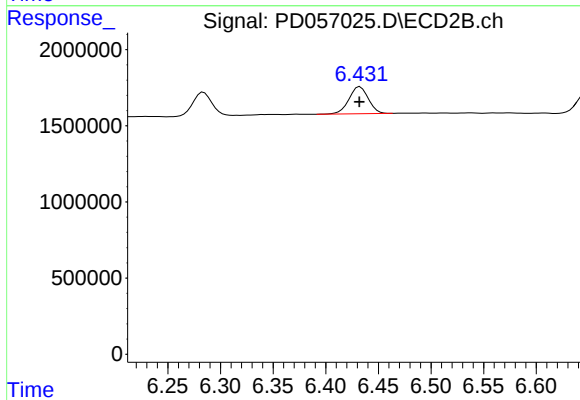
#13 Dieldrin

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 1045480  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

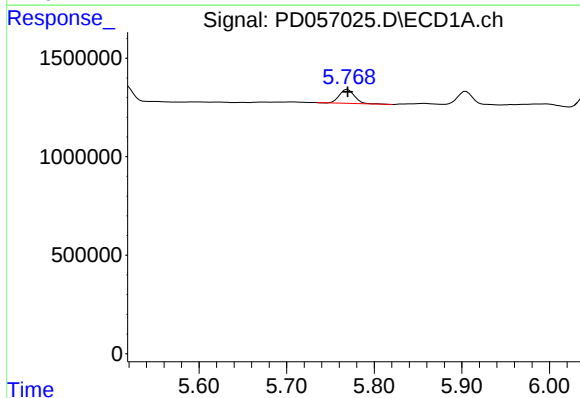
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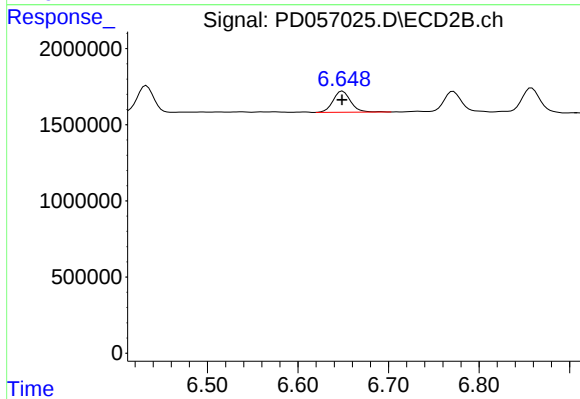
#13 Dieldrin

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 2281810  
Conc: 1.07 ng/ml



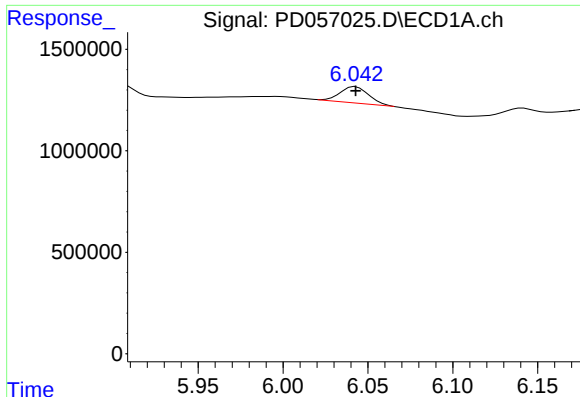
#14 Endrin

R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 837478  
Conc: 0.94 ng/ml



#14 Endrin

R.T.: 6.649 min  
Delta R.T.: 0.000 min  
Response: 1884175  
Conc: 1.09 ng/ml



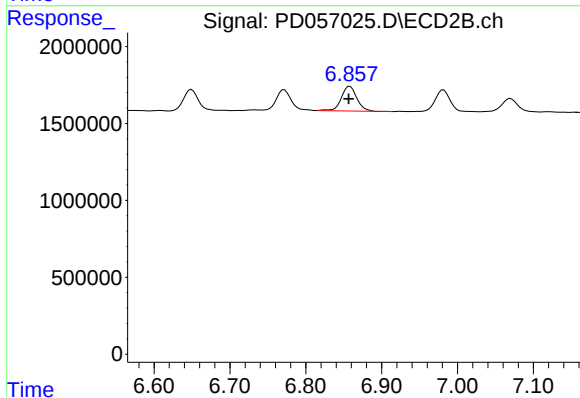
#15 Endosulfan II

R.T.: 6.042 min  
Delta R.T.: -0.001 min  
Response: 941151  
Conc: 0.97 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

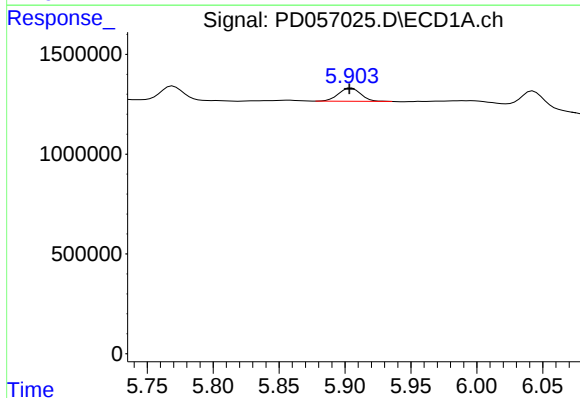
Manual Integrations  
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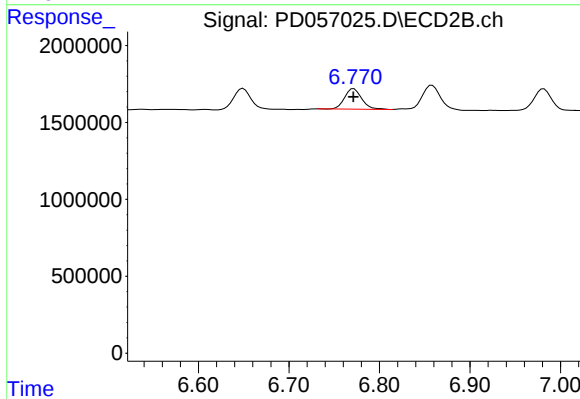
#15 Endosulfan II

R.T.: 6.858 min  
Delta R.T.: 0.002 min  
Response: 2295695  
Conc: 1.20 ng/ml



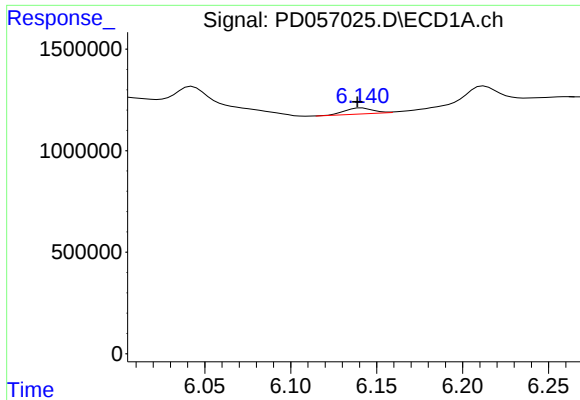
#16 4,4'-DDD

R.T.: 5.903 min  
Delta R.T.: 0.000 min  
Response: 783913  
Conc: 0.93 ng/ml m



#16 4,4'-DDD

R.T.: 6.772 min  
Delta R.T.: 0.000 min  
Response: 1774492  
Conc: 1.05 ng/ml



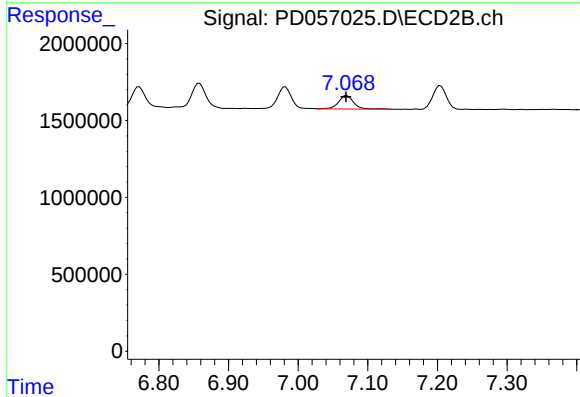
#17 4,4'-DDT

R.T.: 6.140 min  
Delta R.T.: 0.001 min  
Response: 352331  
Conc: 0.49 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

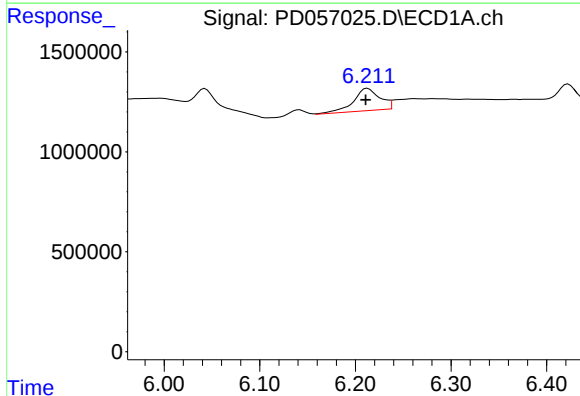
Manual Integrations  
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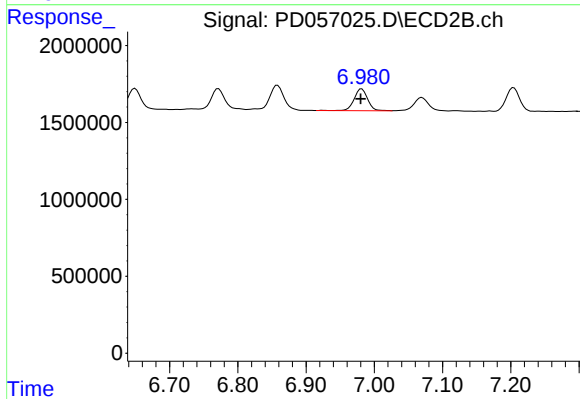
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 1312604  
Conc: 0.85 ng/ml



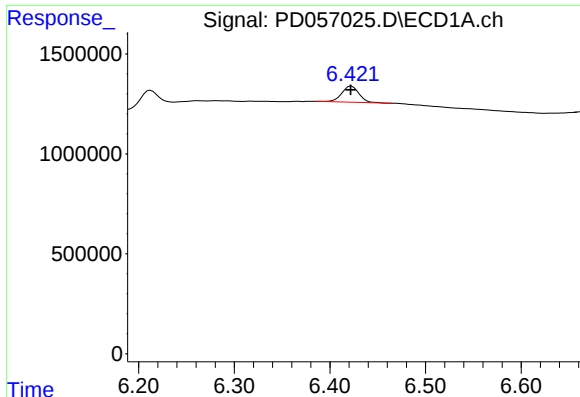
#18 Endrin aldehyde

R.T.: 6.213 min  
Delta R.T.: 0.002 min  
Response: 2126296  
Conc: 2.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min  
Delta R.T.: 0.002 min  
Response: 1938446  
Conc: 1.18 ng/ml



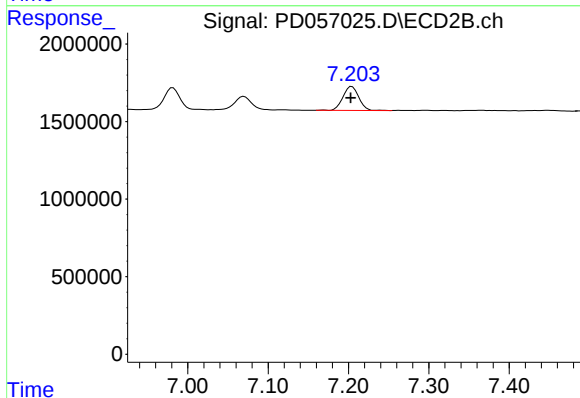
#19 Endosulfan Sulfate

R.T.: 6.423 min  
Delta R.T.: 0.000 min  
Response: 998711  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

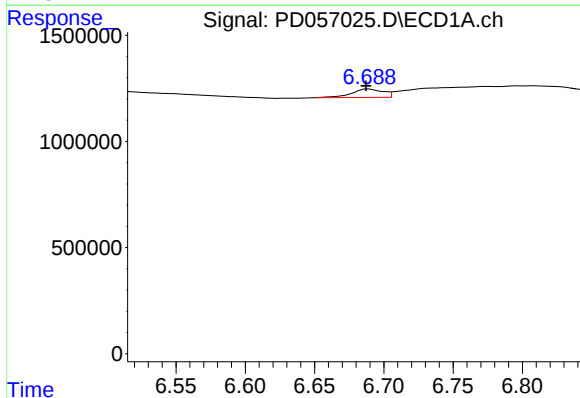
Manual Integrations  
APPROVED

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1/21/2020 2:59:25 PM



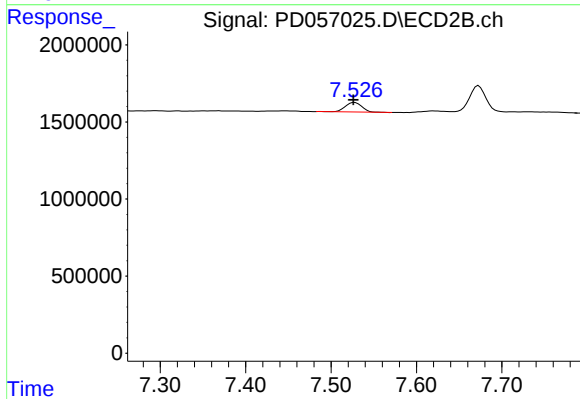
#19 Endosulfan Sulfate

R.T.: 7.204 min  
Delta R.T.: 0.002 min  
Response: 2114992  
Conc: 1.15 ng/ml



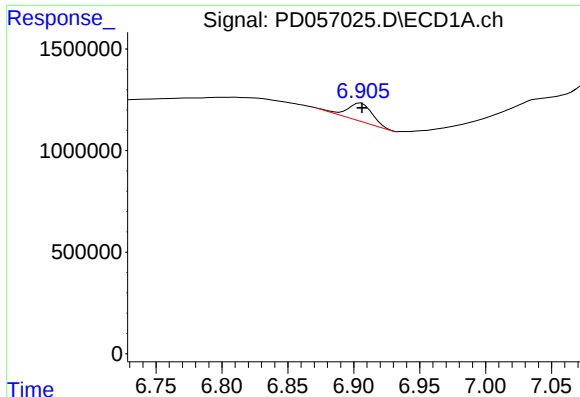
#20 Methoxychlor

R.T.: 6.689 min  
Delta R.T.: 0.002 min  
Response: 622278  
Conc: 1.59 ng/ml



#20 Methoxychlor

R.T.: 7.528 min  
Delta R.T.: 0.002 min  
Response: 852109  
Conc: 0.97 ng/ml



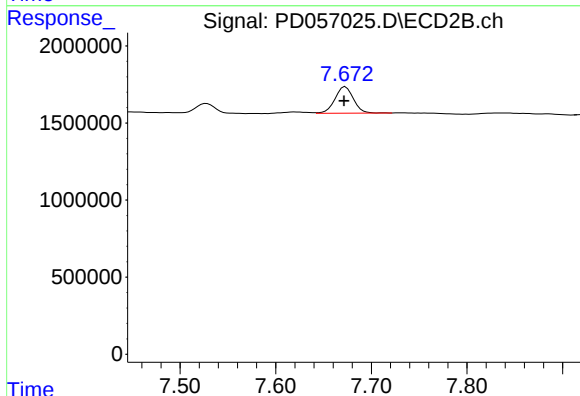
#21 Endrin ketone

R.T.: 6.905 min  
Delta R.T.: -0.001 min  
Response: 1145959  
Conc: 1.04 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

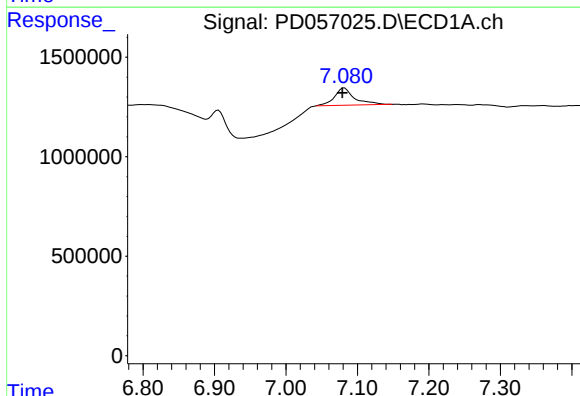
Manual Integrations  
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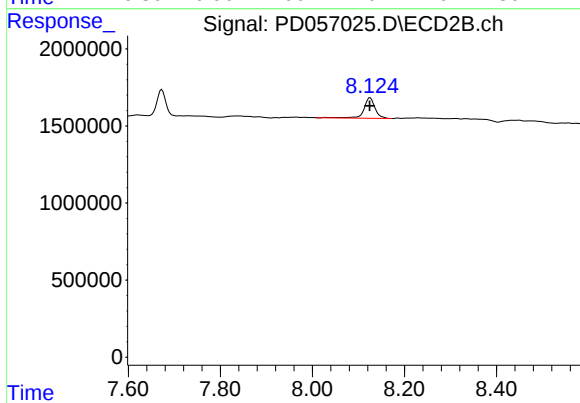
#21 Endrin ketone

R.T.: 7.673 min  
Delta R.T.: 0.001 min  
Response: 2289124  
Conc: 1.11 ng/ml



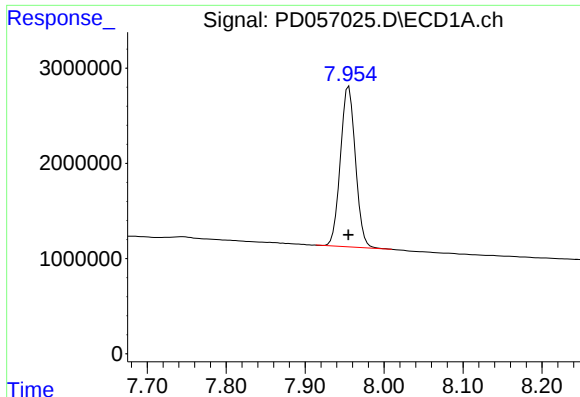
#22 Mirex

R.T.: 7.082 min  
Delta R.T.: 0.002 min  
Response: 1697565  
Conc: 2.02 ng/ml



#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 2231173  
Conc: 1.52 ng/ml



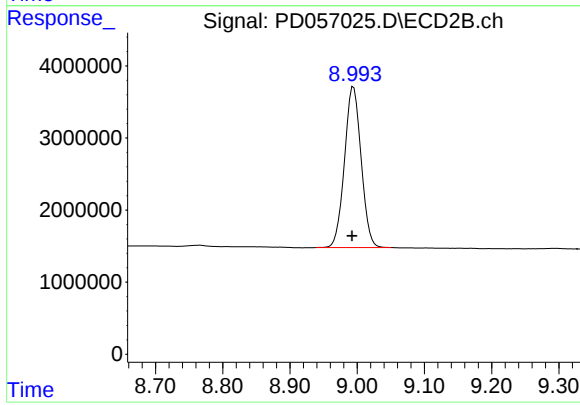
#28 Decachlorobiphenyl

R.T.: 7.955 min  
Delta R.T.: 0.000 min  
Response: 22245528  
Conc: 22.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-WATER-03-QT1-2020

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.995 min  
Delta R.T.: 0.002 min  
Response: 38345872  
Conc: 23.01 ng/ml