

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050721\  
 Data File : PD062784.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 May 2021 19:07  
 Operator : AR\AJ  
 Sample : M2262-08  
 Misc : PEST LOQ 5 PPB  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 07 09:23:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 2021  
 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... | 3.442 | 3.971 | 18465959 | 230.3E6  | 20.767 | 19.897  |
| 28)                         | SA Decachlor... | 8.201 | 9.030 | 22899223 | 265.3E6  | 21.629 | 22.994  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.878 | 4.360 | 5644257  | 86463176 | 4.059  | 4.491   |
| 3)                          | MA gamma-BHC... | 4.161 | 4.644 | 5538323  | 74416470 | 4.238  | 4.305   |
| 4)                          | MA Heptachlor   | 4.463 | 5.153 | 5404859  | 78192763 | 4.257  | 4.455   |
| 5)                          | MB Aldrin       | 4.711 | 5.457 | 5015480  | 75171613 | 4.166  | 4.495   |
| 6)                          | B beta-BHC      | 4.413 | 4.815 | 2565735  | 30904265 | 4.283  | 4.052   |
| 7)                          | B delta-BHC     | 4.617 | 5.031 | 4861265  | 99456335 | 3.605  | 5.510 # |
| 8)                          | B Heptachlo...  | 5.154 | 5.844 | 5144325  | 87963411 | 4.446  | 5.507   |
| 9)                          | A Endosulfan I  | 5.493 | 6.199 | 4867352  | 68389337 | 4.443  | 4.633   |
| 10)                         | B gamma-Chl...  | 5.381 | 6.077 | 5152096  | 71920498 | 4.377  | 4.520   |
| 11)                         | B alpha-Chl...  | 5.440 | 6.150 | 5122394  | 68870276 | 4.423  | 4.511   |
| 12)                         | B 4,4'-DDE      | 5.602 | 6.307 | 4896574  | 70507490 | 4.258m | 4.452   |
| 13)                         | MA Dieldrin     | 5.737 | 6.457 | 5278140  | 75784526 | 4.395  | 4.690   |
| 14)                         | MA Endrin       | 5.994 | 6.673 | 5094454  | 62198122 | 4.584  | 4.424m  |
| 15)                         | B Endosulfa...  | 6.268 | 6.883 | 4523701  | 61943544 | 4.342  | 4.637   |
| 16)                         | A 4,4'-DDD      | 6.121 | 6.797 | 3930934  | 60448211 | 4.128  | 4.678   |
| 17)                         | MA 4,4'-DDT     | 6.362 | 7.096 | 3612588  | 60210841 | 3.763  | 4.727 # |
| 18)                         | B Endrin al...  | 6.437 | 7.007 | 4727518  | 57150775 | 5.068  | 4.898   |
| 19)                         | B Endosulfa...  | 6.650 | 7.230 | 4063670  | 62677297 | 3.881  | 4.507   |
| 20)                         | A Methoxychlor  | 6.908 | 7.554 | 3382942  | 29498684 | 5.747  | 4.419   |
| 21)                         | B Endrin ke...  | 7.142 | 7.701 | 5225743  | 67820723 | 4.192  | 4.998   |
| 22)                         | Mirex           | 7.330 | 8.153 | 4000623  | 44143270 | 4.370  | 4.819m  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050721\  
Data File : PD062784.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 May 2021 19:07  
Operator : AR\AJ  
Sample : M2262-08  
Misc : PEST LOQ 5 PPB  
ALS Vial : 23 Sample Multiplier: 1

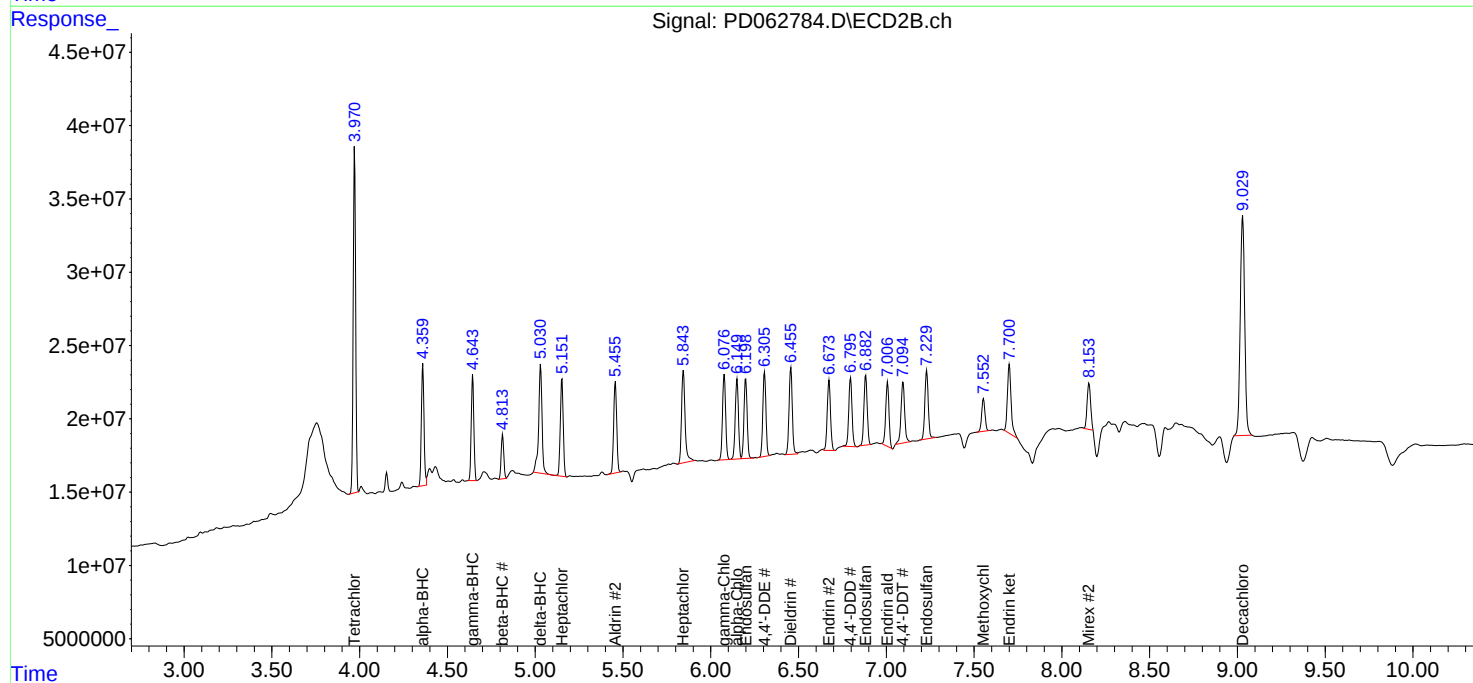
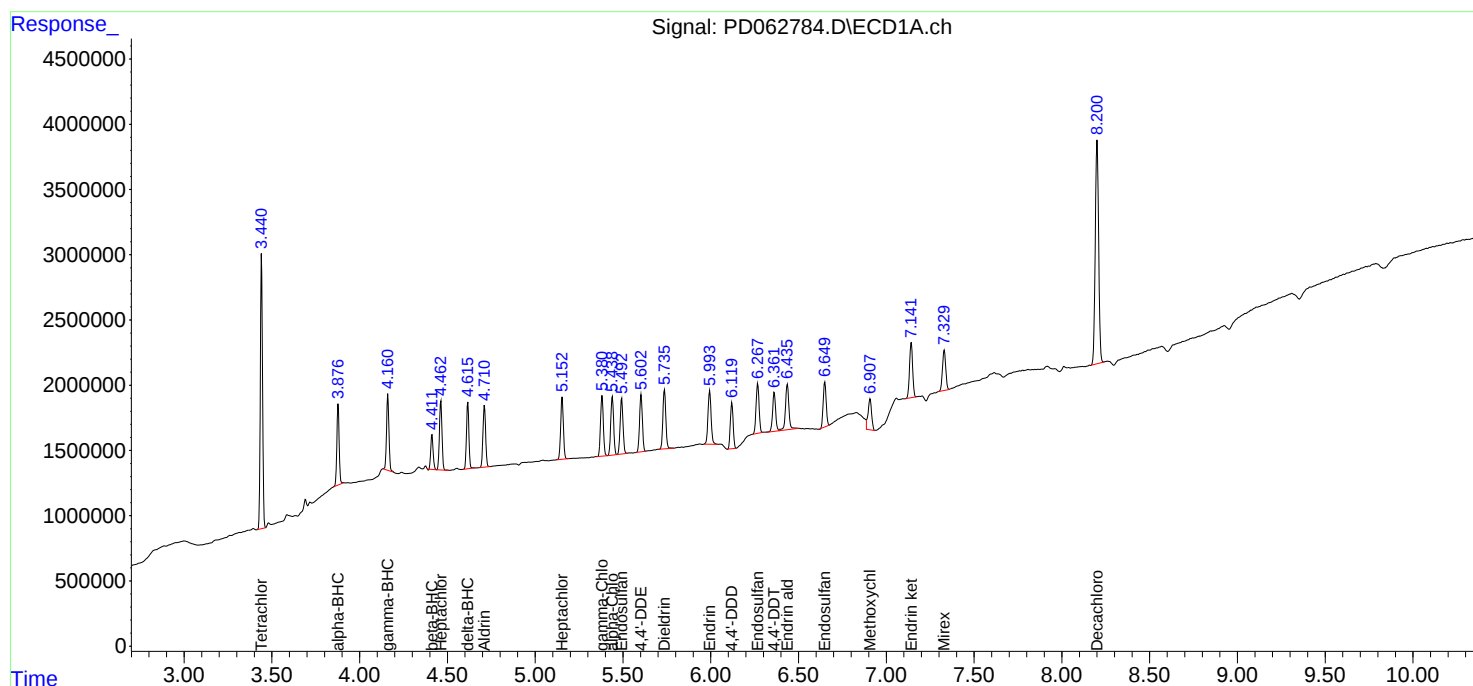
Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

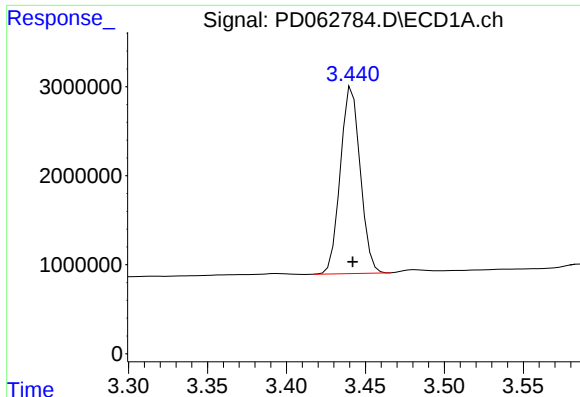
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 07 09:23:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
Quant Title : GC Extractables  
QLast Update : Thu May 06 08:49:38 2021  
Response via : Initial Calibration  
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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





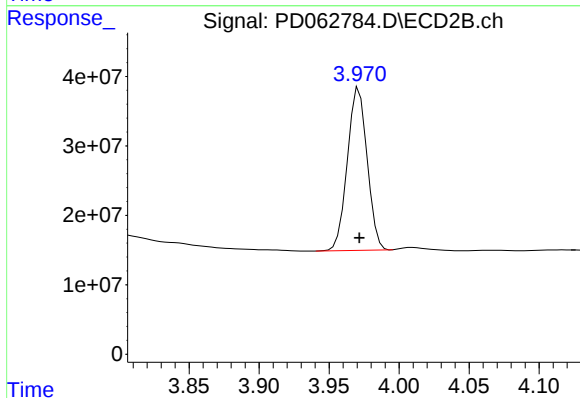
#1 Tetrachloro-m-xylene

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 18465959  
Conc: 20.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

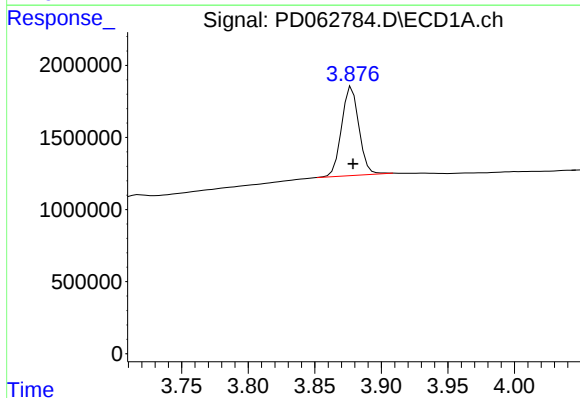
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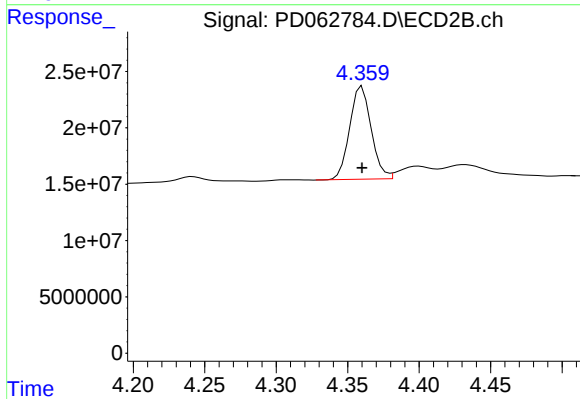
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 230346958  
Conc: 19.90 ng/ml



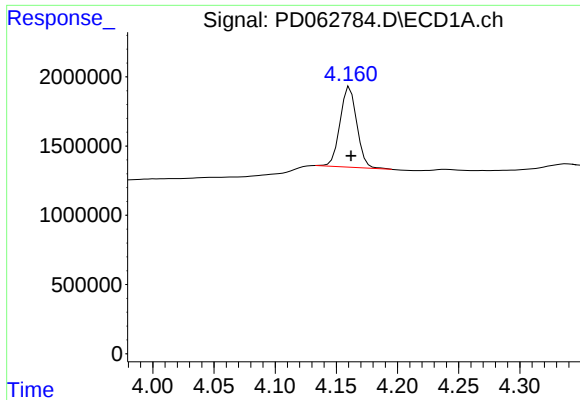
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 5644257  
Conc: 4.06 ng/ml



#2 alpha-BHC

R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 86463176  
Conc: 4.49 ng/ml



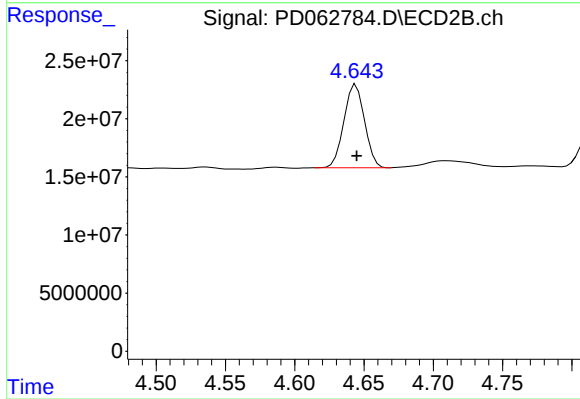
#3 gamma-BHC (Lindane)

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 5538323  
Conc: 4.24 ng/ml

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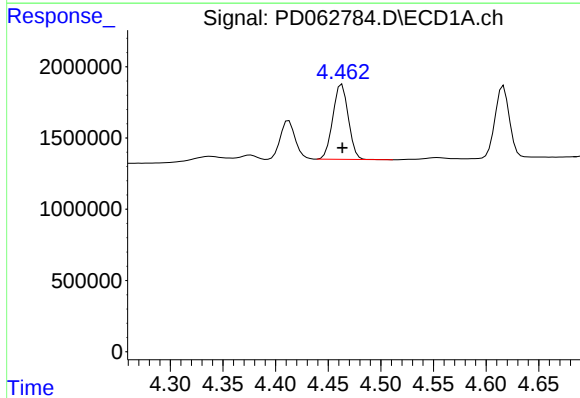
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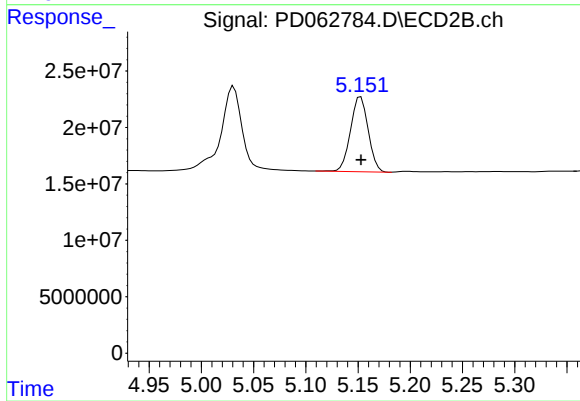
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 74416470  
Conc: 4.31 ng/ml



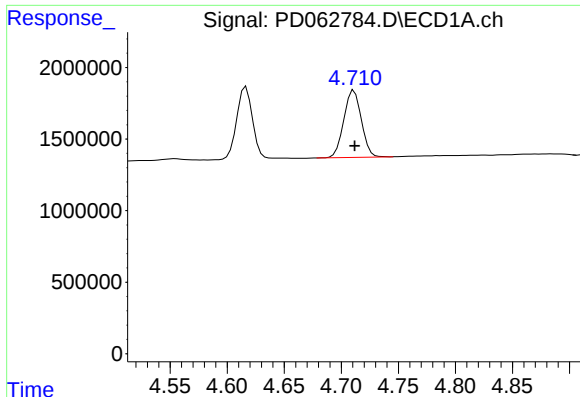
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 5404859  
Conc: 4.26 ng/ml



#4 Heptachlor

R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 78192763  
Conc: 4.45 ng/ml



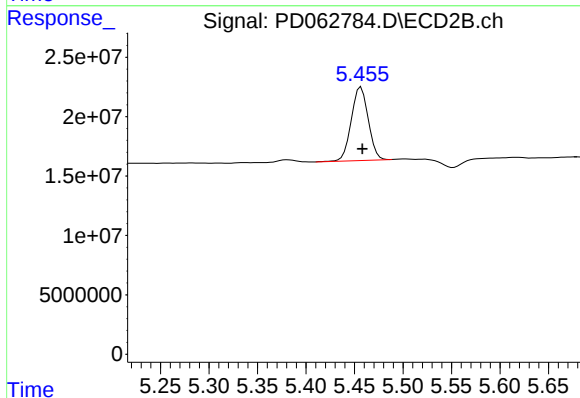
#5 Aldrin

R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 5015480  
Conc: 4.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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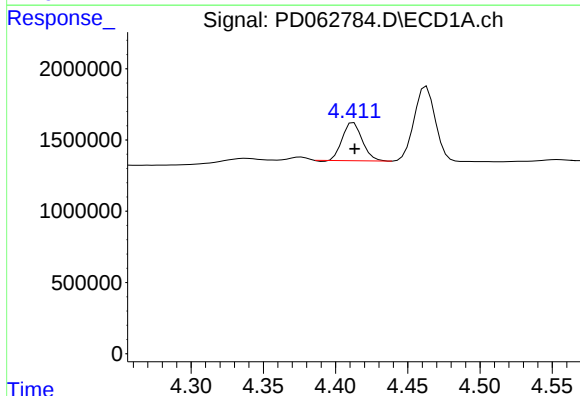
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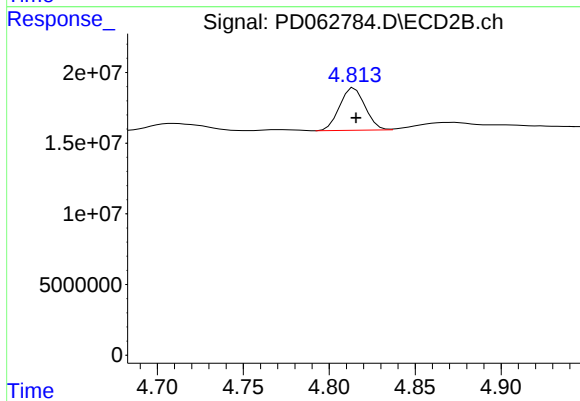
#5 Aldrin

R.T.: 5.457 min  
Delta R.T.: -0.001 min  
Response: 75171613  
Conc: 4.49 ng/ml



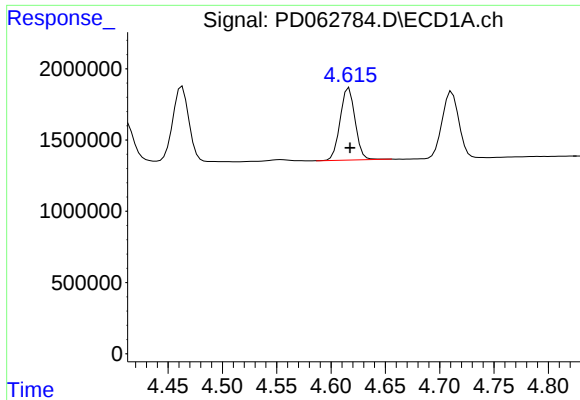
#6 beta-BHC

R.T.: 4.413 min  
Delta R.T.: 0.000 min  
Response: 2565735  
Conc: 4.28 ng/ml



#6 beta-BHC

R.T.: 4.815 min  
Delta R.T.: 0.000 min  
Response: 30904265  
Conc: 4.05 ng/ml



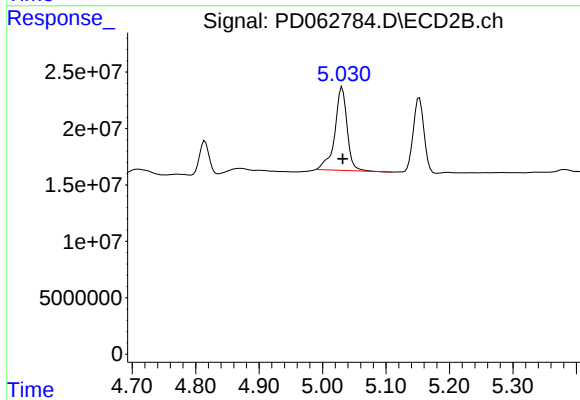
#7 delta-BHC

R.T.: 4.617 min  
Delta R.T.: 0.000 min  
Response: 4861265  
Conc: 3.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

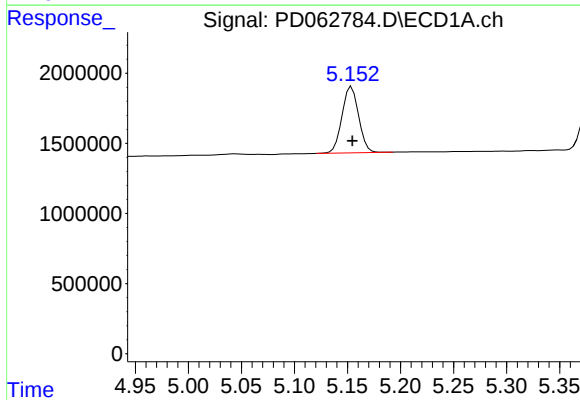
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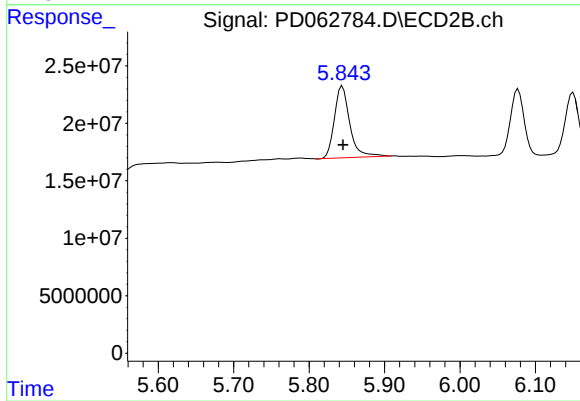
#7 delta-BHC

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 99456335  
Conc: 5.51 ng/ml



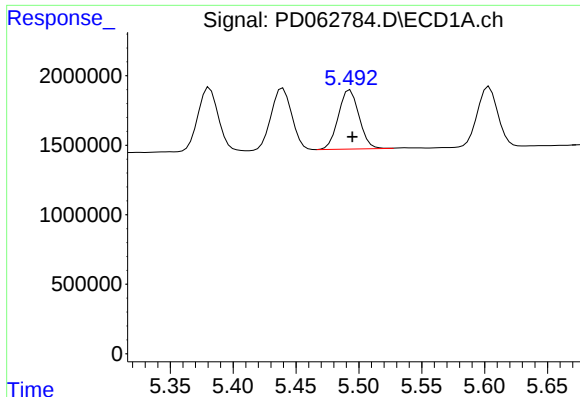
#8 Heptachlor epoxide

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 5144325  
Conc: 4.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 87963411  
Conc: 5.51 ng/ml



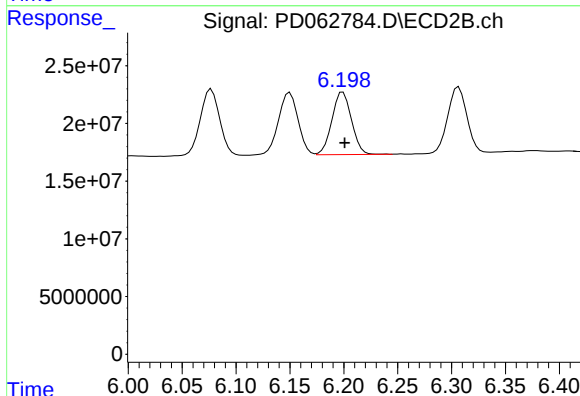
#9 Endosulfan I

R.T.: 5.493 min  
Delta R.T.: -0.002 min  
Response: 4867352  
Conc: 4.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

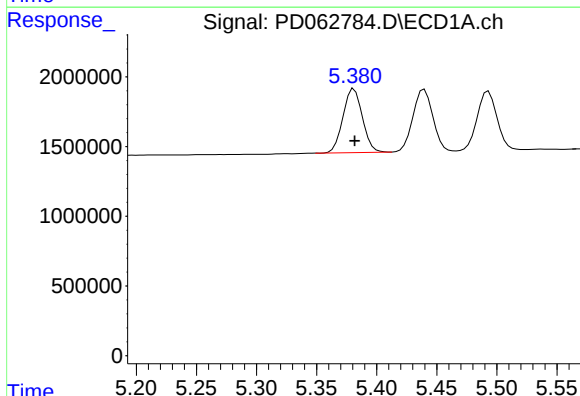
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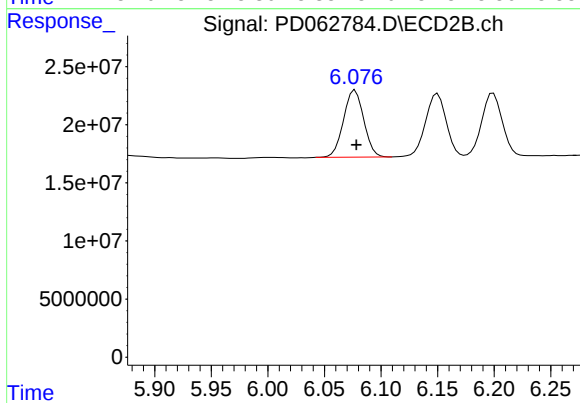
#9 Endosulfan I

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 68389337  
Conc: 4.63 ng/ml



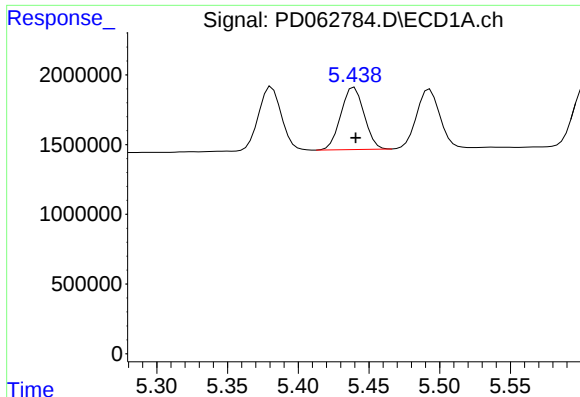
#10 gamma-Chlordane

R.T.: 5.381 min  
Delta R.T.: 0.000 min  
Response: 5152096  
Conc: 4.38 ng/ml



#10 gamma-Chlordane

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 71920498  
Conc: 4.52 ng/ml



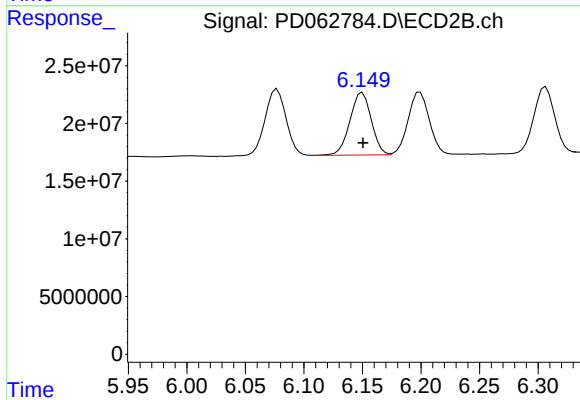
#11 alpha-Chlordane

R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 5122394  
Conc: 4.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

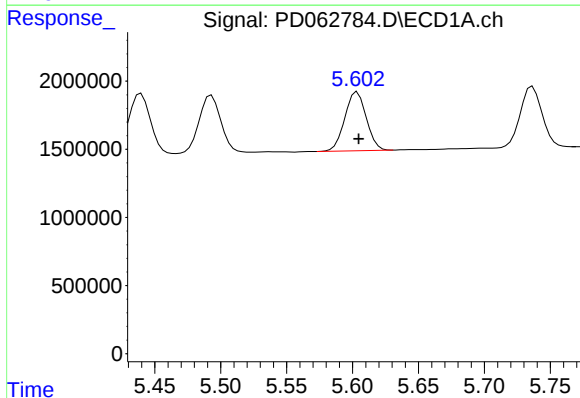
Manual Integrations  
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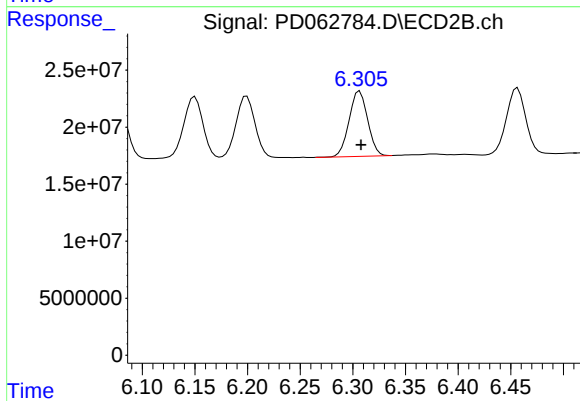
#11 alpha-Chlordane

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 68870276  
Conc: 4.51 ng/ml



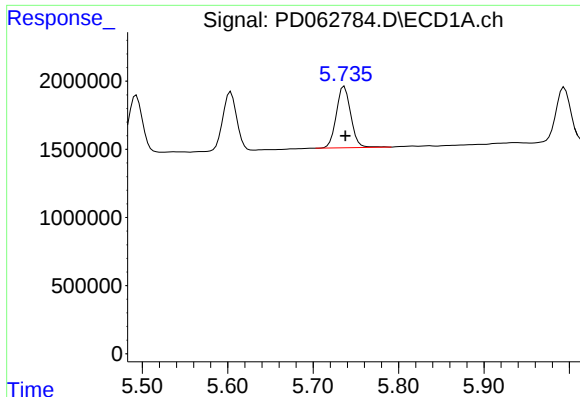
#12 4,4'-DDE

R.T.: 5.602 min  
Delta R.T.: -0.002 min  
Response: 4896574  
Conc: 4.26 ng/ml m



#12 4,4'-DDE

R.T.: 6.307 min  
Delta R.T.: -0.001 min  
Response: 70507490  
Conc: 4.45 ng/ml



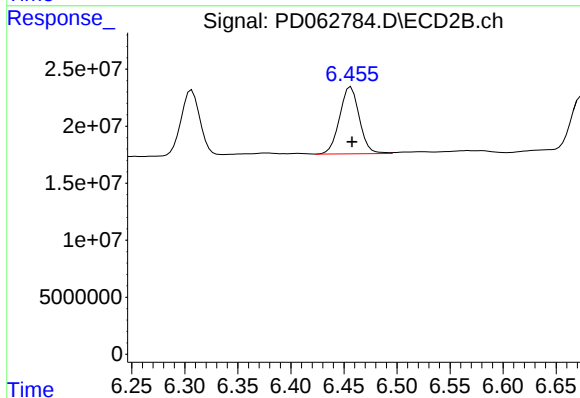
#13 Dieldrin

R.T.: 5.737 min  
Delta R.T.: -0.001 min  
Response: 5278140  
Conc: 4.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

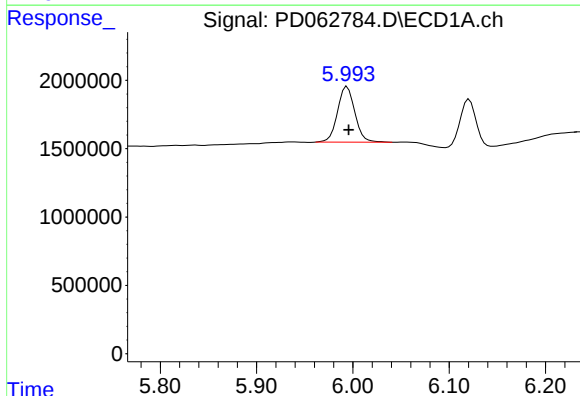
Manual Integrations  
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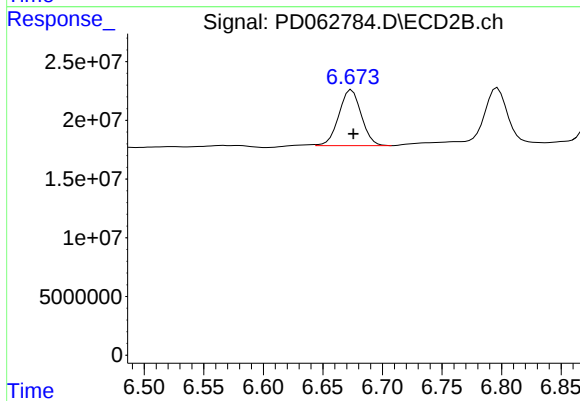
#13 Dieldrin

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 75784526  
Conc: 4.69 ng/ml



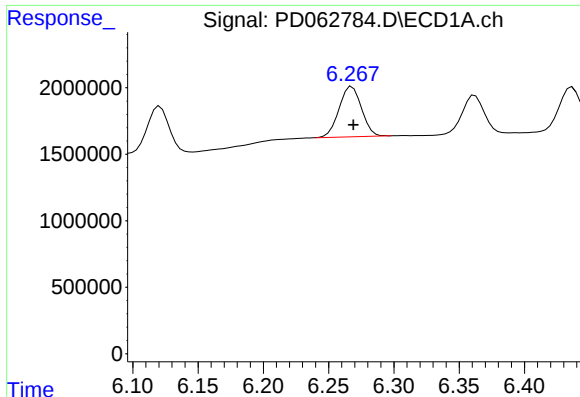
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 5094454  
Conc: 4.58 ng/ml



#14 Endrin

R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 62198122  
Conc: 4.42 ng/ml m



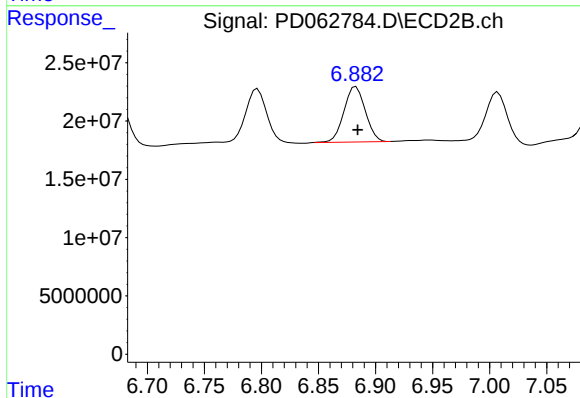
#15 Endosulfan II

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 4523701  
Conc: 4.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

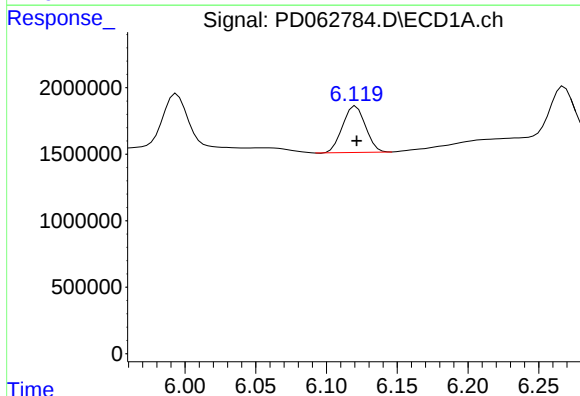
Manual Integrations  
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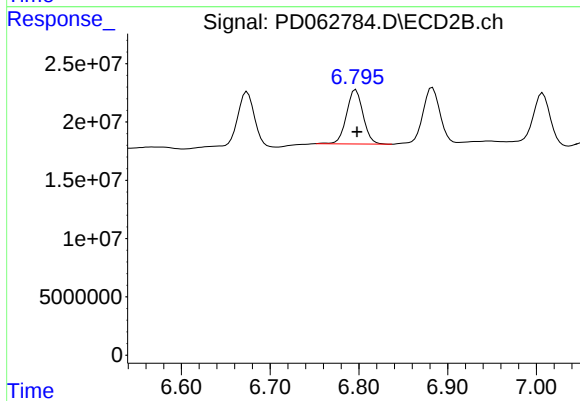
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: -0.001 min  
Response: 61943544  
Conc: 4.64 ng/ml



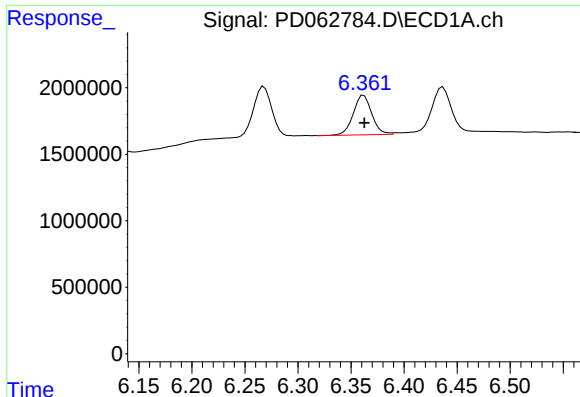
#16 4,4'-DDD

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 3930934  
Conc: 4.13 ng/ml



#16 4,4'-DDD

R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 60448211  
Conc: 4.68 ng/ml



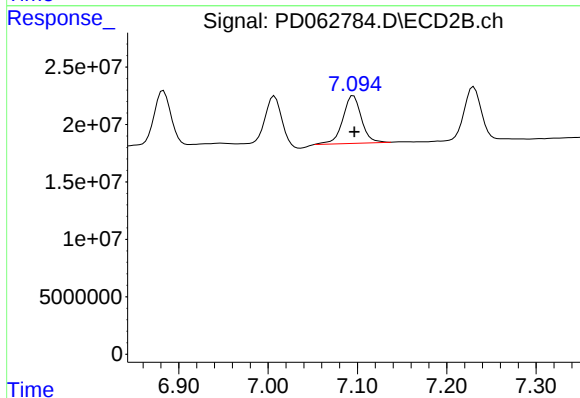
#17 4,4'-DDT

R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 3612588  
Conc: 3.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

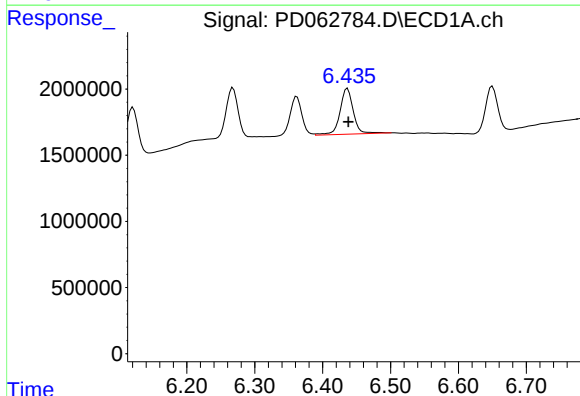
Manual Integrations  
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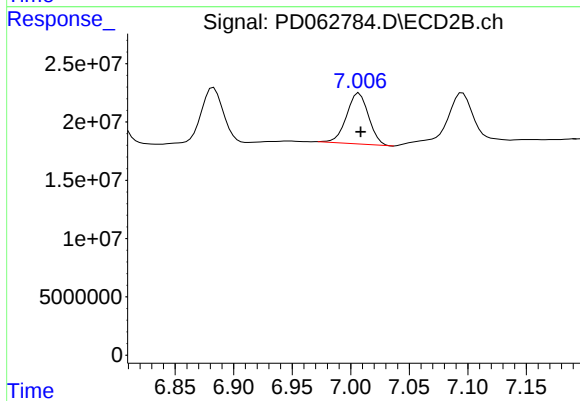
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: -0.001 min  
Response: 60210841  
Conc: 4.73 ng/ml



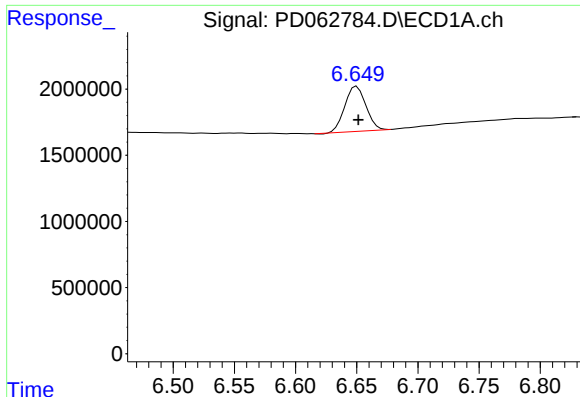
#18 Endrin aldehyde

R.T.: 6.437 min  
Delta R.T.: -0.001 min  
Response: 4727518  
Conc: 5.07 ng/ml



#18 Endrin aldehyde

R.T.: 7.007 min  
Delta R.T.: -0.001 min  
Response: 57150775  
Conc: 4.90 ng/ml



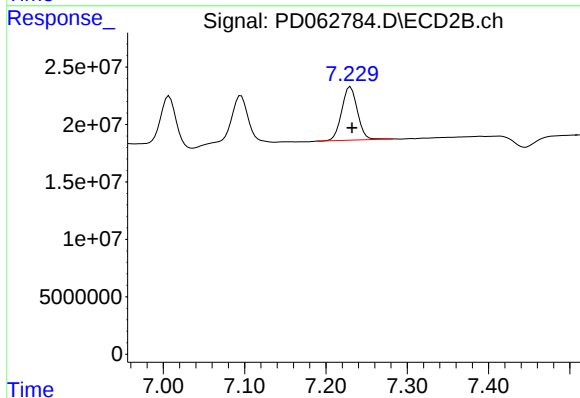
#19 Endosulfan Sulfate

R.T.: 6.650 min  
Delta R.T.: -0.001 min  
Response: 4063670  
Conc: 3.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

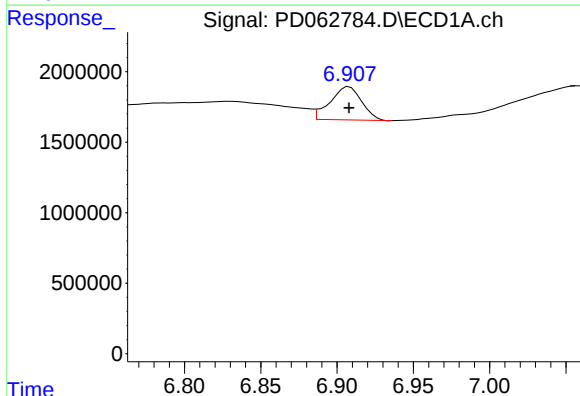
Manual Integrations  
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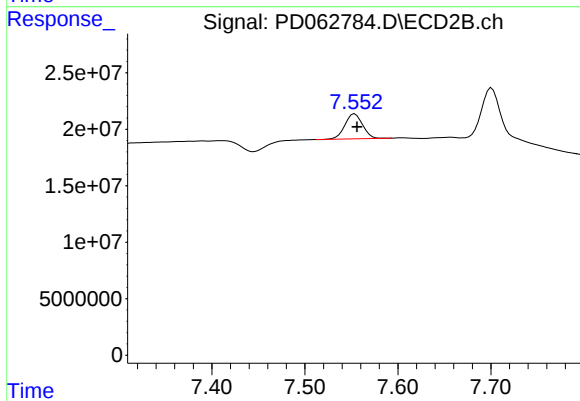
#19 Endosulfan Sulfate

R.T.: 7.230 min  
Delta R.T.: -0.002 min  
Response: 62677297  
Conc: 4.51 ng/ml



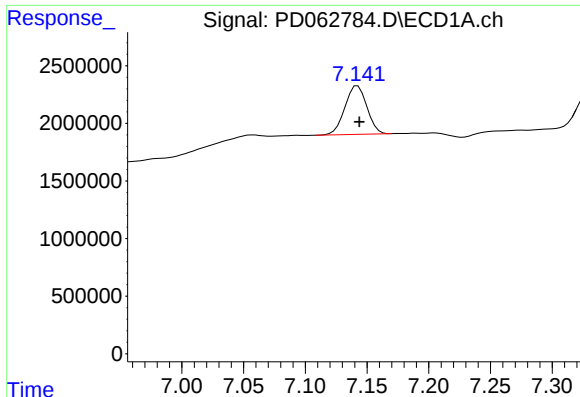
#20 Methoxychlor

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 3382942  
Conc: 5.75 ng/ml



#20 Methoxychlor

R.T.: 7.554 min  
Delta R.T.: -0.002 min  
Response: 29498684  
Conc: 4.42 ng/ml



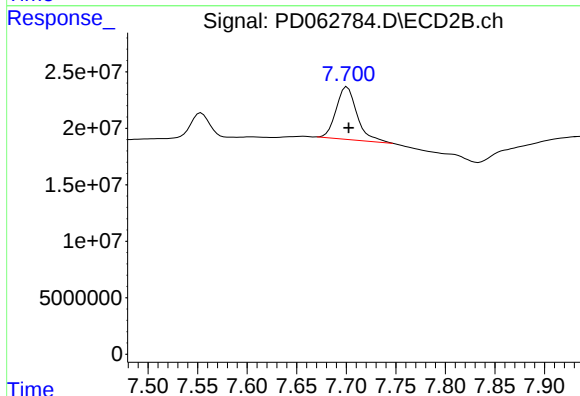
#21 Endrin ketone

R.T.: 7.142 min  
Delta R.T.: -0.001 min  
Response: 5225743  
Conc: 4.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

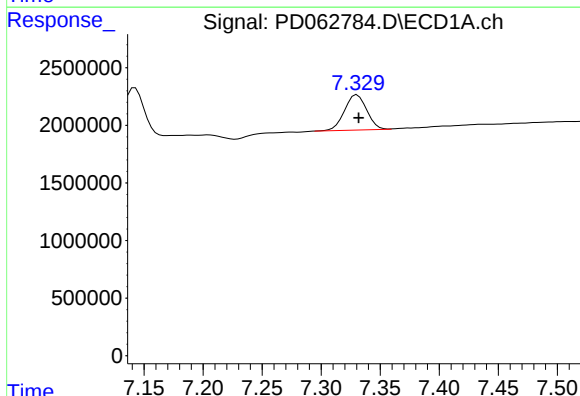
Manual Integrations  
APPROVED

Ankita  
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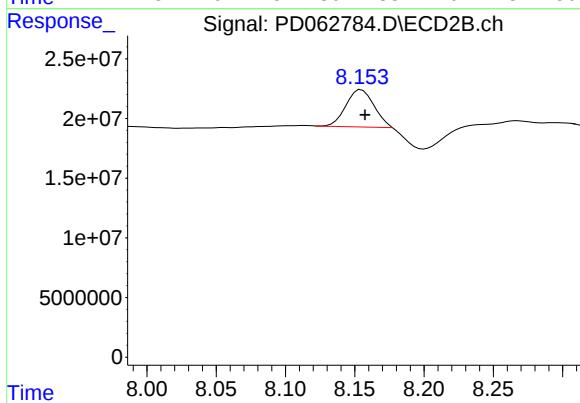
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.002 min  
Response: 67820723  
Conc: 5.00 ng/ml



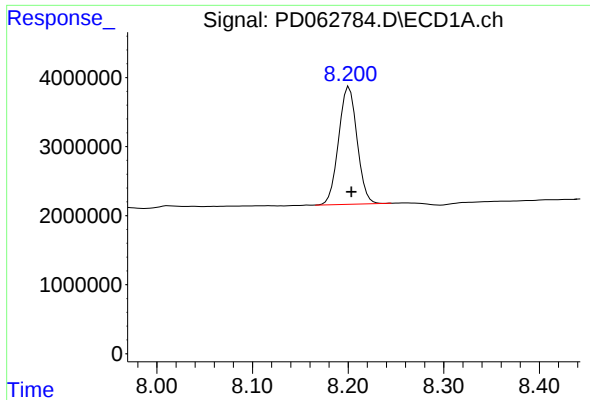
#22 Mirex

R.T.: 7.330 min  
Delta R.T.: -0.001 min  
Response: 4000623  
Conc: 4.37 ng/ml



#22 Mirex

R.T.: 8.153 min  
Delta R.T.: -0.004 min  
Response: 44143270  
Conc: 4.82 ng/ml m



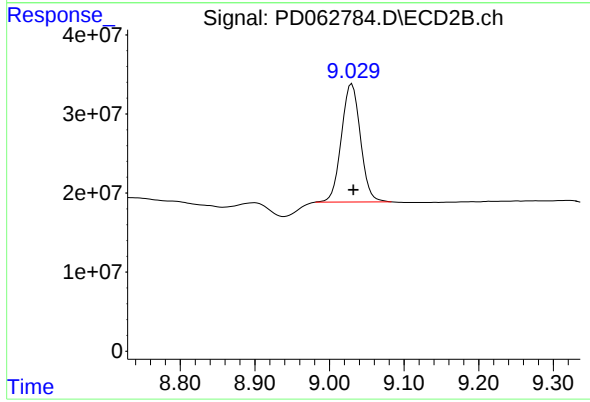
#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.002 min  
Response: 22899223  
Conc: 21.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: -0.002 min  
Response: 265331805  
Conc: 22.99 ng/ml