

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
 Data File : PD061920.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2021 11:07  
 Operator : AR\AJ  
 Sample : M1812-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleID :  
 TP-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 14:26:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 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... | 3.485 | 3.980 | 19255186 | 257.4E6 | 22.997 | 29.621 # |
| 28)                         | SA Decachlor... | 8.257 | 9.040 | 22177035 | 157.9E6 | 18.024 | 16.727   |
| Target Compounds            |                 |       |       |          |         |        |          |
| 2)                          | A alpha-BHC     | 3.924 | 4.370 | 64485601 | 696.7E6 | 51.057 | 51.797   |
| 3)                          | MA gamma-BHC... | 4.209 | 4.654 | 63367542 | 677.9E6 | 53.373 | 54.343   |
| 4)                          | MA Heptachlor   | 4.512 | 5.162 | 69363124 | 729.4E6 | 59.582 | 55.970   |
| 5)                          | MB Aldrin       | 4.762 | 5.467 | 67032560 | 672.6E6 | 55.854 | 54.053   |
| 6)                          | B beta-BHC      | 4.459 | 4.823 | 31078823 | 308.7E6 | 56.992 | 59.762   |
| 7)                          | B delta-BHC     | 4.665 | 5.040 | 19453420 | 225.6E6 | 16.014 | 17.053   |
| 8)                          | B Heptachlo...  | 5.206 | 5.853 | 63895086 | 578.7E6 | 55.738 | 48.871   |
| 9)                          | A Endosulfan I  | 5.547 | 6.210 | 61270436 | 556.8E6 | 55.796 | 51.364   |
| 10)                         | B gamma-Chl...  | 5.434 | 6.087 | 65572241 | 596.7E6 | 55.980 | 50.331   |
| 11)                         | B alpha-Chl...  | 5.492 | 6.160 | 64272335 | 581.0E6 | 55.311 | 50.963   |
| 12)                         | B 4,4'-DDE      | 5.656 | 6.316 | 64285690 | 603.6E6 | 57.210 | 52.379   |
| 13)                         | MA Dieldrin     | 5.791 | 6.466 | 65484017 | 579.3E6 | 56.652 | 50.187   |
| 14)                         | MA Endrin       | 6.049 | 6.684 | 59303511 | 488.4E6 | 57.716 | 49.352   |
| 15)                         | B Endosulfa...  | 6.323 | 6.893 | 55499753 | 464.8E6 | 54.152 | 48.955   |
| 16)                         | A 4,4'-DDD      | 6.173 | 6.804 | 51928942 | 423.3E6 | 55.800 | 44.700m  |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.104 | 50995946 | 434.3E6 | 56.616 | 45.473   |
| 18)                         | B Endrin al...  | 6.492 | 7.017 | 47620255 | 388.7E6 | 55.738 | 49.432   |
| 19)                         | B Endosulfa...  | 6.705 | 7.239 | 47476114 | 382.9E6 | 43.999 | 38.204   |
| 20)                         | A Methoxychlor  | 6.961 | 7.562 | 29173159 | 210.0E6 | 61.742 | 46.583   |
| 21)                         | B Endrin ke...  | 7.199 | 7.710 | 64157279 | 445.3E6 | 50.270 | 43.906   |
| 22)                         | Mirex           | 7.390 | 8.165 | 47775602 | 289.6E6 | 57.887 | 44.942   |
| -----                       |                 |       |       |          |         |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
Data File : PD061920.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2021 11:07  
Operator : AR\AJ  
Sample : M1812-01MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

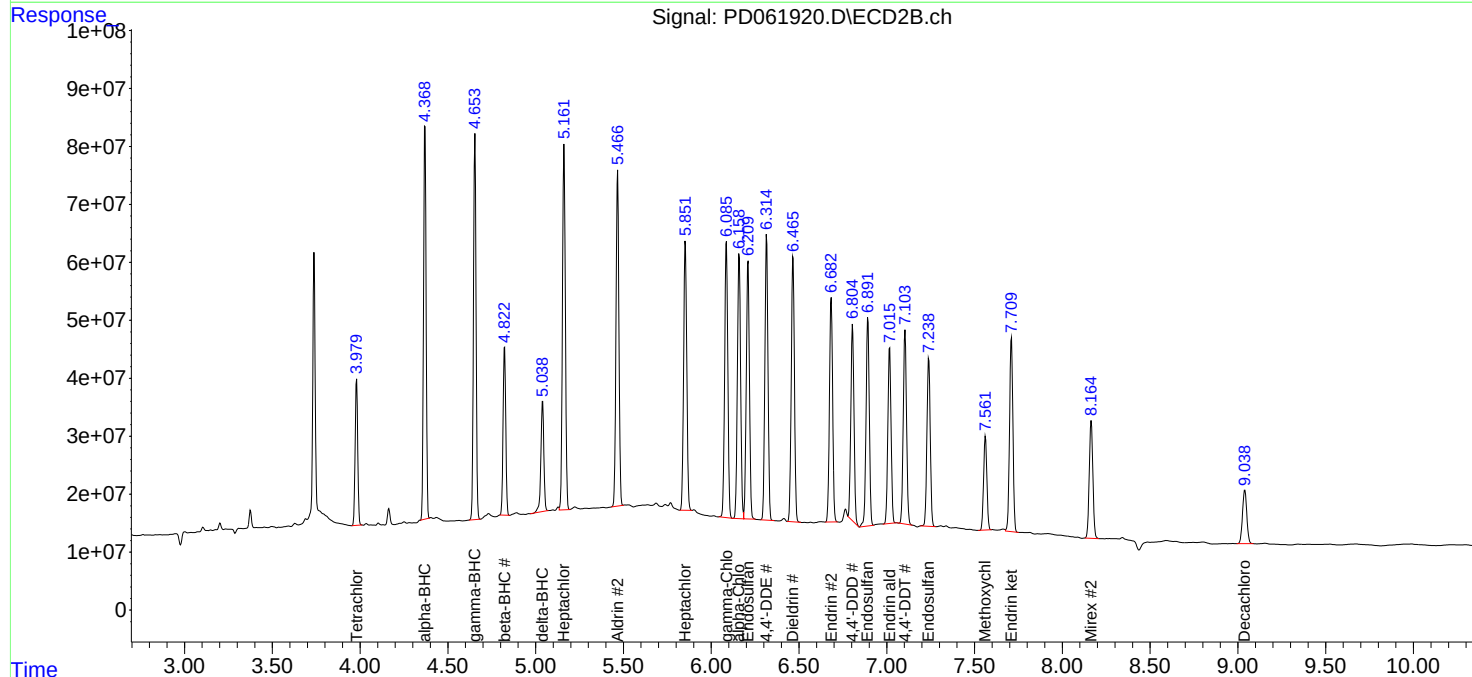
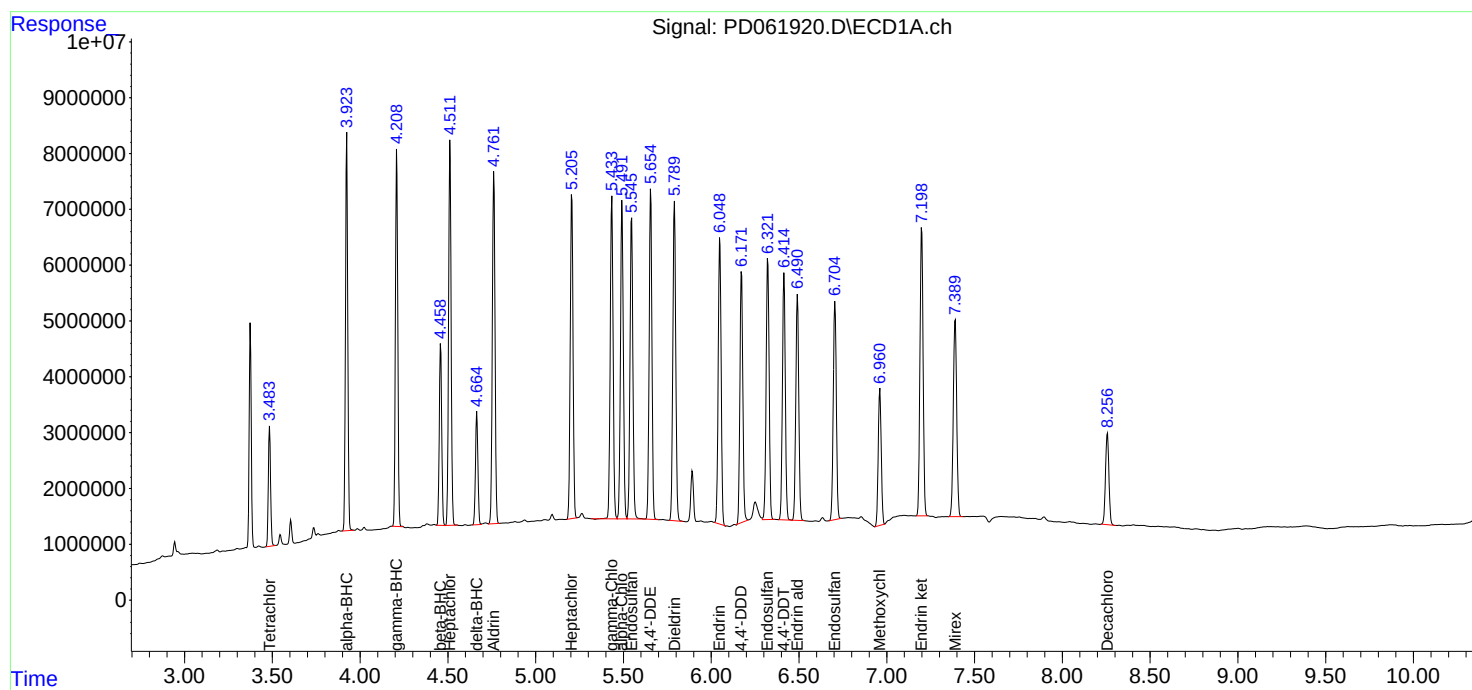
Instrument :  
ECD\_D  
ClientSampled :  
TP-1MSD

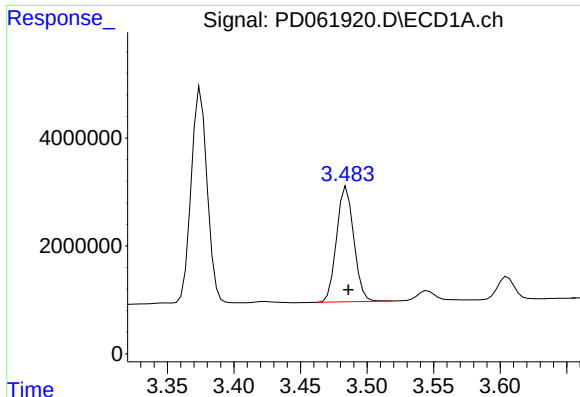
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 14:26:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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





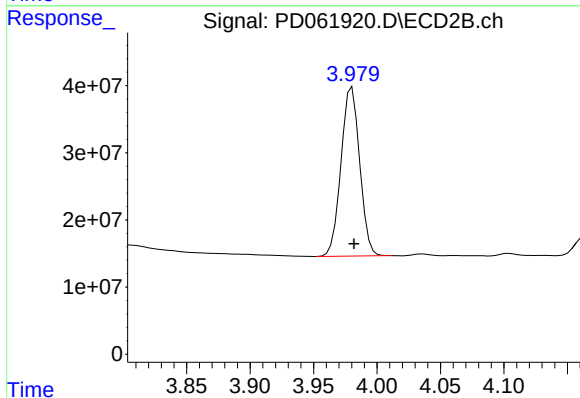
#1 Tetrachloro-m-xylene

R.T.: 3.485 min  
Delta R.T.: -0.001 min  
Response: 19255186  
Conc: 23.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

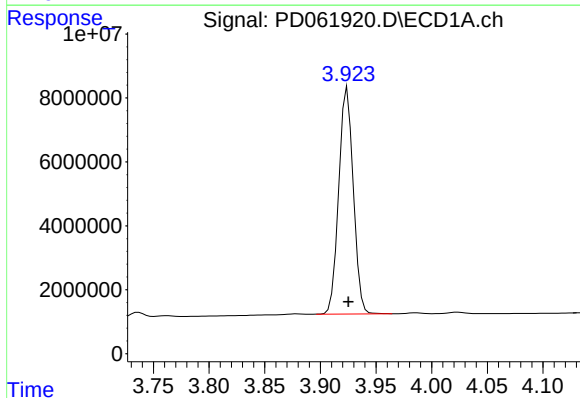
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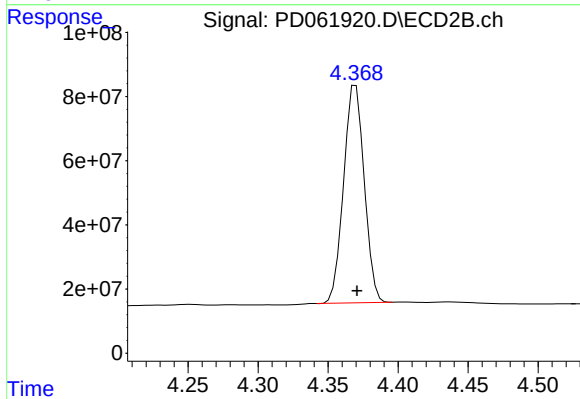
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 257369945  
Conc: 29.62 ng/ml



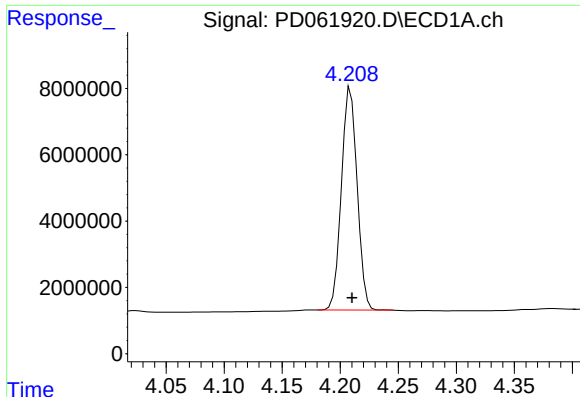
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 64485601  
Conc: 51.06 ng/ml



#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 696703791  
Conc: 51.80 ng/ml



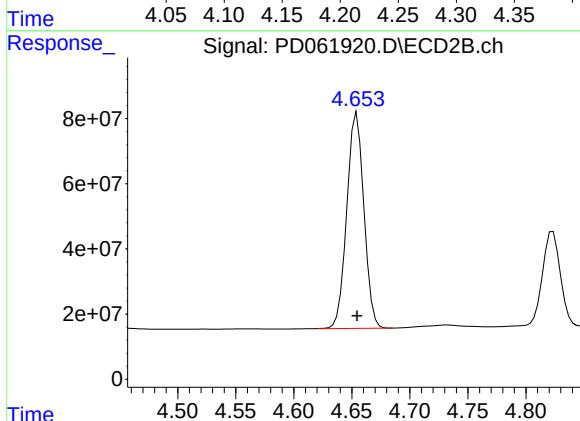
#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: -0.001 min  
Response: 63367542  
Conc: 53.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

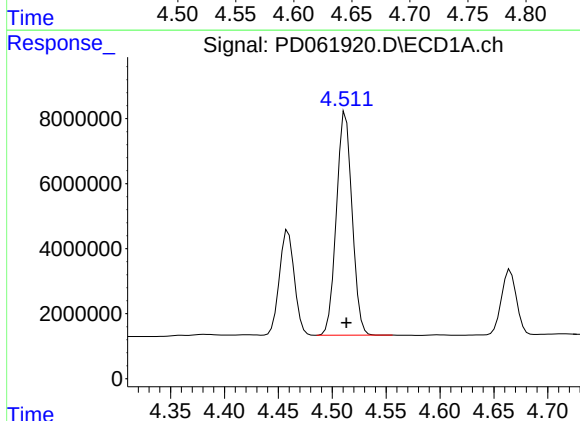
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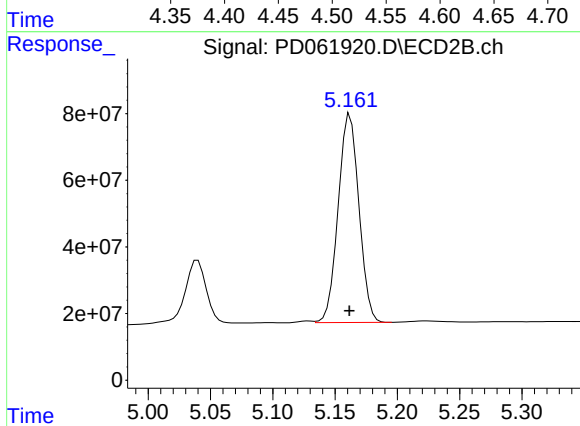
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 677866479  
Conc: 54.34 ng/ml



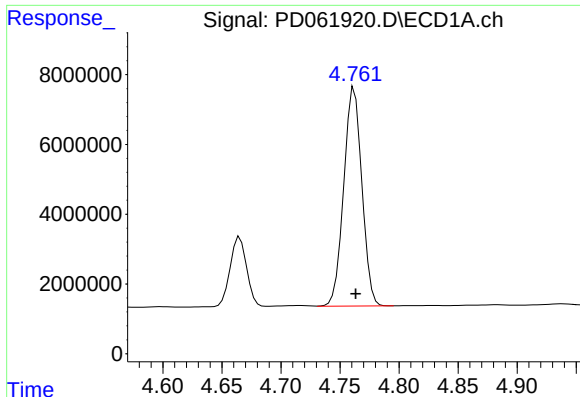
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 69363124  
Conc: 59.58 ng/ml



#4 Heptachlor

R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 729372145  
Conc: 55.97 ng/ml



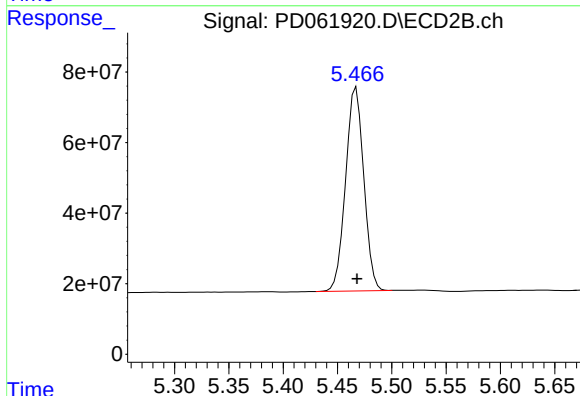
#5 Aldrin

R.T.: 4.762 min  
Delta R.T.: -0.001 min  
Response: 67032560  
Conc: 55.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

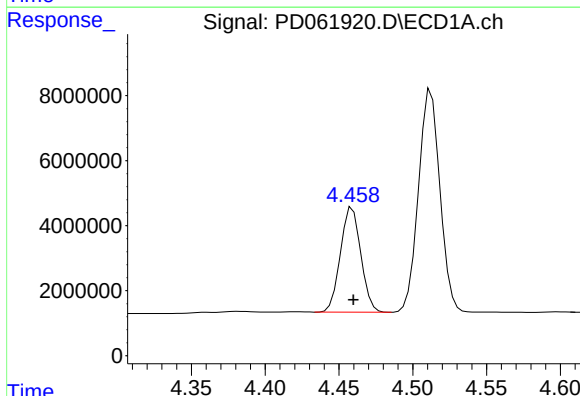
Manual Integrations  
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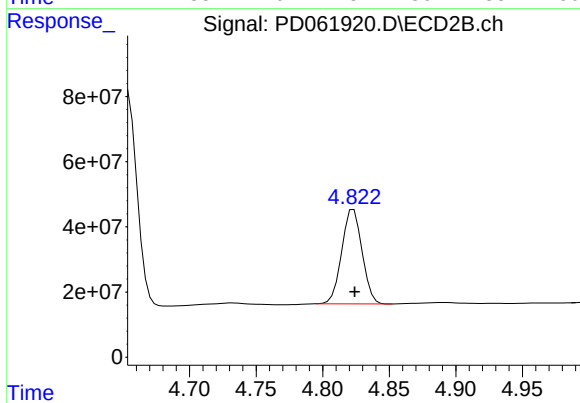
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 672644843  
Conc: 54.05 ng/ml



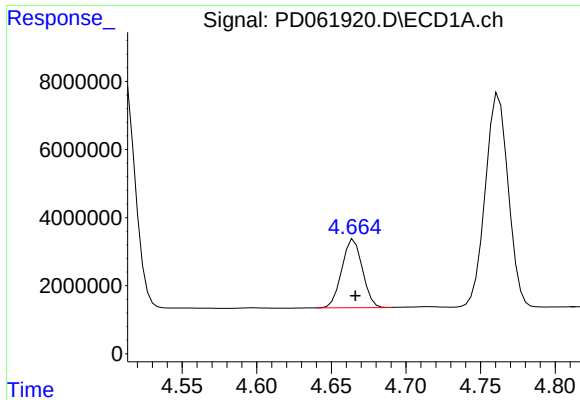
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 31078823  
Conc: 56.99 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 308679644  
Conc: 59.76 ng/ml



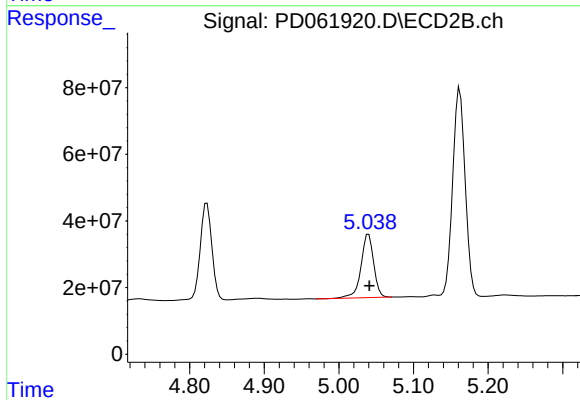
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 19453420  
Conc: 16.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

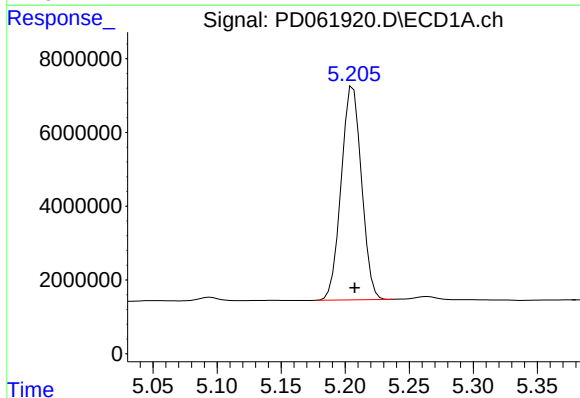
Manual Integrations  
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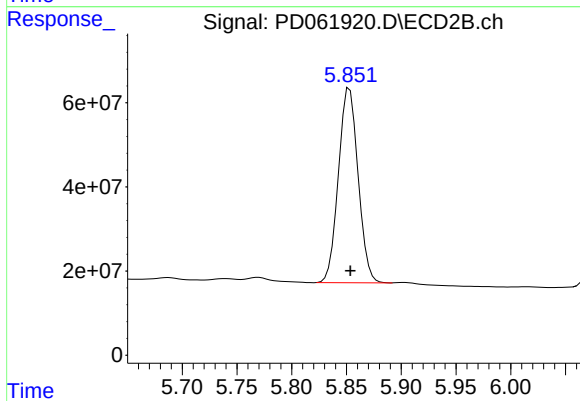
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.001 min  
Response: 225567245  
Conc: 17.05 ng/ml



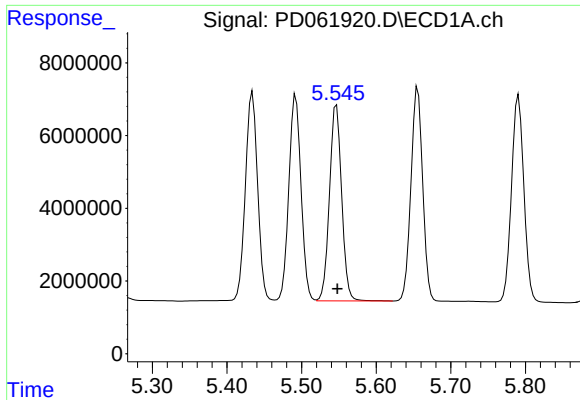
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: -0.001 min  
Response: 63895086  
Conc: 55.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 578679832  
Conc: 48.87 ng/ml



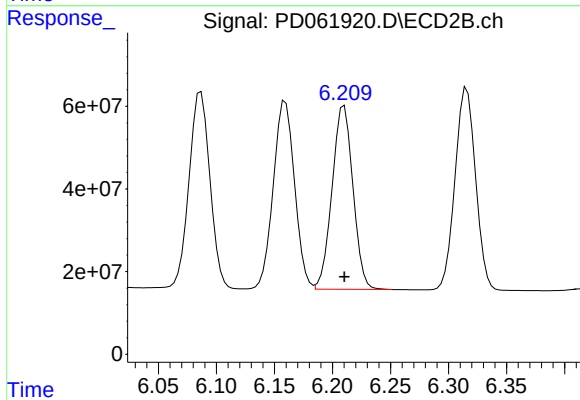
#9 Endosulfan I

R.T.: 5.547 min  
Delta R.T.: -0.001 min  
Response: 61270436  
Conc: 55.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

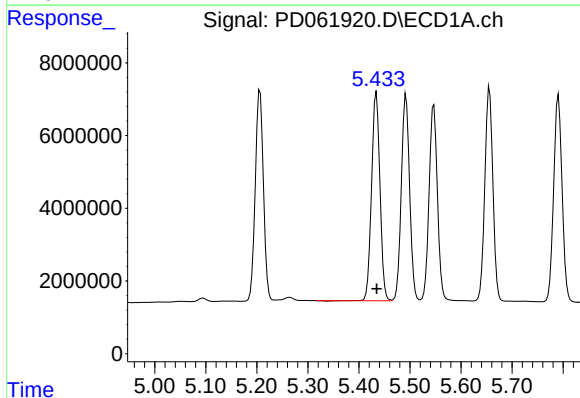
Manual Integrations  
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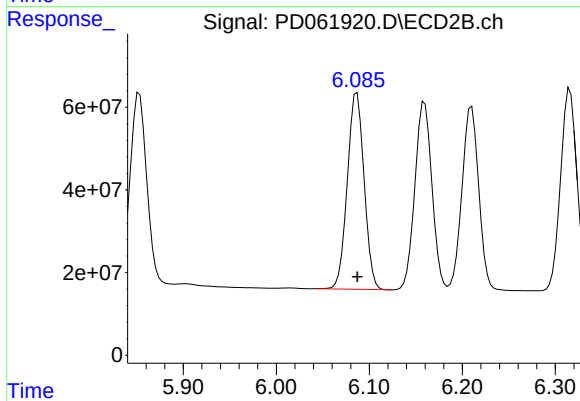
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 556793757  
Conc: 51.36 ng/ml



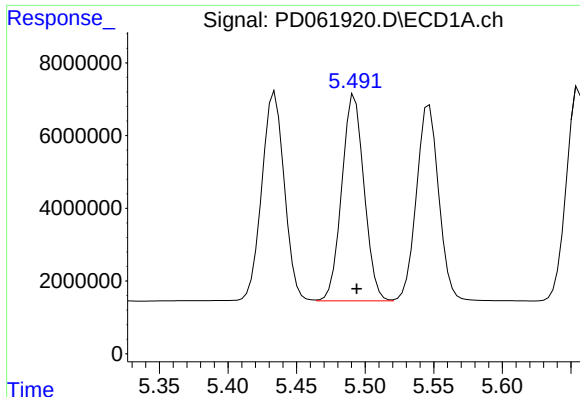
#10 gamma-Chlordane

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 65572241  
Conc: 55.98 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 596675358  
Conc: 50.33 ng/ml



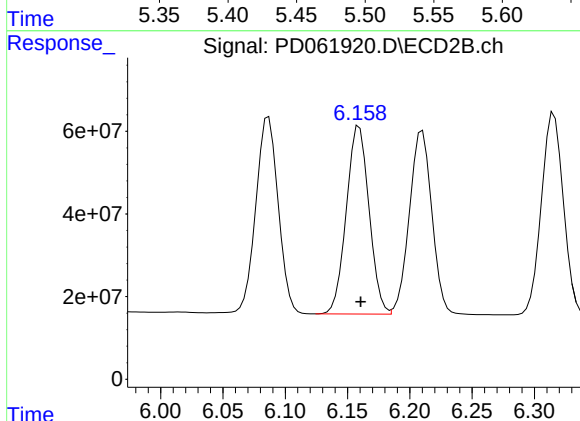
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: -0.001 min  
Response: 64272335  
Conc: 55.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

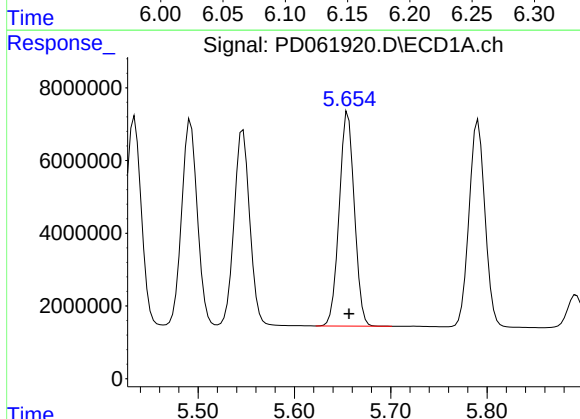
Manual Integrations  
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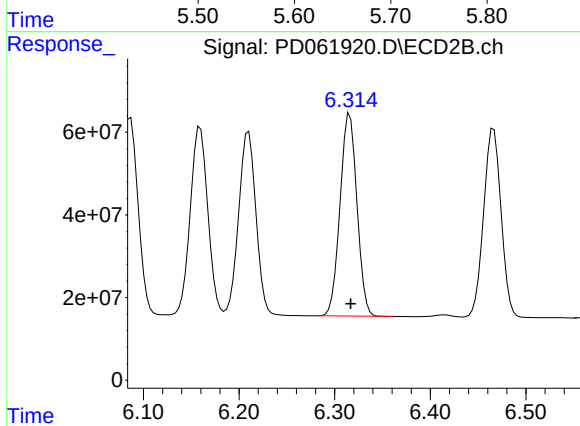
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 580981675  
Conc: 50.96 ng/ml



#12 4,4'-DDE

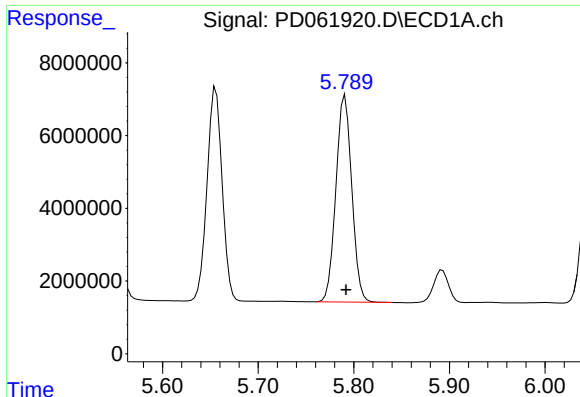
R.T.: 5.656 min  
Delta R.T.: 0.000 min  
Response: 64285690  
Conc: 57.21 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 603624069  
Conc: 52.38 ng/ml





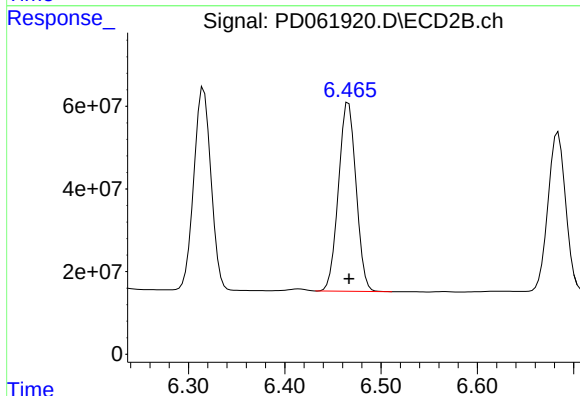
#13 Dieldrin

R.T.: 5.791 min  
Delta R.T.: -0.001 min  
Response: 65484017  
Conc: 56.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

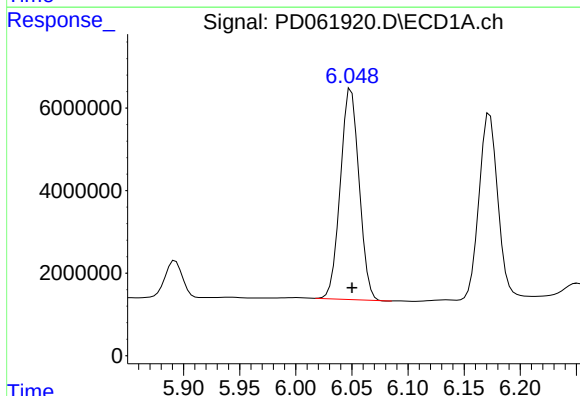
Manual Integrations  
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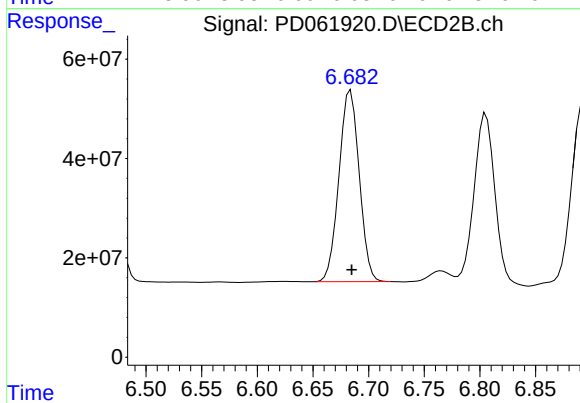
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 579293009  
Conc: 50.19 ng/ml



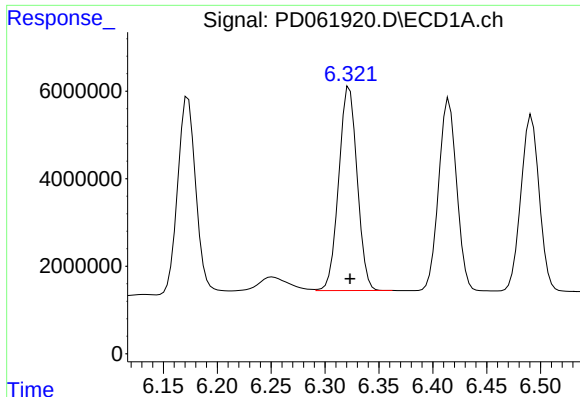
#14 Endrin

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 59303511  
Conc: 57.72 ng/ml



#14 Endrin

R.T.: 6.684 min  
Delta R.T.: -0.001 min  
Response: 488403785  
Conc: 49.35 ng/ml



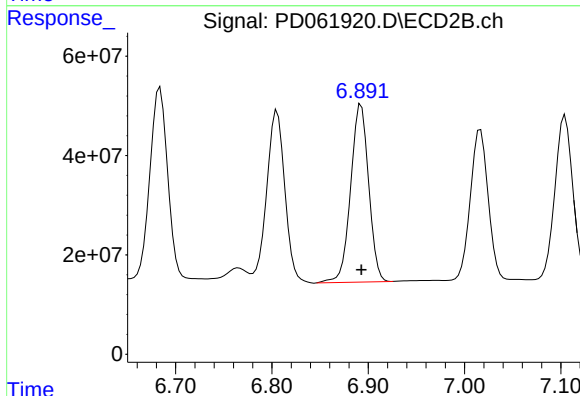
#15 Endosulfan II

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 55499753  
Conc: 54.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

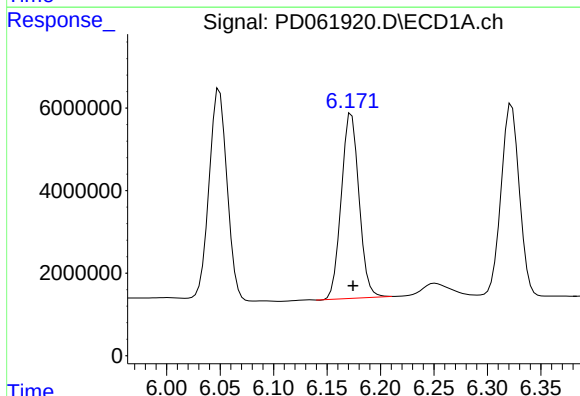
Manual Integrations  
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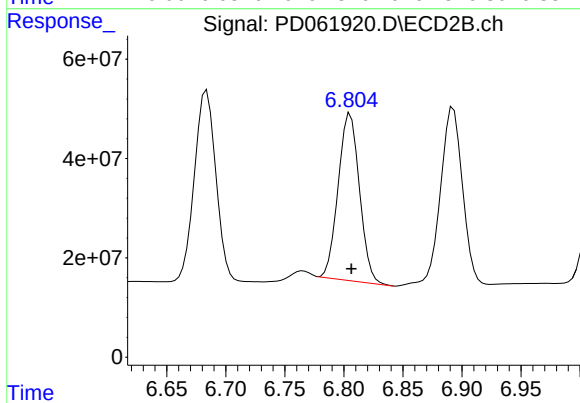
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 464807003  
Conc: 48.95 ng/ml



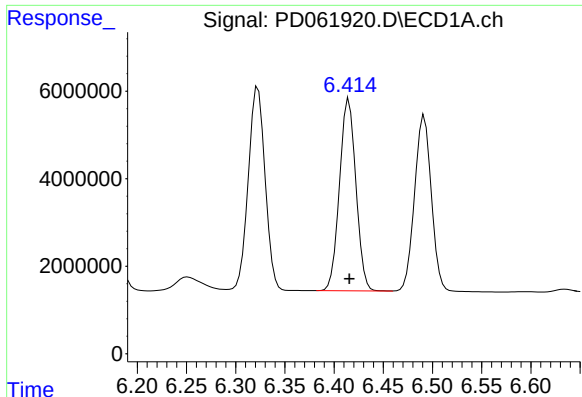
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 51928942  
Conc: 55.80 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min  
Delta R.T.: -0.002 min  
Response: 423253605  
Conc: 44.70 ng/ml m



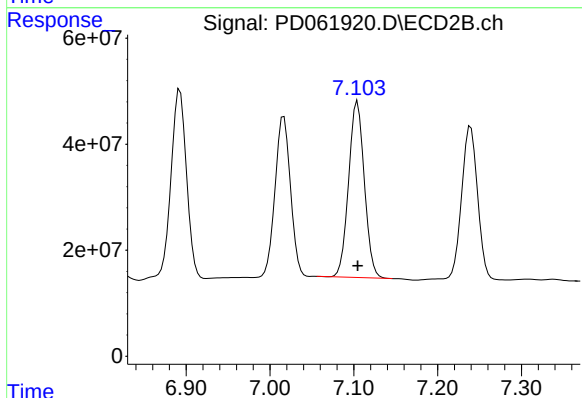
#17 4,4'-DDT

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 50995946  
Conc: 56.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

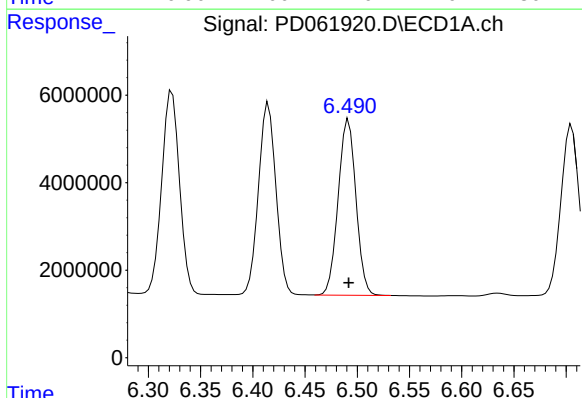
Manual Integrations  
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4/1/2021 1:47:06 PM



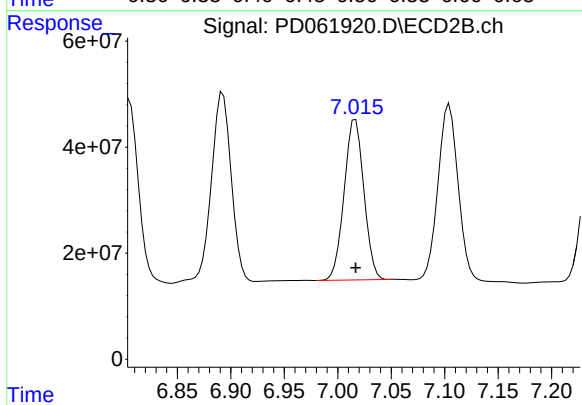
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 434345821  
Conc: 45.47 ng/ml



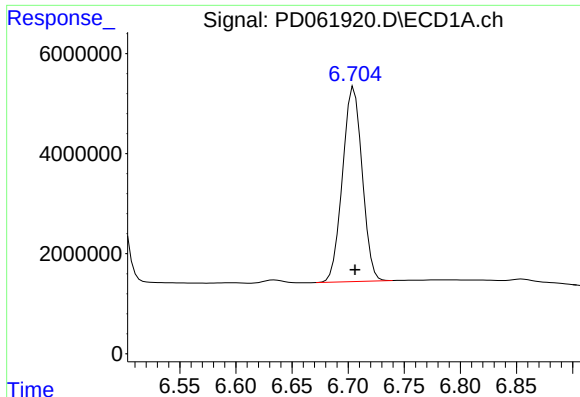
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 47620255  
Conc: 55.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 388742961  
Conc: 49.43 ng/ml



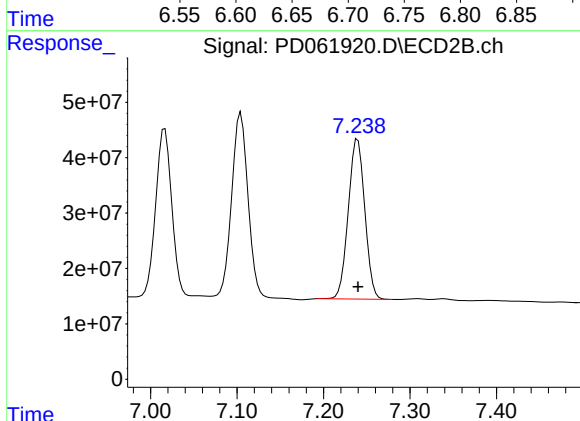
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 47476114  
Conc: 44.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

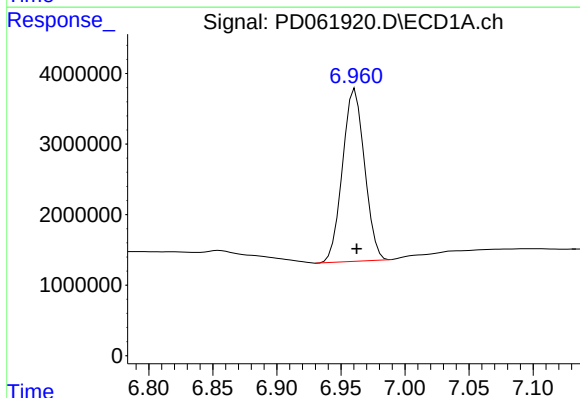
Manual Integrations  
APPROVED

Ankita  
4/1/2021 1:47:06 PM



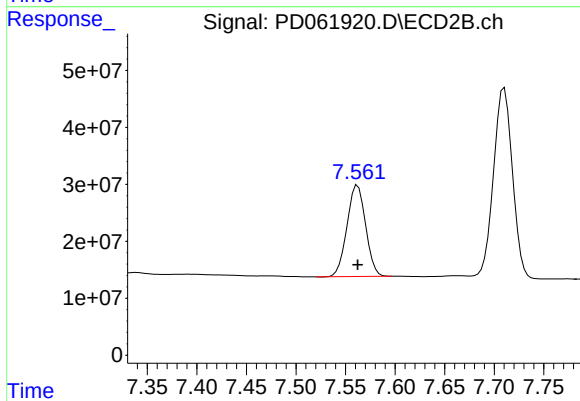
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 382894033  
Conc: 38.20 ng/ml



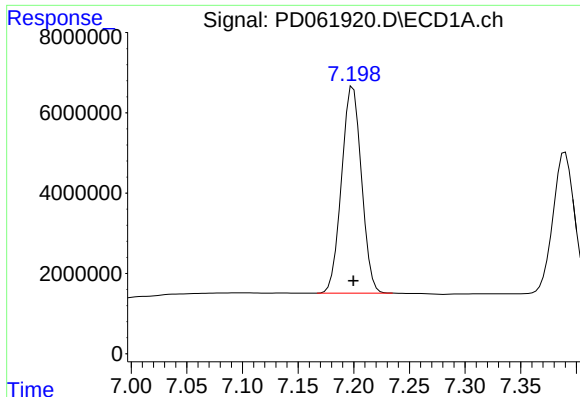
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: -0.001 min  
Response: 29173159  
Conc: 61.74 ng/ml



#20 Methoxychlor

R.T.: 7.562 min  
Delta R.T.: 0.000 min  
Response: 209993130  
Conc: 46.58 ng/ml



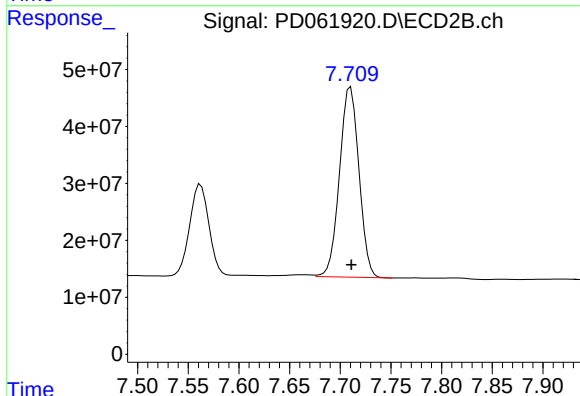
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 64157279  
Conc: 50.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

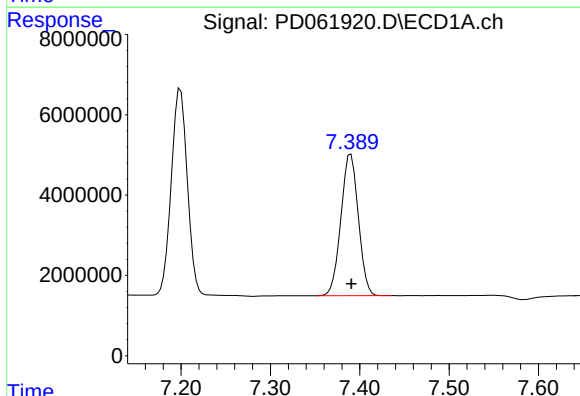
Manual Integrations  
APPROVED

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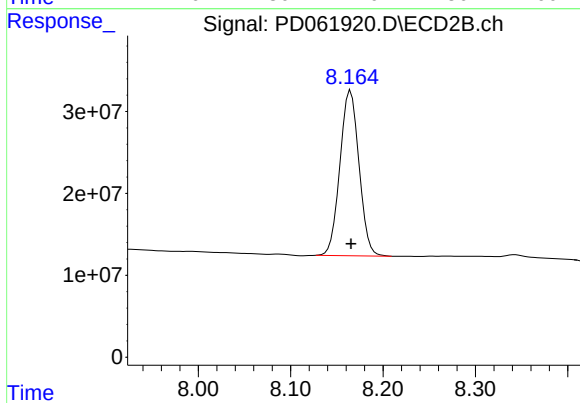
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 445323904  
Conc: 43.91 ng/ml



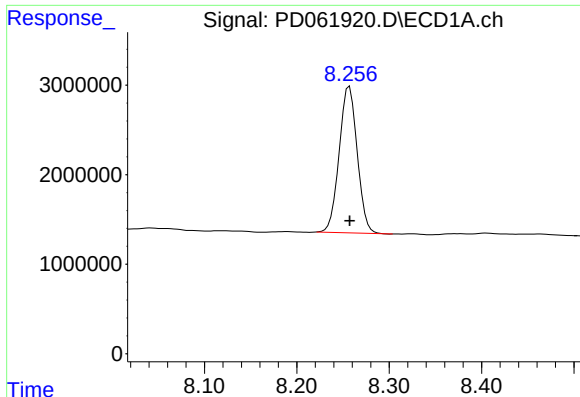
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 47775602  
Conc: 57.89 ng/ml



#22 Mirex

R.T.: 8.165 min  
Delta R.T.: 0.000 min  
Response: 289626459  
Conc: 44.94 ng/ml



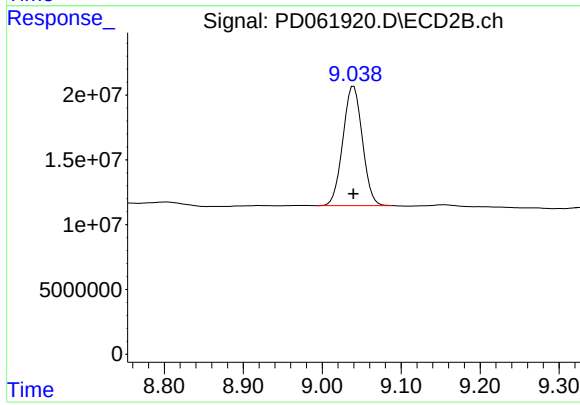
#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 22177035  
Conc: 18.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-1MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.040 min  
Delta R.T.: 0.000 min  
Response: 157911243  
Conc: 16.73 ng/ml