

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042221\  
 Data File : PD062263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2021 17:34  
 Operator : AR\AJ  
 Sample : M2110-02MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 S-6MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 22:06:50 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... | 3.484 | 3.981 | 17901622 | 225.7E6 | 21.380  | 25.974 |
| 28)                         | SA Decachlor... | 8.257 | 9.042 | 23704940 | 184.7E6 | 19.266  | 19.561 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.924 | 4.369 | 75829487 | 915.4E6 | 60.039  | 68.058 |
| 3)                          | MA gamma-BHC... | 4.209 | 4.654 | 72449435 | 856.4E6 | 61.022  | 68.653 |
| 4)                          | MA Heptachlor   | 4.512 | 5.163 | 76546861 | 851.3E6 | 65.752  | 65.325 |
| 5)                          | MB Aldrin       | 4.761 | 5.468 | 74676801 | 817.9E6 | 62.223  | 65.723 |
| 6)                          | B beta-BHC      | 4.459 | 4.824 | 31139602 | 368.3E6 | 57.103  | 71.313 |
| 7)                          | B delta-BHC     | 4.665 | 5.041 | 75657481 | 855.7E6 | 62.279  | 64.695 |
| 8)                          | B Heptachlo...  | 5.205 | 5.853 | 71713635 | 758.7E6 | 62.558  | 64.078 |
| 9)                          | A Endosulfan I  | 5.546 | 6.210 | 68651017 | 690.4E6 | 62.517  | 63.692 |
| 10)                         | B gamma-Chl...  | 5.432 | 6.087 | 75137357 | 745.5E6 | 64.146m | 62.886 |
| 11)                         | B alpha-Chl...  | 5.492 | 6.160 | 72911906 | 724.3E6 | 62.746  | 63.539 |
| 12)                         | B 4,4'-DDE      | 5.655 | 6.317 | 72798240 | 724.6E6 | 64.786  | 62.879 |
| 13)                         | MA Dieldrin     | 5.791 | 6.467 | 74717090 | 739.2E6 | 64.640  | 64.039 |
| 14)                         | MA Endrin       | 6.049 | 6.685 | 69869192 | 607.9E6 | 67.999  | 61.432 |
| 15)                         | B Endosulfa...  | 6.322 | 6.894 | 62341517 | 618.8E6 | 60.828  | 65.172 |
| 16)                         | A 4,4'-DDD      | 6.173 | 6.806 | 60028006 | 612.7E6 | 64.503  | 64.709 |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.105 | 56596452 | 542.1E6 | 62.834  | 56.758 |
| 18)                         | B Endrin al...  | 6.492 | 7.017 | 53965815 | 520.6E6 | 63.165  | 66.204 |
| 19)                         | B Endosulfa...  | 6.705 | 7.240 | 59789607 | 569.2E6 | 55.410  | 56.789 |
| 20)                         | A Methoxychlor  | 6.961 | 7.563 | 31815577 | 264.2E6 | 67.334  | 58.616 |
| 21)                         | B Endrin ke...  | 7.199 | 7.711 | 73819638 | 597.2E6 | 57.841  | 58.884 |
| 22)                         | Mirex           | 7.389 | 8.167 | 60037448 | 412.9E6 | 74.365  | 64.069 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042221\  
Data File : PD062263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2021 17:34  
Operator : AR\AJ  
Sample : M2110-02MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
S-6MSD

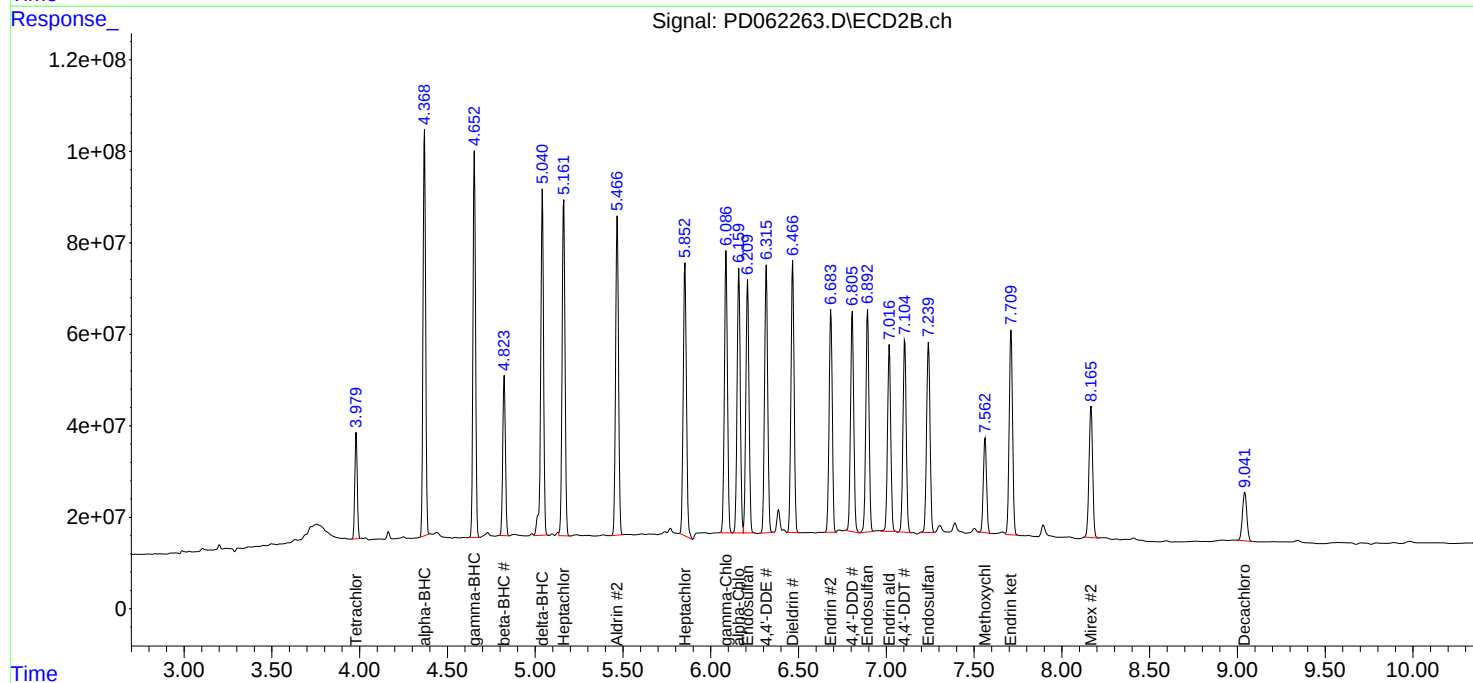
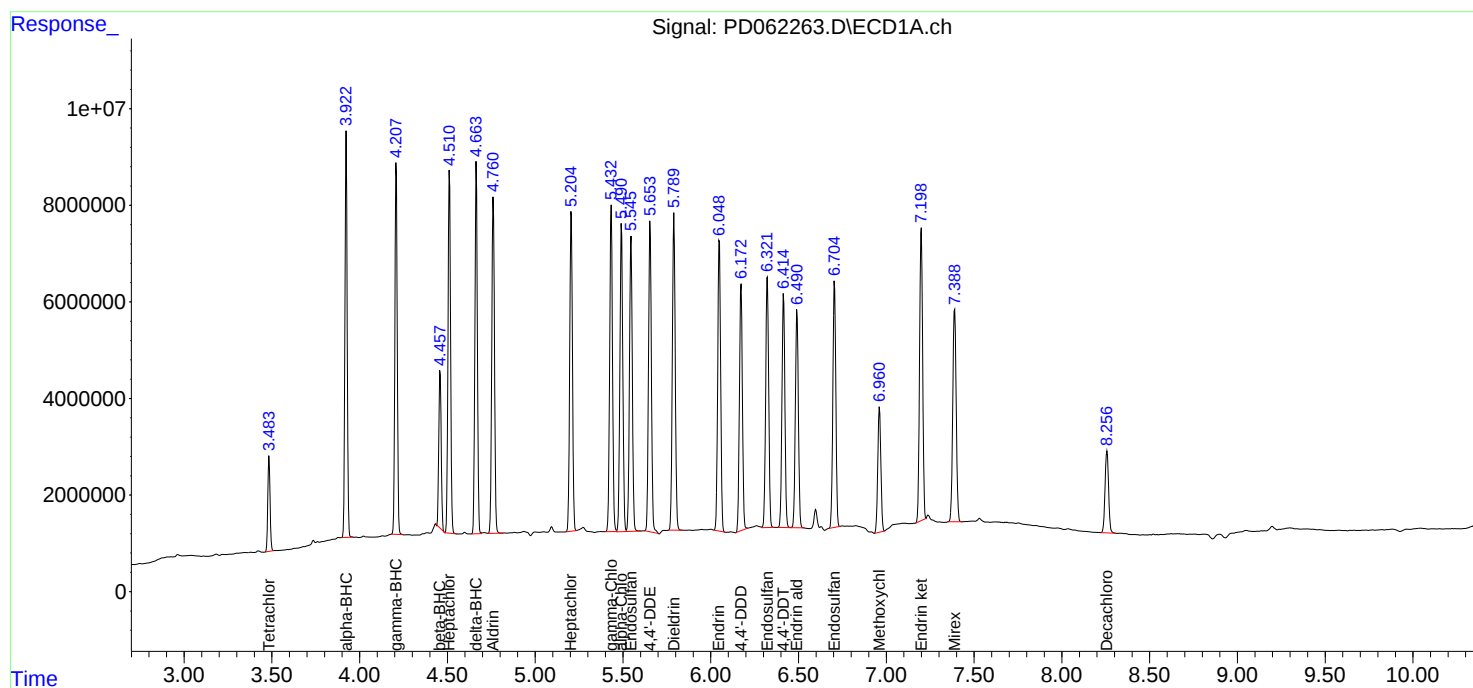
Manual Integrations  
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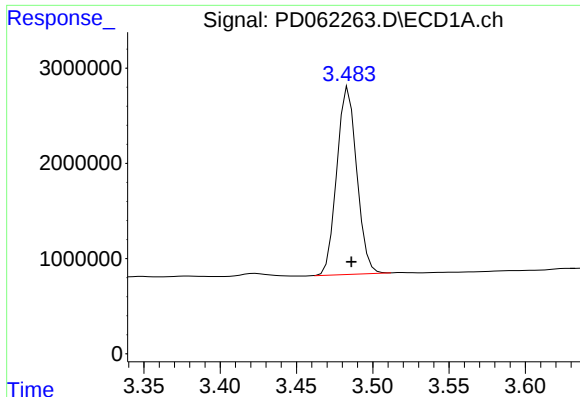
Ankita

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 22:06:50 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

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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





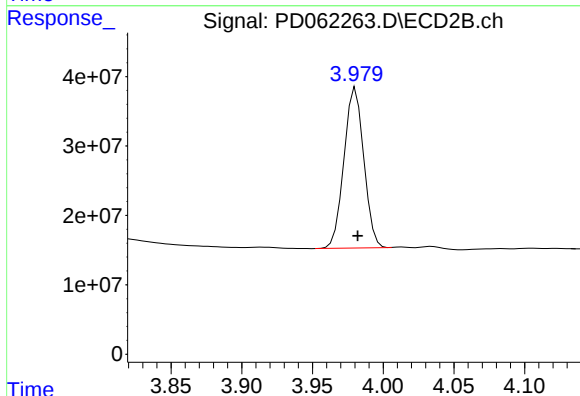
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: -0.002 min  
Response: 17901622  
Conc: 21.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
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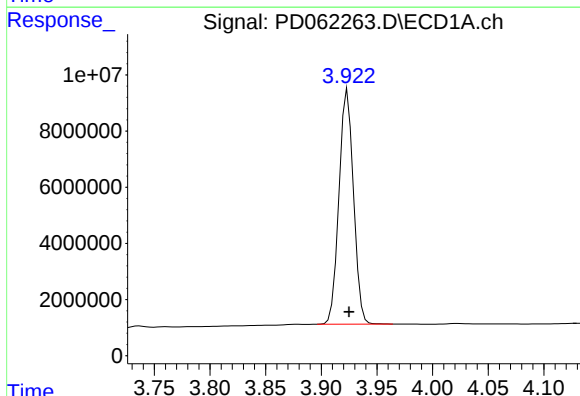
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#1 Tetrachloro-m-xylene

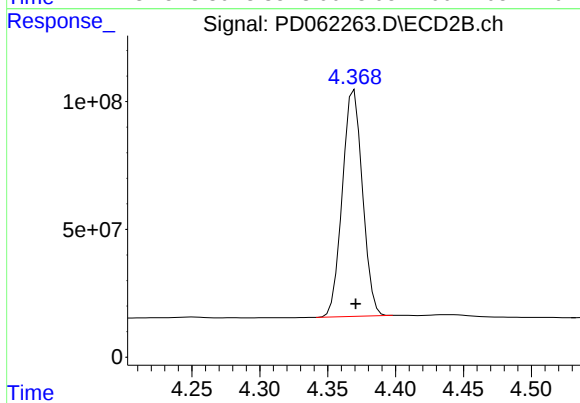
R.T.: 3.981 min  
Delta R.T.: -0.001 min  
Response: 225681567  
Conc: 25.97 ng/ml

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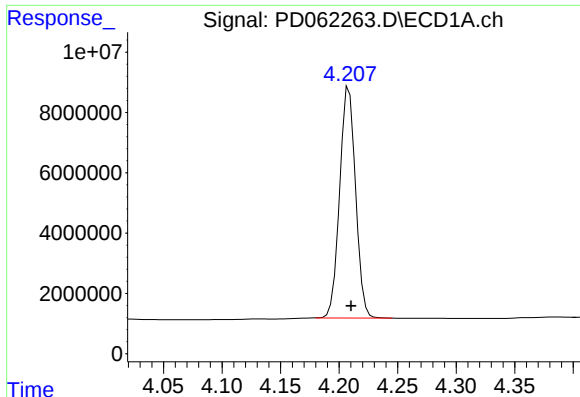
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: -0.001 min  
Response: 75829487  
Conc: 60.04 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.001 min  
Response: 915433402  
Conc: 68.06 ng/ml



#3 gamma-BHC (Lindane)

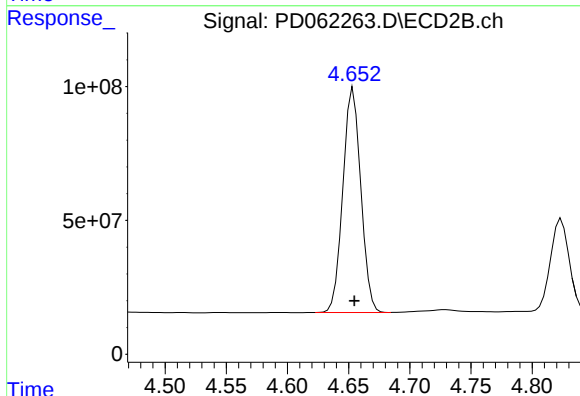
R.T.: 4.209 min  
Delta R.T.: -0.002 min  
Response: 72449435  
Conc: 61.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
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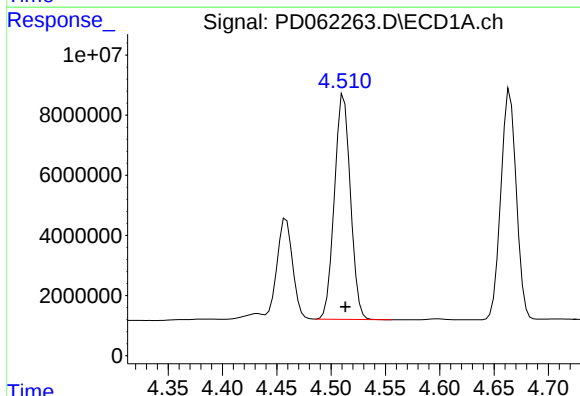
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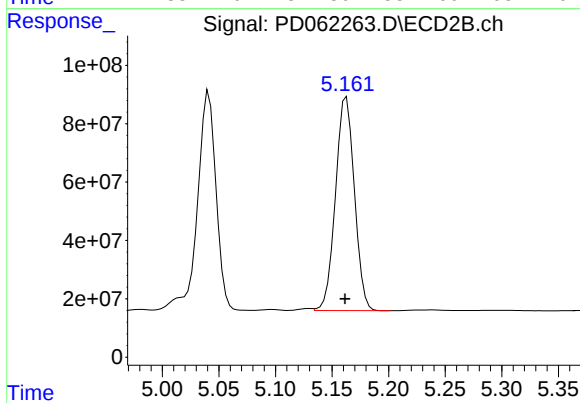
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 856362931  
Conc: 68.65 ng/ml



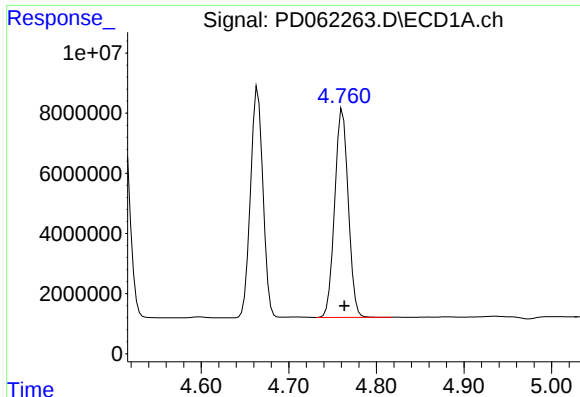
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: -0.002 min  
Response: 76546861  
Conc: 65.75 ng/ml



#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 851285792  
Conc: 65.33 ng/ml



#5 Aldrin

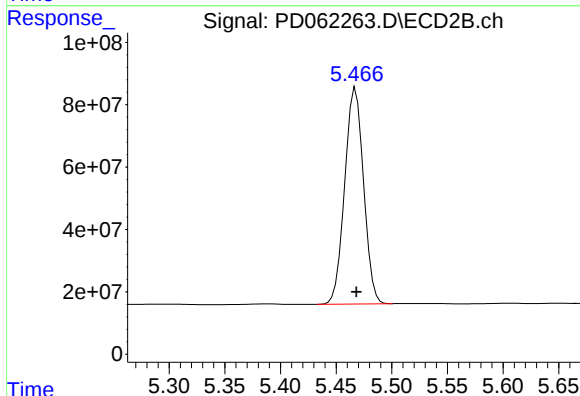
R.T.: 4.761 min  
Delta R.T.: -0.002 min  
Response: 74676801  
Conc: 62.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
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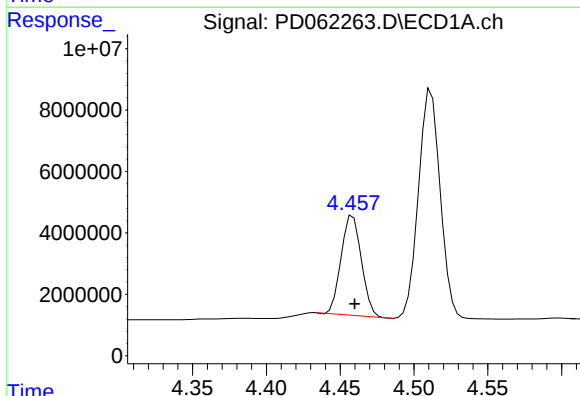
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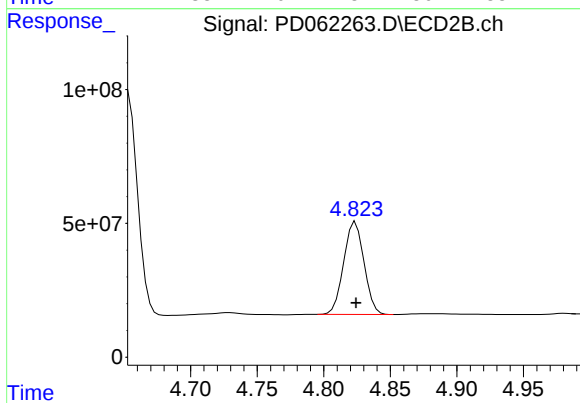
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 817876502  
Conc: 65.72 ng/ml



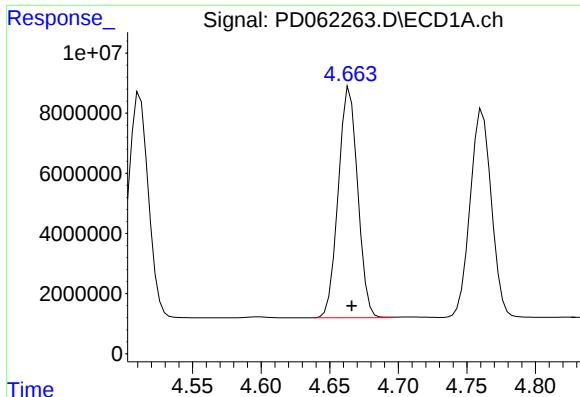
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.001 min  
Response: 31139602  
Conc: 57.10 ng/ml



#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 368340197  
Conc: 71.31 ng/ml



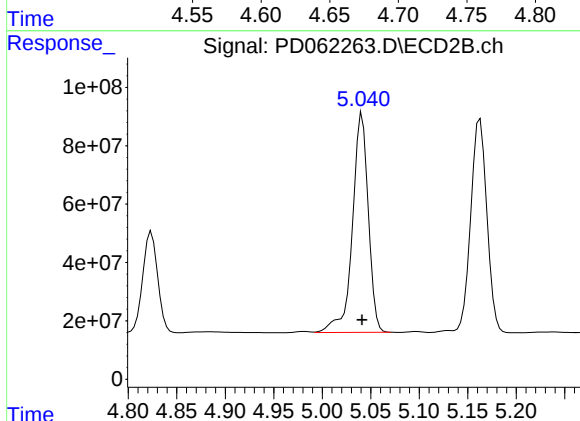
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 75657481  
Conc: 62.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
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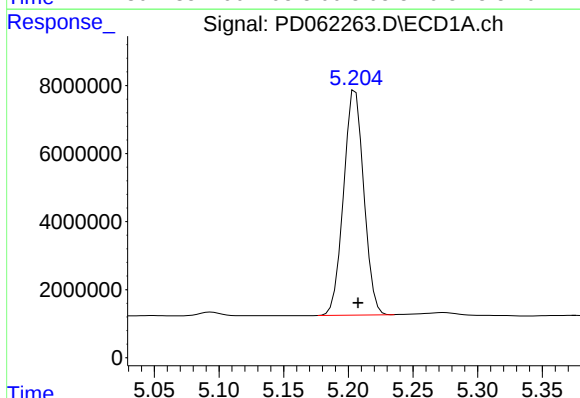
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#7 delta-BHC

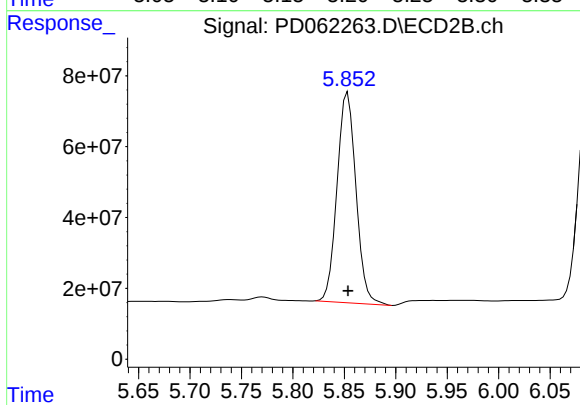
R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 855718211  
Conc: 64.69 ng/ml

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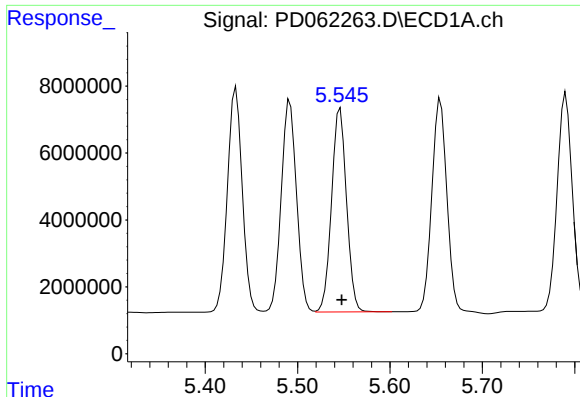
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: -0.002 min  
Response: 71713635  
Conc: 62.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 758739355  
Conc: 64.08 ng/ml



#9 Endosulfan I

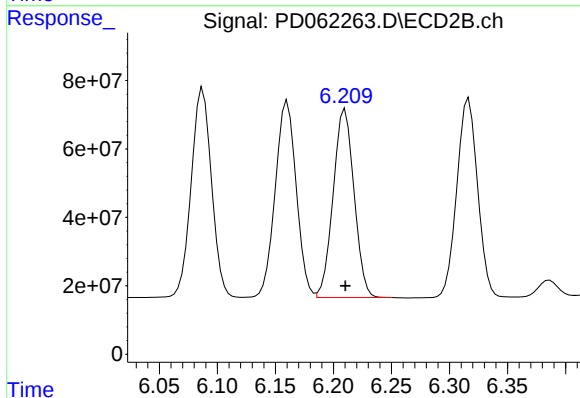
R.T.: 5.546 min  
Delta R.T.: -0.002 min  
Response: 68651017  
Conc: 62.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
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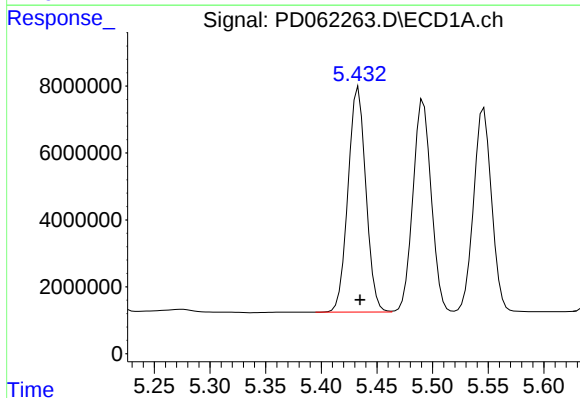
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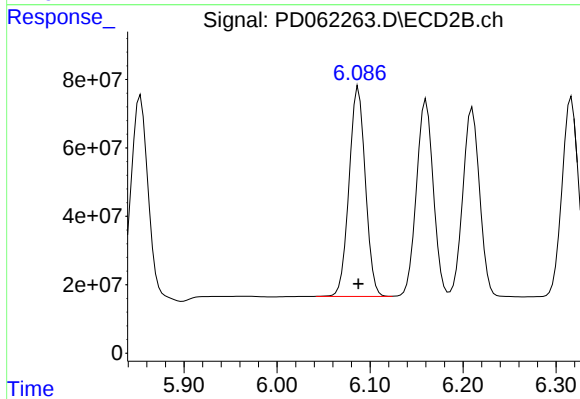
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 690439649  
Conc: 63.69 ng/ml



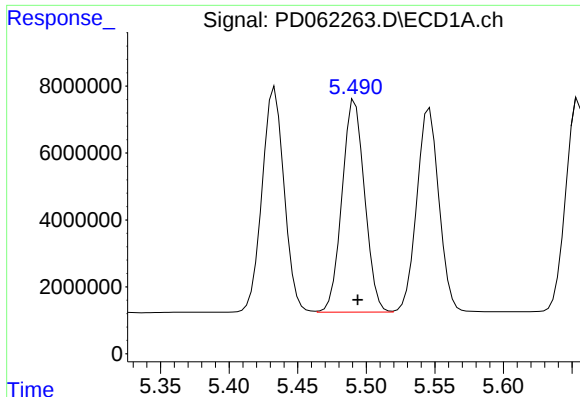
#10 gamma-Chlordane

R.T.: 5.432 min  
Delta R.T.: -0.003 min  
Response: 75137357  
Conc: 64.15 ng/ml m



#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 745515783  
Conc: 62.89 ng/ml



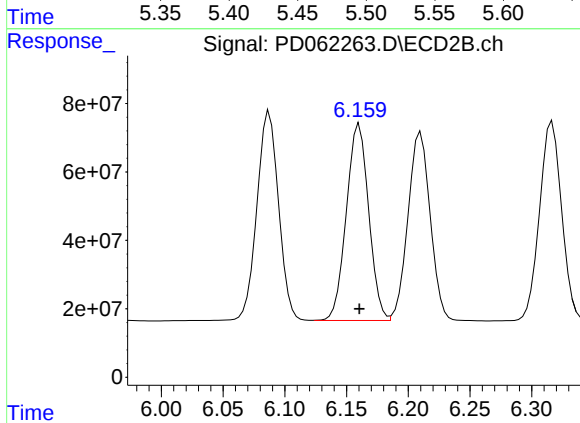
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 72911906  
Conc: 62.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

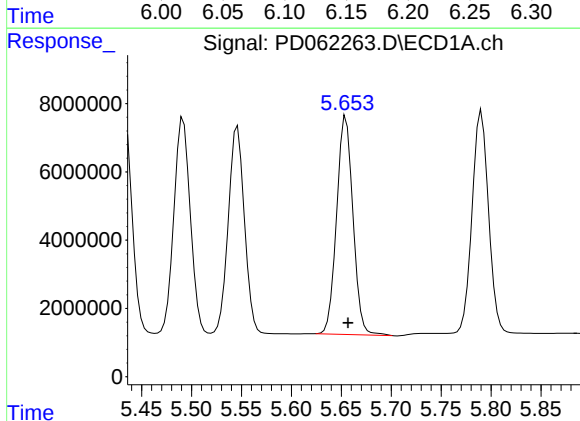
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#11 alpha-Chlordane

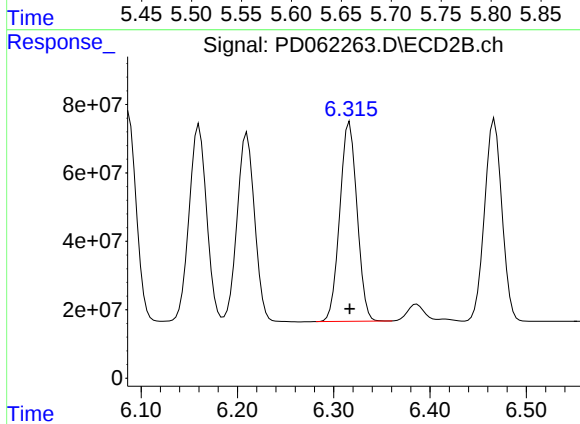
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 724337210  
Conc: 63.54 ng/ml

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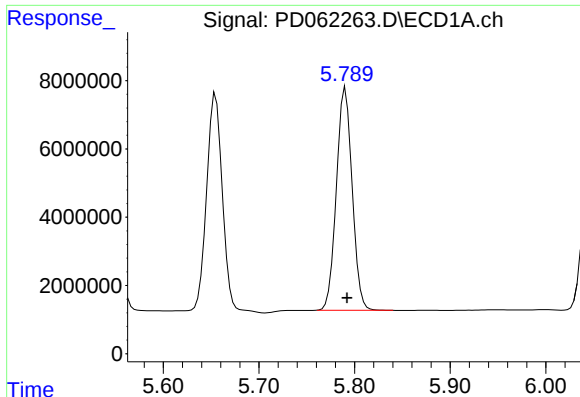
#12 4,4'-DDE

R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 72798240  
Conc: 64.79 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 724622379  
Conc: 62.88 ng/ml



#13 Dieldrin

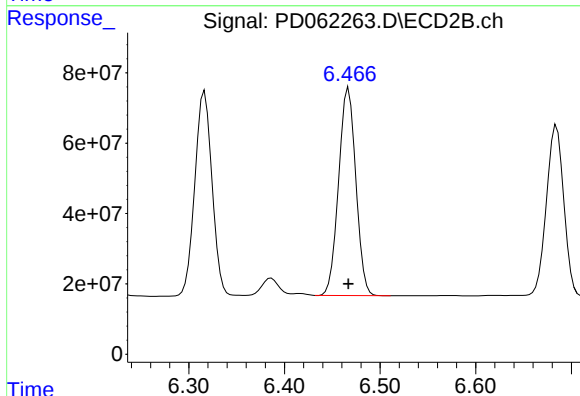
R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 74717090  
Conc: 64.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

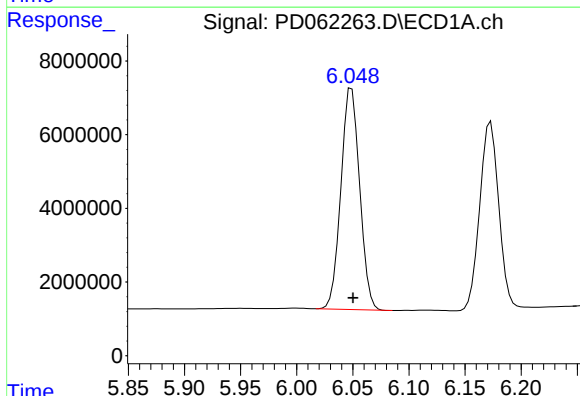
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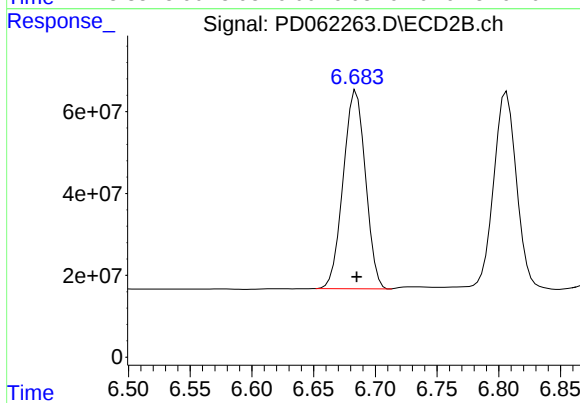
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 739174943  
Conc: 64.04 ng/ml



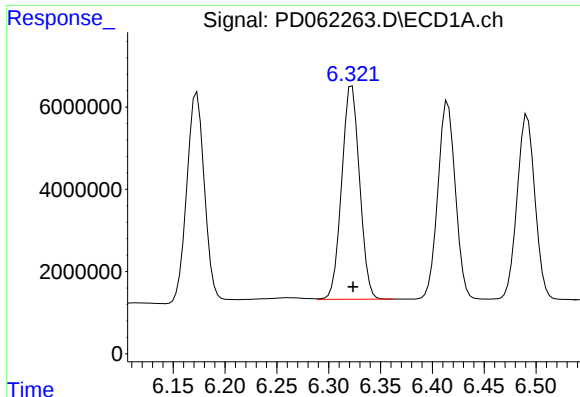
#14 Endrin

R.T.: 6.049 min  
Delta R.T.: -0.001 min  
Response: 69869192  
Conc: 68.00 ng/ml



#14 Endrin

R.T.: 6.685 min  
Delta R.T.: 0.000 min  
Response: 607946379  
Conc: 61.43 ng/ml



#15 Endosulfan II

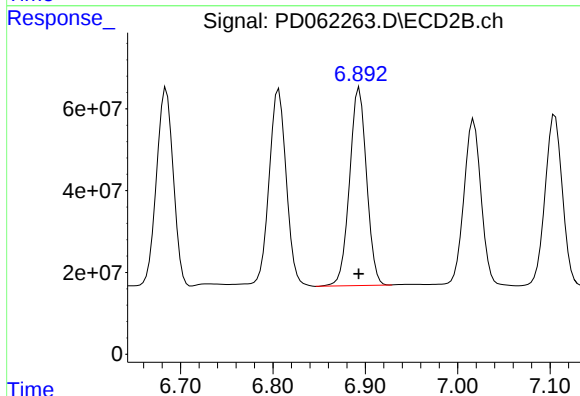
R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 62341517  
Conc: 60.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

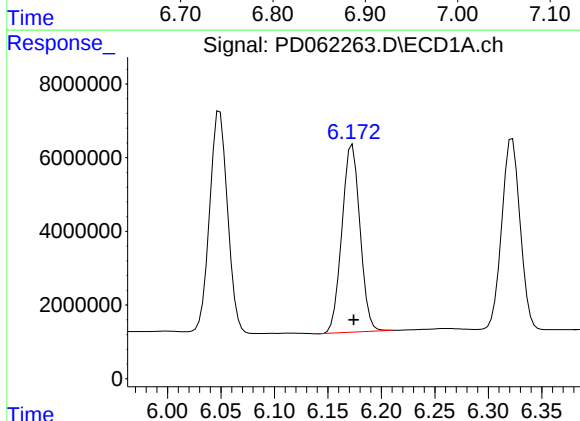
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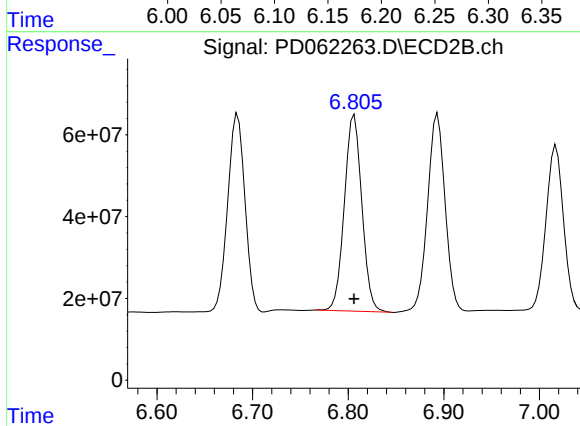
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 618784776  
Conc: 65.17 ng/ml



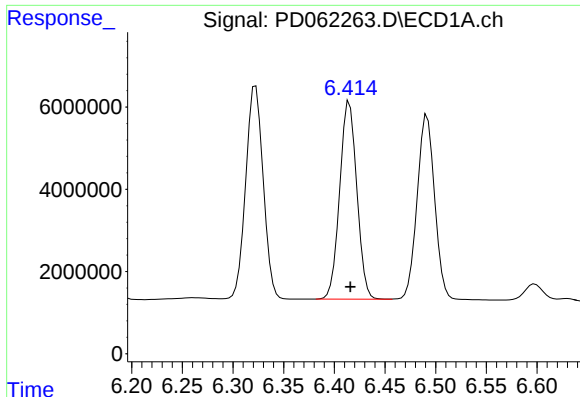
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 60028006  
Conc: 64.50 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 612711602  
Conc: 64.71 ng/ml



#17 4,4'-DDT

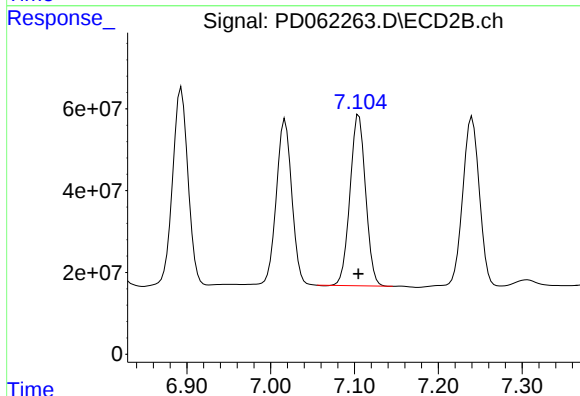
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 56596452  
Conc: 62.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

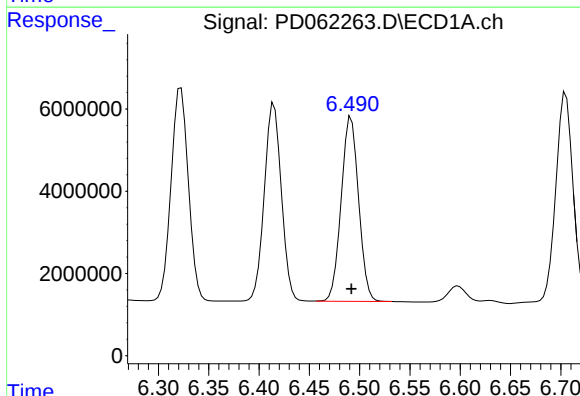
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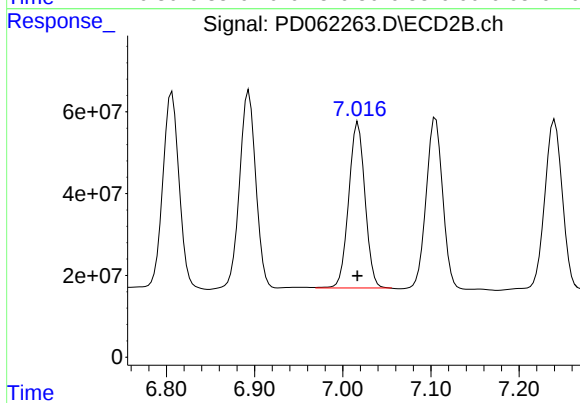
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 542130222  
Conc: 56.76 ng/ml



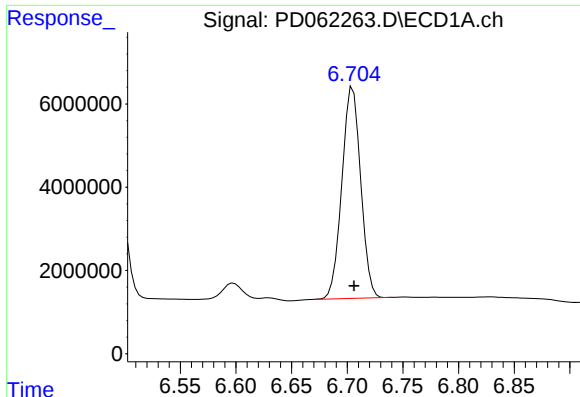
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 53965815  
Conc: 63.17 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 520642883  
Conc: 66.20 ng/ml



#19 Endosulfan Sulfate

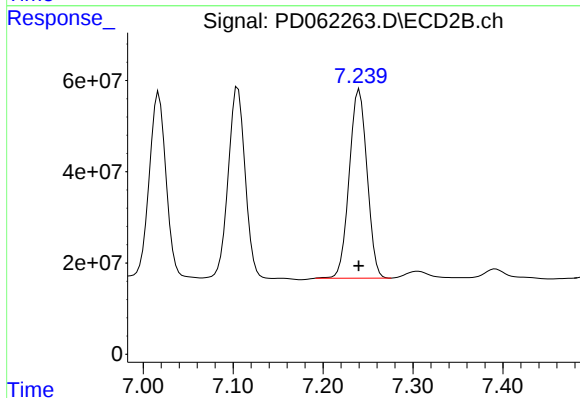
R.T.: 6.705 min  
Delta R.T.: -0.001 min  
Response: 59789607  
Conc: 55.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

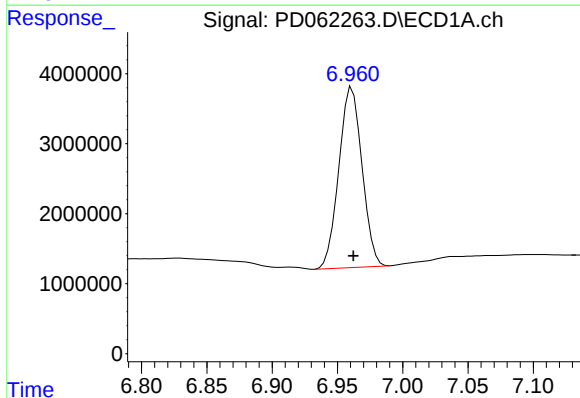
Ankita

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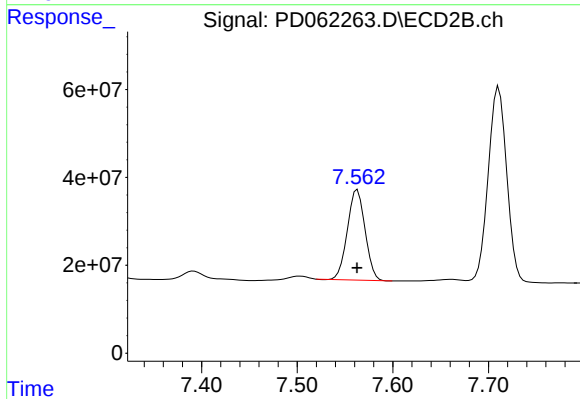
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 569153614  
Conc: 56.79 ng/ml



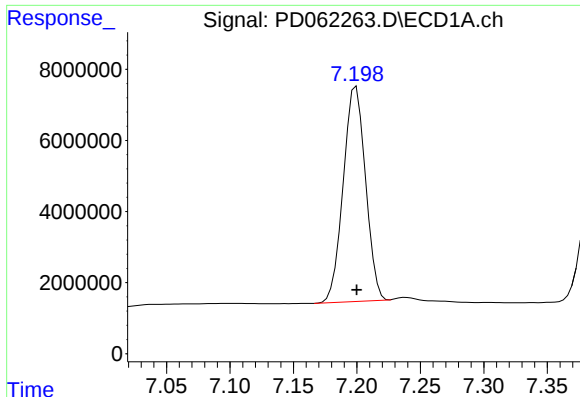
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: -0.001 min  
Response: 31815577  
Conc: 67.33 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 264233645  
Conc: 58.62 ng/ml



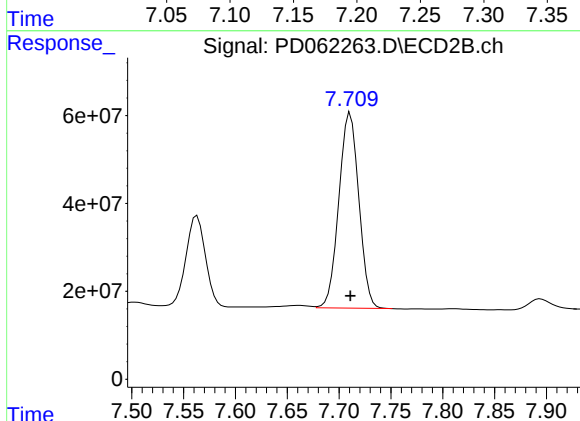
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 73819638  
Conc: 57.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

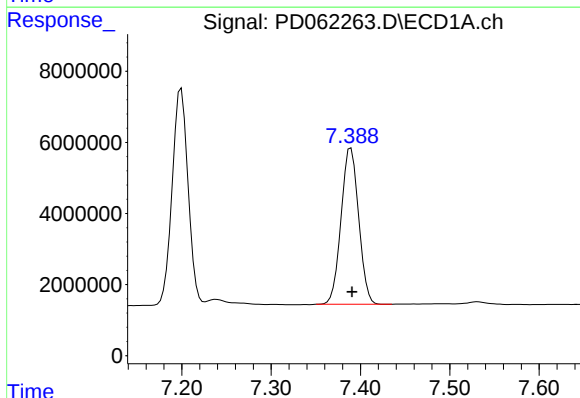
Ankita



#21 Endrin ketone

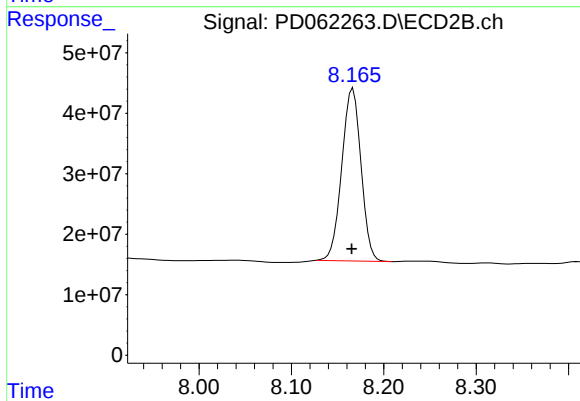
R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 597235353  
Conc: 58.88 ng/ml

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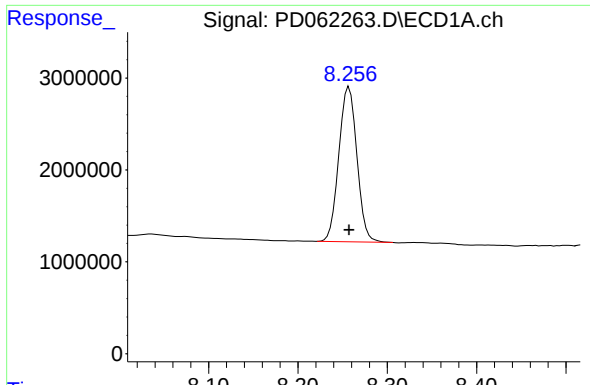
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: -0.001 min  
Response: 60037448  
Conc: 74.37 ng/ml



#22 Mirex

R.T.: 8.167 min  
Delta R.T.: 0.001 min  
Response: 412893536  
Conc: 64.07 ng/ml



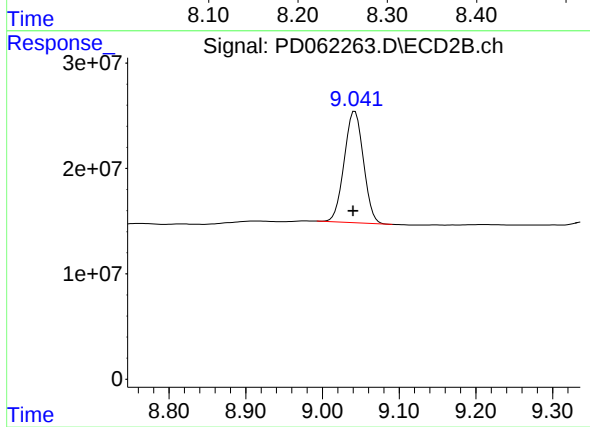
#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 23704940  
Conc: 19.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-6MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.002 min  
Response: 184670467  
Conc: 19.56 ng/ml

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