

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042621\  
 Data File : PD062437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2021 20:36  
 Operator : AR\AJ  
 Sample : M2169-01MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 CF-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 27 01:37:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 23 23:19:57 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 | 16356743 | 224.5E6  | 20.082  | 21.319  |
| 2)                          | SA Decachlor... | 8.255 | 9.040 | 21763875 | 160.1E6  | 17.942  | 18.864  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.924 | 4.369 | 62342951 | 835.8E6  | 48.671  | 49.456  |
| 3)                          | MA gamma-BHC... | 4.208 | 4.654 | 59460197 | 770.7E6  | 48.314  | 49.069  |
| 4)                          | MA Heptachlor   | 4.512 | 5.162 | 63317378 | 766.4E6  | 48.309  | 48.907  |
| 5)                          | MB Aldrin       | 4.761 | 5.466 | 61709246 | 733.6E6  | 49.305  | 48.803  |
| 6)                          | B beta-BHC      | 4.459 | 4.824 | 26928833 | 319.6E6  | 44.729  | 47.777  |
| 7)                          | B delta-BHC     | 4.665 | 5.040 | 60934856 | 692.2E6  | 48.114  | 49.162  |
| 8)                          | B Heptachlo...  | 5.205 | 5.852 | 58555221 | 637.1E6  | 47.693  | 46.381  |
| 9)                          | A Endosulfan I  | 5.546 | 6.209 | 55253387 | 616.7E6  | 46.841  | 47.088  |
| 10)                         | B gamma-Chl...  | 5.433 | 6.087 | 60042000 | 669.0E6  | 47.121  | 47.391  |
| 11)                         | B alpha-Chl...  | 5.492 | 6.159 | 59614965 | 662.1E6  | 47.518  | 48.227  |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.315 | 360.4E6  | 3563.2E6 | 296.881 | 252.356 |
| 13)                         | MA Dieldrin     | 5.790 | 6.465 | 64549105 | 710.7E6  | 50.583  | 50.530  |
| 14)                         | MA Endrin       | 6.048 | 6.682 | 68287550 | 554.9E6  | 58.922  | 45.489m |
| 15)                         | B Endosulfa...  | 6.322 | 6.893 | 49155033 | 520.8E6  | 43.501  | 45.259  |
| 16)                         | A 4,4'-DDD      | 6.171 | 6.805 | 53354541 | 590.8E6  | 53.314  | 53.013  |
| 17)                         | MA 4,4'-DDT     | 6.414 | 7.104 | 393.3E6  | 3546.4E6 | 385.130 | 355.627 |
| 18)                         | B Endrin al...  | 6.490 | 7.016 | 46006194 | 401.2E6  | 46.568  | 42.507  |
| 19)                         | B Endosulfa...  | 6.705 | 7.239 | 52218473 | 542.2E6  | 44.226  | 49.981  |
| 20)                         | A Methoxychlor  | 6.961 | 7.563 | 27510057 | 246.4E6  | 46.295  | 50.437  |
| 21)                         | B Endrin ke...  | 7.198 | 7.710 | 59141796 | 506.9E6  | 48.551  | 50.525  |
| 22)                         | Mirex           | 7.389 | 8.165 | 46992006 | 322.0E6  | 46.997  | 51.517  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042621\  
Data File : PD062437.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Apr 2021 20:36  
Operator : AR\AJ  
Sample : M2169-01MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

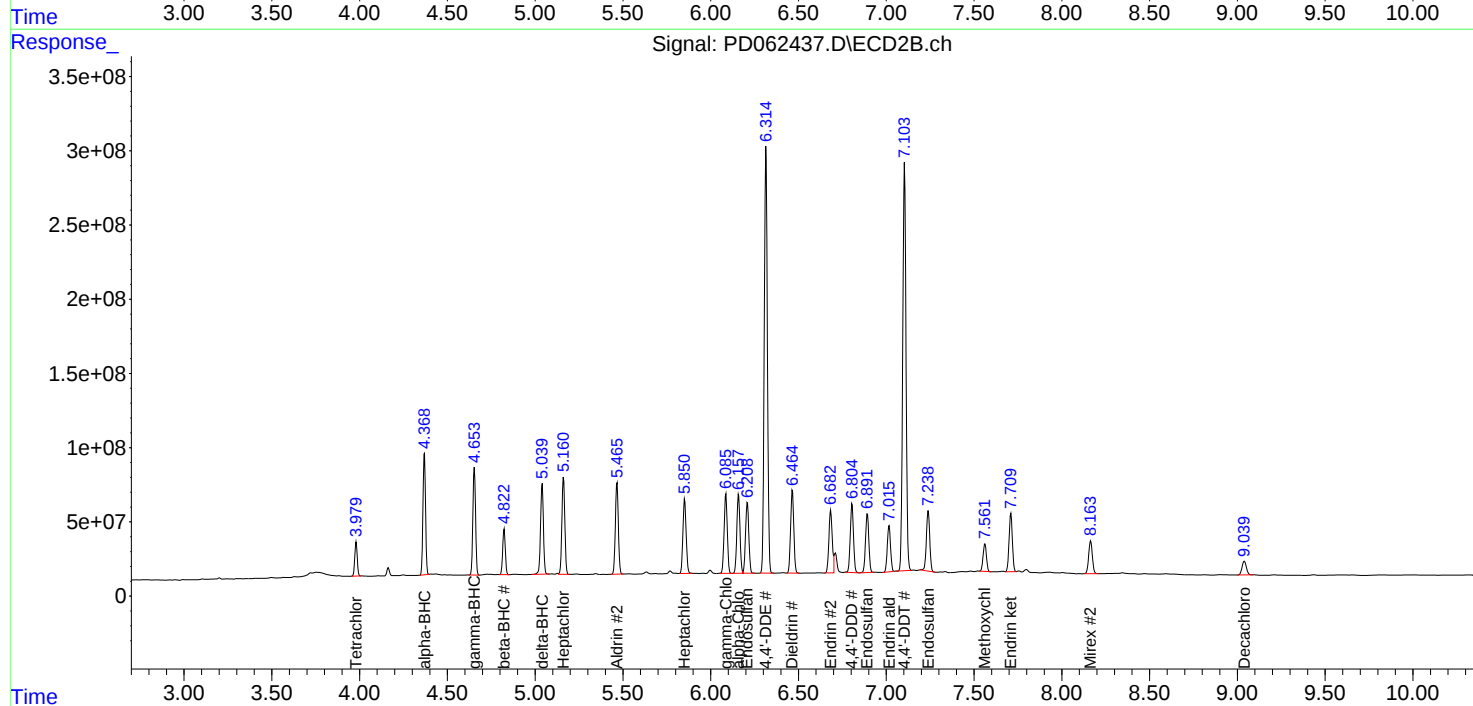
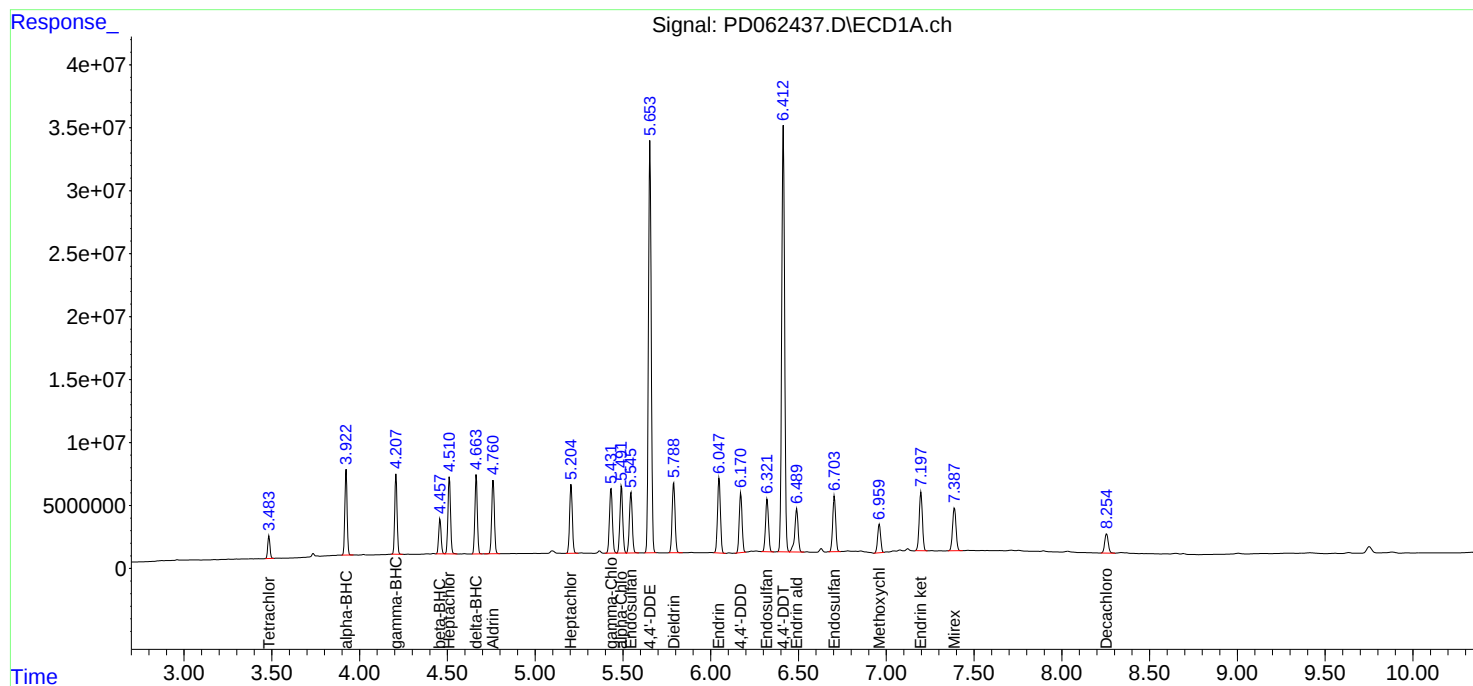
Instrument :  
ECD\_D  
ClientSampled :  
CF-1MSD

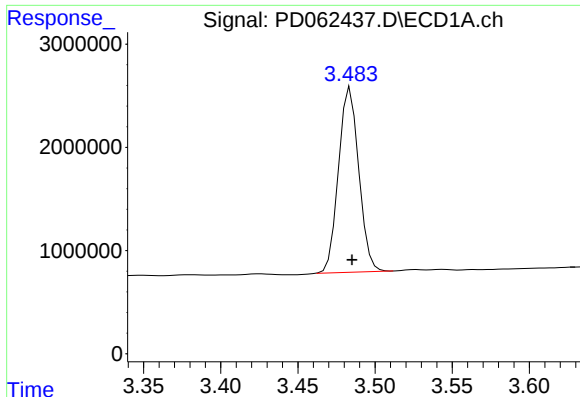
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 27 01:37:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 23 23:19:57 2021  
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





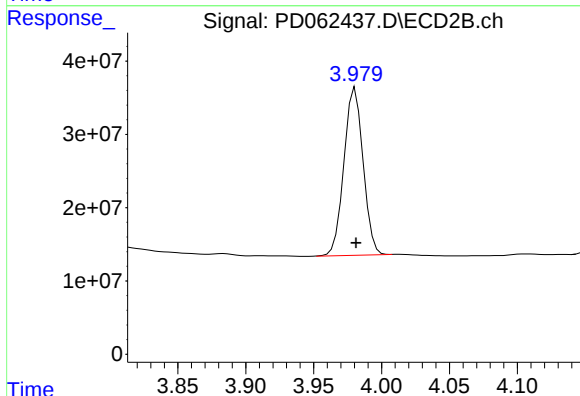
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: 0.000 min  
Response: 16356743  
Conc: 20.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

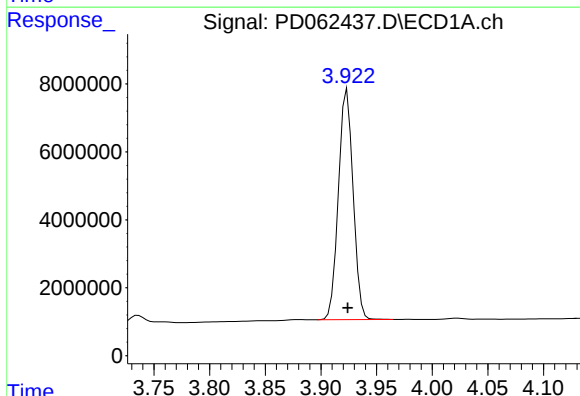
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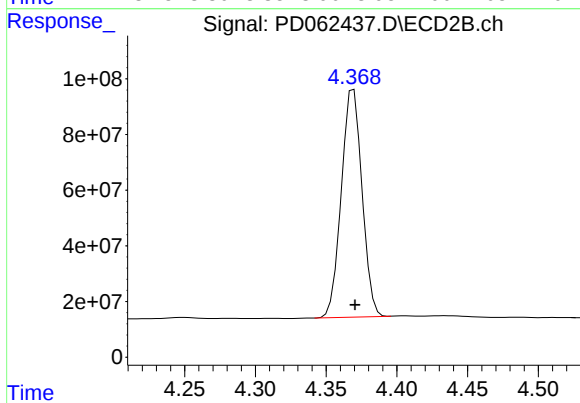
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 224512696  
Conc: 21.32 ng/ml



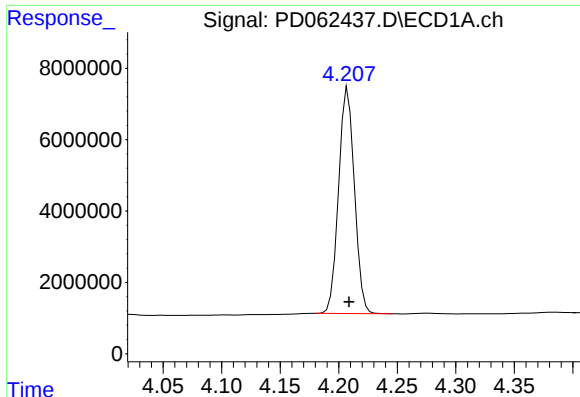
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 62342951  
Conc: 48.67 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 835816390  
Conc: 49.46 ng/ml



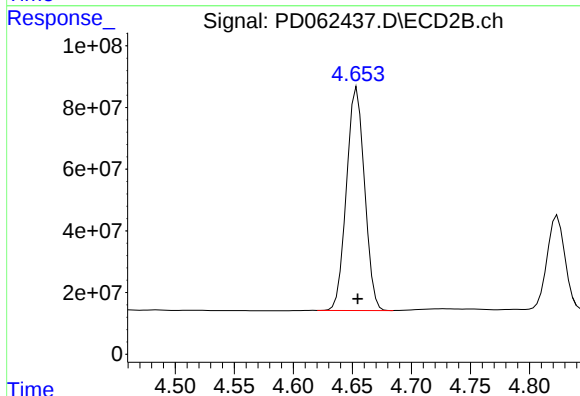
#3 gamma-BHC (Lindane)

R.T.: 4.208 min  
Delta R.T.: -0.001 min  
Response: 59460197  
Conc: 48.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

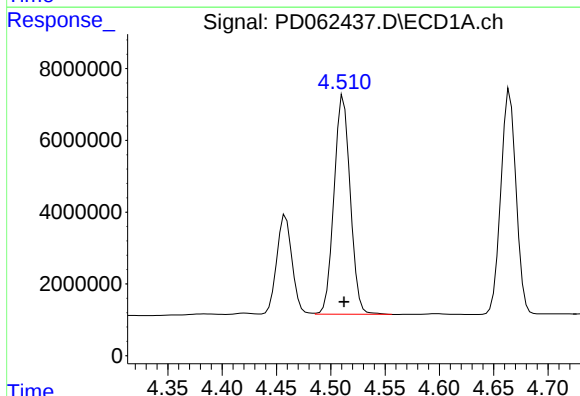
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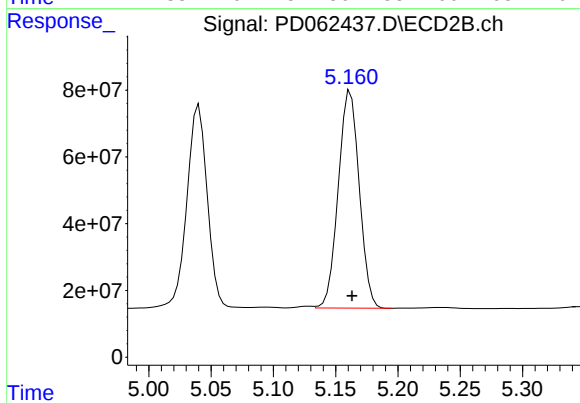
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 770686523  
Conc: 49.07 ng/ml



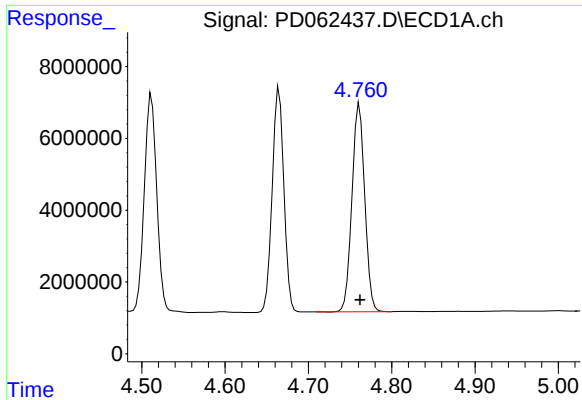
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 63317378  
Conc: 48.31 ng/ml



#4 Heptachlor

R.T.: 5.162 min  
Delta R.T.: -0.001 min  
Response: 766396213  
Conc: 48.91 ng/ml



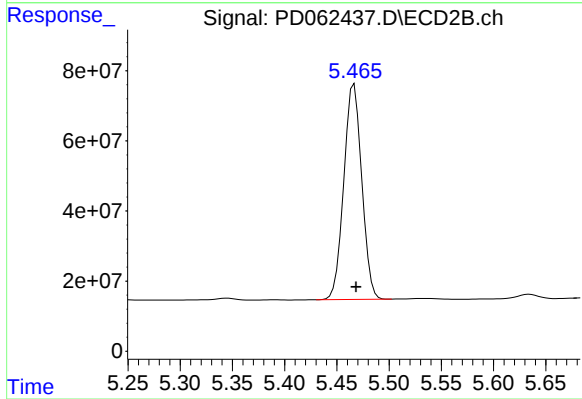
#5 Aldrin

R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 61709246  
Conc: 49.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

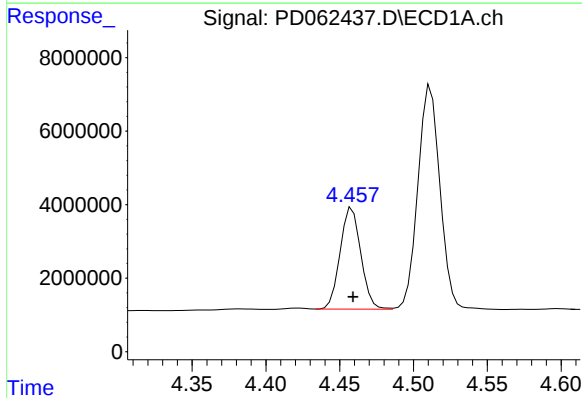
Manual Integrations  
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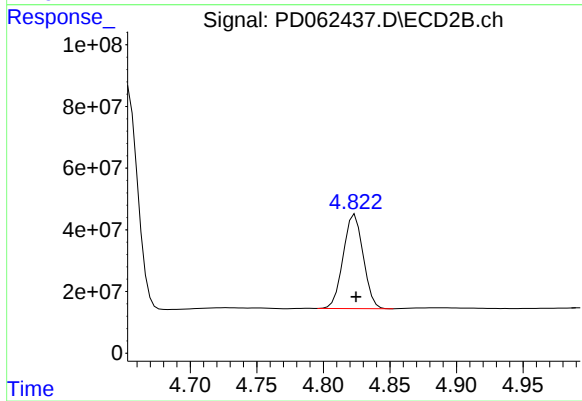
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 733611649  
Conc: 48.80 ng/ml



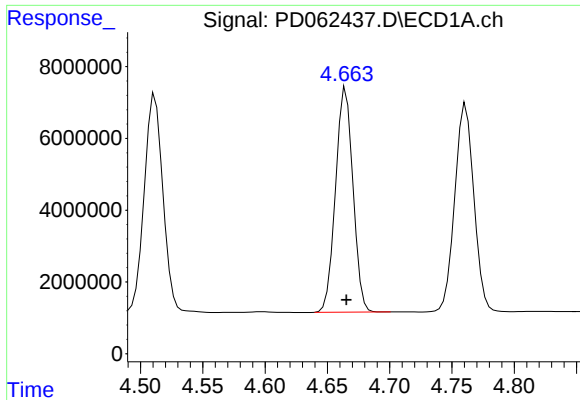
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 26928833  
Conc: 44.73 ng/ml



#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 319630489  
Conc: 47.78 ng/ml



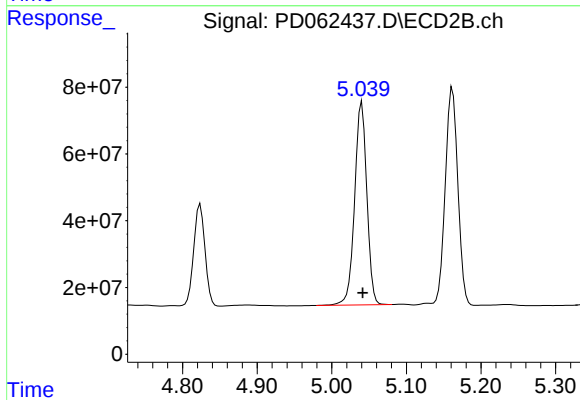
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 60934856  
Conc: 48.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

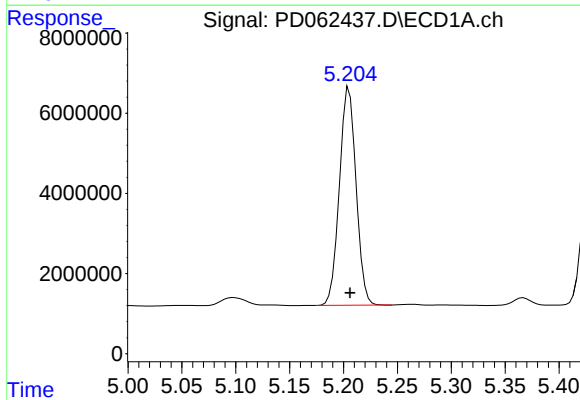
Manual Integrations  
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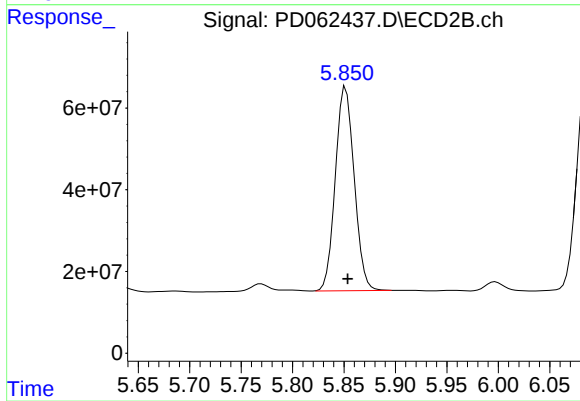
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.001 min  
Response: 692200721  
Conc: 49.16 ng/ml



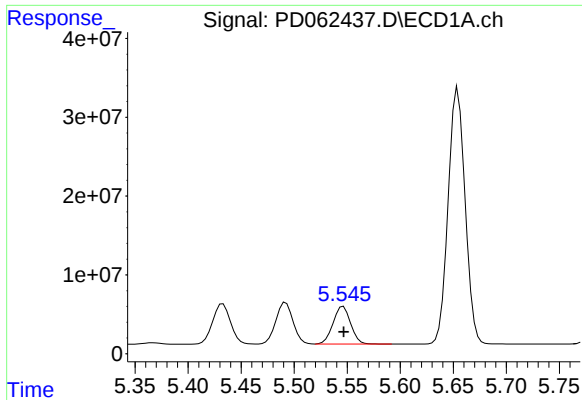
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: -0.001 min  
Response: 58555221  
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min  
Delta R.T.: -0.002 min  
Response: 637129277  
Conc: 46.38 ng/ml



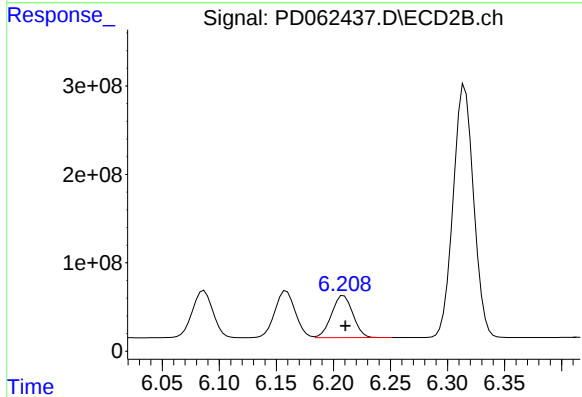
#9 Endosulfan I

R.T.: 5.546 min  
Delta R.T.: 0.000 min  
Response: 55253387  
Conc: 46.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

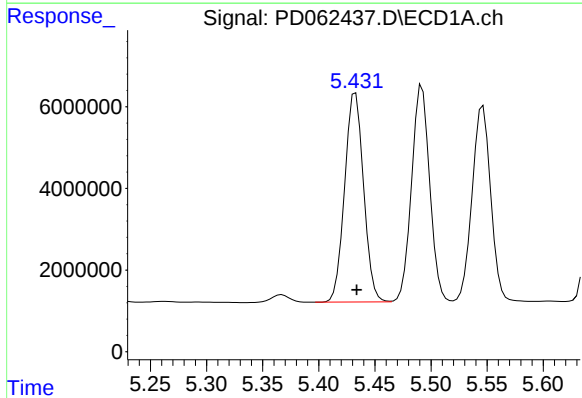
Manual Integrations  
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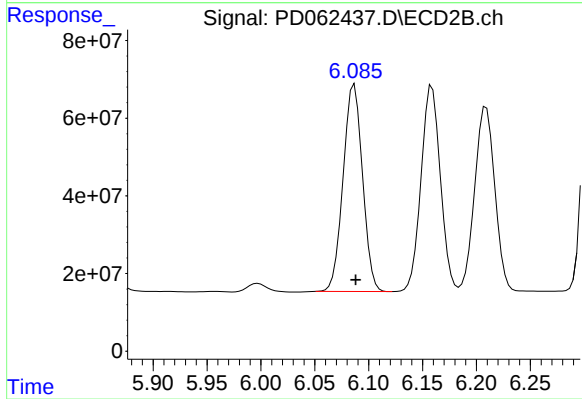
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: -0.001 min  
Response: 616690170  
Conc: 47.09 ng/ml



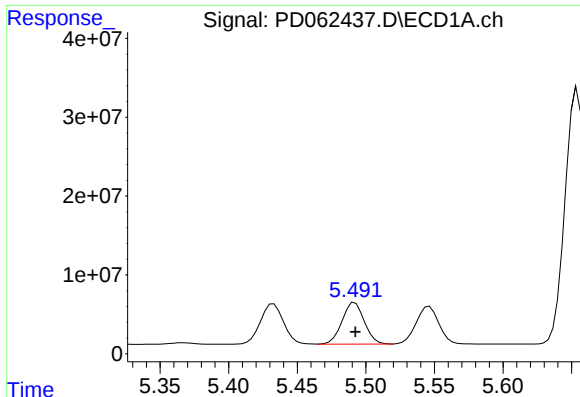
#10 gamma-Chlordane

R.T.: 5.433 min  
Delta R.T.: -0.001 min  
Response: 60042000  
Conc: 47.12 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: -0.001 min  
Response: 668980753  
Conc: 47.39 ng/ml



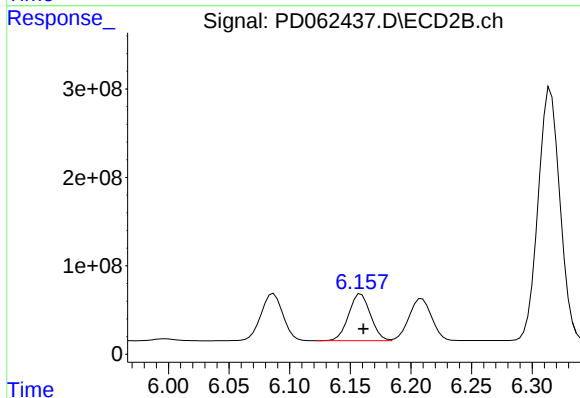
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 59614965  
Conc: 47.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

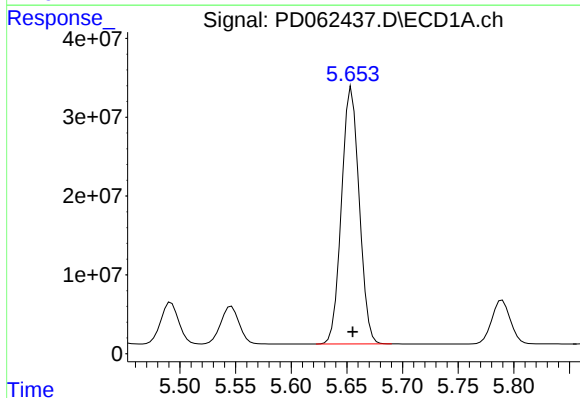
Manual Integrations  
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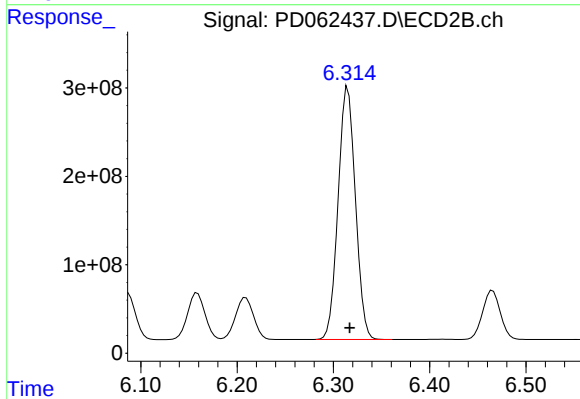
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: -0.002 min  
Response: 662066309  
Conc: 48.23 ng/ml



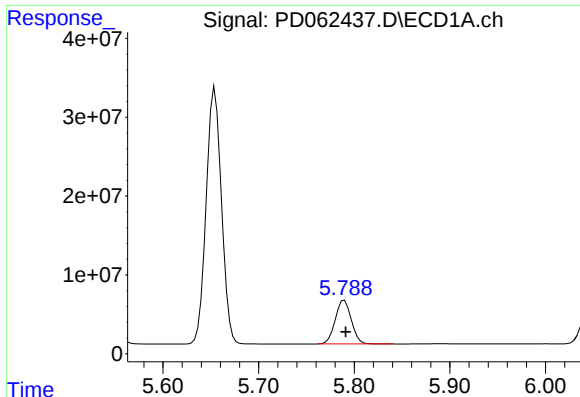
#12 4,4'-DDE

R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 360379681  
Conc: 296.88 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 3563185258  
Conc: 252.36 ng/ml



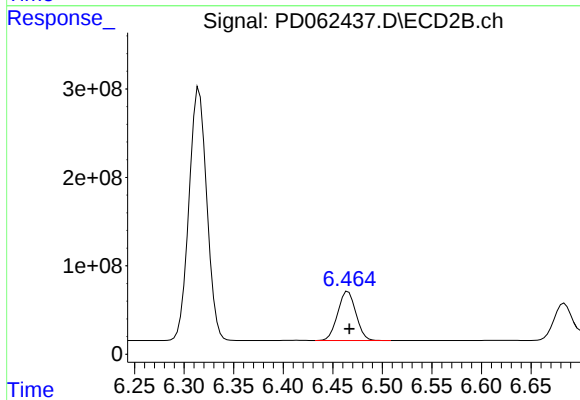
#13 Dieldrin

R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 64549105  
Conc: 50.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

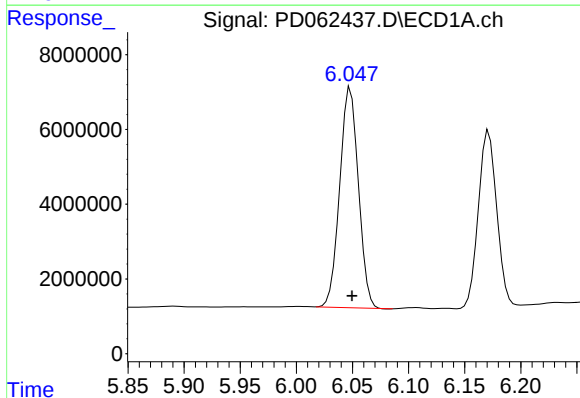
Manual Integrations  
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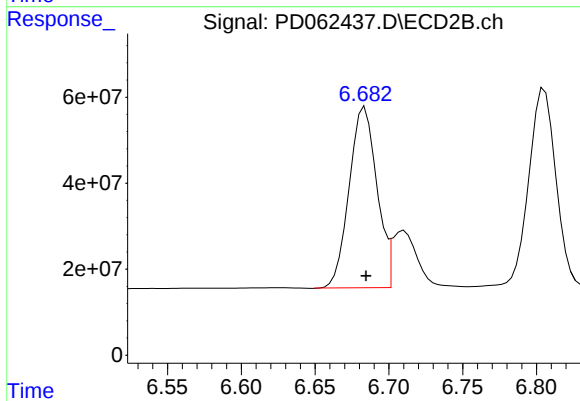
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.001 min  
Response: 710720296  
Conc: 50.53 ng/ml



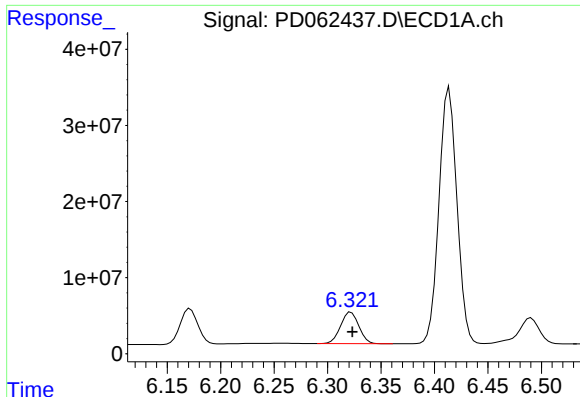
#14 Endrin

R.T.: 6.048 min  
Delta R.T.: -0.001 min  
Response: 68287550  
Conc: 58.92 ng/ml



#14 Endrin

R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 554934791  
Conc: 45.49 ng/ml m



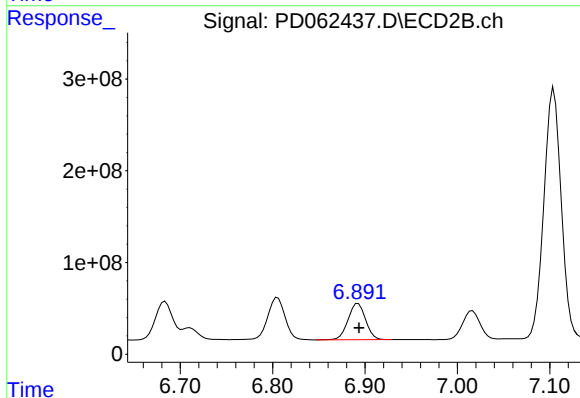
#15 Endosulfan II

R.T.: 6.322 min  
Delta R.T.: -0.001 min  
Response: 49155033  
Conc: 43.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

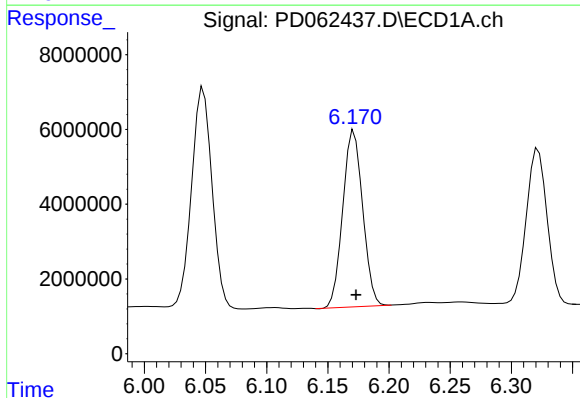
Manual Integrations  
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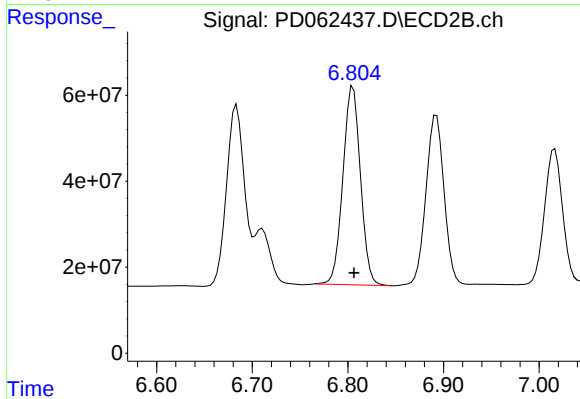
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 520813937  
Conc: 45.26 ng/ml



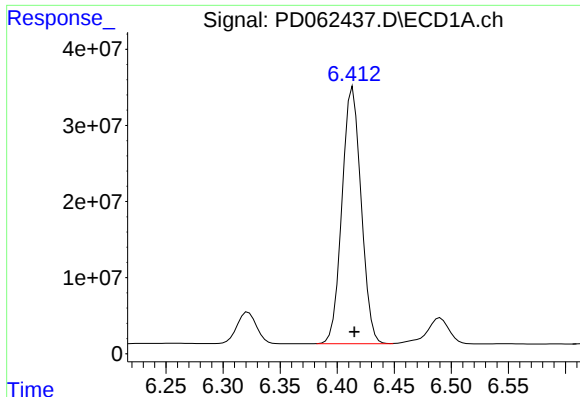
#16 4,4'-DDD

R.T.: 6.171 min  
Delta R.T.: -0.002 min  
Response: 53354541  
Conc: 53.31 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min  
Delta R.T.: -0.001 min  
Response: 590769090  
Conc: 53.01 ng/ml



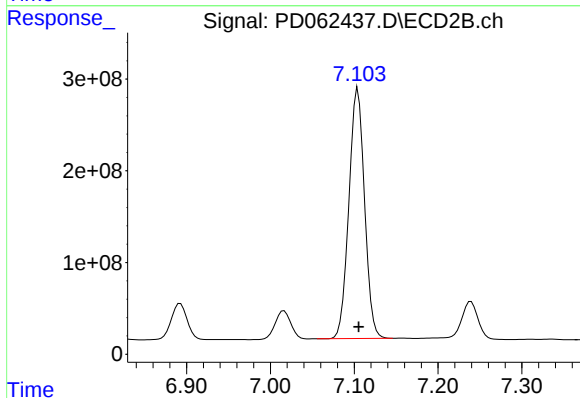
#17 4,4'-DDT

R.T.: 6.414 min  
Delta R.T.: -0.001 min  
Response: 393284910  
Conc: 385.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

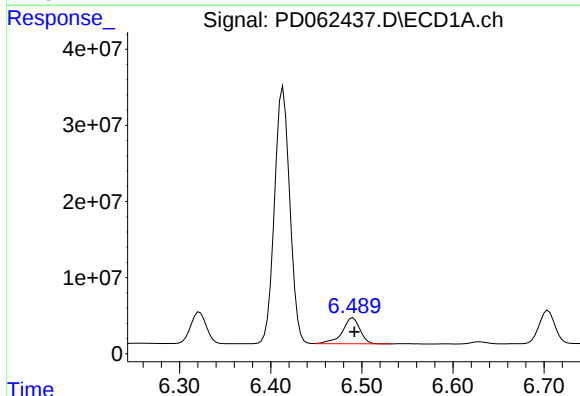
Manual Integrations  
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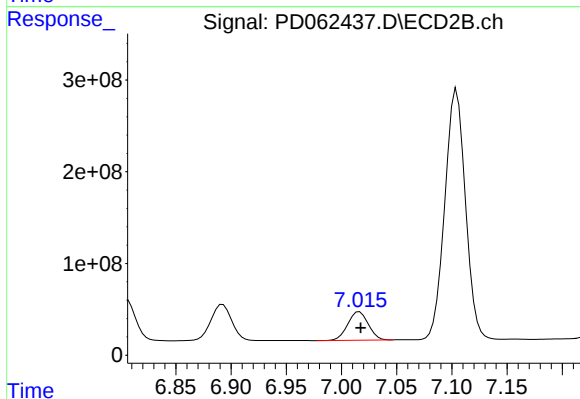
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 3546396175  
Conc: 355.63 ng/ml



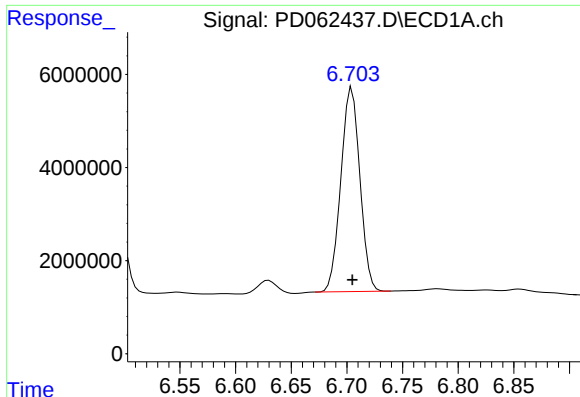
#18 Endrin aldehyde

R.T.: 6.490 min  
Delta R.T.: -0.001 min  
Response: 46006194  
Conc: 46.57 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 401223952  
Conc: 42.51 ng/ml



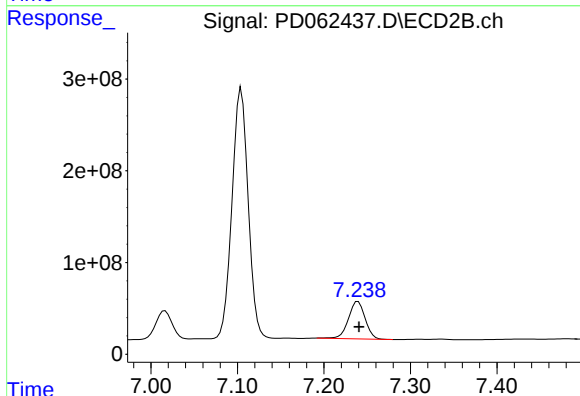
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 52218473  
Conc: 44.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

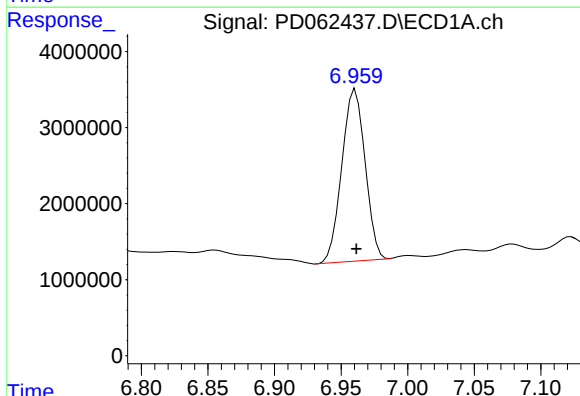
Manual Integrations  
APPROVED

Ankita  
4/27/2021 2:04:41 PM



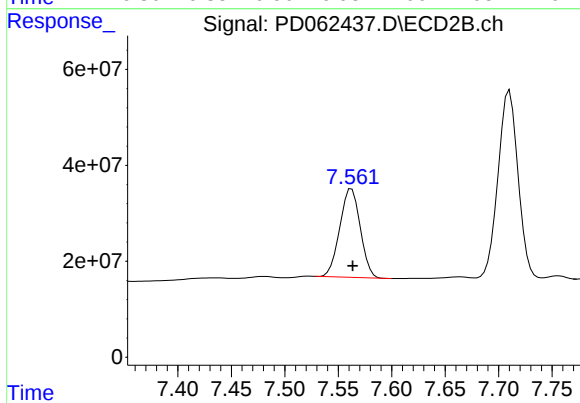
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: -0.001 min  
Response: 542216818  
Conc: 49.98 ng/ml



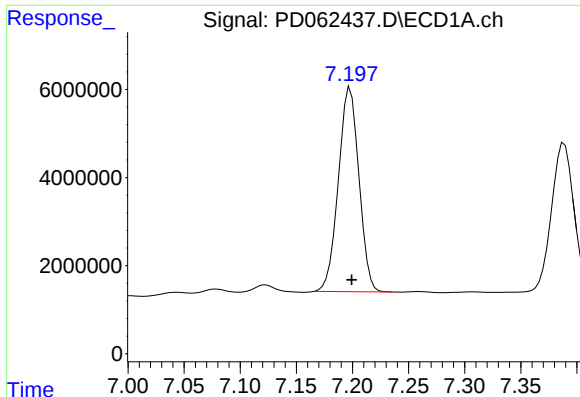
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 27510057  
Conc: 46.30 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 246417246  
Conc: 50.44 ng/ml



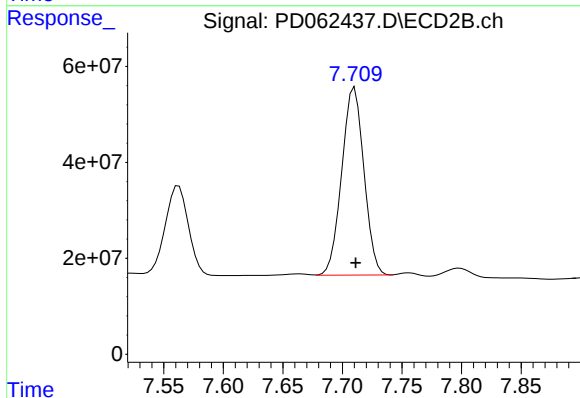
#21 Endrin ketone

R.T.: 7.198 min  
Delta R.T.: -0.001 min  
Response: 59141796  
Conc: 48.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

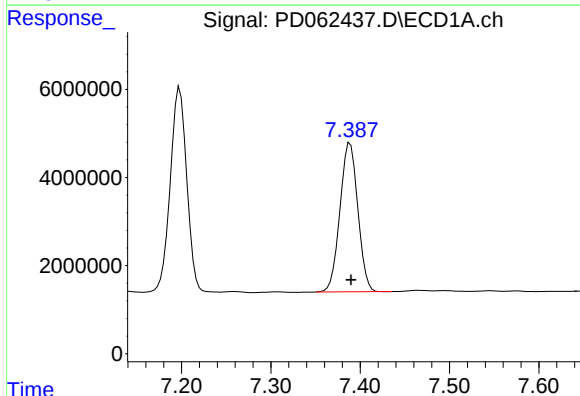
Manual Integrations  
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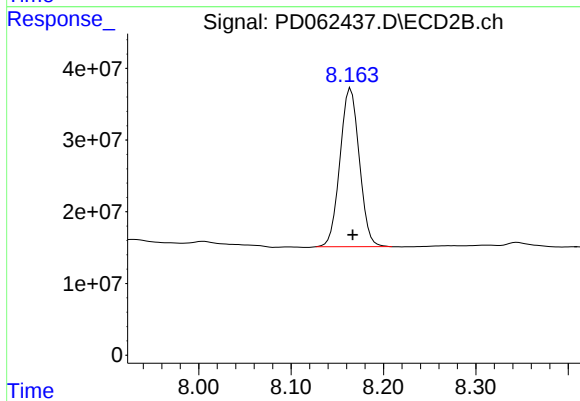
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: -0.001 min  
Response: 506888268  
Conc: 50.52 ng/ml



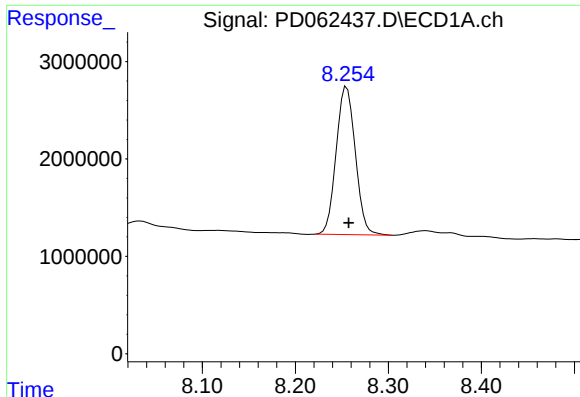
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 46992006  
Conc: 47.00 ng/ml



#22 Mirex

R.T.: 8.165 min  
Delta R.T.: -0.002 min  
Response: 322010386  
Conc: 51.52 ng/ml



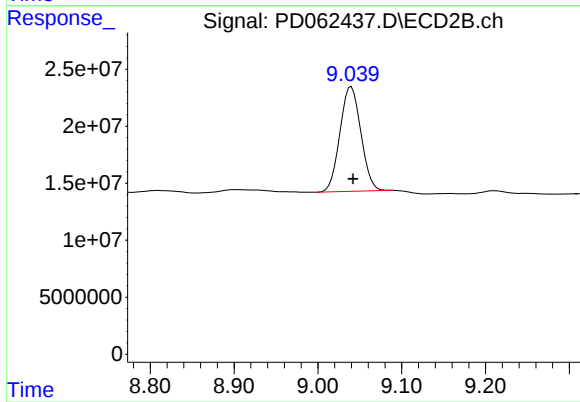
#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.002 min  
Response: 21763875  
Conc: 17.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
CF-1MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.040 min  
Delta R.T.: -0.002 min  
Response: 160061687  
Conc: 18.86 ng/ml