

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063087.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2021 22:25  
 Operator : AR\AJ  
 Sample : M2383-05MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 KSB-03(7-9)MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 07:23:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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... | 3.441 | 3.971 | 22175996 | 217.3E6  | 20.132  | 18.751   |
| 28)                         | SA Decachlor... | 8.195 | 9.025 | 27913763 | 196.8E6  | 22.179  | 19.289   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.876 | 4.359 | 85334027 | 879.1E6  | 49.216  | 45.657   |
| 3)                          | MA gamma-BHC... | 4.160 | 4.642 | 85788373 | 841.6E6  | 52.764  | 48.761m  |
| 4)                          | MA Heptachlor   | 4.460 | 5.151 | 75826480 | 778.3E6  | 48.202  | 46.942   |
| 5)                          | MB Aldrin       | 4.708 | 5.455 | 73287988 | 763.1E6  | 47.839  | 45.714   |
| 6)                          | B beta-BHC      | 4.410 | 4.816 | 32141294 | 292.8E6  | 39.745  | 39.481   |
| 7)                          | B delta-BHC     | 4.614 | 5.029 | 79620936 | 715.6E6  | 48.302  | 51.219m  |
| 8)                          | B Heptachlo...  | 5.151 | 5.841 | 66002533 | 623.3E6  | 45.800  | 40.751   |
| 9)                          | A Endosulfan I  | 5.489 | 6.197 | 51404832 | 626.2E6  | 37.881m | 44.087   |
| 10)                         | B gamma-Chl...  | 5.378 | 6.073 | 73046501 | 752.6E6  | 49.800  | 48.279m  |
| 11)                         | B alpha-Chl...  | 5.436 | 6.147 | 67612077 | 697.3E6  | 46.831  | 47.052   |
| 12)                         | B 4,4'-DDE      | 5.599 | 6.303 | 137.0E6  | 1120.3E6 | 95.530  | 74.224   |
| 13)                         | MA Dieldrin     | 5.731 | 6.454 | 76721423 | 672.6E6  | 51.852m | 44.354   |
| 14)                         | MA Endrin       | 5.990 | 6.671 | 66293639 | 553.8E6  | 49.566  | 43.405   |
| 15)                         | B Endosulfa...  | 6.264 | 6.881 | 54639303 | 601.1E6  | 43.918  | 50.124   |
| 16)                         | A 4,4'-DDD      | 6.116 | 6.793 | 53515295 | 663.7E6  | 44.486  | 54.703   |
| 17)                         | MA 4,4'-DDT     | 6.357 | 7.092 | 70860936 | 711.3E6  | 61.998  | 63.083   |
| 18)                         | B Endrin al...  | 6.433 | 7.004 | 43339794 | 378.1E6  | 40.773  | 37.122   |
| 19)                         | B Endosulfa...  | 6.646 | 7.227 | 50522905 | 499.1E6  | 41.918  | 40.680   |
| 20)                         | A Methoxychlor  | 6.905 | 7.550 | 26327515 | 272.0E6  | 39.232  | 47.409   |
| 21)                         | B Endrin ke...  | 7.138 | 7.698 | 53058042 | 565.4E6  | 35.905  | 47.136 # |
| 22)                         | Mirex           | 7.326 | 8.152 | 38893347 | 332.5E6  | 36.247  | 43.728   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063087.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2021 22:25  
 Operator : AR\AJ  
 Sample : M2383-05MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

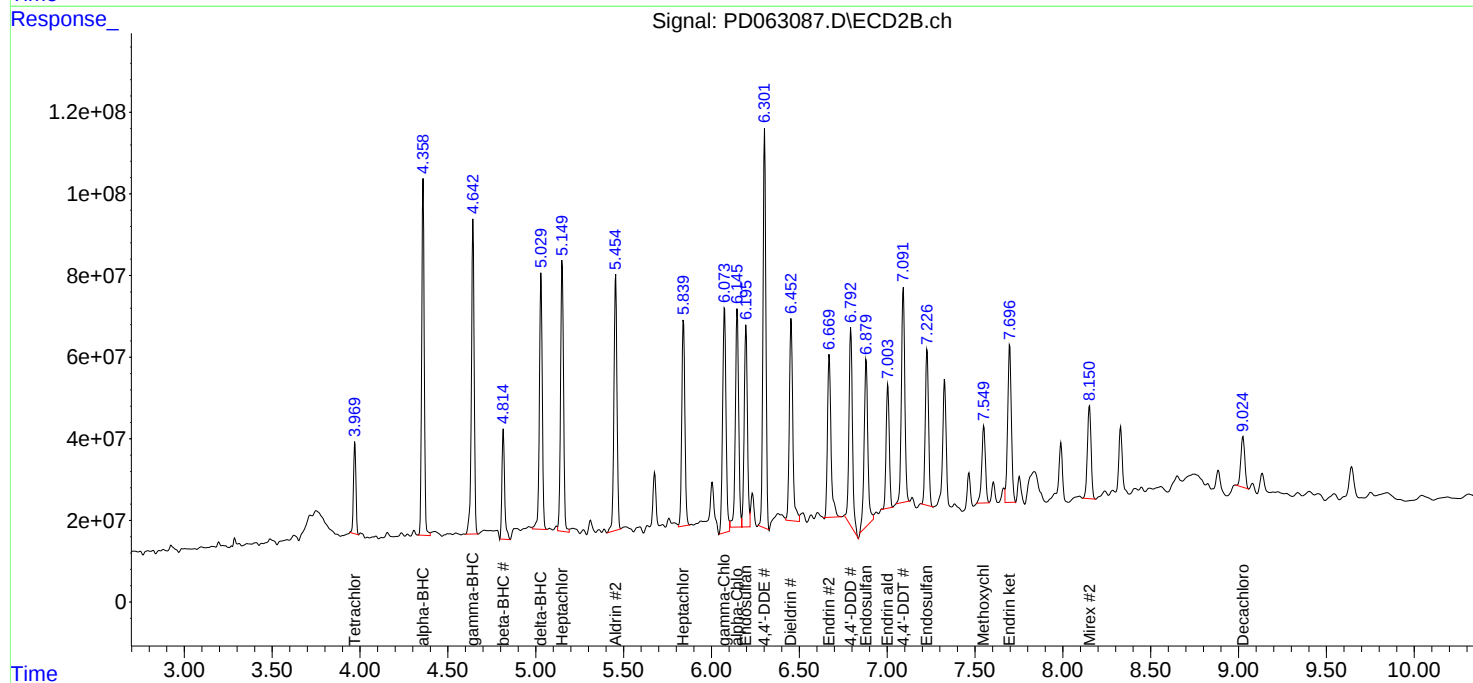
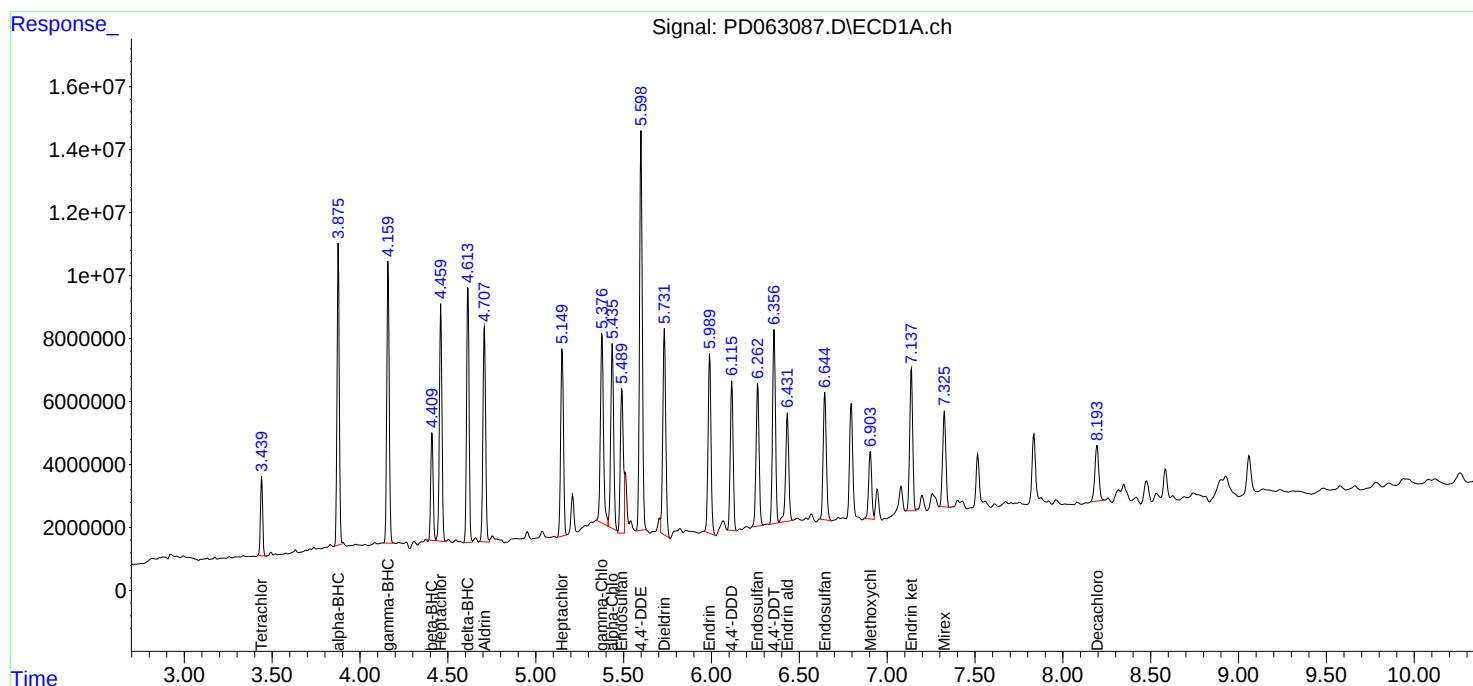
Instrument :  
 ECD\_D  
 ClientSampleId :  
 KSB-03(7-9)MSD

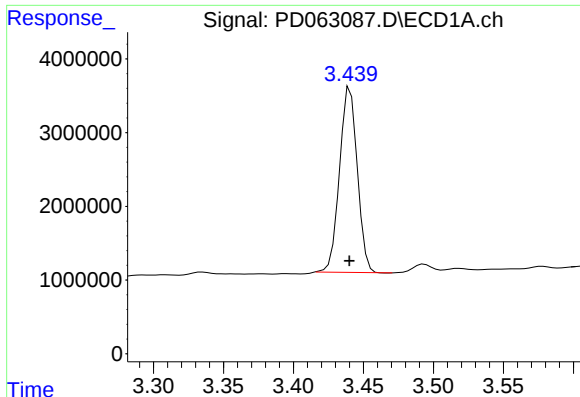
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 07:23:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
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Volume Inj. : 2 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





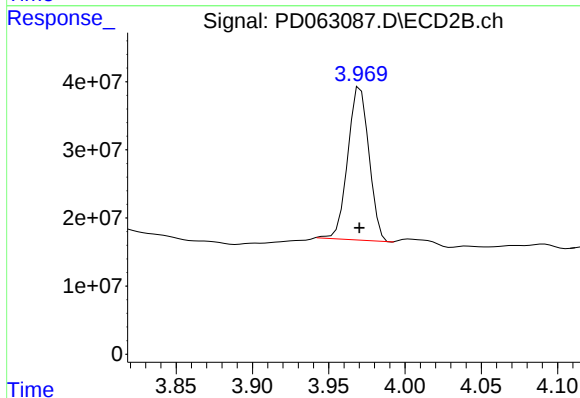
#1 Tetrachloro-m-xylene

R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 22175996  
Conc: 20.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

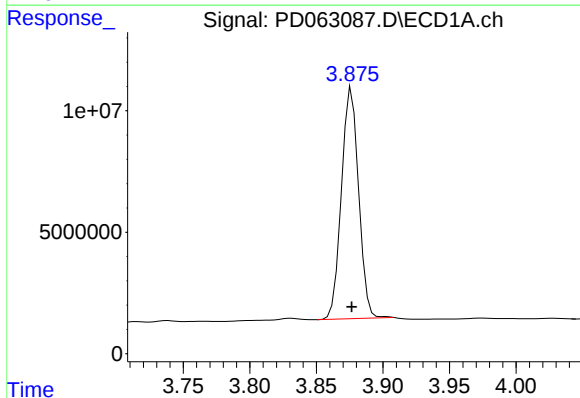
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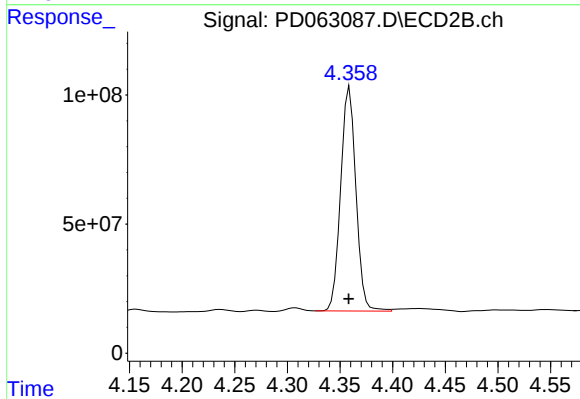
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 217294856  
Conc: 18.75 ng/ml



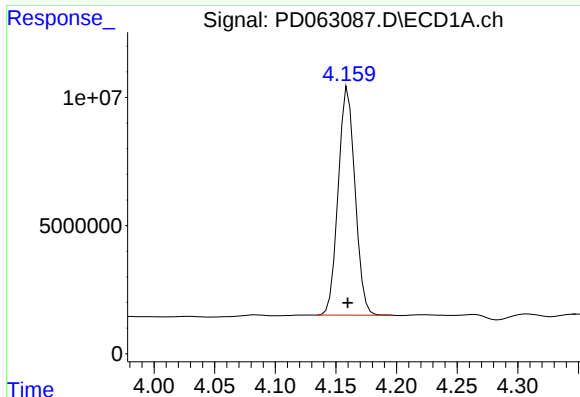
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 85334027  
Conc: 49.22 ng/ml



#2 alpha-BHC

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 879108590  
Conc: 45.66 ng/ml



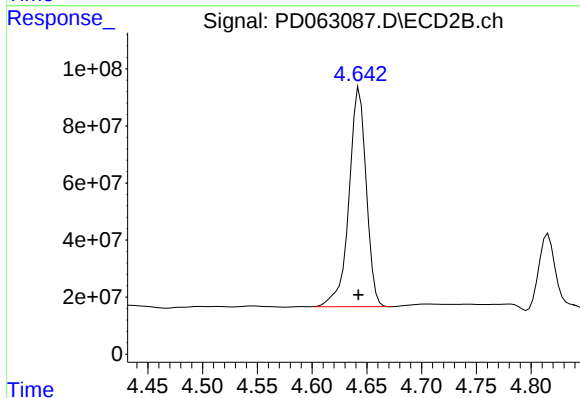
#3 gamma-BHC (Lindane)

R.T.: 4.160 min  
Delta R.T.: 0.000 min  
Response: 85788373  
Conc: 52.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

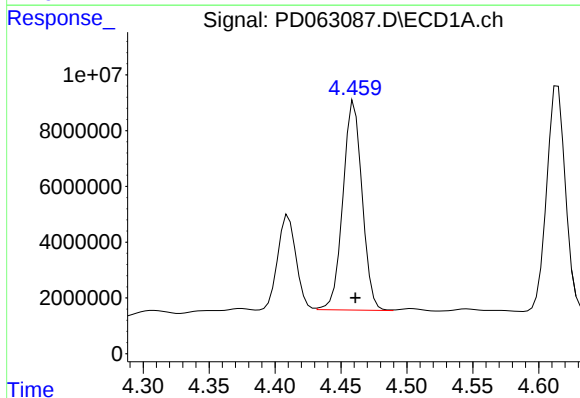
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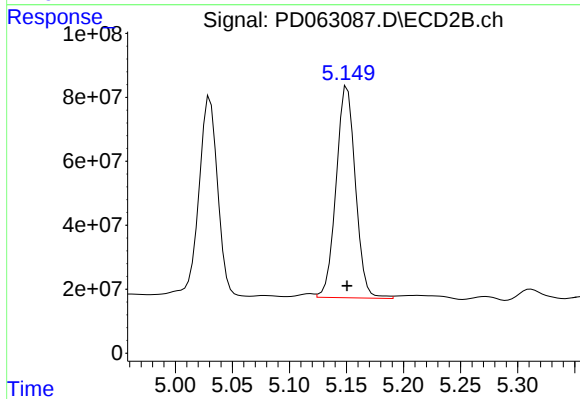
#3 gamma-BHC (Lindane)

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 841567114  
Conc: 48.76 ng/ml m



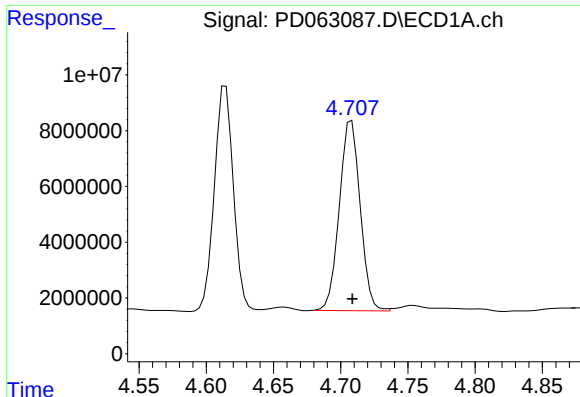
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 75826480  
Conc: 48.20 ng/ml



#4 Heptachlor

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 778324282  
Conc: 46.94 ng/ml



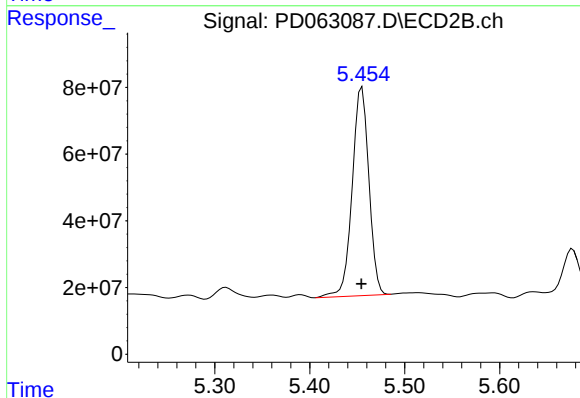
#5 Aldrin

R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 73287988  
Conc: 47.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

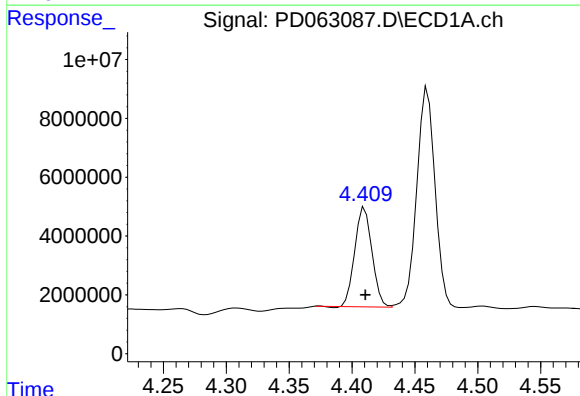
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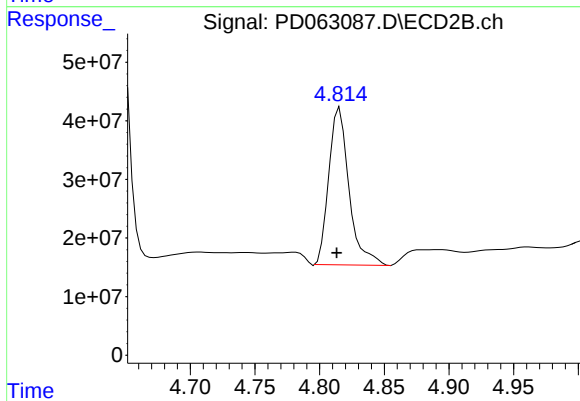
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 763058776  
Conc: 45.71 ng/ml



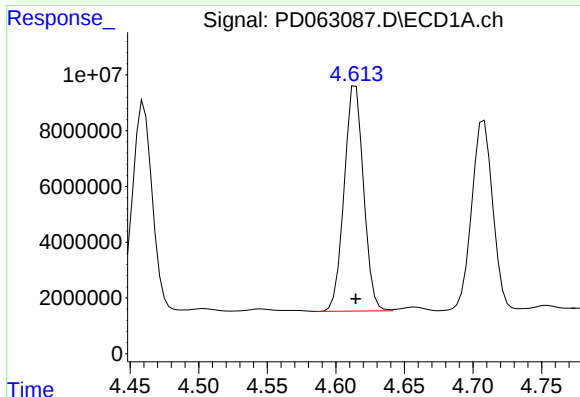
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 32141294  
Conc: 39.74 ng/ml



#6 beta-BHC

R.T.: 4.816 min  
Delta R.T.: 0.002 min  
Response: 292847527  
Conc: 39.48 ng/ml



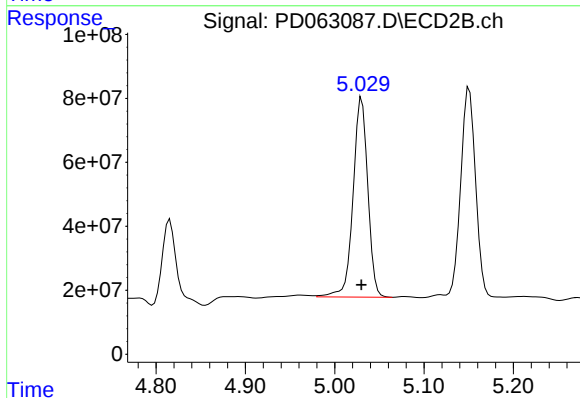
#7 delta-BHC

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 79620936  
Conc: 48.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

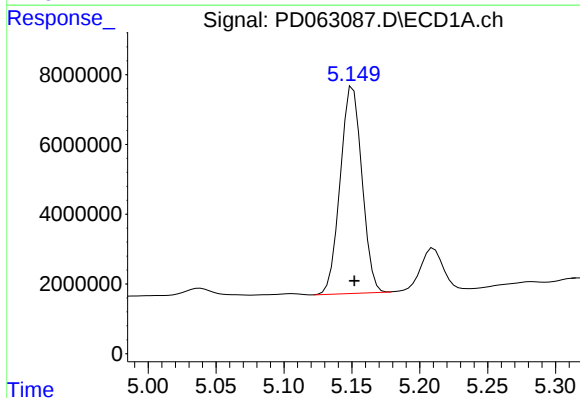
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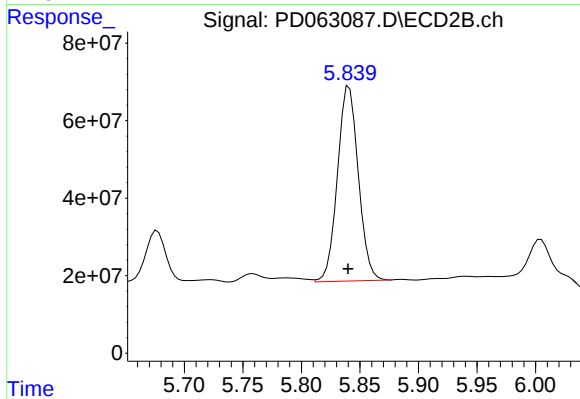
#7 delta-BHC

R.T.: 5.029 min  
Delta R.T.: -0.001 min  
Response: 715622428  
Conc: 51.22 ng/ml m



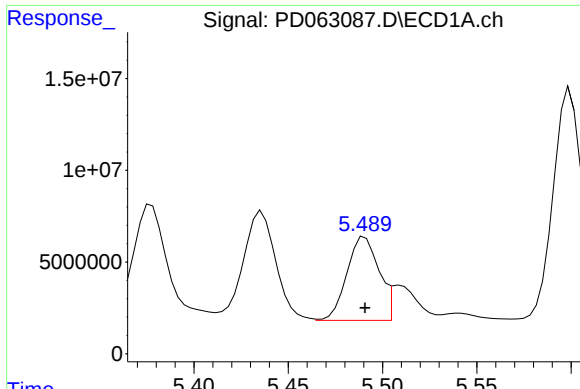
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 66002533  
Conc: 45.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.841 min  
Delta R.T.: 0.000 min  
Response: 623315262  
Conc: 40.75 ng/ml



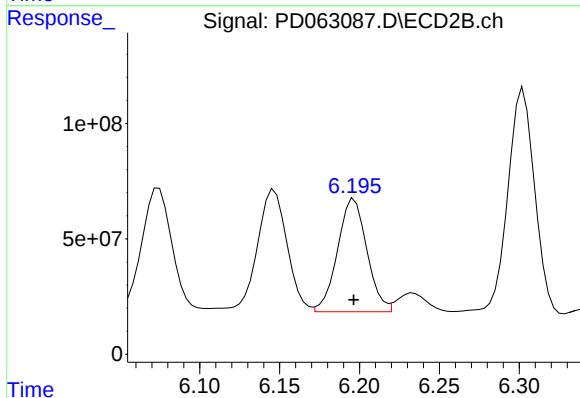
#9 Endosulfan I

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 51404832  
Conc: 37.88 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

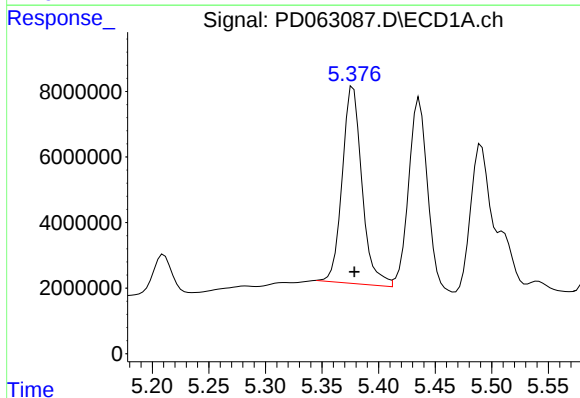
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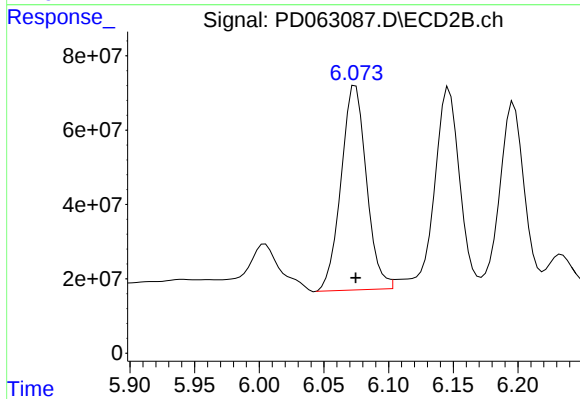
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 626245535  
Conc: 44.09 ng/ml



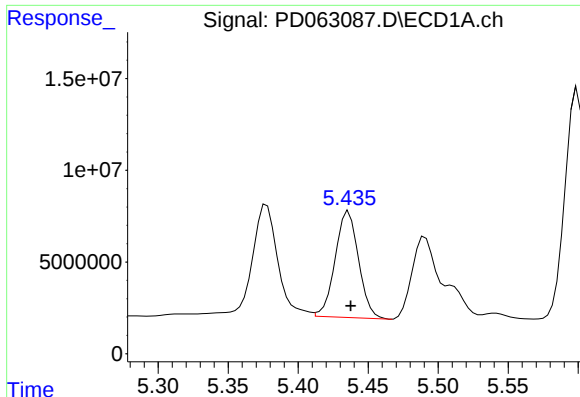
#10 gamma-Chlordane

R.T.: 5.378 min  
Delta R.T.: -0.001 min  
Response: 73046501  
Conc: 49.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 752615058  
Conc: 48.28 ng/ml m



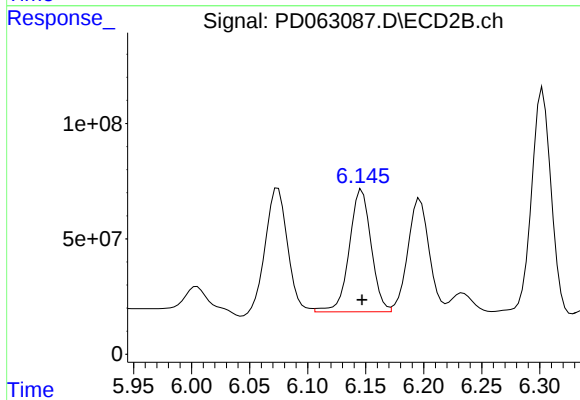
#11 alpha-Chlordane

R.T.: 5.436 min  
Delta R.T.: -0.001 min  
Response: 67612077  
Conc: 46.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

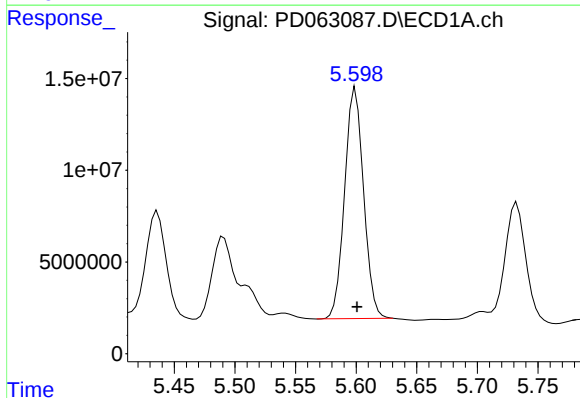
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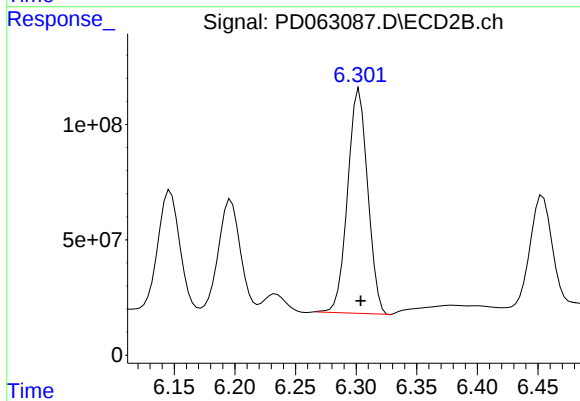
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 697288127  
Conc: 47.05 ng/ml



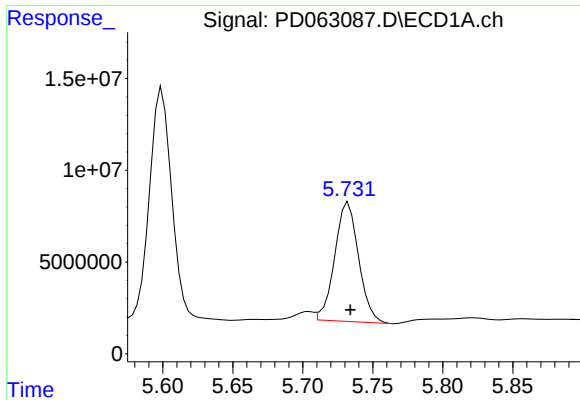
#12 4,4'-DDE

R.T.: 5.599 min  
Delta R.T.: -0.001 min  
Response: 137049633  
Conc: 95.53 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min  
Delta R.T.: -0.001 min  
Response: 1120343716  
Conc: 74.22 ng/ml



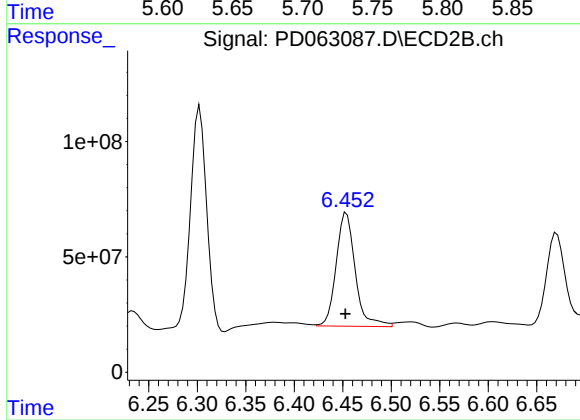
#13 Dieldrin

R.T.: 5.731 min  
Delta R.T.: -0.003 min  
Response: 76721423  
Conc: 51.85 ng/ml m

Instrument :  
ECD\_D  
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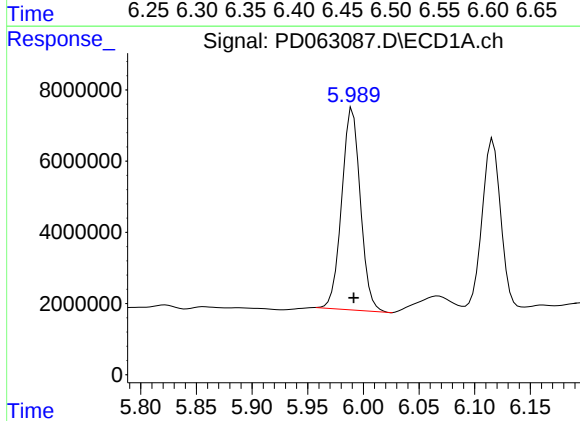
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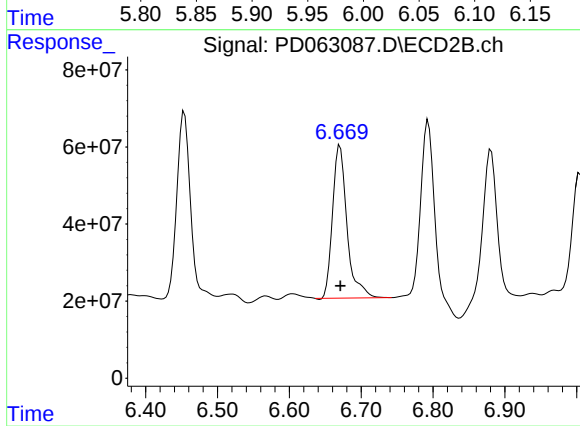
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.001 min  
Response: 672561363  
Conc: 44.35 ng/ml



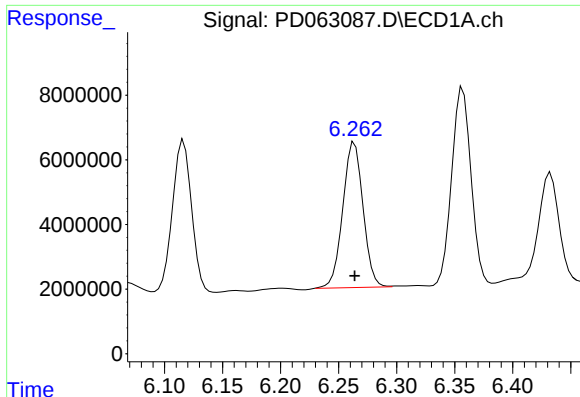
#14 Endrin

R.T.: 5.990 min  
Delta R.T.: -0.001 min  
Response: 66293639  
Conc: 49.57 ng/ml



#14 Endrin

R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 553790003  
Conc: 43.41 ng/ml



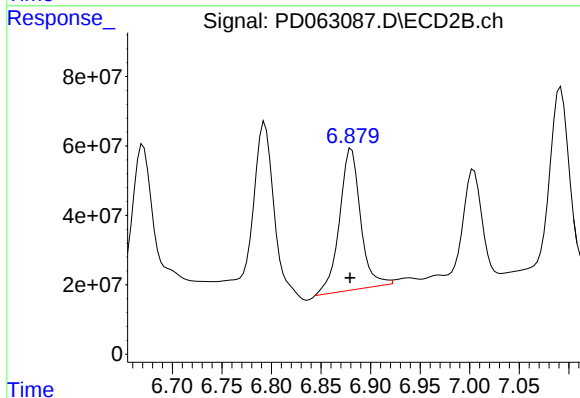
#15 Endosulfan II

R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 54639303  
Conc: 43.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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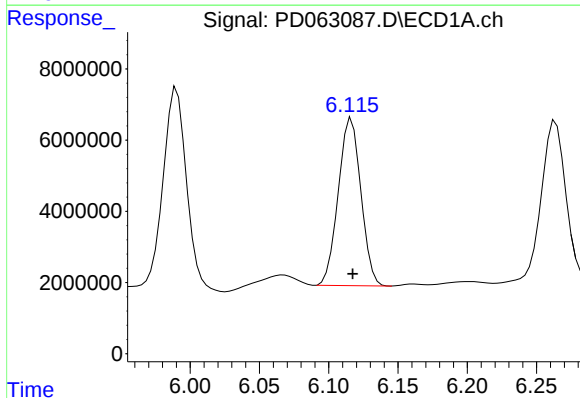
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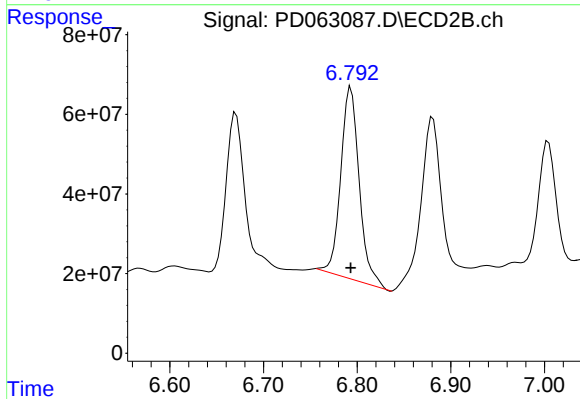
#15 Endosulfan II

R.T.: 6.881 min  
Delta R.T.: 0.001 min  
Response: 601063192  
Conc: 50.12 ng/ml



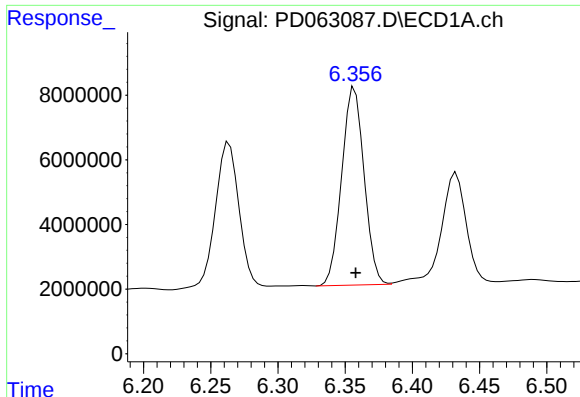
#16 4,4'-DDD

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 53515295  
Conc: 44.49 ng/ml



#16 4,4'-DDD

R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 663678476  
Conc: 54.70 ng/ml



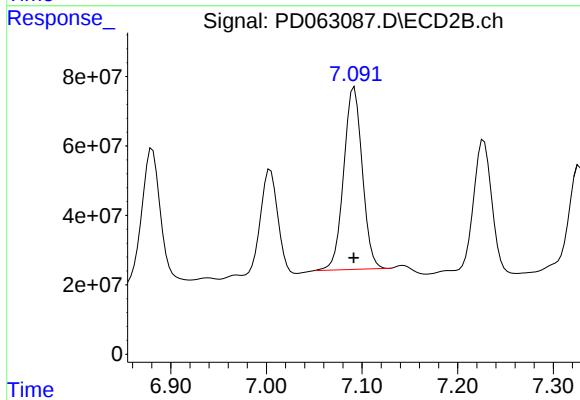
#17 4,4'-DDT

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 70860936  
Conc: 62.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

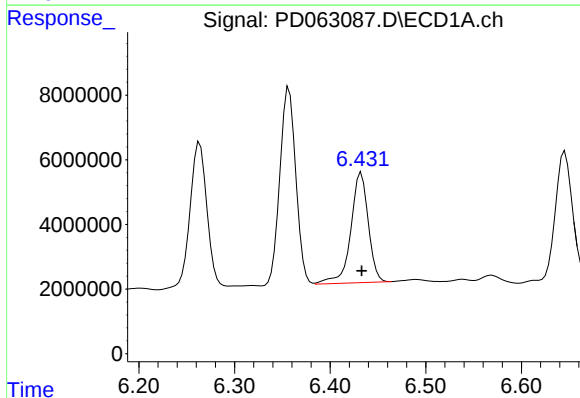
Manual Integrations  
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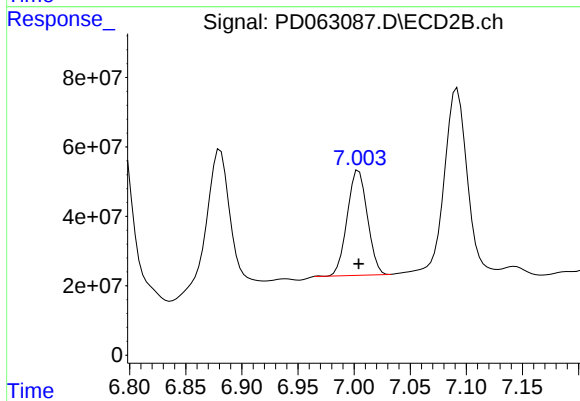
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 711303632  
Conc: 63.08 ng/ml



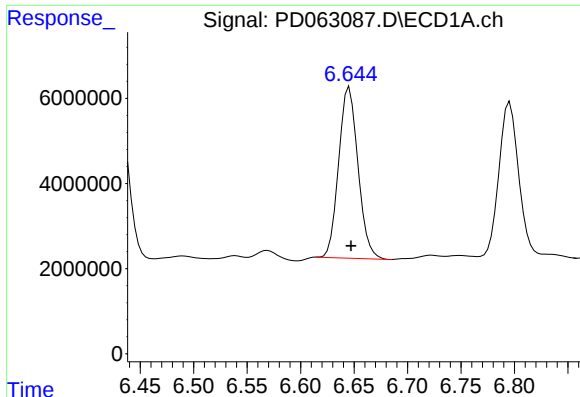
#18 Endrin aldehyde

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 43339794  
Conc: 40.77 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 378070136  
Conc: 37.12 ng/ml



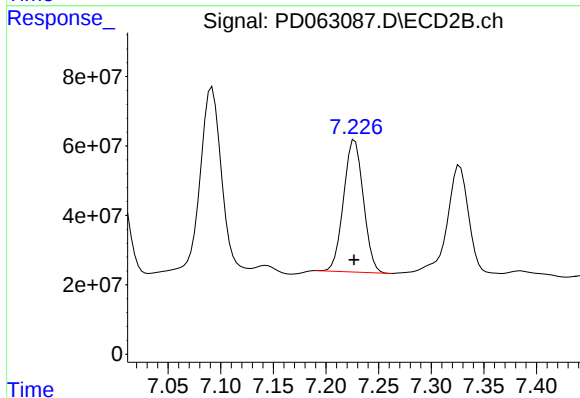
#19 Endosulfan Sulfate

R.T.: 6.646 min  
Delta R.T.: -0.002 min  
Response: 50522905  
Conc: 41.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

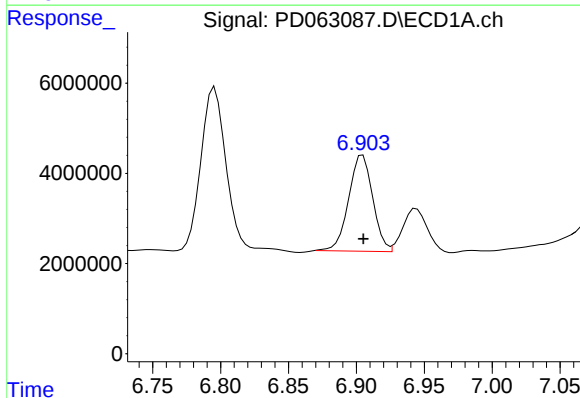
Manual Integrations  
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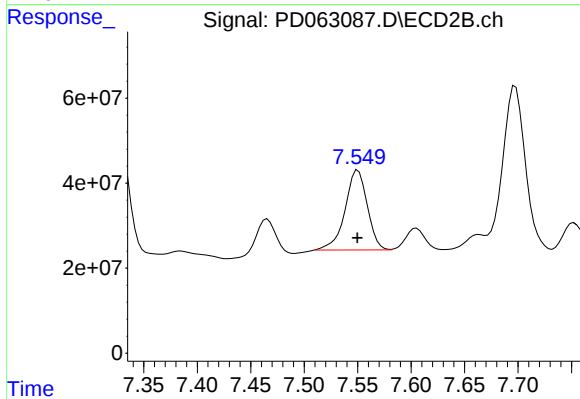
#19 Endosulfan Sulfate

R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 499144691  
Conc: 40.68 ng/ml



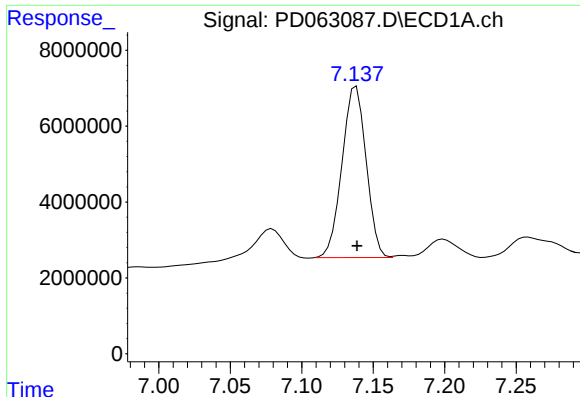
#20 Methoxychlor

R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 26327515  
Conc: 39.23 ng/ml



#20 Methoxychlor

R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 271971301  
Conc: 47.41 ng/ml



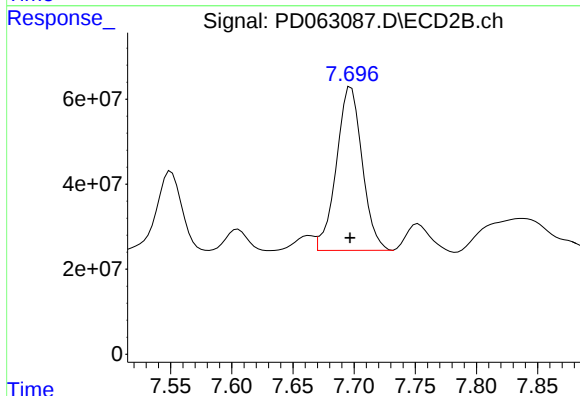
#21 Endrin ketone

R.T.: 7.138 min  
Delta R.T.: 0.000 min  
Response: 53058042  
Conc: 35.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

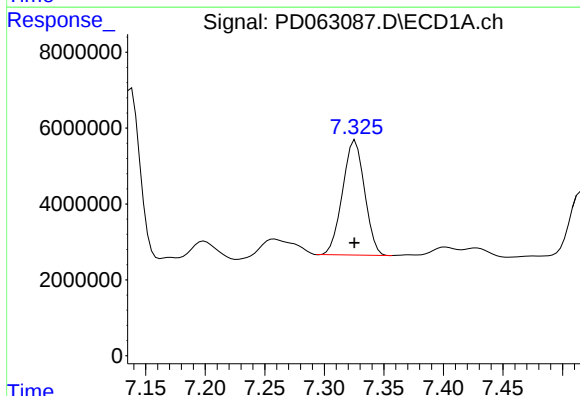
Manual Integrations  
APPROVED

Ankita  
5/19/2021 3:20:45 PM



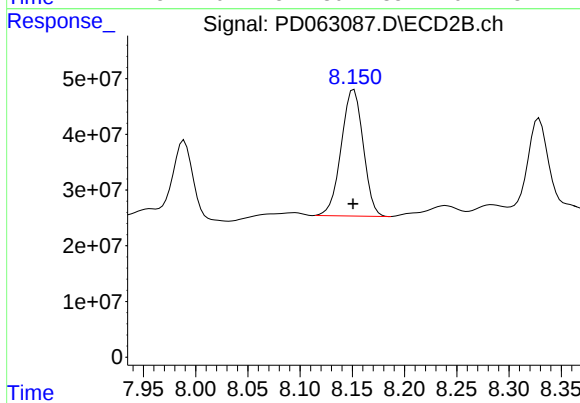
#21 Endrin ketone

R.T.: 7.698 min  
Delta R.T.: 0.000 min  
Response: 565418806  
Conc: 47.14 ng/ml



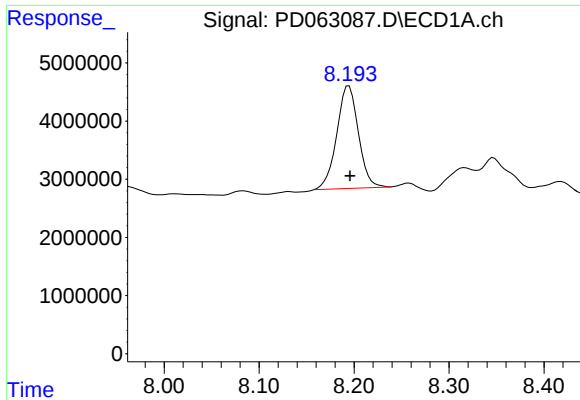
#22 Mirex

R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 38893347  
Conc: 36.25 ng/ml



#22 Mirex

R.T.: 8.152 min  
Delta R.T.: 0.000 min  
Response: 332527227  
Conc: 43.73 ng/ml



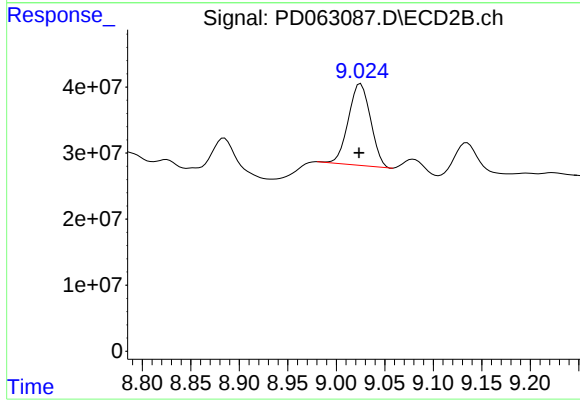
#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: -0.001 min  
Response: 27913763  
Conc: 22.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KSB-03(7-9)MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 196782955  
Conc: 19.29 ng/ml