

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112420\  
 Data File : PL063169.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Nov 2020 13:14  
 Operator : DD\AJ  
 Sample : L4842-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 11620MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 24 22:39:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 24 01:53:58 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.410 | 3.950 | 38568120 | 72119815 | 22.646 | 22.097  |
| 28)                         | SA Decachlor... | 8.124 | 8.987 | 39492877 | 49325257 | 21.148 | 20.732m |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.842 | 4.335 | 133.4E6  | 259.7E6  | 54.022 | 53.368m |
| 3)                          | MA gamma-BHC... | 4.121 | 4.620 | 119.8E6  | 238.3E6  | 52.423 | 52.133  |
| 4)                          | MA Heptachlor   | 4.418 | 5.124 | 112.7E6  | 221.3E6  | 53.677 | 53.110  |
| 5)                          | MB Aldrin       | 4.662 | 5.427 | 101.1E6  | 208.9E6  | 54.011 | 52.905  |
| 6)                          | B beta-BHC      | 4.371 | 4.791 | 50979698 | 101.8E6  | 54.538 | 49.934  |
| 7)                          | B delta-BHC     | 4.572 | 5.005 | 115.5E6  | 212.6E6  | 54.099 | 55.842  |
| 8)                          | B Heptachlo...  | 5.101 | 5.812 | 96187024 | 187.7E6  | 53.148 | 53.882  |
| 9)                          | A Endosulfan I  | 5.436 | 6.168 | 89596679 | 174.3E6  | 52.928 | 51.628  |
| 10)                         | B gamma-Chl...  | 5.326 | 6.046 | 95768167 | 182.8E6  | 52.891 | 51.661  |
| 11)                         | B alpha-Chl...  | 5.384 | 6.118 | 94463563 | 184.8E6  | 52.238 | 51.211  |
| 12)                         | B 4,4'-DDE      | 5.549 | 6.277 | 87489447 | 179.6E6  | 52.794 | 51.205  |
| 13)                         | MA Dieldrin     | 5.677 | 6.424 | 92937734 | 176.5E6  | 52.429 | 51.360  |
| 14)                         | MA Endrin       | 5.931 | 6.640 | 89178445 | 150.0E6  | 53.103 | 50.798  |
| 15)                         | B Endosulfa...  | 6.204 | 6.851 | 80728610 | 142.3E6  | 43.922 | 43.035  |
| 16)                         | A 4,4'-DDD      | 6.061 | 6.766 | 73471006 | 139.6E6  | 50.779 | 52.240  |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.064 | 73734168 | 132.8E6  | 54.823 | 51.989  |
| 18)                         | B Endrin al...  | 6.371 | 6.975 | 65802422 | 110.0E6  | 44.161 | 44.432  |
| 19)                         | B Endosulfa...  | 6.583 | 7.198 | 85330406 | 136.3E6  | 51.841 | 50.076  |
| 20)                         | A Methoxychlor  | 6.843 | 7.524 | 45366956 | 69089011 | 52.949 | 50.385  |
| 21)                         | B Endrin ke...  | 7.069 | 7.666 | 99805882 | 144.0E6  | 53.340 | 51.938  |
| 22)                         | Mirex           | 7.255 | 8.120 | 78581539 | 102.4E6  | 52.844 | 52.433  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112420\  
Data File : PL063169.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Nov 2020 13:14  
Operator : DD\AJ  
Sample : L4842-01MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

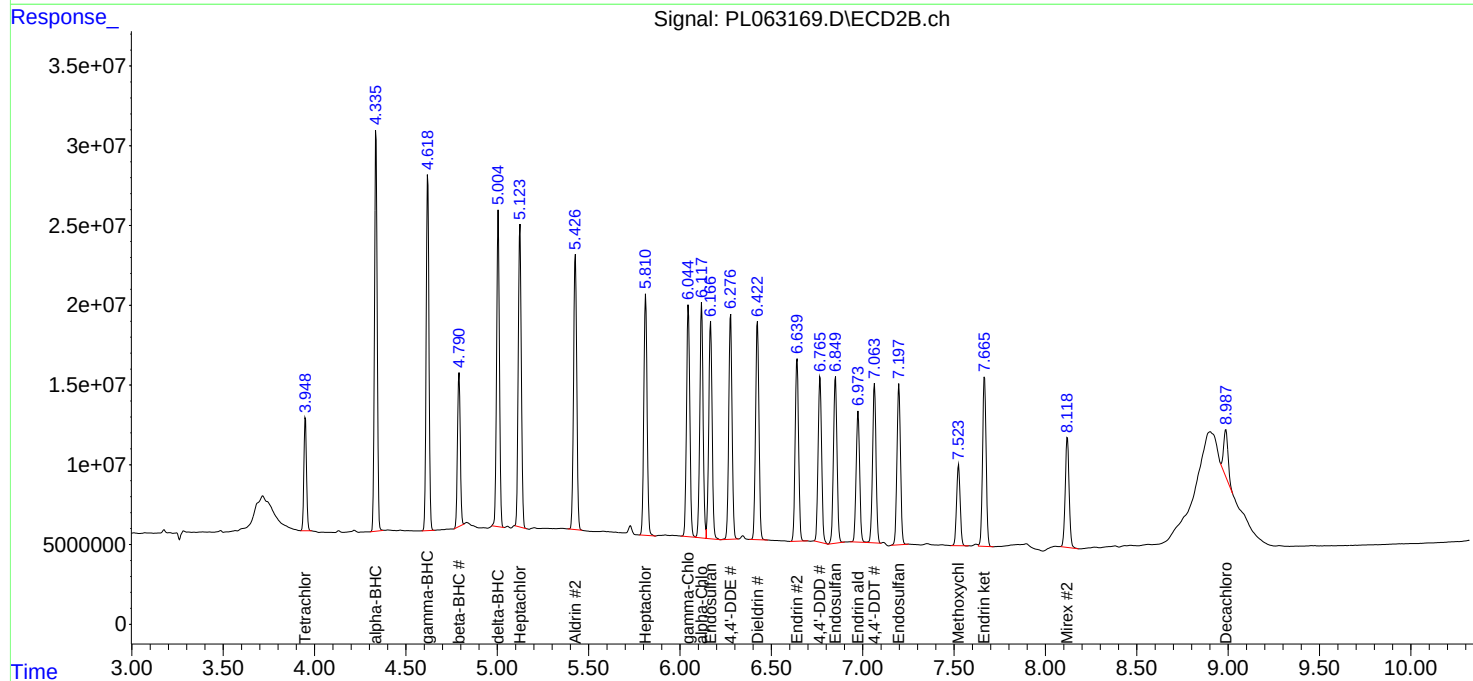
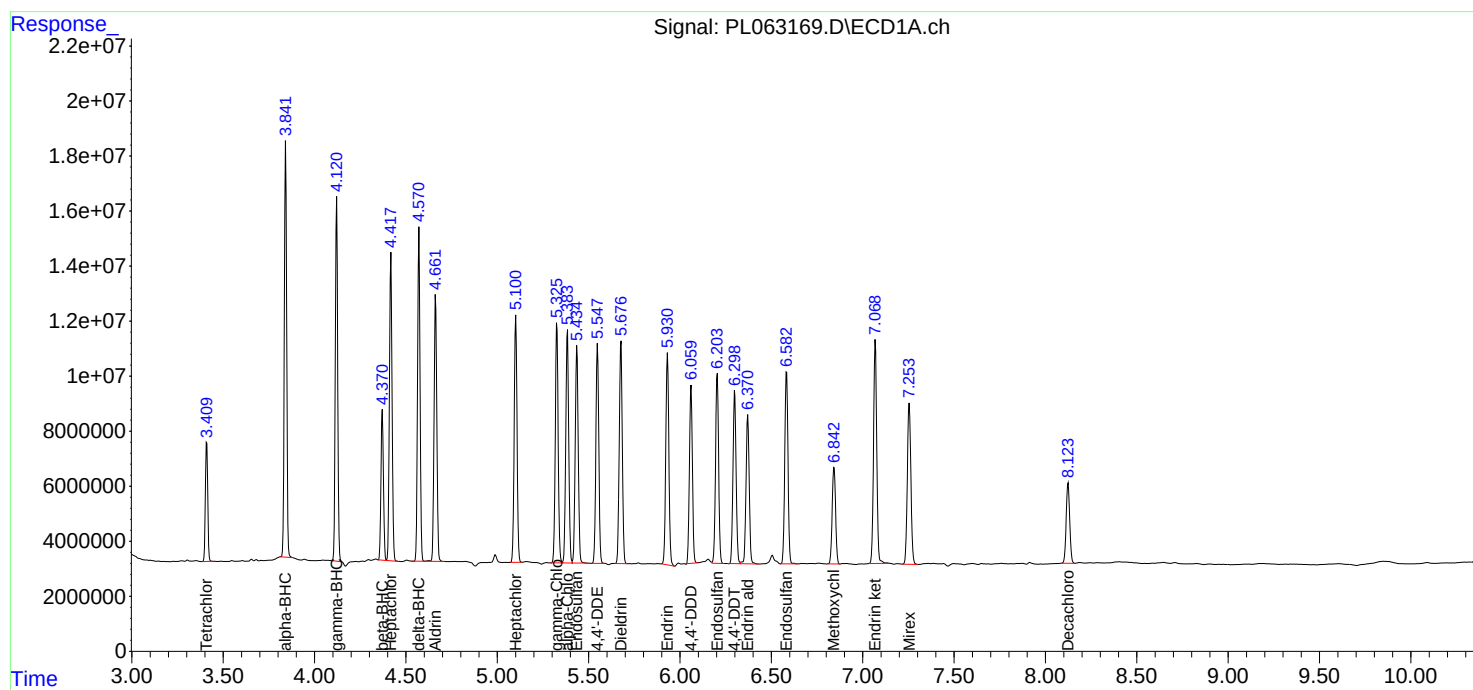
Instrument :  
ECD\_L  
ClientSampled :  
11620MSD

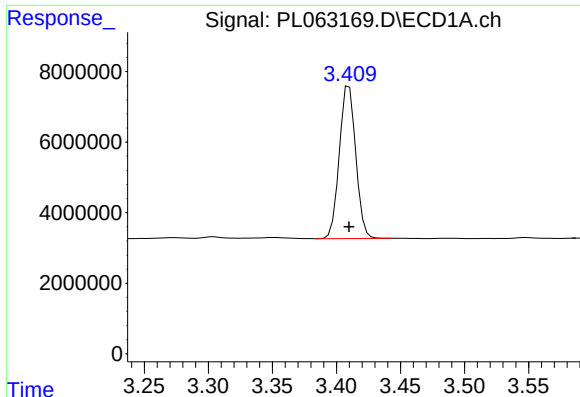
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 24 22:39:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112320.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 24 01:53:58 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





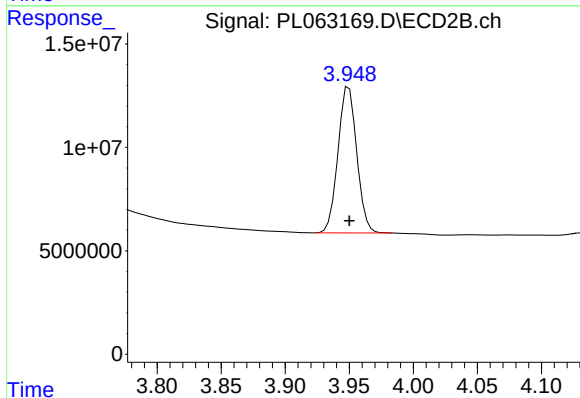
#1 Tetrachloro-m-xylene

R.T.: 3.410 min  
Delta R.T.: 0.000 min  
Response: 38568120  
Conc: 22.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

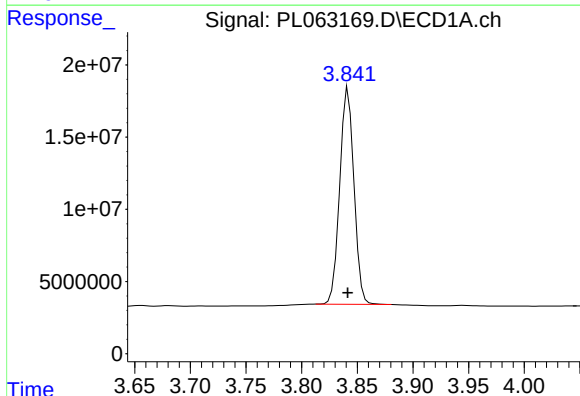
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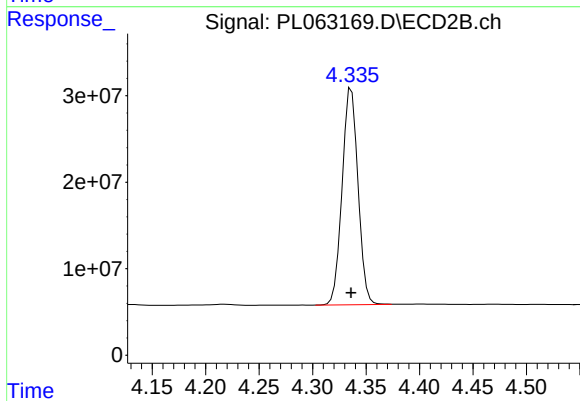
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 72119815  
Conc: 22.10 ng/ml



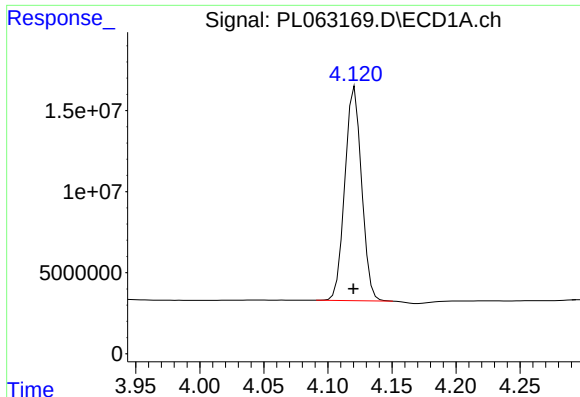
#2 alpha-BHC

R.T.: 3.842 min  
Delta R.T.: 0.000 min  
Response: 133435276  
Conc: 54.02 ng/ml



#2 alpha-BHC

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 259674977  
Conc: 53.37 ng/ml m



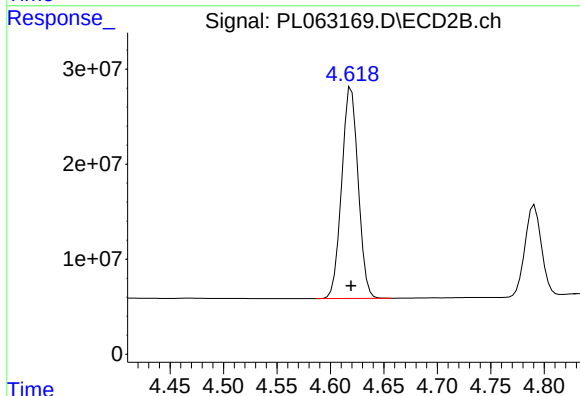
#3 gamma-BHC (Lindane)

R.T.: 4.121 min  
Delta R.T.: 0.001 min  
Response: 119761529  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

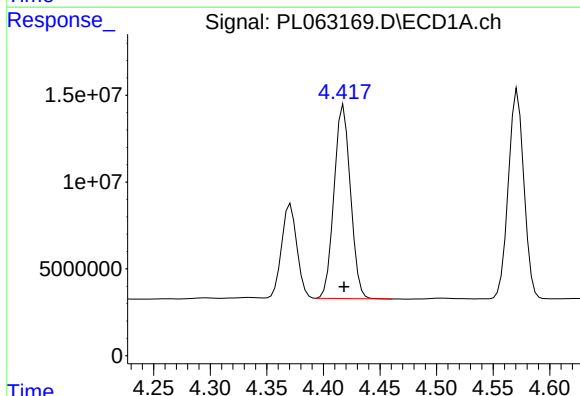
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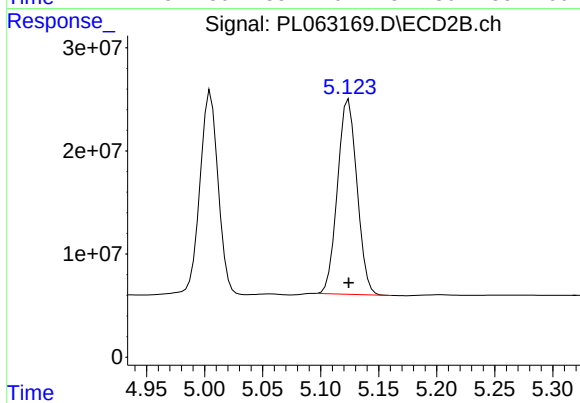
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 238331360  
Conc: 52.13 ng/ml



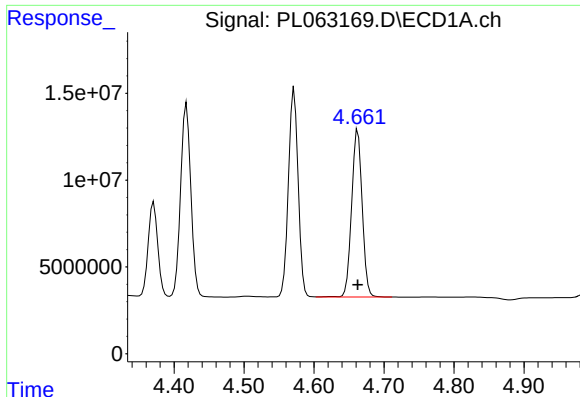
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 112660460  
Conc: 53.68 ng/ml



#4 Heptachlor

R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 221340233  
Conc: 53.11 ng/ml



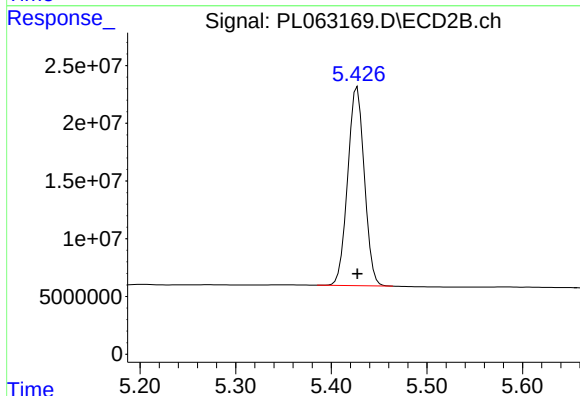
#5 Aldrin

R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 101107285  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

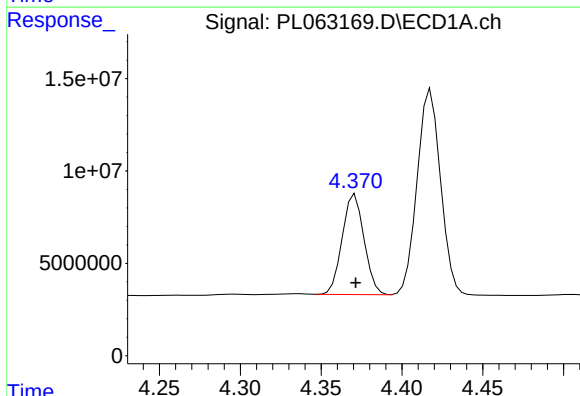
Manual Integrations  
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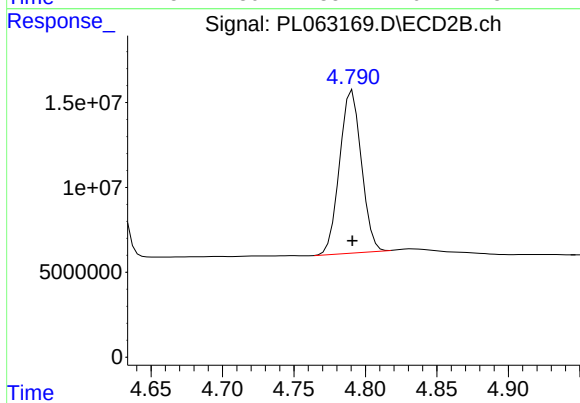
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 208902703  
Conc: 52.91 ng/ml



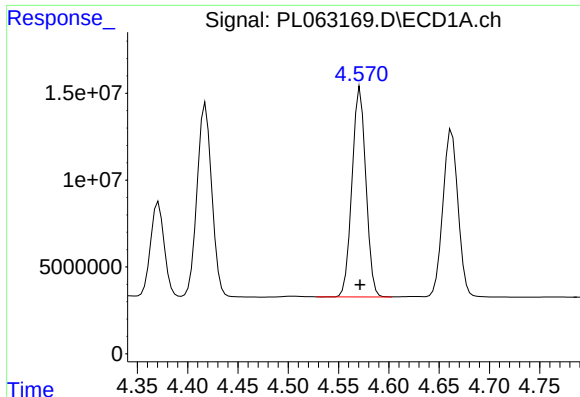
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 50979698  
Conc: 54.54 ng/ml



#6 beta-BHC

R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 101813836  
Conc: 49.93 ng/ml



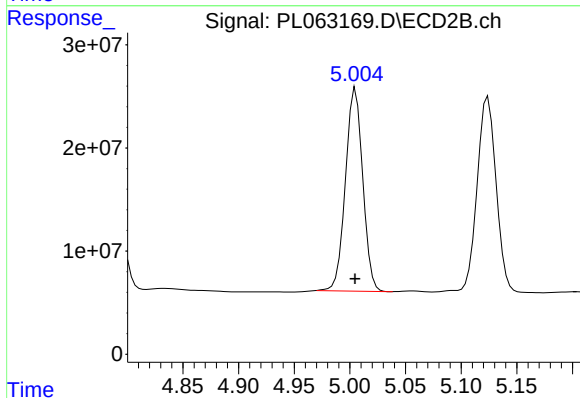
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 115480913  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

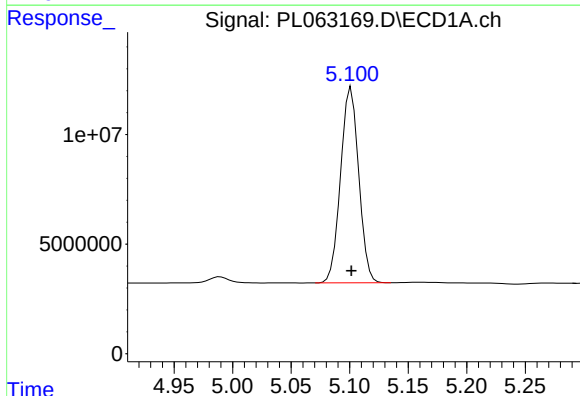
Manual Integrations  
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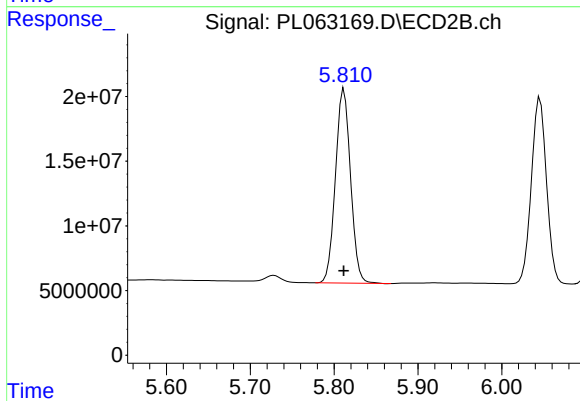
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 212619625  
Conc: 55.84 ng/ml



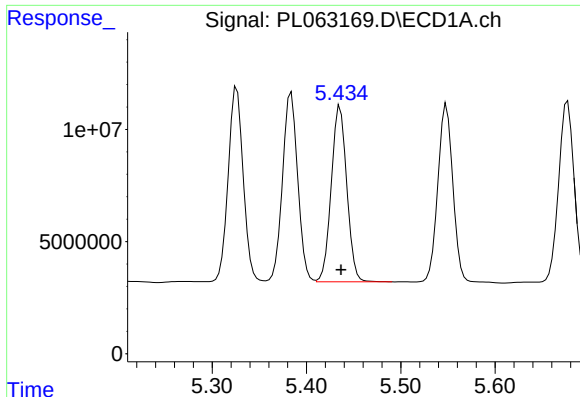
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 96187024  
Conc: 53.15 ng/ml



#8 Heptachlor epoxide

R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 187698270  
Conc: 53.88 ng/ml



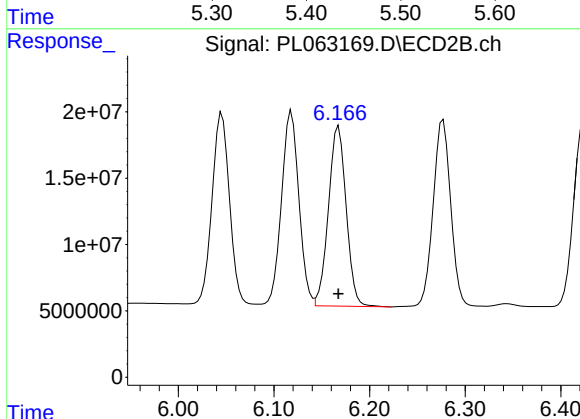
#9 Endosulfan I

R.T.: 5.436 min  
Delta R.T.: -0.001 min  
Response: 89596679  
Conc: 52.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

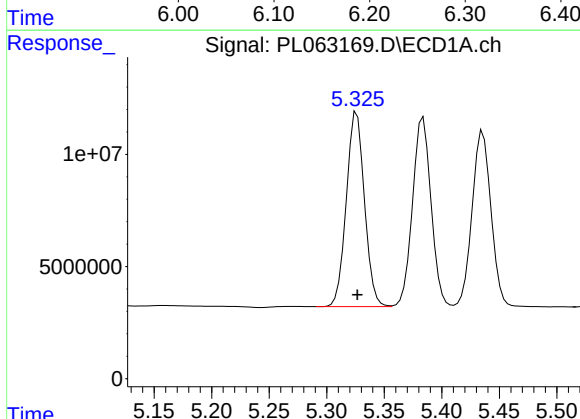
Manual Integrations  
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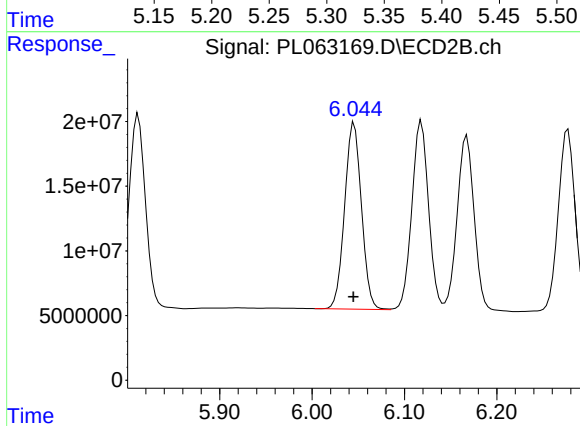
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 174301985  
Conc: 51.63 ng/ml



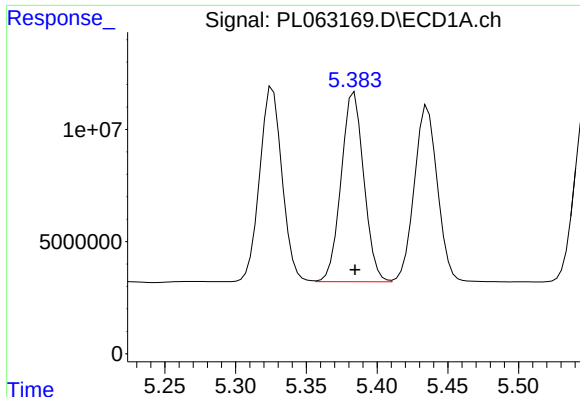
#10 gamma-Chlordane

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 95768167  
Conc: 52.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 182782280  
Conc: 51.66 ng/ml



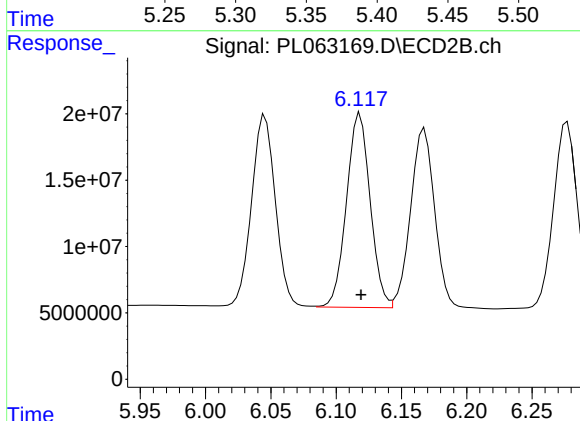
#11 alpha-Chlordane

R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 94463563  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

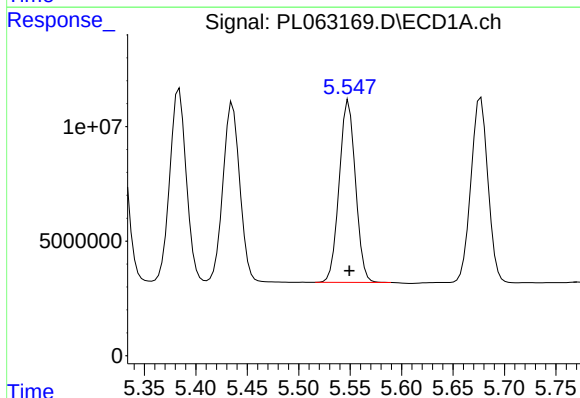
Manual Integrations  
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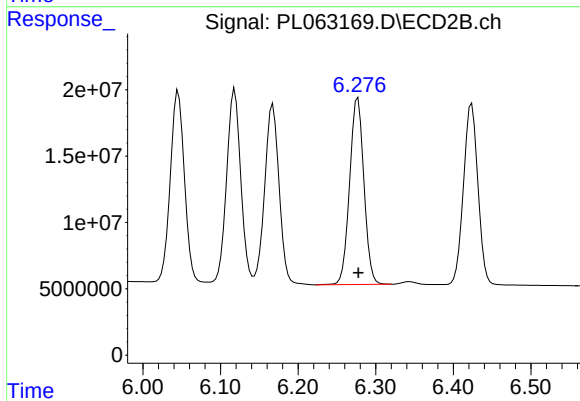
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 184790726  
Conc: 51.21 ng/ml



#12 4,4'-DDE

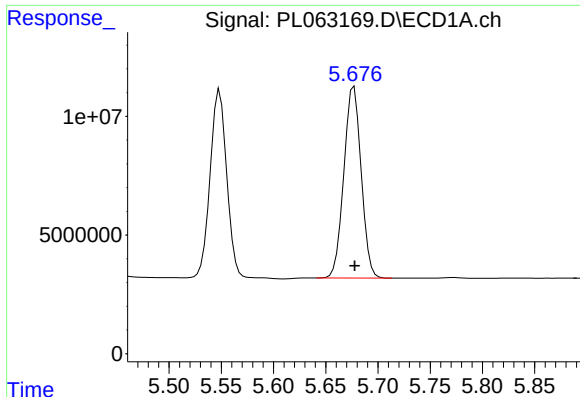
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 87489447  
Conc: 52.79 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 179643823  
Conc: 51.21 ng/ml





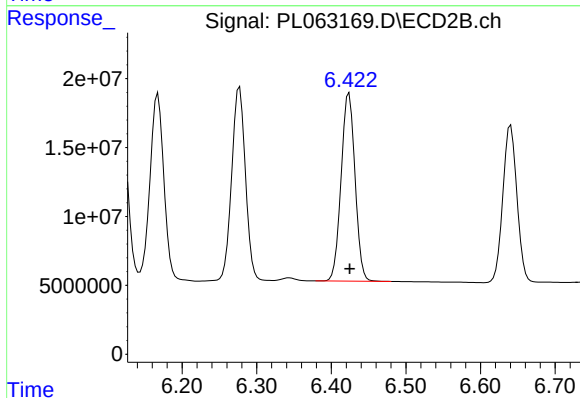
#13 Dieldrin

R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 92937734  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

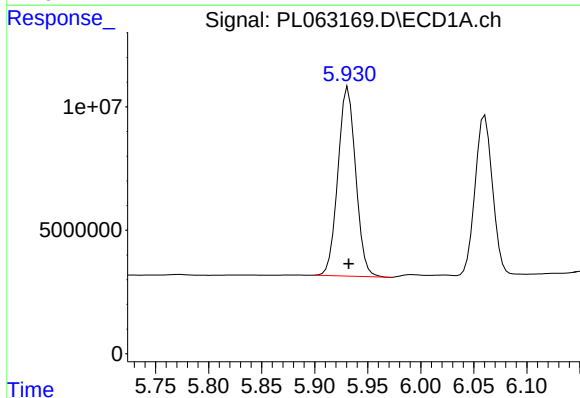
Manual Integrations  
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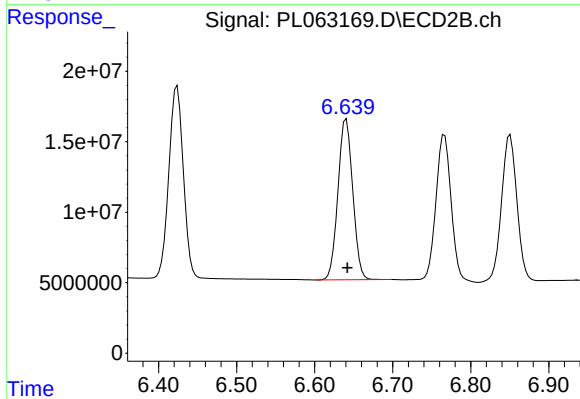
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 176502179  
Conc: 51.36 ng/ml



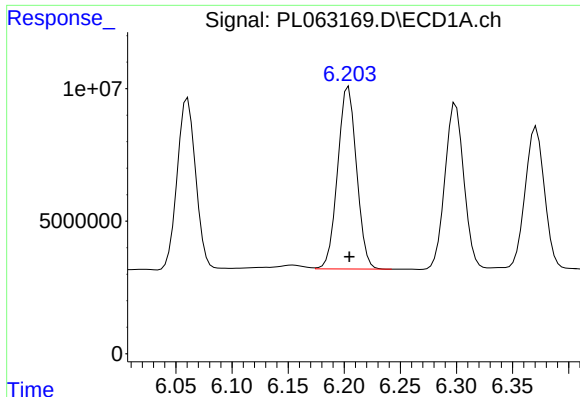
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 89178445  
Conc: 53.10 ng/ml



#14 Endrin

R.T.: 6.640 min  
Delta R.T.: -0.001 min  
Response: 149995247  
Conc: 50.80 ng/ml



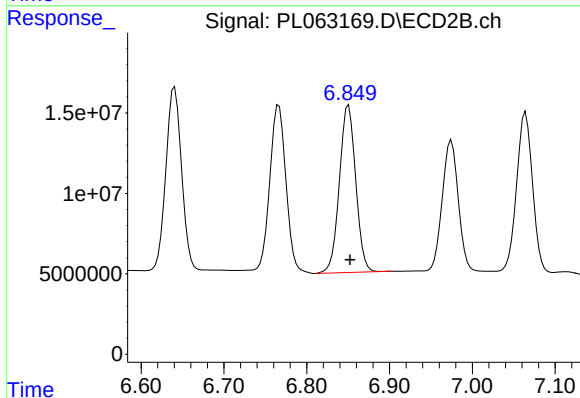
#15 Endosulfan II

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 80728610  
Conc: 43.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

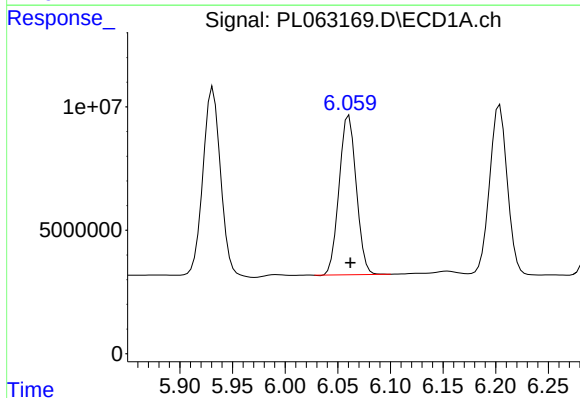
Manual Integrations  
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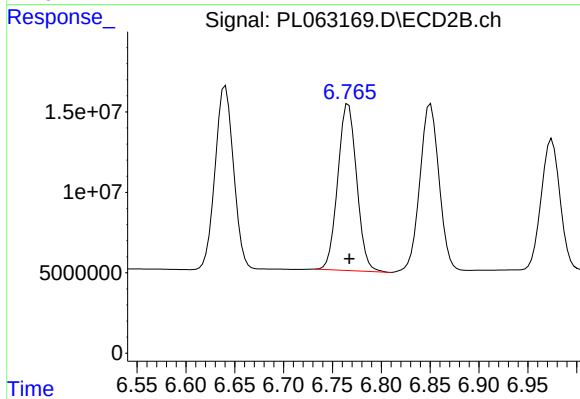
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 142274414  
Conc: 43.03 ng/ml



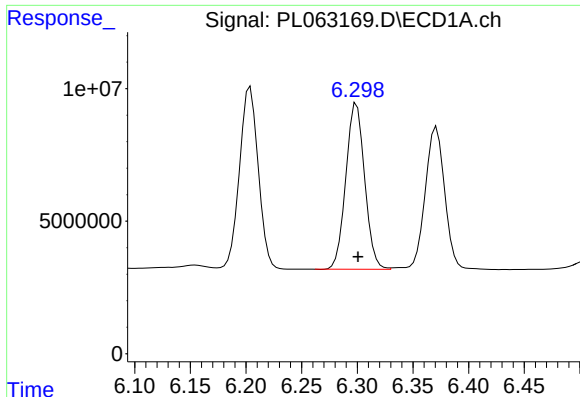
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 73471006  
Conc: 50.78 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 139598498  
Conc: 52.24 ng/ml



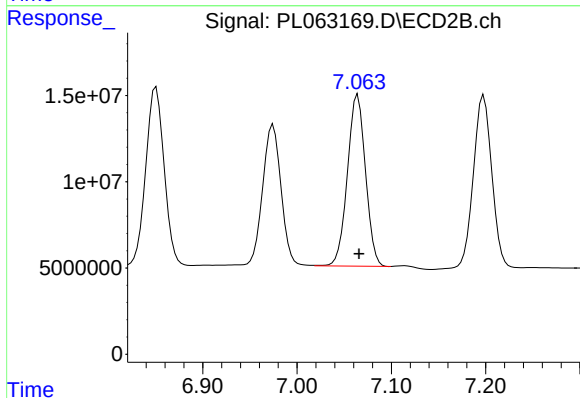
#17 4,4'-DDT

R.T.: 6.299 min  
Delta R.T.: -0.001 min  
Response: 73734168  
Conc: 54.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

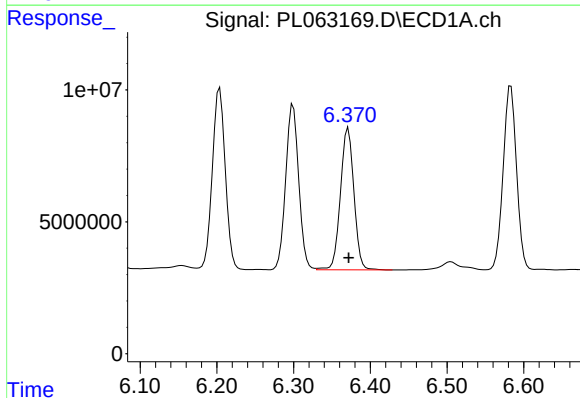
Manual Integrations  
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11/25/2020 5:35:32 PM



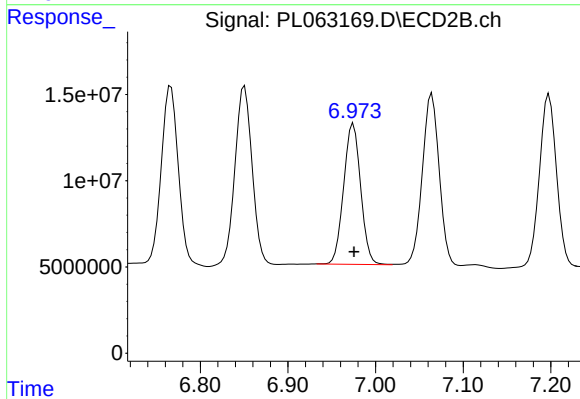
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: -0.001 min  
Response: 132765584  
Conc: 51.99 ng/ml



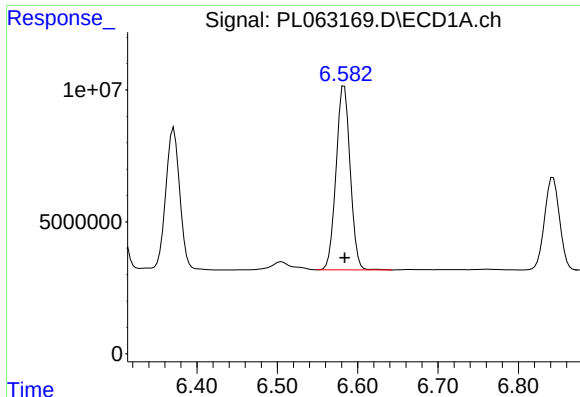
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 65802422  
Conc: 44.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: -0.001 min  
Response: 109988773  
Conc: 44.43 ng/ml



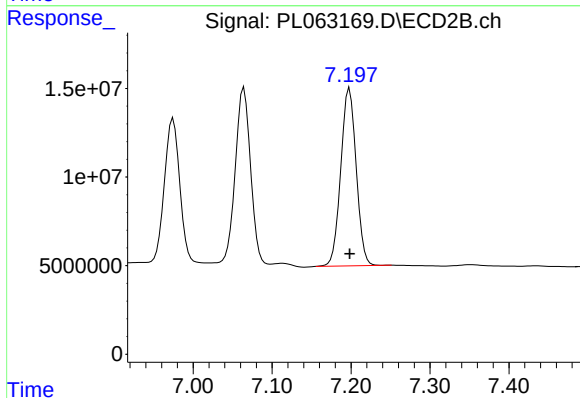
#19 Endosulfan Sulfate

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 85330406  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

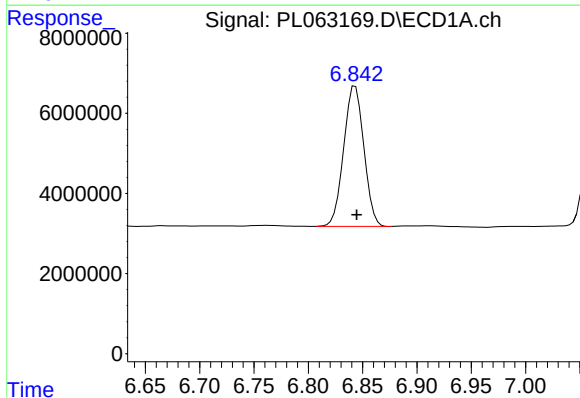
Manual Integrations  
APPROVED

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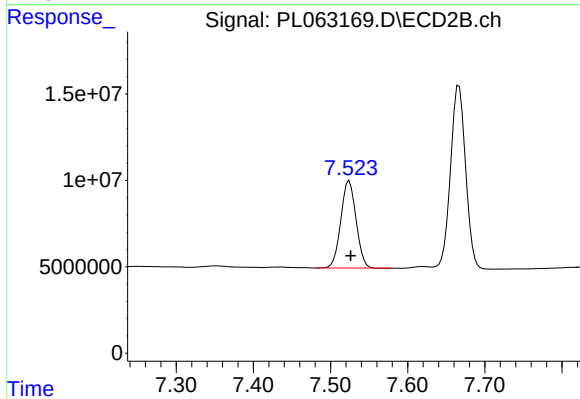
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 136341696  
Conc: 50.08 ng/ml



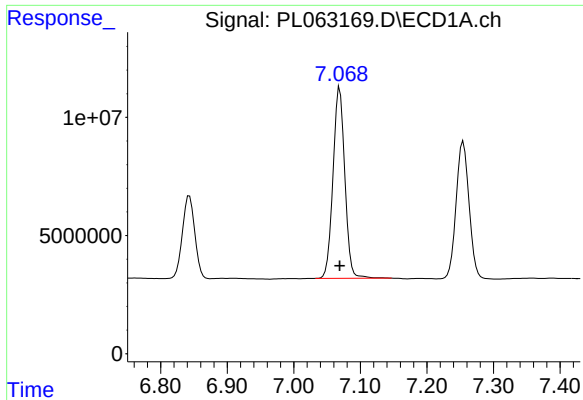
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.001 min  
Response: 45366956  
Conc: 52.95 ng/ml



#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: -0.002 min  
Response: 69089011  
Conc: 50.38 ng/ml



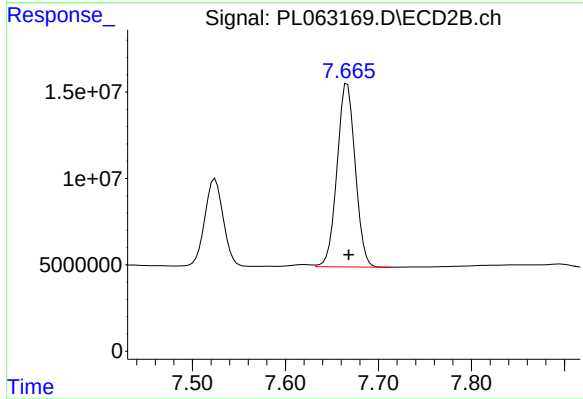
#21 Endrin ketone

R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 99805882  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

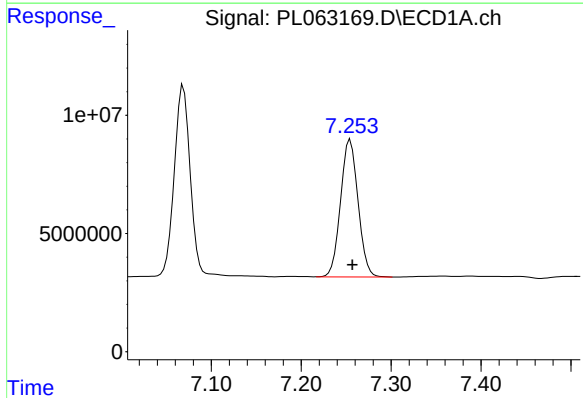
Manual Integrations  
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11/25/2020 5:35:32 PM



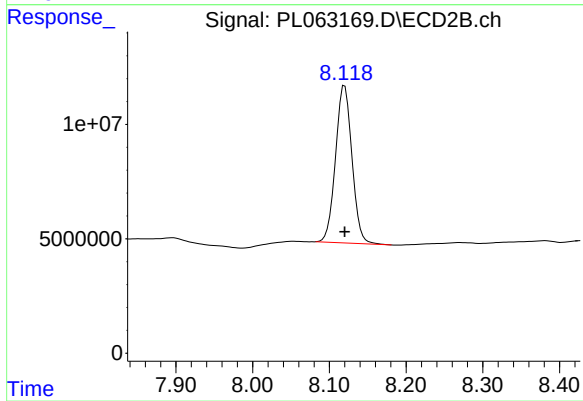
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: -0.001 min  
Response: 144042373  
Conc: 51.94 ng/ml



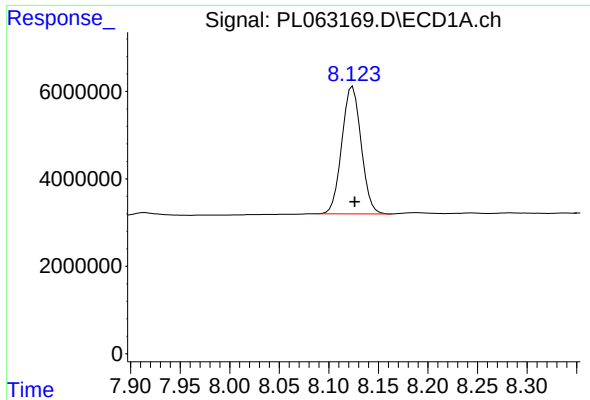
#22 Mirex

R.T.: 7.255 min  
Delta R.T.: -0.002 min  
Response: 78581539  
Conc: 52.84 ng/ml



#22 Mirex

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 102418964  
Conc: 52.43 ng/ml



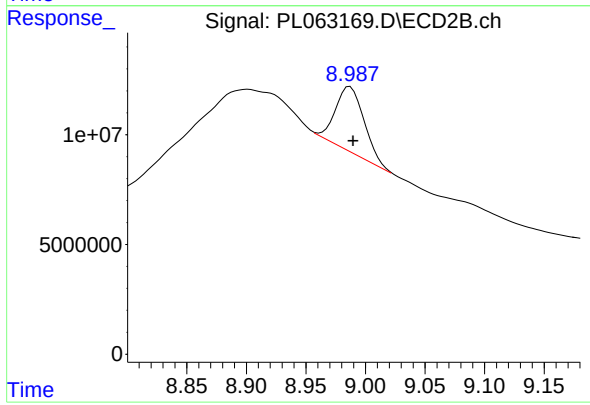
#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.002 min  
Response: 39492877  
Conc: 21.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
11620MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.003 min  
Response: 49325257  
Conc: 20.73 ng/ml m