

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071618\  
 Data File : PD048414.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Jul 2018 23:16  
 Operator : AJ\SJ  
 Sample : J3762-01  
 Misc : ECD\_D LOD SOIL 1 PPB  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2018

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 04:21:07 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 17 02:42:01 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...          | 3.393 | 4.007 | 19657777 | 300.9E6  | 16.136 | 16.174  |
| 28) SA Decachlor...         | 8.084 | 9.052 | 23746114 | 325.0E6  | 16.559 | 17.294  |
| Target Compounds            |       |       |          |          |        |         |
| 2) A alpha-BHC              | 3.826 | 4.389 | 2110637  | 29716603 | 1.065  | 0.977m  |
| 3) MA gamma-BHC...          | 4.102 | 4.672 | 2723856  | 27388235 | 1.391m | 1.025 # |
| 4) MA Heptachlor            | 4.392 | 5.186 | 1810677  | 29704644 | 1.030  | 1.124m  |
| 5) MB Aldrin                | 4.634 | 5.492 | 1653921  | 30923726 | 0.970  | 1.197   |
| 6) B beta-BHC               | 4.349 | 4.831 | 727421   | 13616331 | 0.981m | 1.184m  |
| 7) B delta-BHC              | 4.548 | 5.043 | 1861173  | 20134466 | 1.012m | 0.999m  |
| 8) B Heptachlo...           | 5.072 | 5.866 | 1696537  | 28170810 | 1.068m | 1.398m# |
| 9) A Endosulfan I           | 5.406 | 6.228 | 1445879  | 26618995 | 0.986  | 1.230   |
| 10) B gamma-Chl...          | 5.292 | 6.107 | 1665000  | 26094373 | 1.030m | 1.101m  |
| 11) B alpha-Chl...          | 5.352 | 6.180 | 1679023  | 34750385 | 1.073  | 1.479 # |
| 12) B 4,4'-DDE              | 5.518 | 6.331 | 1579751  | 21271877 | 0.976  | 0.915m  |
| 13) MA Dieldrin             | 5.645 | 6.480 | 1753479  | 25666596 | 1.031  | 1.083m  |
| 14) MA Endrin               | 5.900 | 6.699 | 1782617  | 17639810 | 1.088  | 0.833m  |
| 15) B Endosulfa...          | 6.173 | 6.899 | 1350494  | 32807643 | 0.915  | 1.496m# |
| 16) A 4,4'-DDD              | 6.029 | 6.815 | 1597174  | 21664654 | 1.142  | 1.102   |
| 17) MA 4,4'-DDT             | 6.266 | 7.113 | 1372829  | 13831926 | 0.977  | 0.726m# |
| 18) B Endrin al...          | 6.341 | 7.021 | 1221297  | 16316297 | 1.006  | 0.966m  |
| 19) B Endosulfa...          | 6.551 | 7.244 | 1369416  | 18849815 | 1.013  | 0.956   |
| 20) A Methoxychlor          | 6.812 | 7.567 | 580671   | 12820469 | 0.746m | 1.334m# |
| 21) B Endrin ke...          | 7.041 | 7.713 | 1634993  | 26554578 | 0.959  | 1.366 # |
| -----                       |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071618\  
Data File : PD048414.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Jul 2018 23:16  
Operator : AJ\SJ  
Sample : J3762-01  
Misc : ECD\_D LOD SOIL 1 PPB  
ALS Vial : 25 Sample Multiplier: 1

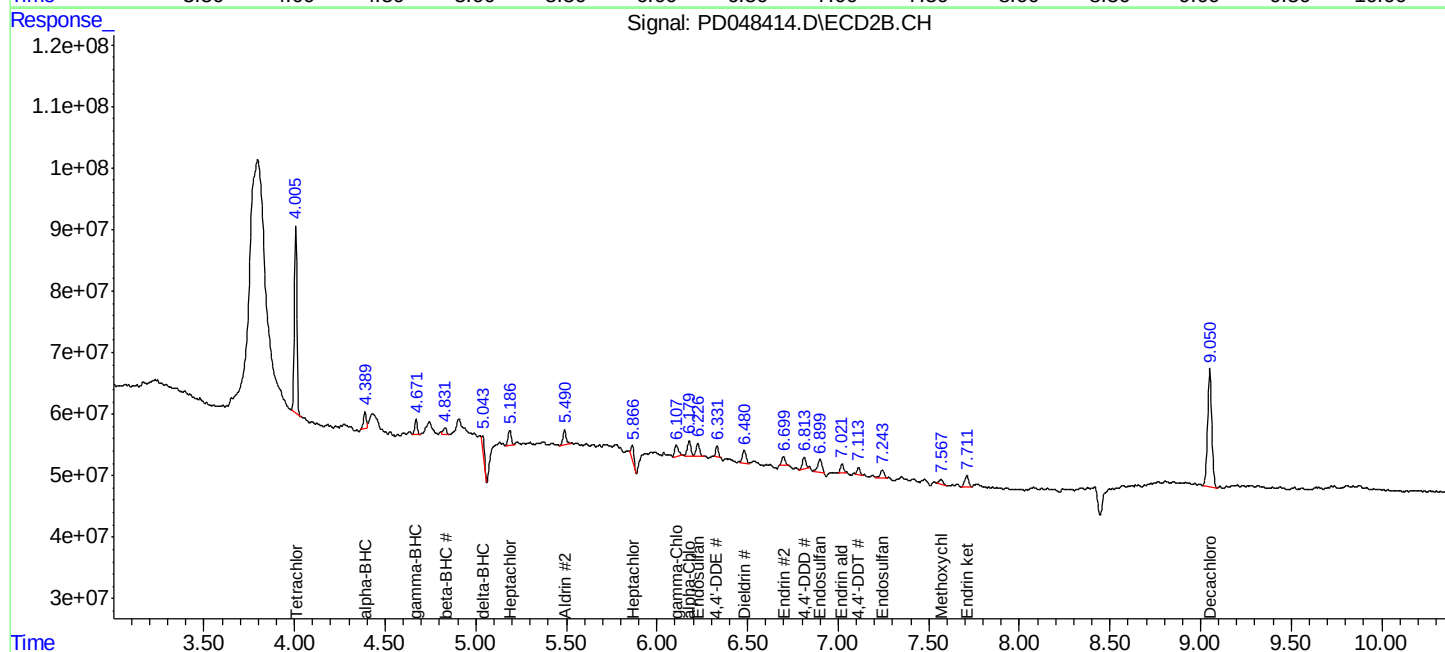
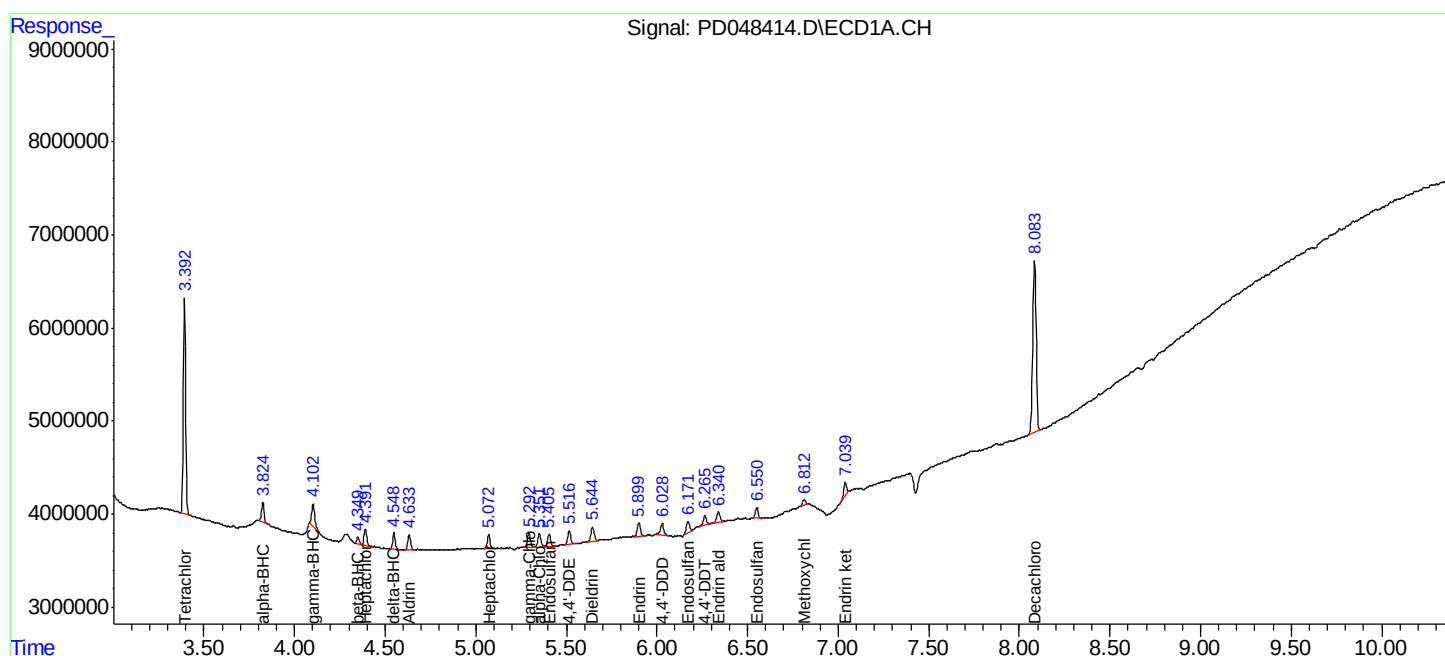
Instrument :  
ECD\_D  
Client Sample ID :  
LOD-MDL-SOIL-01-QT3-2018

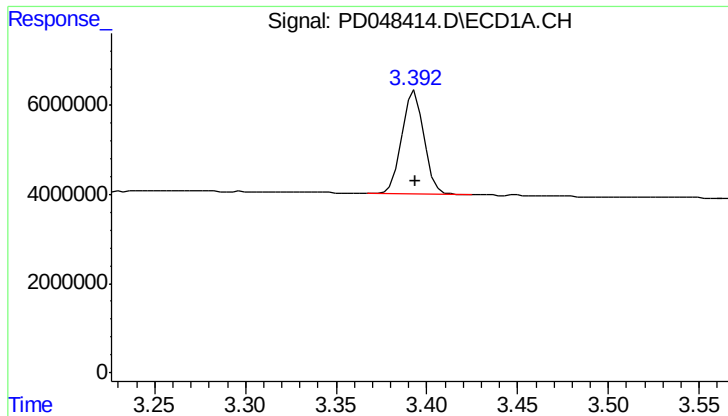
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 04:21:07 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071618.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 17 02:42:01 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





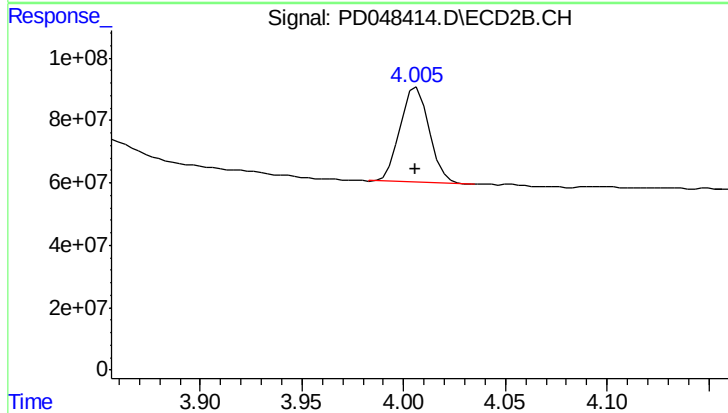
#1 Tetrachloro-m-xylene

R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 19657777  
Conc: 16.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

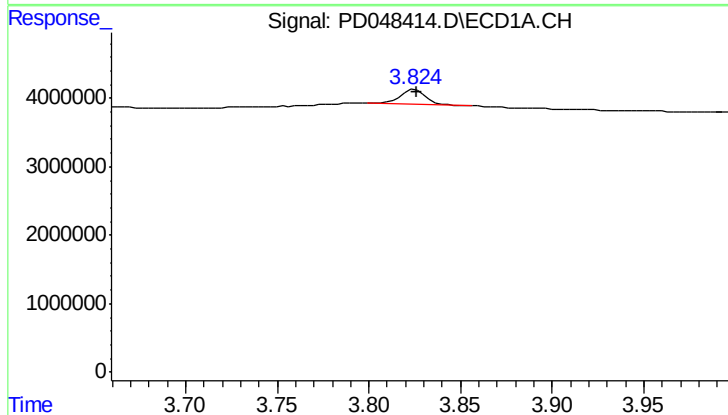
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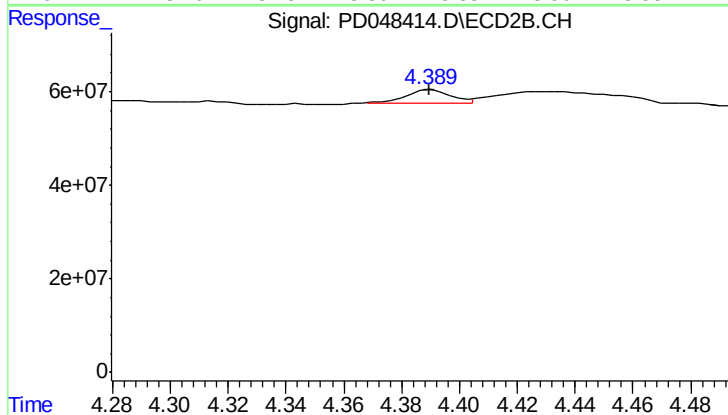
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 300881233  
Conc: 16.17 ng/ml



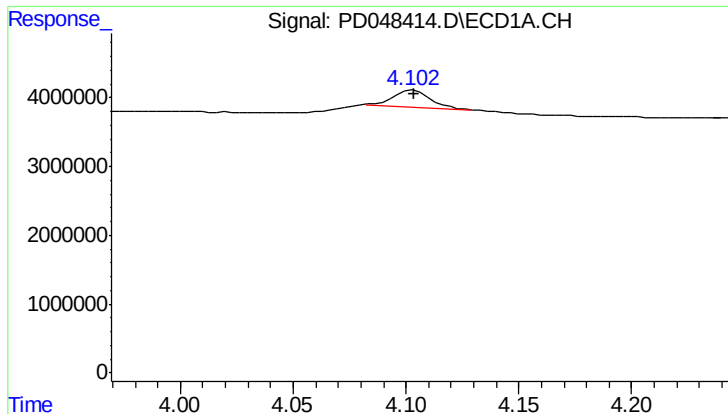
#2 alpha-BHC

R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 2110637  
Conc: 1.06 ng/ml



#2 alpha-BHC

R.T.: 4.389 min  
Delta R.T.: 0.000 min  
Response: 29716603  
Conc: 0.98 ng/ml m



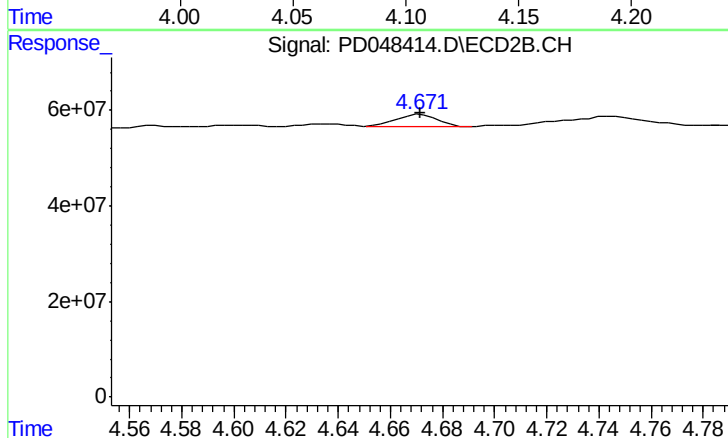
#3 gamma-BHC (Lindane)

R.T.: 4.102 min  
Delta R.T.: -0.002 min  
Response: 2723856  
Conc: 1.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

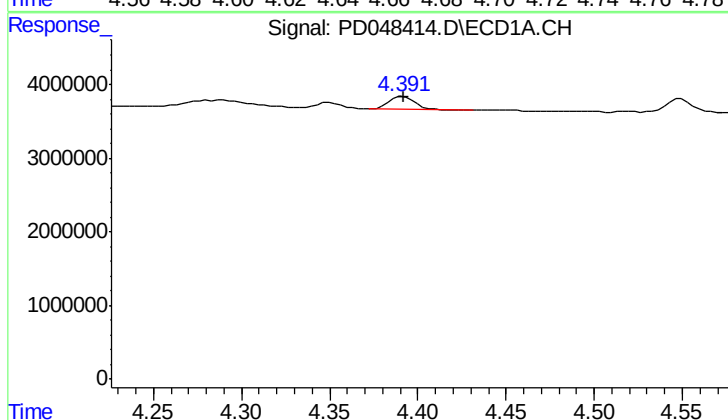
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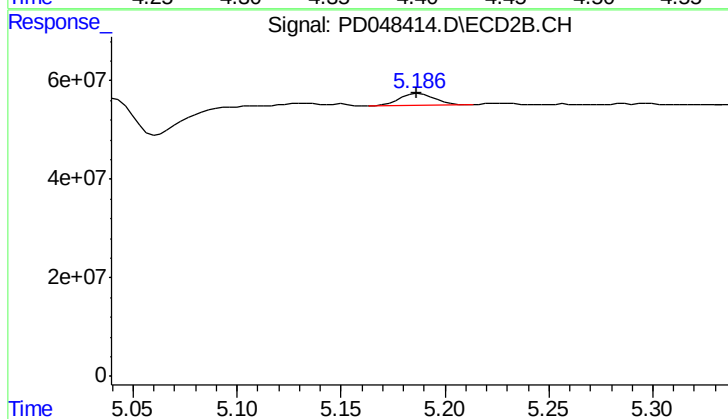
#3 gamma-BHC (Lindane)

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 27388235  
Conc: 1.03 ng/ml



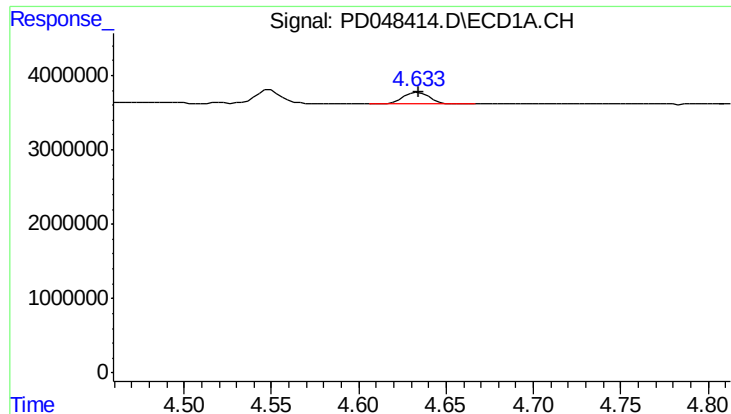
#4 Heptachlor

R.T.: 4.392 min  
Delta R.T.: 0.000 min  
Response: 1810677  
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 29704644  
Conc: 1.12 ng/ml m



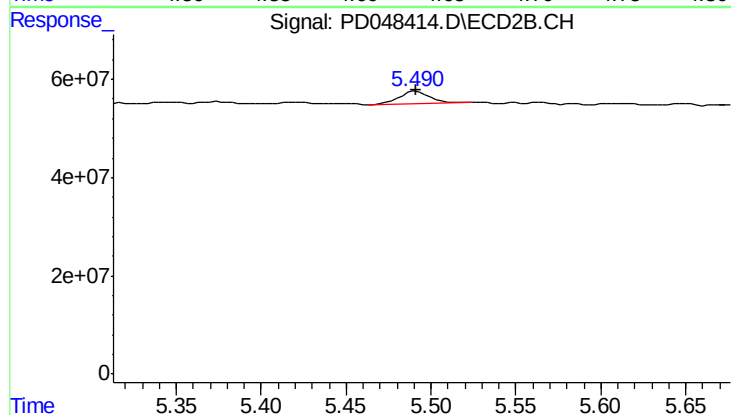
#5 Aldrin

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 1653921  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

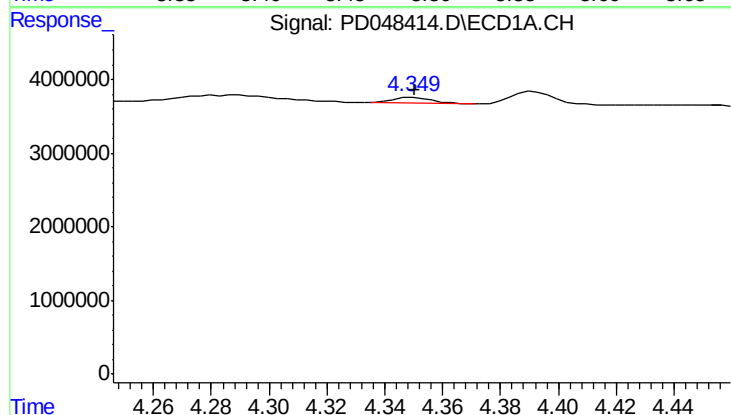
Manual Integrations  
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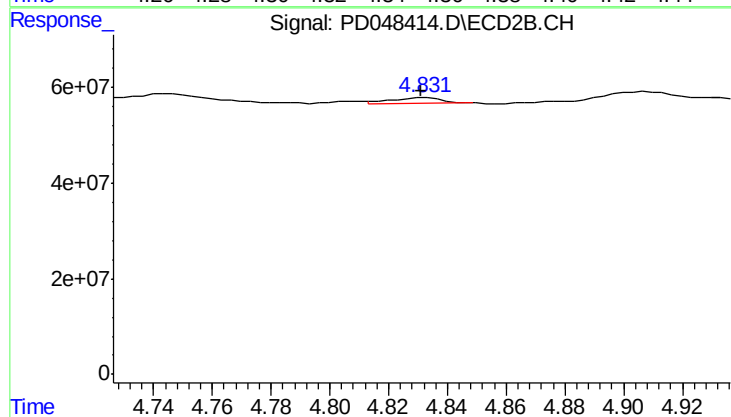
#5 Aldrin

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 30923726  
Conc: 1.20 ng/ml



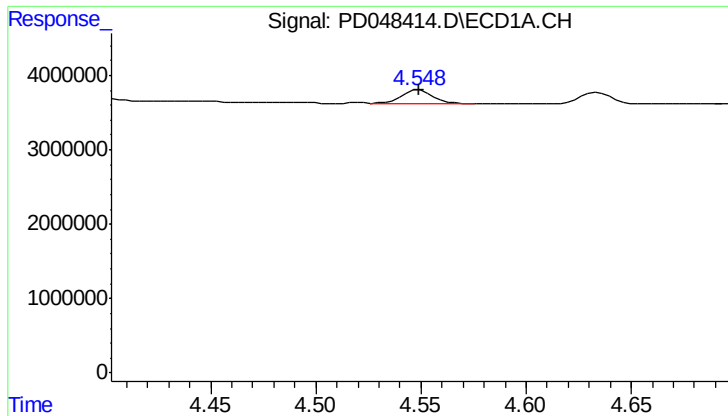
#6 beta-BHC

R.T.: 4.349 min  
Delta R.T.: -0.001 min  
Response: 727421  
Conc: 0.98 ng/ml m



#6 beta-BHC

R.T.: 4.831 min  
Delta R.T.: 0.000 min  
Response: 13616331  
Conc: 1.18 ng/ml m



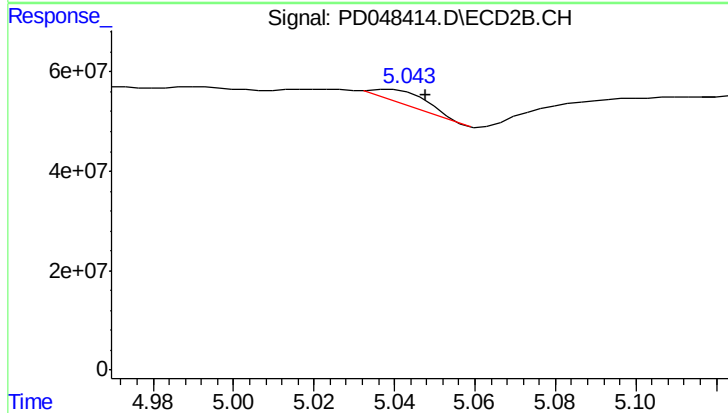
#7 delta-BHC

R.T.: 4.548 min  
Delta R.T.: -0.001 min  
Response: 1861173  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

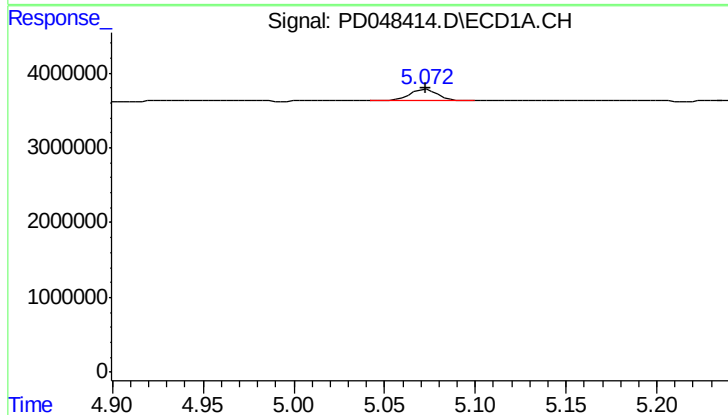
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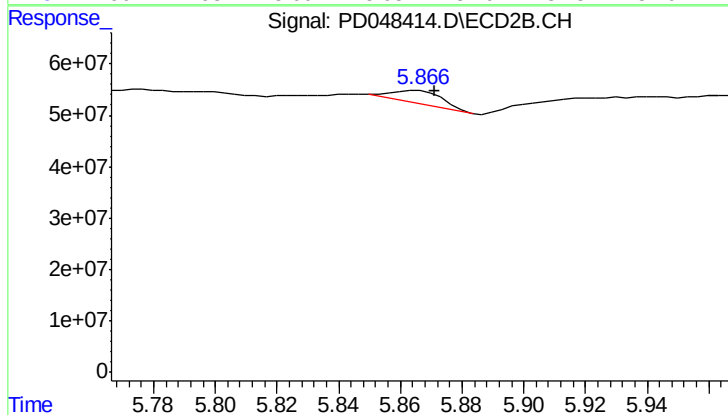
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: -0.005 min  
Response: 20134466  
Conc: 1.00 ng/ml m



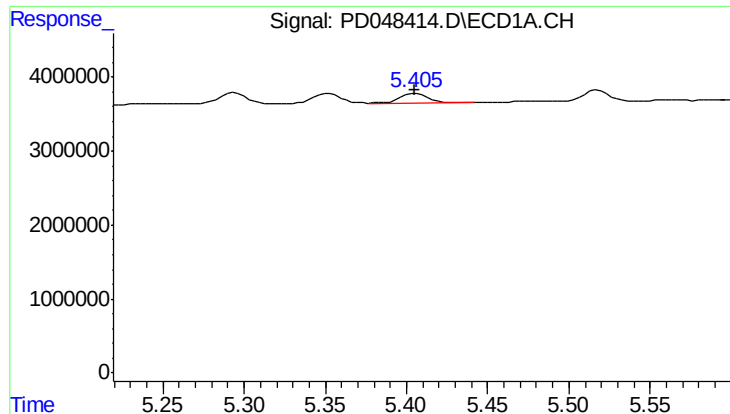
#8 Heptachlor epoxide

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 1696537  
Conc: 1.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.866 min  
Delta R.T.: -0.005 min  
Response: 28170810  
Conc: 1.40 ng/ml m



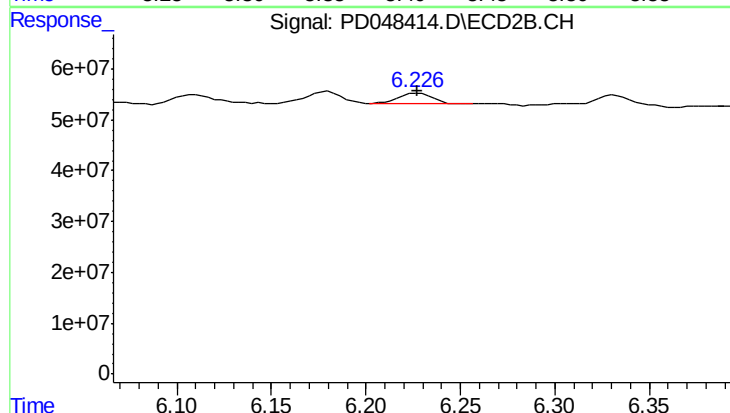
#9 Endosulfan I

R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 1445879  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

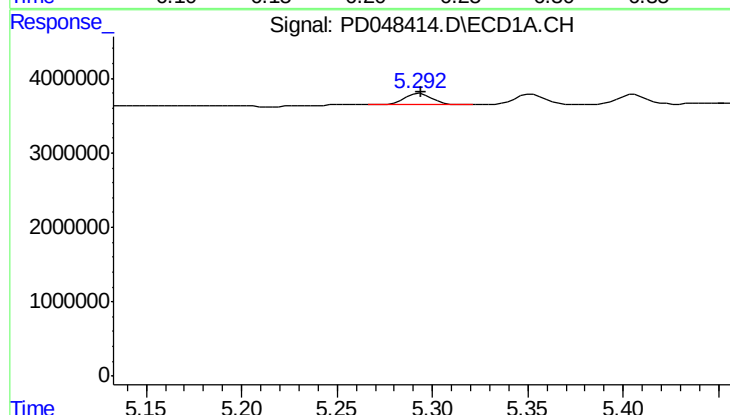
Manual Integrations  
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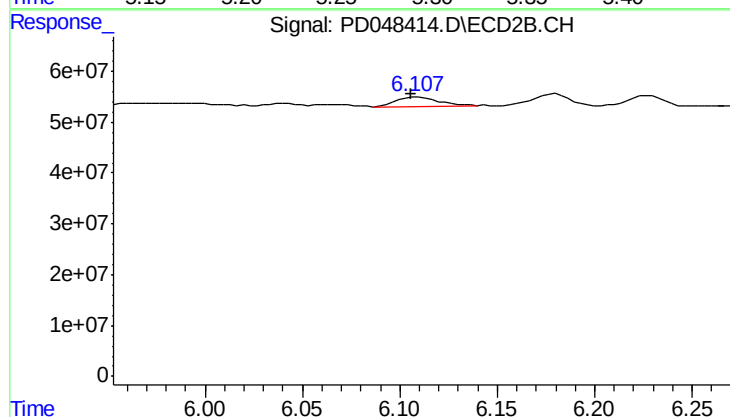
#9 Endosulfan I

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 26618995  
Conc: 1.23 ng/ml



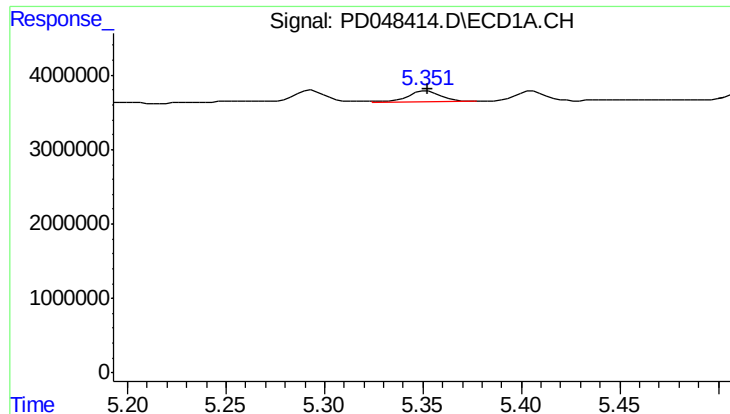
#10 gamma-Chlordane

R.T.: 5.292 min  
Delta R.T.: -0.002 min  
Response: 1665000  
Conc: 1.03 ng/ml m



#10 gamma-Chlordane

R.T.: 6.107 min  
Delta R.T.: 0.002 min  
Response: 26094373  
Conc: 1.10 ng/ml m



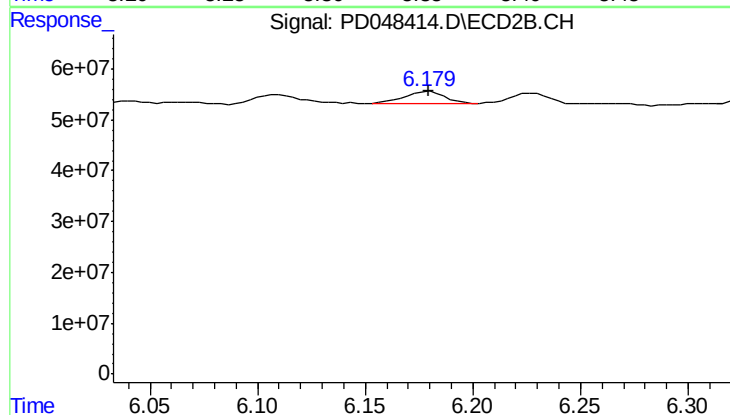
#11 alpha-Chlordane

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 1679023  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

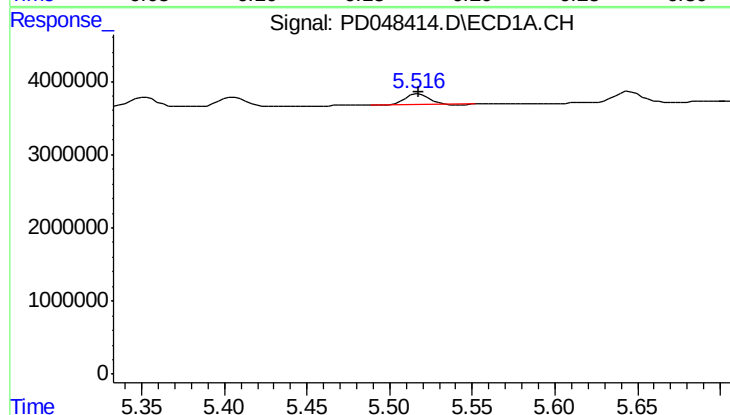
Manual Integrations  
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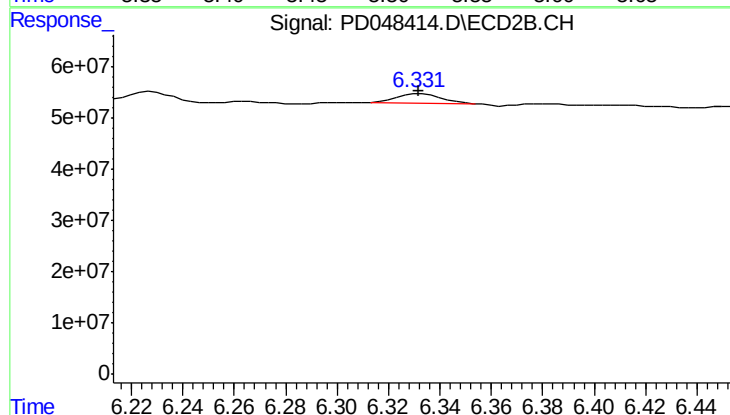
#11 alpha-Chlordane

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 34750385  
Conc: 1.48 ng/ml



#12 4,4'-DDE

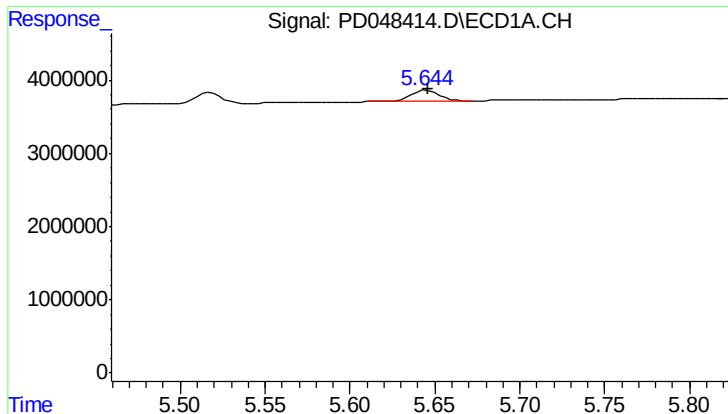
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 1579751  
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 21271877  
Conc: 0.92 ng/ml m





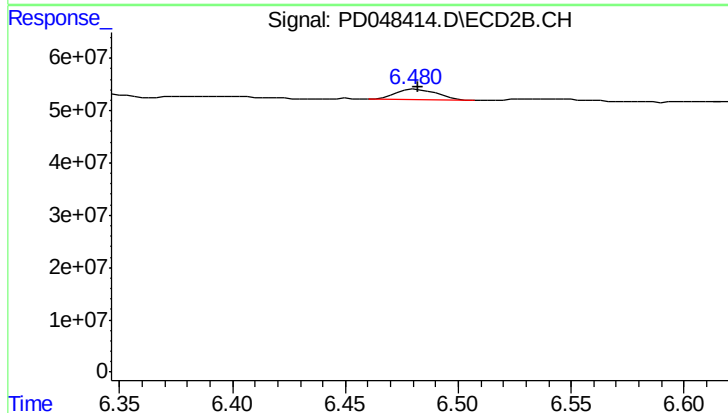
#13 Dielddrin

R.T.: 5.645 min  
Delta R.T.: 0.000 min  
Response: 1753479  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

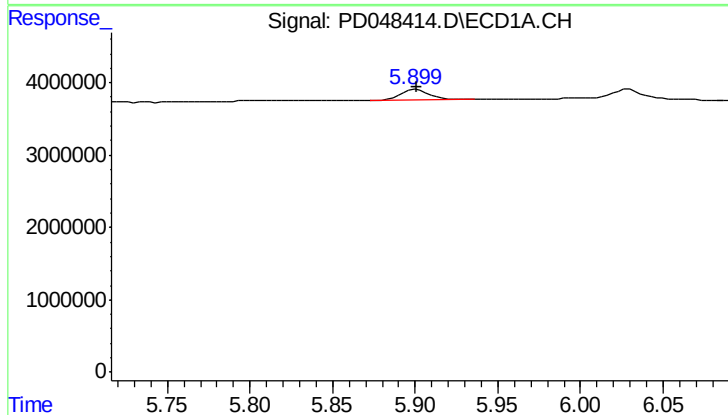
Manual Integrations  
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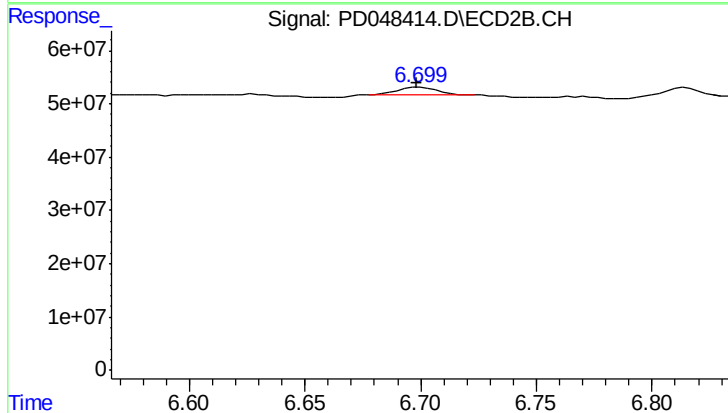
#13 Dielddrin

R.T.: 6.480 min  
Delta R.T.: -0.002 min  
Response: 25666596  
Conc: 1.08 ng/ml m



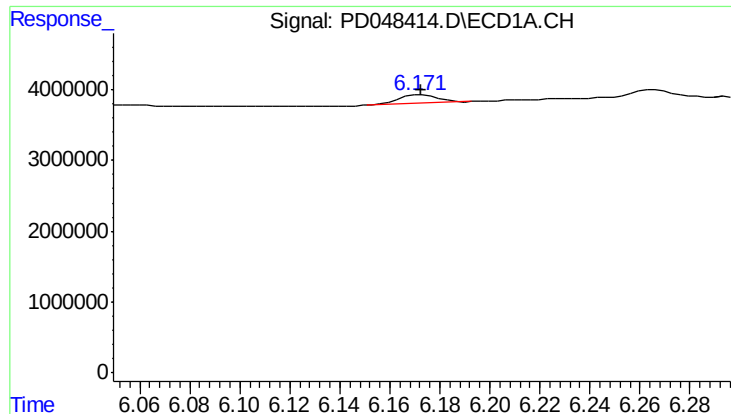
#14 Endrin

R.T.: 5.900 min  
Delta R.T.: 0.000 min  
Response: 1782617  
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.699 min  
Delta R.T.: 0.000 min  
Response: 17639810  
Conc: 0.83 ng/ml m



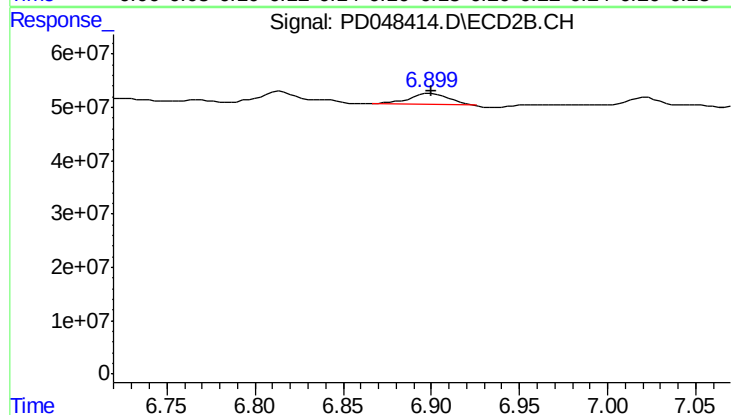
#15 Endosulfan II

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 1350494  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

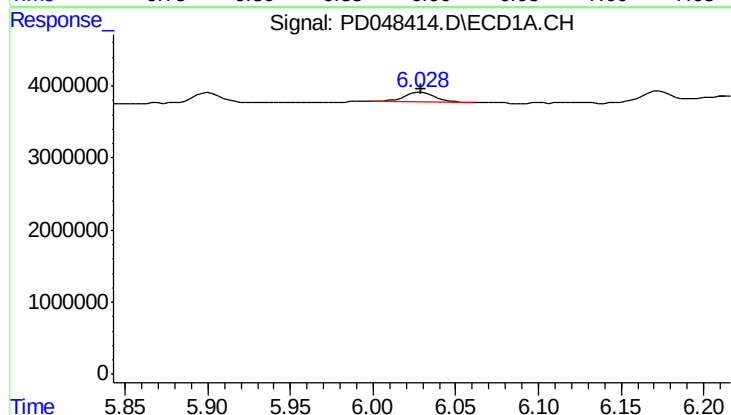
Manual Integrations  
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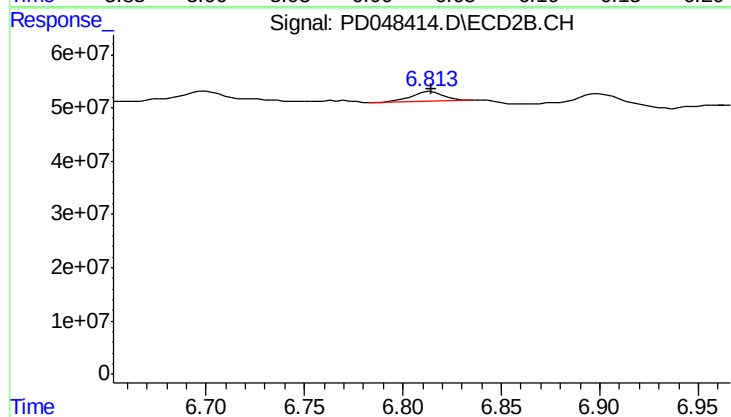
#15 Endosulfan II

R.T.: 6.899 min  
Delta R.T.: 0.000 min  
Response: 32807643  
Conc: 1.50 ng/ml m



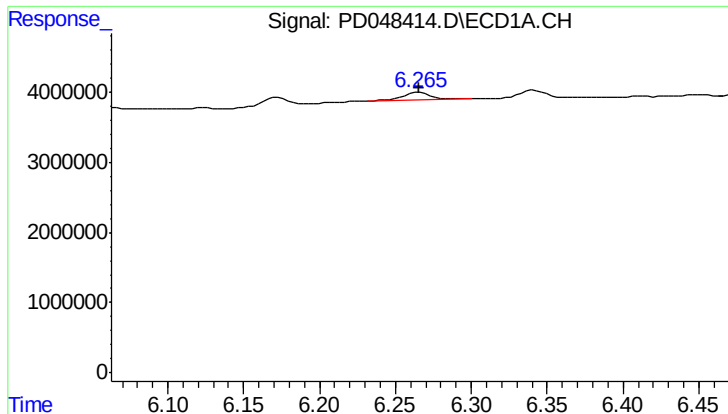
#16 4,4'-DDD

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 1597174  
Conc: 1.14 ng/ml



#16 4,4'-DDD

R.T.: 6.815 min  
Delta R.T.: 0.000 min  
Response: 21664654  
Conc: 1.10 ng/ml



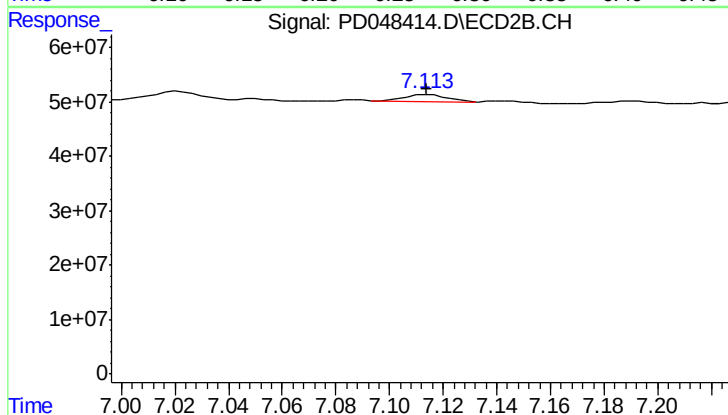
#17 4,4'-DDT

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 1372829  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

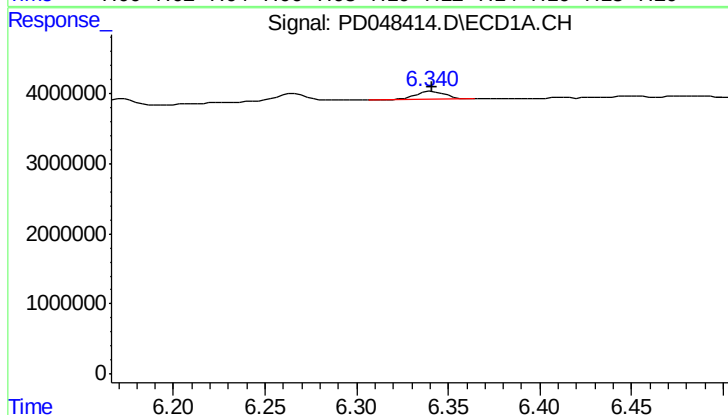
Manual Integrations  
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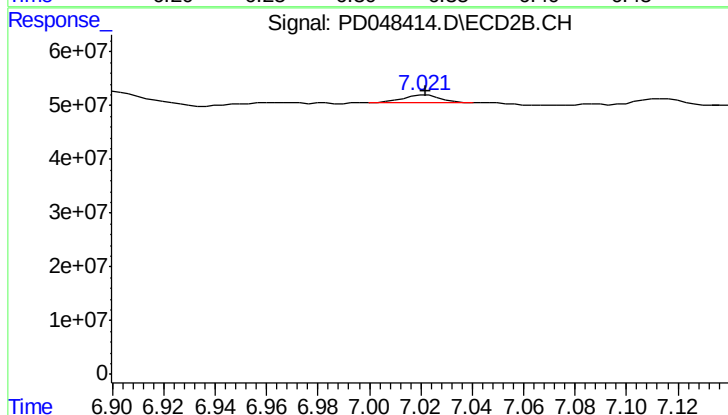
#17 4,4'-DDT

R.T.: 7.113 min  
Delta R.T.: -0.001 min  
Response: 13831926  
Conc: 0.73 ng/ml m



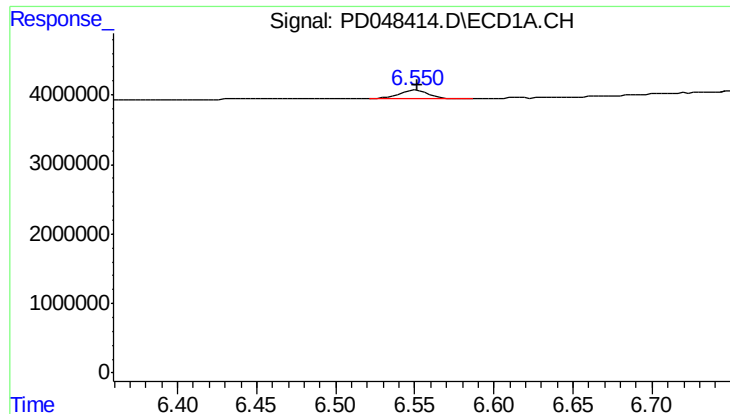
#18 Endrin aldehyde

R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 1221297  
Conc: 1.01 ng/ml



#18 Endrin aldehyde

R.T.: 7.021 min  
Delta R.T.: -0.001 min  
Response: 16316297  
Conc: 0.97 ng/ml m



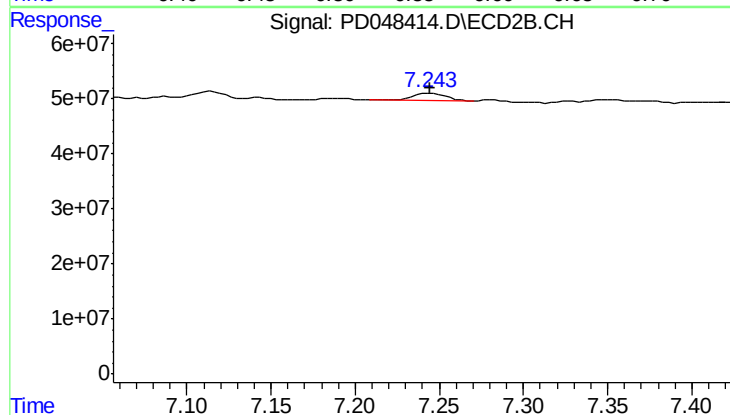
#19 Endosulfan Sulfate

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 1369416  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

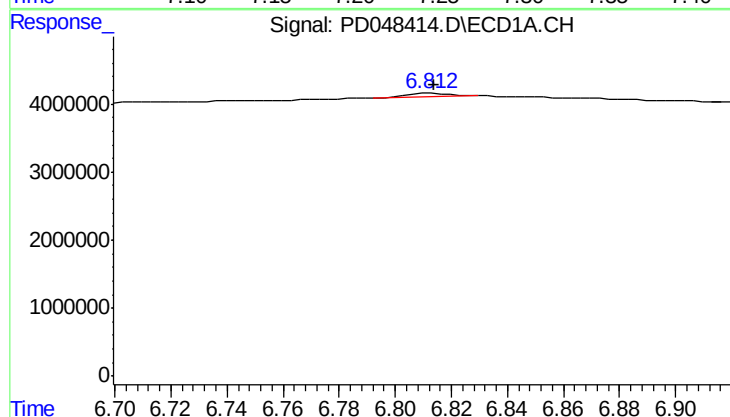
Manual Integrations  
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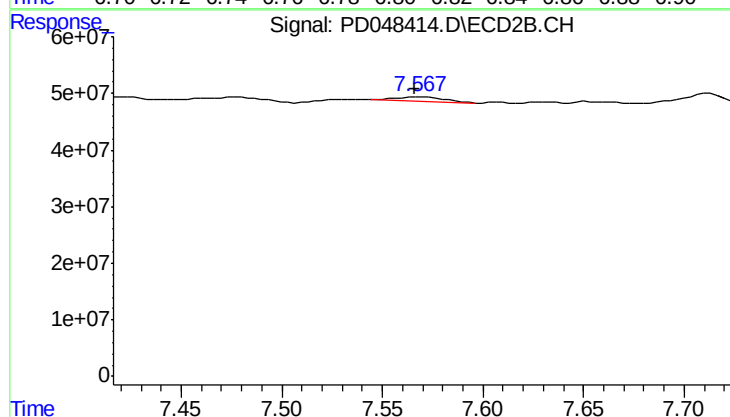
#19 Endosulfan Sulfate

R.T.: 7.244 min  
Delta R.T.: 0.000 min  
Response: 18849815  
Conc: 0.96 ng/ml



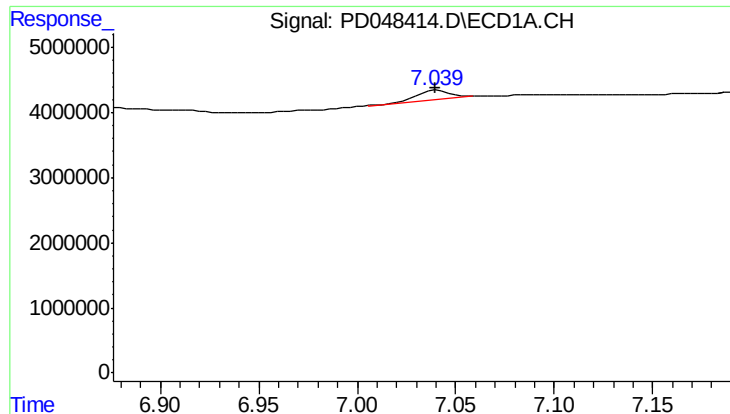
#20 Methoxychlor

R.T.: 6.812 min  
Delta R.T.: -0.002 min  
Response: 580671  
Conc: 0.75 ng/ml m



#20 Methoxychlor

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 12820469  
Conc: 1.33 ng/ml m



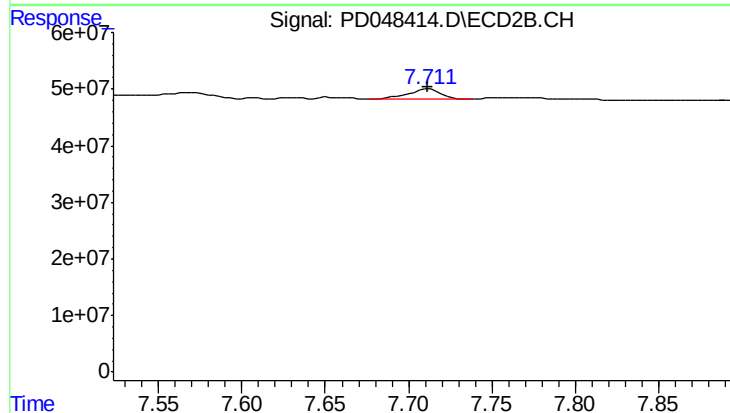
#21 Endrin ketone

R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 1634993  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

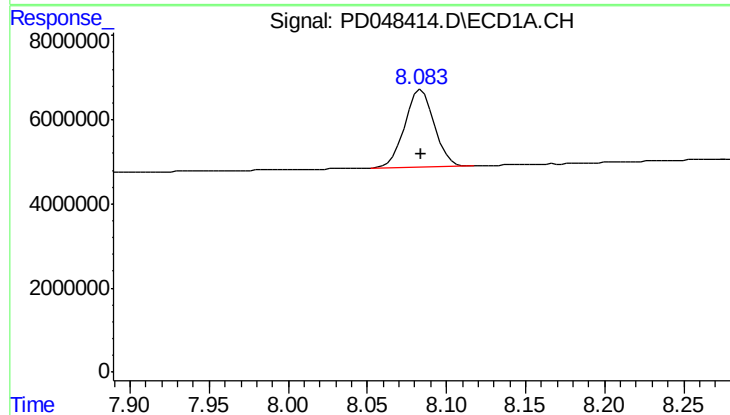
Manual Integrations  
APPROVED

Sohil  
7/18/2018 1:40:43 PM



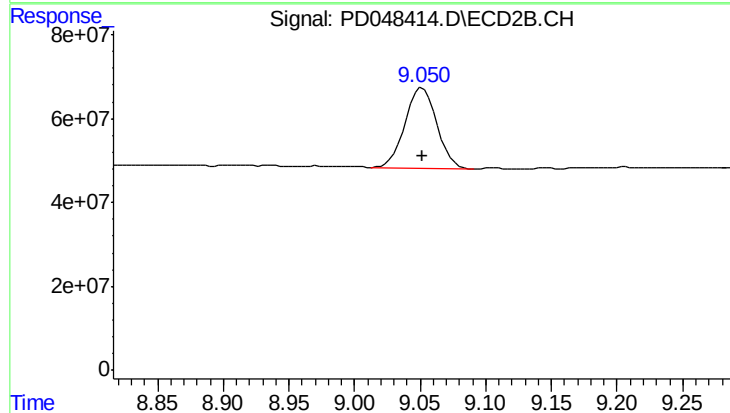
#21 Endrin ketone

R.T.: 7.713 min  
Delta R.T.: 0.001 min  
Response: 26554578  
Conc: 1.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: 0.000 min  
Response: 23746114  
Conc: 16.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.000 min  
Response: 325013682  
Conc: 17.29 ng/ml