

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD D\Data\PD072718\  
 Data File : PD048587.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Jul 2018 23:50  
 Operator : AJ\SJ  
 Sample : J3762-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 01:29:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072718.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 28 00:24:24 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 x 0.2 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... | 3.372  | 3.969 | 19218758 | 258.0E6  | 16.391 | 16.096  |
| 28)                         | SA Decachlor... | 8.069  | 8.996 | 25365112 | 263.7E6  | 16.612 | 15.544  |
| Target Compounds            |                 |        |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.802  | 4.348 | 2318459  | 34729138 | 1.138  | 1.254m  |
| 3)                          | MA gamma-BHC... | 4.080  | 4.630 | 4961989  | 28134826 | 2.611  | 1.127 # |
| 4)                          | MA Heptachlor   | 4.369  | 5.143 | 2073243  | 18381317 | 1.142  | 0.830 # |
| 5)                          | MB Aldrin       | 4.611  | 5.447 | 1788049  | 25086639 | 1.019  | 1.013   |
| 6)                          | B beta-BHC      | 4.291f | 4.788 | 1327919  | 6388387  | 1.747  | 0.639m# |
| 7)                          | B delta-BHC     | 4.527  | 5.005 | 1940441  | 24969861 | 1.021  | 1.138   |
| 8)                          | B Heptachlo...  | 5.050  | 5.824 | 1688790  | 17897685 | 1.025  | 0.896m  |
| 9)                          | A Endosulfan I  | 5.384  | 6.180 | 1451566  | 19088878 | 0.953  | 0.934m  |
| 10)                         | B gamma-Chl...  | 5.273  | 6.059 | 2072901  | 21874634 | 1.244  | 0.959   |
| 11)                         | B alpha-Chl...  | 5.331  | 6.134 | 1642529  | 24116728 | 1.016  | 1.097   |
| 12)                         | B 4,4'-DDE      | 5.499  | 6.284 | 1752998  | 18775915 | 1.039  | 0.965m  |
| 13)                         | MA Dieldrin     | 5.625  | 6.435 | 1670358  | 19760655 | 0.954  | 0.889   |
| 14)                         | MA Endrin       | 5.880  | 6.651 | 1748688  | 21171489 | 1.034  | 1.108   |
| 15)                         | B Endosulfa...  | 6.153  | 6.851 | 1339318  | 23285245 | 0.868  | 1.269 # |
| 16)                         | A 4,4'-DDD      | 6.011  | 6.769 | 1561514  | 15044790 | 1.075  | 1.021m  |
| 17)                         | MA 4,4'-DDT     | 6.249  | 7.065 | 1398469  | 16921409 | 0.912  | 1.104   |
| 18)                         | B Endrin al...  | 6.322  | 6.974 | 1237242  | 18419617 | 0.973  | 1.219 # |
| 19)                         | B Endosulfa...  | 6.533  | 7.196 | 1260823  | 17527243 | 0.886  | 0.971   |
| 20)                         | A Methoxychlor  | 6.799  | 7.520 | 1773839  | 4537269  | 2.085  | 0.613m# |
| 21)                         | B Endrin ke...  | 7.023  | 7.662 | 1456787  | 23449820 | 0.794  | 1.343 # |
| -----                       |                 |        |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD072718\  
Data File : PD048587.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Jul 2018 23:50  
Operator : AJ\SJ  
Sample : J3762-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

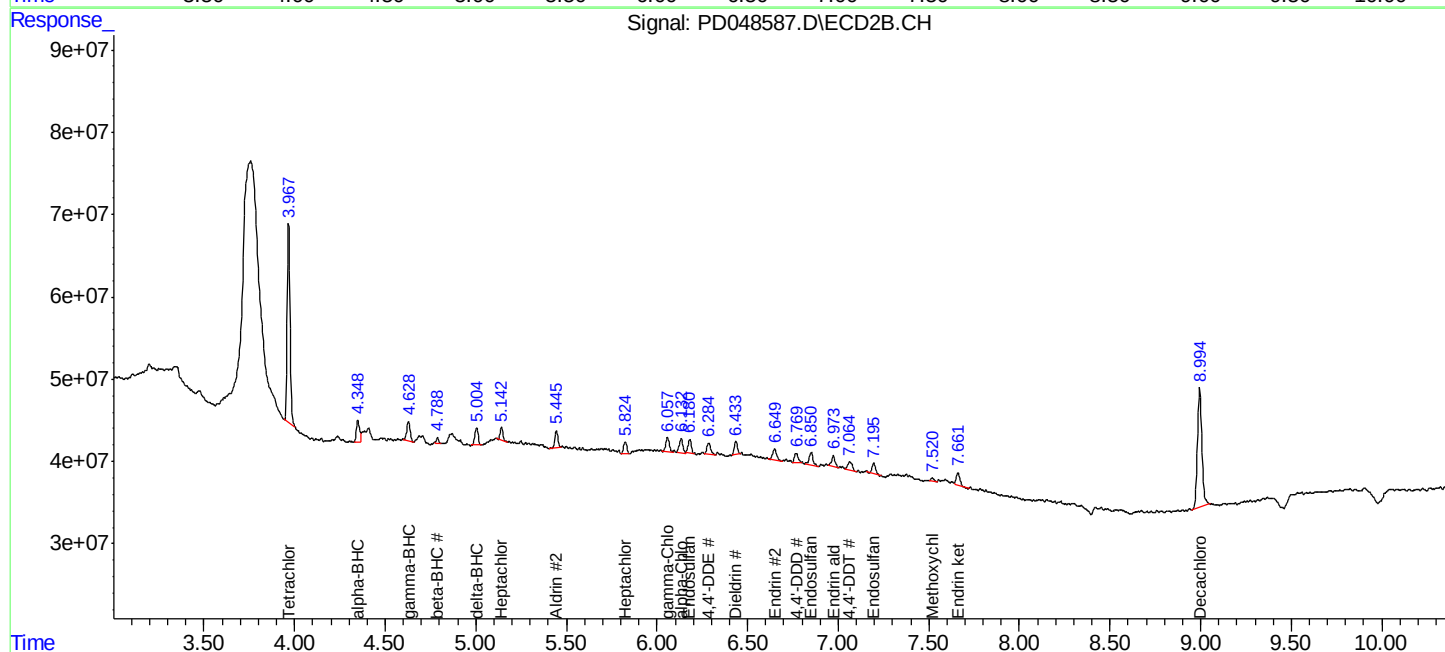
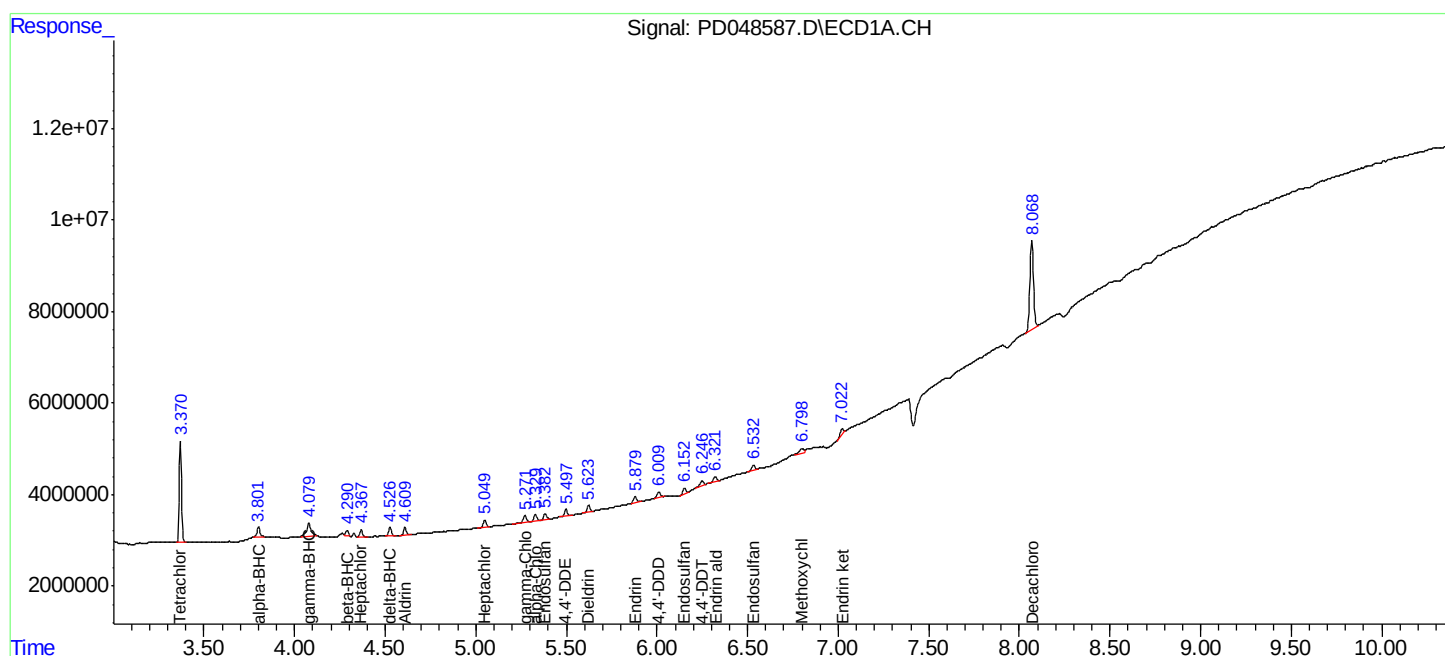
Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2018

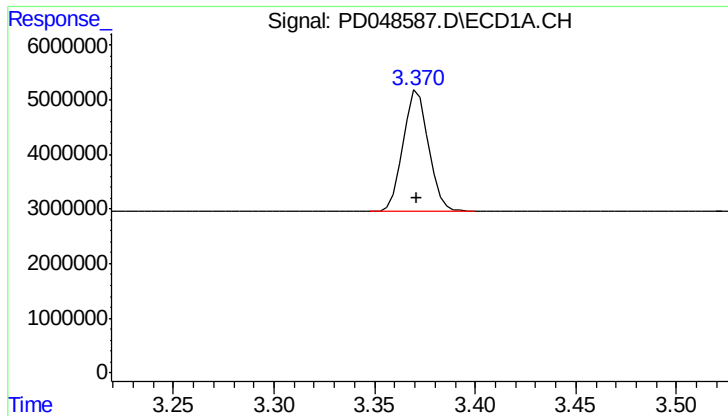
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 01:29:58 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072718.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 28 00:24:24 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 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





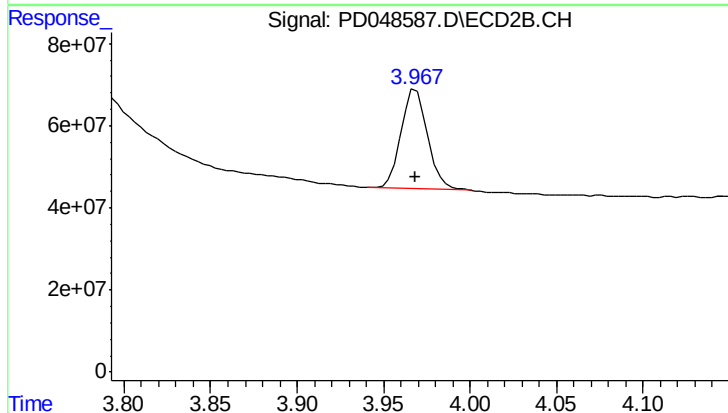
# #1 Tetrachloro-m-xylene

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 19218758  
Conc: 16.39 ng/ml

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

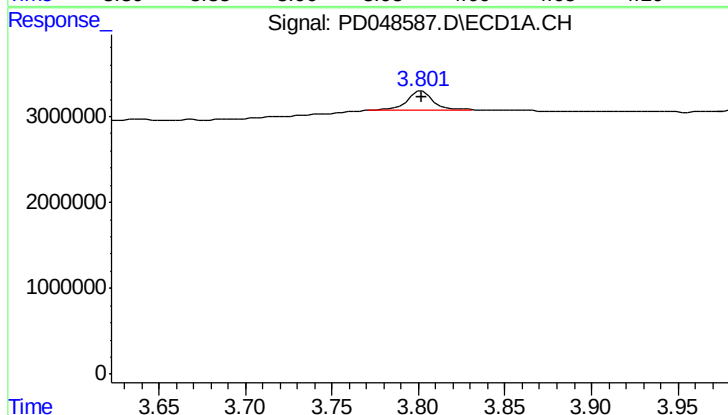
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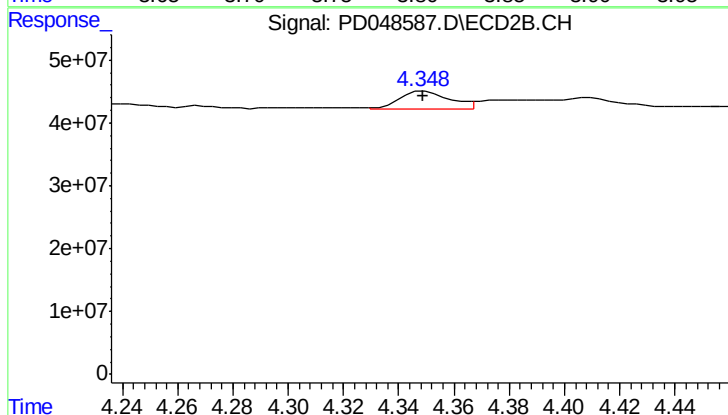
# #1 Tetrachloro-m-xylene

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 258019337  
Conc: 16.10 ng/ml



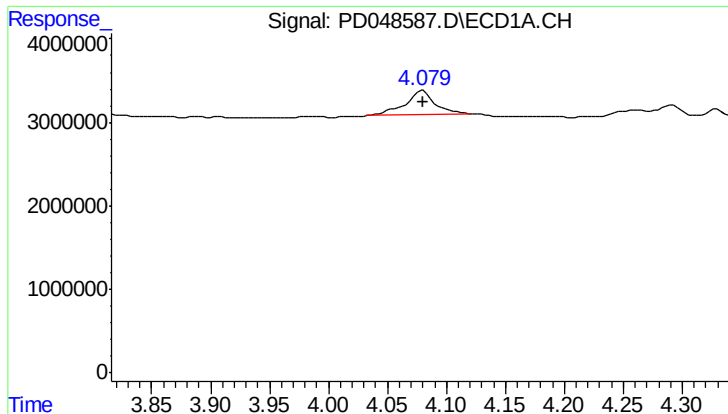
# #2 alpha-BHC

R.T.: 3.802 min  
Delta R.T.: 0.000 min  
Response: 2318459  
Conc: 1.14 ng/ml



# #2 alpha-BHC

R.T.: 4.348 min  
Delta R.T.: -0.001 min  
Response: 34729138  
Conc: 1.25 ng/ml m



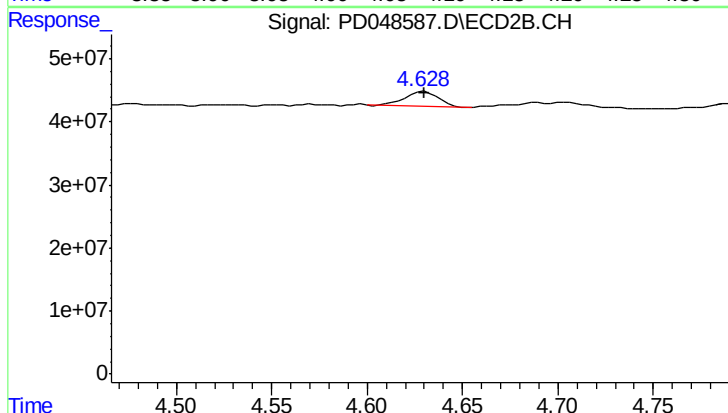
#3 gamma-BHC (Lindane)

R.T.: 4.080 min  
Delta R.T.: 0.000 min  
Response: 4961989  
Conc: 2.61 ng/ml

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

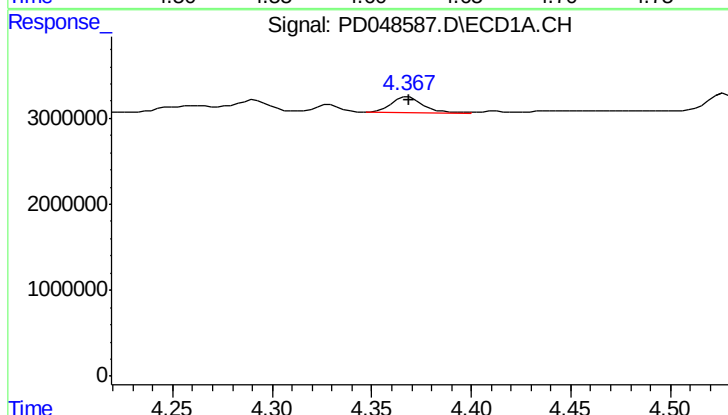
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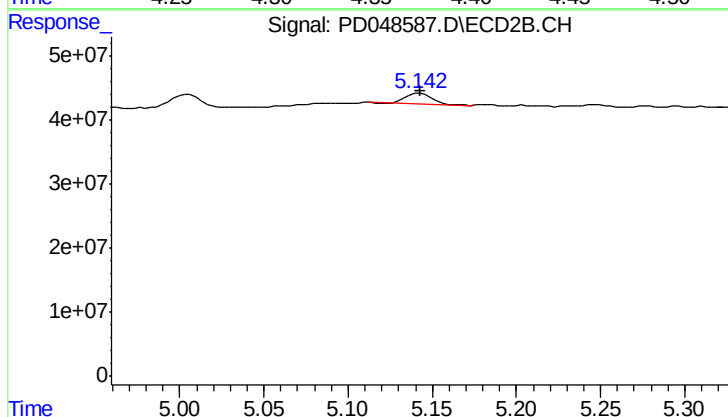
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: 0.000 min  
Response: 28134826  
Conc: 1.13 ng/ml



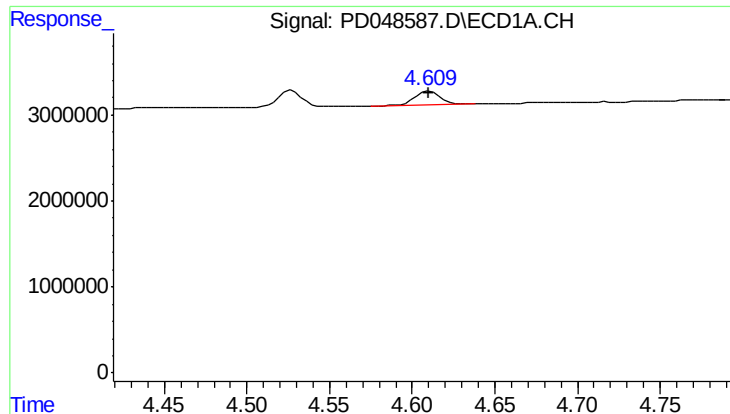
#4 Heptachlor

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 2073243  
Conc: 1.14 ng/ml



#4 Heptachlor

R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 18381317  
Conc: 0.83 ng/ml



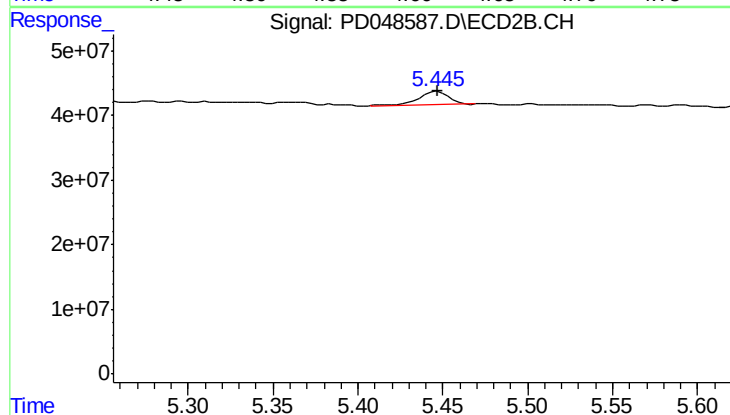
#5 Aldrin

R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 1788049  
Conc: 1.02 ng/ml

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

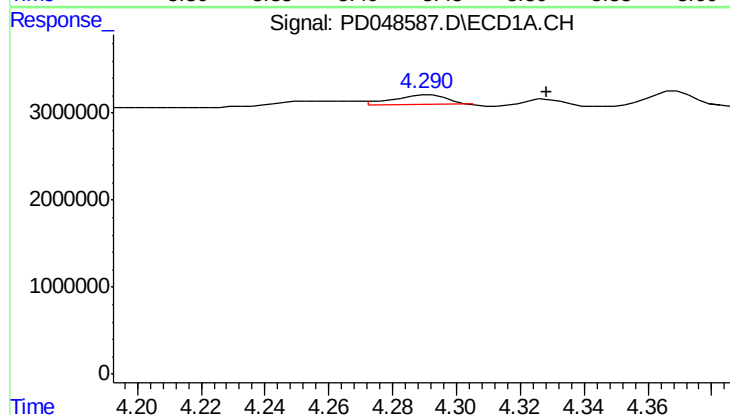
Manual Integrations  
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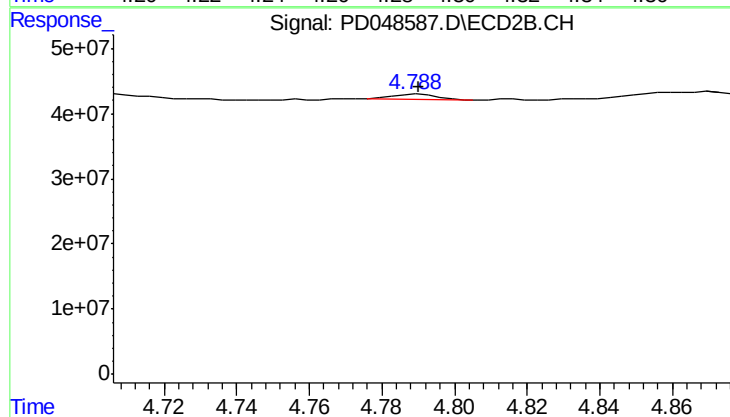
#5 Aldrin

R.T.: 5.447 min  
Delta R.T.: 0.000 min  
Response: 25086639  
Conc: 1.01 ng/ml



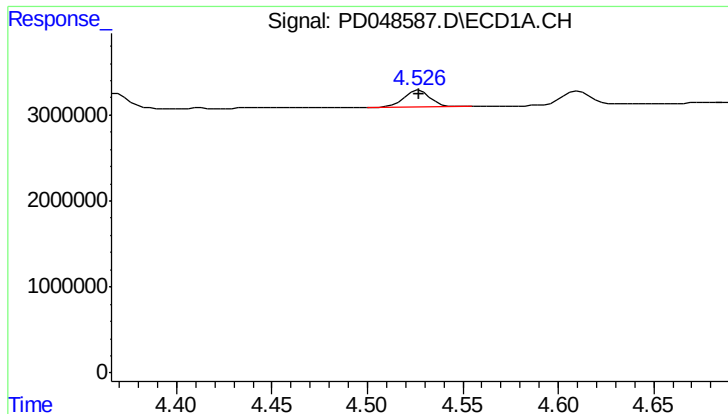
#6 beta-BHC

R.T.: 4.291 min  
Delta R.T.: -0.037 min  
Response: 1327919  
Conc: 1.75 ng/ml



#6 beta-BHC

R.T.: 4.788 min  
Delta R.T.: -0.002 min  
Response: 6388387  
Conc: 0.64 ng/ml m



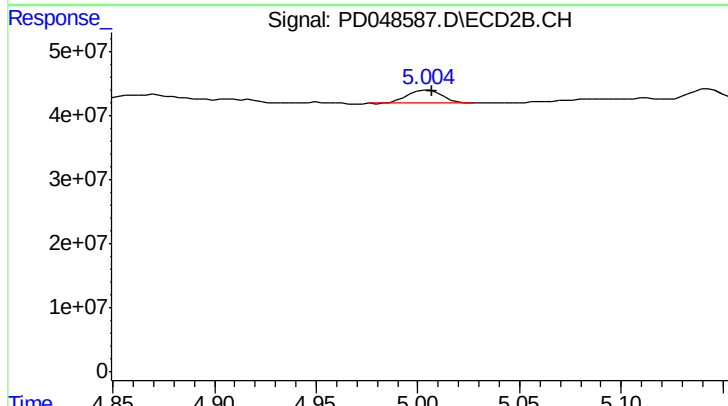
#7 delta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 1940441  
Conc: 1.02 ng/ml

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

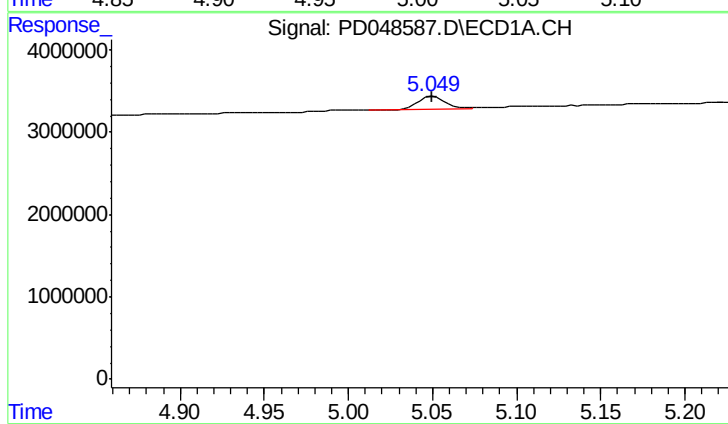
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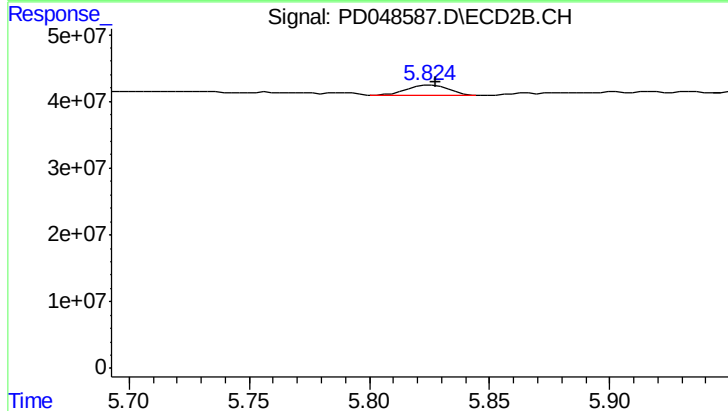
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.002 min  
Response: 24969861  
Conc: 1.14 ng/ml



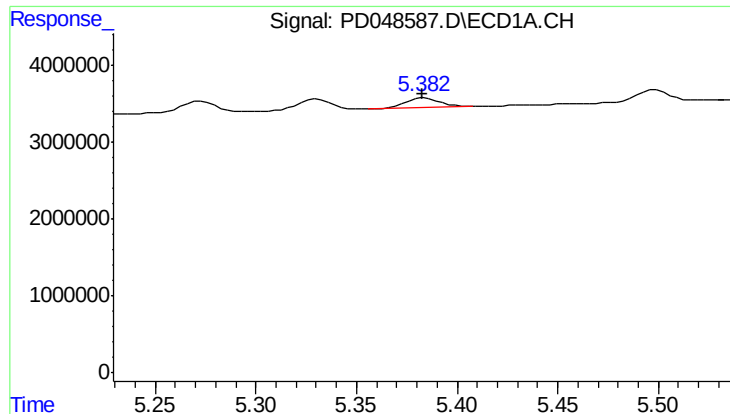
#8 Heptachlor epoxide

R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 1688790  
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.824 min  
Delta R.T.: -0.004 min  
Response: 17897685  
Conc: 0.90 ng/ml m



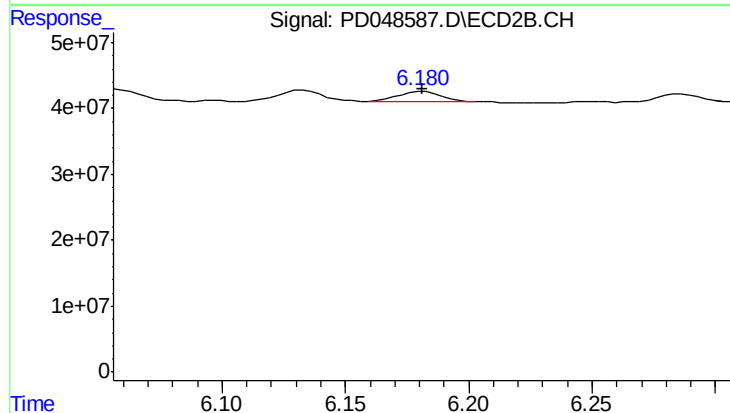
#9 Endosulfan I

R.T.: 5.384 min  
Delta R.T.: 0.001 min  
Response: 1451566  
Conc: 0.95 ng/ml

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

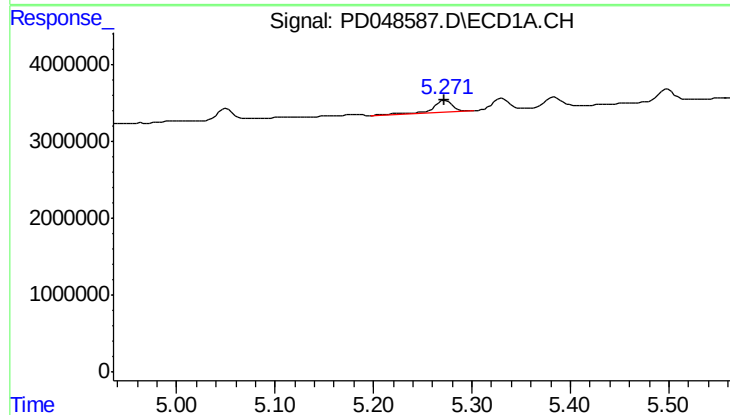
Manual Integrations  
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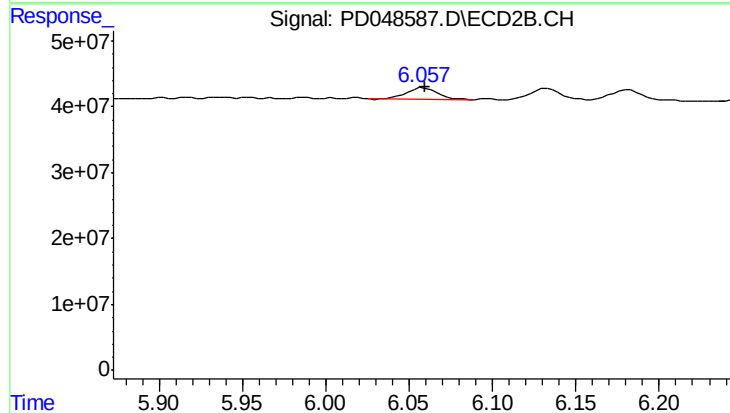
#9 Endosulfan I

R.T.: 6.180 min  
Delta R.T.: -0.001 min  
Response: 19088878  
Conc: 0.93 ng/ml m



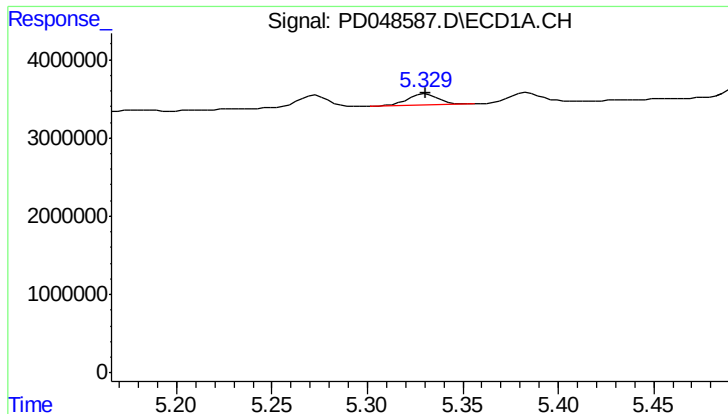
#10 gamma-Chlordane

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 2072901  
Conc: 1.24 ng/ml



#10 gamma-Chlordane

R.T.: 6.059 min  
Delta R.T.: -0.001 min  
Response: 21874634  
Conc: 0.96 ng/ml



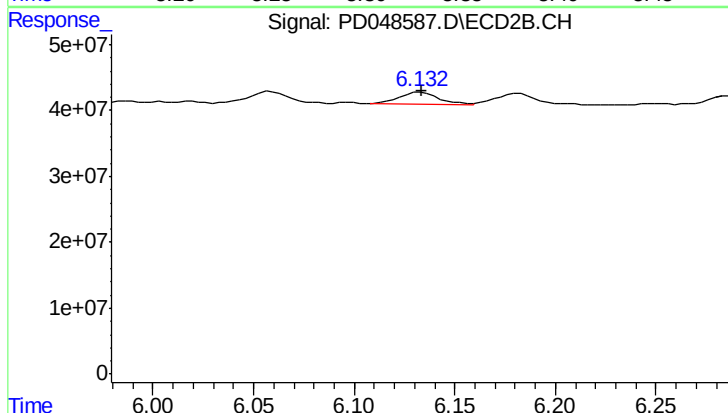
#11 alpha-Chlordane

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 1642529  
Conc: 1.02 ng/ml

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

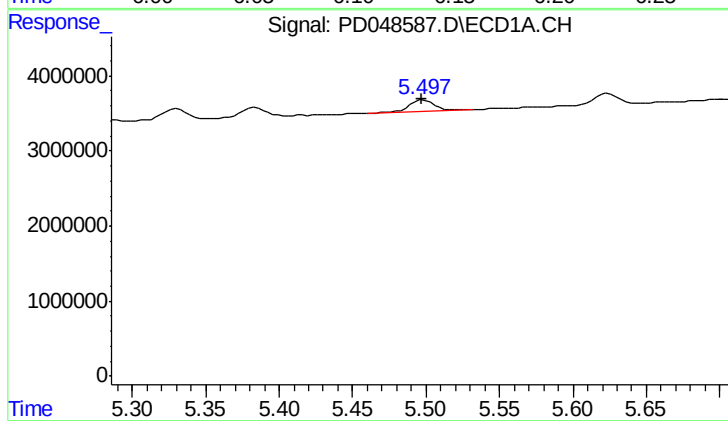
Manual Integrations  
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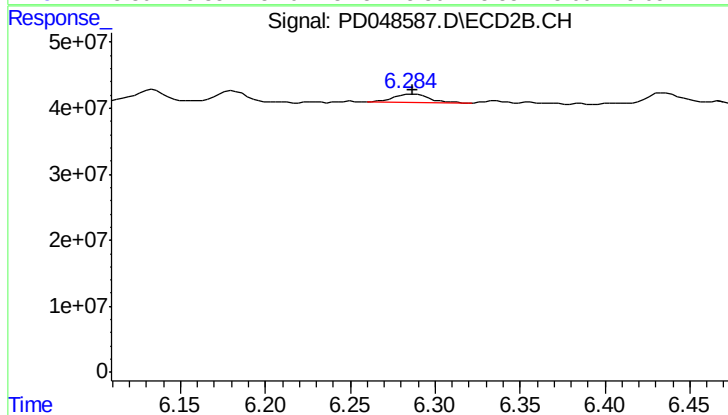
#11 alpha-Chlordane

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 24116728  
Conc: 1.10 ng/ml



#12 4,4'-DDE

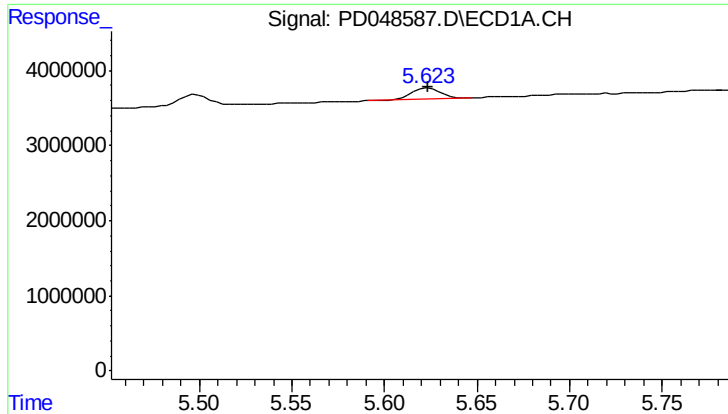
R.T.: 5.499 min  
Delta R.T.: 0.001 min  
Response: 1752998  
Conc: 1.04 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min  
Delta R.T.: -0.003 min  
Response: 18775915  
Conc: 0.96 ng/ml m





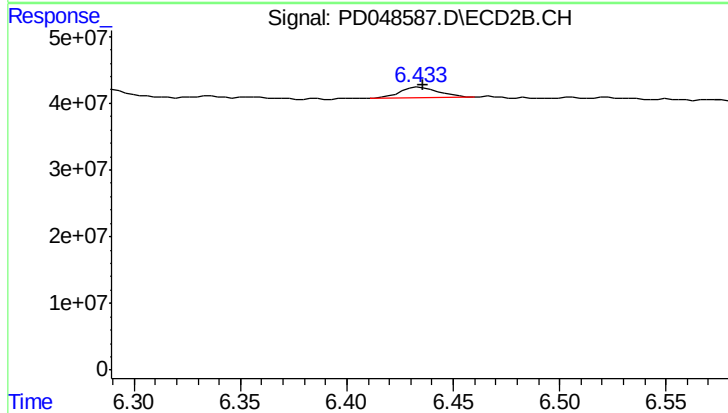
#13 Dieldrin

R.T.: 5.625 min  
Delta R.T.: 0.001 min  
Response: 1670358  
Conc: 0.95 ng/ml

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

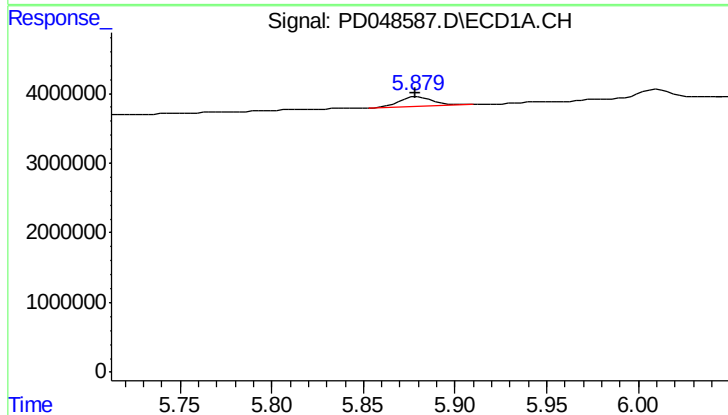
Manual Integrations  
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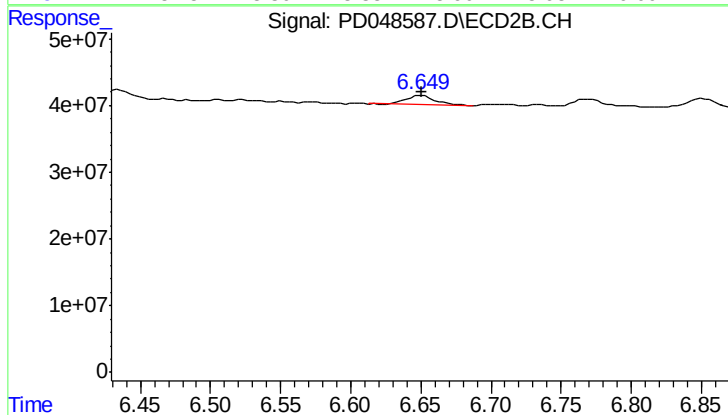
#13 Dieldrin

R.T.: 6.435 min  
Delta R.T.: 0.000 min  
Response: 19760655  
Conc: 0.89 ng/ml



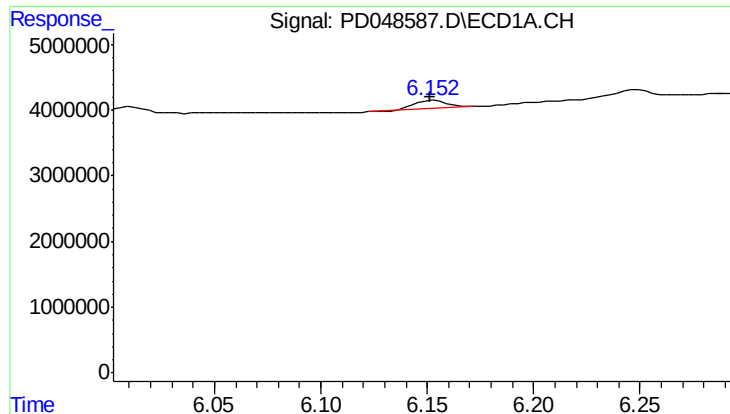
#14 Endrin

R.T.: 5.880 min  
Delta R.T.: 0.001 min  
Response: 1748688  
Conc: 1.03 ng/ml



#14 Endrin

R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 21171489  
Conc: 1.11 ng/ml



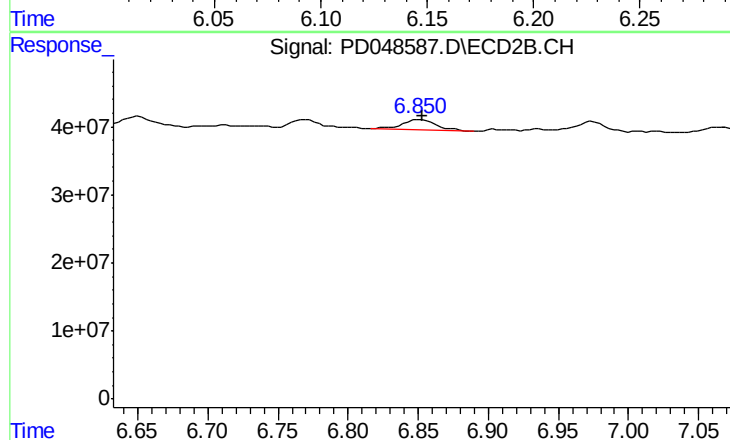
#15 Endosulfan II

R.T.: 6.153 min  
Delta R.T.: 0.002 min  
Response: 1339318  
Conc: 0.87 ng/ml

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

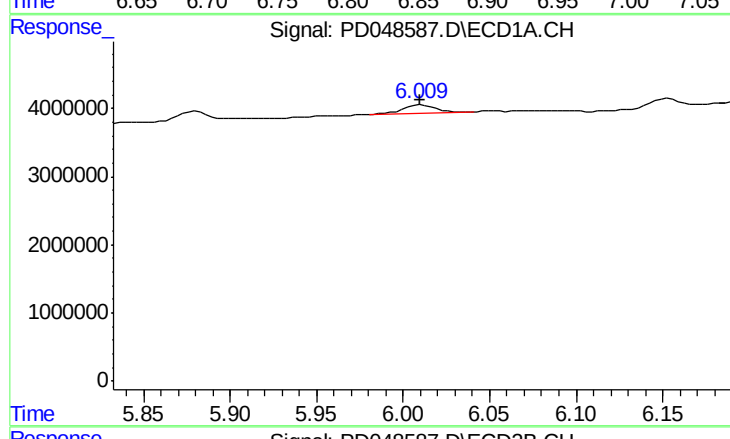
Manual Integrations  
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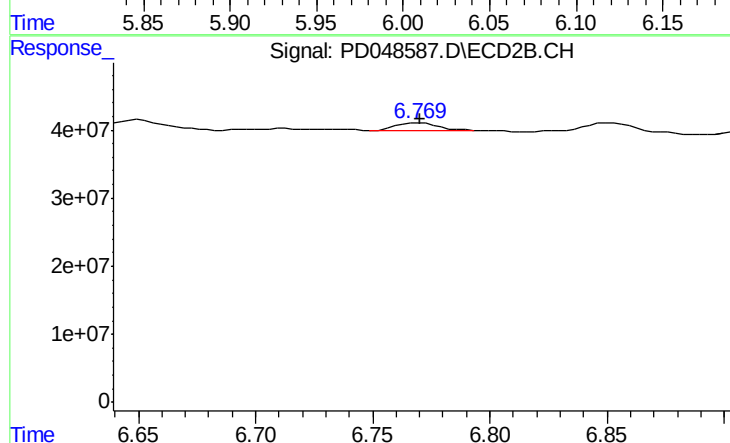
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 23285245  
Conc: 1.27 ng/ml



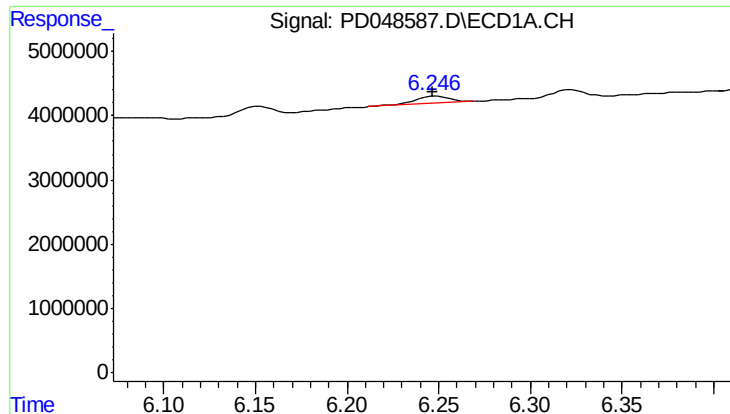
#16 4,4'-DDD

R.T.: 6.011 min  
Delta R.T.: 0.000 min  
Response: 1561514  
Conc: 1.07 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 15044790  
Conc: 1.02 ng/ml m



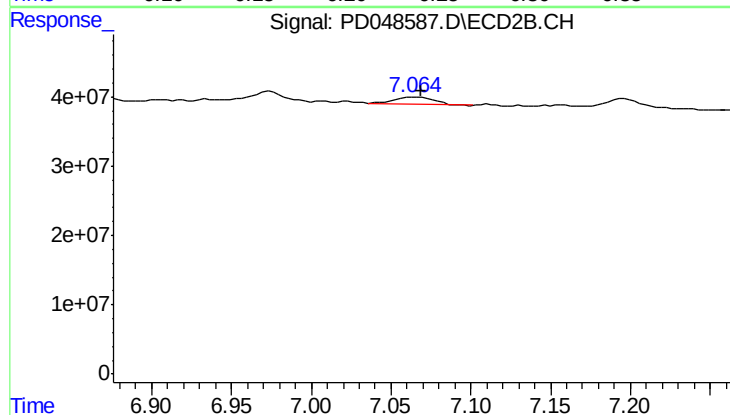
#17 4,4'-DDT

R.T.: 6.249 min  
Delta R.T.: 0.002 min  
Response: 1398469  
Conc: 0.91 ng/ml

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

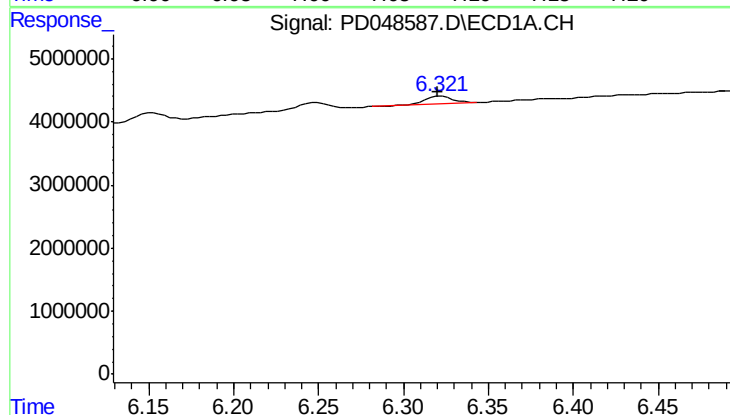
Manual Integrations  
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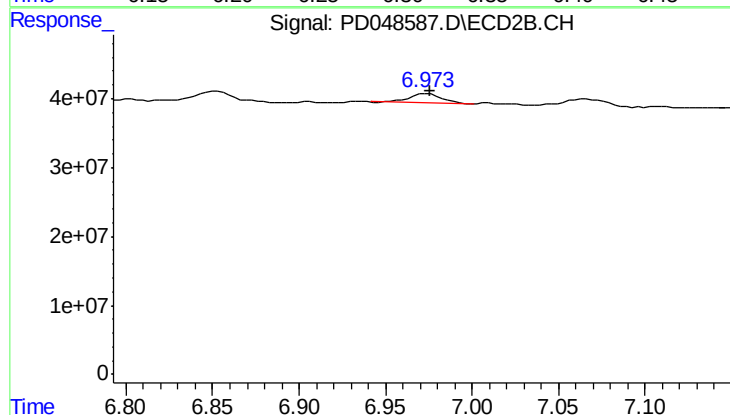
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.004 min  
Response: 16921409  
Conc: 1.10 ng/ml



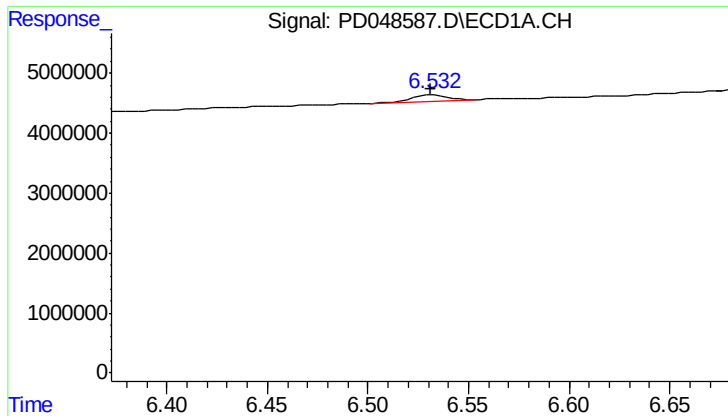
#18 Endrin aldehyde

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 1237242  
Conc: 0.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: -0.001 min  
Response: 18419617  
Conc: 1.22 ng/ml



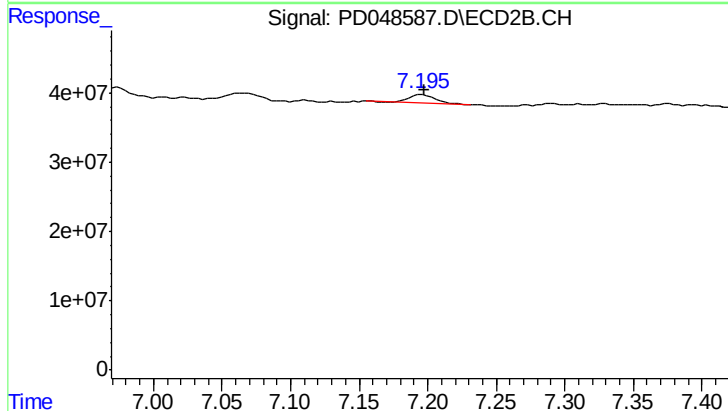
#19 Endosulfan Sulfate

R.T.: 6.533 min  
Delta R.T.: 0.002 min  
Response: 1260823  
Conc: 0.89 ng/ml

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

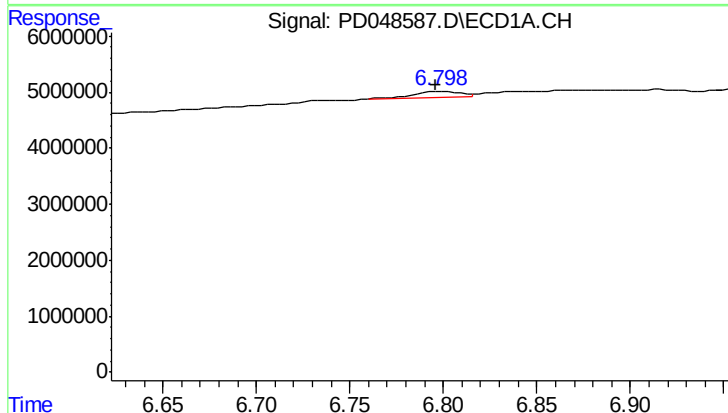
Manual Integrations  
APPROVED

Sohil  
7/30/2018 1:28:07 PM



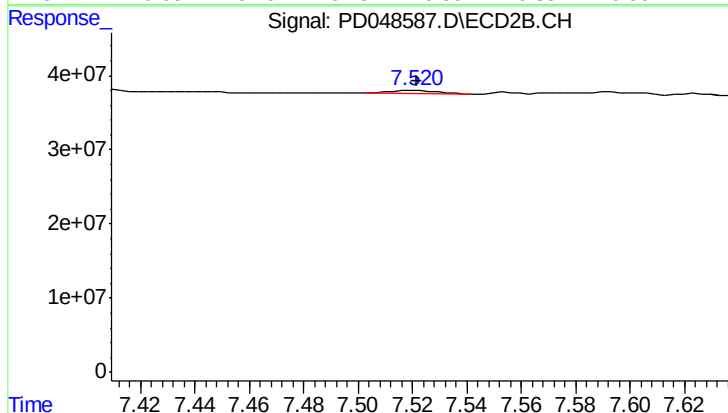
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.001 min  
Response: 17527243  
Conc: 0.97 ng/ml



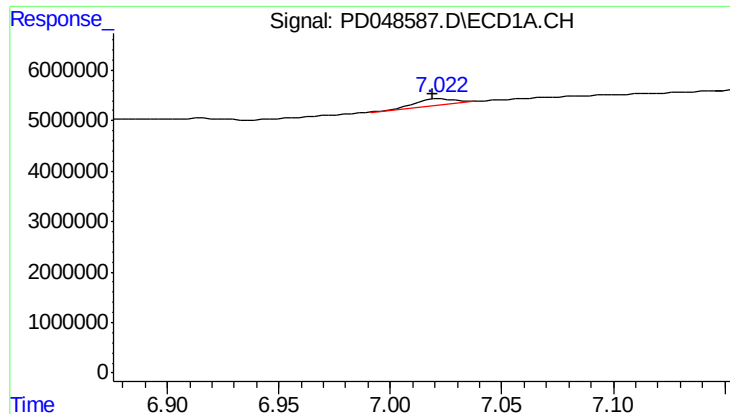
#20 Methoxychlor

R.T.: 6.799 min  
Delta R.T.: 0.003 min  
Response: 1773839  
Conc: 2.08 ng/ml



#20 Methoxychlor

R.T.: 7.520 min  
Delta R.T.: -0.001 min  
Response: 4537269  
Conc: 0.61 ng/ml m



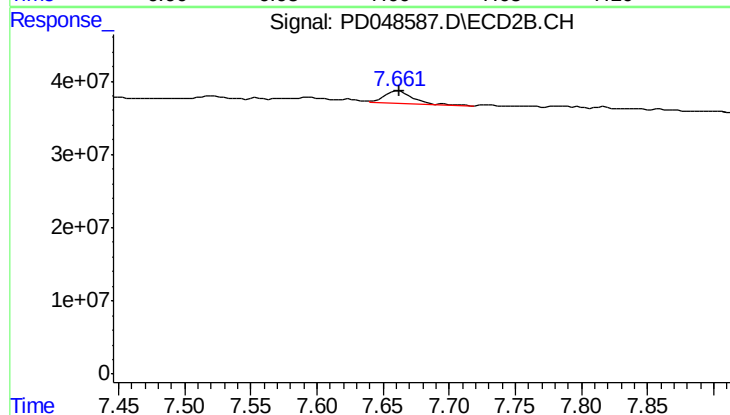
#21 Endrin ketone

R.T.: 7.023 min  
Delta R.T.: 0.004 min  
Response: 1456787  
Conc: 0.79 ng/ml

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

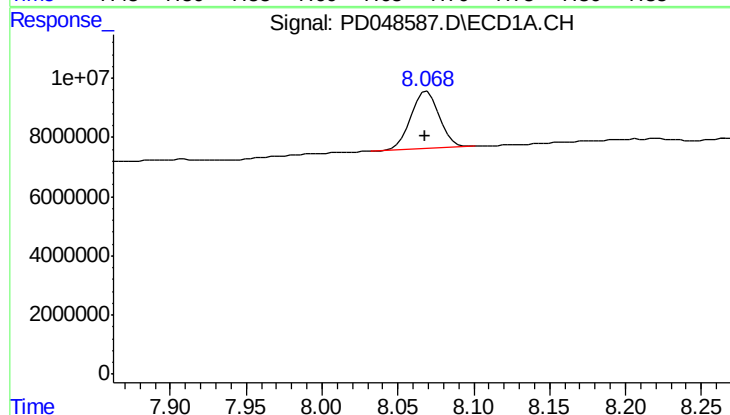
Manual Integrations  
APPROVED

Sohil  
7/30/2018 1:28:07 PM



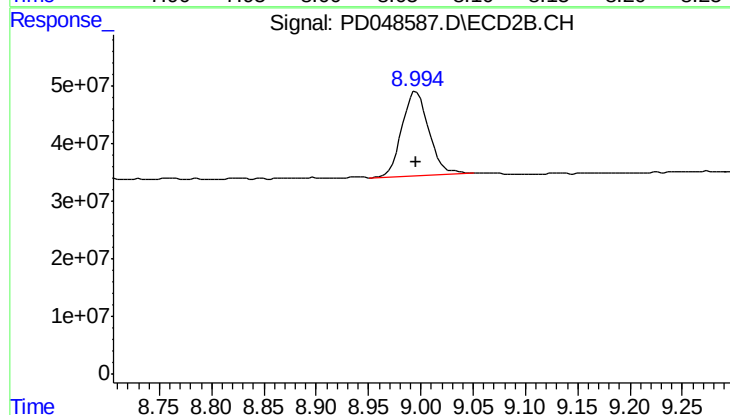
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 23449820  
Conc: 1.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min  
Delta R.T.: 0.001 min  
Response: 25365112  
Conc: 16.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min  
Delta R.T.: 0.000 min  
Response: 263677366  
Conc: 15.54 ng/ml