

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073018\  
 Data File : PL038712.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2018 16:00  
 Operator : AJ\SJ  
 Sample : J4217-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 01:09:29 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.324 | 3.927 | 149.0E6  | 57391427 | 20.013  | 21.864   |
| 28)                         | SA Decachlor... | 7.992 | 8.934 | 123.0E6  | 45165186 | 16.219  | 18.477   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.754 | 4.306 | 284.8E6  | 102.2E6  | 24.101  | 26.396   |
| 3)                          | MA gamma-BHC... | 4.028 | 4.586 | 257.9E6  | 104.5E6  | 24.598m | 28.920   |
| 4)                          | MA Heptachlor   | 4.313 | 5.096 | 324.2E6  | 86126233 | 30.478  | 26.946   |
| 5)                          | MB Aldrin       | 4.551 | 5.397 | 294.2E6  | 84477729 | 28.106  | 27.373   |
| 6)                          | B beta-BHC      | 4.283 | 4.747 | 115.4E6  | 49268625 | 24.447  | 32.480 # |
| 7)                          | B delta-BHC     | 4.477 | 4.960 | 286.2E6  | 96642005 | 26.369  | 29.139m  |
| 8)                          | B Heptachlo...  | 4.989 | 5.777 | 234.2E6  | 78613954 | 24.836  | 27.662   |
| 9)                          | A Endosulfan I  | 5.319 | 6.130 | 220.4E6  | 62451332 | 25.485  | 24.283   |
| 10)                         | B gamma-Chl...  | 5.209 | 6.008 | 248.1E6  | 66211033 | 25.100m | 22.838m  |
| 11)                         | B alpha-Chl...  | 5.267 | 6.083 | 247.7E6  | 68367068 | 26.168  | 23.853   |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.240 | 240.2E6  | 72208581 | 25.055  | 27.003   |
| 13)                         | MA Dieldrin     | 5.558 | 6.384 | 264.8E6  | 78863363 | 27.558  | 28.975   |
| 14)                         | MA Endrin       | 5.810 | 6.598 | 236.9E6  | 61887946 | 27.261m | 25.915   |
| 15)                         | B Endosulfa...  | 6.085 | 6.801 | 210.6E6  | 62412618 | 26.551m | 25.990m  |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.722 | 194.0E6  | 74295026 | 26.443m | 34.710m# |
| 17)                         | MA 4,4'-DDT     | 6.180 | 7.020 | 283.8E6  | 81383780 | 38.202  | 38.172   |
| 18)                         | B Endrin al...  | 6.255 | 6.925 | 179.3E6  | 49578878 | 28.161  | 25.407   |
| 19)                         | B Endosulfa...  | 6.464 | 7.147 | 236.6E6  | 61923794 | 31.330  | 28.408   |
| 20)                         | A Methoxychlor  | 6.728 | 7.476 | 90816047 | 27153481 | 23.604  | 23.847   |
| 21)                         | B Endrin ke...  | 6.946 | 7.608 | 197.1E6  | 60872132 | 25.125m | 25.539m  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073018\  
Data File : PL038712.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2018 16:00  
Operator : AJ\SJ  
Sample : J4217-01MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

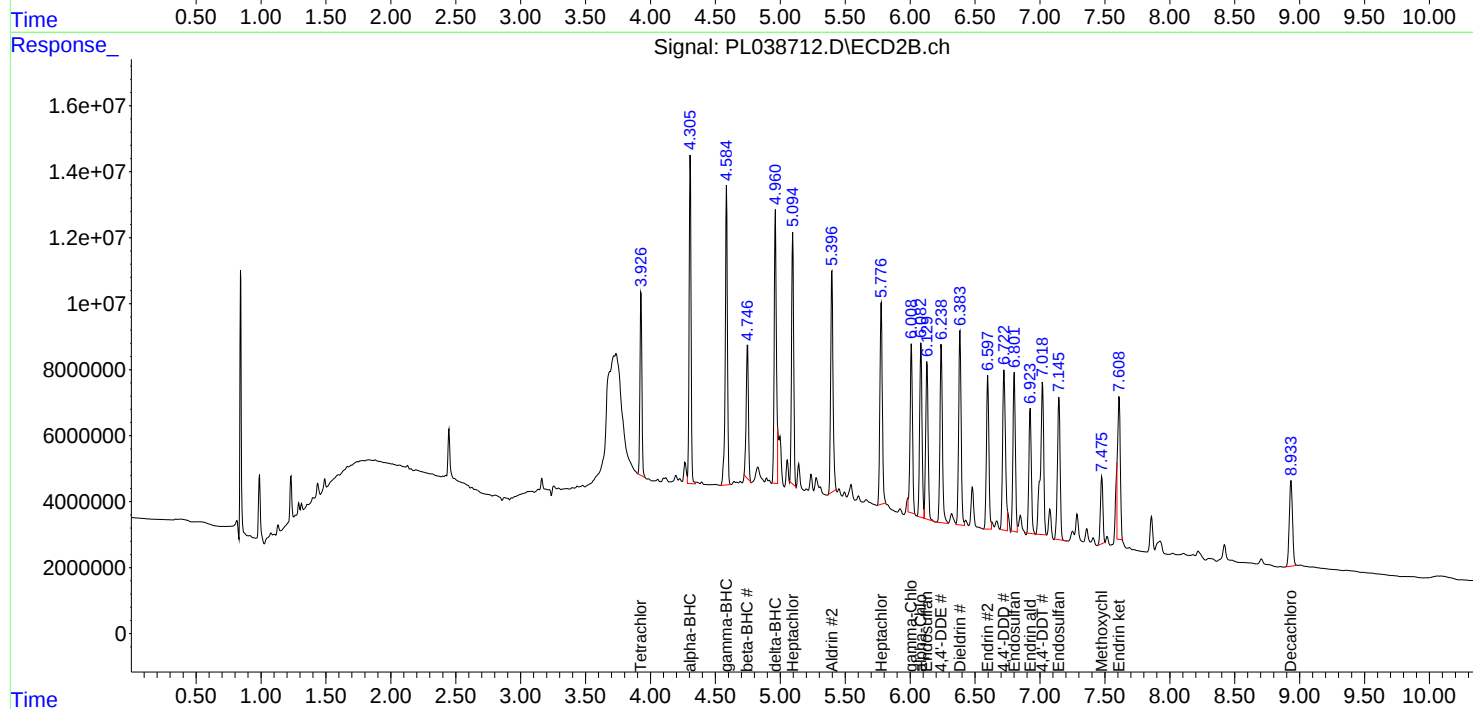
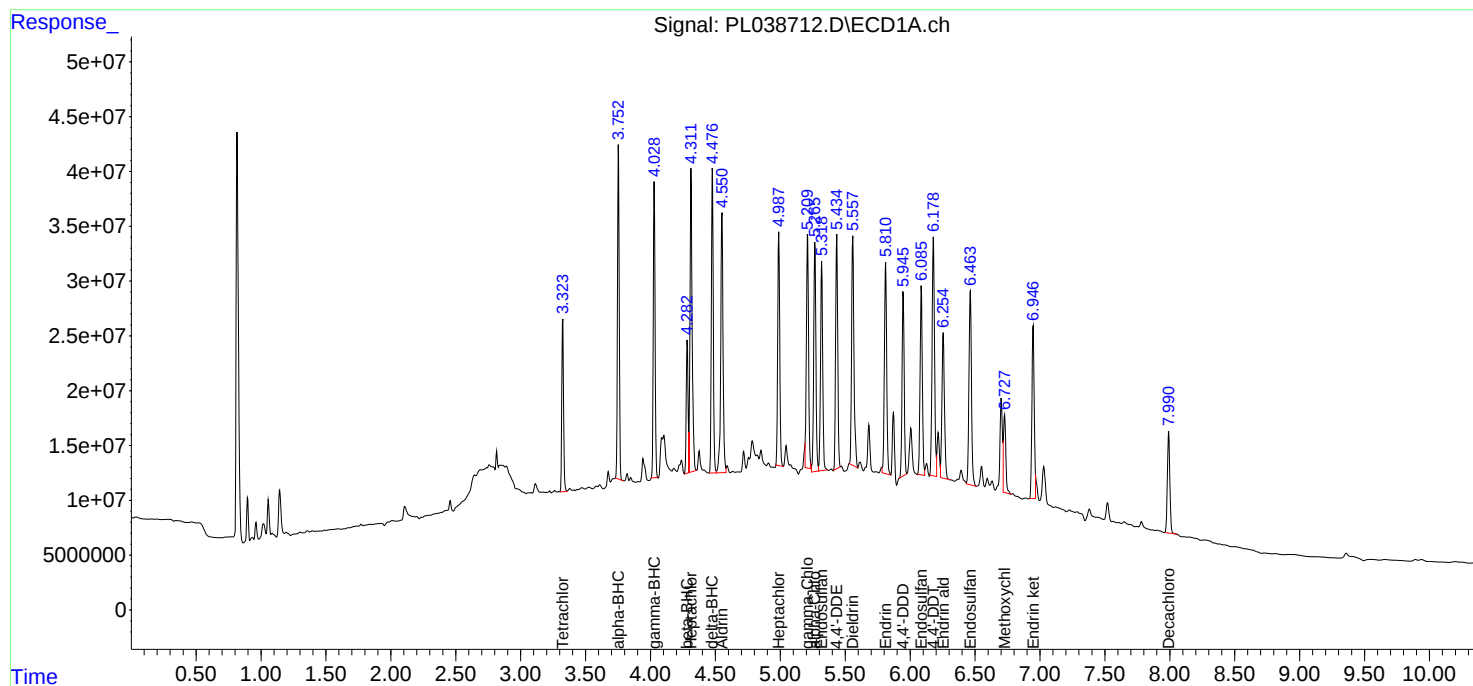
Instrument :  
ECD\_L  
ClientSampled :  
SOIL-1MSD

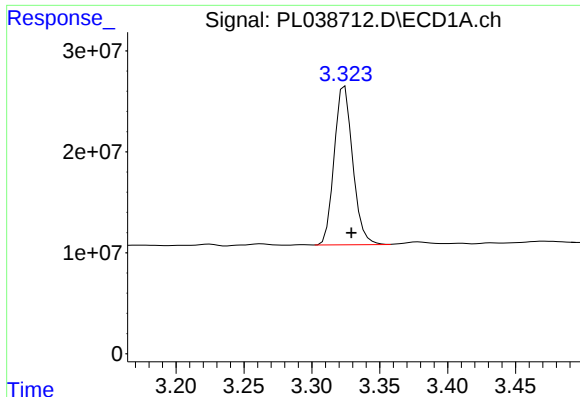
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 01:09:29 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





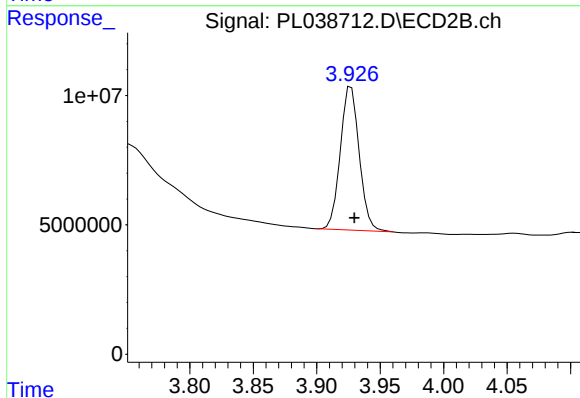
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: -0.005 min  
Response: 149022750  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

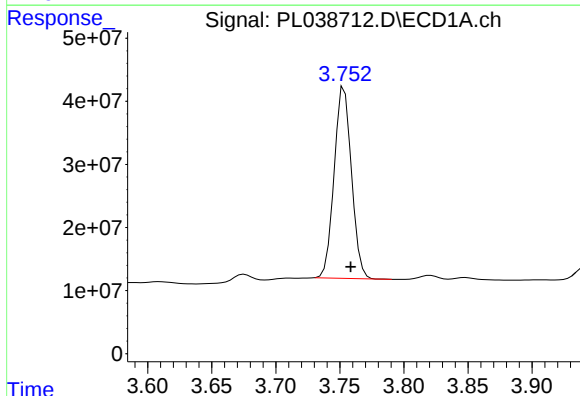
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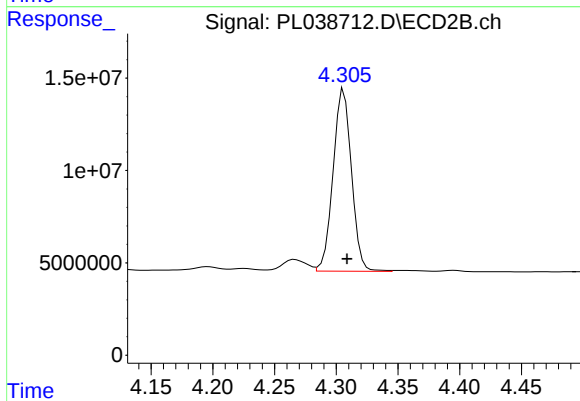
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.002 min  
Response: 57391427  
Conc: 21.86 ng/ml



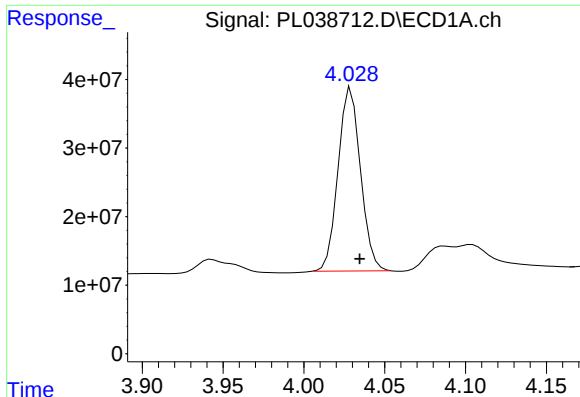
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.005 min  
Response: 284760016  
Conc: 24.10 ng/ml



#2 alpha-BHC

R.T.: 4.306 min  
Delta R.T.: -0.002 min  
Response: 102156129  
Conc: 26.40 ng/ml



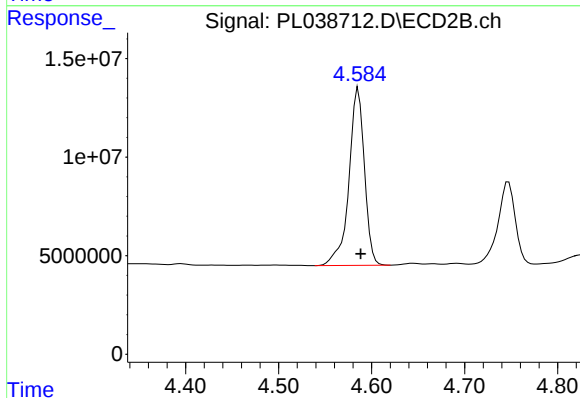
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: -0.007 min  
Response: 257885721  
Conc: 24.60 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

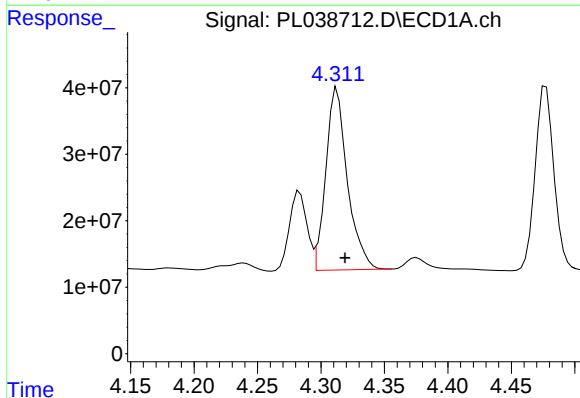
Manual Integrations  
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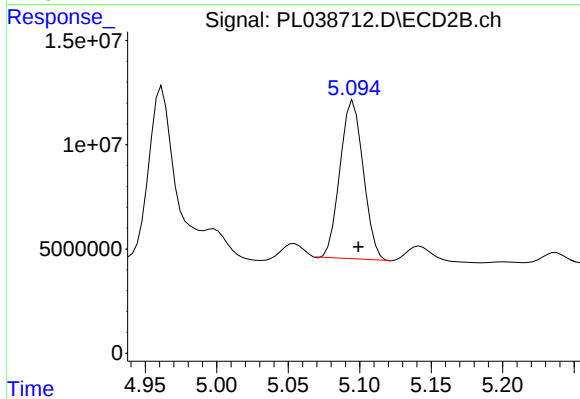
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.003 min  
Response: 104454703  
Conc: 28.92 ng/ml



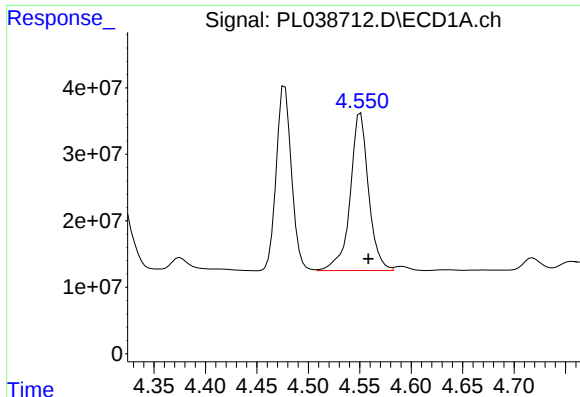
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: -0.006 min  
Response: 324204556  
Conc: 30.48 ng/ml



#4 Heptachlor

R.T.: 5.096 min  
Delta R.T.: -0.004 min  
Response: 86126233  
Conc: 26.95 ng/ml



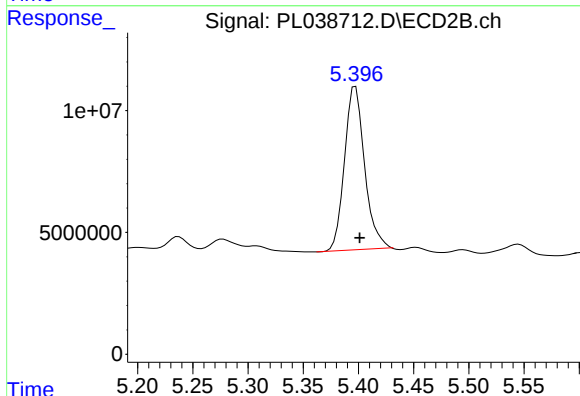
#5 Aldrin

R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 294195049  
Conc: 28.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

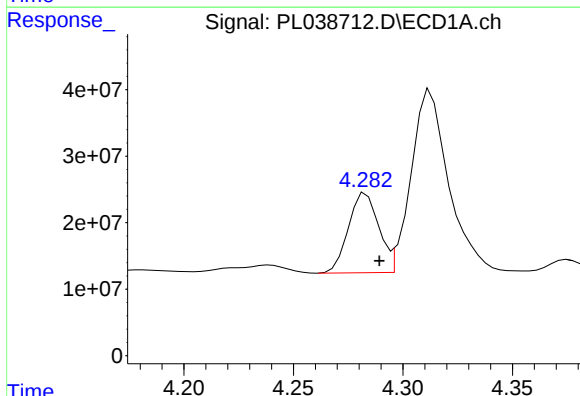
Manual Integrations  
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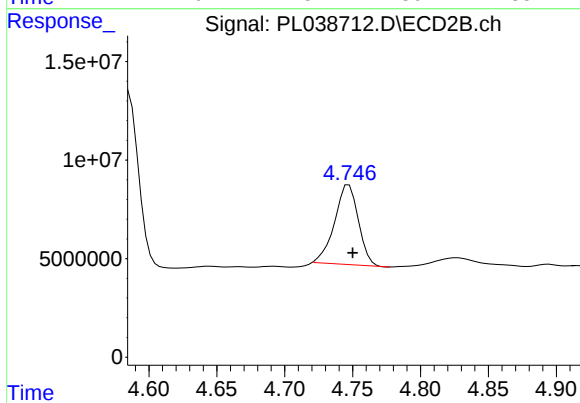
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 84477729  
Conc: 27.37 ng/ml



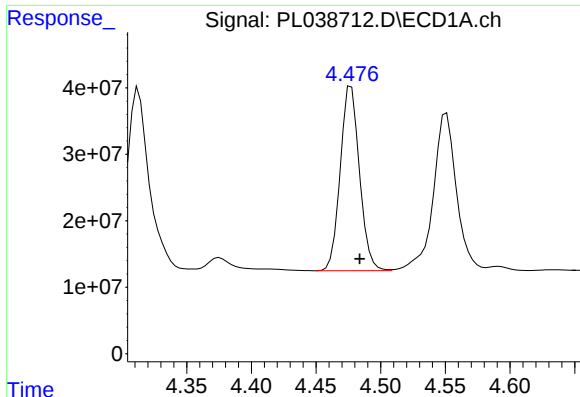
#6 beta-BHC

R.T.: 4.283 min  
Delta R.T.: -0.006 min  
Response: 115399484  
Conc: 24.45 ng/ml



#6 beta-BHC

R.T.: 4.747 min  
Delta R.T.: -0.003 min  
Response: 49268625  
Conc: 32.48 ng/ml



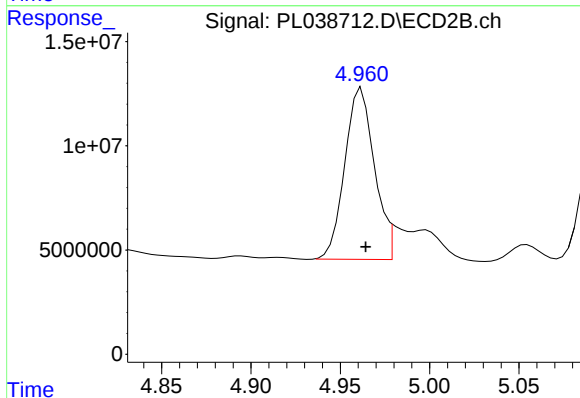
#7 delta-BHC

R.T.: 4.477 min  
Delta R.T.: -0.006 min  
Response: 286213761  
Conc: 26.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

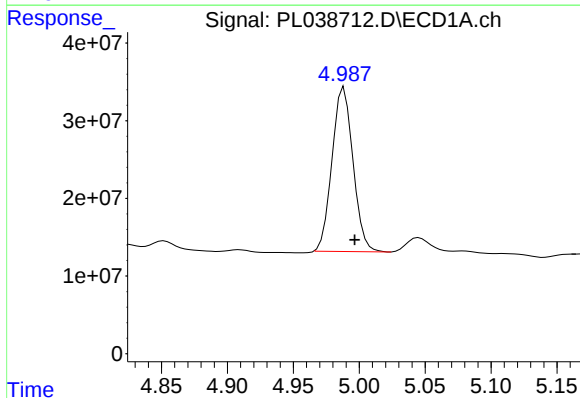
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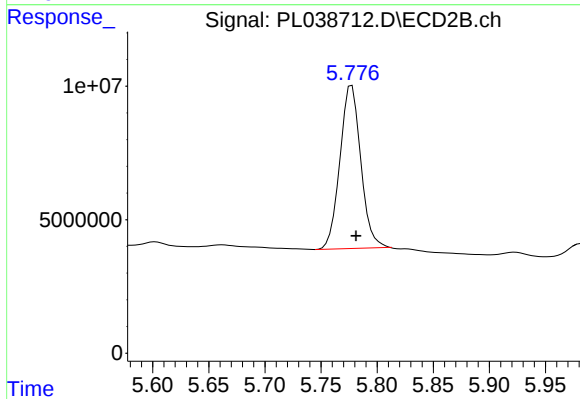
#7 delta-BHC

R.T.: 4.960 min  
Delta R.T.: -0.004 min  
Response: 96642005  
Conc: 29.14 ng/ml m



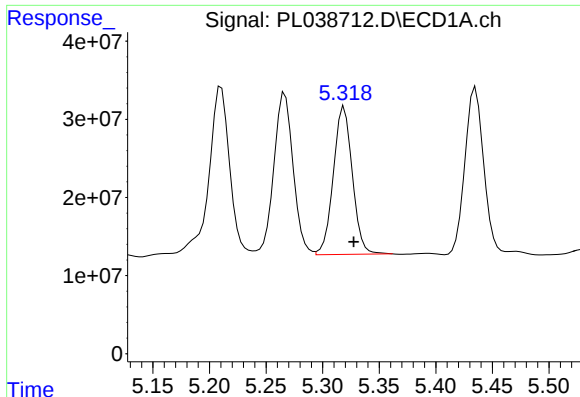
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: -0.008 min  
Response: 234166220  
Conc: 24.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.777 min  
Delta R.T.: -0.004 min  
Response: 78613954  
Conc: 27.66 ng/ml



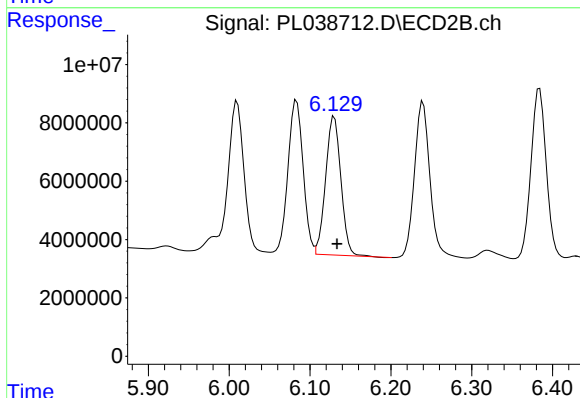
#9 Endosulfan I

R.T.: 5.319 min  
Delta R.T.: -0.008 min  
Response: 220439442  
Conc: 25.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

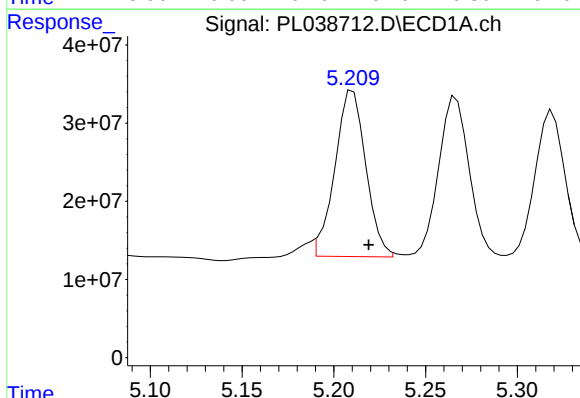
Manual Integrations  
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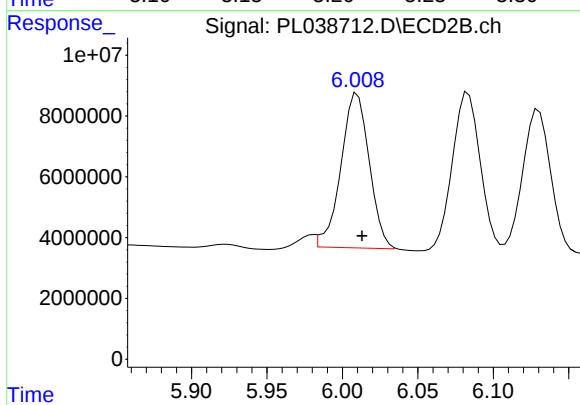
#9 Endosulfan I

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 62451332  
Conc: 24.28 ng/ml



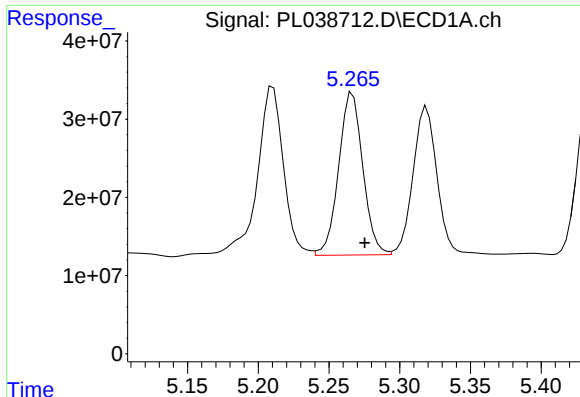
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 248089575  
Conc: 25.10 ng/ml m



#10 gamma-Chlordane

R.T.: 6.008 min  
Delta R.T.: -0.005 min  
Response: 66211033  
Conc: 22.84 ng/ml m



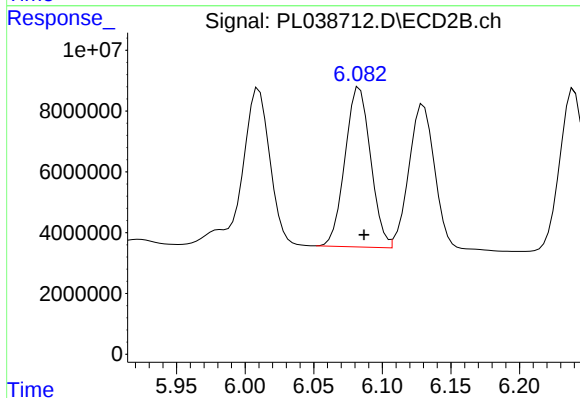
#11 alpha-Chlordane

R.T.: 5.267 min  
Delta R.T.: -0.009 min  
Response: 247703194  
Conc: 26.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

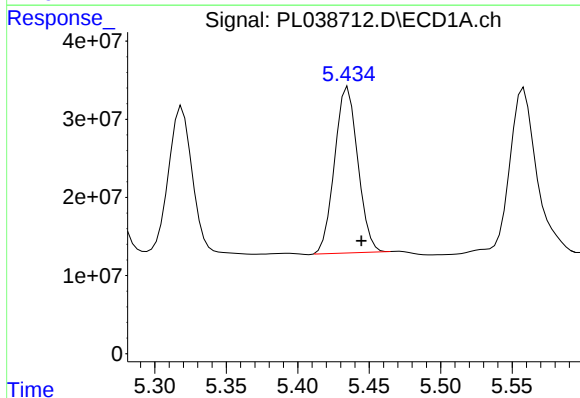
Manual Integrations  
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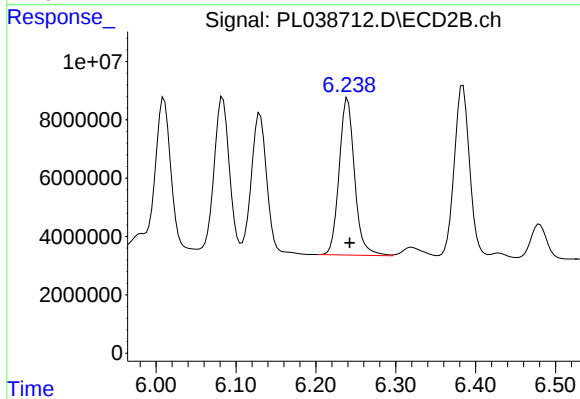
#11 alpha-Chlordane

R.T.: 6.083 min  
Delta R.T.: -0.003 min  
Response: 68367068  
Conc: 23.85 ng/ml



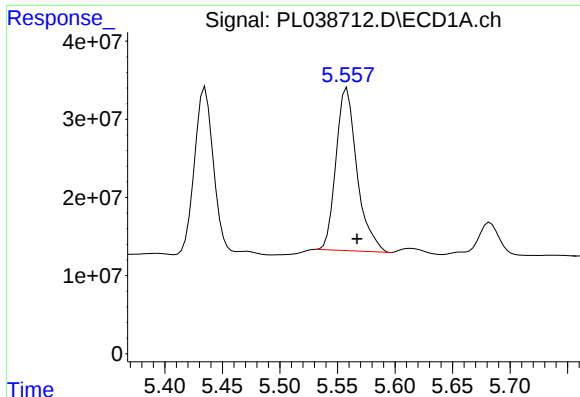
#12 4,4'-DDE

R.T.: 5.435 min  
Delta R.T.: -0.009 min  
Response: 240222025  
Conc: 25.05 ng/ml



#12 4,4'-DDE

R.T.: 6.240 min  
Delta R.T.: -0.003 min  
Response: 72208581  
Conc: 27.00 ng/ml



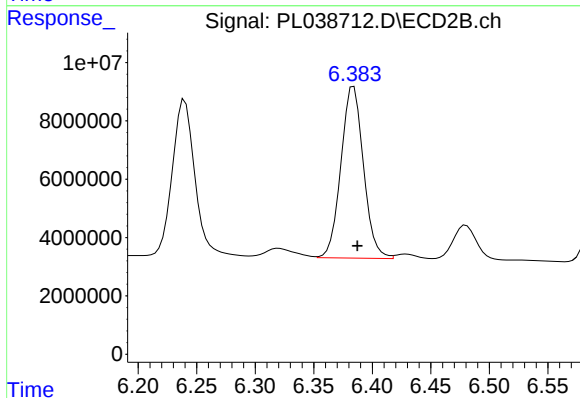
#13 Dieldrin

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 264835522  
Conc: 27.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

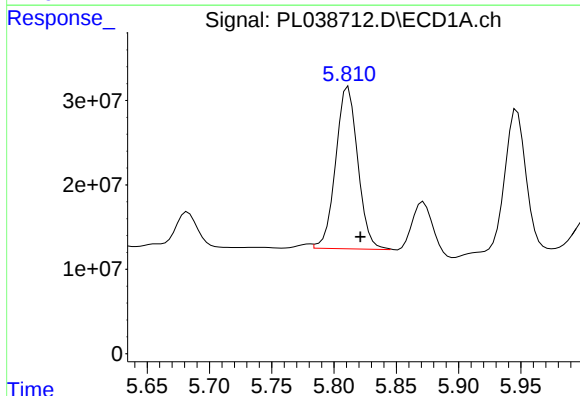
Manual Integrations  
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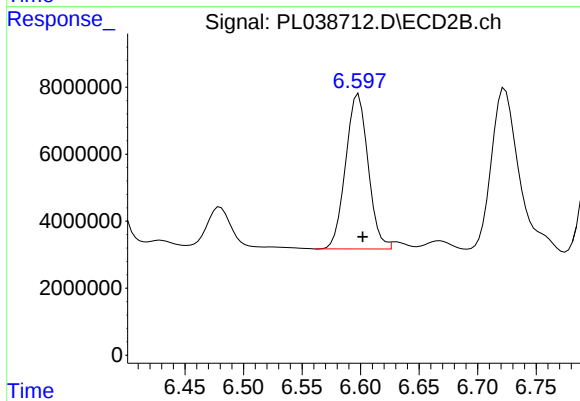
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 78863363  
Conc: 28.97 ng/ml



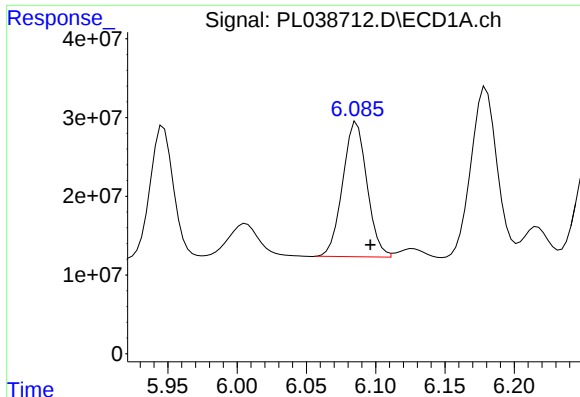
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.011 min  
Response: 236854412  
Conc: 27.26 ng/ml m



#14 Endrin

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 61887946  
Conc: 25.91 ng/ml



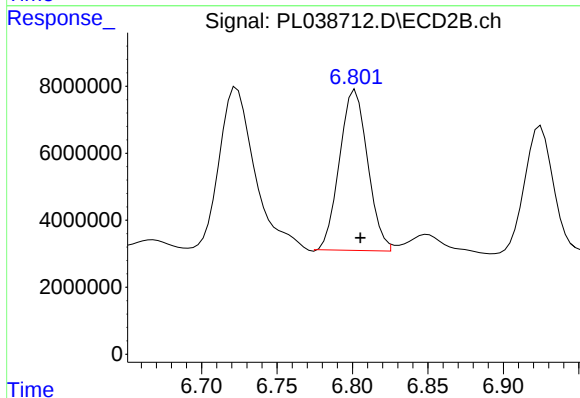
#15 Endosulfan II

R.T.: 6.085 min  
Delta R.T.: -0.011 min  
Response: 210554986  
Conc: 26.55 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

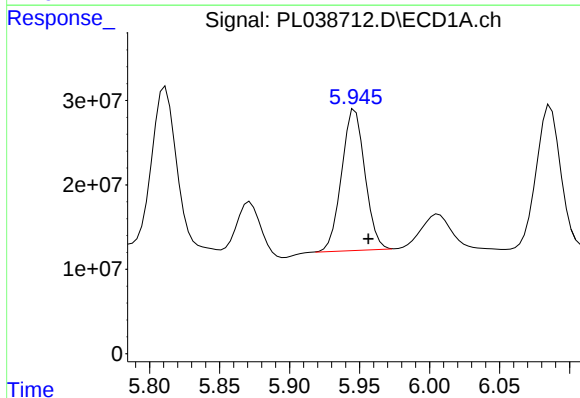
Manual Integrations  
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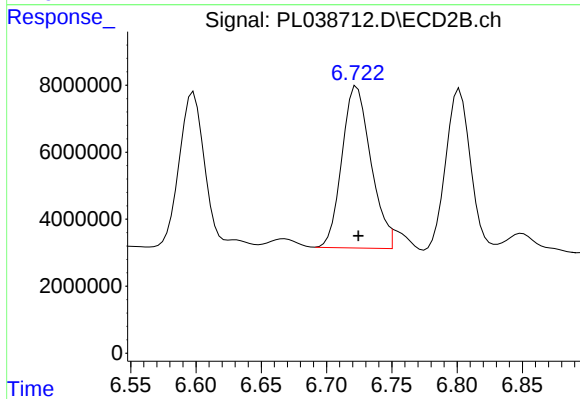
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.005 min  
Response: 62412618  
Conc: 25.99 ng/ml m



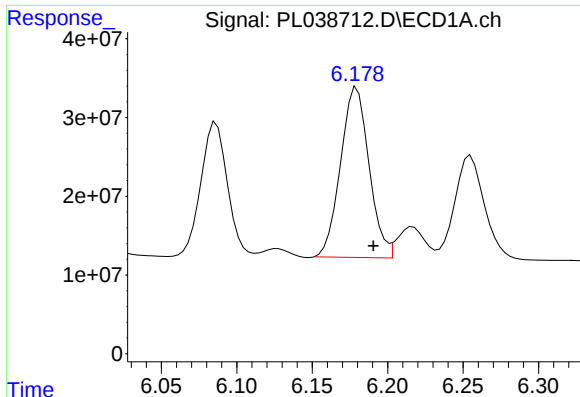
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: -0.011 min  
Response: 193974919  
Conc: 26.44 ng/ml m



#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: -0.003 min  
Response: 74295026  
Conc: 34.71 ng/ml m



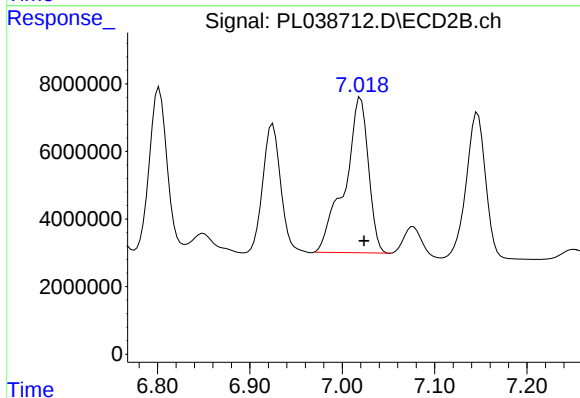
#17 4,4'-DDT

R.T.: 6.180 min  
Delta R.T.: -0.011 min  
Response: 283792698  
Conc: 38.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

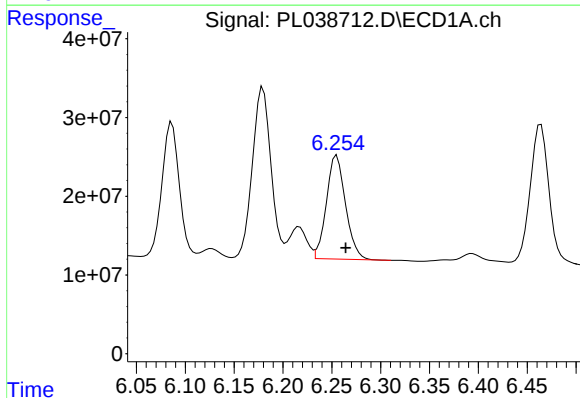
Manual Integrations  
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7/31/2018 1:43:03 PM



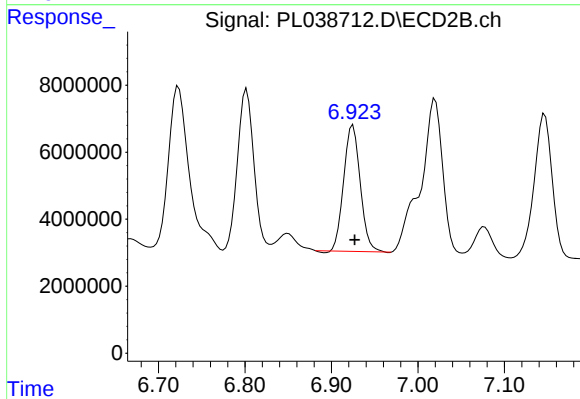
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: -0.004 min  
Response: 81383780  
Conc: 38.17 ng/ml



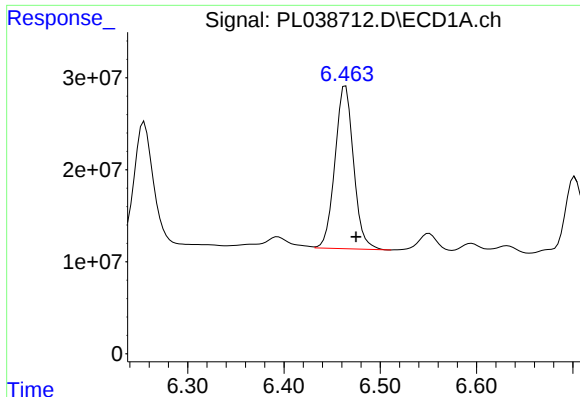
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.009 min  
Response: 179318325  
Conc: 28.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 49578878  
Conc: 25.41 ng/ml



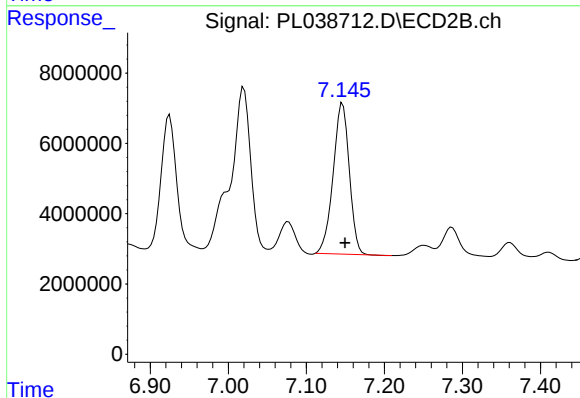
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: -0.011 min  
Response: 236645754  
Conc: 31.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

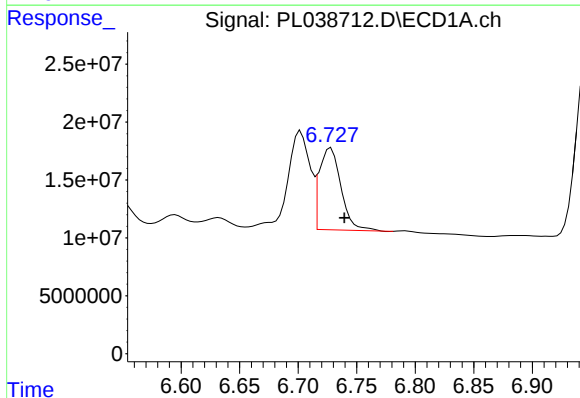
Manual Integrations  
APPROVED

Sohil  
7/31/2018 1:43:03 PM



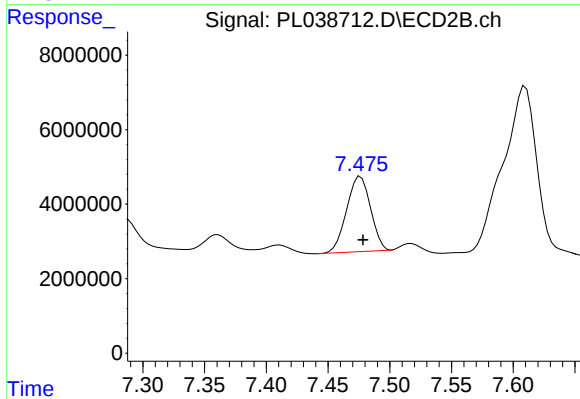
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.003 min  
Response: 61923794  
Conc: 28.41 ng/ml



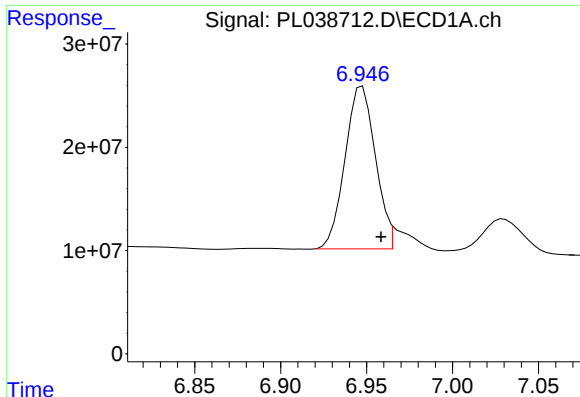
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: -0.012 min  
Response: 90816047  
Conc: 23.60 ng/ml



#20 Methoxychlor

R.T.: 7.476 min  
Delta R.T.: -0.002 min  
Response: 27153481  
Conc: 23.85 ng/ml



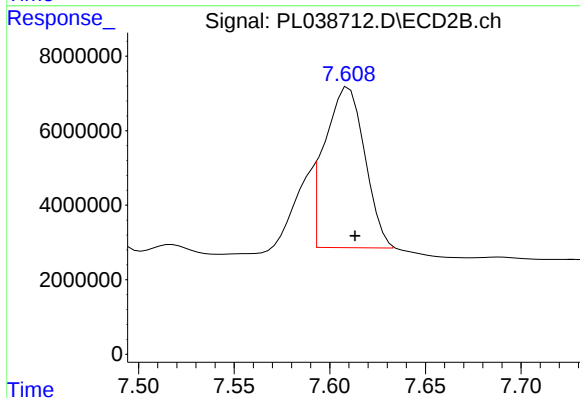
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: -0.012 min  
Response: 197125642  
Conc: 25.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL-1MSD

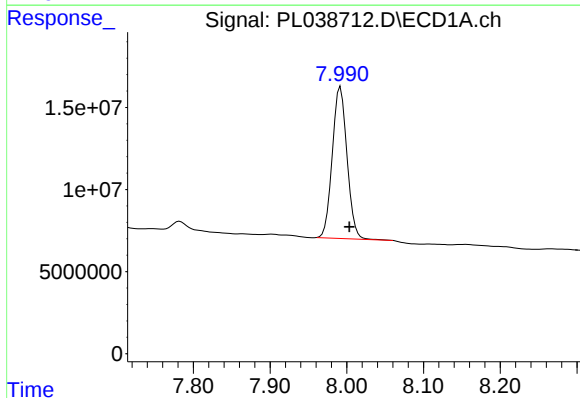
Manual Integrations  
APPROVED

Sohil  
7/31/2018 1:43:03 PM



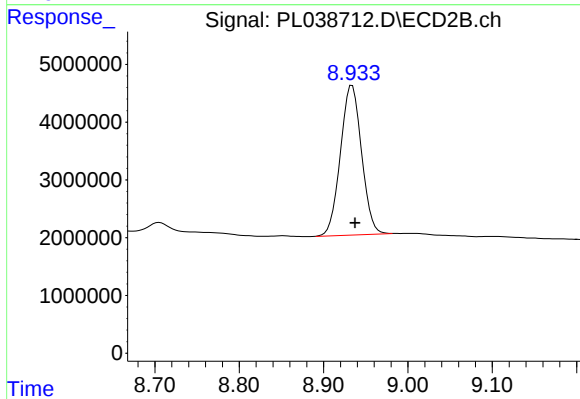
#21 Endrin ketone

R.T.: 7.608 min  
Delta R.T.: -0.005 min  
Response: 60872132  
Conc: 25.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.012 min  
Response: 123037130  
Conc: 16.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.934 min  
Delta R.T.: -0.003 min  
Response: 45165186  
Conc: 18.48 ng/ml