

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
 Data File : PL038676.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2018 18:47  
 Operator : AJ\SJ  
 Sample : J4152-04MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LA-SOIL-1MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 22:53:51 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... | 3.325 | 3.928 | 145.5E6 | 59006618 | 19.544  | 22.479   |
| 28)                         | SA Decachlor... | 7.994 | 8.935 | 151.2E6 | 56489364 | 19.935  | 23.109   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.753 | 4.308 | 618.8E6 | 237.2E6  | 52.372m | 61.295   |
| 3)                          | MA gamma-BHC... | 4.031 | 4.587 | 539.0E6 | 209.3E6  | 51.417  | 57.941   |
| 4)                          | MA Heptachlor   | 4.314 | 5.097 | 532.0E6 | 203.3E6  | 50.011  | 63.617 # |
| 5)                          | MB Aldrin       | 4.553 | 5.400 | 529.5E6 | 188.6E6  | 50.582  | 61.098   |
| 6)                          | B beta-BHC      | 4.284 | 4.749 | 239.2E6 | 93399704 | 50.680  | 61.573   |
| 7)                          | B delta-BHC     | 4.478 | 4.963 | 563.6E6 | 207.9E6  | 51.922  | 62.680   |
| 8)                          | B Heptachlo...  | 4.990 | 5.780 | 500.6E6 | 172.3E6  | 53.099  | 60.640   |
| 9)                          | A Endosulfan I  | 5.320 | 6.132 | 466.7E6 | 154.8E6  | 53.957  | 60.176   |
| 10)                         | B gamma-Chl...  | 5.212 | 6.013 | 521.2E6 | 168.8E6  | 52.732  | 58.208   |
| 11)                         | B alpha-Chl...  | 5.268 | 6.086 | 503.4E6 | 169.2E6  | 53.179  | 59.047   |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.242 | 508.7E6 | 163.2E6  | 53.054  | 61.035   |
| 13)                         | MA Dieldrin     | 5.558 | 6.385 | 518.4E6 | 165.6E6  | 53.946m | 60.827m  |
| 14)                         | MA Endrin       | 5.813 | 6.599 | 479.4E6 | 141.2E6  | 55.174  | 59.123m  |
| 15)                         | B Endosulfa...  | 6.089 | 6.804 | 456.8E6 | 143.9E6  | 57.599  | 59.916   |
| 16)                         | A 4,4'-DDD      | 5.947 | 6.724 | 417.0E6 | 128.3E6  | 56.852m | 59.918   |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.022 | 399.4E6 | 124.5E6  | 53.769  | 58.415   |
| 18)                         | B Endrin al...  | 6.256 | 6.927 | 362.1E6 | 123.3E6  | 56.873  | 63.195   |
| 19)                         | B Endosulfa...  | 6.467 | 7.149 | 440.6E6 | 136.5E6  | 58.329  | 62.637   |
| 20)                         | A Methoxychlor  | 6.731 | 7.478 | 214.8E6 | 70789205 | 55.824  | 62.169   |
| 21)                         | B Endrin ke...  | 6.951 | 7.613 | 474.0E6 | 148.4E6  | 60.410  | 62.260   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
Data File : PL038676.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2018 18:47  
Operator : AJ\SJ  
Sample : J4152-04MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

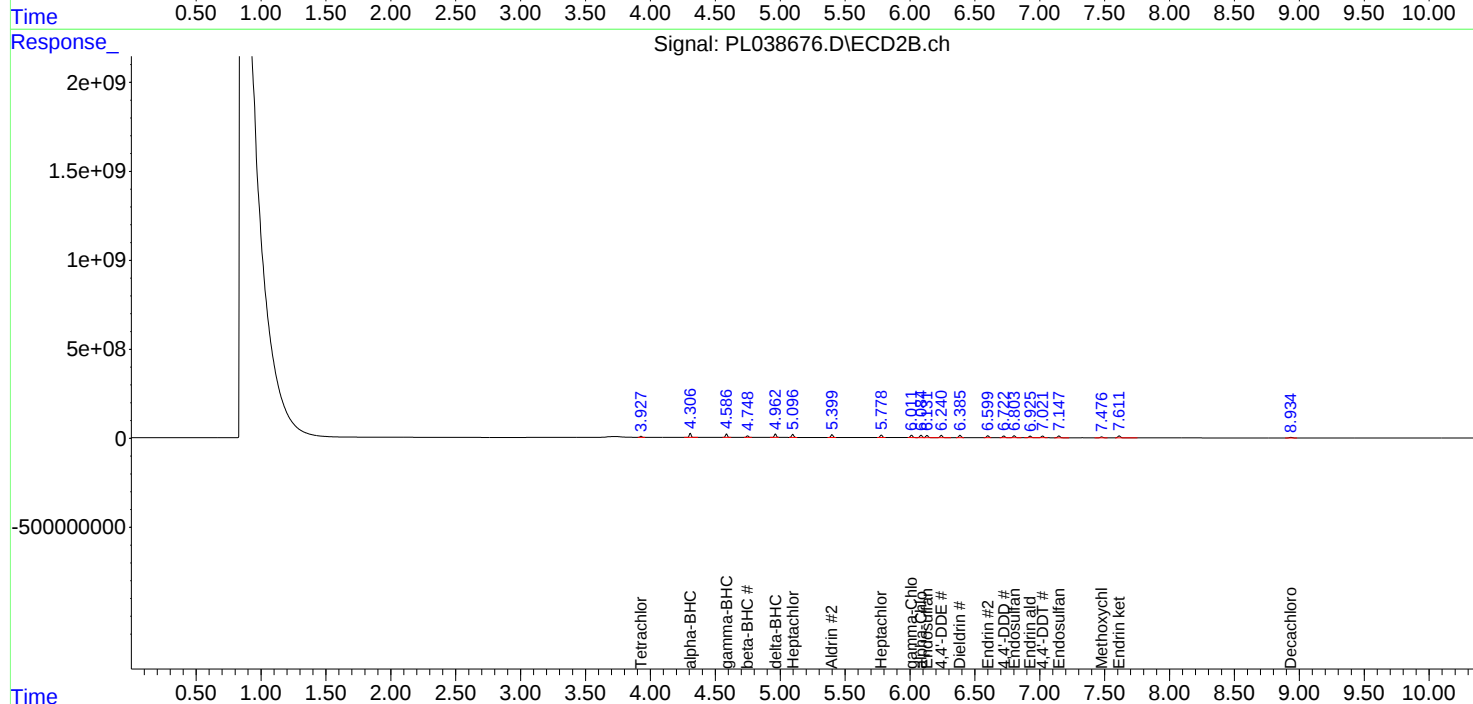
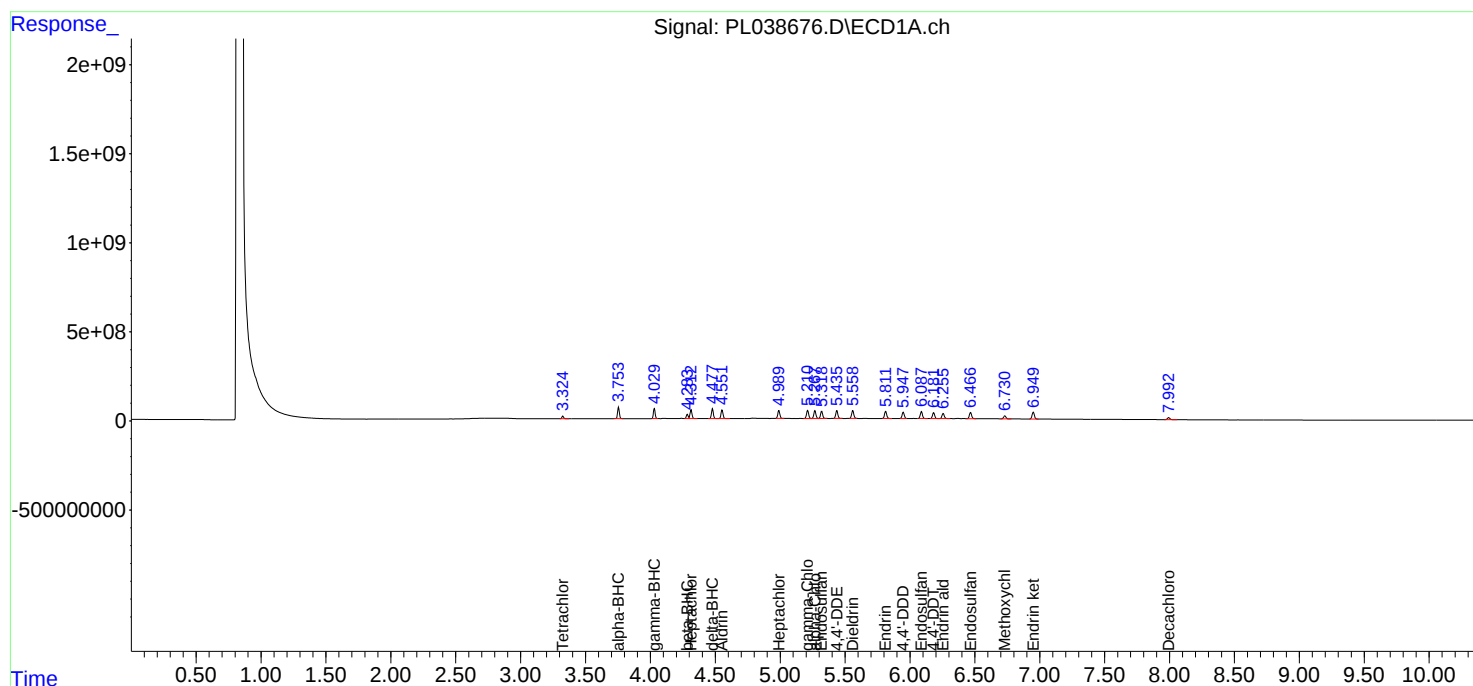
Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

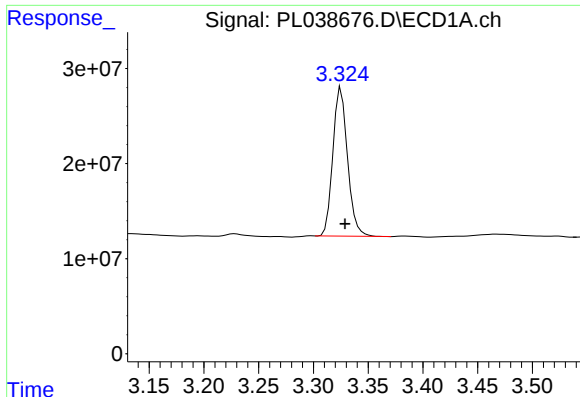
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 22:53:51 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





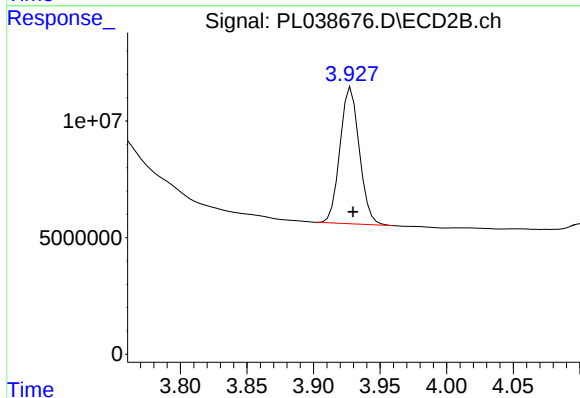
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 145533429  
Conc: 19.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

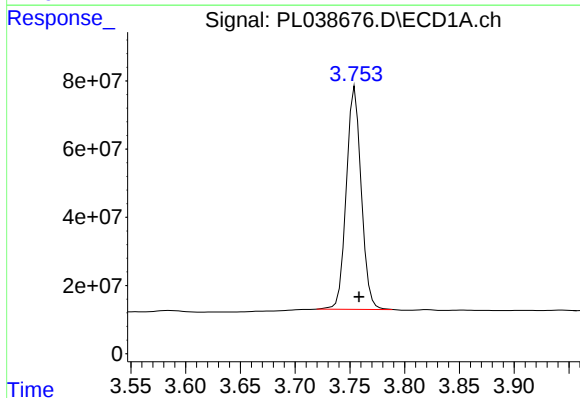
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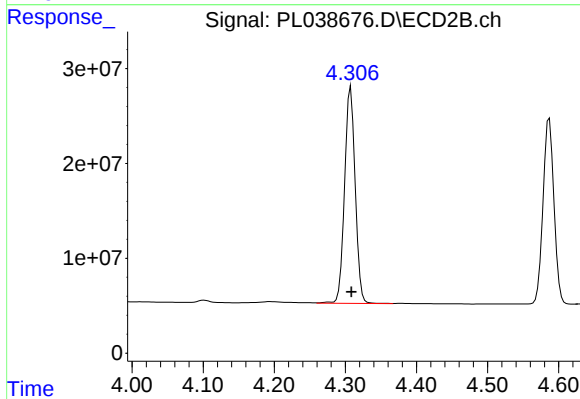
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 59006618  
Conc: 22.48 ng/ml



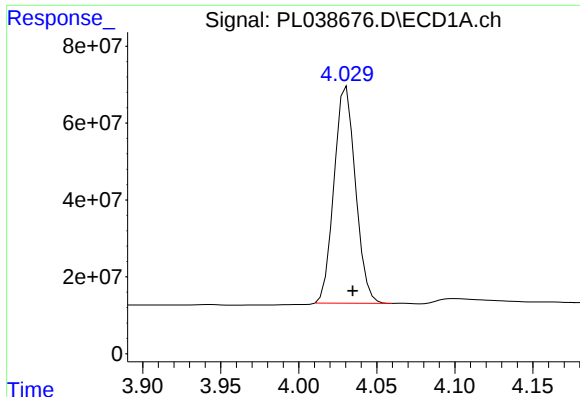
#2 alpha-BHC

R.T.: 3.753 min  
Delta R.T.: -0.005 min  
Response: 618791779  
Conc: 52.37 ng/ml m



#2 alpha-BHC

R.T.: 4.308 min  
Delta R.T.: 0.000 min  
Response: 237219618  
Conc: 61.29 ng/ml



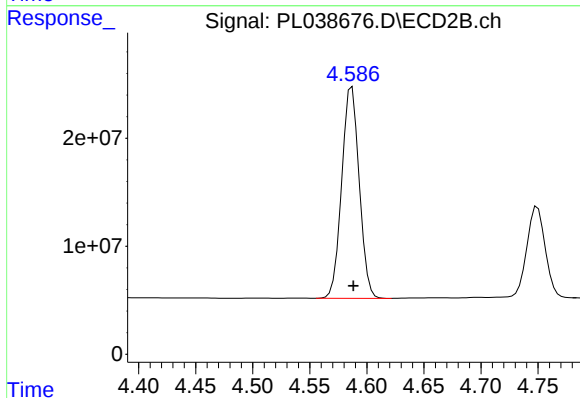
#3 gamma-BHC (Lindane)

R.T.: 4.031 min  
Delta R.T.: -0.004 min  
Response: 539042756  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

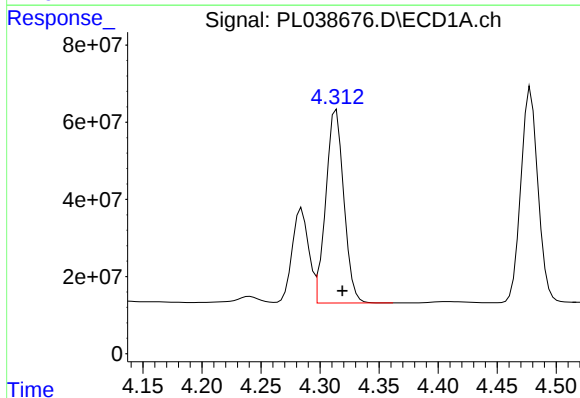
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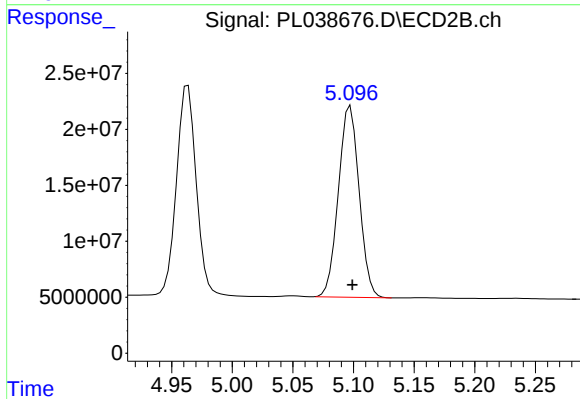
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.001 min  
Response: 209271518  
Conc: 57.94 ng/ml



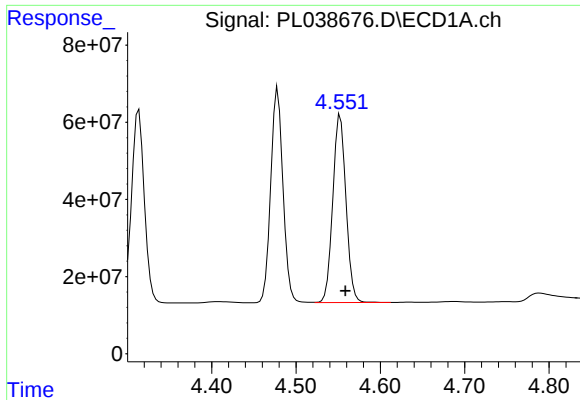
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 531990074  
Conc: 50.01 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 203335170  
Conc: 63.62 ng/ml



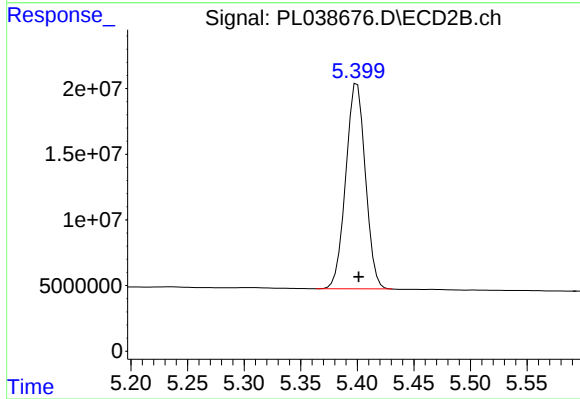
#5 Aldrin

R.T.: 4.553 min  
Delta R.T.: -0.006 min  
Response: 529457100  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

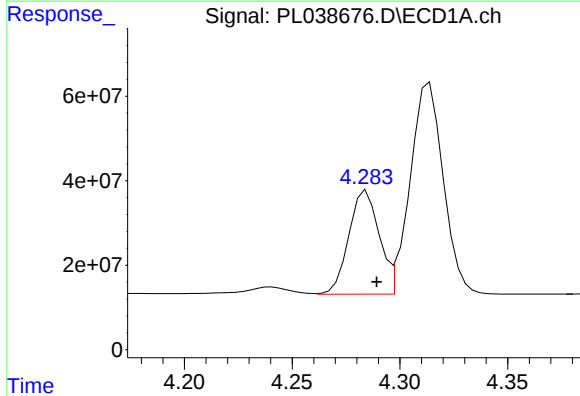
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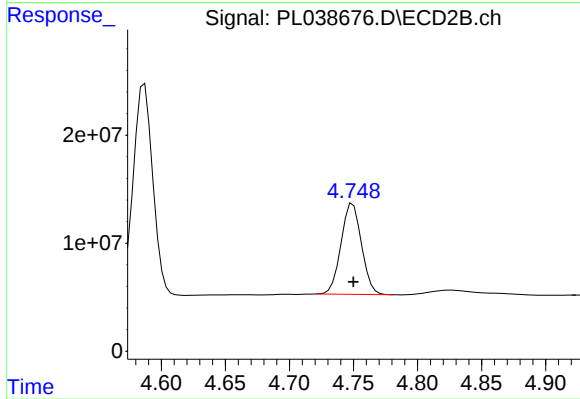
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.001 min  
Response: 188562501  
Conc: 61.10 ng/ml



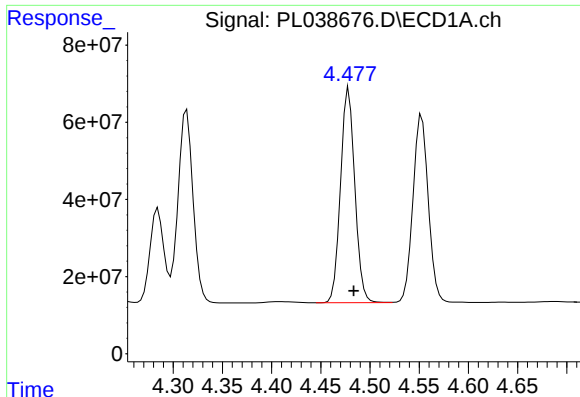
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 239224888  
Conc: 50.68 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 93399704  
Conc: 61.57 ng/ml



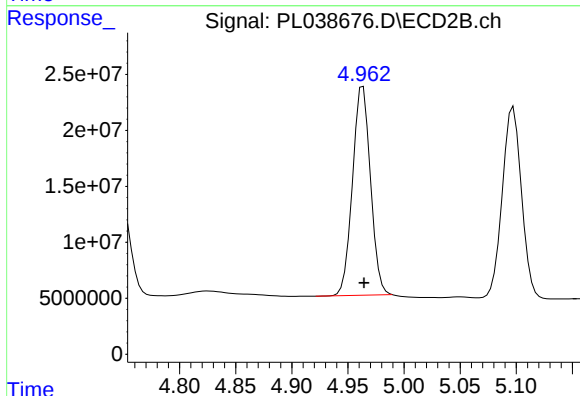
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.005 min  
Response: 563570376  
Conc: 51.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

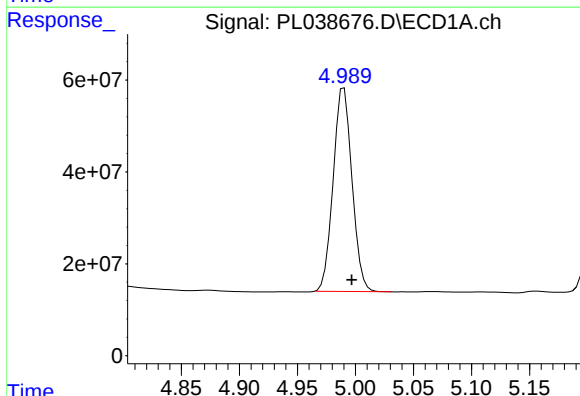
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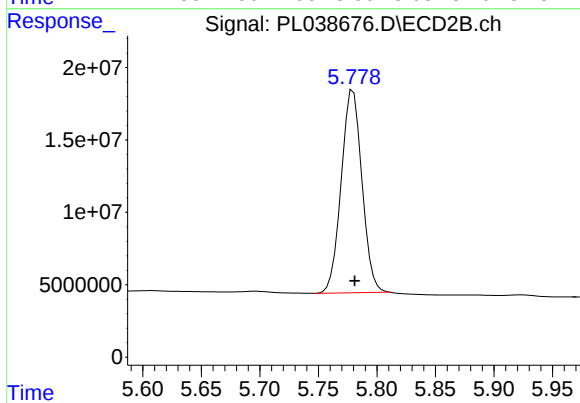
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 207885948  
Conc: 62.68 ng/ml



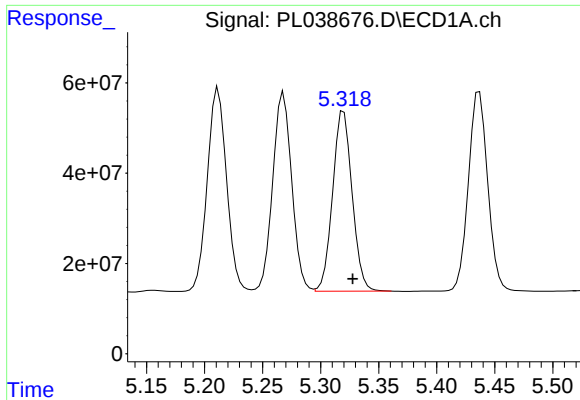
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.007 min  
Response: 500639331  
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 172333551  
Conc: 60.64 ng/ml



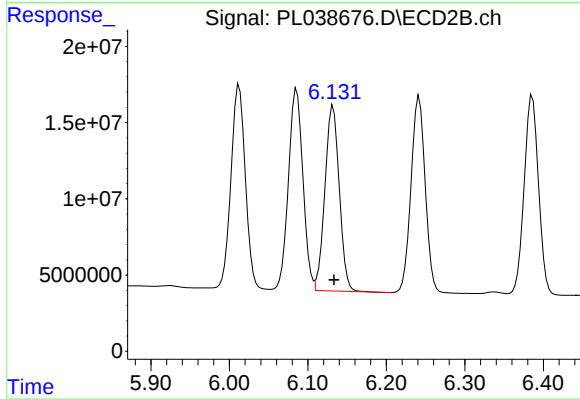
#9 Endosulfan I

R.T.: 5.320 min  
Delta R.T.: -0.008 min  
Response: 466713843  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

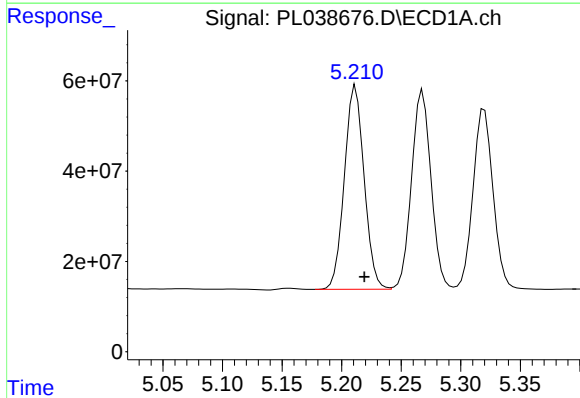
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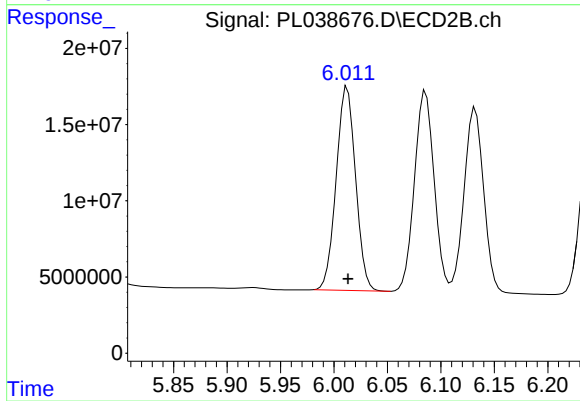
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.001 min  
Response: 154758671  
Conc: 60.18 ng/ml



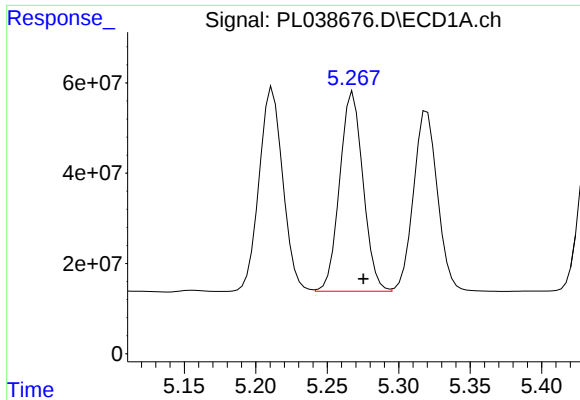
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.007 min  
Response: 521204581  
Conc: 52.73 ng/ml



#10 gamma-Chlordane

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 168759036  
Conc: 58.21 ng/ml



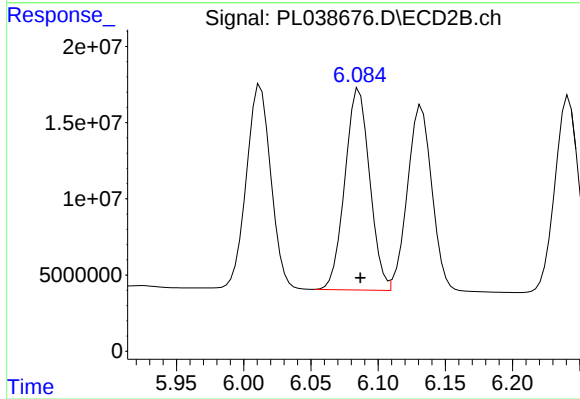
#11 alpha-Chlordane

R.T.: 5.268 min  
Delta R.T.: -0.007 min  
Response: 503376432  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

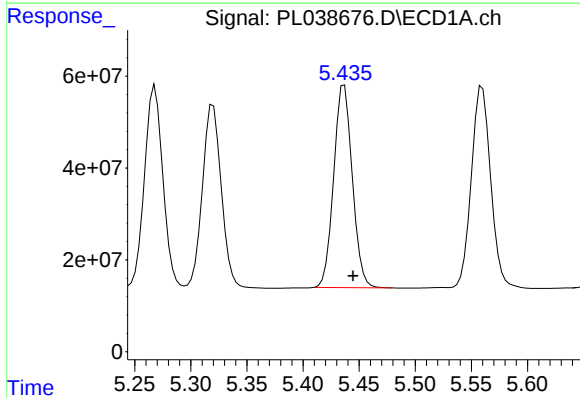
Manual Integrations  
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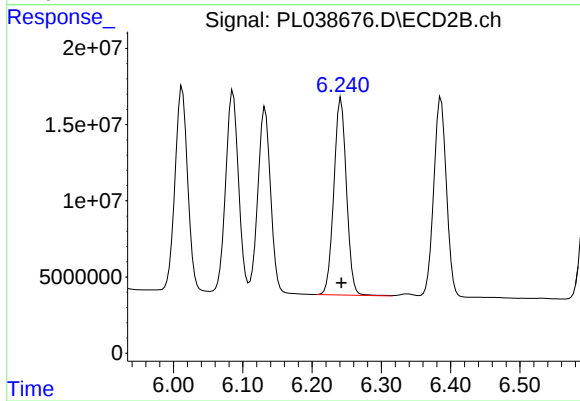
#11 alpha-Chlordane

R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 169243090  
Conc: 59.05 ng/ml



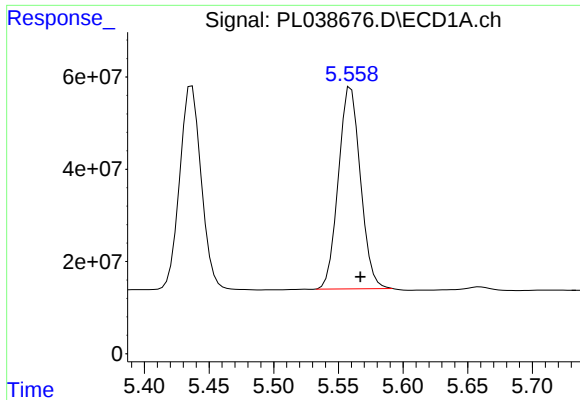
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.008 min  
Response: 508673505  
Conc: 53.05 ng/ml



#12 4,4'-DDE

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 163211368  
Conc: 61.03 ng/ml



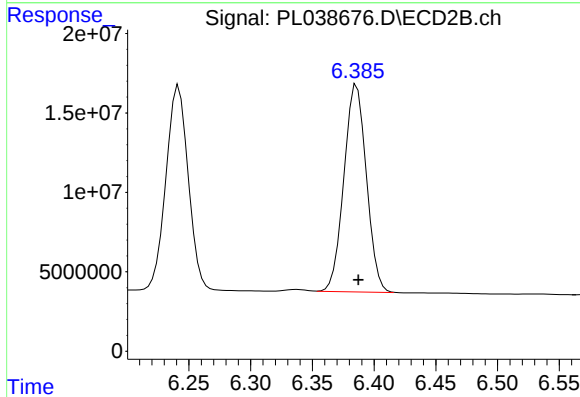
#13 Dieldrin

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 518432693  
Conc: 53.95 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

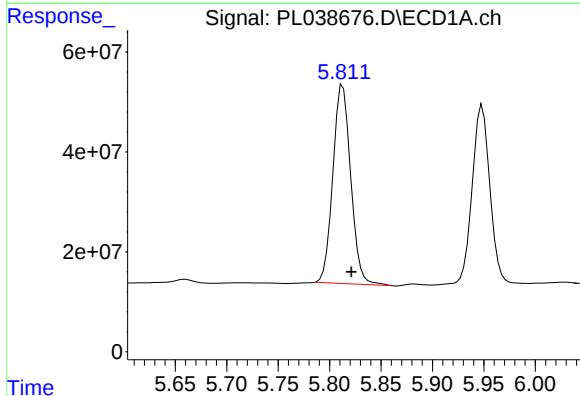
Manual Integrations  
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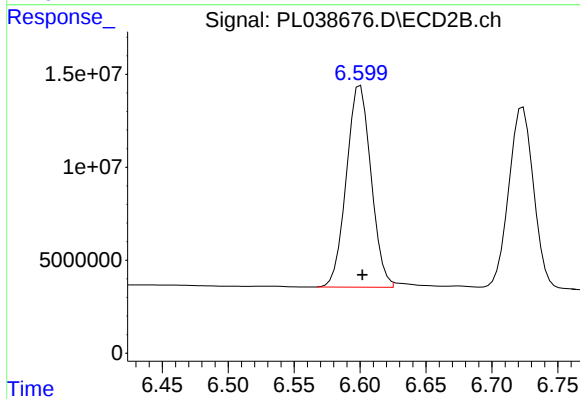
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.003 min  
Response: 165557084  
Conc: 60.83 ng/ml m



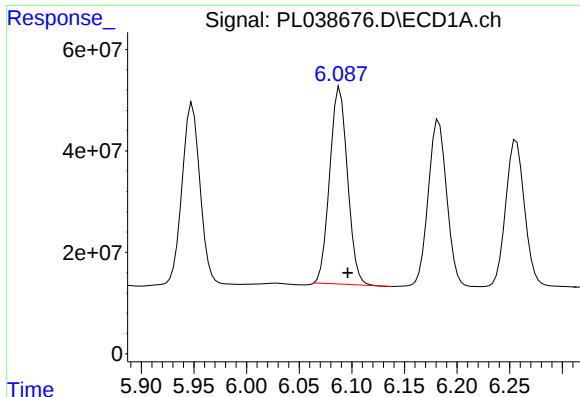
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 479376343  
Conc: 55.17 ng/ml



#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 141193739  
Conc: 59.12 ng/ml m



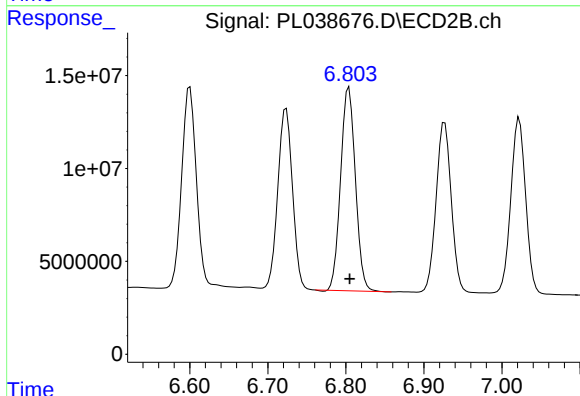
#15 Endosulfan II

R.T.: 6.089 min  
Delta R.T.: -0.008 min  
Response: 456768117  
Conc: 57.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

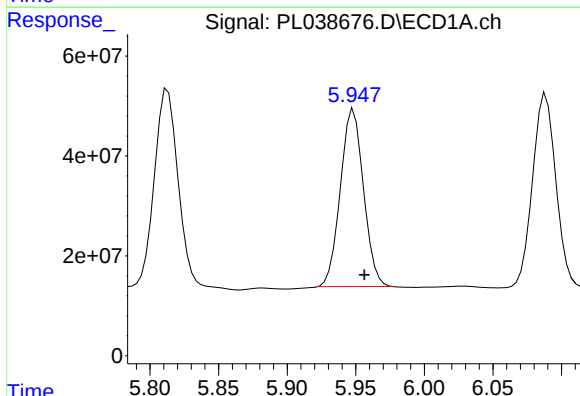
Manual Integrations  
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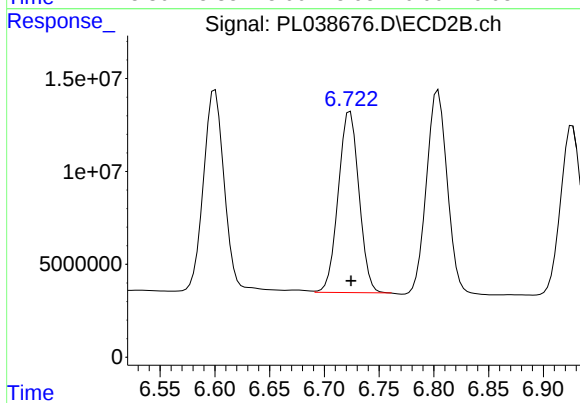
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: -0.001 min  
Response: 143881904  
Conc: 59.92 ng/ml



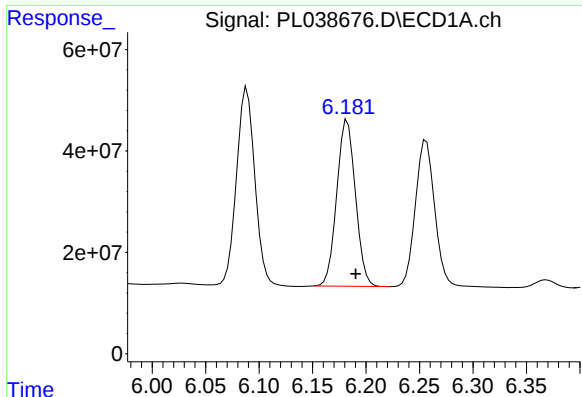
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.009 min  
Response: 417042384  
Conc: 56.85 ng/ml m



#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 128250062  
Conc: 59.92 ng/ml



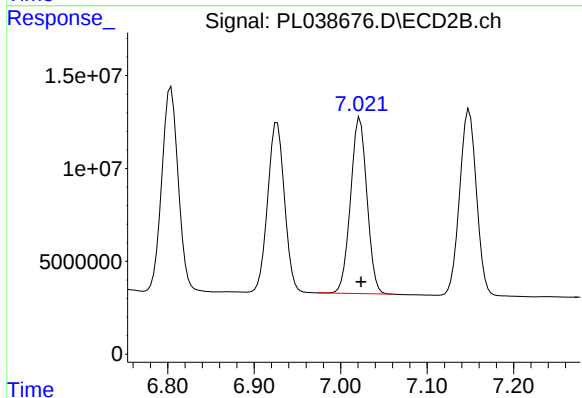
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.008 min  
Response: 399430419  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

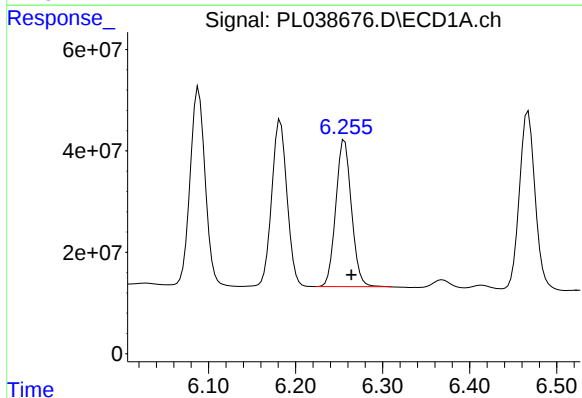
Manual Integrations  
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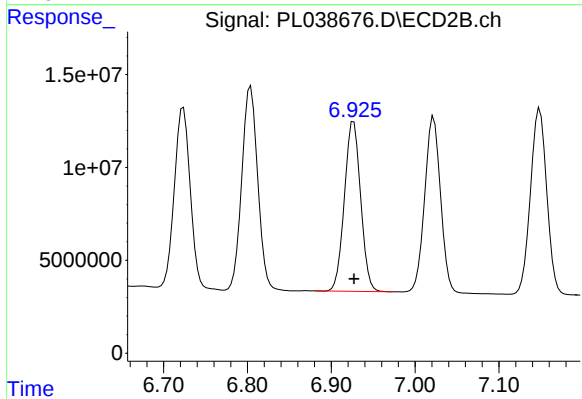
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.001 min  
Response: 124542145  
Conc: 58.41 ng/ml



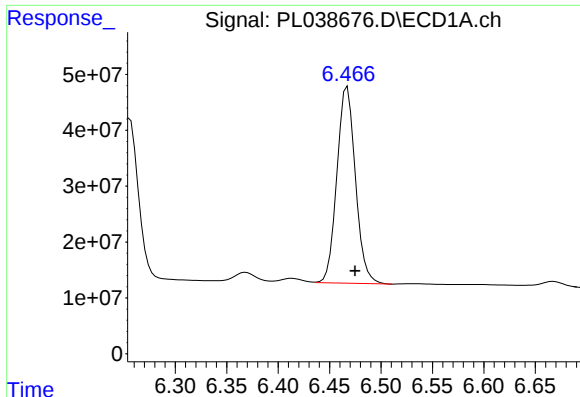
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.008 min  
Response: 362145896  
Conc: 56.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 123316247  
Conc: 63.19 ng/ml



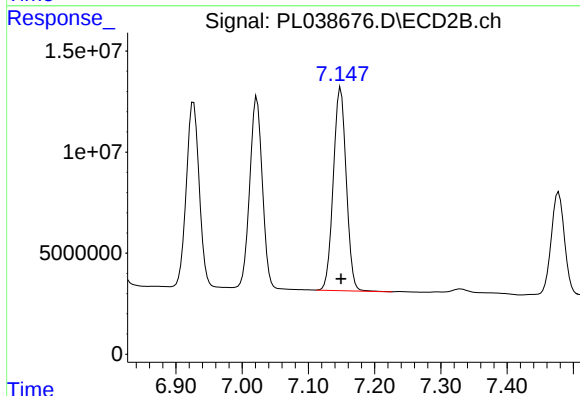
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: -0.008 min  
Response: 440577262  
Conc: 58.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

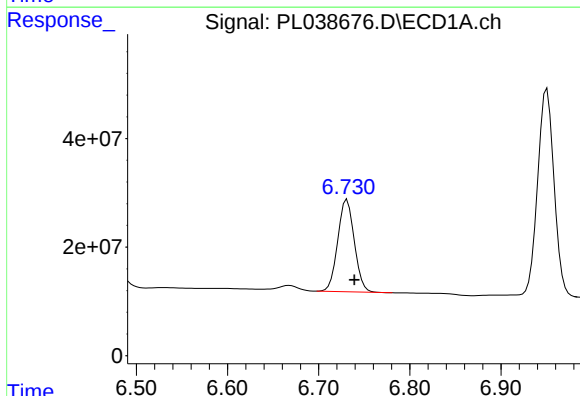
Manual Integrations  
APPROVED

Sohil  
7/30/2018 12:37:25 PM



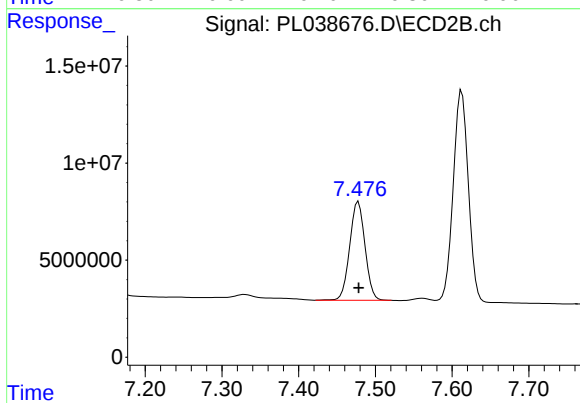
#19 Endosulfan Sulfate

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 136535995  
Conc: 62.64 ng/ml



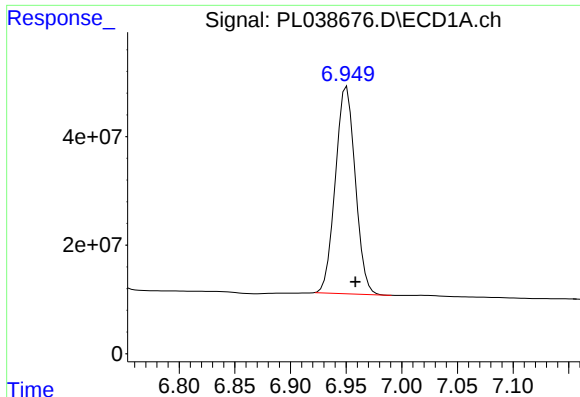
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.008 min  
Response: 214781782  
Conc: 55.82 ng/ml



#20 Methoxychlor

R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 70789205  
Conc: 62.17 ng/ml



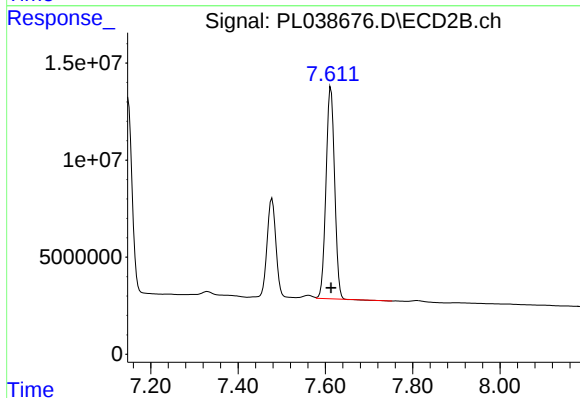
#21 Endrin ketone

R.T.: 6.951 min  
Delta R.T.: -0.008 min  
Response: 473975619  
Conc: 60.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LA-SOIL-1MS

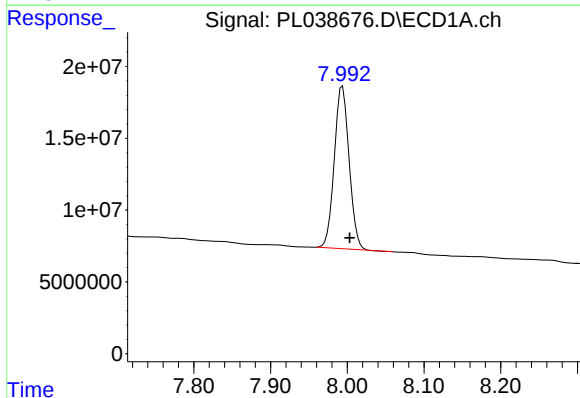
Manual Integrations  
APPROVED

Sohil  
7/30/2018 12:37:25 PM



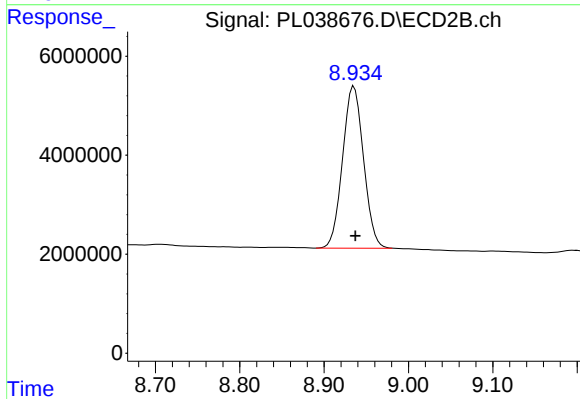
#21 Endrin ketone

R.T.: 7.613 min  
Delta R.T.: 0.000 min  
Response: 148397675  
Conc: 62.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.010 min  
Response: 151225651  
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 56489364  
Conc: 23.11 ng/ml