

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071020\  
 Data File : PL059810.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2020 19:37  
 Operator : DD\AJ  
 Sample : L3216-02  
 Misc : LOQ 5 PPB  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2020

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 04:39:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.466 | 4.013 | 43362265 | 59524293 | 22.418 | 22.460 |
| 28)                         | SA Decachlor... | 8.232 | 9.106 | 39256729 | 50390995 | 23.863 | 24.094 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.903 | 4.402 | 14523738 | 18255488 | 5.053  | 4.729  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.688 | 12265529 | 17602438 | 4.967m | 4.853  |
| 4)                          | MA Heptachlor   | 4.491 | 5.200 | 11653849 | 19014110 | 5.196  | 5.652  |
| 5)                          | MB Aldrin       | 4.740 | 5.506 | 9925840  | 16219058 | 5.030  | 5.207  |
| 6)                          | B beta-BHC      | 4.438 | 4.857 | 5701925  | 7588668  | 5.583  | 5.019m |
| 7)                          | B delta-BHC     | 4.643 | 5.074 | 10283479 | 13156747 | 4.626  | 4.223m |
| 8)                          | B Heptachlo...  | 5.183 | 5.894 | 9741507  | 13278582 | 5.307  | 4.930  |
| 9)                          | A Endosulfan I  | 5.523 | 6.252 | 9017807  | 14543464 | 5.360  | 5.452  |
| 10)                         | B gamma-Chl...  | 5.410 | 6.128 | 9596294  | 15265158 | 5.290m | 5.331m |
| 11)                         | B alpha-Chl...  | 5.470 | 6.202 | 9602202  | 15642742 | 5.325  | 5.471  |
| 12)                         | B 4,4'-DDE      | 5.636 | 6.359 | 8278205  | 13596182 | 4.971  | 5.079  |
| 13)                         | MA Dieldrin     | 5.766 | 6.510 | 9026616  | 14570137 | 5.116  | 5.267  |
| 14)                         | MA Endrin       | 6.024 | 6.729 | 8700505  | 12210458 | 5.977  | 5.738  |
| 15)                         | B Endosulfa...  | 6.297 | 6.938 | 9429997  | 14387268 | 5.646  | 5.728  |
| 16)                         | A 4,4'-DDD      | 6.152 | 6.851 | 7619566  | 13069772 | 4.991  | 5.694  |
| 17)                         | MA 4,4'-DDT     | 6.393 | 7.151 | 5911166  | 9656052  | 4.546  | 4.904  |
| 18)                         | B Endrin al...  | 6.465 | 7.063 | 8034312  | 11947257 | 5.632  | 5.501  |
| 19)                         | B Endosulfa...  | 6.679 | 7.286 | 8911855  | 12984259 | 5.421  | 5.551  |
| 20)                         | A Methoxychlor  | 6.942 | 7.611 | 3821377  | 6148060  | 5.109  | 5.416  |
| 21)                         | B Endrin ke...  | 7.170 | 7.759 | 9752887  | 13576633 | 5.197  | 5.257  |
| 22)                         | Mirex           | 7.360 | 8.215 | 9248907  | 10857688 | 6.501  | 5.875  |
| -----                       |                 |       |       |          |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071020\  
Data File : PL059810.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2020 19:37  
Operator : DD\AJ  
Sample : L3216-02  
Misc : LOQ 5 PPB  
ALS Vial : 26 Sample Multiplier: 1

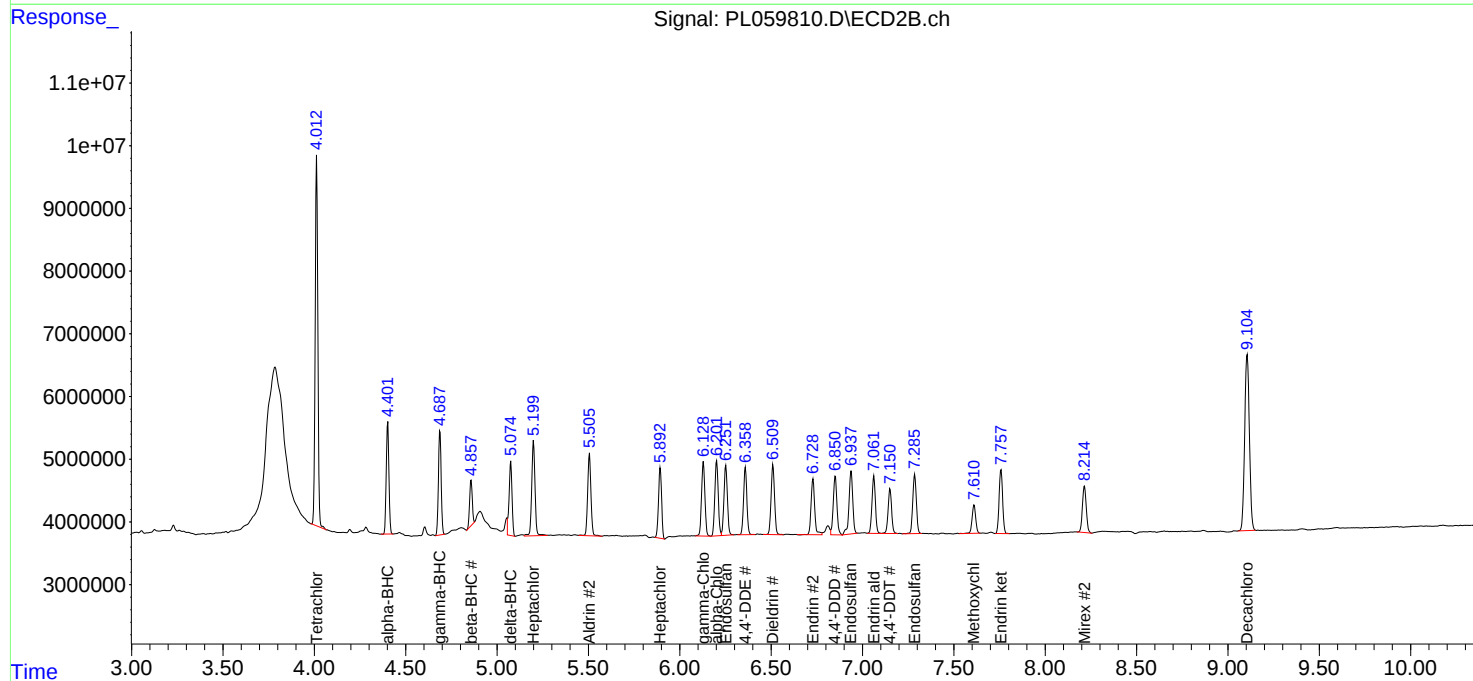
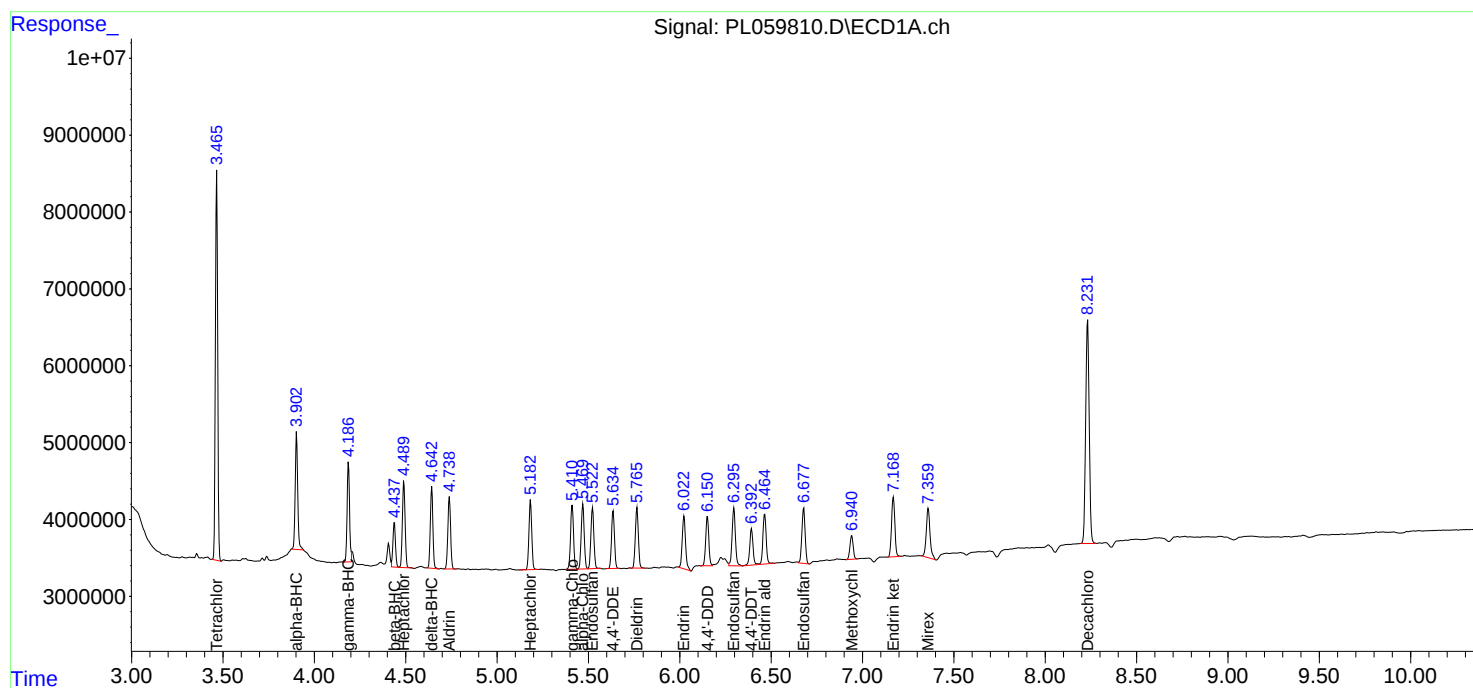
Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

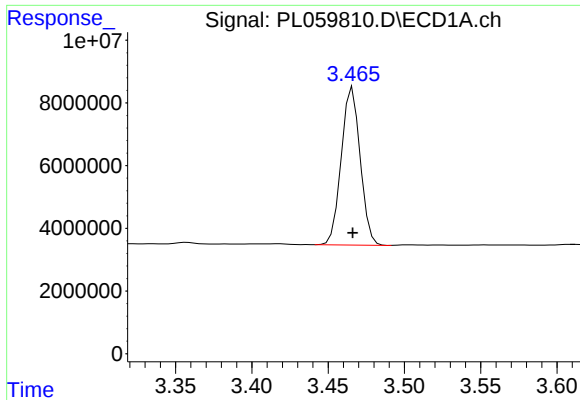
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 04:39:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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





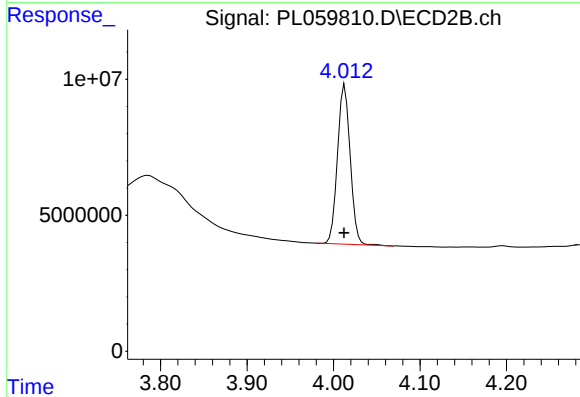
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 43362265  
Conc: 22.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

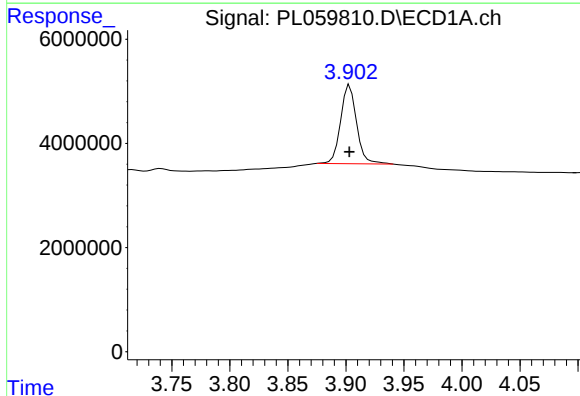
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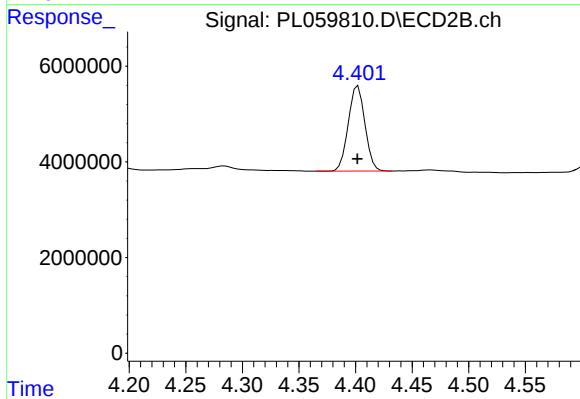
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 59524293  
Conc: 22.46 ng/ml



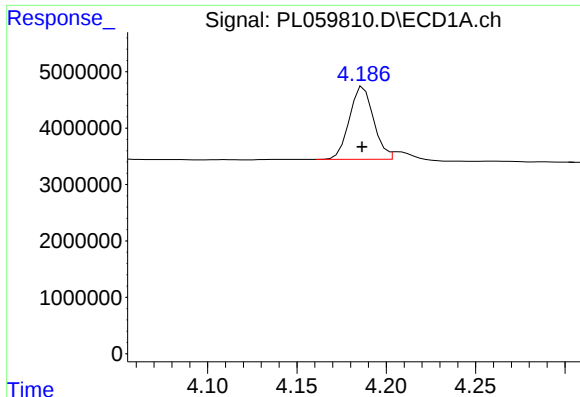
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 14523738  
Conc: 5.05 ng/ml



#2 alpha-BHC

R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 18255488  
Conc: 4.73 ng/ml



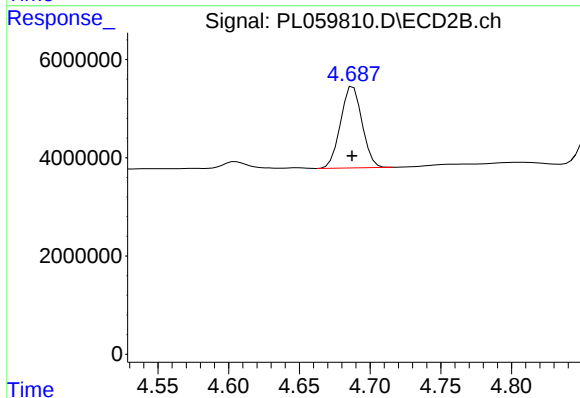
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 12265529  
Conc: 4.97 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

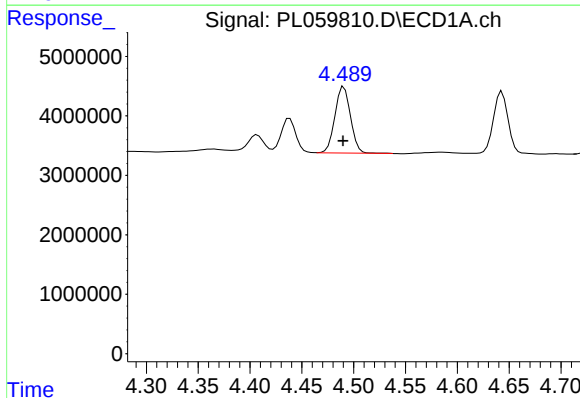
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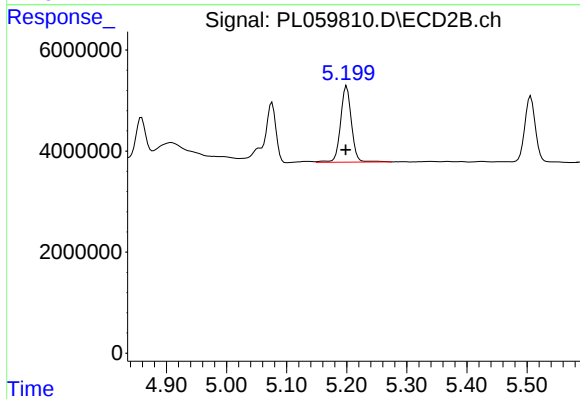
#3 gamma-BHC (Lindane)

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 17602438  
Conc: 4.85 ng/ml



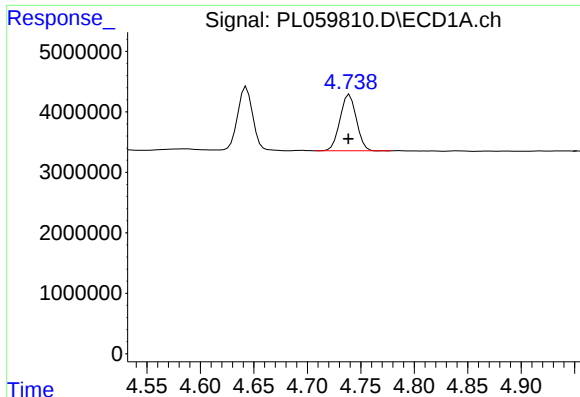
#4 Heptachlor

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 11653849  
Conc: 5.20 ng/ml



#4 Heptachlor

R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 19014110  
Conc: 5.65 ng/ml



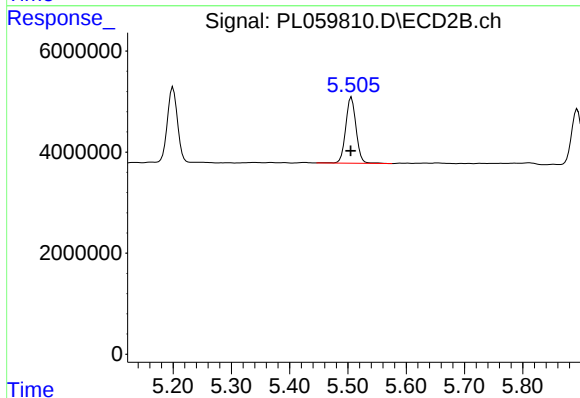
#5 Aldrin

R.T.: 4.740 min  
Delta R.T.: 0.001 min  
Response: 9925840  
Conc: 5.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

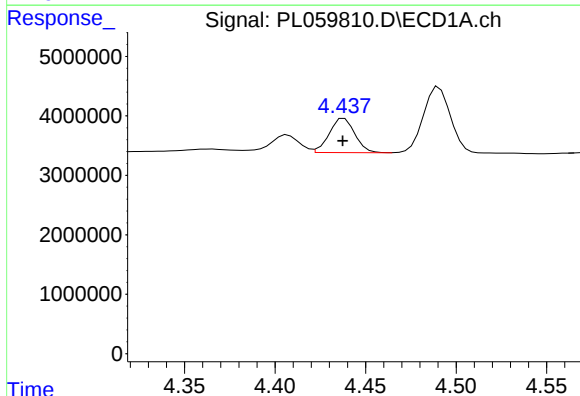
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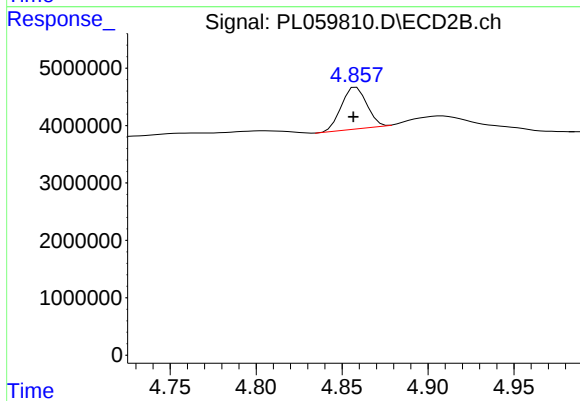
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.001 min  
Response: 16219058  
Conc: 5.21 ng/ml



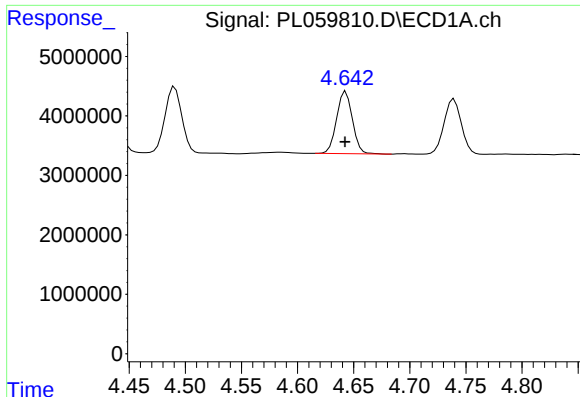
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 5701925  
Conc: 5.58 ng/ml



#6 beta-BHC

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 7588668  
Conc: 5.02 ng/ml m



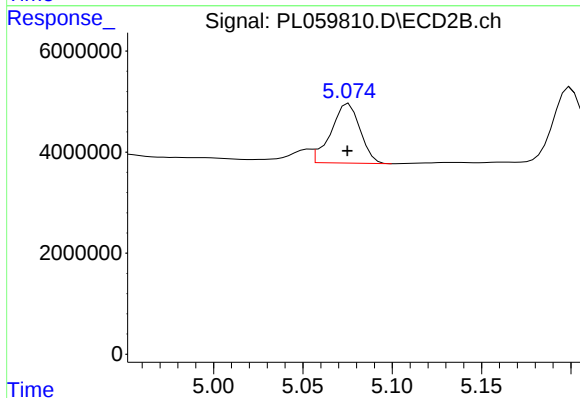
#7 delta-BHC

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 10283479  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

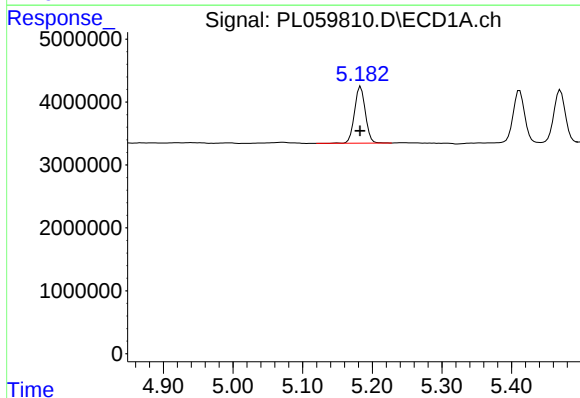
Manual Integrations  
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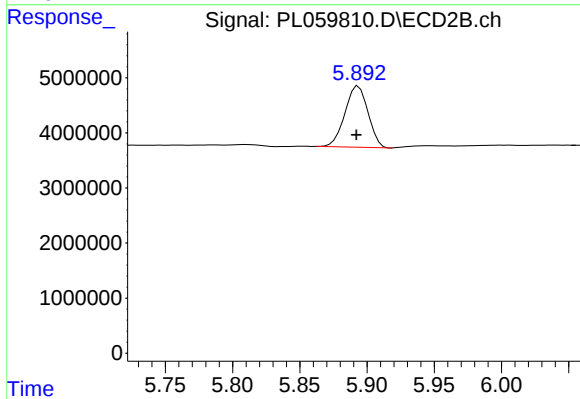
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 13156747  
Conc: 4.22 ng/ml m



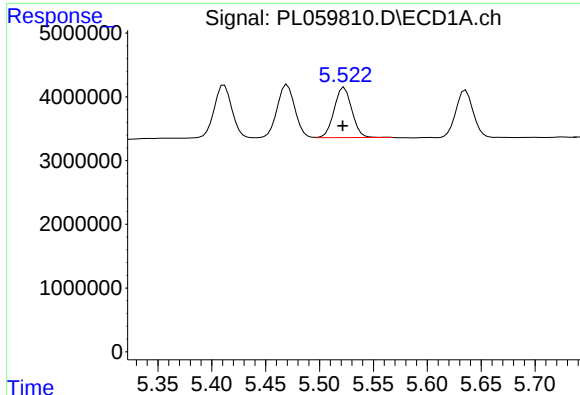
#8 Heptachlor epoxide

R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 9741507  
Conc: 5.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.001 min  
Response: 13278582  
Conc: 4.93 ng/ml



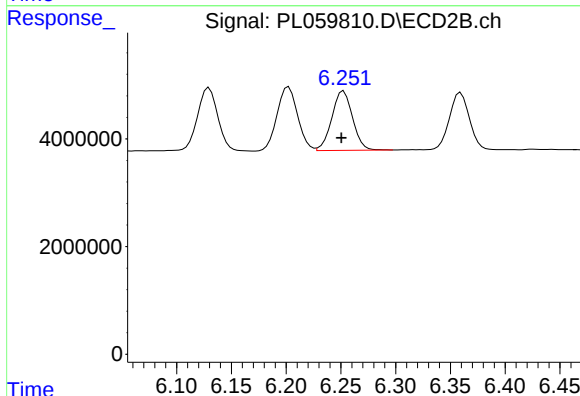
#9 Endosulfan I

R.T.: 5.523 min  
Delta R.T.: 0.001 min  
Response: 9017807  
Conc: 5.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

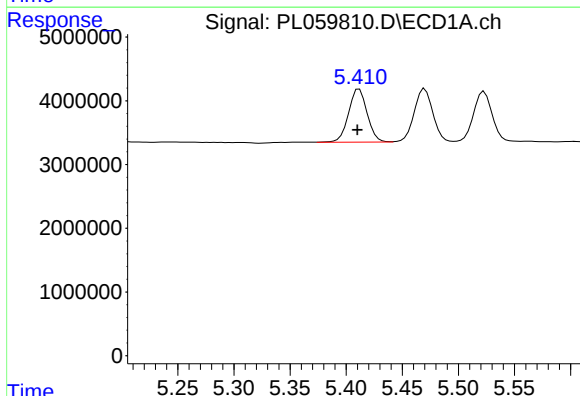
Manual Integrations  
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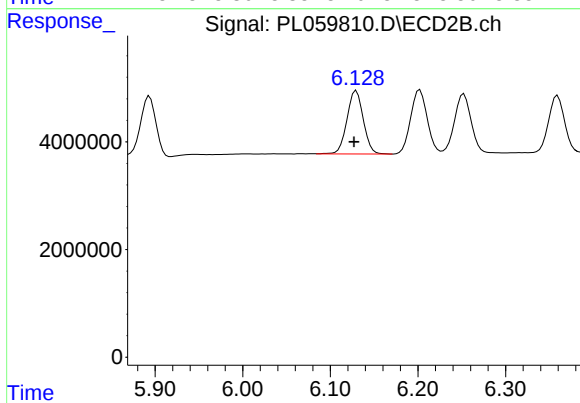
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.002 min  
Response: 14543464  
Conc: 5.45 ng/ml



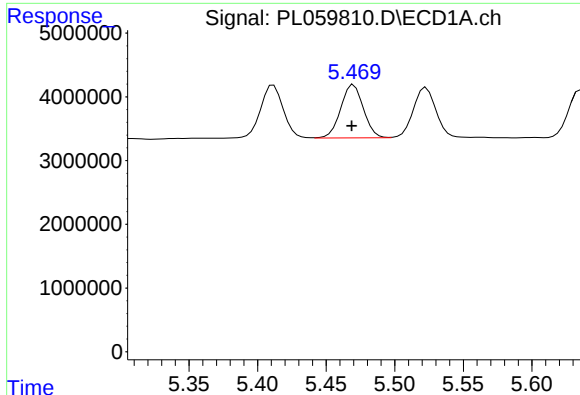
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 9596294  
Conc: 5.29 ng/ml m



#10 gamma-Chlordane

R.T.: 6.128 min  
Delta R.T.: 0.001 min  
Response: 15265158  
Conc: 5.33 ng/ml m



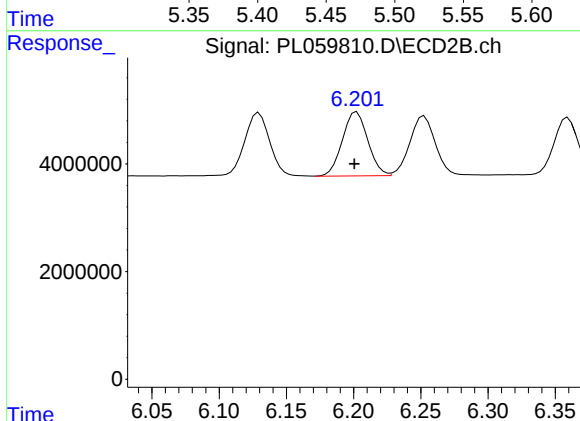
#11 alpha-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.002 min  
Response: 9602202  
Conc: 5.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

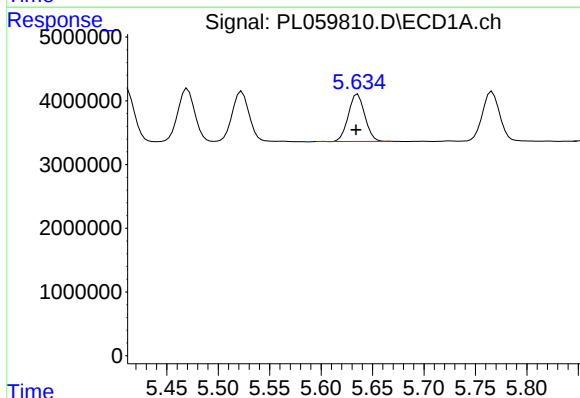
Manual Integrations  
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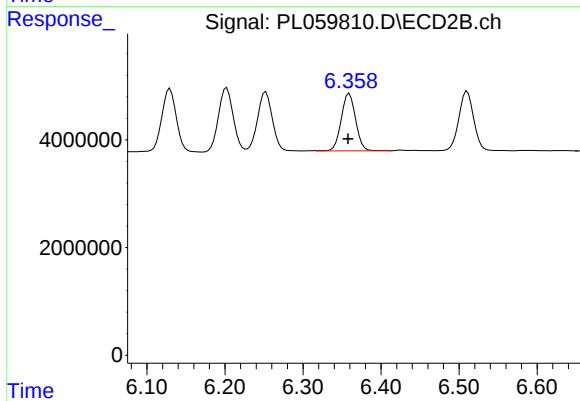
#11 alpha-Chlordane

R.T.: 6.202 min  
Delta R.T.: 0.002 min  
Response: 15642742  
Conc: 5.47 ng/ml



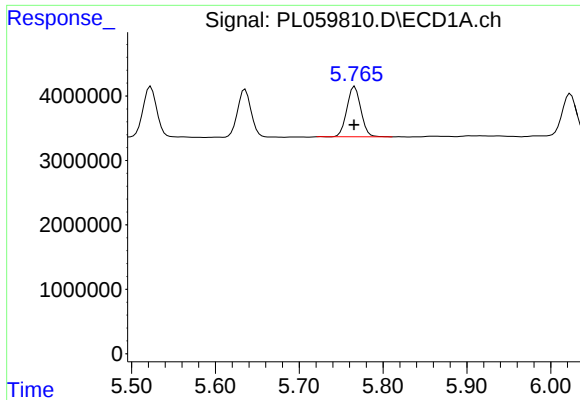
#12 4,4'-DDE

R.T.: 5.636 min  
Delta R.T.: 0.002 min  
Response: 8278205  
Conc: 4.97 ng/ml



#12 4,4'-DDE

R.T.: 6.359 min  
Delta R.T.: 0.002 min  
Response: 13596182  
Conc: 5.08 ng/ml



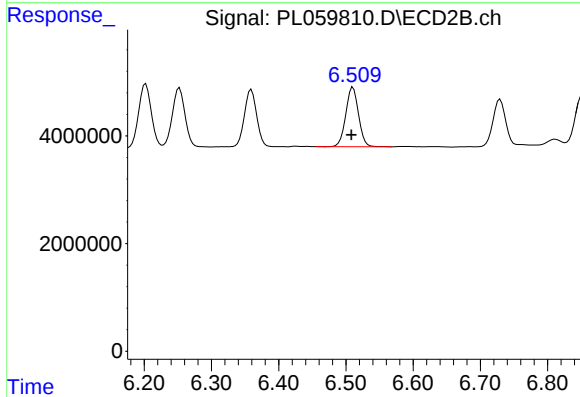
#13 Dieldrin

R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 9026616  
Conc: 5.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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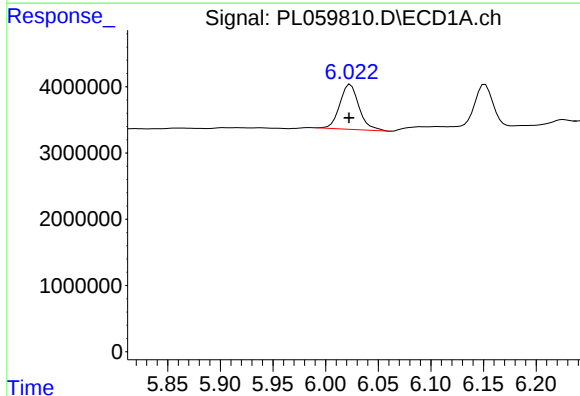
Manual Integrations  
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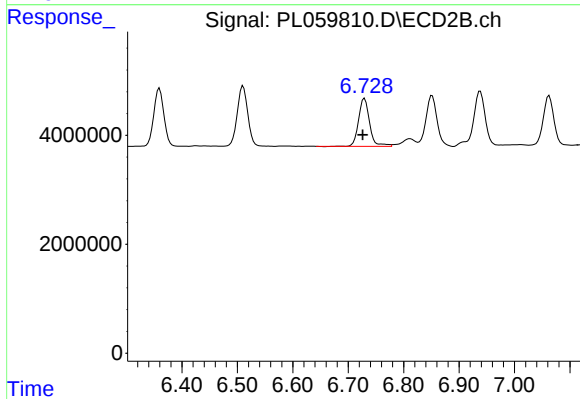
#13 Dieldrin

R.T.: 6.510 min  
Delta R.T.: 0.002 min  
Response: 14570137  
Conc: 5.27 ng/ml



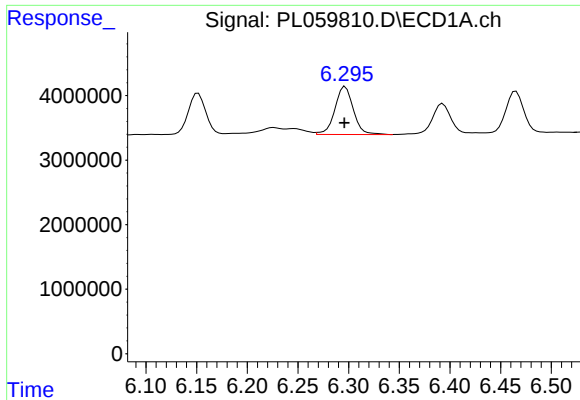
#14 Endrin

R.T.: 6.024 min  
Delta R.T.: 0.001 min  
Response: 8700505  
Conc: 5.98 ng/ml



#14 Endrin

R.T.: 6.729 min  
Delta R.T.: 0.003 min  
Response: 12210458  
Conc: 5.74 ng/ml



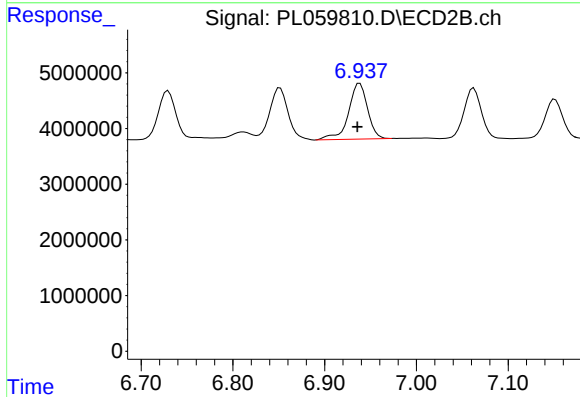
#15 Endosulfan II

R.T.: 6.297 min  
Delta R.T.: 0.001 min  
Response: 9429997  
Conc: 5.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

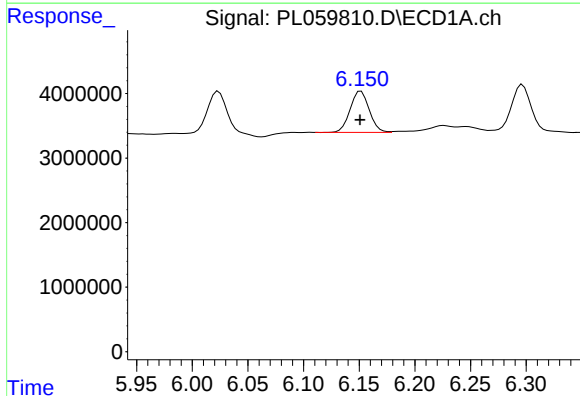
Manual Integrations  
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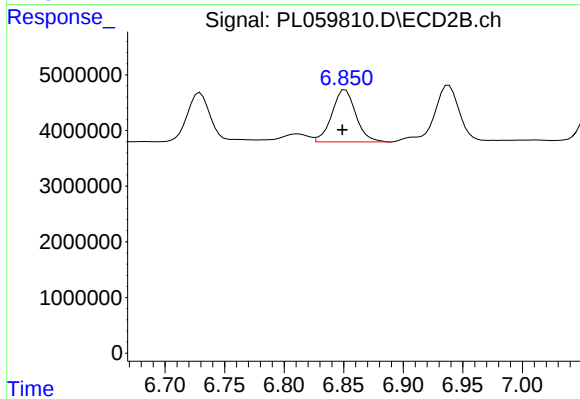
#15 Endosulfan II

R.T.: 6.938 min  
Delta R.T.: 0.003 min  
Response: 14387268  
Conc: 5.73 ng/ml



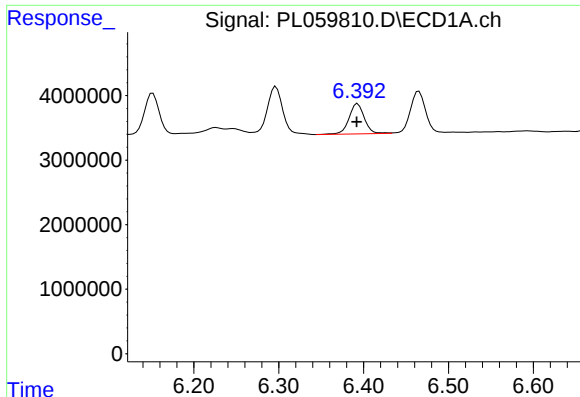
#16 4,4'-DDD

R.T.: 6.152 min  
Delta R.T.: 0.000 min  
Response: 7619566  
Conc: 4.99 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min  
Delta R.T.: 0.003 min  
Response: 13069772  
Conc: 5.69 ng/ml



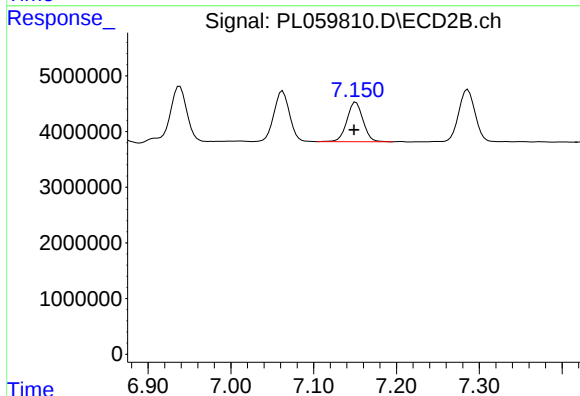
#17 4,4'-DDT

R.T.: 6.393 min  
Delta R.T.: 0.001 min  
Response: 5911166  
Conc: 4.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

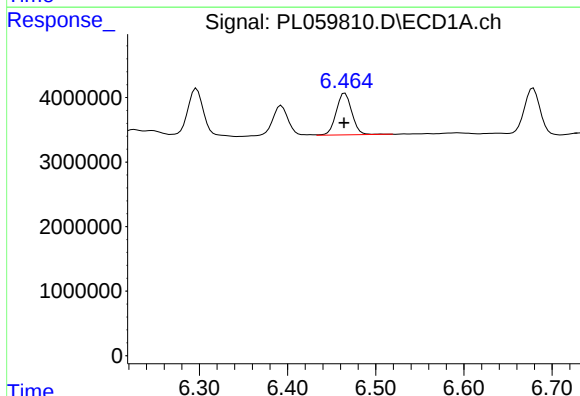
Manual Integrations  
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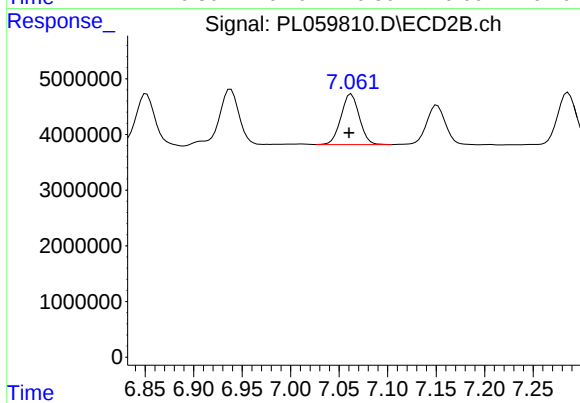
#17 4,4'-DDT

R.T.: 7.151 min  
Delta R.T.: 0.002 min  
Response: 9656052  
Conc: 4.90 ng/ml



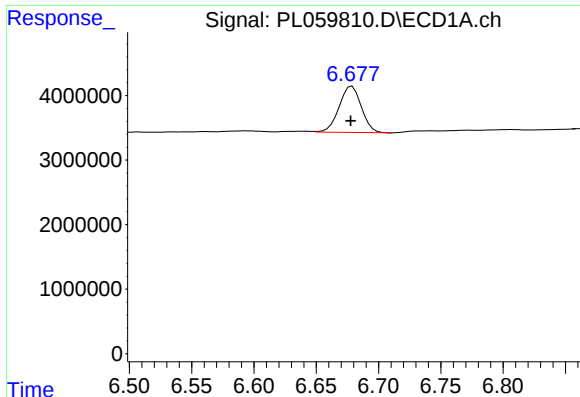
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: 0.001 min  
Response: 8034312  
Conc: 5.63 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min  
Delta R.T.: 0.002 min  
Response: 11947257  
Conc: 5.50 ng/ml



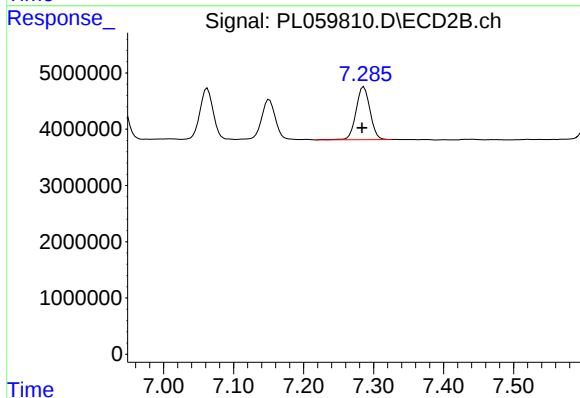
#19 Endosulfan Sulfate

R.T.: 6.679 min  
Delta R.T.: 0.001 min  
Response: 8911855  
Conc: 5.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

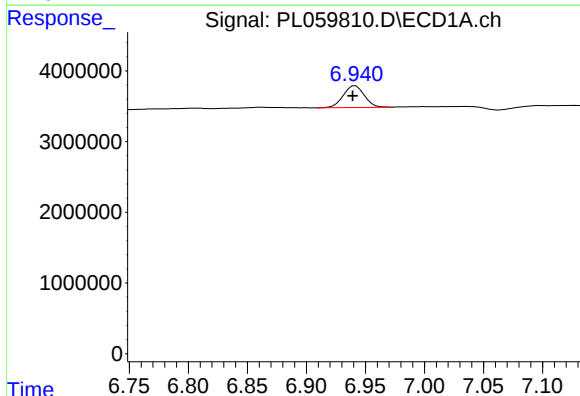
Manual Integrations  
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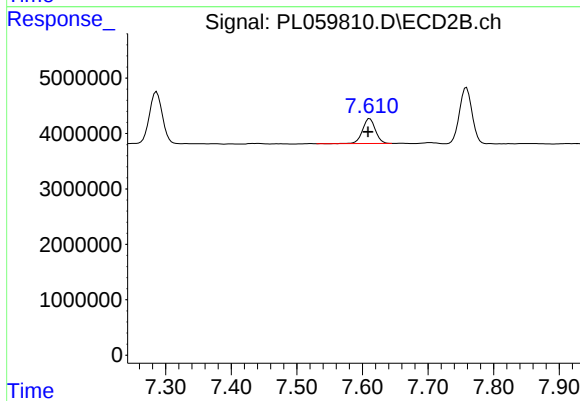
#19 Endosulfan Sulfate

R.T.: 7.286 min  
Delta R.T.: 0.003 min  
Response: 12984259  
Conc: 5.55 ng/ml



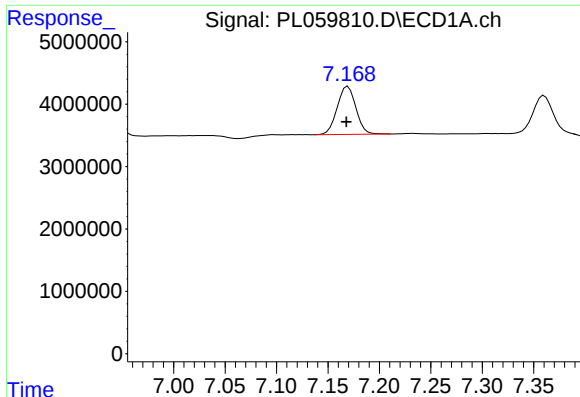
#20 Methoxychlor

R.T.: 6.942 min  
Delta R.T.: 0.002 min  
Response: 3821377  
Conc: 5.11 ng/ml



#20 Methoxychlor

R.T.: 7.611 min  
Delta R.T.: 0.003 min  
Response: 6148060  
Conc: 5.42 ng/ml



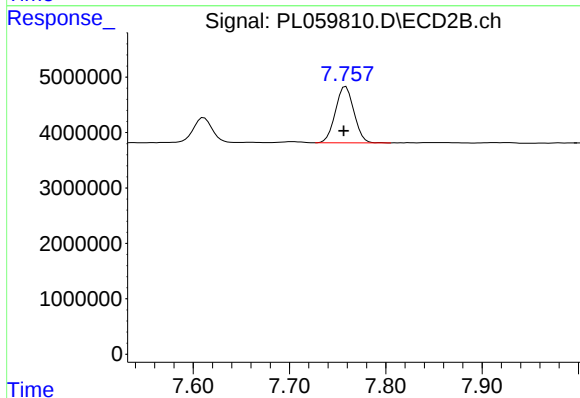
#21 Endrin ketone

R.T.: 7.170 min  
Delta R.T.: 0.002 min  
Response: 9752887  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

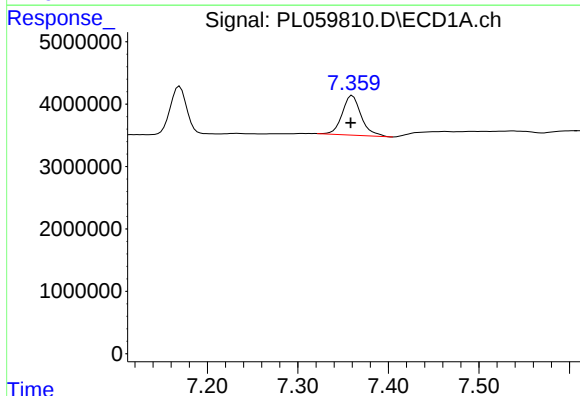
Manual Integrations  
APPROVED

Ankita  
7/13/2020 3:24:48 PM



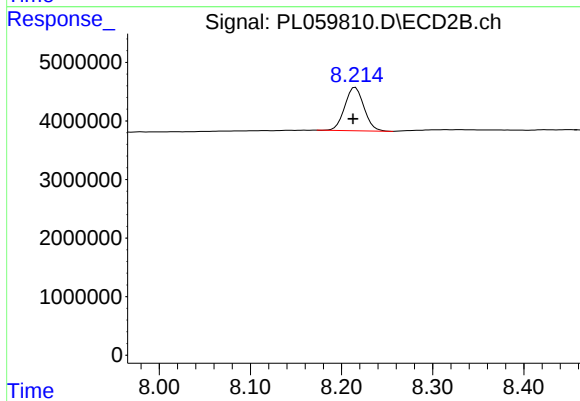
#21 Endrin ketone

R.T.: 7.759 min  
Delta R.T.: 0.002 min  
Response: 13576633  
Conc: 5.26 ng/ml



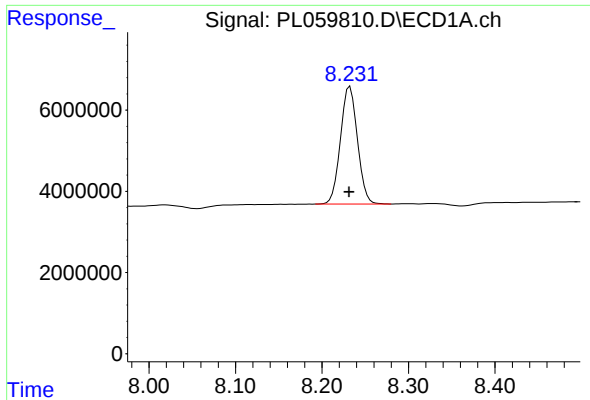
#22 Mirex

R.T.: 7.360 min  
Delta R.T.: 0.002 min  
Response: 9248907  
Conc: 6.50 ng/ml



#22 Mirex

R.T.: 8.215 min  
Delta R.T.: 0.002 min  
Response: 10857688  
Conc: 5.87 ng/ml



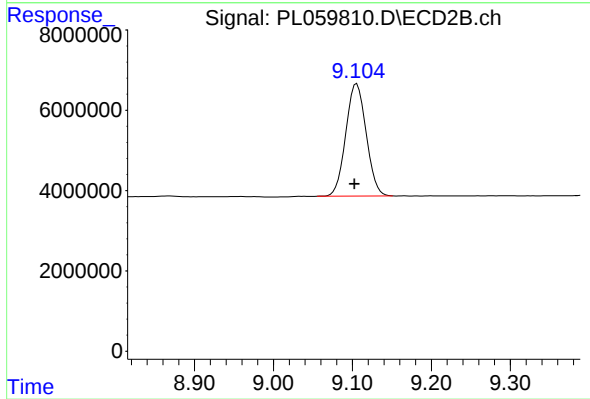
#28 Decachlorobiphenyl

R.T.: 8.232 min  
Delta R.T.: 0.001 min  
Response: 39256729  
Conc: 23.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-SOIL-02-QT3-2020

Manual Integrations  
APPROVED

Ankita  
7/13/2020 3:24:48 PM



#28 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: 0.003 min  
Response: 50390995  
Conc: 24.09 ng/ml