

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101620\  
 Data File : PL062359.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2020 20:28  
 Operator : DD\AJ  
 Sample : L4214-03  
 Misc : PEST MDL 1 PPB  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-SOIL-03-QT4-2020

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 05:32:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 13 05:04:40 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... | 3.412 | 3.952 | 36403077 | 58612372 | 20.914 | 20.797  |
| 28)                         | SA Decachlor... | 8.125 | 8.993 | 38678127 | 54610409 | 21.144 | 19.896  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.844 | 4.338 | 3921999  | 3827872  | 1.530  | 0.913 # |
| 3)                          | MA gamma-BHC... | 4.123 | 4.621 | 1963625  | 3607947  | 0.861  | 0.918   |
| 4)                          | MA Heptachlor   | 4.420 | 5.127 | 2328884  | 4515562  | 1.106  | 1.188   |
| 5)                          | MB Aldrin       | 4.665 | 5.430 | 2198511  | 3499798  | 1.160  | 0.993   |
| 6)                          | B beta-BHC      | 4.372 | 4.793 | 1371208  | 2521765  | 1.426  | 1.435   |
| 7)                          | B delta-BHC     | 4.572 | 5.006 | 2261282  | 3695611  | 1.060  | 1.066   |
| 8)                          | B Heptachlo...  | 5.101 | 5.814 | 1964131  | 3599504  | 1.075m | 1.107m  |
| 9)                          | A Endosulfan I  | 5.438 | 6.171 | 1887956  | 3397263  | 1.118  | 1.128   |
| 10)                         | B gamma-Chl...  | 5.327 | 6.049 | 1928445  | 2912199  | 1.070m | 0.887m  |
| 11)                         | B alpha-Chl...  | 5.384 | 6.122 | 1995875  | 3600773  | 1.103m | 1.102   |
| 12)                         | B 4,4'-DDE      | 5.550 | 6.281 | 1730556  | 3195015  | 1.049  | 1.050   |
| 13)                         | MA Dieldrin     | 5.677 | 6.428 | 1734817  | 3652118  | 0.987m | 1.183   |
| 14)                         | MA Endrin       | 5.931 | 6.645 | 1619371  | 2139251  | 1.054m | 0.860   |
| 15)                         | B Endosulfa...  | 6.205 | 6.854 | 1775481  | 2968796  | 1.075  | 1.094m  |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.768 | 1635222  | 2543973  | 1.127m | 1.042m  |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.069 | 962922   | 2559477  | 0.746  | 1.119 # |
| 18)                         | B Endrin al...  | 6.371 | 6.979 | 1800936  | 3022995  | 1.241  | 1.280   |
| 19)                         | B Endosulfa...  | 6.584 | 7.202 | 1843896  | 2904968  | 1.116  | 1.120   |
| 20)                         | A Methoxychlor  | 6.843 | 7.529 | 754284   | 1253688  | 0.927m | 0.951   |
| 21)                         | B Endrin ke...  | 7.068 | 7.671 | 2209448  | 2830732  | 1.121m | 1.015   |
| 22)                         | Mirex           | 7.256 | 8.123 | 1909348  | 2126876  | 1.287  | 1.011m  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101620\  
Data File : PL062359.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2020 20:28  
Operator : DD\AJ  
Sample : L4214-03  
Misc : PEST MDL 1 PPB  
ALS Vial : 31 Sample Multiplier: 1

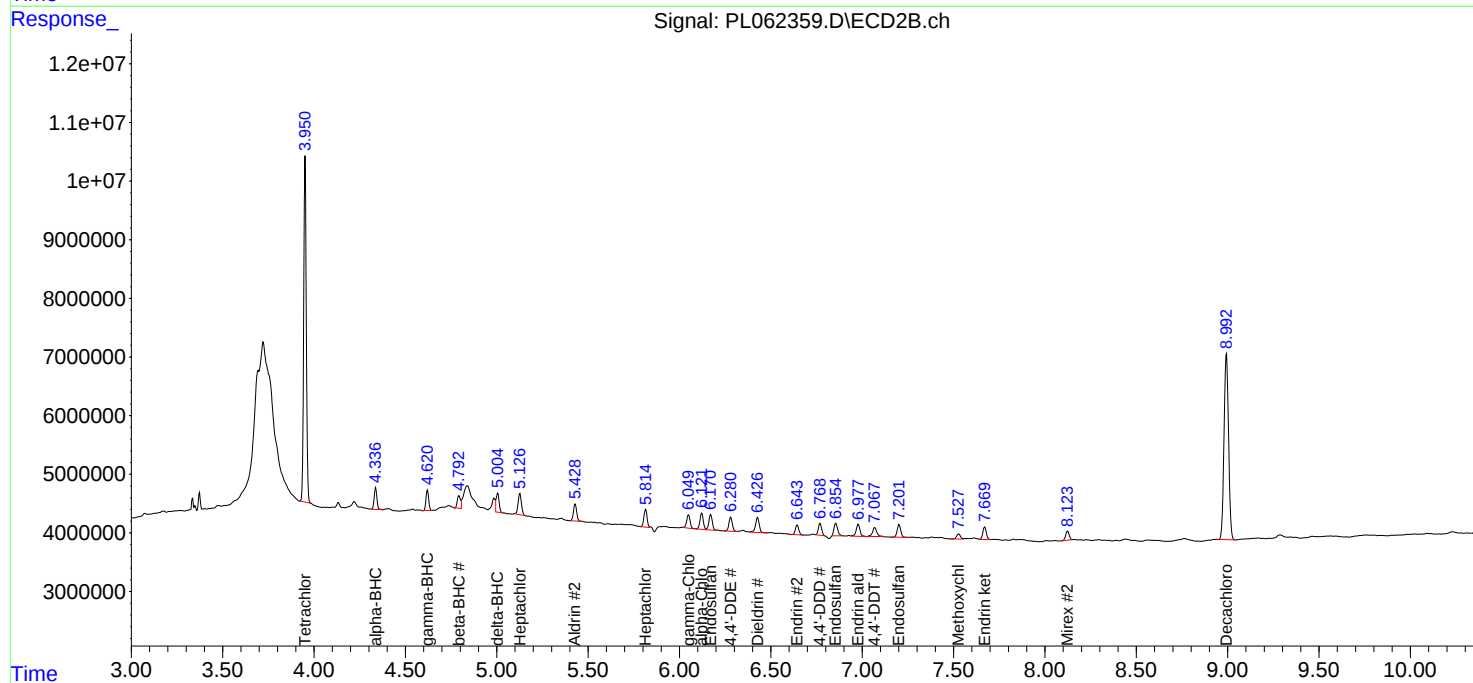
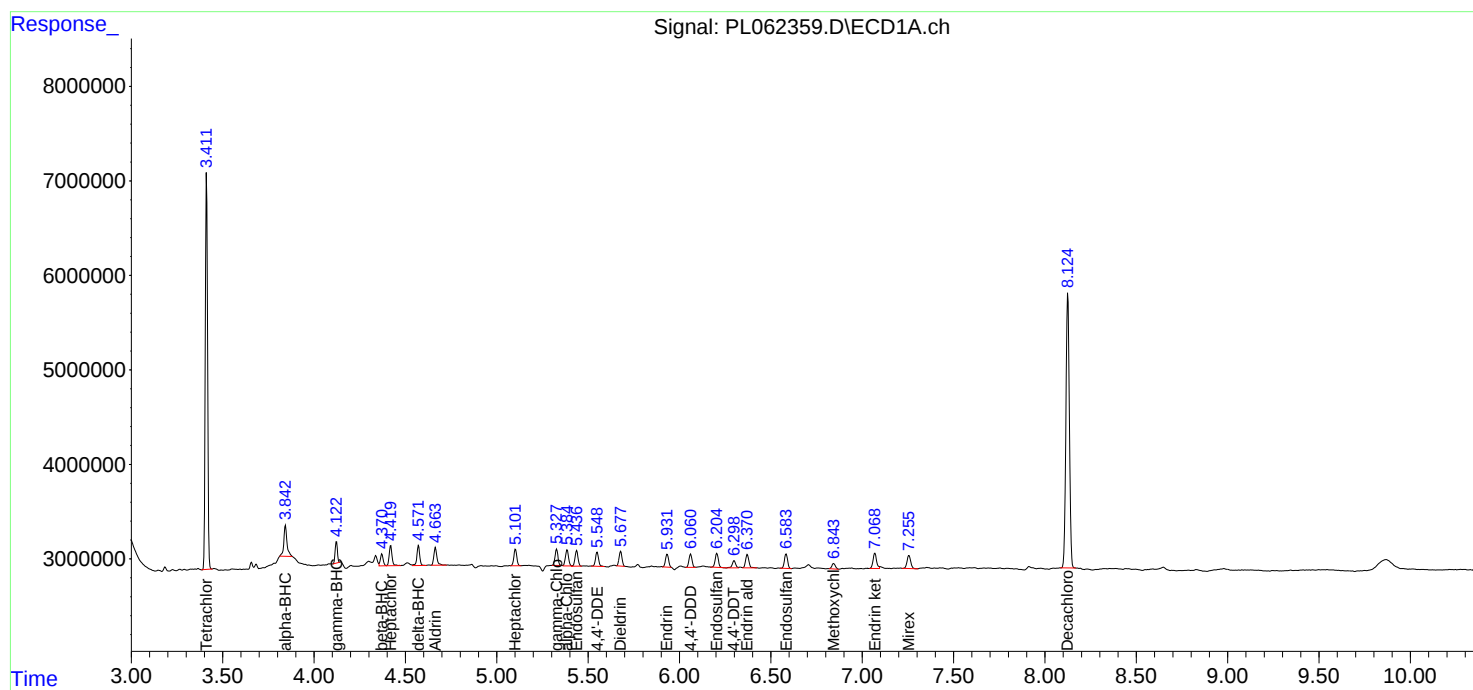
Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

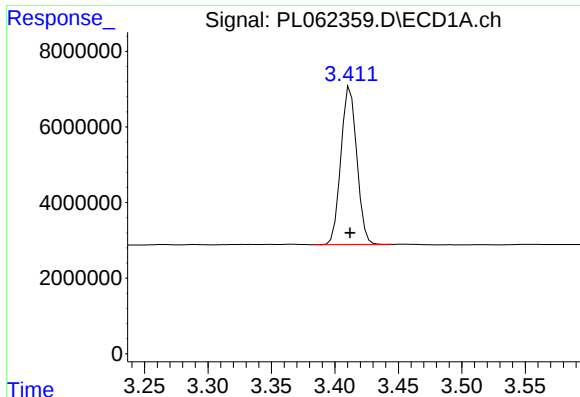
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 05:32:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101320.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 13 05:04:40 2020  
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





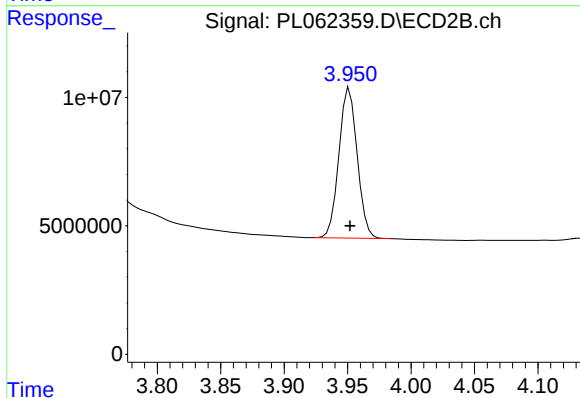
#1 Tetrachloro-m-xylene

R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 36403077  
Conc: 20.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

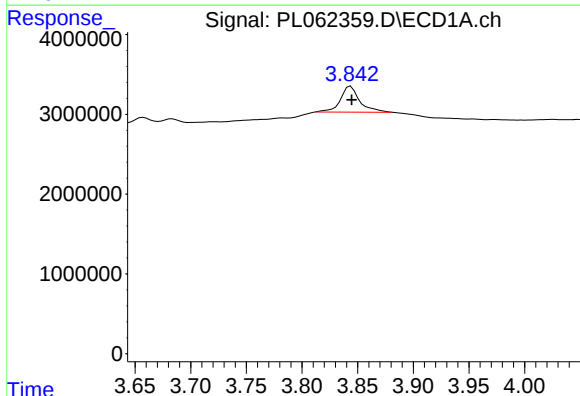
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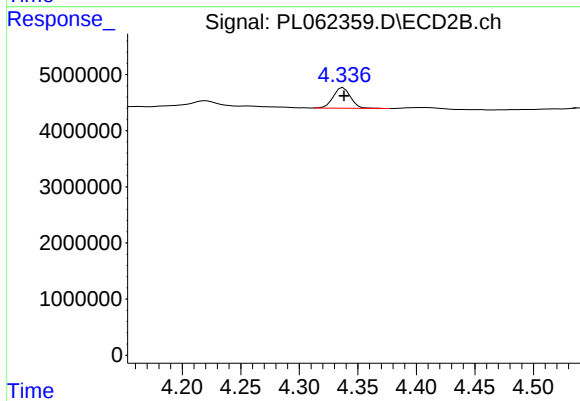
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 58612372  
Conc: 20.80 ng/ml



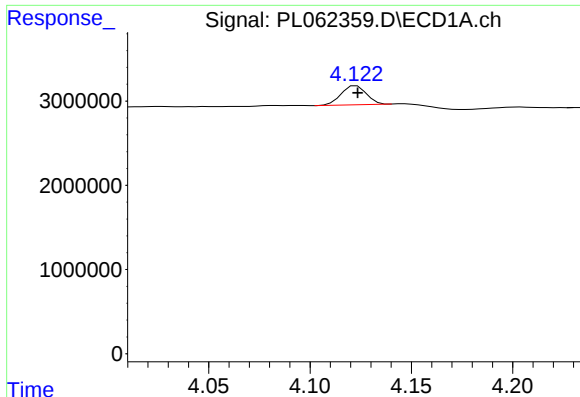
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 3921999  
Conc: 1.53 ng/ml



#2 alpha-BHC

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 3827872  
Conc: 0.91 ng/ml



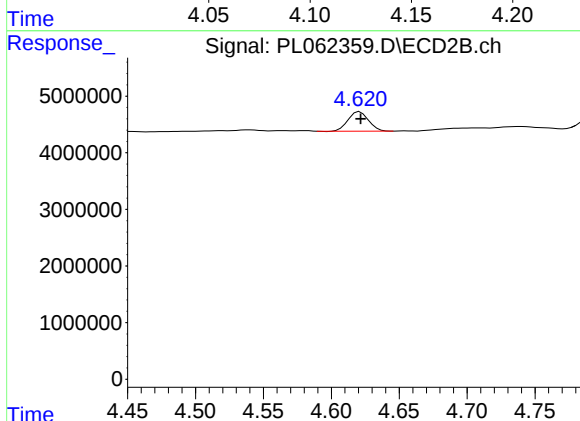
#3 gamma-BHC (Lindane)

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 1963625  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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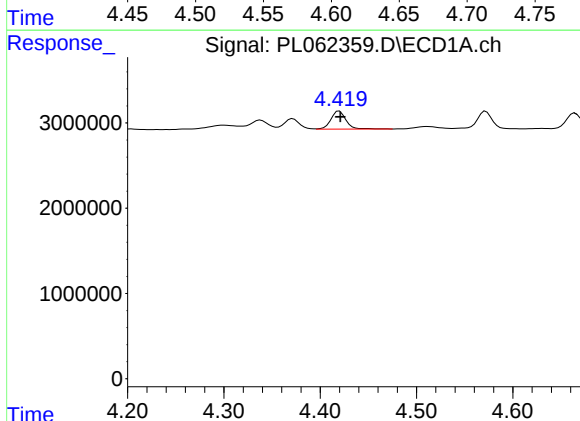
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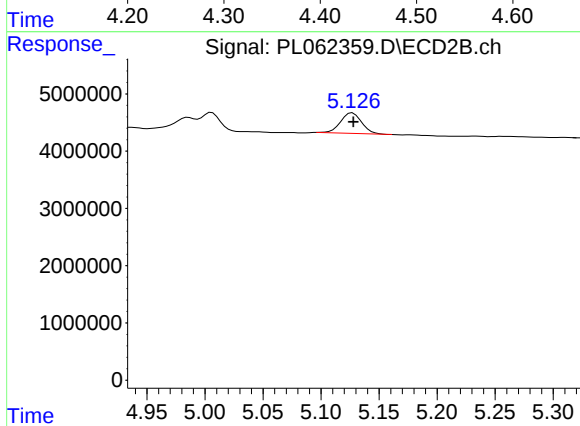
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 3607947  
Conc: 0.92 ng/ml



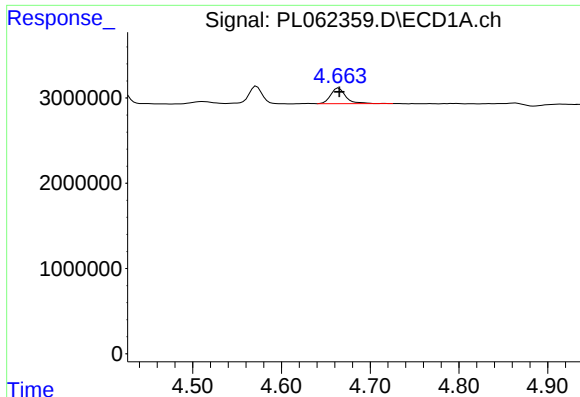
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 2328884  
Conc: 1.11 ng/ml



#4 Heptachlor

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 4515562  
Conc: 1.19 ng/ml



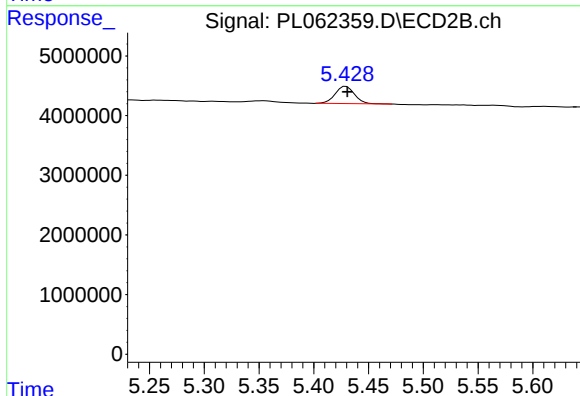
#5 Aldrin

R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 2198511  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

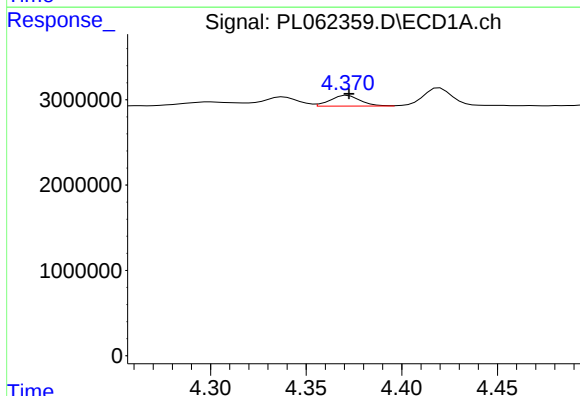
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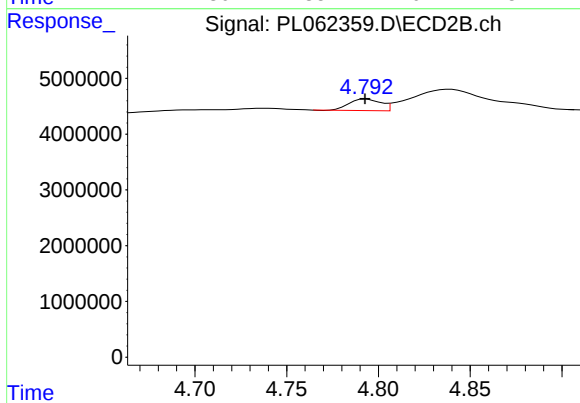
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: -0.001 min  
Response: 3499798  
Conc: 0.99 ng/ml



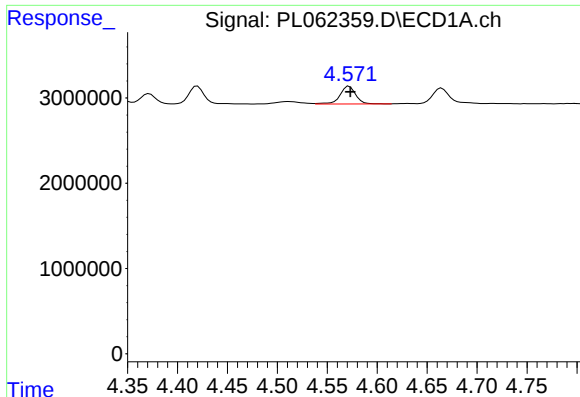
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 1371208  
Conc: 1.43 ng/ml



#6 beta-BHC

R.T.: 4.793 min  
Delta R.T.: 0.000 min  
Response: 2521765  
Conc: 1.44 ng/ml



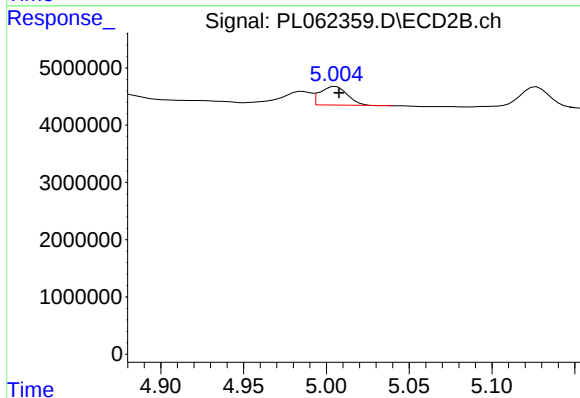
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: -0.001 min  
Response: 2261282  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

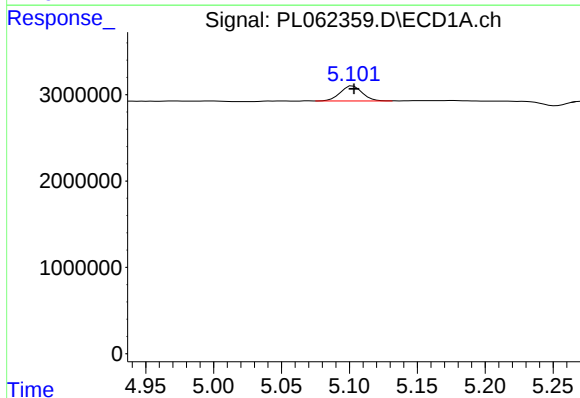
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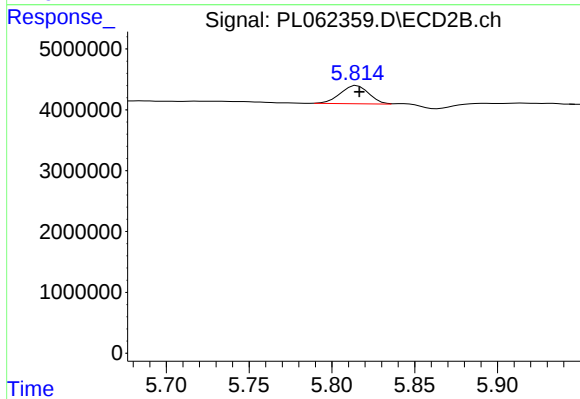
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: -0.002 min  
Response: 3695611  
Conc: 1.07 ng/ml



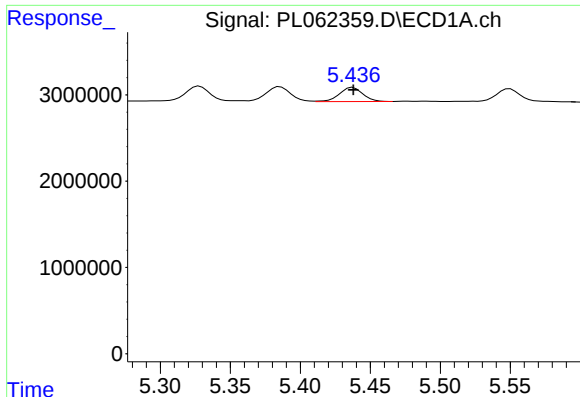
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.002 min  
Response: 1964131  
Conc: 1.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.814 min  
Delta R.T.: -0.003 min  
Response: 3599504  
Conc: 1.11 ng/ml m



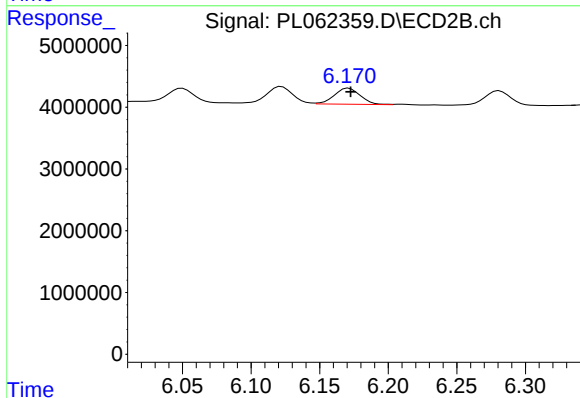
#9 Endosulfan I

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 1887956  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

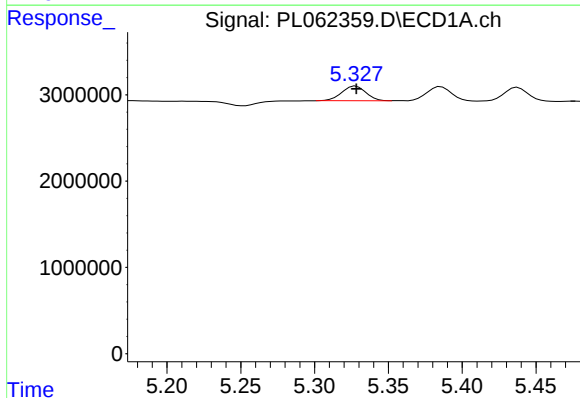
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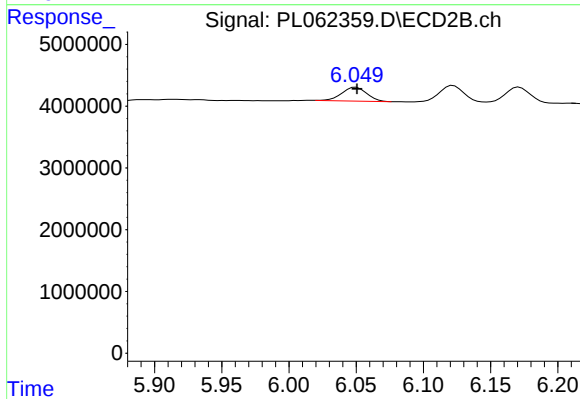
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: -0.002 min  
Response: 3397263  
Conc: 1.13 ng/ml



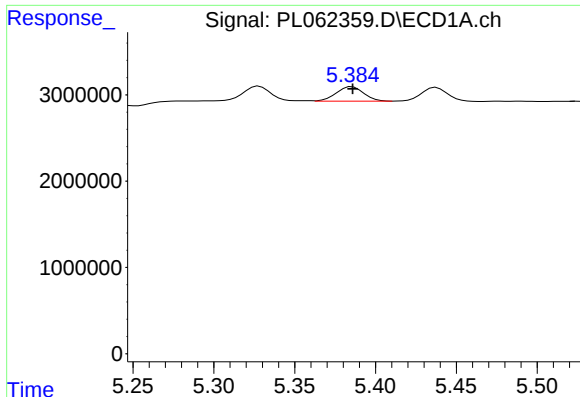
#10 gamma-Chlordane

R.T.: 5.327 min  
Delta R.T.: -0.002 min  
Response: 1928445  
Conc: 1.07 ng/ml m



#10 gamma-Chlordane

R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 2912199  
Conc: 0.89 ng/ml m



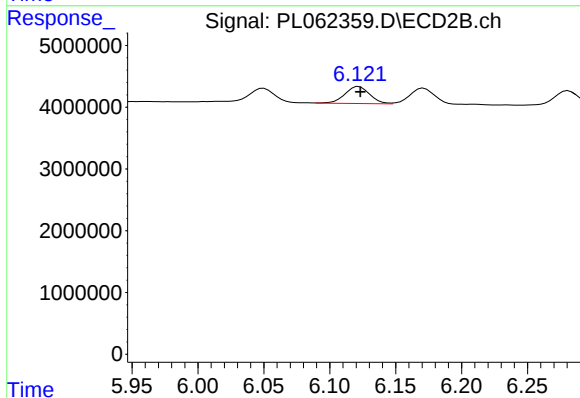
#11 alpha-Chlordane

R.T.: 5.384 min  
Delta R.T.: -0.002 min  
Response: 1995875  
Conc: 1.10 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

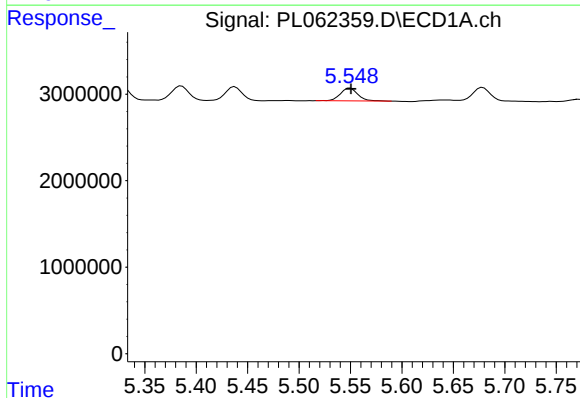
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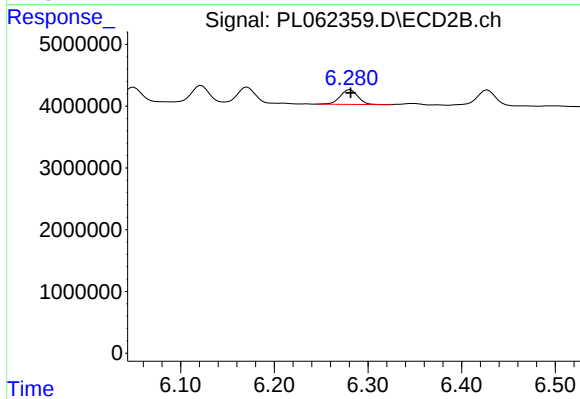
#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: -0.001 min  
Response: 3600773  
Conc: 1.10 ng/ml



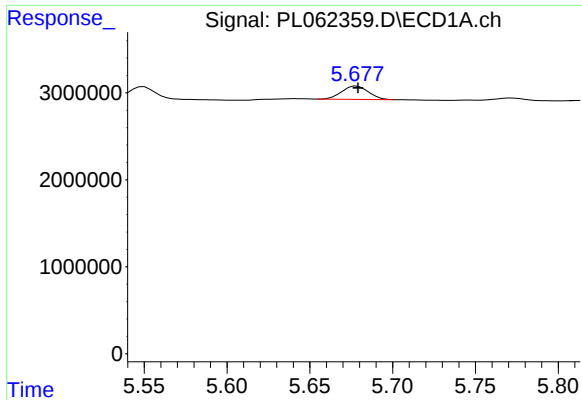
#12 4,4'-DDE

R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 1730556  
Conc: 1.05 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 3195015  
Conc: 1.05 ng/ml



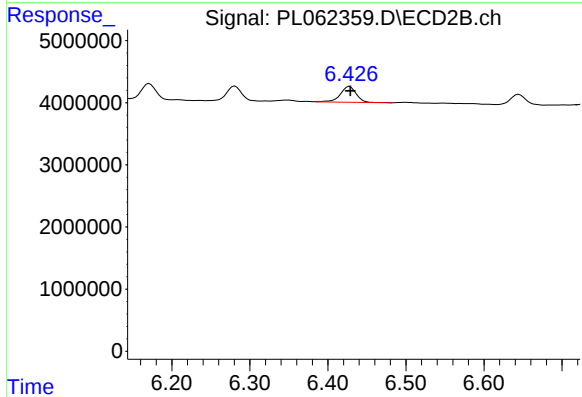
#13 Dieldrin

R.T.: 5.677 min  
Delta R.T.: -0.002 min  
Response: 1734817  
Conc: 0.99 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

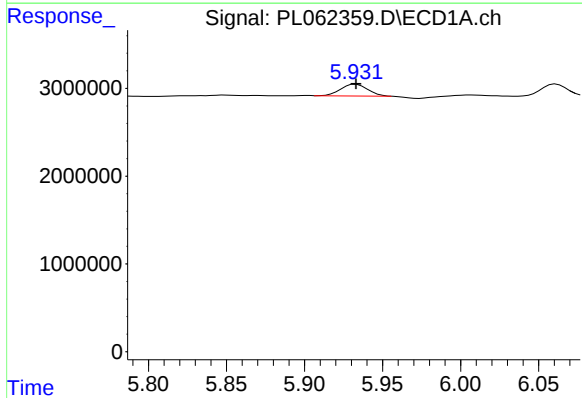
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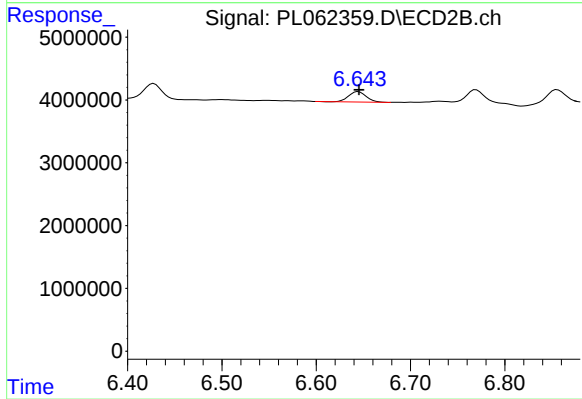
#13 Dieldrin

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 3652118  
Conc: 1.18 ng/ml



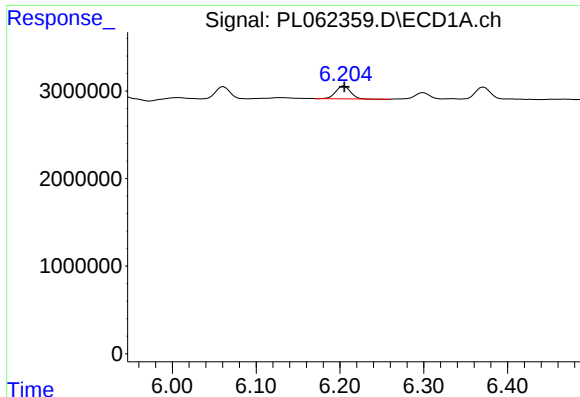
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 1619371  
Conc: 1.05 ng/ml m



#14 Endrin

R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 2139251  
Conc: 0.86 ng/ml



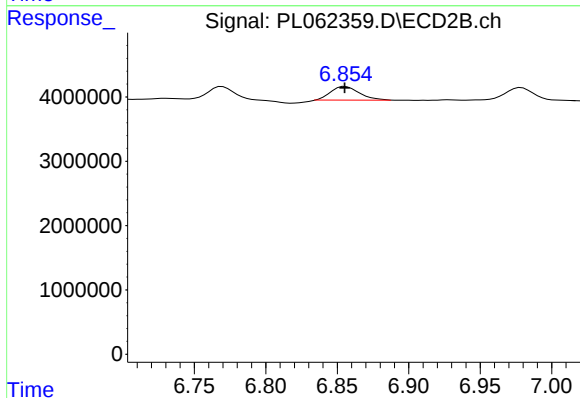
#15 Endosulfan II

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 1775481  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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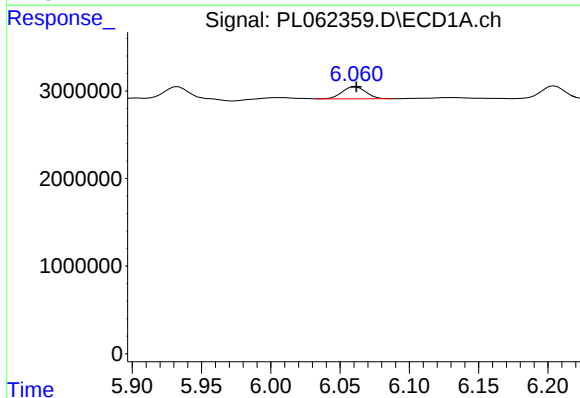
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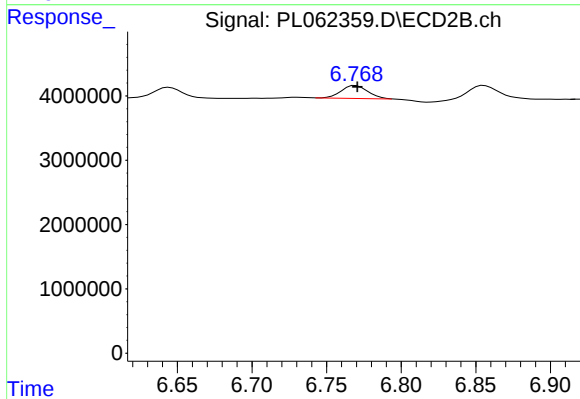
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: -0.001 min  
Response: 2968796  
Conc: 1.09 ng/ml m



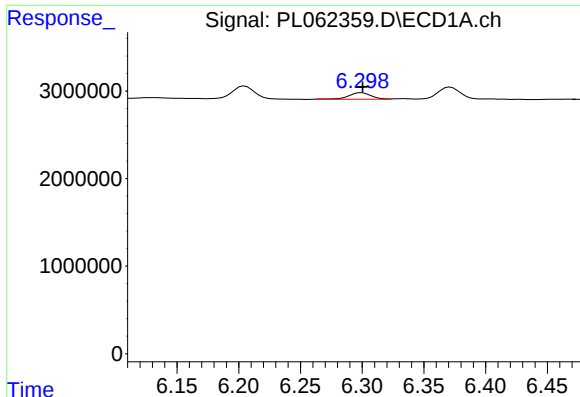
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 1635222  
Conc: 1.13 ng/ml m



#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 2543973  
Conc: 1.04 ng/ml m



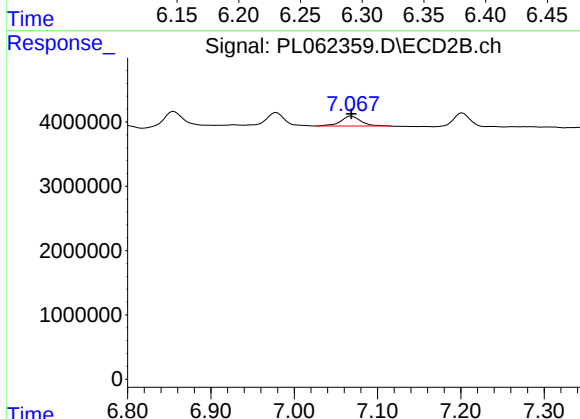
#17 4,4'-DDT

R.T.: 6.299 min  
Delta R.T.: 0.000 min  
Response: 962922  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

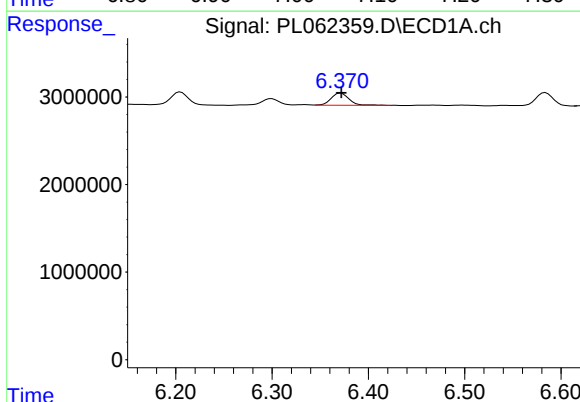
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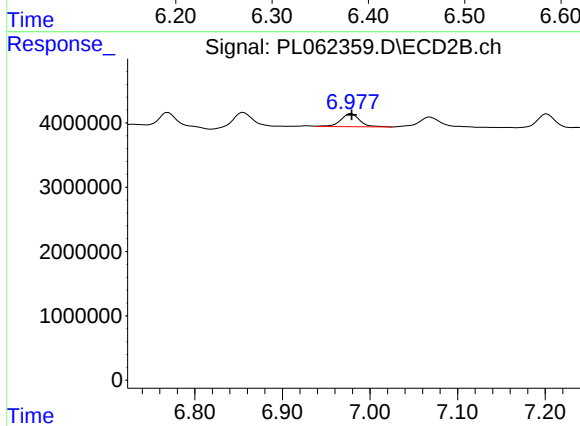
#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 2559477  
Conc: 1.12 ng/ml



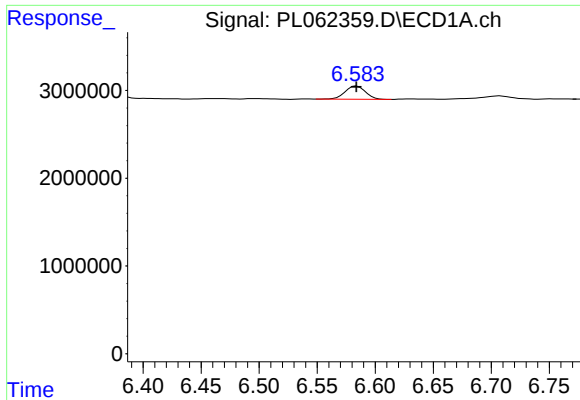
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 1800936  
Conc: 1.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 3022995  
Conc: 1.28 ng/ml



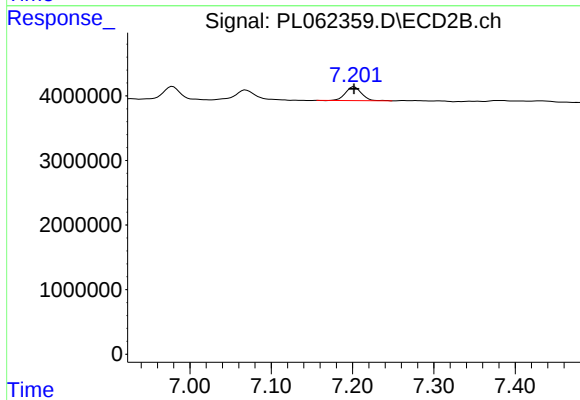
#19 Endosulfan Sulfate

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 1843896  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

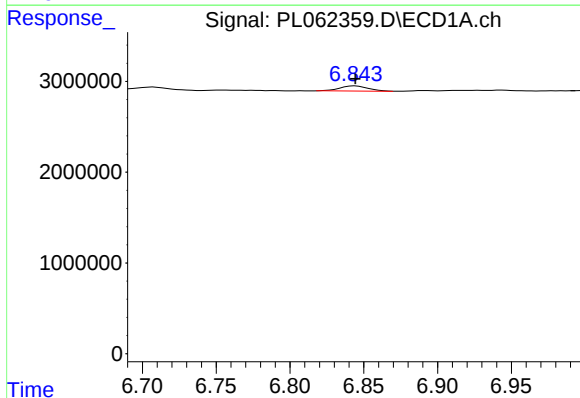
Manual Integrations  
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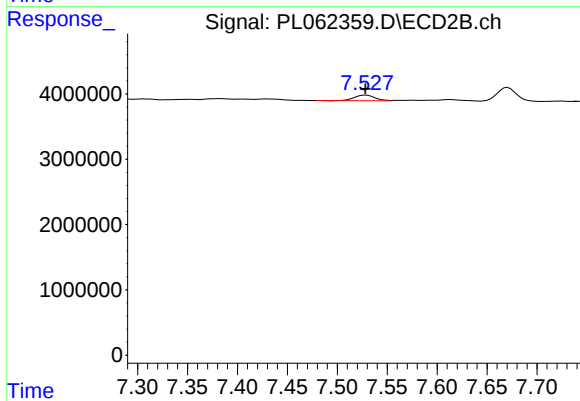
#19 Endosulfan Sulfate

R.T.: 7.202 min  
Delta R.T.: 0.000 min  
Response: 2904968  
Conc: 1.12 ng/ml



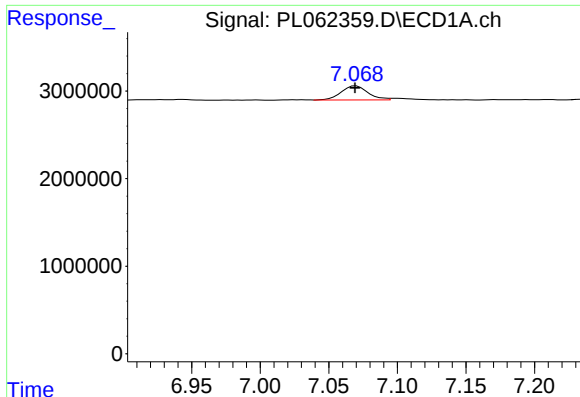
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.002 min  
Response: 754284  
Conc: 0.93 ng/ml m



#20 Methoxychlor

R.T.: 7.529 min  
Delta R.T.: 0.000 min  
Response: 1253688  
Conc: 0.95 ng/ml



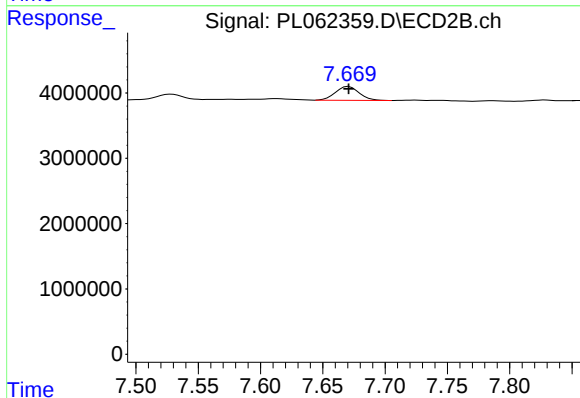
#21 Endrin ketone

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 2209448  
Conc: 1.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

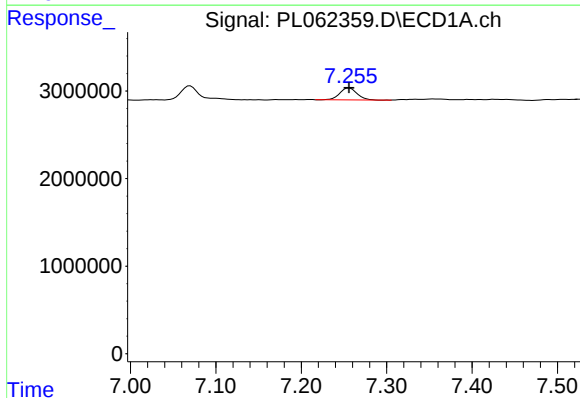
Manual Integrations  
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Ankita  
10/16/2020 11:52:15 AM



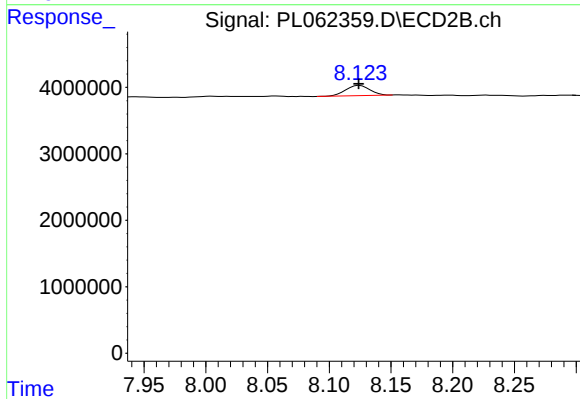
#21 Endrin ketone

R.T.: 7.671 min  
Delta R.T.: 0.000 min  
Response: 2830732  
Conc: 1.01 ng/ml



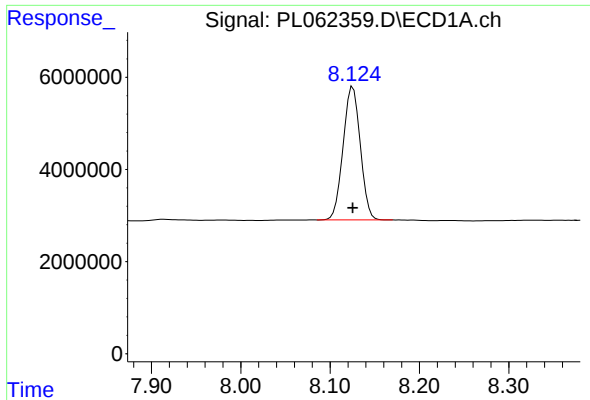
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 1909348  
Conc: 1.29 ng/ml



#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.000 min  
Response: 2126876  
Conc: 1.01 ng/ml m



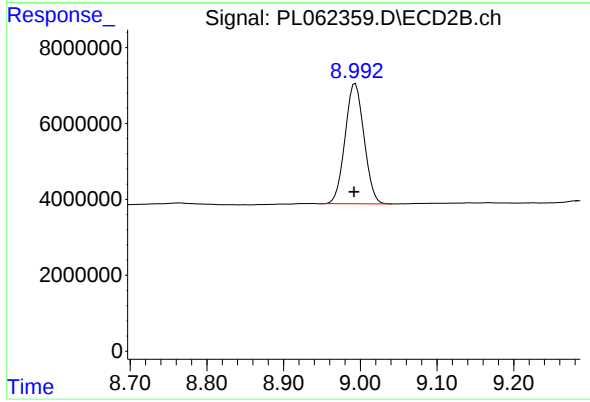
#28 Decachlorobiphenyl

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 38678127  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: 0.001 min  
Response: 54610409  
Conc: 19.90 ng/ml