

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102720\  
 Data File : PO072867.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Oct 2020 7:00  
 Operator : DD\AJ  
 Sample : L4214-03  
 Misc : AR1660 MDL 25 PPB  
 ALS Vial : 43 Sample Multiplier: 1

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

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 07:50:17 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 27 16:48:42 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1 | Resp#2 | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|--------|--------|---------|----------|
| -----                       |        |       |        |        |         |          |
| System Monitoring Compounds |        |       |        |        |         |          |
| 1) SA Tetrachlo...          | 4.949  | 4.021 | 771318 | 540922 | 16.729  | 15.434   |
| 2) SA Decachlor...          | 10.982 | 9.305 | 796071 | 743705 | 21.547  | 22.301   |
| Target Compounds            |        |       |        |        |         |          |
| 3) L1 AR-1016-1             | 6.273  | 5.275 | 52301  | 35539  | 30.638  | 24.758   |
| 4) L1 AR-1016-2             | 6.295  | 5.295 | 70285  | 46662  | 29.791  | 24.116   |
| 5) L1 AR-1016-3             | 6.362  | 5.486 | 39596  | 24106  | 27.443  | 22.991   |
| 6) L1 AR-1016-4             | 6.471  | 5.537 | 31642  | 22326  | 26.932  | 25.769   |
| 7) L1 AR-1016-5             | 6.786  | 5.764 | 34362  | 28114  | 32.027  | 26.160   |
| 31) L7 AR-1260-1            | 7.966  | 6.857 | 69448  | 47985  | 37.341m | 24.131m# |
| 32) L7 AR-1260-2            | 8.232  | 7.052 | 69652  | 70142  | 30.645m | 27.994m  |
| 33) L7 AR-1260-3            | 8.599  | 7.207 | 67471  | 68780  | 39.350  | 31.204   |
| 34) L7 AR-1260-4            | 8.831  | 7.688 | 64886  | 57909  | 32.482  | 31.465   |
| 35) L7 AR-1260-5            | 9.157  | 7.934 | 140622 | 149256 | 34.669  | 33.960   |
| -----                       |        |       |        |        |         |          |

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

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Acq On : 28 Oct 2020 7:00  
Operator : DD\AJ  
Sample : L4214-03  
Misc : AR1660 MDL 25 PPB  
ALS Vial : 43 Sample Multiplier: 1

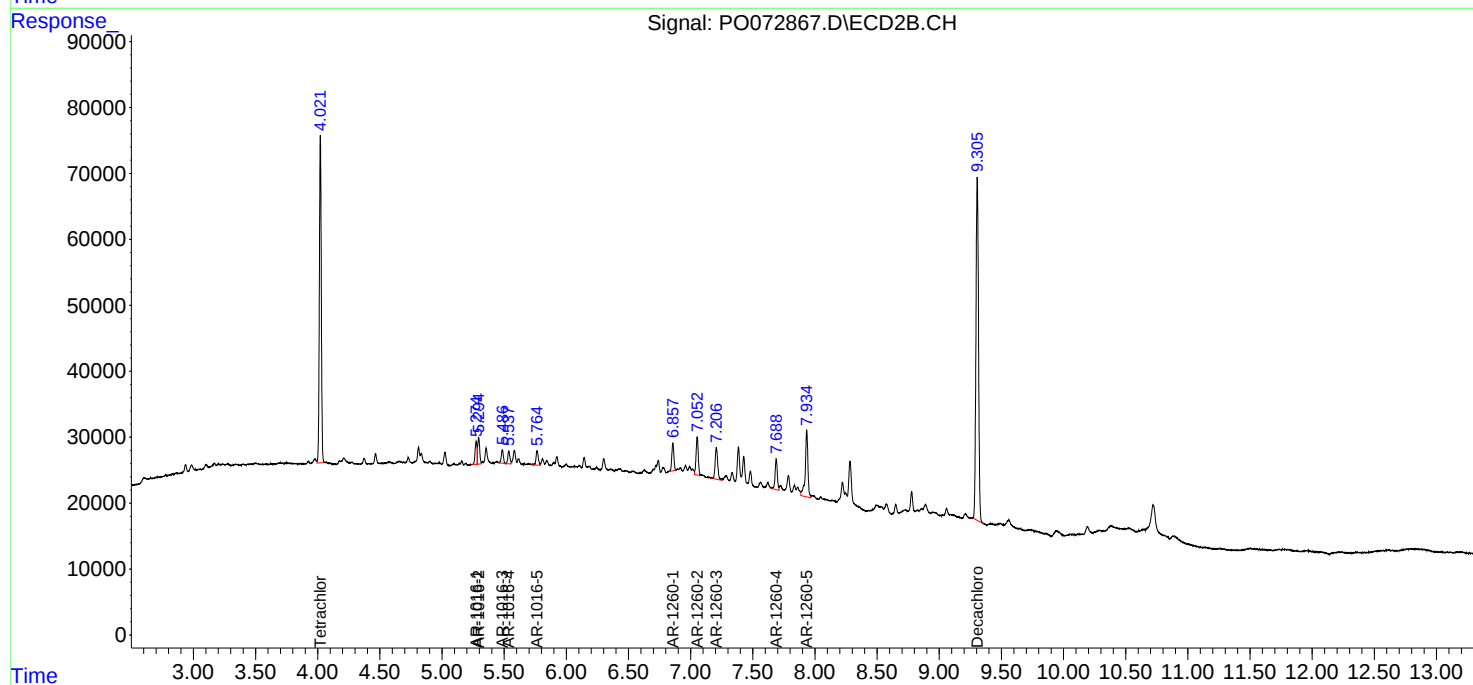
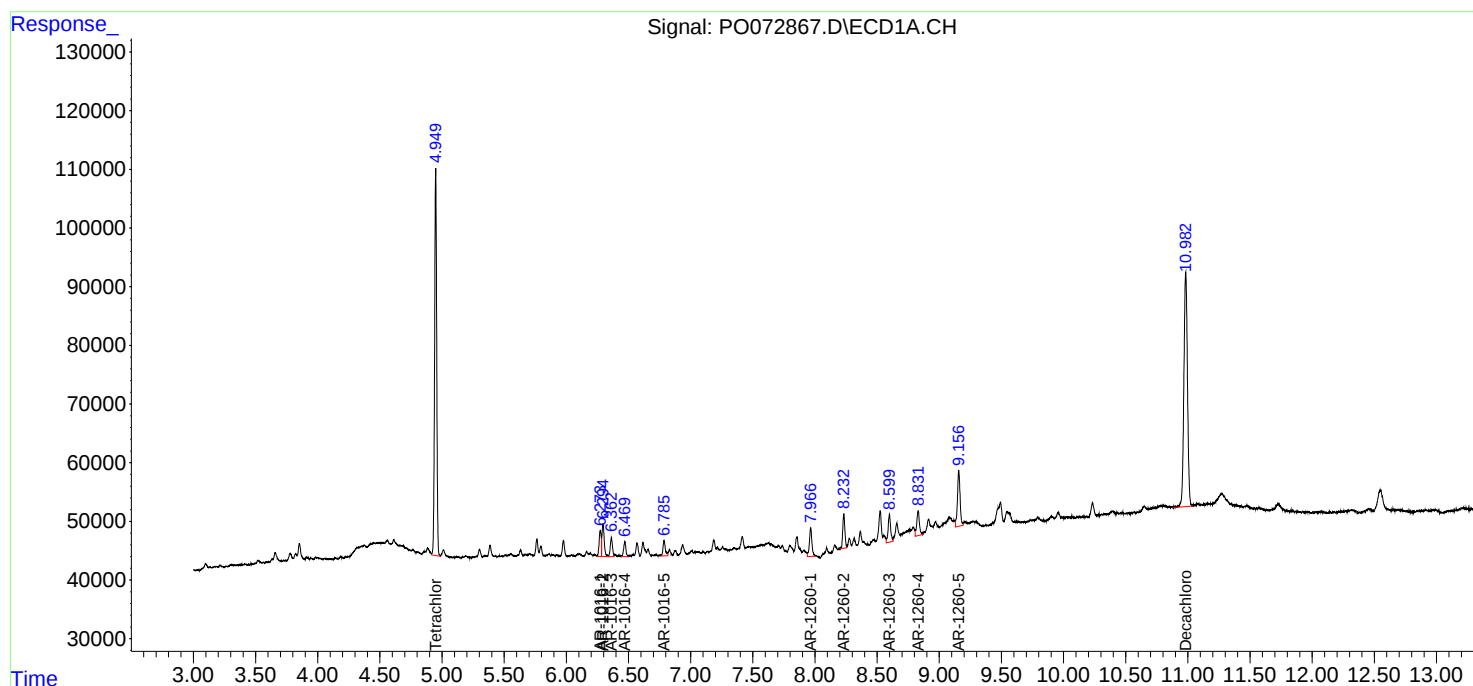
Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

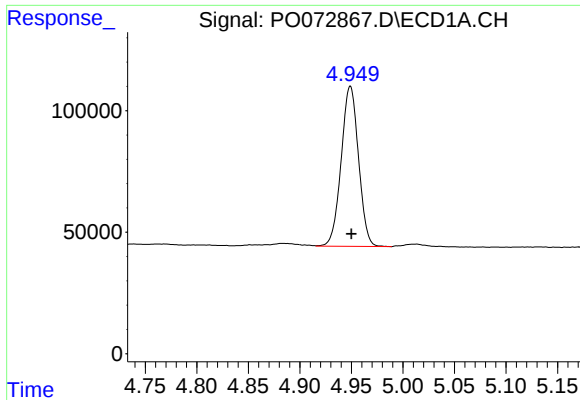
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Integration File signal 1: autoint1.e  
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Quant Time: Oct 28 07:50:17 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
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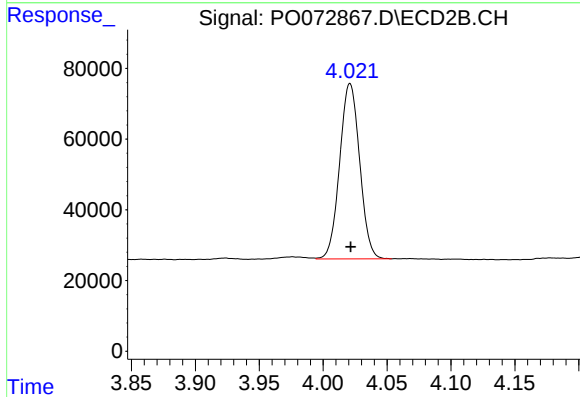
#1 Tetrachloro-m-xylene

R.T.: 4.949 min  
Delta R.T.: -0.001 min  
Response: 771318  
Conc: 16.73 ng/ml

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

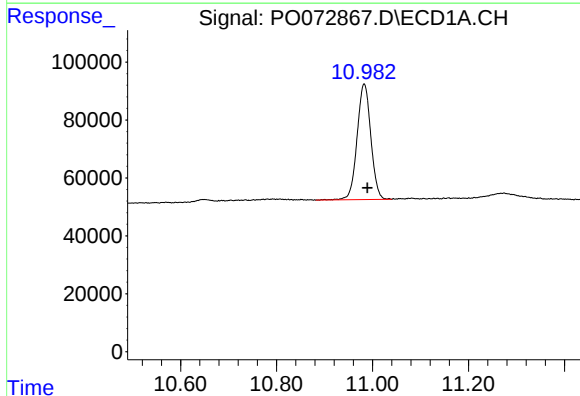
Manual Integrations  
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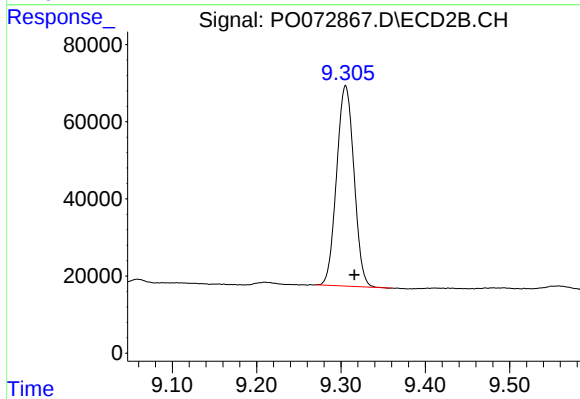
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 540922  
Conc: 15.43 ng/ml



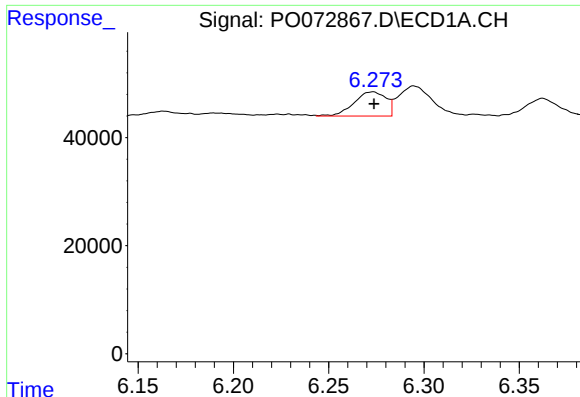
#2 Decachlorobiphenyl

R.T.: 10.982 min  
Delta R.T.: -0.007 min  
Response: 796071  
Conc: 21.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.305 min  
Delta R.T.: -0.011 min  
Response: 743705  
Conc: 22.30 ng/ml



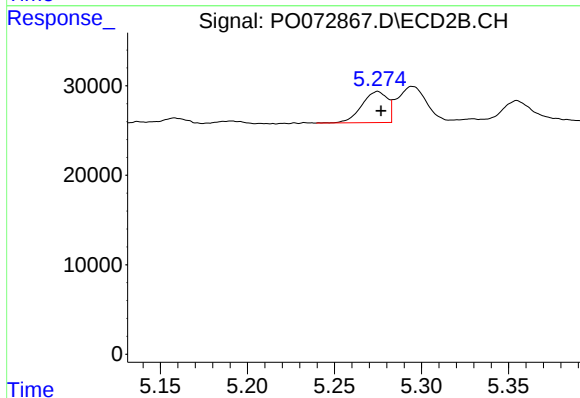
#3 AR-1016-1

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 52301  
Conc: 30.64 ng/ml

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

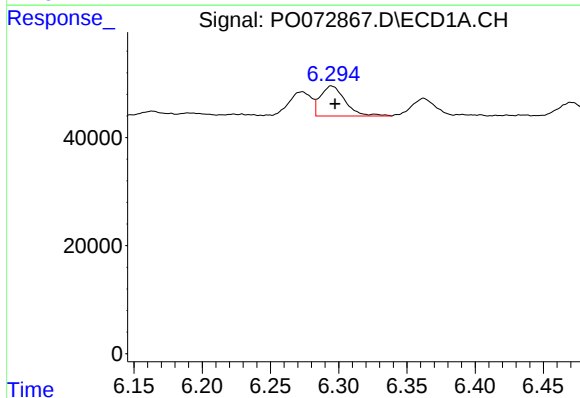
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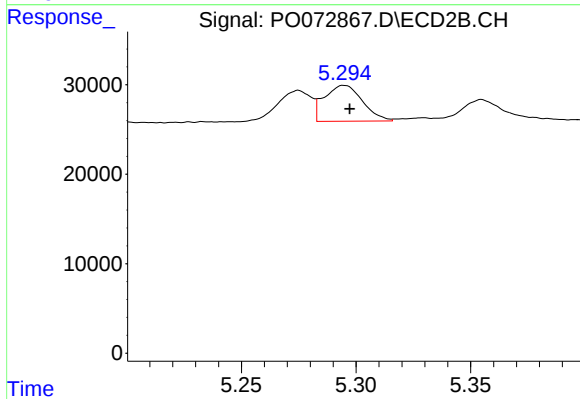
#3 AR-1016-1

R.T.: 5.275 min  
Delta R.T.: -0.002 min  
Response: 35539  
Conc: 24.76 ng/ml



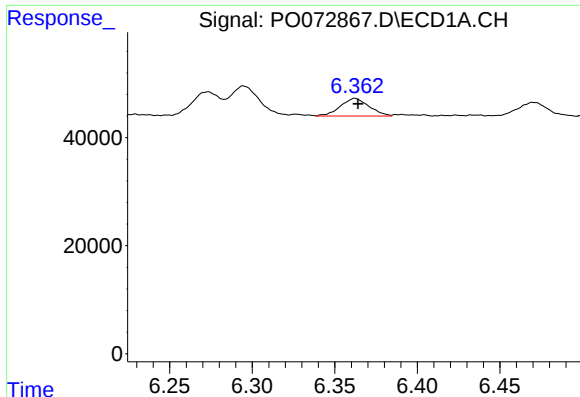
#4 AR-1016-2

R.T.: 6.295 min  
Delta R.T.: -0.002 min  
Response: 70285  
Conc: 29.79 ng/ml



#4 AR-1016-2

R.T.: 5.295 min  
Delta R.T.: -0.003 min  
Response: 46662  
Conc: 24.12 ng/ml



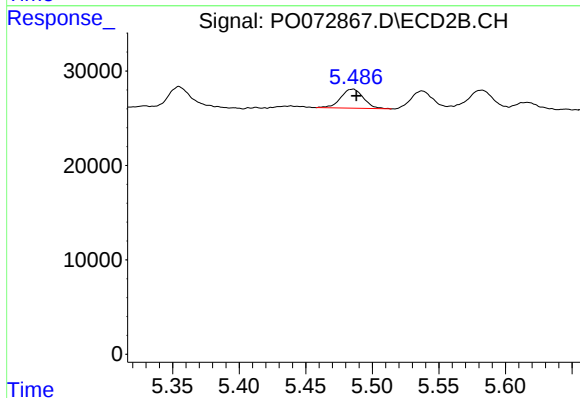
#5 AR-1016-3

R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 39596  
Conc: 27.44 ng/ml

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

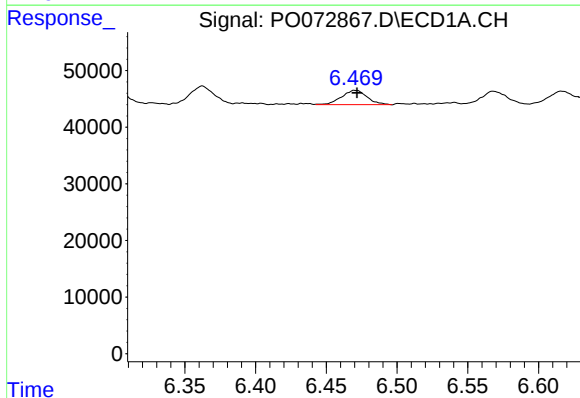
Manual Integrations  
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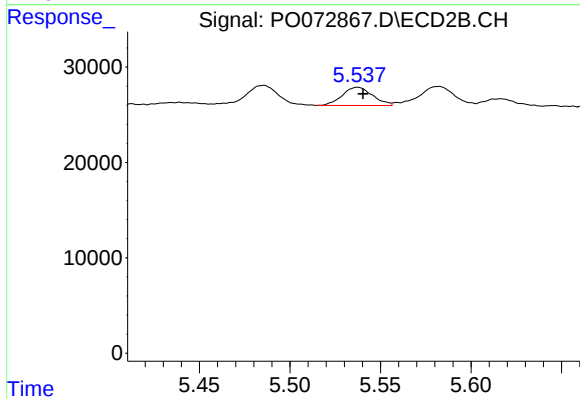
#5 AR-1016-3

R.T.: 5.486 min  
Delta R.T.: -0.002 min  
Response: 24106  
Conc: 22.99 ng/ml



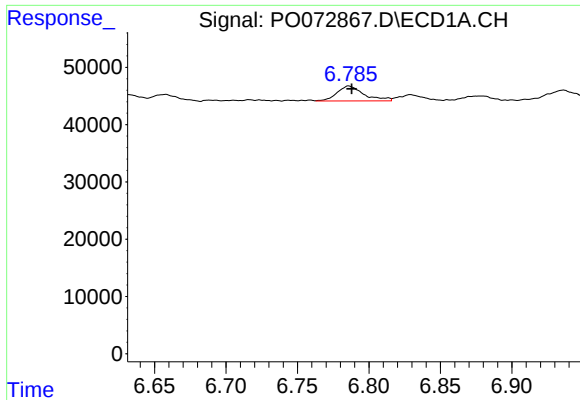
#6 AR-1016-4

R.T.: 6.471 min  
Delta R.T.: -0.001 min  
Response: 31642  
Conc: 26.93 ng/ml



#6 AR-1016-4

R.T.: 5.537 min  
Delta R.T.: -0.003 min  
Response: 22326  
Conc: 25.77 ng/ml



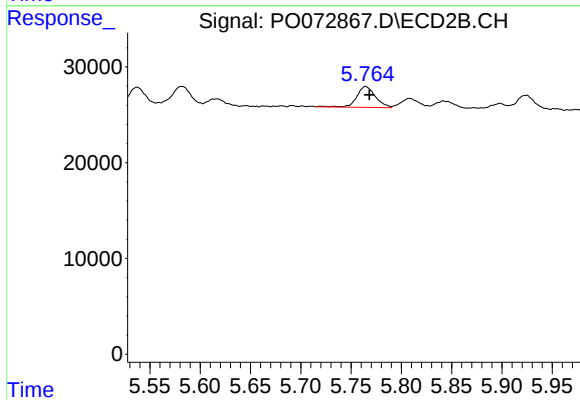
#7 AR-1016-5

R.T.: 6.786 min  
Delta R.T.: -0.002 min  
Response: 34362  
Conc: 32.03 ng/ml

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

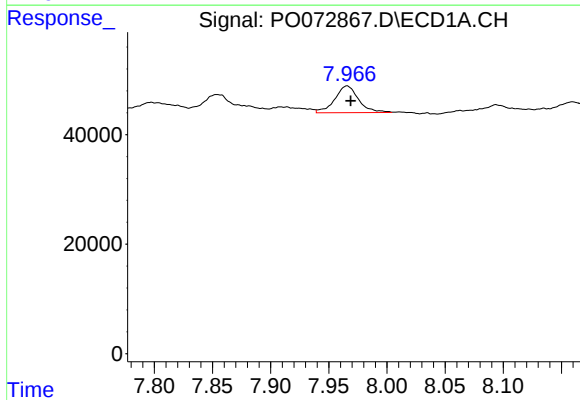
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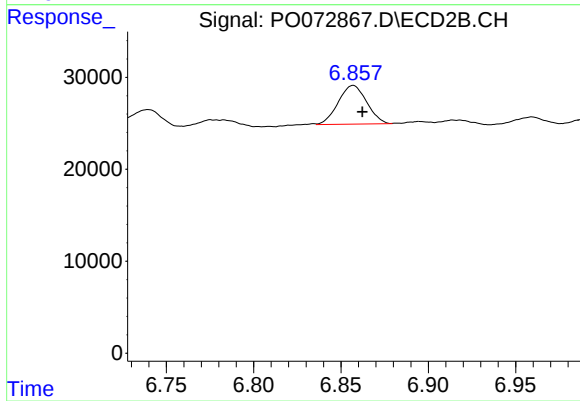
#7 AR-1016-5

R.T.: 5.764 min  
Delta R.T.: -0.004 min  
Response: 28114  
Conc: 26.16 ng/ml



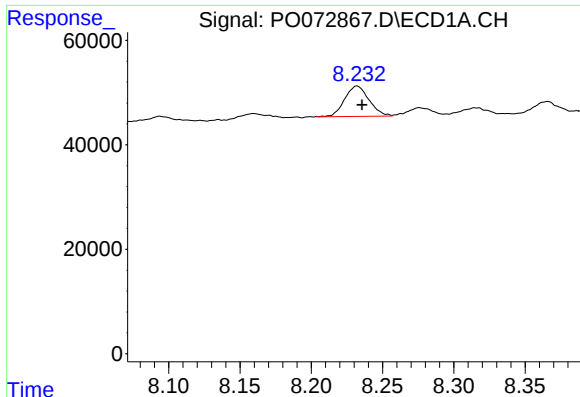
#31 AR-1260-1

R.T.: 7.966 min  
Delta R.T.: -0.003 min  
Response: 69448  
Conc: 37.34 ng/ml m



#31 AR-1260-1

R.T.: 6.857 min  
Delta R.T.: -0.005 min  
Response: 47985  
Conc: 24.13 ng/ml m



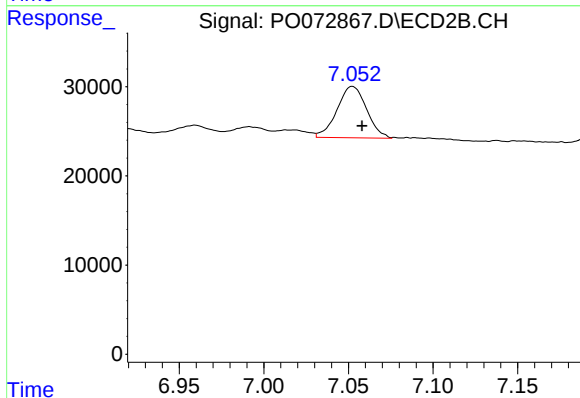
#32 AR-1260-2

R.T.: 8.232 min  
Delta R.T.: -0.004 min  
Response: 69652  
Conc: 30.64 ng/ml m

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

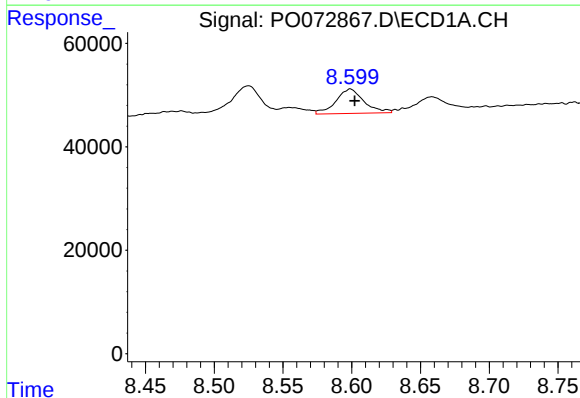
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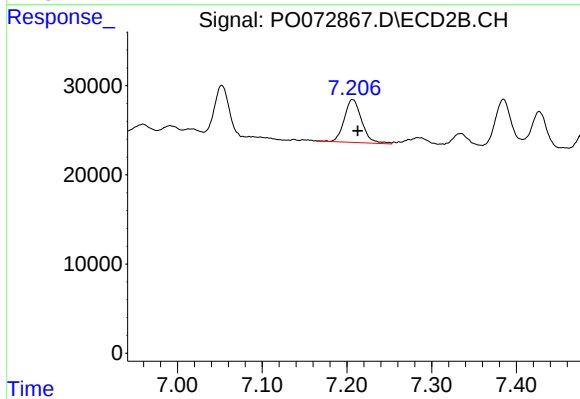
#32 AR-1260-2

R.T.: 7.052 min  
Delta R.T.: -0.006 min  
Response: 70142  
Conc: 27.99 ng/ml m



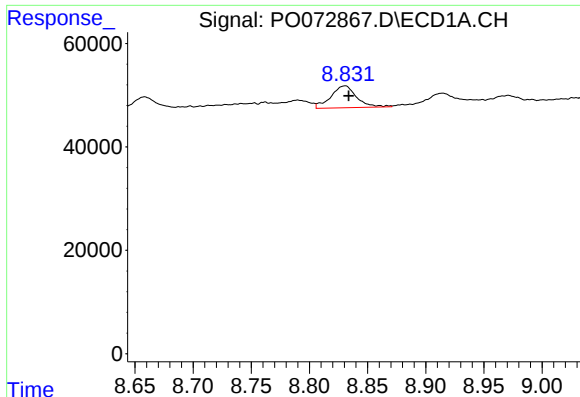
#33 AR-1260-3

R.T.: 8.599 min  
Delta R.T.: -0.003 min  
Response: 67471  
Conc: 39.35 ng/ml



#33 AR-1260-3

R.T.: 7.207 min  
Delta R.T.: -0.006 min  
Response: 68780  
Conc: 31.20 ng/ml



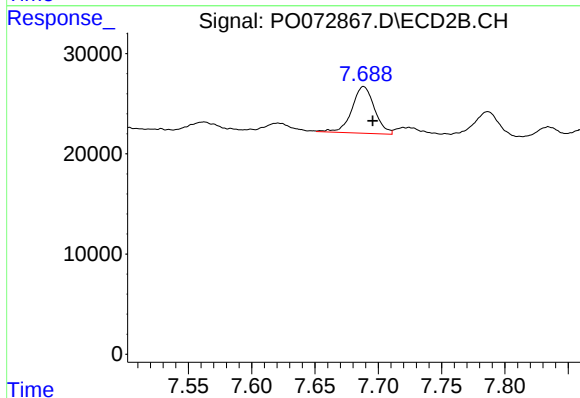
#34 AR-1260-4

R.T.: 8.831 min  
Delta R.T.: -0.003 min  
Response: 64886  
Conc: 32.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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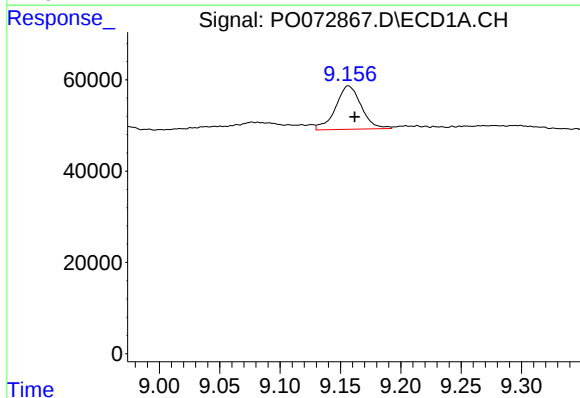
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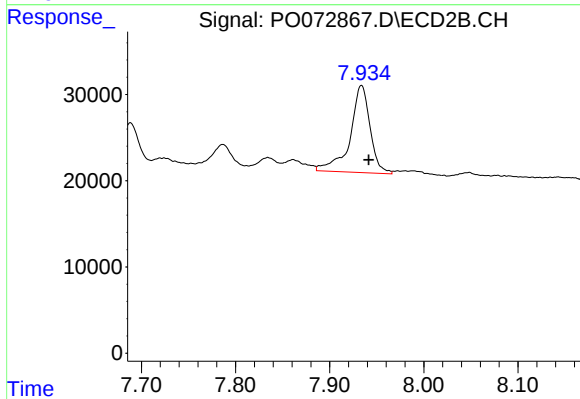
#34 AR-1260-4

R.T.: 7.688 min  
Delta R.T.: -0.007 min  
Response: 57909  
Conc: 31.46 ng/ml



#35 AR-1260-5

R.T.: 9.157 min  
Delta R.T.: -0.005 min  
Response: 140622  
Conc: 34.67 ng/ml



#35 AR-1260-5

R.T.: 7.934 min  
Delta R.T.: -0.008 min  
Response: 149256  
Conc: 33.96 ng/ml