Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : PO062127.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 9:30
Operator : HP/AJ
Sample : K5111-01
Misc : AR1660 LOD 40 PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
Ankita
10/21/2019 5:01:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:42:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
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...	4.329	3.483	1022817	744503	16.538	17.362
2)	SA Decachlor...	9.961	8.337	976709	524556	17.456	17.878
	Target Compounds						
3)	L1 AR-1016-1	5.490	4.528	96962	68655	40.969	43.893m
4)	L1 AR-1016-2	5.512	4.545	135198	94024	39.692	40.425m
5)	L1 AR-1016-3	5.573	4.714	79981	48816	38.649	39.494m
6)	L1 AR-1016-4	5.672	4.756	65572	38108	38.688	38.779m
7)	L1 AR-1016-5	5.962	4.962	61514	52127	34.591m	40.422m
31)	L7 AR-1260-1	7.082	5.969	123222	91320	43.279	42.979
32)	L7 AR-1260-2	7.338	6.155	150765	115792	43.948	45.630
33)	L7 AR-1260-3	7.696	6.303	108128	95317	40.863	42.211
34)	L7 AR-1260-4	7.920	6.766	119066	74249	42.568	42.286
35)	L7 AR-1260-5	8.232	7.006	223265	148102	42.644	41.112

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

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Data File : PO062127.D
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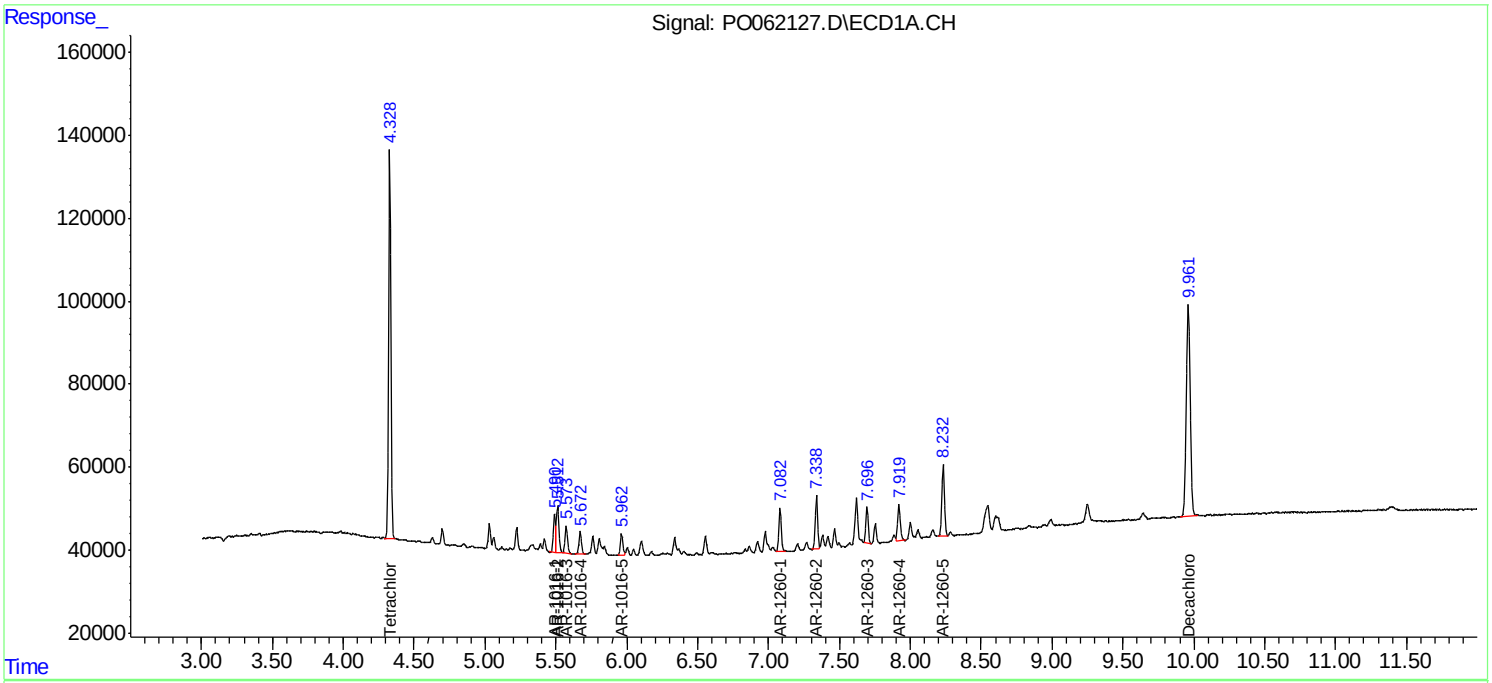

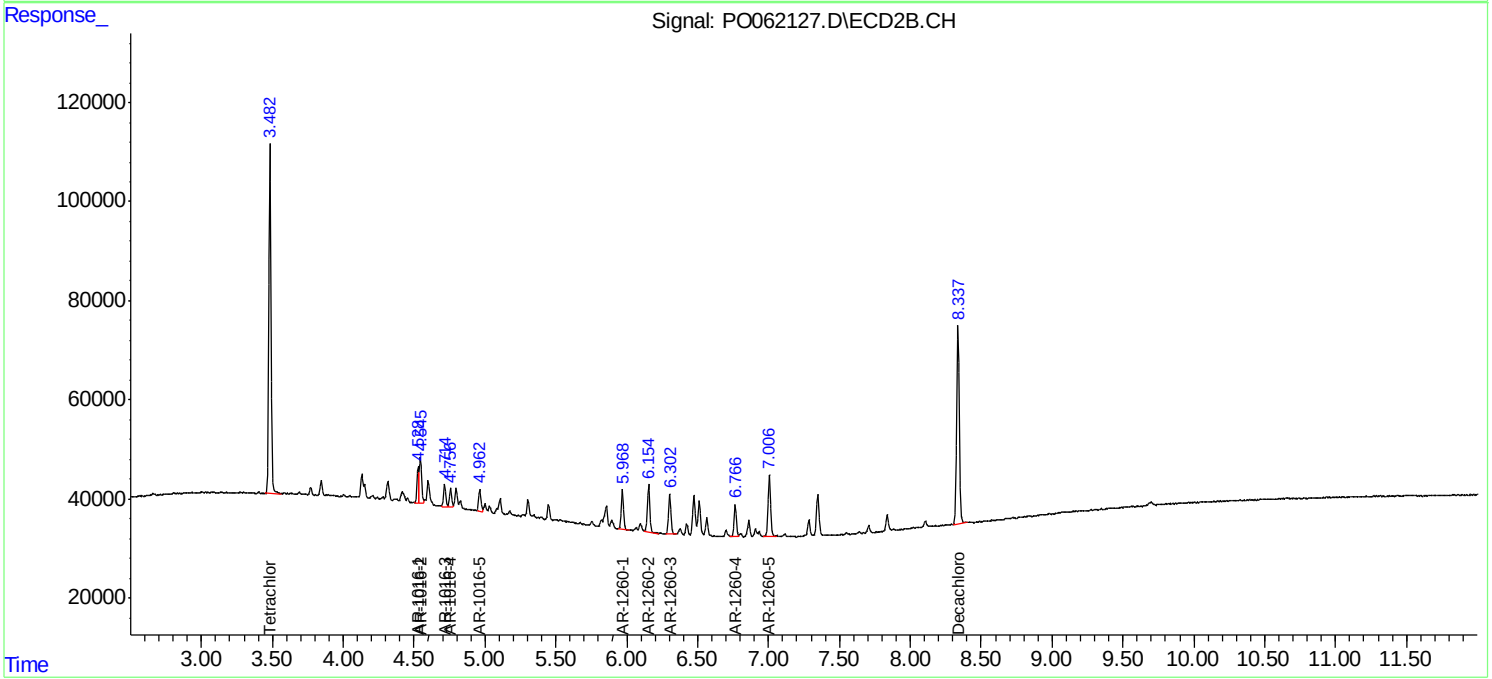

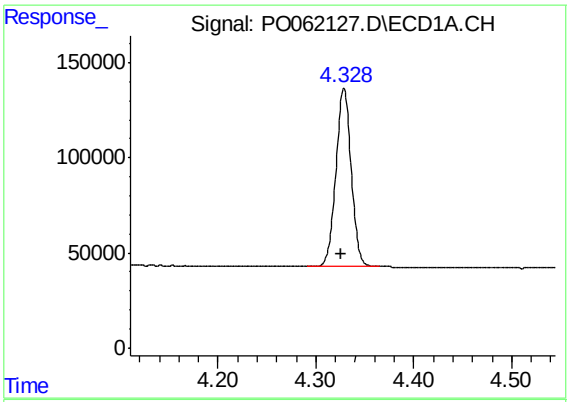

#1 Tetrachloro-m-xylene

R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 1022817
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
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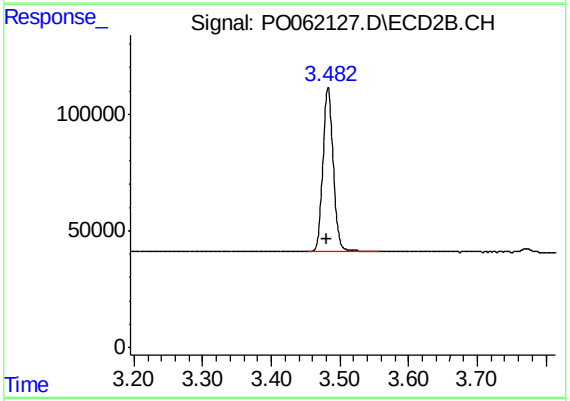
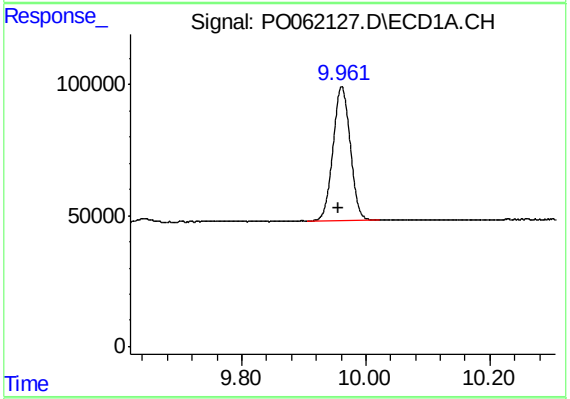


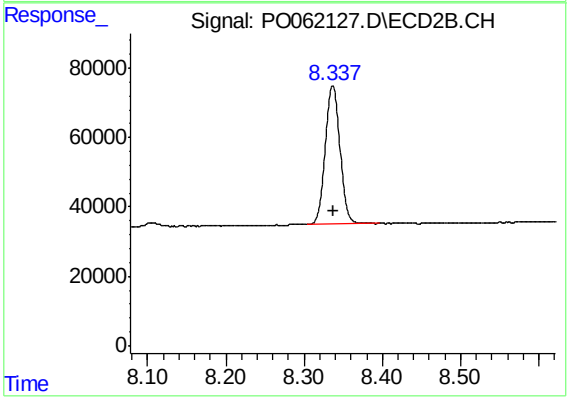
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.001 min
Response: 744503
Conc: 17.36 ng/ml



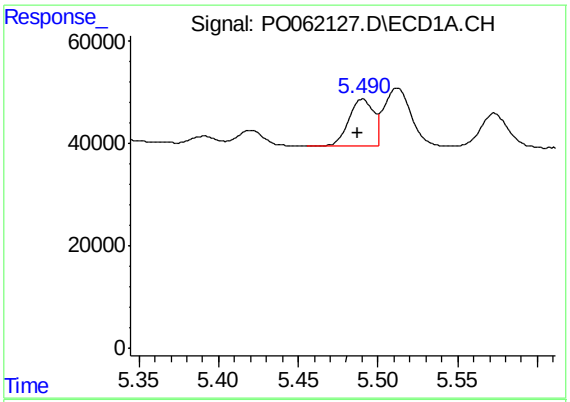
#2 Decachlorobiphenyl

R.T.: 9.961 min
Delta R.T.: 0.005 min
Response: 976709
Conc: 17.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 524556
Conc: 17.88 ng/ml



#3 AR-1016-1

R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 96962
Conc: 40.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
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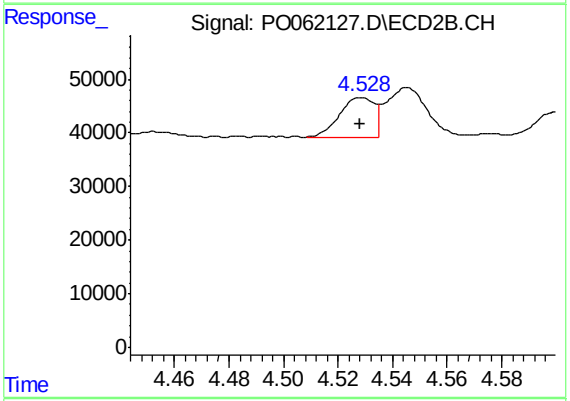
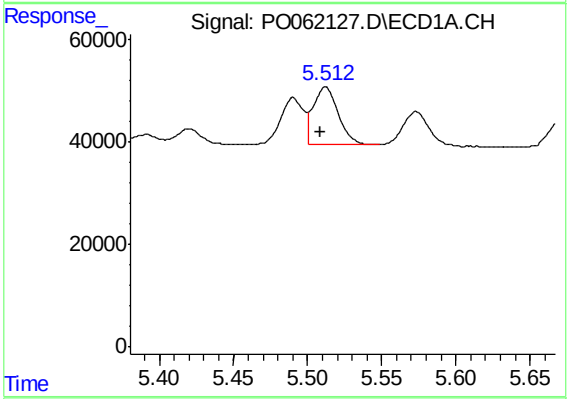


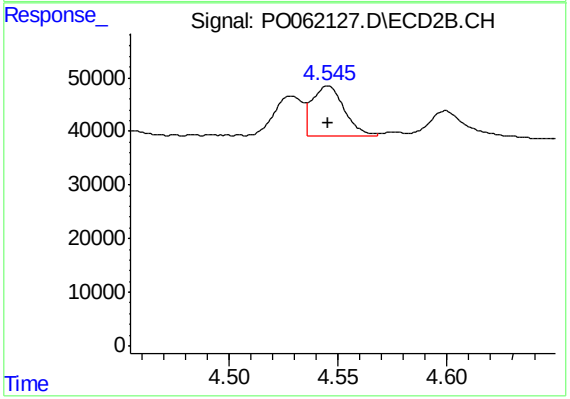
#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 68655
Conc: 43.89 ng/ml m



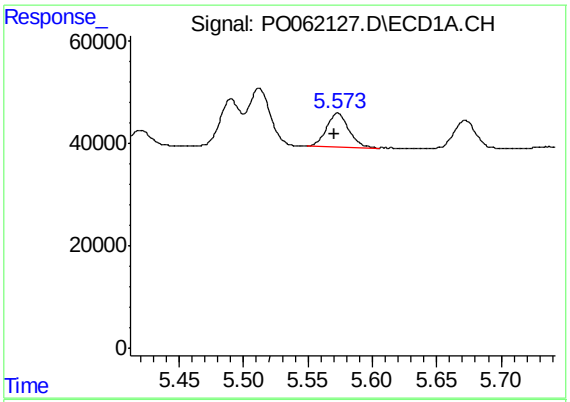
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 135198
Conc: 39.69 ng/ml



#4 AR-1016-2

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 94024
Conc: 40.42 ng/ml m



#5 AR-1016-3

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 79981
Conc: 38.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
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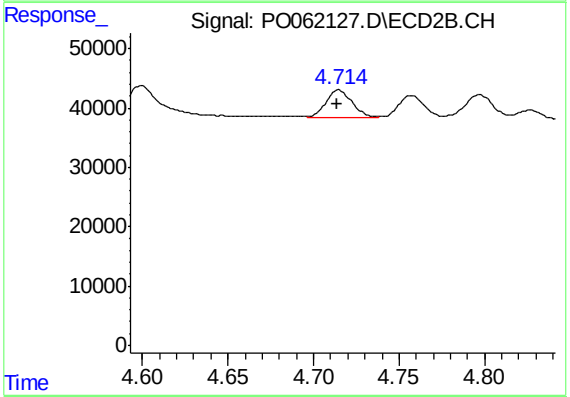
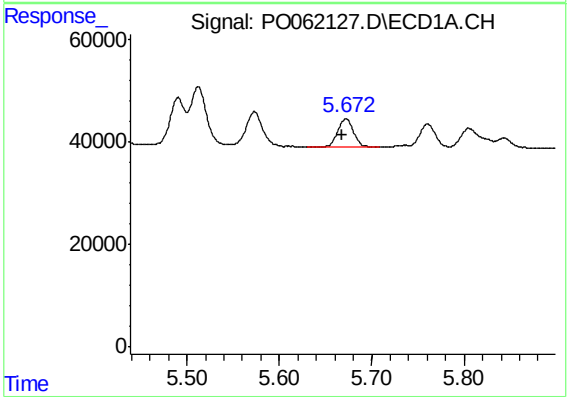


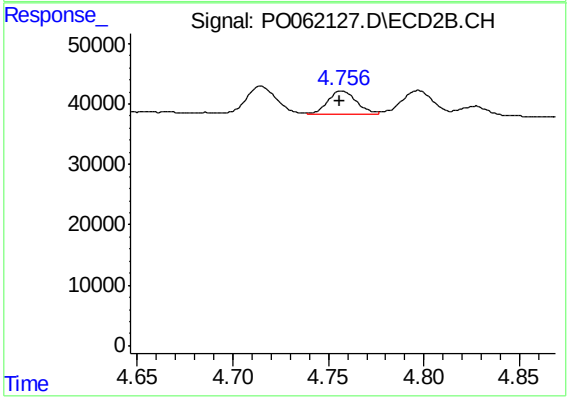
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 48816
Conc: 39.49 ng/ml m



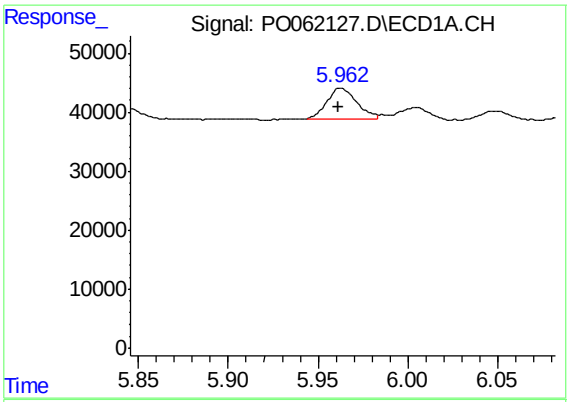
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.004 min
Response: 65572
Conc: 38.69 ng/ml



#6 AR-1016-4

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 38108
Conc: 38.78 ng/ml m



#7 AR-1016-5

R.T.: 5.962 min
Delta R.T.: 0.001 min
Response: 61514
Conc: 34.59 ng/ml m

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

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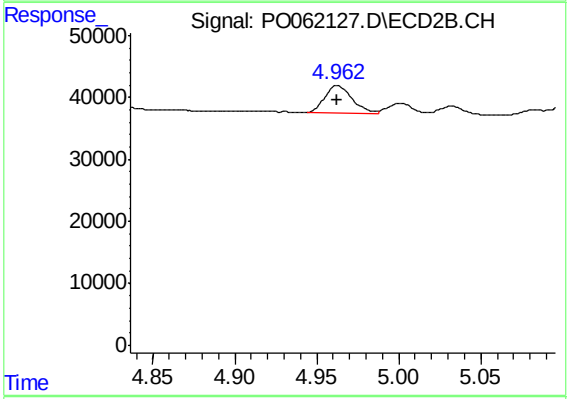
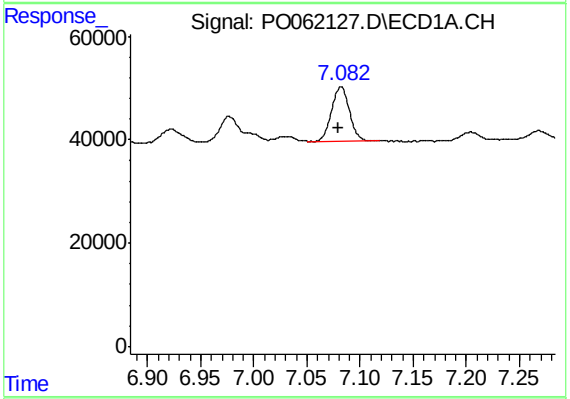


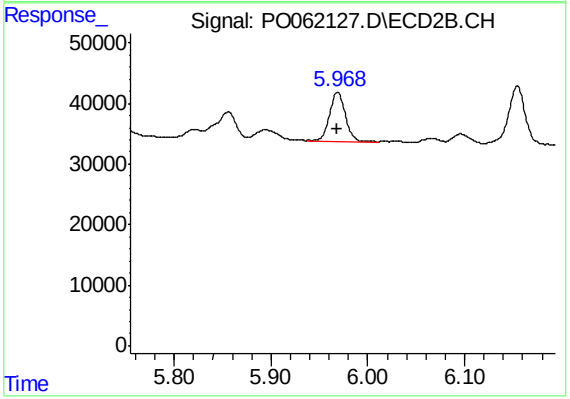
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 52127
Conc: 40.42 ng/ml m



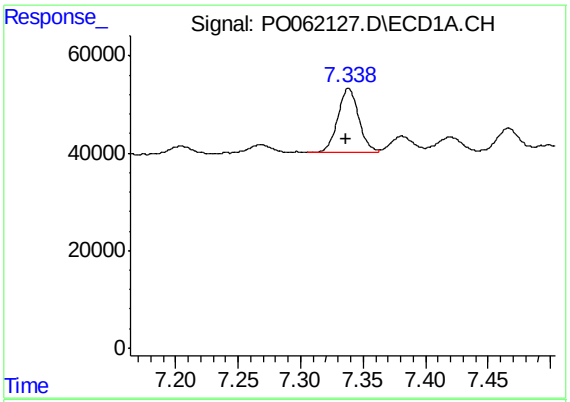
#31 AR-1260-1

R.T.: 7.082 min
Delta R.T.: 0.002 min
Response: 123222
Conc: 43.28 ng/ml



#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 91320
Conc: 42.98 ng/ml



#32 AR-1260-2

R.T.: 7.338 min
Delta R.T.: 0.002 min
Response: 150765
Conc: 43.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
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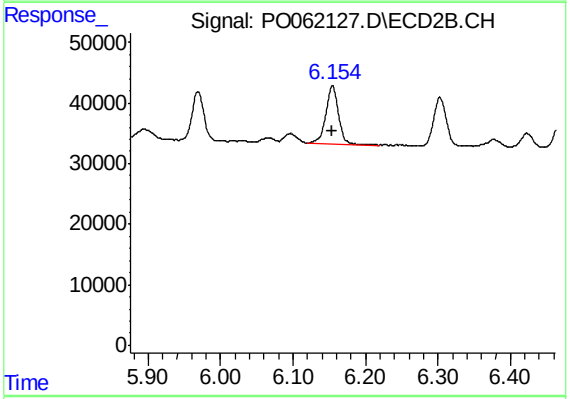
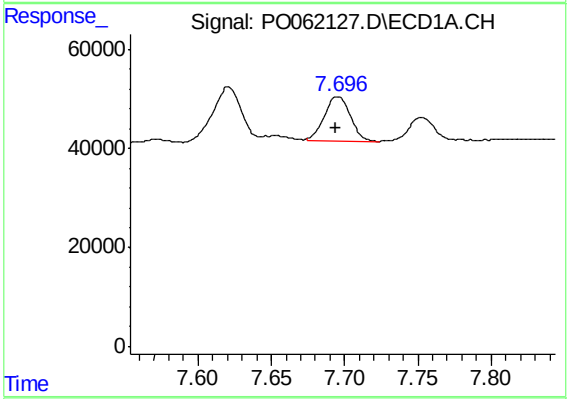


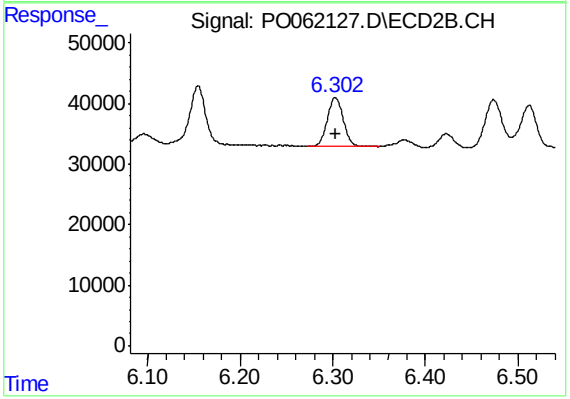
#32 AR-1260-2

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 115792
Conc: 45.63 ng/ml



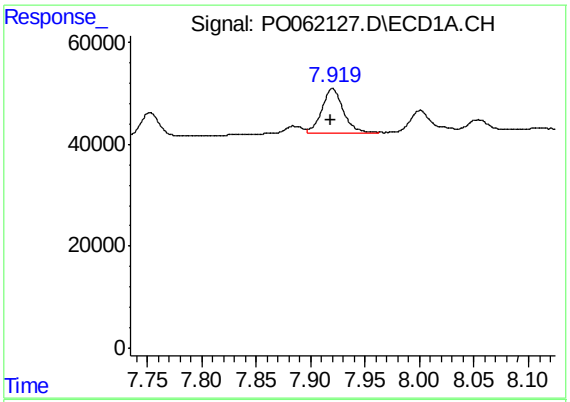
#33 AR-1260-3

R.T.: 7.696 min
Delta R.T.: 0.002 min
Response: 108128
Conc: 40.86 ng/ml



#33 AR-1260-3

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 95317
Conc: 42.21 ng/ml



#34 AR-1260-4

R.T.: 7.920 min
Delta R.T.: 0.002 min
Response: 119066
Conc: 42.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

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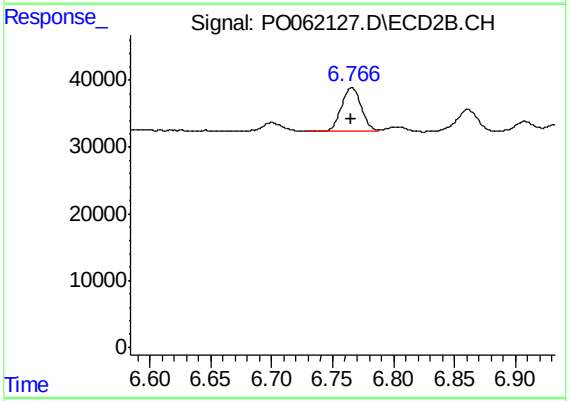
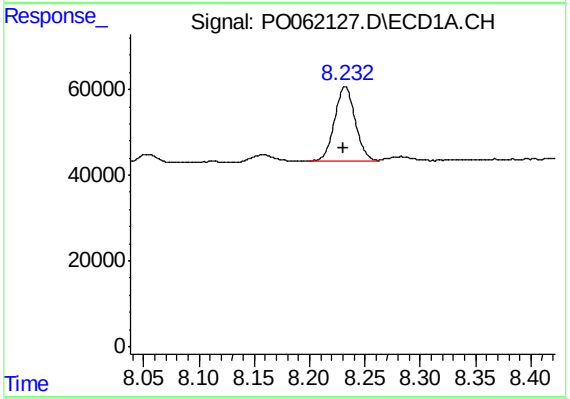


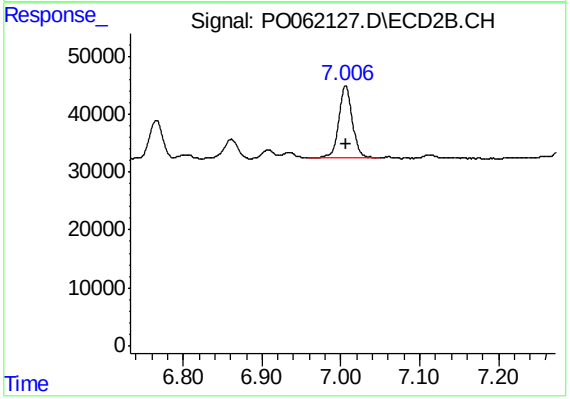
#34 AR-1260-4

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 74249
Conc: 42.29 ng/ml



#35 AR-1260-5

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 223265
Conc: 42.64 ng/ml



#35 AR-1260-5

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 148102
Conc: 41.11 ng/ml