Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101519\
Data File : PO061996.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Oct 2019 9:58
Operator : HP/AJ
Sample : K5111-01
Misc : AR1660 LOD 25 PPB
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Ankita
10/16/2019 2:44:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 15:14:36 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...	4.325	3.484	1093995	825667	17.689	19.255
2)	SA Decachlor...	9.952	8.335	1046549	541361	18.704	18.450
	Target Compounds						
3)	L1 AR-1016-1	5.485	4.527	57833	39862	24.436	25.485m
4)	L1 AR-1016-2	5.508	4.546	85431	50973	25.081	21.915
5)	L1 AR-1016-3	5.568	4.715	56269	28803	27.191	23.302
6)	L1 AR-1016-4	5.667	4.754	40398	22946	23.835m	23.350m
7)	L1 AR-1016-5	5.958	4.962	38155	29997	21.456m	23.262m
31)	L7 AR-1260-1	7.077	5.967	68080	57688	23.912	27.151
32)	L7 AR-1260-2	7.334	6.152	75045	73480	21.876	28.956 #
33)	L7 AR-1260-3	7.690	6.301	56831	55572	21.477	24.610
34)	L7 AR-1260-4	7.915	6.764	65571	53249	23.443	30.327 #
35)	L7 AR-1260-5	8.226	7.005	127155	95458	24.287	26.498

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

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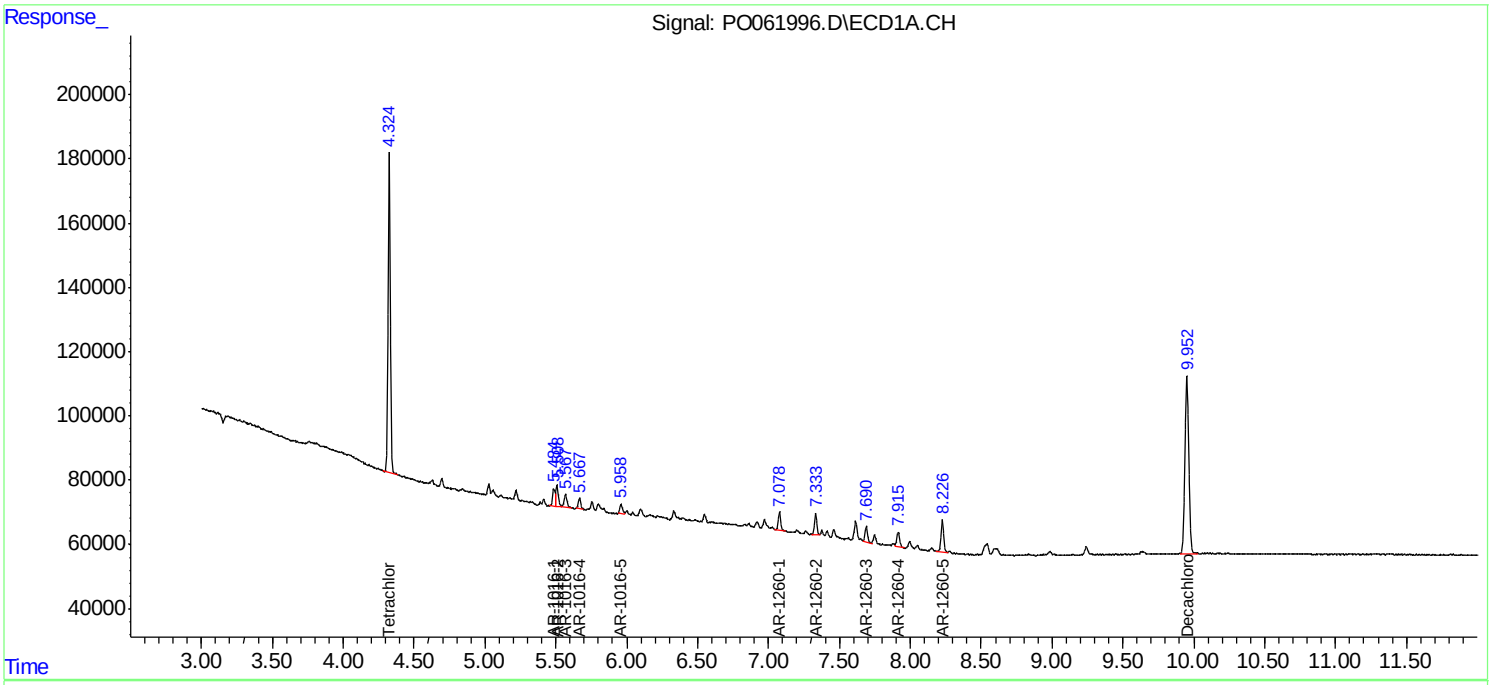

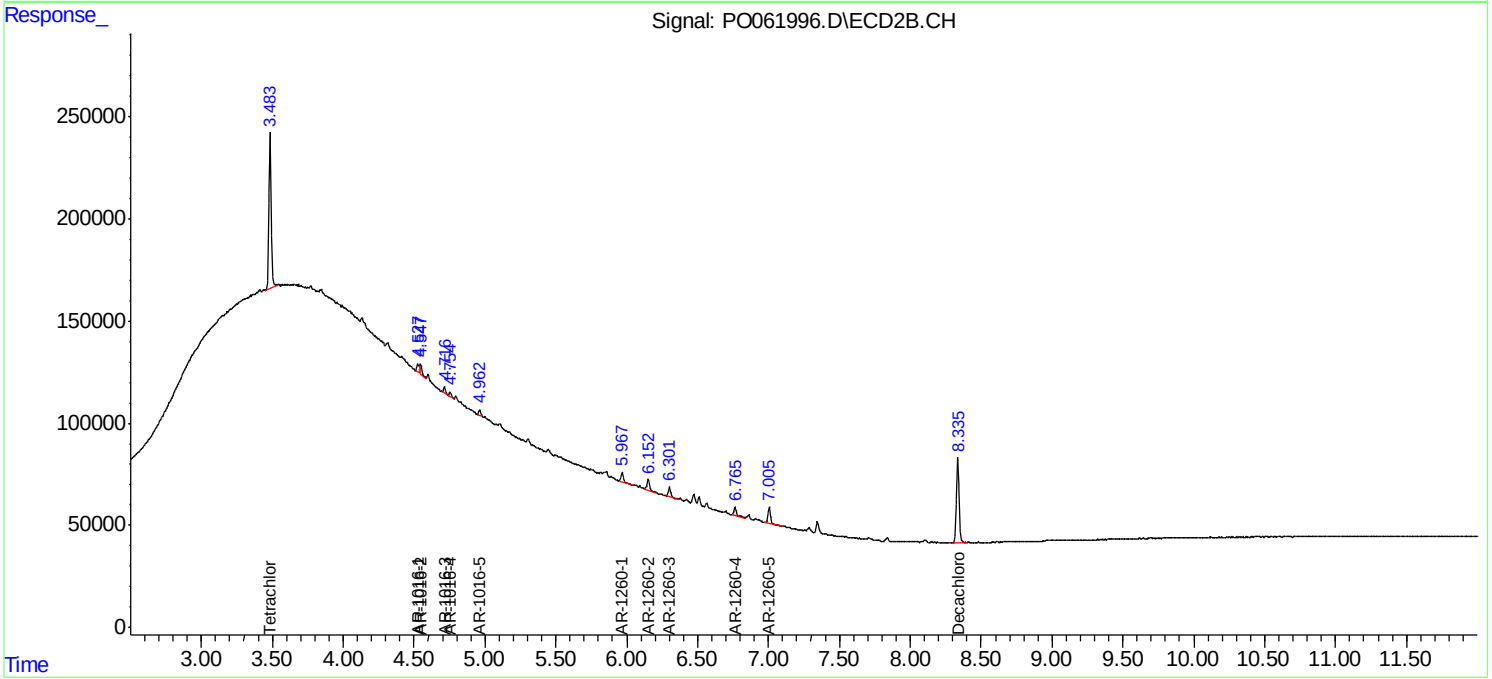

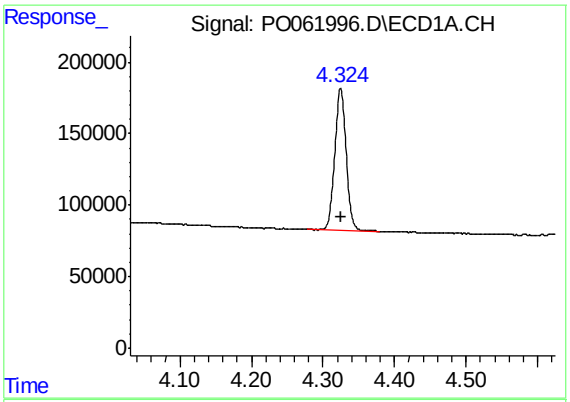

#1 Tetrachloro-m-xylene

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 1093995
Conc: 17.69 ng/ml

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

Manual Integrations APPROVED
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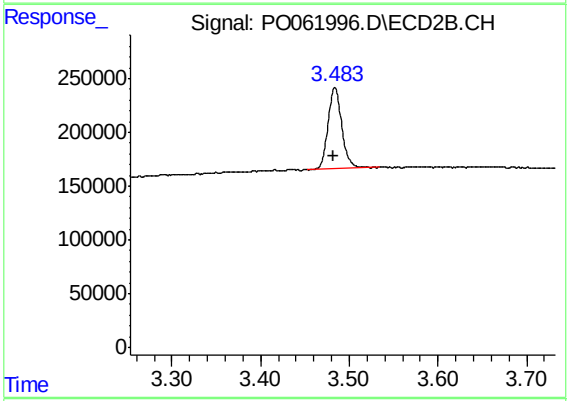
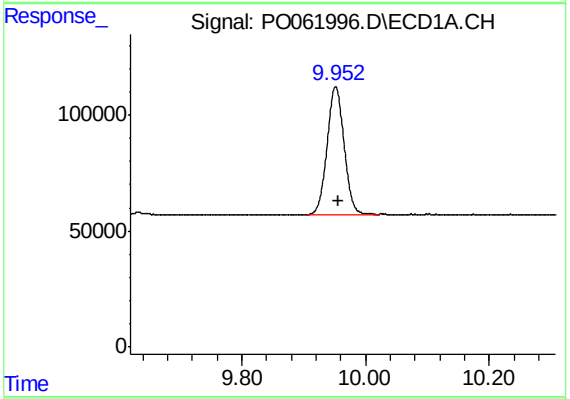


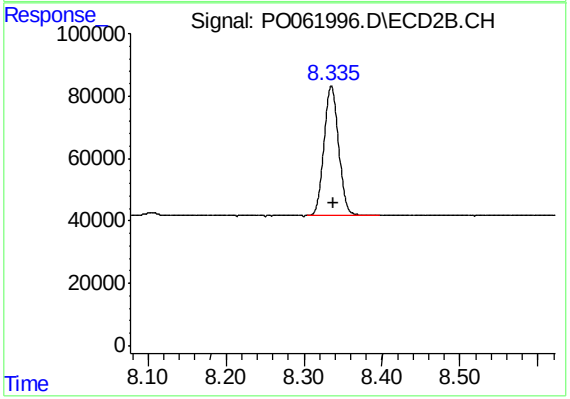
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.002 min
Response: 825667
Conc: 19.25 ng/ml



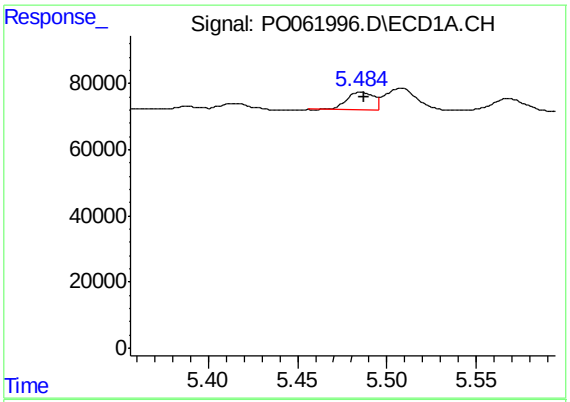
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 1046549
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 541361
Conc: 18.45 ng/ml



#3 AR-1016-1

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 57833
Conc: 24.44 ng/ml

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

Manual Integrations APPROVED
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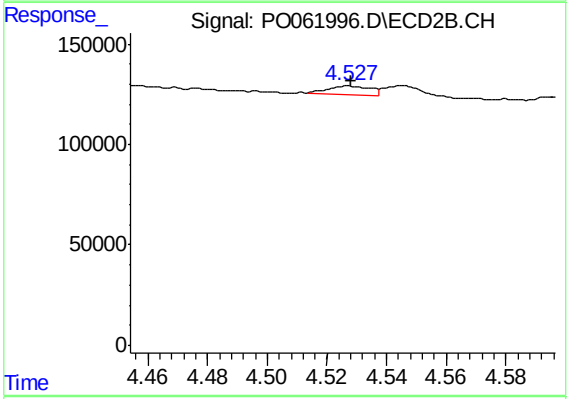
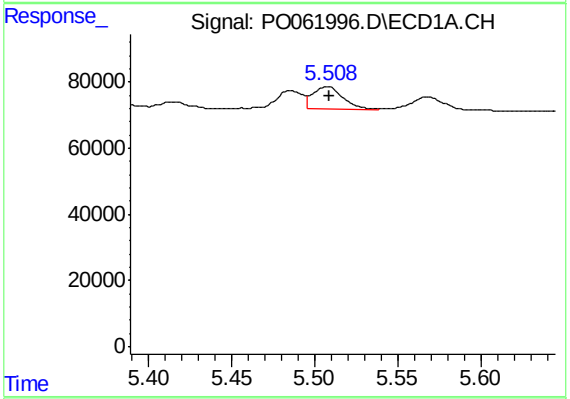


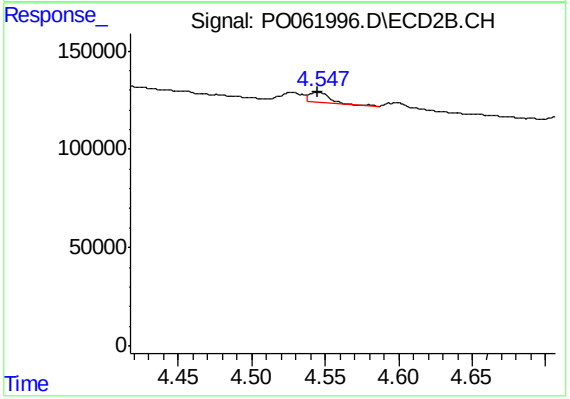
#3 AR-1016-1

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 39862
Conc: 25.48 ng/ml m



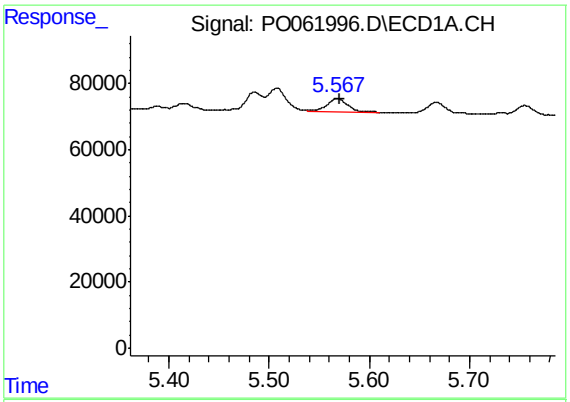
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 85431
Conc: 25.08 ng/ml



#4 AR-1016-2

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 50973
Conc: 21.92 ng/ml



#5 AR-1016-3

R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 56269
Conc: 27.19 ng/ml

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

Manual Integrations APPROVED
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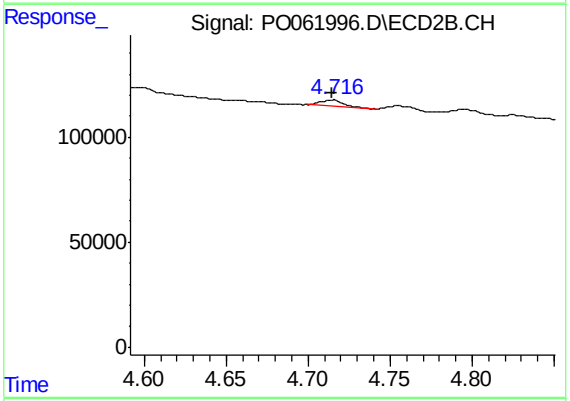
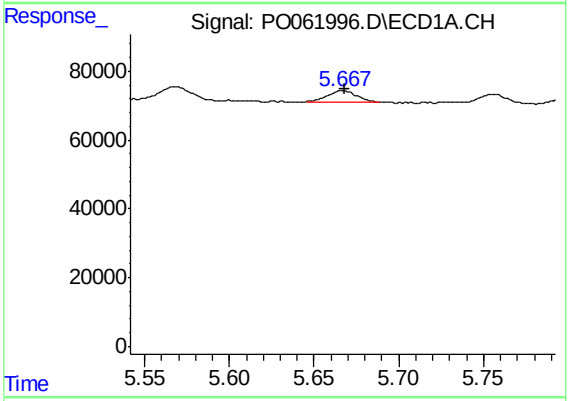


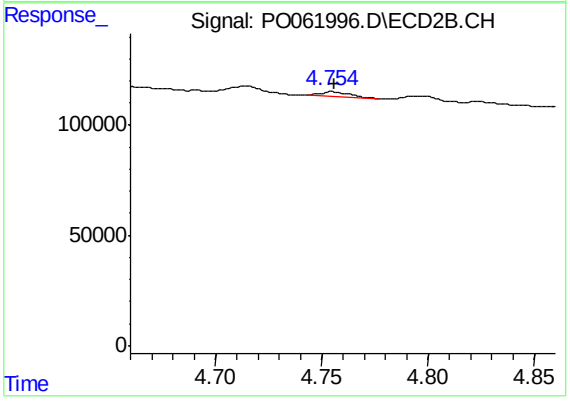
#5 AR-1016-3

R.T.: 4.715 min
Delta R.T.: 0.001 min
Response: 28803
Conc: 23.30 ng/ml



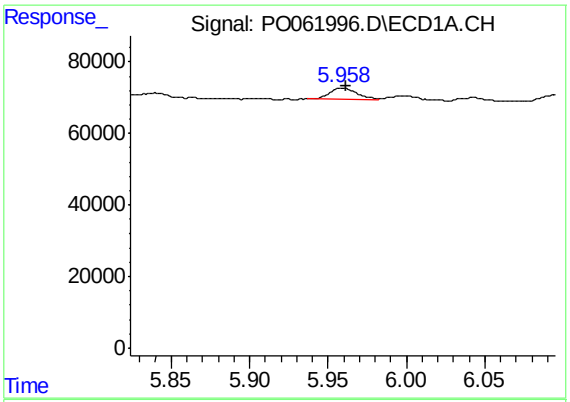
#6 AR-1016-4

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 40398
Conc: 23.83 ng/ml m



#6 AR-1016-4

R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 22946
Conc: 23.35 ng/ml m



#7 AR-1016-5

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 38155
Conc: 21.46 ng/ml m

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

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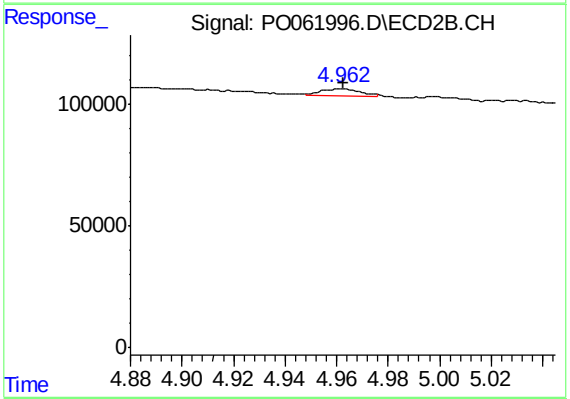
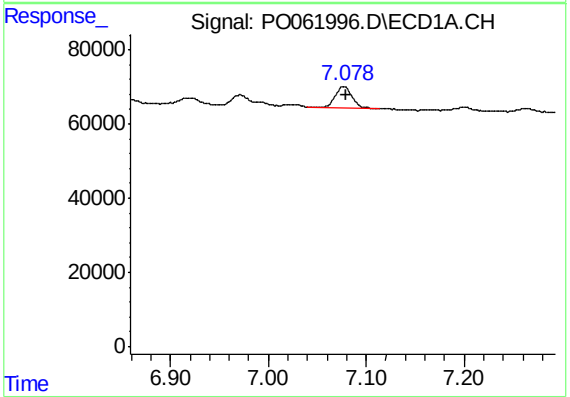


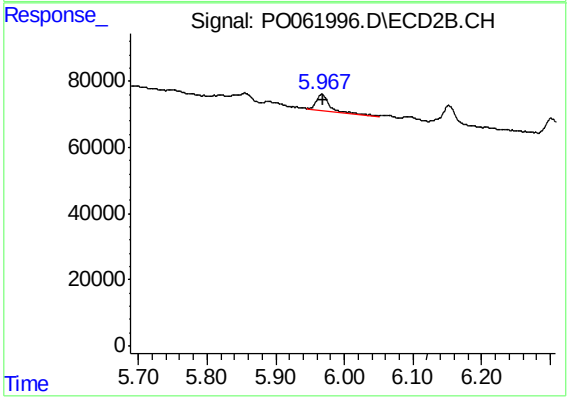
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 29997
Conc: 23.26 ng/ml m



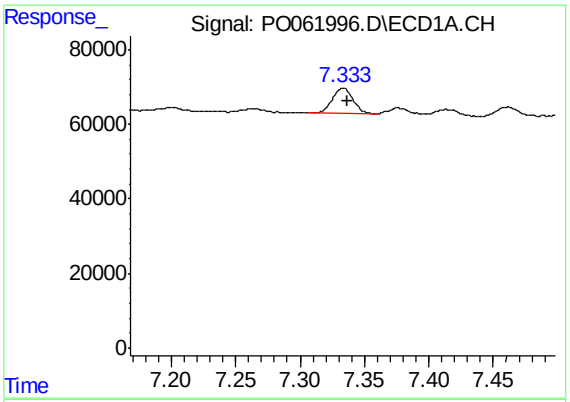
#31 AR-1260-1

R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 68080
Conc: 23.91 ng/ml



#31 AR-1260-1

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 57688
Conc: 27.15 ng/ml



#32 AR-1260-2

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 75045
Conc: 21.88 ng/ml

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

Manual Integrations APPROVED
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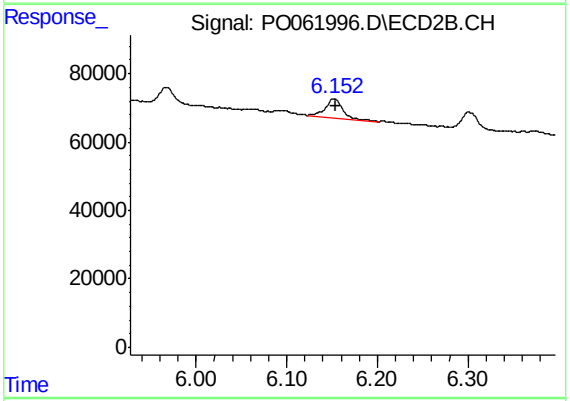
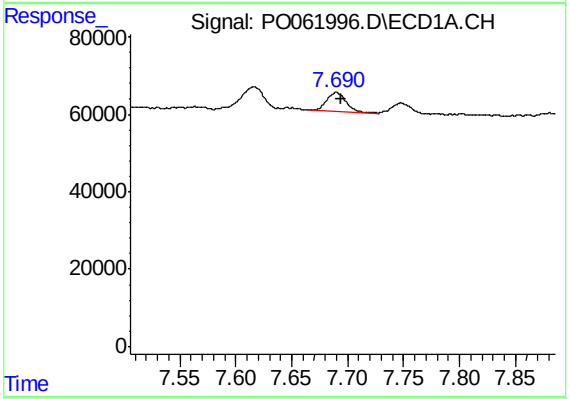


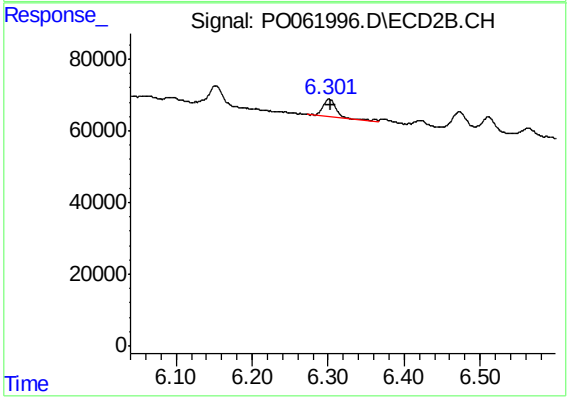
#32 AR-1260-2

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 73480
Conc: 28.96 ng/ml



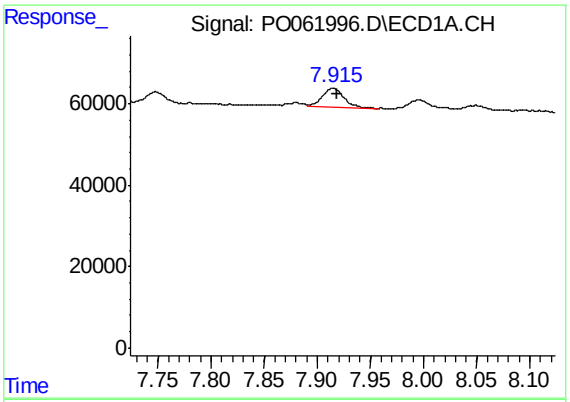
#33 AR-1260-3

R.T.: 7.690 min
Delta R.T.: -0.004 min
Response: 56831
Conc: 21.48 ng/ml



#33 AR-1260-3

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 55572
Conc: 24.61 ng/ml



#34 AR-1260-4

R.T.: 7.915 min
Delta R.T.: -0.003 min
Response: 65571
Conc: 23.44 ng/ml

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

Manual Integrations APPROVED
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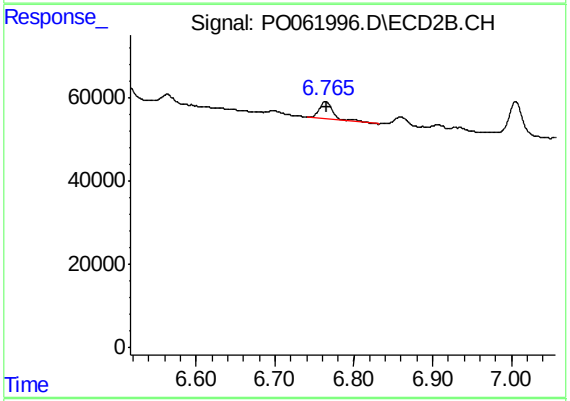
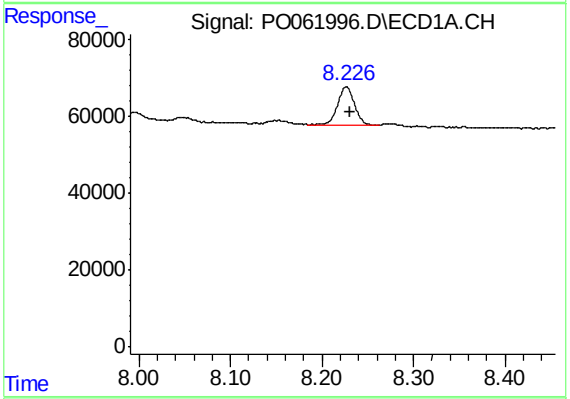


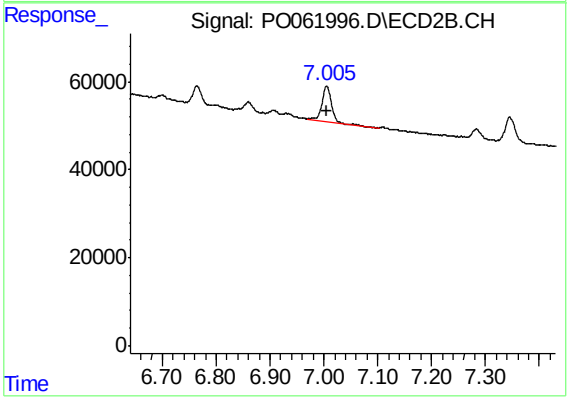
#34 AR-1260-4

R.T.: 6.764 min
Delta R.T.: -0.001 min
Response: 53249
Conc: 30.33 ng/ml



#35 AR-1260-5

R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 127155
Conc: 24.29 ng/ml



#35 AR-1260-5

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 95458
Conc: 26.50 ng/ml