Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\ECD O\Data\PO041118\
Data File : PO043798.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Apr 2018 16:02
Operator : SM/UA
Sample : J1161-01
Misc : AR1660 LOD SOIL 25PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:35:01 2018
Quant Method : P:\HPCHEM1\ECD_O\methods\PO040418.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 04 15:17:57 2018
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...	4.071	3.324	5302120	6097908	29.824	22.695
2) SA	Decachlor...	9.408	8.085	3872075	4497734	21.487m	19.185
	Target Compounds						
3) L1	AR-1016-1	4.933	4.138	209930	239225	47.611	35.086 #
4) L1	AR-1016-2	5.272	4.572	258498	222361	43.658	38.159m
5) L1	AR-1016-3	5.366	4.612	212807	288037	44.088	40.827m
6) L1	AR-1016-4	5.784	4.776	162042	266497	28.880	34.521
7) L1	AR-1016-5	6.016	5.111	91738	444084	19.334	59.634m#
31) L7	AR-1260-1	6.742	5.763	389246	573219	38.636	34.296
32) L7	AR-1260-2	6.993	5.951	475666	954853	37.074	45.125
33) L7	AR-1260-3	7.345	6.266	332614	771450	32.897	35.033
34) L7	AR-1260-4	7.864	6.794	715079	1336582	34.562	36.183
35) L7	AR-1260-5	8.148	7.128	408442	870204	32.625	33.839

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

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Data File : PO043798.D
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Misc : AR1660 LOD SOIL 25PPB
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Instrument :
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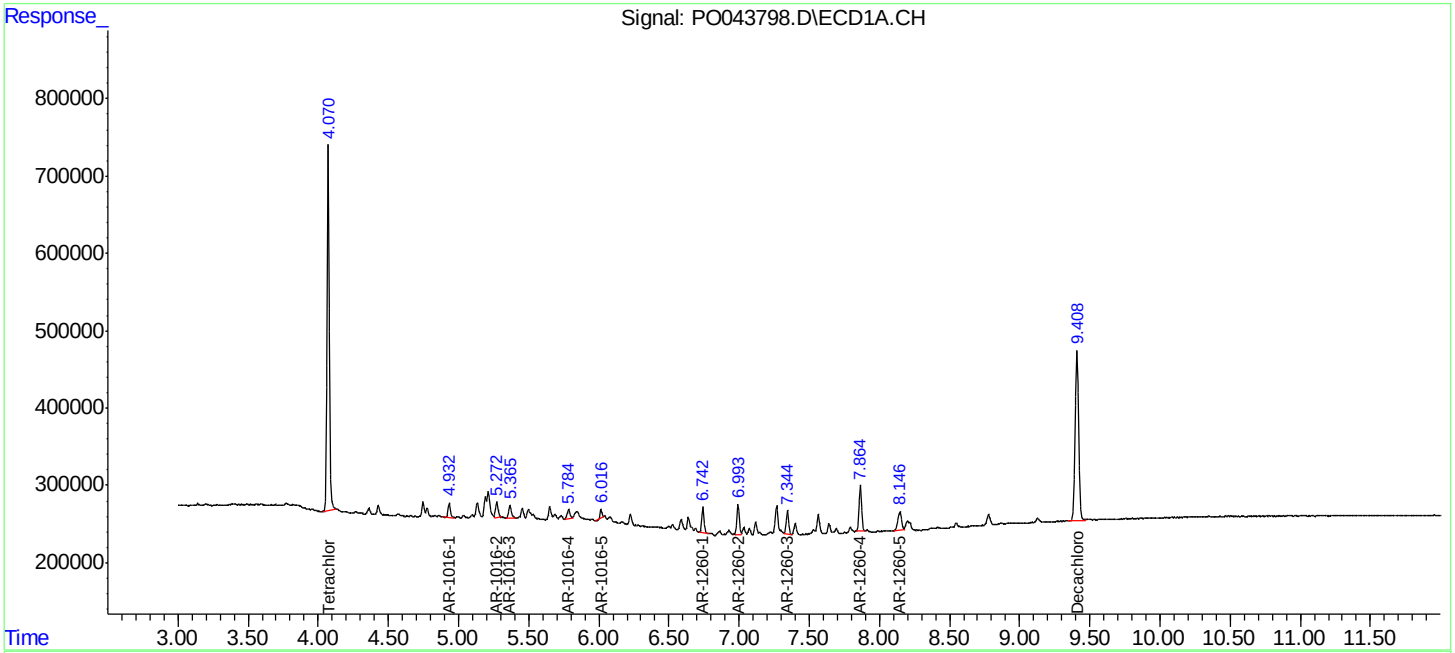

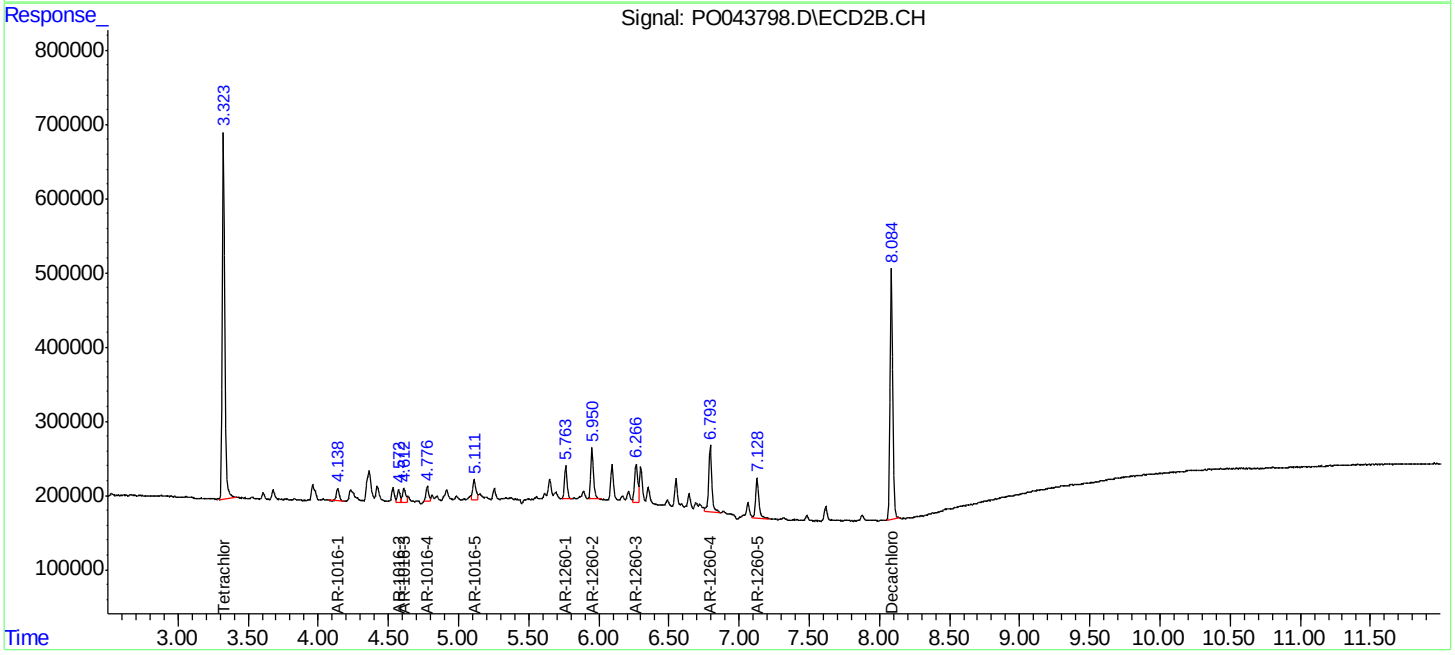

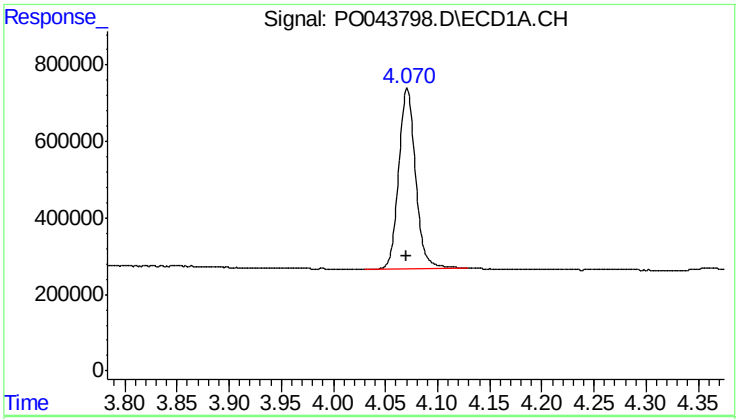

#1 Tetrachloro-m-xylene

R.T.: 4.071 min
Delta R.T.: 0.001 min
Response: 5302120
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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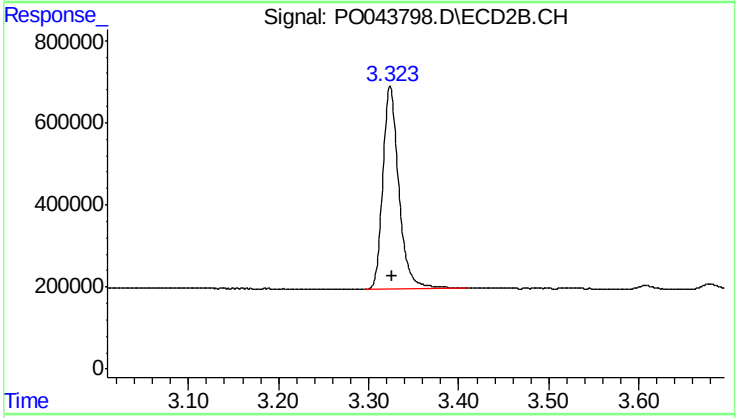
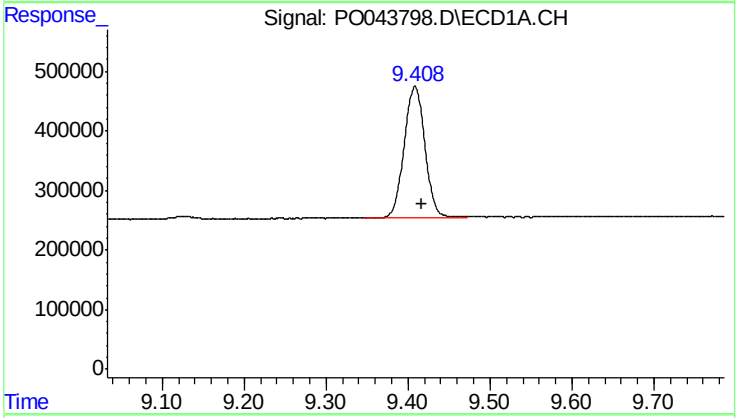


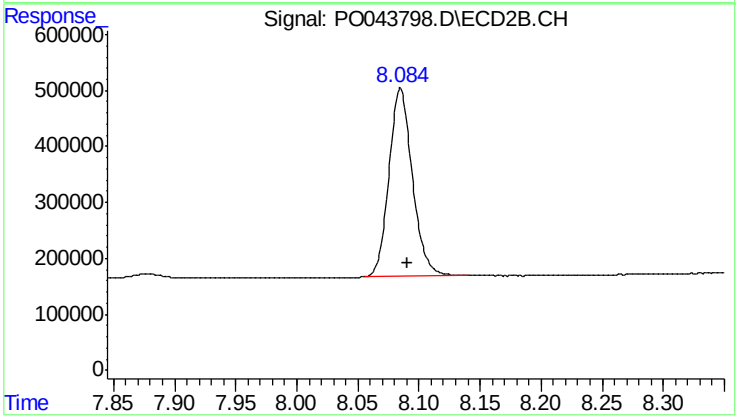
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 6097908
Conc: 22.70 ng/ml



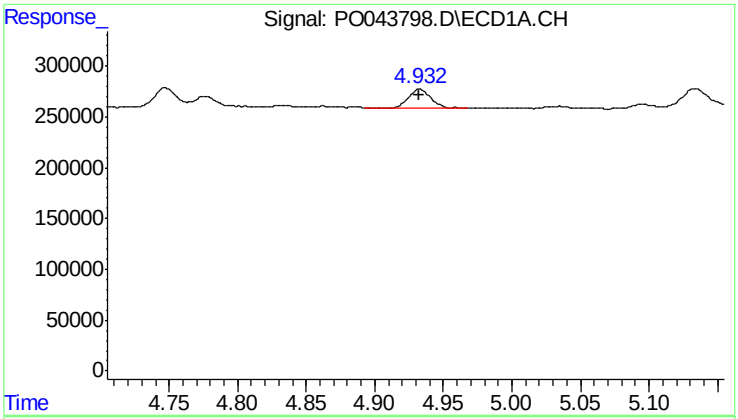
#2 Decachlorobiphenyl

R.T.: 9.408 min
Delta R.T.: -0.009 min
Response: 3872075
Conc: 21.49 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.006 min
Response: 4497734
Conc: 19.18 ng/ml



#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 209930
Conc: 47.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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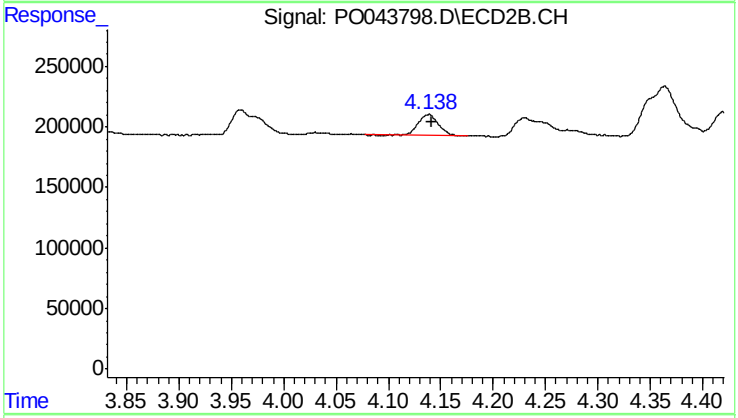
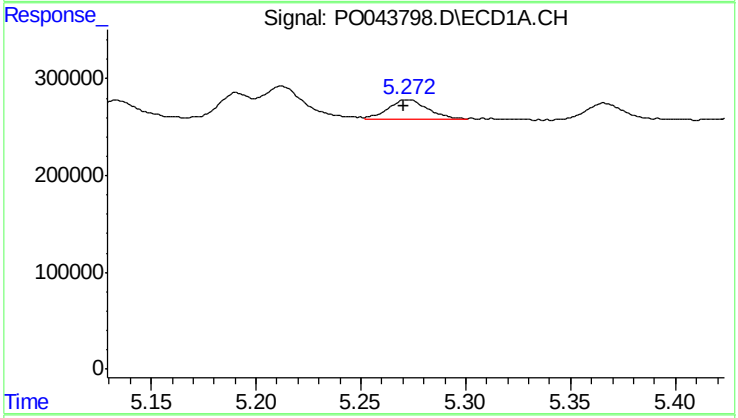


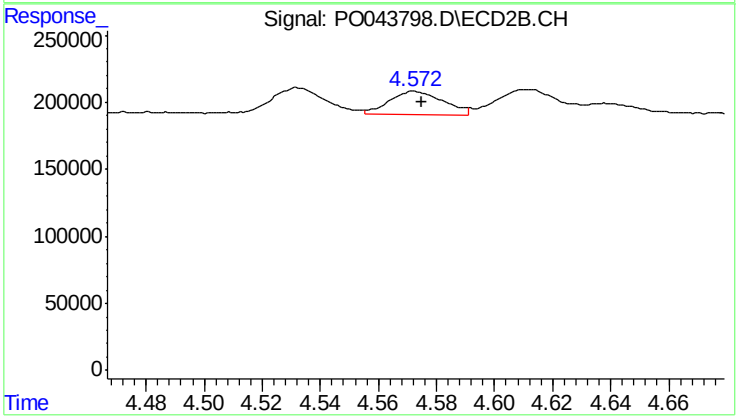
#3 AR-1016-1

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 239225
Conc: 35.09 ng/ml



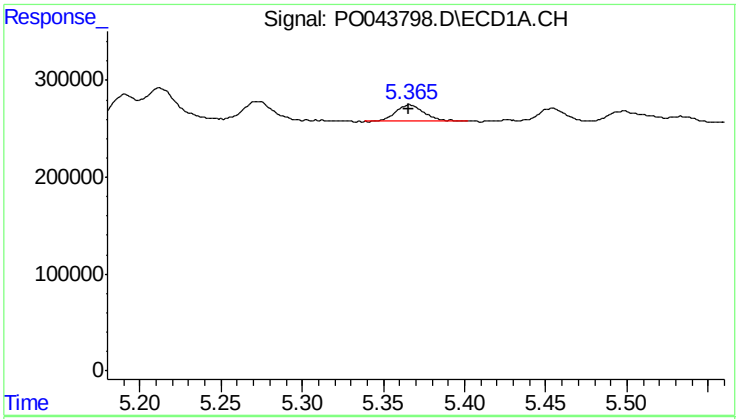
#4 AR-1016-2

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 258498
Conc: 43.66 ng/ml



#4 AR-1016-2

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 222361
Conc: 38.16 ng/ml m



#5 AR-1016-3

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 212807
Conc: 44.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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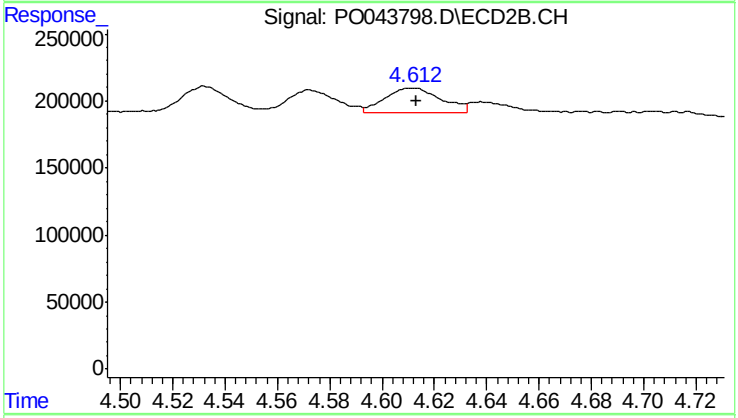
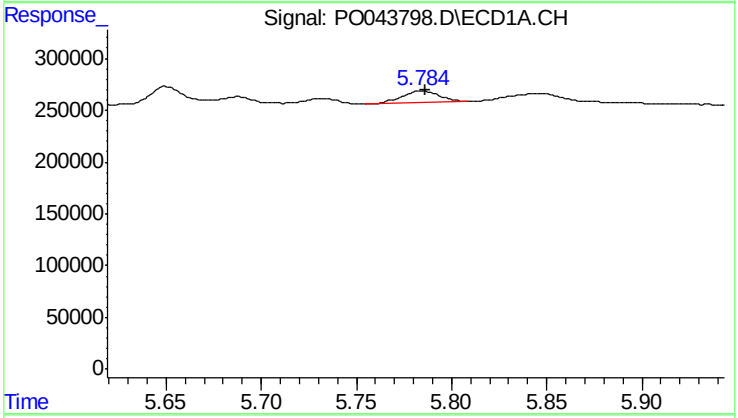


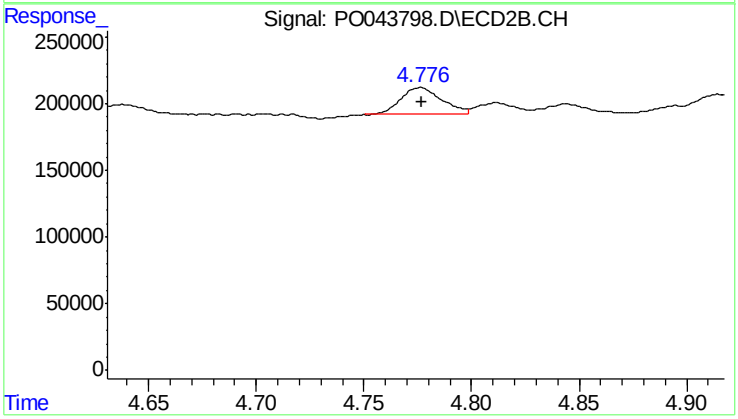
#5 AR-1016-3

R.T.: 4.612 min
Delta R.T.: -0.001 min
Response: 288037
Conc: 40.83 ng/ml m



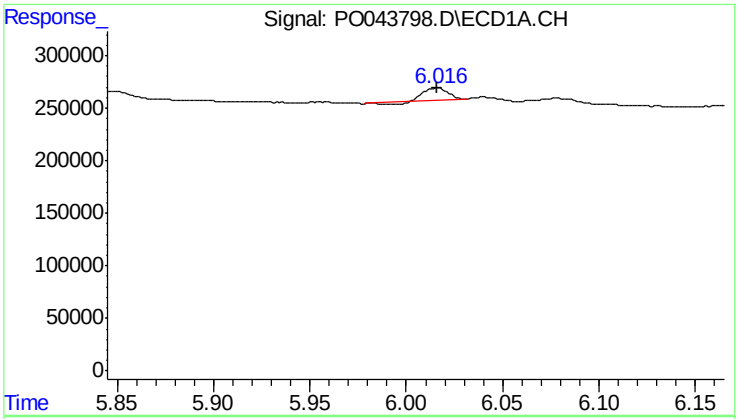
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 162042
Conc: 28.88 ng/ml



#6 AR-1016-4

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 266497
Conc: 34.52 ng/ml



#7 AR-1016-5

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 91738
Conc: 19.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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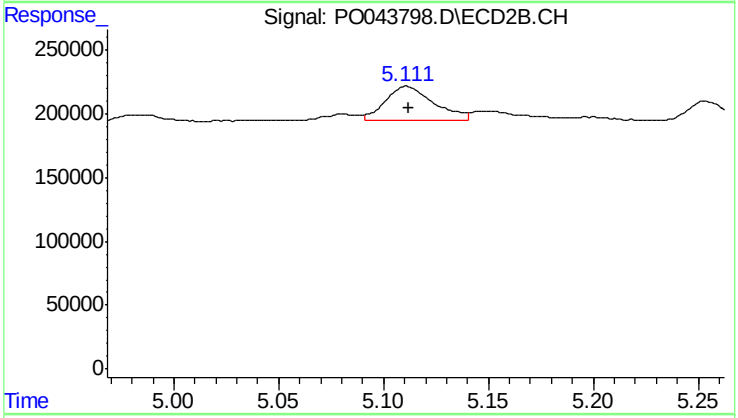
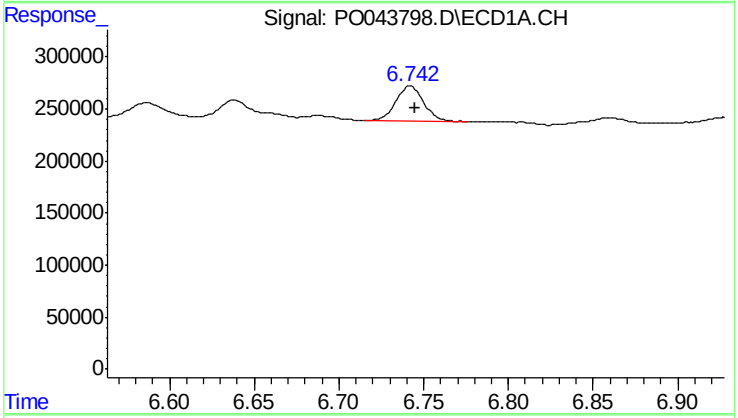


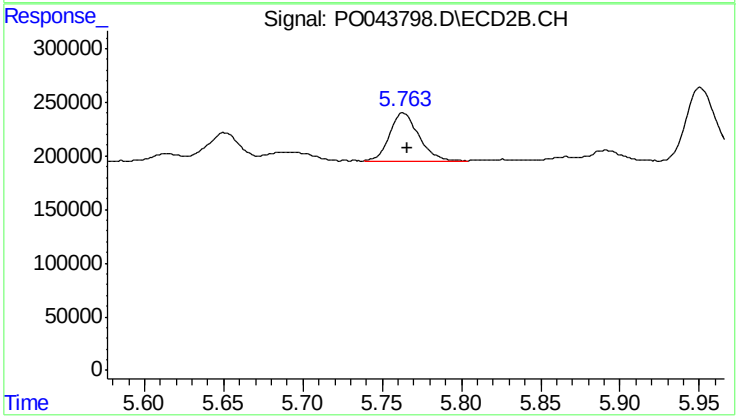
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 444084
Conc: 59.63 ng/ml m



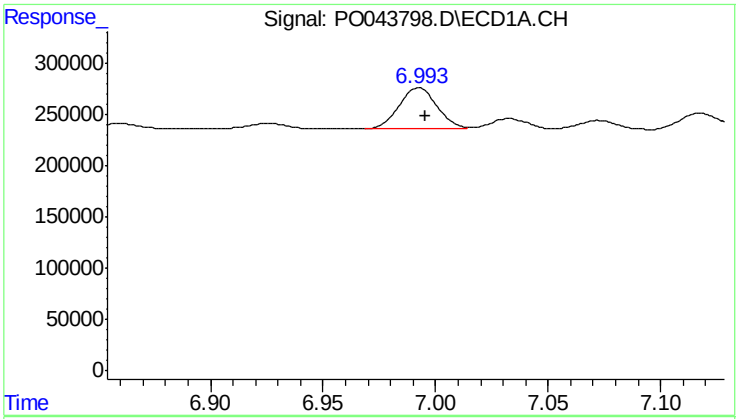
#31 AR-1260-1

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 389246
Conc: 38.64 ng/ml



#31 AR-1260-1

R.T.: 5.763 min
Delta R.T.: -0.003 min
Response: 573219
Conc: 34.30 ng/ml



#32 AR-1260-2

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 475666
Conc: 37.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Manual Integrations APPROVED
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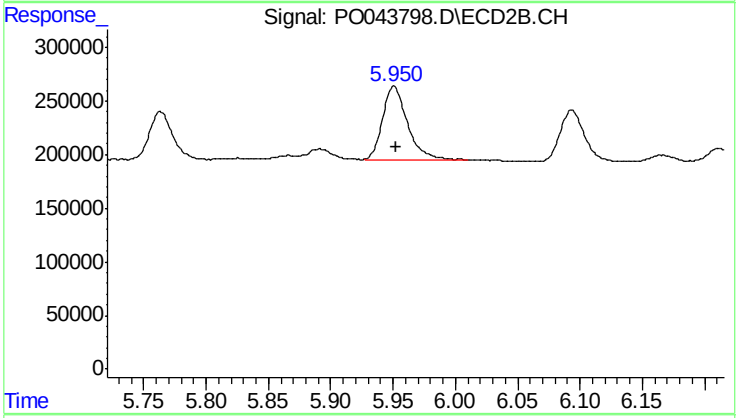
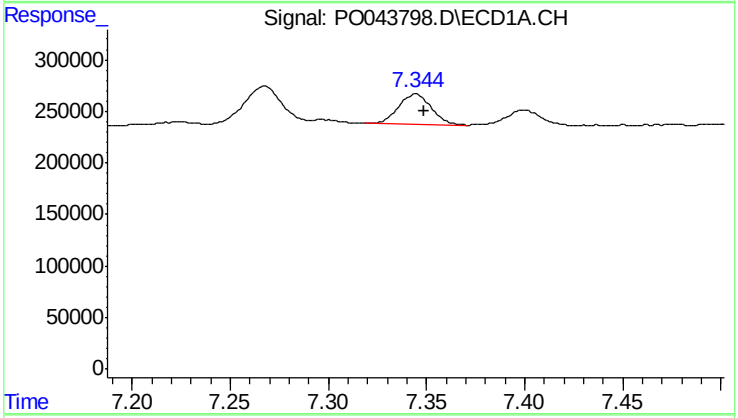


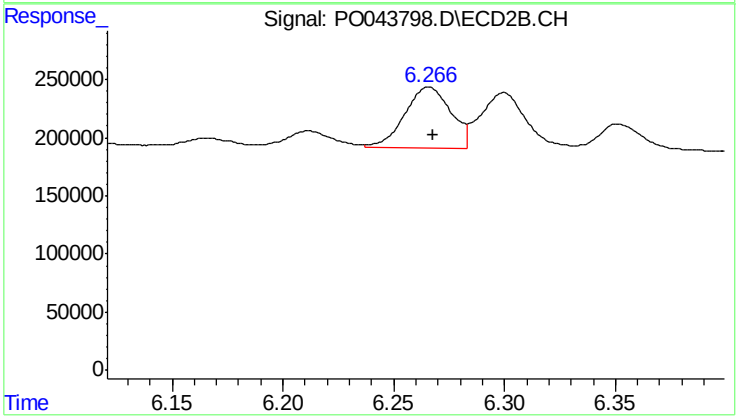
#32 AR-1260-2

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 954853
Conc: 45.13 ng/ml



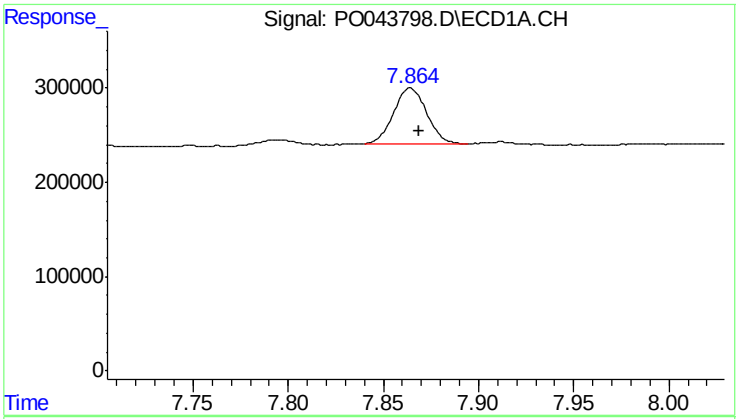
#33 AR-1260-3

R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 332614
Conc: 32.90 ng/ml



#33 AR-1260-3

R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 771450
Conc: 35.03 ng/ml



#34 AR-1260-4

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 715079
Conc: 34.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
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Manual Integrations APPROVED
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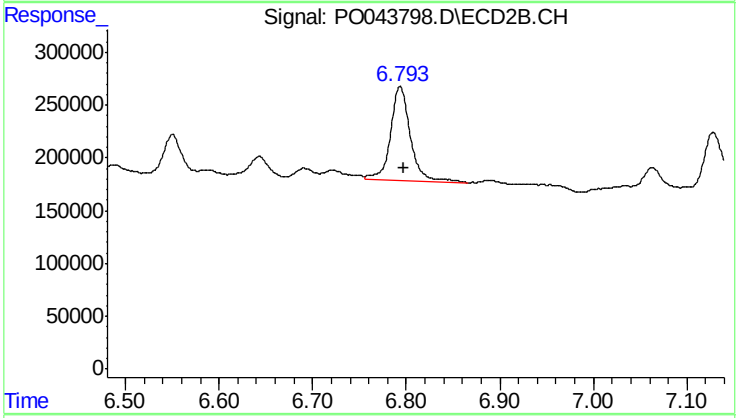
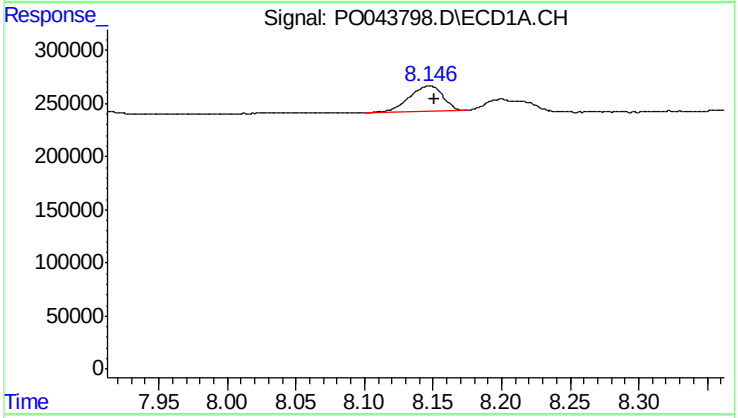


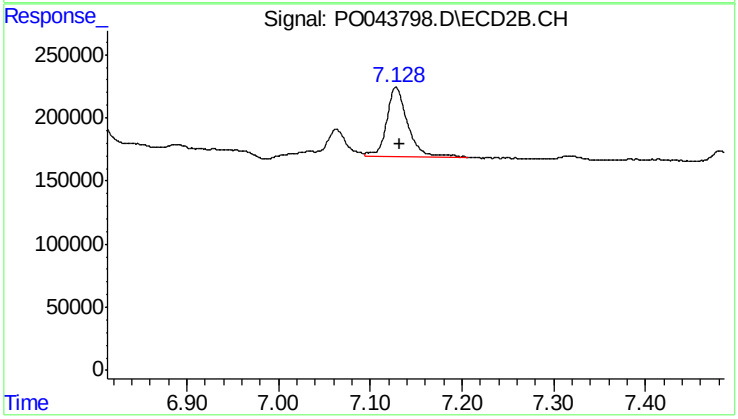
#34 AR-1260-4

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 1336582
Conc: 36.18 ng/ml



#35 AR-1260-5

R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 408442
Conc: 32.62 ng/ml



#35 AR-1260-5

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 870204
Conc: 33.84 ng/ml