Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040919\
Data File : PO055067.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Apr 2019 13:18
Operator : SM/SJ
Sample : K1560-03
Misc : AR1660 MDL 100PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 05:49:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 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...	4.299	3.609	925044	859412	26.654	26.930m
2)	SA Decachlor...	9.920	8.581	1054787	749372	21.396	23.529
	Target Compounds						
3)	L1 AR-1016-1	5.462	4.686	76318	63643	42.413	40.245m
4)	L1 AR-1016-2	5.484	4.706	103185	87491	41.545	40.831
5)	L1 AR-1016-3	5.545	4.881	71659	46703	45.548	38.654
6)	L1 AR-1016-4	5.643	4.921	56394	39227	43.277	38.818
7)	L1 AR-1016-5	5.936	5.133	57009	46040	42.727	35.323m
31)	L7 AR-1260-1	7.056	6.160	119832	102720	47.692	44.698
32)	L7 AR-1260-2	7.313	6.346	138540	128314	44.639	46.613
33)	L7 AR-1260-3	7.670	6.501	96974	110858	39.511	43.003
34)	L7 AR-1260-4	7.895	6.970	104617	81684	37.822	38.382
35)	L7 AR-1260-5	8.206	7.210	181656	175152	32.739	36.572

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

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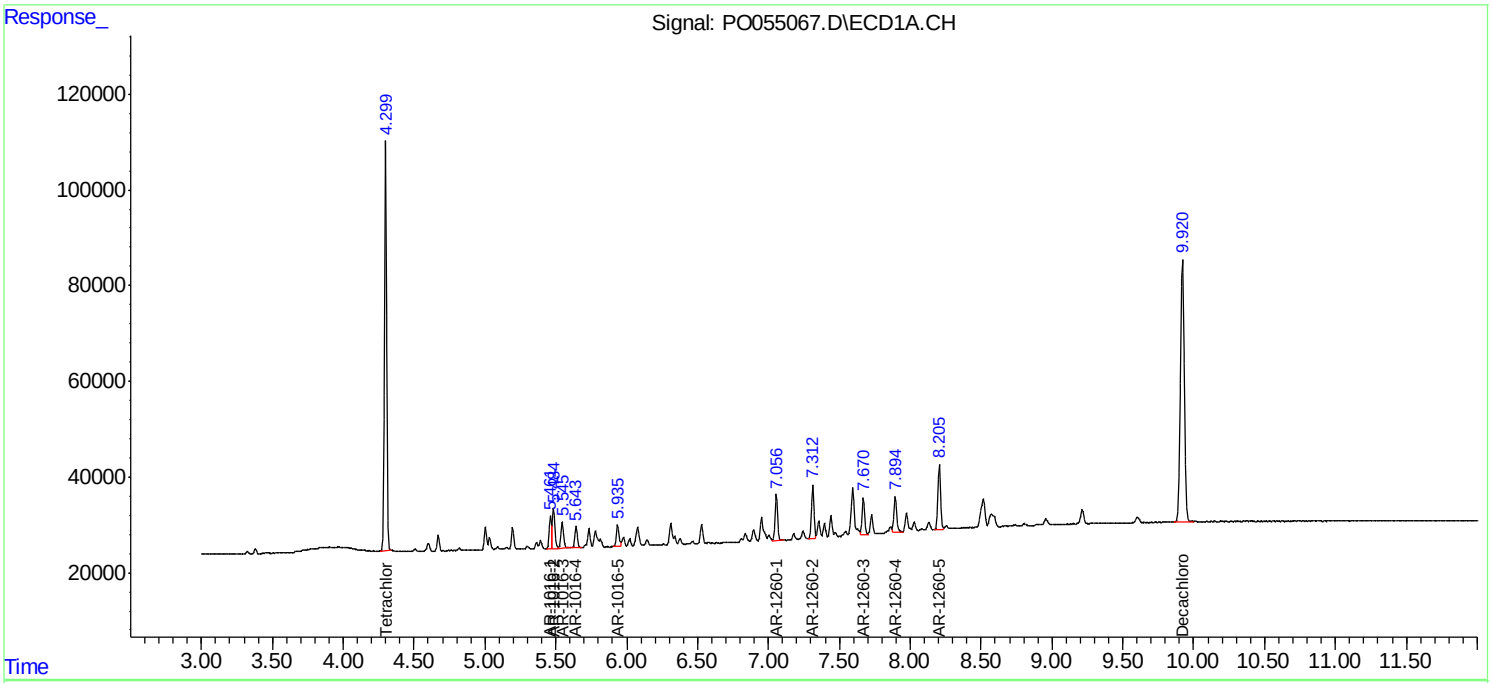

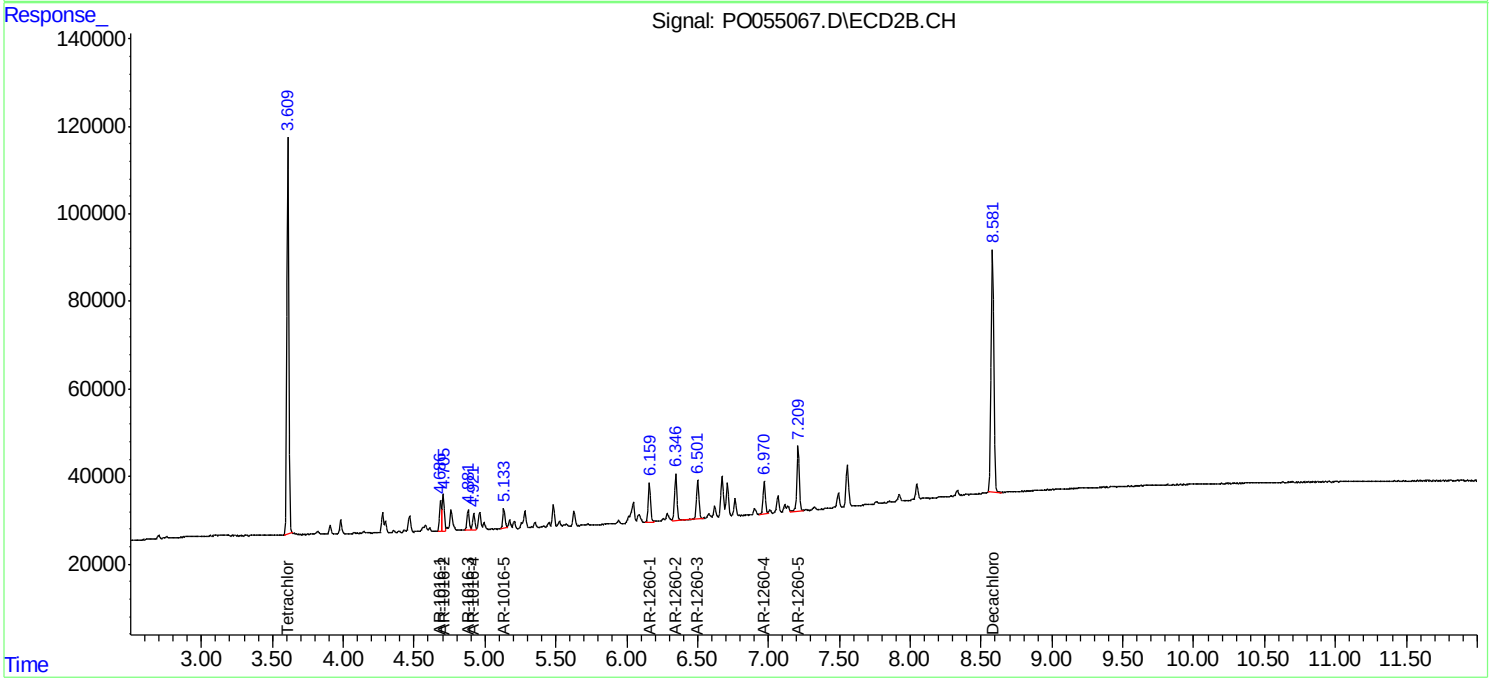

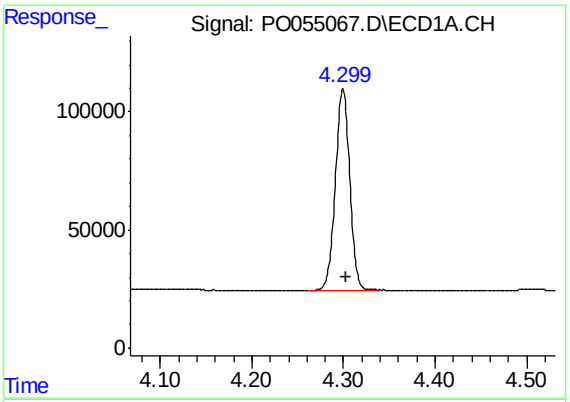

#1 Tetrachloro-m-xylene

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 925044
Conc: 26.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

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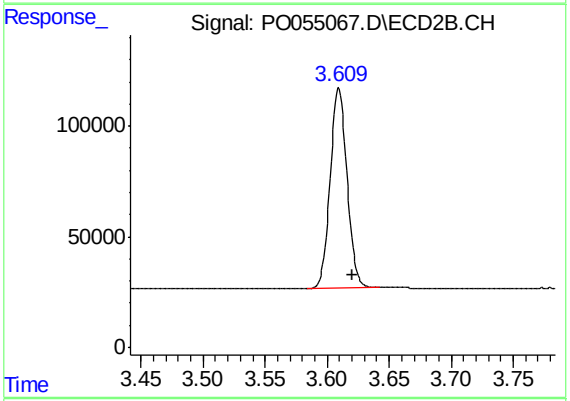
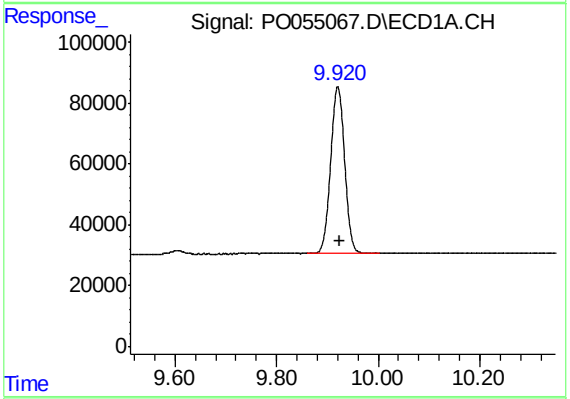


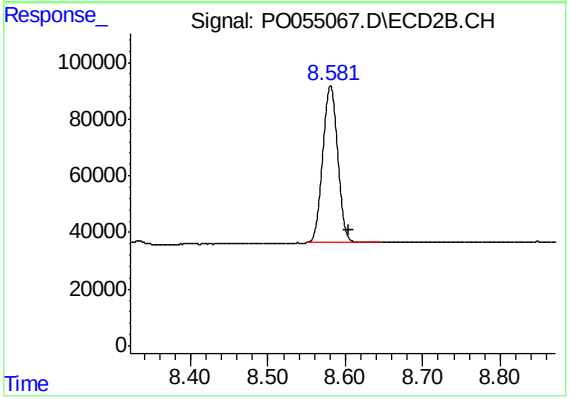
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.012 min
Response: 859412
Conc: 26.93 ng/ml m



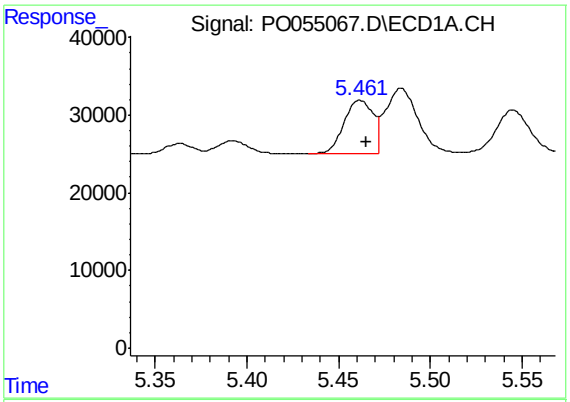
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.003 min
Response: 1054787
Conc: 21.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.023 min
Response: 749372
Conc: 23.53 ng/ml



#3 AR-1016-1

R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 76318
Conc: 42.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
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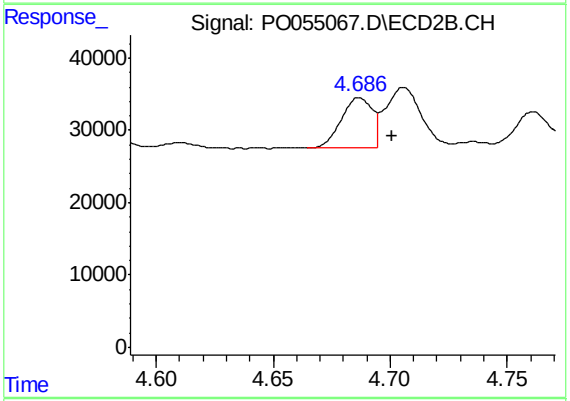
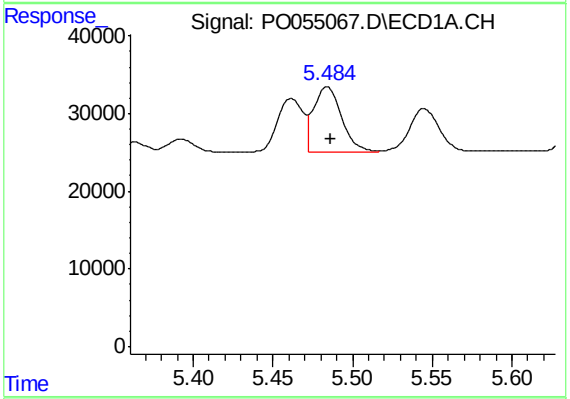


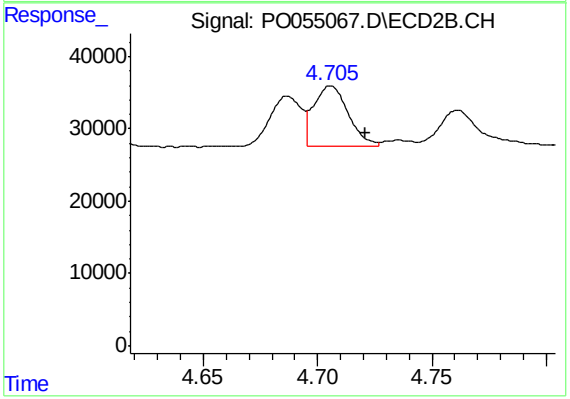
#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: -0.015 min
Response: 63643
Conc: 40.25 ng/ml m



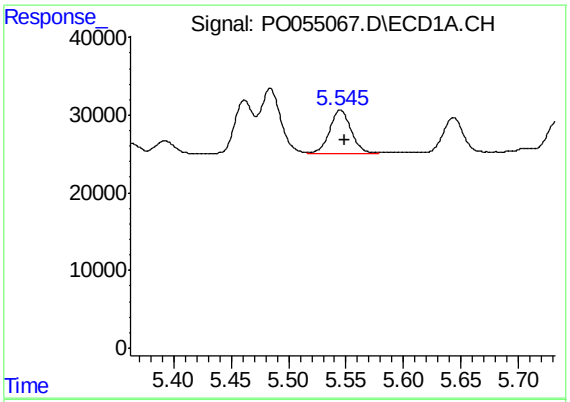
#4 AR-1016-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 103185
Conc: 41.55 ng/ml



#4 AR-1016-2

R.T.: 4.706 min
Delta R.T.: -0.015 min
Response: 87491
Conc: 40.83 ng/ml



#5 AR-1016-3

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 71659
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
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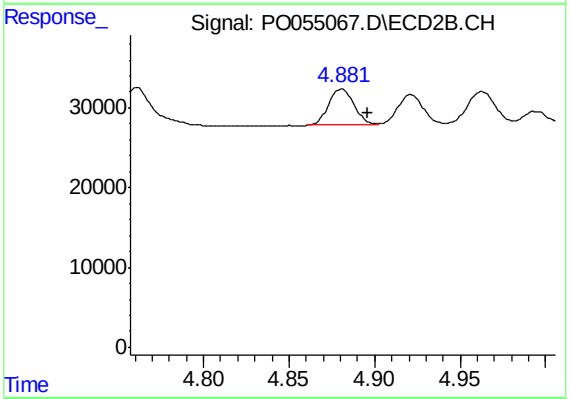
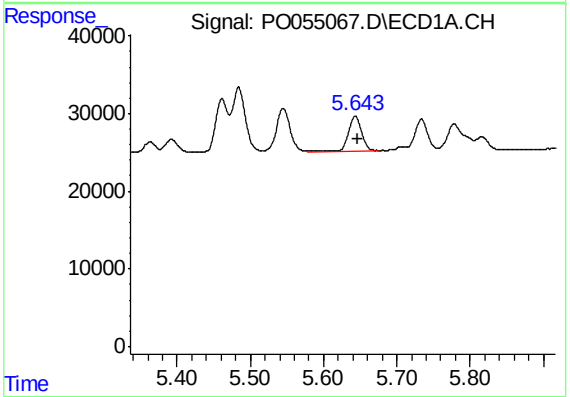


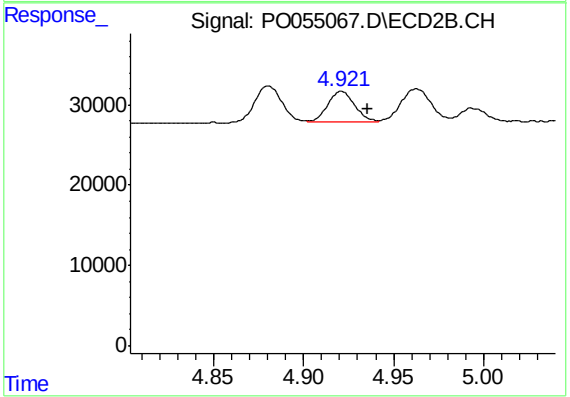
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.015 min
Response: 46703
Conc: 38.65 ng/ml



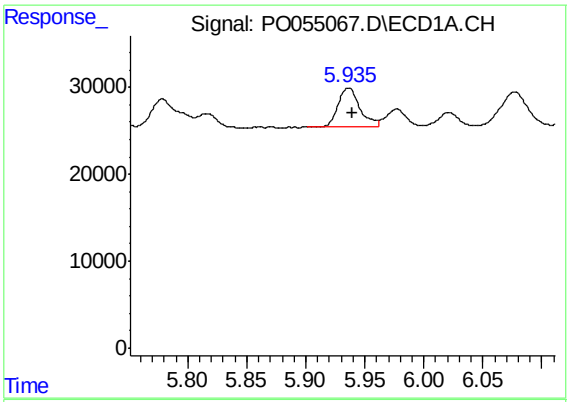
#6 AR-1016-4

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 56394
Conc: 43.28 ng/ml



#6 AR-1016-4

R.T.: 4.921 min
Delta R.T.: -0.015 min
Response: 39227
Conc: 38.82 ng/ml



#7 AR-1016-5

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 57009
Conc: 42.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

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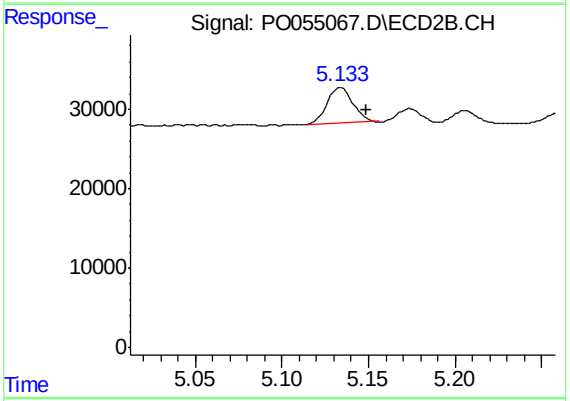
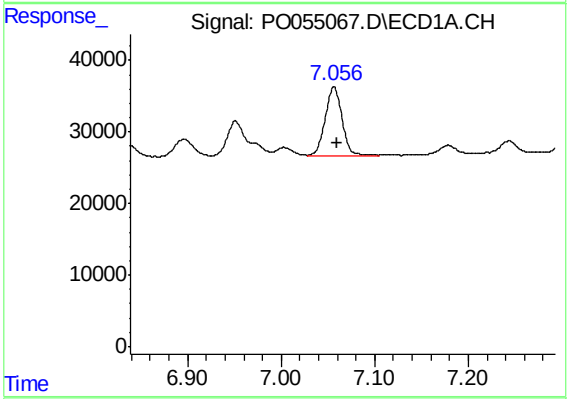


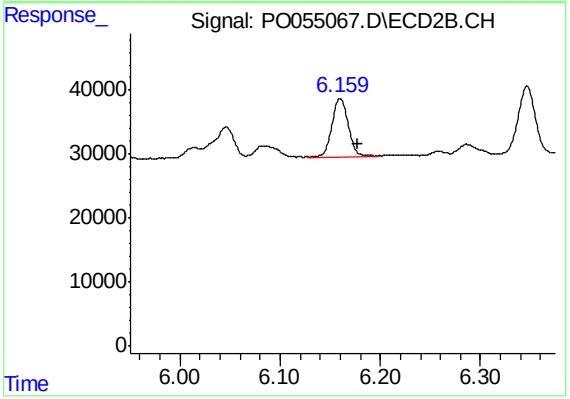
#7 AR-1016-5

R.T.: 5.133 min
Delta R.T.: -0.015 min
Response: 46040
Conc: 35.32 ng/ml m



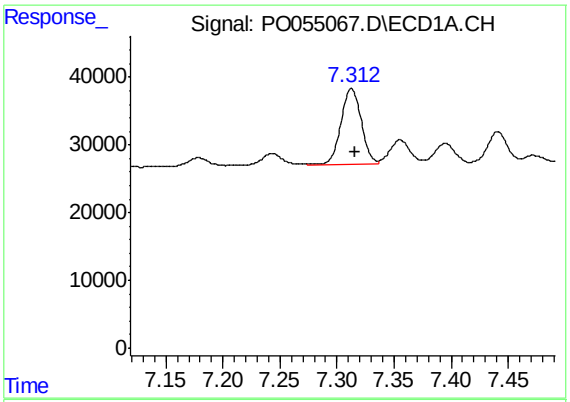
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 119832
Conc: 47.69 ng/ml



#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: -0.017 min
Response: 102720
Conc: 44.70 ng/ml



#32 AR-1260-2

R.T.: 7.313 min
Delta R.T.: -0.004 min
Response: 138540
Conc: 44.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
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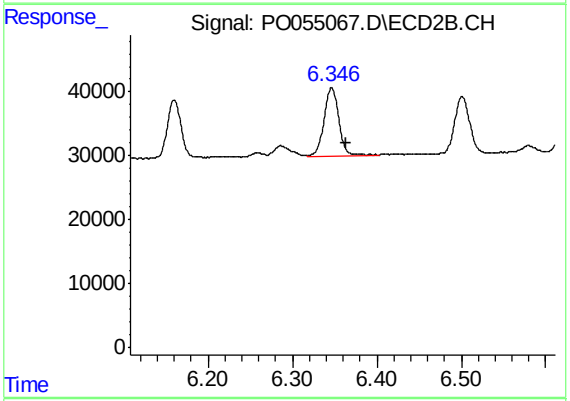
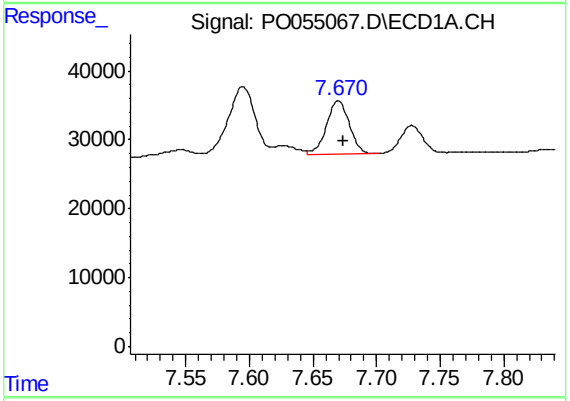


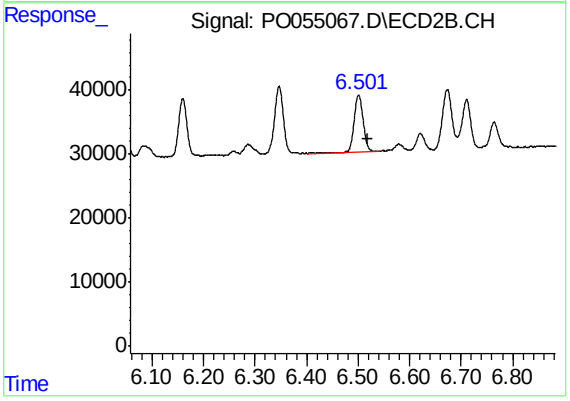
#32 AR-1260-2

R.T.: 6.346 min
Delta R.T.: -0.017 min
Response: 128314
Conc: 46.61 ng/ml



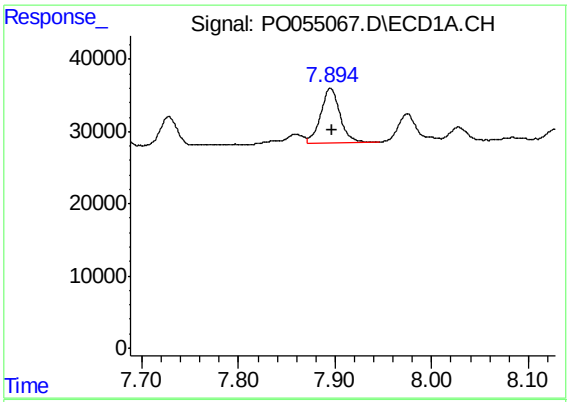
#33 AR-1260-3

R.T.: 7.670 min
Delta R.T.: -0.004 min
Response: 96974
Conc: 39.51 ng/ml



#33 AR-1260-3

R.T.: 6.501 min
Delta R.T.: -0.017 min
Response: 110858
Conc: 43.00 ng/ml



#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 104617
Conc: 37.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
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Manual Integrations APPROVED
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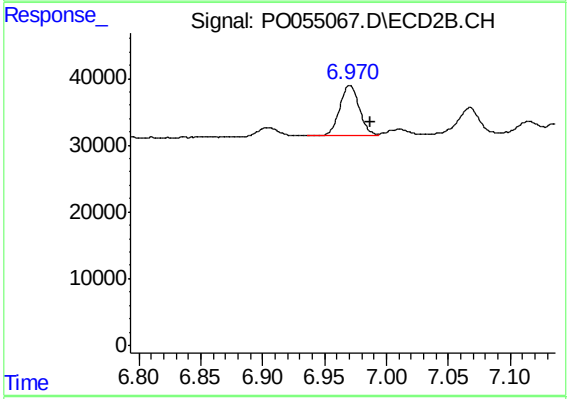
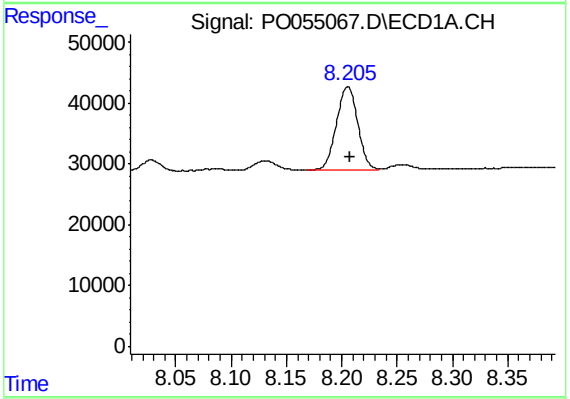


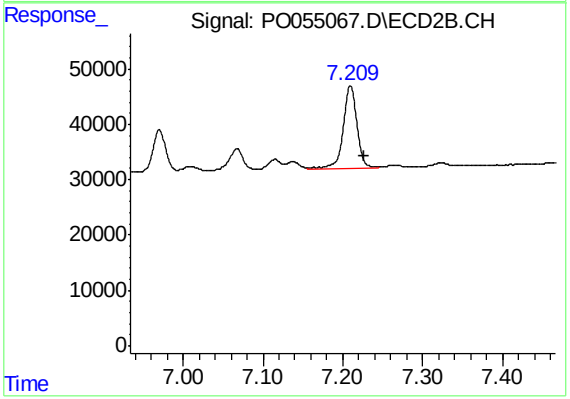
#34 AR-1260-4

R.T.: 6.970 min
Delta R.T.: -0.017 min
Response: 81684
Conc: 38.38 ng/ml



#35 AR-1260-5

R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 181656
Conc: 32.74 ng/ml



#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: -0.017 min
Response: 175152
Conc: 36.57 ng/ml