Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042419\
Data File : PO055623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Apr 2019 20:02
Operator : SM/SJ
Sample : K2241-01
Misc : AR1248 LOD 40PPB
ALS Vial : 18 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId : LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:05:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO042419.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 25 01:58:33 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...	4.287	3.598	442928	445562	17.481	18.296	
2)	SA Decachlor...	9.898	8.559	751666	532344	17.516	17.318	
	Target Compounds							
3)	L1 AR-1016-1	5.449	4.672	32823	29953	26.427	25.962	
4)	L1 AR-1016-2	5.472	4.692	37881	26373	22.103	16.929	
5)	L1 AR-1016-3	5.532	4.866	23527	19139	21.088	22.013	
6)	L1 AR-1016-4	5.630	4.906	22517	39222	24.419	55.780	#
7)	L1 AR-1016-5	5.923	5.119	54860	51367	55.584	54.273	
12)	L3 AR-1232-2	5.184	4.692	13725	26373	35.405	36.304	
13)	L3 AR-1232-3	5.472	4.866	37881	19139	49.146	47.474	
14)	L3 AR-1232-4	5.630	4.948	22517	37750	54.519	109.838	#
15)	L3 AR-1232-5	5.720	5.119	57980	51367	170.826	127.603	#
16)	L4 AR-1242-1	5.449	4.672	32823	29953	33.320	32.477	
17)	L4 AR-1242-2	5.472	4.692	37881	26373	27.629	21.296	
18)	L4 AR-1242-3	5.532	4.866	23527	19139	26.190	26.817	
19)	L4 AR-1242-4	5.630	4.948	22517	37750	30.583	55.117	#
20)	L4 AR-1242-5	6.363	5.468	63096	74103	68.330	74.069	
21)	L5 AR-1248-1	5.449	4.672	32823	29953	45.471	43.347	
22)	L5 AR-1248-2	5.720	4.906	57980	39222	55.115	43.999	
23)	L5 AR-1248-3	5.923	4.948	54860	37750	46.261	41.158	
24)	L5 AR-1248-4	6.326	5.119	65856	51367	46.378	44.490	
25)	L5 AR-1248-5	6.363	5.509	63096	50743	45.978	41.030	
26)	L6 AR-1254-1	6.297	5.468	52368	74103	33.925	36.610	
27)	L6 AR-1254-2	6.519	5.614	67744	22575	27.452	12.425	#
28)	L6 AR-1254-3	6.882	6.015	44815	34775	16.035	11.307	#
29)	L6 AR-1254-4	7.166	6.242	28314	23175	12.715	10.842	
31)	L7 AR-1260-1	7.005	6.159	15106	9323	7.353	4.809	#

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

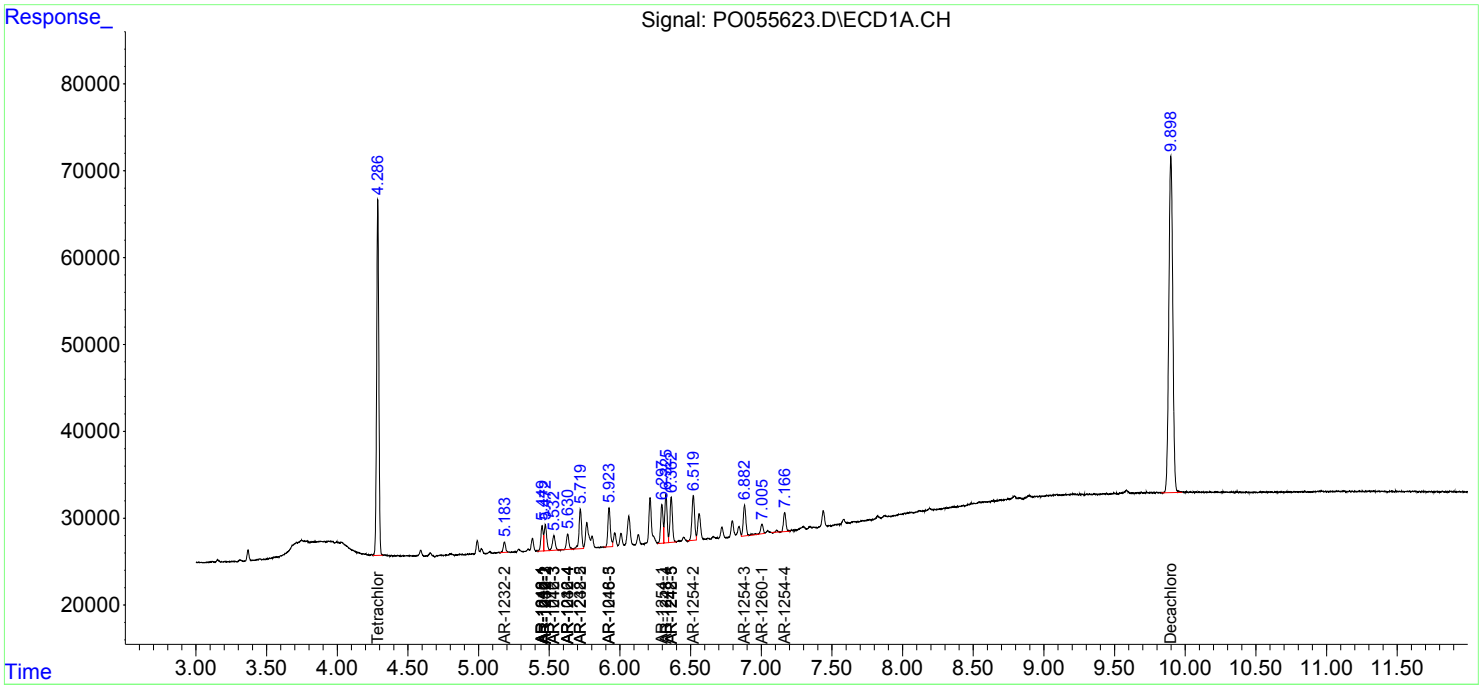
Quantitation Report (Not Reviewed)

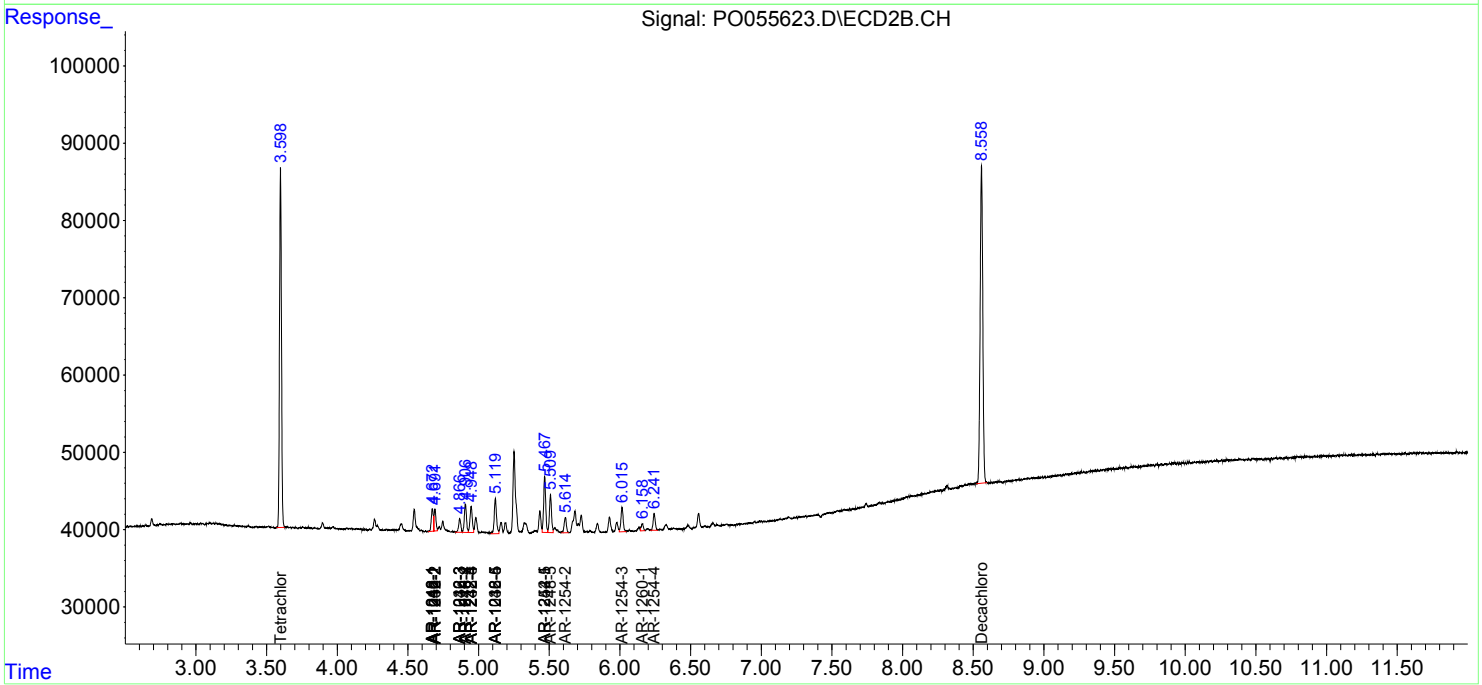
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042419\
Data File : PO055623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Apr 2019 20:02
Operator : SM/SJ
Sample : K2241-01
Misc : AR1248 LOD 40PPB
ALS Vial : 18 Sample Multiplier: 1

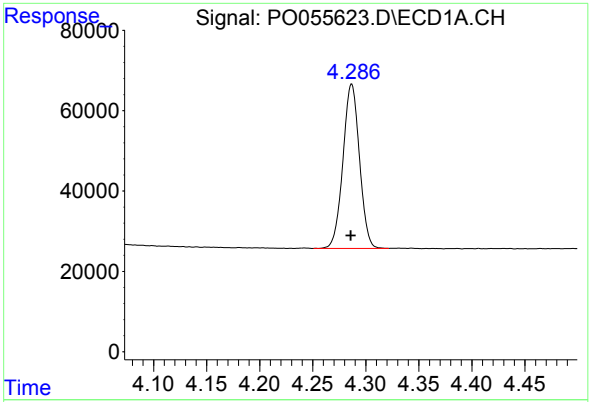
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:05:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO042419.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 25 01:58:33 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



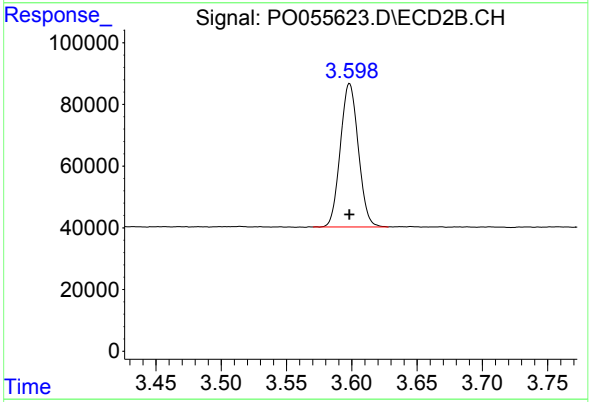




#1 Tetrachloro-m-xylene

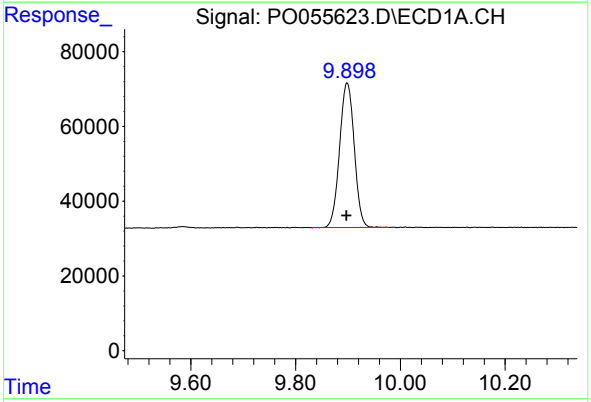
R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 442928
Conc: 17.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



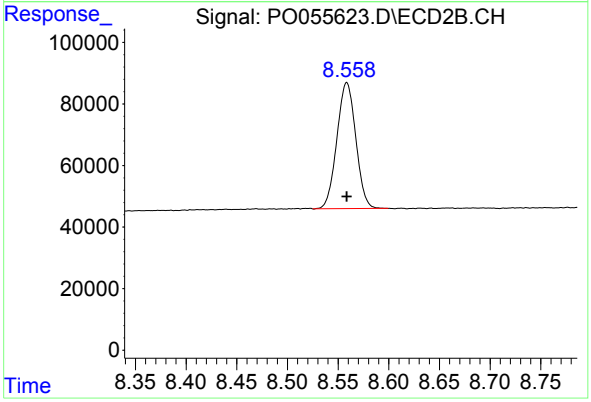
#1 Tetrachloro-m-xylene

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 445562
Conc: 18.30 ng/ml



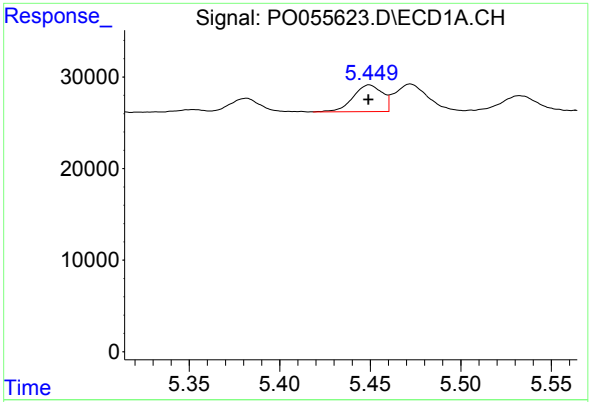
#2 Decachlorobiphenyl

R.T.: 9.898 min
Delta R.T.: 0.000 min
Response: 751666
Conc: 17.52 ng/ml



#2 Decachlorobiphenyl

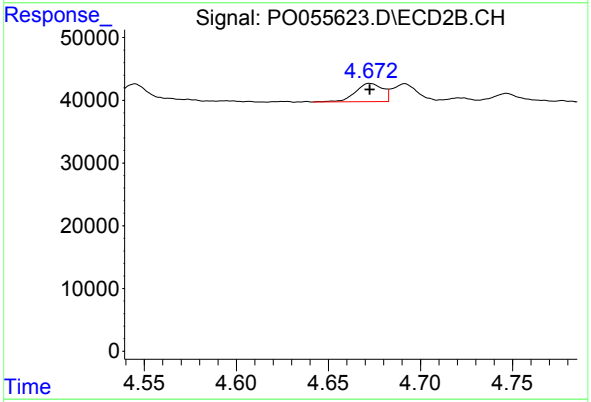
R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 532344
Conc: 17.32 ng/ml



#3 AR-1016-1

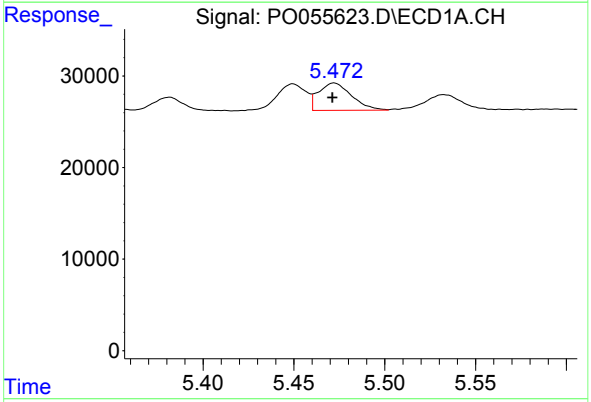
R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 32823
Conc: 26.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



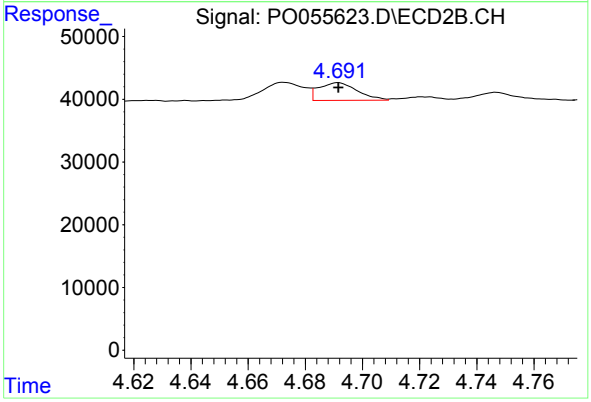
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 29953
Conc: 25.96 ng/ml



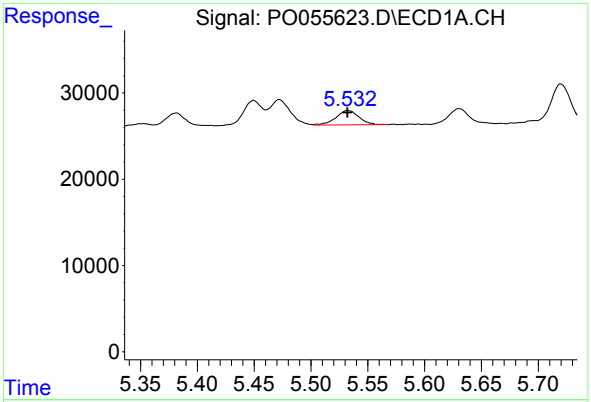
#4 AR-1016-2

R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 37881
Conc: 22.10 ng/ml



#4 AR-1016-2

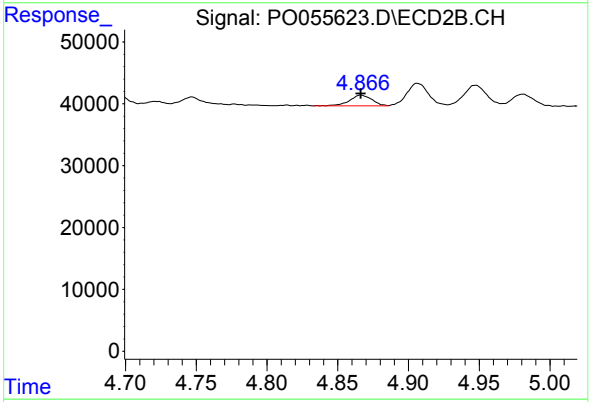
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 26373
Conc: 16.93 ng/ml



#5 AR-1016-3

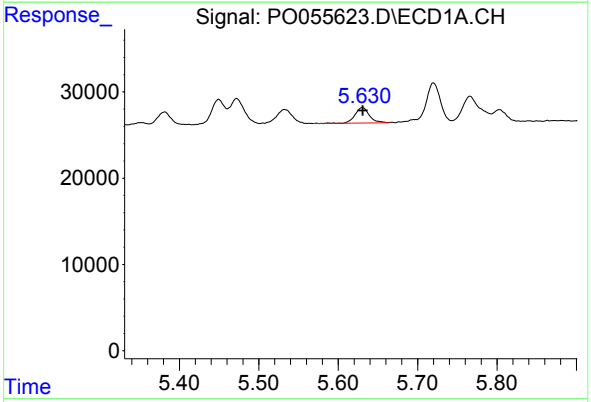
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 23527
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



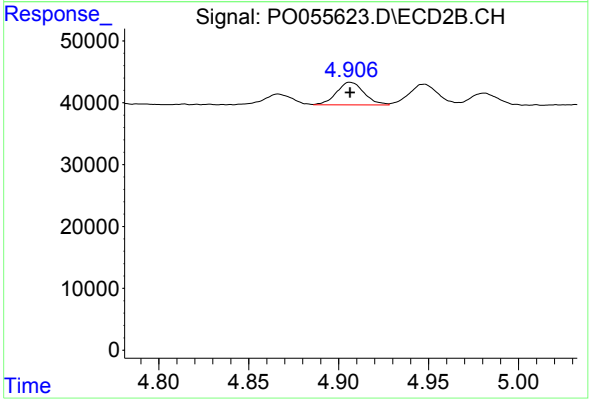
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 19139
Conc: 22.01 ng/ml



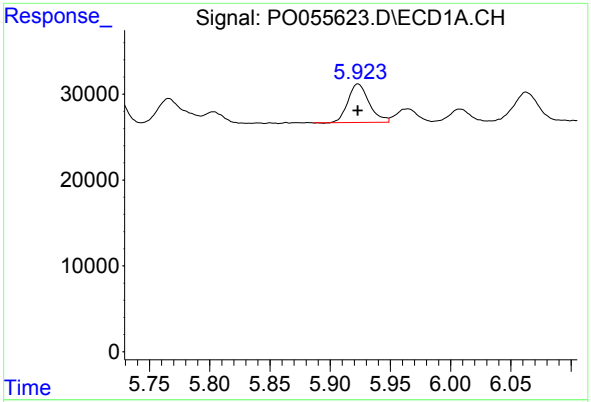
#6 AR-1016-4

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 22517
Conc: 24.42 ng/ml



#6 AR-1016-4

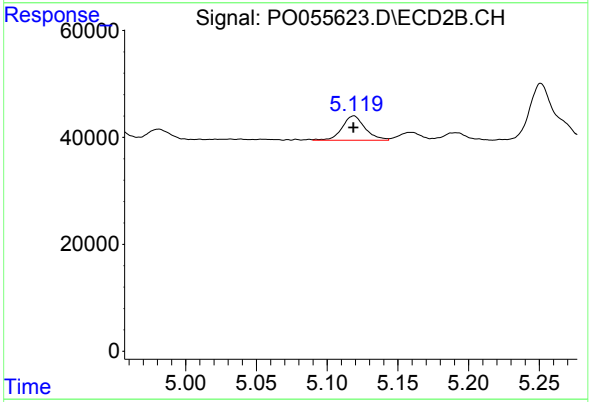
R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 39222
Conc: 55.78 ng/ml



#7 AR-1016-5

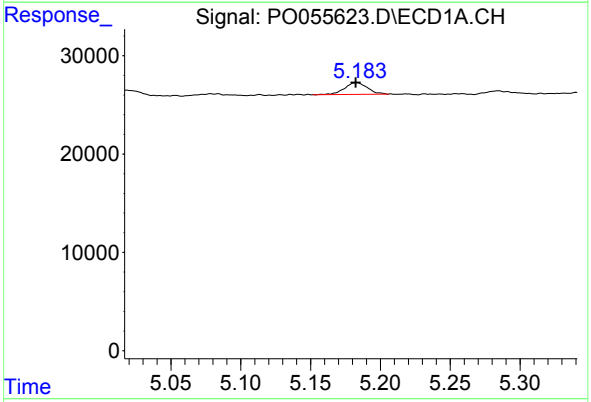
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 54860
Conc: 55.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



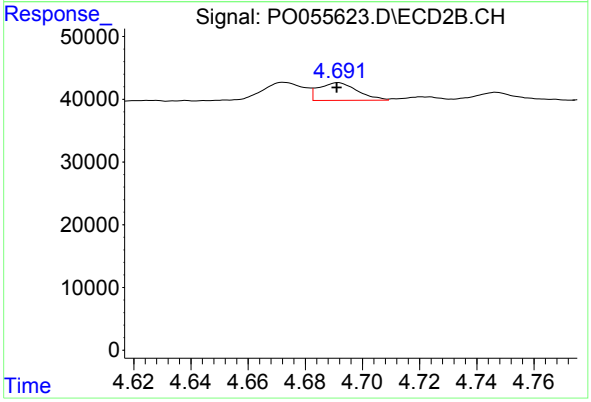
#7 AR-1016-5

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 51367
Conc: 54.27 ng/ml



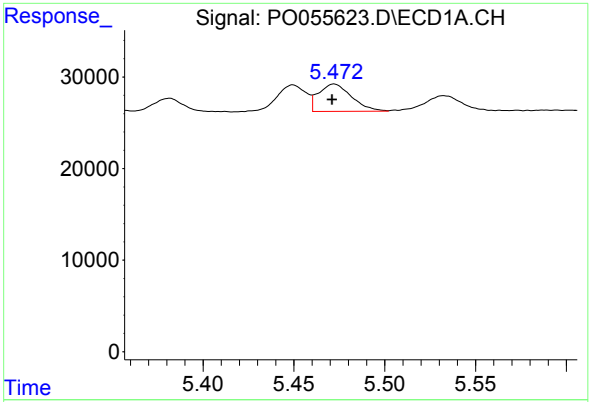
#12 AR-1232-2

R.T.: 5.184 min
Delta R.T.: 0.002 min
Response: 13725
Conc: 35.41 ng/ml



#12 AR-1232-2

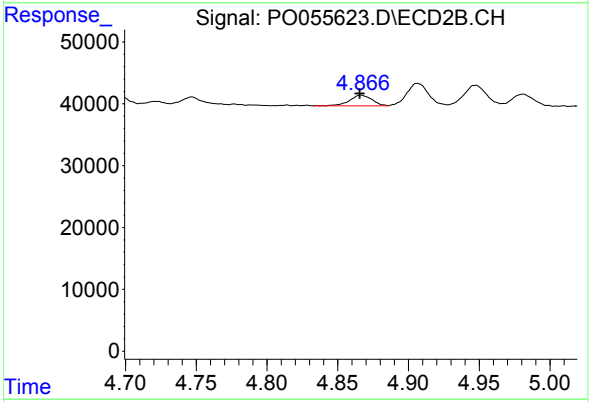
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 26373
Conc: 36.30 ng/ml



#13 AR-1232-3

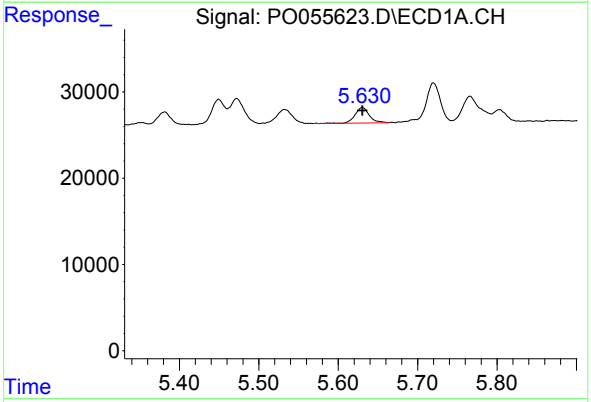
R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 37881
Conc: 49.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



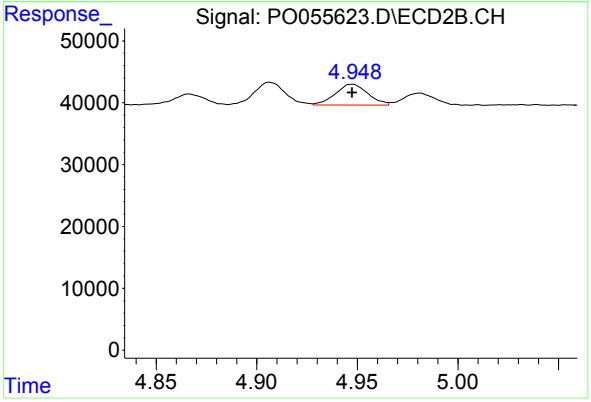
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 19139
Conc: 47.47 ng/ml



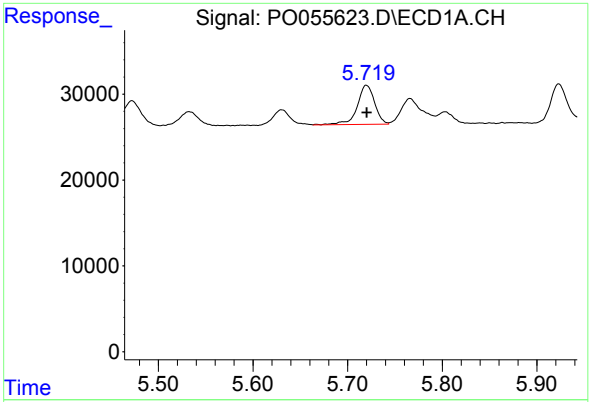
#14 AR-1232-4

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 22517
Conc: 54.52 ng/ml



#14 AR-1232-4

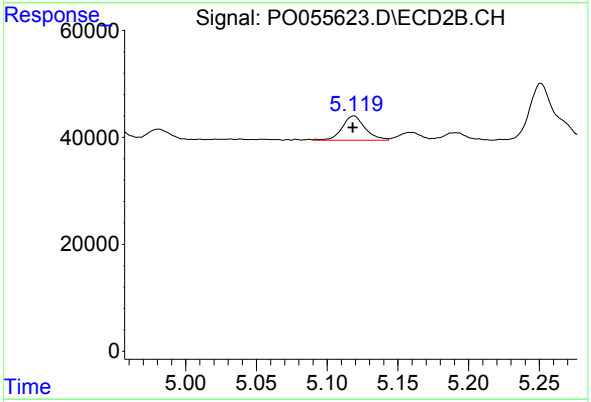
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 37750
Conc: 109.84 ng/ml



#15 AR-1232-5

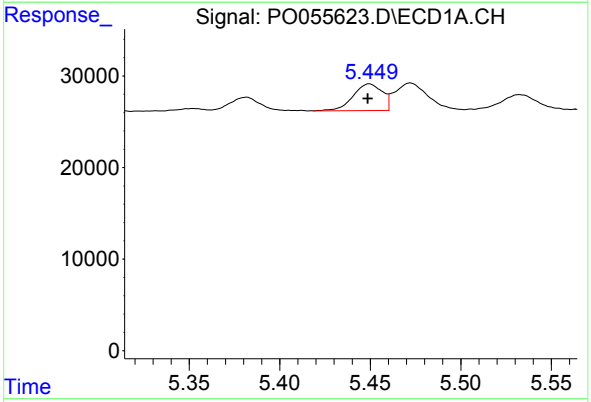
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 57980
Conc: 170.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



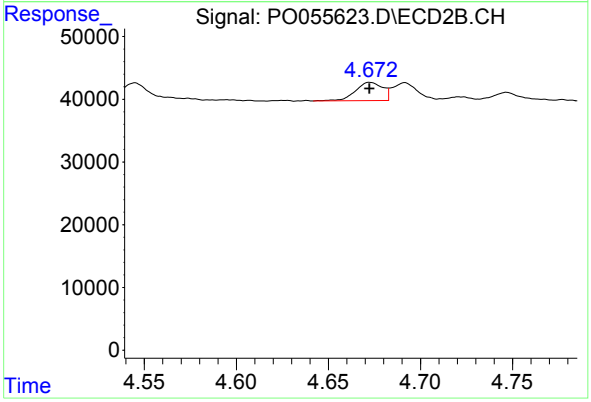
#15 AR-1232-5

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 51367
Conc: 127.60 ng/ml



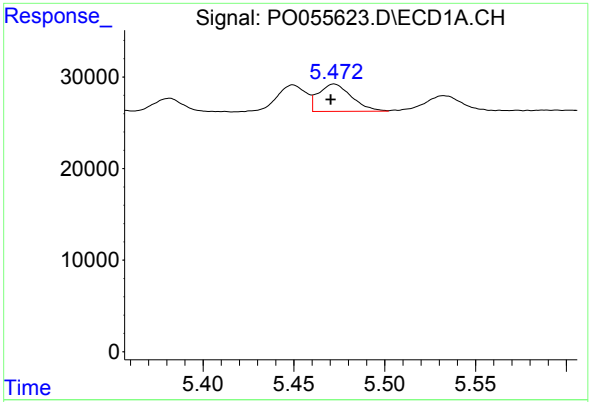
#16 AR-1242-1

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 32823
Conc: 33.32 ng/ml



#16 AR-1242-1

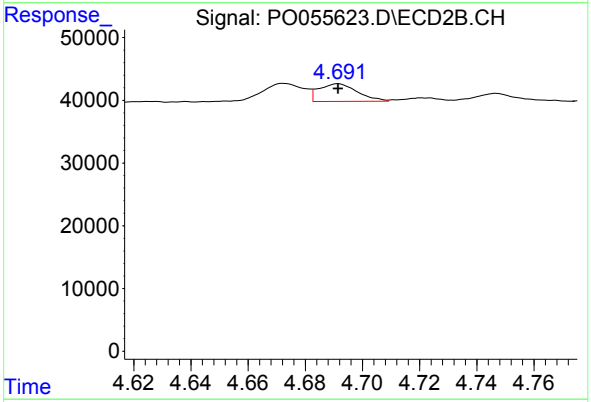
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 29953
Conc: 32.48 ng/ml



#17 AR-1242-2

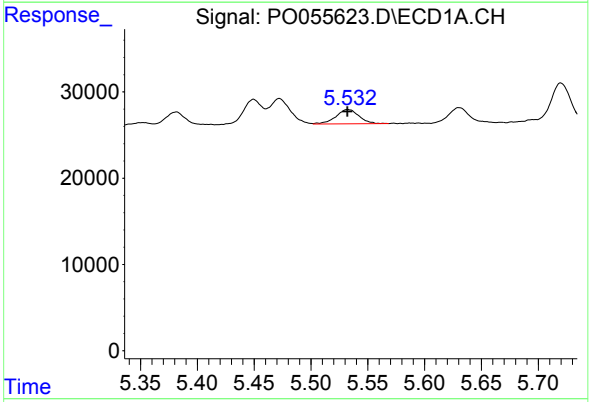
R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 37881
Conc: 27.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



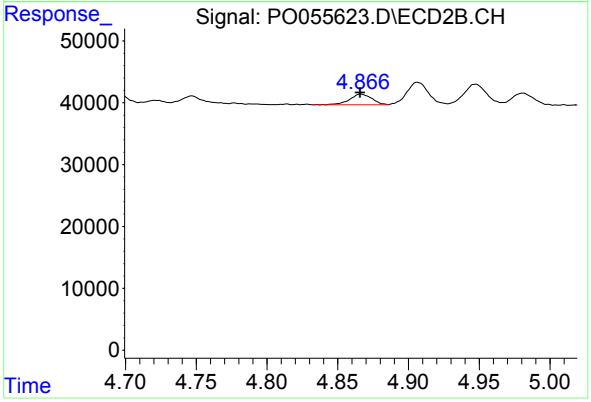
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 26373
Conc: 21.30 ng/ml



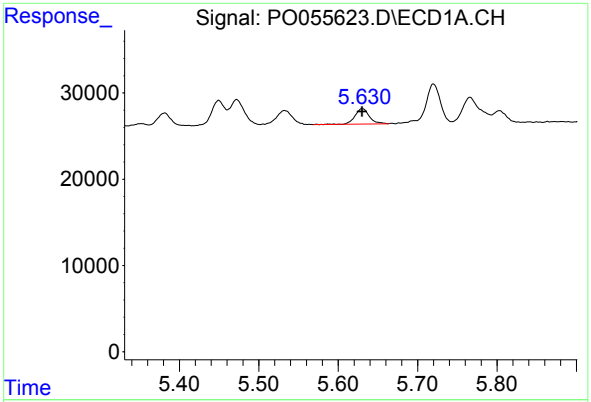
#18 AR-1242-3

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 23527
Conc: 26.19 ng/ml



#18 AR-1242-3

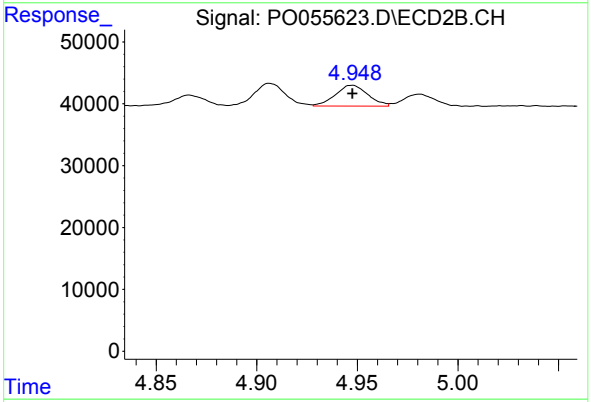
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 19139
Conc: 26.82 ng/ml



#19 AR-1242-4

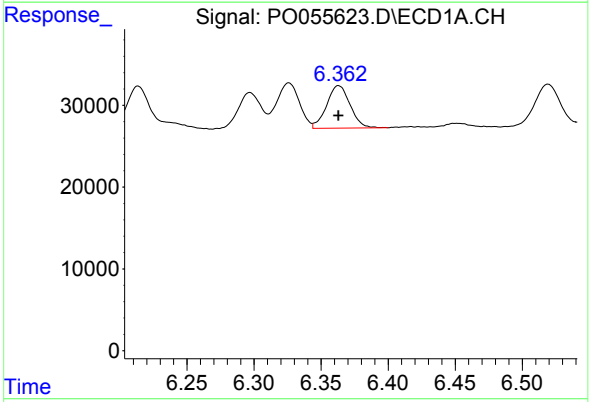
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 22517
Conc: 30.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



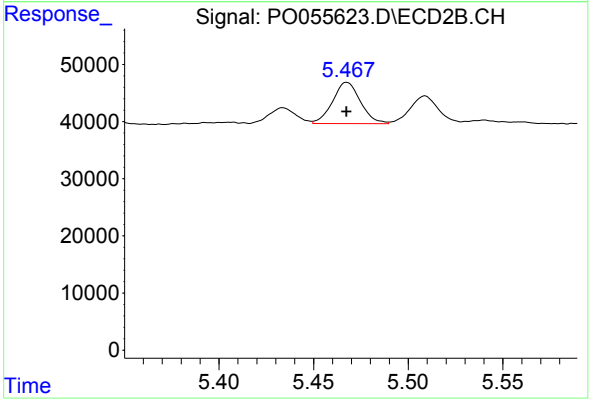
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 37750
Conc: 55.12 ng/ml



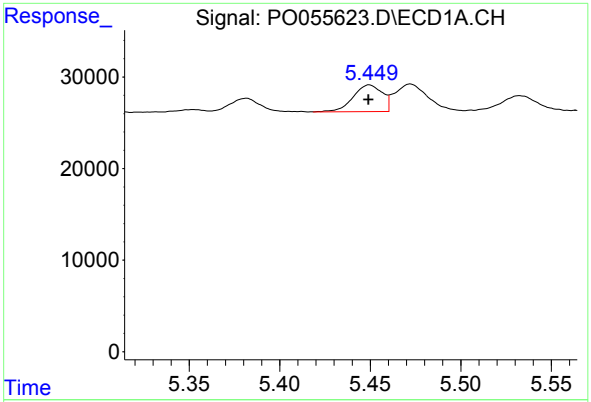
#20 AR-1242-5

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 63096
Conc: 68.33 ng/ml



#20 AR-1242-5

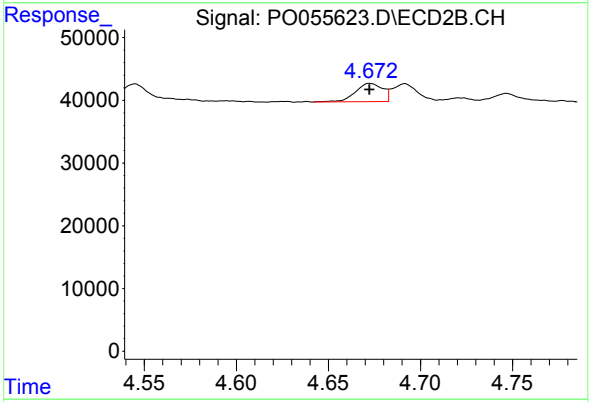
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 74103
Conc: 74.07 ng/ml



#21 AR-1248-1

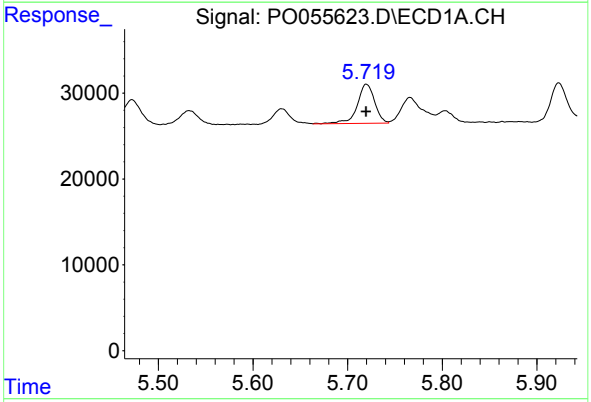
R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 32823
Conc: 45.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



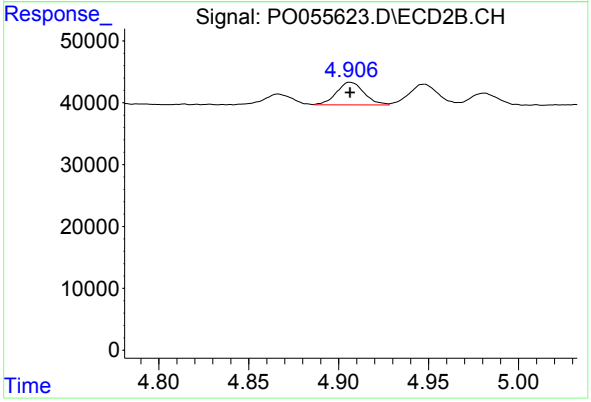
#21 AR-1248-1

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 29953
Conc: 43.35 ng/ml



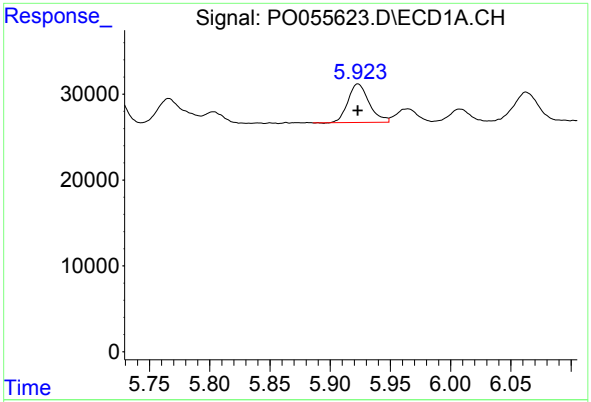
#22 AR-1248-2

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 57980
Conc: 55.11 ng/ml



#22 AR-1248-2

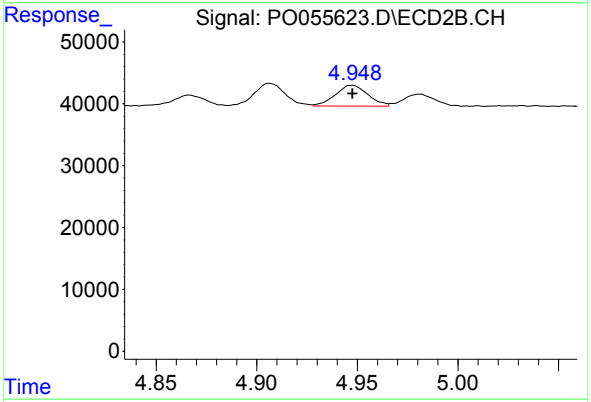
R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 39222
Conc: 44.00 ng/ml



#23 AR-1248-3

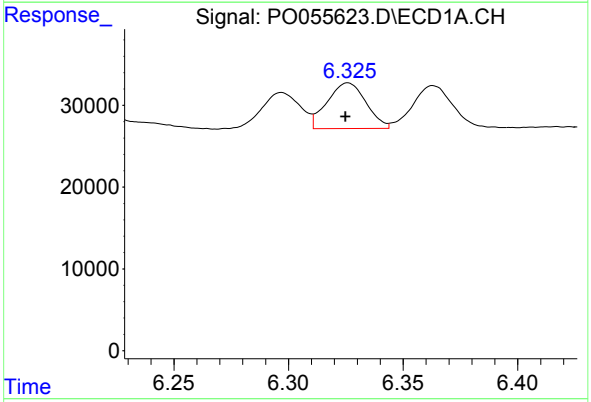
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 54860
Conc: 46.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



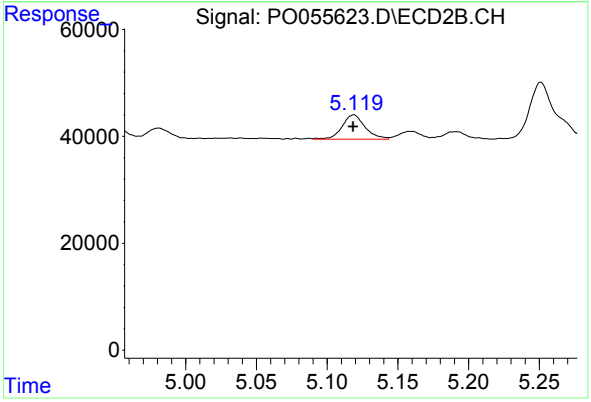
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 37750
Conc: 41.16 ng/ml



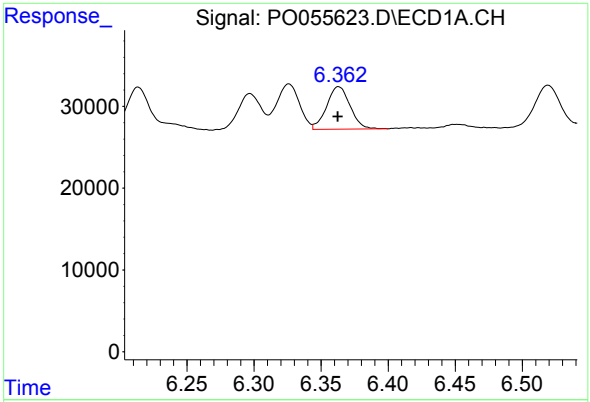
#24 AR-1248-4

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 65856
Conc: 46.38 ng/ml



#24 AR-1248-4

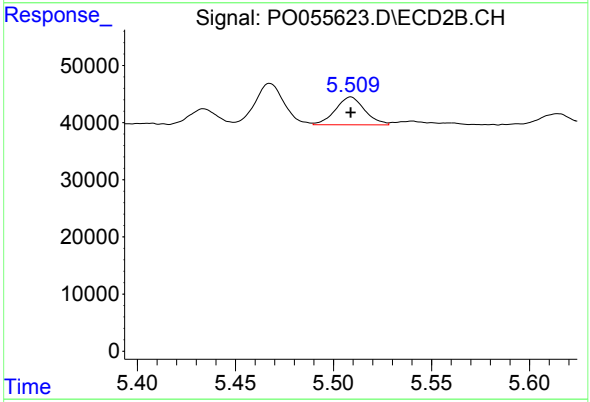
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 51367
Conc: 44.49 ng/ml



#25 AR-1248-5

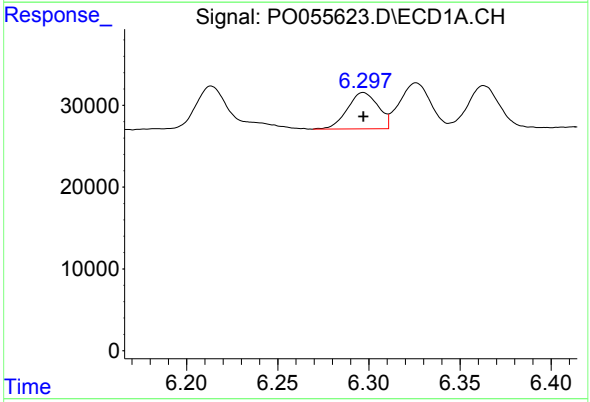
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 63096
Conc: 45.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



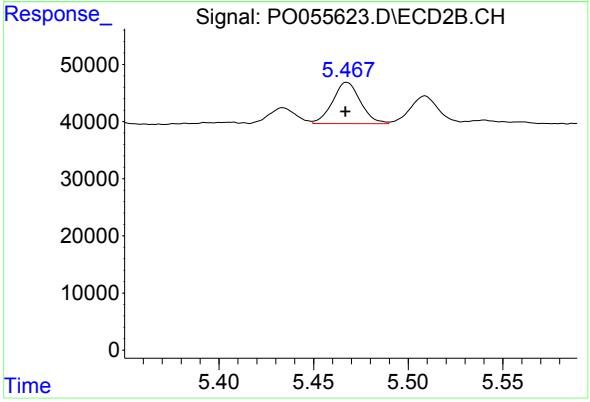
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 50743
Conc: 41.03 ng/ml



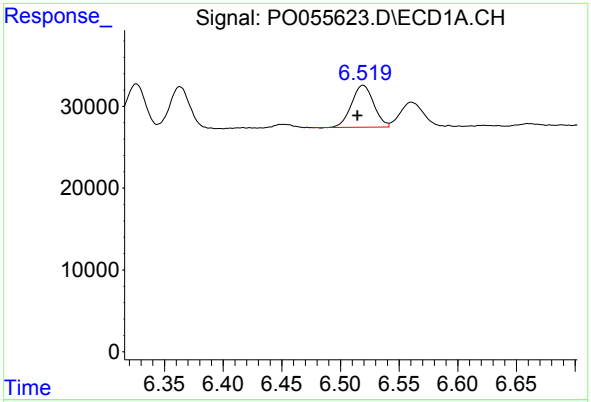
#26 AR-1254-1

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 52368
Conc: 33.92 ng/ml



#26 AR-1254-1

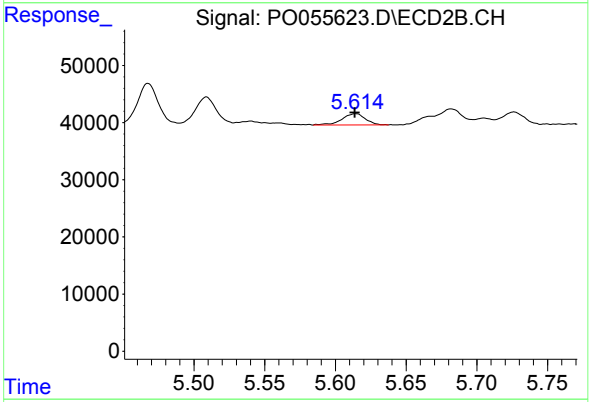
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 74103
Conc: 36.61 ng/ml



#27 AR-1254-2

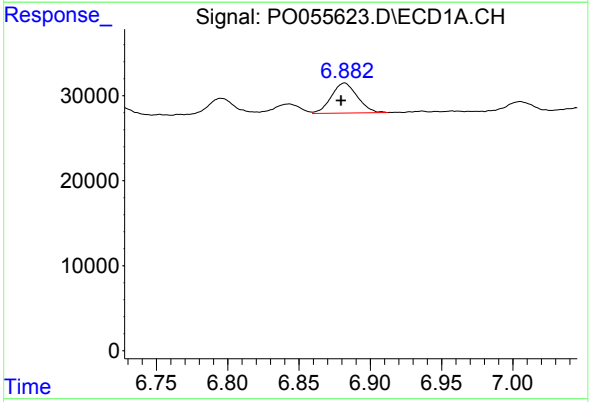
R.T.: 6.519 min
Delta R.T.: 0.005 min
Response: 67744
Conc: 27.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



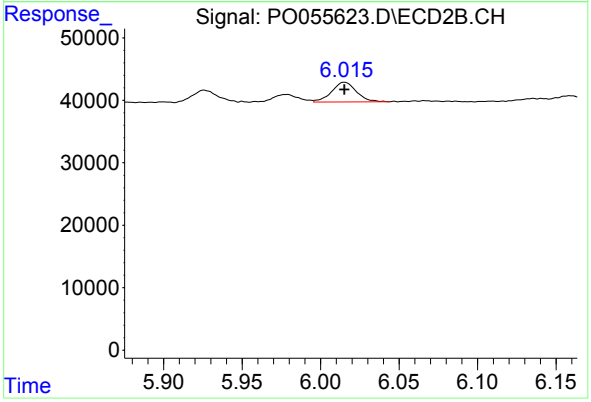
#27 AR-1254-2

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 22575
Conc: 12.43 ng/ml



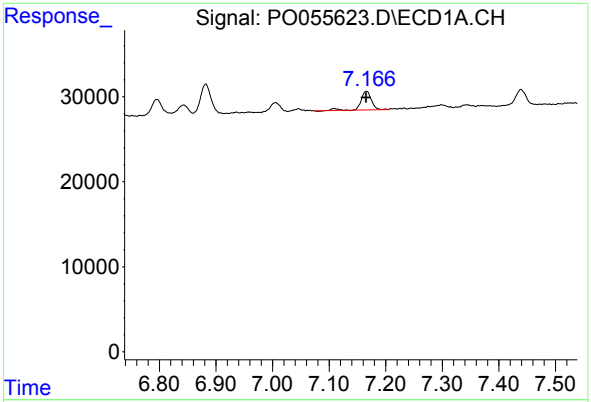
#28 AR-1254-3

R.T.: 6.882 min
Delta R.T.: 0.003 min
Response: 44815
Conc: 16.03 ng/ml



#28 AR-1254-3

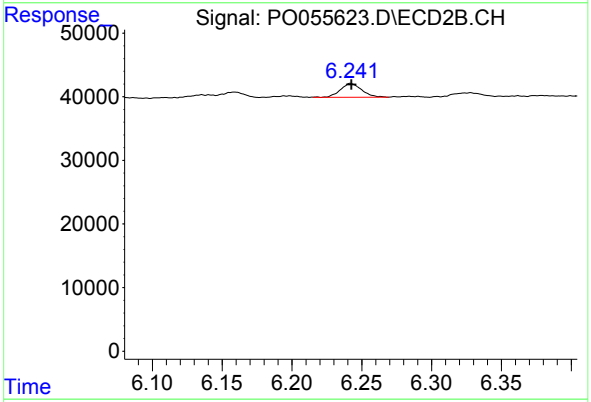
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 34775
Conc: 11.31 ng/ml



#29 AR-1254-4

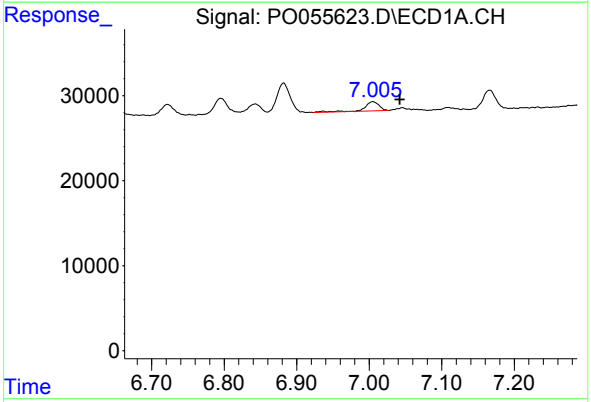
R.T.: 7.166 min
Delta R.T.: 0.001 min
Response: 28314
Conc: 12.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



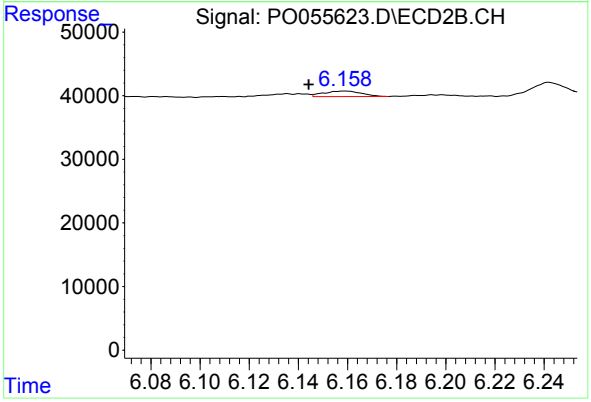
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 23175
Conc: 10.84 ng/ml



#31 AR-1260-1

R.T.: 7.005 min
Delta R.T.: -0.037 min
Response: 15106
Conc: 7.35 ng/ml



#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: 0.015 min
Response: 9323
Conc: 4.81 ng/ml