Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072921\
Data File : PP037825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jul 2021 23:08
Operator : DD\AJ
Sample : M2940-01
Misc : AR1660 LOD 40 PPB
ALS Vial : 44 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 02:18:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 07 08:32:32 2021
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...	4.954	3.945	932435	520982	20.516	19.039
2)	SA Decachlor...	10.981	9.233	951804	525572	20.675	18.882
	Target Compounds						
3)	L1 AR-1016-1	6.274	5.193	85004	40236	48.917	38.935m
4)	L1 AR-1016-2	6.298	5.214	122883	55411	49.151	38.702
5)	L1 AR-1016-3	6.364	5.404	78707	31303	49.417	40.065
6)	L1 AR-1016-4	6.471	5.458	57547	23845	43.643	39.506
7)	L1 AR-1016-5	6.785	5.685	56804	28393	44.904	36.769
31)	L7 AR-1260-1	7.961	6.782	97577	57068	44.324	41.300
32)	L7 AR-1260-2	8.227	6.980	124348	66762	44.701	39.741
33)	L7 AR-1260-3	8.592	7.133	92166	63490	45.600	37.055
34)	L7 AR-1260-4	8.821	7.617	108008	46810	43.909m	34.431
35)	L7 AR-1260-5	9.151	7.866	216059	120116	46.823	37.240

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

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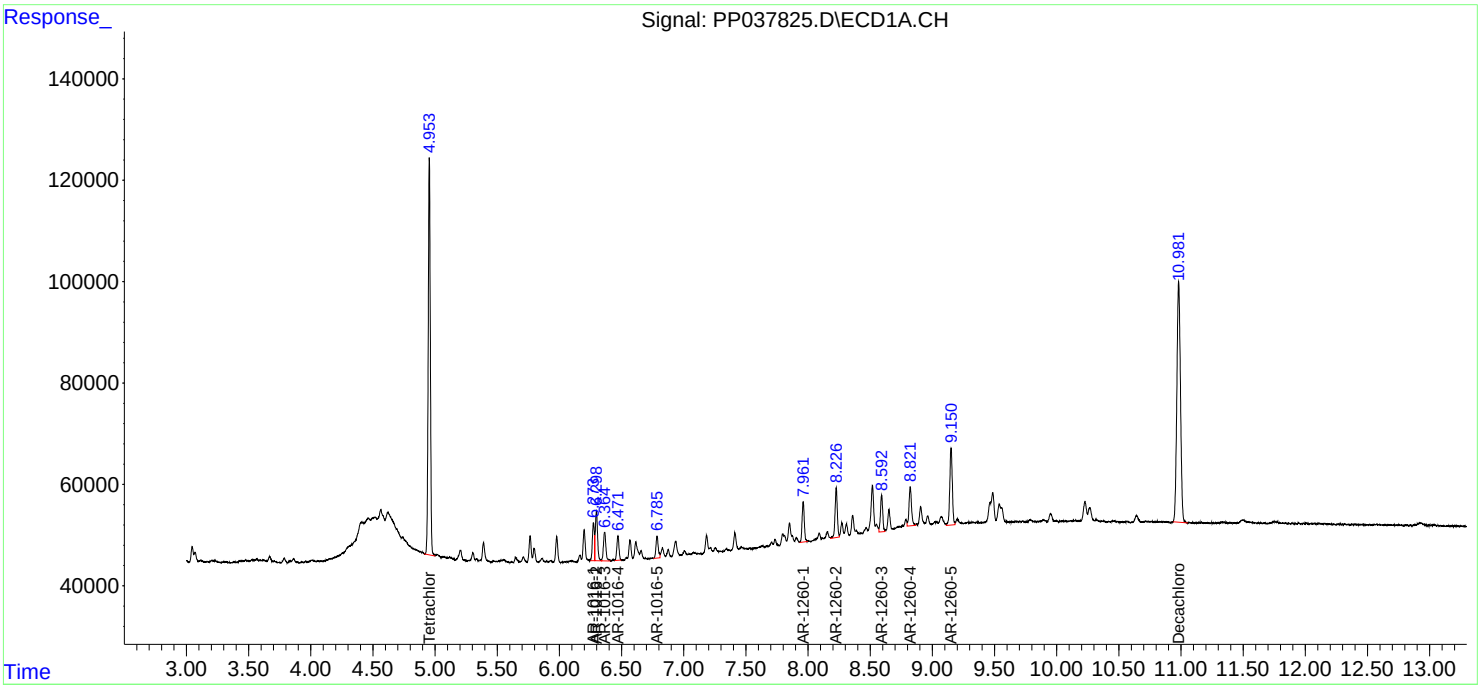
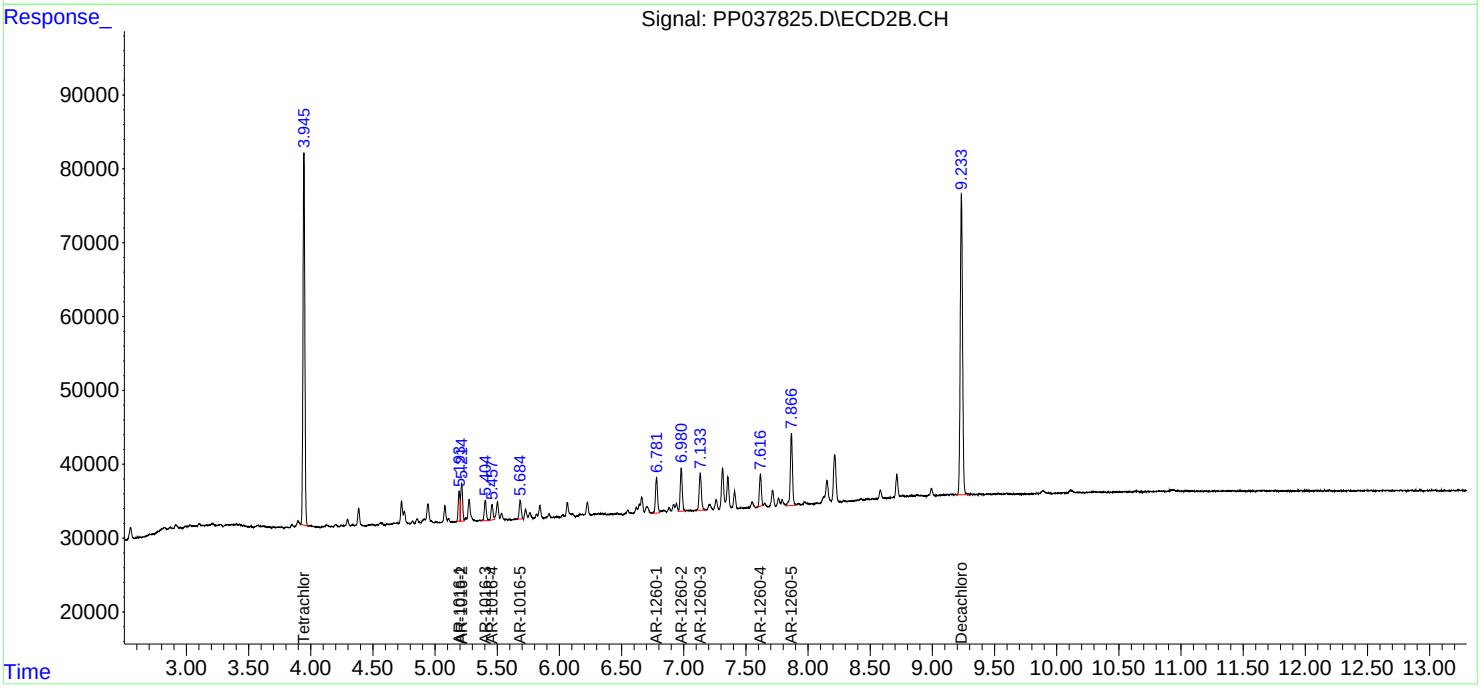
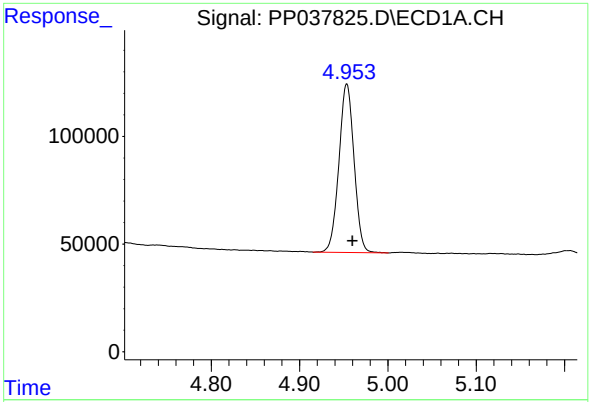
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



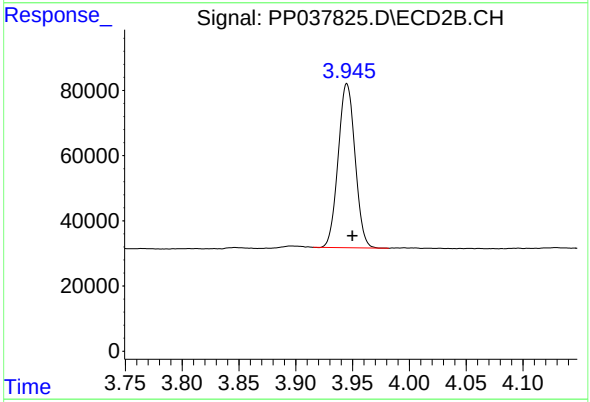




#1 Tetrachloro-m-xylene

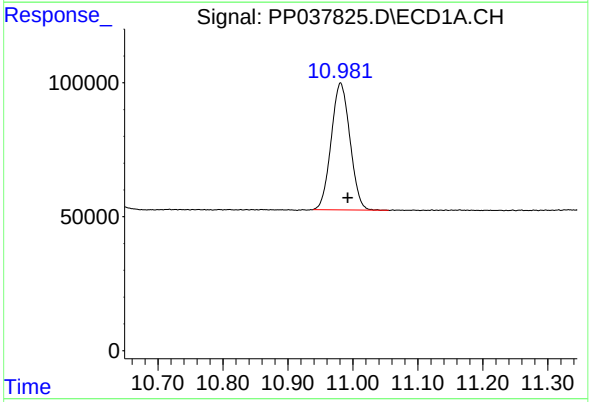
R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 932435
Conc: 20.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



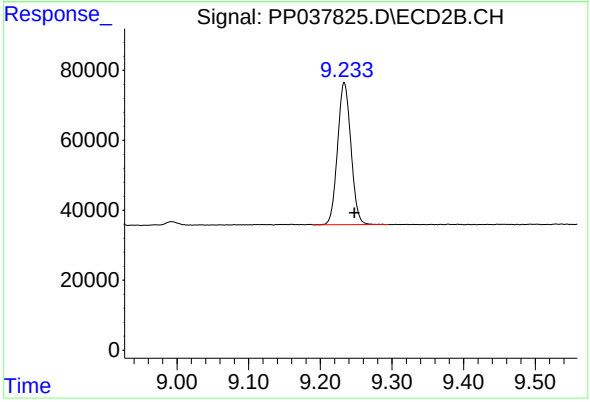
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 520982
Conc: 19.04 ng/ml



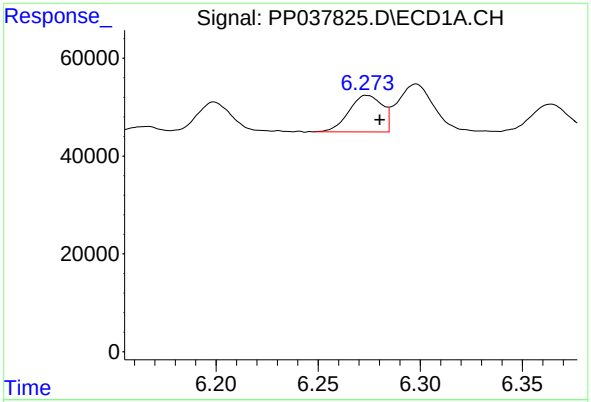
#2 Decachlorobiphenyl

R.T.: 10.981 min
Delta R.T.: -0.011 min
Response: 951804
Conc: 20.68 ng/ml



#2 Decachlorobiphenyl

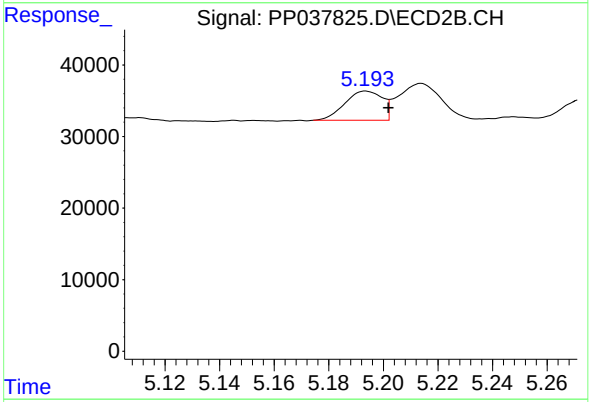
R.T.: 9.233 min
Delta R.T.: -0.014 min
Response: 525572
Conc: 18.88 ng/ml



#3 AR-1016-1

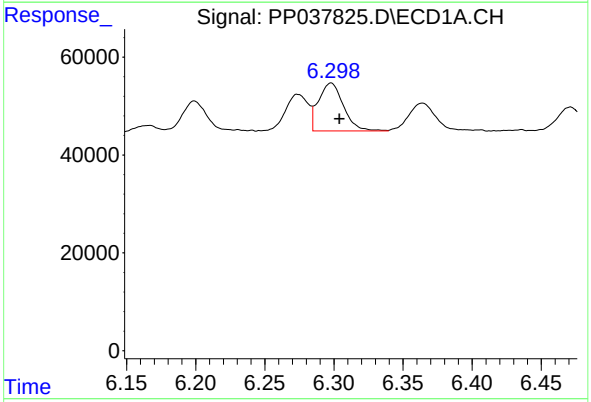
R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 85004
Conc: 48.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



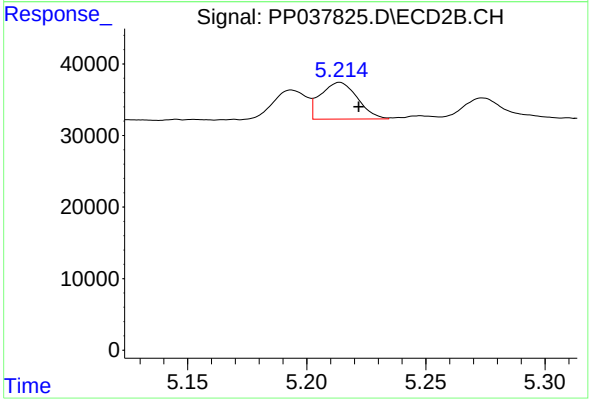
#3 AR-1016-1

R.T.: 5.193 min
Delta R.T.: -0.009 min
Response: 40236
Conc: 38.94 ng/ml m



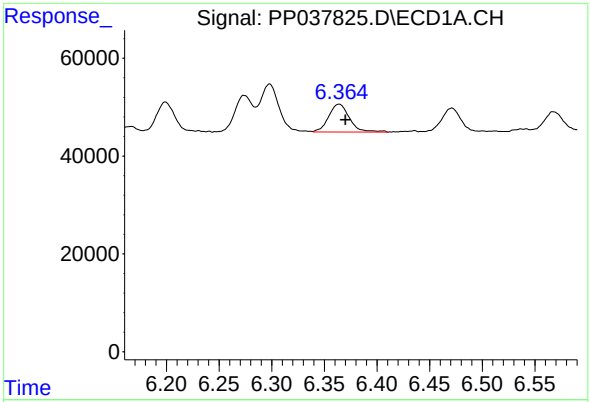
#4 AR-1016-2

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 122883
Conc: 49.15 ng/ml



#4 AR-1016-2

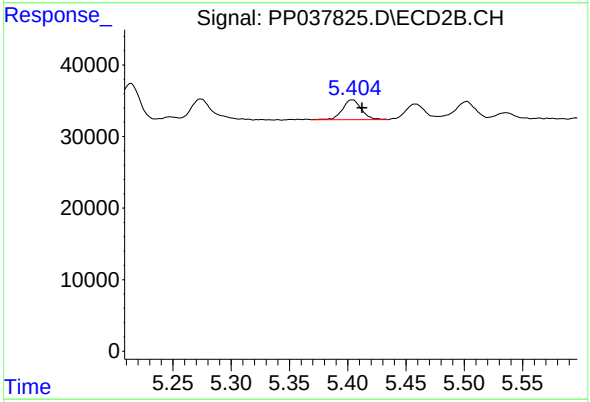
R.T.: 5.214 min
Delta R.T.: -0.008 min
Response: 55411
Conc: 38.70 ng/ml



#5 AR-1016-3

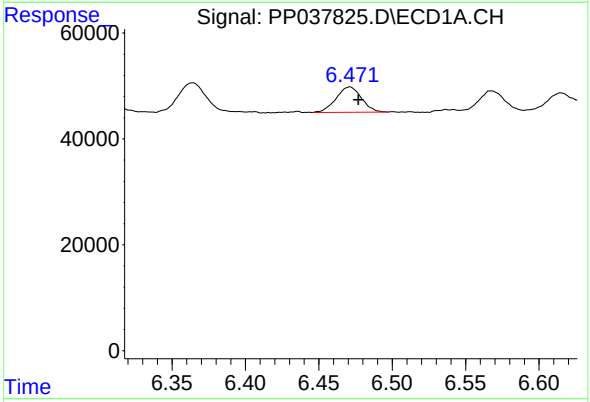
R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 78707
Conc: 49.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



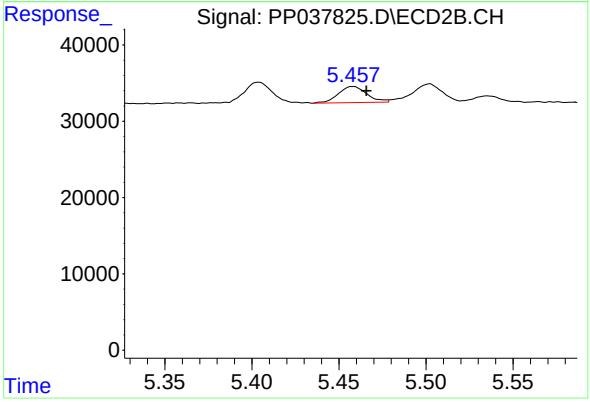
#5 AR-1016-3

R.T.: 5.404 min
Delta R.T.: -0.008 min
Response: 31303
Conc: 40.07 ng/ml



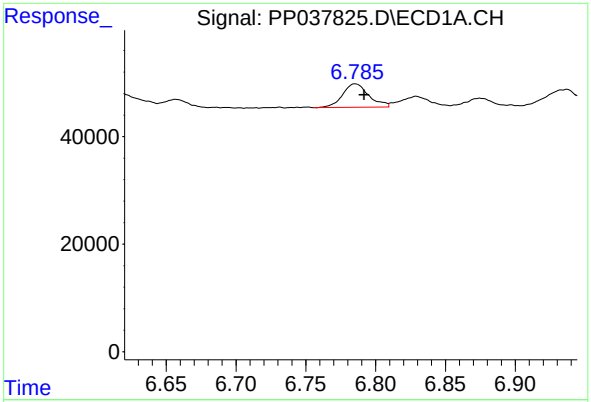
#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 57547
Conc: 43.64 ng/ml



#6 AR-1016-4

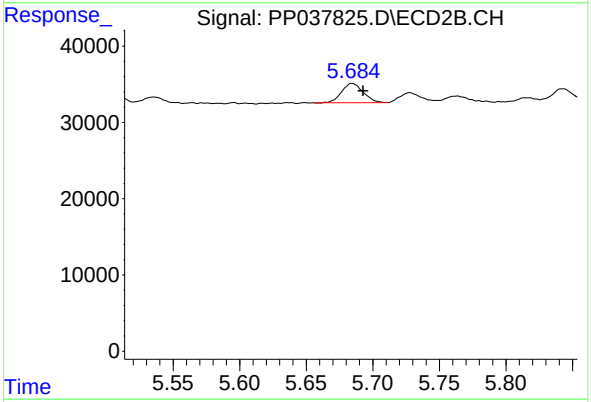
R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 23845
Conc: 39.51 ng/ml



#7 AR-1016-5

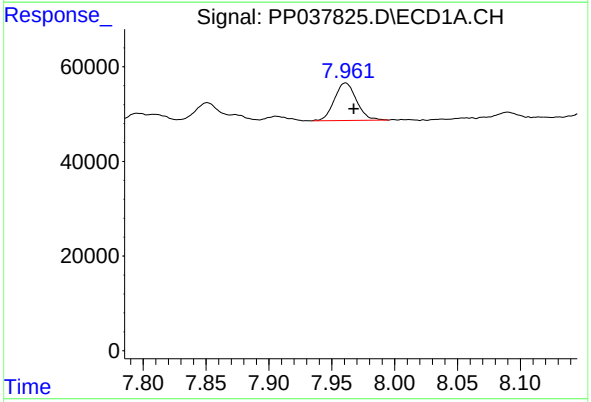
R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 56804
Conc: 44.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



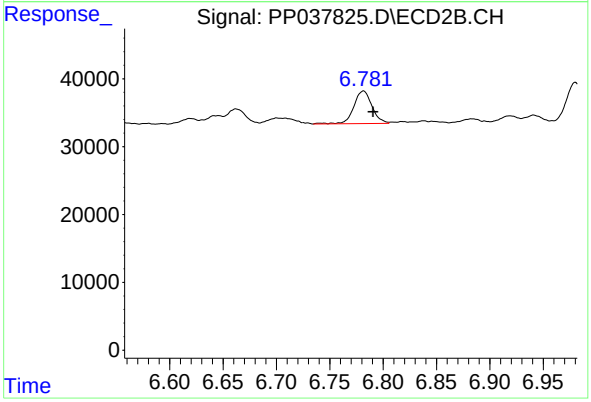
#7 AR-1016-5

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 28393
Conc: 36.77 ng/ml



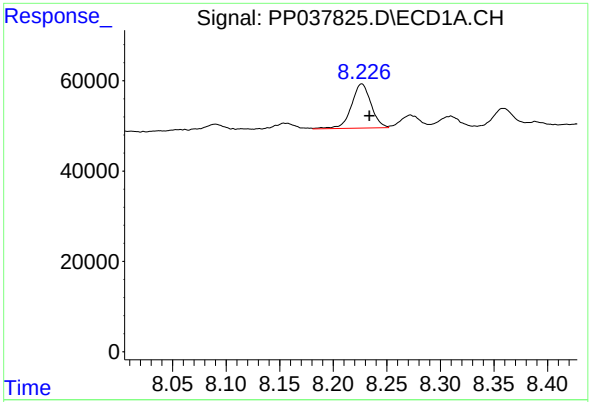
#31 AR-1260-1

R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 97577
Conc: 44.32 ng/ml



#31 AR-1260-1

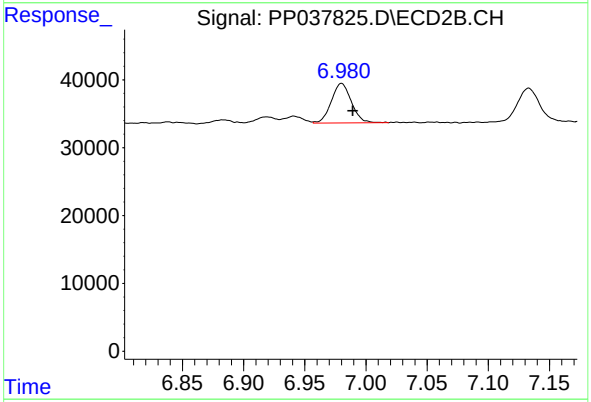
R.T.: 6.782 min
Delta R.T.: -0.009 min
Response: 57068
Conc: 41.30 ng/ml



#32 AR-1260-2

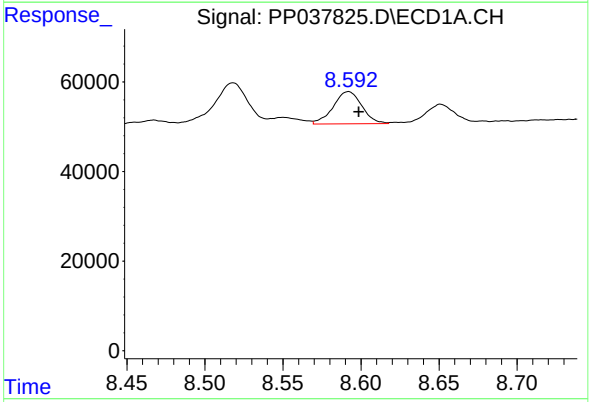
R.T.: 8.227 min
Delta R.T.: -0.007 min
Response: 124348
Conc: 44.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



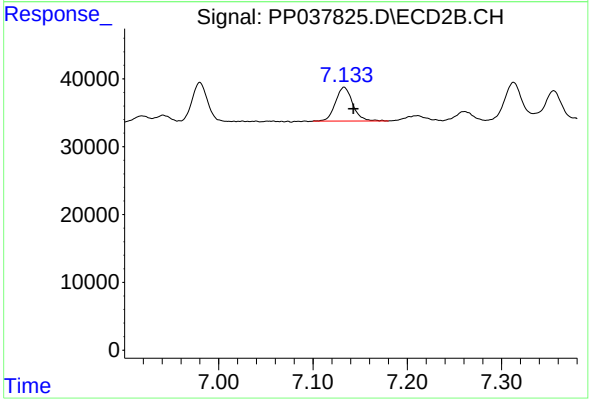
#32 AR-1260-2

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 66762
Conc: 39.74 ng/ml



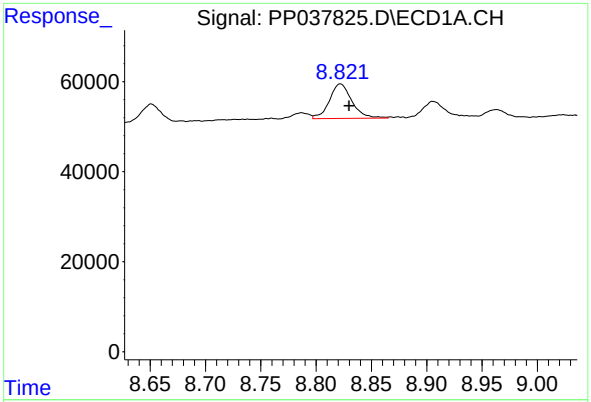
#33 AR-1260-3

R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 92166
Conc: 45.60 ng/ml



#33 AR-1260-3

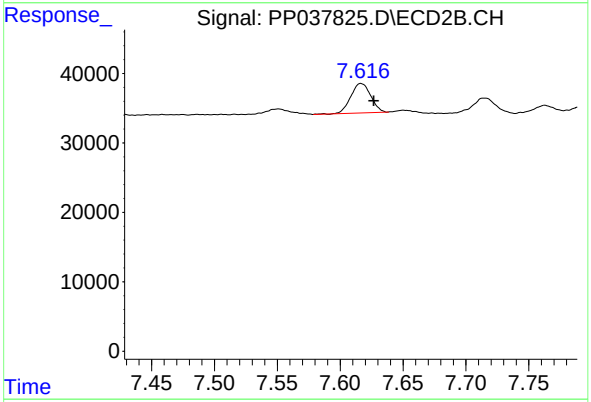
R.T.: 7.133 min
Delta R.T.: -0.010 min
Response: 63490
Conc: 37.05 ng/ml



#34 AR-1260-4

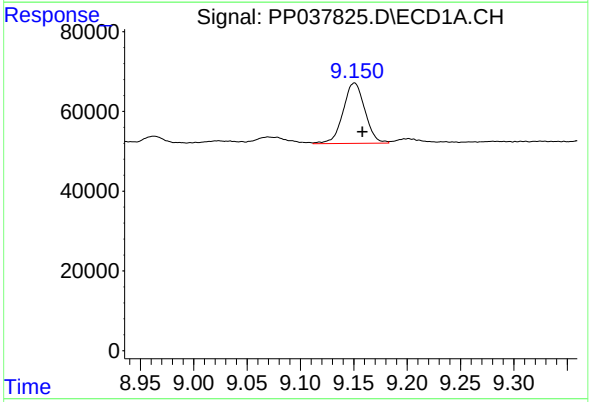
R.T.: 8.821 min
Delta R.T.: -0.008 min
Response: 108008
Conc: 43.91 ng/ml m

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



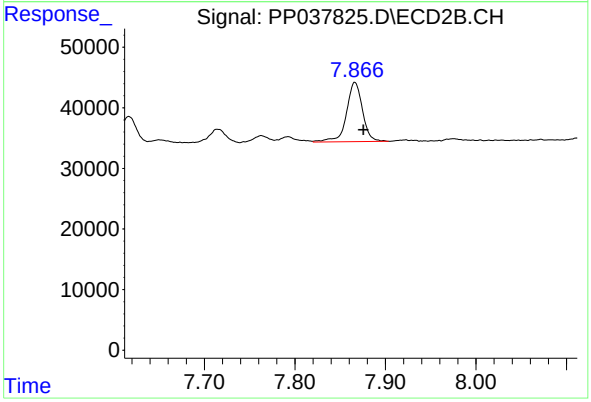
#34 AR-1260-4

R.T.: 7.617 min
Delta R.T.: -0.010 min
Response: 46810
Conc: 34.43 ng/ml



#35 AR-1260-5

R.T.: 9.151 min
Delta R.T.: -0.008 min
Response: 216059
Conc: 46.82 ng/ml



#35 AR-1260-5

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 120116
Conc: 37.24 ng/ml