

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN121014\HN007150.D Vial: 3
 Acq On : 10-Dec-2014, 18:50 Operator: TP
 Sample : LOQ-SOIL-400ML Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Dec 12 13:29 2014 Quant Results File: HN120214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ-SOIL-400ML

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN120214.M
 Title :
 Last Update : Tue Dec 02 14:51:46 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	642513	153.386 ug/L m
Target Compounds			
2) T HMX	0.87	223153	51.379 ug/L m
3) T RDX	1.70	260461	47.036 ug/L m
4) T 1,3,5-Trinitrobenzene	2.68	564785	49.044 ug/L m
5) T 1,3-Dinitrobenzene	3.55	815385	48.683 ng/mlm
6) T 3,5-Dinitroaniline	3.93	704820	54.049 ug/L m
7) T Nitrobenzene	4.80	499556	49.687 ug/L m
8) T Tetryl	6.31	453727	64.146 ug/L m
9) T 2,4,6-Trinitrotoluene	6.60	535512	43.745 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.16	633614	56.140 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.54	353414	54.004 ug/L m
12) T 2,4-Dinitrotoluene	8.26	825329	53.831 ug/L m
13) T 2,6-Dinitrotoluene	8.69	455686	54.607 ug/L m
14) T 2-Nitrotoluene	12.07	264507	40.331 ug/L m
15) T 4-Nitrotoluene	12.79	209933	39.630 ug/L m
16) T 3-Nitrotoluene	14.17	537156	71.737 ug/L m
17) T PETN	19.12	654029	77.842 ug/L m

 Analyst Signature: _____ Analyst Name: _____ Date: _____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #: _____

___Peak Integrated by software incorrectly.Compound #: _____

___OTHER: _____ Compound #: _____

(f)=RT Delta > 1/2 Window (m)=manual int.

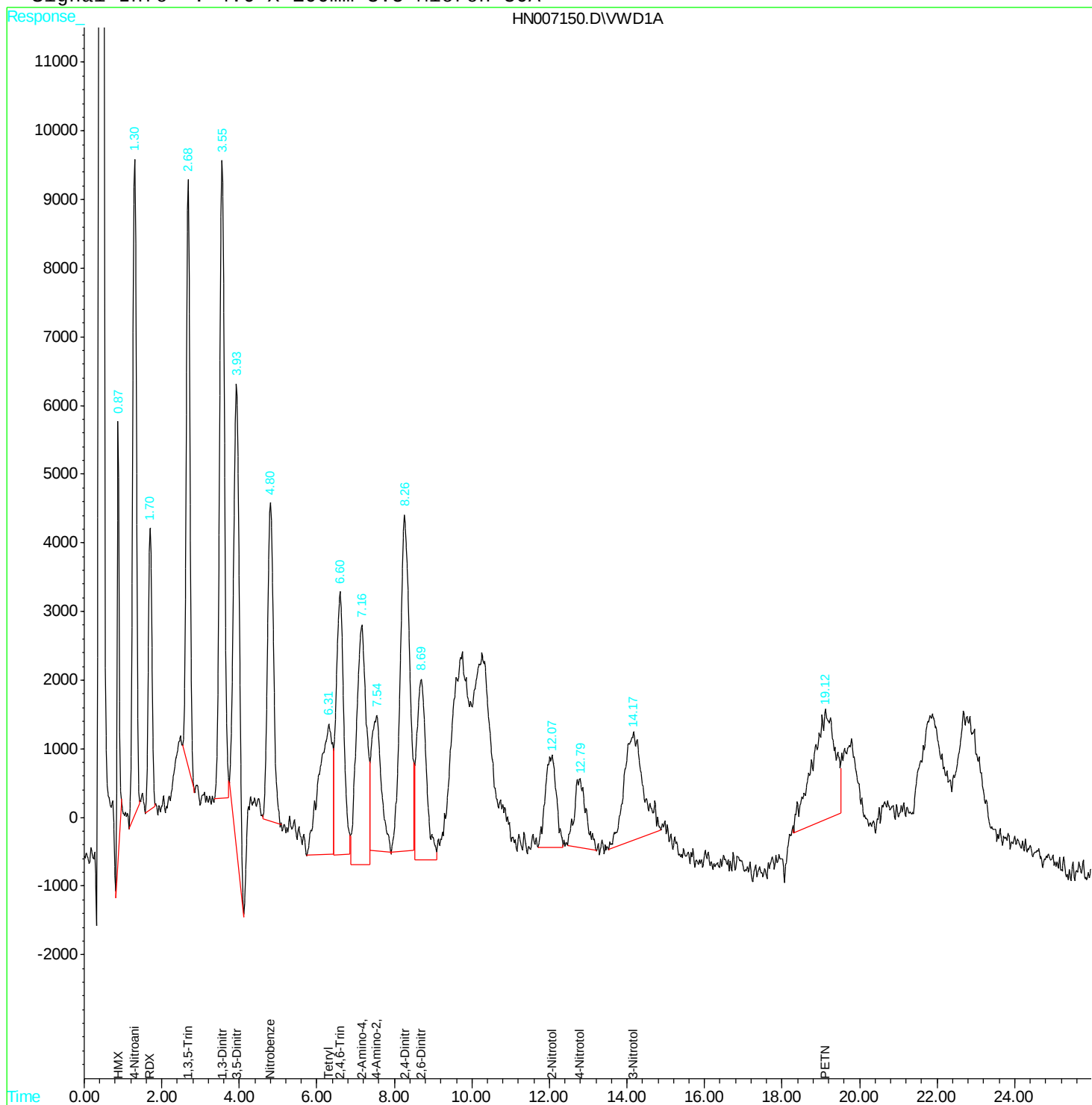
HN007150.D HN120214.M Fri Dec 12 13:38:51 2014

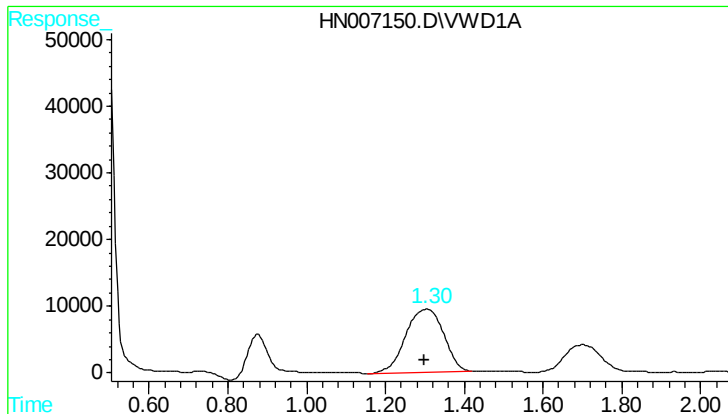
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Title :
Last Update : Tue Dec 02 14:51:46 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A

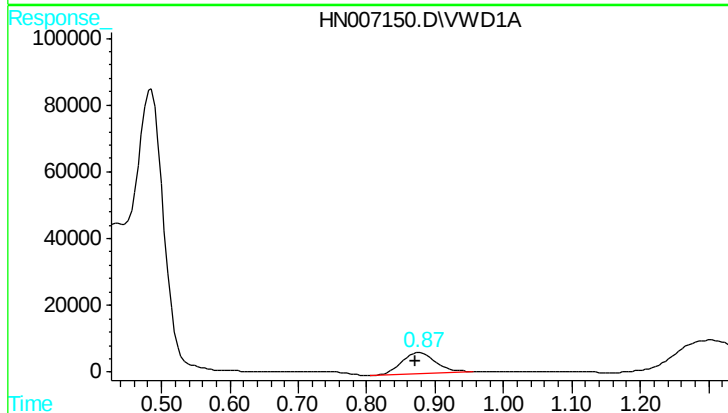




#1 4-Nitroaniline

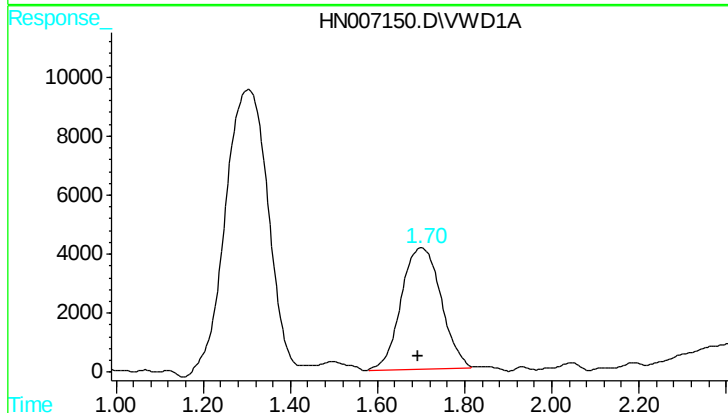
R.T.: 1.303 min
Delta R.T.: 0.004 min
Response: 642513
Conc: 153.39 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ-SOIL-400ML



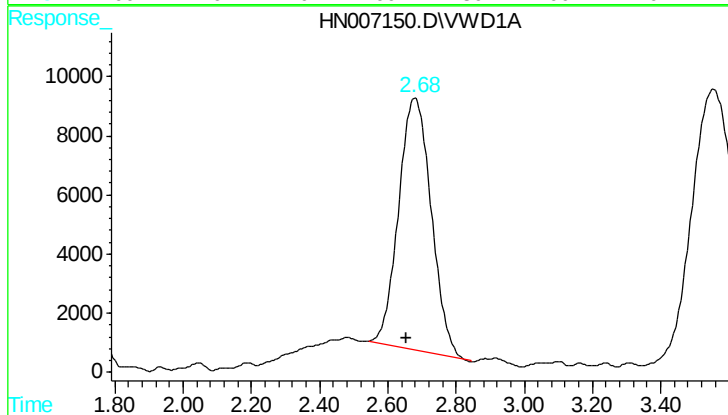
#2 HMX

R.T.: 0.875 min
Delta R.T.: 0.003 min
Response: 223153
Conc: 51.38 ug/L m



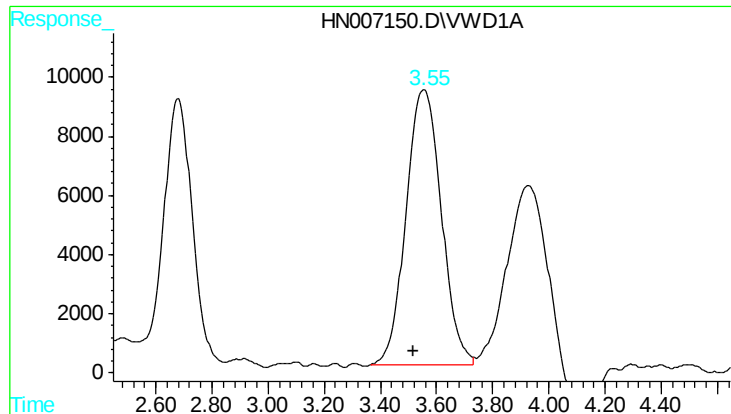
#3 RDX

R.T.: 1.700 min
Delta R.T.: 0.006 min
Response: 260461
Conc: 47.04 ug/L m



#4 1,3,5-Trinitrobenzene

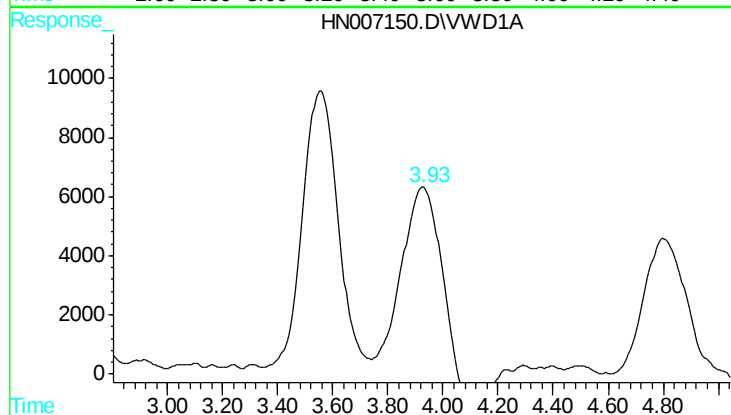
R.T.: 2.678 min
Delta R.T.: 0.024 min
Response: 564785
Conc: 49.04 ug/L m



#5 1,3-Dinitrobenzene

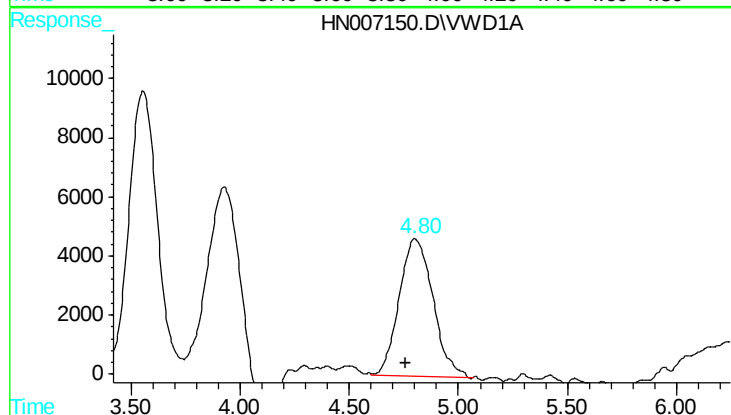
R.T.: 3.553 min
Delta R.T.: 0.035 min
Response: 815385
Conc: 48.68 ng/ml

Instrument :
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LOQ-SOIL-400ML



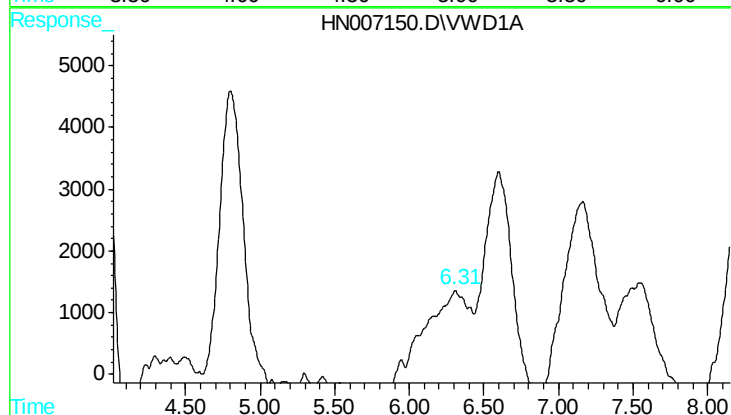
#6 3,5-Dinitroaniline

R.T.: 3.929 min
Delta R.T.: 0.036 min
Response: 704820
Conc: 54.05 ug/L m



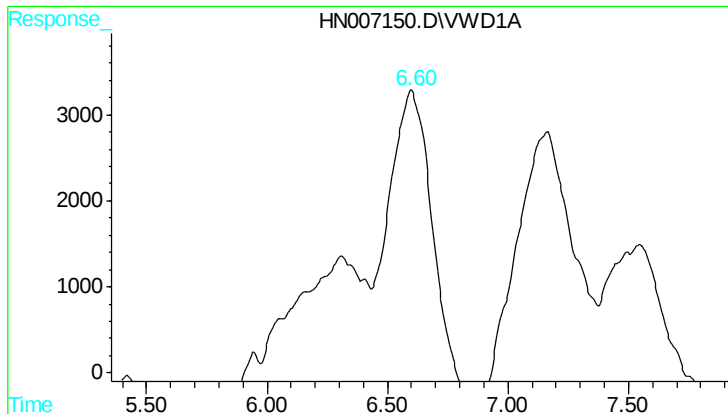
#7 Nitrobenzene

R.T.: 4.798 min
Delta R.T.: 0.041 min
Response: 499556
Conc: 49.69 ug/L m



#8 Tetryl

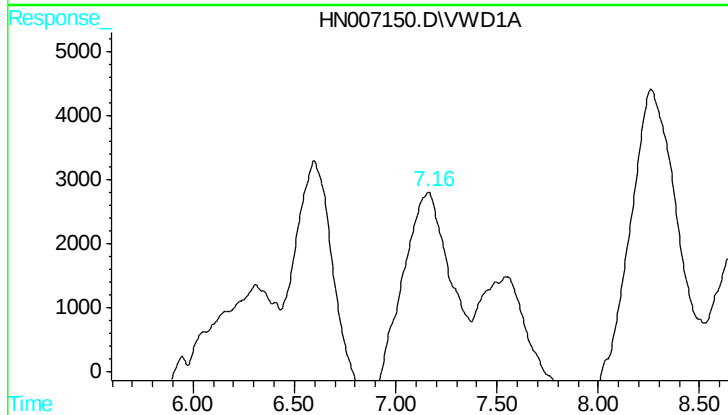
R.T.: 6.307 min
Delta R.T.: 0.019 min
Response: 453727
Conc: 64.15 ug/L m



#9 2,4,6-Trinitrotoluene

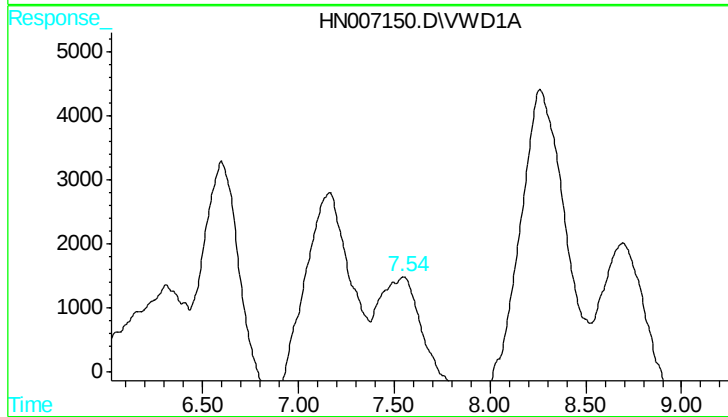
R.T.: 6.596 min
Delta R.T.: 0.067 min
Response: 535512
Conc: 43.75 ug/L m

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LOQ-SOIL-400ML



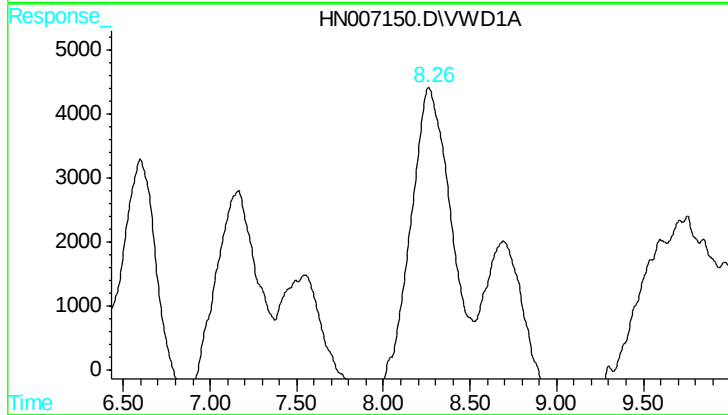
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.163 min
Delta R.T.: 0.070 min
Response: 633614
Conc: 56.14 ug/L m



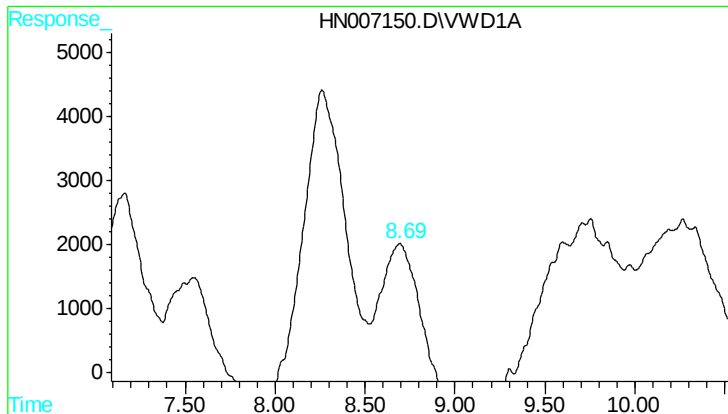
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.543 min
Delta R.T.: 0.092 min
Response: 353414
Conc: 54.00 ug/L m



#12 2,4-Dinitrotoluene

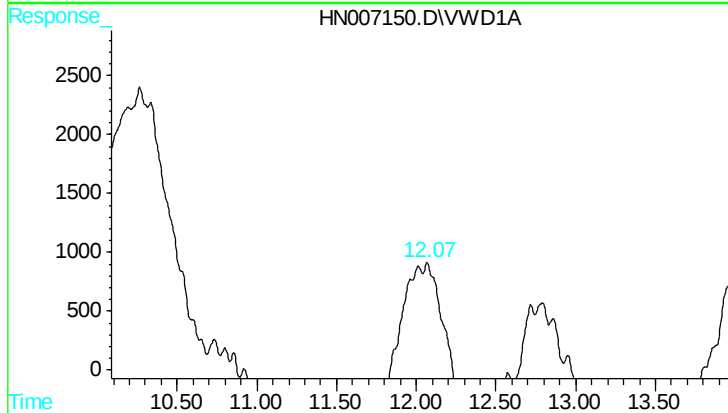
R.T.: 8.260 min
Delta R.T.: 0.054 min
Response: 825329
Conc: 53.83 ug/L m



#13 2,6-Dinitrotoluene

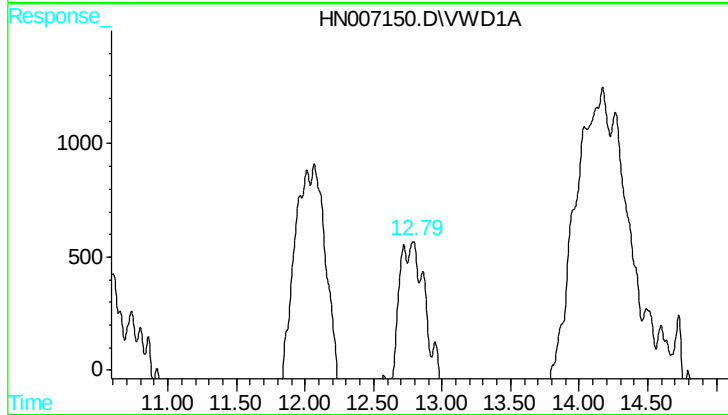
R.T.: 8.694 min
Delta R.T.: 0.075 min
Response: 455686
Conc: 54.61 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ-SOIL-400ML



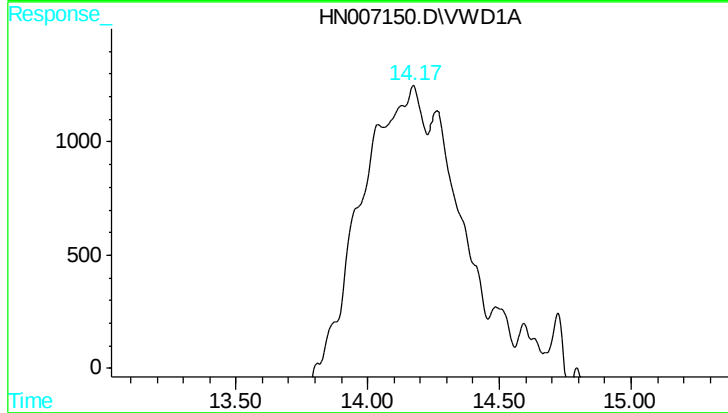
#14 2-Nitrotoluene

R.T.: 12.067 min
Delta R.T.: 0.126 min
Response: 264507
Conc: 40.33 ug/L m



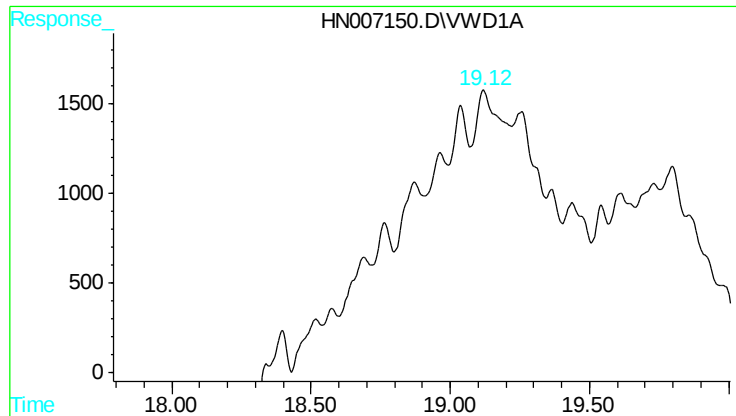
#15 4-Nitrotoluene

R.T.: 12.792 min
Delta R.T.: 0.122 min
Response: 209933
Conc: 39.63 ug/L m



#16 3-Nitrotoluene

R.T.: 14.170 min
Delta R.T.: 0.169 min
Response: 537156
Conc: 71.74 ug/L m



#17 PETN

R.T.: 19.118 min
Delta R.T.: 0.091 min
Response: 654029
Conc: 77.84 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ-SOIL-400ML