

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005800.D Vial: 26
 Acq On : 21-Jan-2014, 19:54 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:01 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 12:45:07 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	1.31	146806	38.872 ug/L
Target Compounds			
2) T HMX	0.87	107872	26.238 ug/L
3) T RDX	1.68	179709	31.364 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	239695	22.888 ug/L
5) T 1,3-Dinitrobenzene	3.46	332108	20.586 ng/ml
6) T 3,5-Dinitroaniline	3.83	267004	21.334 ug/L
7) T Nitrobenzene	4.62	257666	25.136 ug/L
8) T Tetryl	6.09	147237	21.352 ug/L
9) T 2,4,6-Trinitrotoluene	6.37	238990	22.873 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.87	249962	22.339 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.17	106555	17.585 ug/L
12) T 2,4-Dinitrotoluene	7.95	334869	22.614 ug/L
13) T 2,6-Dinitrotoluene	8.34	190407	23.379 ug/L
14) T 2-Nitrotoluene	11.37	109286	17.058 ug/L
15) T 4-Nitrotoluene	12.10	23238	4.350 ug/L
16) T 3-Nitrotoluene	13.32	52575	7.800 ug/L

 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.

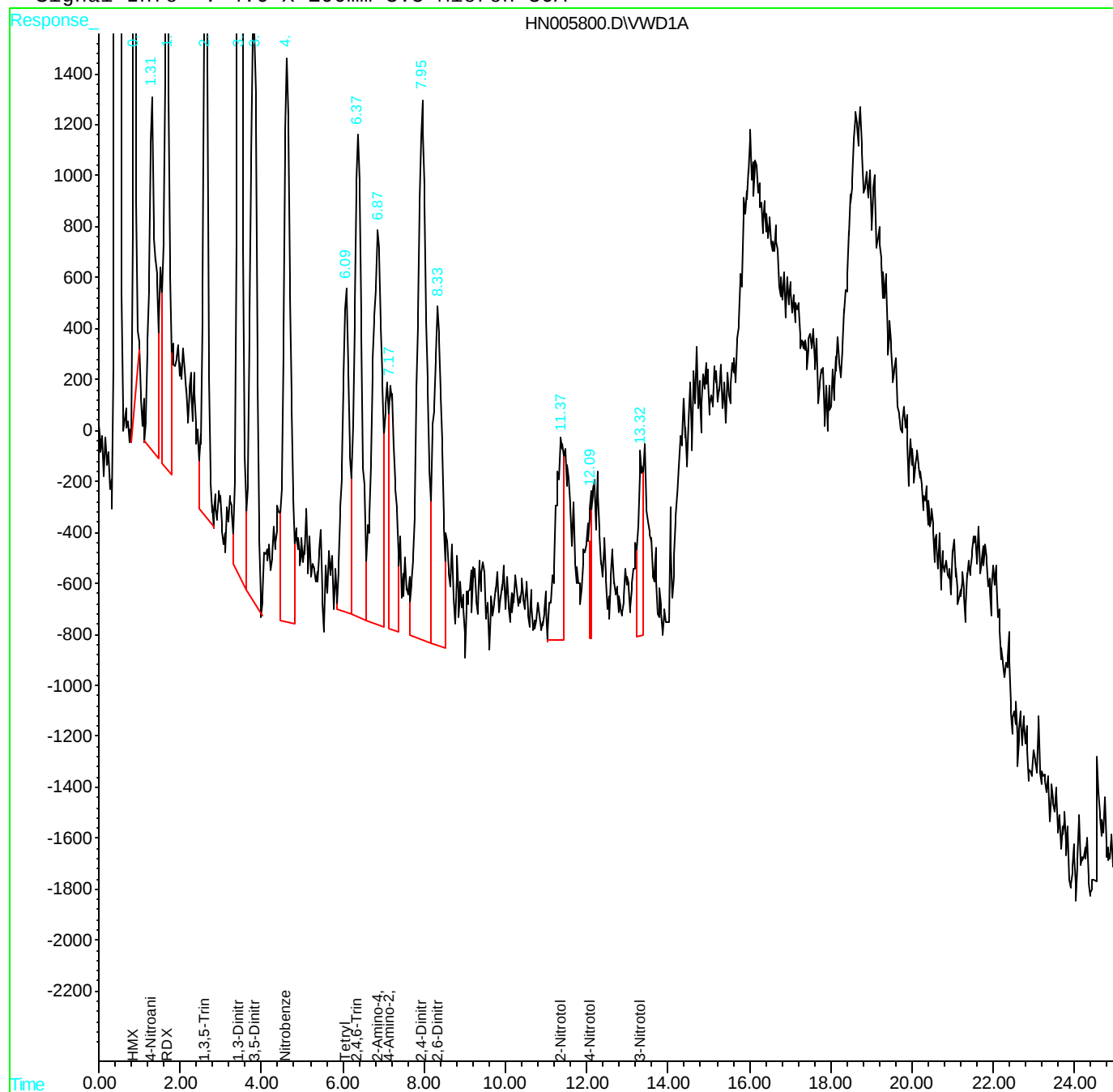
HN005800.D HN012114.M Fri Jan 24 13:01:28 2014 RPT1

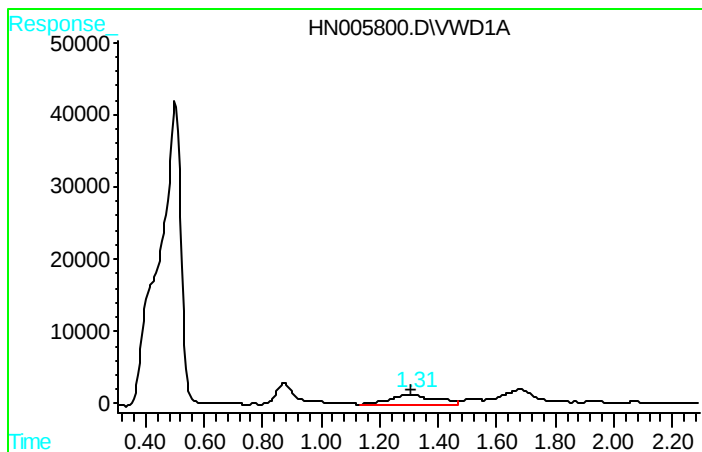
Quantitation Report

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Acq On : 21-Jan-2014, 19:54 Operator: QM
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Quant Time: Jan 24 13:01 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 12:45:07 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

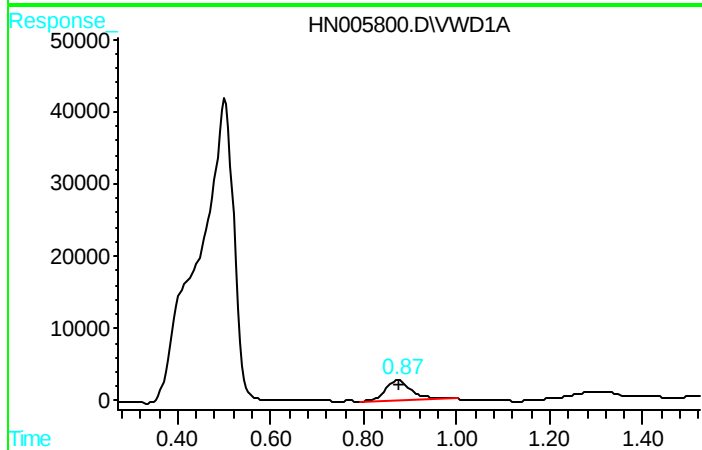
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





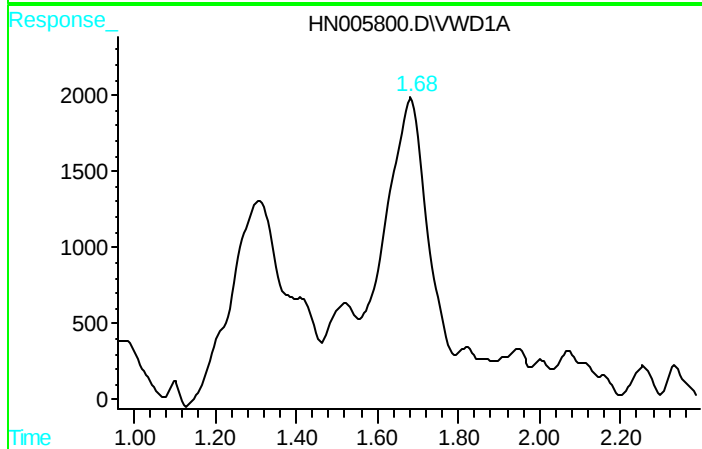
#1 4-Nitroaniline

R.T.: 1.308 min
 Delta R.T.: 0.003 min
 Response: 146806
 Conc: 38.87 ug/L



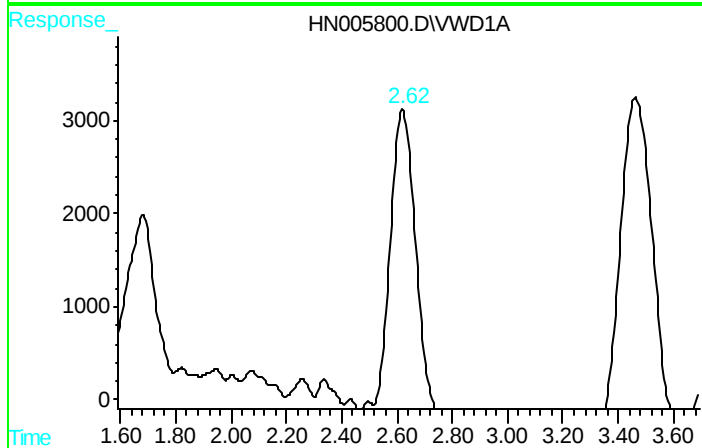
#2 HMX

R.T.: 0.875 min
 Delta R.T.: 0.001 min
 Response: 107872
 Conc: 26.24 ug/L



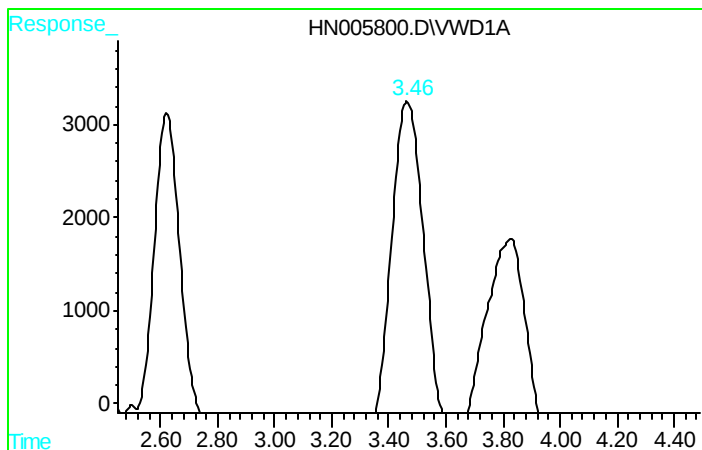
#3 RDX

R.T.: 1.683 min
 Delta R.T.: 0.004 min
 Response: 179709
 Conc: 31.36 ug/L



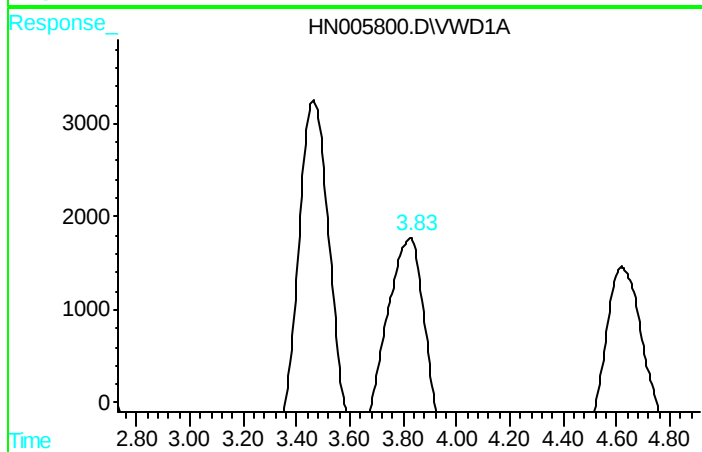
#4 1,3,5-Trinitrobenzene

R.T.: 2.622 min
 Delta R.T.: 0.000 min
 Response: 239695
 Conc: 22.89 ug/L



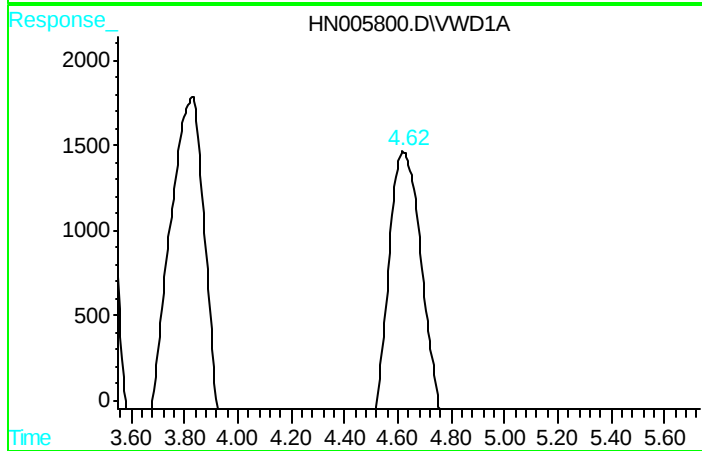
#5 1,3-Dinitrobenzene

R.T.: 3.465 min
Delta R.T.: -0.004 min
Response: 332108
Conc: 20.59 ng/ml



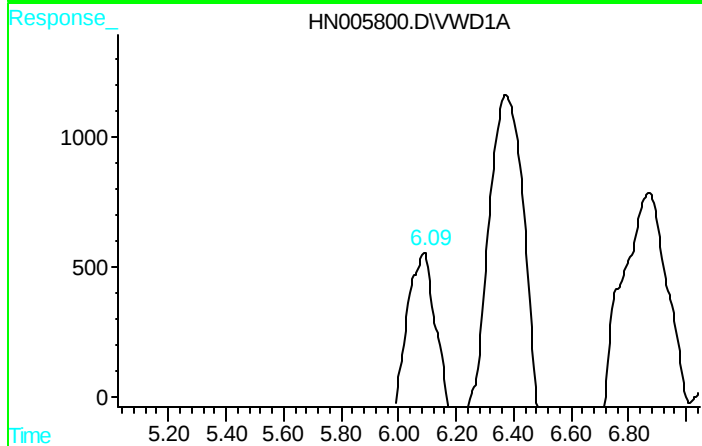
#6 3,5-Dinitroaniline

R.T.: 3.828 min
Delta R.T.: 0.011 min
Response: 267004
Conc: 21.33 ug/L



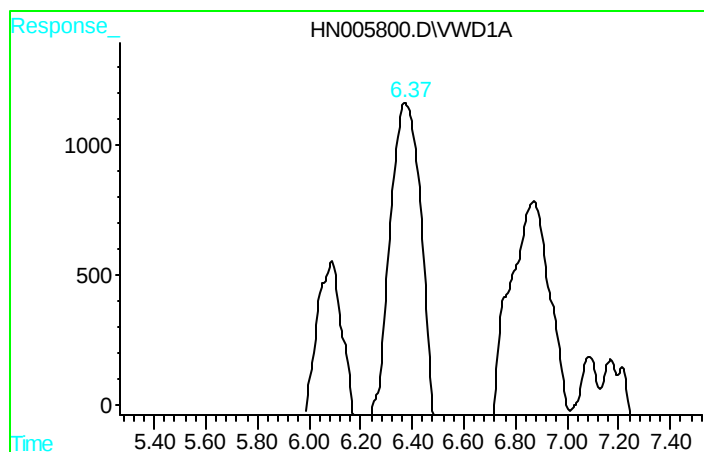
#7 Nitrobenzene

R.T.: 4.622 min
Delta R.T.: -0.010 min
Response: 257666
Conc: 25.14 ug/L



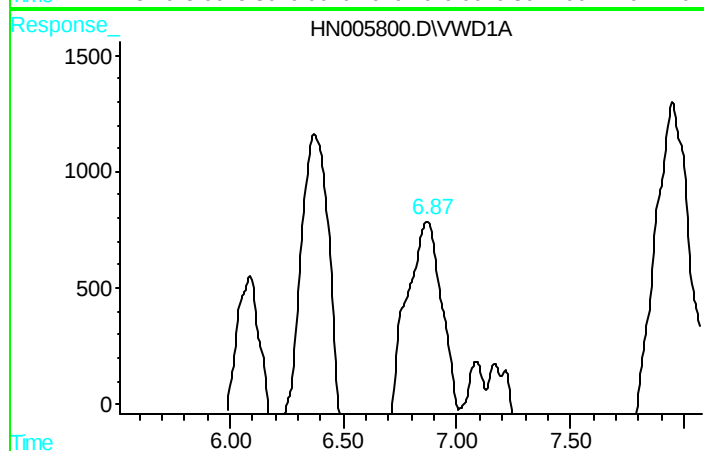
#8 Tetryl

R.T.: 6.089 min
Delta R.T.: 0.018 min
Response: 147237
Conc: 21.35 ug/L



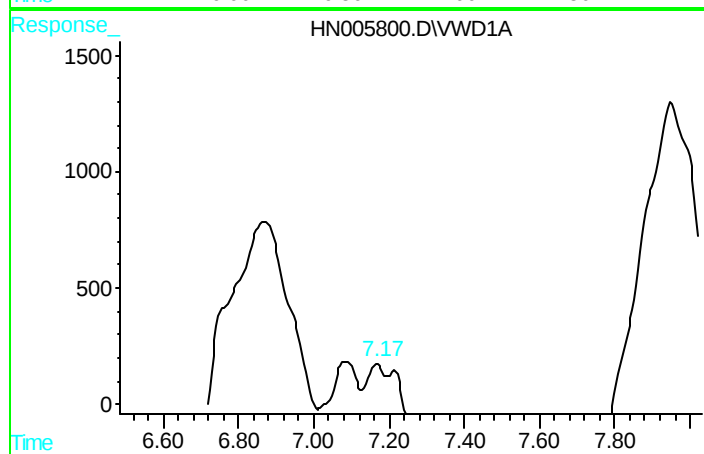
#9 2,4,6-Trinitrotoluene

R.T.: 6.374 min
Delta R.T.: 0.001 min
Response: 238990
Conc: 22.87 ug/L



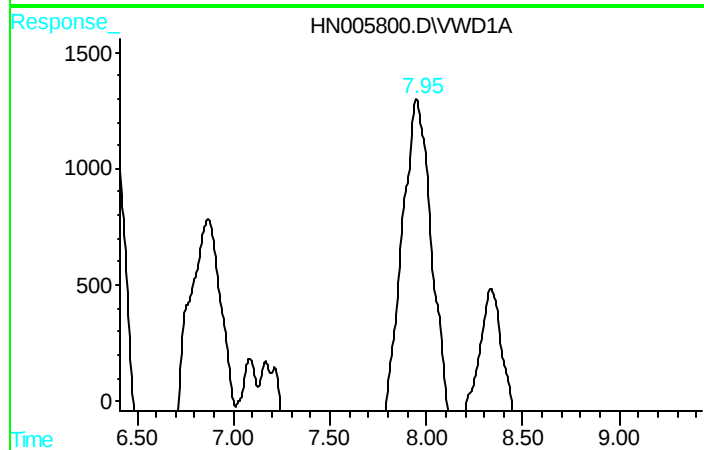
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.871 min
Delta R.T.: 0.027 min
Response: 249962
Conc: 22.34 ug/L



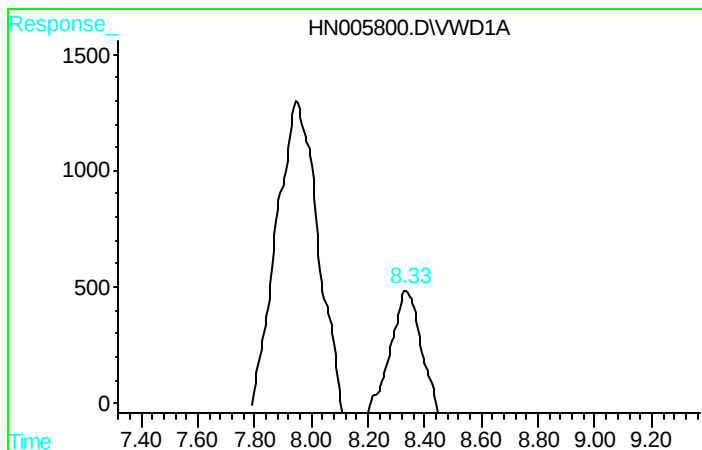
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 106555
Conc: 17.59 ug/L



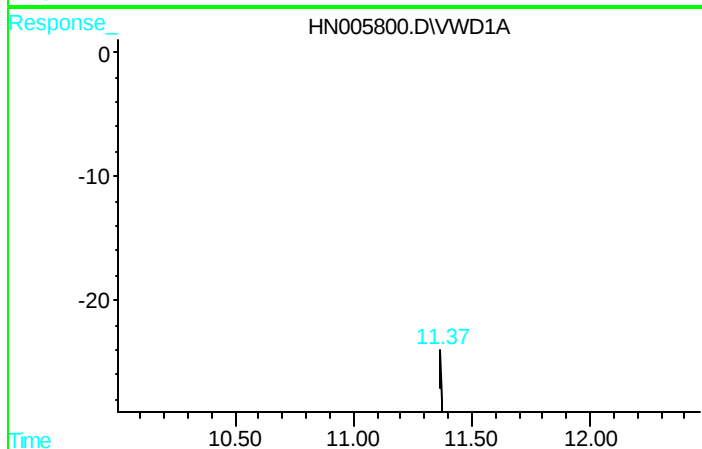
#12 2,4-Dinitrotoluene

R.T.: 7.950 min
Delta R.T.: 0.012 min
Response: 334869
Conc: 22.61 ug/L



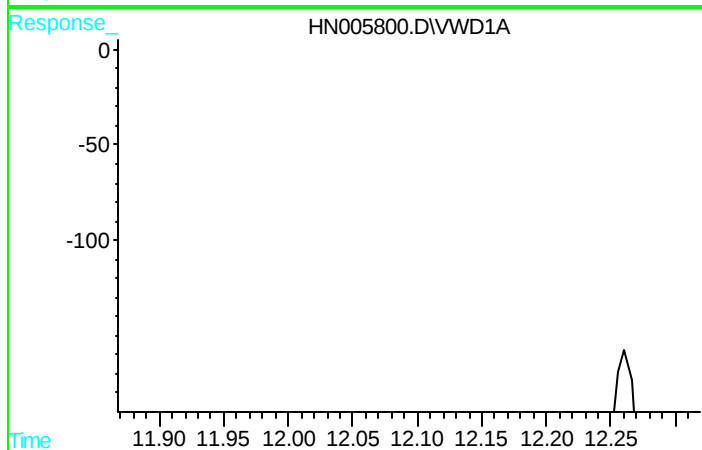
#13 2,6-Dinitrotoluene

R.T.: 8.336 min
Delta R.T.: 0.022 min
Response: 190407
Conc: 23.38 ug/L



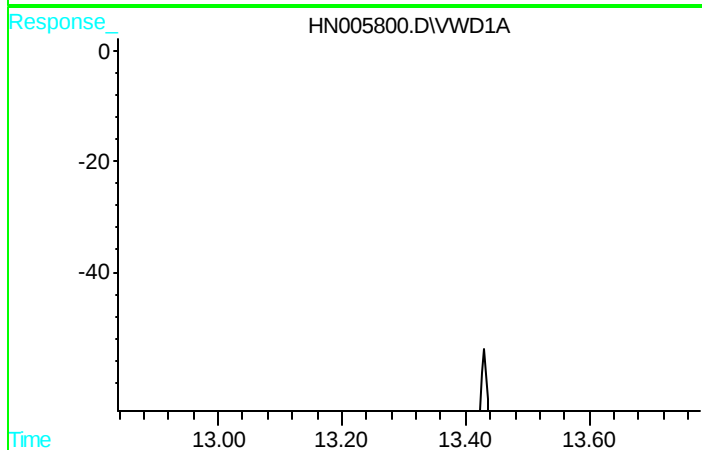
#14 2-Nitrotoluene

R.T.: 11.370 min
Delta R.T.: -0.021 min
Response: 109286
Conc: 17.06 ug/L



#15 4-Nitrotoluene

R.T.: 12.098 min
Delta R.T.: -0.035 min
Response: 23238
Conc: 4.35 ug/L



#16 3-Nitrotoluene

R.T.: 13.323 min
Delta R.T.: -0.036 min
Response: 52575
Conc: 7.80 ug/L