

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN052913\HN005331.D Vial: 9
Acq On : 29-May-2013, 17:28 Operator: QM
Sample : LOD-W-50PPB Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: May 30 17:45 2013 Quant Results File: HN052213.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 05:23:33 2013
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	1.38	1330545	313.051 ug/L
Target Compounds			
2) T HMX	0.94	231891	54.507 ug/L
3) T RDX	1.78	305961	59.485 ug/L
4) T 1,3,5-Trinitrobenzene	2.77	651259	59.389 ug/L
5) T 1,3-Dinitrobenzene	3.69	938448	72.061 ng/ml
6) T 3,5-Dinitroaniline	4.11	761462	48.913 ug/L
7) T Nitrobenzene	4.90	240984	25.891 ug/L
9) T 2,4,6-Trinitrotoluene	6.72	689406	58.973 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.36	582925	54.595 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.71	382882	62.700 ug/L
12) T 2,4-Dinitrotoluene	8.41	820878	56.433 ug/L
13) T 2,6-Dinitrotoluene	8.82	482468	58.480 ug/L
14) T 2-Nitrotoluene	12.05	748959	120.087 ug/L
15) T 4-Nitrotoluene	12.79	340926	64.995 ug/L
16) T 3-Nitrotoluene	14.10	481233	72.456 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.

HN005331.D HN052213.M

Thu May 30 17:45:47 2013

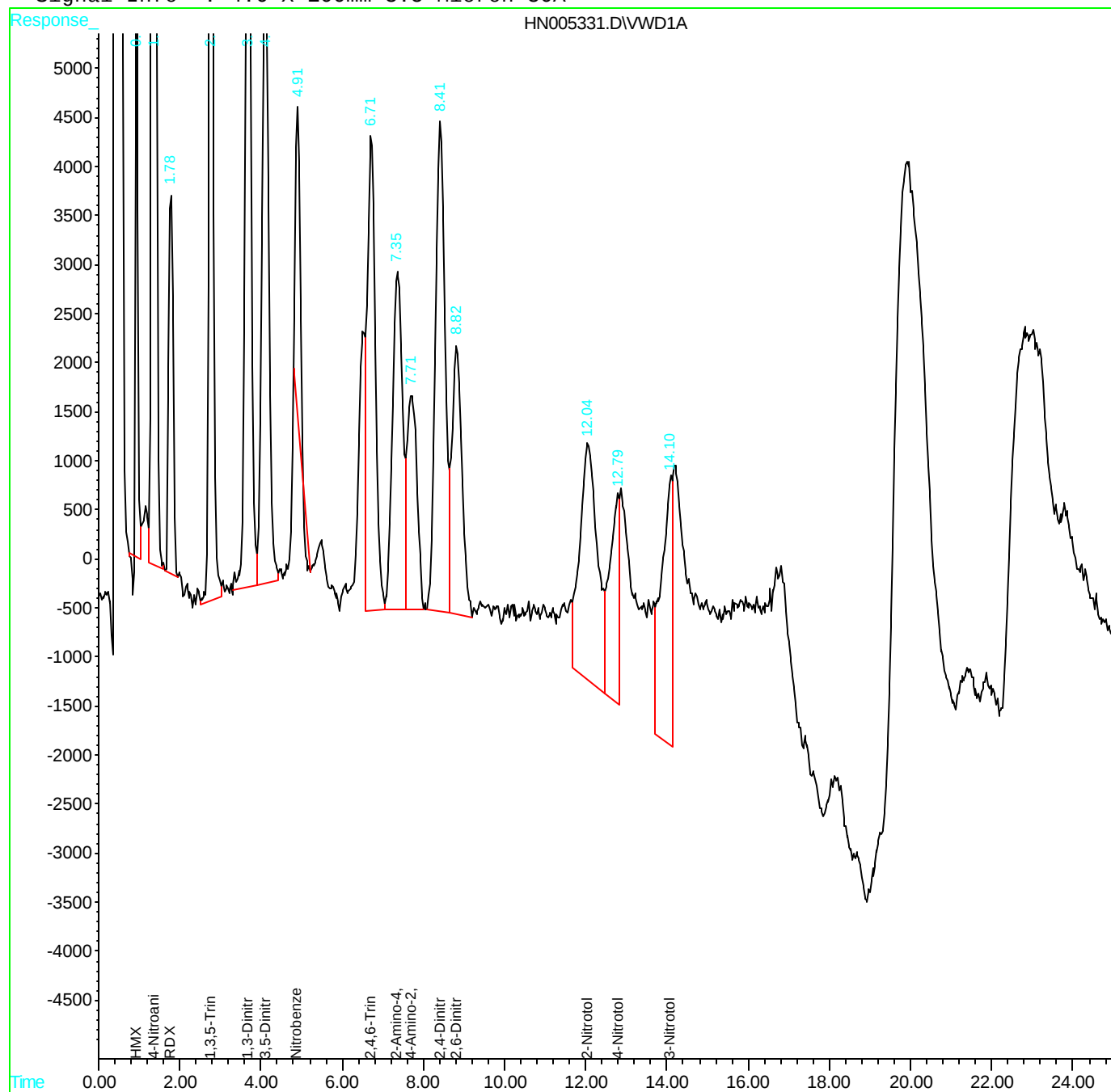
RPT1

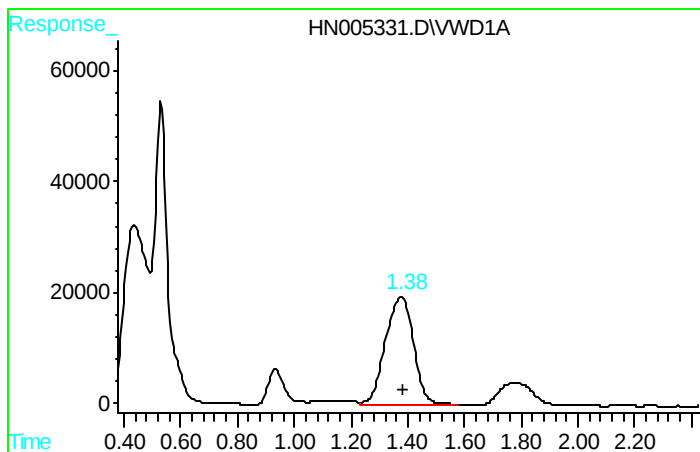
Quantitation Report

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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 05:23:33 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

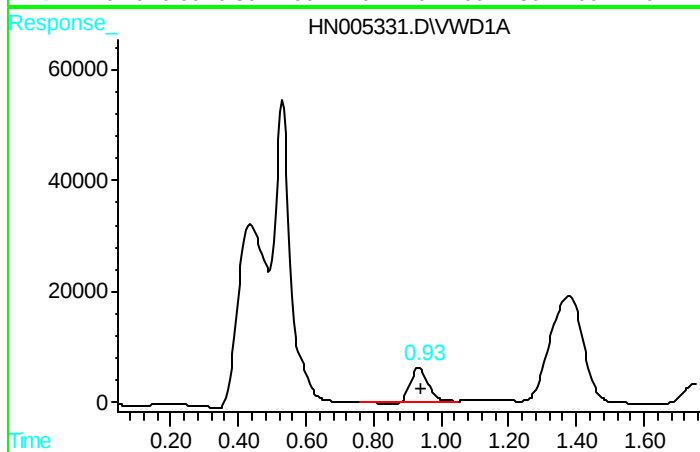
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





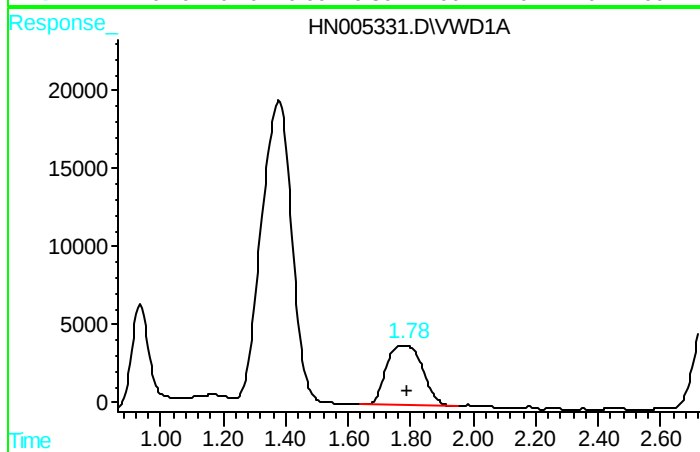
#1 4-Nitroaniline

R.T.: 1.379 min
Delta R.T.: -0.004 min
Response: 1330545
Conc: 313.05 ug/L



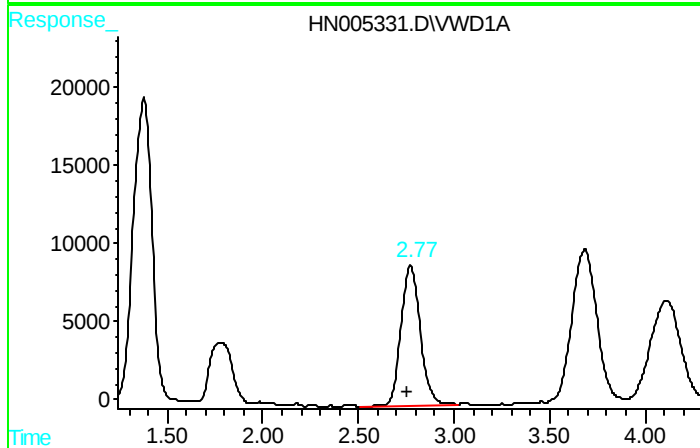
#2 HMX

R.T.: 0.935 min
Delta R.T.: -0.004 min
Response: 231891
Conc: 54.51 ug/L



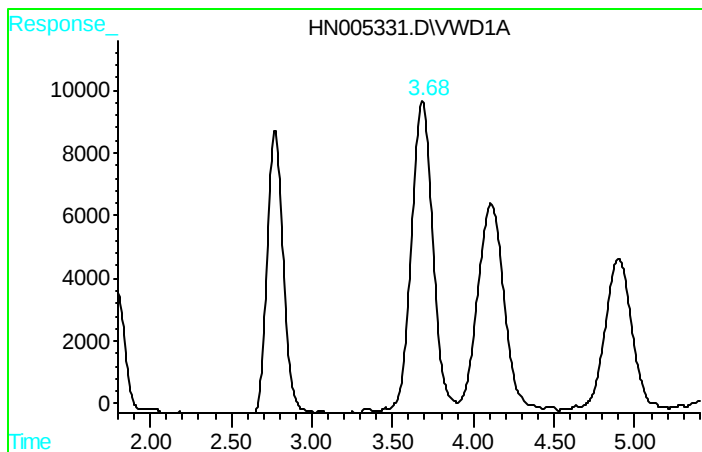
#3 RDX

R.T.: 1.780 min
Delta R.T.: -0.011 min
Response: 305961
Conc: 59.49 ug/L



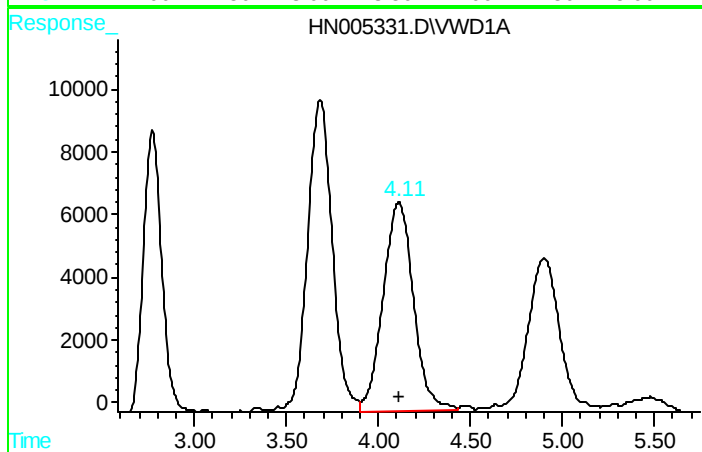
#4 1,3,5-Trinitrobenzene

R.T.: 2.773 min
Delta R.T.: 0.024 min
Response: 651259
Conc: 59.39 ug/L



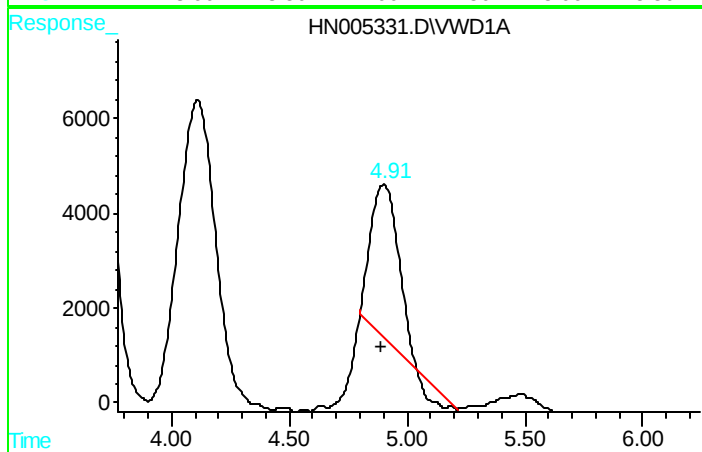
#5 1,3-Dinitrobenzene

R.T.: 3.685 min
Delta R.T.: 0.013 min
Response: 938448
Conc: 72.06 ng/ml



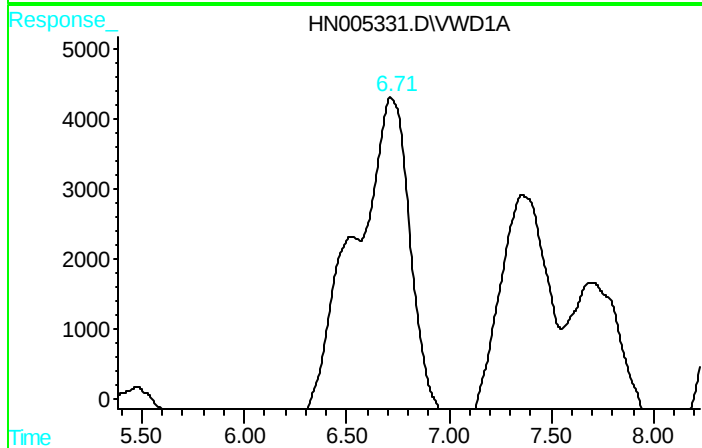
#6 3,5-Dinitroaniline

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 761462
Conc: 48.91 ug/L



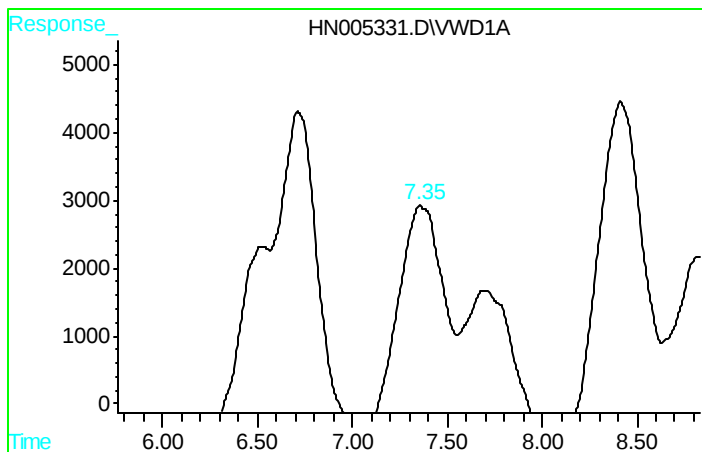
#7 Nitrobenzene

R.T.: 4.902 min
Delta R.T.: 0.010 min
Response: 240984
Conc: 25.89 ug/L



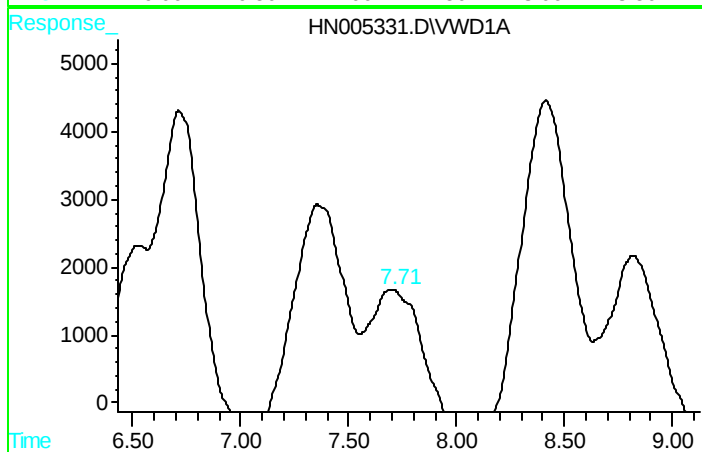
#9 2,4,6-Trinitrotoluene

R.T.: 6.716 min
Delta R.T.: -0.028 min
Response: 689406
Conc: 58.97 ug/L



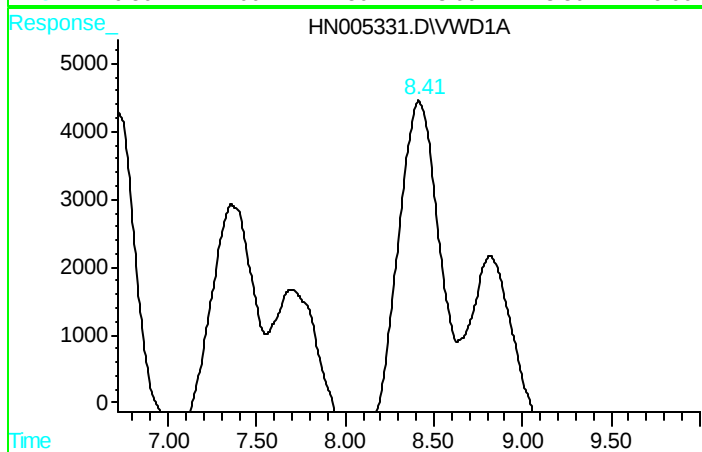
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.357 min
Delta R.T.: -0.046 min
Response: 582925
Conc: 54.59 ug/L



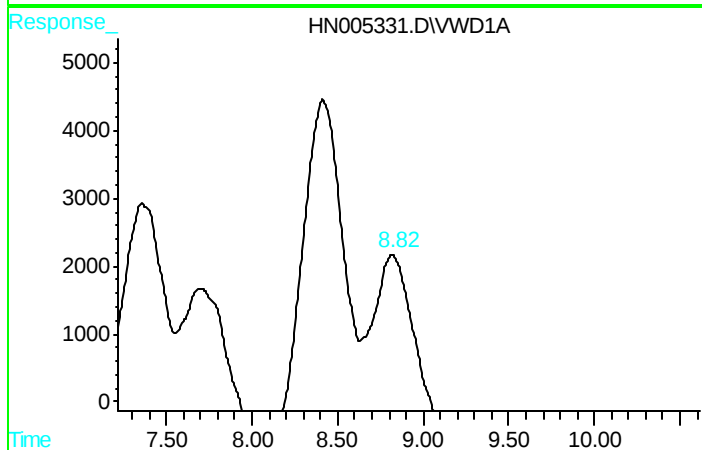
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.709 min
Delta R.T.: -0.048 min
Response: 382882
Conc: 62.70 ug/L



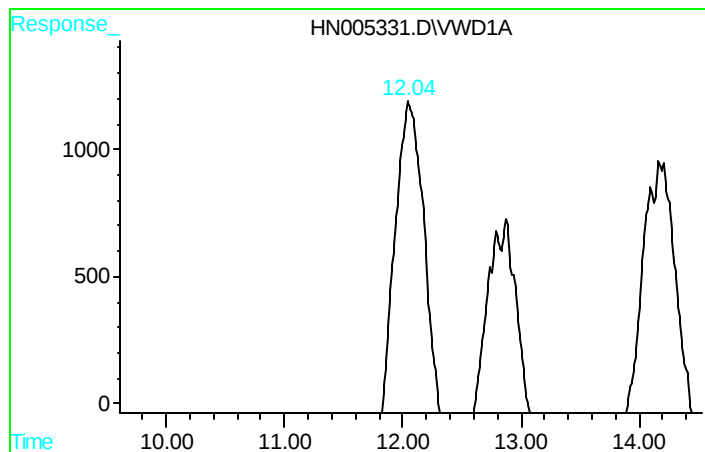
#12 2,4-Dinitrotoluene

R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 820878
Conc: 56.43 ug/L



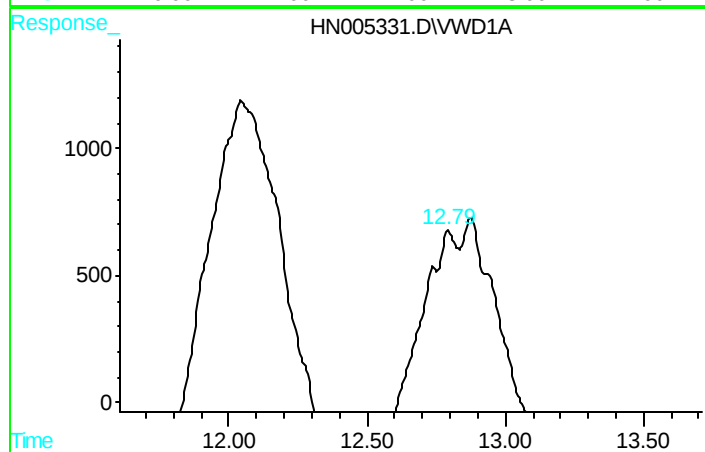
#13 2,6-Dinitrotoluene

R.T.: 8.820 min
Delta R.T.: -0.019 min
Response: 482468
Conc: 58.48 ug/L



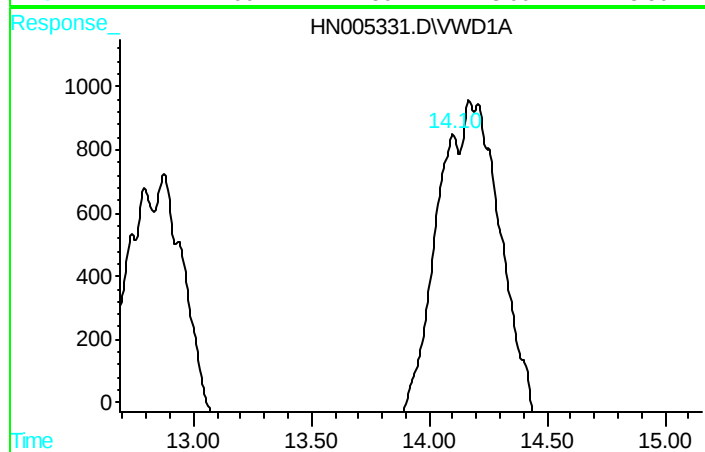
#14 2-Nitrotoluene

R.T.: 12.047 min
 Delta R.T.: 0.022 min
 Response: 748959
 Conc: 120.09 ug/L



#15 4-Nitrotoluene

R.T.: 12.795 min
 Delta R.T.: 0.032 min
 Response: 340926
 Conc: 64.99 ug/L



#16 3-Nitrotoluene

R.T.: 14.102 min
 Delta R.T.: 0.055 min
 Response: 481233
 Conc: 72.46 ug/L