

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005957.D Vial: 9
Acq On : 28-Apr-2014, 21:27 Operator: HNP
Sample : PB75998BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 10:53 2014 Quant Results File: HN042814.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
Title :
Last Update : Tue Apr 29 09:06:37 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	1.39	694449	167.003 ug/L
Target Compounds			
2) T HMX	0.92	1013258	198.529 ug/L
3) T RDX	1.79	762481	129.533 ug/L
4) T 1,3,5-Trinitrobenzene	2.83	1358007	114.648 ug/L
5) T 1,3-Dinitrobenzene	3.75	2185242	120.987 ng/ml
6) T 3,5-Dinitroaniline	4.13	1853027	136.051 ug/L
7) T Nitrobenzene	5.01	1367400	125.821 ug/L
8) T Tetryl	6.78	774579	94.943 ug/L
9) T 2,4,6-Trinitrotoluene	7.04	1515848	124.707 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.55	1388818	112.541 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.97	932238	133.697 ug/L
12) T 2,4-Dinitrotoluene	8.75	1912619	112.203 ug/L
13) T 2,6-Dinitrotoluene	9.20	1039460	119.059 ug/L
14) T 2-Nitrotoluene	12.60	861757	130.304 ug/L
16) T 3-Nitrotoluene	14.77	2866285	133.512 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.

HN005957.D HN042814.M

Tue Apr 29 10:56:46 2014

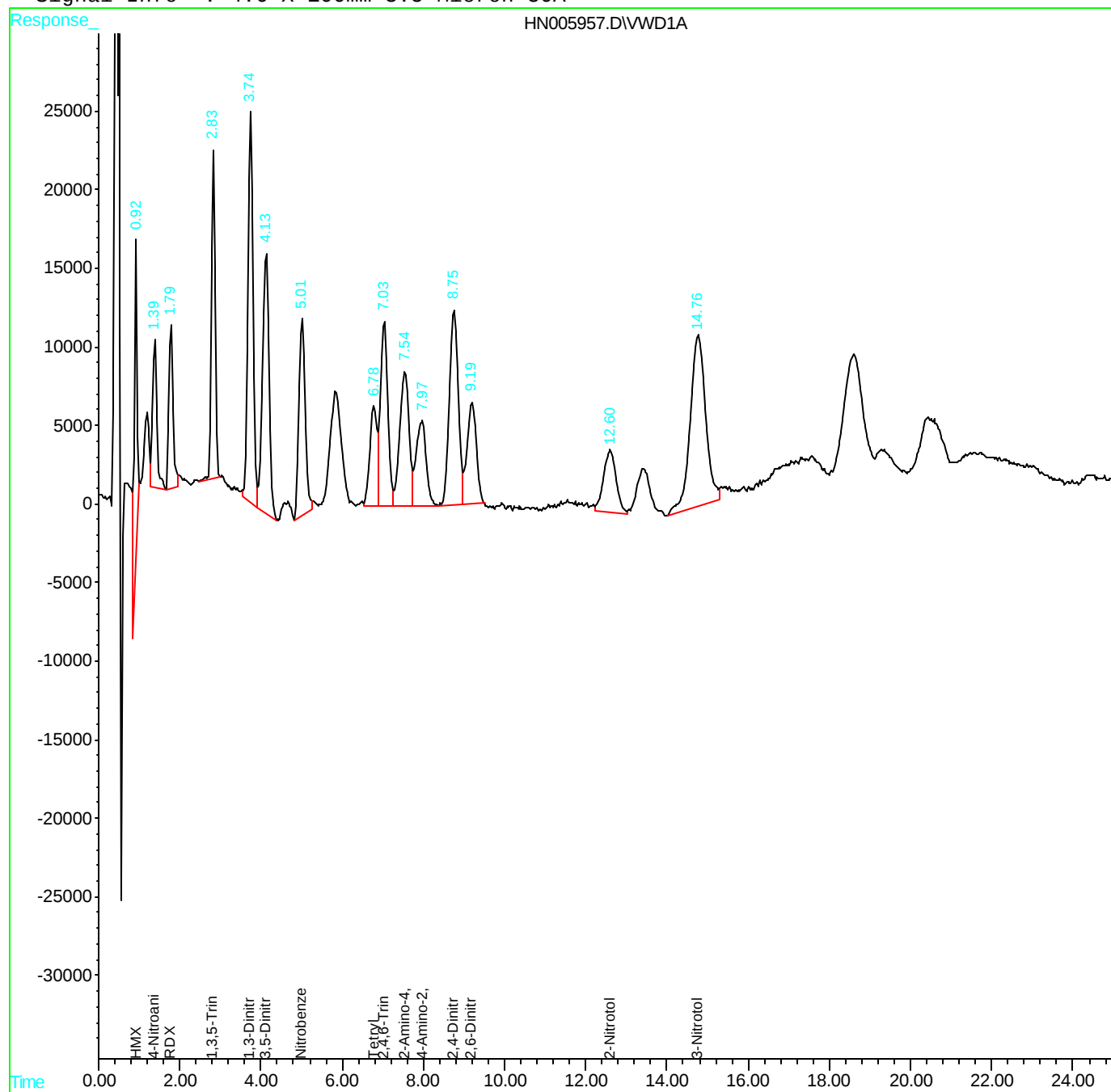
RPT1

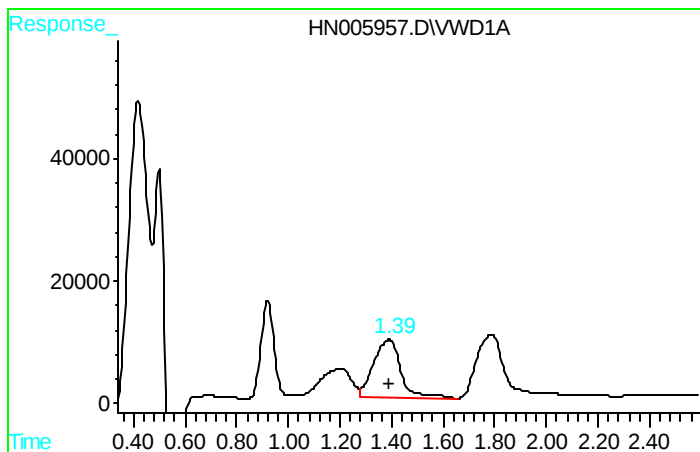
Quantitation Report

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
Title :
Last Update : Tue Apr 29 09:06:37 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

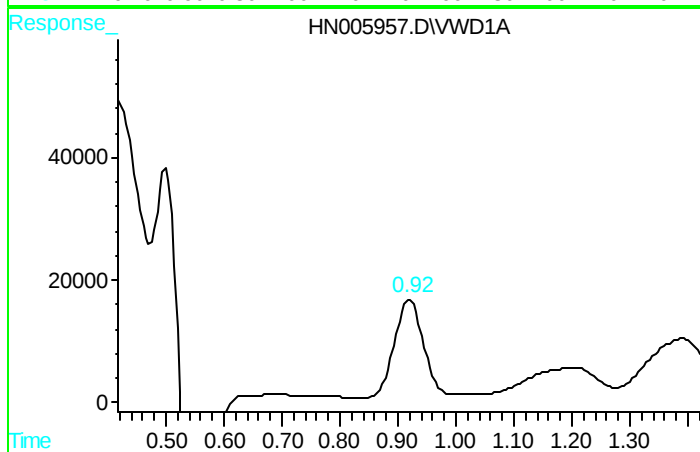
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





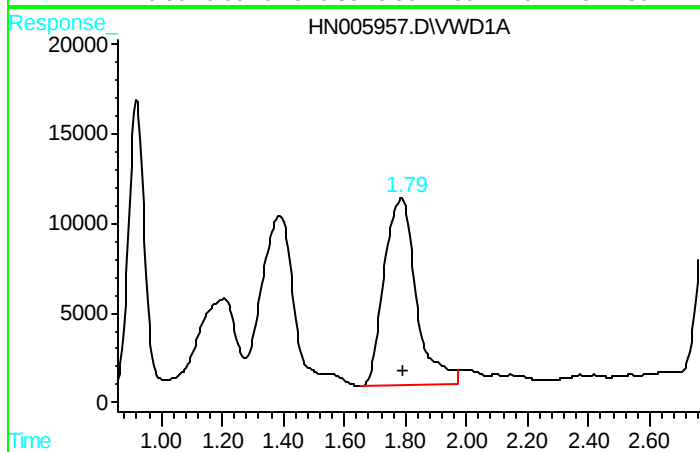
#1 4-Nitroaniline

R.T.: 1.390 min
Delta R.T.: 0.000 min
Response: 694449
Conc: 167.00 ug/L



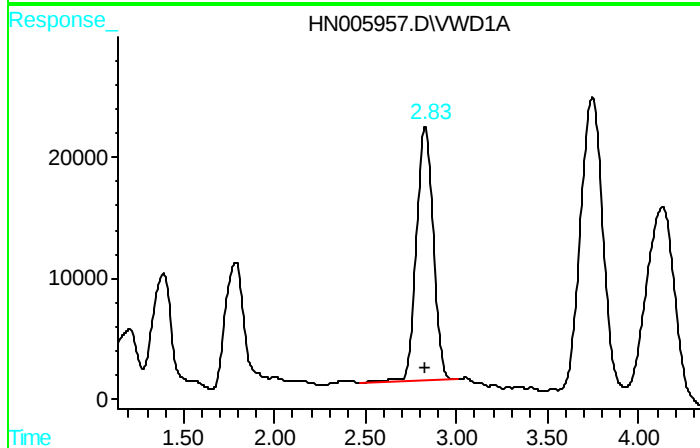
#2 HMX

R.T.: 0.921 min
Delta R.T.: 0.002 min
Response: 1013258
Conc: 198.53 ug/L



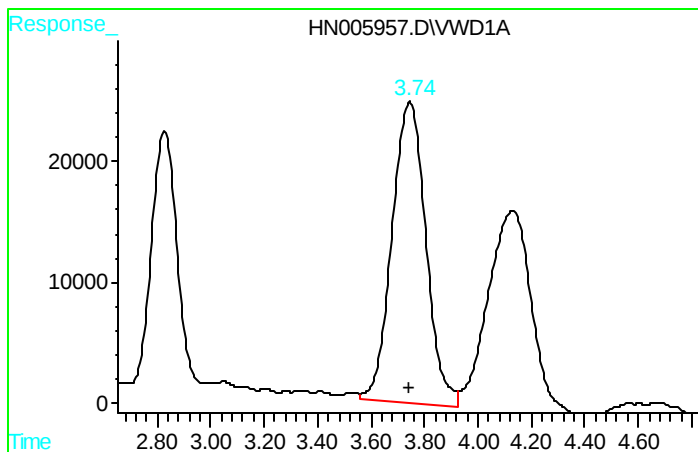
#3 RDX

R.T.: 1.788 min
Delta R.T.: -0.005 min
Response: 762481
Conc: 129.53 ug/L



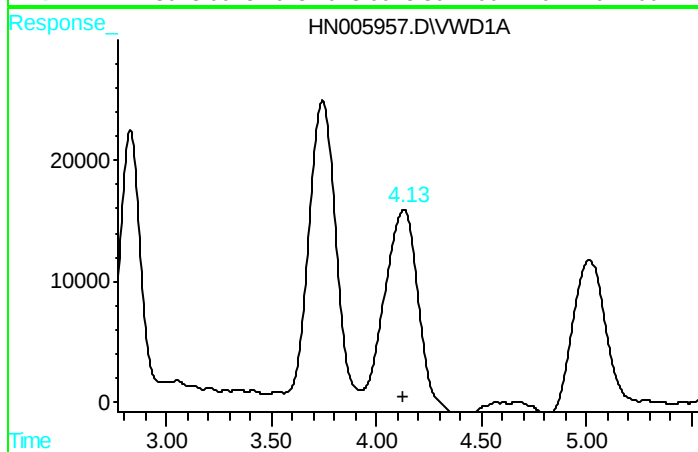
#4 1,3,5-Trinitrobenzene

R.T.: 2.828 min
Delta R.T.: 0.002 min
Response: 1358007
Conc: 114.65 ug/L



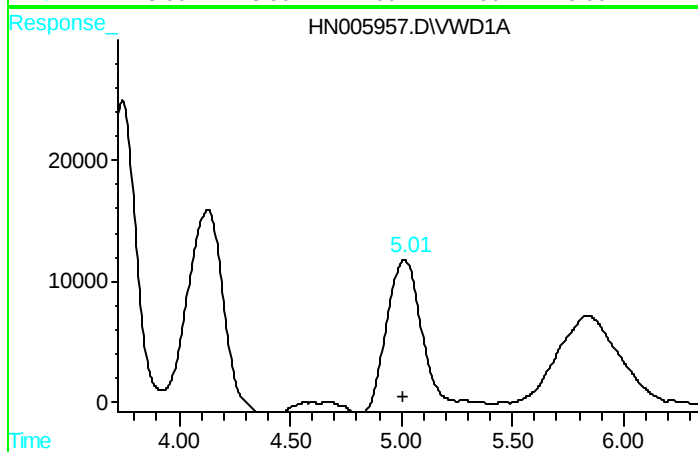
#5 1,3-Dinitrobenzene

R.T.: 3.746 min
Delta R.T.: 0.003 min
Response: 2185242
Conc: 120.99 ng/ml



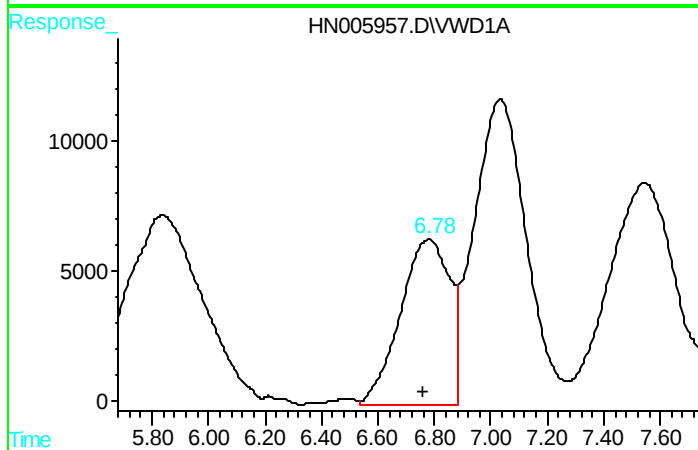
#6 3,5-Dinitroaniline

R.T.: 4.131 min
Delta R.T.: 0.000 min
Response: 1853027
Conc: 136.05 ug/L



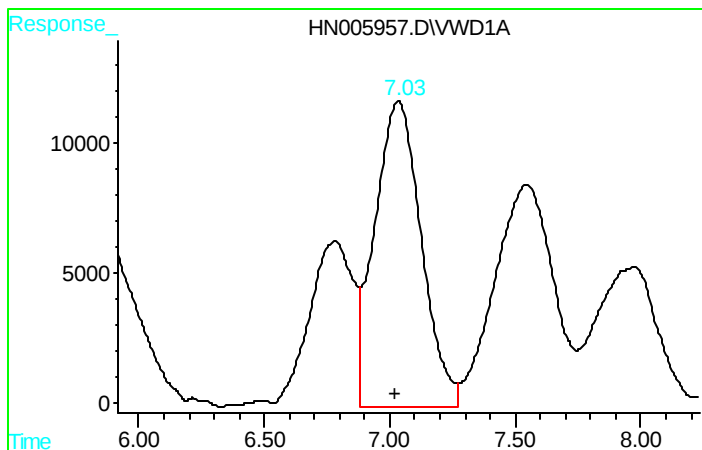
#7 Nitrobenzene

R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 1367400
Conc: 125.82 ug/L



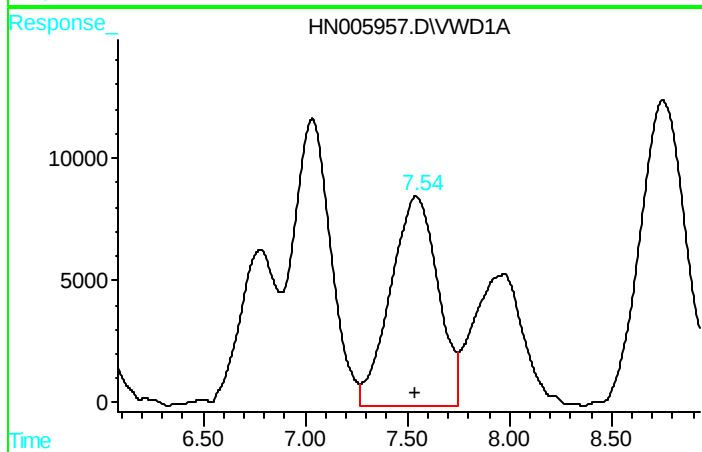
#8 Tetryl

R.T.: 6.782 min
Delta R.T.: 0.020 min
Response: 774579
Conc: 94.94 ug/L



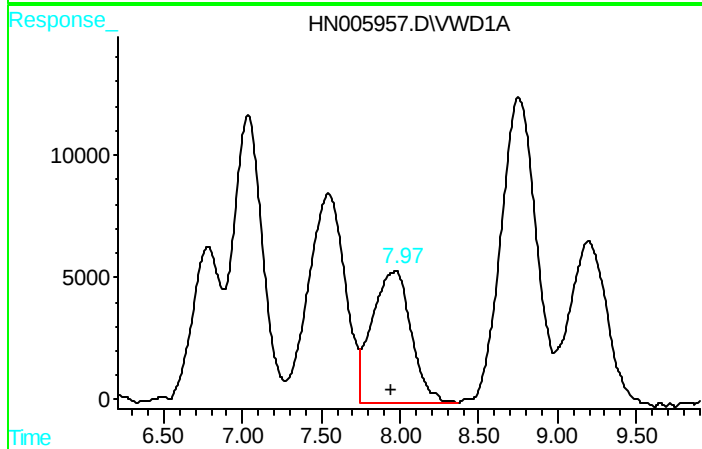
#9 2,4,6-Trinitrotoluene

R.T.: 7.035 min
Delta R.T.: 0.018 min
Response: 1515848
Conc: 124.71 ug/L



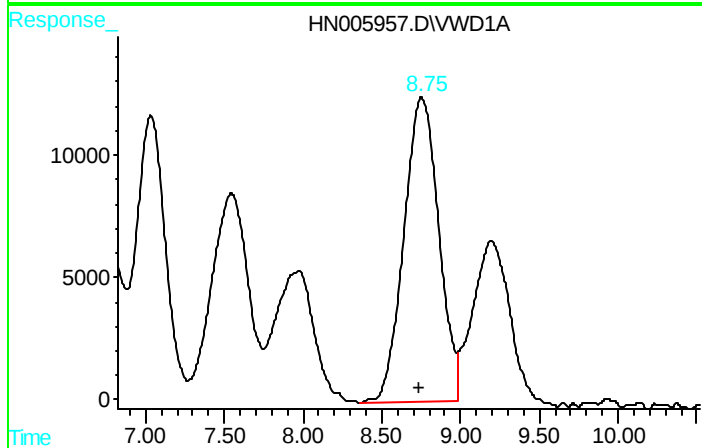
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.546 min
Delta R.T.: 0.013 min
Response: 1388818
Conc: 112.54 ug/L



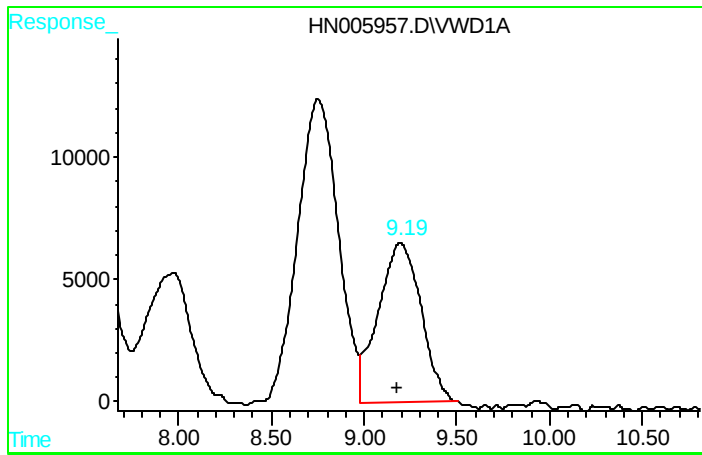
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.970 min
Delta R.T.: 0.034 min
Response: 932238
Conc: 133.70 ug/L



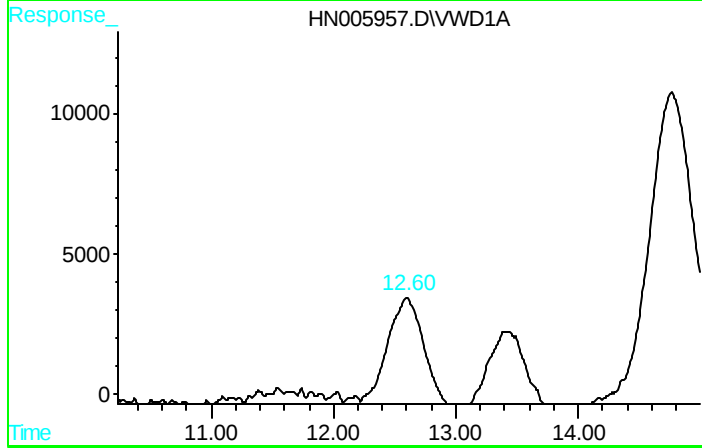
#12 2,4-Dinitrotoluene

R.T.: 8.753 min
Delta R.T.: 0.022 min
Response: 1912619
Conc: 112.20 ug/L



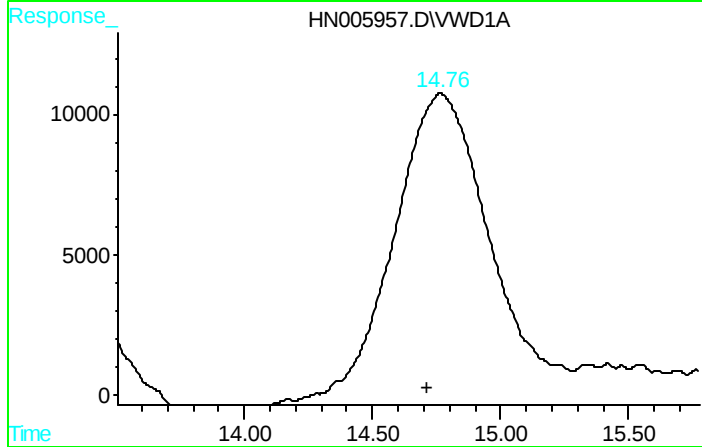
#13 2,6-Dinitrotoluene

R.T.: 9.196 min
Delta R.T.: 0.021 min
Response: 1039460
Conc: 119.06 ug/L



#14 2-Nitrotoluene

R.T.: 12.599 min
Delta R.T.: 0.049 min
Response: 861757
Conc: 130.30 ug/L



#16 3-Nitrotoluene

R.T.: 14.767 min
Delta R.T.: 0.057 min
Response: 2866285
Conc: 133.51 ug/L