

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005806.D Vial: 32
 Acq On : 21-Jan-2014, 22:36 Operator: QM
 Sample : F1002-04 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:22 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 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	747861	198.527 ug/L
Target Compounds			
2) T HMX	0.87	206352	48.116 ug/L
3) T RDX	1.66	331239	57.757 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	437340	40.635 ug/L
5) T 1,3-Dinitrobenzene	3.47	752531	46.647 ng/ml
6) T 3,5-Dinitroaniline	3.82	618808	49.443 ug/L
7) T Nitrobenzene	4.64	523406	48.685 ug/L
8) T Tetryl	6.03	42147	6.112 ug/L
9) T 2,4,6-Trinitrotoluene	6.40	481038	45.124 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.87	498267	43.593 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.21	306453	53.017 ug/L
12) T 2,4-Dinitrotoluene	7.98	807043	52.753 ug/L
13) T 2,6-Dinitrotoluene	8.35	517212	61.278 ug/L
14) T 2-Nitrotoluene	11.40	123678	18.685 ug/L
15) T 4-Nitrotoluene	12.14	140064	26.227 ug/L
16) T 3-Nitrotoluene	13.38	128343	19.231 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.

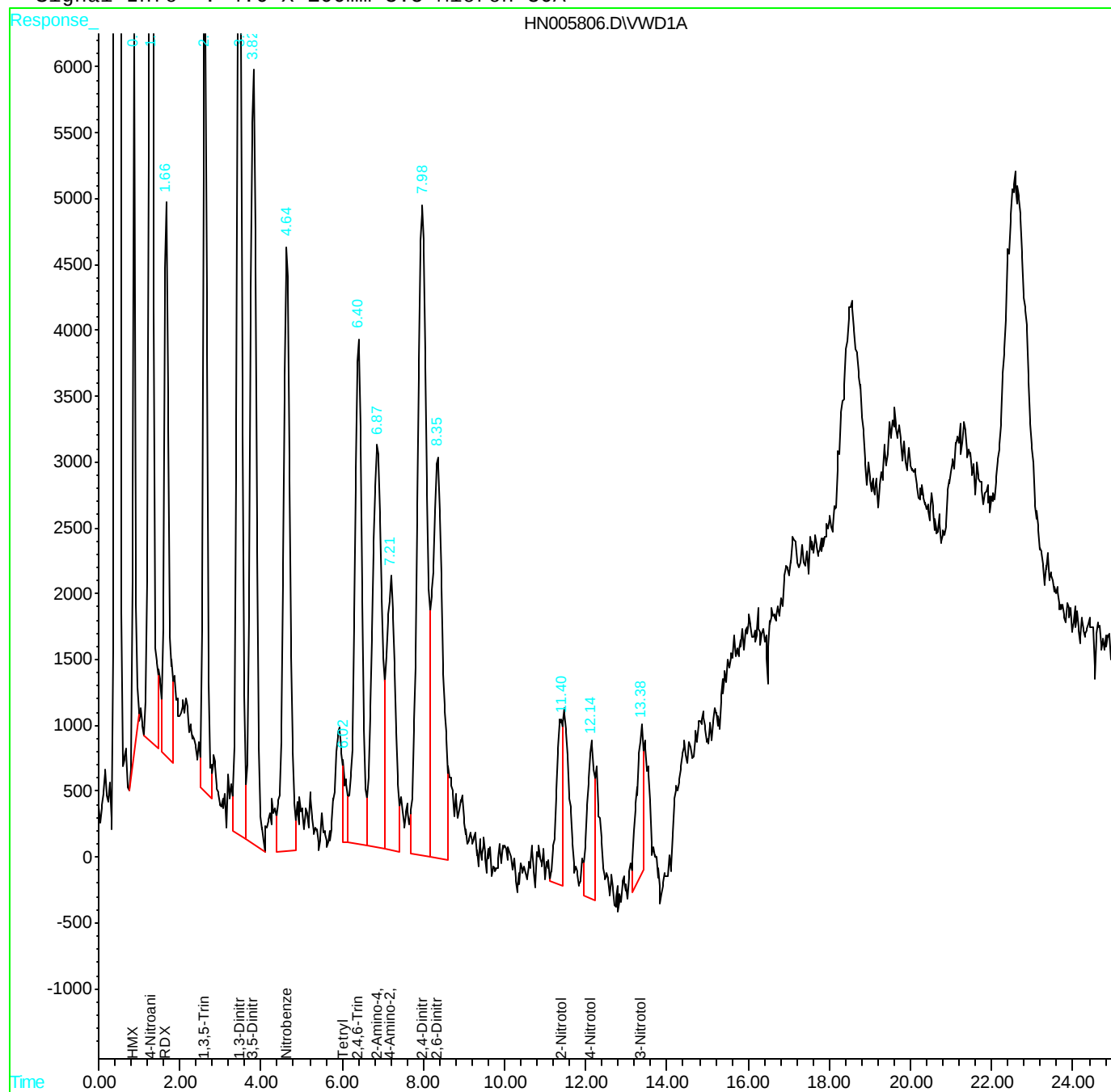
HN005806.D HN012114.M Fri Jan 24 13:22:35 2014 RPT1

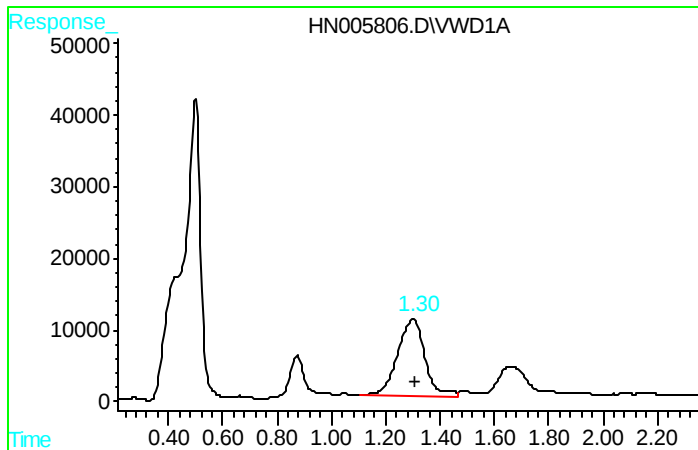
Quantitation Report

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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

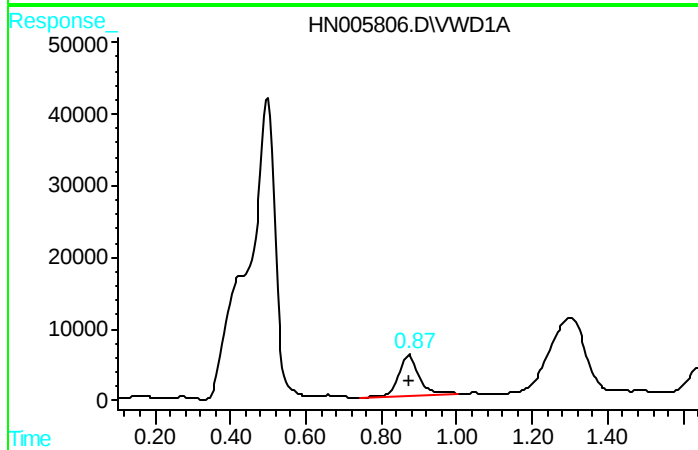
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





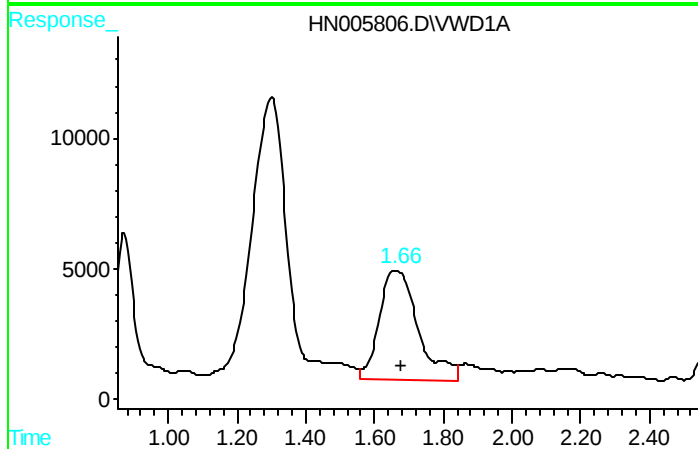
#1 4-Nitroaniline

R.T.: 1.301 min
 Delta R.T.: -0.003 min
 Response: 747861
 Conc: 198.53 ug/L



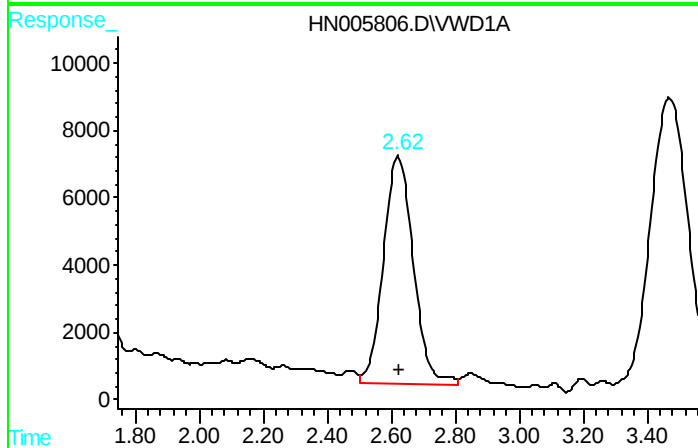
#2 HMX

R.T.: 0.873 min
 Delta R.T.: 0.000 min
 Response: 206352
 Conc: 48.12 ug/L



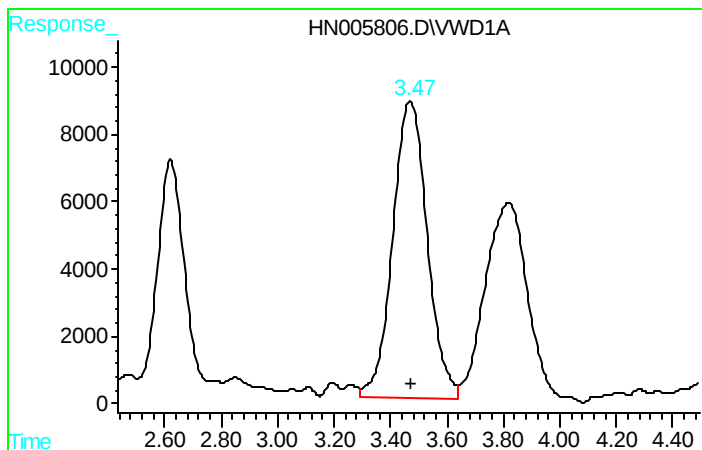
#3 RDX

R.T.: 1.663 min
 Delta R.T.: -0.016 min
 Response: 331239
 Conc: 57.76 ug/L

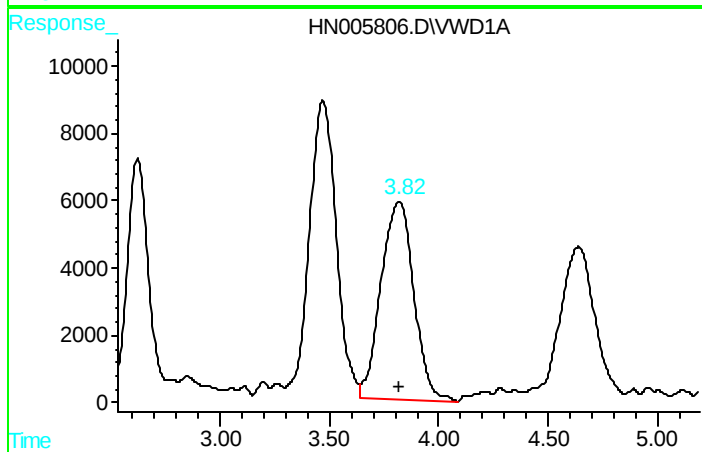


#4 1,3,5-Trinitrobenzene

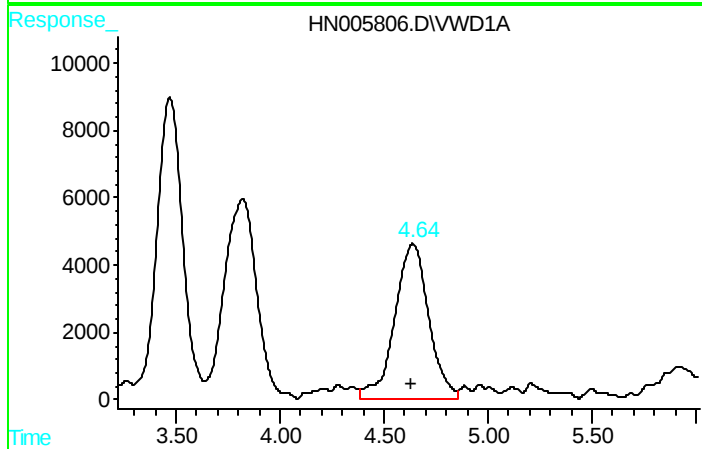
R.T.: 2.622 min
 Delta R.T.: 0.000 min
 Response: 437340
 Conc: 40.63 ug/L



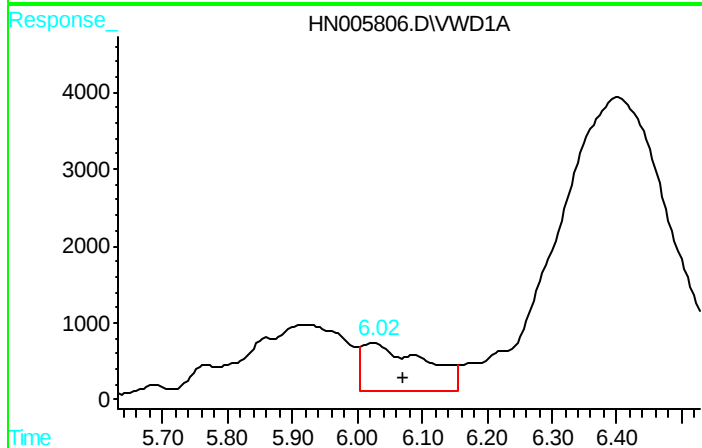
#5 1,3-Dinitrobenzene
 R.T.: 3.471 min
 Delta R.T.: 0.002 min
 Response: 752531
 Conc: 46.65 ng/ml



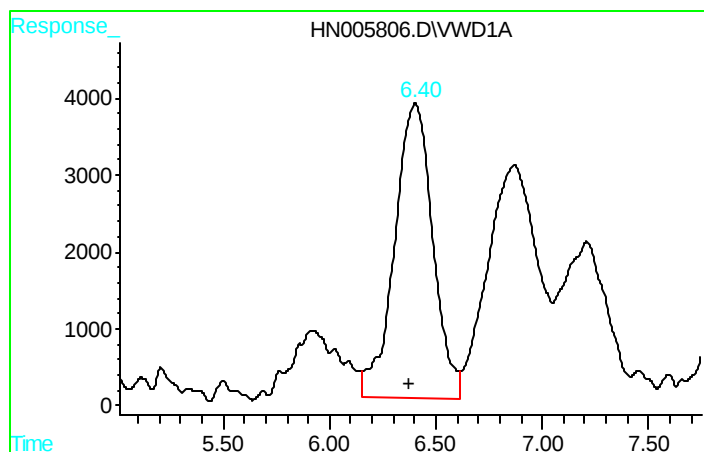
#6 3,5-Dinitroaniline
 R.T.: 3.818 min
 Delta R.T.: 0.001 min
 Response: 618808
 Conc: 49.44 ug/L



#7 Nitrobenzene
 R.T.: 4.640 min
 Delta R.T.: 0.008 min
 Response: 523406
 Conc: 48.69 ug/L

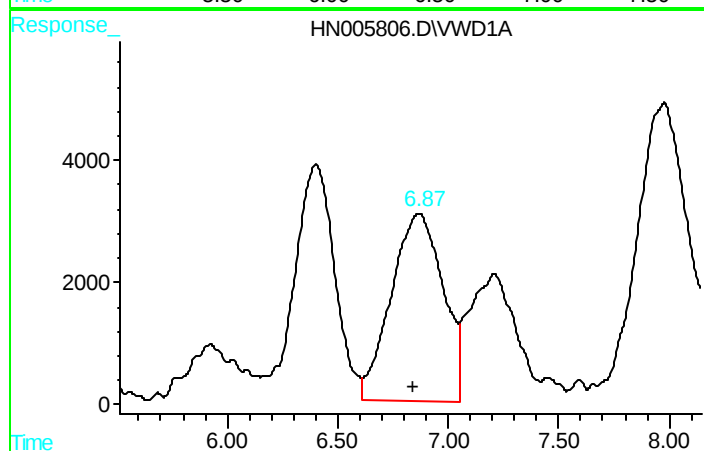


#8 Tetryl
 R.T.: 6.025 min
 Delta R.T.: -0.046 min
 Response: 42147
 Conc: 6.11 ug/L



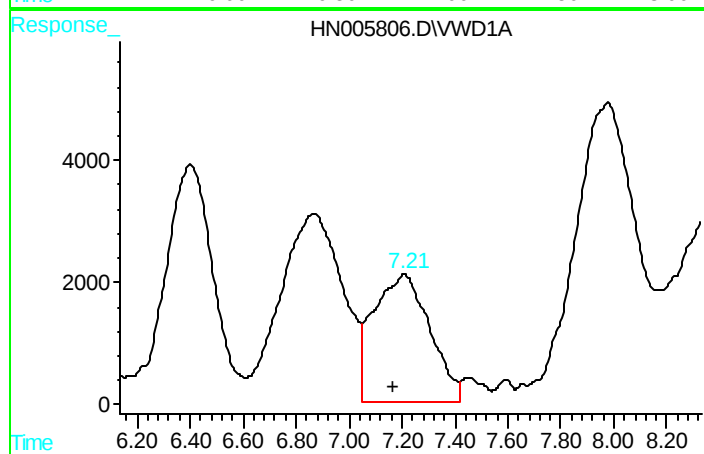
#9 2,4,6-Trinitrotoluene

R.T.: 6.402 min
Delta R.T.: 0.029 min
Response: 481038
Conc: 45.12 ug/L



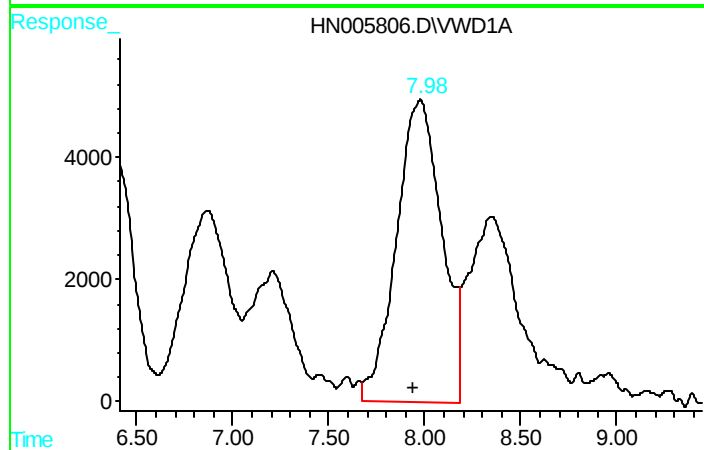
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.869 min
Delta R.T.: 0.025 min
Response: 498267
Conc: 43.59 ug/L



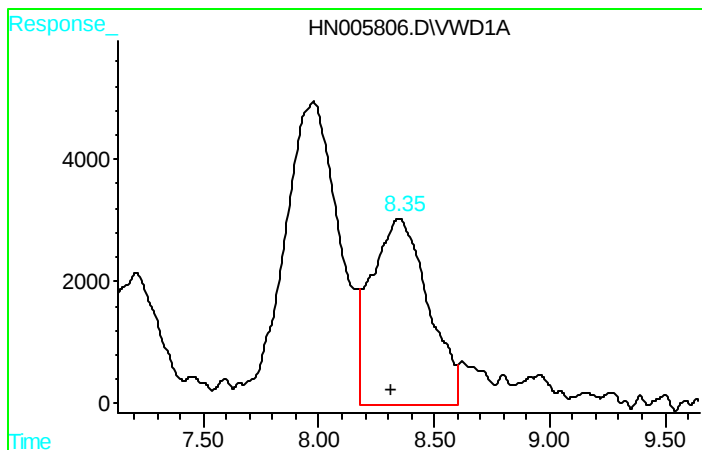
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.209 min
Delta R.T.: 0.040 min
Response: 306453
Conc: 53.02 ug/L



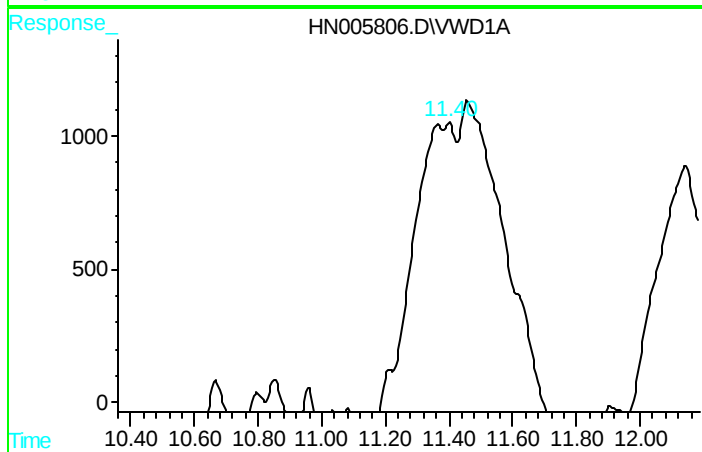
#12 2,4-Dinitrotoluene

R.T.: 7.979 min
Delta R.T.: 0.040 min
Response: 807043
Conc: 52.75 ug/L



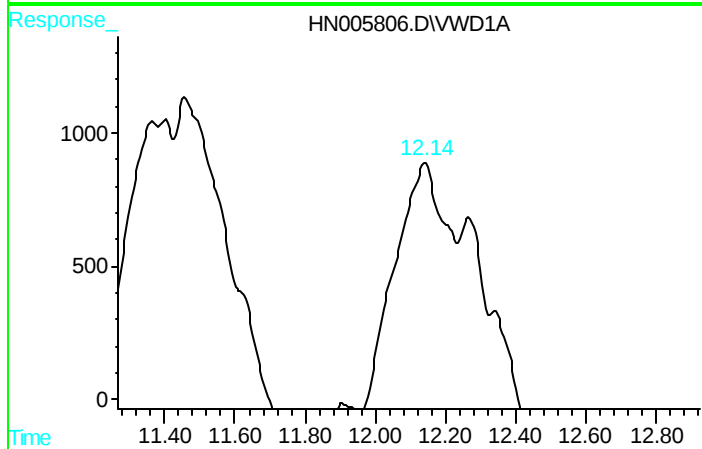
#13 2,6-Dinitrotoluene

R.T.: 8.348 min
Delta R.T.: 0.034 min
Response: 517212
Conc: 61.28 ug/L



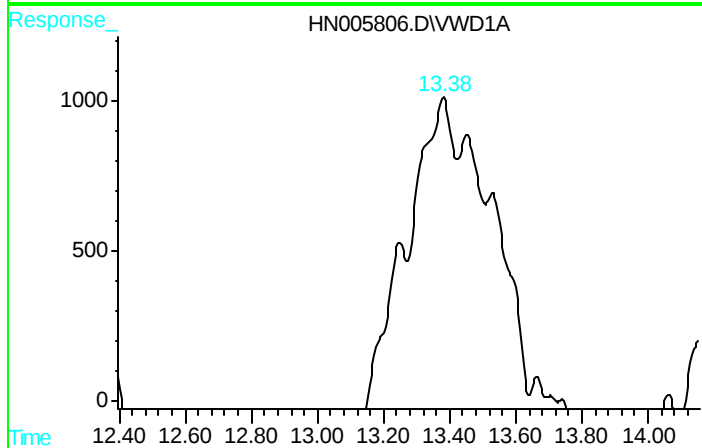
#14 2-Nitrotoluene

R.T.: 11.400 min
Delta R.T.: 0.009 min
Response: 123678
Conc: 18.69 ug/L



#15 4-Nitrotoluene

R.T.: 12.142 min
Delta R.T.: 0.008 min
Response: 140064
Conc: 26.23 ug/L



#16 3-Nitrotoluene

R.T.: 13.382 min
Delta R.T.: 0.023 min
Response: 128343
Conc: 19.23 ug/L