

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN052213\HN005251.D Vial: 1
Acq On : 22-May-2013, 15:30 Operator: QM
Sample : HSTDICC5000 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: May 24 4:52 2013 Quant Results File: HN052213.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 04:30:39 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	1.32	21937326	5161.075 ug/L
Target Compounds			
2) T HMX	0.89	21414926	5022.737 ug/L
3) T RDX	1.71	26433834	5074.083 ug/L
4) T 1,3,5-Trinitrobenzene	2.61	53439670	4872.145 ug/L
5) T 1,3-Dinitrobenzene	3.87	63765505	4092.775 ng/ml
6) T 3,5-Dinitroaniline	3.46	76745322	5862.809 ug/L
7) T Nitrobenzene	4.60	46449905	4984.632 ug/L
9) T 2,4,6-Trinitrotoluene	6.33	87896589	7589.479 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.99	60801894	5674.518 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.30	23357336	3801.779 ug/L
12) T 2,4-Dinitrotoluene	7.94	74978595	5100.660 ug/L
13) T 2,6-Dinitrotoluene	8.32	37451017	4534.284 ug/L
14) T 2-Nitrotoluene	11.33	31089822	4977.392 ug/L
15) T 4-Nitrotoluene	12.04	26152335	4932.189 ug/L
16) T 3-Nitrotoluene	13.26	32704788	4887.521 ug/L
17) T PETN	18.44	44641221	5193.159 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 #:_____

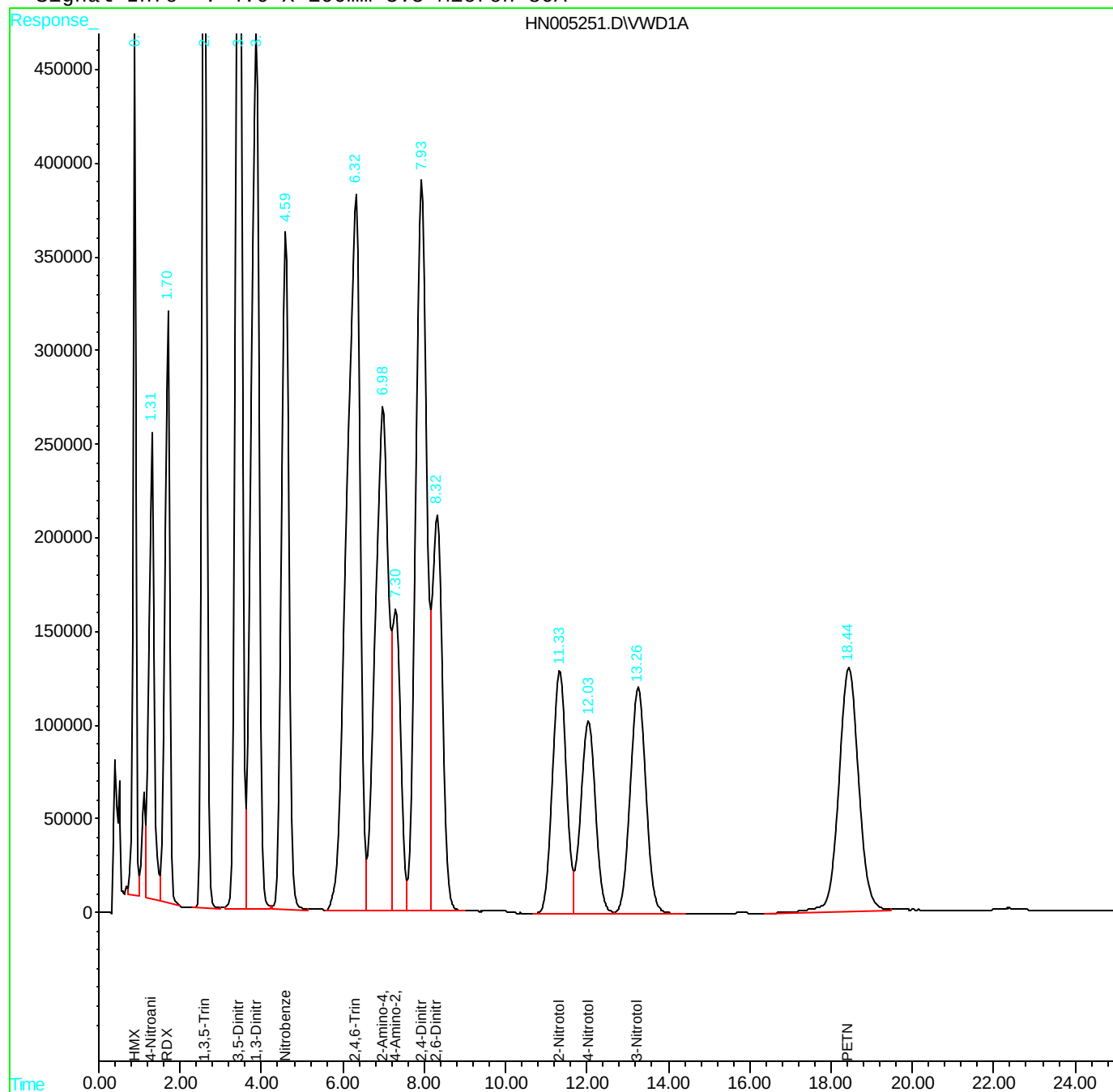
(f)=RT Delta > 1/2 Window (m)=manual int.

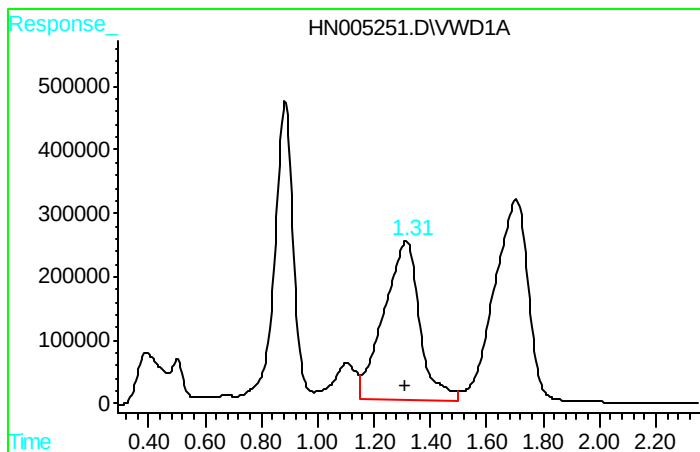
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN052213\HN005251.D Vial: 1
Acq On : 22-May-2013, 15:30 Operator: QM
Sample : HSTDICC5000 Inst : G1314A
Misc : Multiplr: 1.00
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 04:30:39 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

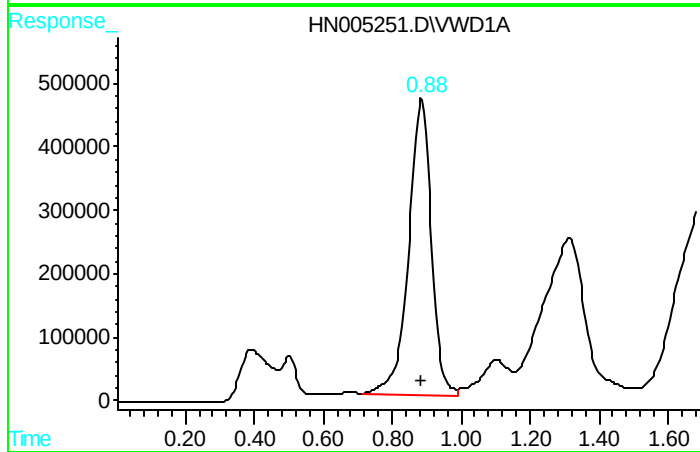
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





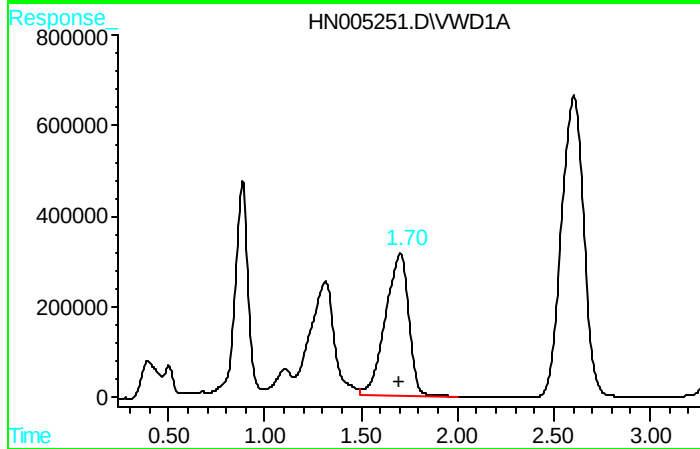
#1 4-Nitroaniline

R.T.: 1.315 min
 Delta R.T.: 0.004 min
 Response: 21937326
 Conc: 5161.08 ug/L



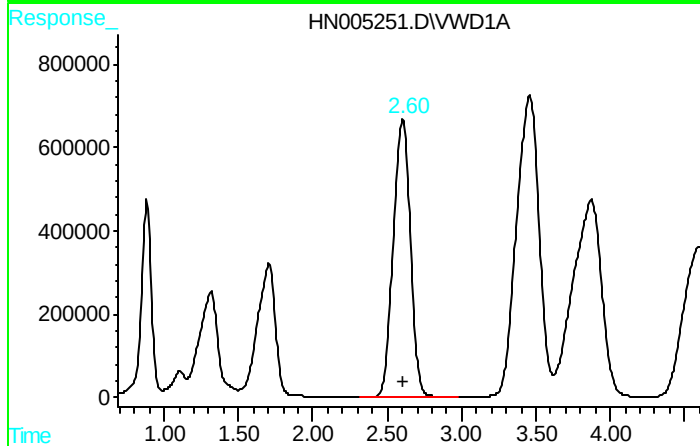
#2 HMX

R.T.: 0.886 min
 Delta R.T.: 0.000 min
 Response: 21414926
 Conc: 5022.74 ug/L



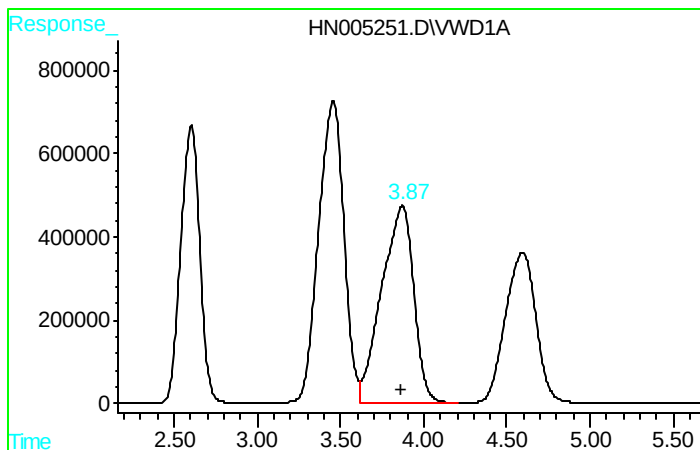
#3 RDX

R.T.: 1.705 min
 Delta R.T.: 0.005 min
 Response: 26433834
 Conc: 5074.08 ug/L



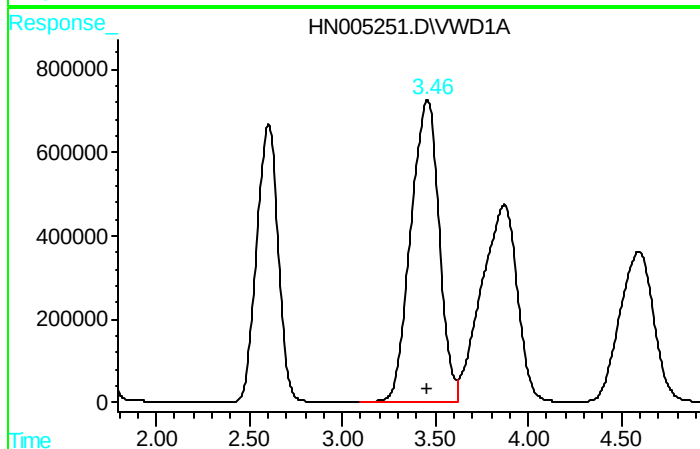
#4 1,3,5-Trinitrobenzene

R.T.: 2.606 min
 Delta R.T.: 0.004 min
 Response: 53439670
 Conc: 4872.15 ug/L



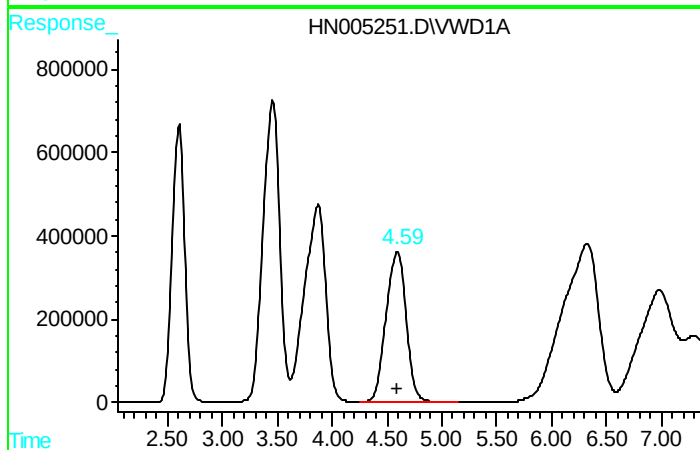
#5 1,3-Dinitrobenzene

R.T.: 3.872 min
Delta R.T.: 0.013 min
Response: 63765505
Conc: 4092.78 ng/ml



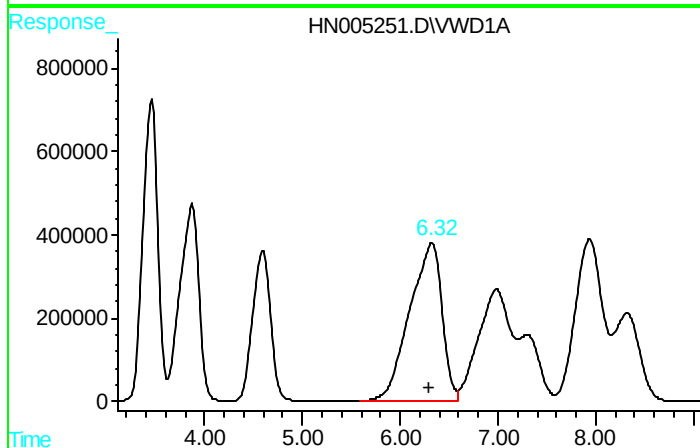
#6 3,5-Dinitroaniline

R.T.: 3.459 min
Delta R.T.: 0.007 min
Response: 76745322
Conc: 5862.81 ug/L



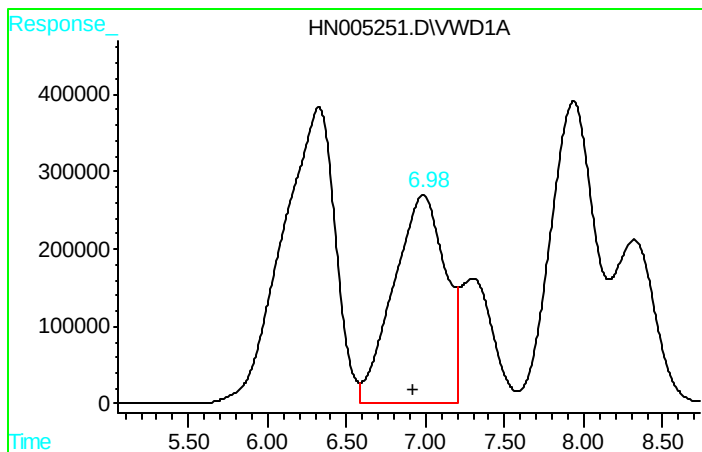
#7 Nitrobenzene

R.T.: 4.595 min
Delta R.T.: 0.007 min
Response: 46449905
Conc: 4984.63 ug/L



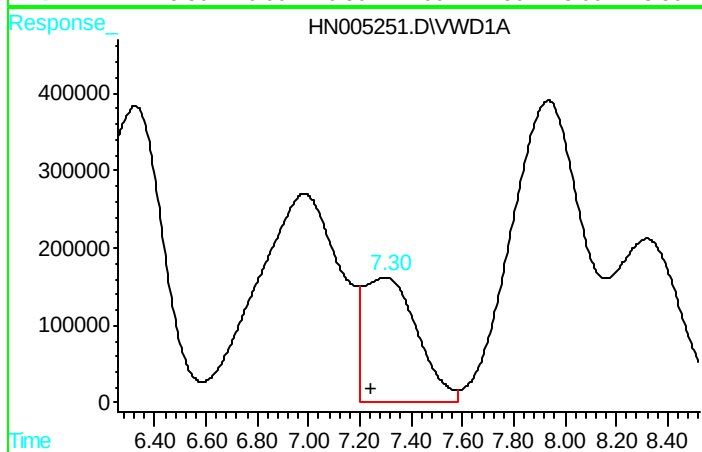
#9 2,4,6-Trinitrotoluene

R.T.: 6.325 min
Delta R.T.: 0.025 min
Response: 87896589
Conc: 7589.48 ug/L



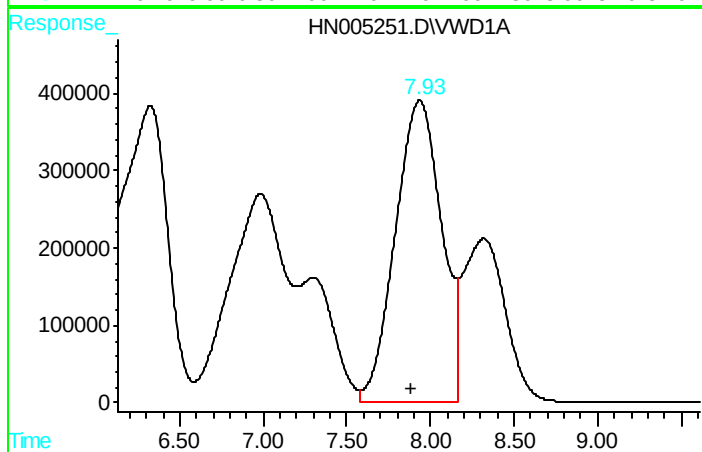
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.985 min
Delta R.T.: 0.066 min
Response: 60801894
Conc: 5674.52 ug/L



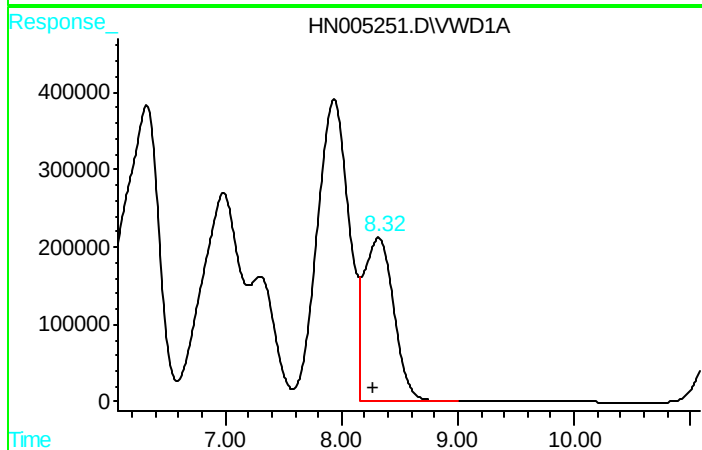
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.300 min
Delta R.T.: 0.057 min
Response: 23357336
Conc: 3801.78 ug/L



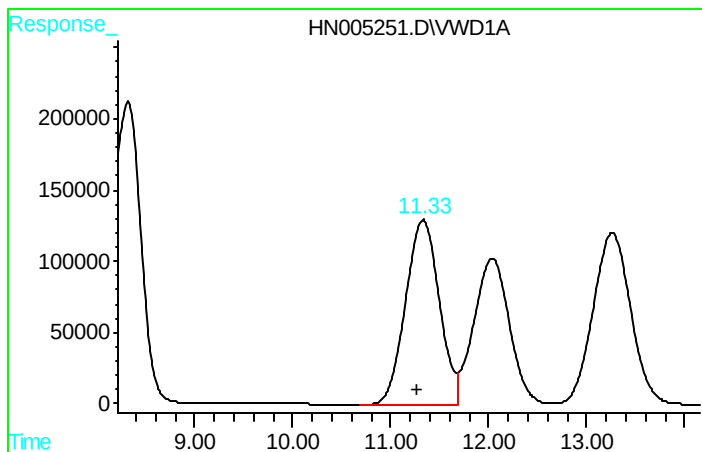
#12 2,4-Dinitrotoluene

R.T.: 7.935 min
Delta R.T.: 0.055 min
Response: 74978595
Conc: 5100.66 ug/L



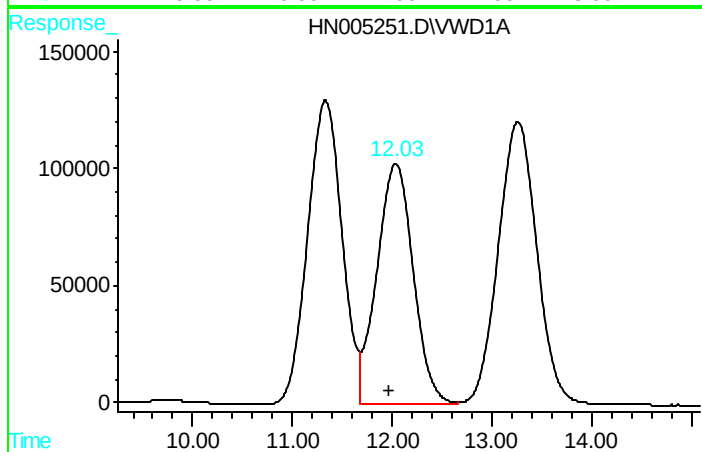
#13 2,6-Dinitrotoluene

R.T.: 8.319 min
Delta R.T.: 0.057 min
Response: 37451017
Conc: 4534.28 ug/L



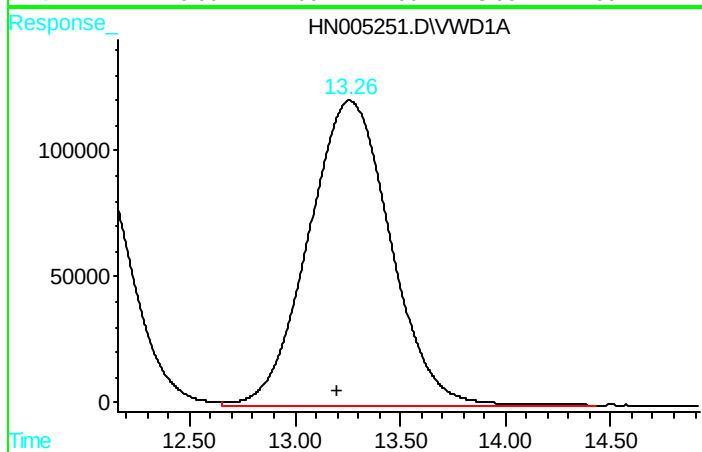
#14 2-Nitrotoluene

R.T.: 11.331 min
 Delta R.T.: 0.064 min
 Response: 31089822
 Conc: 4977.39 ug/L



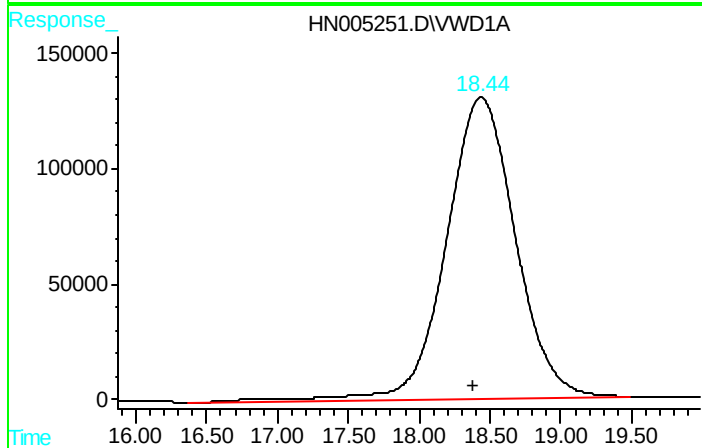
#15 4-Nitrotoluene

R.T.: 12.036 min
 Delta R.T.: 0.061 min
 Response: 26152335
 Conc: 4932.19 ug/L



#16 3-Nitrotoluene

R.T.: 13.261 min
 Delta R.T.: 0.059 min
 Response: 32704788
 Conc: 4887.52 ug/L



#17 PETN

R.T.: 18.438 min
 Delta R.T.: 0.054 min
 Response: 44641221
 Conc: 5193.16 ug/L