

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005675.D Vial: 3
 Acq On : 08-Nov-2013, 18:49 Operator: QM
 Sample : HSTDICC1000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 0:39 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

QI
 11/11/2013 3:11:40 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 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	1.30	3972404	969.427 ug/L
Target Compounds			
2) T HMX	0.87	4203048	959.698 ug/L
3) T RDX	1.64	5601044	1056.412 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	10757355	1002.618 ug/L
5) T 3,5-Dinitroaniline	3.46	16558386	1069.643 ng/ml
6) T 1,3-Dinitrobenzene	3.79	12962301	1024.263 ug/L
7) T Nitrobenzene	4.63	10251013	1051.757 ug/L
8) T Tetryl	6.02	7570158	1523.039 ug/L
9) T 2,4,6-Trinitrotoluene	6.37	11383047	957.012 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.77	11042146	1050.403 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.10	6704329	1121.662 ug/L
12) T 2,4-Dinitrotoluene	7.91	15327670	1057.126 ug/L m
13) T 2,6-Dinitrotoluene	8.28	8084091	1025.903 ug/L m
14) T 2-Nitrotoluene	11.37	6717754	1060.410 ug/L
15) T 4-Nitrotoluene	12.10	5432017	981.711 ug/L
16) T 3-Nitrotoluene	13.31	6768953	965.576 ug/L
17) T PETN	18.34	8608486	1005.349 ug/L m

 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\HN110813\HN005675.D Vial: 3
Acq On : 08-Nov-2013, 18:49 Operator: QM
Sample : HSTDICC1000 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Nov 11 0:39 2013 Quant Results File: HN110813.RES

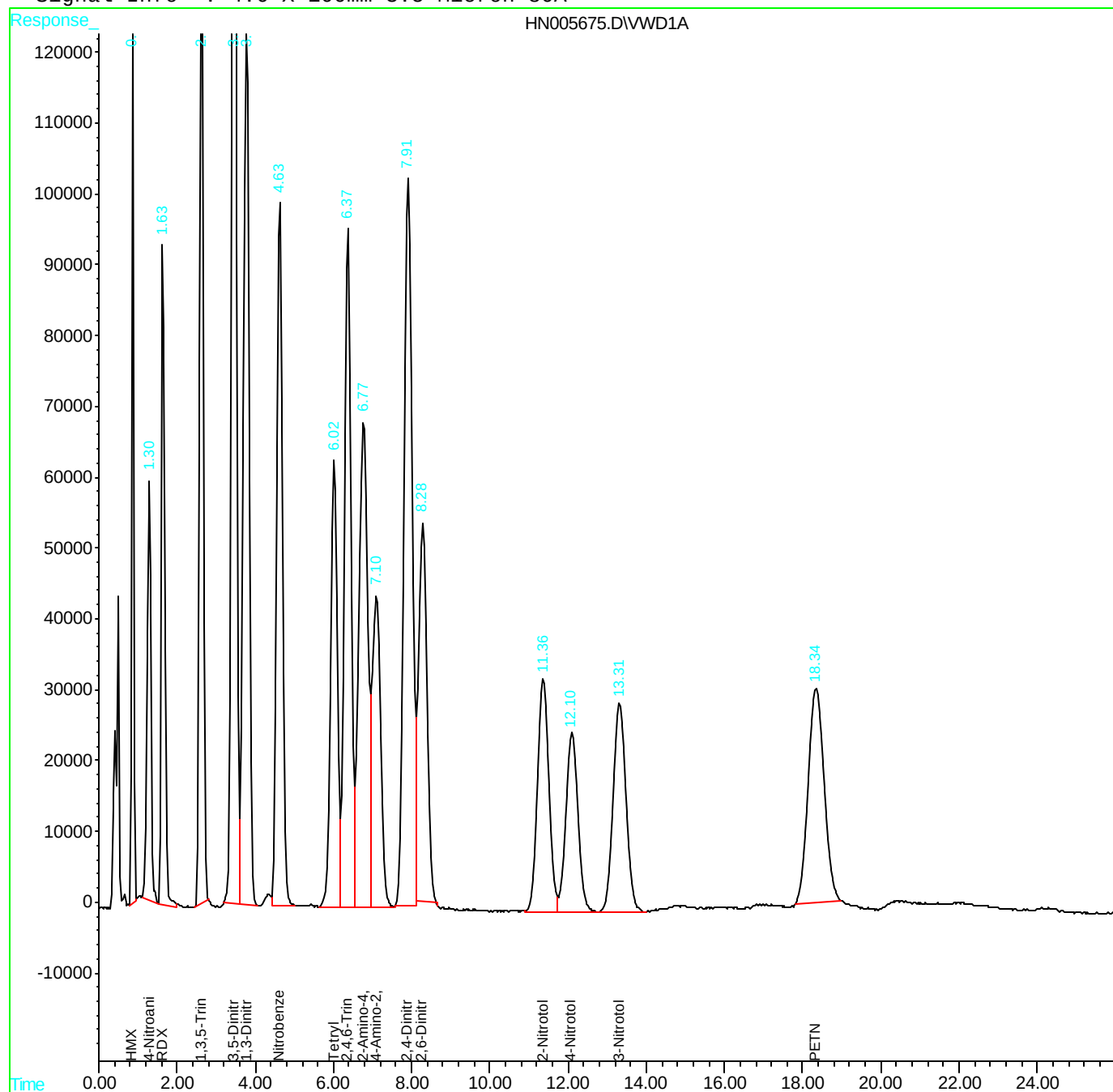
Instrument :
HPLC_N
LabSampleId :
HSTDICC1000

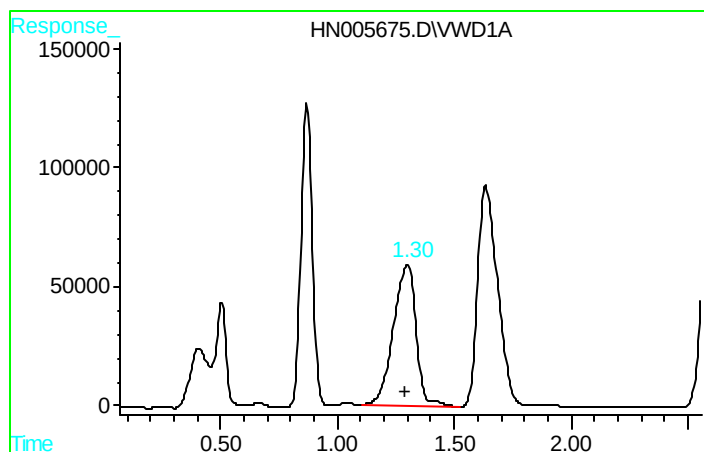
Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
Title :
Last Update : Mon Jul 22 14:51:19 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





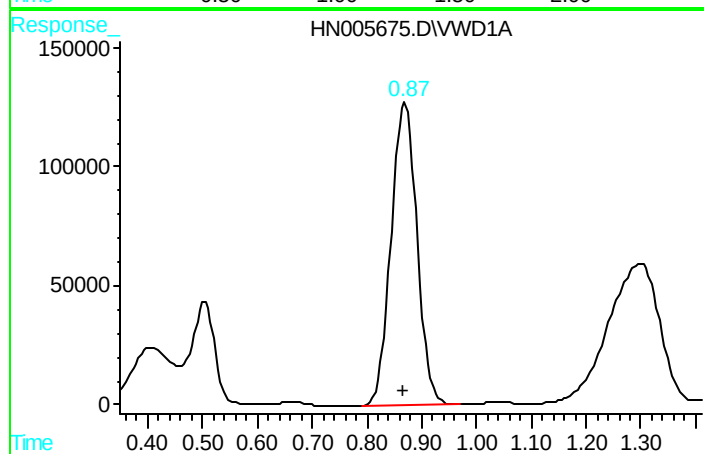
#1 4-Nitroaniline

R.T.: 1.299 min
Delta R.T.: 0.007 min
Response: 3972404
Conc: 969.43 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC1000

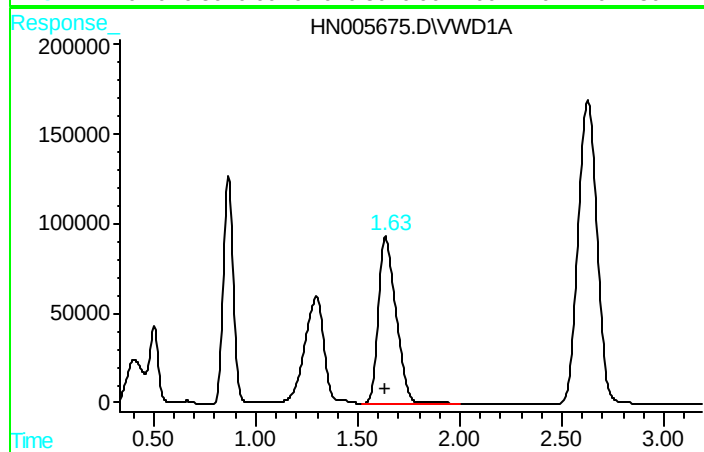
Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM



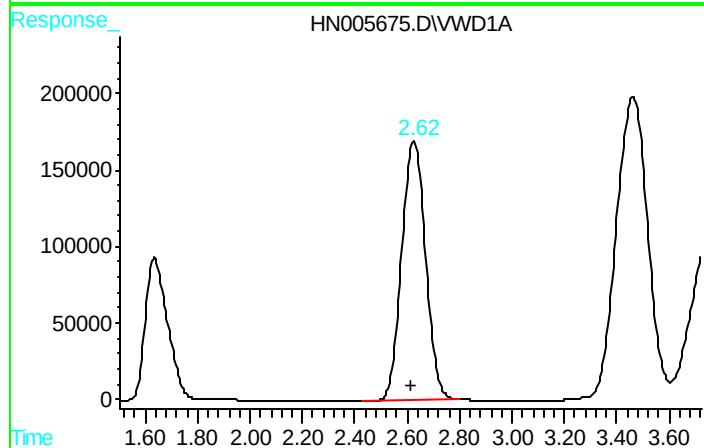
#2 HMX

R.T.: 0.869 min
Delta R.T.: 0.004 min
Response: 4203048
Conc: 959.70 ug/L



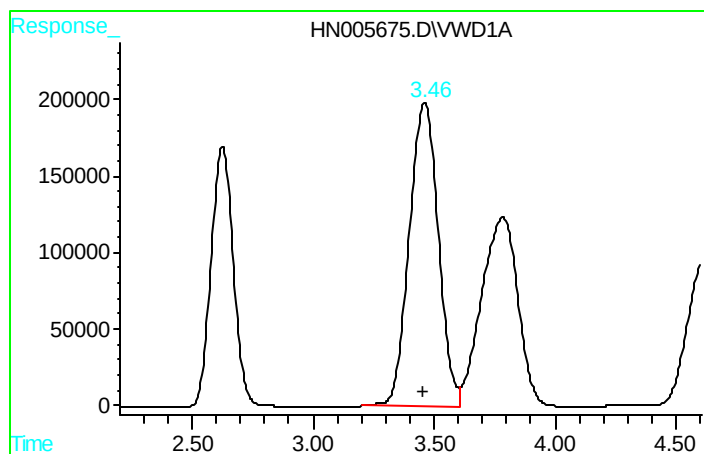
#3 RDX

R.T.: 1.636 min
Delta R.T.: 0.005 min
Response: 5601044
Conc: 1056.41 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.627 min
Delta R.T.: 0.010 min
Response: 10757355
Conc: 1002.62 ug/L



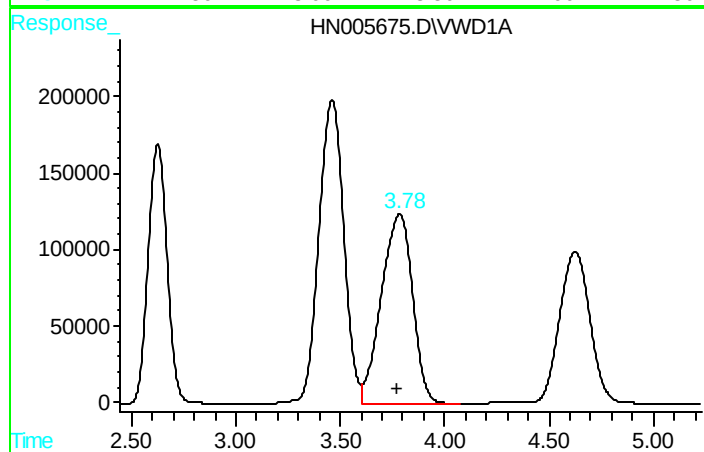
#5 3,5-Dinitroaniline

R.T.: 3.463 min
Delta R.T.: 0.011 min
Response: 16558386
Conc: 1069.64 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDICC1000

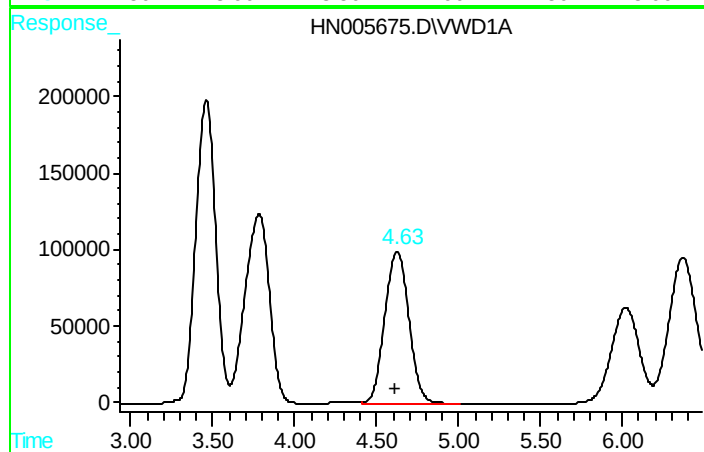
Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM



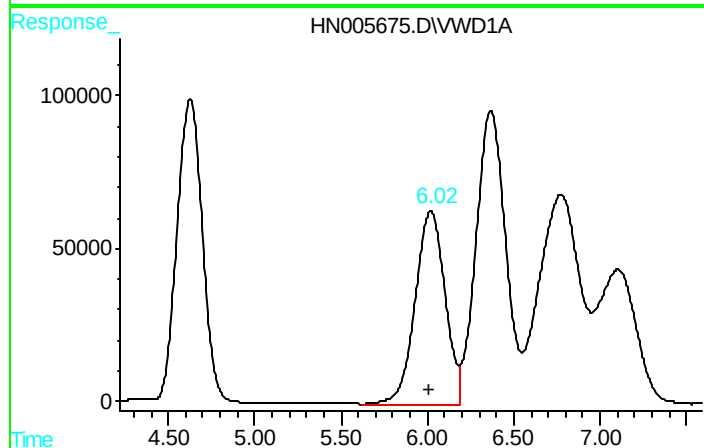
#6 1,3-Dinitrobenzene

R.T.: 3.785 min
Delta R.T.: 0.012 min
Response: 12962301
Conc: 1024.26 ug/L



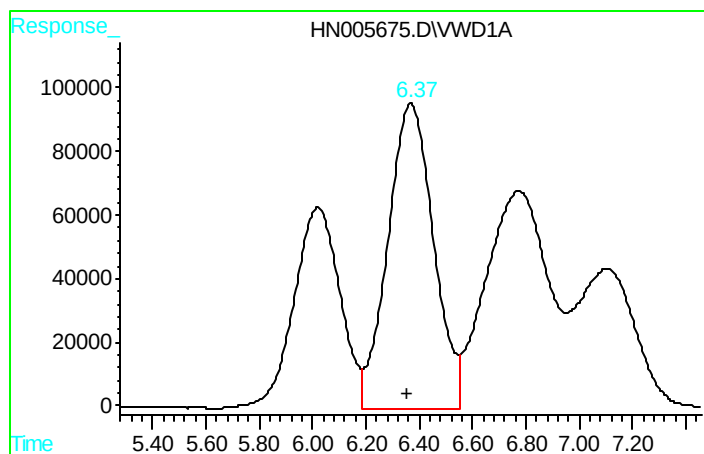
#7 Nitrobenzene

R.T.: 4.627 min
Delta R.T.: 0.014 min
Response: 10251013
Conc: 1051.76 ug/L



#8 Tetryl

R.T.: 6.020 min
Delta R.T.: 0.011 min
Response: 7570158
Conc: 1523.04 ug/L



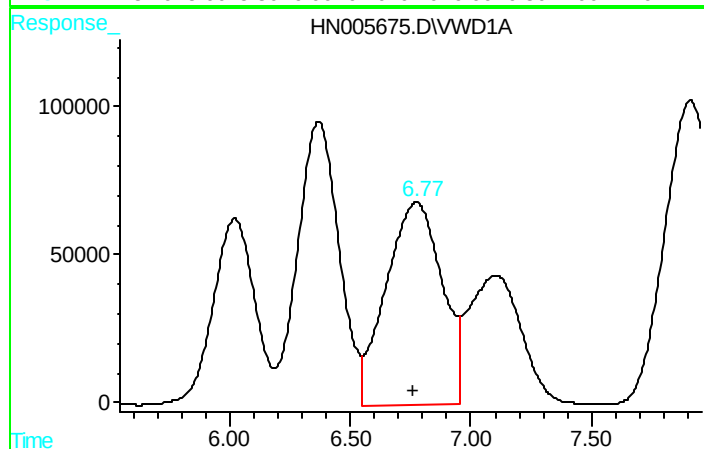
#9 2,4,6-Trinitrotoluene

R.T.: 6.368 min
Delta R.T.: 0.015 min
Response: 11383047
Conc: 957.01 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC1000

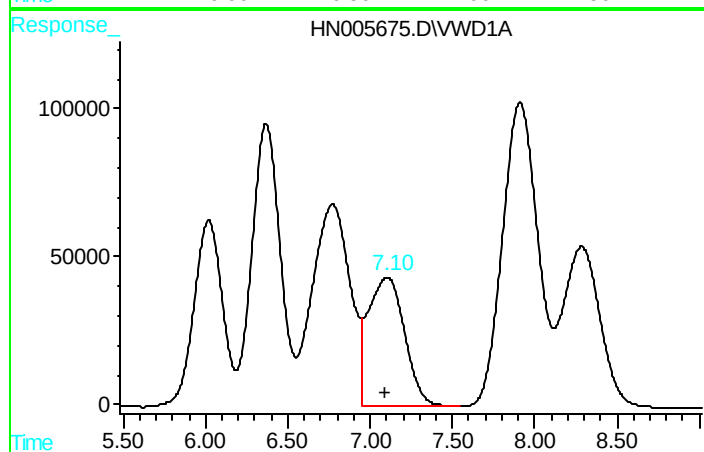
Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM



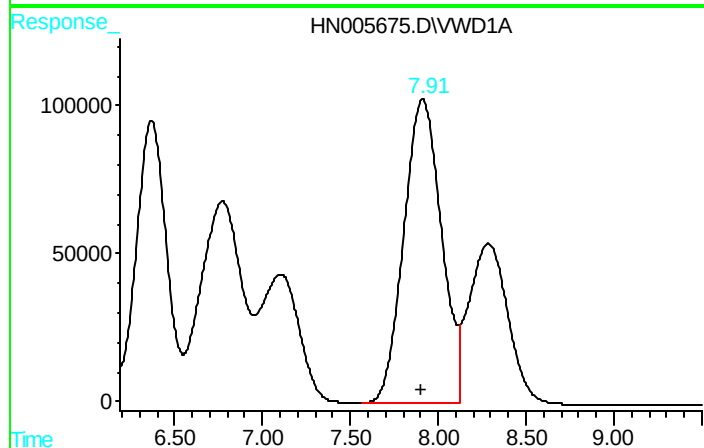
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.774 min
Delta R.T.: 0.015 min
Response: 11042146
Conc: 1050.40 ug/L



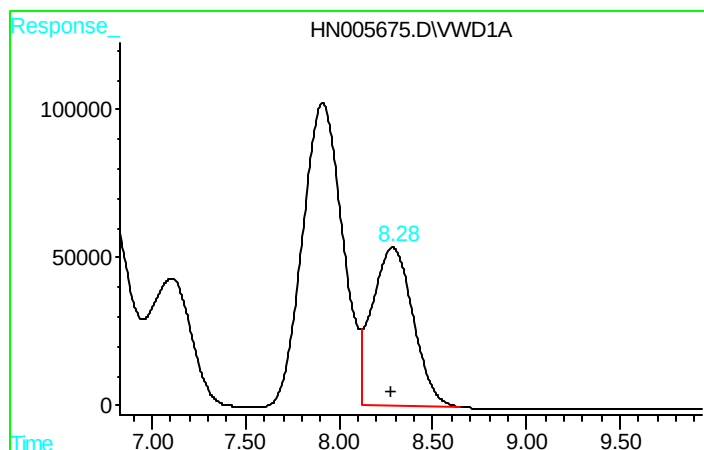
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.104 min
Delta R.T.: 0.015 min
Response: 6704329
Conc: 1121.66 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.910 min
Delta R.T.: 0.013 min
Response: 15327670
Conc: 1057.13 ug/L m



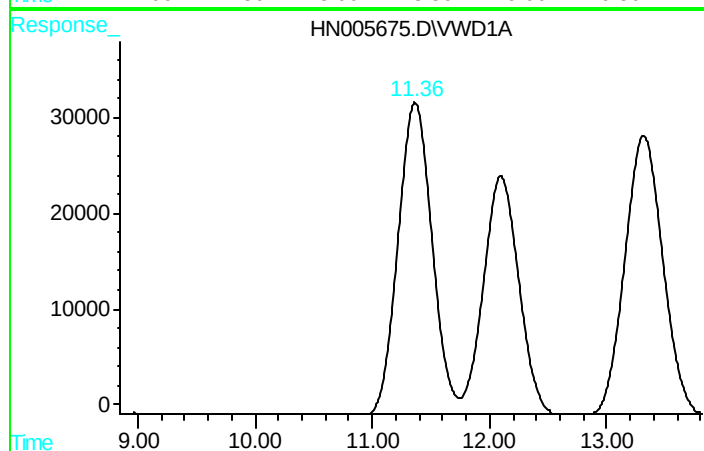
#13 2,6-Dinitrotoluene

R.T.: 8.284 min
Delta R.T.: 0.012 min
Response: 8084091
Conc: 1025.90 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC1000

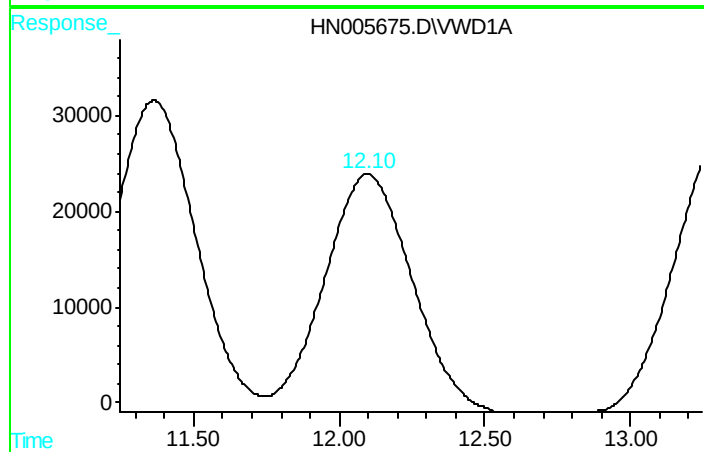
Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM



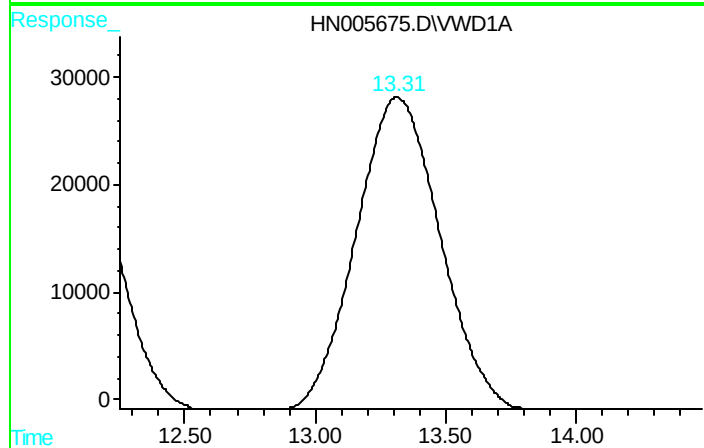
#14 2-Nitrotoluene

R.T.: 11.366 min
Delta R.T.: 0.001 min
Response: 6717754
Conc: 1060.41 ug/L



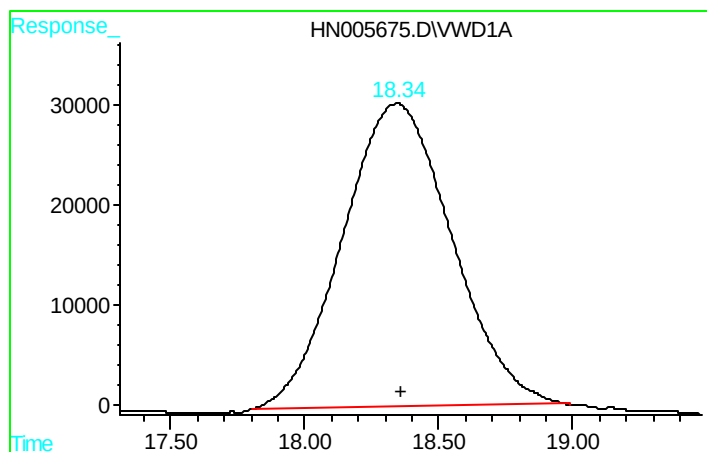
#15 4-Nitrotoluene

R.T.: 12.098 min
Delta R.T.: -0.012 min
Response: 5432017
Conc: 981.71 ug/L



#16 3-Nitrotoluene

R.T.: 13.315 min
Delta R.T.: -0.004 min
Response: 6768953
Conc: 965.58 ug/L



#17 PETN

R.T.: 18.344 min
Delta R.T.: -0.014 min
Response: 8608486
Conc: 1005.35 ug/L

Instrument :

HPLC_N

LabSampleId :

HSTDICC1000

Manual Integrations
APPROVED

QI
11/11/2013 3:11:40 PM