

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN053013\HN005342.D Vial: 1
 Acq On : 30-May-2013, 17:04 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 30 17:28 2013 Quant Results File: HN052213.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:29:24 PM

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	1.41	2249473	529.257 ug/L
Target Compounds			
2) T HMX	0.94	2194451	515.815 ug/L
3) T RDX	1.83	2526566	491.217 ug/L
4) T 1,3,5-Trinitrobenzene	2.80	5171402	471.587 ug/L m
5) T 1,3-Dinitrobenzene	3.73	7751188	595.191 ng/mlm
6) T 3,5-Dinitroaniline	4.17	6577615	422.519 ug/L m
7) T Nitrobenzene	4.99	4552297	489.084 ug/L m
8) T Tetryl	6.73	2851665	474.785 ug/L m
9) T 2,4,6-Trinitrotoluene	6.87	5634020	481.947 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.54	4895064	458.456 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.91	2974818	487.153 ug/L m
12) T 2,4-Dinitrotoluene	8.59	6814273	468.464 ug/L m
13) T 2,6-Dinitrotoluene	9.01	3997742	484.567 ug/L m
14) T 2-Nitrotoluene	12.28	3088482	495.201 ug/L m
15) T 4-Nitrotoluene	13.04	2504858	477.532 ug/L m
16) T 3-Nitrotoluene	14.37	3339627	502.824 ug/L m
17) T PETN	20.12	3767342	438.592 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\HN053013\HN005342.D Vial: 1
 Acq On : 30-May-2013, 17:04 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 30 17:28 2013 Quant Results File: HN052213.RES

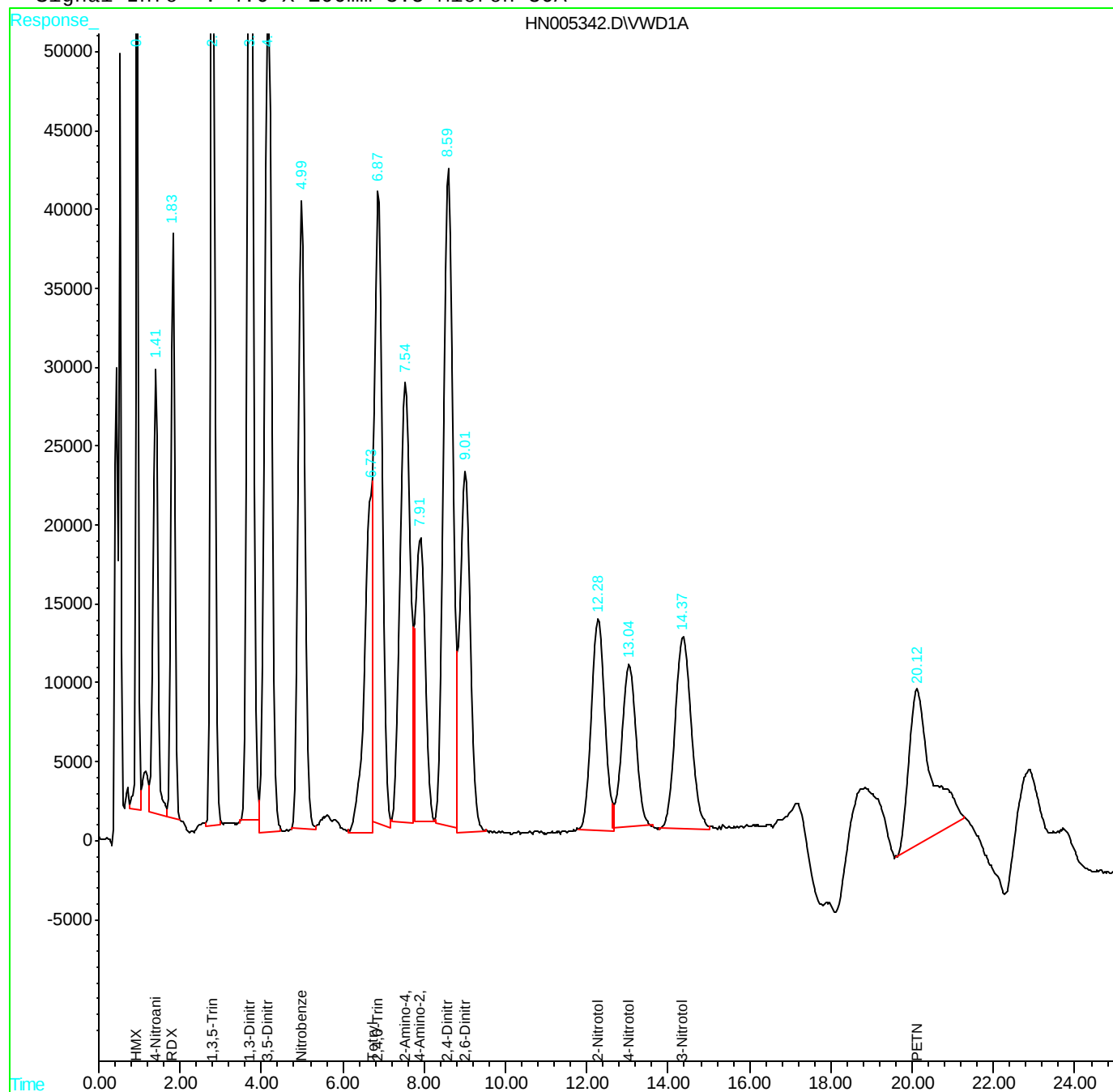
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

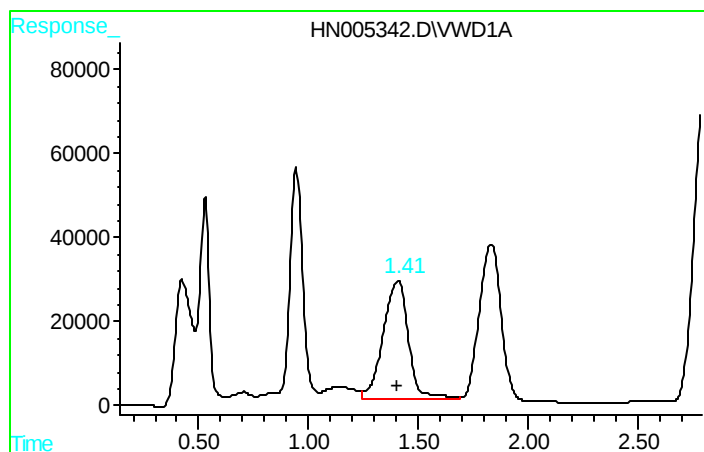
Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:29:24 PM

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





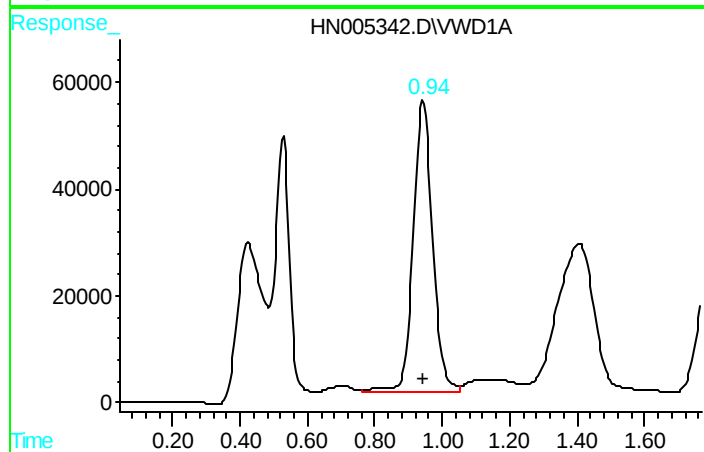
#1 4-Nitroaniline

R.T.: 1.407 min
Delta R.T.: 0.009 min
Response: 2249473
Conc: 529.26 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

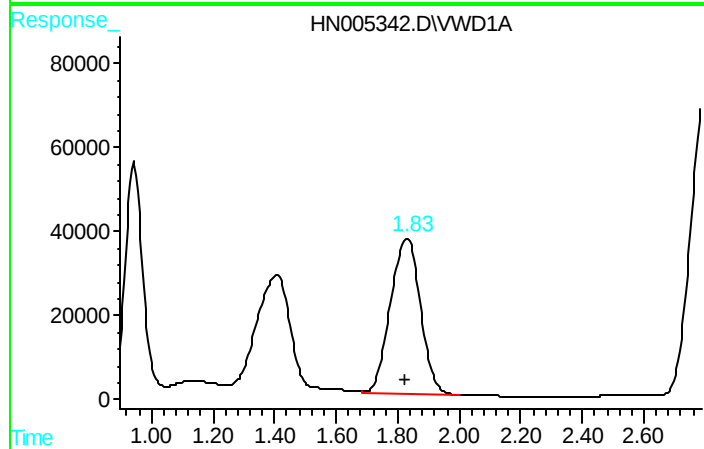
Manual Integrations
APPROVED

mohammad
5/31/2013 5:29:24 PM



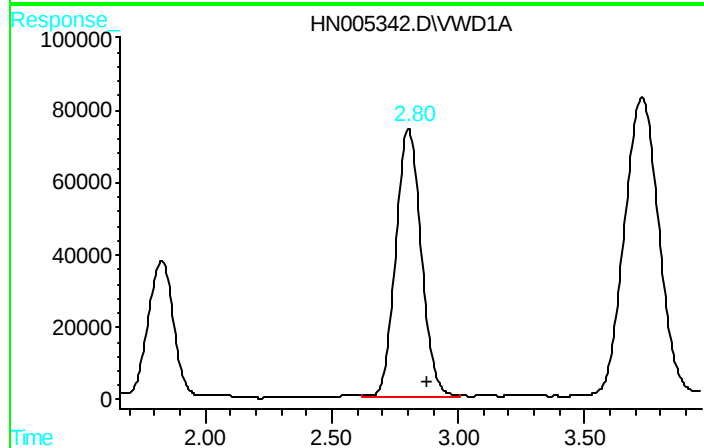
#2 HMX

R.T.: 0.944 min
Delta R.T.: -0.001 min
Response: 2194451
Conc: 515.81 ug/L



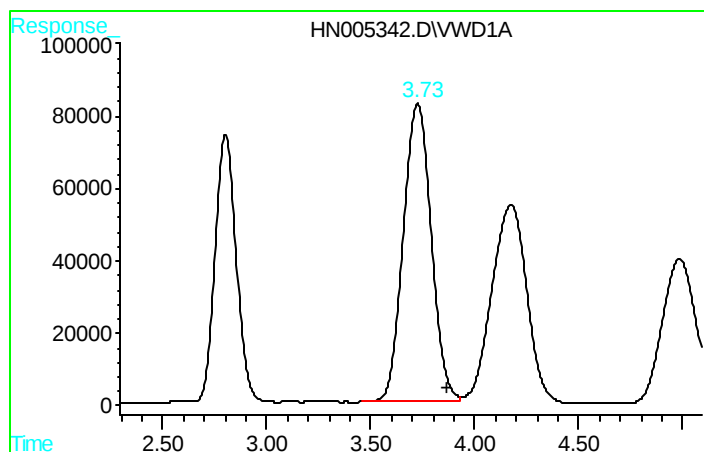
#3 RDX

R.T.: 1.831 min
Delta R.T.: 0.006 min
Response: 2526566
Conc: 491.22 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.803 min
Delta R.T.: -0.075 min
Response: 5171402
Conc: 471.59 ug/L m



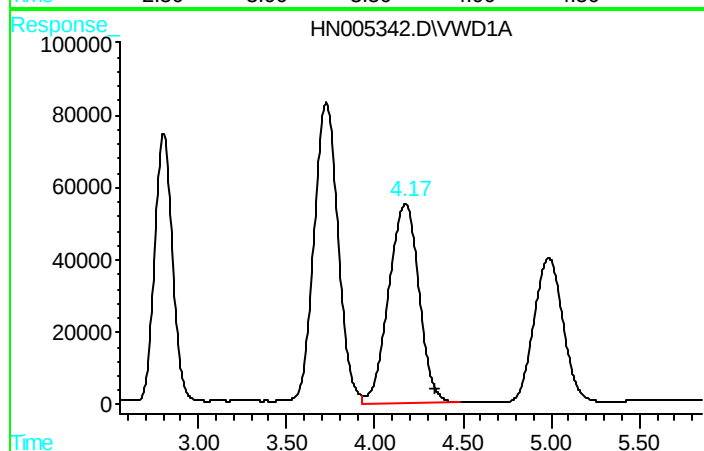
#5 1,3-Dinitrobenzene

R.T.: 3.725 min
Delta R.T.: -0.141 min
Response: 7751188
Conc: 595.19 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

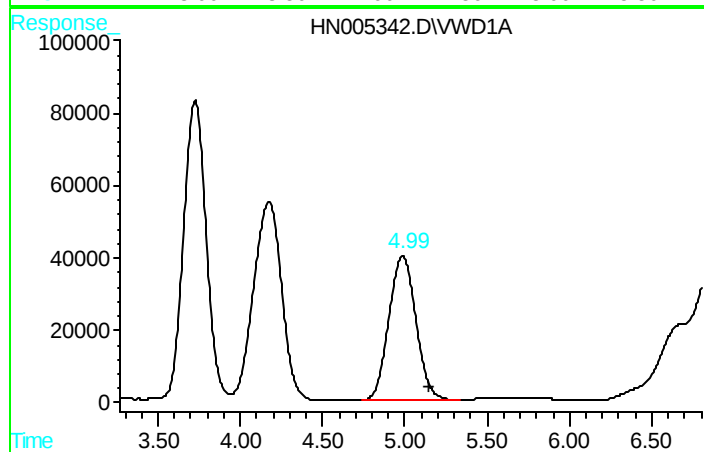
Manual Integrations
APPROVED

mohammad
5/31/2013 5:29:24 PM



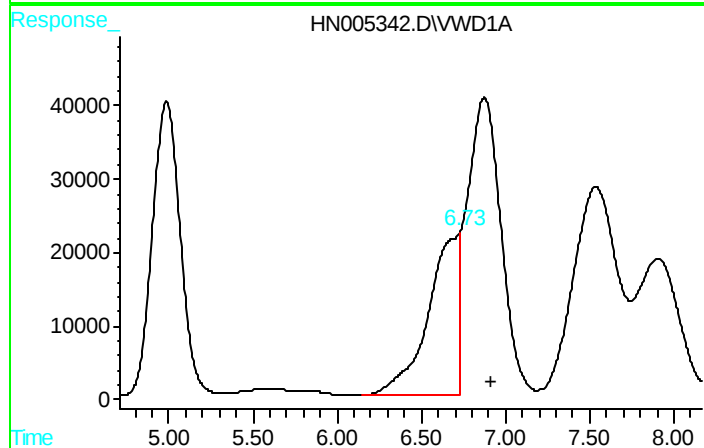
#6 3,5-Dinitroaniline

R.T.: 4.173 min
Delta R.T.: -0.167 min
Response: 6577615
Conc: 422.52 ug/L m



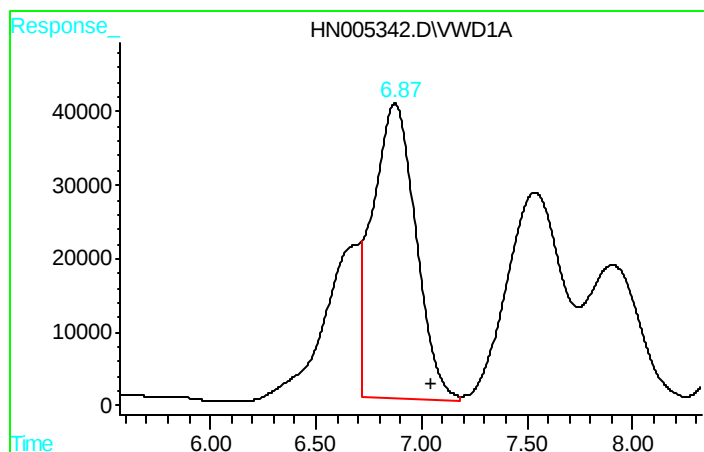
#7 Nitrobenzene

R.T.: 4.985 min
Delta R.T.: -0.159 min
Response: 4552297
Conc: 489.08 ug/L m



#8 Tetryl

R.T.: 6.727 min
Delta R.T.: -0.184 min
Response: 2851665
Conc: 474.78 ug/L m



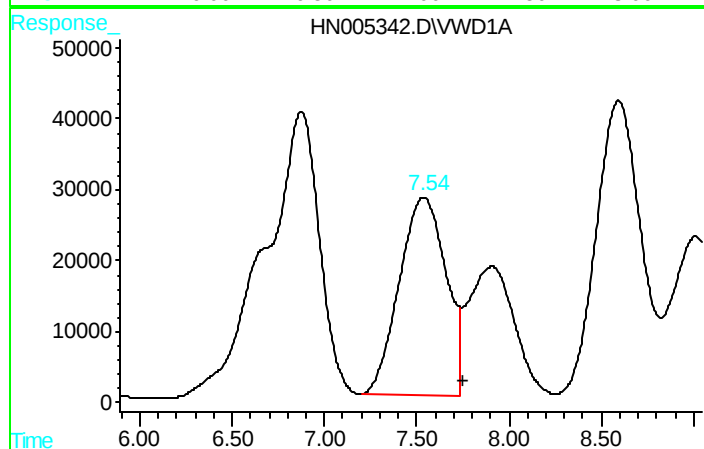
#9 2,4,6-Trinitrotoluene

R.T.: 6.874 min
Delta R.T.: -0.175 min
Response: 5634020
Conc: 481.95 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

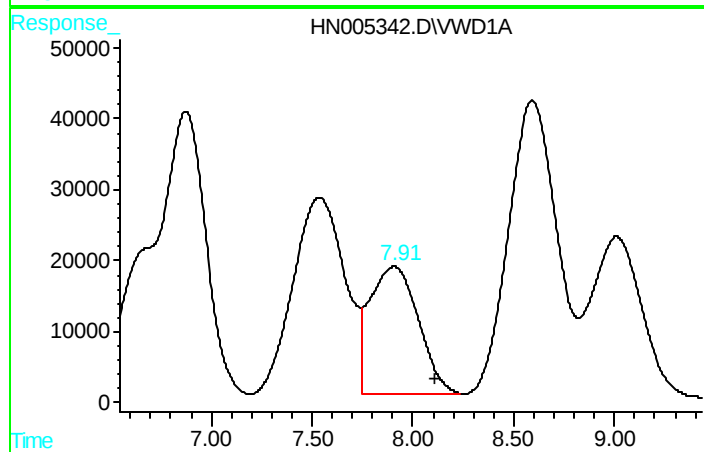
Manual Integrations
APPROVED

mohammad
5/31/2013 5:29:24 PM



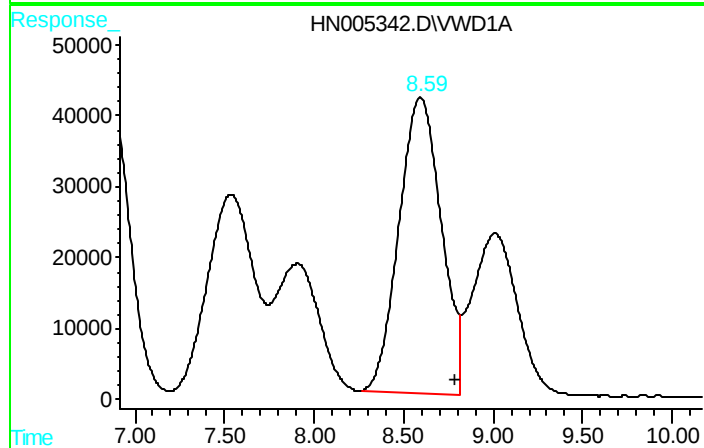
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.536 min
Delta R.T.: -0.215 min
Response: 4895064
Conc: 458.46 ug/L m



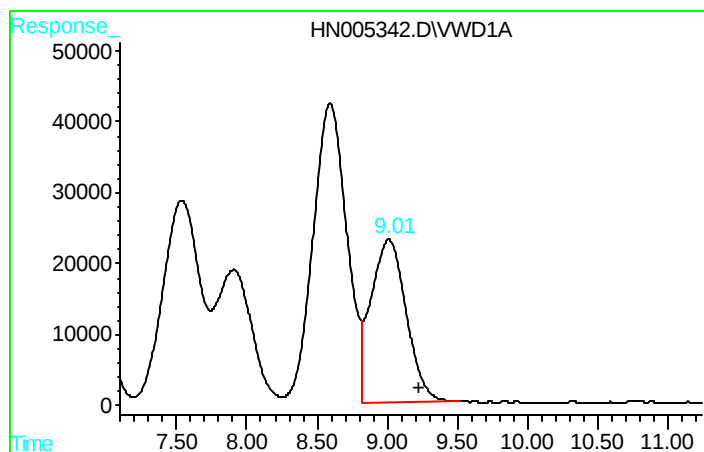
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.908 min
Delta R.T.: -0.202 min
Response: 2974818
Conc: 487.15 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.592 min
Delta R.T.: -0.200 min
Response: 6814273
Conc: 468.46 ug/L m



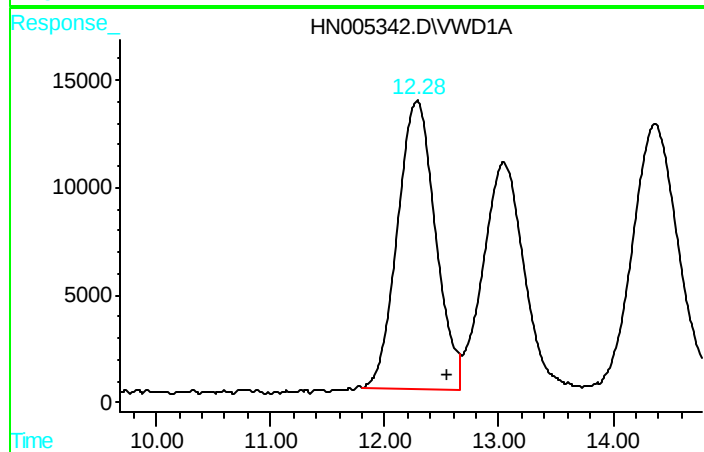
#13 2,6-Dinitrotoluene

R.T.: 9.008 min
Delta R.T.: -0.214 min
Response: 3997742
Conc: 484.57 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

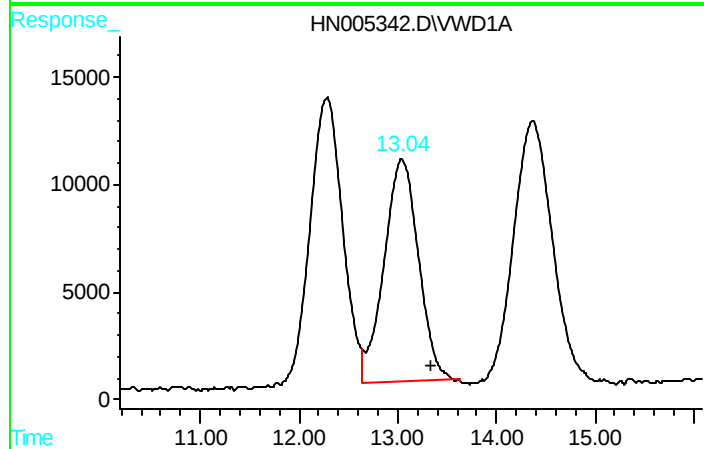
Manual Integrations
APPROVED

mohammad
5/31/2013 5:29:24 PM



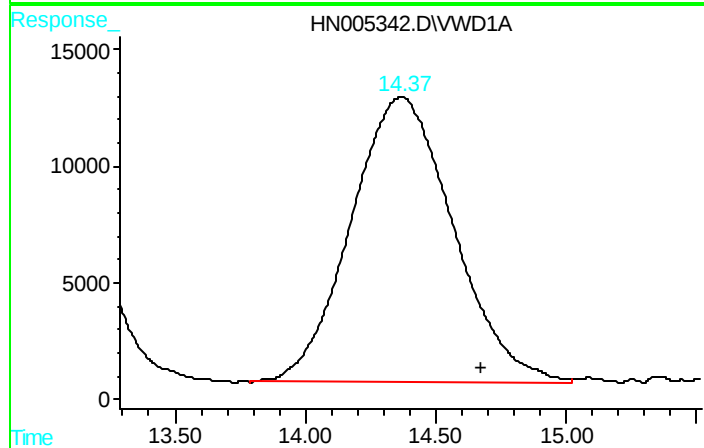
#14 2-Nitrotoluene

R.T.: 12.283 min
Delta R.T.: -0.255 min
Response: 3088482
Conc: 495.20 ug/L m



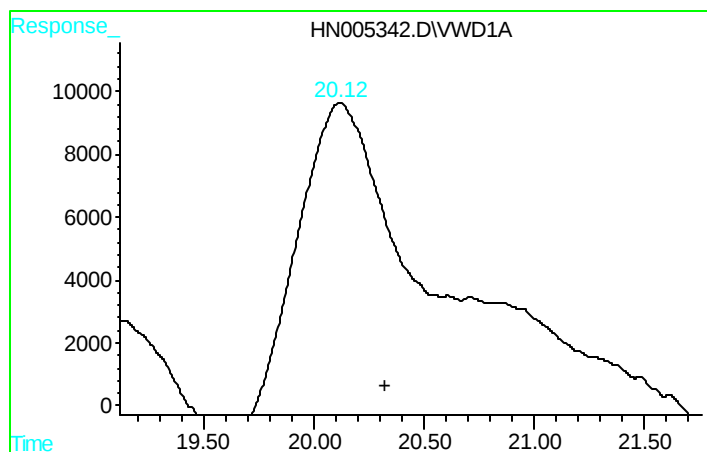
#15 4-Nitrotoluene

R.T.: 13.038 min
Delta R.T.: -0.297 min
Response: 2504858
Conc: 477.53 ug/L m



#16 3-Nitrotoluene

R.T.: 14.370 min
Delta R.T.: -0.305 min
Response: 3339627
Conc: 502.82 ug/L m



#17 PETN

R.T.: 20.118 min
Delta R.T.: -0.203 min
Response: 3767342
Conc: 438.59 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

mohammad
5/31/2013 5:29:24 PM