

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006316.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006316.D\VWD1A.CH
 Acq On : 15-Oct-2014, 18:55 Operator: HNP
 Sample : PB79609BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:10 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79609BS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:01 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	1321022	332.372 ug/L
Target Compounds			
2) T HMX	0.87	1066201	220.453 ug/L
3) T RDX	1.69	1368832	249.671 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	2507603	233.821 ug/L
5) T 1,3-Dinitrobenzene	3.54	4154892	253.745 ng/ml
6) T 3,5-Dinitroaniline	3.90	3057248	262.361 ug/L
7) T Nitrobenzene	4.80	2509370	250.412 ug/L
8) T Tetryl	6.30	1786193	280.135 ug/L m
9) T 2,4,6-Trinitrotoluene	6.58	2540026	236.567 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	2604795	224.951 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.44	1719892	281.804 ug/L m
12) T 2,4-Dinitrotoluene	8.25	3935556	255.598 ug/L m
13) T 2,6-Dinitrotoluene	8.66	2189867	258.370 ug/L m
14) T 2-Nitrotoluene	12.00	1588861	237.239 ug/L m
15) T 4-Nitrotoluene	12.78	1301950	237.841 ug/L m
16) T 3-Nitrotoluene	14.07	1722841	247.473 ug/L m
17) T PETN	19.22	2229116	270.841 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.

HN006316.D HN100214.M

Fri Oct 17 18:59:11 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006316.D\VWD1A.CH Vial:
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006316.D\VWD1A.CH
Acq On : 15-Oct-2014, 18:55 Operator: HNP
Sample : PB79609BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 16 11:10 2014 Quant Results File: HN100214.RES

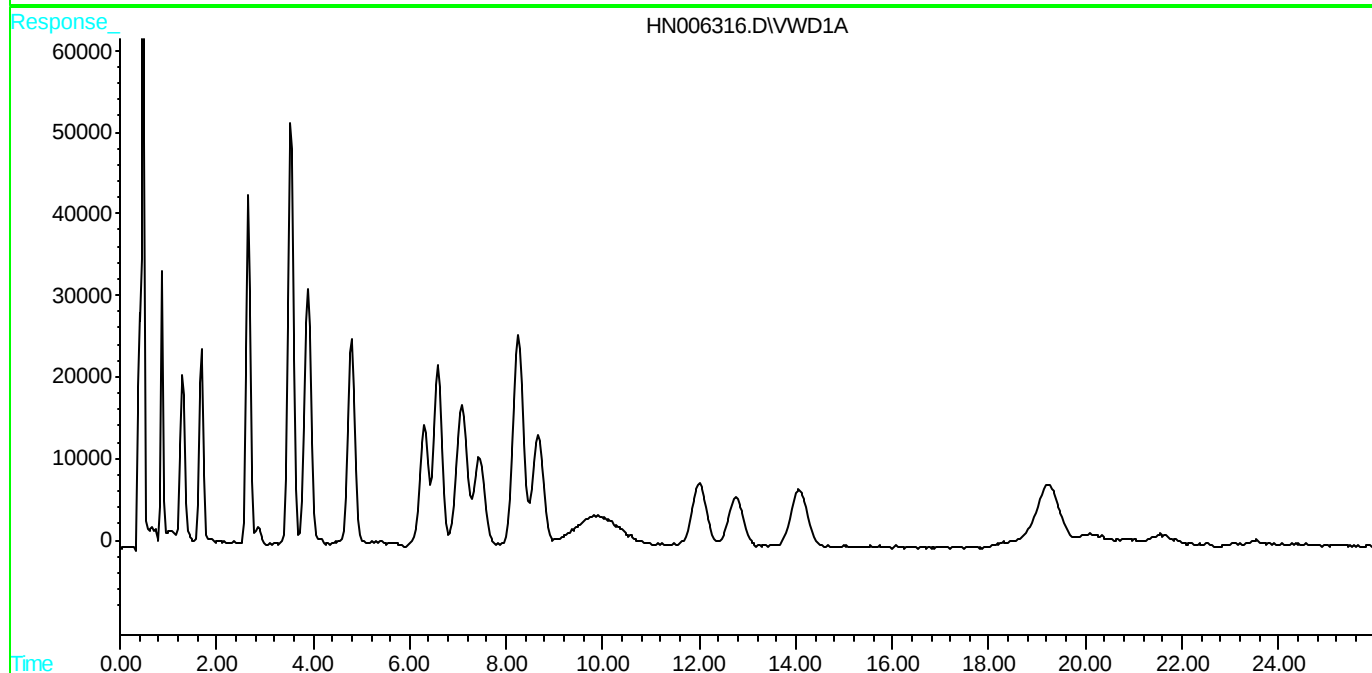
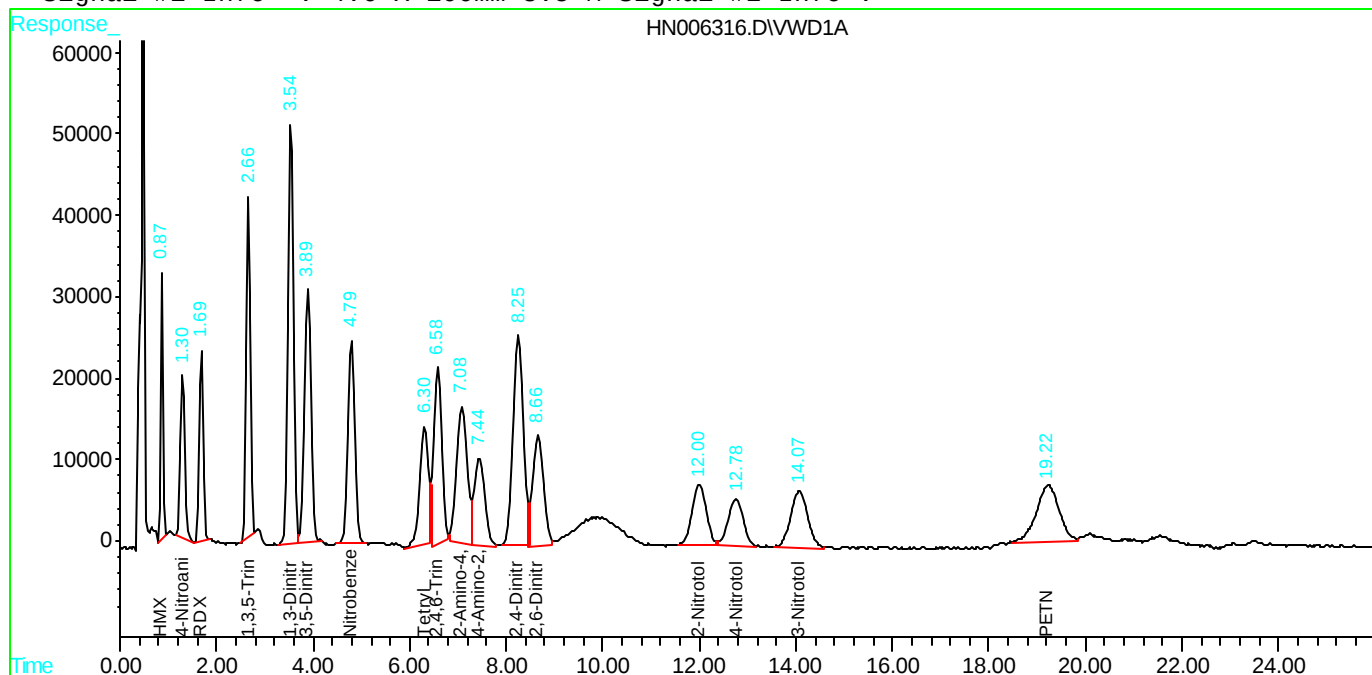
Instrument :
HPLC_N
ClientSampled :
PB79609BS

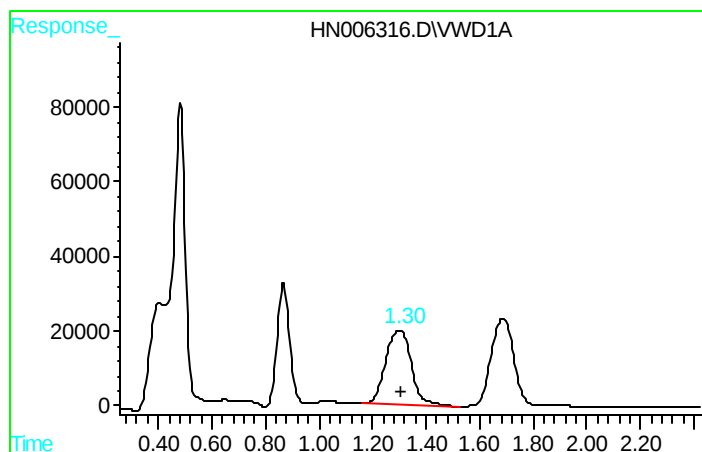
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Fri Oct 03 10:34:01 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





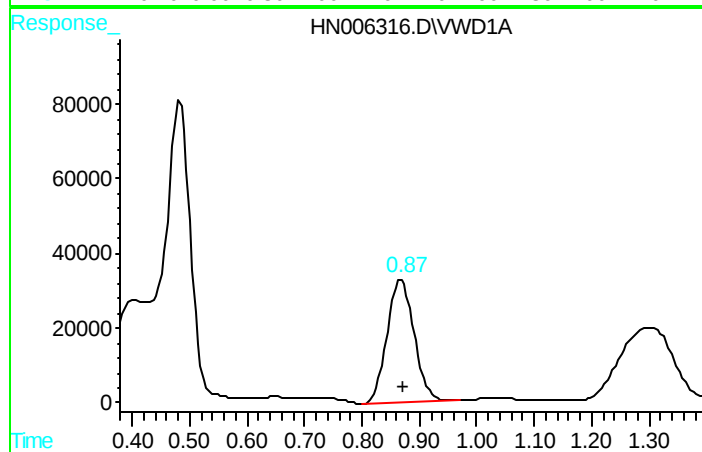
#1 4-Nitroaniline

R.T.: 1.302 min
Delta R.T.: -0.006 min
Response: 1321022
Conc: 332.37 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB79609BS

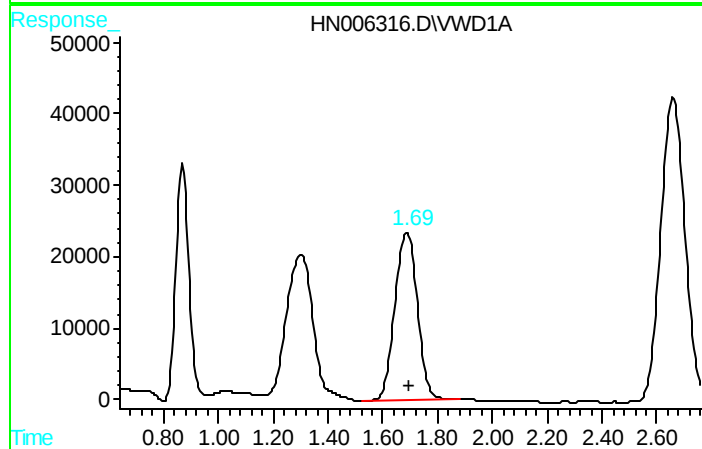
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM



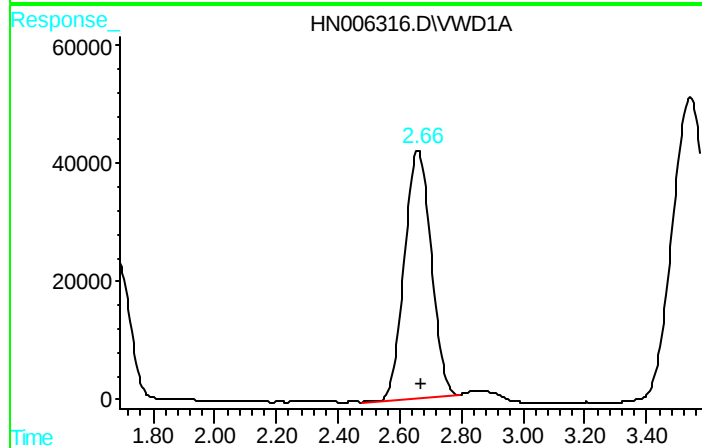
#2 HMX

R.T.: 0.869 min
Delta R.T.: -0.002 min
Response: 1066201
Conc: 220.45 ug/L



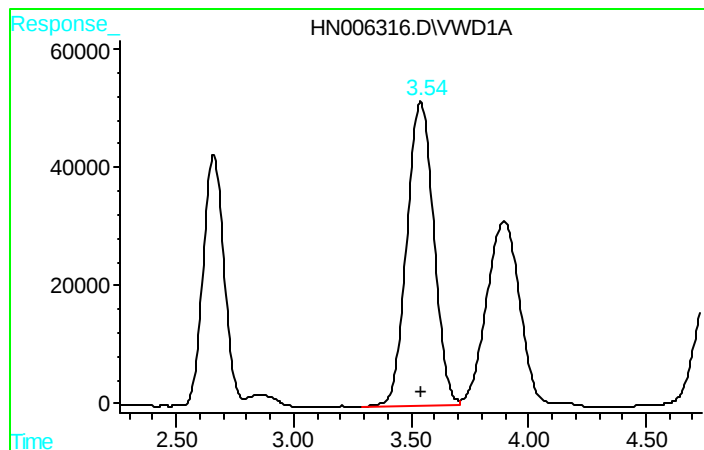
#3 RDX

R.T.: 1.688 min
Delta R.T.: -0.007 min
Response: 1368832
Conc: 249.67 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 2507603
Conc: 233.82 ug/L



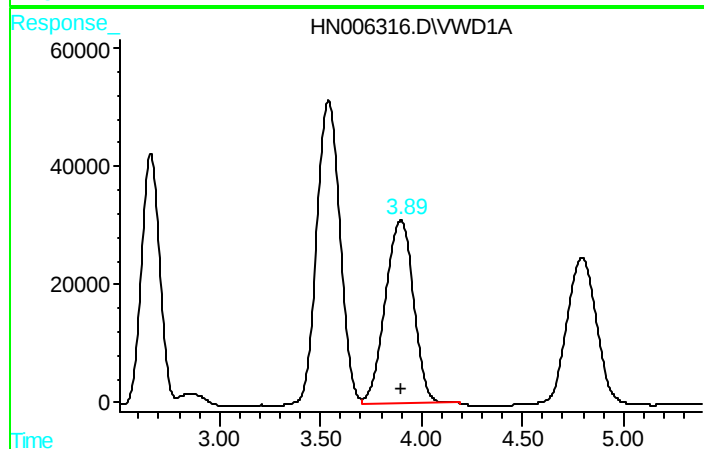
#5 1,3-Dinitrobenzene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 4154892
Conc: 253.75 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79609BS

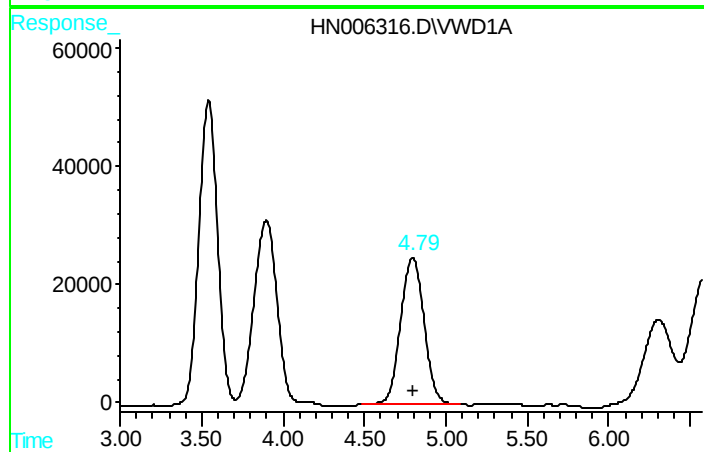
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM



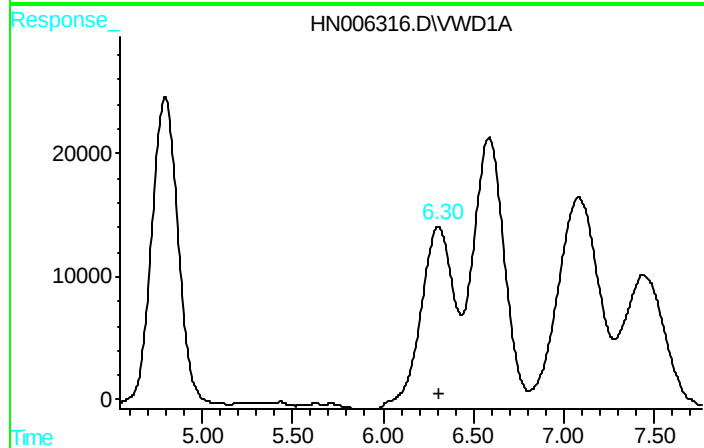
#6 3,5-Dinitroaniline

R.T.: 3.897 min
Delta R.T.: -0.006 min
Response: 3057248
Conc: 262.36 ug/L



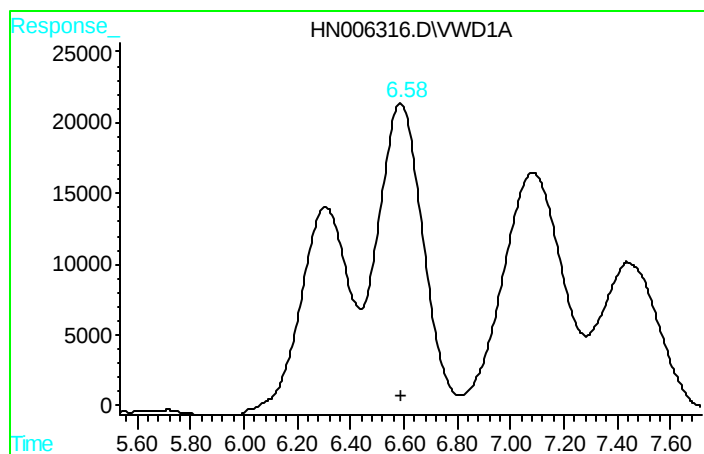
#7 Nitrobenzene

R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 2509370
Conc: 250.41 ug/L



#8 Tetryl

R.T.: 6.303 min
Delta R.T.: -0.009 min
Response: 1786193
Conc: 280.14 ug/L m



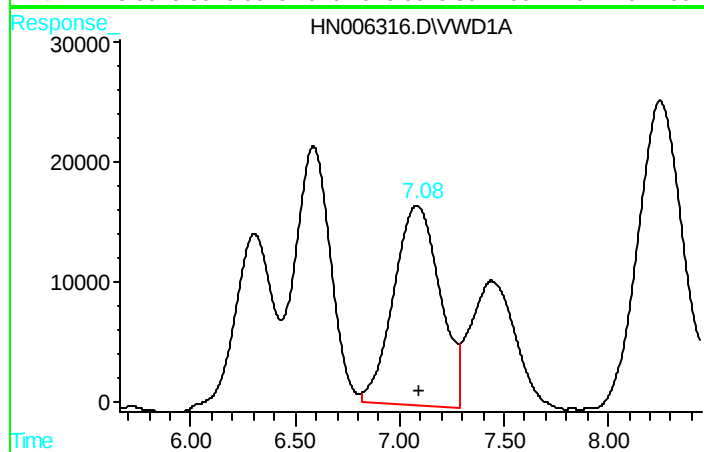
#9 2,4,6-Trinitrotoluene

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 2540026
Conc: 236.57 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79609BS

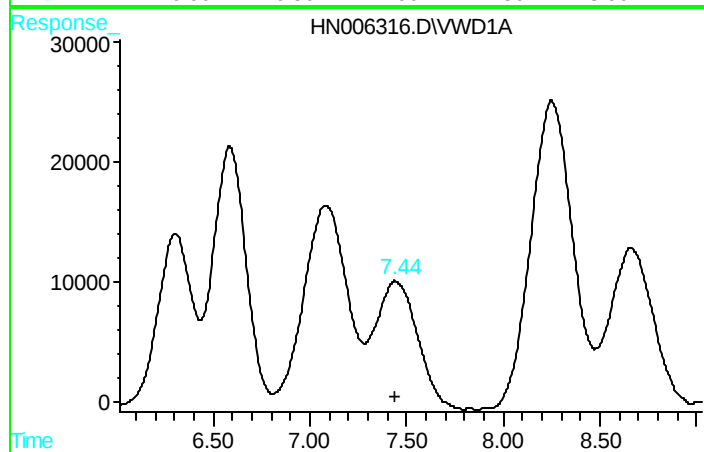
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM



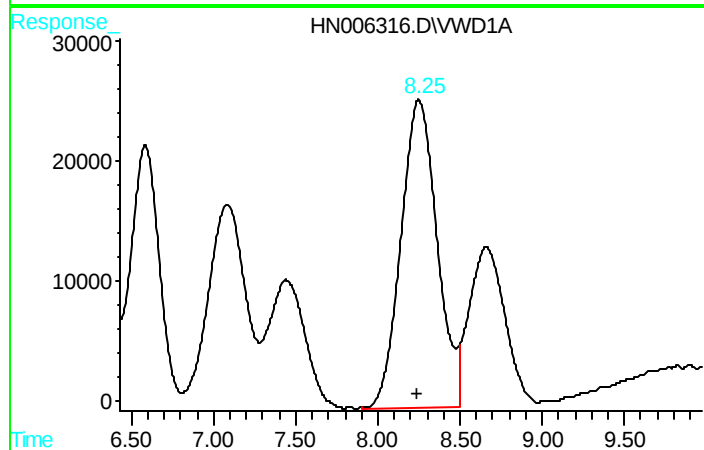
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.081 min
Delta R.T.: -0.007 min
Response: 2604795
Conc: 224.95 ug/L m



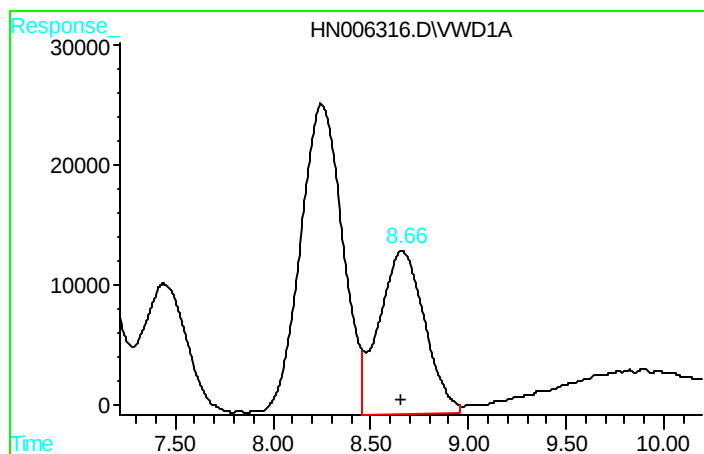
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 1719892
Conc: 281.80 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.246 min
Delta R.T.: 0.005 min
Response: 3935556
Conc: 255.60 ug/L m



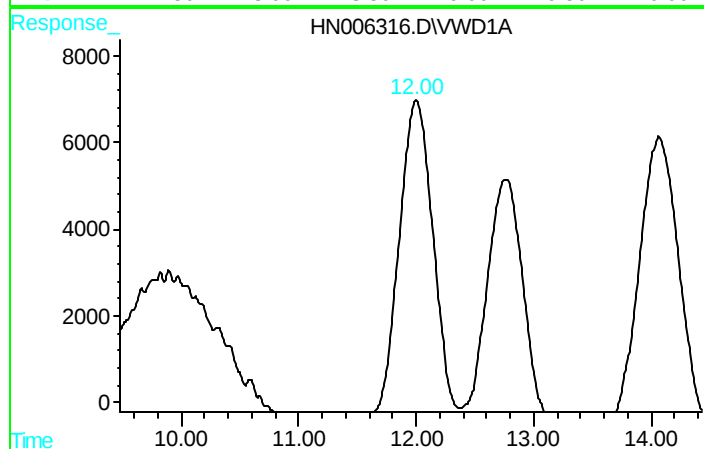
#13 2,6-Dinitrotoluene

R.T.: 8.657 min
Delta R.T.: 0.003 min
Response: 2189867
Conc: 258.37 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79609BS

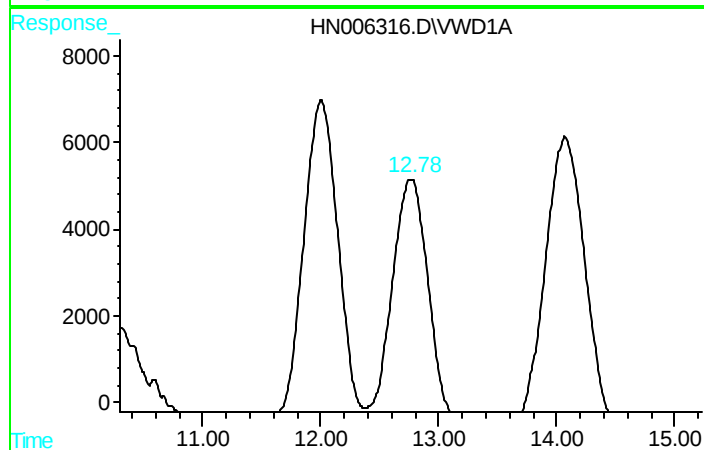
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM



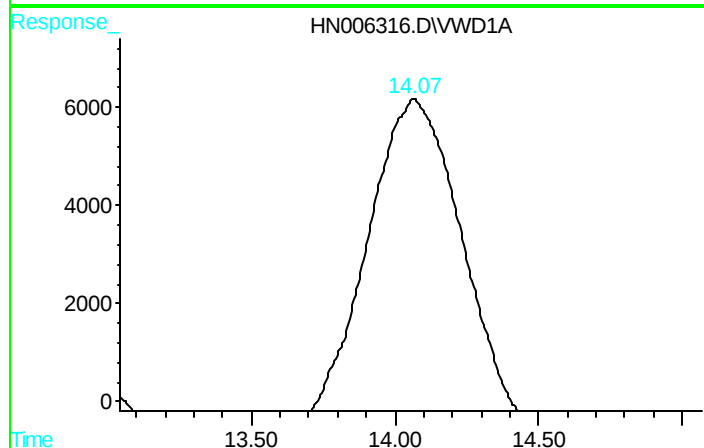
#14 2-Nitrotoluene

R.T.: 11.998 min
Delta R.T.: 0.009 min
Response: 1588861
Conc: 237.24 ug/L m



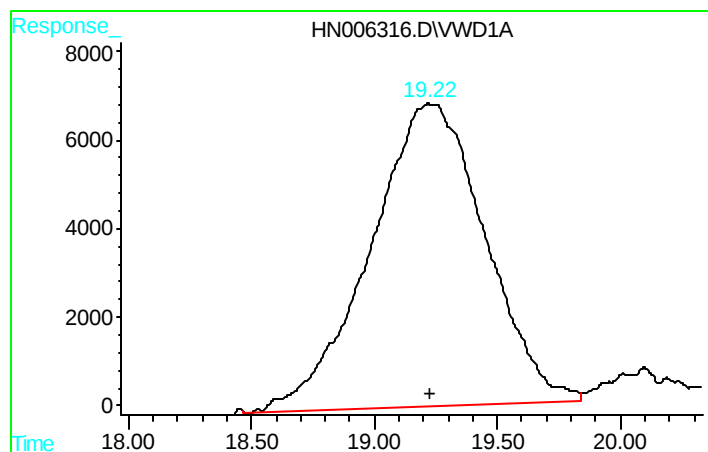
#15 4-Nitrotoluene

R.T.: 12.776 min
Delta R.T.: 0.030 min
Response: 1301950
Conc: 237.84 ug/L m



#16 3-Nitrotoluene

R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 1722841
Conc: 247.47 ug/L m



#17 PETN

R.T.: 19.218 min
Delta R.T.: -0.006 min
Response: 2229116
Conc: 270.84 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79609BS

Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:01 AM