

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006322.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006322.D\VWD1A.CH
 Acq On : 15-Oct-2014, 21:43 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:21 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:26 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	1.31	1699291	427.546 ug/L m
Target Compounds			
2) T HMX	0.87	2096557	433.495 ug/L
3) T RDX	1.69	2689117	490.487 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5450422	508.223 ug/L
5) T 1,3-Dinitrobenzene	3.55	8219340	501.968 ng/ml
6) T 3,5-Dinitroaniline	3.90	5869675	503.713 ug/L
7) T Nitrobenzene	4.80	5026215	501.571 ug/L
8) T Tetryl	6.31	3602005	564.916 ug/L
9) T 2,4,6-Trinitrotoluene	6.59	5375356	500.637 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.10	5661827	488.958 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.46	3272901	536.265 ug/L
12) T 2,4-Dinitrotoluene	8.26	7658547	497.392 ug/L
13) T 2,6-Dinitrotoluene	8.67	4155028	490.229 ug/L
14) T 2-Nitrotoluene	12.02	3238093	483.493 ug/L m
15) T 4-Nitrotoluene	12.77	2676775	488.995 ug/L m
16) T 3-Nitrotoluene	14.08	3359701	482.596 ug/L
17) T PETN	19.26	3893237	473.034 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.

HN006322.D HN100214.M

Fri Oct 17 19:05:05 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006322.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006322.D\VWD1A.CH
 Acq On : 15-Oct-2014, 21:43 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:21 2014 Quant Results File: HN100214.RES

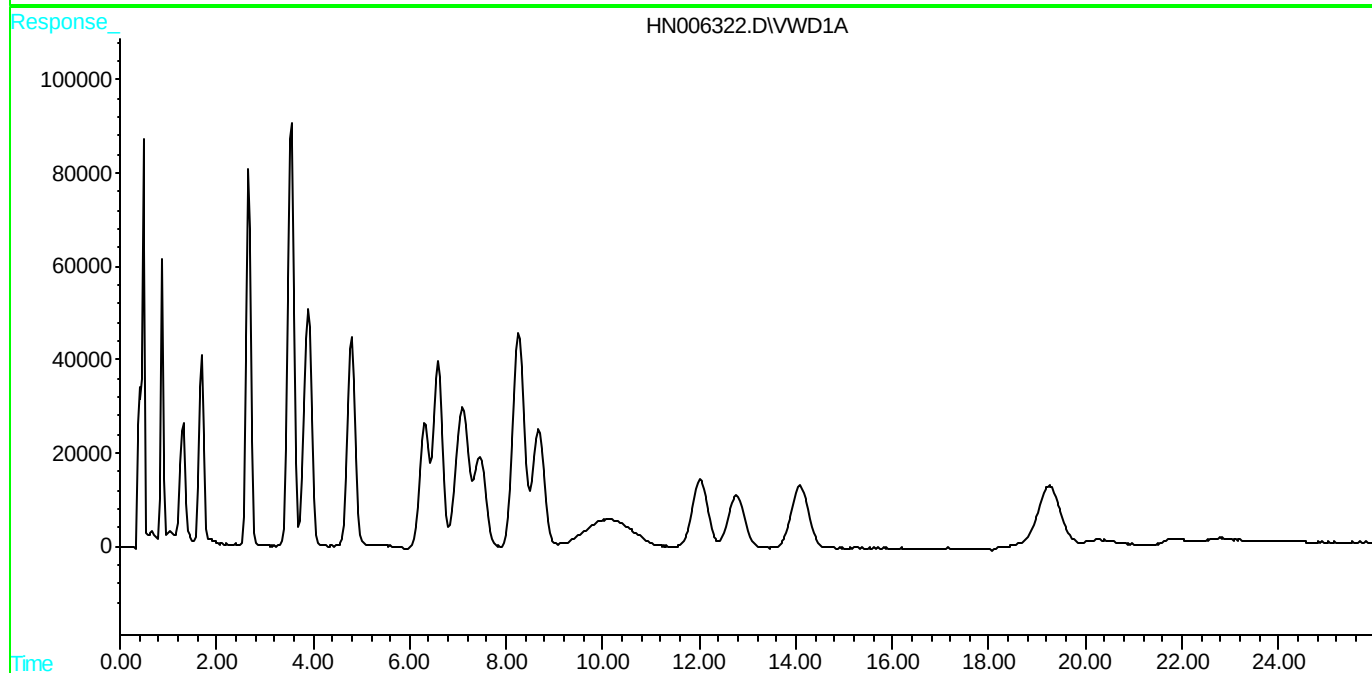
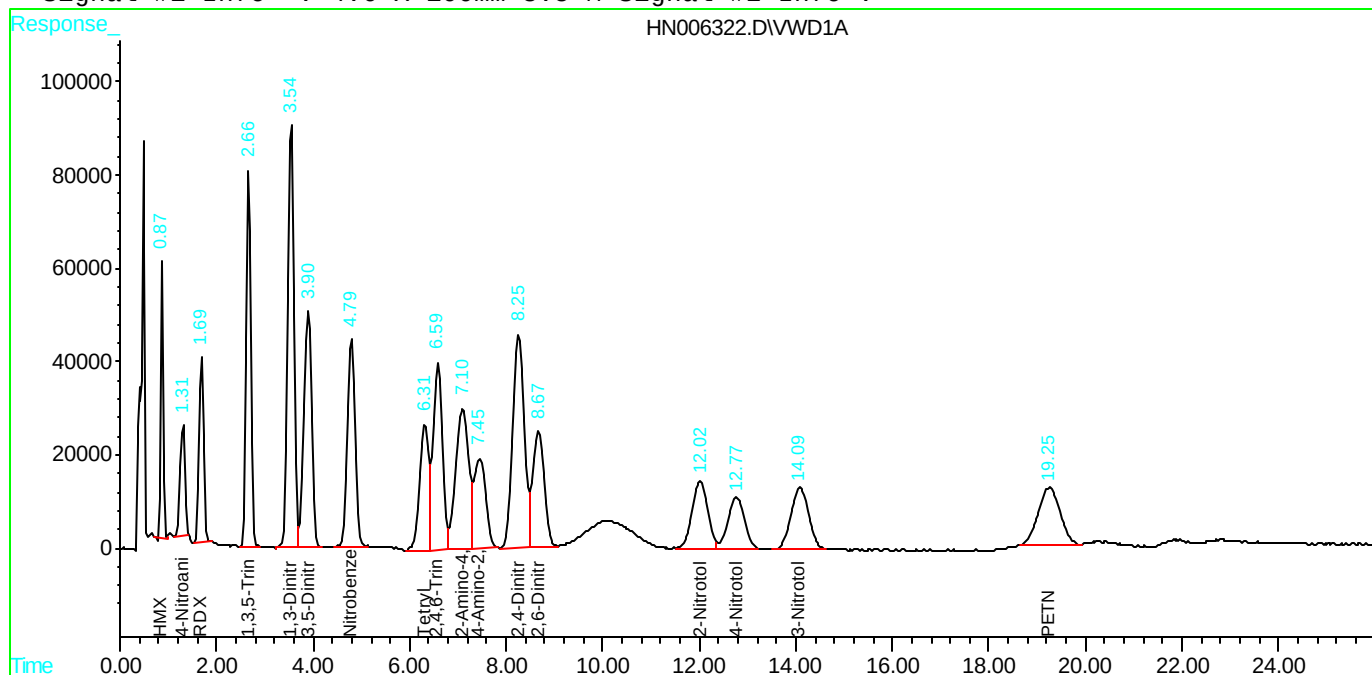
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

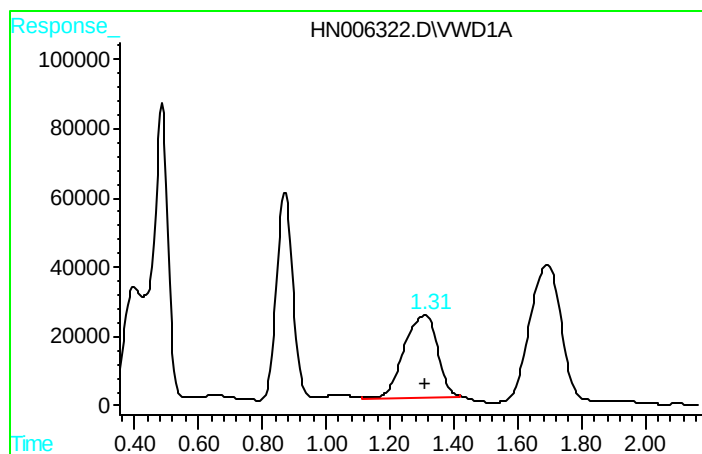
Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:26 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 :





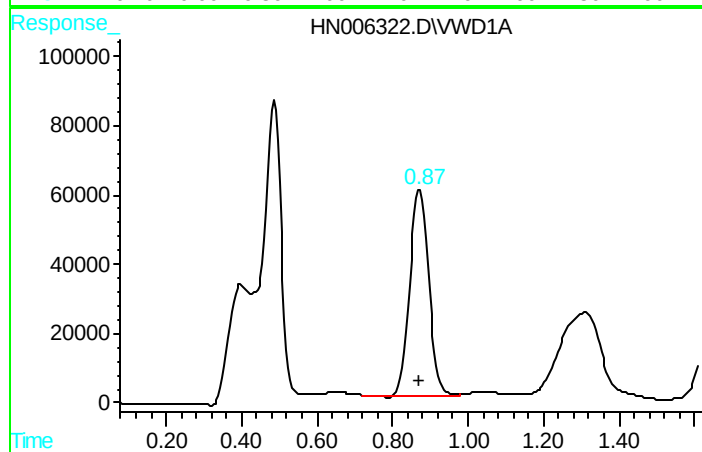
#1 4-Nitroaniline

R.T.: 1.309 min
Delta R.T.: 0.001 min
Response: 1699291
Conc: 427.55 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

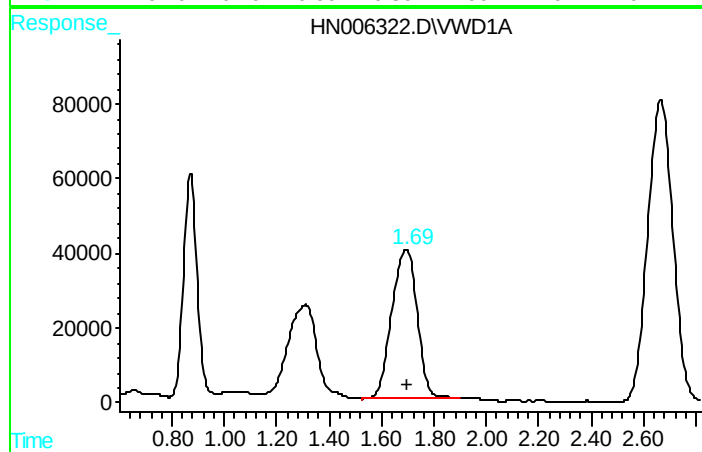
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:26 AM



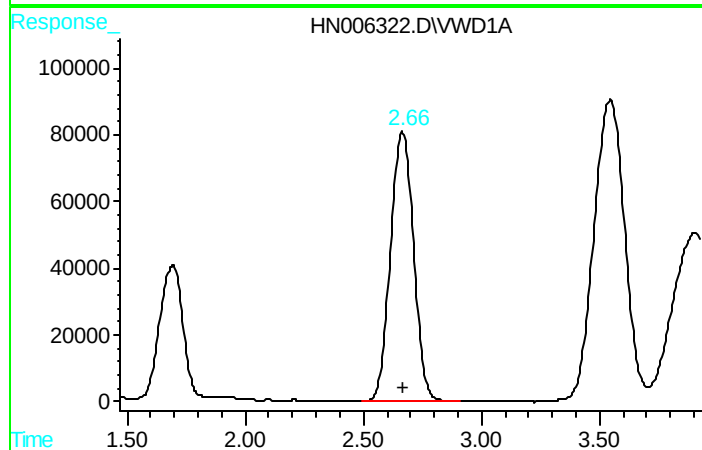
#2 HMX

R.T.: 0.872 min
Delta R.T.: 0.002 min
Response: 2096557
Conc: 433.49 ug/L



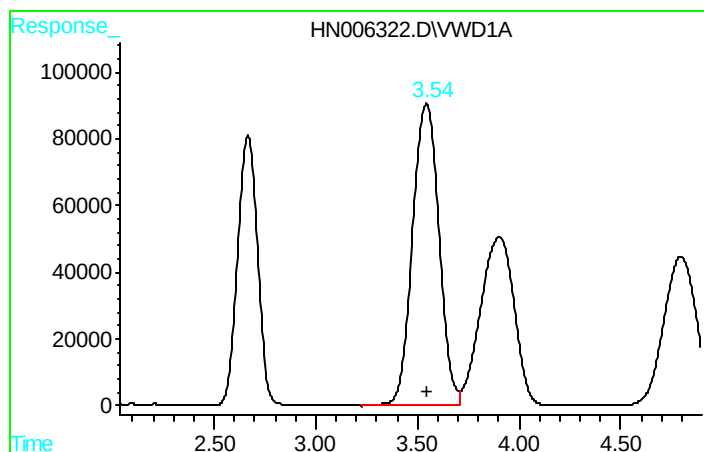
#3 RDX

R.T.: 1.694 min
Delta R.T.: 0.000 min
Response: 2689117
Conc: 490.49 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 5450422
Conc: 508.22 ug/L



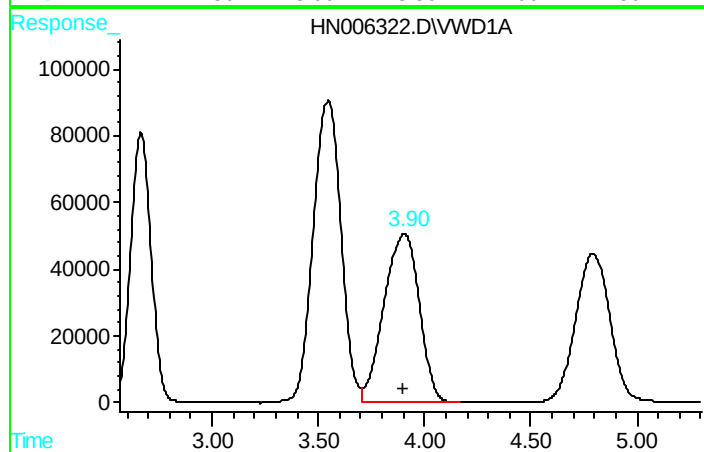
#5 1,3-Dinitrobenzene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 8219340
Conc: 501.97 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

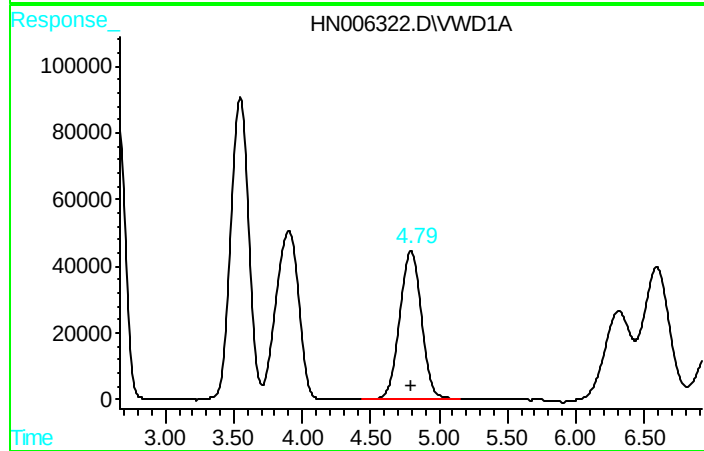
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:26 AM



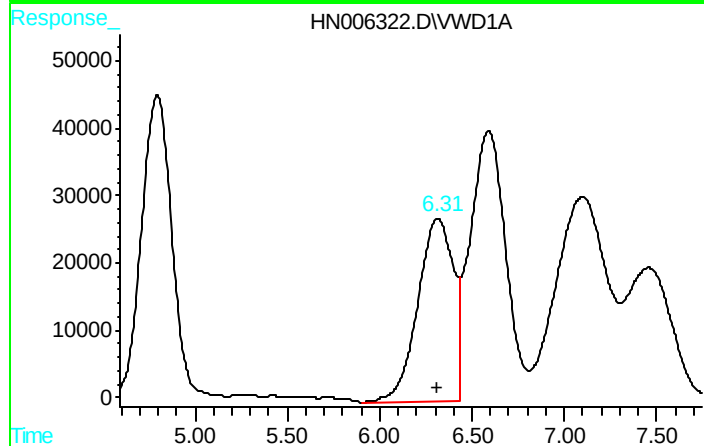
#6 3,5-Dinitroaniline

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 5869675
Conc: 503.71 ug/L



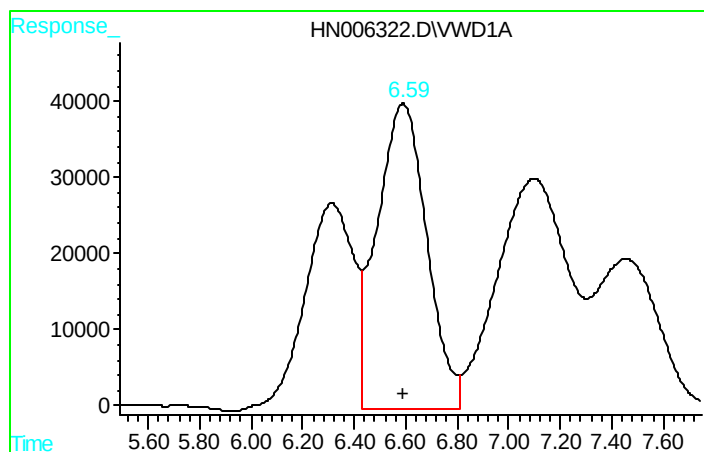
#7 Nitrobenzene

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 5026215
Conc: 501.57 ug/L



#8 Tetryl

R.T.: 6.314 min
Delta R.T.: 0.003 min
Response: 3602005
Conc: 564.92 ug/L



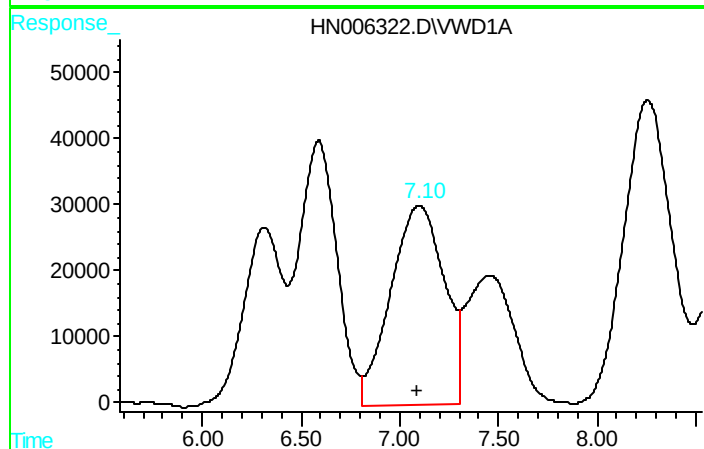
#9 2,4,6-Trinitrotoluene

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 5375356
Conc: 500.64 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

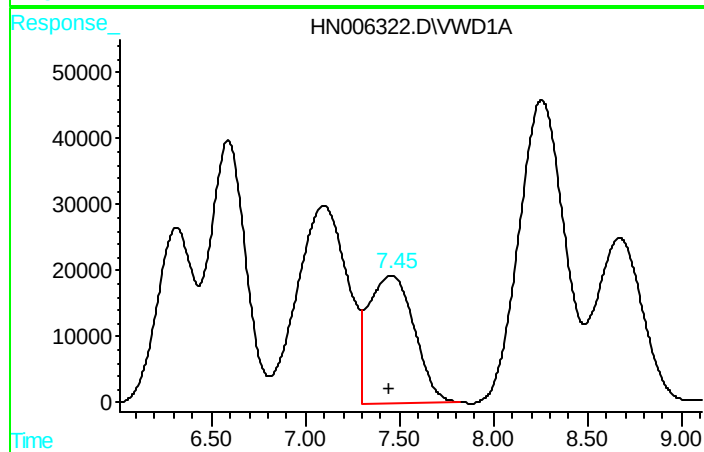
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:26 AM



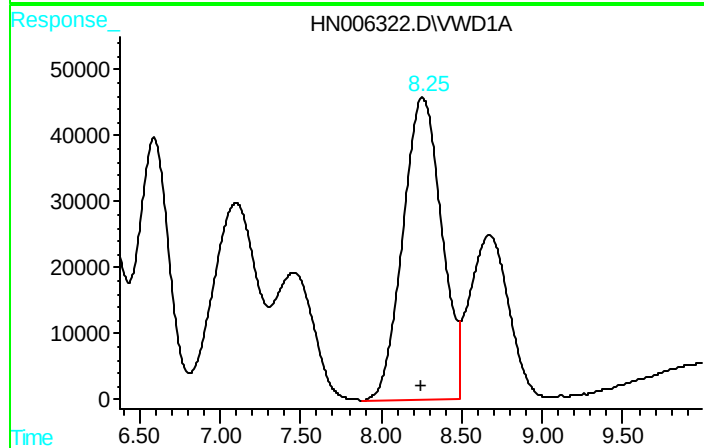
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.099 min
Delta R.T.: 0.011 min
Response: 5661827
Conc: 488.96 ug/L



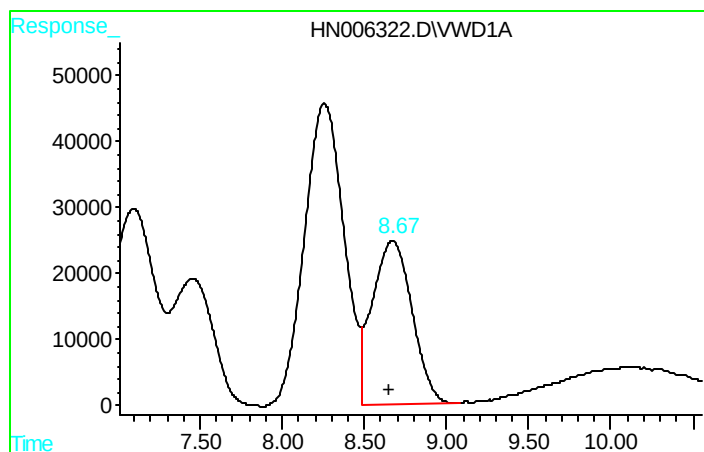
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.456 min
Delta R.T.: 0.016 min
Response: 3272901
Conc: 536.26 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.256 min
Delta R.T.: 0.015 min
Response: 7658547
Conc: 497.39 ug/L



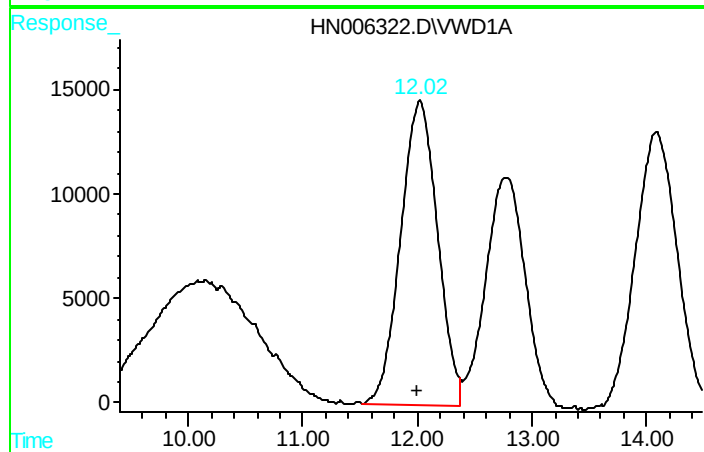
#13 2,6-Dinitrotoluene

R.T.: 8.671 min
Delta R.T.: 0.017 min
Response: 4155028
Conc: 490.23 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

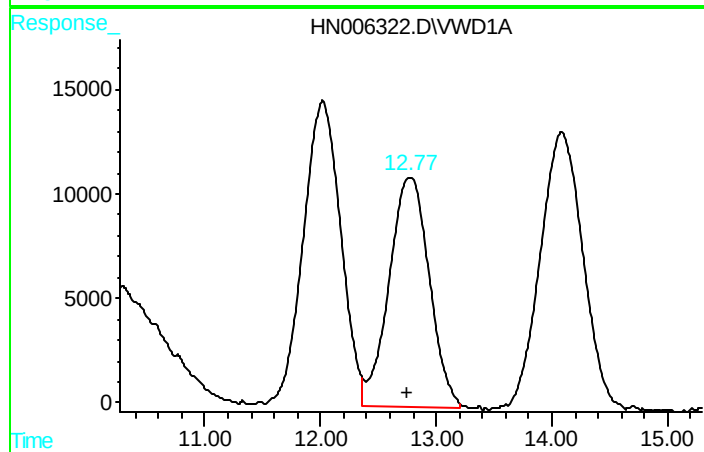
Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:26 AM



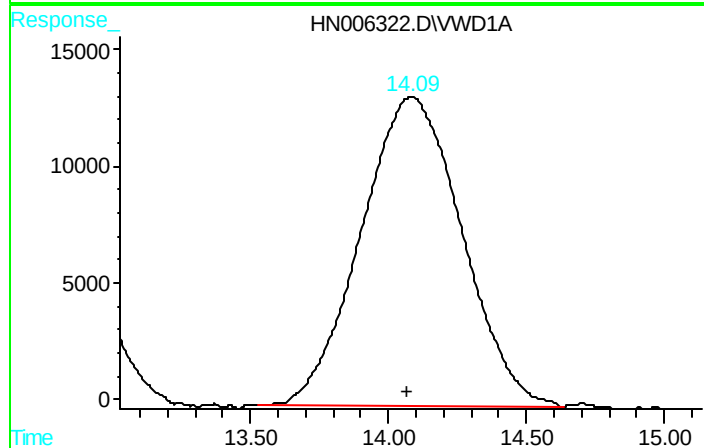
#14 2-Nitrotoluene

R.T.: 12.020 min
Delta R.T.: 0.030 min
Response: 3238093
Conc: 483.49 ug/L m



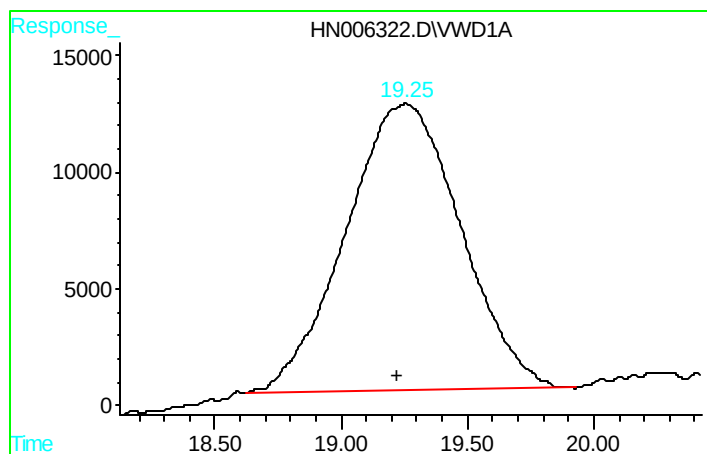
#15 4-Nitrotoluene

R.T.: 12.768 min
Delta R.T.: 0.022 min
Response: 2676775
Conc: 488.99 ug/L m



#16 3-Nitrotoluene

R.T.: 14.084 min
Delta R.T.: 0.020 min
Response: 3359701
Conc: 482.60 ug/L



#17 PETN

R.T.: 19.256 min
Delta R.T.: 0.033 min
Response: 3893237
Conc: 473.03 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

mohammad
10/21/2014 10:20:26 AM