

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006229.D\VWD1A.CH Vial:
 Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006229.D\VWD1A.CH
 Acq On : 13-Aug-2014, 11:02 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Aug 13 15:39 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

TEJASKUMAR
 8/14/2014 6:05:40 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Wed Aug 13 15:37:46 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	1.44	2024887	459.753 ug/L
Target Compounds			
2) T HMX	0.94	2281269	508.349 ug/L
3) T RDX	1.86	2906117	519.133 ug/L
4) T 1,3,5-Trinitrobenzene	2.98	5629837	509.999 ug/L
5) T 1,3-Dinitrobenzene	3.98	8945387	532.753 ng/ml
6) T 3,5-Dinitroaniline	4.40	7571858	561.882 ug/L
7) T Nitrobenzene	5.41	5051954	491.106 ug/L m
8) T Tetryl	7.48	3322467	427.426 ug/L m
9) T 2,4,6-Trinitrotoluene	7.61	6051499	572.013 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	8.23	5584739	489.869 ug/L
11) T 4-Amino-2,6-dinitrotoluene	8.72	3768550	543.766 ug/L
12) T 2,4-Dinitrotoluene	9.58	7955549	501.999 ug/L
13) T 2,6-Dinitrotoluene	10.10	4485025	525.760 ug/L
14) T 2-Nitrotoluene	14.00	3458738	502.622 ug/L m
15) T 4-Nitrotoluene	14.88	2842858	512.583 ug/L m
16) T 3-Nitrotoluene	16.42	3598795	503.621 ug/L m
17) T PETN	22.61	4732189	534.261 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.

HN006229.D HN071714.M

Fri Aug 15 18:09:53 2014

RPT1

Quantitation Report

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006229.D\VWD1A.CH Vial:
 Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006229.D\VWD1A.CH
 Acq On : 13-Aug-2014, 11:02 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Aug 13 15:39 2014 Quant Results File: HN071714.RES

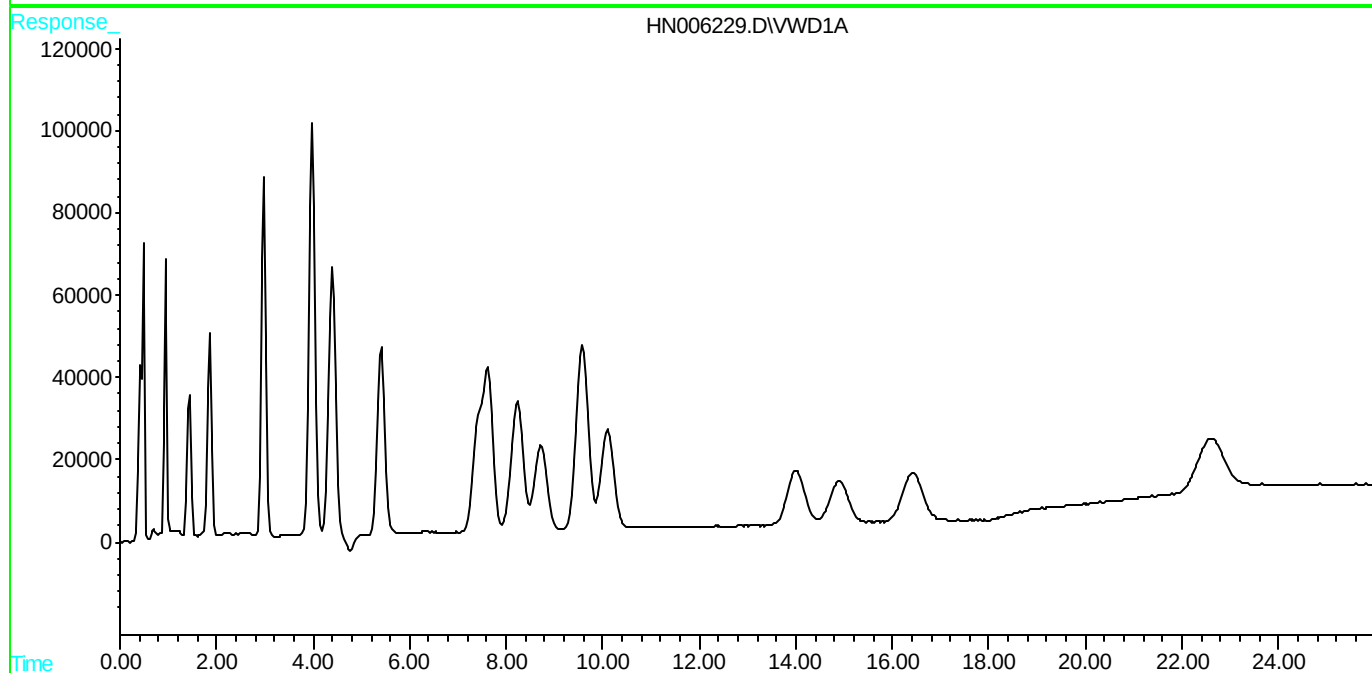
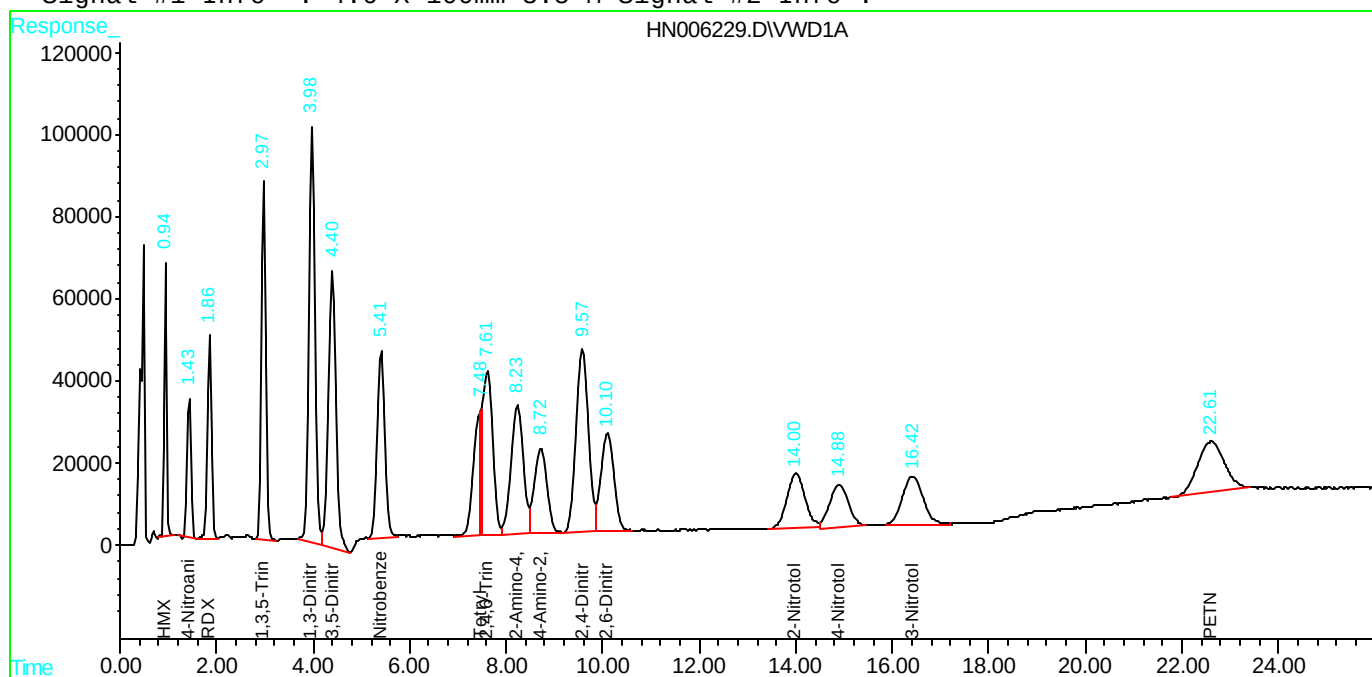
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

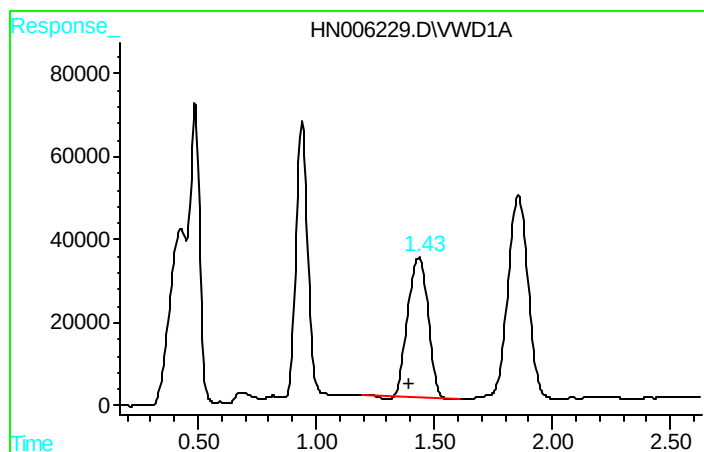
Manual Integrations
 APPROVED

TEJASKUMAR
 8/14/2014 6:05:40 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Wed Aug 13 15:37:46 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 :





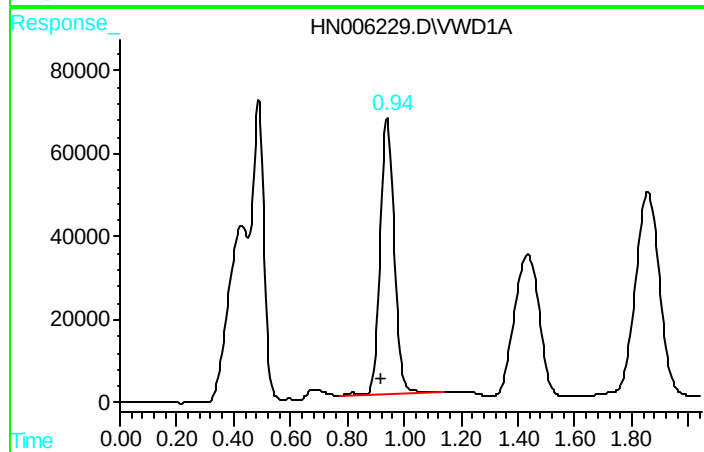
#1 4-Nitroaniline

R.T.: 1.435 min
Delta R.T.: 0.045 min
Response: 2024887
Conc: 459.75 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

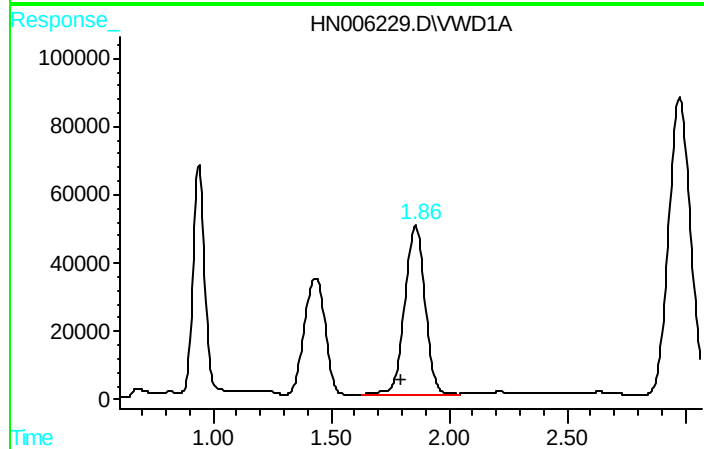
Manual Integrations
APPROVED

TEJASKUMAR
8/14/2014 6:05:40 PM



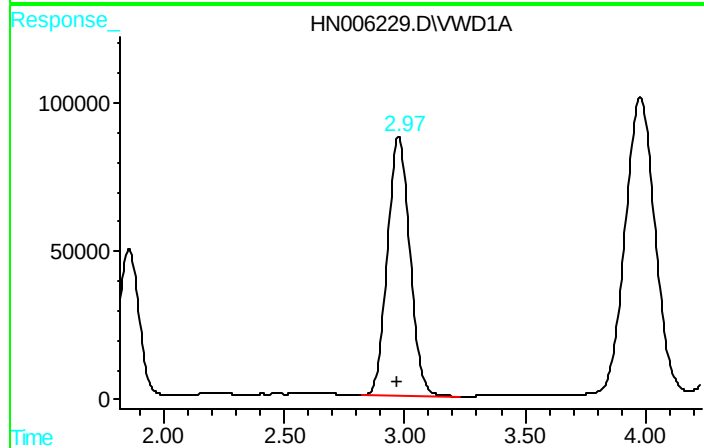
#2 HMX

R.T.: 0.941 min
Delta R.T.: 0.021 min
Response: 2281269
Conc: 508.35 ug/L



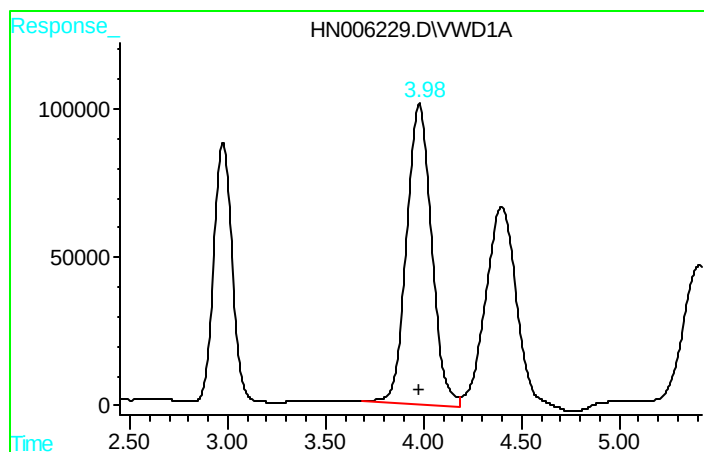
#3 RDX

R.T.: 1.858 min
Delta R.T.: 0.058 min
Response: 2906117
Conc: 519.13 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.977 min
Delta R.T.: 0.007 min
Response: 5629837
Conc: 510.00 ug/L



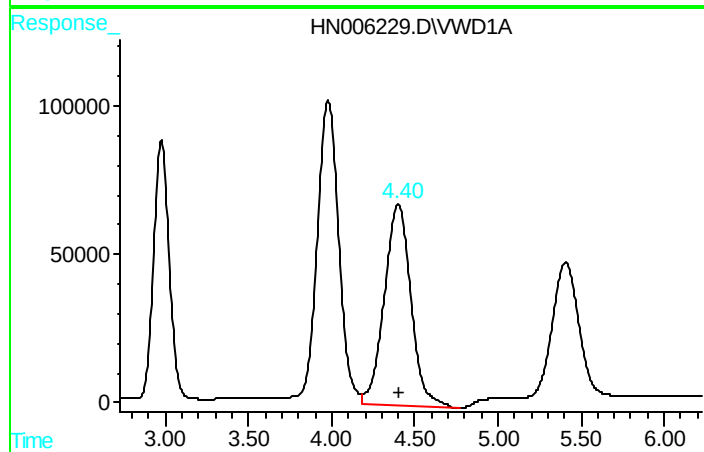
#5 1,3-Dinitrobenzene

R.T.: 3.979 min
Delta R.T.: 0.000 min
Response: 8945387
Conc: 532.75 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

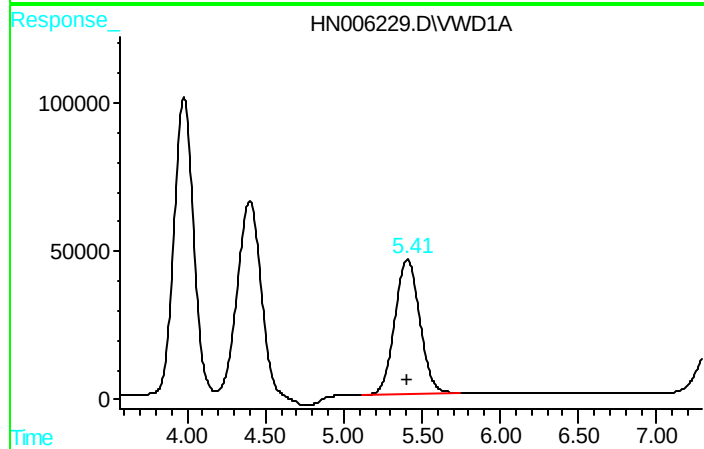
Manual Integrations
APPROVED

TEJASKUMAR
8/14/2014 6:05:40 PM



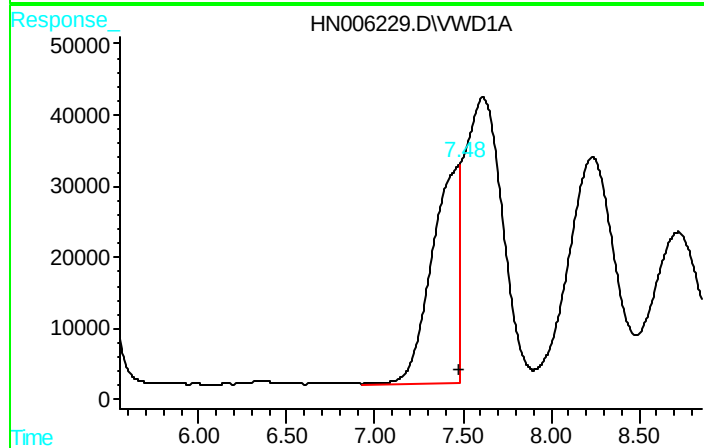
#6 3,5-Dinitroaniline

R.T.: 4.400 min
Delta R.T.: 0.000 min
Response: 7571858
Conc: 561.88 ug/L



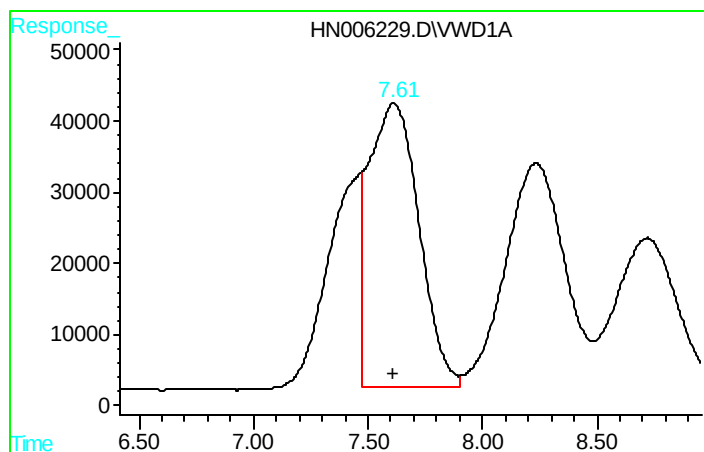
#7 Nitrobenzene

R.T.: 5.406 min
Delta R.T.: -0.004 min
Response: 5051954
Conc: 491.11 ug/L m



#8 Tetryl

R.T.: 7.479 min
Delta R.T.: -0.001 min
Response: 3322467
Conc: 427.43 ug/L m



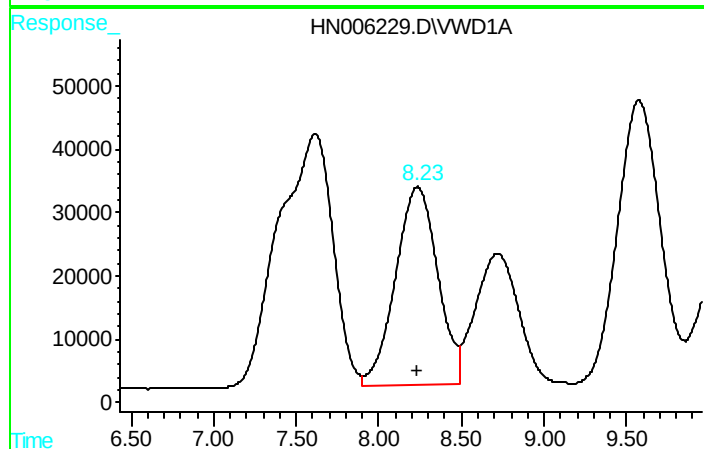
#9 2,4,6-Trinitrotoluene

R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 6051499
Conc: 572.01 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

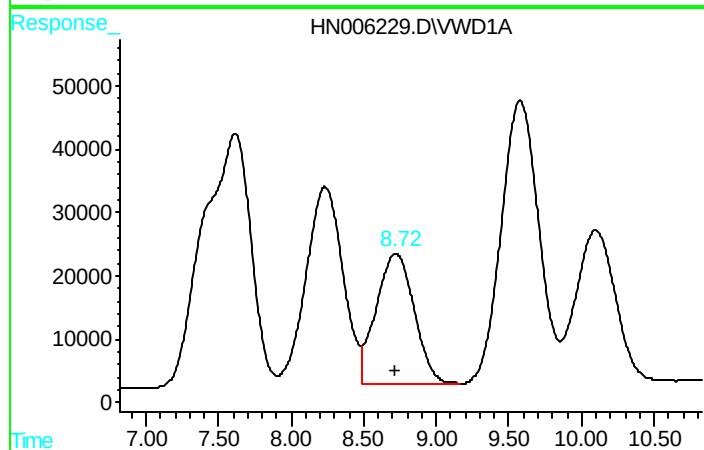
Manual Integrations
APPROVED

TEJASKUMAR
8/14/2014 6:05:40 PM



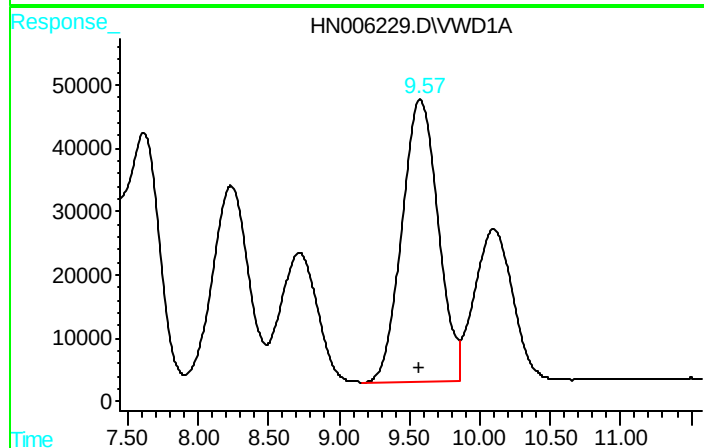
#10 2-Amino-4,6-dinitrotoluene

R.T.: 8.233 min
Delta R.T.: 0.003 min
Response: 5584739
Conc: 489.87 ug/L



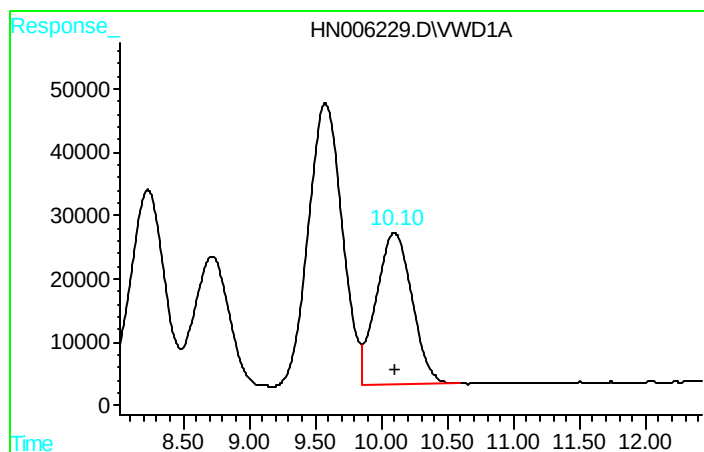
#11 4-Amino-2,6-dinitrotoluene

R.T.: 8.720 min
Delta R.T.: 0.000 min
Response: 3768550
Conc: 543.77 ug/L



#12 2,4-Dinitrotoluene

R.T.: 9.577 min
Delta R.T.: 0.007 min
Response: 7955549
Conc: 502.00 ug/L



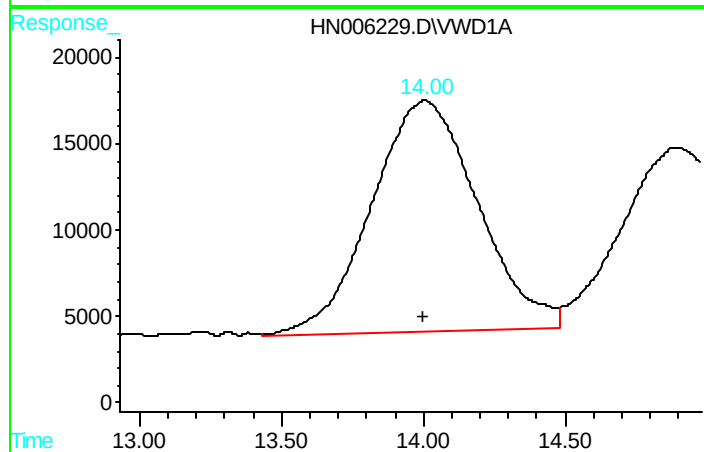
#13 2,6-Dinitrotoluene

R.T.: 10.099 min
Delta R.T.: -0.001 min
Response: 4485025
Conc: 525.76 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

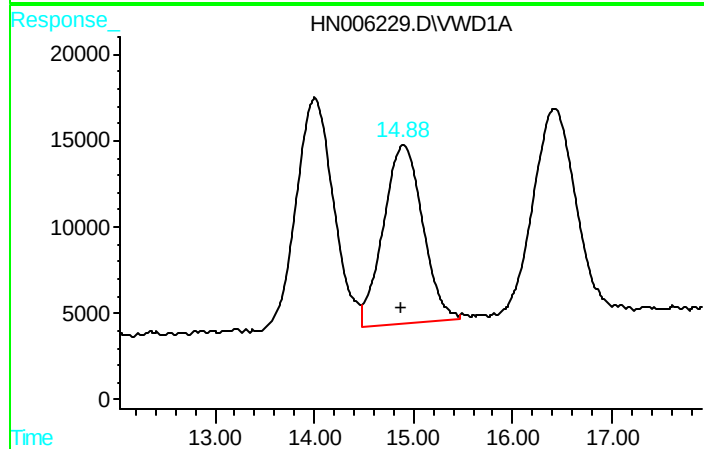
Manual Integrations
APPROVED

TEJASKUMAR
8/14/2014 6:05:40 PM



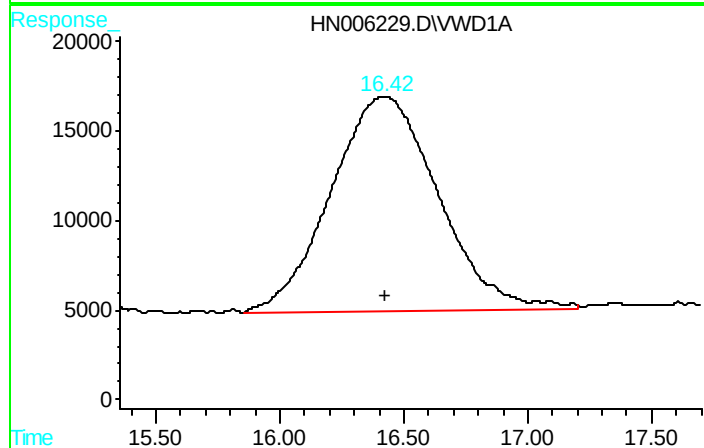
#14 2-Nitrotoluene

R.T.: 14.004 min
Delta R.T.: 0.004 min
Response: 3458738
Conc: 502.62 ug/L m



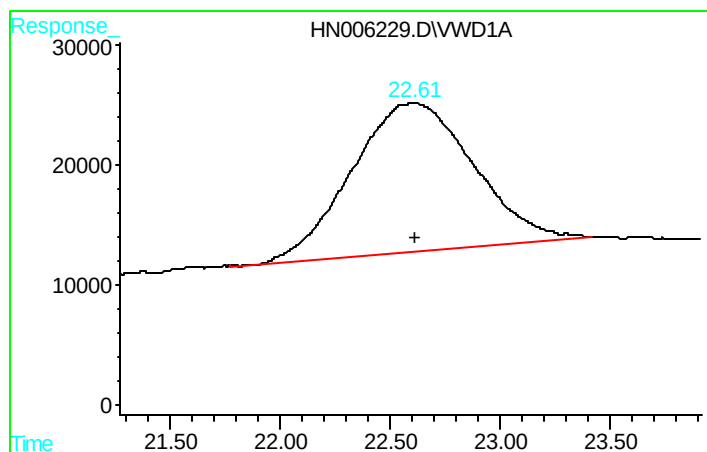
#15 4-Nitrotoluene

R.T.: 14.883 min
Delta R.T.: 0.003 min
Response: 2842858
Conc: 512.58 ug/L m



#16 3-Nitrotoluene

R.T.: 16.422 min
Delta R.T.: 0.002 min
Response: 3598795
Conc: 503.62 ug/L m



#17 PETN

R.T.: 22.606 min
Delta R.T.: -0.004 min
Response: 4732189
Conc: 534.26 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

TEJASKUMAR
8/14/2014 6:05:40 PM