

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006176.D Vial: 10
 Acq On : 24-Jul-2014, 13:32 Operator: HNP
 Sample : F3106-01 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 16:03 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 RR-EXP-SOIL

Manual Integrations
 APPROVED

TEJASKUMAR
 7/31/2014 7:04:19 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 17:06:08 2014
 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	1.33	661563	150.209 ug/L m
Target Compounds			
2) T HMX	0.88	1184876	253.834 ug/L
3) T RDX	1.73	1439976	257.230 ug/L
5) T 1,3-Dinitrobenzene	3.63	29458666	1754.445 ng/ml
6) T 3,5-Dinitroaniline	4.00	2878388	213.595 ug/L
7) T Nitrobenzene	4.92	27656870	2688.553 ug/L
9) T 2,4,6-Trinitrotoluene	6.78	1073422	101.464 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.31	6641105	582.529 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.69	4558837	657.796 ug/L
12) T 2,4-Dinitrotoluene	8.50	27085773	1709.127 ug/L
13) T 2,6-Dinitrotoluene	8.94	22842177	2677.691 ug/L
14) T 2-Nitrotoluene	12.37	2470505	359.012 ug/L m
15) T 4-Nitrotoluene	13.16	5170619	932.292 ug/L
16) T 3-Nitrotoluene	14.50	5837701	816.937 ug/L
17) T PETN	19.77	3301782	372.769 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.

HN006176.D HN071714.M

Mon Aug 18 16:55:29 2014

RPT1

Quantitation Report

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006176.D Vial: 10
Acq On : 24-Jul-2014, 13:32 Operator: HNP
Sample : F3106-01 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jul 24 16:03 2014 Quant Results File: HN071714.RES

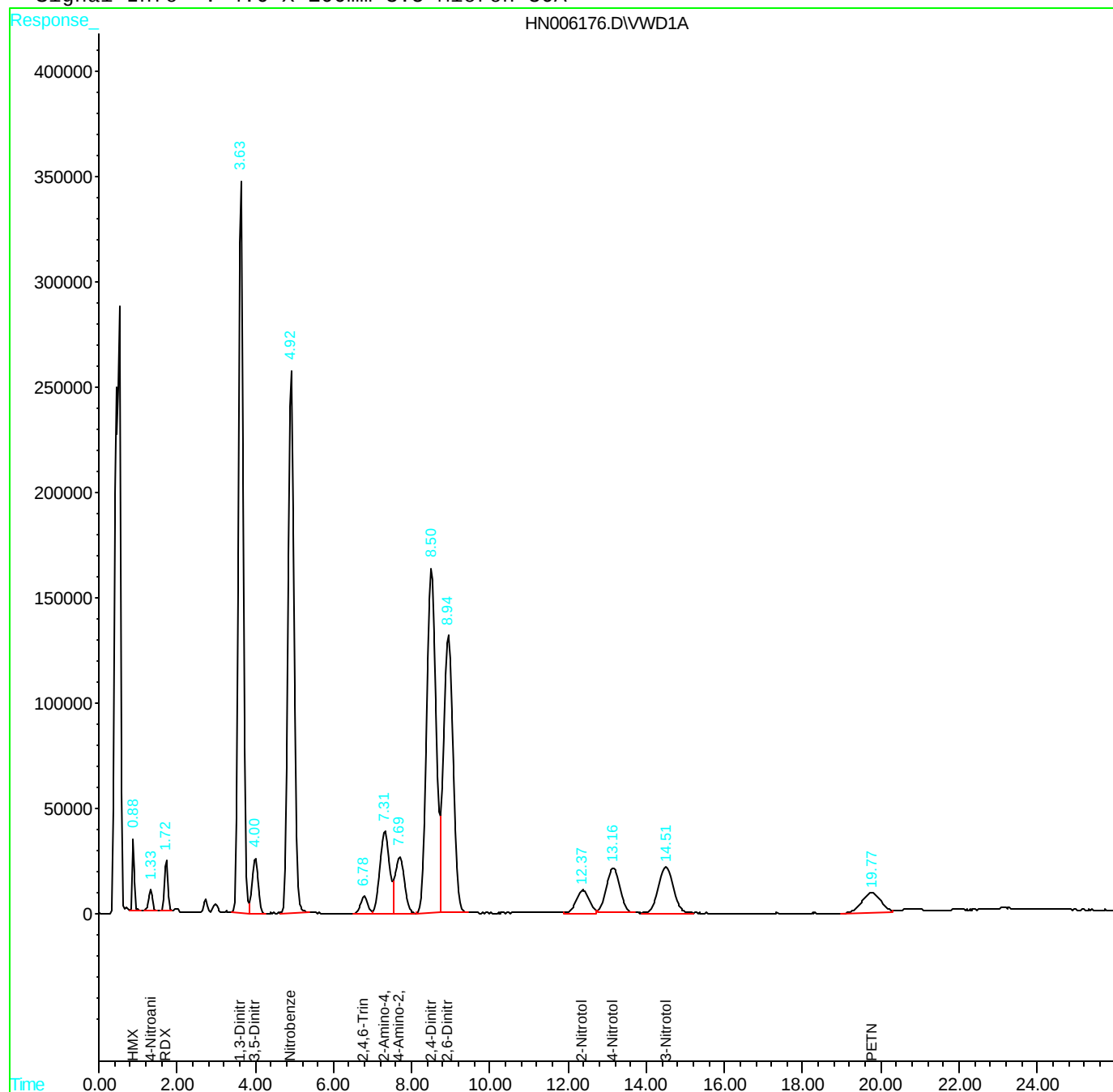
Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

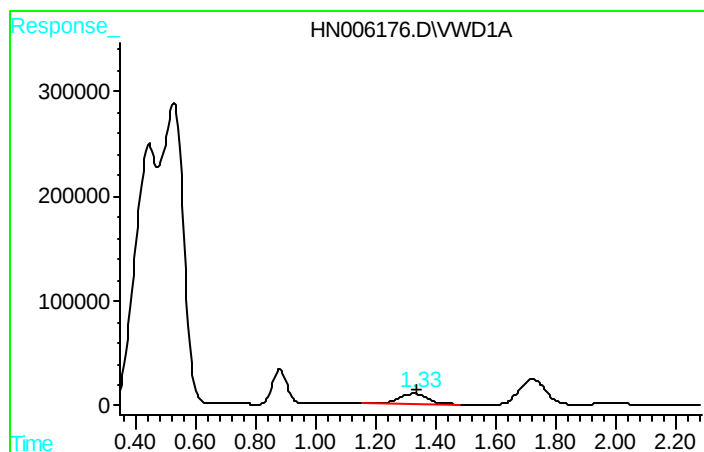
Manual Integrations
APPROVED

TEJASKUMAR
7/31/2014 7:04:19 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
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





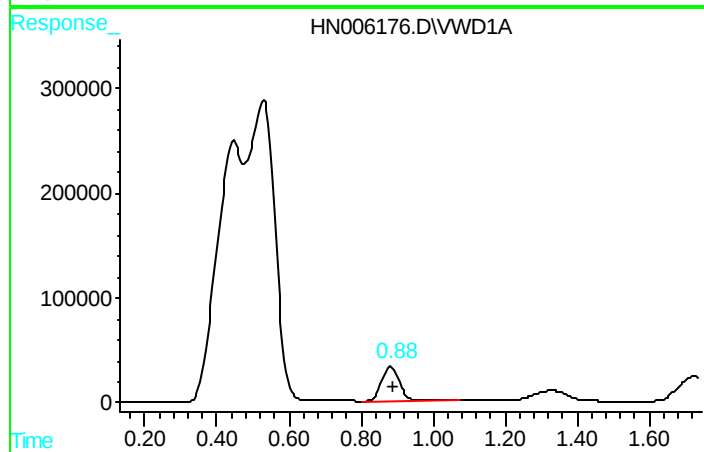
#1 4-Nitroaniline

R.T.: 1.330 min
 Delta R.T.: -0.007 min
 Response: 661563
 Conc: 150.21 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 RR-EXP-SOIL

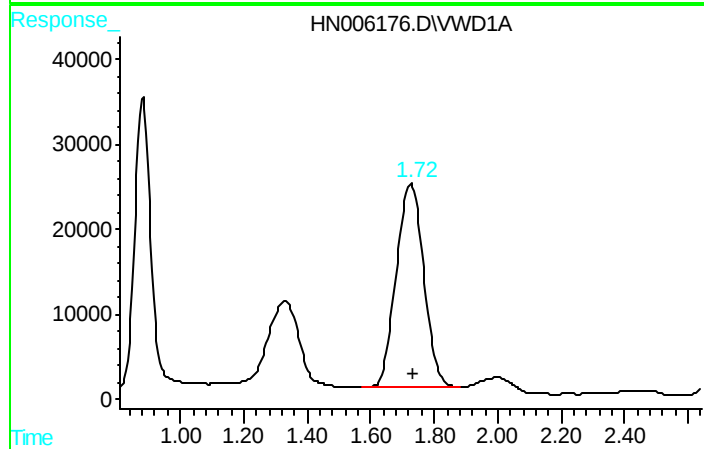
Manual Integrations
 APPROVED

TEJASKUMAR
 7/31/2014 7:04:19 PM



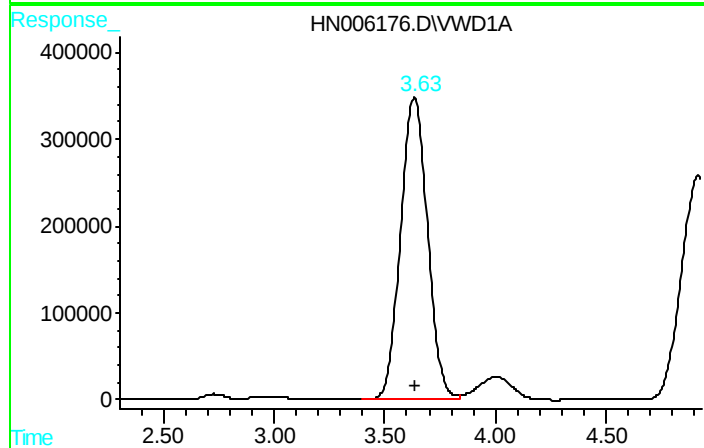
#2 HMX

R.T.: 0.883 min
 Delta R.T.: -0.004 min
 Response: 1184876
 Conc: 253.83 ug/L



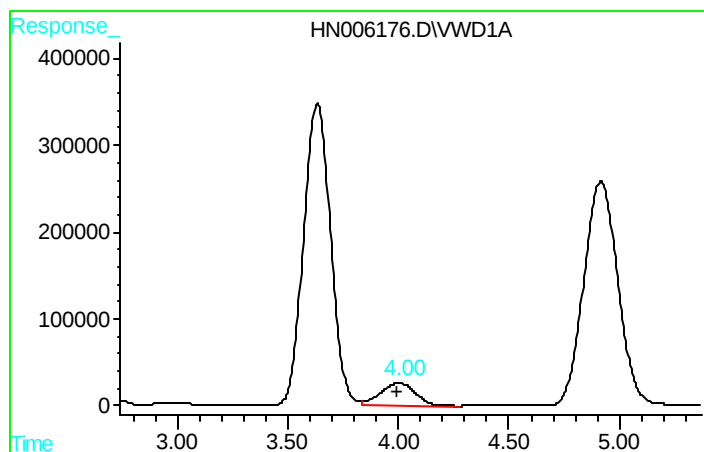
#3 RDX

R.T.: 1.727 min
 Delta R.T.: -0.004 min
 Response: 1439976
 Conc: 257.23 ug/L



#5 1,3-Dinitrobenzene

R.T.: 3.634 min
 Delta R.T.: -0.005 min
 Response: 29458666
 Conc: 1754.45 ng/ml



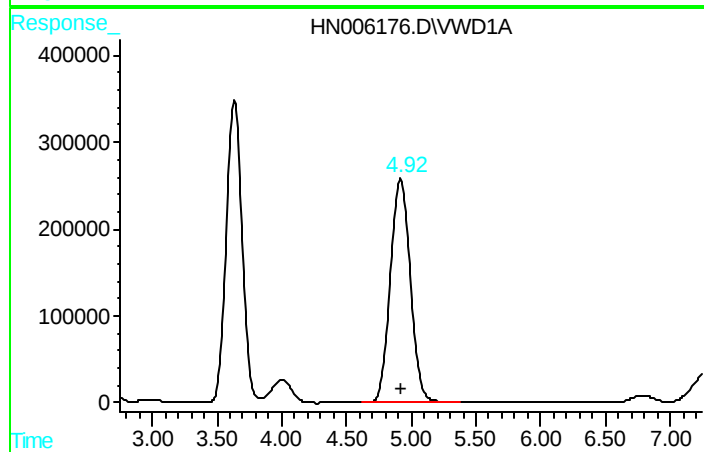
#6 3,5-Dinitroaniline

R.T.: 4.004 min
Delta R.T.: 0.006 min
Response: 2878388
Conc: 213.60 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

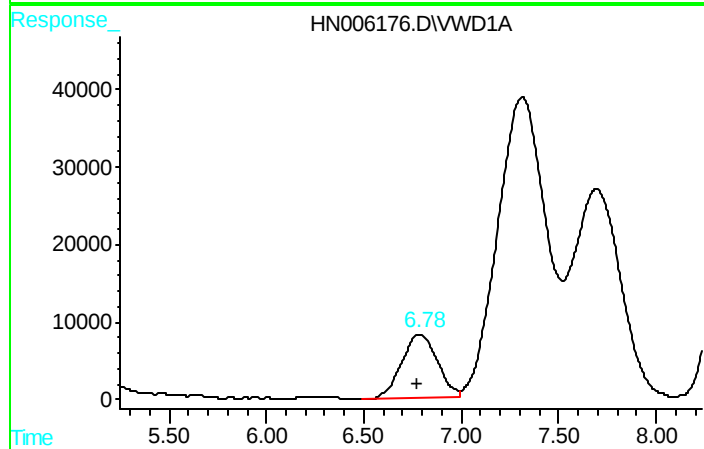
Manual Integrations
APPROVED

TEJASKUMAR
7/31/2014 7:04:19 PM



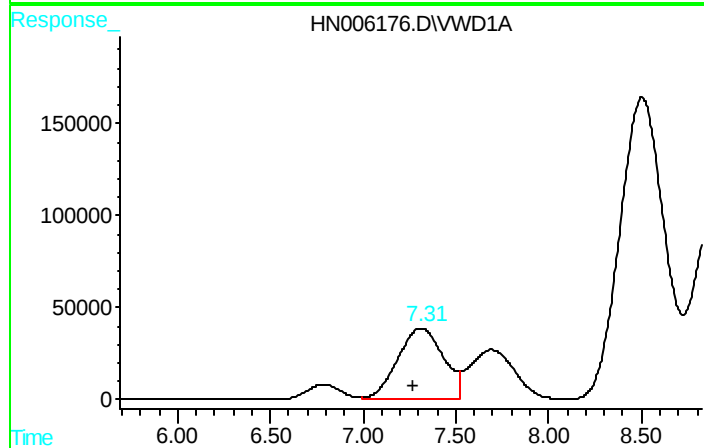
#7 Nitrobenzene

R.T.: 4.917 min
Delta R.T.: -0.002 min
Response: 27656870
Conc: 2688.55 ug/L



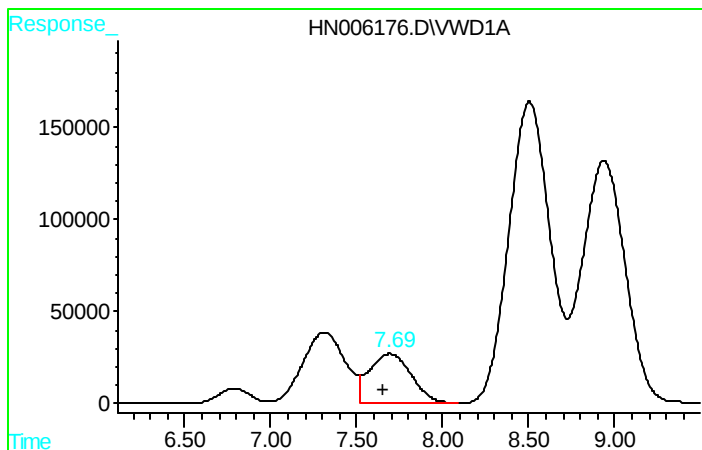
#9 2,4,6-Trinitrotoluene

R.T.: 6.782 min
Delta R.T.: 0.005 min
Response: 1073422
Conc: 101.46 ug/L m



#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.314 min
Delta R.T.: 0.041 min
Response: 6641105
Conc: 582.53 ug/L



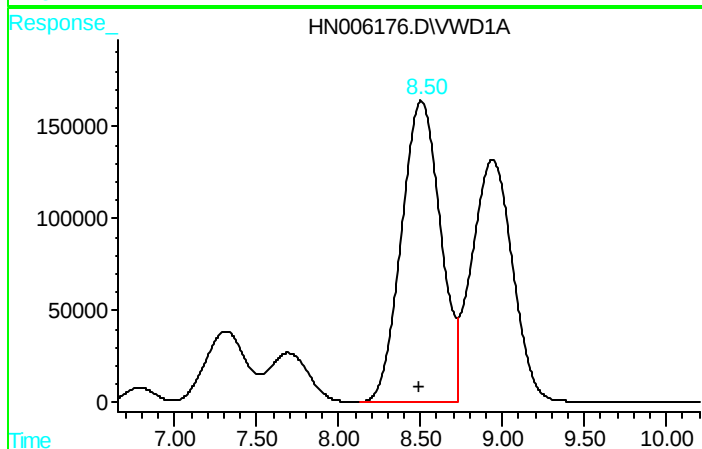
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.694 min
Delta R.T.: 0.042 min
Response: 4558837
Conc: 657.80 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

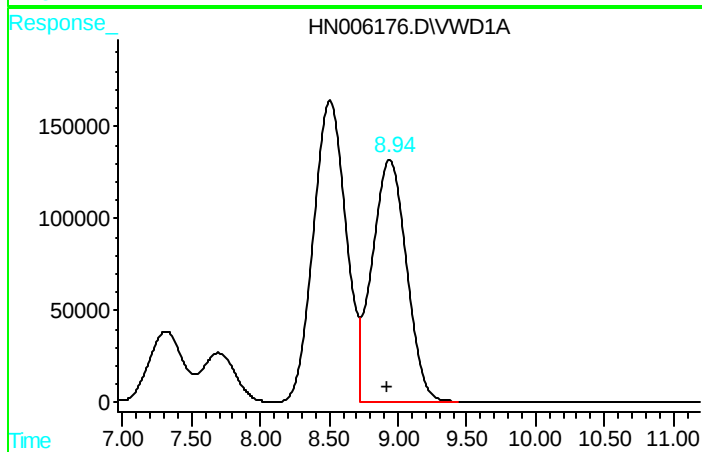
Manual Integrations
APPROVED

TEJASKUMAR
7/31/2014 7:04:19 PM



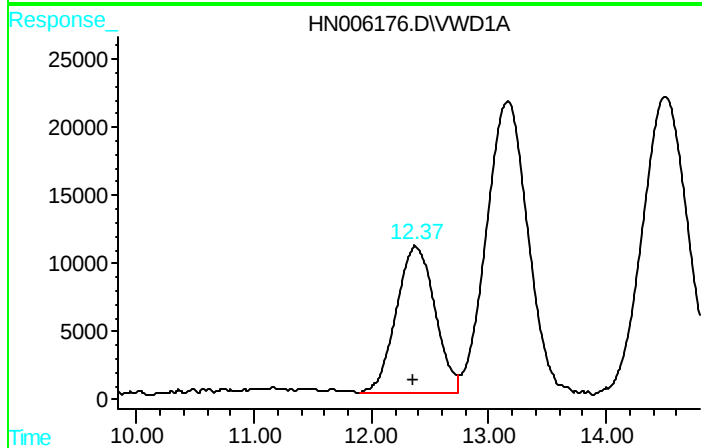
#12 2,4-Dinitrotoluene

R.T.: 8.504 min
Delta R.T.: 0.017 min
Response: 27085773
Conc: 1709.13 ug/L



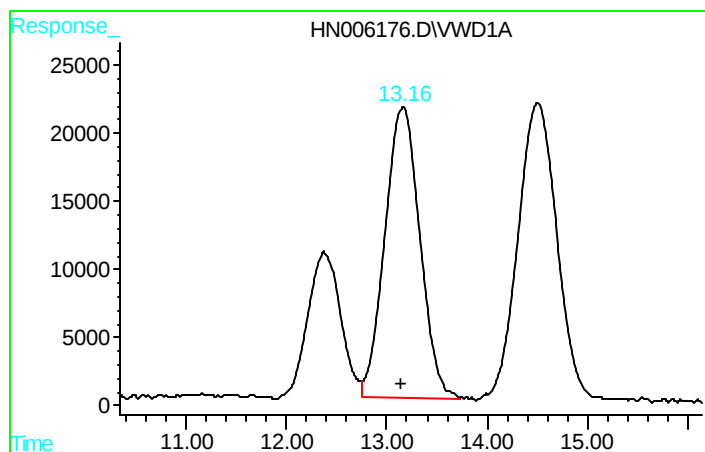
#13 2,6-Dinitrotoluene

R.T.: 8.939 min
Delta R.T.: 0.019 min
Response: 22842177
Conc: 2677.69 ug/L



#14 2-Nitrotoluene

R.T.: 12.370 min
Delta R.T.: 0.012 min
Response: 2470505
Conc: 359.01 ug/L m



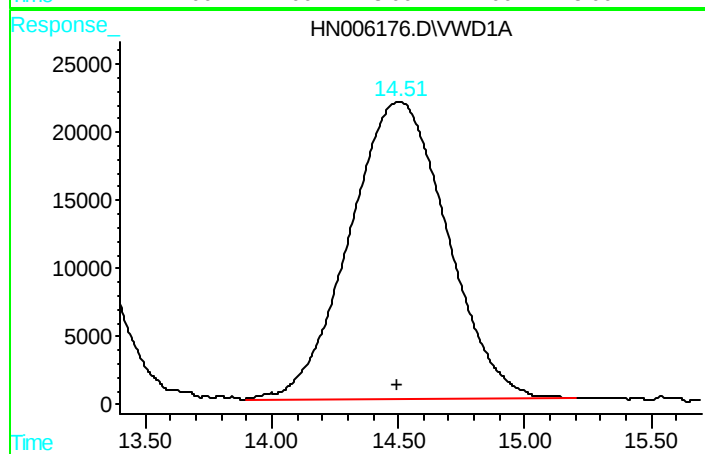
#15 4-Nitrotoluene

R.T.: 13.162 min
Delta R.T.: 0.015 min
Response: 5170619
Conc: 932.29 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

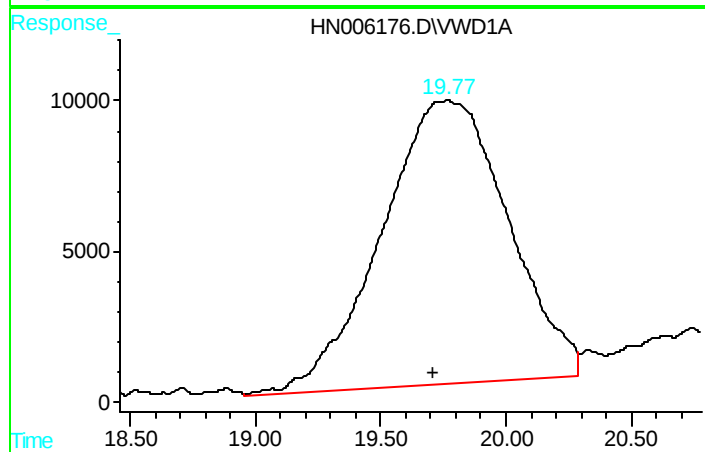
Manual Integrations
APPROVED

TEJASKUMAR
7/31/2014 7:04:19 PM



#16 3-Nitrotoluene

R.T.: 14.503 min
Delta R.T.: 0.008 min
Response: 5837701
Conc: 816.94 ug/L



#17 PETN

R.T.: 19.768 min
Delta R.T.: 0.058 min
Response: 3301782
Conc: 372.77 ug/L m