

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN100614\HN006284.D\VWD1A.CH Vial: 9
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN100614\HN006284.D\VWD1A.CH
 Acq On : 06-Oct-2014, 22:23 Operator: HNP
 Sample : F3897-21 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 7 17:30 2014 Quant Results File: HN100614.RES

Instrument :
 HPLC_N
 ClientSampleId :
 RR-EXP-WP

Manual Integrations
 APPROVED

mohammad
 10/9/2014 3:14:41 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100614.M
 Title :
 Last Update : Tue Oct 07 09:08:47 2014
 Response via : Initial Calibration
 DataAcq Meth : TEST.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	2.59f	874086	515.314 ug/L m
Target Compounds			
2) T HMX	1.54f	713667	113.005 ug/L m
3) T RDX	2.71	8522875	671.010 ug/L
4) T 1,3,5-Trinitrobenzene	4.29	12110134	783.941 ug/L
5) T 1,3-Dinitrobenzene	5.68	4938813	214.901 ng/ml
7) T Nitrobenzene	7.32	1322911	95.870 ug/L m
9) T 2,4,6-Trinitrotoluene	10.36	1391849	100.165 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	11.94	1754558	118.873 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	12.56	8184602	875.240 ug/L
12) T 2,4-Dinitrotoluene	13.31	6939660	316.257 ug/L
13) T 2,6-Dinitrotoluene	13.76	10092371	888.366 ug/L
14) T 2-Nitrotoluene	18.60	2960583	316.117 ug/L m
15) T 4-Nitrotoluene	20.25	5123759	685.290 ug/L
16) T 3-Nitrotoluene	21.90	6400373	671.592 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.

HN006284.D HN100614.M Fri Jan 23 14:36:41 2015

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN100614\HN006284.D\VWD1A.CH Vial: 9
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN100614\HN006284.D\VWD1A.CH
Acq On : 06-Oct-2014, 22:23 Operator: HNP
Sample : F3897-21 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 7 17:30 2014 Quant Results File: HN100614.RES

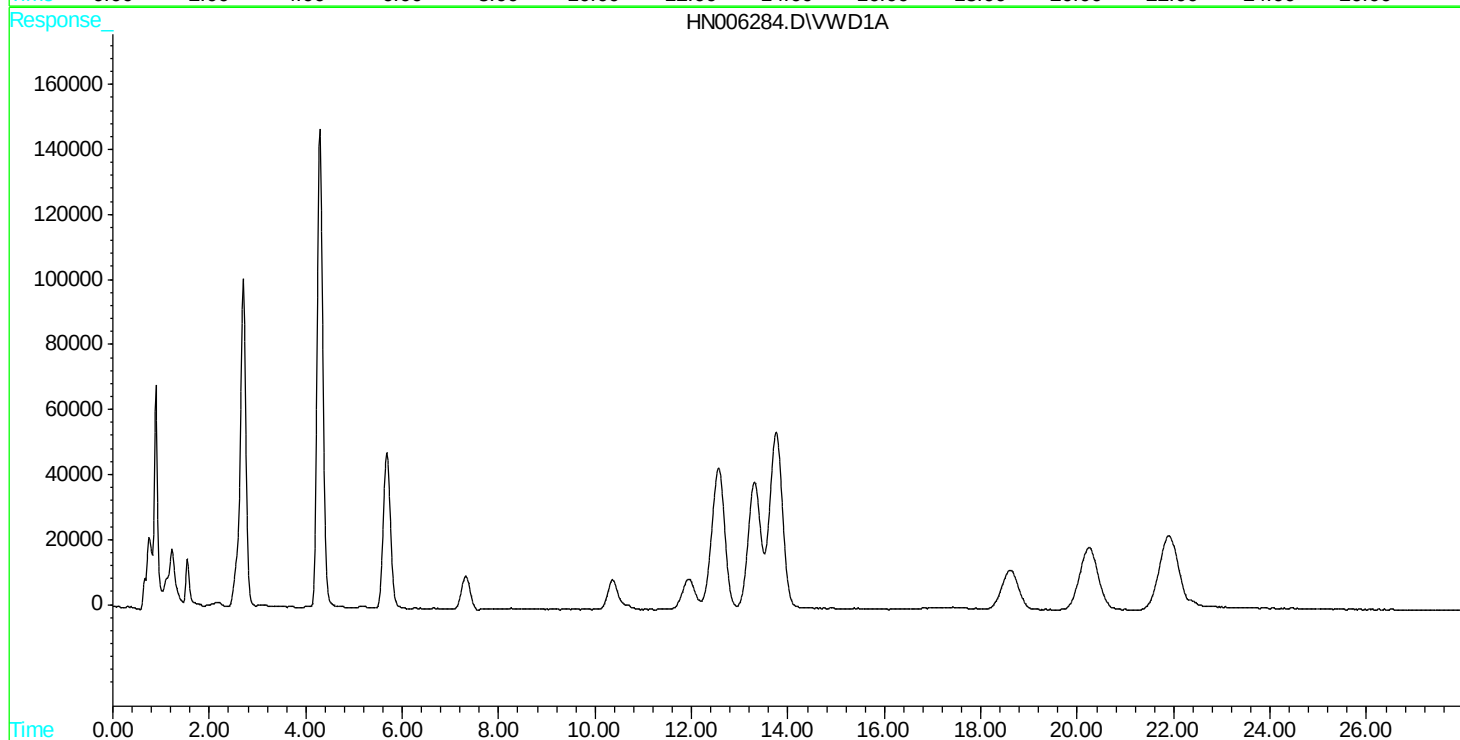
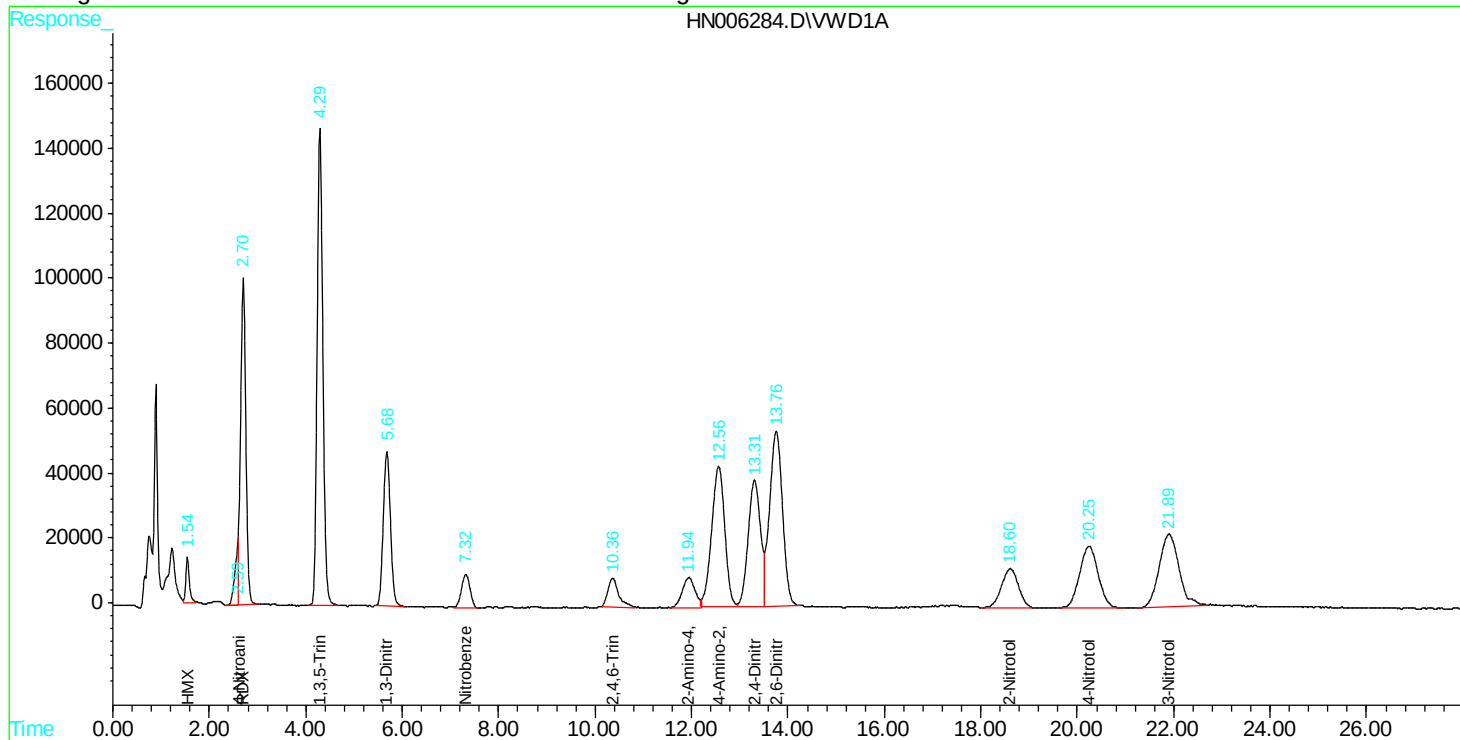
Instrument :
HPLC_N
ClientSampleId :
RR-EXP-WP

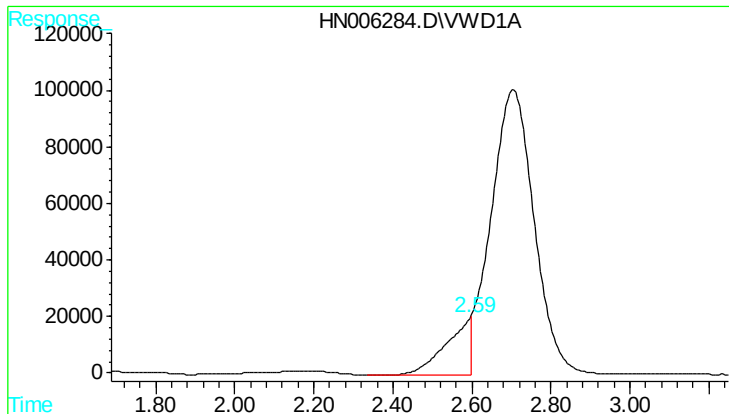
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100614.M
Title :
Last Update : Tue Oct 07 09:08:47 2014
Response via : Multiple Level Calibration
DataAcq Meth : TEST.M

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 :





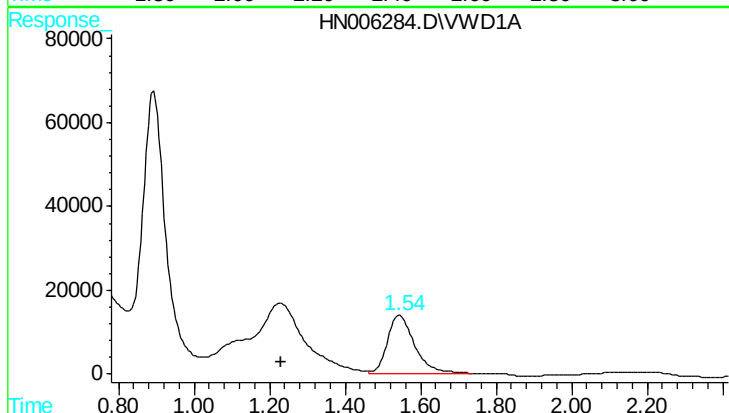
#1 4-Nitroaniline

R.T.: 2.595 min
Delta R.T.: 1.053 min
Response: 874086
Conc: 515.31 ug/L m

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-WP

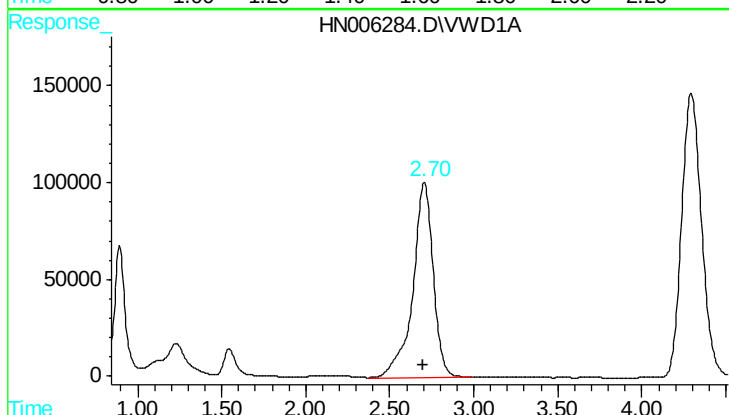
Manual Integrations
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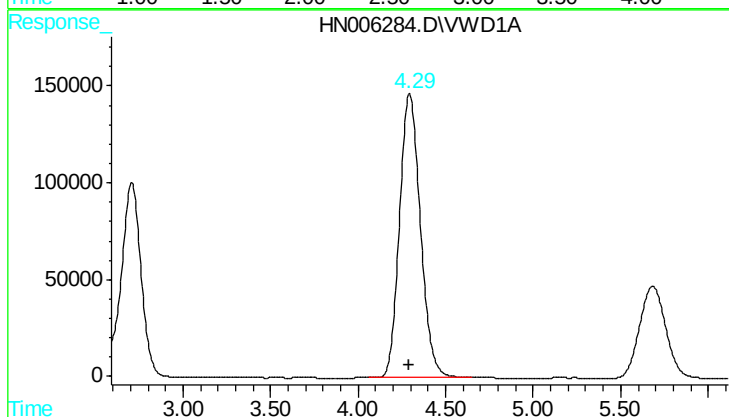
#2 HMX

R.T.: 1.542 min
Delta R.T.: 0.312 min
Response: 713667
Conc: 113.01 ug/L m



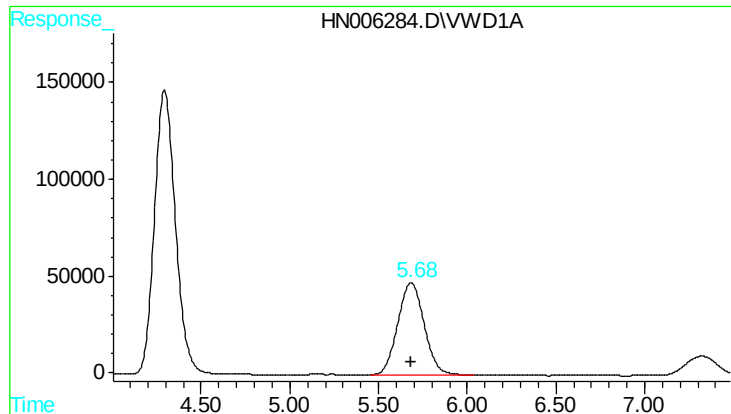
#3 RDX

R.T.: 2.706 min
Delta R.T.: 0.009 min
Response: 8522875
Conc: 671.01 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 4.295 min
Delta R.T.: 0.003 min
Response: 12110134
Conc: 783.94 ug/L



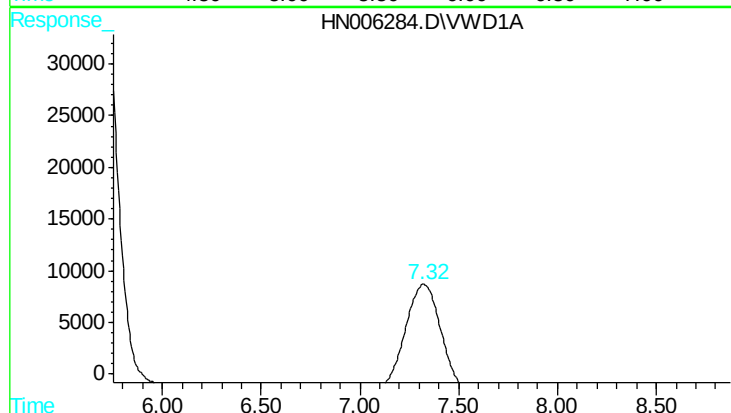
#5 1,3-Dinitrobenzene

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 4938813
Conc: 214.90 ng/ml

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-WP

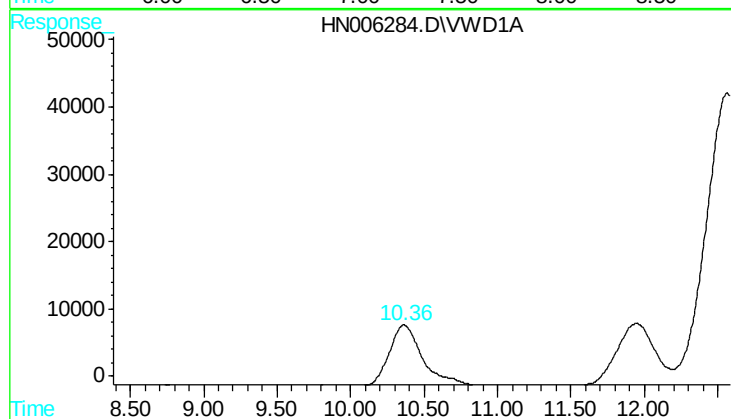
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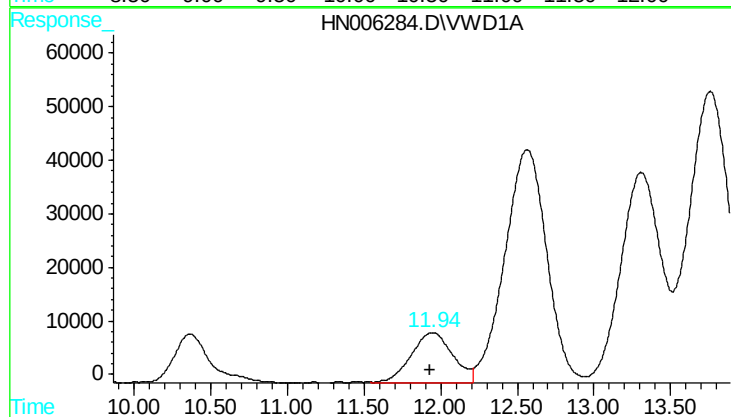
#7 Nitrobenzene

R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 1322911
Conc: 95.87 ug/L m



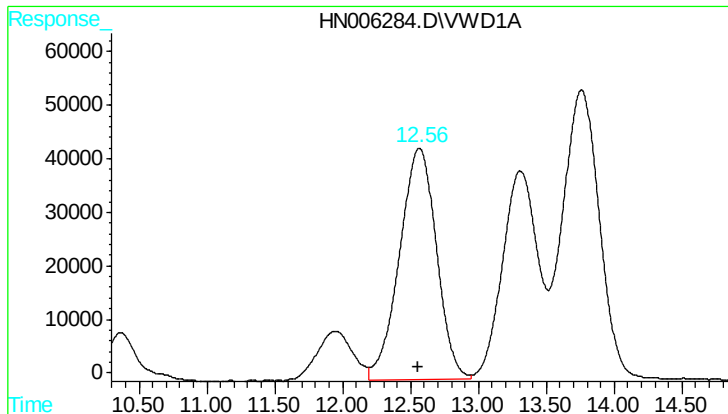
#9 2,4,6-Trinitrotoluene

R.T.: 10.361 min
Delta R.T.: 0.006 min
Response: 1391849
Conc: 100.17 ug/L m



#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.944 min
Delta R.T.: 0.012 min
Response: 1754558
Conc: 118.87 ug/L m



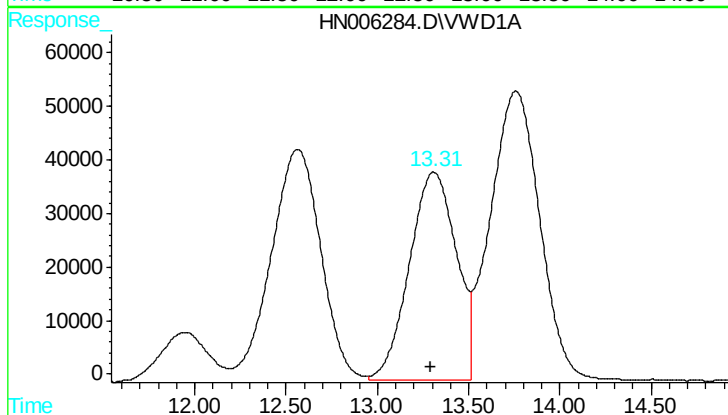
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.564 min
Delta R.T.: 0.013 min
Response: 8184602
Conc: 875.24 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-WP

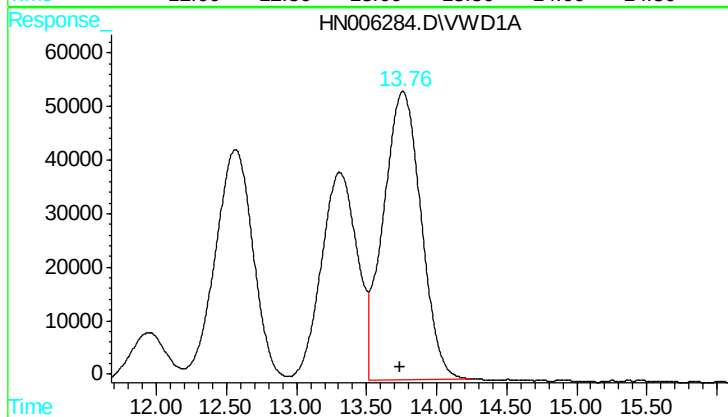
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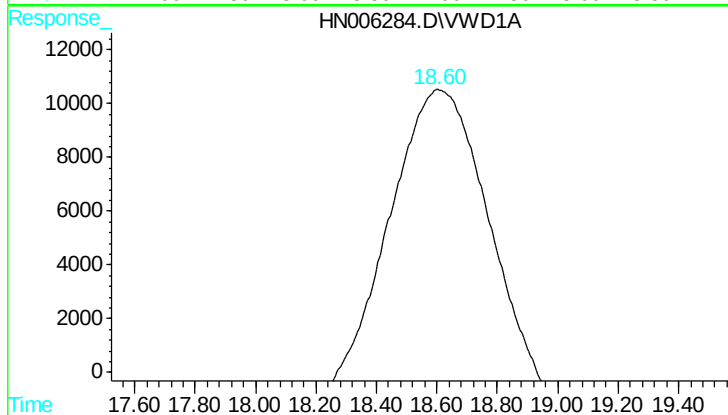
#12 2,4-Dinitrotoluene

R.T.: 13.308 min
Delta R.T.: 0.018 min
Response: 6939660
Conc: 316.26 ug/L



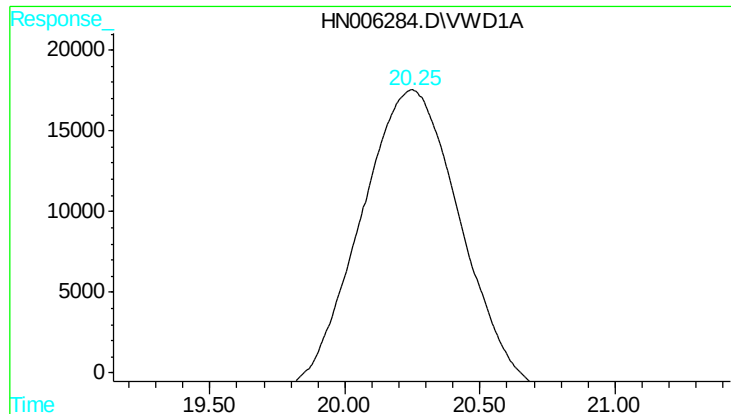
#13 2,6-Dinitrotoluene

R.T.: 13.759 min
Delta R.T.: 0.019 min
Response: 10092371
Conc: 888.37 ug/L



#14 2-Nitrotoluene

R.T.: 18.602 min
Delta R.T.: 0.021 min
Response: 2960583
Conc: 316.12 ug/L m



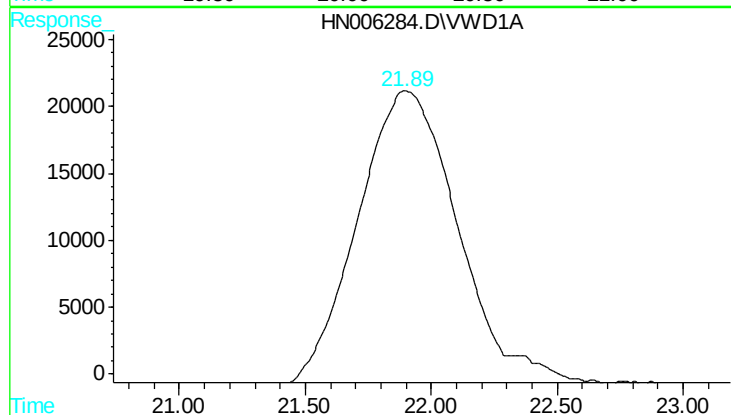
#15 4-Nitrotoluene

R.T.: 20.250 min
Delta R.T.: 0.054 min
Response: 5123759
Conc: 685.29 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-WP

Manual Integrations
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#16 3-Nitrotoluene

R.T.: 21.901 min
Delta R.T.: 0.020 min
Response: 6400373
Conc: 671.59 ug/L