

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005702.D Vial: 4
 Acq On : 11-Nov-2013, 21:29 Operator: QM
 Sample : HSTDCCC500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 12 10:44 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC500

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:03 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Nov 11 16:27:41 2013
 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	1.37	1914824	488.312 ug/L
Target Compounds			
2) T HMX	0.91	1991957	493.508 ug/L
3) T RDX	1.72	2650529	475.482 ug/L
4) T 1,3,5-Trinitrobenzene	2.81	5170502	497.109 ug/L
5) T 3,5-Dinitroaniline	3.72	8117411	480.278 ng/ml
6) T 1,3-Dinitrobenzene	4.09	6428446	465.462 ug/L
7) T Nitrobenzene	4.99	5115178	493.358 ug/L
8) T Tetryl	6.67	3501065	499.533 ug/L m
9) T 2,4,6-Trinitrotoluene	6.98	5344741	465.255 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.45	4936303	458.906 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.85	3168666	501.783 ug/L m
12) T 2,4-Dinitrotoluene	8.69	7546973	512.216 ug/L m
13) T 2,6-Dinitrotoluene	9.13	4186520	509.848 ug/L m
14) T 2-Nitrotoluene	12.55	3159225	492.935 ug/L m
15) T 4-Nitrotoluene	13.37	2632057	507.211 ug/L m
16) T 3-Nitrotoluene	14.71	9864293	501.354 ug/L m
17) T PETN	20.42	4483492	483.443 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.

HN005702.D HN111113.M

Tue Nov 12 15:26:17 2013

RPT1

Quantitation Report

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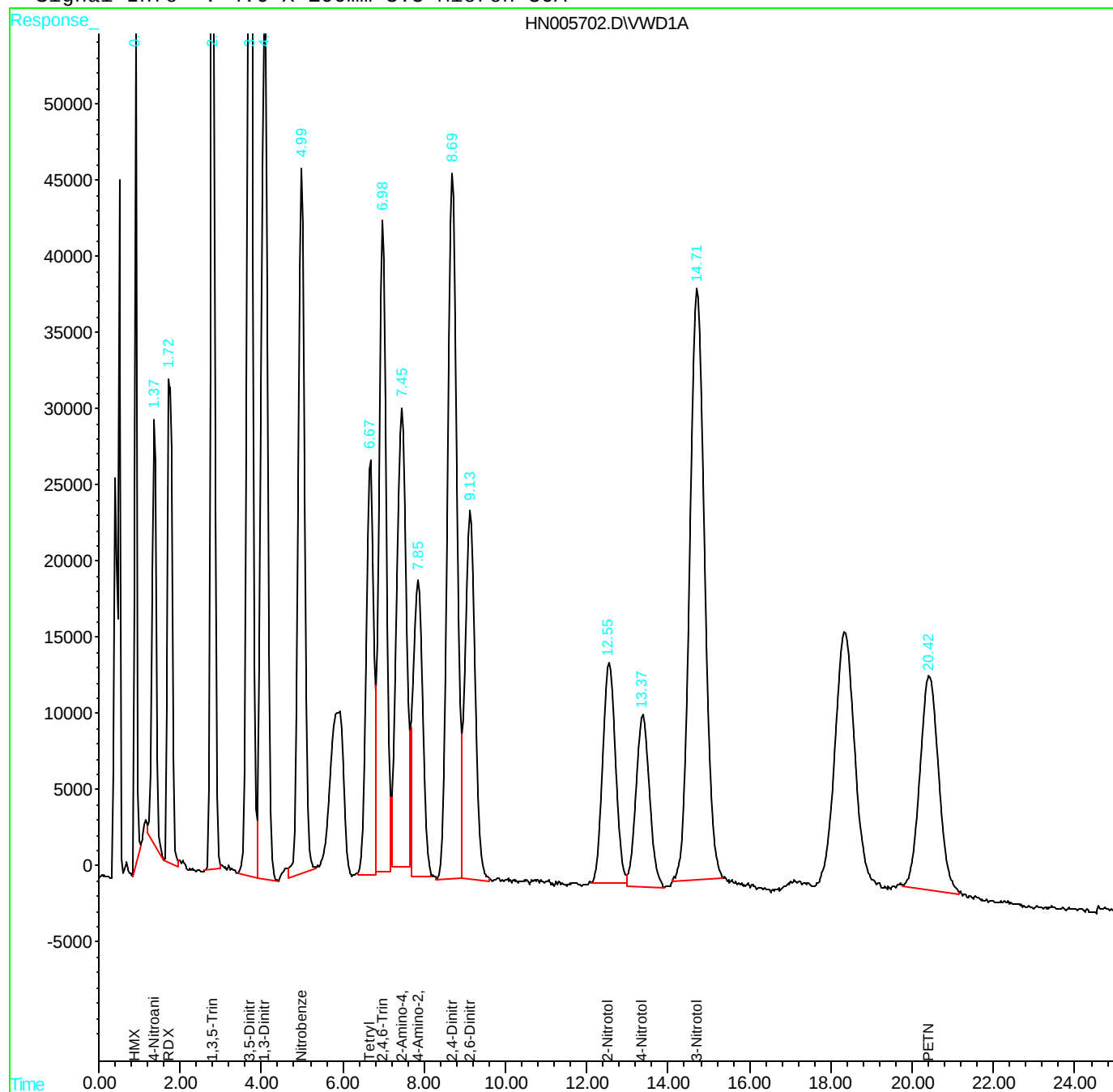
Instrument :
HPLC_N
LabSampleId :
HSTDCCC500

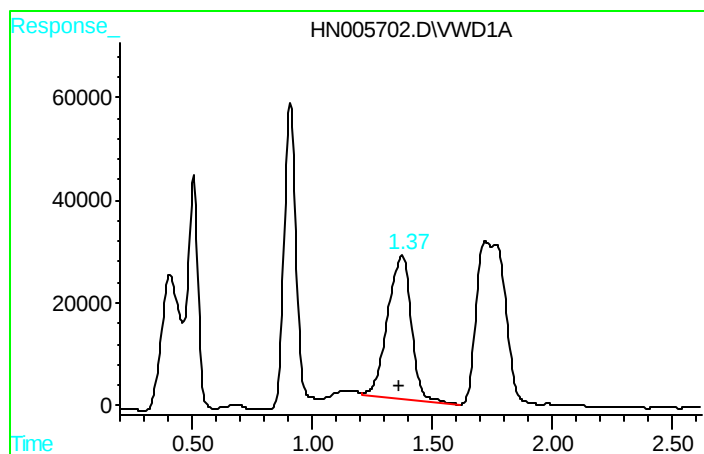
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11/12/2013 3:42:03 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
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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





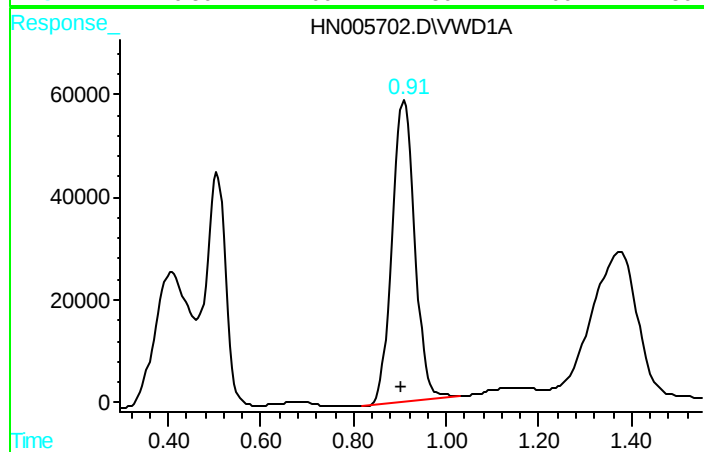
#1 4-Nitroaniline

R.T.: 1.375 min
Delta R.T.: 0.014 min
Response: 1914824
Conc: 488.31 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC500

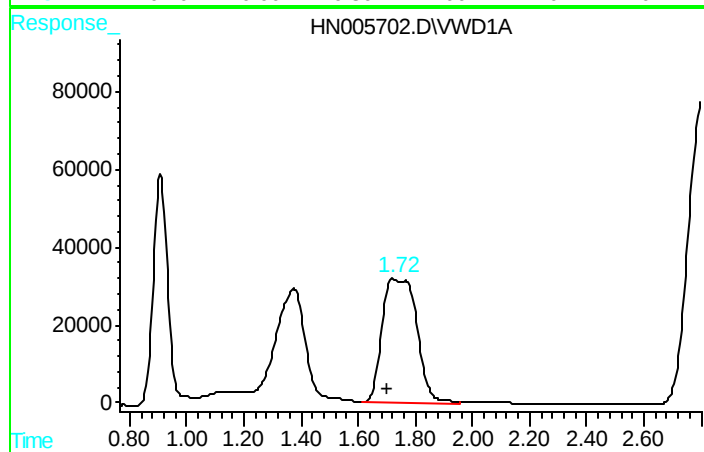
Manual Integrations
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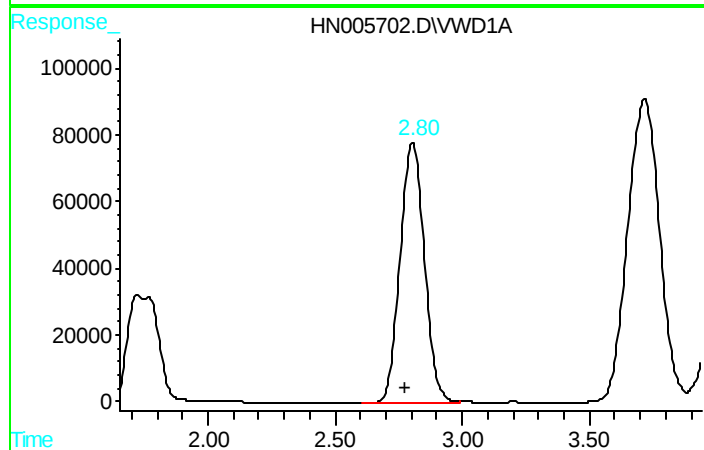
#2 HMX

R.T.: 0.910 min
Delta R.T.: 0.008 min
Response: 1991957
Conc: 493.51 ug/L



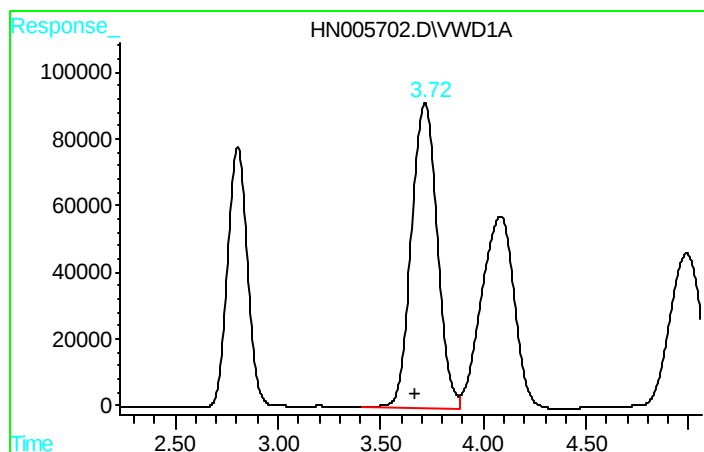
#3 RDX

R.T.: 1.724 min
Delta R.T.: 0.022 min
Response: 2650529
Conc: 475.48 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.806 min
Delta R.T.: 0.033 min
Response: 5170502
Conc: 497.11 ug/L



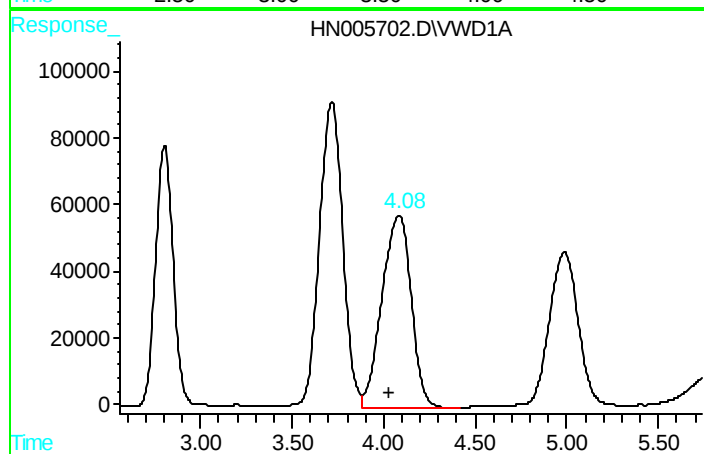
#5 3,5-Dinitroaniline

R.T.: 3.719 min
Delta R.T.: 0.048 min
Response: 8117411
Conc: 480.28 ng/ml

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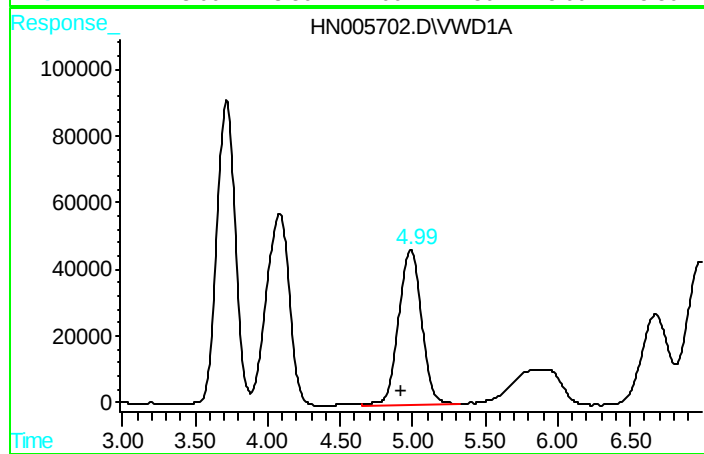
Manual Integrations
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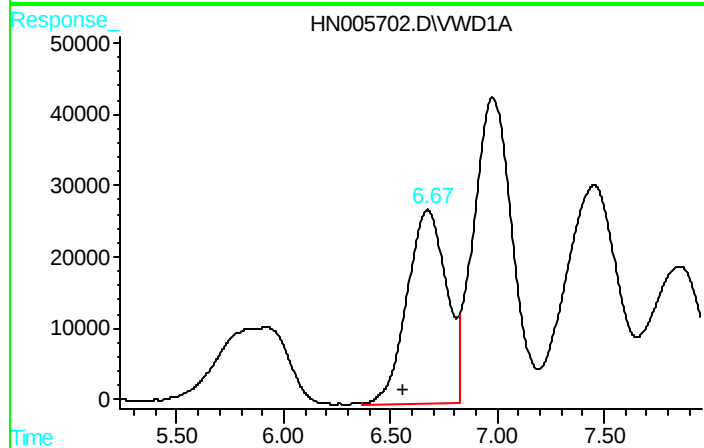
#6 1,3-Dinitrobenzene

R.T.: 4.085 min
Delta R.T.: 0.059 min
Response: 6428446
Conc: 465.46 ug/L



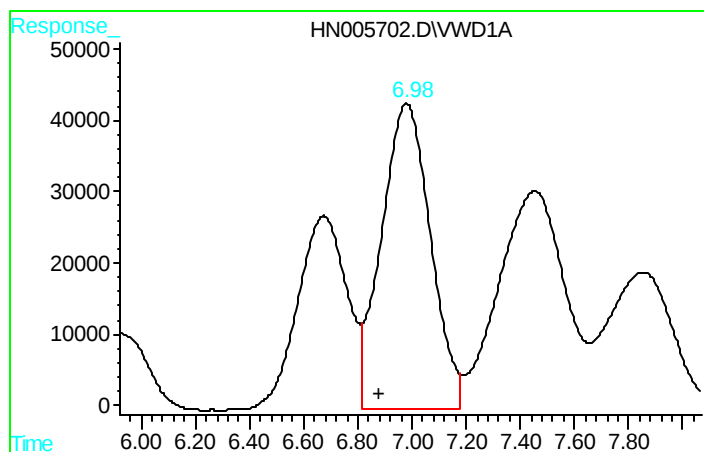
#7 Nitrobenzene

R.T.: 4.987 min
Delta R.T.: 0.065 min
Response: 5115178
Conc: 493.36 ug/L



#8 Tetryl

R.T.: 6.673 min
Delta R.T.: 0.116 min
Response: 3501065
Conc: 499.53 ug/L m



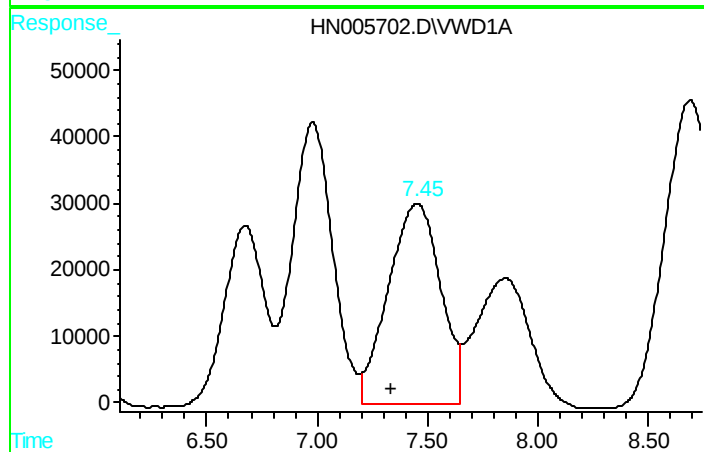
#9 2,4,6-Trinitrotoluene

R.T.: 6.979 min
Delta R.T.: 0.101 min
Response: 5344741
Conc: 465.25 ug/L m

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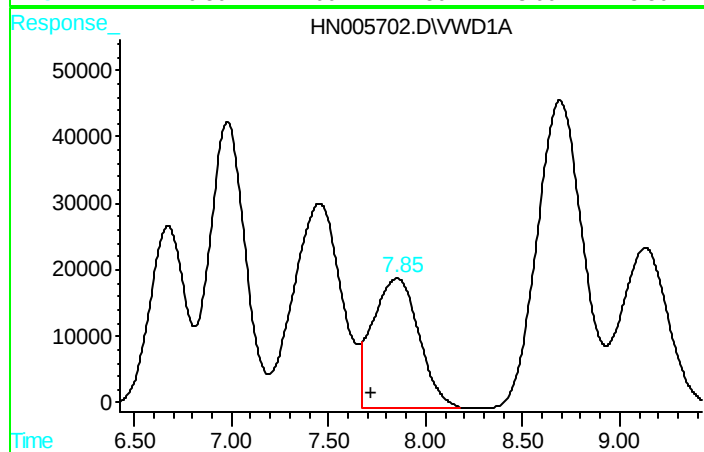
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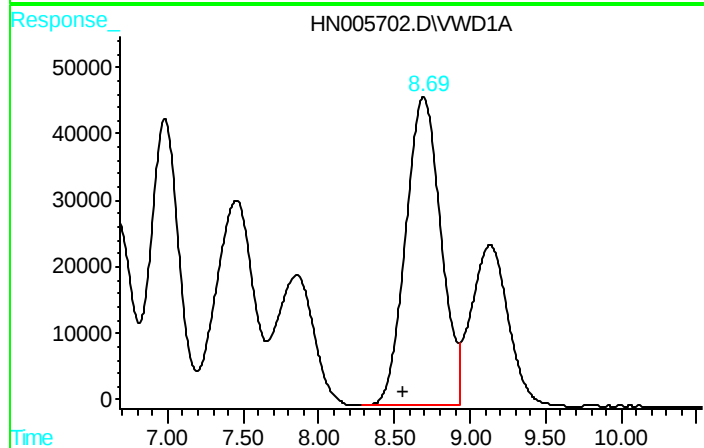
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.452 min
Delta R.T.: 0.118 min
Response: 4936303
Conc: 458.91 ug/L m



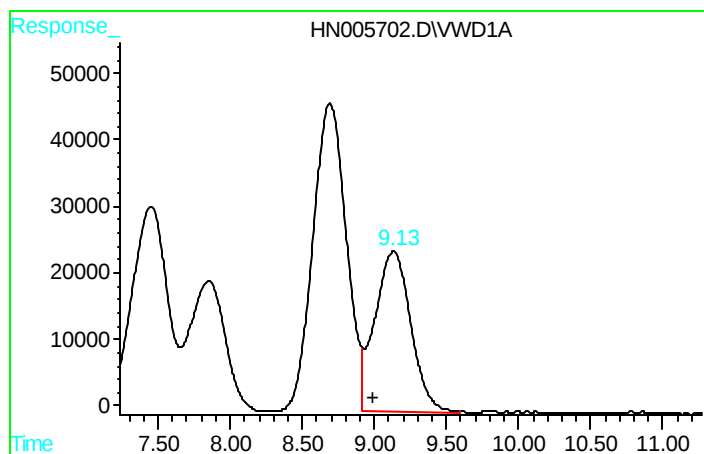
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.854 min
Delta R.T.: 0.130 min
Response: 3168666
Conc: 501.78 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.689 min
Delta R.T.: 0.127 min
Response: 7546973
Conc: 512.22 ug/L m



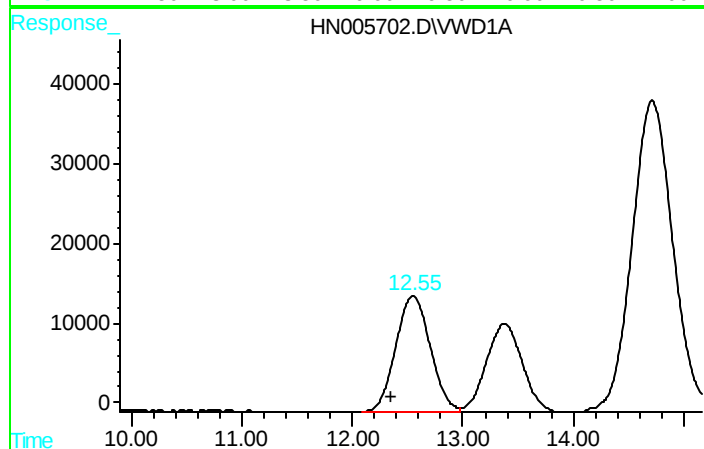
#13 2,6-Dinitrotoluene

R.T.: 9.131 min
Delta R.T.: 0.144 min
Response: 4186520
Conc: 509.85 ug/L m

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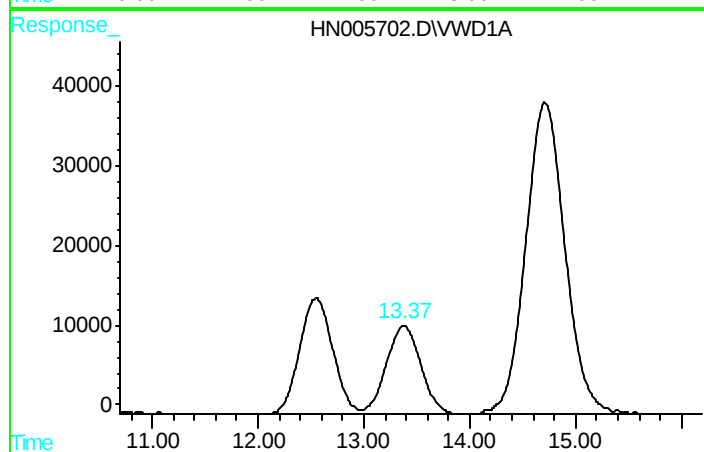
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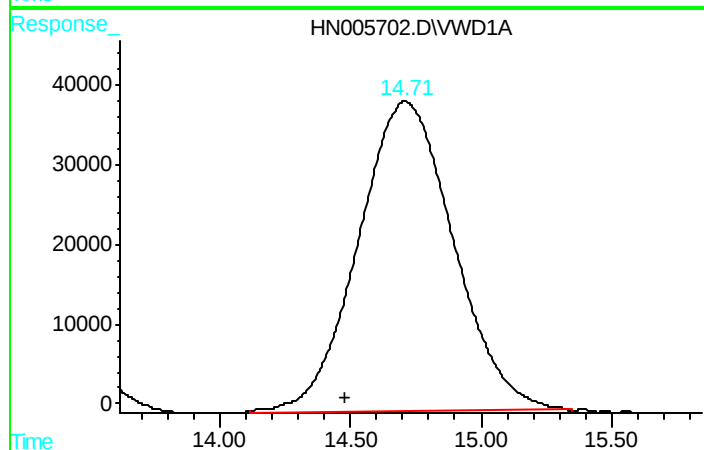
#14 2-Nitrotoluene

R.T.: 12.545 min
Delta R.T.: 0.192 min
Response: 3159225
Conc: 492.94 ug/L m



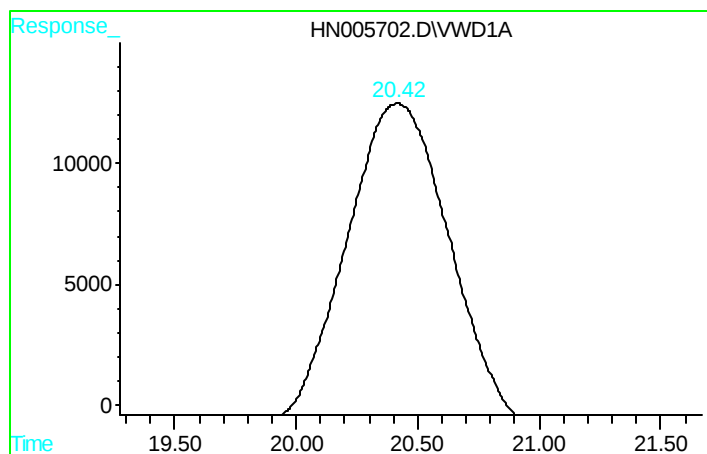
#15 4-Nitrotoluene

R.T.: 13.375 min
Delta R.T.: 0.221 min
Response: 2632057
Conc: 507.21 ug/L m



#16 3-Nitrotoluene

R.T.: 14.708 min
Delta R.T.: 0.228 min
Response: 9864293
Conc: 501.35 ug/L m



#17 PETN

R.T.: 20.415 min
Delta R.T.: 0.351 min
Response: 4483492
Conc: 483.44 ug/L m

Instrument :

HPLC_N

LabSampleId :

HSTDCCC500

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