

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005688.D Vial: 1
 Acq On : 11-Nov-2013, 14:07 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 16:17 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:29 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Jul 22 14:51:19 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	1.36	20831070	5643.253 ug/L
Target Compounds			
2) T HMX	0.90	20072828	4999.590 ug/L
3) T RDX	1.68	26956378	4928.044 ug/L
4) T 1,3,5-Trinitrobenzene	2.78	50305334	4838.378 ug/L
5) T 3,5-Dinitroaniline	3.68	82548766	5118.480 ng/ml
6) T 1,3-Dinitrobenzene	4.04	63754684	5023.312 ug/L
7) T Nitrobenzene	4.92	51237296	5027.282 ug/L
8) T Tetryl	6.57	29067159	4233.845 ug/L
9) T 2,4,6-Trinitrotoluene	6.88	59276457	5218.631 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.36	56719840	5197.998 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.75	26341856	4491.975 ug/L
12) T 2,4-Dinitrotoluene	8.57	77008647	5214.641 ug/L
13) T 2,6-Dinitrotoluene	9.00	38504256	4884.521 ug/L
14) T 2-Nitrotoluene	12.35	32623162	5099.073 ug/L
15) T 4-Nitrotoluene	13.16	26668449	4945.972 ug/L
16) T 3-Nitrotoluene	14.48	89602524	13064.633 ug/L m
17) T PETN	20.07	44718548	5164.209 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.

Quantitation Report

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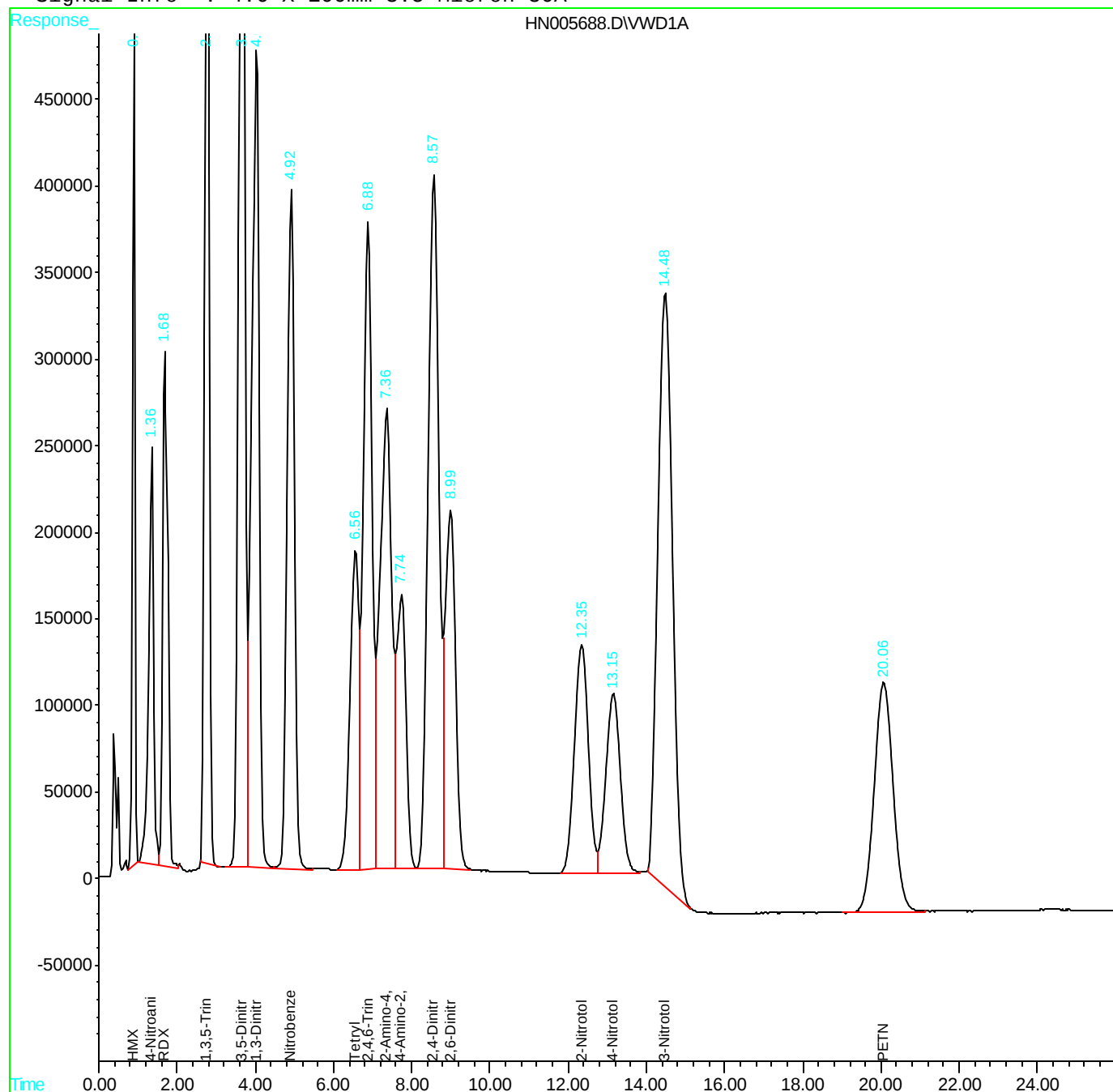
Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

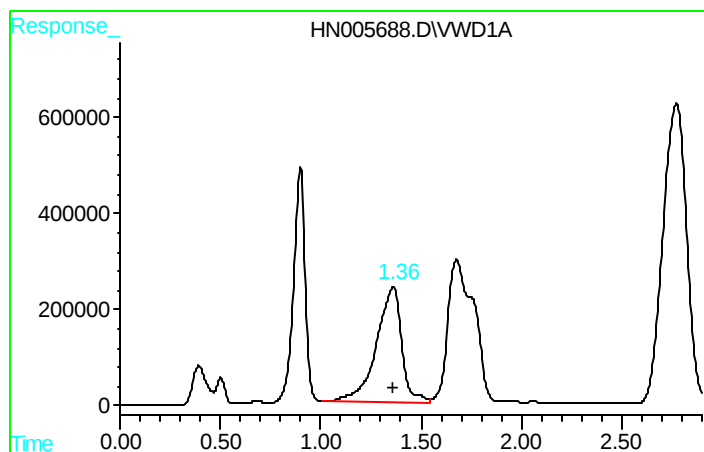
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A





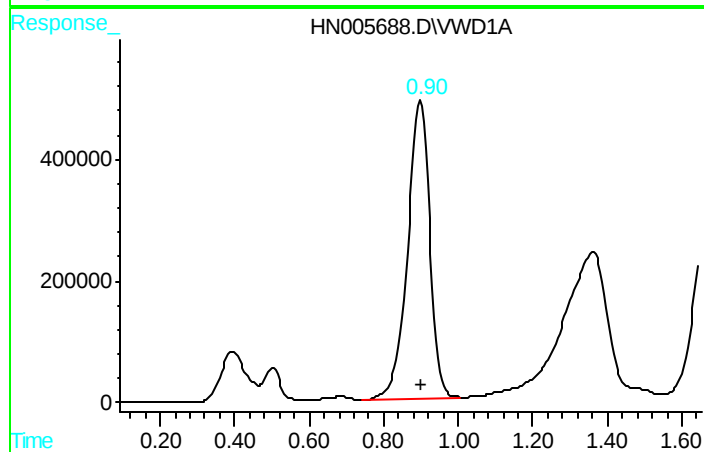
#1 4-Nitroaniline

R.T.: 1.362 min
 Delta R.T.: 0.002 min
 Response: 20831070
 Conc: 5643.25 ug/L

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

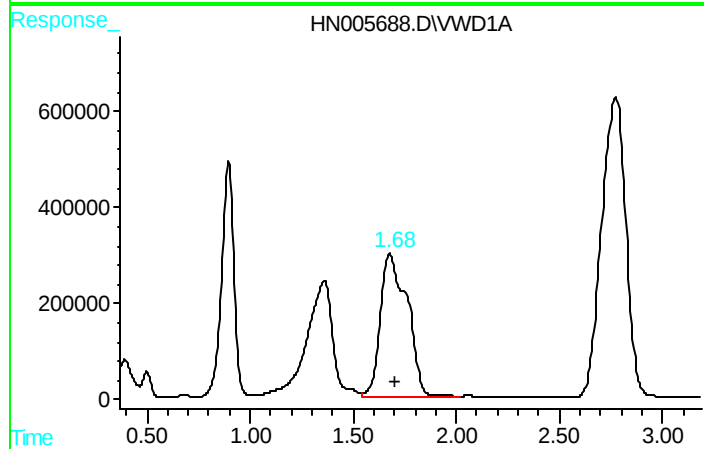
Manual Integrations
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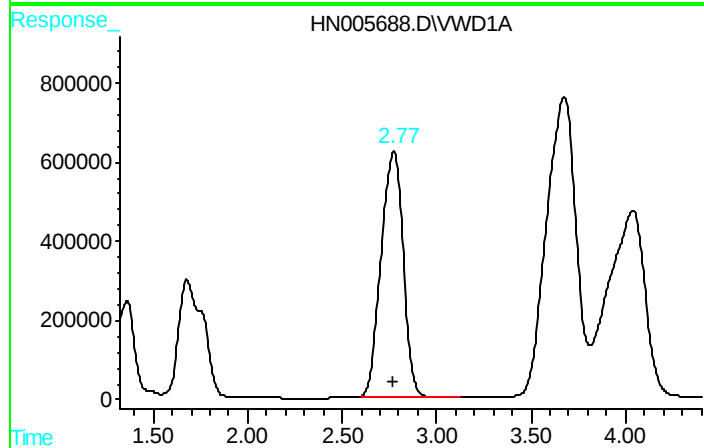
#2 HMX

R.T.: 0.899 min
 Delta R.T.: -0.003 min
 Response: 20072828
 Conc: 4999.59 ug/L



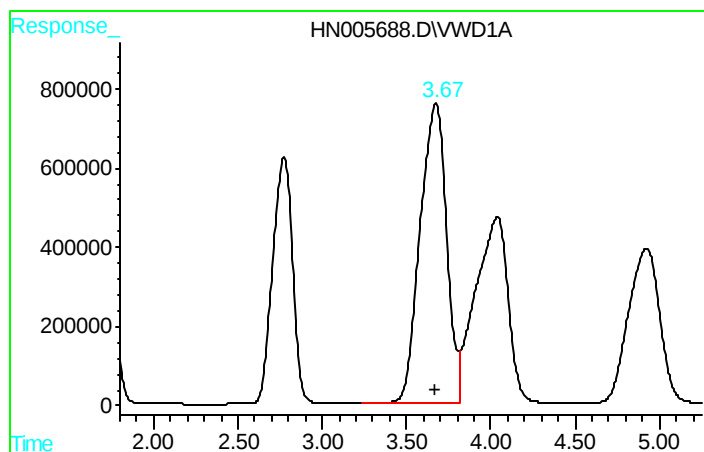
#3 RDX

R.T.: 1.680 min
 Delta R.T.: -0.022 min
 Response: 26956378
 Conc: 4928.04 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.775 min
 Delta R.T.: 0.002 min
 Response: 50305334
 Conc: 4838.38 ug/L



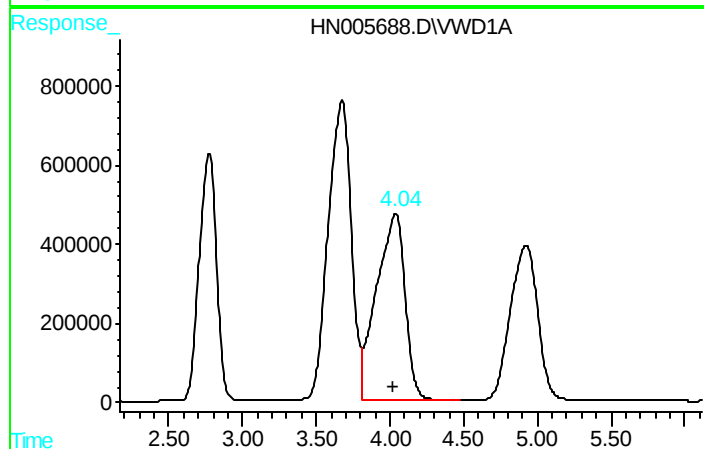
#5 3,5-Dinitroaniline

R.T.: 3.676 min
Delta R.T.: 0.006 min
Response: 82548766
Conc: 5118.48 ng/ml

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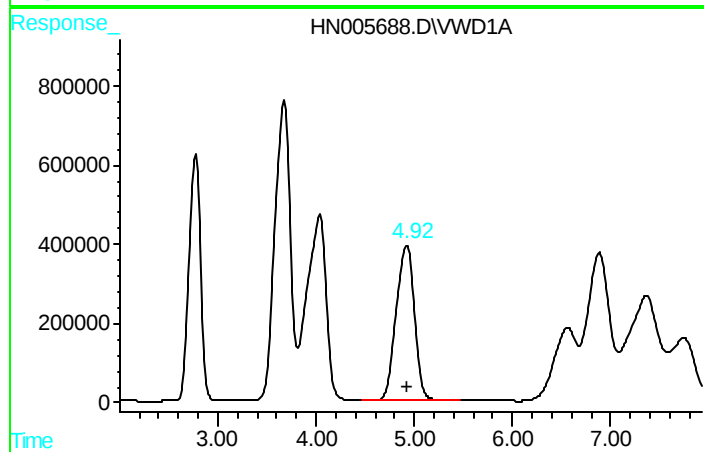
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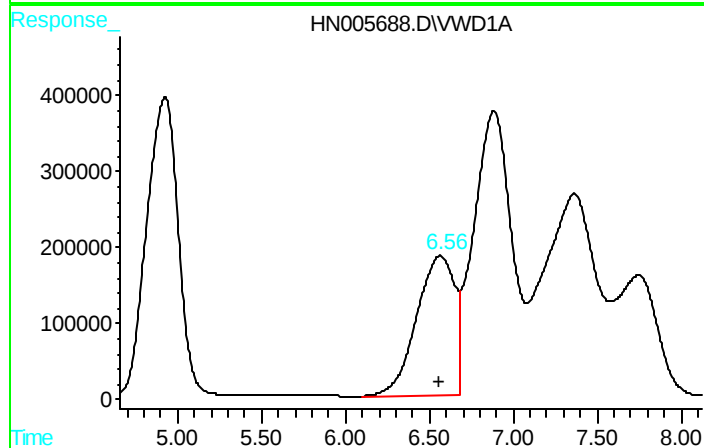
#6 1,3-Dinitrobenzene

R.T.: 4.039 min
Delta R.T.: 0.013 min
Response: 63754684
Conc: 5023.31 ug/L



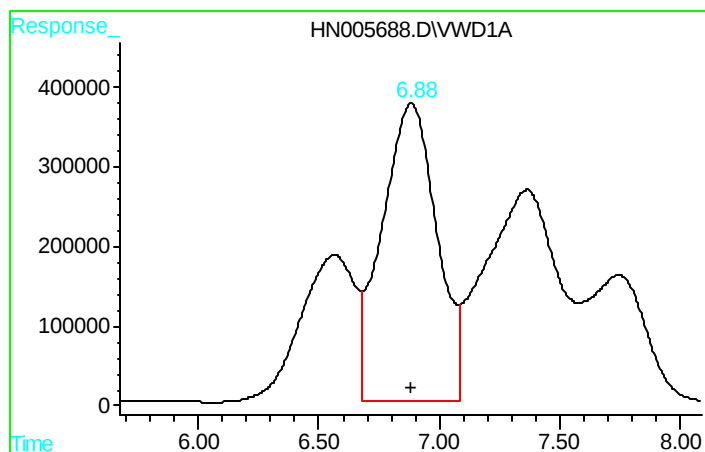
#7 Nitrobenzene

R.T.: 4.925 min
Delta R.T.: 0.003 min
Response: 51237296
Conc: 5027.28 ug/L



#8 Tetryl

R.T.: 6.565 min
Delta R.T.: 0.007 min
Response: 29067159
Conc: 4233.85 ug/L



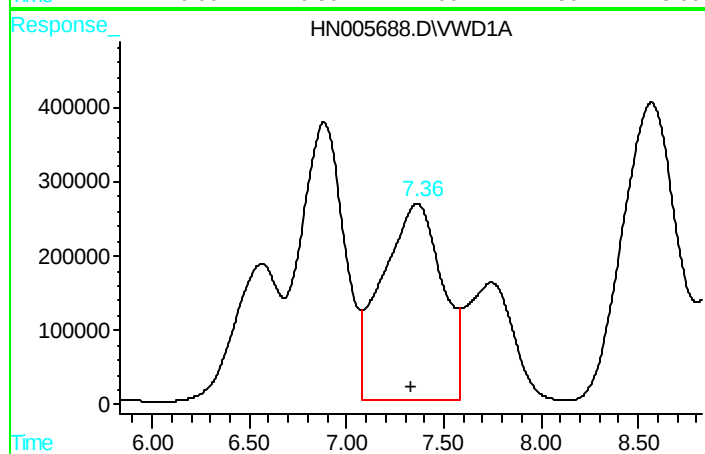
#9 2,4,6-Trinitrotoluene

R.T.: 6.885 min
Delta R.T.: 0.006 min
Response: 59276457
Conc: 5218.63 ug/L

Instrument :
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HSTDICC5000

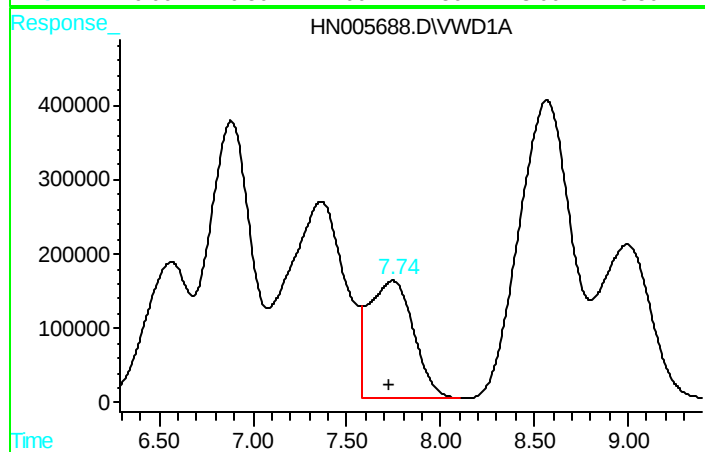
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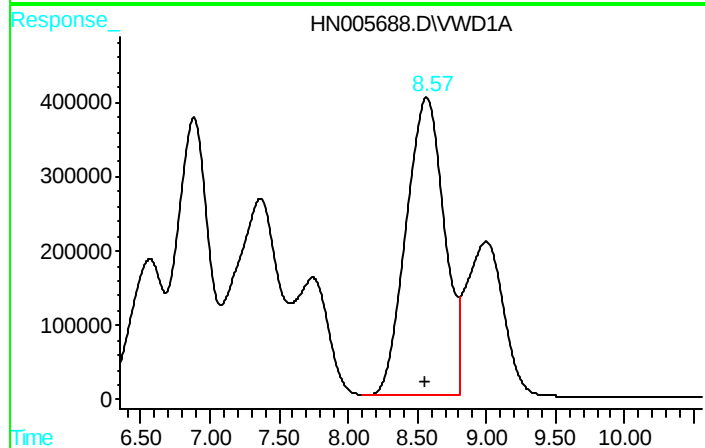
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.364 min
Delta R.T.: 0.030 min
Response: 56719840
Conc: 5198.00 ug/L



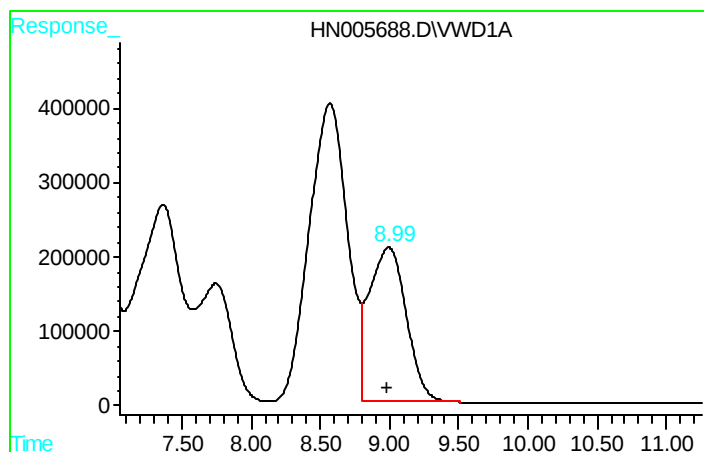
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.745 min
Delta R.T.: 0.021 min
Response: 26341856
Conc: 4491.98 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.568 min
Delta R.T.: 0.006 min
Response: 77008647
Conc: 5214.64 ug/L



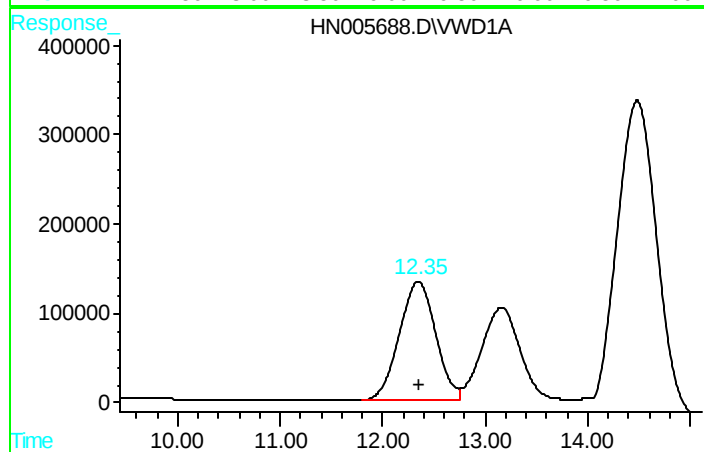
#13 2,6-Dinitrotoluene

R.T.: 8.996 min
Delta R.T.: 0.009 min
Response: 38504256
Conc: 4884.52 ug/L

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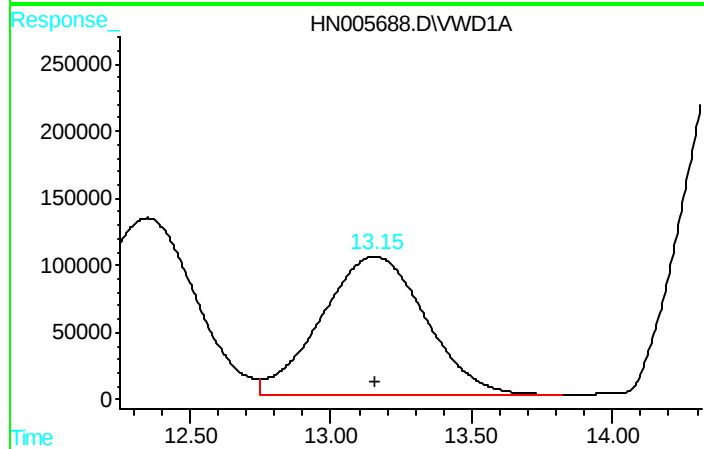
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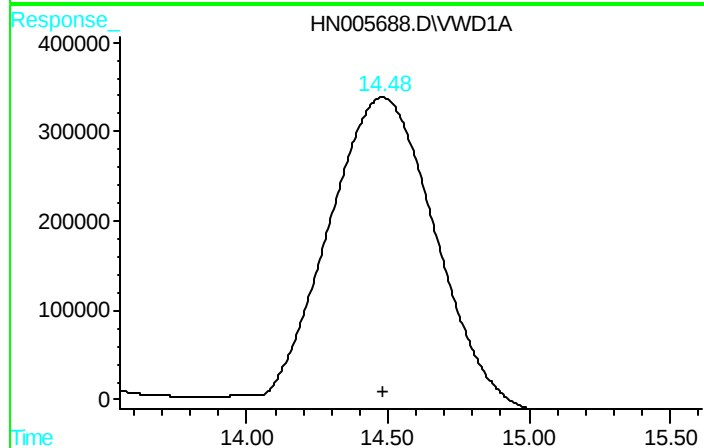
#14 2-Nitrotoluene

R.T.: 12.349 min
Delta R.T.: -0.004 min
Response: 32623162
Conc: 5099.07 ug/L



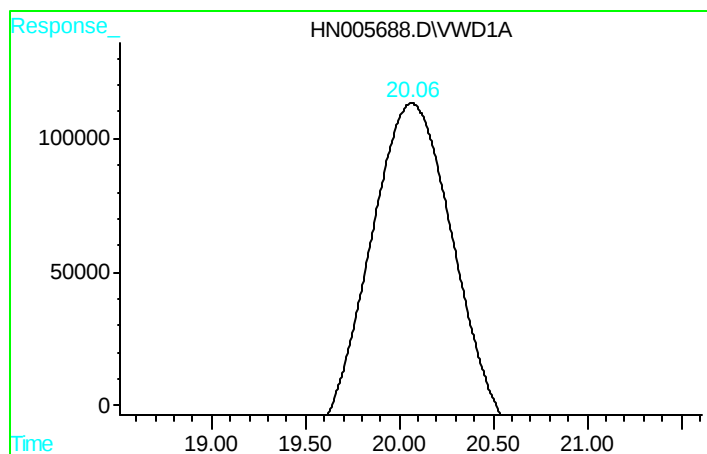
#15 4-Nitrotoluene

R.T.: 13.156 min
Delta R.T.: 0.002 min
Response: 26668449
Conc: 4945.97 ug/L



#16 3-Nitrotoluene

R.T.: 14.482 min
Delta R.T.: 0.002 min
Response: 89602524
Conc: 13064.63 ug/L m



#17 PETN

R.T.: 20.066 min
Delta R.T.: 0.002 min
Response: 44718548
Conc: 5164.21 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

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