

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005795.D Vial: 21
 Acq On : 21-Jan-2014, 17:39 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 12:45 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

QI
 1/24/2014 3:22:06 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 12:45:07 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	1.30	17502271	4767.531 ug/L
Target Compounds			
2) T HMX	0.87	19474654	4736.884 ug/L
3) T RDX	1.68	29790068	5343.549 ug/L
4) T 1,3,5-Trinitrobenzene	2.61	51831278	4949.186 ug/L
5) T 1,3-Dinitrobenzene	3.46	80699821	5002.349 ng/ml
6) T 3,5-Dinitroaniline	3.81	60610016	4842.754 ug/L
7) T Nitrobenzene	4.61	51080013	4983.006 ug/L
8) T Tetryl	6.05	32634303	4732.625 ug/L
9) T 2,4,6-Trinitrotoluene	6.35	52884993	5061.405 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.85	61478386	5578.165 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.15	22236816	3542.035 ug/L
12) T 2,4-Dinitrotoluene	7.91	78202760	5281.144 ug/L
13) T 2,6-Dinitrotoluene	8.28	37394394	4591.501 ug/L
14) T 2-Nitrotoluene	11.35	31653946	4940.769 ug/L
15) T 4-Nitrotoluene	12.08	25953458	5004.273 ug/L
16) T 3-Nitrotoluene	13.30	33156460	4918.941 ug/L
17) T PETN	18.40	40377423	4847.421 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.

HN005795.D HN012114.M Sat Jan 25 00:54:48 2014

RPT1

Quantitation Report

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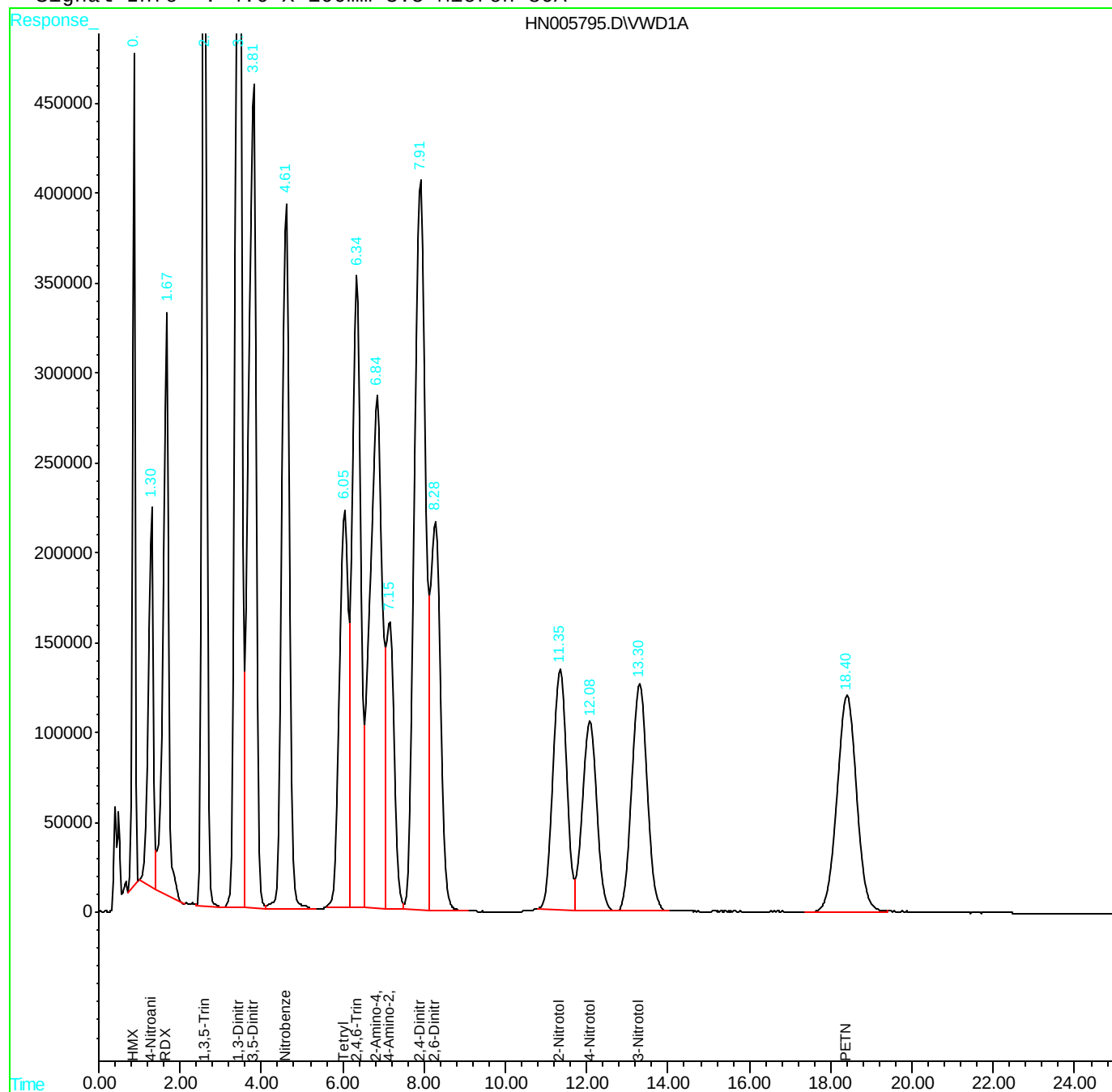
Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

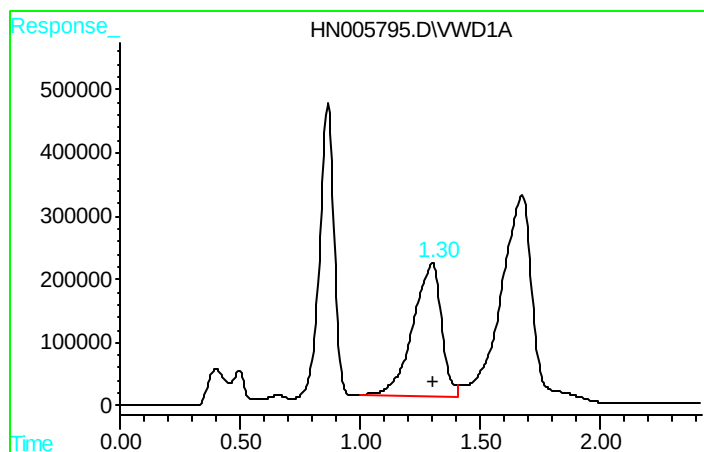
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1/24/2014 3:22:06 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 12:45:07 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





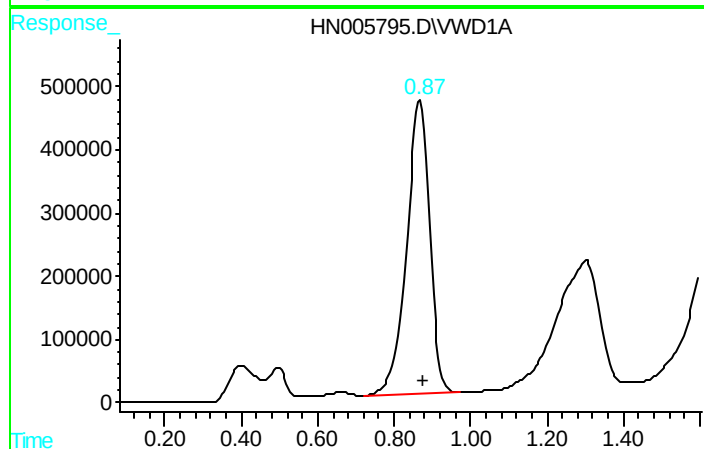
#1 4-Nitroaniline

R.T.: 1.302 min
Delta R.T.: -0.003 min
Response: 17502271
Conc: 4767.53 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

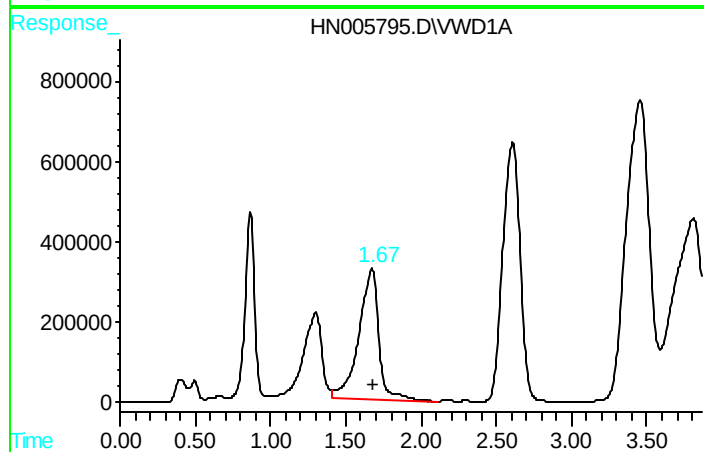
Manual Integrations
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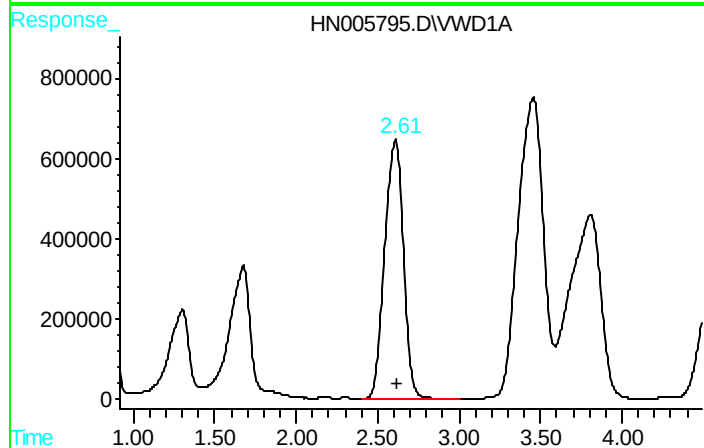
#2 HMX

R.T.: 0.868 min
Delta R.T.: -0.006 min
Response: 19474654
Conc: 4736.88 ug/L



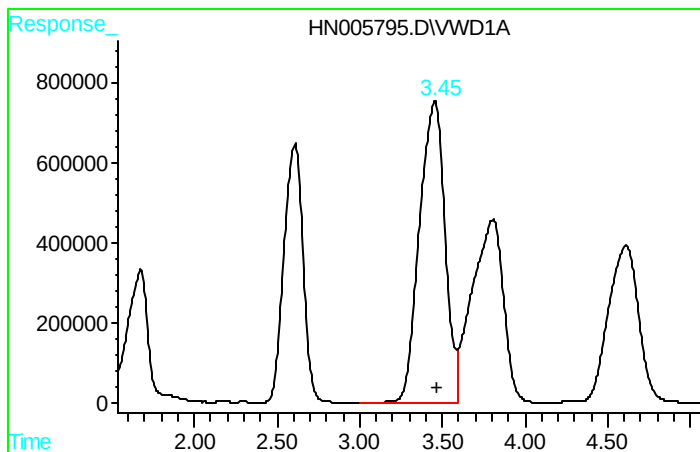
#3 RDX

R.T.: 1.675 min
Delta R.T.: -0.004 min
Response: 29790068
Conc: 5343.55 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.610 min
Delta R.T.: -0.013 min
Response: 51831278
Conc: 4949.19 ug/L



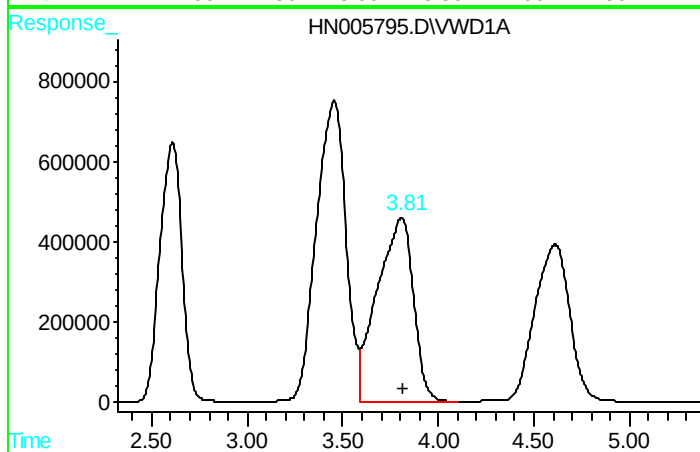
#5 1,3-Dinitrobenzene

R.T.: 3.455 min
Delta R.T.: -0.014 min
Response: 80699821
Conc: 5002.35 ng/ml

Instrument :
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LabSampleId :
HSTDICC5000

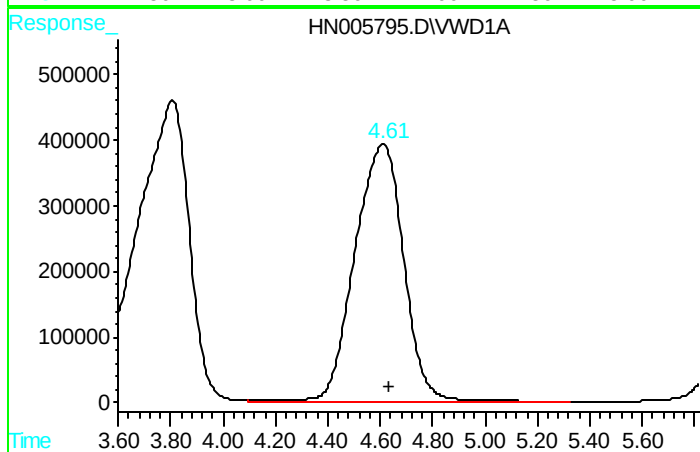
Manual Integrations
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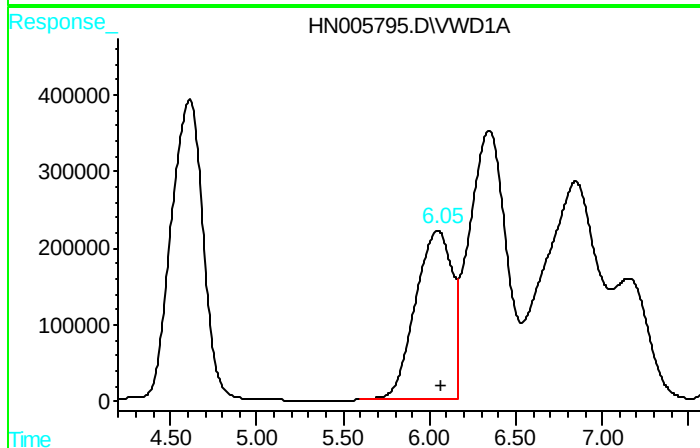
#6 3,5-Dinitroaniline

R.T.: 3.808 min
Delta R.T.: -0.009 min
Response: 60610016
Conc: 4842.75 ug/L



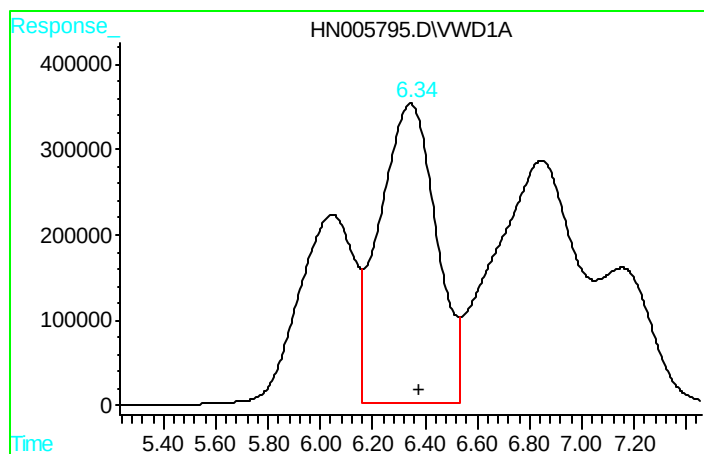
#7 Nitrobenzene

R.T.: 4.612 min
Delta R.T.: -0.019 min
Response: 51080013
Conc: 4983.01 ug/L



#8 Tetryl

R.T.: 6.047 min
Delta R.T.: -0.024 min
Response: 32634303
Conc: 4732.62 ug/L



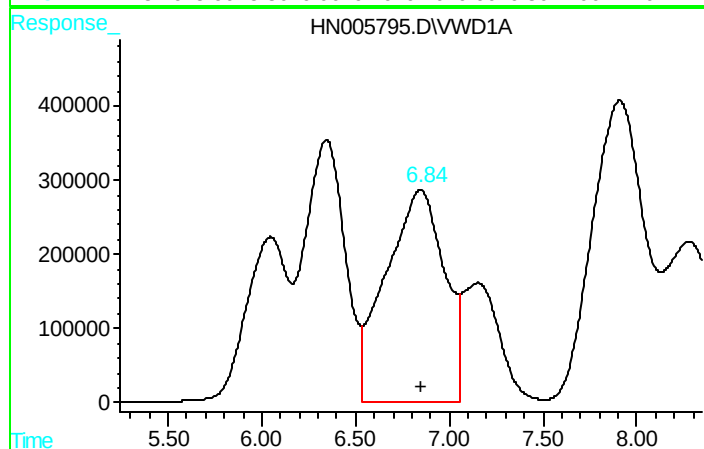
#9 2,4,6-Trinitrotoluene

R.T.: 6.346 min
Delta R.T.: -0.028 min
Response: 52884993
Conc: 5061.40 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

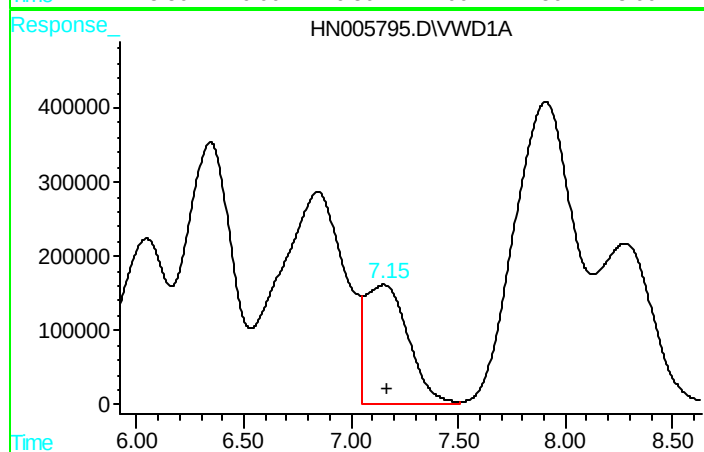
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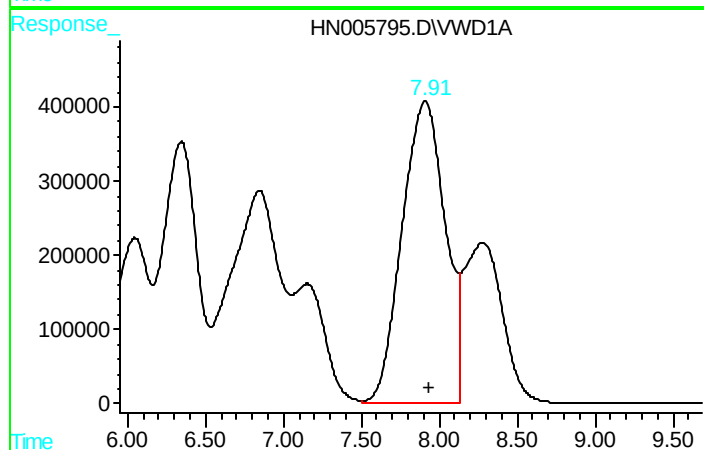
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 61478386
Conc: 5578.17 ug/L



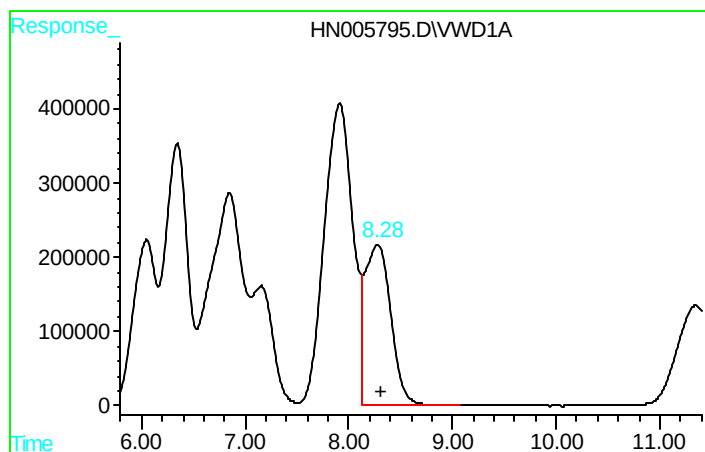
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.153 min
Delta R.T.: -0.016 min
Response: 22236816
Conc: 3542.04 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.910 min
Delta R.T.: -0.029 min
Response: 78202760
Conc: 5281.14 ug/L



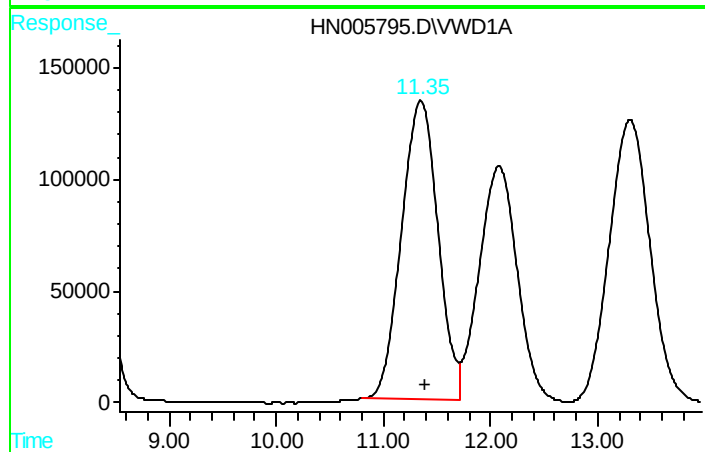
#13 2,6-Dinitrotoluene

R.T.: 8.280 min
 Delta R.T.: -0.035 min
 Response: 37394394
 Conc: 4591.50 ug/L

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 LabSampleId :
 HSTDICC5000

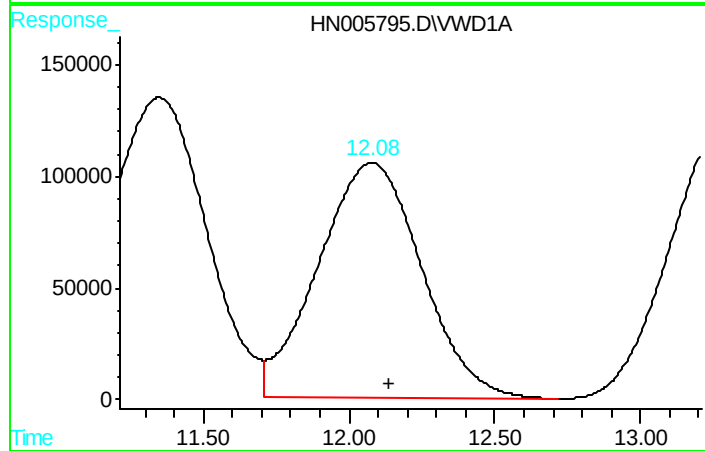
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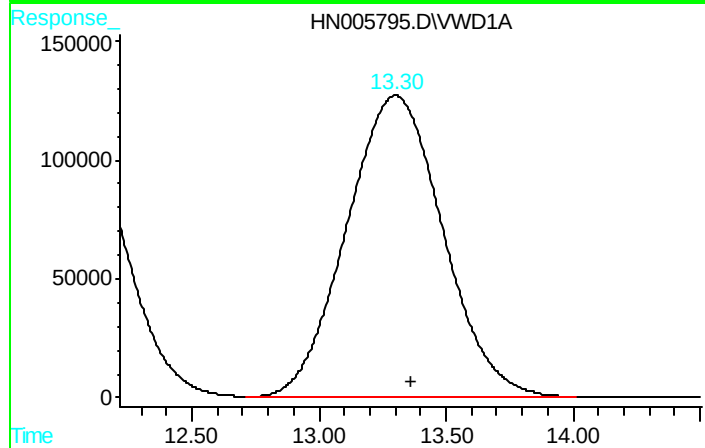
#14 2-Nitrotoluene

R.T.: 11.350 min
 Delta R.T.: -0.041 min
 Response: 31653946
 Conc: 4940.77 ug/L



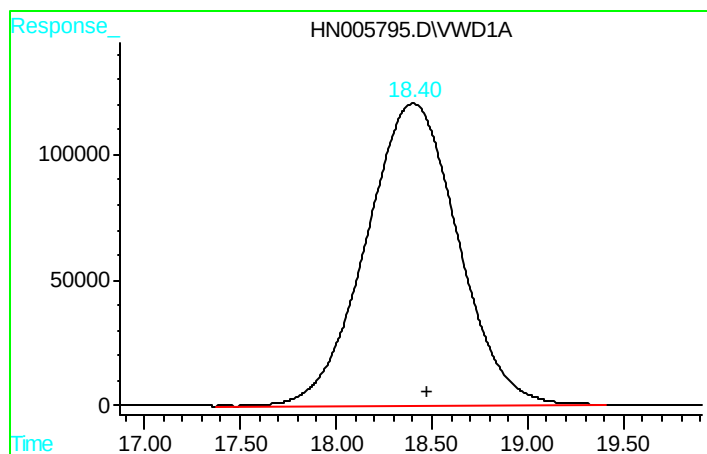
#15 4-Nitrotoluene

R.T.: 12.078 min
 Delta R.T.: -0.055 min
 Response: 25953458
 Conc: 5004.27 ug/L



#16 3-Nitrotoluene

R.T.: 13.302 min
 Delta R.T.: -0.057 min
 Response: 33156460
 Conc: 4918.94 ug/L



#17 PETN

R.T.: 18.403 min
Delta R.T.: -0.066 min
Response: 40377423
Conc: 4847.42 ug/L

Instrument :

HPLC_N

LabSampleId :

HSTDICC5000

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