

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005673.D Vial: 1
 Acq On : 08-Nov-2013, 17:53 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 11:49 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

QI
 11/11/2013 6:42:04 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.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	1.29	18228240	4448.426 ug/L m
Target Compounds			
2) T HMX	0.86	20317677	4639.210 ug/L
3) T RDX	1.61	25787726	4863.819 ug/L
4) T 1,3,5-Trinitrobenzene	2.61	52336638	4877.931 ug/L
5) T 3,5-Dinitroaniline	3.44	81877866	5289.166 ng/ml
6) T 1,3-Dinitrobenzene	3.77	60627652	4790.713 ug/L
7) T Nitrobenzene	4.60	50136892	5144.060 ug/L
8) T Tetryl	5.98	36220946	7287.285 ug/L
9) T 2,4,6-Trinitrotoluene	6.33	59077498	4966.851 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.76	57797938	5498.128 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.07	23859692	3991.826 ug/L
12) T 2,4-Dinitrotoluene	7.86	76784429	5295.704 ug/L
13) T 2,6-Dinitrotoluene	8.23	37447432	4752.225 ug/L m
14) T 2-Nitrotoluene	11.30	32454835	5123.054 ug/L
15) T 4-Nitrotoluene	12.02	25862505	4674.048 ug/L m
16) T 3-Nitrotoluene	13.24	32851983	4686.260 ug/L m
17) T PETN	18.23	43582402	5089.807 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.

Quantitation Report

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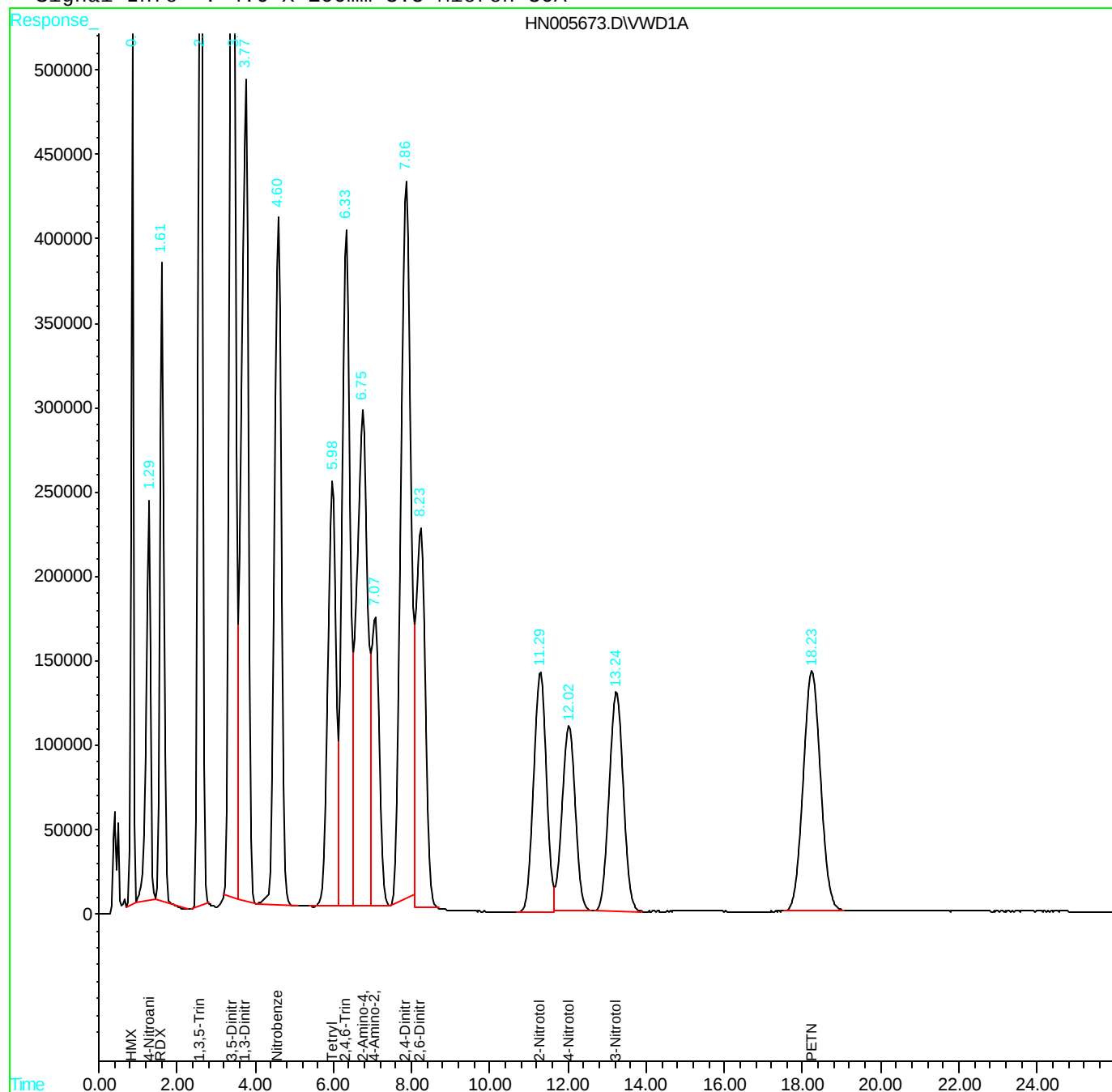
Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

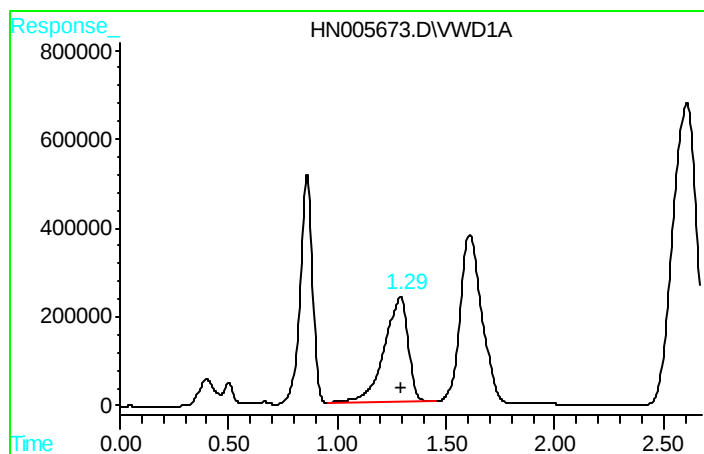
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





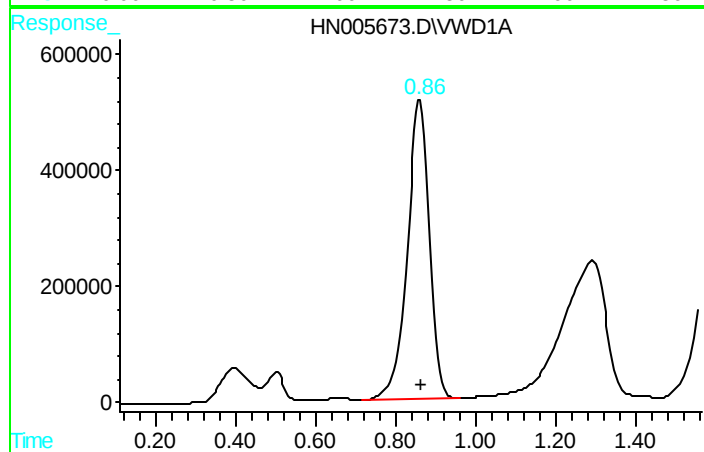
#1 4-Nitroaniline

R.T.: 1.291 min
Delta R.T.: -0.002 min
Response: 18228240
Conc: 4448.43 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

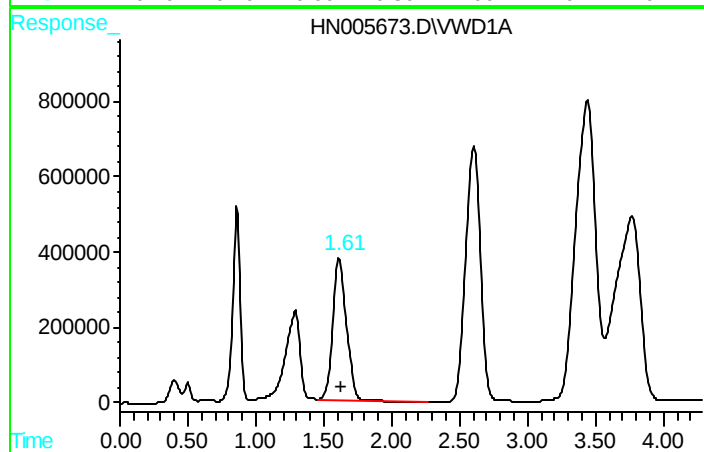
Manual Integrations
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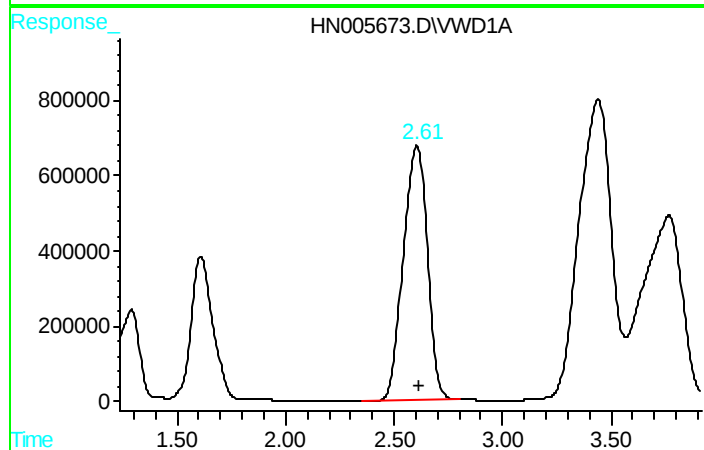
#2 HMX

R.T.: 0.862 min
Delta R.T.: -0.003 min
Response: 20317677
Conc: 4639.21 ug/L



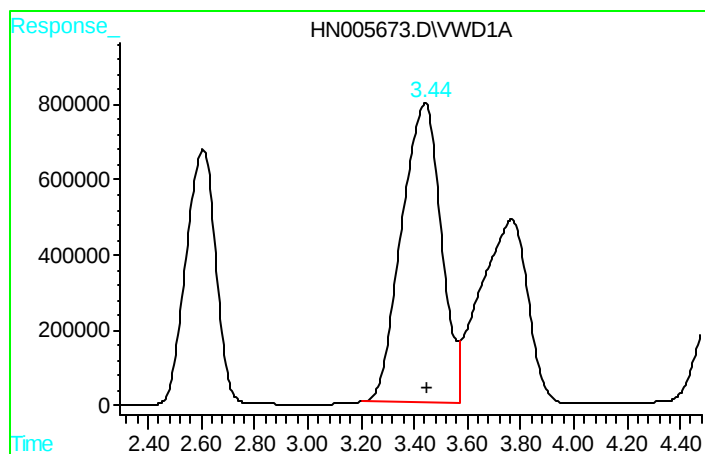
#3 RDX

R.T.: 1.610 min
Delta R.T.: -0.021 min
Response: 25787726
Conc: 4863.82 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.607 min
Delta R.T.: -0.009 min
Response: 52336638
Conc: 4877.93 ug/L



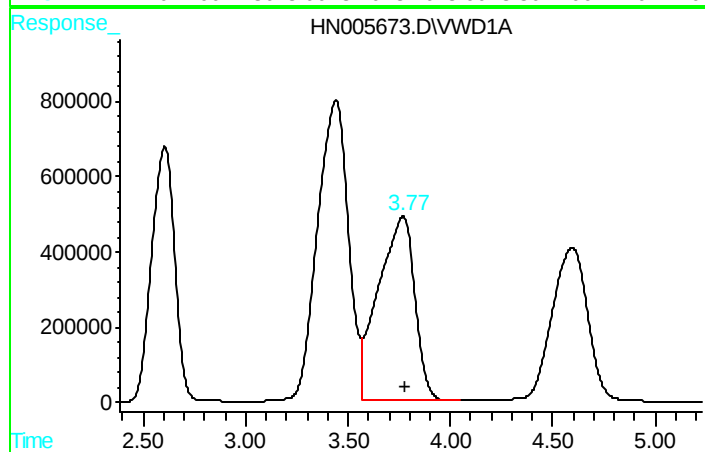
#5 3,5-Dinitroaniline

R.T.: 3.441 min
 Delta R.T.: -0.010 min
 Response: 81877866
 Conc: 5289.17 ng/ml

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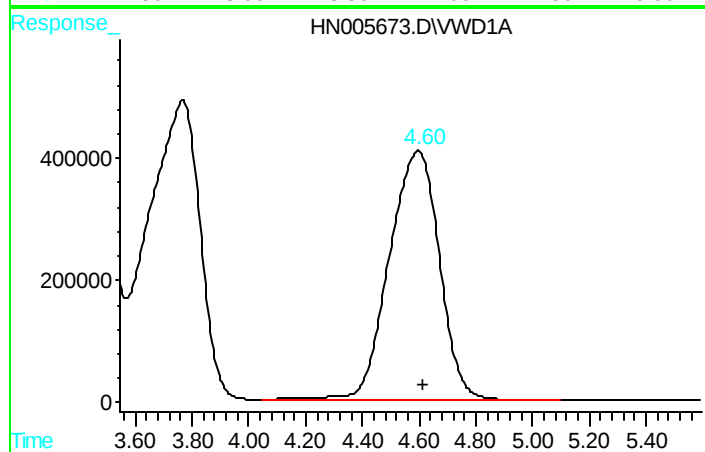
Manual Integrations
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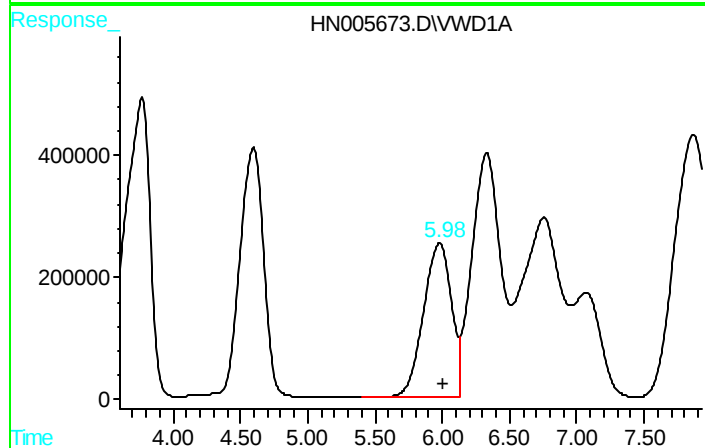
#6 1,3-Dinitrobenzene

R.T.: 3.767 min
 Delta R.T.: -0.007 min
 Response: 60627652
 Conc: 4790.71 ug/L



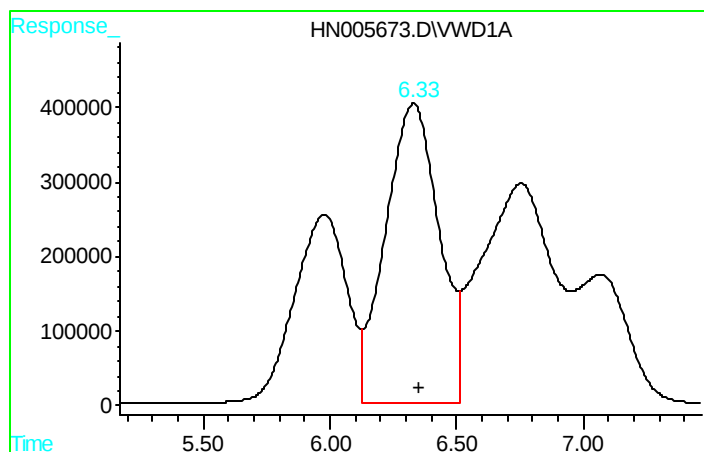
#7 Nitrobenzene

R.T.: 4.598 min
 Delta R.T.: -0.015 min
 Response: 50136892
 Conc: 5144.06 ug/L



#8 Tetryl

R.T.: 5.979 min
 Delta R.T.: -0.030 min
 Response: 36220946
 Conc: 7287.28 ug/L



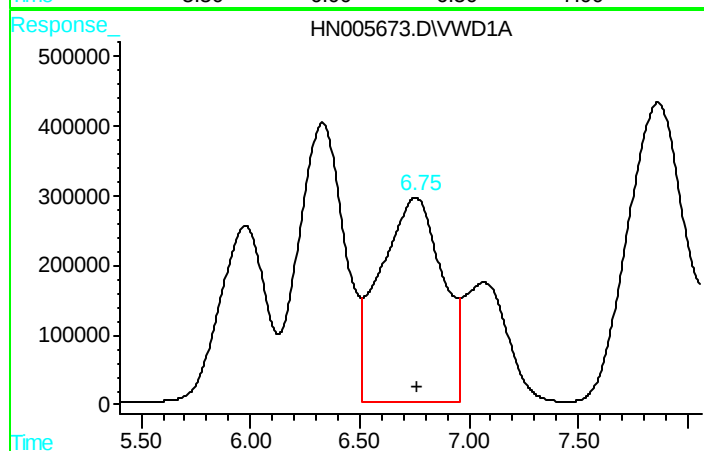
#9 2,4,6-Trinitrotoluene

R.T.: 6.330 min
Delta R.T.: -0.023 min
Response: 59077498
Conc: 4966.85 ug/L

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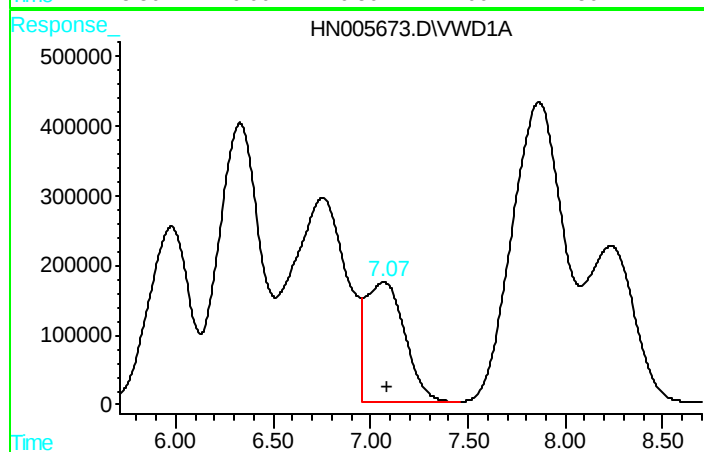
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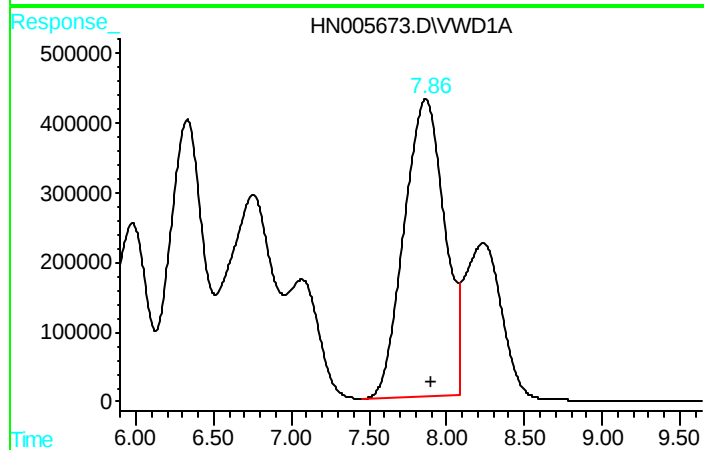
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 57797938
Conc: 5498.13 ug/L



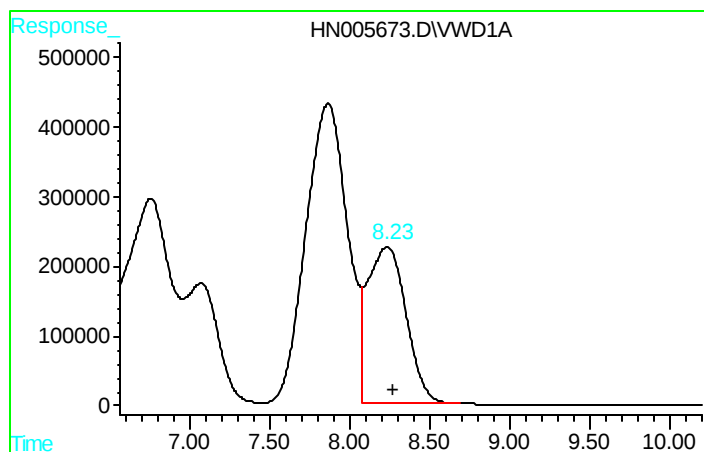
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.068 min
Delta R.T.: -0.021 min
Response: 23859692
Conc: 3991.83 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.865 min
Delta R.T.: -0.032 min
Response: 76784429
Conc: 5295.70 ug/L



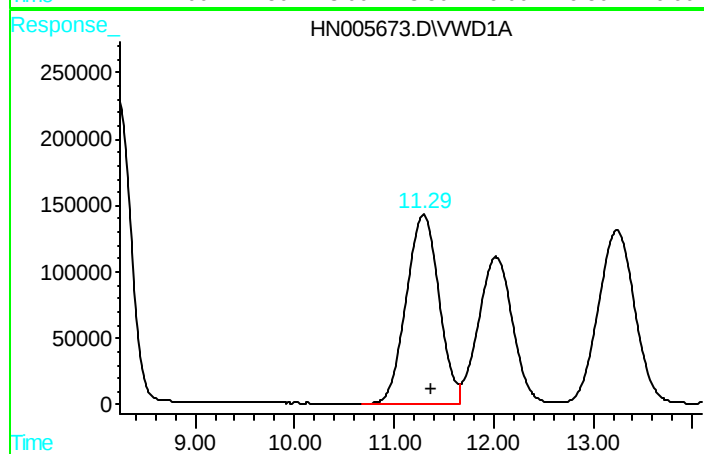
#13 2,6-Dinitrotoluene

R.T.: 8.233 min
Delta R.T.: -0.039 min
Response: 37447432
Conc: 4752.23 ug/L

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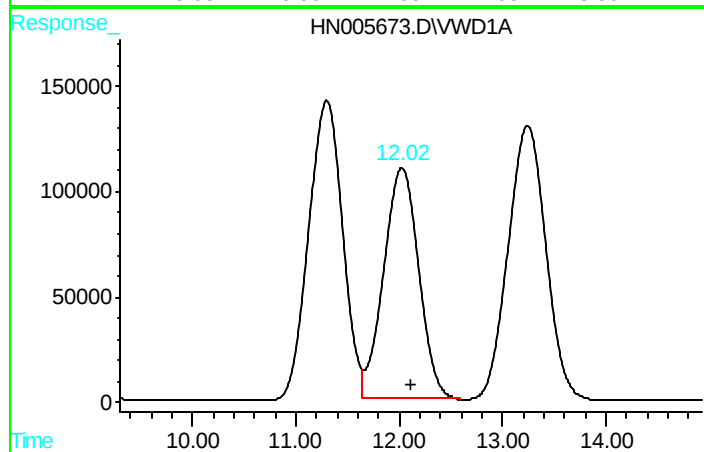
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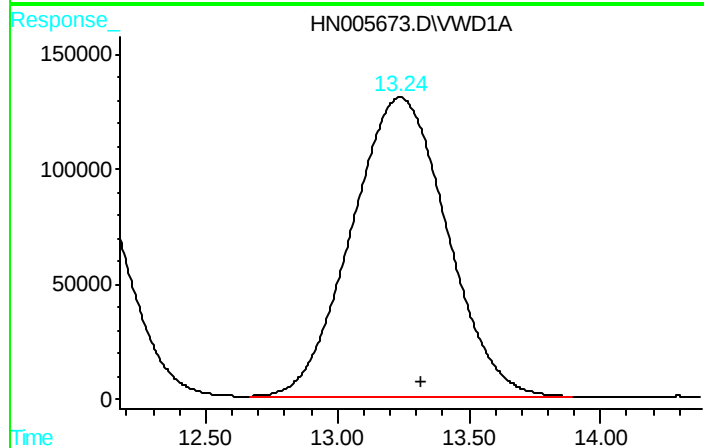
#14 2-Nitrotoluene

R.T.: 11.296 min
Delta R.T.: -0.068 min
Response: 32454835
Conc: 5123.05 ug/L



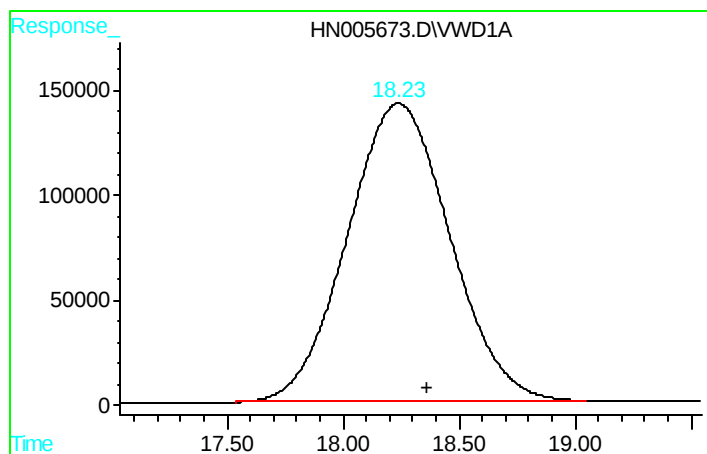
#15 4-Nitrotoluene

R.T.: 12.024 min
Delta R.T.: -0.085 min
Response: 25862505
Conc: 4674.05 ug/L m



#16 3-Nitrotoluene

R.T.: 13.237 min
Delta R.T.: -0.082 min
Response: 32851983
Conc: 4686.26 ug/L m



#17 PETN

R.T.: 18.234 min
Delta R.T.: -0.124 min
Response: 43582402
Conc: 5089.81 ug/L

Instrument :

HPLC_N

LabSampleId :

HSTDICC5000

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