

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005813.D Vial: 39
 Acq On : 22-Jan-2014, 01:45 Operator: QM
 Sample : PB74516BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 14:46 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB74516BS

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:02 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 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	1.31	667491	177.192 ug/L m
Target Compounds			
2) T HMX	0.88	534162	124.553 ug/L
3) T RDX	1.68	787387	137.295 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	1344510	124.923 ug/L
5) T 1,3-Dinitrobenzene	3.49	2025103	125.530 ng/ml
6) T 3,5-Dinitroaniline	3.84	1636814	130.782 ug/L
7) T Nitrobenzene	4.66	1296834	120.627 ug/L
8) T Tetryl	6.11	831690	120.612 ug/L
9) T 2,4,6-Trinitrotoluene	6.42	1365668	128.108 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.89	1285915	112.503 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.22	860664	148.898 ug/L
12) T 2,4-Dinitrotoluene	7.99	1920070	125.507 ug/L
13) T 2,6-Dinitrotoluene	8.38	1212722	143.681 ug/L
14) T 2-Nitrotoluene	11.47	763158	115.299 ug/L m
15) T 4-Nitrotoluene	12.22	576403	107.932 ug/L m
16) T 3-Nitrotoluene	13.46	791260	118.562 ug/L m
17) T PETN	18.59	1191941	143.096 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.

HN005813.D HN012114.M Sat Jan 25 01:01:28 2014

RPT1

Quantitation Report

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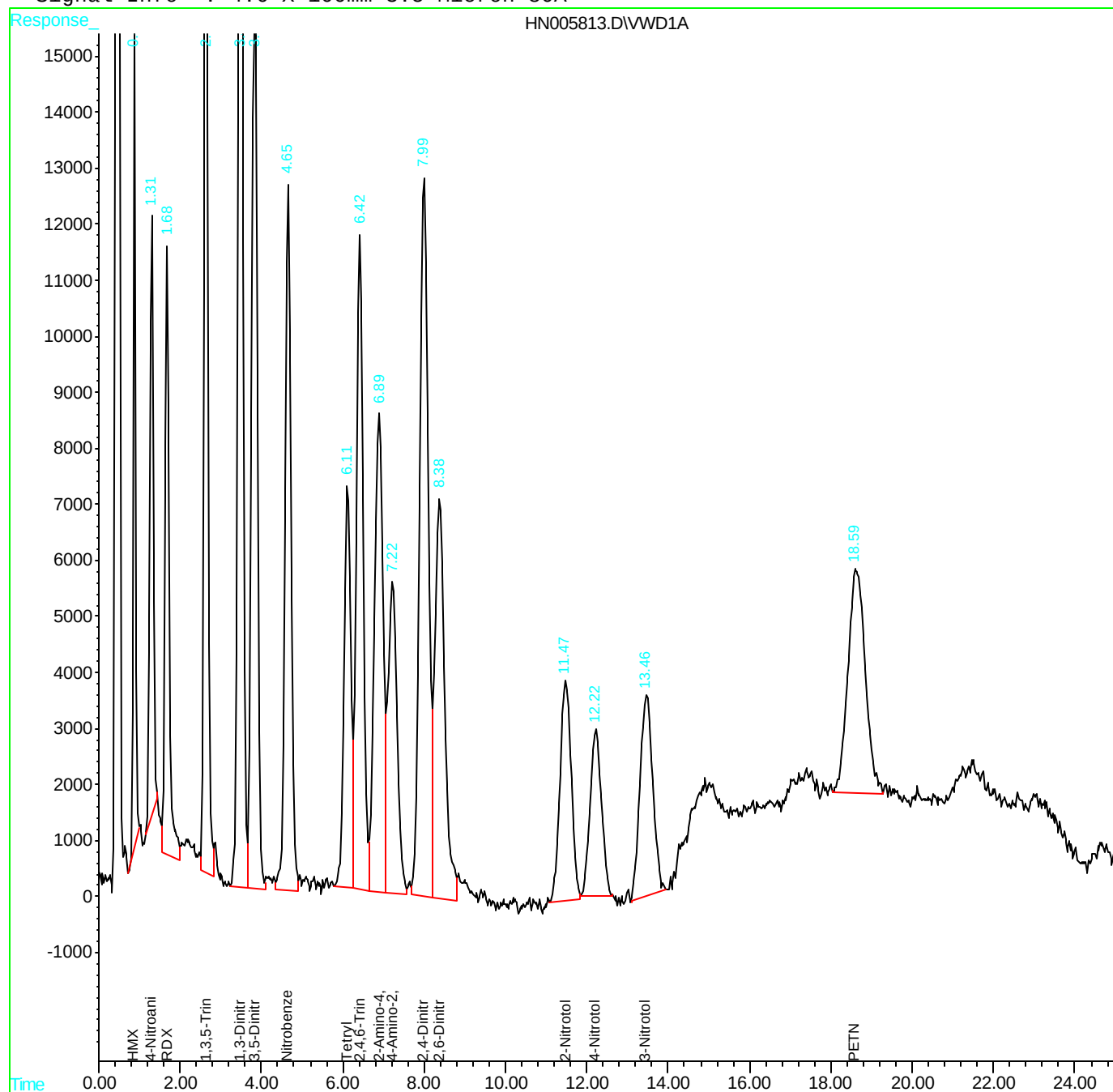
Instrument :
HPLC_N
ClientSampleId :
PB74516BS

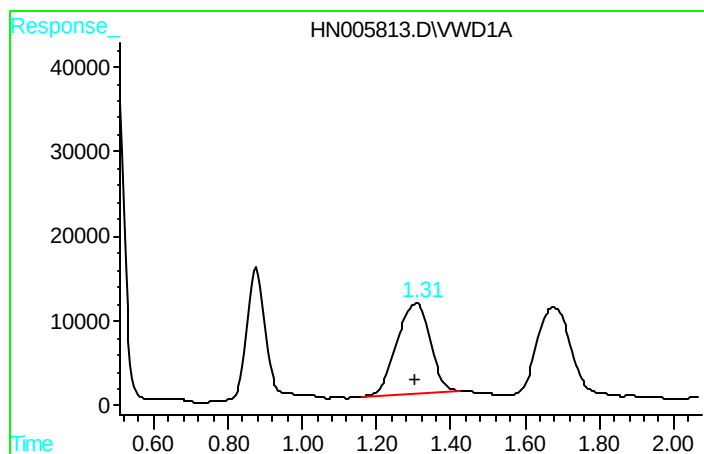
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1/24/2014 4:51:02 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 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





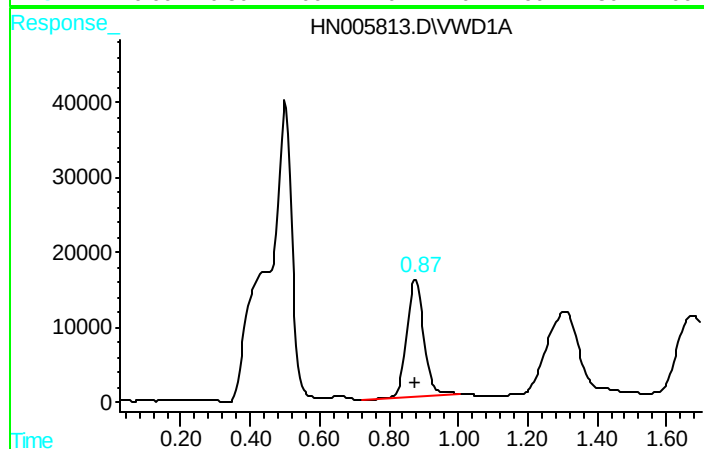
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: 0.003 min
Response: 667491
Conc: 177.19 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB74516BS

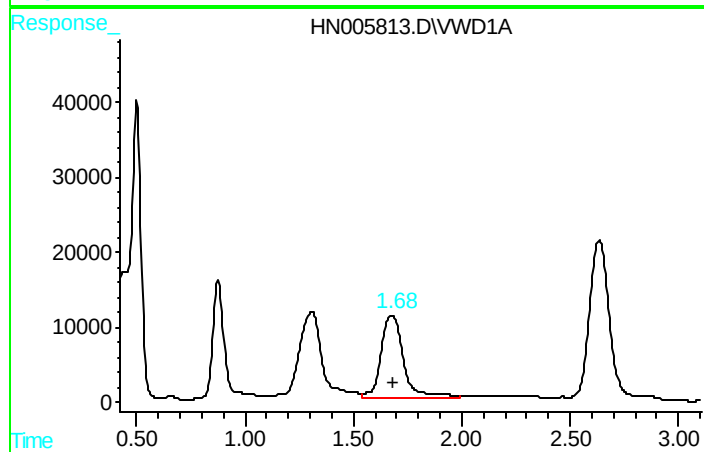
Manual Integrations
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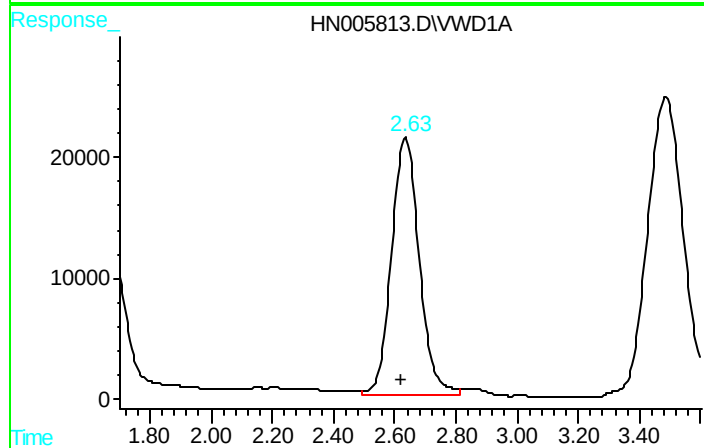
#2 HMX

R.T.: 0.877 min
Delta R.T.: 0.003 min
Response: 534162
Conc: 124.55 ug/L



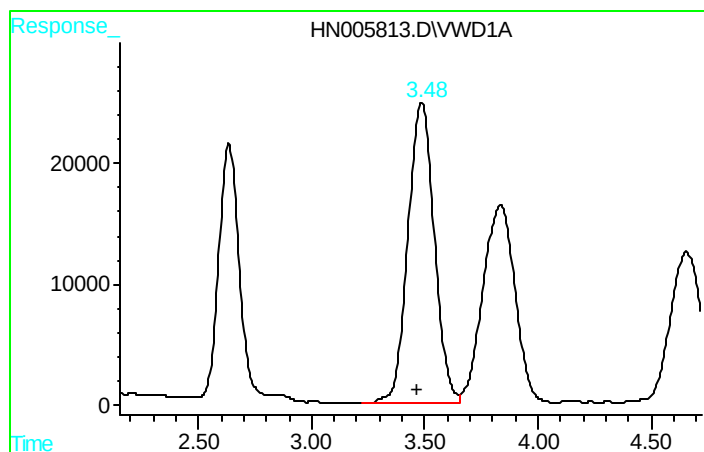
#3 RDX

R.T.: 1.678 min
Delta R.T.: -0.001 min
Response: 787387
Conc: 137.29 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.636 min
Delta R.T.: 0.013 min
Response: 1344510
Conc: 124.92 ug/L



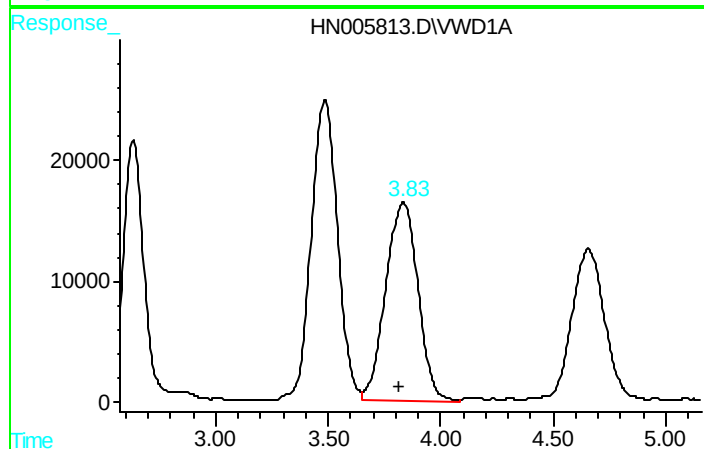
#5 1,3-Dinitrobenzene

R.T.: 3.487 min
Delta R.T.: 0.018 min
Response: 2025103
Conc: 125.53 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB74516BS

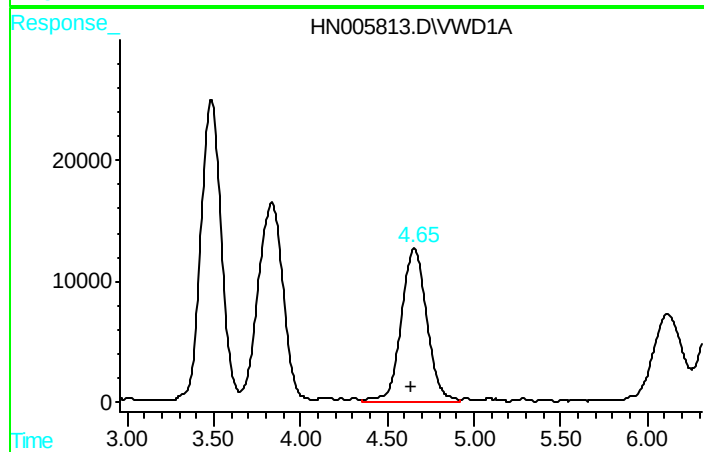
Manual Integrations
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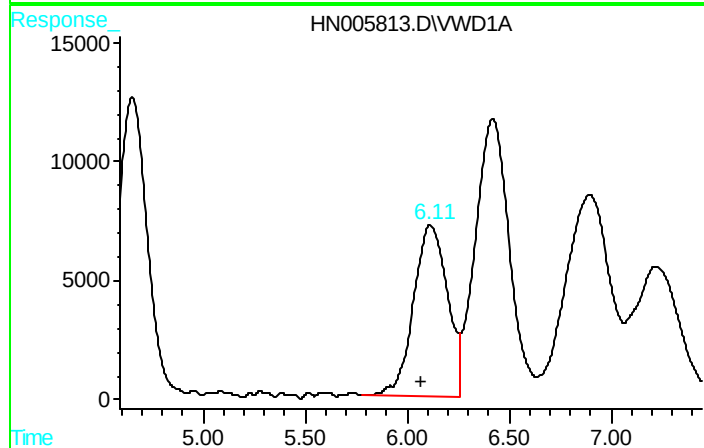
#6 3,5-Dinitroaniline

R.T.: 3.835 min
Delta R.T.: 0.018 min
Response: 1636814
Conc: 130.78 ug/L



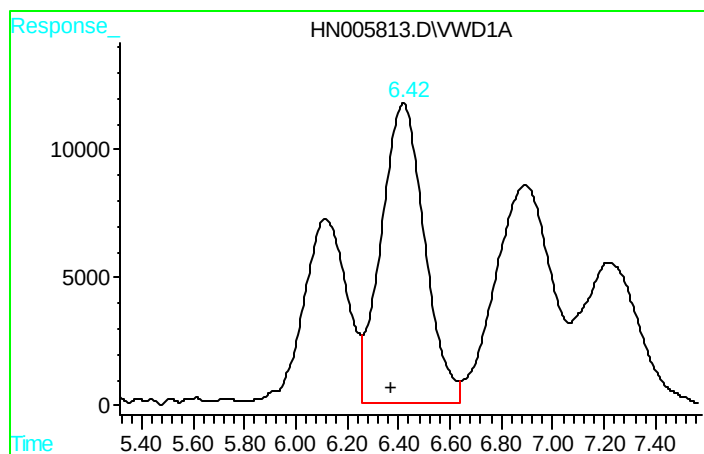
#7 Nitrobenzene

R.T.: 4.656 min
Delta R.T.: 0.025 min
Response: 1296834
Conc: 120.63 ug/L



#8 Tetryl

R.T.: 6.115 min
Delta R.T.: 0.044 min
Response: 831690
Conc: 120.61 ug/L



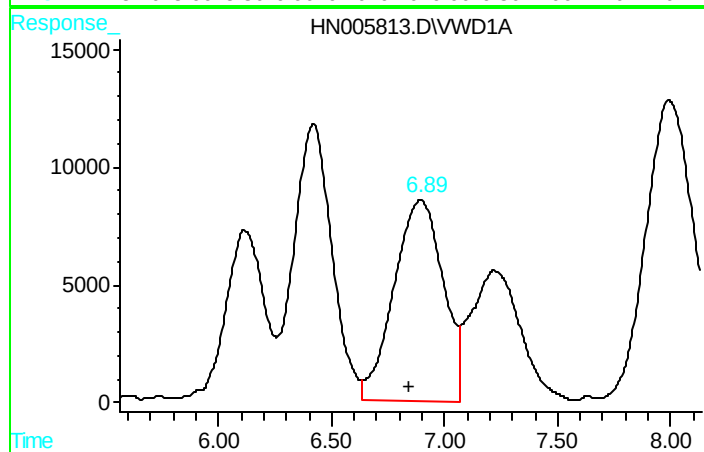
#9 2,4,6-Trinitrotoluene

R.T.: 6.419 min
Delta R.T.: 0.046 min
Response: 1365668
Conc: 128.11 ug/L

Instrument :
HPLC_N
ClientSampled :
PB74516BS

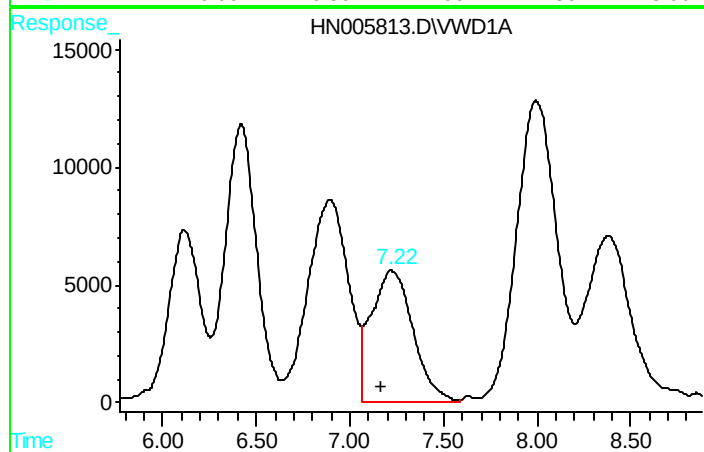
Manual Integrations
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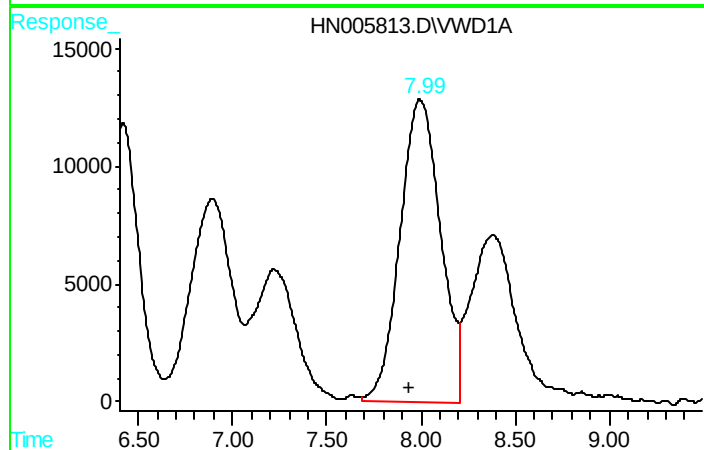
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.894 min
Delta R.T.: 0.050 min
Response: 1285915
Conc: 112.50 ug/L



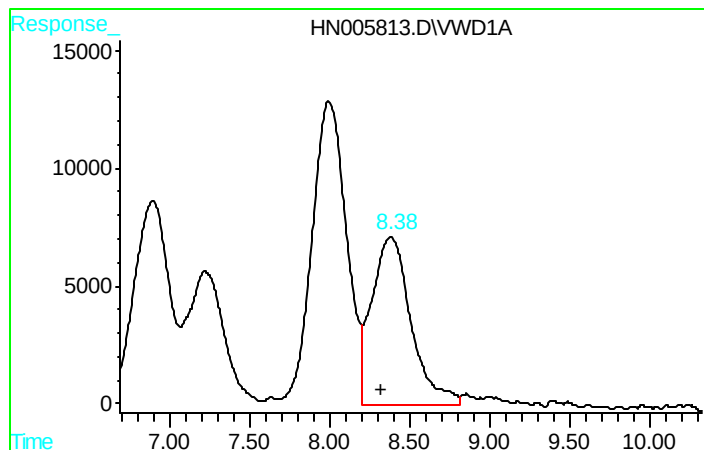
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.220 min
Delta R.T.: 0.050 min
Response: 860664
Conc: 148.90 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.993 min
Delta R.T.: 0.055 min
Response: 1920070
Conc: 125.51 ug/L



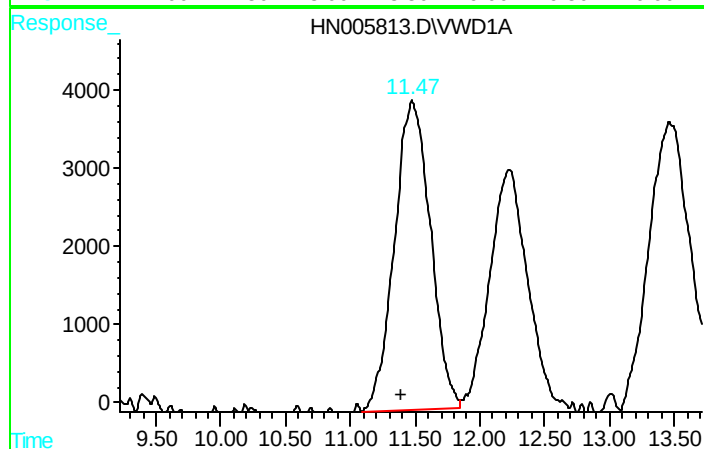
#13 2,6-Dinitrotoluene

R.T.: 8.381 min
Delta R.T.: 0.066 min
Response: 121272
Conc: 143.68 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB74516BS

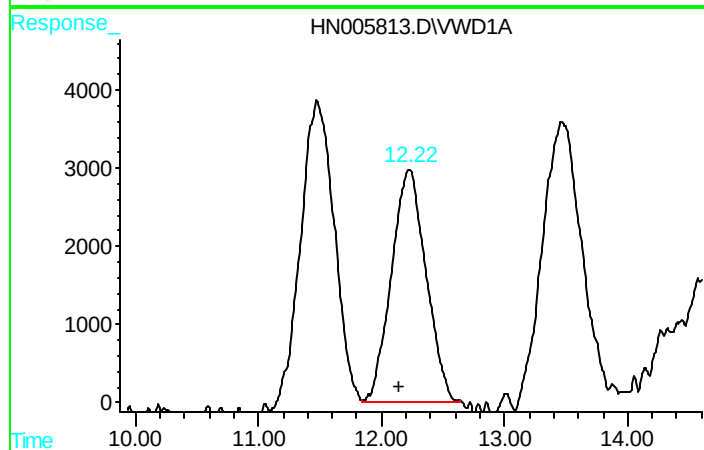
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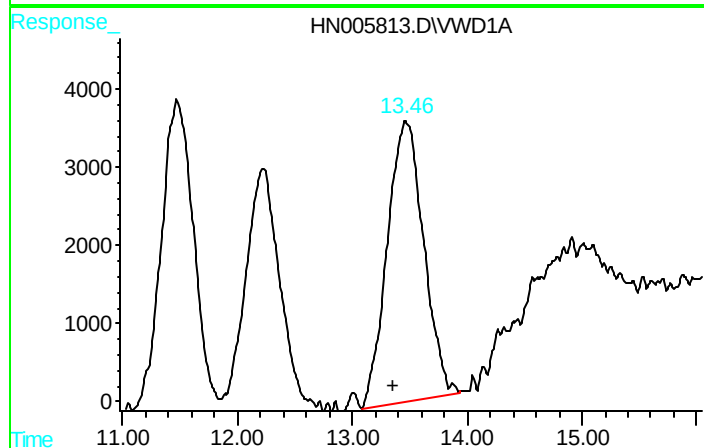
#14 2-Nitrotoluene

R.T.: 11.473 min
Delta R.T.: 0.082 min
Response: 763158
Conc: 115.30 ug/L m



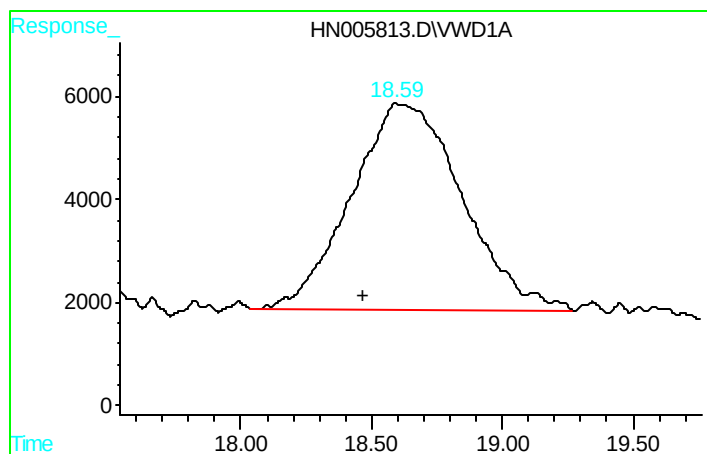
#15 4-Nitrotoluene

R.T.: 12.222 min
Delta R.T.: 0.088 min
Response: 576403
Conc: 107.93 ug/L m



#16 3-Nitrotoluene

R.T.: 13.462 min
Delta R.T.: 0.103 min
Response: 791260
Conc: 118.56 ug/L m



#17 PETN

R.T.: 18.587 min
Delta R.T.: 0.118 min
Response: 1191941
Conc: 143.10 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB74516BS

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