

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005693.D Vial: 6
 Acq On : 11-Nov-2013, 16:27 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 16:30 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:25 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	1.37	80980	21.938 ug/L m
Target Compounds			
2) T HMX	0.91	71331	17.766 ug/L m
3) T RDX	1.73	137113	25.066 ug/L
4) T 1,3,5-Trinitrobenzene	2.78	210940	20.288 ug/L
5) T 3,5-Dinitroaniline	3.68	375530	23.285 ng/ml
6) T 1,3-Dinitrobenzene	4.05	340650	26.840 ug/L
7) T Nitrobenzene	4.96	201590	19.779 ug/L m
8) T Tetryl	6.58	159904	23.291 ug/L
9) T 2,4,6-Trinitrotoluene	6.93	251646	22.155 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.38	224405	20.565 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.75	127292	21.707 ug/L
12) T 2,4-Dinitrotoluene	8.61	265365	17.969 ug/L
13) T 2,6-Dinitrotoluene	8.98	172166	21.840 ug/L m
14) T 2-Nitrotoluene	12.39	115242	18.013 ug/L m
15) T 4-Nitrotoluene	13.19	89172	16.538 ug/L m
17) T PETN	20.20	188119	21.724 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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Sample : HSTDICC0020 Inst : G1314A
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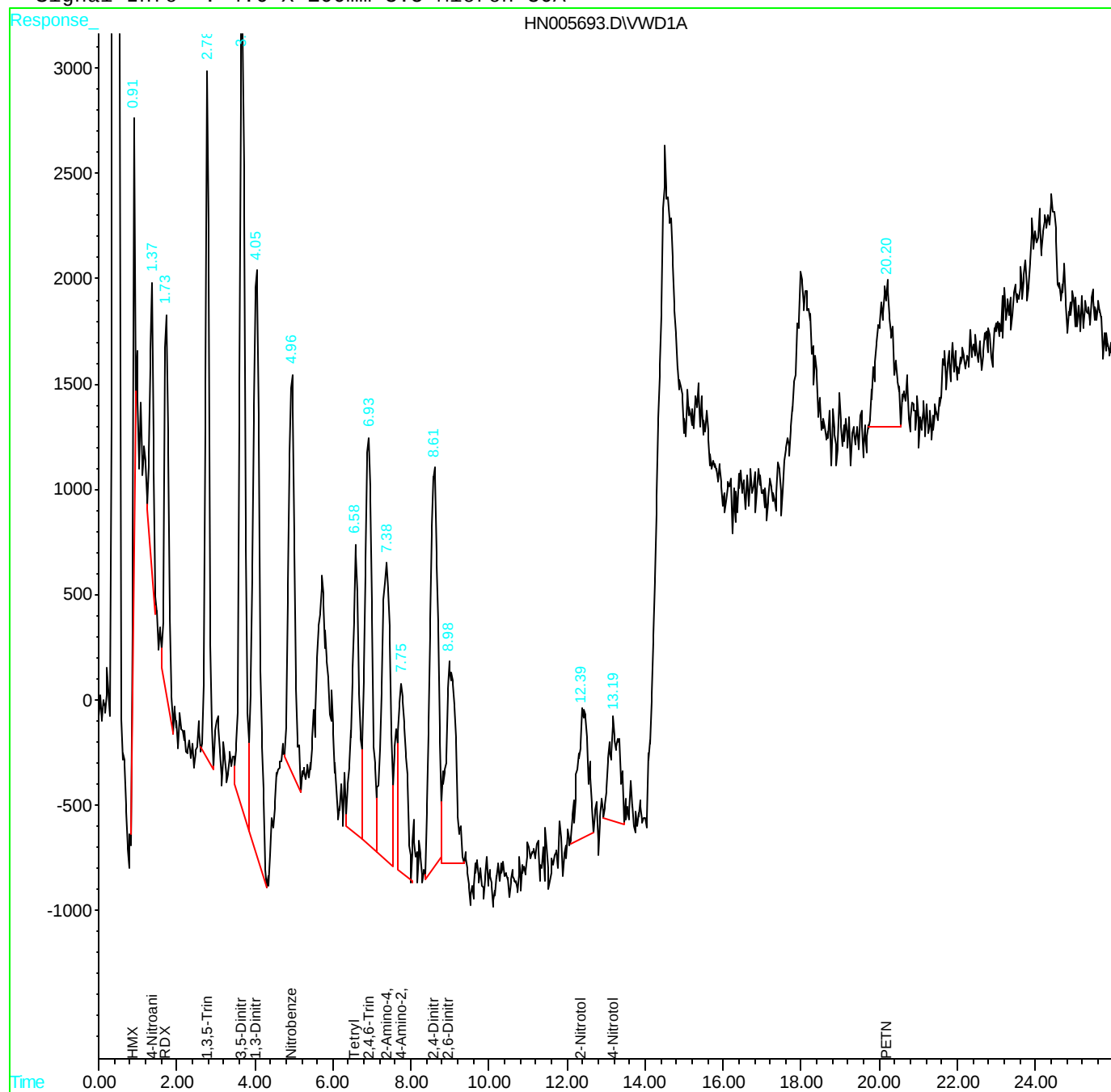
Instrument :
HPLC_N
LabSampleId :
HSTDICC0020

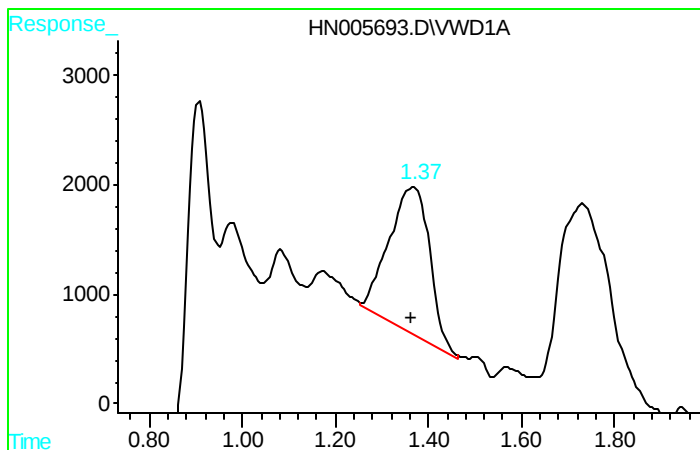
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11/12/2013 3:42:25 PM

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





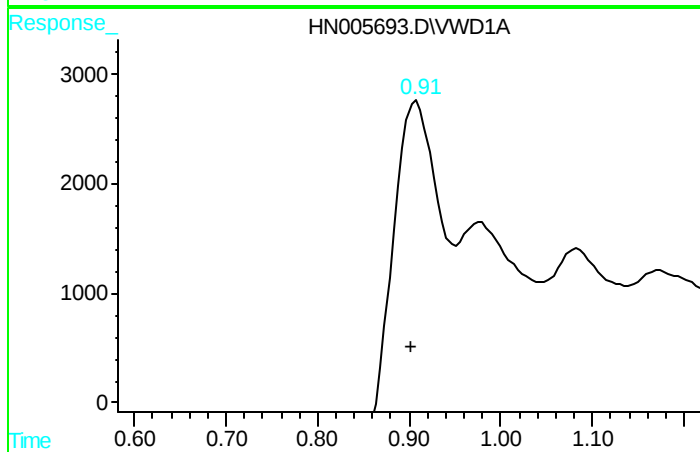
#1 4-Nitroaniline

R.T.: 1.373 min
Delta R.T.: 0.012 min
Response: 80980
Conc: 21.94 ug/L m

Instrument :
HPLC_N
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HSTDICC0020

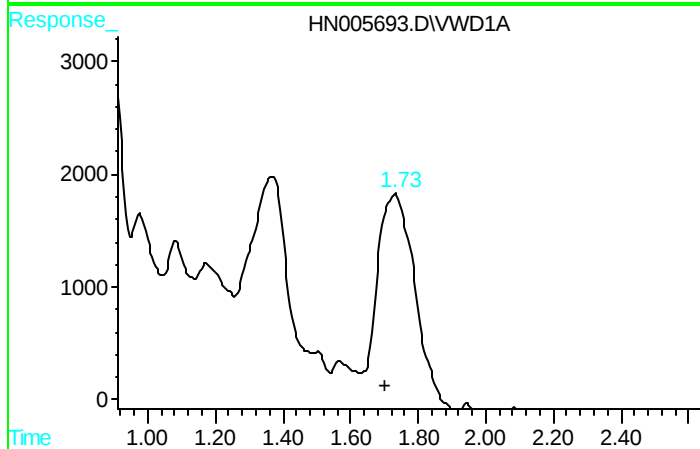
Manual Integrations
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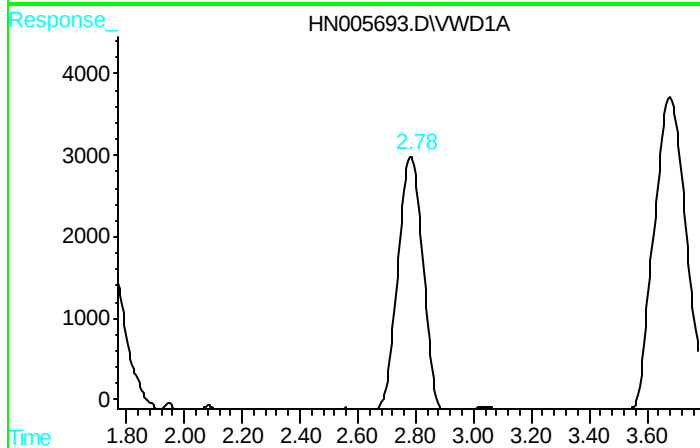
#2 HMX

R.T.: 0.906 min
Delta R.T.: 0.004 min
Response: 71331
Conc: 17.77 ug/L m



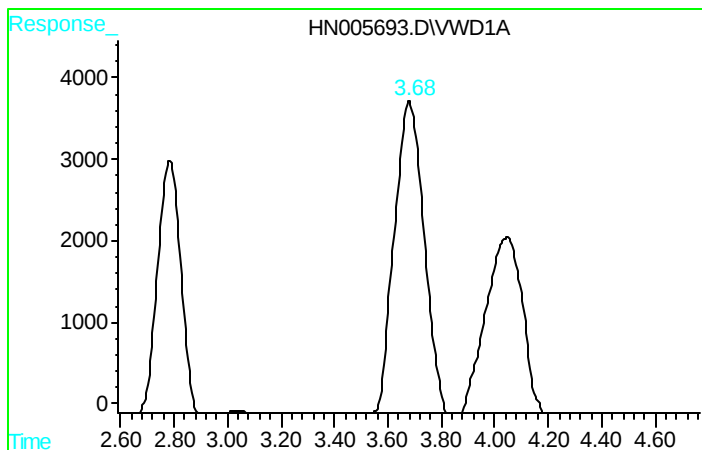
#3 RDX

R.T.: 1.732 min
Delta R.T.: 0.030 min
Response: 137113
Conc: 25.07 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.784 min
Delta R.T.: 0.012 min
Response: 210940
Conc: 20.29 ug/L



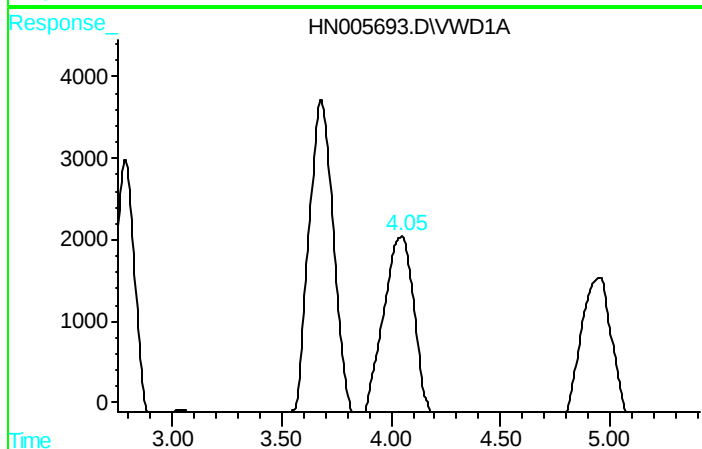
#5 3,5-Dinitroaniline

R.T.: 3.681 min
Delta R.T.: 0.010 min
Response: 375530
Conc: 23.28 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDIC0020

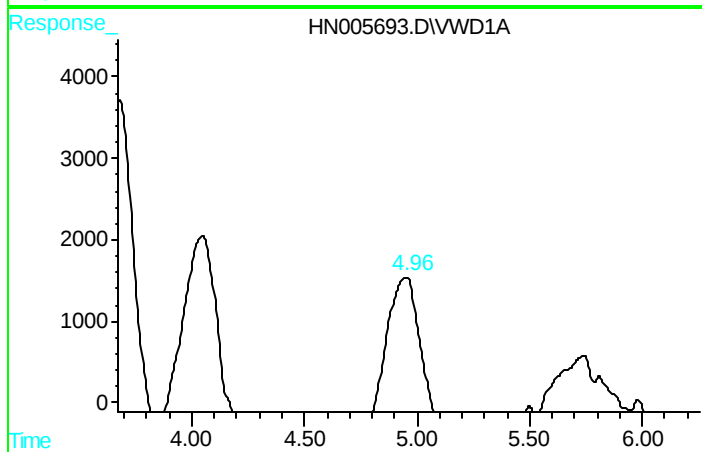
Manual Integrations
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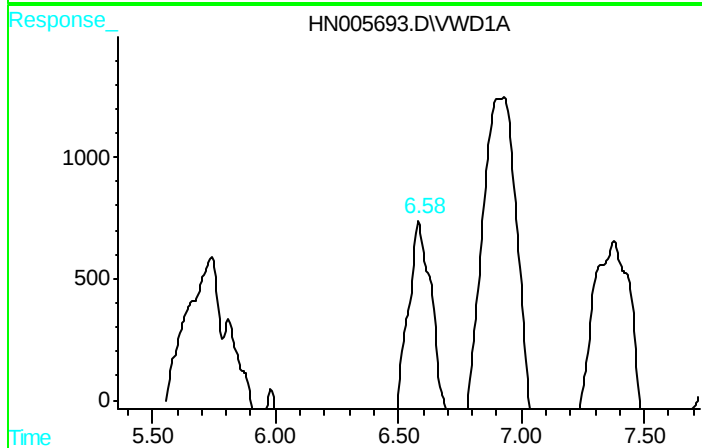
#6 1,3-Dinitrobenzene

R.T.: 4.046 min
Delta R.T.: 0.020 min
Response: 340650
Conc: 26.84 ug/L



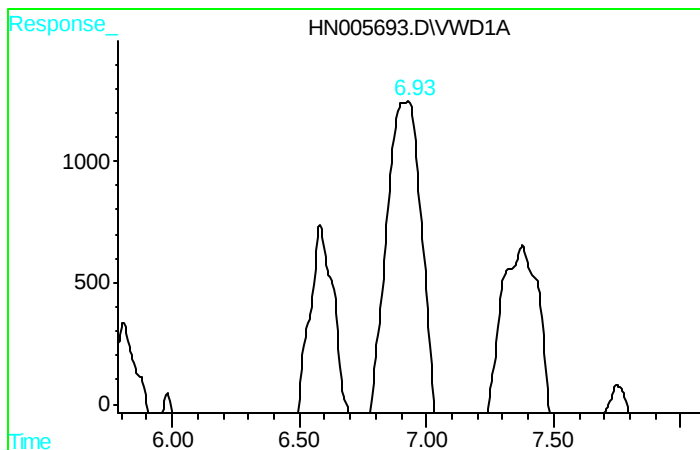
#7 Nitrobenzene

R.T.: 4.957 min
Delta R.T.: 0.035 min
Response: 201590
Conc: 19.78 ug/L m



#8 Tetryl

R.T.: 6.584 min
Delta R.T.: 0.026 min
Response: 159904
Conc: 23.29 ug/L



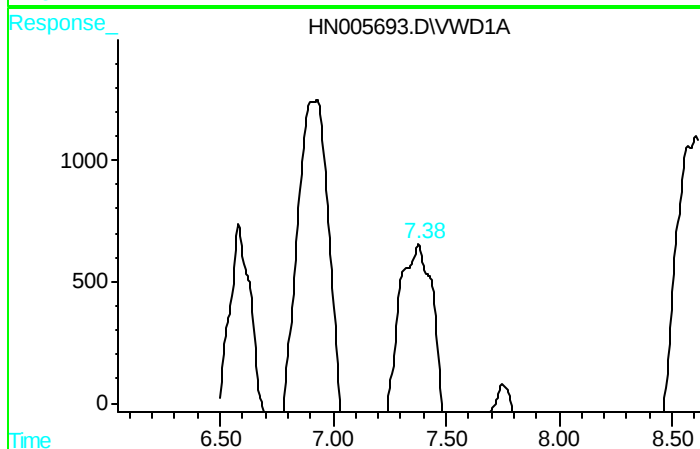
#9 2,4,6-Trinitrotoluene

R.T.: 6.925 min
Delta R.T.: 0.047 min
Response: 251646
Conc: 22.15 ug/L

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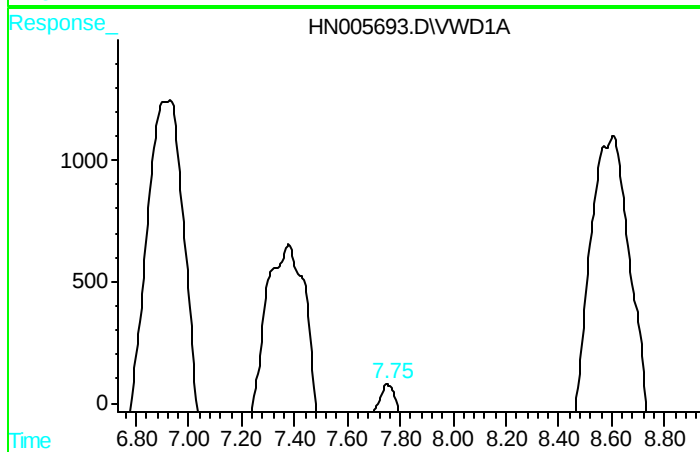
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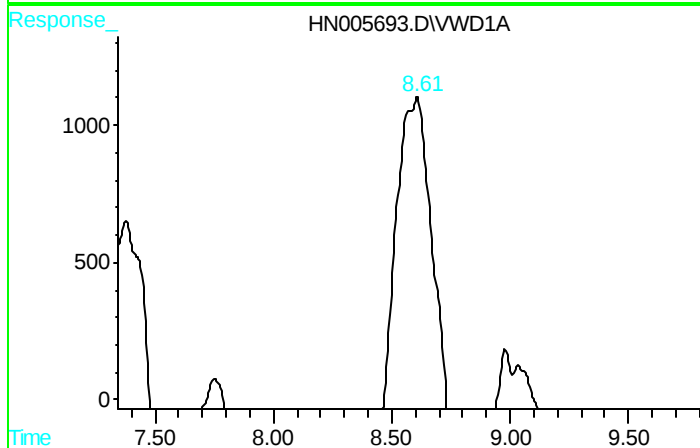
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.378 min
Delta R.T.: 0.044 min
Response: 224405
Conc: 20.57 ug/L



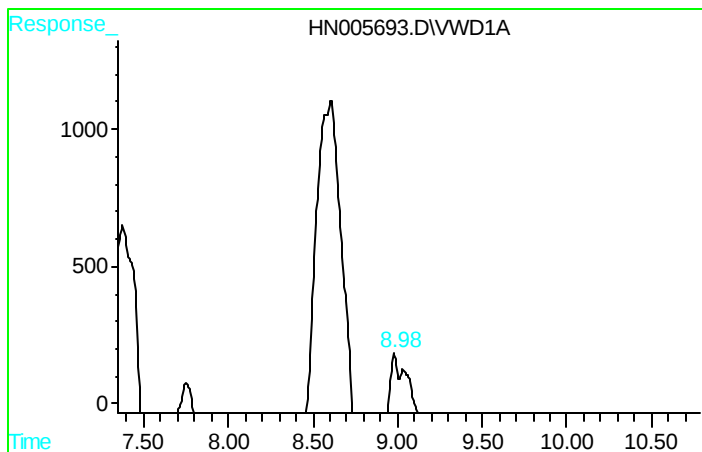
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.753 min
Delta R.T.: 0.029 min
Response: 127292
Conc: 21.71 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.607 min
Delta R.T.: 0.045 min
Response: 265365
Conc: 17.97 ug/L



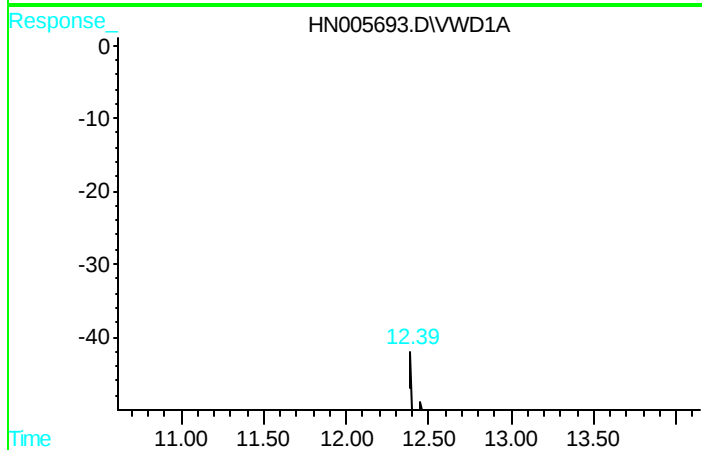
#13 2,6-Dinitrotoluene

R.T.: 8.978 min
Delta R.T.: -0.008 min
Response: 172166
Conc: 21.84 ug/L m

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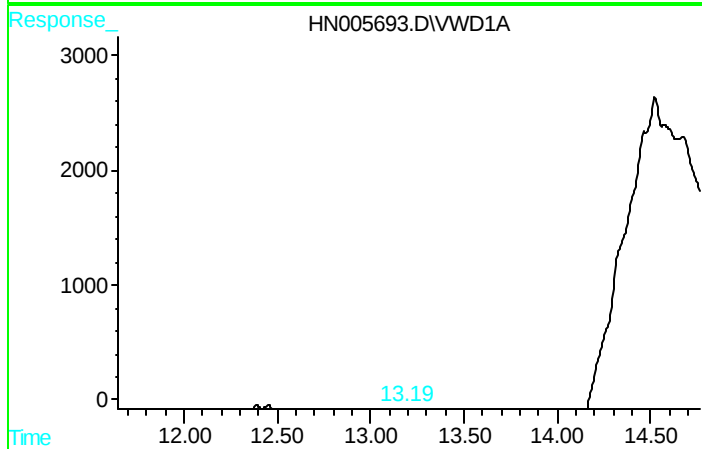
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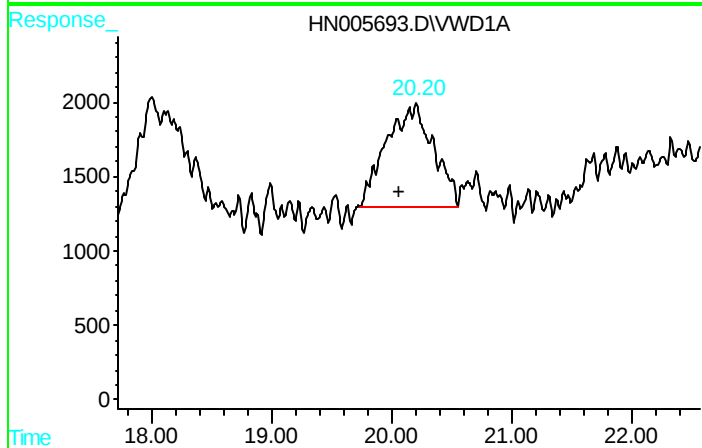
#14 2-Nitrotoluene

R.T.: 12.388 min
Delta R.T.: 0.035 min
Response: 115242
Conc: 18.01 ug/L m



#15 4-Nitrotoluene

R.T.: 13.188 min
Delta R.T.: 0.034 min
Response: 89172
Conc: 16.54 ug/L m



#17 PETN

R.T.: 20.204 min
Delta R.T.: 0.140 min
Response: 188119
Conc: 21.72 ug/L m