

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005692.D Vial: 5
 Acq On : 11-Nov-2013, 15:59 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 16:21 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:27 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	358040	96.995 ug/L
Target Compounds			
2) T HMX	0.91	441910	110.068 ug/L
3) T RDX	1.72	533235	97.484 ug/L
4) T 1,3,5-Trinitrobenzene	2.78	1039362	99.966 ug/L
5) T 3,5-Dinitroaniline	3.69	1708407	105.931 ng/ml
6) T 1,3-Dinitrobenzene	4.04	1407292	110.882 ug/L
7) T Nitrobenzene	4.94	1144309	112.277 ug/L
8) T Tetryl	6.59	724119	105.473 ug/L
9) T 2,4,6-Trinitrotoluene	6.91	1093009	96.227 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.37	1041186	95.418 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.78	667631	113.849 ug/L
12) T 2,4-Dinitrotoluene	8.60	1500420	101.601 ug/L
13) T 2,6-Dinitrotoluene	9.03	845319	107.234 ug/L
14) T 2-Nitrotoluene	12.44	654299	102.268 ug/L m
15) T 4-Nitrotoluene	13.23	540149	100.177 ug/L m
16) T 3-Nitrotoluene	14.53	2165754	315.781 ug/L
17) T PETN	20.17	944136	109.031 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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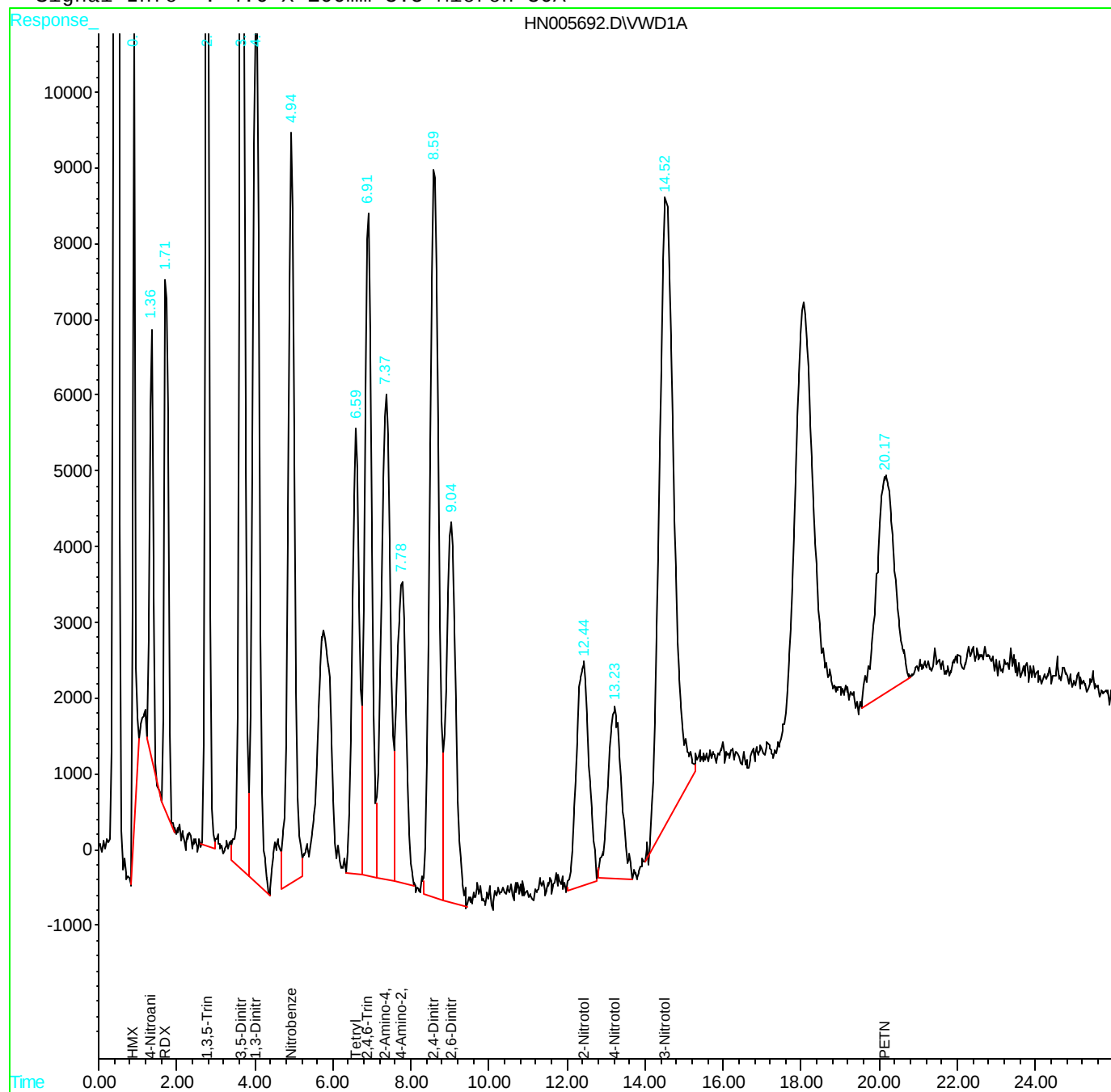
Instrument :
HPLC_N
LabSampleId :
HSTDICC0100

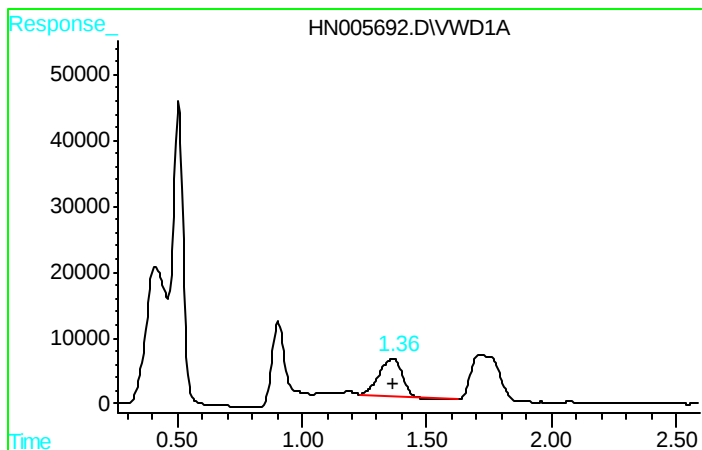
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Jul 22 14:51:19 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





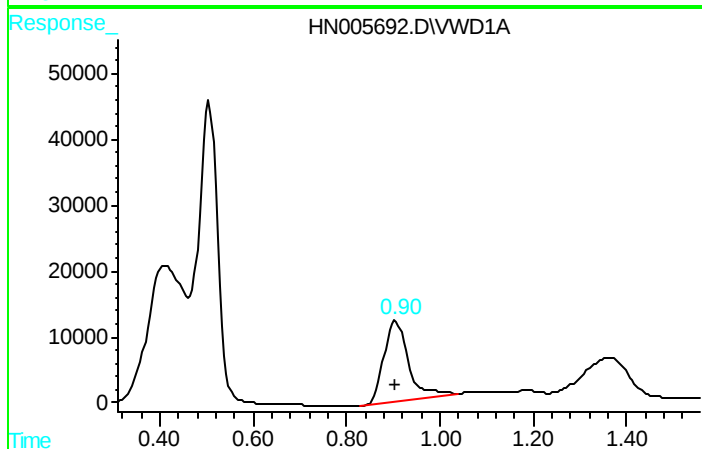
#1 4-Nitroaniline

R.T.: 1.364 min
Delta R.T.: 0.004 min
Response: 358040
Conc: 97.00 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDIC0100

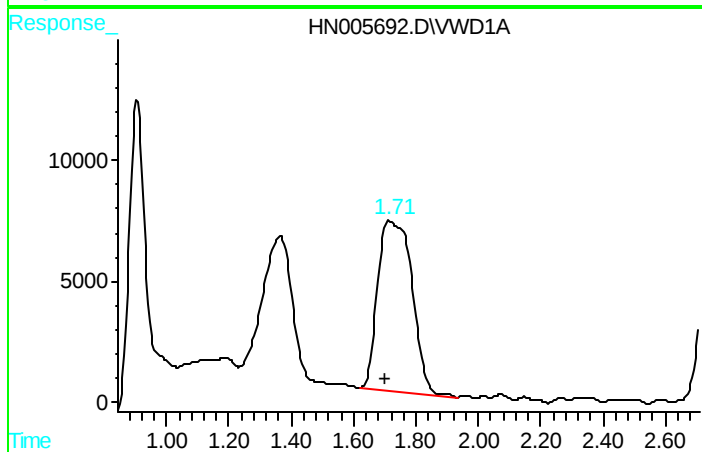
Manual Integrations
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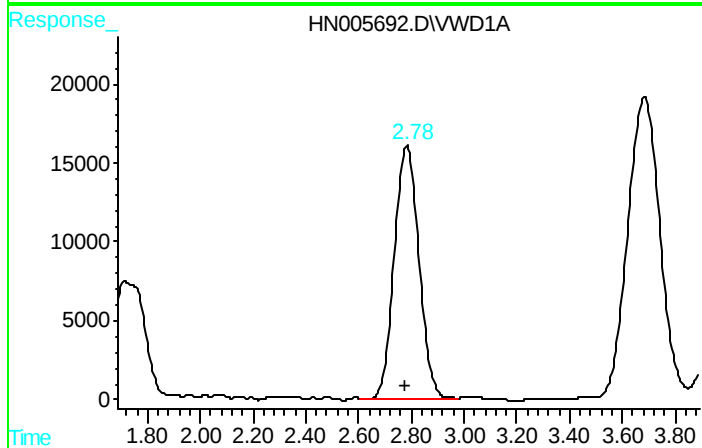
#2 HMX

R.T.: 0.906 min
Delta R.T.: 0.004 min
Response: 441910
Conc: 110.07 ug/L



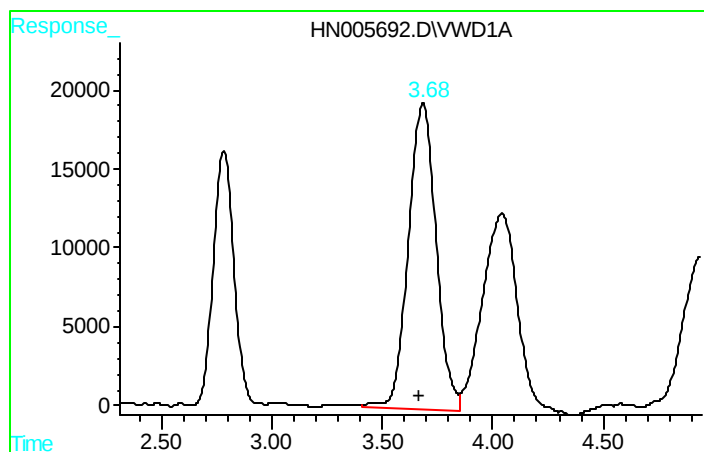
#3 RDX

R.T.: 1.716 min
Delta R.T.: 0.014 min
Response: 533235
Conc: 97.48 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.784 min
Delta R.T.: 0.012 min
Response: 1039362
Conc: 99.97 ug/L



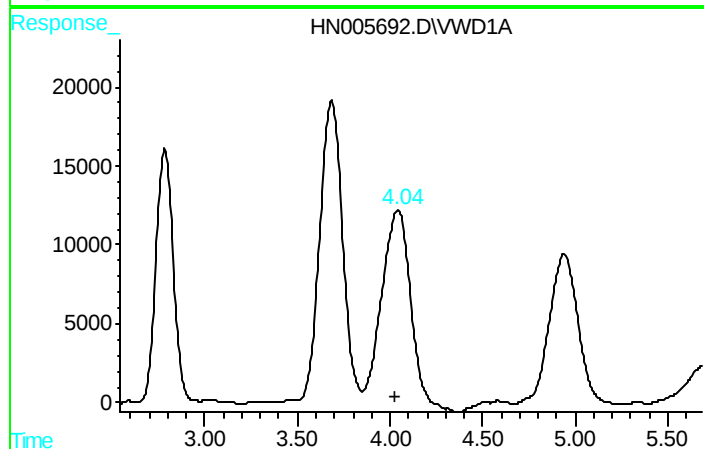
#5 3,5-Dinitroaniline

R.T.: 3.685 min
Delta R.T.: 0.015 min
Response: 1708407
Conc: 105.93 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDIC0100

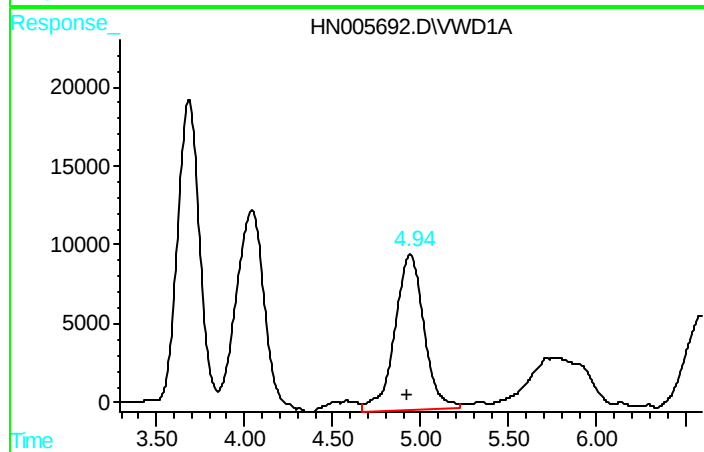
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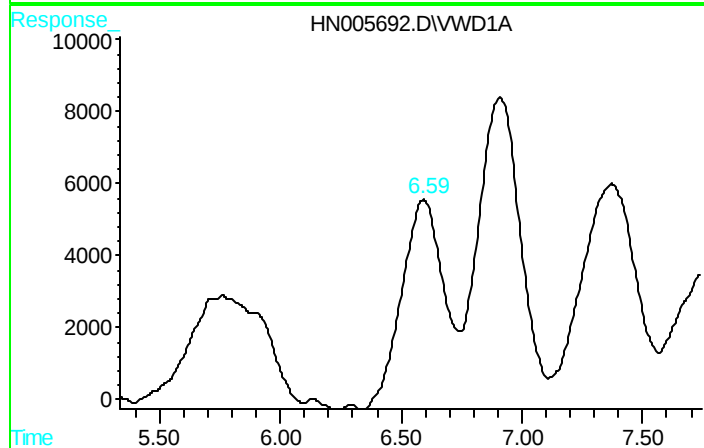
#6 1,3-Dinitrobenzene

R.T.: 4.043 min
Delta R.T.: 0.017 min
Response: 1407292
Conc: 110.88 ug/L



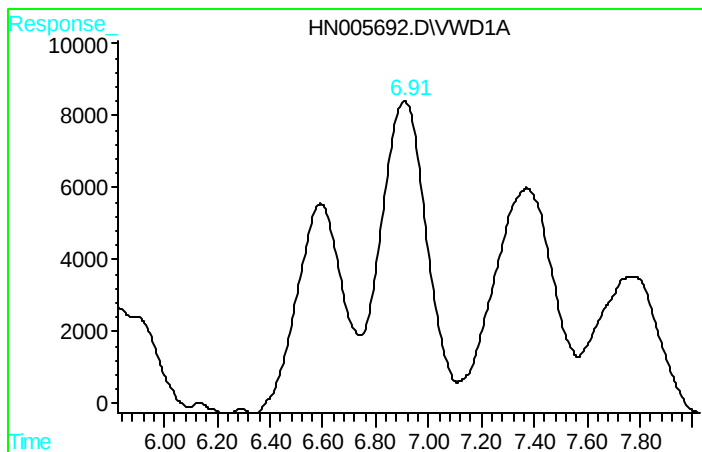
#7 Nitrobenzene

R.T.: 4.939 min
Delta R.T.: 0.017 min
Response: 1144309
Conc: 112.28 ug/L



#8 Tetryl

R.T.: 6.593 min
Delta R.T.: 0.035 min
Response: 724119
Conc: 105.47 ug/L



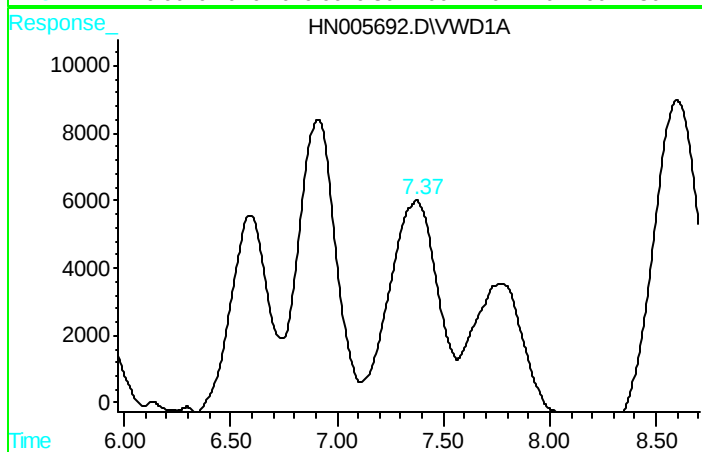
#9 2,4,6-Trinitrotoluene

R.T.: 6.911 min
Delta R.T.: 0.032 min
Response: 1093009
Conc: 96.23 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDIC00100

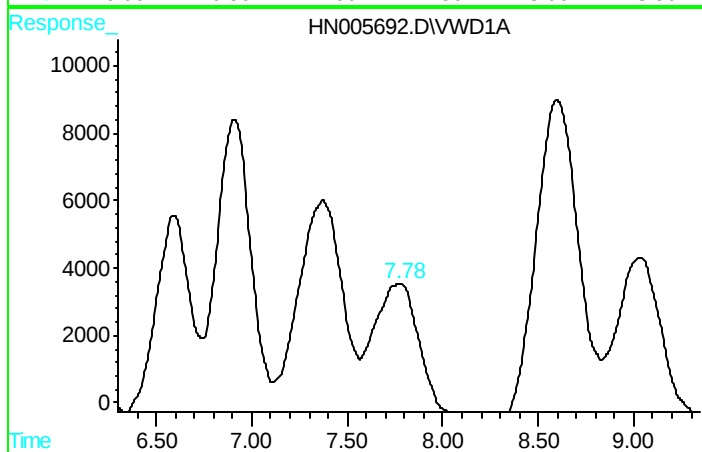
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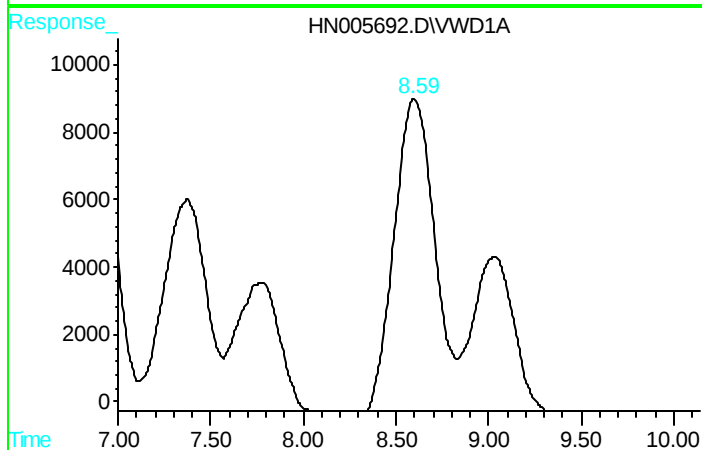
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.373 min
Delta R.T.: 0.040 min
Response: 1041186
Conc: 95.42 ug/L



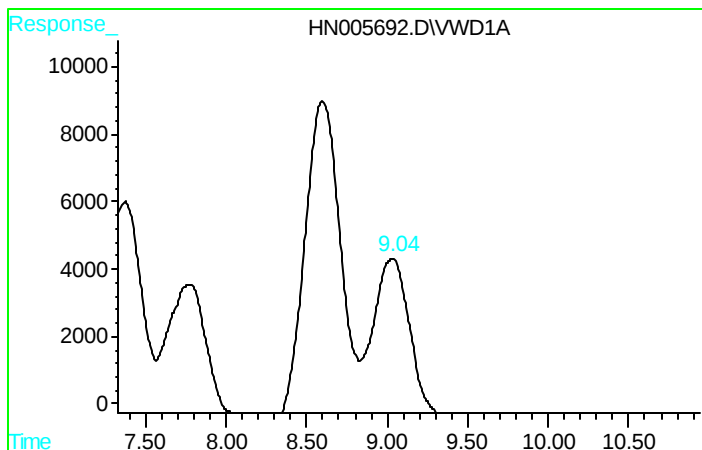
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.776 min
Delta R.T.: 0.052 min
Response: 667631
Conc: 113.85 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.597 min
Delta R.T.: 0.035 min
Response: 1500420
Conc: 101.60 ug/L



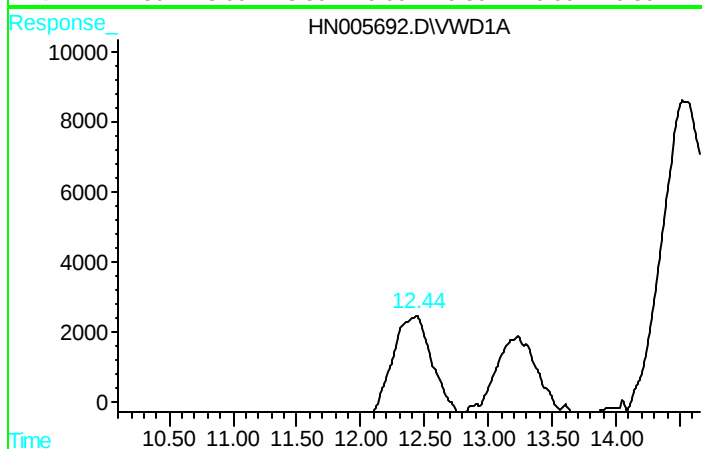
#13 2,6-Dinitrotoluene

R.T.: 9.033 min
Delta R.T.: 0.046 min
Response: 845319
Conc: 107.23 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDIC00100

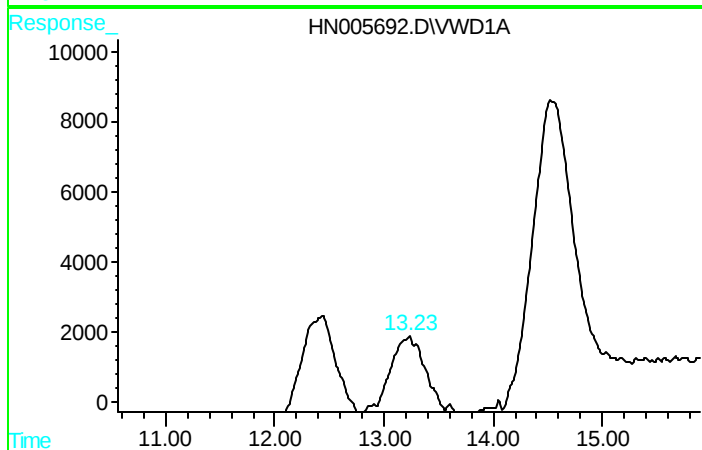
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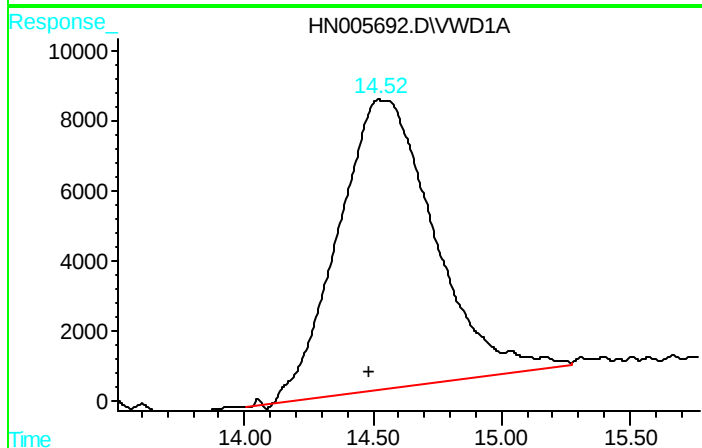
#14 2-Nitrotoluene

R.T.: 12.439 min
Delta R.T.: 0.086 min
Response: 654299
Conc: 102.27 ug/L m



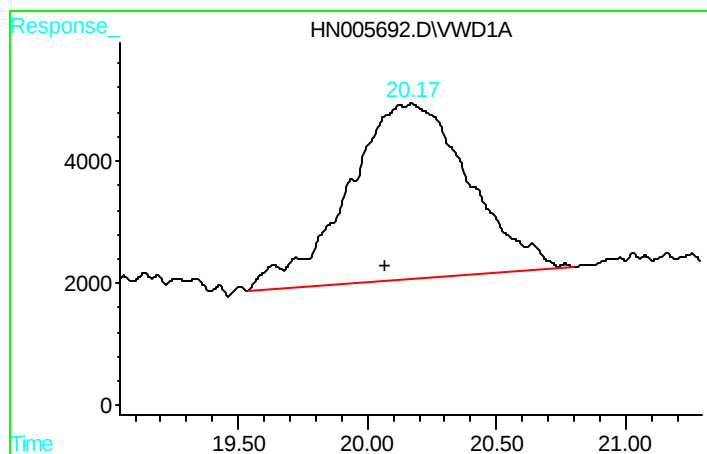
#15 4-Nitrotoluene

R.T.: 13.234 min
Delta R.T.: 0.080 min
Response: 540149
Conc: 100.18 ug/L m



#16 3-Nitrotoluene

R.T.: 14.531 min
Delta R.T.: 0.050 min
Response: 2165754
Conc: 315.78 ug/L



#17 PETN

R.T.: 20.171 min
Delta R.T.: 0.107 min
Response: 944136
Conc: 109.03 ug/L m

Instrument :

HPLC_N

LabSampleId :

HSTDIC00100

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