

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006177.D Vial: 2
 Acq On : 24-Jul-2014, 14:00 Operator: HNP
 Sample : SSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 16:07 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 LabSampleId :
 SSTDCCC0500

Manual Integrations
 APPROVED

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 7/31/2014 7:04:21 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 17:06:08 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	1.33	1959822	444.980 ug/L
Target Compounds			
2) T HMX	0.88	2038742	452.049 ug/L
3) T RDX	1.72	2414165	431.253 ug/L
4) T 1,3,5-Trinitrobenzene	2.73	5055872	458.004 ug/L
5) T 1,3-Dinitrobenzene	3.63	7801809	464.646 ng/ml
6) T 3,5-Dinitroaniline	4.00	6272475	465.459 ug/L
7) T Nitrobenzene	4.91	4641612	451.216 ug/L
8) T Tetryl	6.50	3406406	438.225 ug/L
9) T 2,4,6-Trinitrotoluene	6.78	4881211	461.393 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.30	5022692	440.569 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.69	3360238	484.850 ug/L
12) T 2,4-Dinitrotoluene	8.50	7143329	450.748 ug/L
13) T 2,6-Dinitrotoluene	8.94	3969062	465.276 ug/L
14) T 2-Nitrotoluene	12.38	2968356	431.360 ug/L m
15) T 4-Nitrotoluene	13.16	2442234	440.349 ug/L m
16) T 3-Nitrotoluene	14.51	3241068	453.560 ug/L m
17) T PETN	19.79	4584193	517.552 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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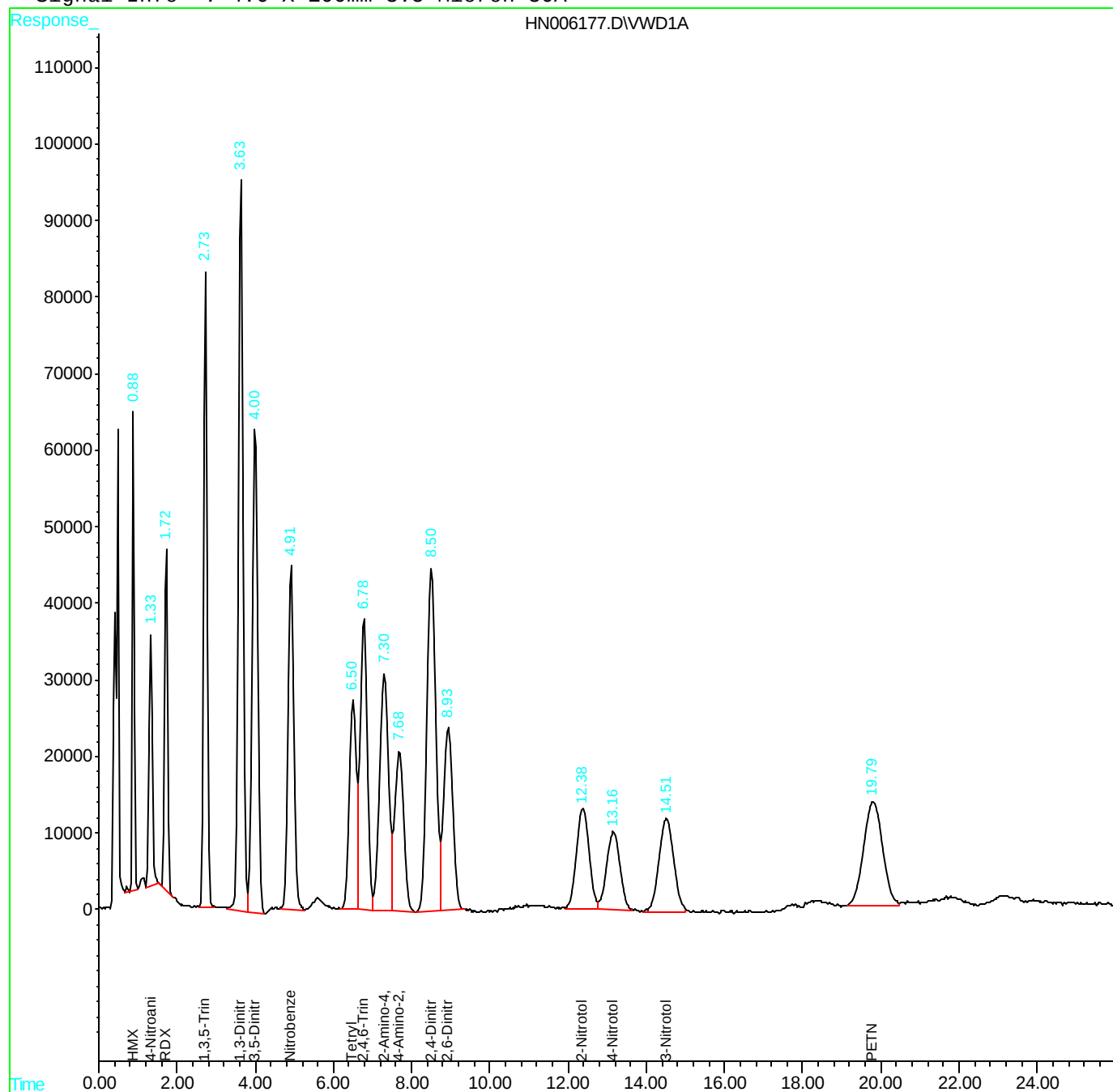
Instrument :
HPLC_N
LabSampleId :
SSTDCCC0500

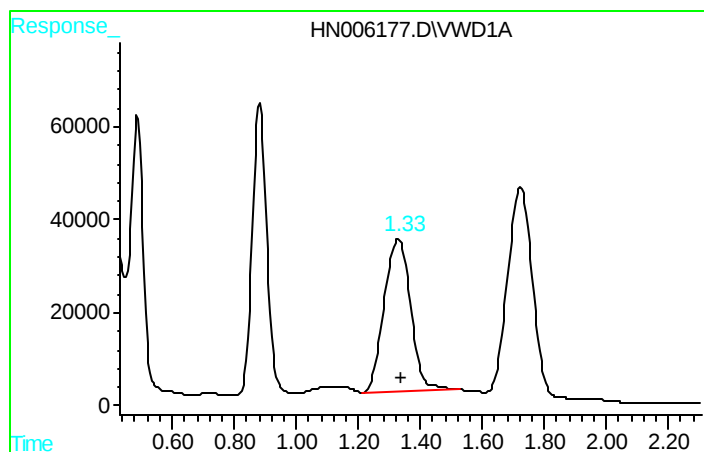
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





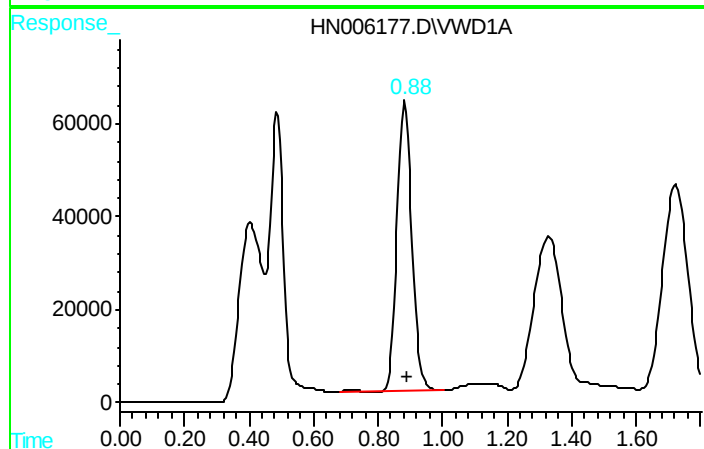
#1 4-Nitroaniline

R.T.: 1.330 min
Delta R.T.: -0.007 min
Response: 1959822
Conc: 444.98 ug/L

Instrument :
HPLC_N
LabSampleId :
SSTDCCC0500

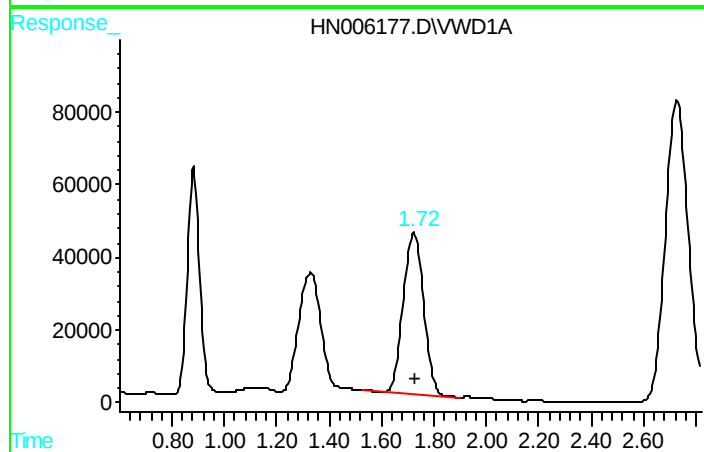
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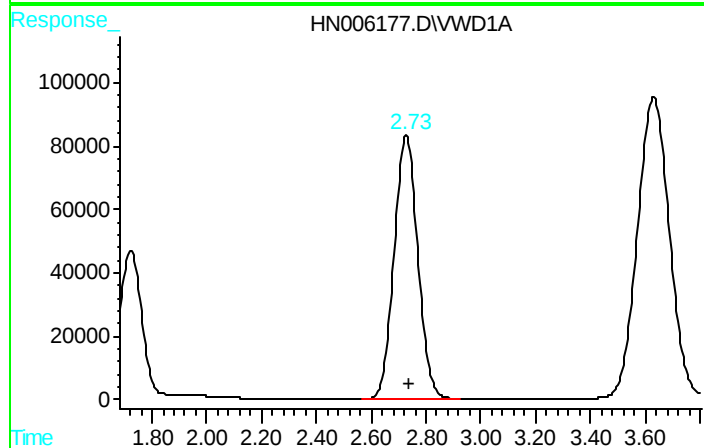
#2 HMX

R.T.: 0.884 min
Delta R.T.: -0.004 min
Response: 2038742
Conc: 452.05 ug/L



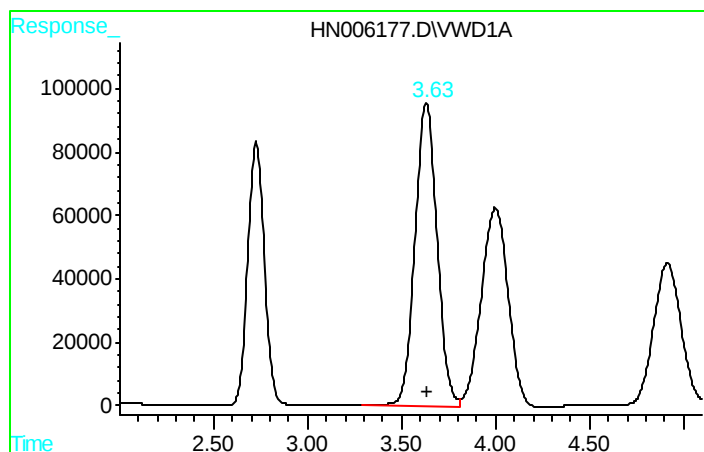
#3 RDX

R.T.: 1.724 min
Delta R.T.: -0.007 min
Response: 2414165
Conc: 431.25 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.728 min
Delta R.T.: -0.008 min
Response: 5055872
Conc: 458.00 ug/L



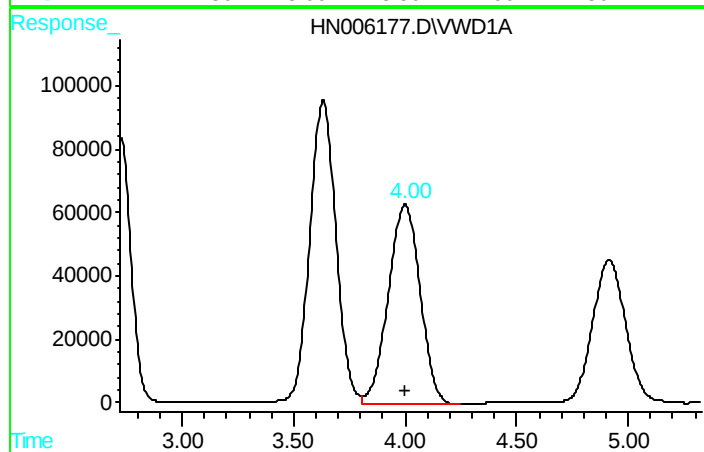
#5 1,3-Dinitrobenzene

R.T.: 3.632 min
Delta R.T.: -0.007 min
Response: 7801809
Conc: 464.65 ng/ml

Instrument :
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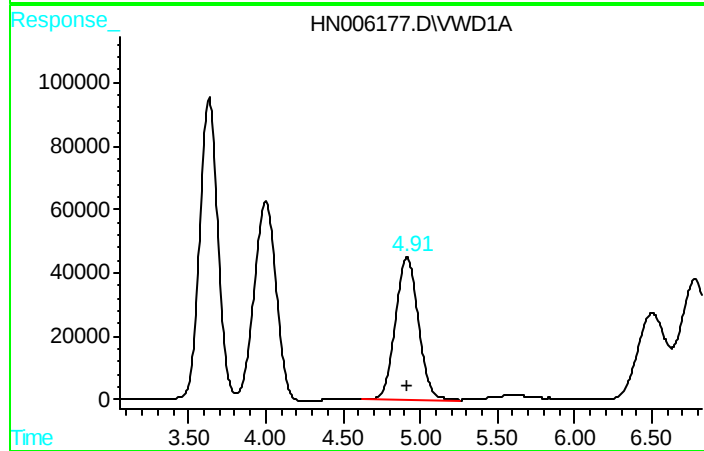
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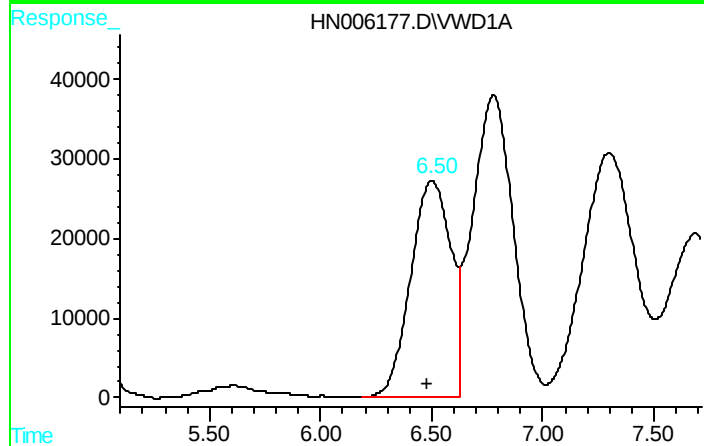
#6 3,5-Dinitroaniline

R.T.: 4.000 min
Delta R.T.: 0.002 min
Response: 6272475
Conc: 465.46 ug/L



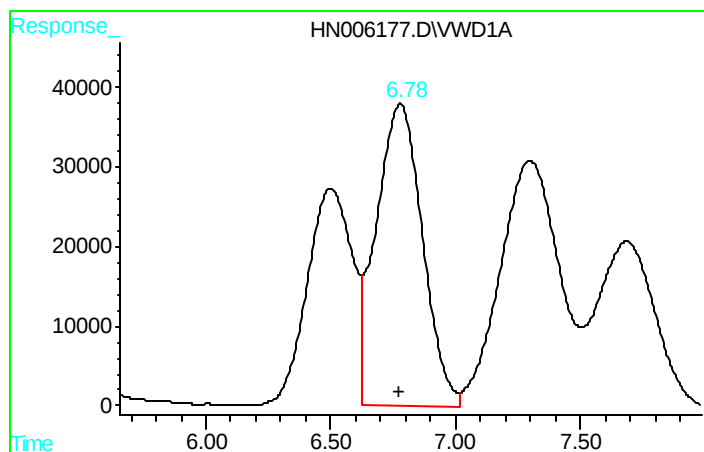
#7 Nitrobenzene

R.T.: 4.915 min
Delta R.T.: -0.004 min
Response: 4641612
Conc: 451.22 ug/L



#8 Tetryl

R.T.: 6.502 min
Delta R.T.: 0.026 min
Response: 3406406
Conc: 438.22 ug/L



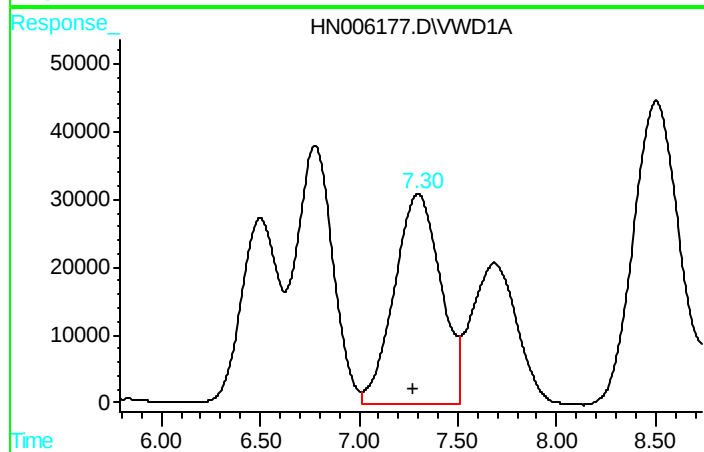
#9 2,4,6-Trinitrotoluene

R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 4881211
Conc: 461.39 ug/L

Instrument :
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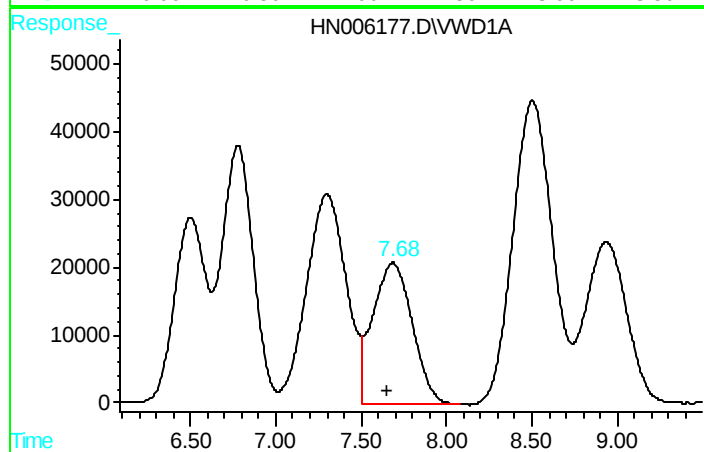
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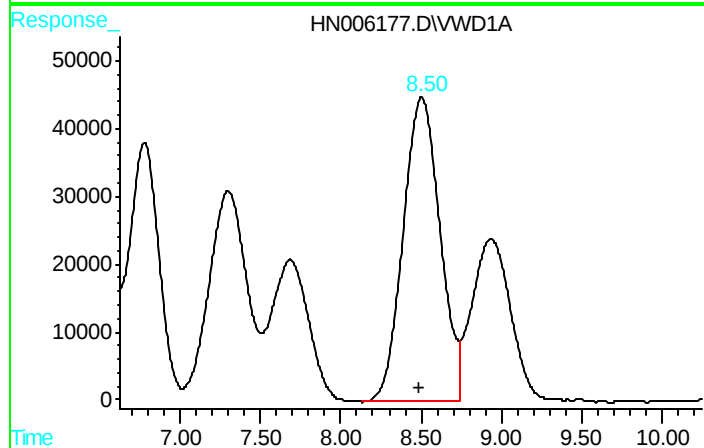
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.299 min
Delta R.T.: 0.026 min
Response: 5022692
Conc: 440.57 ug/L



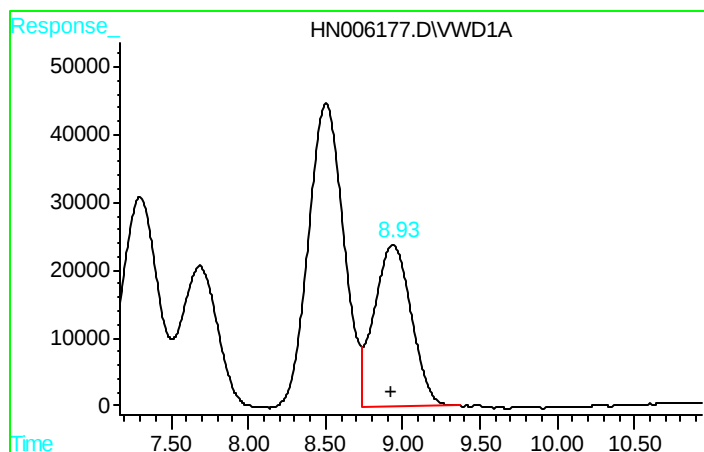
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.686 min
Delta R.T.: 0.034 min
Response: 3360238
Conc: 484.85 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.504 min
Delta R.T.: 0.016 min
Response: 7143329
Conc: 450.75 ug/L



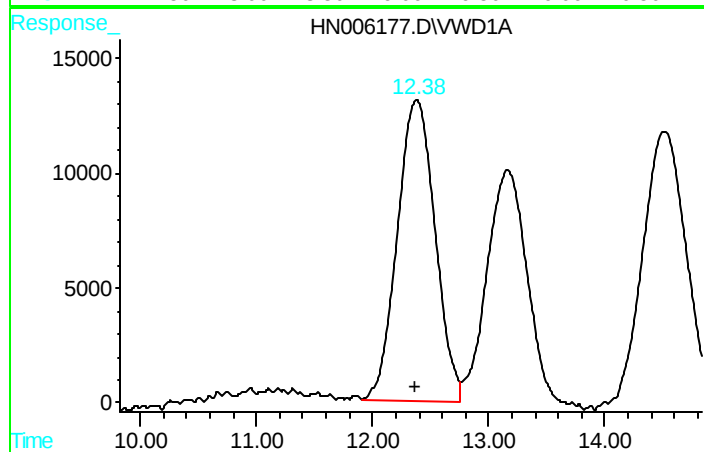
#13 2,6-Dinitrotoluene

R.T.: 8.936 min
Delta R.T.: 0.017 min
Response: 3969062
Conc: 465.28 ug/L

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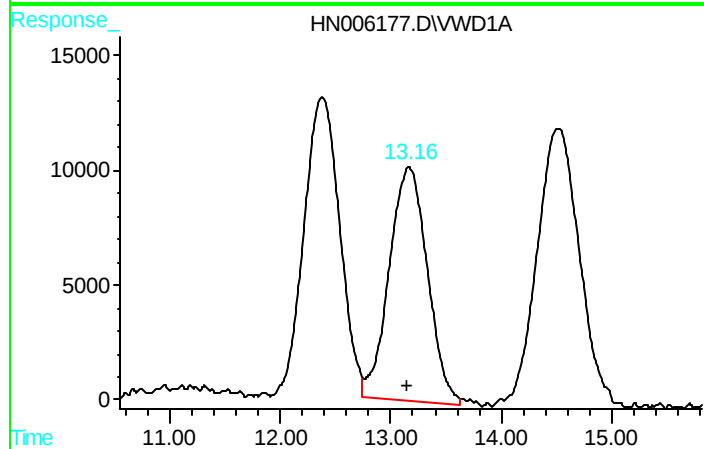
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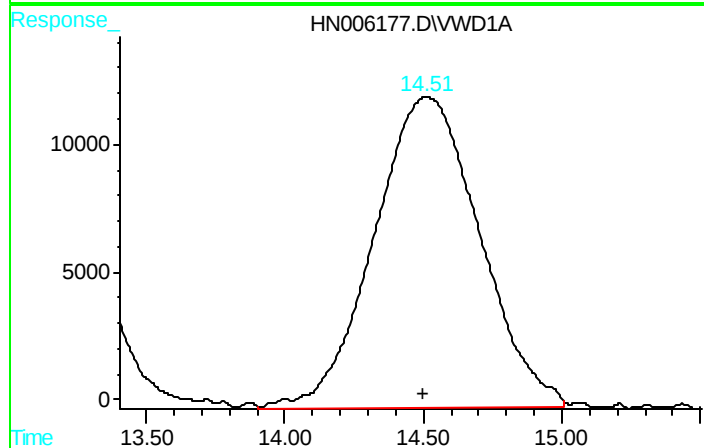
#14 2-Nitrotoluene

R.T.: 12.380 min
Delta R.T.: 0.022 min
Response: 2968356
Conc: 431.36 ug/L m



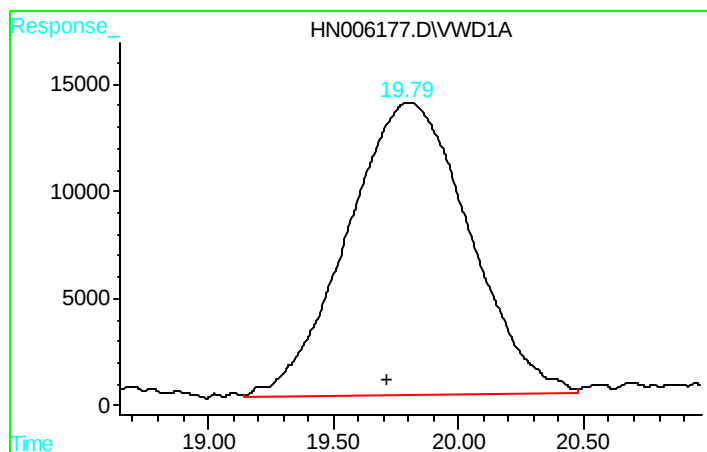
#15 4-Nitrotoluene

R.T.: 13.156 min
Delta R.T.: 0.009 min
Response: 2442234
Conc: 440.35 ug/L m



#16 3-Nitrotoluene

R.T.: 14.508 min
Delta R.T.: 0.012 min
Response: 3241068
Conc: 453.56 ug/L m



#17 PETN

R.T.: 19.788 min
Delta R.T.: 0.077 min
Response: 4584193
Conc: 517.55 ug/L m

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