

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN053013\HN005339.D Vial: 1
 Acq On : 30-May-2013, 15:41 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 30 17:19 2013 Quant Results File: HN052213.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 5/31/2013 5:29:20 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
 Title :
 Last Update : Fri May 24 05:23:33 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	1.44	2174432	511.601 ug/L
Target Compounds			
2) T HMX	0.98	2158552	507.377 ug/L
3) T RDX	1.86	2524885	490.890 ug/L
4) T 1,3,5-Trinitrobenzene	2.85	5236779	477.548 ug/L
5) T 1,3-Dinitrobenzene	3.77	7625060	585.506 ng/mlm
6) T 3,5-Dinitroaniline	4.20	6292460	404.202 ug/L m
7) T Nitrobenzene	4.99	4504525	483.951 ug/L m
8) T Tetryl	6.64f	2444174	406.940 ug/L m
9) T 2,4,6-Trinitrotoluene	6.84	5797851	495.961 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.48f	4986701	467.038 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.83	2943553	482.033 ug/L m
12) T 2,4-Dinitrotoluene	8.54	7005656	481.621 ug/L m
13) T 2,6-Dinitrotoluene	8.97	3997919	484.588 ug/L m
14) T 2-Nitrotoluene	12.22	3114300	499.340 ug/L m
15) T 4-Nitrotoluene	13.01	2630215	501.430 ug/L m
16) T 3-Nitrotoluene	14.38	3428054	516.138 ug/L m
17) T PETN	20.06	8217008	956.620 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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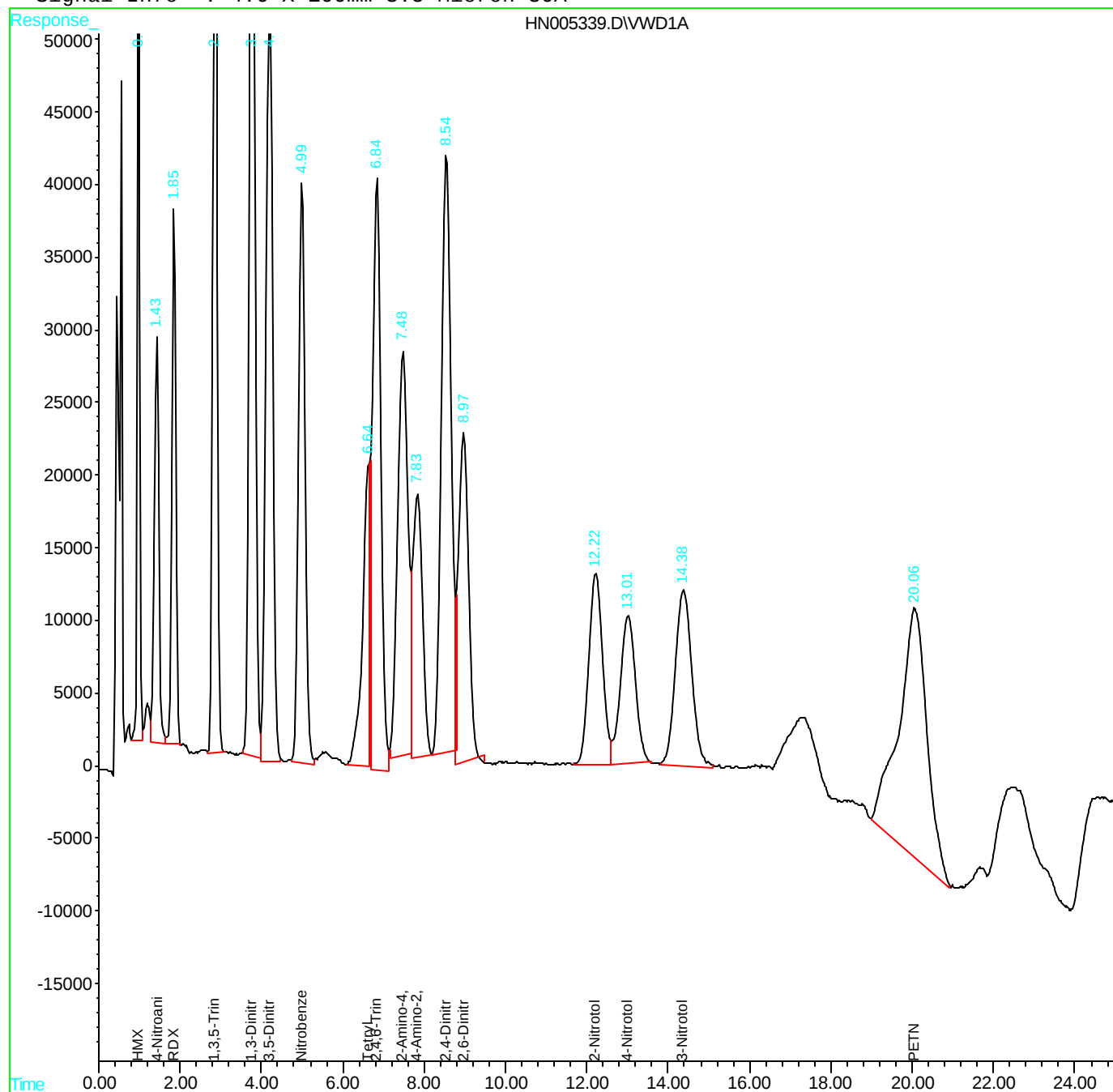
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

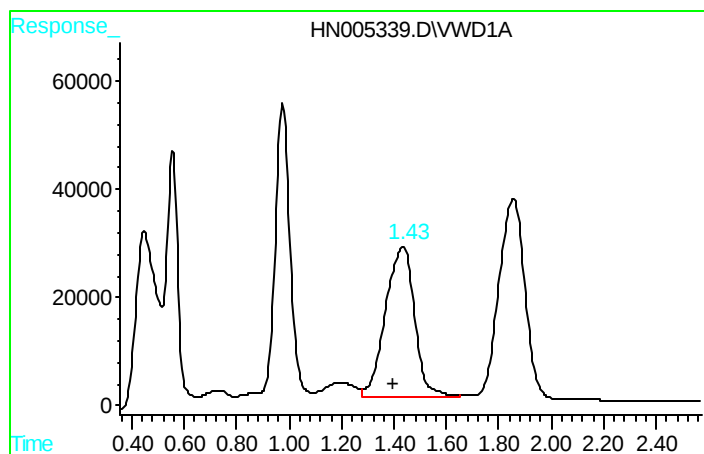
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 05:23:33 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





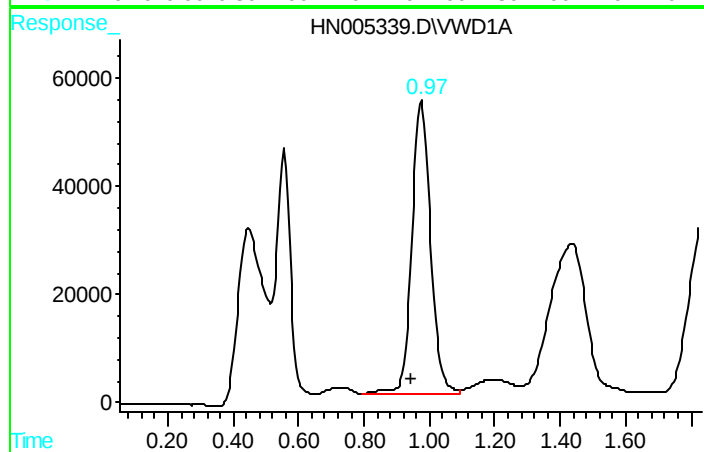
#1 4-Nitroaniline

R.T.: 1.435 min
Delta R.T.: 0.037 min
Response: 2174432
Conc: 511.60 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

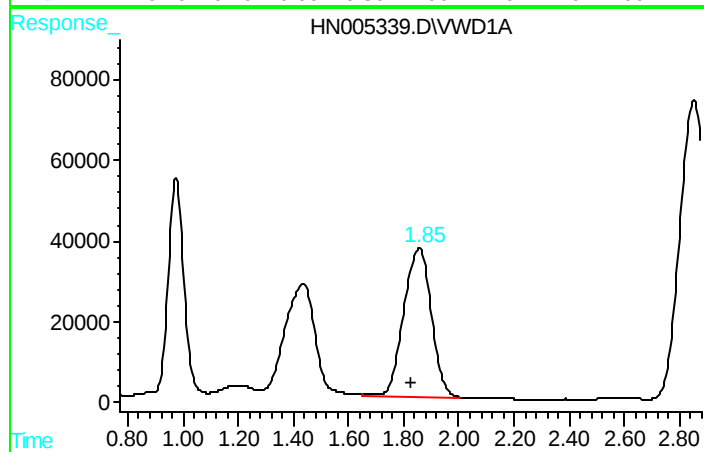
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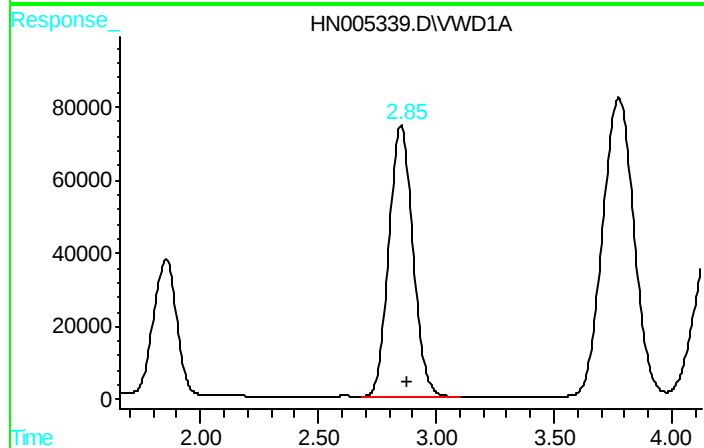
#2 HMX

R.T.: 0.976 min
Delta R.T.: 0.031 min
Response: 2158552
Conc: 507.38 ug/L



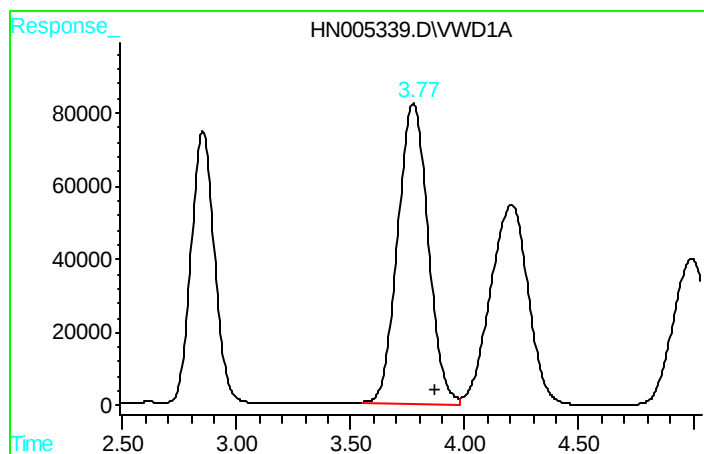
#3 RDX

R.T.: 1.856 min
Delta R.T.: 0.031 min
Response: 2524885
Conc: 490.89 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.853 min
Delta R.T.: -0.025 min
Response: 5236779
Conc: 477.55 ug/L



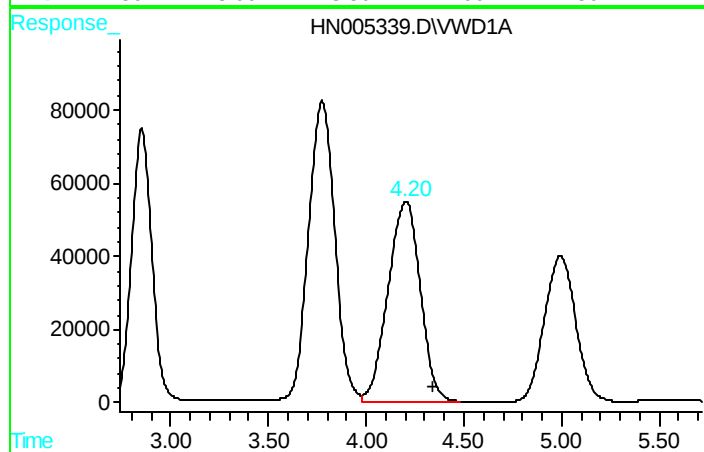
#5 1,3-Dinitrobenzene

R.T.: 3.774 min
Delta R.T.: -0.092 min
Response: 7625060
Conc: 585.51 ng/ml

Instrument :
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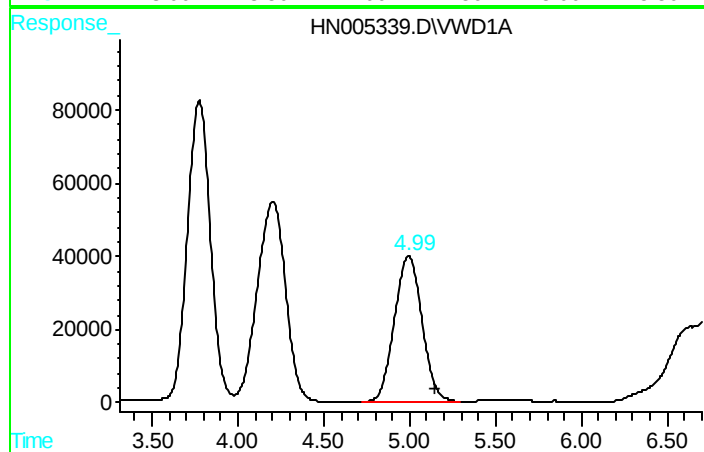
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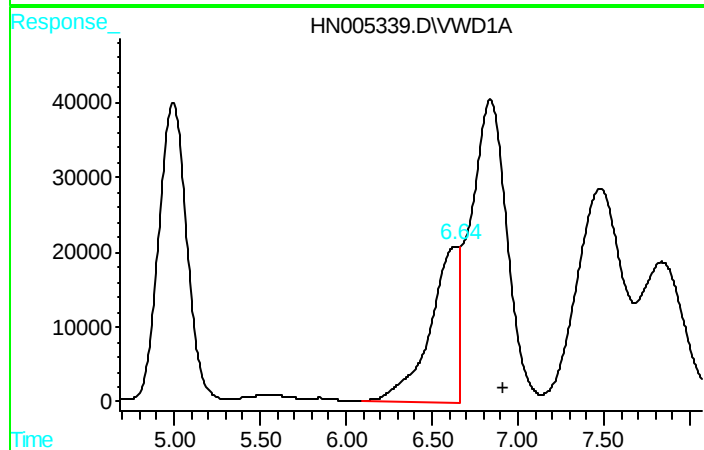
#6 3,5-Dinitroaniline

R.T.: 4.203 min
Delta R.T.: -0.137 min
Response: 6292460
Conc: 404.20 ug/L m



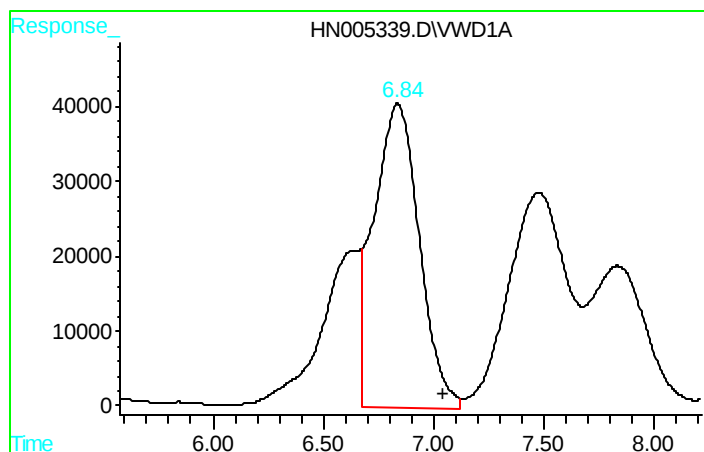
#7 Nitrobenzene

R.T.: 4.993 min
Delta R.T.: -0.151 min
Response: 4504525
Conc: 483.95 ug/L m



#8 Tetryl

R.T.: 6.635 min
Delta R.T.: -0.276 min
Response: 2444174
Conc: 406.94 ug/L m



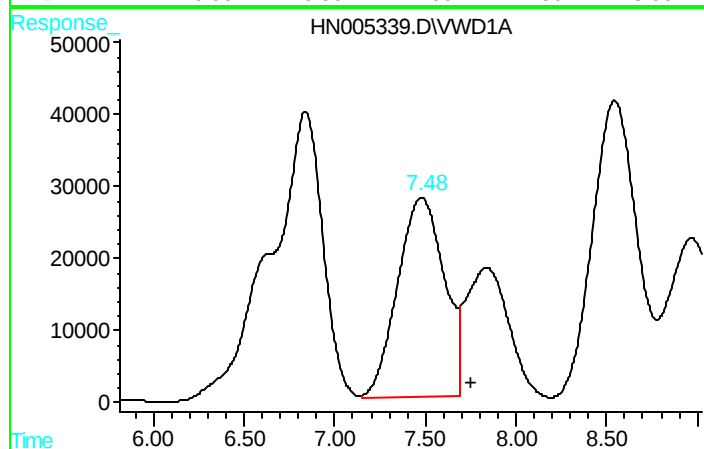
#9 2,4,6-Trinitrotoluene

R.T.: 6.838 min
Delta R.T.: -0.211 min
Response: 5797851
Conc: 495.96 ug/L m

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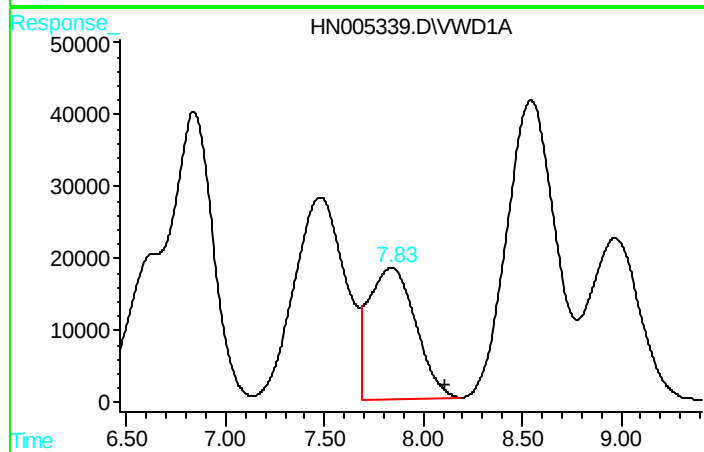
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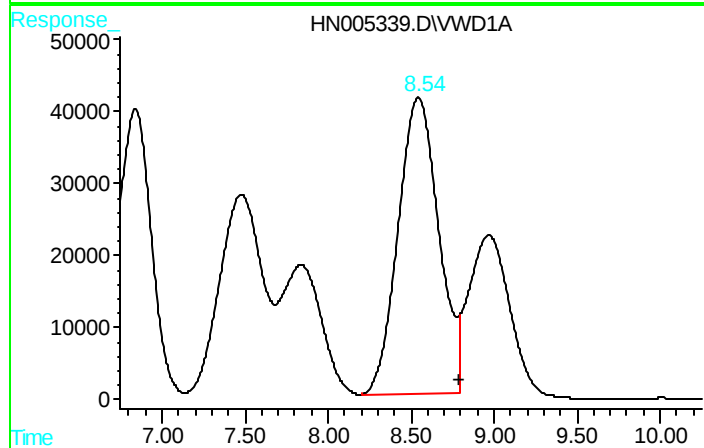
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.479 min
Delta R.T.: -0.272 min
Response: 4986701
Conc: 467.04 ug/L m



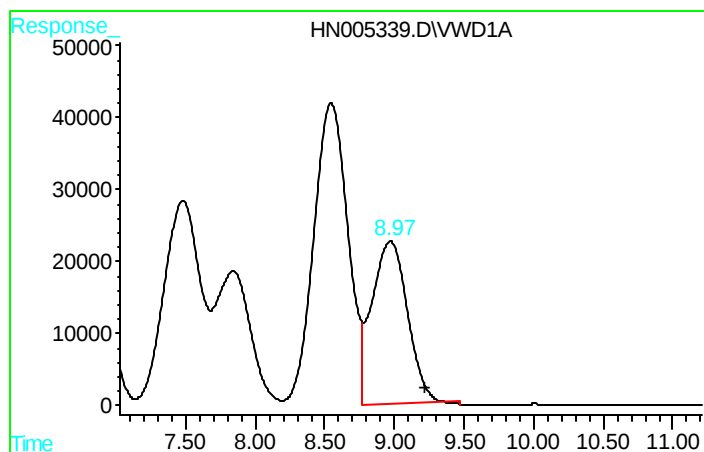
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.835 min
Delta R.T.: -0.275 min
Response: 2943553
Conc: 482.03 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.543 min
Delta R.T.: -0.249 min
Response: 7005656
Conc: 481.62 ug/L m



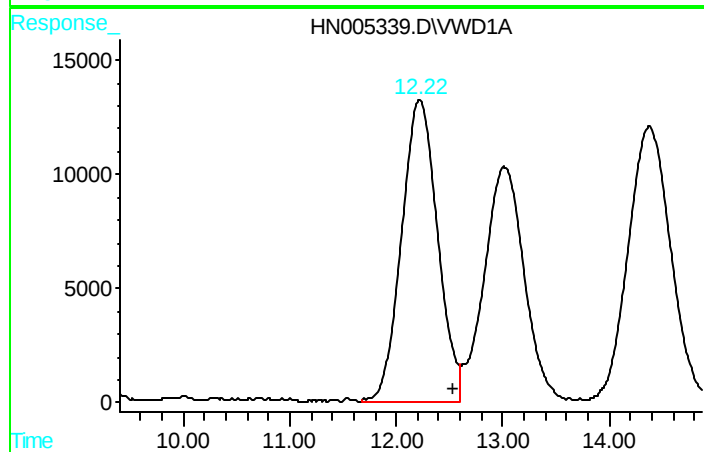
#13 2,6-Dinitrotoluene

R.T.: 8.967 min
Delta R.T.: -0.256 min
Response: 3997919
Conc: 484.59 ug/L m

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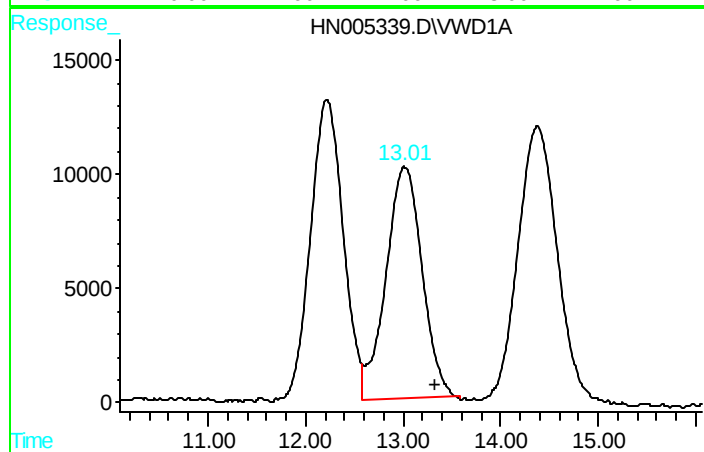
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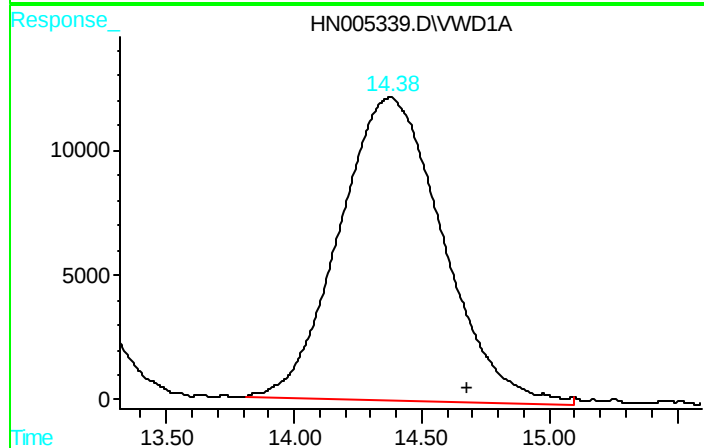
#14 2-Nitrotoluene

R.T.: 12.218 min
Delta R.T.: -0.320 min
Response: 3114300
Conc: 499.34 ug/L m



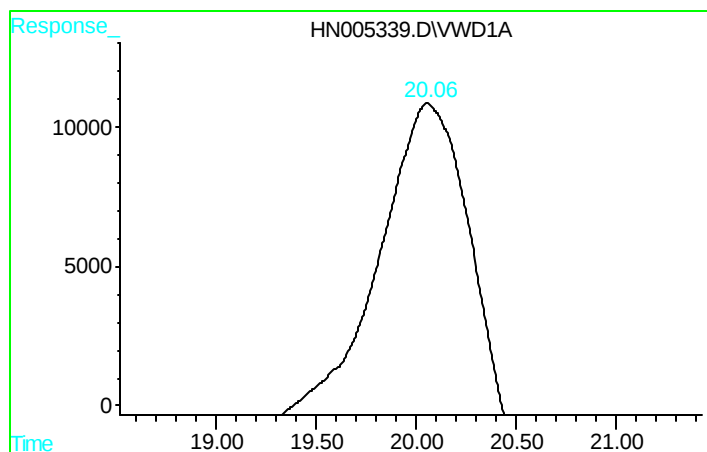
#15 4-Nitrotoluene

R.T.: 13.006 min
Delta R.T.: -0.329 min
Response: 2630215
Conc: 501.43 ug/L m



#16 3-Nitrotoluene

R.T.: 14.378 min
Delta R.T.: -0.297 min
Response: 3428054
Conc: 516.14 ug/L m



#17 PETN

R.T.: 20.060 min
Delta R.T.: -0.261 min
Response: 8217008
Conc: 956.62 ug/L m

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