

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005694.D Vial: 7
 Acq On : 11-Nov-2013, 17:31 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 17:12 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN111113

Manual Integrations
 APPROVED

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 11/12/2013 3:42:23 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
 Title :
 Last Update : Mon Nov 11 16:27:41 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	1944203	495.804 ug/L
Target Compounds			
2) T HMX	0.90	2096202	519.334 ug/L
3) T RDX	1.71	2636847	473.028 ug/L
4) T 1,3,5-Trinitrobenzene	2.79	5235685	503.376 ug/L
5) T 3,5-Dinitroaniline	3.69	8216336	486.131 ng/ml
6) T 1,3-Dinitrobenzene	4.05	6549203	474.206 ug/L
7) T Nitrobenzene	4.94	5137696	495.529 ug/L
8) T Tetryl	6.60	3435434	490.169 ug/L
9) T 2,4,6-Trinitrotoluene	6.92	5510941	479.722 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.38	5148909	478.671 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.77	3268903	517.656 ug/L
12) T 2,4-Dinitrotoluene	8.61	7440605	504.997 ug/L
13) T 2,6-Dinitrotoluene	9.04	4096955	498.940 ug/L
14) T 2-Nitrotoluene	12.41	3298088	514.602 ug/L
15) T 4-Nitrotoluene	13.23	2554134	492.195 ug/L m
16) T 3-Nitrotoluene	14.56	10020323	509.284 ug/L m
17) T PETN	20.18	4422156	476.829 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 : HSTDICV0500 Inst : G1314A
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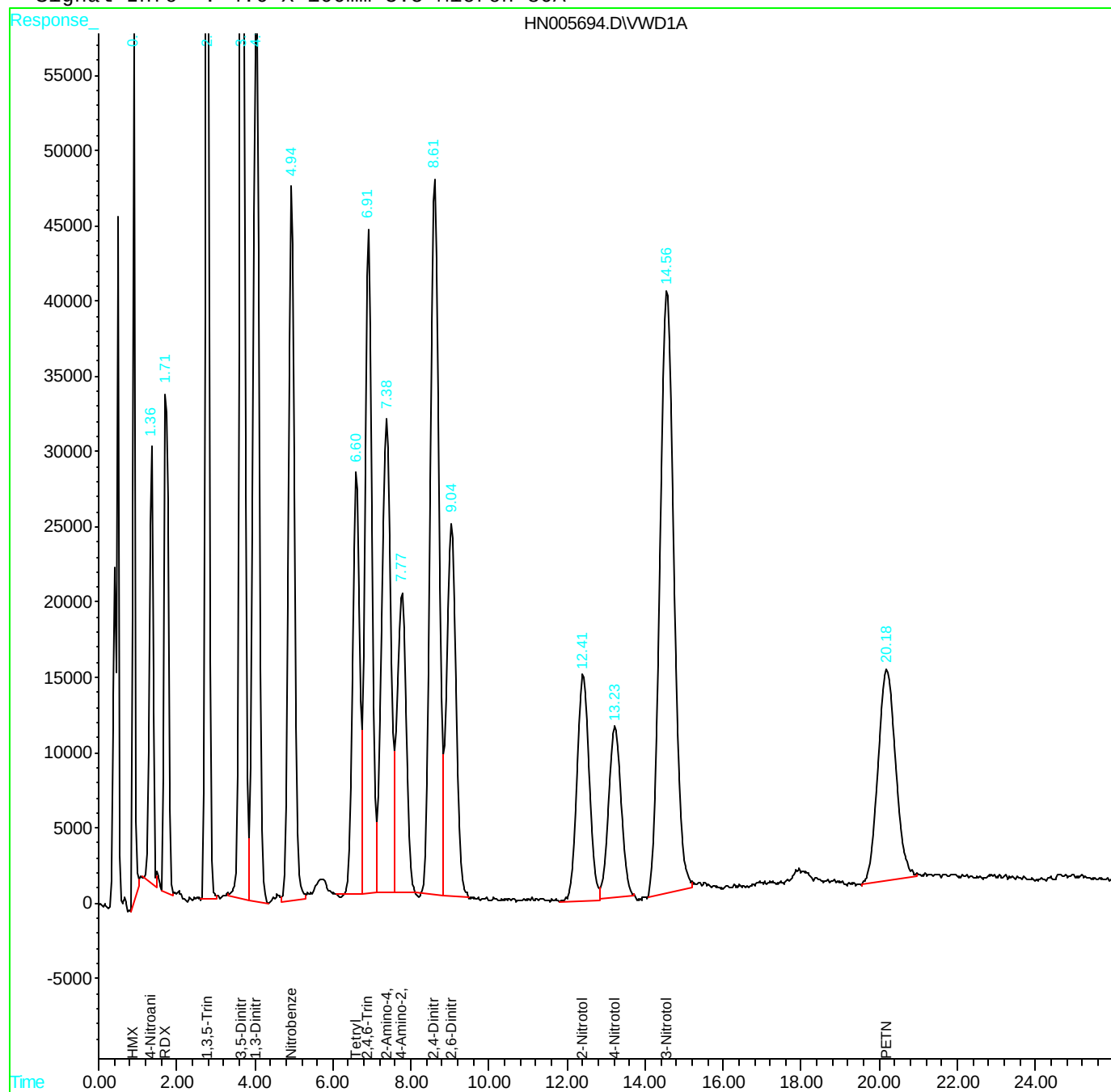
Instrument :
HPLC_N
ClientSampleId :
ICVHN111113

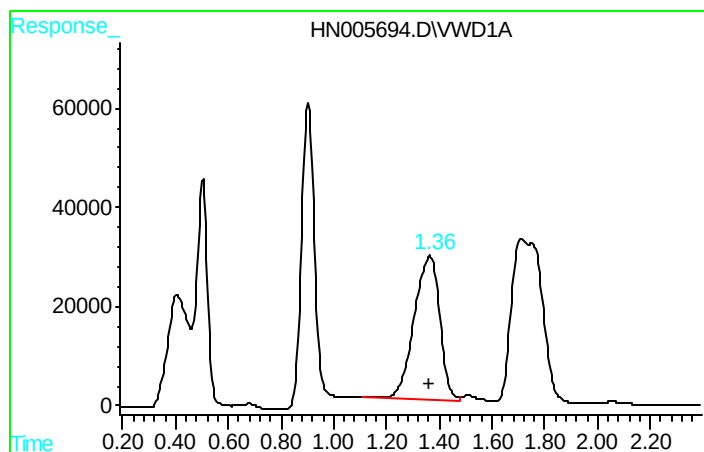
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





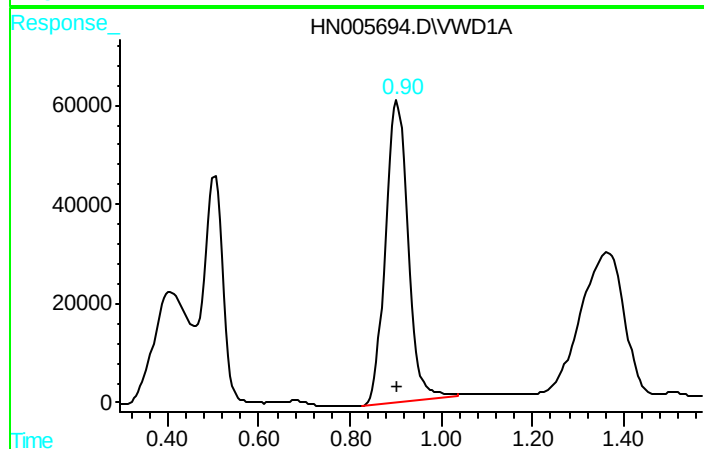
#1 4-Nitroaniline

R.T.: 1.365 min
Delta R.T.: 0.004 min
Response: 1944203
Conc: 495.80 ug/L

Instrument :
HPLC_N
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ICVHN111113

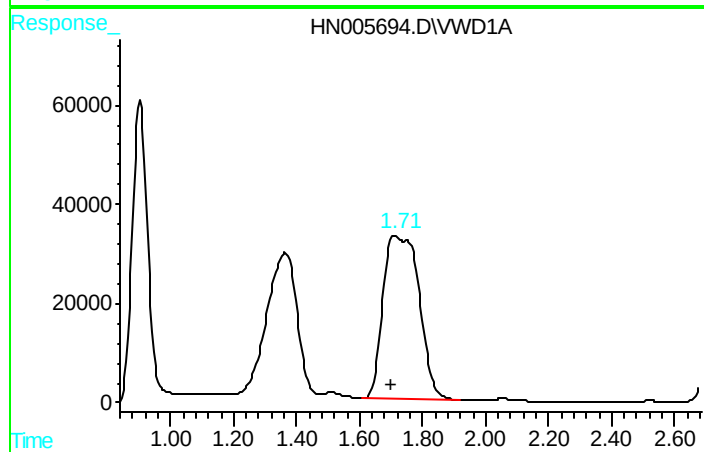
Manual Integrations
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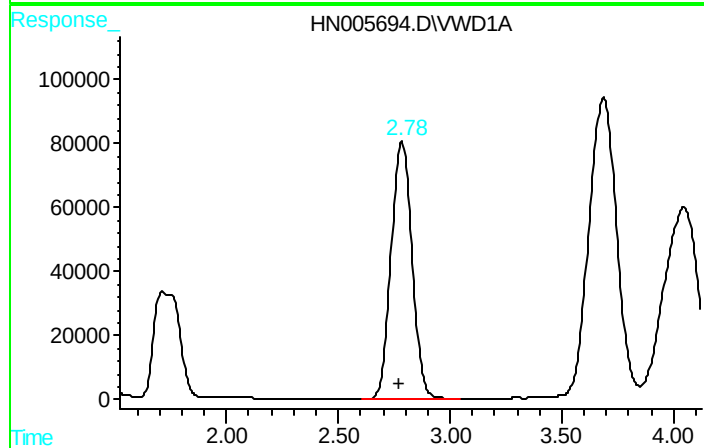
#2 HMX

R.T.: 0.904 min
Delta R.T.: 0.002 min
Response: 2096202
Conc: 519.33 ug/L



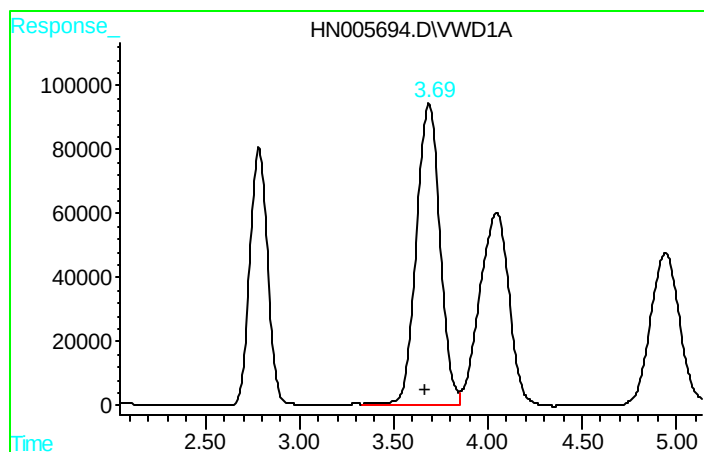
#3 RDX

R.T.: 1.714 min
Delta R.T.: 0.012 min
Response: 2636847
Conc: 473.03 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.785 min
Delta R.T.: 0.013 min
Response: 5235685
Conc: 503.38 ug/L



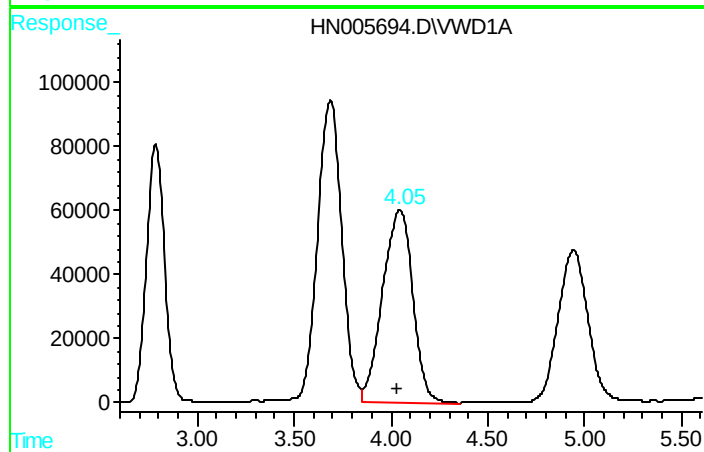
#5 3,5-Dinitroaniline

R.T.: 3.688 min
Delta R.T.: 0.018 min
Response: 8216336
Conc: 486.13 ng/ml

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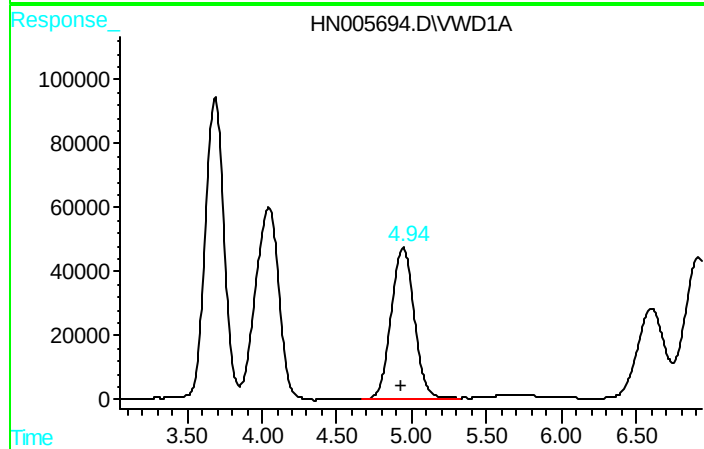
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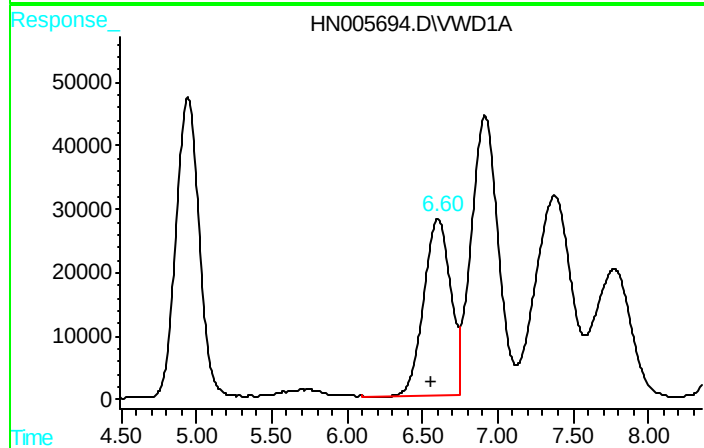
#6 1,3-Dinitrobenzene

R.T.: 4.048 min
Delta R.T.: 0.022 min
Response: 6549203
Conc: 474.21 ug/L



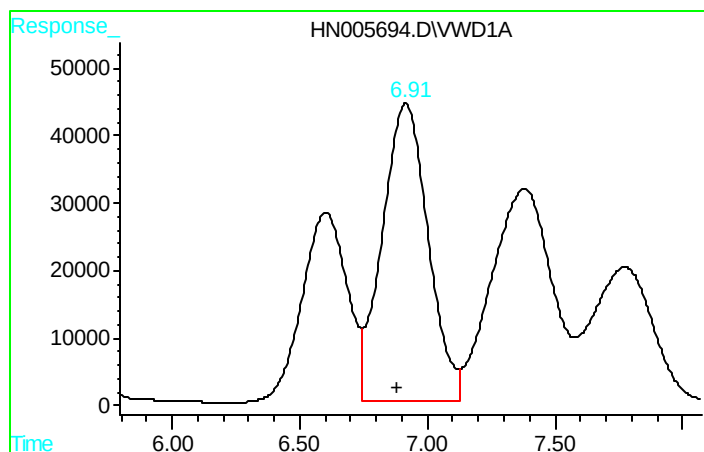
#7 Nitrobenzene

R.T.: 4.943 min
Delta R.T.: 0.021 min
Response: 5137696
Conc: 495.53 ug/L



#8 Tetryl

R.T.: 6.603 min
Delta R.T.: 0.045 min
Response: 3435434
Conc: 490.17 ug/L



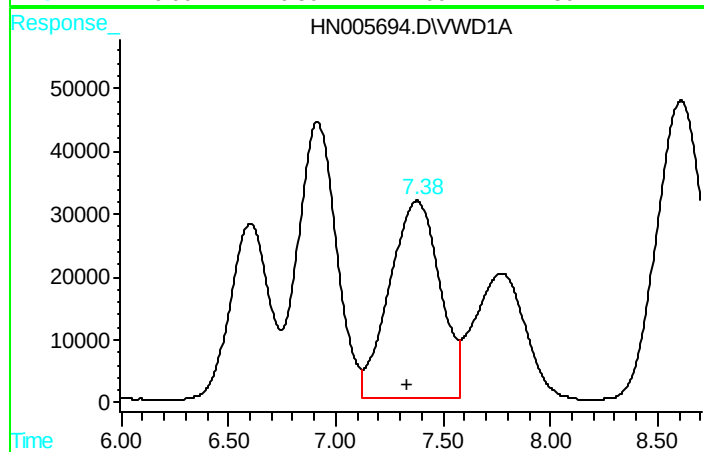
#9 2,4,6-Trinitrotoluene

R.T.: 6.915 min
Delta R.T.: 0.037 min
Response: 5510941
Conc: 479.72 ug/L

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ICVHN111113

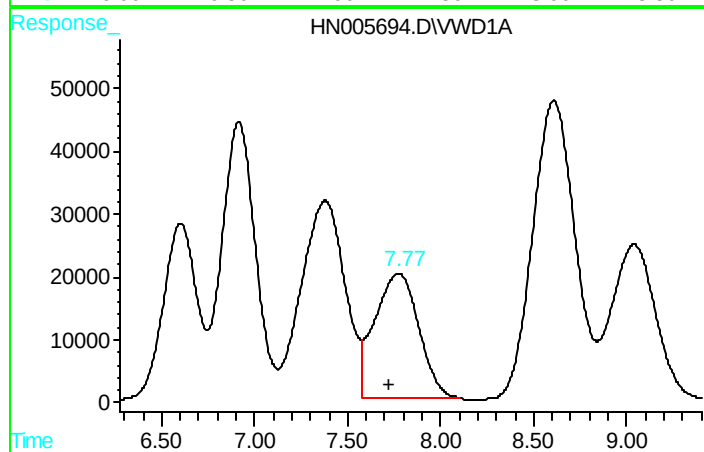
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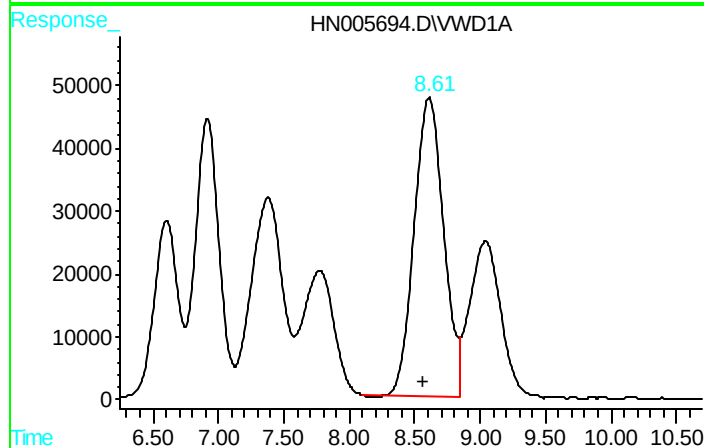
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.380 min
Delta R.T.: 0.046 min
Response: 5148909
Conc: 478.67 ug/L



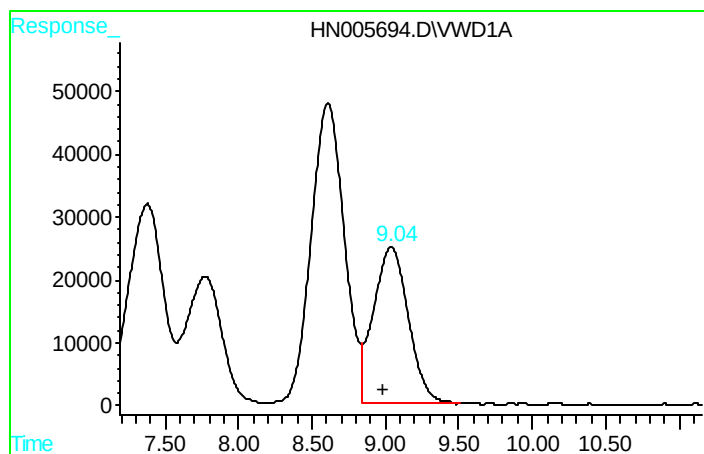
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.774 min
Delta R.T.: 0.050 min
Response: 3268903
Conc: 517.66 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.608 min
Delta R.T.: 0.046 min
Response: 7440605
Conc: 505.00 ug/L



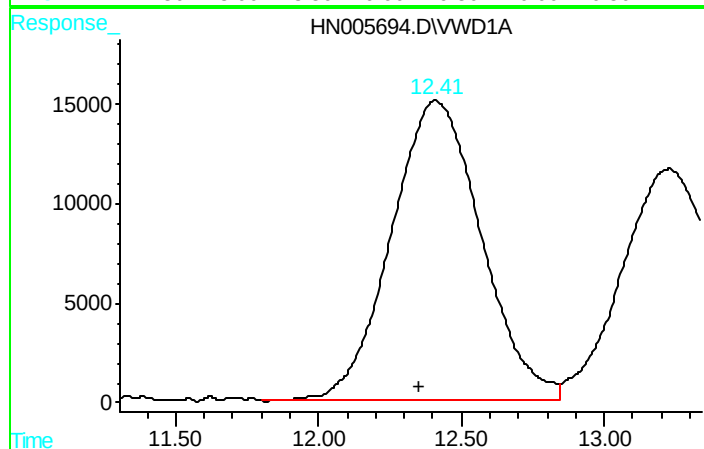
#13 2,6-Dinitrotoluene

R.T.: 9.040 min
Delta R.T.: 0.053 min
Response: 4096955
Conc: 498.94 ug/L

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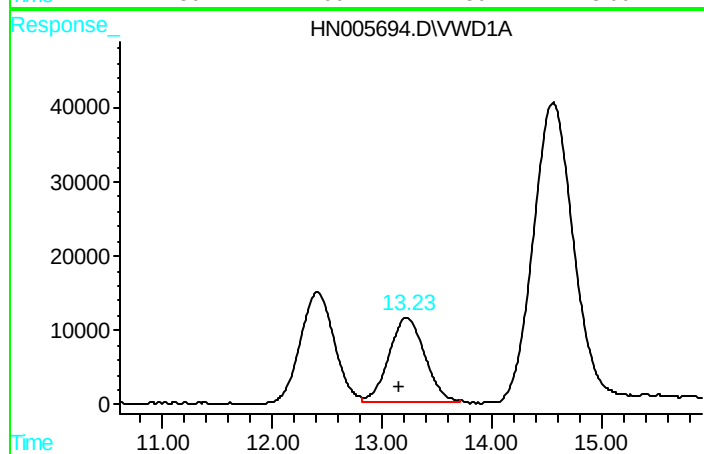
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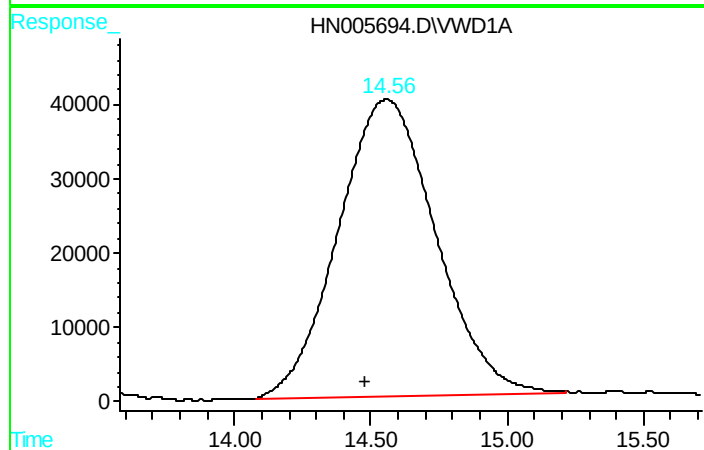
#14 2-Nitrotoluene

R.T.: 12.411 min
Delta R.T.: 0.057 min
Response: 3298088
Conc: 514.60 ug/L



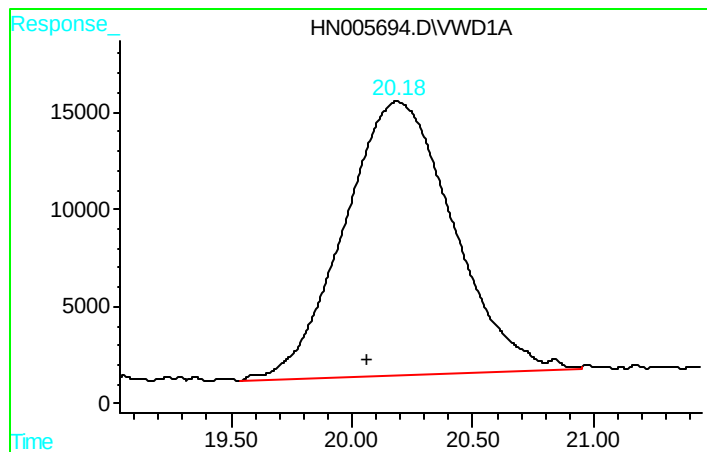
#15 4-Nitrotoluene

R.T.: 13.227 min
Delta R.T.: 0.073 min
Response: 2554134
Conc: 492.20 ug/L m



#16 3-Nitrotoluene

R.T.: 14.558 min
Delta R.T.: 0.078 min
Response: 10020323
Conc: 509.28 ug/L m



#17 PETN

R.T.: 20.184 min
Delta R.T.: 0.120 min
Response: 4422156
Conc: 476.83 ug/L m

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