

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005695.D Vial: 4
 Acq On : 11-Nov-2013, 18:13 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 17:44 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:14 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	1797743	458.454 ug/L
Target Compounds			
2) T HMX	0.90	1939781	480.581 ug/L
3) T RDX	1.71	2553005	457.987 ug/L
4) T 1,3,5-Trinitrobenzene	2.79	5081357	488.538 ug/L
5) T 3,5-Dinitroaniline	3.69	8030469	475.134 ng/ml
6) T 1,3-Dinitrobenzene	4.05	6376640	461.711 ug/L
7) T Nitrobenzene	4.95	5026645	484.819 ug/L
8) T Tetryl	6.61	3408041	486.260 ug/L
9) T 2,4,6-Trinitrotoluene	6.92	5389010	469.108 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.38	5094651	473.627 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.78	3200451	506.816 ug/L
12) T 2,4-Dinitrotoluene	8.62	7256713	492.516 ug/L
13) T 2,6-Dinitrotoluene	9.05	3956098	481.786 ug/L
14) T 2-Nitrotoluene	12.43	3277737	511.427 ug/L m
15) T 4-Nitrotoluene	13.23	2613092	503.557 ug/L m
16) T 3-Nitrotoluene	14.56	9803749	498.277 ug/L m
17) T PETN	20.20	4345595	468.574 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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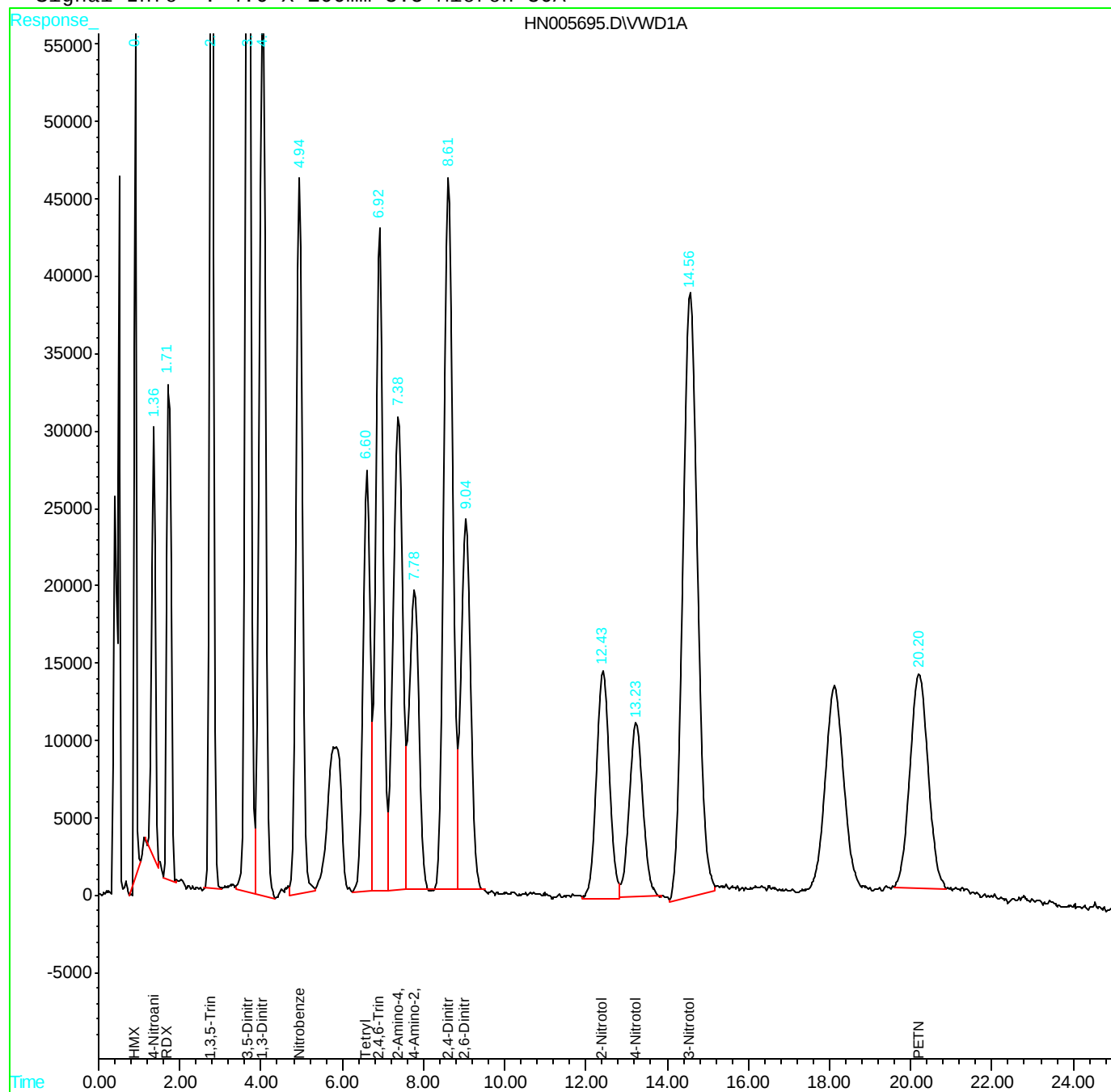
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

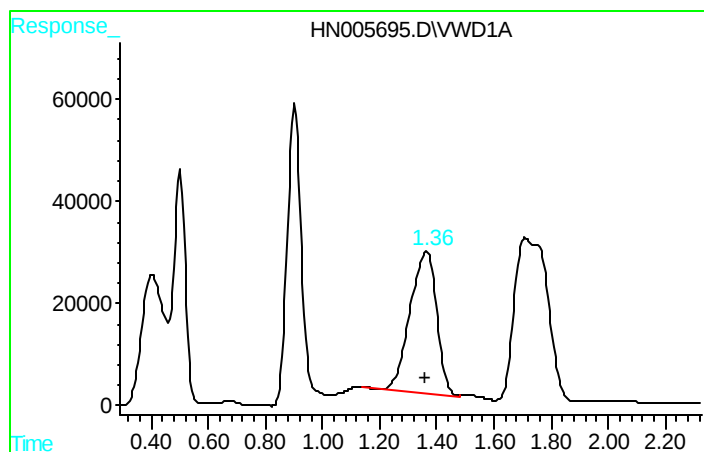
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





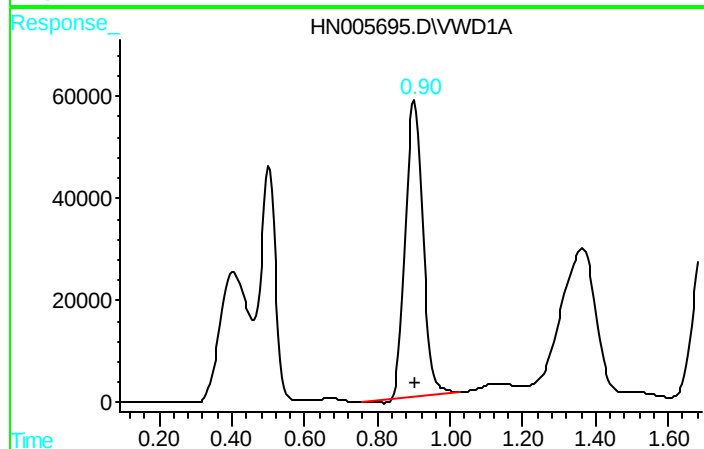
#1 4-Nitroaniline

R.T.: 1.364 min
Delta R.T.: 0.004 min
Response: 1797743
Conc: 458.45 ug/L

Instrument :
HPLC_N
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HSTDCCC0500

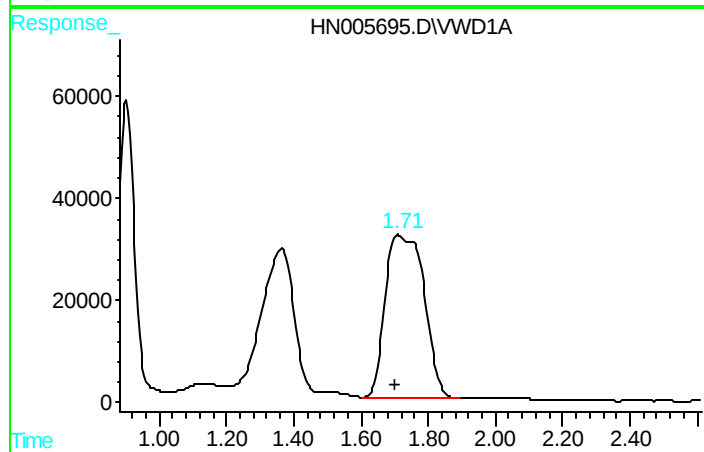
Manual Integrations
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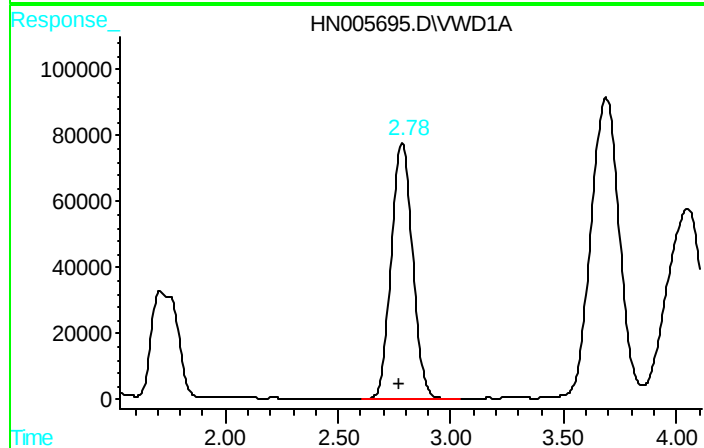
#2 HMX

R.T.: 0.903 min
Delta R.T.: 0.001 min
Response: 1939781
Conc: 480.58 ug/L



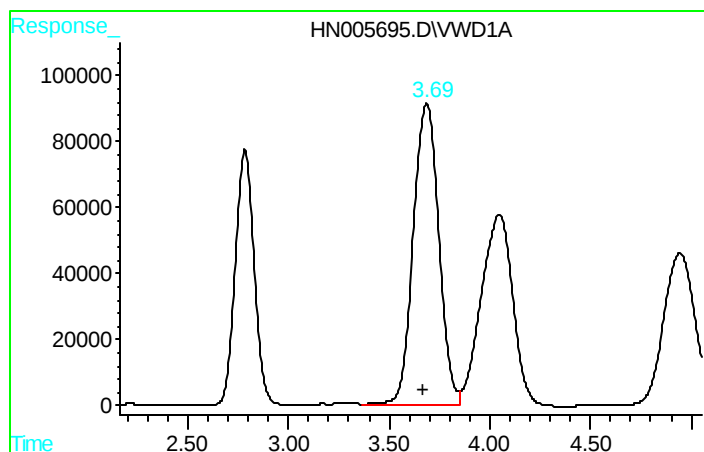
#3 RDX

R.T.: 1.712 min
Delta R.T.: 0.010 min
Response: 2553005
Conc: 457.99 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.785 min
Delta R.T.: 0.013 min
Response: 5081357
Conc: 488.54 ug/L



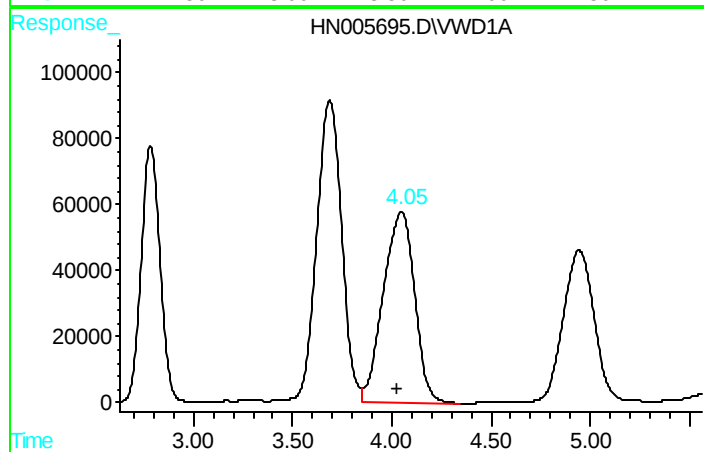
#5 3,5-Dinitroaniline

R.T.: 3.688 min
Delta R.T.: 0.018 min
Response: 8030469
Conc: 475.13 ng/ml

Instrument :
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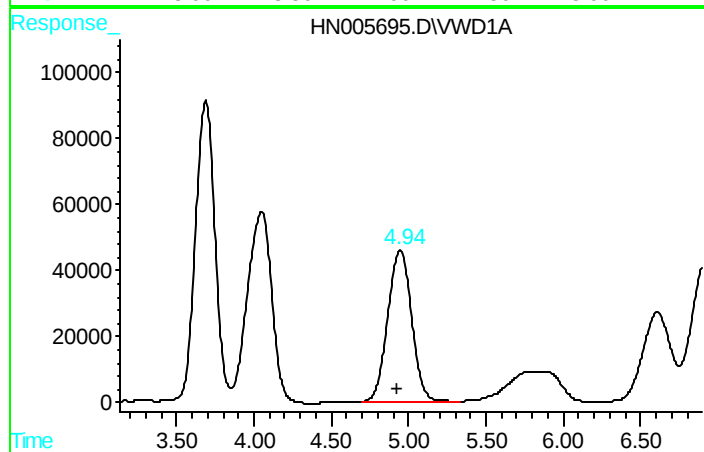
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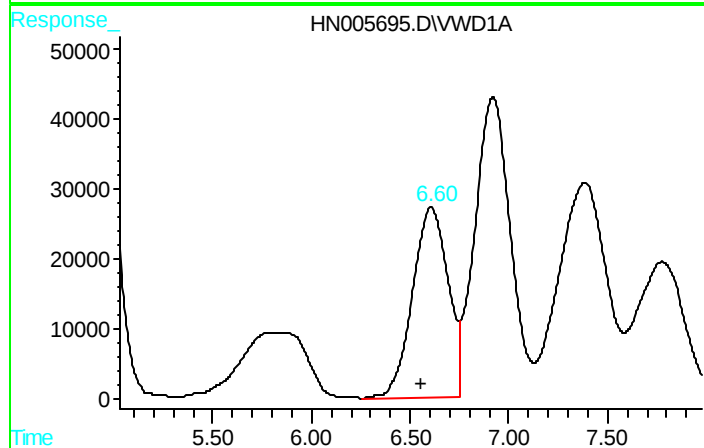
#6 1,3-Dinitrobenzene

R.T.: 4.049 min
Delta R.T.: 0.023 min
Response: 6376640
Conc: 461.71 ug/L



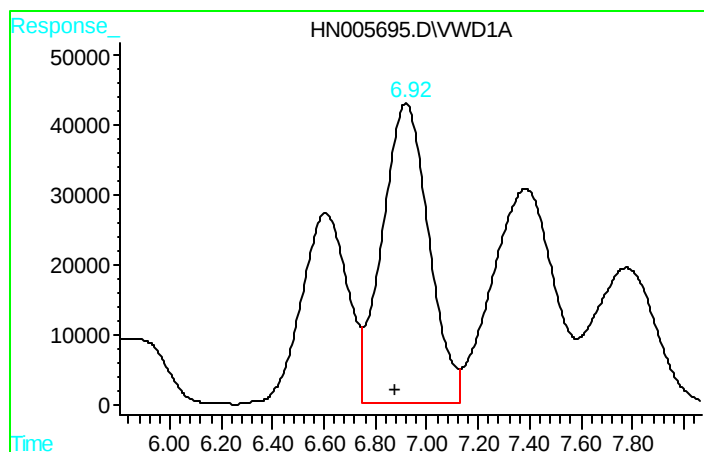
#7 Nitrobenzene

R.T.: 4.945 min
Delta R.T.: 0.023 min
Response: 5026645
Conc: 484.82 ug/L



#8 Tetryl

R.T.: 6.606 min
Delta R.T.: 0.048 min
Response: 3408041
Conc: 486.26 ug/L



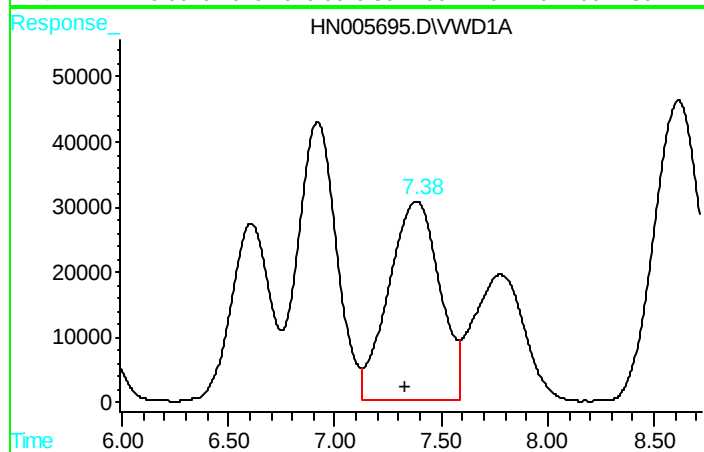
#9 2,4,6-Trinitrotoluene

R.T.: 6.919 min
Delta R.T.: 0.040 min
Response: 5389010
Conc: 469.11 ug/L

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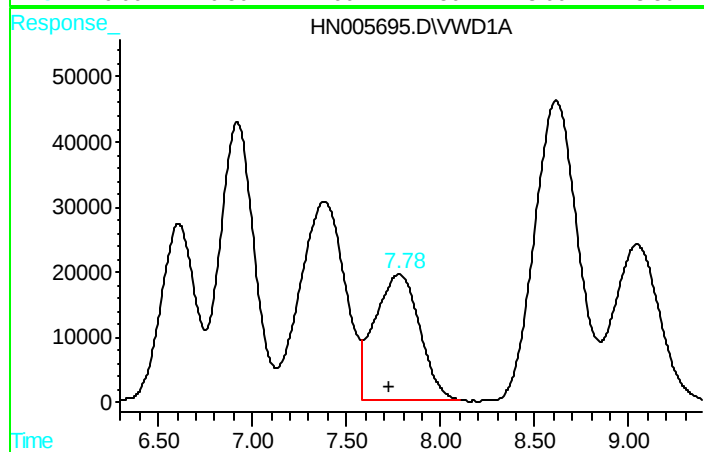
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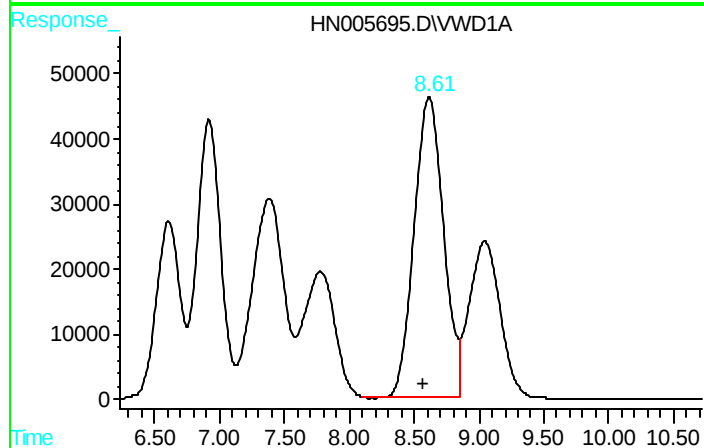
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.384 min
Delta R.T.: 0.050 min
Response: 5094651
Conc: 473.63 ug/L



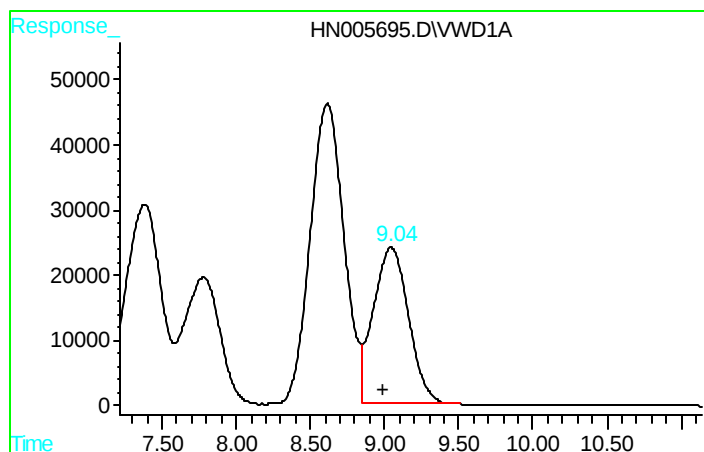
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.778 min
Delta R.T.: 0.054 min
Response: 3200451
Conc: 506.82 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.615 min
Delta R.T.: 0.053 min
Response: 7256713
Conc: 492.52 ug/L



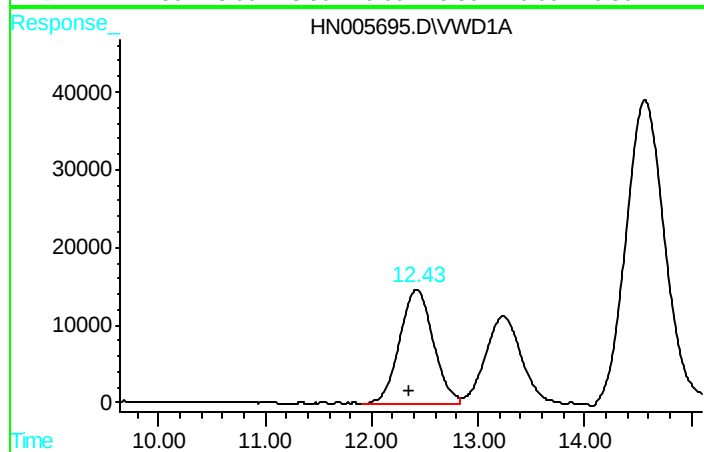
#13 2,6-Dinitrotoluene

R.T.: 9.046 min
Delta R.T.: 0.059 min
Response: 3956098
Conc: 481.79 ug/L

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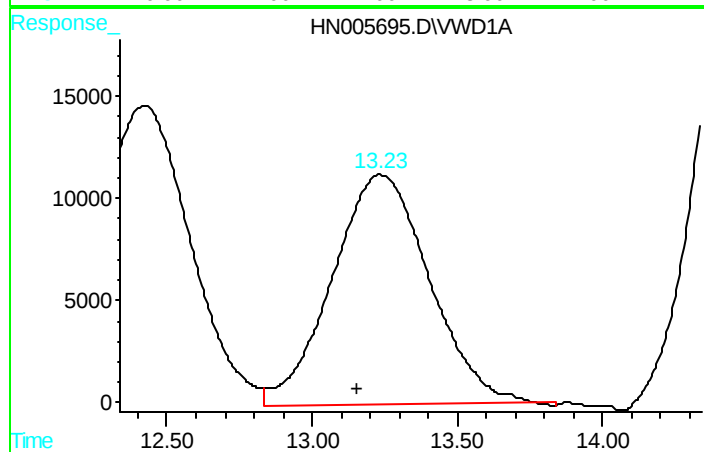
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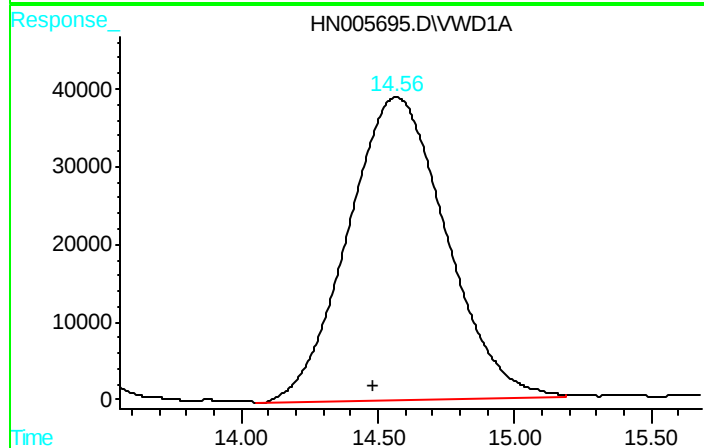
#14 2-Nitrotoluene

R.T.: 12.426 min
Delta R.T.: 0.073 min
Response: 3277737
Conc: 511.43 ug/L m



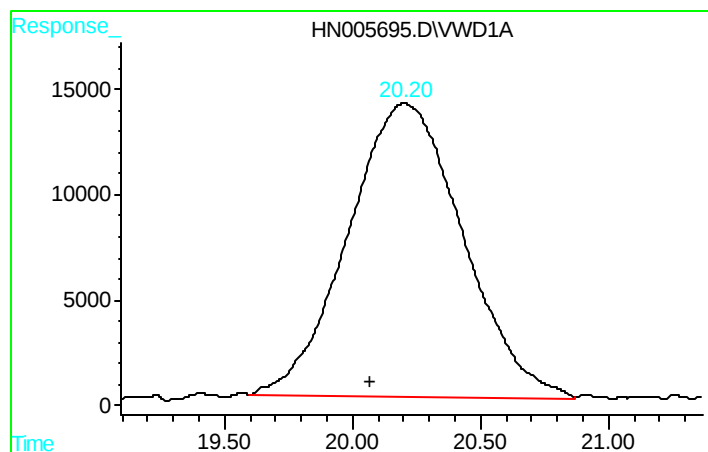
#15 4-Nitrotoluene

R.T.: 13.228 min
Delta R.T.: 0.074 min
Response: 2613092
Conc: 503.56 ug/L m



#16 3-Nitrotoluene

R.T.: 14.565 min
Delta R.T.: 0.085 min
Response: 9803749
Conc: 498.28 ug/L m



#17 PETN

R.T.: 20.200 min
Delta R.T.: 0.136 min
Response: 4345595
Conc: 468.57 ug/L m

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