

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005679.D Vial: 7
 Acq On : 08-Nov-2013, 20:41 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 12:06 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN110813

Manual Integrations
 APPROVED

QI
 11/11/2013 6:42:00 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.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	1.29	1890240	512.076 ug/L
Target Compounds			
2) T HMX	0.87	2022393	503.723 ug/L
3) T RDX	1.63	2675282	489.083 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	5232851	503.297 ug/L
5) T 3,5-Dinitroaniline	3.46	8044193	498.784 ng/ml
6) T 1,3-Dinitrobenzene	3.78	6302461	496.579 ug/L
7) T Nitrobenzene	4.62	5007088	491.284 ug/L
8) T Tetryl	6.02	3716107	541.278 ug/L
9) T 2,4,6-Trinitrotoluene	6.37	5552374	488.825 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.77	5336639	489.068 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.11	3343626	570.176 ug/L
12) T 2,4-Dinitrotoluene	7.91	7386024	500.145 ug/L m
13) T 2,6-Dinitrotoluene	8.29	4157734	527.436 ug/L m
14) T 2-Nitrotoluene	11.38	3313001	517.829 ug/L
15) T 4-Nitrotoluene	12.12	2647988	491.100 ug/L
16) T 3-Nitrotoluene	13.34	3337874	486.684 ug/L
17) T PETN	18.38	4379622	505.770 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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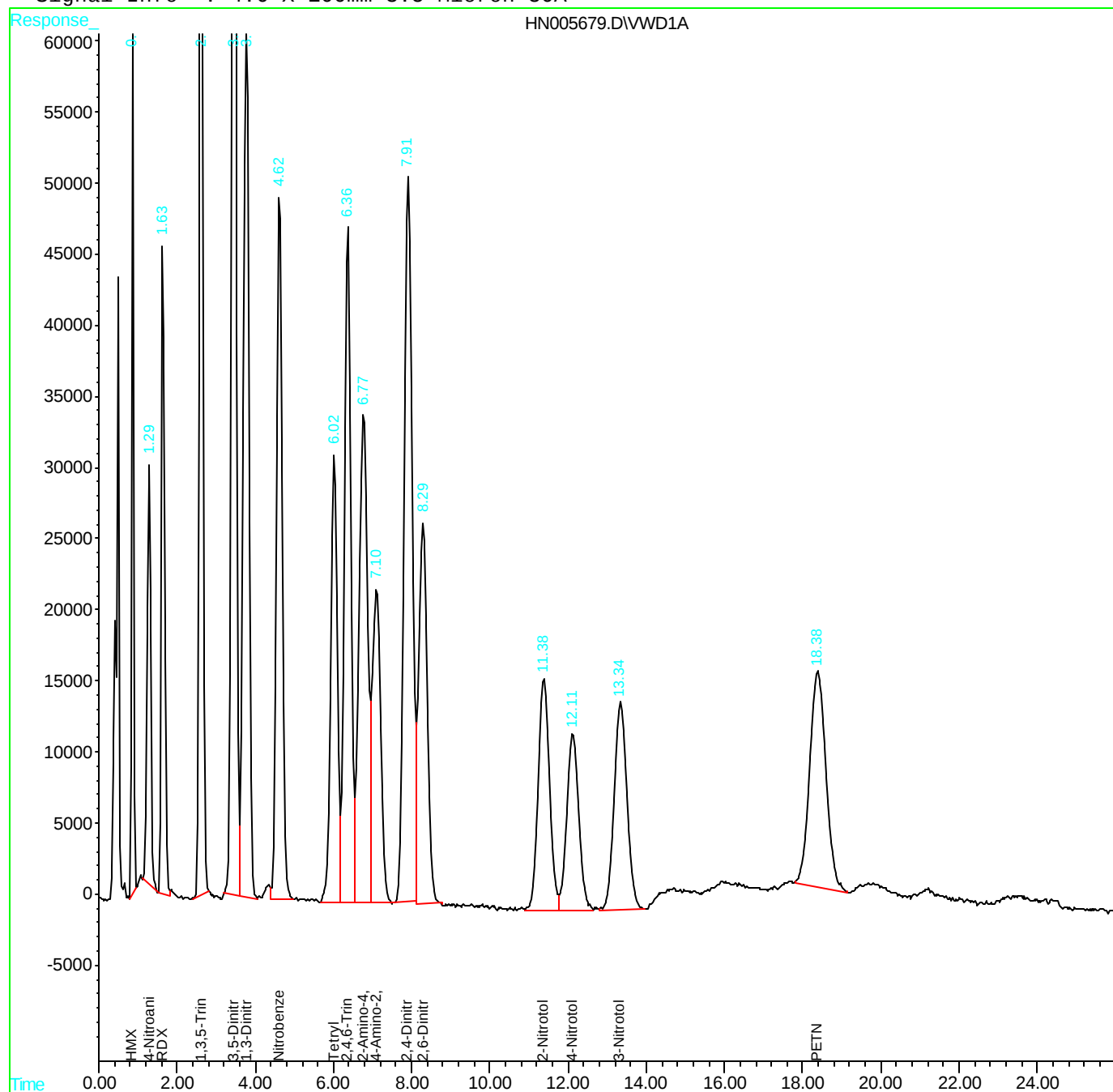
Instrument :
HPLC_N
ClientSampleId :
ICVHN110813

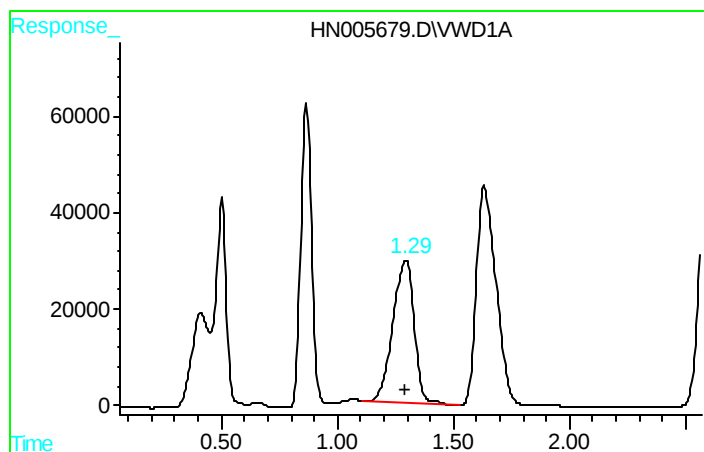
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
Title :
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Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





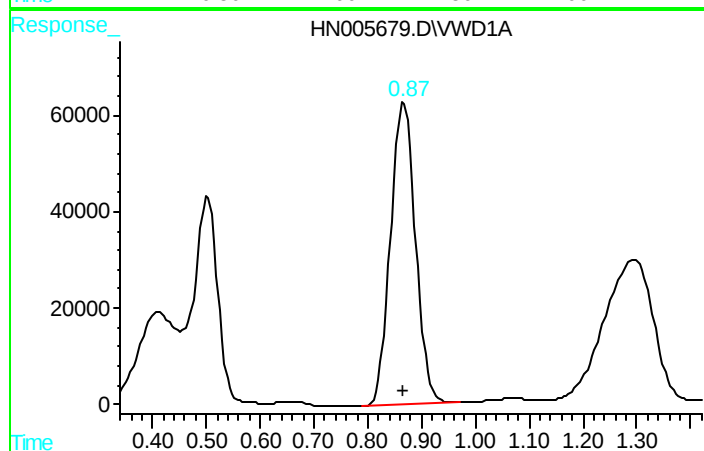
#1 4-Nitroaniline

R.T.: 1.295 min
Delta R.T.: 0.003 min
Response: 1890240
Conc: 512.08 ug/L

Instrument :
HPLC_N
ClientSampleId :
ICVHN110813

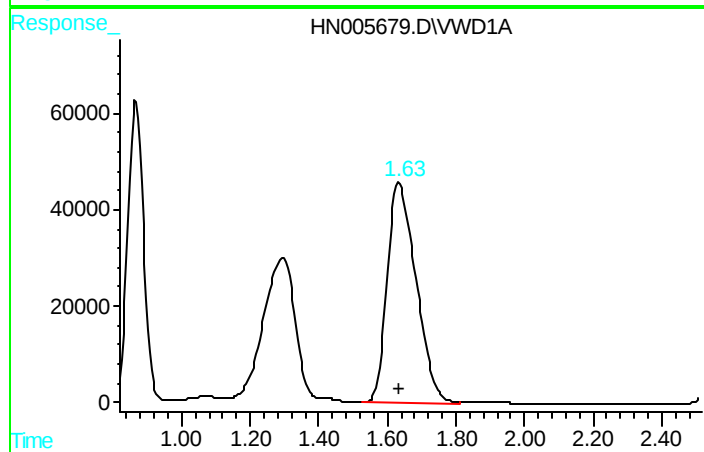
Manual Integrations
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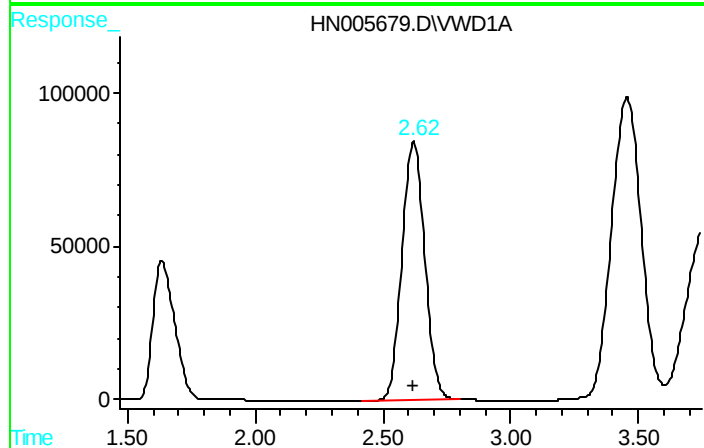
#2 HMX

R.T.: 0.867 min
Delta R.T.: 0.002 min
Response: 2022393
Conc: 503.72 ug/L



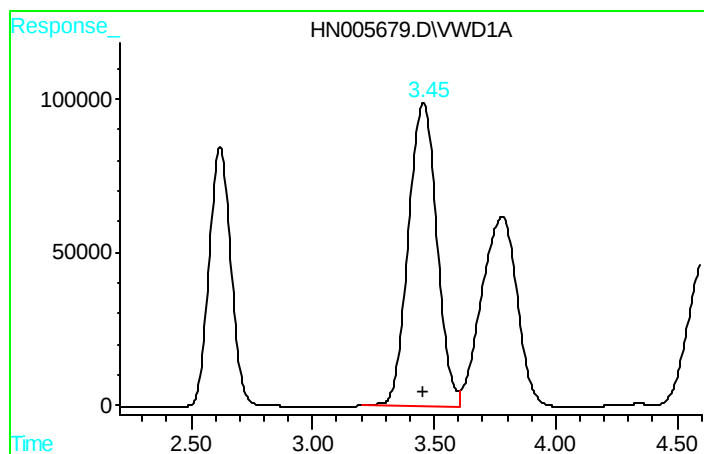
#3 RDX

R.T.: 1.634 min
Delta R.T.: 0.003 min
Response: 2675282
Conc: 489.08 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.621 min
Delta R.T.: 0.004 min
Response: 5232851
Conc: 503.30 ug/L



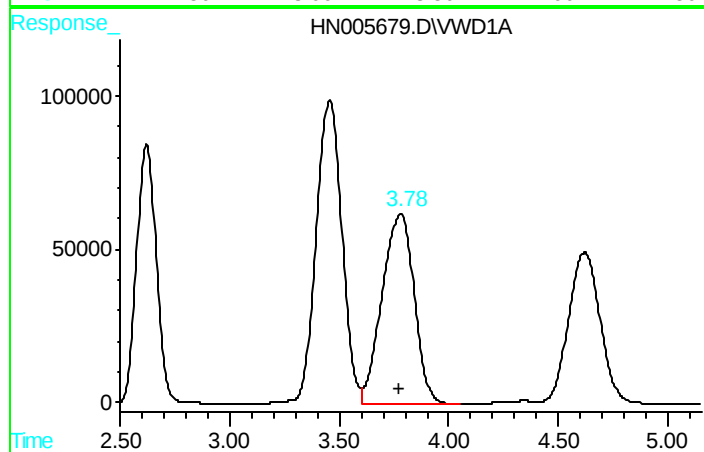
#5 3,5-Dinitroaniline

R.T.: 3.457 min
Delta R.T.: 0.005 min
Response: 8044193
Conc: 498.78 ng/ml

Instrument :
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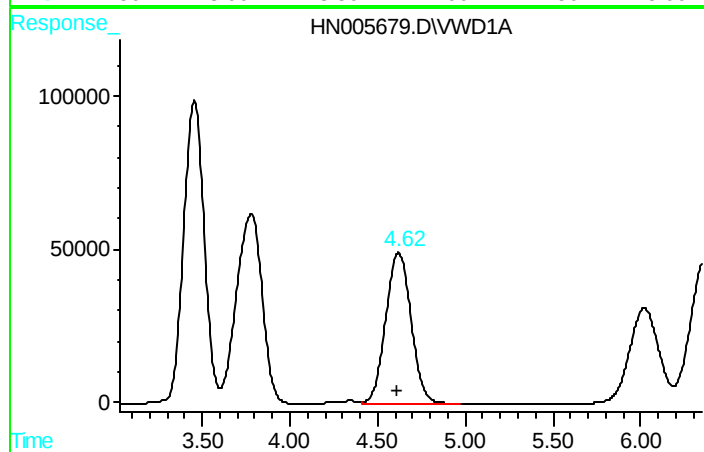
Manual Integrations
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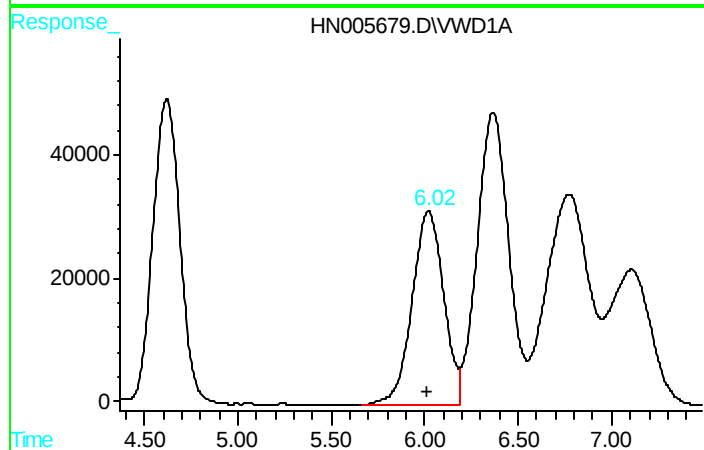
#6 1,3-Dinitrobenzene

R.T.: 3.780 min
Delta R.T.: 0.006 min
Response: 6302461
Conc: 496.58 ug/L



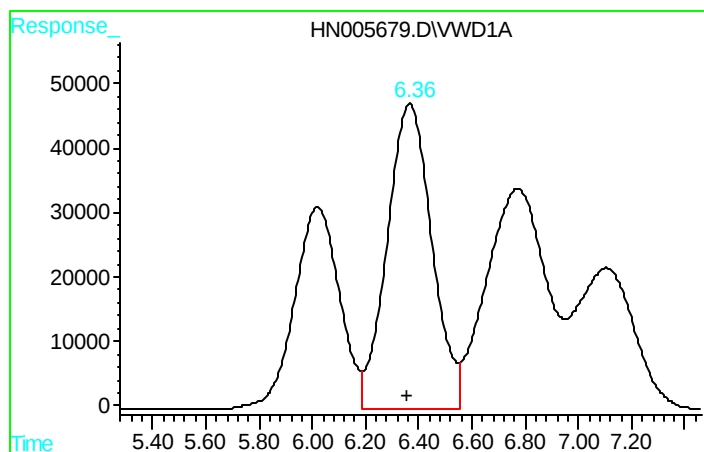
#7 Nitrobenzene

R.T.: 4.621 min
Delta R.T.: 0.006 min
Response: 5007088
Conc: 491.28 ug/L



#8 Tetryl

R.T.: 6.021 min
Delta R.T.: 0.012 min
Response: 3716107
Conc: 541.28 ug/L



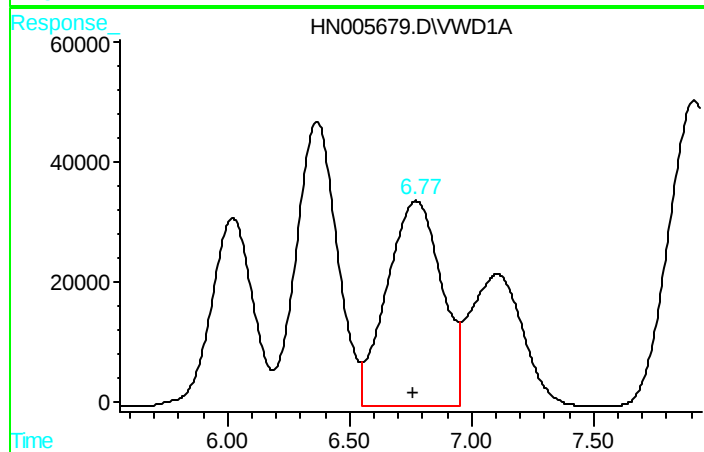
#9 2,4,6-Trinitrotoluene

R.T.: 6.367 min
Delta R.T.: 0.012 min
Response: 5552374
Conc: 488.82 ug/L

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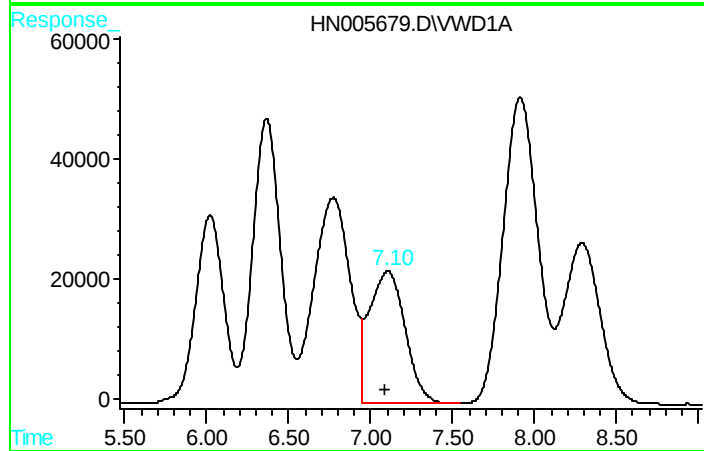
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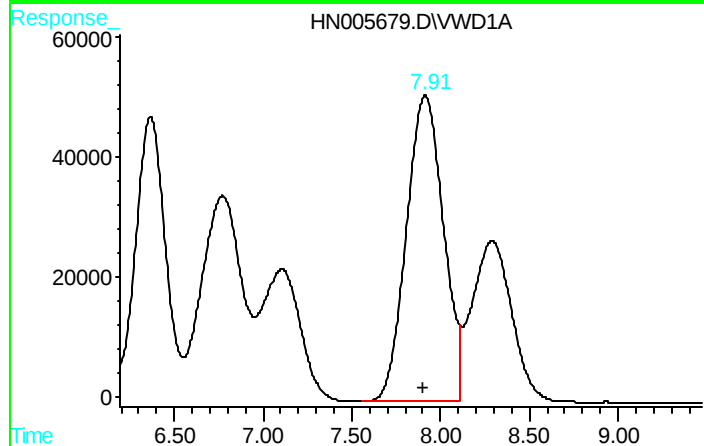
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.773 min
Delta R.T.: 0.013 min
Response: 5336639
Conc: 489.07 ug/L



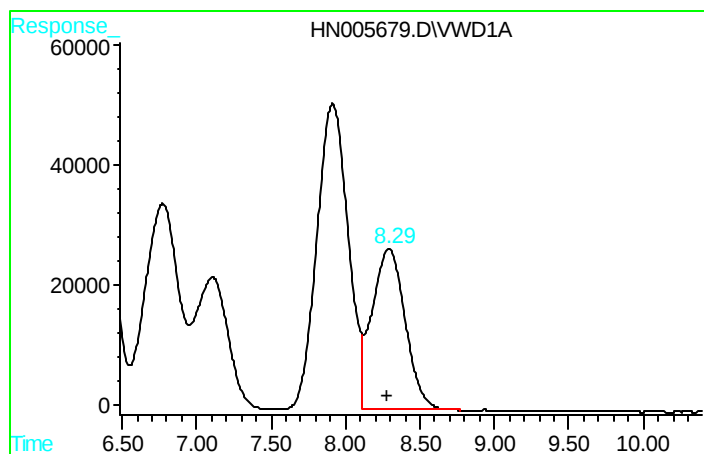
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.106 min
Delta R.T.: 0.018 min
Response: 3343626
Conc: 570.18 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.912 min
Delta R.T.: 0.013 min
Response: 7386024
Conc: 500.14 ug/L m



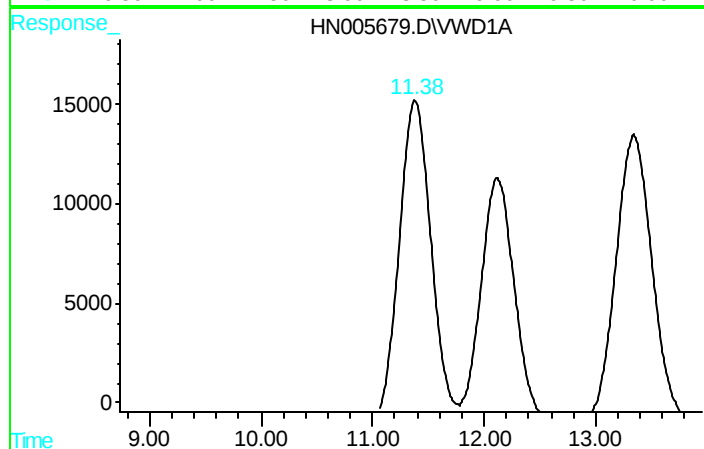
#13 2,6-Dinitrotoluene

R.T.: 8.290 min
Delta R.T.: 0.017 min
Response: 4157734
Conc: 527.44 ug/L m

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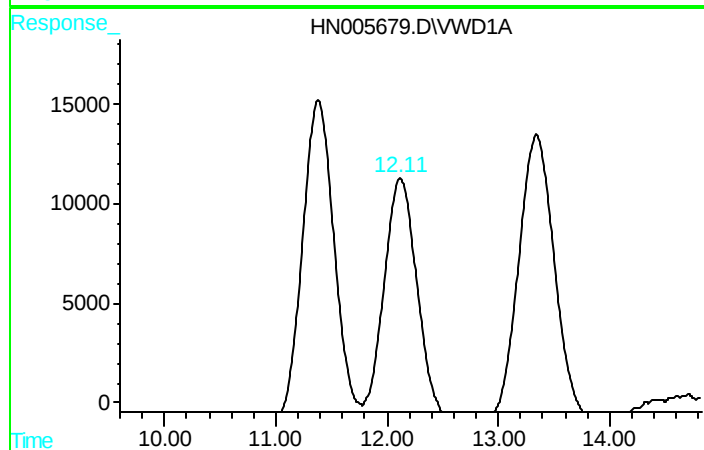
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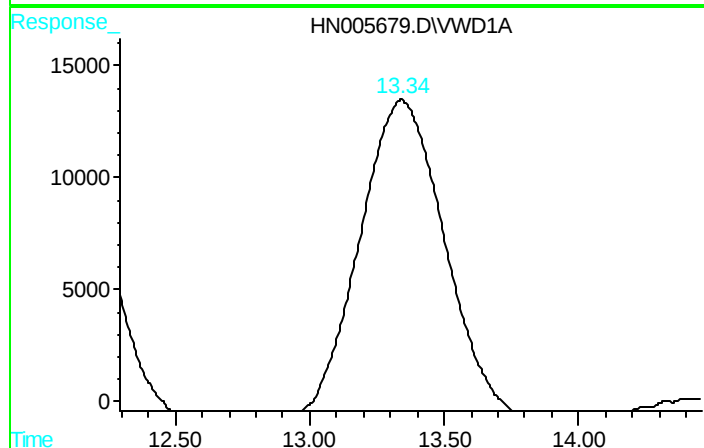
#14 2-Nitrotoluene

R.T.: 11.379 min
Delta R.T.: 0.012 min
Response: 3313001
Conc: 517.83 ug/L



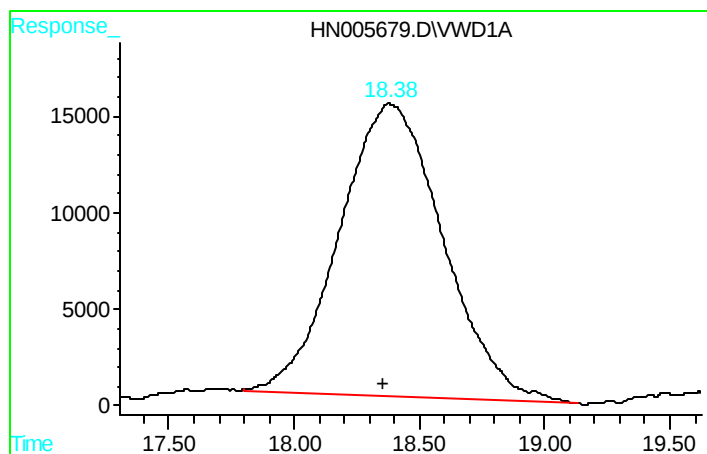
#15 4-Nitrotoluene

R.T.: 12.116 min
Delta R.T.: 0.006 min
Response: 2647988
Conc: 491.10 ug/L



#16 3-Nitrotoluene

R.T.: 13.342 min
Delta R.T.: 0.017 min
Response: 3337874
Conc: 486.68 ug/L



#17 PETN

R.T.: 18.377 min
Delta R.T.: 0.019 min
Response: 4379622
Conc: 505.77 ug/L m

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