

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005678.D Vial: 6
 Acq On : 08-Nov-2013, 20:13 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 0:46 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

QI
 11/11/2013 3:11:42 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	65989	16.104 ug/L m
Target Compounds			
2) T HMX	0.87	76707	17.515 ug/L
3) T RDX	1.64	111364	21.004 ug/L m
4) T 1,3,5-Trinitrobenzene	2.62	197976	18.452 ug/L
5) T 3,5-Dinitroaniline	3.46	317541	20.513 ng/mlm
6) T 1,3-Dinitrobenzene	3.79	265139	20.951 ug/L
7) T Nitrobenzene	4.64	210897	21.638 ug/L m
8) T Tetryl	6.02	99732	20.065 ug/L m
9) T 2,4,6-Trinitrotoluene	6.38	231203	19.438 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.79	211025	20.074 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.10	95945	16.052 ug/L m
12) T 2,4-Dinitrotoluene	7.93	288547	19.901 ug/L
13) T 2,6-Dinitrotoluene	8.27	157414	19.976 ug/L m
14) T 2-Nitrotoluene	11.38	111085	17.535 ug/L
15) T 4-Nitrotoluene	12.15	108237	19.561 ug/L m
16) T 3-Nitrotoluene	13.31	144201	20.570 ug/L m
17) T PETN	18.34	173222	20.230 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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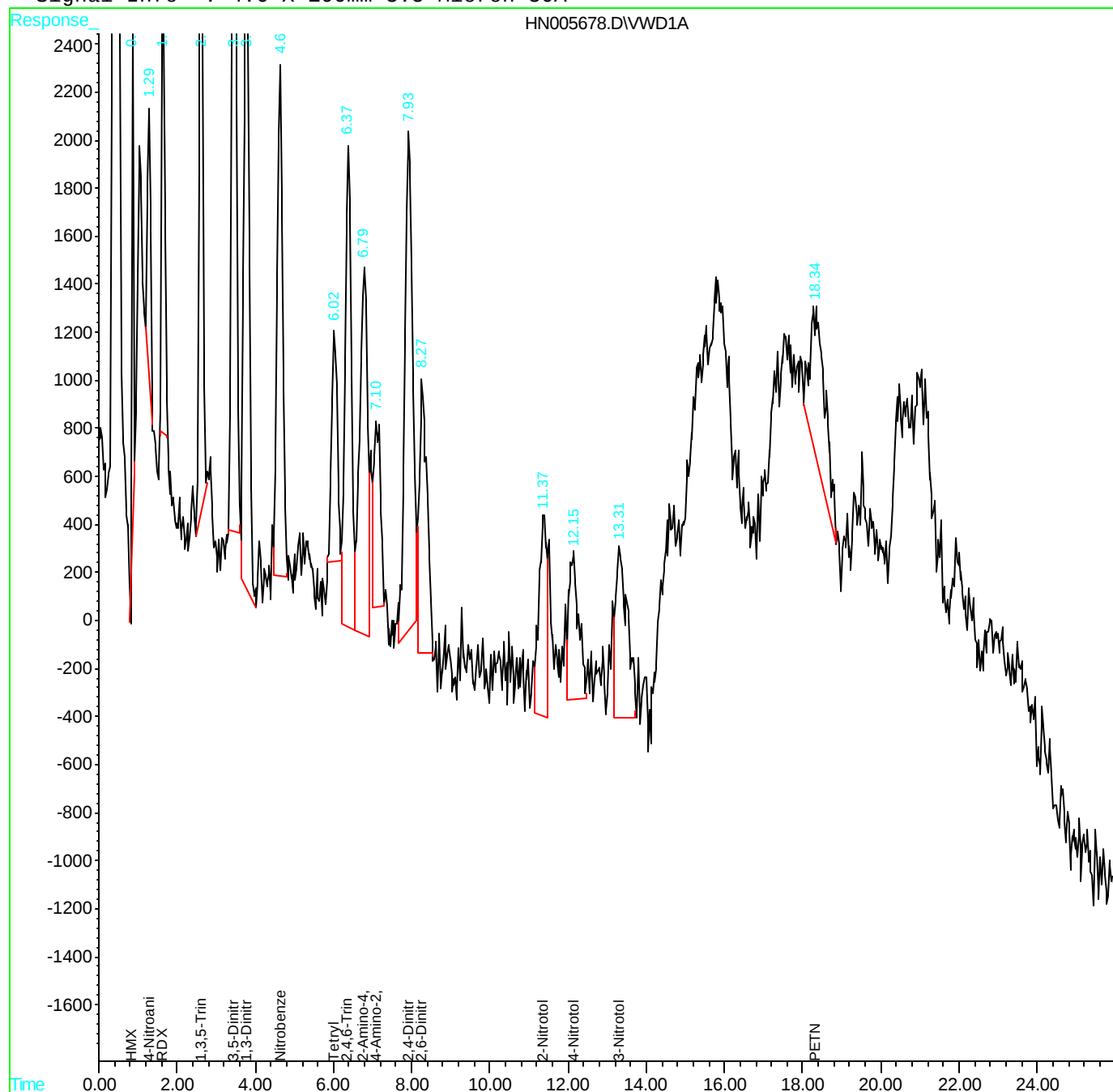
Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0020

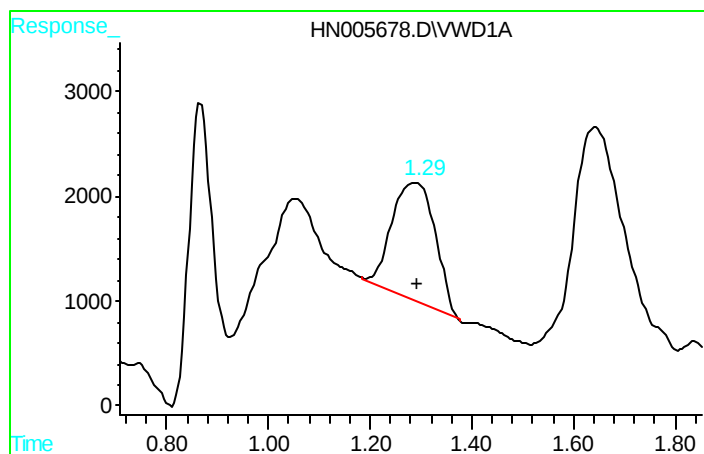
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





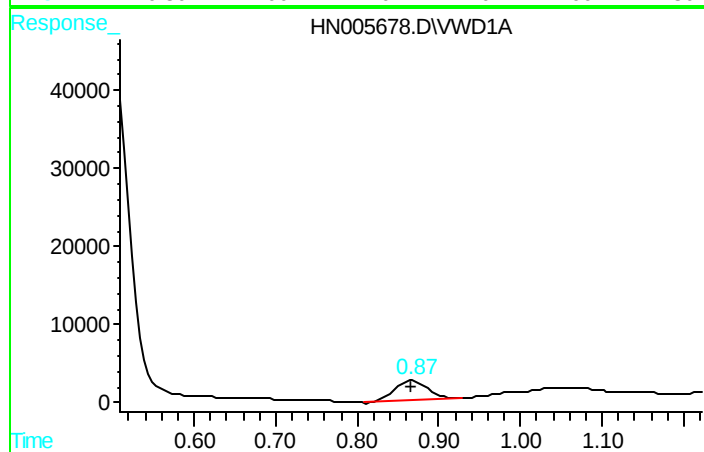
#1 4-Nitroaniline

R.T.: 1.295 min
Delta R.T.: 0.003 min
Response: 65989
Conc: 16.10 ug/L m

Instrument :
HPLC_N
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HSTDICC0020

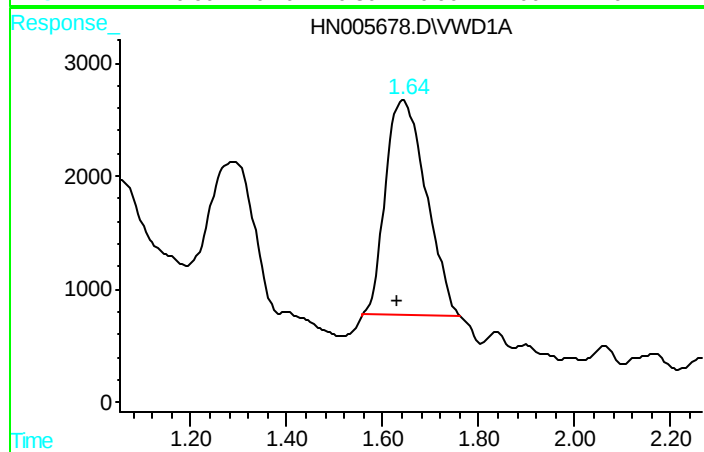
Manual Integrations
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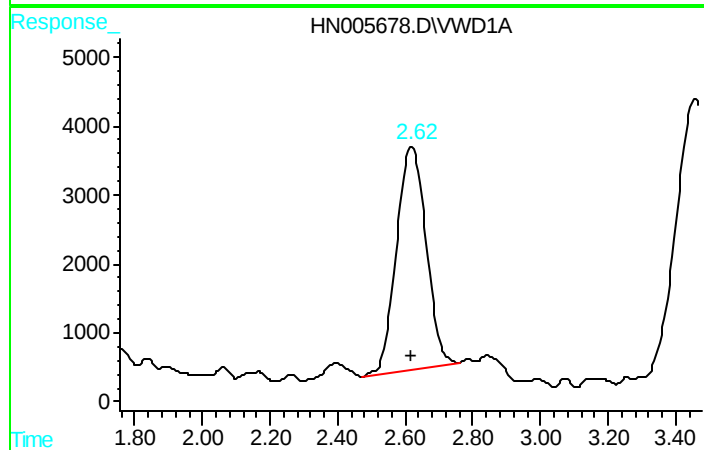
#2 HMX

R.T.: 0.868 min
Delta R.T.: 0.002 min
Response: 76707
Conc: 17.51 ug/L



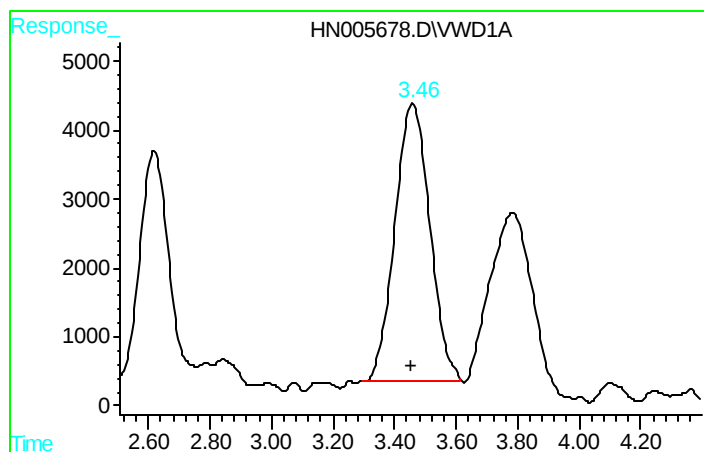
#3 RDX

R.T.: 1.641 min
Delta R.T.: 0.010 min
Response: 111364
Conc: 21.00 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.619 min
Delta R.T.: 0.003 min
Response: 197976
Conc: 18.45 ug/L



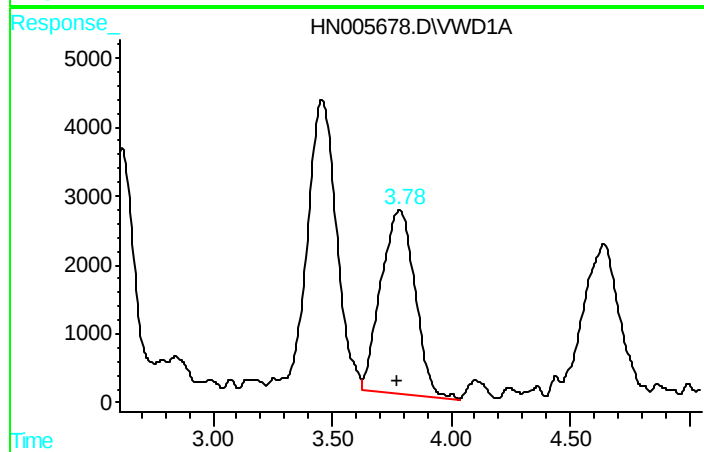
#5 3,5-Dinitroaniline

R.T.: 3.457 min
Delta R.T.: 0.005 min
Response: 317541
Conc: 20.51 ng/ml

Instrument :
HPLC_N
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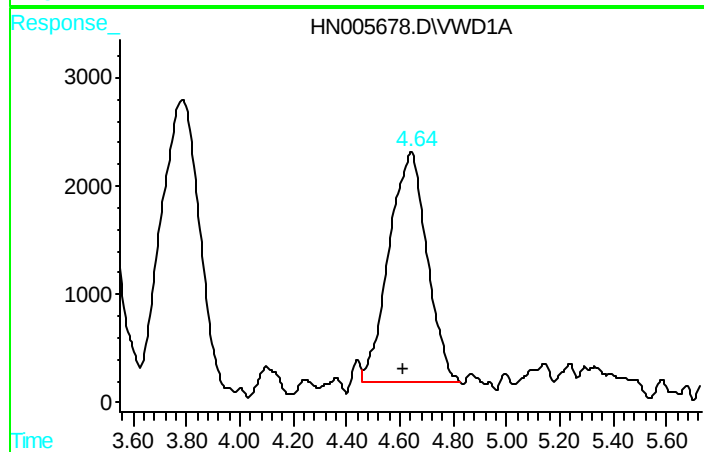
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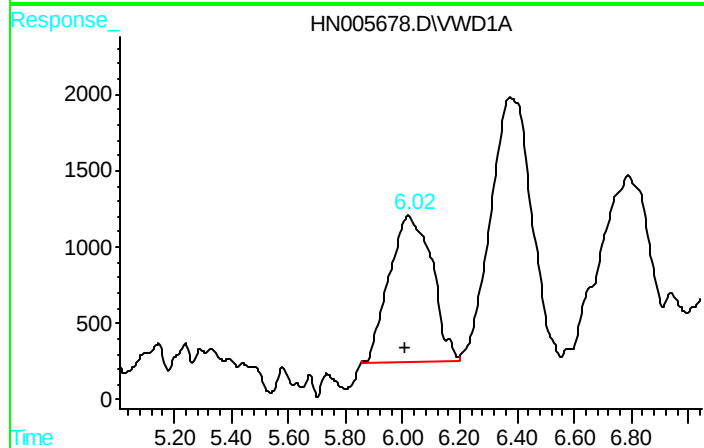
#6 1,3-Dinitrobenzene

R.T.: 3.785 min
Delta R.T.: 0.012 min
Response: 265139
Conc: 20.95 ug/L



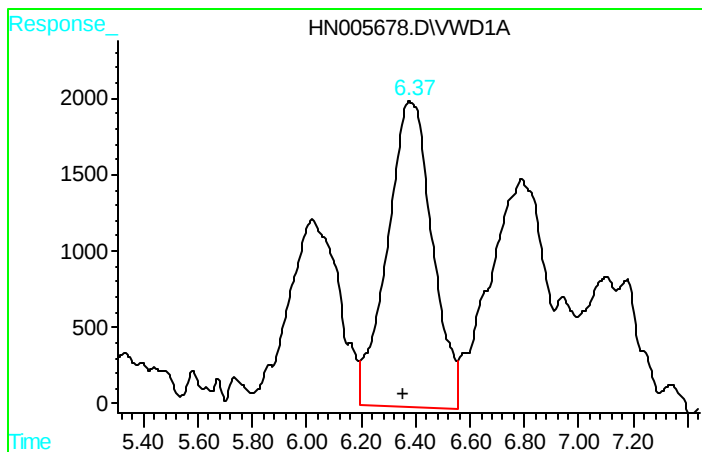
#7 Nitrobenzene

R.T.: 4.642 min
Delta R.T.: 0.030 min
Response: 210897
Conc: 21.64 ug/L m



#8 Tetryl

R.T.: 6.020 min
Delta R.T.: 0.012 min
Response: 99732
Conc: 20.07 ug/L m



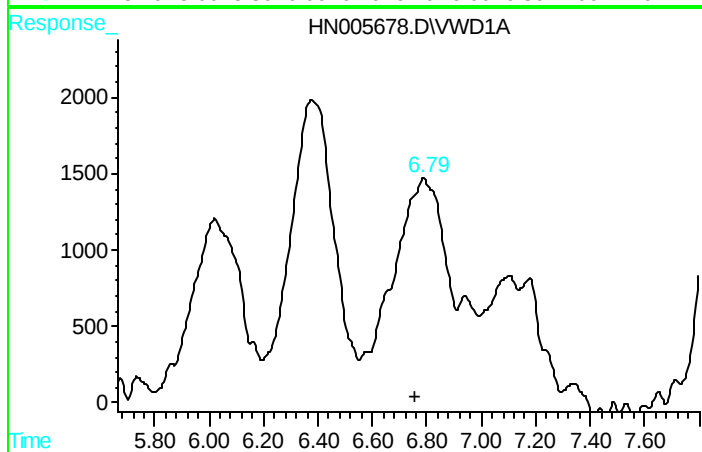
#9 2,4,6-Trinitrotoluene

R.T.: 6.378 min
Delta R.T.: 0.025 min
Response: 231203
Conc: 19.44 ug/L

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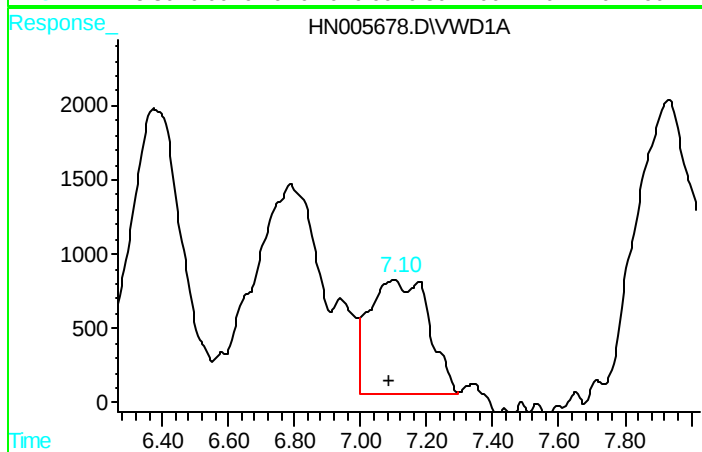
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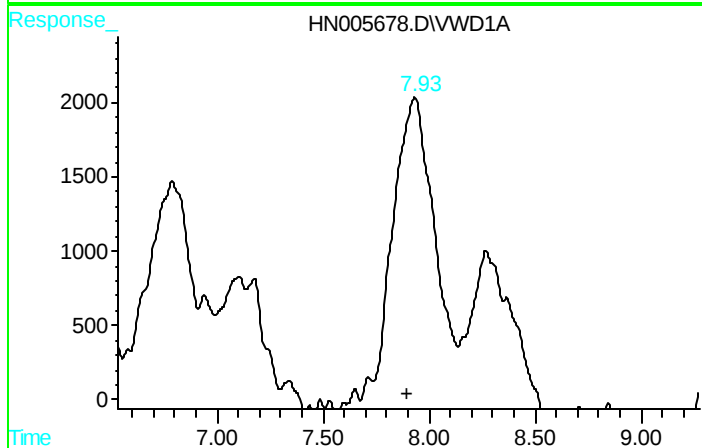
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.790 min
Delta R.T.: 0.031 min
Response: 211025
Conc: 20.07 ug/L



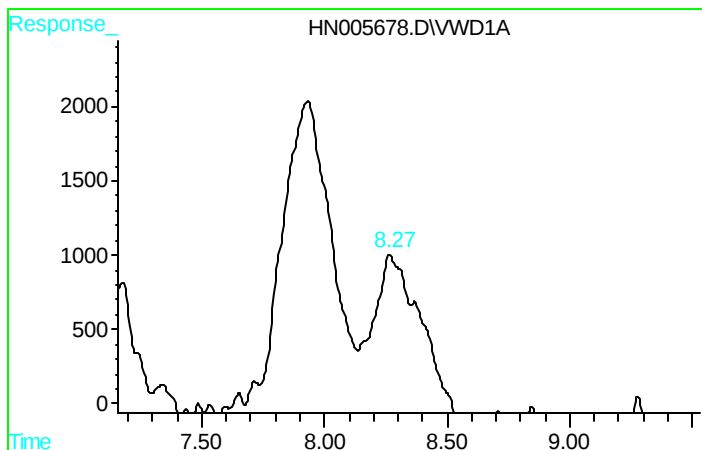
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.104 min
Delta R.T.: 0.015 min
Response: 95945
Conc: 16.05 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 7.932 min
Delta R.T.: 0.036 min
Response: 288547
Conc: 19.90 ug/L



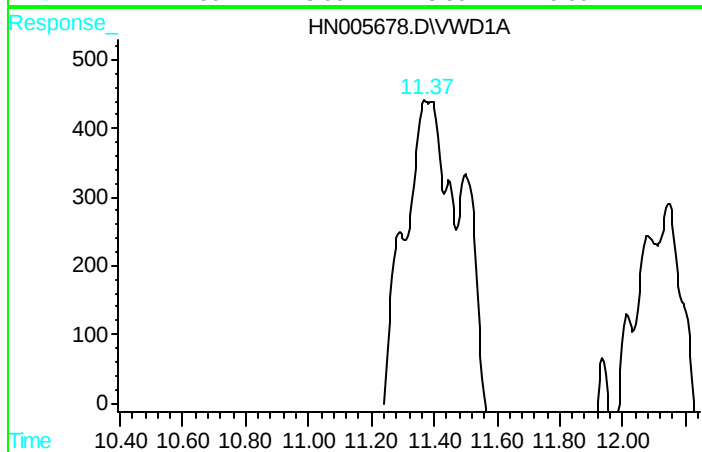
#13 2,6-Dinitrotoluene

R.T.: 8.266 min
Delta R.T.: -0.006 min
Response: 157414
Conc: 19.98 ug/L m

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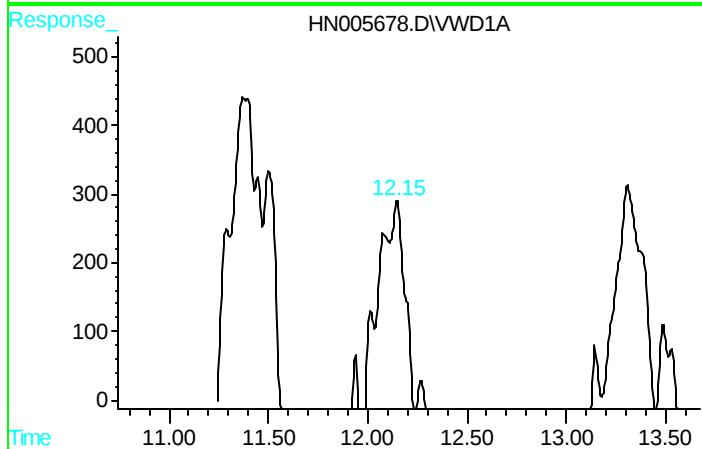
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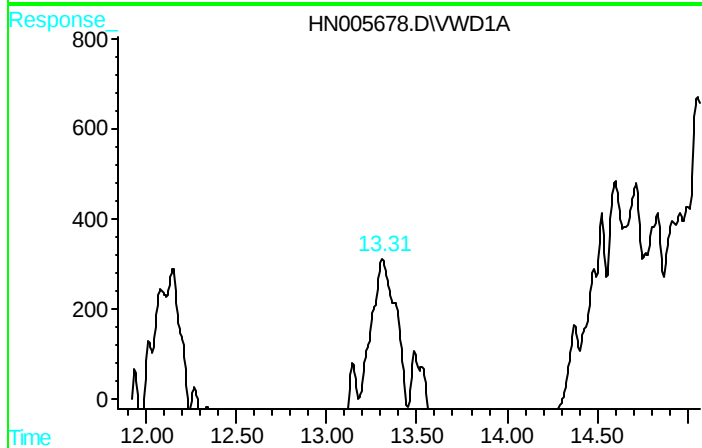
#14 2-Nitrotoluene

R.T.: 11.379 min
Delta R.T.: 0.015 min
Response: 111085
Conc: 17.54 ug/L



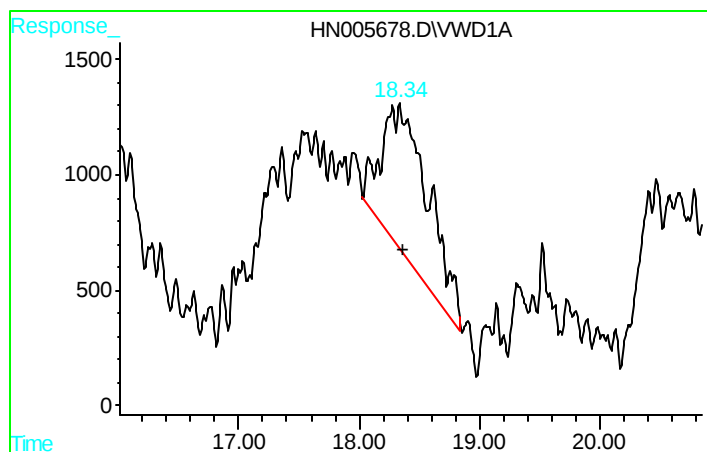
#15 4-Nitrotoluene

R.T.: 12.146 min
Delta R.T.: 0.037 min
Response: 108237
Conc: 19.56 ug/L m



#16 3-Nitrotoluene

R.T.: 13.307 min
Delta R.T.: -0.011 min
Response: 144201
Conc: 20.57 ug/L m



#17 PETN

R.T.: 18.335 min
Delta R.T.: -0.023 min
Response: 173222
Conc: 20.23 ug/L m

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