

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005699.D Vial: 24
 Acq On : 11-Nov-2013, 20:07 Operator: QM
 Sample : E4011-04 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 12 10:36 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ SOIL 2013-02

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:10 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	1.37	1203340	306.872 ug/L
Target Compounds			
2) T HMX	0.91	382672	94.807 ug/L
3) T RDX	1.74	424576	76.165 ug/L
4) T 1,3,5-Trinitrobenzene	2.80	705700	67.848 ug/L
5) T 3,5-Dinitroaniline	3.70	1222214	72.314 ng/mlm
6) T 1,3-Dinitrobenzene	4.07	992895	71.892 ug/L m
7) T Nitrobenzene	4.97	761839	73.479 ug/L m
8) T Tetryl	6.57	236355	33.723 ug/L
9) T 2,4,6-Trinitrotoluene	6.95	717280	62.439 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.42	615351	57.206 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.84	364775	57.765 ug/L m
12) T 2,4-Dinitrotoluene	8.66	1102464	74.825 ug/L m
13) T 2,6-Dinitrotoluene	9.08	576333	70.188 ug/L m
14) T 2-Nitrotoluene	12.47	450230	70.250 ug/L m
15) T 4-Nitrotoluene	13.30	379704	73.171 ug/L m
16) T 3-Nitrotoluene	14.64	1705026	86.658 ug/L m
17) T PETN	20.35	775195	83.587 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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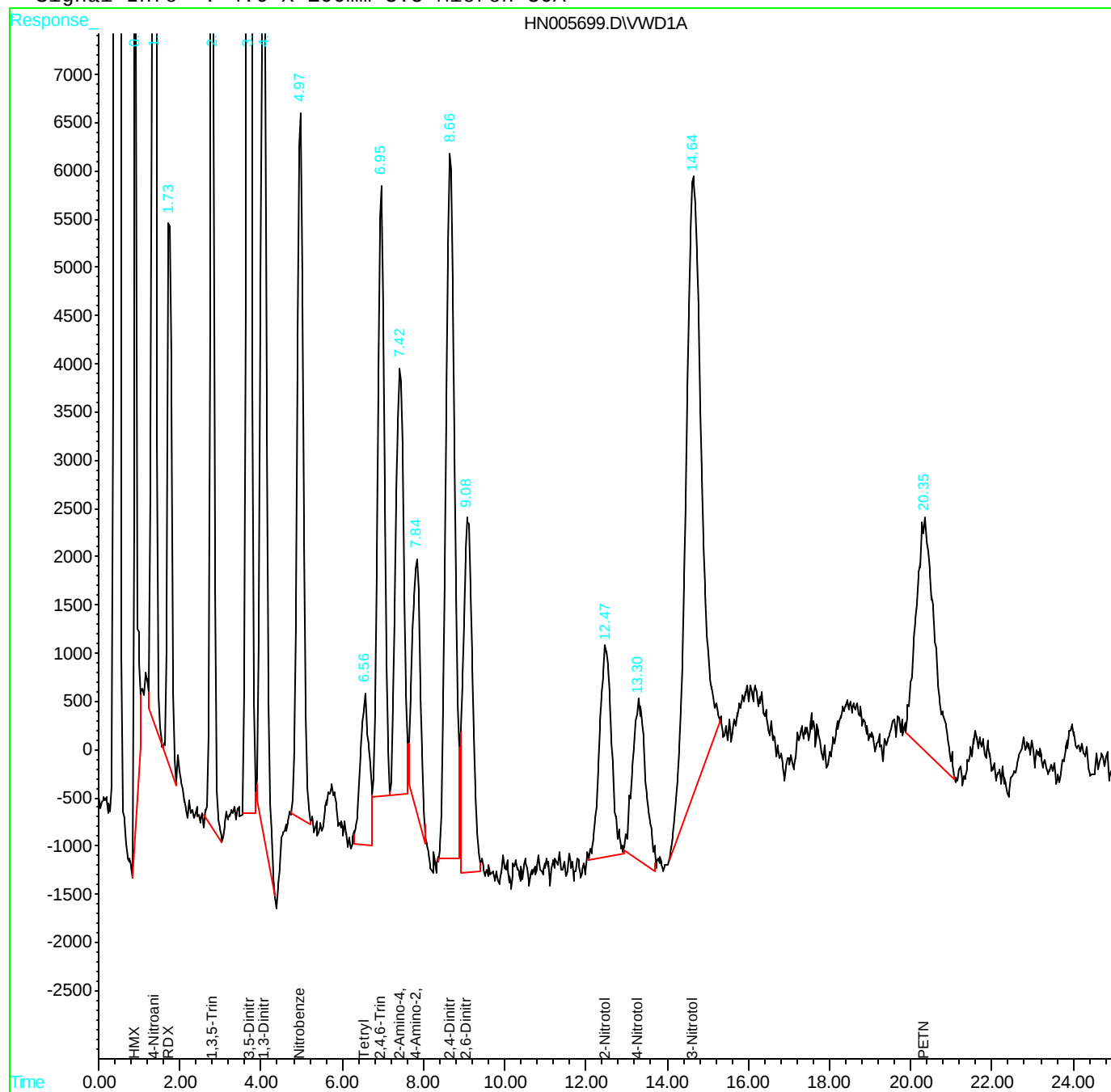
Instrument :
HPLC_N
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LOQ SOIL 2013-02

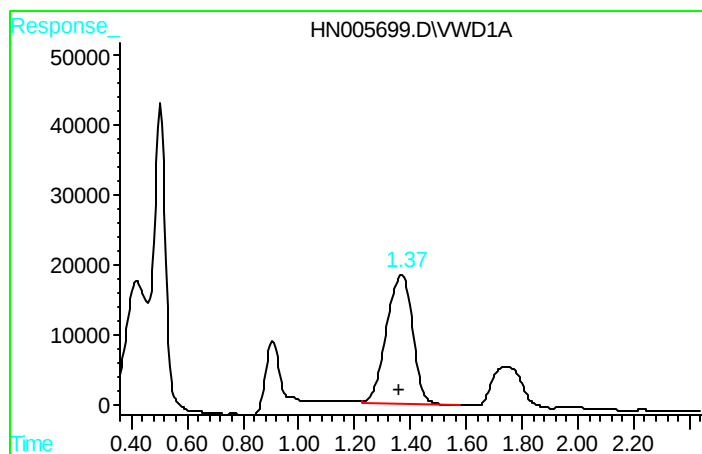
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





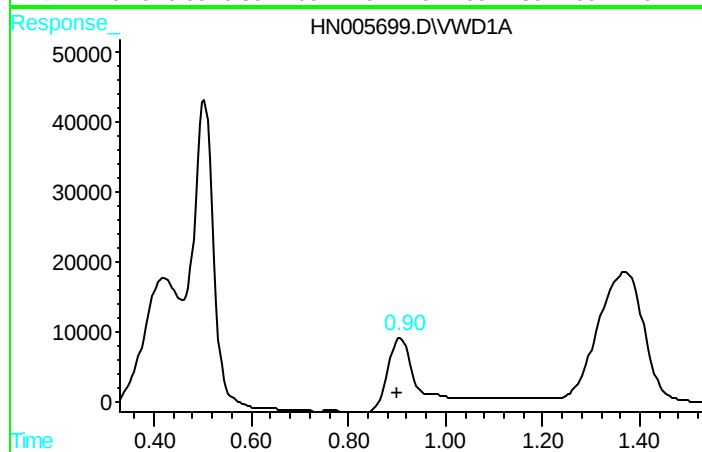
#1 4-Nitroaniline

R.T.: 1.370 min
Delta R.T.: 0.009 min
Response: 1203340
Conc: 306.87 ug/L

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HPLC_N
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LOQ SOIL 2013-02

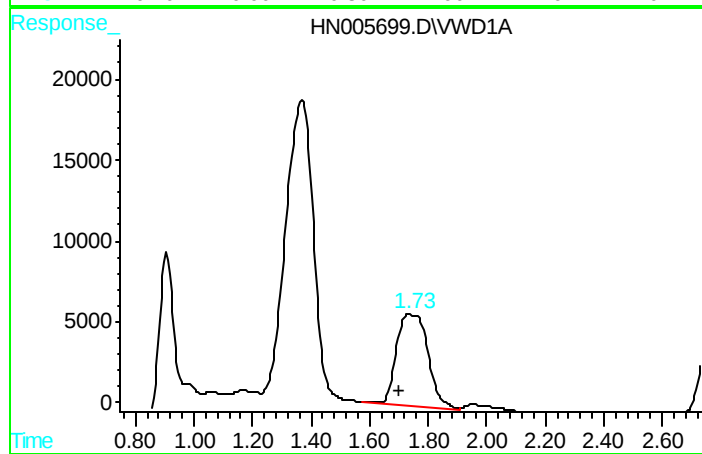
Manual Integrations
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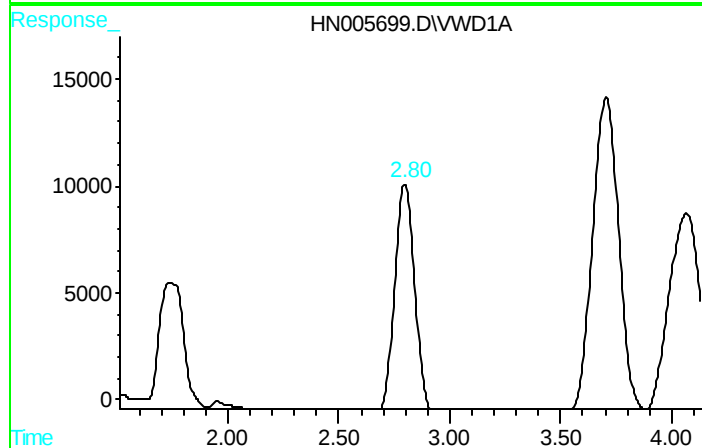
#2 HMX

R.T.: 0.907 min
Delta R.T.: 0.005 min
Response: 382672
Conc: 94.81 ug/L



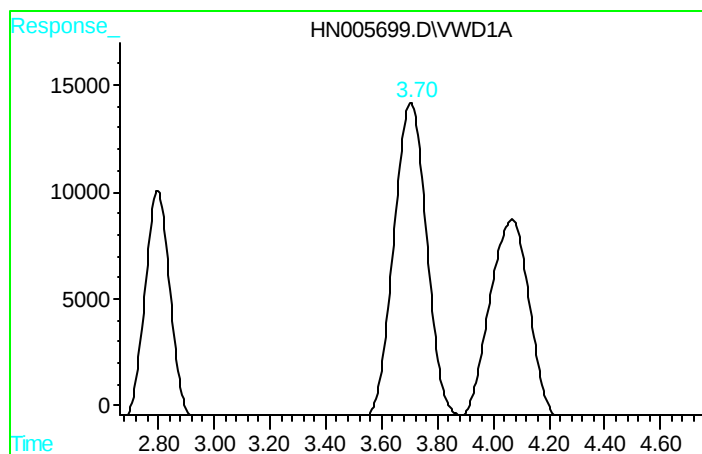
#3 RDX

R.T.: 1.739 min
Delta R.T.: 0.037 min
Response: 424576
Conc: 76.17 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.798 min
Delta R.T.: 0.026 min
Response: 705700
Conc: 67.85 ug/L



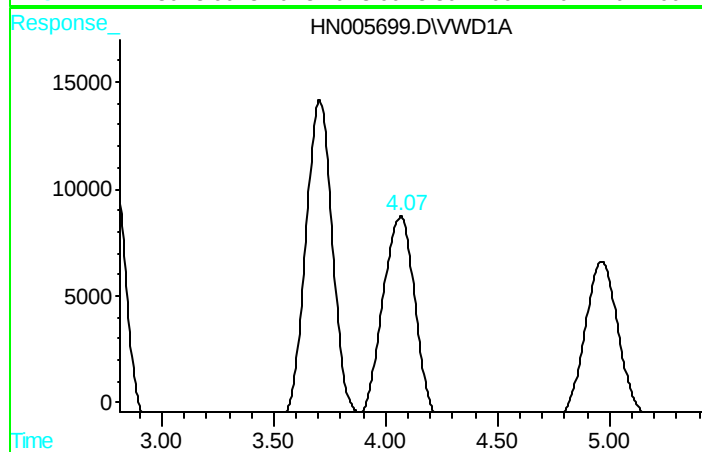
#5 3,5-Dinitroaniline

R.T.: 3.704 min
Delta R.T.: 0.034 min
Response: 122214
Conc: 72.31 ng/ml

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HPLC_N
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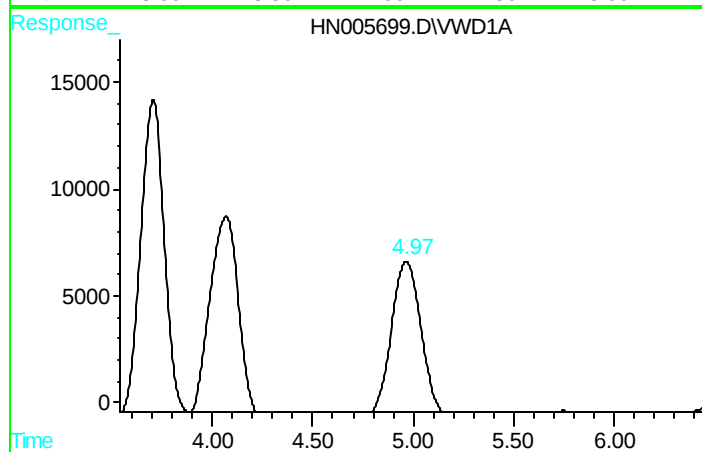
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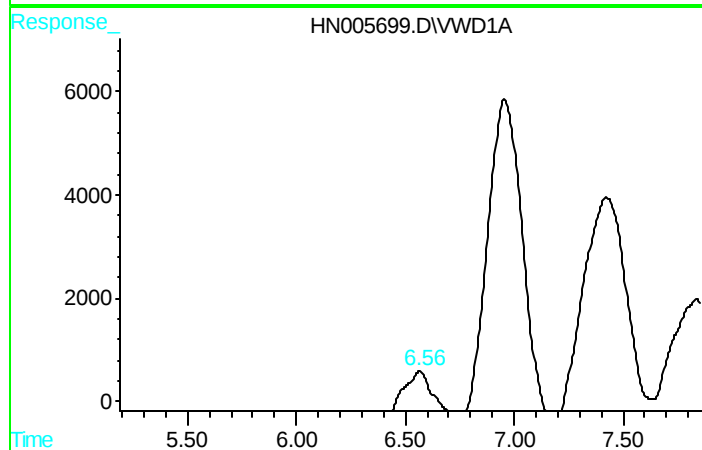
#6 1,3-Dinitrobenzene

R.T.: 4.069 min
Delta R.T.: 0.043 min
Response: 992895
Conc: 71.89 ug/L m



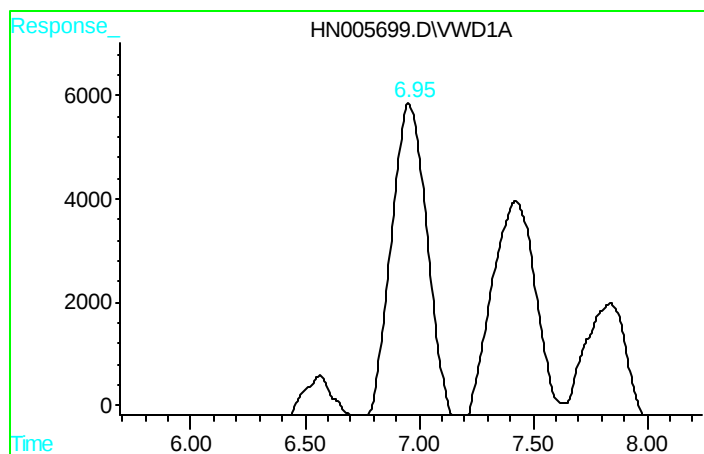
#7 Nitrobenzene

R.T.: 4.966 min
Delta R.T.: 0.044 min
Response: 761839
Conc: 73.48 ug/L m



#8 Tetryl

R.T.: 6.566 min
Delta R.T.: 0.008 min
Response: 236355
Conc: 33.72 ug/L



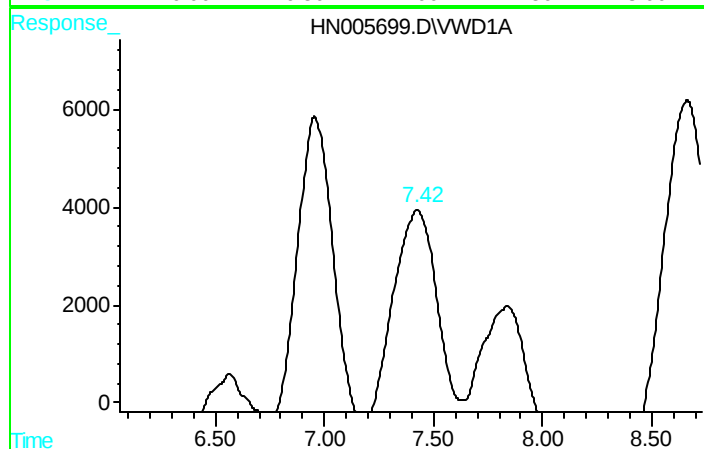
#9 2,4,6-Trinitrotoluene

R.T.: 6.953 min
Delta R.T.: 0.075 min
Response: 717280
Conc: 62.44 ug/L m

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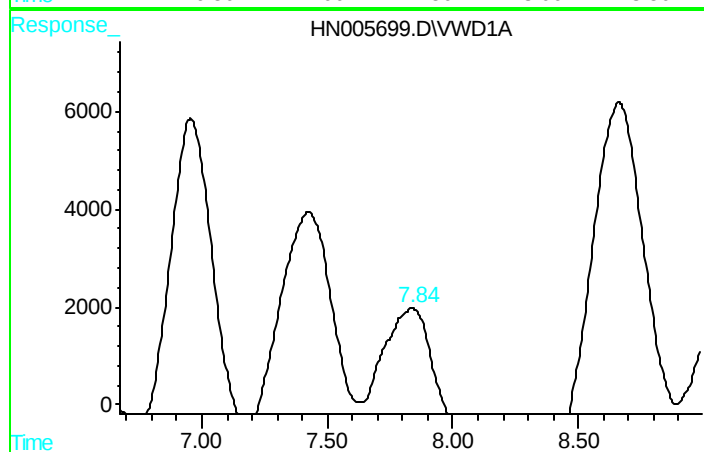
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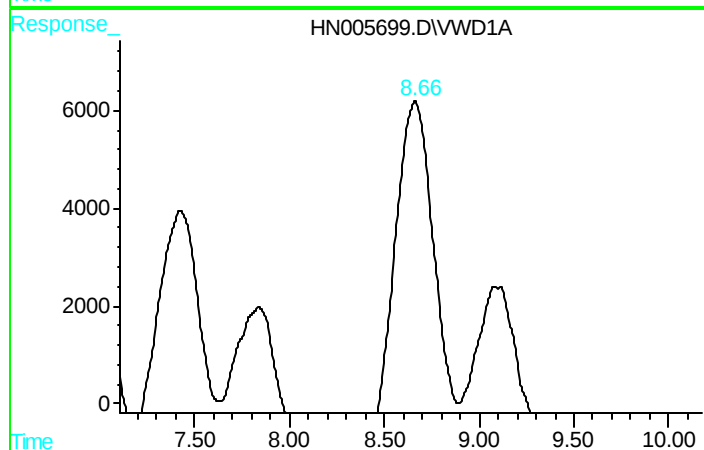
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.422 min
Delta R.T.: 0.088 min
Response: 615351
Conc: 57.21 ug/L m



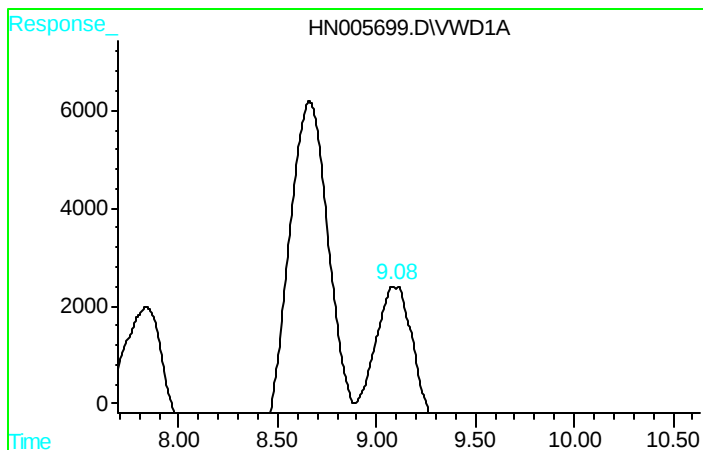
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.838 min
Delta R.T.: 0.114 min
Response: 364775
Conc: 57.76 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.662 min
Delta R.T.: 0.100 min
Response: 1102464
Conc: 74.82 ug/L m



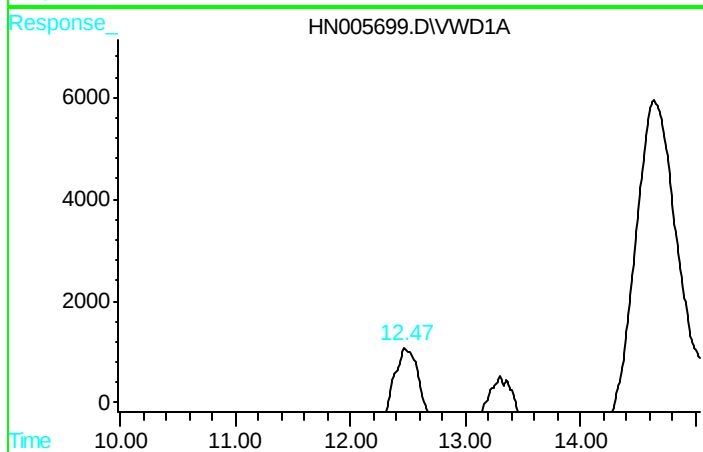
#13 2,6-Dinitrotoluene

R.T.: 9.078 min
Delta R.T.: 0.091 min
Response: 576333
Conc: 70.19 ug/L m

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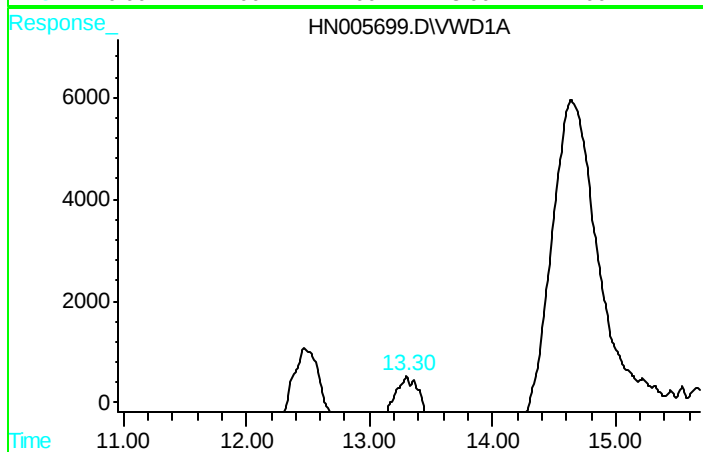
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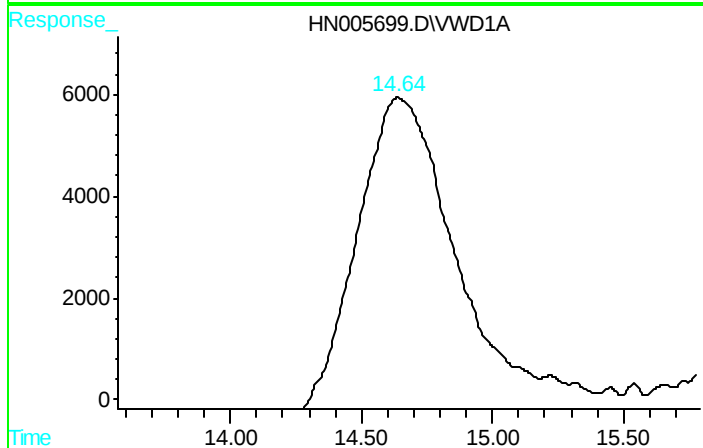
#14 2-Nitrotoluene

R.T.: 12.467 min
Delta R.T.: 0.114 min
Response: 450230
Conc: 70.25 ug/L m



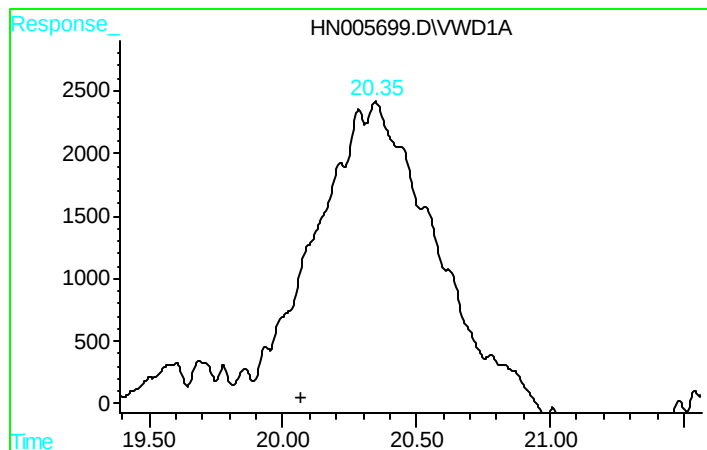
#15 4-Nitrotoluene

R.T.: 13.300 min
Delta R.T.: 0.146 min
Response: 379704
Conc: 73.17 ug/L m



#16 3-Nitrotoluene

R.T.: 14.637 min
Delta R.T.: 0.157 min
Response: 1705026
Conc: 86.66 ug/L m



#17 PETN

R.T.: 20.346 min
Delta R.T.: 0.282 min
Response: 775195
Conc: 83.59 ug/L m

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