

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN111113\HN005701.D Vial: 26
 Acq On : 11-Nov-2013, 21:01 Operator: QM
 Sample : E4011-06 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 12 10:43 2013 Quant Results File: HN111113.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ WATER 2013-02

Manual Integrations
 APPROVED

QI
 11/12/2013 3:42:07 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	1.38	1236950	315.443 ug/L
Target Compounds			
2) T HMX	0.92	167632	41.531 ug/L
3) T RDX	1.78	194818	34.949 ug/L m
4) T 1,3,5-Trinitrobenzene	2.82	323289	31.082 ug/L
5) T 3,5-Dinitroaniline	3.73	705007	41.713 ng/ml
6) T 1,3-Dinitrobenzene	4.09	632284	45.782 ug/L
7) T Nitrobenzene	5.00	391974	37.806 ug/L m
8) T Tetryl	6.54	115859	16.531 ug/L
9) T 2,4,6-Trinitrotoluene	6.99	394342	34.327 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.47	407109	37.847 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.90	264082	41.819 ug/L m
12) T 2,4-Dinitrotoluene	8.71	583599	39.609 ug/L m
13) T 2,6-Dinitrotoluene	9.18	315002	38.362 ug/L m
14) T 2-Nitrotoluene	12.56	299395	46.715 ug/L m
15) T 4-Nitrotoluene	13.38	192693	37.133 ug/L m
16) T 3-Nitrotoluene	14.68	894914	45.484 ug/L m
17) T PETN	20.35	389156	41.962 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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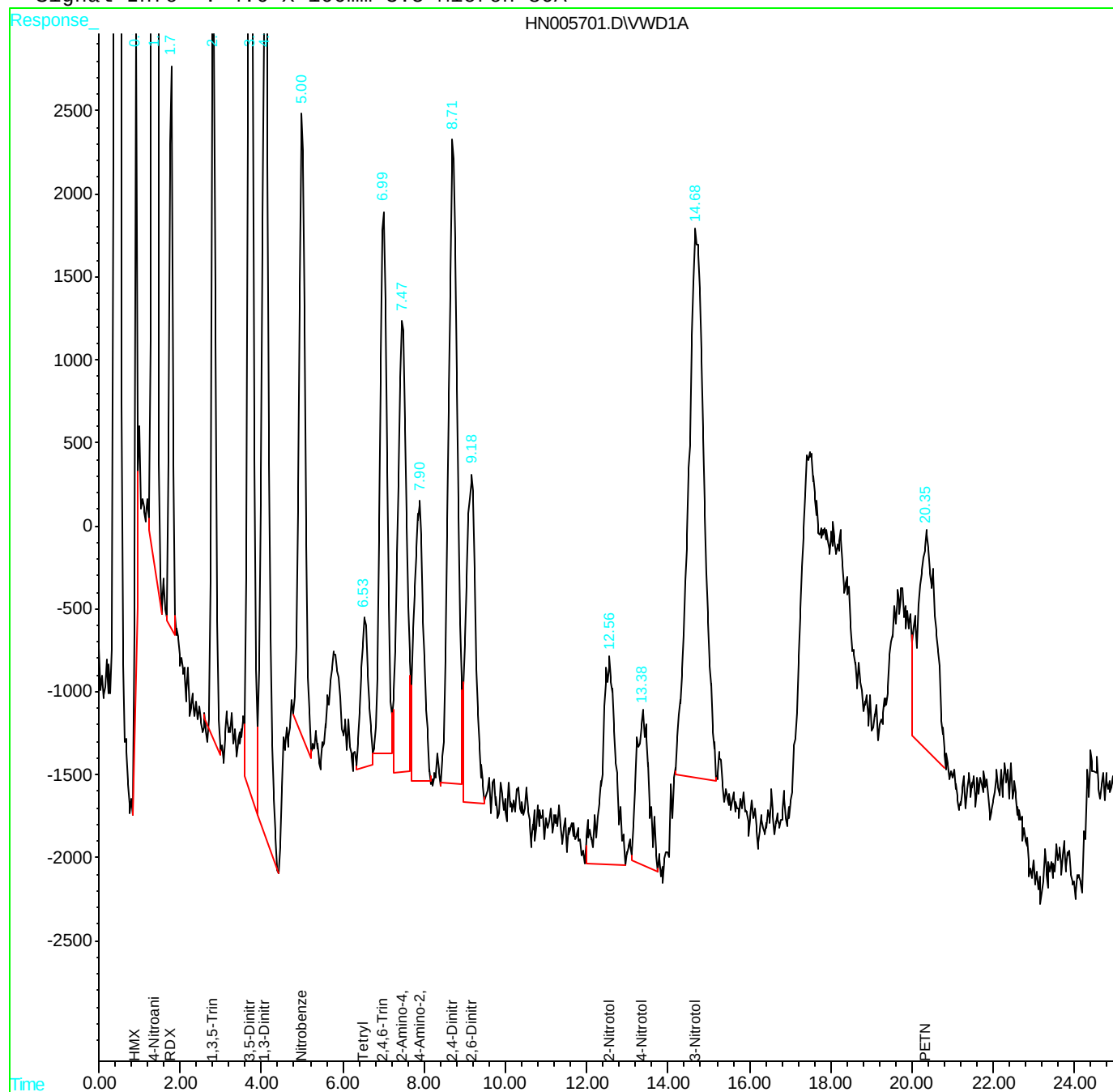
Instrument :
HPLC_N
ClientSampleId :
LOO WATER 2013-02

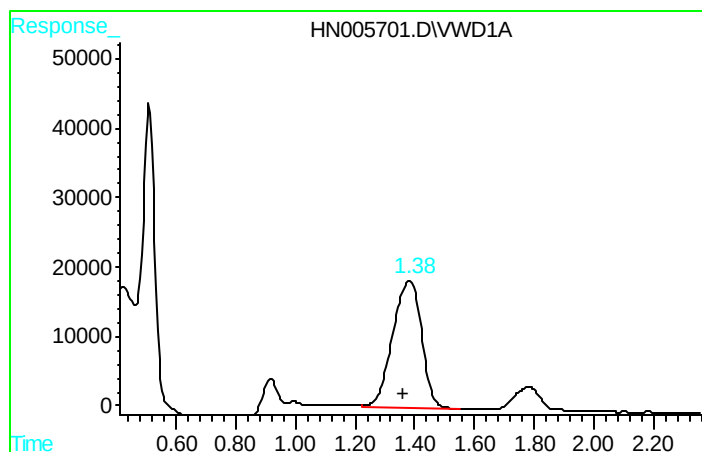
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN111113.M
Title :
Last Update : Mon Nov 11 16:27:41 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





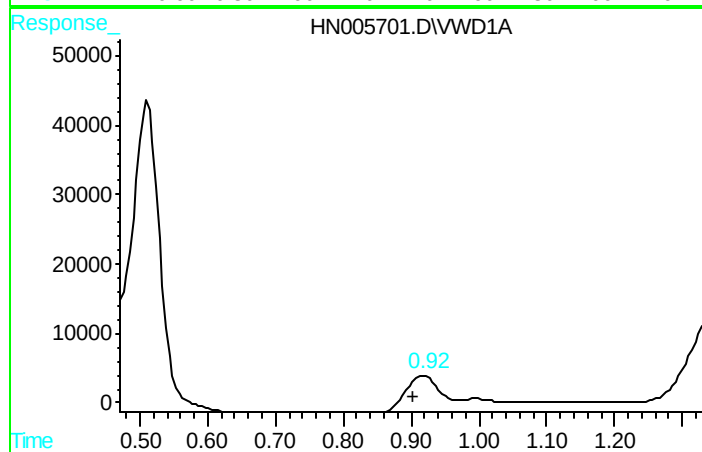
#1 4-Nitroaniline

R.T.: 1.384 min
Delta R.T.: 0.024 min
Response: 1236950
Conc: 315.44 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2013-02

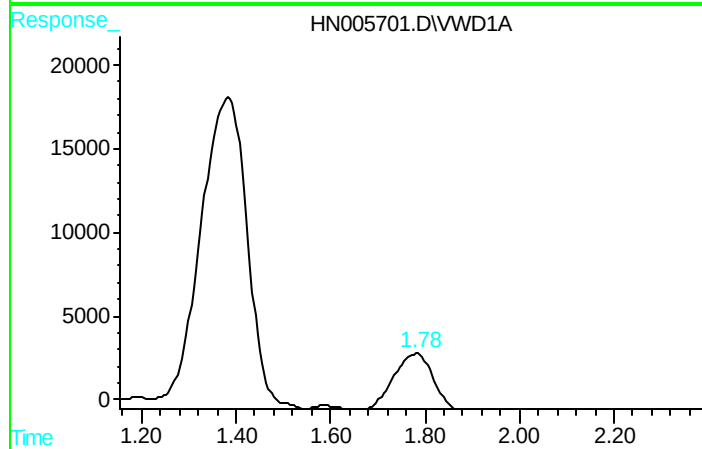
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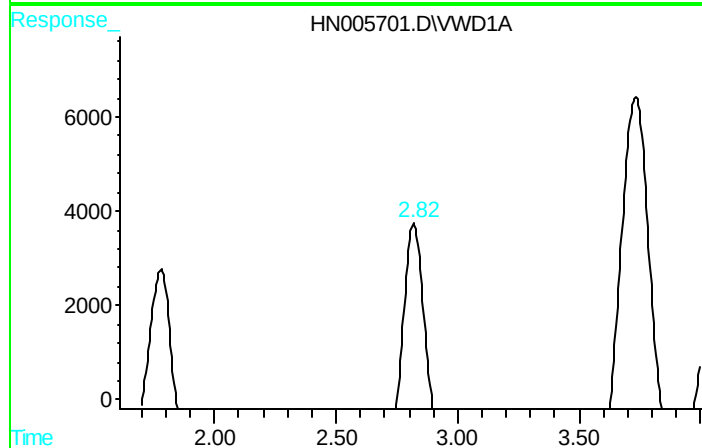
#2 HMX

R.T.: 0.919 min
Delta R.T.: 0.017 min
Response: 167632
Conc: 41.53 ug/L



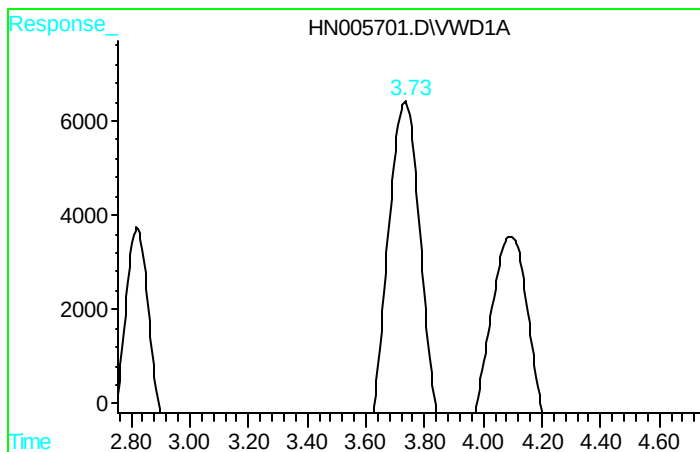
#3 RDX

R.T.: 1.780 min
Delta R.T.: 0.078 min
Response: 194818
Conc: 34.95 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.821 min
Delta R.T.: 0.049 min
Response: 323289
Conc: 31.08 ug/L



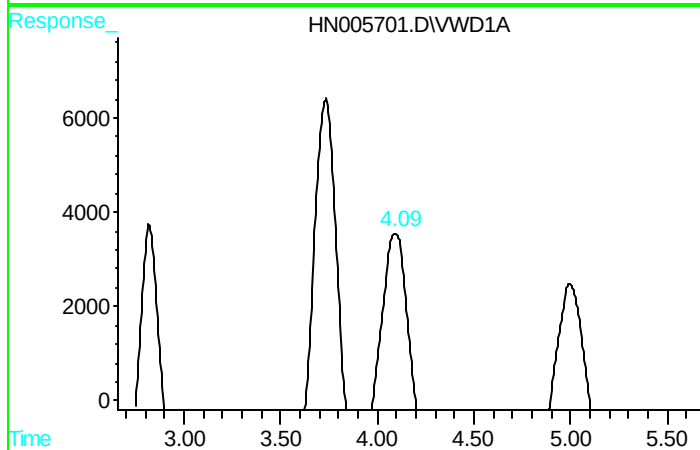
#5 3,5-Dinitroaniline

R.T.: 3.735 min
 Delta R.T.: 0.064 min
 Response: 705007
 Conc: 41.71 ng/ml

Instrument :
 HPLC_N
 ClientSampleId :
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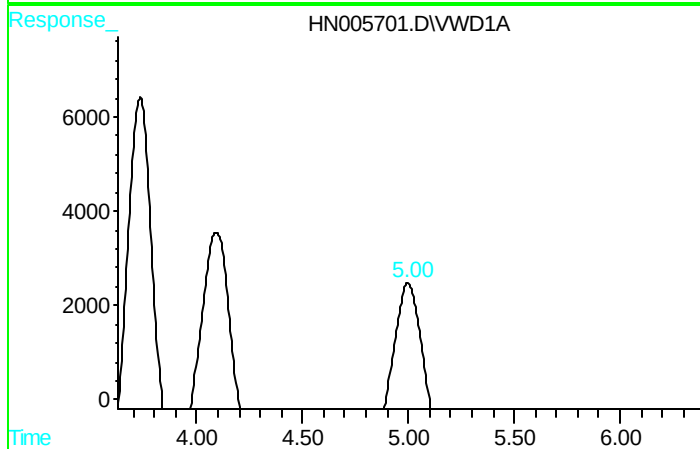
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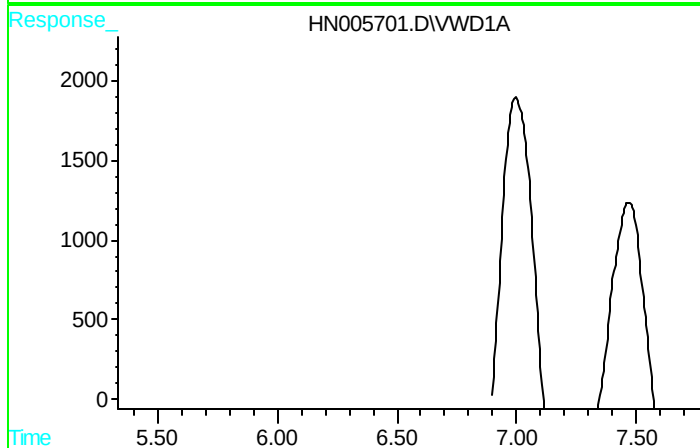
#6 1,3-Dinitrobenzene

R.T.: 4.093 min
 Delta R.T.: 0.067 min
 Response: 632284
 Conc: 45.78 ug/L



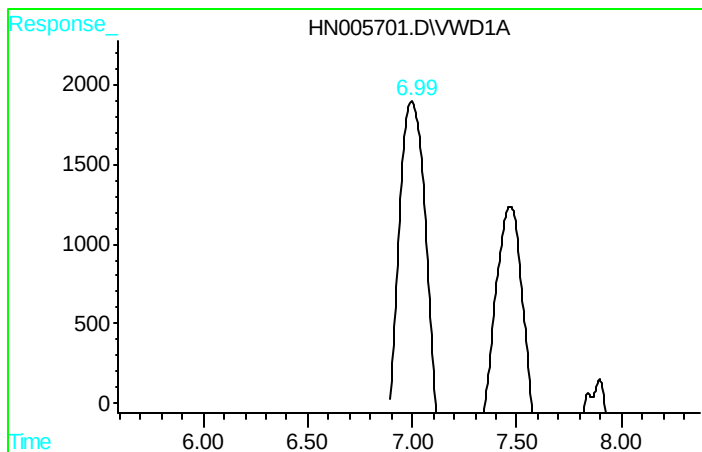
#7 Nitrobenzene

R.T.: 4.996 min
 Delta R.T.: 0.074 min
 Response: 391974
 Conc: 37.81 ug/L m



#8 Tetryl

R.T.: 6.538 min
 Delta R.T.: -0.020 min
 Response: 115859
 Conc: 16.53 ug/L



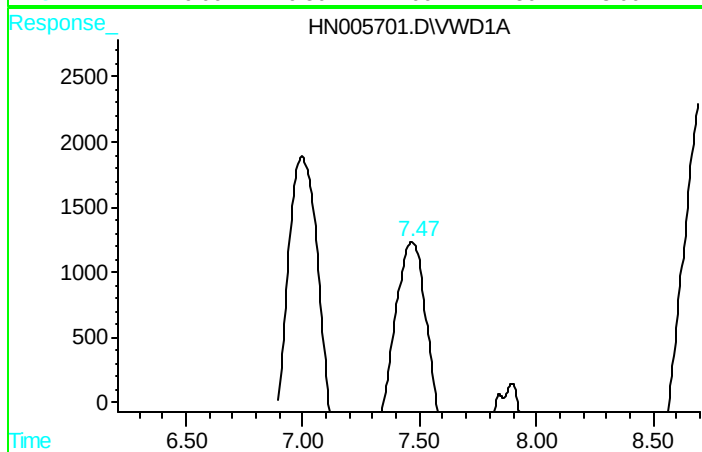
#9 2,4,6-Trinitrotoluene

R.T.: 6.995 min
Delta R.T.: 0.117 min
Response: 394342
Conc: 34.33 ug/L m

Instrument :
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LOQ WATER 2013-02

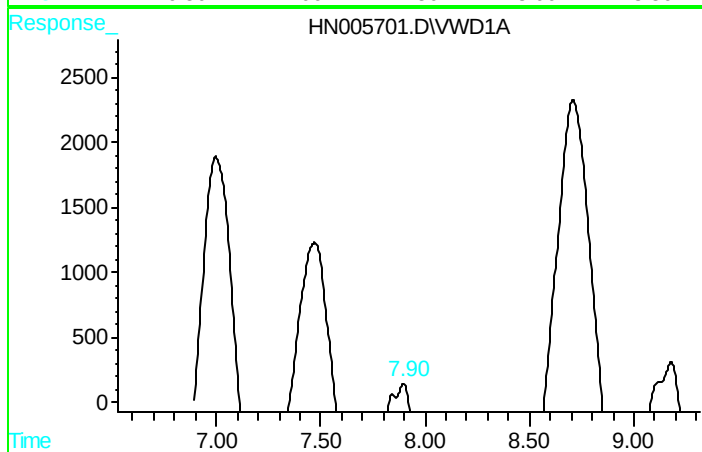
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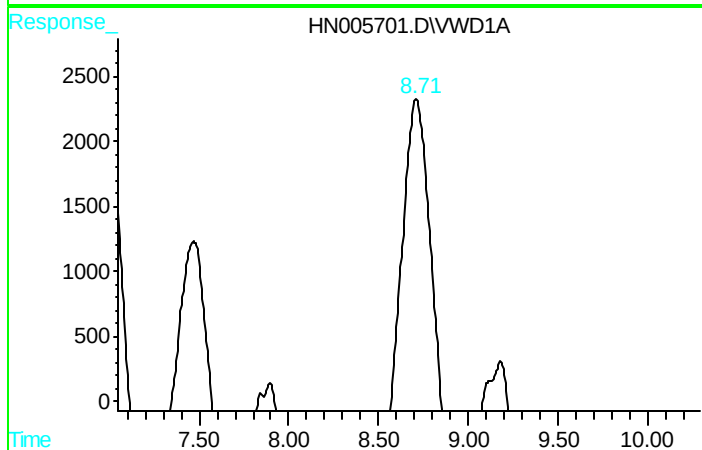
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.467 min
Delta R.T.: 0.134 min
Response: 407109
Conc: 37.85 ug/L m



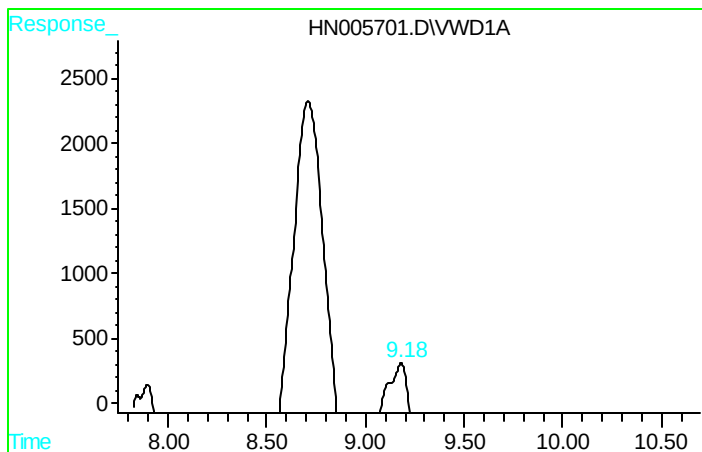
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.896 min
Delta R.T.: 0.173 min
Response: 264082
Conc: 41.82 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.707 min
Delta R.T.: 0.145 min
Response: 583599
Conc: 39.61 ug/L m



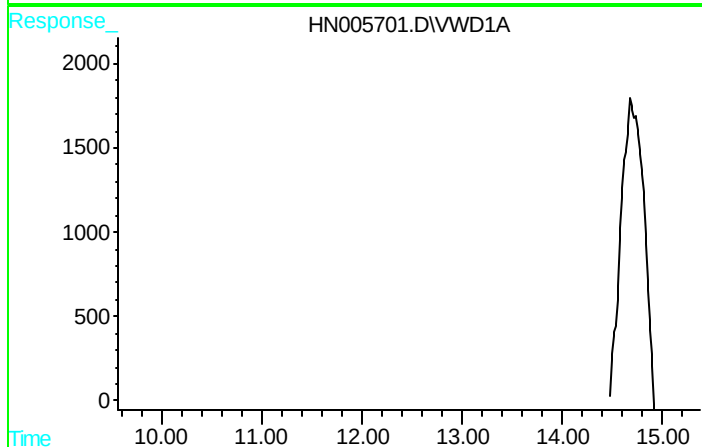
#13 2,6-Dinitrotoluene

R.T.: 9.180 min
Delta R.T.: 0.193 min
Response: 315002
Conc: 38.36 ug/L m

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HPLC_N
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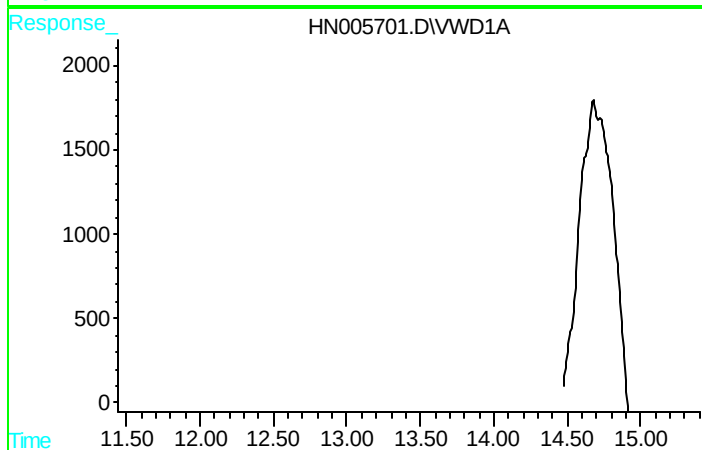
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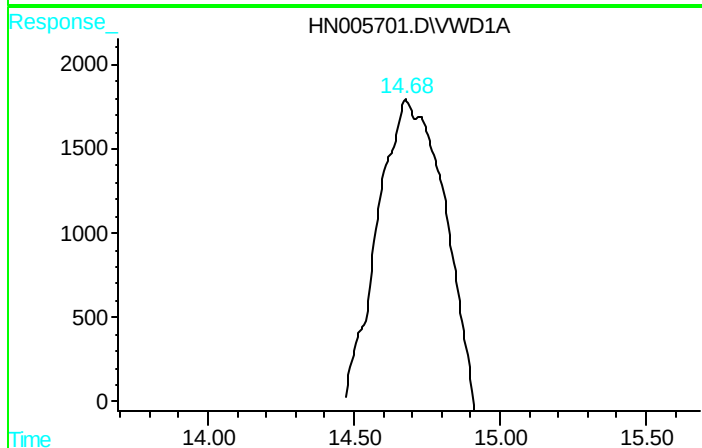
#14 2-Nitrotoluene

R.T.: 12.565 min
Delta R.T.: 0.212 min
Response: 299395
Conc: 46.71 ug/L m



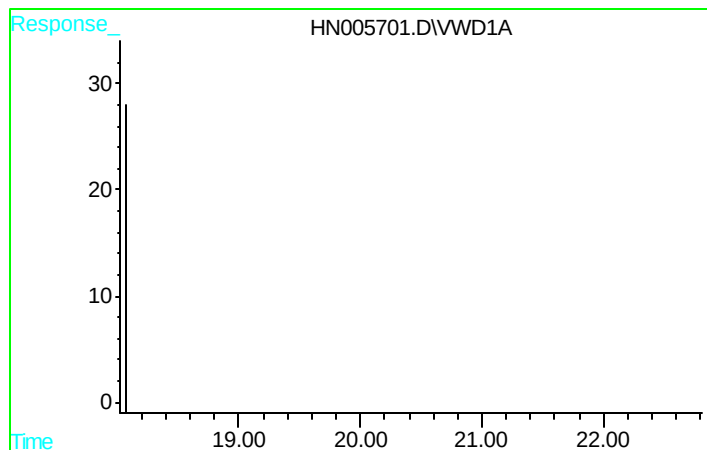
#15 4-Nitrotoluene

R.T.: 13.380 min
Delta R.T.: 0.226 min
Response: 192693
Conc: 37.13 ug/L m



#16 3-Nitrotoluene

R.T.: 14.677 min
Delta R.T.: 0.197 min
Response: 894914
Conc: 45.48 ug/L m



#17 PETN

R.T.: 20.351 min
Delta R.T.: 0.286 min
Response: 389156
Conc: 41.96 ug/L m

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ClientSampleId :
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