

Data File : S:\HPCHEM1\HPLC_N\DATA\HN071714\HN006137.D Vial: 12
 Acq On : 17-Jul-2014, 13:31 Operator: HNP
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 17 13:20 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

mohammad
 7/24/2014 3:16:30 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 12:40:22 2014
 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	1.34	507325	127.266 ug/L m
Target Compounds			
2) T HMX	0.89	719517	164.499 ug/L
3) T RDX	1.73	667402	133.725 ug/L m
4) T 1,3,5-Trinitrobenzene	2.74	1327022	131.924 ug/L
5) T 1,3-Dinitrobenzene	3.64	2005862	131.850 ng/ml
6) T 3,5-Dinitroaniline	4.00	1673150	137.125 ug/L
7) T Nitrobenzene	4.92	1239931	134.906 ug/L m
8) T Tetryl	6.49	958564	133.251 ug/L m
9) T 2,4,6-Trinitrotoluene	6.79	1228707	128.148 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.28	1311000	130.130 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.66	874323	131.098 ug/L m
12) T 2,4-Dinitrotoluene	8.50	1880056	132.732 ug/L m
13) T 2,6-Dinitrotoluene	8.93	1067701	136.331 ug/L m
14) T 2-Nitrotoluene	12.40	861838	137.715 ug/L m
15) T 4-Nitrotoluene	13.16	684942	133.971 ug/L m
16) T 3-Nitrotoluene	14.54	918116	146.592 ug/L m
17) T PETN	19.82	920260	115.133 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.

HN006137.D HN071714.M

Wed Aug 13 18:30:08 2014

RPT1

Quantitation Report

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Acq On : 17-Jul-2014, 13:31 Operator: HNP
Sample : HSTDICC0100 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jul 17 13:20 2014 Quant Results File: HN071714.RES

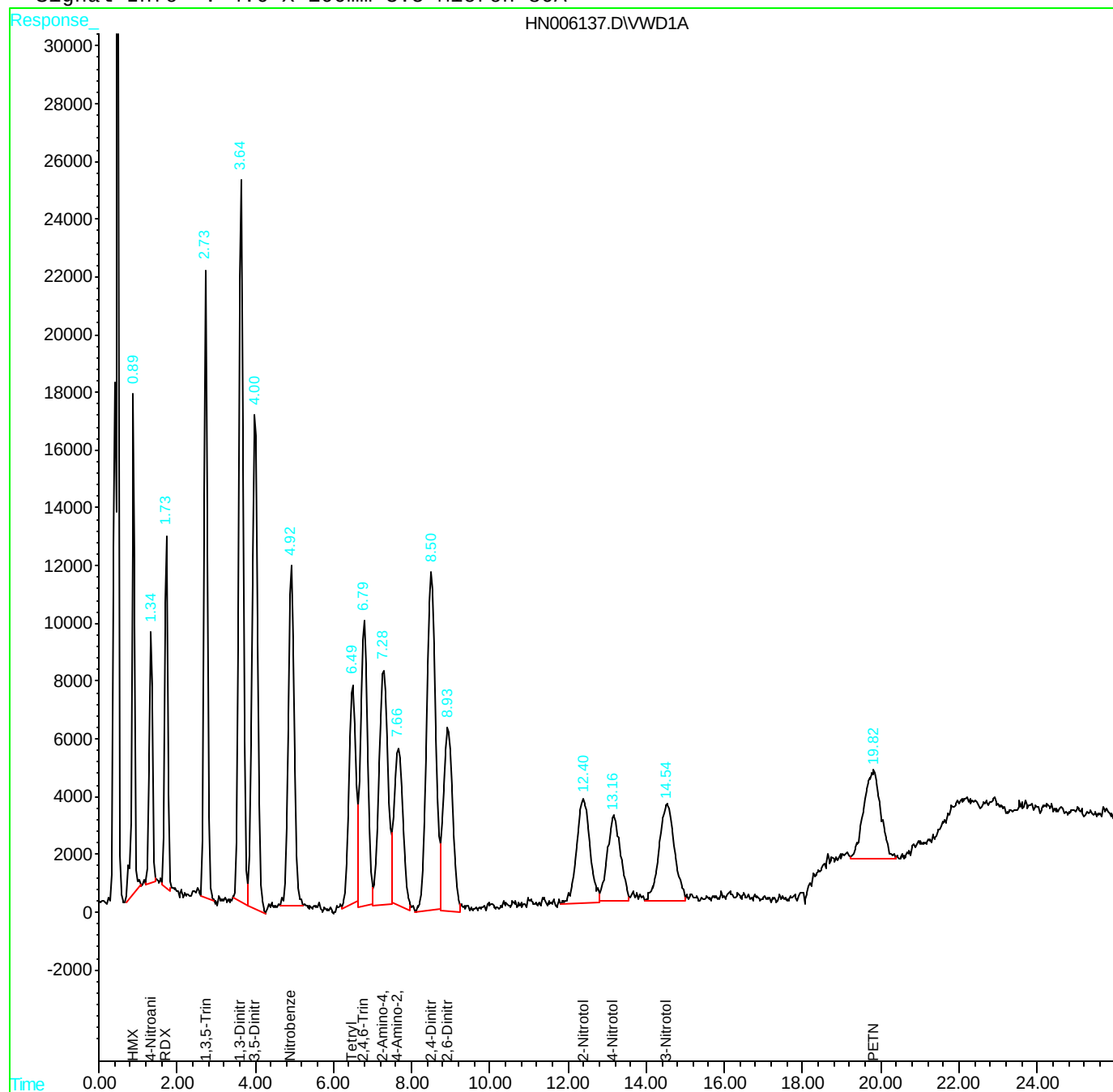
Instrument :
HPLC_N
LabSampleId :
HSTDICC0100

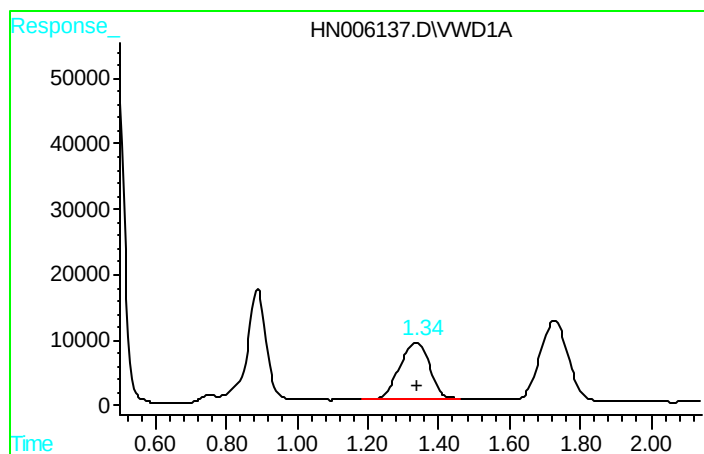
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 12:40:22 2014
Response via : Single Level Calibration
DataAcq Meth : 8330AGIP.M

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





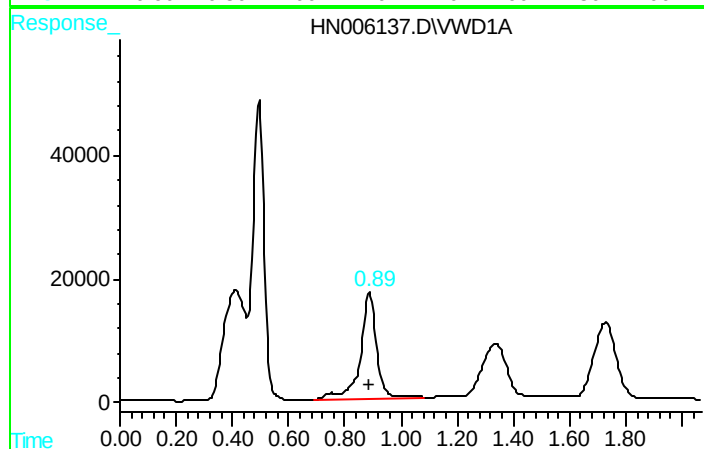
#1 4-Nitroaniline

R.T.: 1.337 min
Delta R.T.: 0.000 min
Response: 507325
Conc: 127.27 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDICC0100

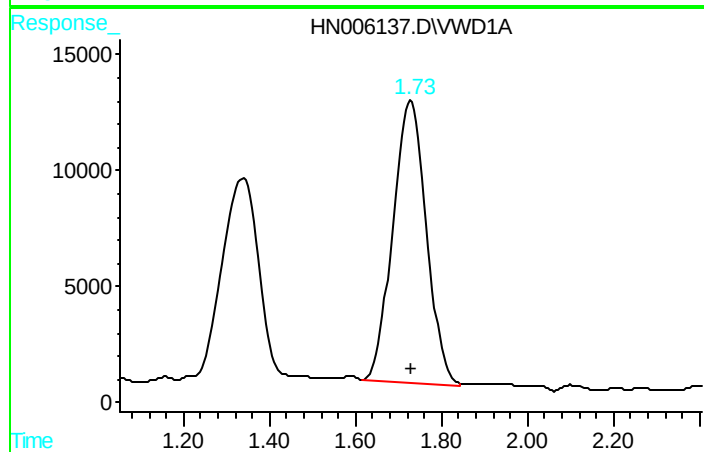
Manual Integrations
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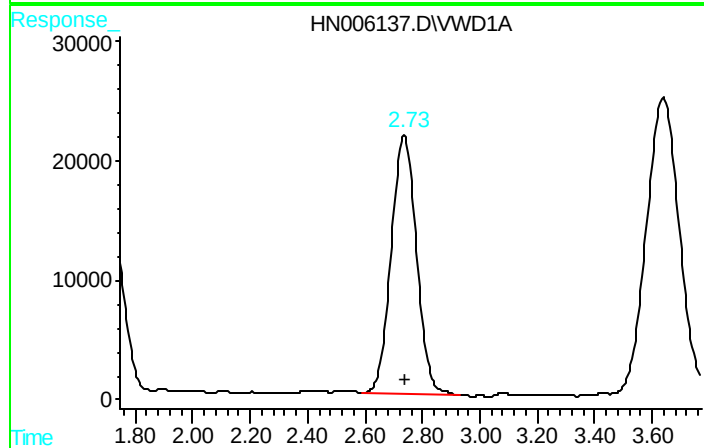
#2 HMX

R.T.: 0.889 min
Delta R.T.: 0.001 min
Response: 719517
Conc: 164.50 ug/L



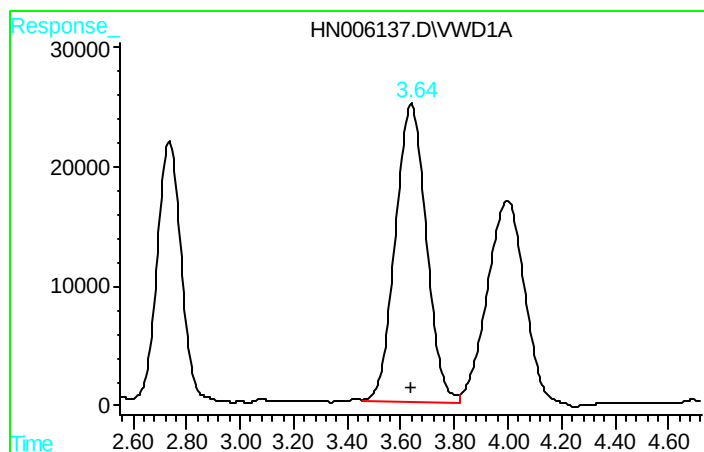
#3 RDX

R.T.: 1.727 min
Delta R.T.: -0.004 min
Response: 667402
Conc: 133.73 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.737 min
Delta R.T.: 0.000 min
Response: 1327022
Conc: 131.92 ug/L



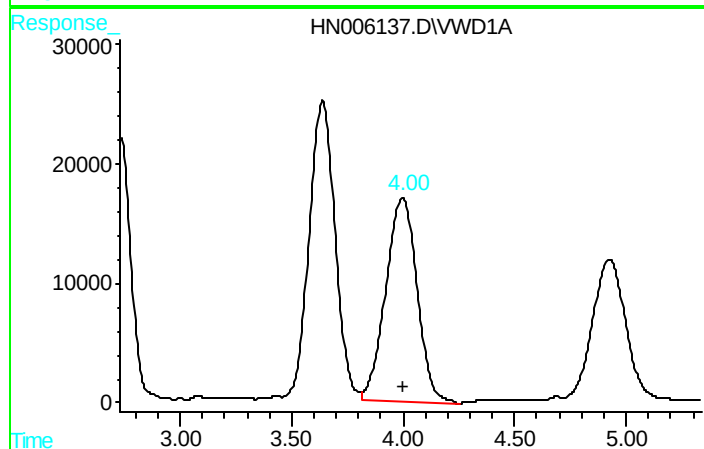
#5 1,3-Dinitrobenzene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 2005862
Conc: 131.85 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDICC0100

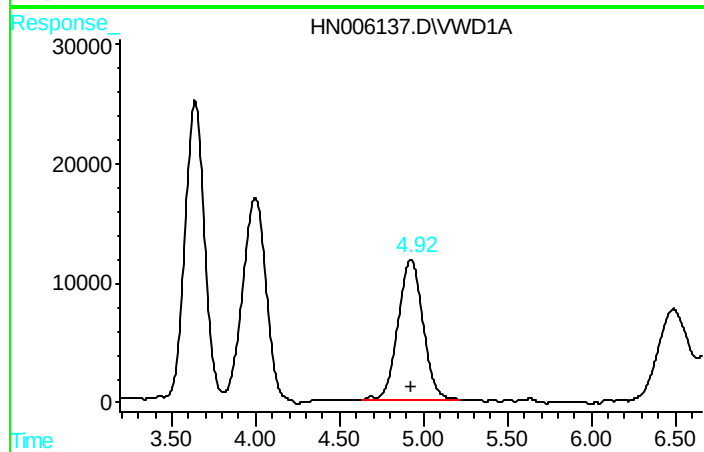
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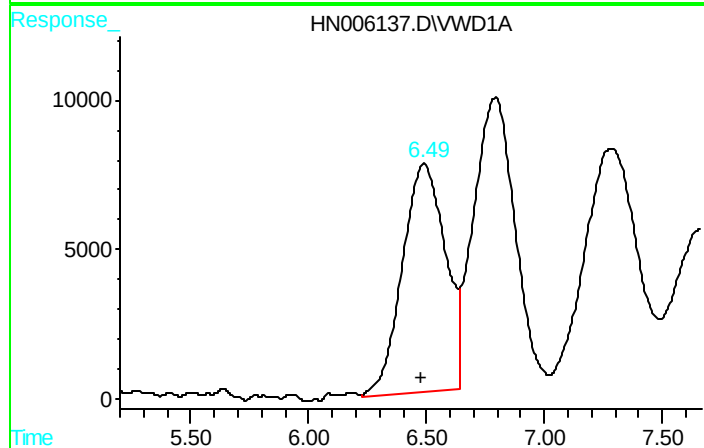
#6 3,5-Dinitroaniline

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 1673150
Conc: 137.13 ug/L



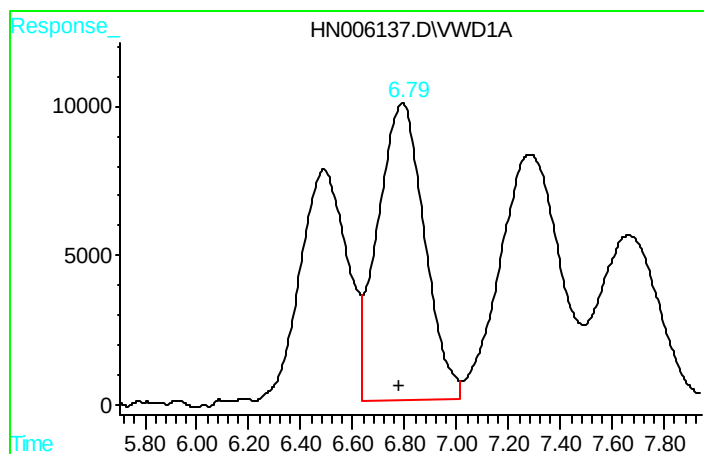
#7 Nitrobenzene

R.T.: 4.924 min
Delta R.T.: 0.004 min
Response: 1239931
Conc: 134.91 ug/L m



#8 Tetryl

R.T.: 6.488 min
Delta R.T.: 0.011 min
Response: 958564
Conc: 133.25 ug/L m



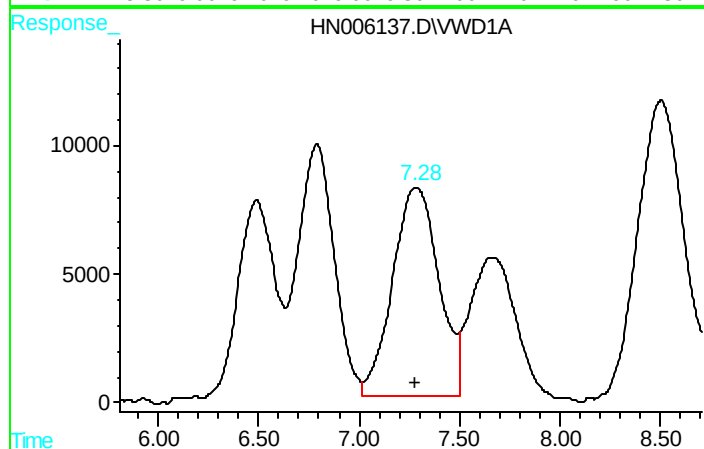
#9 2,4,6-Trinitrotoluene

R.T.: 6.791 min
Delta R.T.: 0.014 min
Response: 1228707
Conc: 128.15 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDIC00100

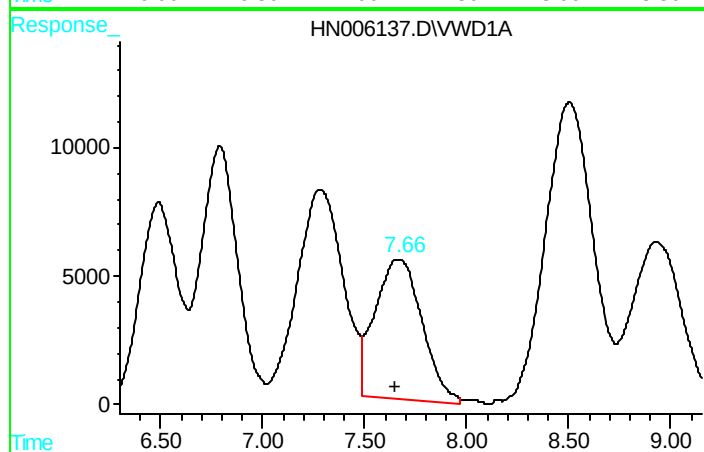
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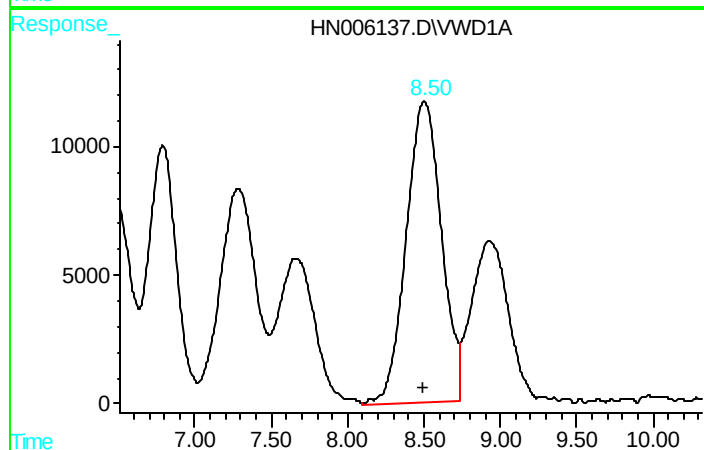
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.283 min
Delta R.T.: 0.009 min
Response: 1311000
Conc: 130.13 ug/L m



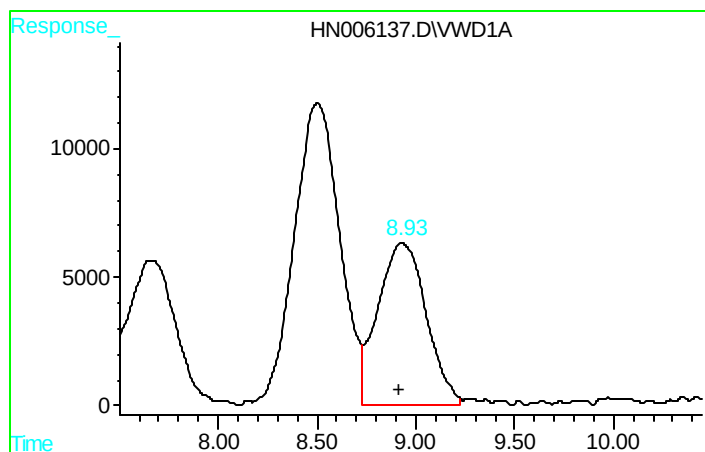
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.663 min
Delta R.T.: 0.011 min
Response: 874323
Conc: 131.10 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.501 min
Delta R.T.: 0.014 min
Response: 1880056
Conc: 132.73 ug/L m



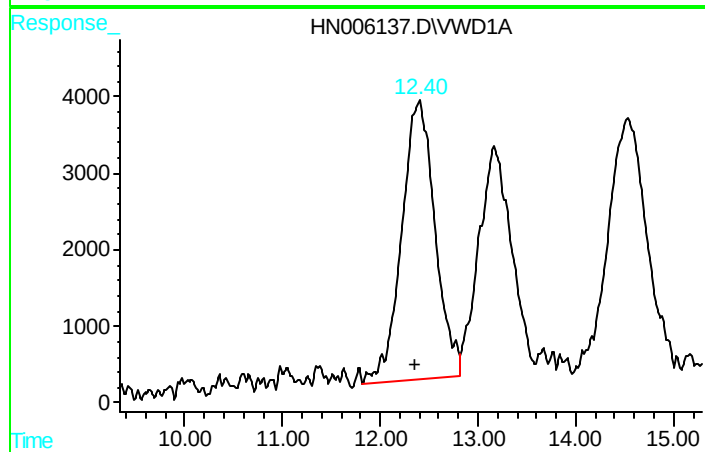
#13 2,6-Dinitrotoluene

R.T.: 8.925 min
Delta R.T.: 0.006 min
Response: 1067701
Conc: 136.33 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDIC0100

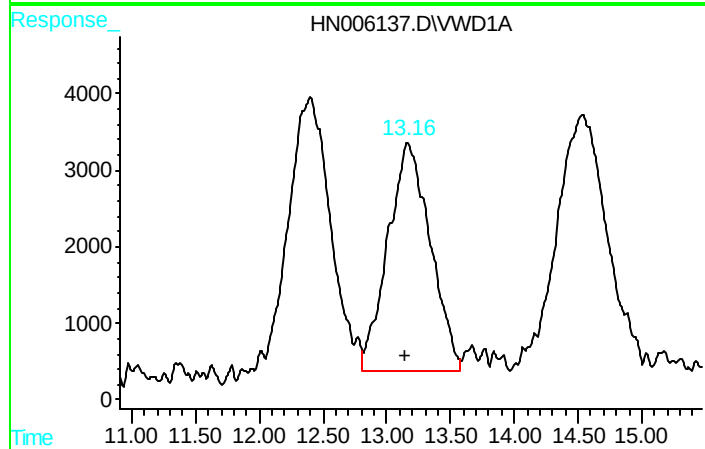
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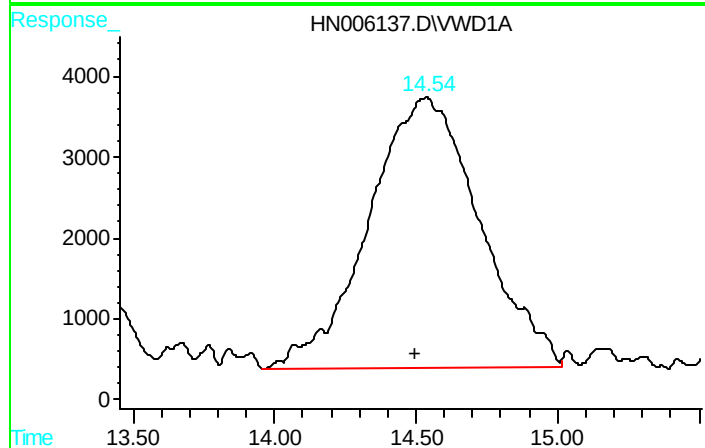
#14 2-Nitrotoluene

R.T.: 12.402 min
Delta R.T.: 0.044 min
Response: 861838
Conc: 137.72 ug/L m



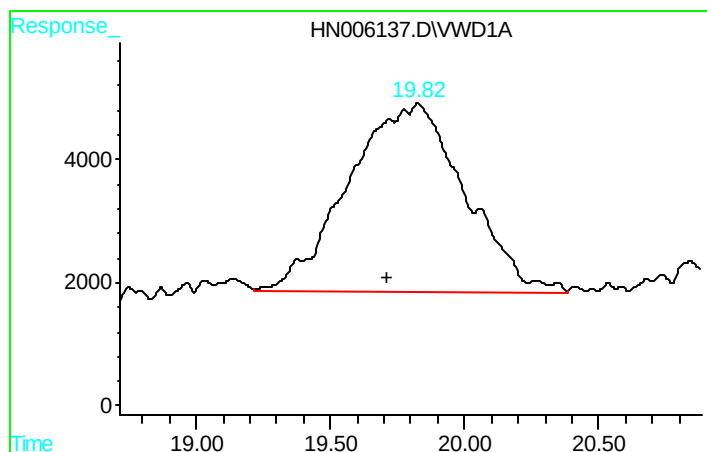
#15 4-Nitrotoluene

R.T.: 13.161 min
Delta R.T.: 0.014 min
Response: 684942
Conc: 133.97 ug/L m



#16 3-Nitrotoluene

R.T.: 14.538 min
Delta R.T.: 0.043 min
Response: 918116
Conc: 146.59 ug/L m



#17 PETN

R.T.: 19.824 min
Delta R.T.: 0.114 min
Response: 920260
Conc: 115.13 ug/L m

Instrument :

HPLC_N

LabSampleId :

HSTDIC00100

Manual Integrations
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