

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006233.D\VWD1A.CH Vial:
 Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006233.D\VWD1A.CH
 Acq On : 13-Aug-2014, 12:54 Operator: HNP
 Sample : F3388-01MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Aug 13 15:46 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 HF-OAT-S-01MS

Manual Integrations
 APPROVED

TEJASKUMAR
 8/14/2014 6:05:48 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Wed Aug 13 15:37:46 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.44	683374	155.161 ug/L m
Target Compounds			
2) T HMX	0.94	595223	116.953 ug/L
3) T RDX	1.86	650494	116.201 ug/L m
4) T 1,3,5-Trinitrobenzene	2.98	1053889	95.470 ug/L
5) T 1,3-Dinitrobenzene	3.98	2301657	137.078 ng/mlm
6) T 3,5-Dinitroaniline	4.40	2347486	174.199 ug/L
7) T Nitrobenzene	5.41	1207064	117.340 ug/L m
9) T 2,4,6-Trinitrotoluene	7.65	1050832	99.329 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	8.24	1229362	107.834 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	8.73	802136	115.741 ug/L m
12) T 2,4-Dinitrotoluene	9.58	1864143	117.628 ug/L m
13) T 2,6-Dinitrotoluene	10.10	1056688	123.871 ug/L m
14) T 2-Nitrotoluene	14.05	801544	116.480 ug/L m
15) T 4-Nitrotoluene	14.91	703687	126.879 ug/L m
16) T 3-Nitrotoluene	16.42	879686	123.105 ug/L m
17) T PETN	22.63	1288496	145.470 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.

HN006233.D HN071714.M

Fri Aug 15 18:11:33 2014

RPT1

Quantitation Report

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006233.D\VWD1A.CH Vial:
 Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN081314\HN006233.D\VWD1A.CH
 Acq On : 13-Aug-2014, 12:54 Operator: HNP
 Sample : F3388-01MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Aug 13 15:46 2014 Quant Results File: HN071714.RES

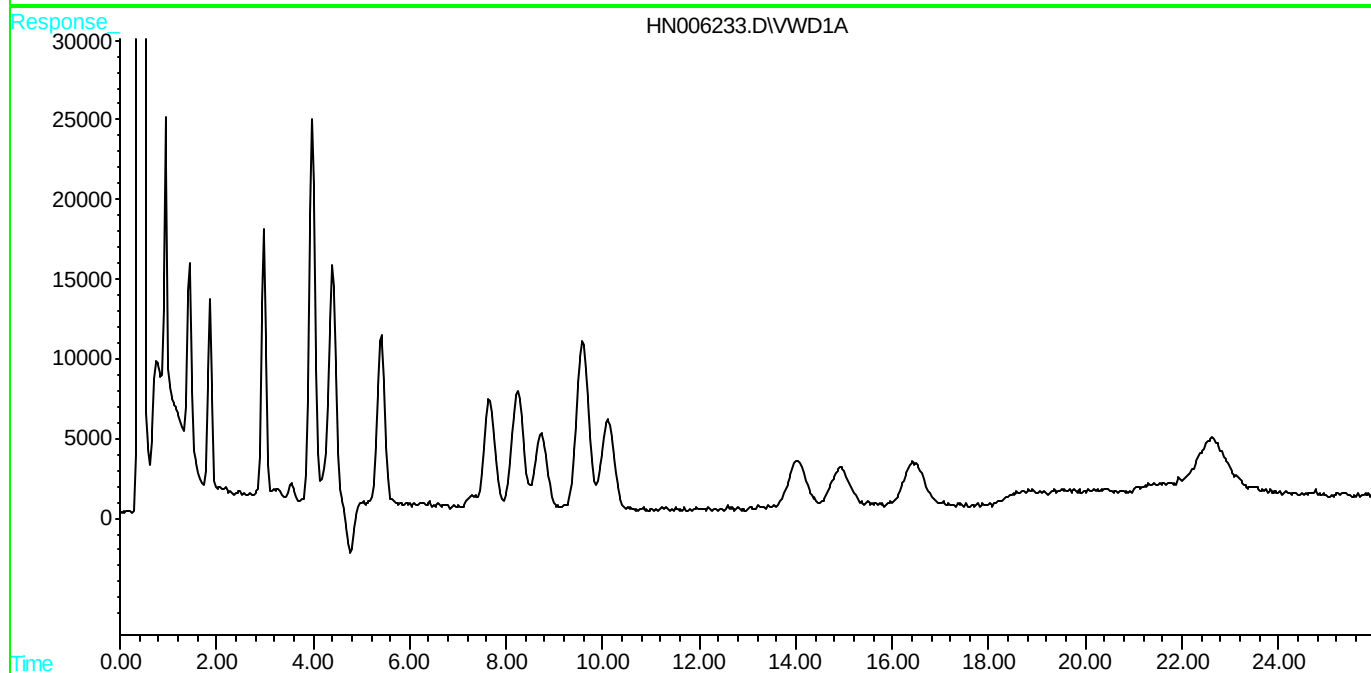
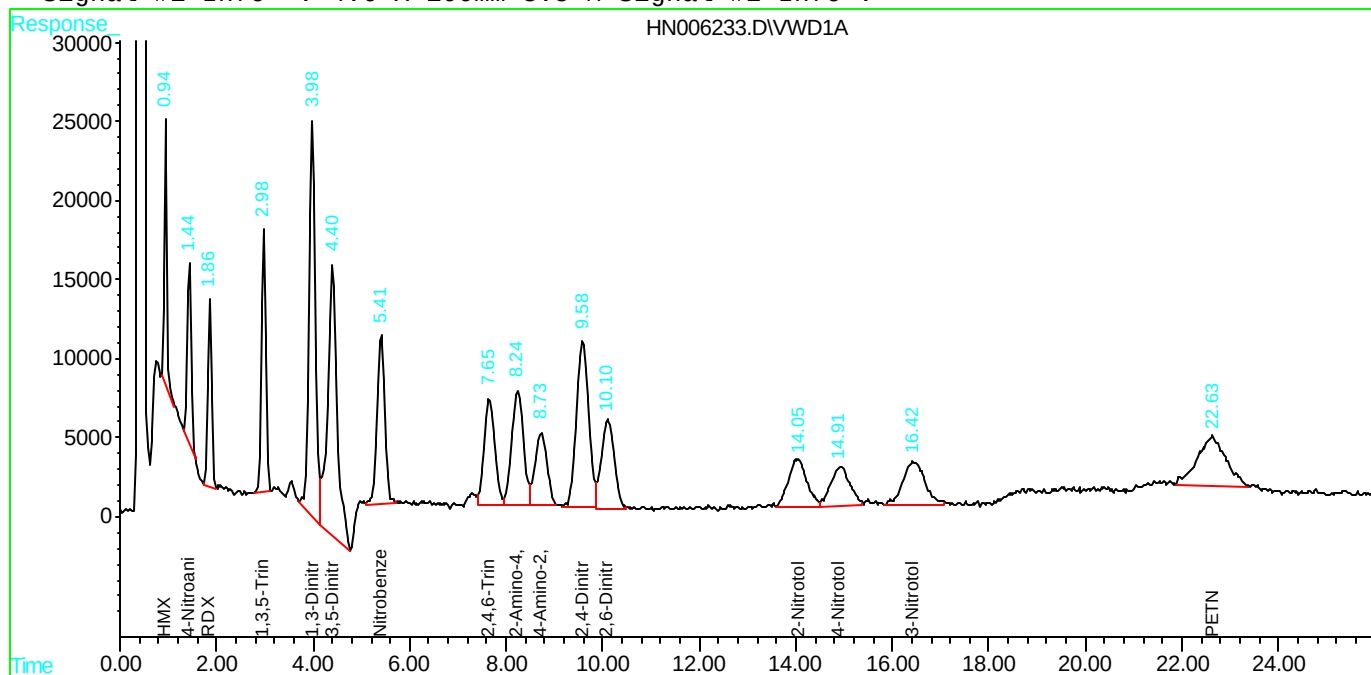
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 HPLC_N
 ClientSampleId :
 HF-OAT-S-01MS

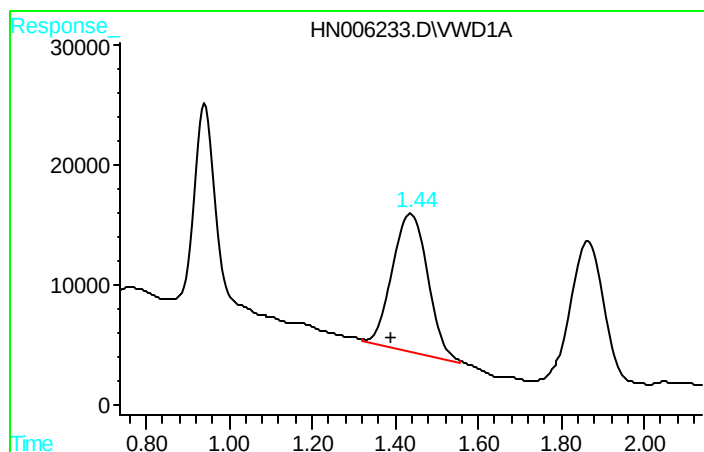
Manual Integrations
 APPROVED

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 8/14/2014 6:05:48 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Wed Aug 13 15:37:46 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





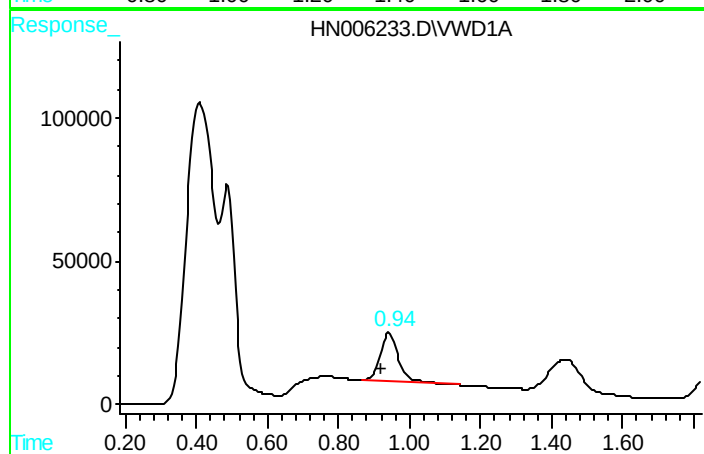
#1 4-Nitroaniline

R.T.: 1.437 min
 Delta R.T.: 0.047 min
 Response: 683374
 Conc: 155.16 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 HF-OAT-S-01MS

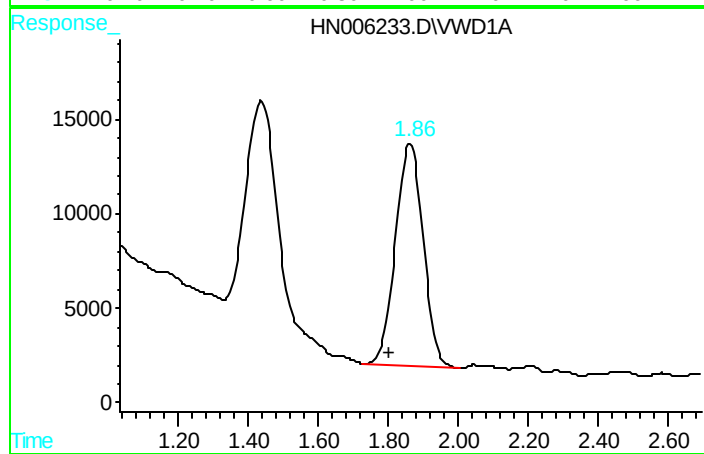
Manual Integrations
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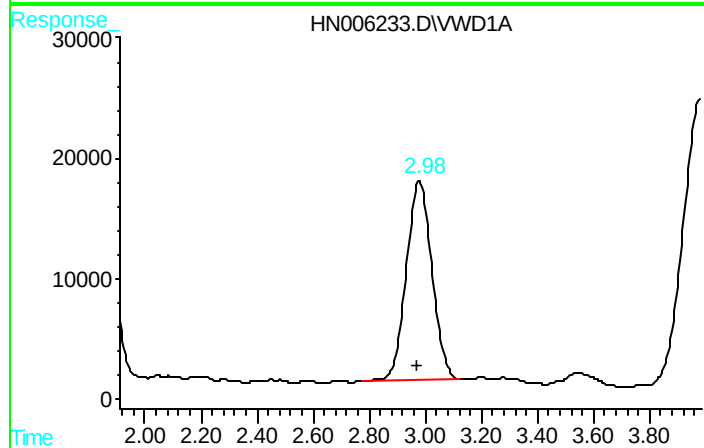
#2 HMX

R.T.: 0.943 min
 Delta R.T.: 0.023 min
 Response: 595223
 Conc: 116.95 ug/L



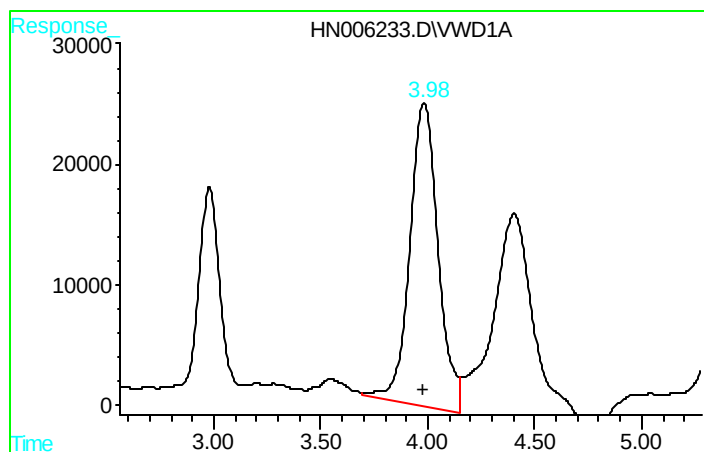
#3 RDX

R.T.: 1.861 min
 Delta R.T.: 0.061 min
 Response: 650494
 Conc: 116.20 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.979 min
 Delta R.T.: 0.009 min
 Response: 1053889
 Conc: 95.47 ug/L



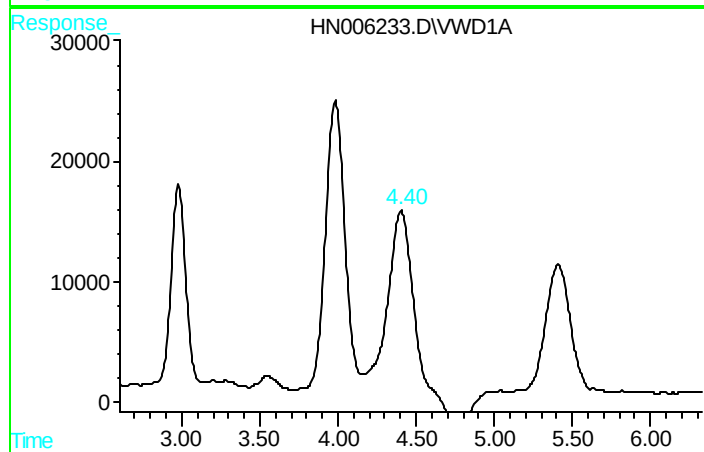
#5 1,3-Dinitrobenzene

R.T.: 3.982 min
Delta R.T.: 0.002 min
Response: 2301657
Conc: 137.08 ng/ml

Instrument :
HPLC_N
ClientSampleId :
HF-OAT-S-01MS

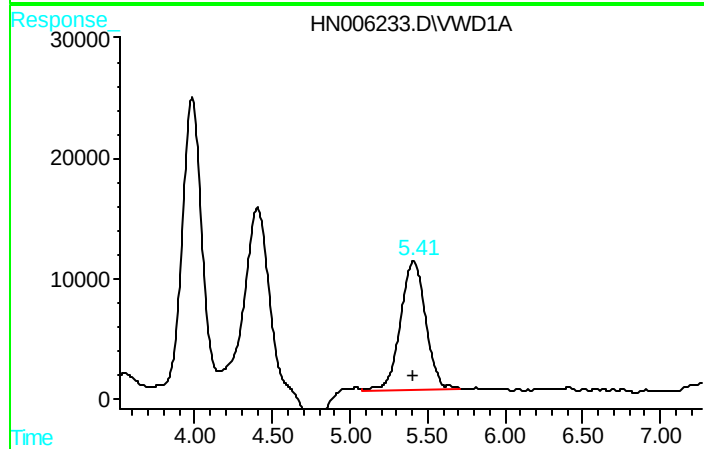
Manual Integrations
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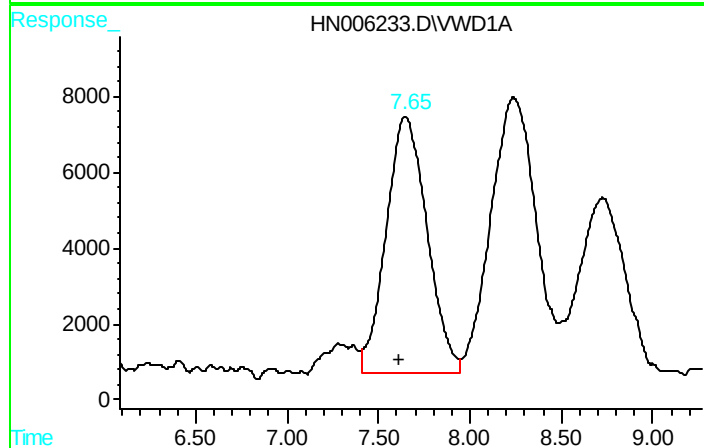
#6 3,5-Dinitroaniline

R.T.: 4.404 min
Delta R.T.: 0.004 min
Response: 2347486
Conc: 174.20 ug/L



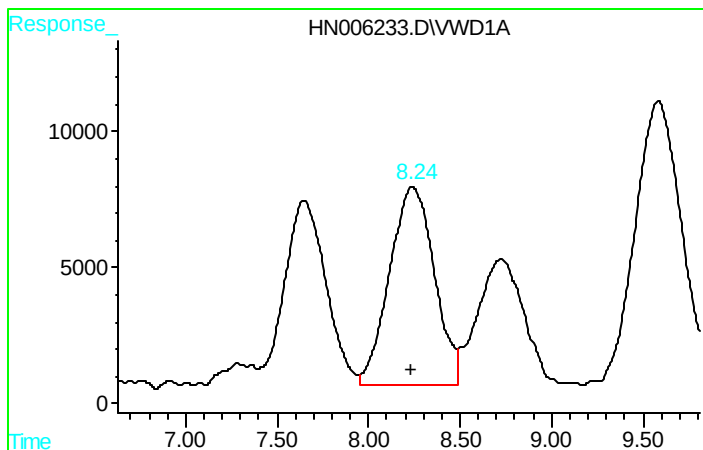
#7 Nitrobenzene

R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 1207064
Conc: 117.34 ug/L m



#9 2,4,6-Trinitrotoluene

R.T.: 7.645 min
Delta R.T.: 0.035 min
Response: 1050832
Conc: 99.33 ug/L m



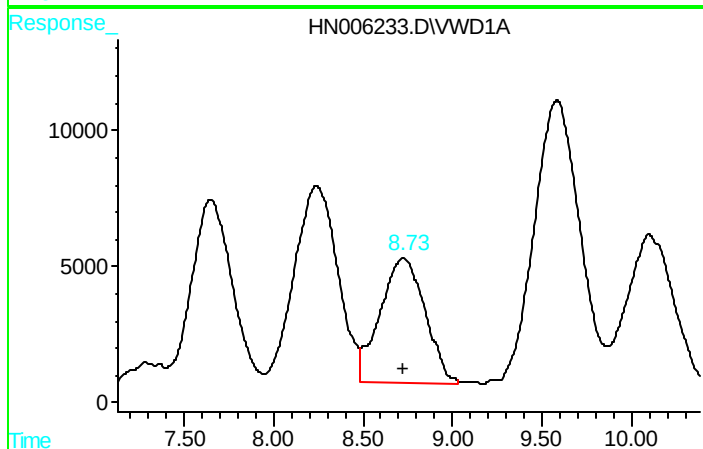
#10 2-Amino-4,6-dinitrotoluene

R.T.: 8.236 min
Delta R.T.: 0.006 min
Response: 1229362
Conc: 107.83 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HF-OAT-S-01MS

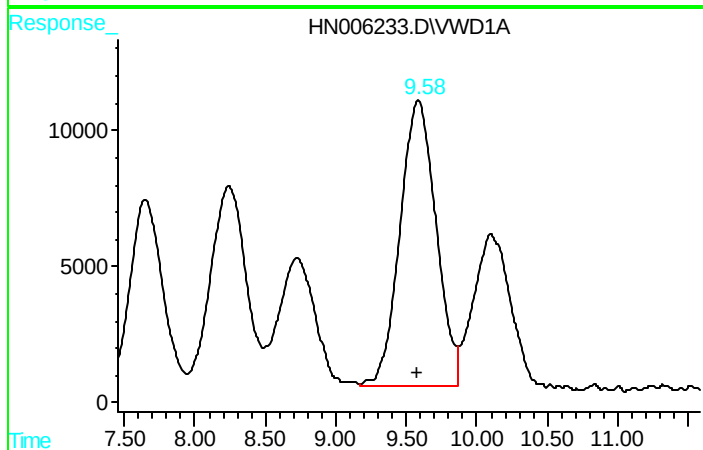
Manual Integrations
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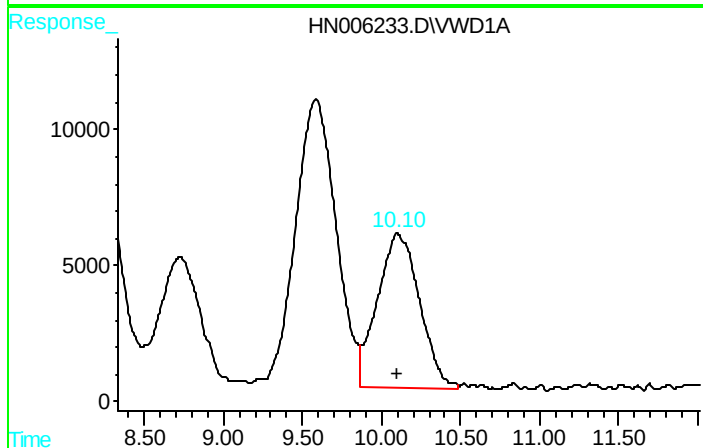
#11 4-Amino-2,6-dinitrotoluene

R.T.: 8.726 min
Delta R.T.: 0.006 min
Response: 802136
Conc: 115.74 ug/L m



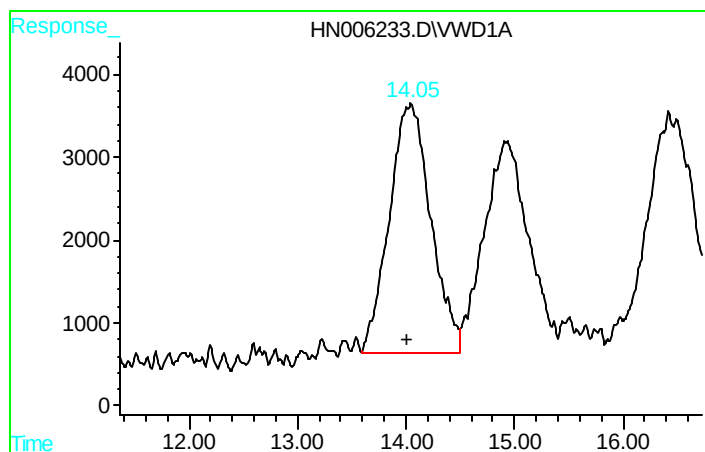
#12 2,4-Dinitrotoluene

R.T.: 9.583 min
Delta R.T.: 0.013 min
Response: 1864143
Conc: 117.63 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 10.097 min
Delta R.T.: -0.003 min
Response: 1056688
Conc: 123.87 ug/L m



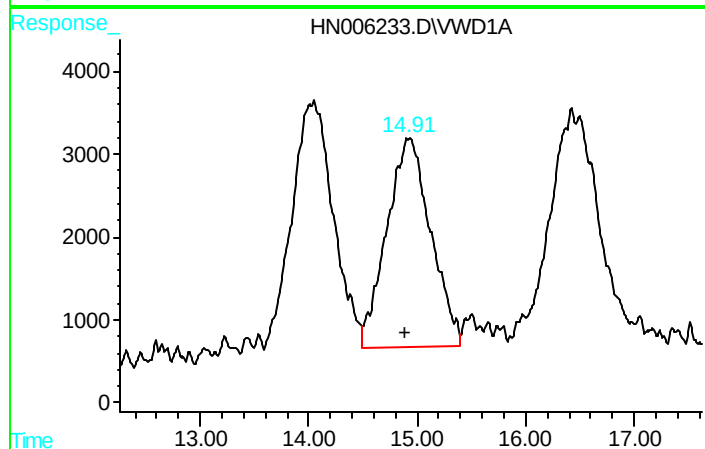
#14 2-Nitrotoluene

R.T.: 14.048 min
Delta R.T.: 0.048 min
Response: 801544
Conc: 116.48 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HF-OAT-S-01MS

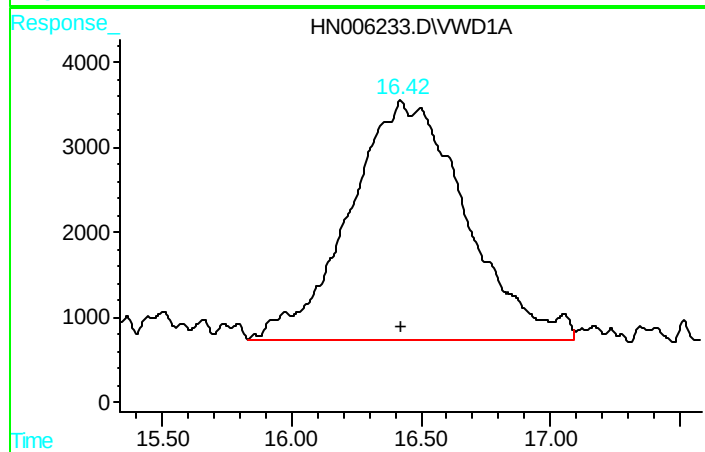
Manual Integrations
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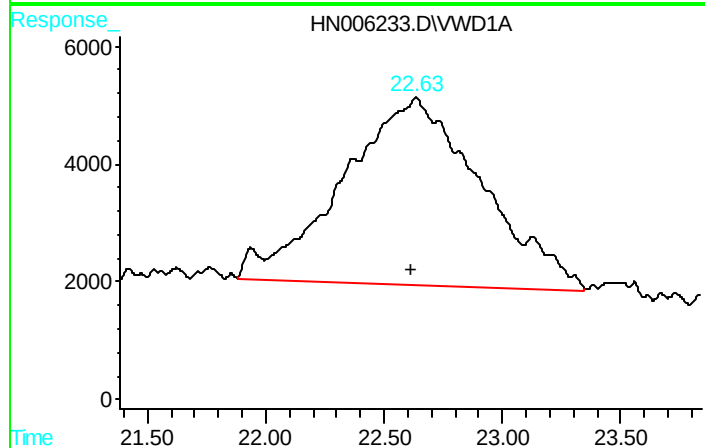
#15 4-Nitrotoluene

R.T.: 14.906 min
Delta R.T.: 0.026 min
Response: 703687
Conc: 126.88 ug/L m



#16 3-Nitrotoluene

R.T.: 16.421 min
Delta R.T.: 0.000 min
Response: 879686
Conc: 123.10 ug/L m



#17 PETN

R.T.: 22.634 min
Delta R.T.: 0.024 min
Response: 1288496
Conc: 145.47 ug/L m