

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006342.D\VWD1A.CH Vial: 40
 Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006342.D\VWD1A.CH
 Acq On : 16-Oct-2014, 07:03 Operator: HNP
 Sample : F4204-05MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 12:02 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB50-02-03-1014MSD

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:22:15 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 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	1.32	592835	149.159 ug/L m
Target Compounds			
2) T HMX	0.89	527307	109.029 ug/L m
3) T RDX	1.71	650854	118.714 ug/L m
4) T 1,3,5-Trinitrobenzene	2.71	1214262	113.224 ug/L
5) T 1,3-Dinitrobenzene	3.61	1976012	120.678 ng/ml
6) T 3,5-Dinitroaniline	3.97	1456518	124.993 ug/L
7) T Nitrobenzene	4.88	1244185	124.158 ug/L m
8) T Tetryl	6.41	910558	142.806 ug/L m
9) T 2,4,6-Trinitrotoluene	6.70	1702406	158.555 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.20	1383783	119.504 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.58	892658	146.262 ug/L m
12) T 2,4-Dinitrotoluene	8.39	1847097	119.961 ug/L m
13) T 2,6-Dinitrotoluene	8.81	1015433	119.805 ug/L m
14) T 2-Nitrotoluene	12.21	794453	118.623 ug/L m
15) T 4-Nitrotoluene	12.98	642632	117.396 ug/L m
16) T 3-Nitrotoluene	14.30	772924	111.025 ug/L m
17) T PETN	19.45	1099937	133.644 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.

HN006342.D HN100214.M

Thu Oct 30 05:17:37 2014

Quantitation Report

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006342.D\VWD1A.CH Vial: 40
 Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006342.D\VWD1A.CH
 Acq On : 16-Oct-2014, 07:03 Operator: HNP
 Sample : F4204-05MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 12:02 2014 Quant Results File: HN100214.RES

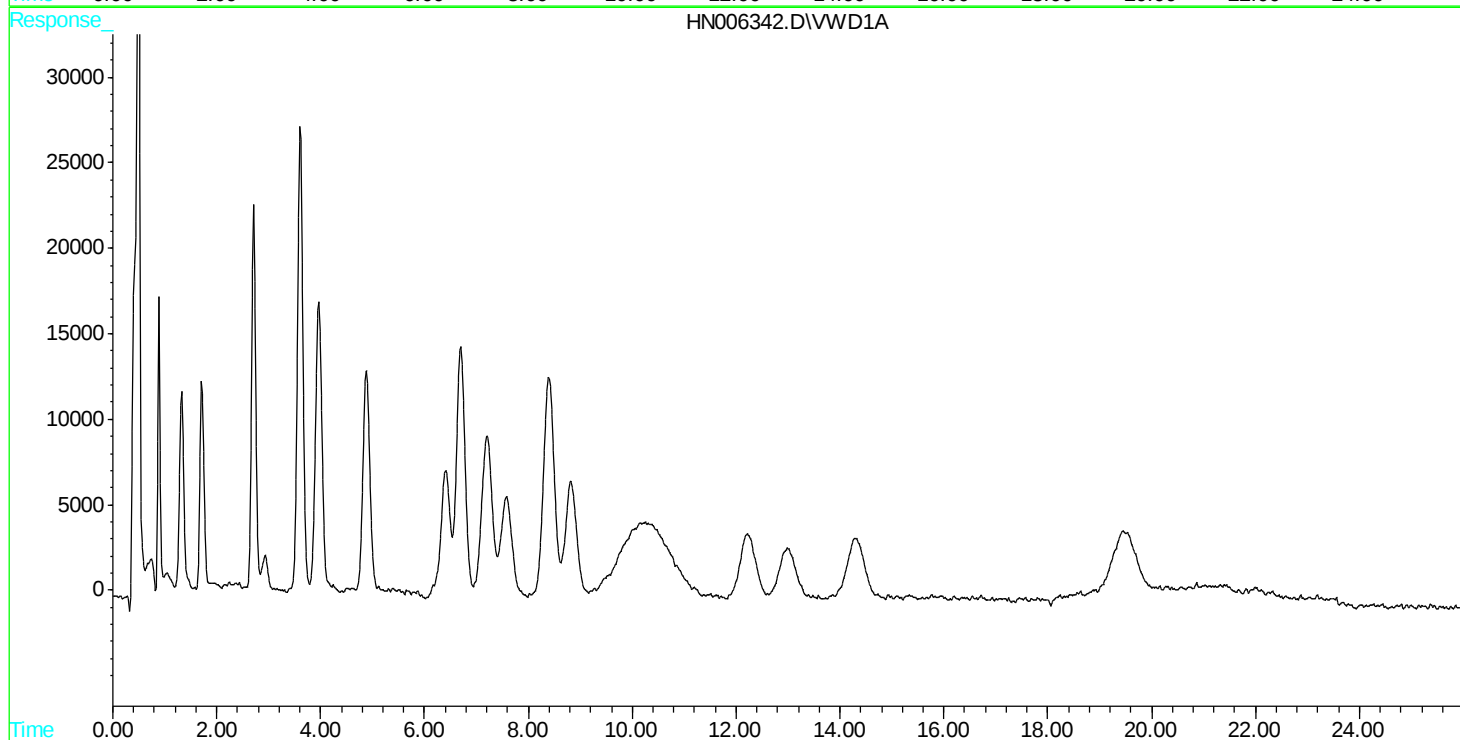
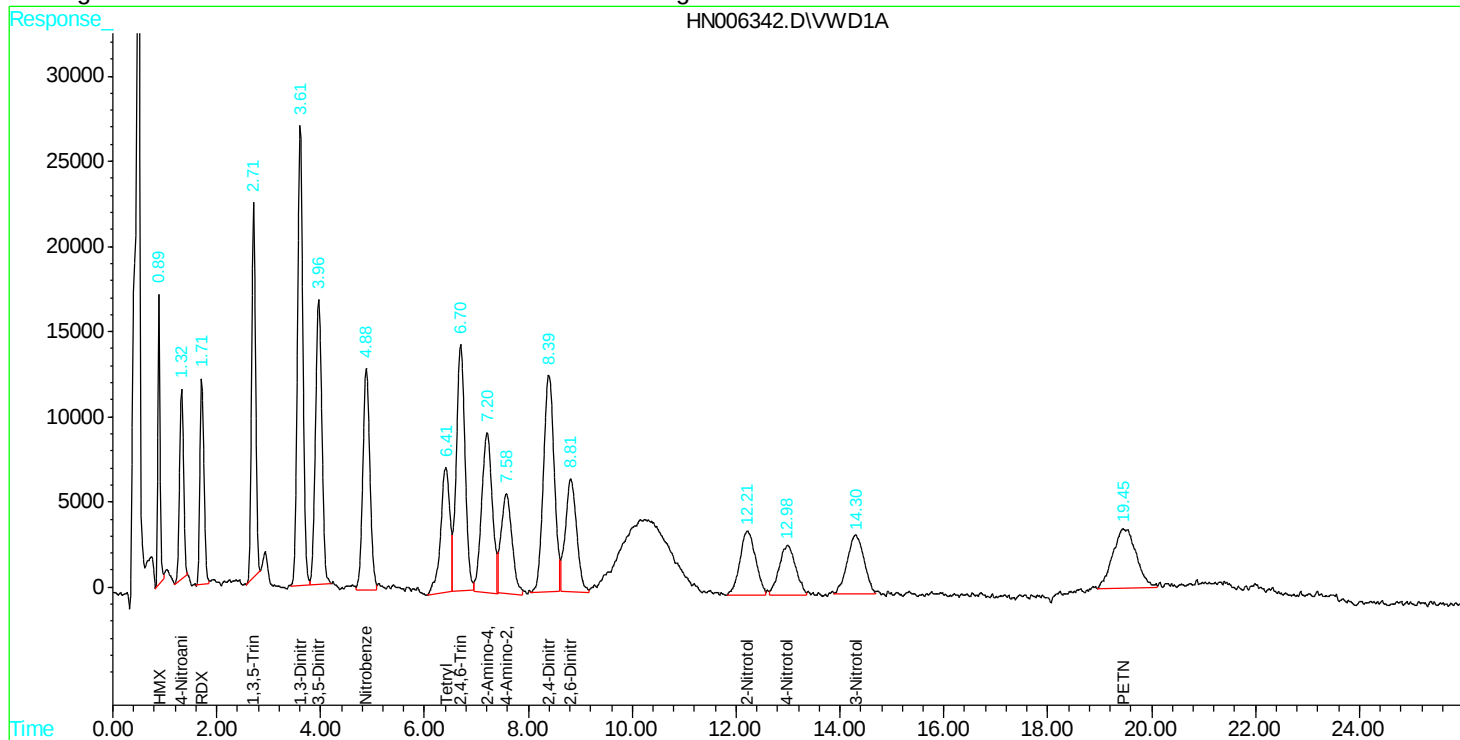
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB50-02-03-1014MSD

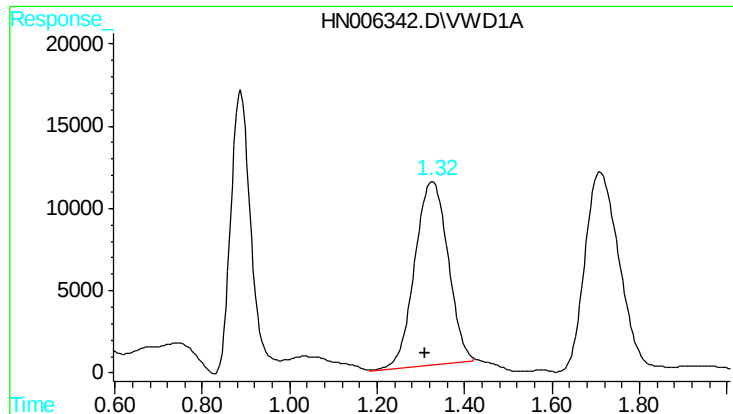
Manual Integrations
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 10/21/2014 10:22:15 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 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 :





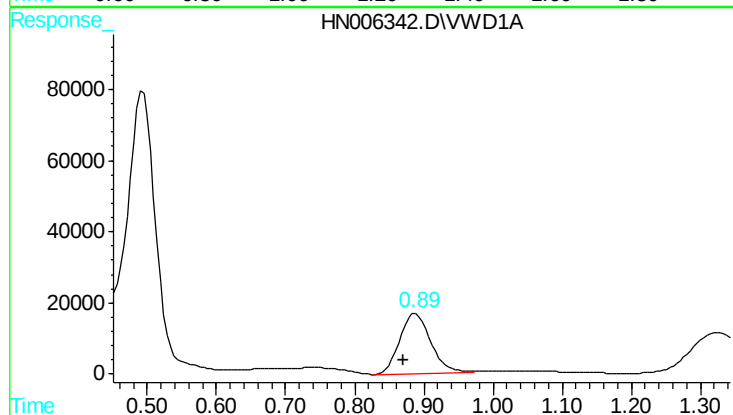
#1 4-Nitroaniline

R.T.: 1.325 min
Delta R.T.: 0.017 min
Response: 592835
Conc: 149.16 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB50-02-03-1014MSD

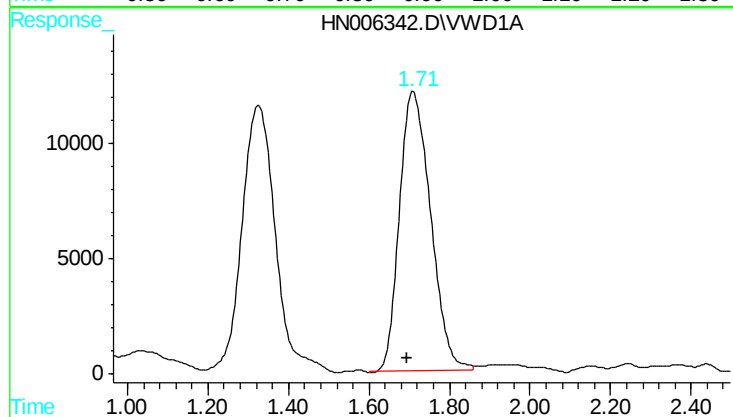
Manual Integrations
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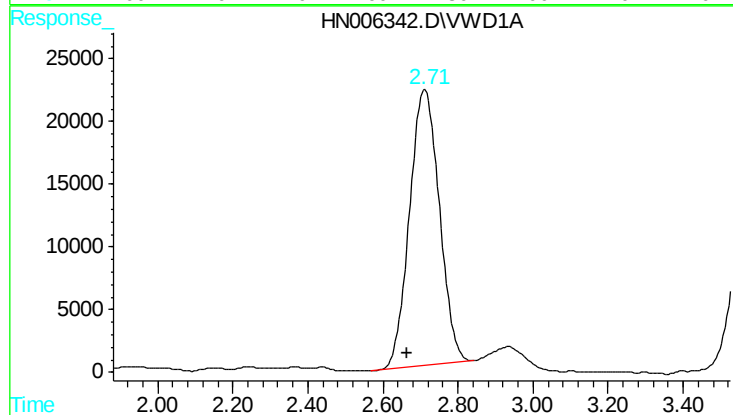
#2 HMX

R.T.: 0.886 min
Delta R.T.: 0.015 min
Response: 527307
Conc: 109.03 ug/L m



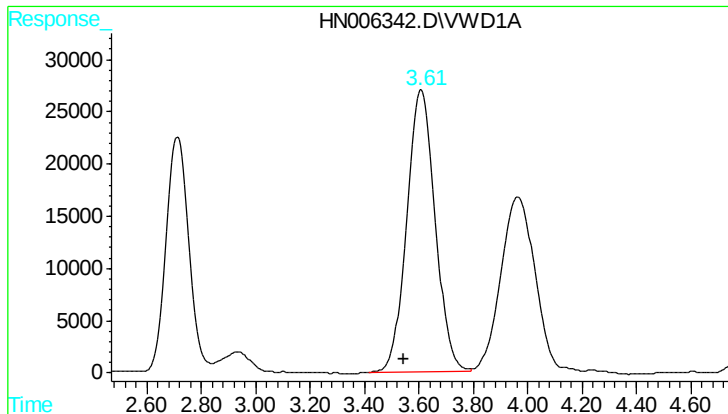
#3 RDX

R.T.: 1.708 min
Delta R.T.: 0.013 min
Response: 650854
Conc: 118.71 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.712 min
Delta R.T.: 0.046 min
Response: 1214262
Conc: 113.22 ug/L



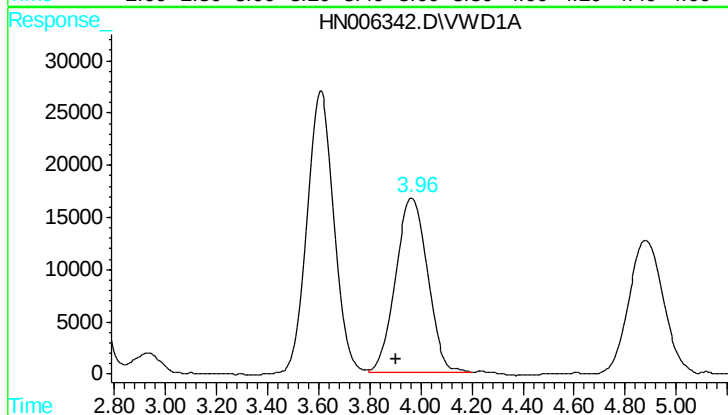
#5 1,3-Dinitrobenzene

R.T.: 3.608 min
Delta R.T.: 0.063 min
Response: 1976012
Conc: 120.68 ng/ml

Instrument :
HPLC_N
ClientSampleId :
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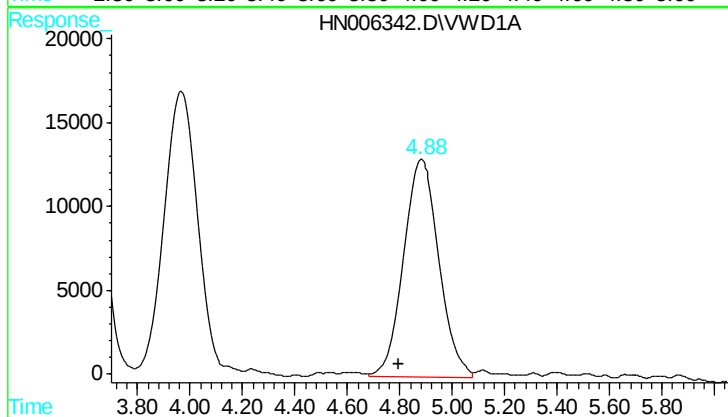
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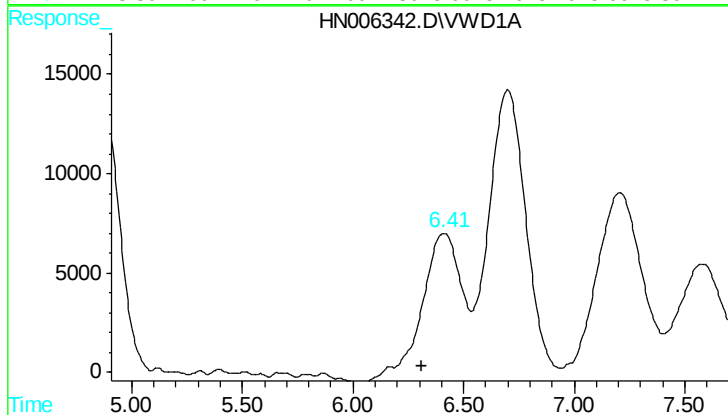
#6 3,5-Dinitroaniline

R.T.: 3.966 min
Delta R.T.: 0.064 min
Response: 1456518
Conc: 124.99 ug/L



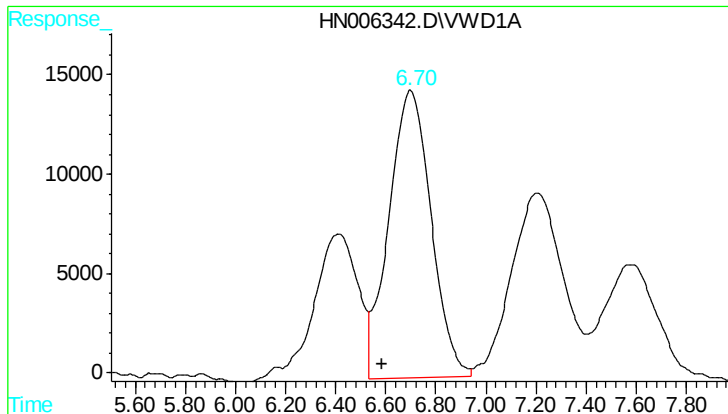
#7 Nitrobenzene

R.T.: 4.880 min
Delta R.T.: 0.086 min
Response: 1244185
Conc: 124.16 ug/L m



#8 Tetryl

R.T.: 6.412 min
Delta R.T.: 0.100 min
Response: 910558
Conc: 142.81 ug/L m



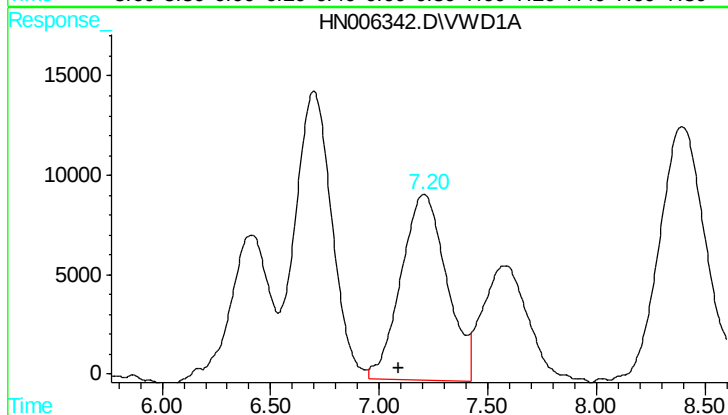
#9 2,4,6-Trinitrotoluene

R.T.: 6.697 min
Delta R.T.: 0.110 min
Response: 1702406
Conc: 158.55 ug/L m

Instrument :
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ClientSampleId :
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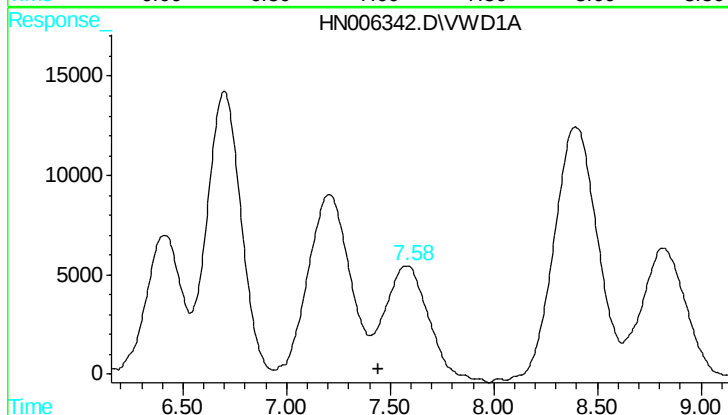
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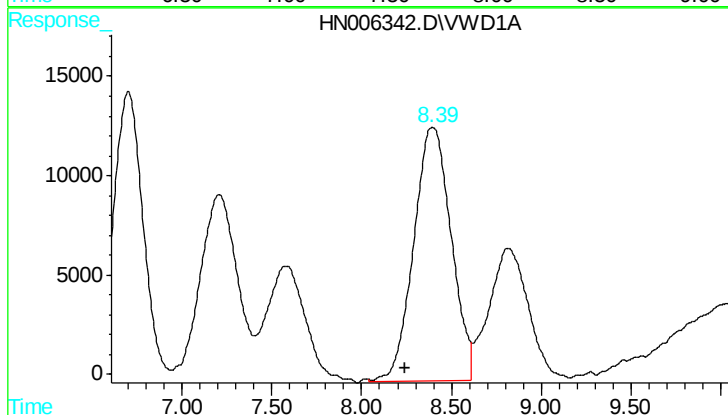
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.203 min
Delta R.T.: 0.115 min
Response: 1383783
Conc: 119.50 ug/L m



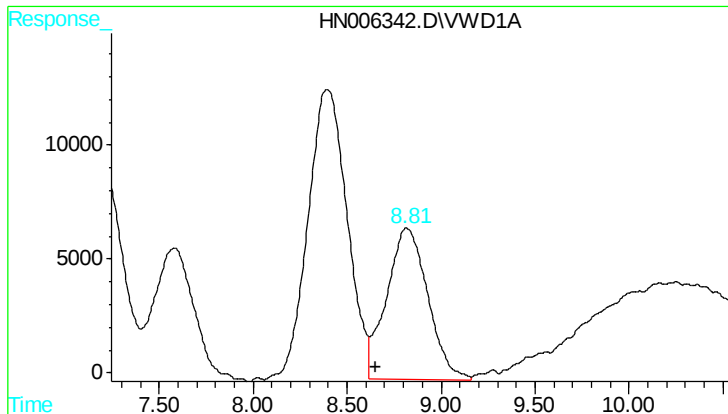
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.582 min
Delta R.T.: 0.141 min
Response: 892658
Conc: 146.26 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.393 min
Delta R.T.: 0.152 min
Response: 1847097
Conc: 119.96 ug/L m



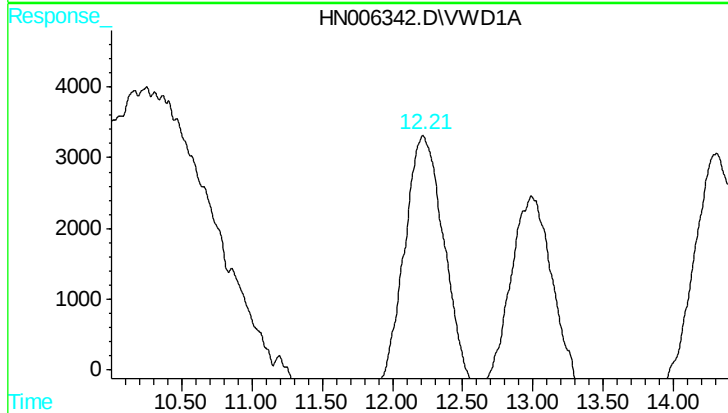
#13 2,6-Dinitrotoluene

R.T.: 8.812 min
Delta R.T.: 0.159 min
Response: 1015433
Conc: 119.81 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB50-02-03-1014MSD

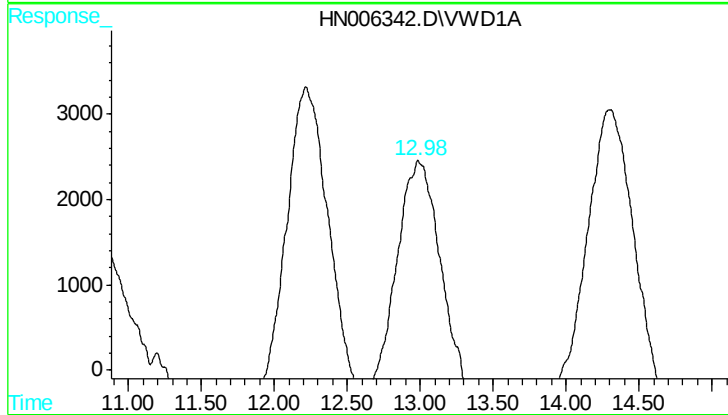
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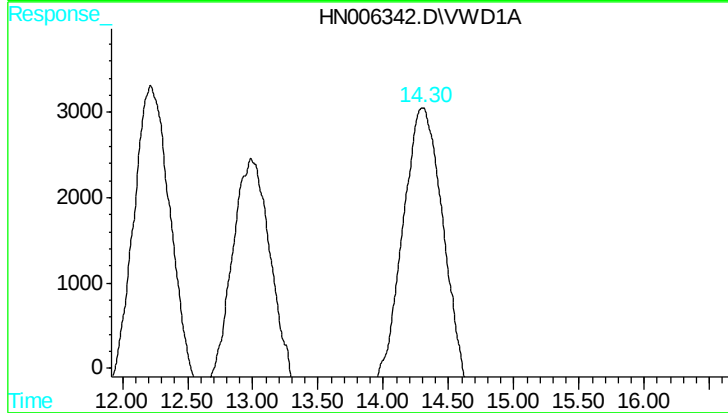
#14 2-Nitrotoluene

R.T.: 12.215 min
Delta R.T.: 0.226 min
Response: 794453
Conc: 118.62 ug/L m



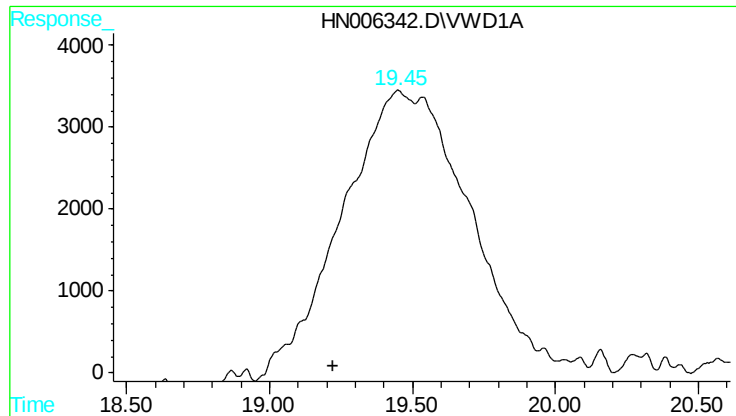
#15 4-Nitrotoluene

R.T.: 12.983 min
Delta R.T.: 0.237 min
Response: 642632
Conc: 117.40 ug/L m



#16 3-Nitrotoluene

R.T.: 14.304 min
Delta R.T.: 0.240 min
Response: 772924
Conc: 111.02 ug/L m



#17 PETN

R.T.: 19.449 min
Delta R.T.: 0.225 min
Response: 1099937
Conc: 133.64 ug/L m

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