

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006530.D\VWD1A.CH Vial: 51
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006530.D\VWD1A.CH
 Acq On : 24-Oct-2014, 06:21 Operator: HNP
 Sample : PB79668BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 4:13 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79668BS

Manual Integrations
 APPROVED

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 11/3/2014 11:50:22 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Mon Oct 27 03:28:26 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	1.30	567559	142.799 ug/L m
Target Compounds			
2) T HMX	0.87	531107	109.814 ug/L m
3) T RDX	1.69	676134	123.325 ug/L m
4) T 1,3,5-Trinitrobenzene	2.67	1322449	123.311 ug/L
5) T 1,3-Dinitrobenzene	3.54	2143376	130.899 ng/ml
6) T 3,5-Dinitroaniline	3.90	1538807	132.055 ug/L m
7) T Nitrobenzene	4.78	1267266	126.462 ug/L m
8) T Tetryl	6.29	733650	115.061 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	1402474	130.620 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	1371438	118.438 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.42	811813	133.015 ug/L m
12) T 2,4-Dinitrotoluene	8.22	1992323	129.393 ug/L m
13) T 2,6-Dinitrotoluene	8.64	1100908	129.890 ug/L m
14) T 2-Nitrotoluene	11.98	781901	116.749 ug/L m
15) T 4-Nitrotoluene	12.72	612740	111.936 ug/L m
16) T 3-Nitrotoluene	14.03	889395	127.755 ug/L m
17) T PETN	19.17	789973	95.983 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.

HN006530.D HN100214.M Sat Nov 08 00:24:34 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006530.D\VWD1A.CH Vial: 51
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006530.D\VWD1A.CH
Acq On : 24-Oct-2014, 06:21 Operator: HNP
Sample : PB79668BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 4:13 2014 Quant Results File: HN100214.RES

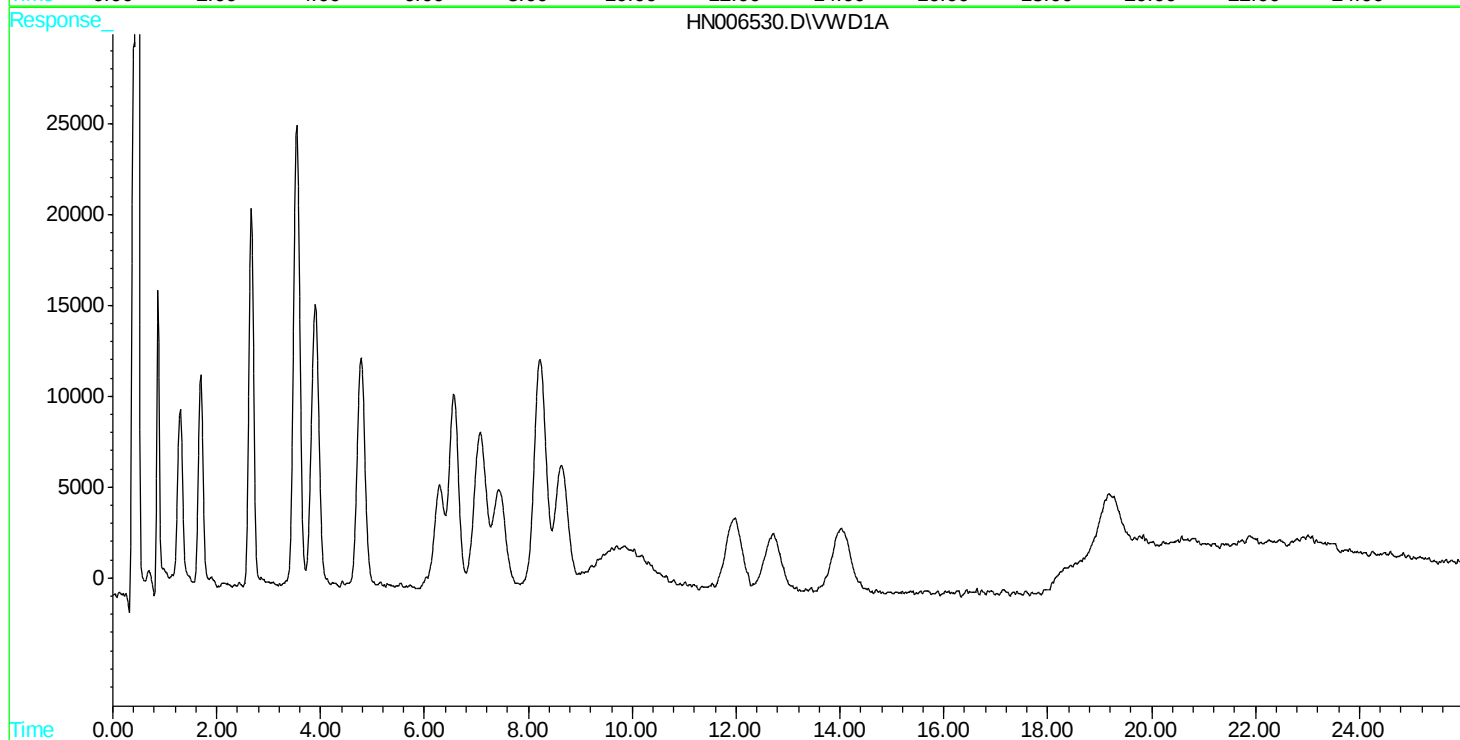
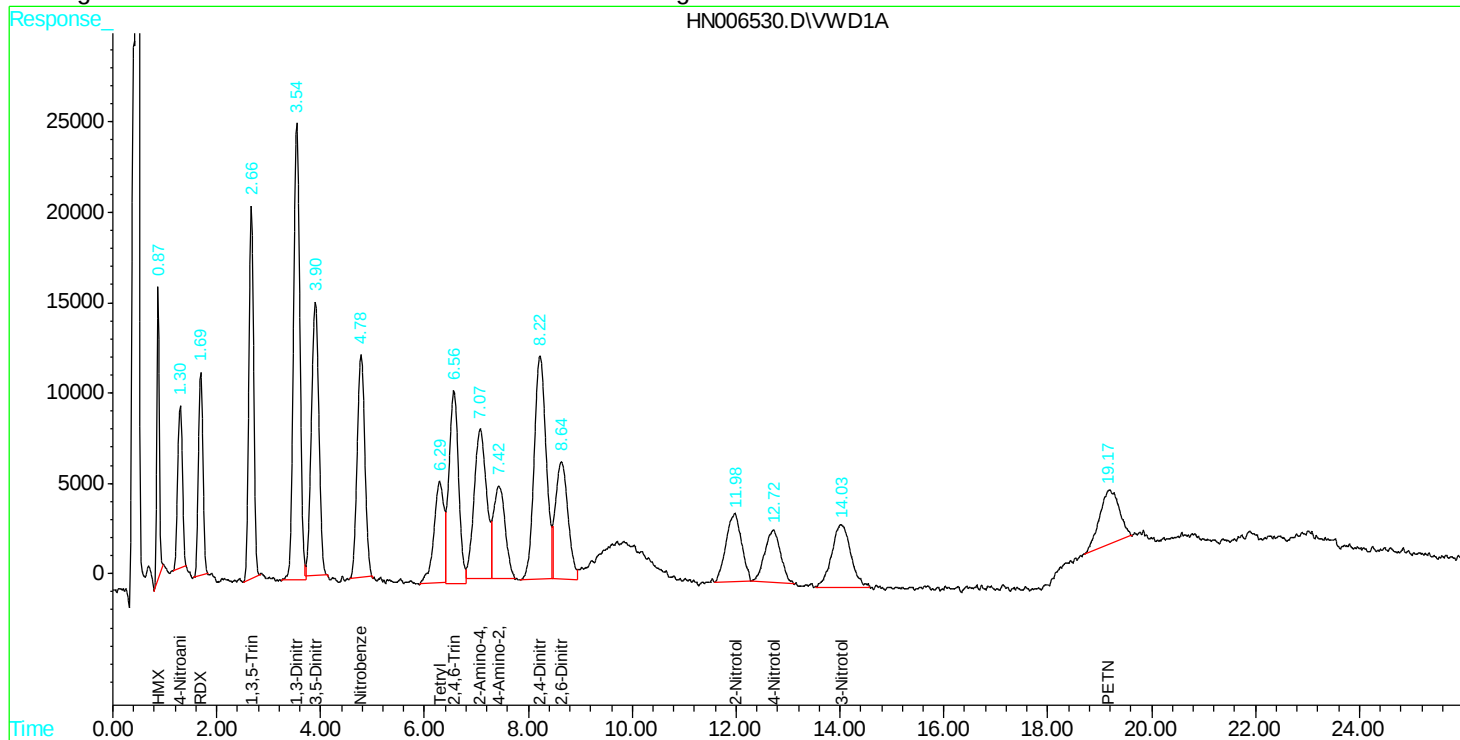
Instrument :
HPLC_N
ClientSampleId :
PB79668BS

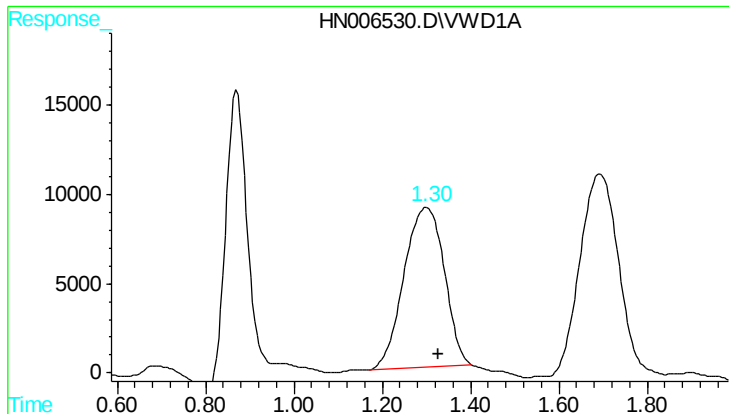
Manual Integrations
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11/3/2014 11:50:22 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 03:28:26 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 :





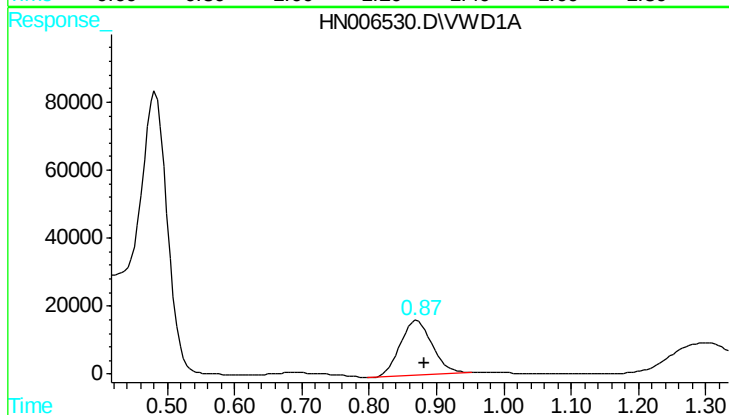
#1 4-Nitroaniline

R.T.: 1.299 min
 Delta R.T.: -0.028 min
 Response: 567559
 Conc: 142.80 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79668BS

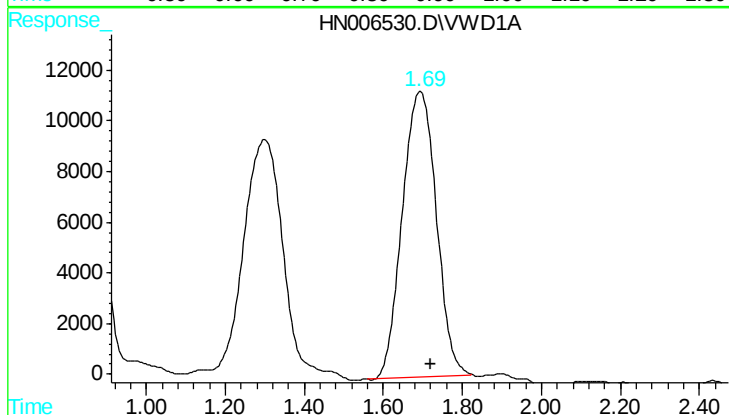
Manual Integrations
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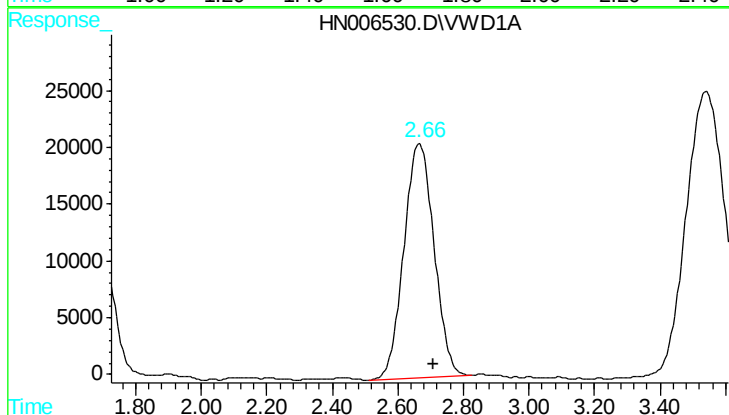
#2 HMX

R.T.: 0.869 min
 Delta R.T.: -0.013 min
 Response: 531107
 Conc: 109.81 ug/L m



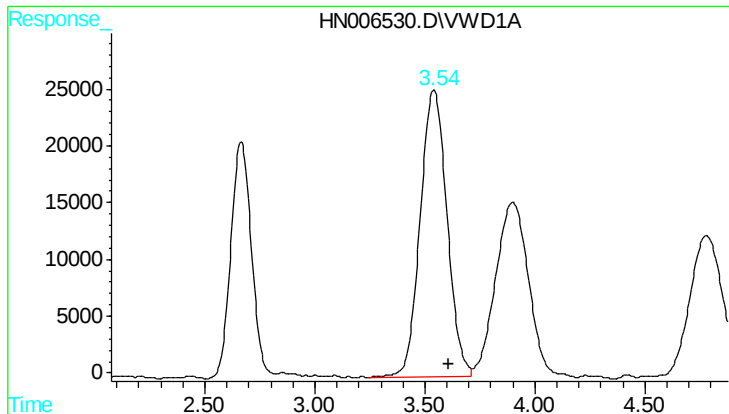
#3 RDX

R.T.: 1.692 min
 Delta R.T.: -0.030 min
 Response: 676134
 Conc: 123.32 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
 Delta R.T.: -0.043 min
 Response: 1322449
 Conc: 123.31 ug/L



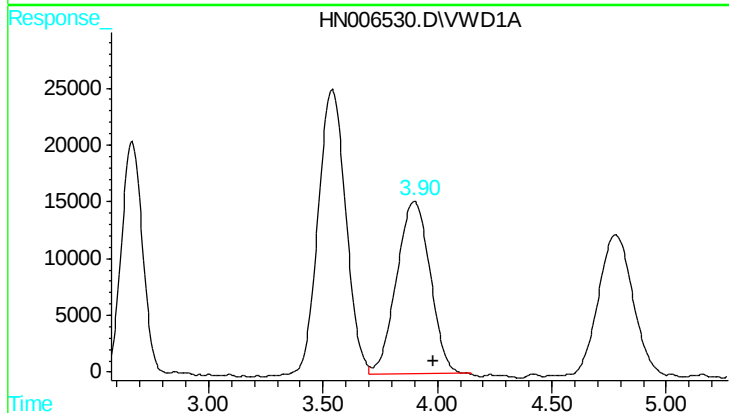
#5 1,3-Dinitrobenzene

R.T.: 3.541 min
Delta R.T.: -0.068 min
Response: 2143376
Conc: 130.90 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79668BS

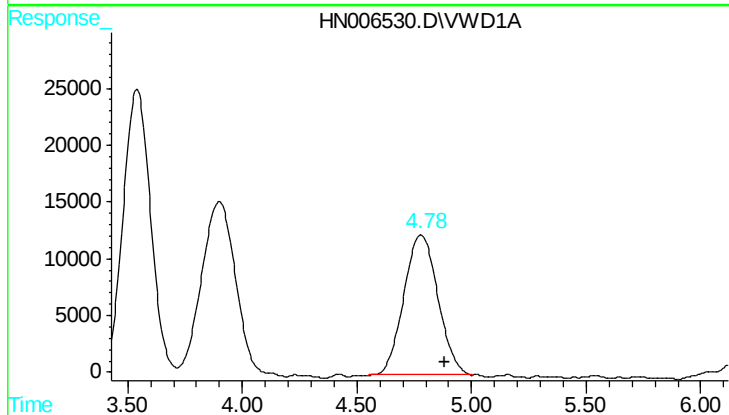
Manual Integrations
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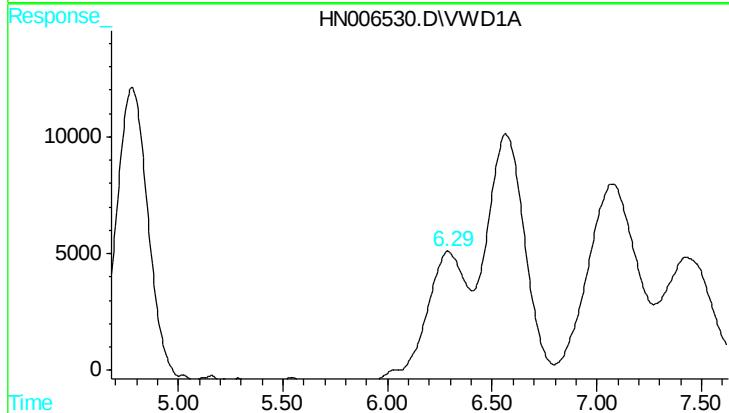
#6 3,5-Dinitroaniline

R.T.: 3.898 min
Delta R.T.: -0.086 min
Response: 1538807
Conc: 132.05 ug/L m



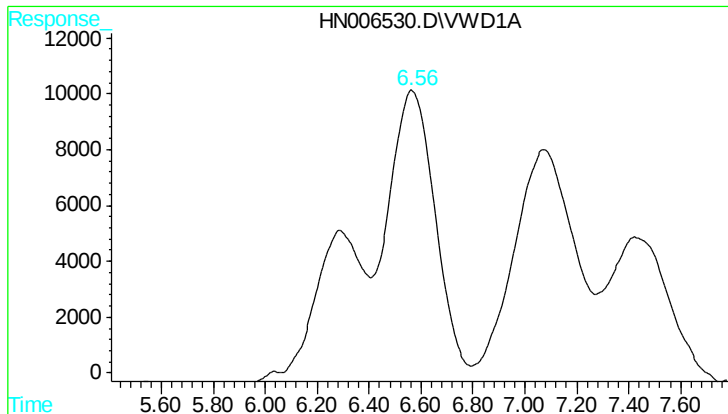
#7 Nitrobenzene

R.T.: 4.777 min
Delta R.T.: -0.107 min
Response: 1267266
Conc: 126.46 ug/L m



#8 Tetryl

R.T.: 6.286 min
Delta R.T.: -0.188 min
Response: 733650
Conc: 115.06 ug/L m



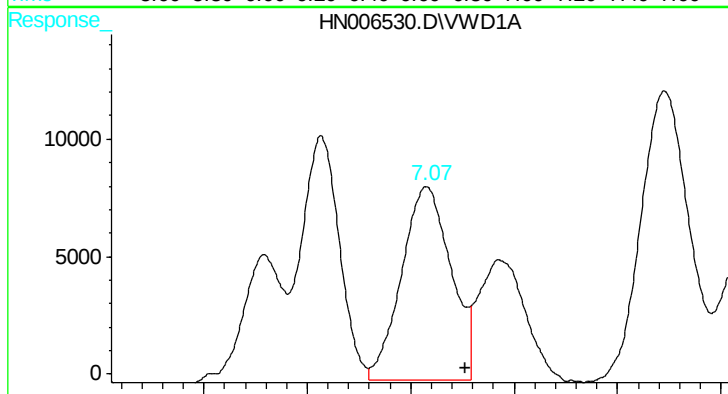
#9 2,4,6-Trinitrotoluene

R.T.: 6.563 min
Delta R.T.: -0.163 min
Response: 1402474
Conc: 130.62 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79668BS

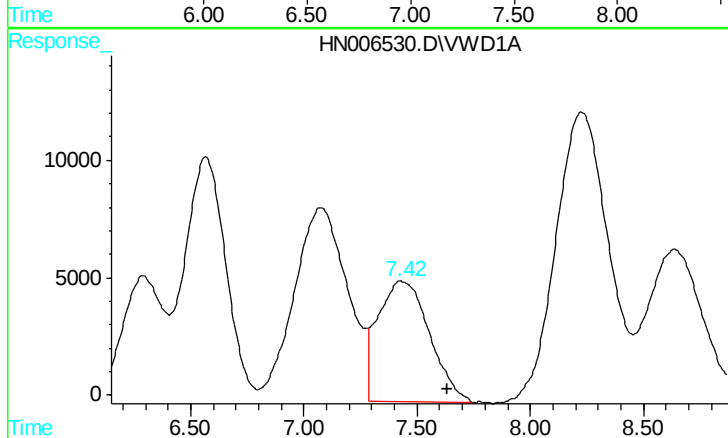
Manual Integrations
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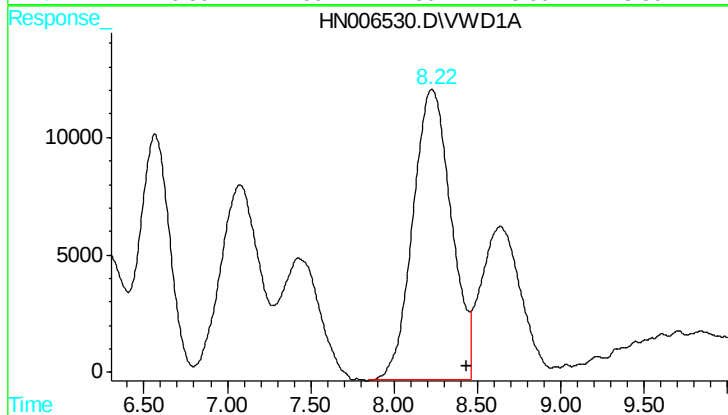
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.073 min
Delta R.T.: -0.188 min
Response: 1371438
Conc: 118.44 ug/L m



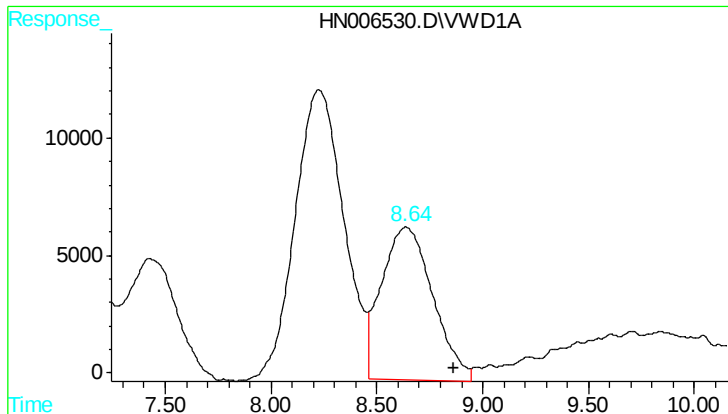
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.423 min
Delta R.T.: -0.211 min
Response: 811813
Conc: 133.02 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.224 min
Delta R.T.: -0.211 min
Response: 1992323
Conc: 129.39 ug/L m



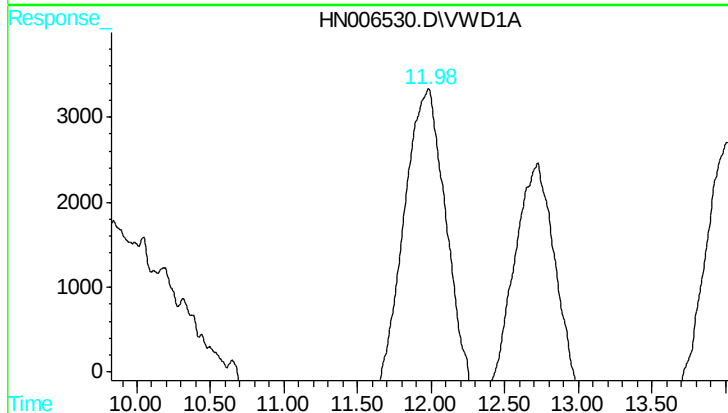
#13 2,6-Dinitrotoluene

R.T.: 8.636 min
Delta R.T.: -0.226 min
Response: 1100908
Conc: 129.89 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79668BS

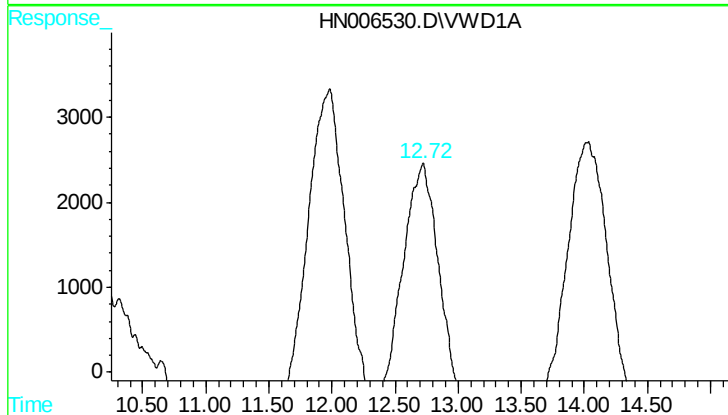
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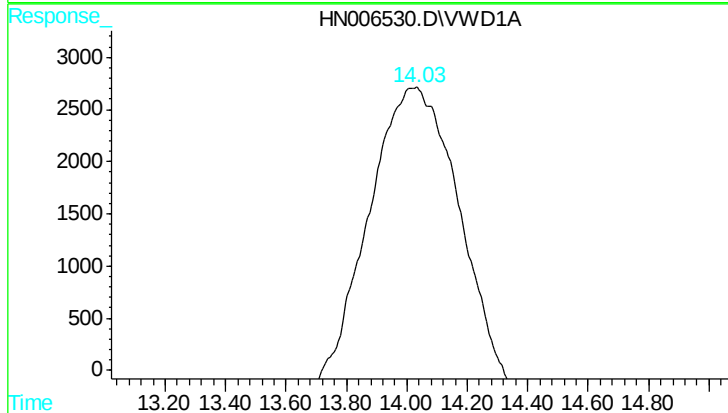
#14 2-Nitrotoluene

R.T.: 11.981 min
Delta R.T.: -0.300 min
Response: 781901
Conc: 116.75 ug/L m



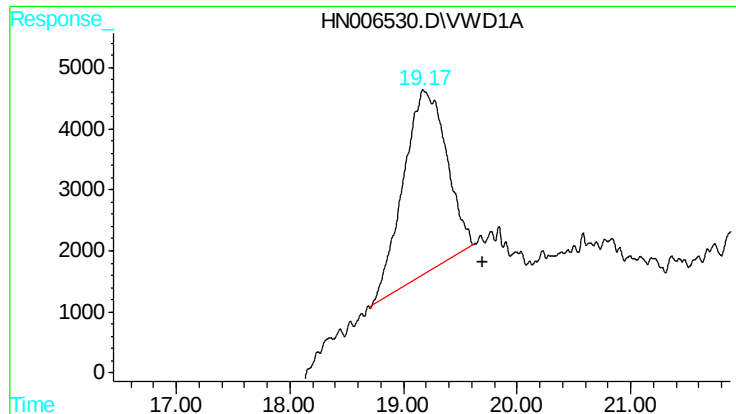
#15 4-Nitrotoluene

R.T.: 12.724 min
Delta R.T.: -0.320 min
Response: 612740
Conc: 111.94 ug/L m



#16 3-Nitrotoluene

R.T.: 14.032 min
Delta R.T.: -0.268 min
Response: 889395
Conc: 127.76 ug/L m



#17 PETN

R.T.: 19.167 min
Delta R.T.: -0.535 min
Response: 789973
Conc: 95.98 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79668BS

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