

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006559.D\VWD1A.CH Vial: 53
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006559.D\VWD1A.CH
 Acq On : 24-Oct-2014, 19:54 Operator: HNP
 Sample : PB79759BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 22:44 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BS

Manual Integrations
 APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Mon Oct 27 23:28:20 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	610479	153.598 ug/L m
Target Compounds			
2) T HMX	0.87	605141	125.122 ug/L
3) T RDX	1.69	648229	118.235 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1336800	124.650 ug/L
5) T 1,3-Dinitrobenzene	3.53	2128620	129.998 ng/mlm
6) T 3,5-Dinitroaniline	3.89	1571179	134.833 ug/L m
7) T Nitrobenzene	4.78	1324665	132.189 ug/L m
8) T Tetryl	6.27	664908	104.280 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	1389582	129.420 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.04	1445438	124.829 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.39	792033	129.775 ug/L m
12) T 2,4-Dinitrotoluene	8.20	1945204	126.333 ug/L m
13) T 2,6-Dinitrotoluene	8.61	1057126	124.725 ug/L m
14) T 2-Nitrotoluene	11.90	834085	124.541 ug/L m
15) T 4-Nitrotoluene	12.64	709619	129.634 ug/L m
16) T 3-Nitrotoluene	13.93	933255	134.055 ug/L m
17) T PETN	19.08	1283391	155.934 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.

HN006559.D HN100214.M Sat Nov 08 00:31:00 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006559.D\VWD1A.CH Vial: 53
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006559.D\VWD1A.CH
Acq On : 24-Oct-2014, 19:54 Operator: HNP
Sample : PB79759BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 22:44 2014 Quant Results File: HN100214.RES

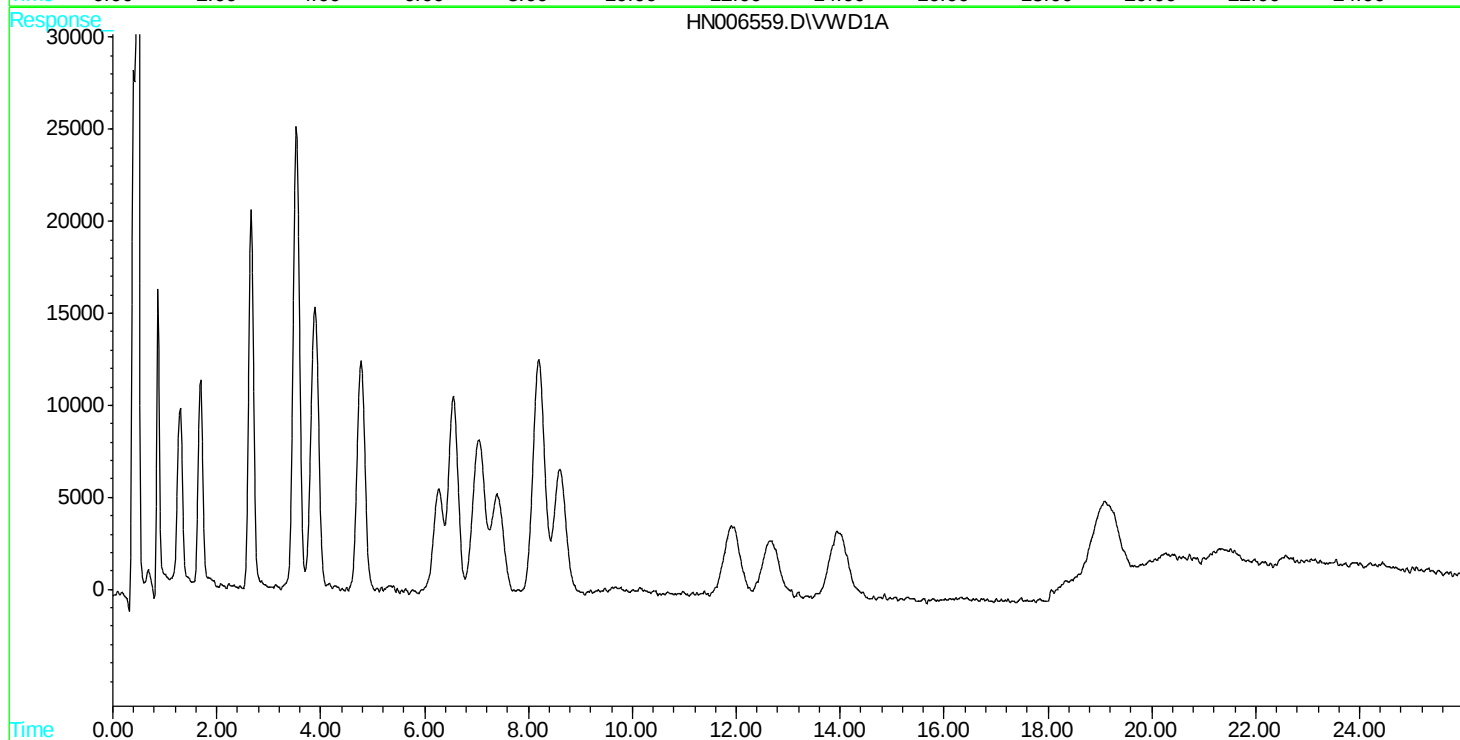
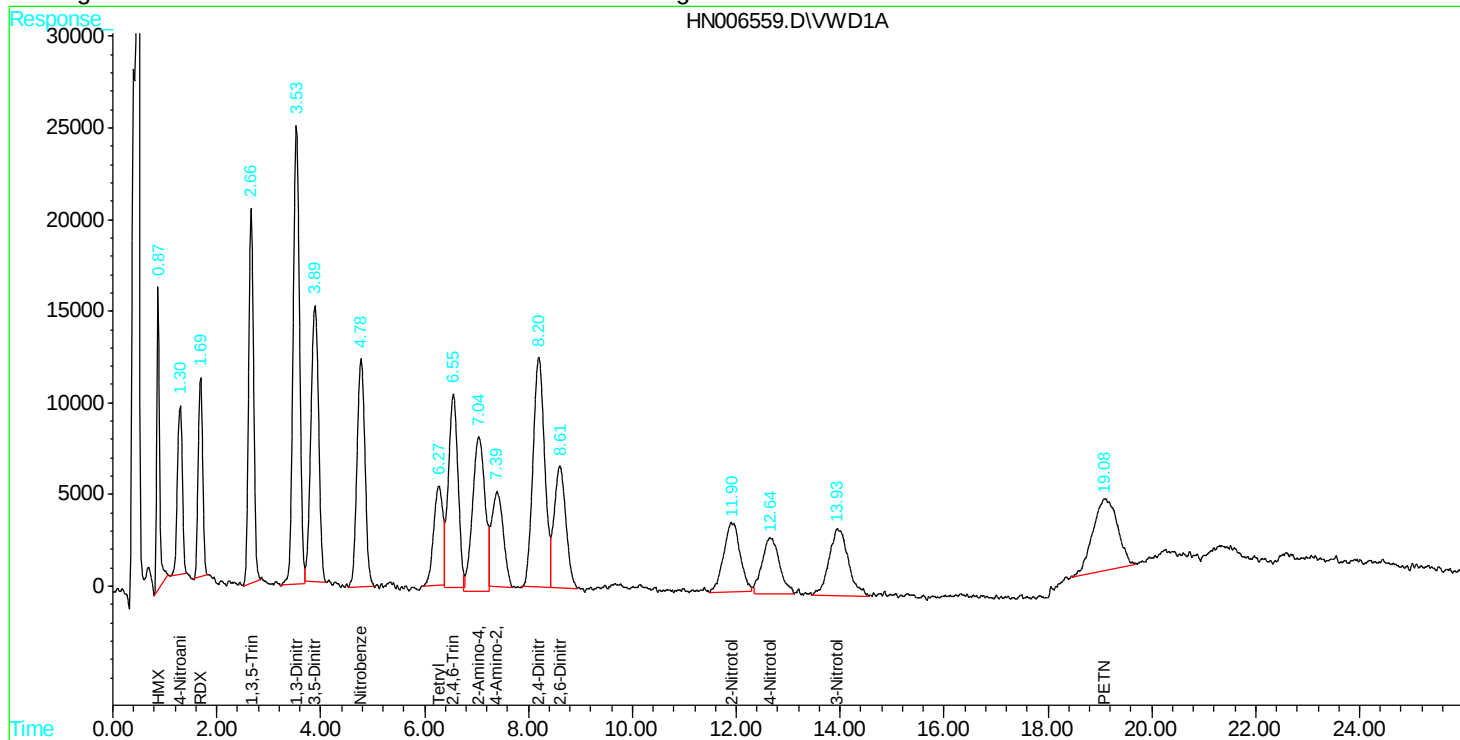
Instrument :
HPLC_N
ClientSampleId :
PB79759BS

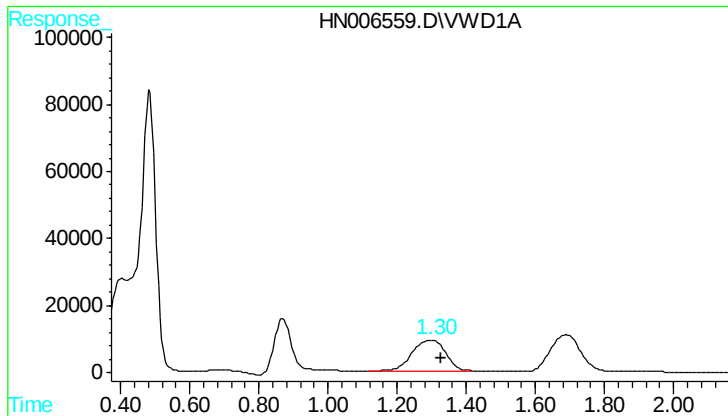
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 23:28:20 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





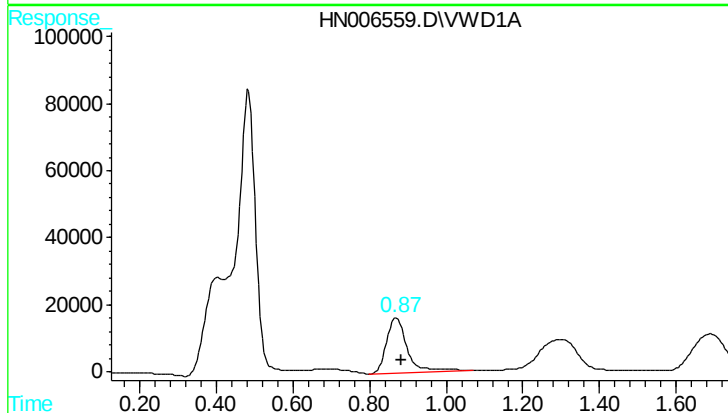
#1 4-Nitroaniline

R.T.: 1.299 min
 Delta R.T.: -0.028 min
 Response: 610479
 Conc: 153.60 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BS

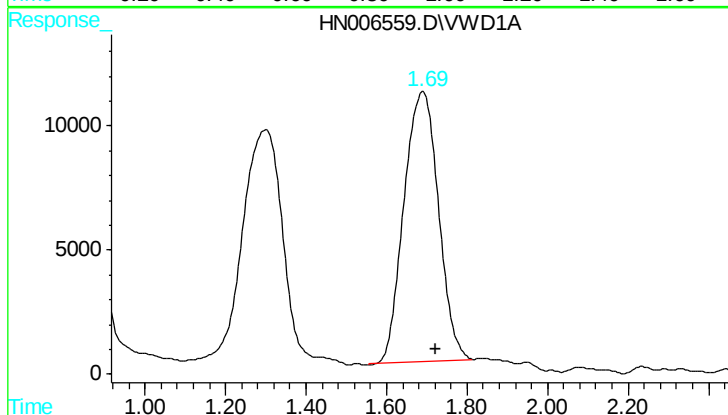
Manual Integrations
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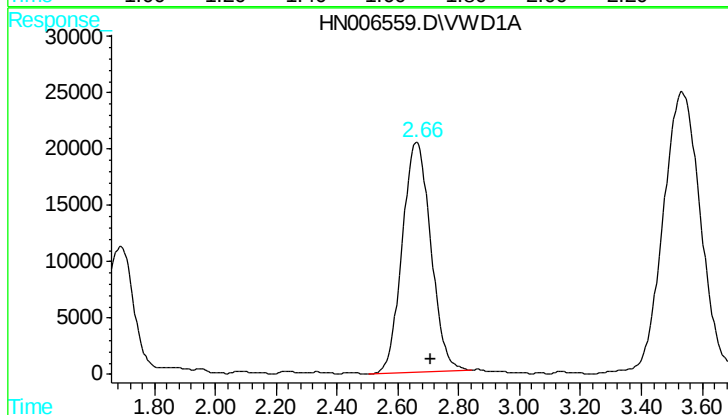
#2 HMX

R.T.: 0.870 min
 Delta R.T.: -0.012 min
 Response: 605141
 Conc: 125.12 ug/L



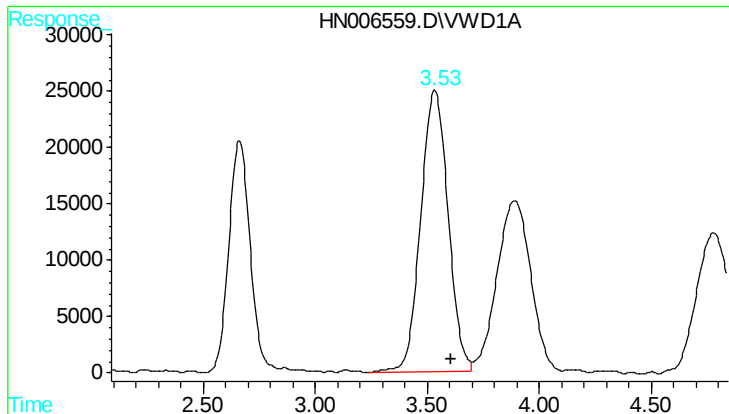
#3 RDX

R.T.: 1.689 min
 Delta R.T.: -0.033 min
 Response: 648229
 Conc: 118.23 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.662 min
 Delta R.T.: -0.046 min
 Response: 1336800
 Conc: 124.65 ug/L



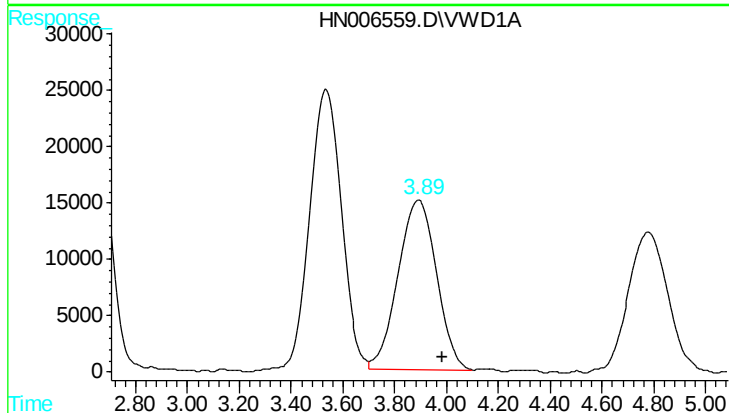
#5 1,3-Dinitrobenzene

R.T.: 3.532 min
Delta R.T.: -0.076 min
Response: 2128620
Conc: 130.00 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79759BS

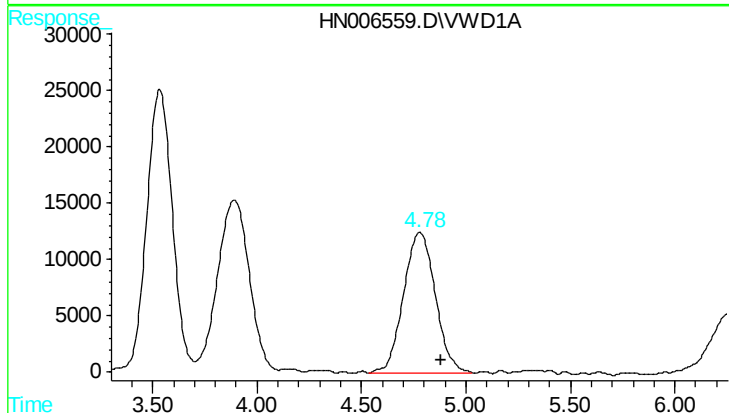
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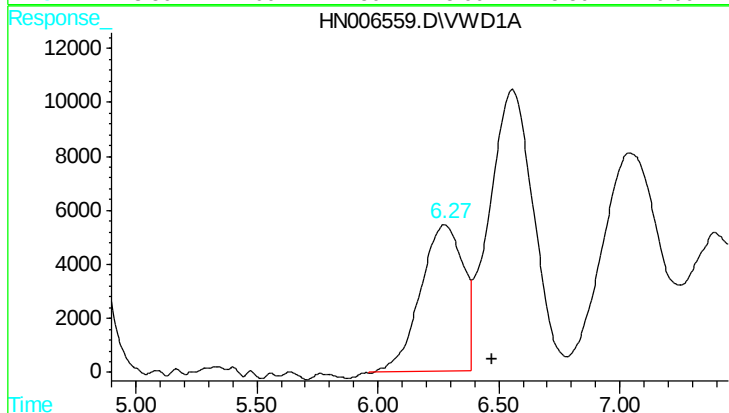
#6 3,5-Dinitroaniline

R.T.: 3.890 min
Delta R.T.: -0.094 min
Response: 1571179
Conc: 134.83 ug/L m



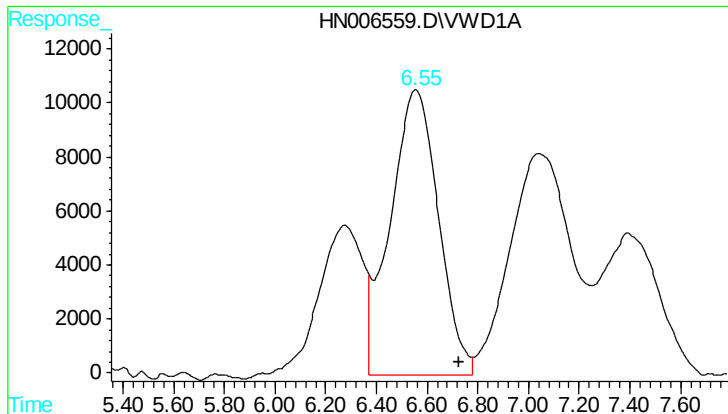
#7 Nitrobenzene

R.T.: 4.777 min
Delta R.T.: -0.106 min
Response: 1324665
Conc: 132.19 ug/L m



#8 Tetryl

R.T.: 6.275 min
Delta R.T.: -0.200 min
Response: 664908
Conc: 104.28 ug/L m



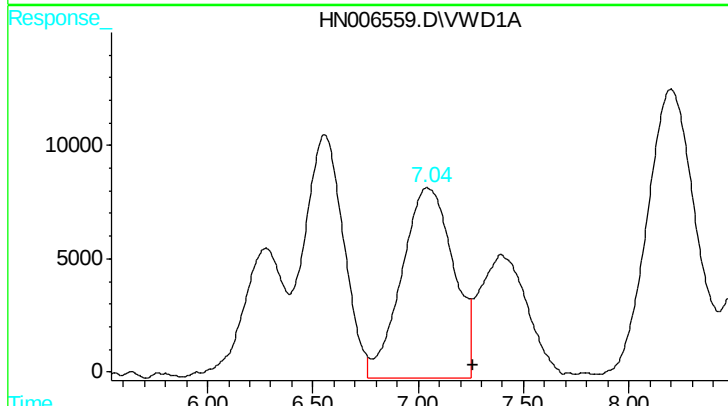
#9 2,4,6-Trinitrotoluene

R.T.: 6.554 min
Delta R.T.: -0.172 min
Response: 1389582
Conc: 129.42 ug/L m

Instrument :
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ClientSampleId :
PB79759BS

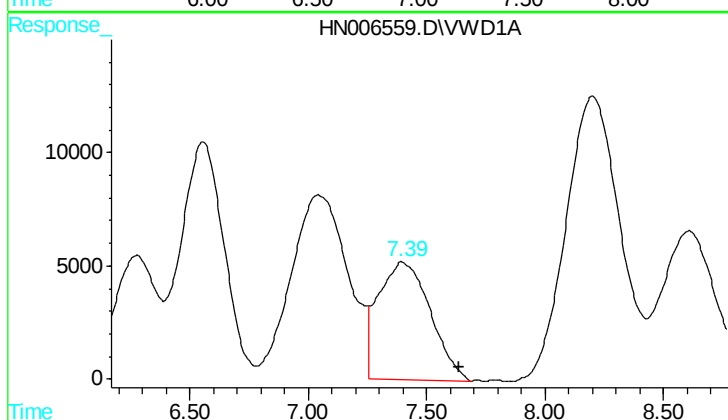
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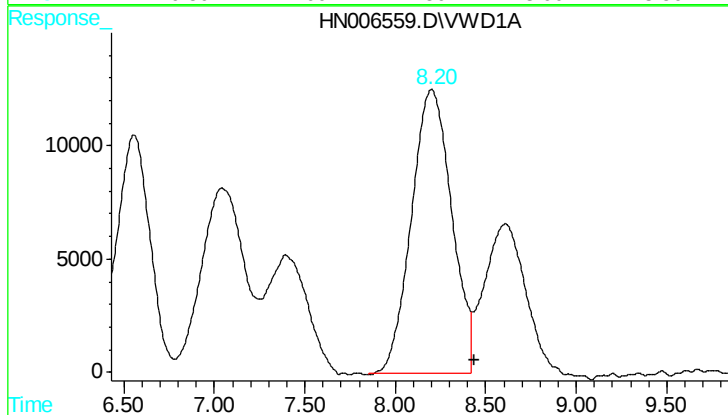
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.038 min
Delta R.T.: -0.224 min
Response: 1445438
Conc: 124.83 ug/L m



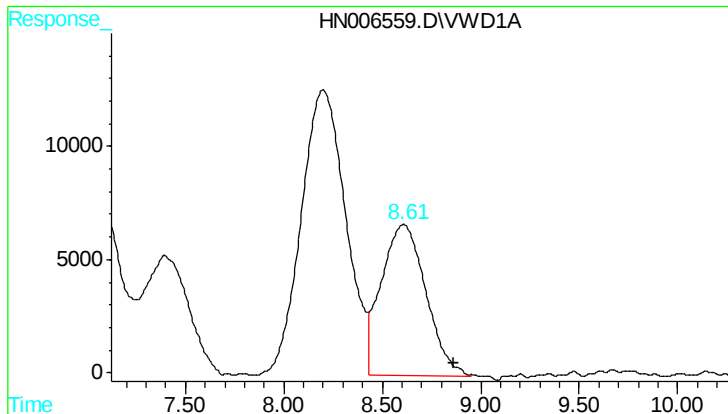
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.391 min
Delta R.T.: -0.243 min
Response: 792033
Conc: 129.77 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.197 min
Delta R.T.: -0.238 min
Response: 1945204
Conc: 126.33 ug/L m



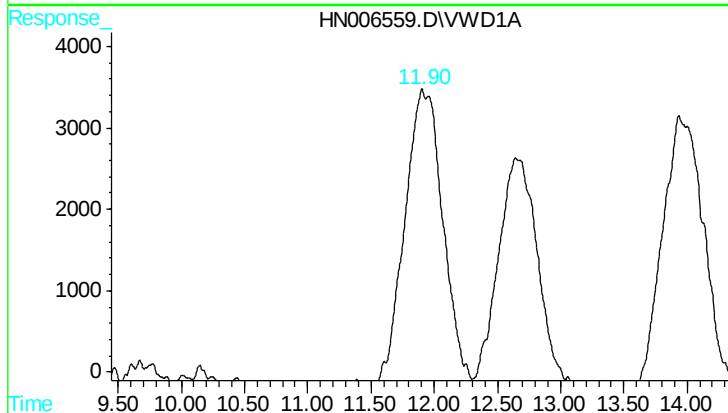
#13 2,6-Dinitrotoluene

R.T.: 8.605 min
Delta R.T.: -0.257 min
Response: 1057126
Conc: 124.72 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79759BS

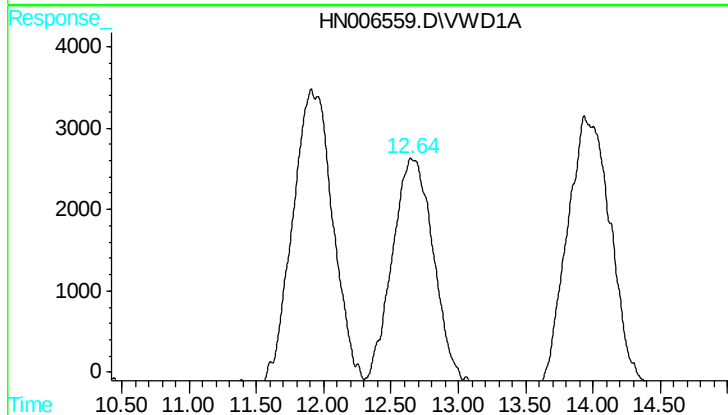
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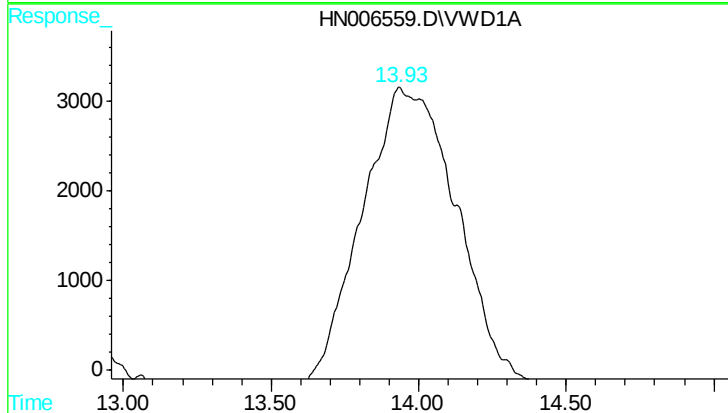
#14 2-Nitrotoluene

R.T.: 11.903 min
Delta R.T.: -0.378 min
Response: 834085
Conc: 124.54 ug/L m



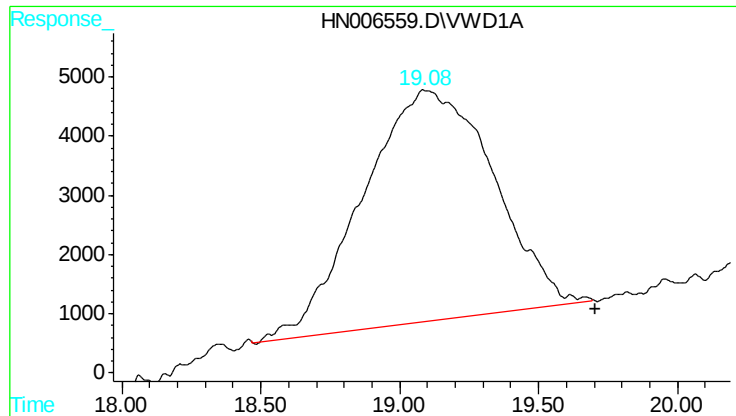
#15 4-Nitrotoluene

R.T.: 12.642 min
Delta R.T.: -0.402 min
Response: 709619
Conc: 129.63 ug/L m



#16 3-Nitrotoluene

R.T.: 13.933 min
Delta R.T.: -0.367 min
Response: 933255
Conc: 134.06 ug/L m



#17 PETN

R.T.: 19.084 min
Delta R.T.: -0.618 min
Response: 1283391
Conc: 155.93 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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