

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006533.D\VWD1A.CH Vial: 53
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006533.D\VWD1A.CH
 Acq On : 24-Oct-2014, 07:45 Operator: HNP
 Sample : PB79759BL Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 3:18 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BL

Manual Integrations
 APPROVED

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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	613748	154.420 ug/L m
Target Compounds			
2) T HMX	0.87	525359	108.626 ug/L m
3) T RDX	1.69	650764	118.697 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1312658	122.398 ug/L
5) T 1,3-Dinitrobenzene	3.53	2105588	128.591 ng/mlm
6) T 3,5-Dinitroaniline	3.89	1555653	133.500 ug/L m
7) T Nitrobenzene	4.78	1256119	125.349 ug/L m
8) T Tetryl	6.30	719505	112.843 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1399325	130.327 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	1424477	123.018 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.44	832867	136.465 ug/L m
12) T 2,4-Dinitrotoluene	8.24	1898007	123.268 ug/L m
13) T 2,6-Dinitrotoluene	8.66	981919	115.851 ug/L m
14) T 2-Nitrotoluene	11.97	857137	127.983 ug/L m
15) T 4-Nitrotoluene	12.70	719600	131.457 ug/L m
16) T 3-Nitrotoluene	14.06	911121	130.876 ug/L m
17) T PETN	19.21	1202554	146.112 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.

HN006533.D HN100214.M Sat Nov 08 00:25:15 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006533.D\VWD1A.CH Vial: 53
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006533.D\VWD1A.CH
Acq On : 24-Oct-2014, 07:45 Operator: HNP
Sample : PB79759BL Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 3:18 2014 Quant Results File: HN100214.RES

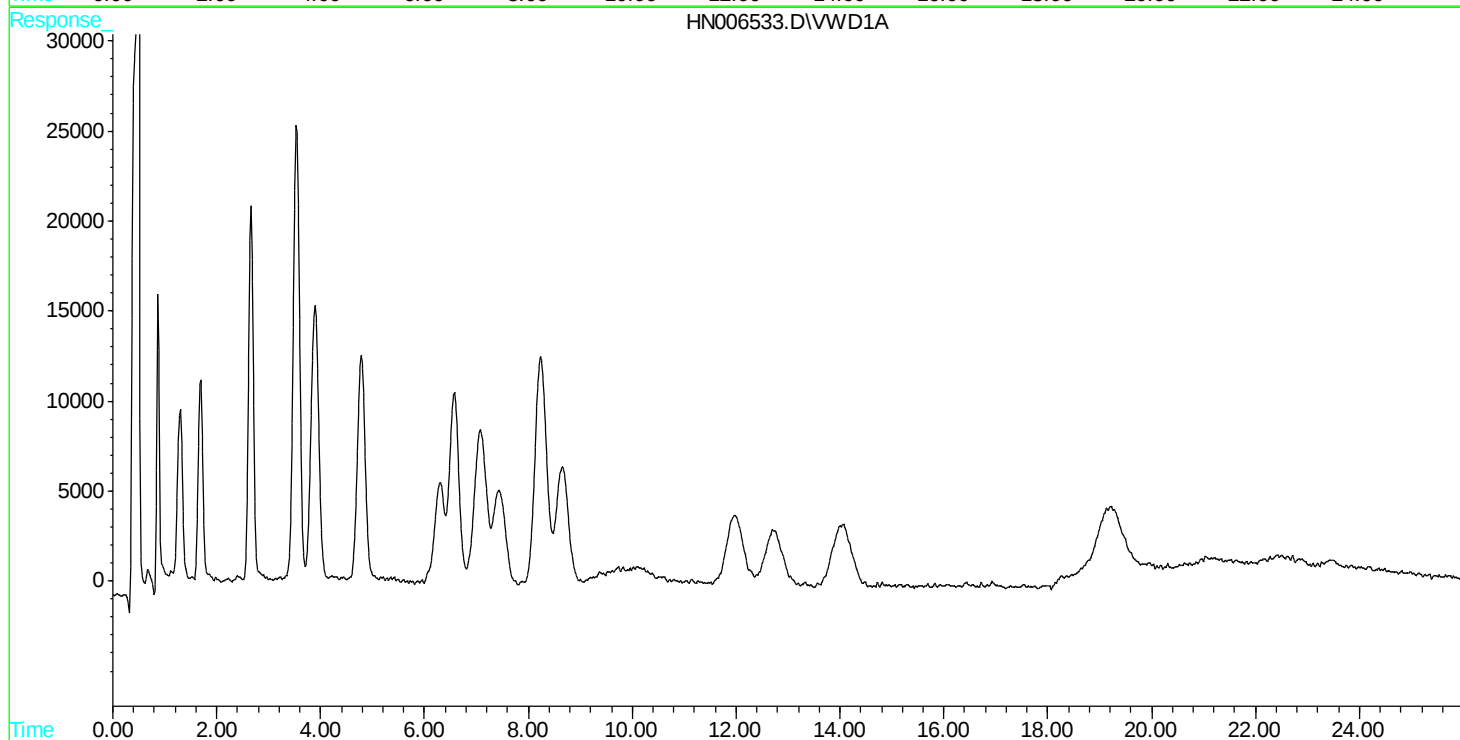
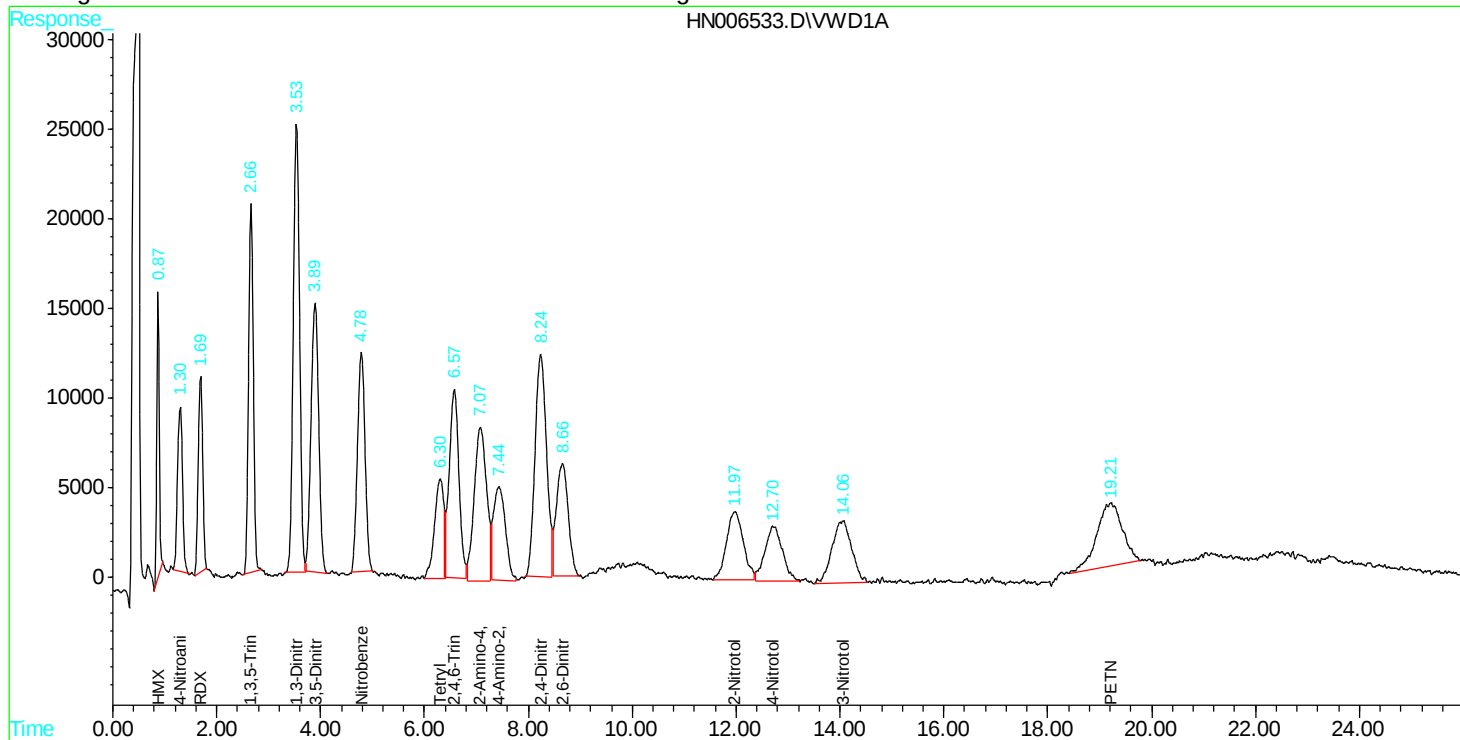
Instrument :
HPLC_N
ClientSampleId :
PB79759BL

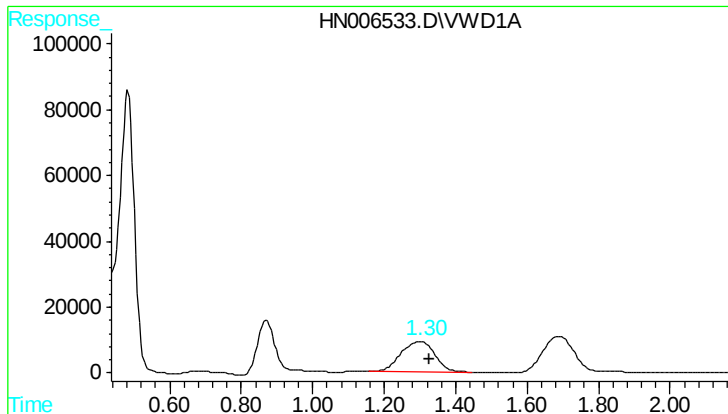
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 03:28:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





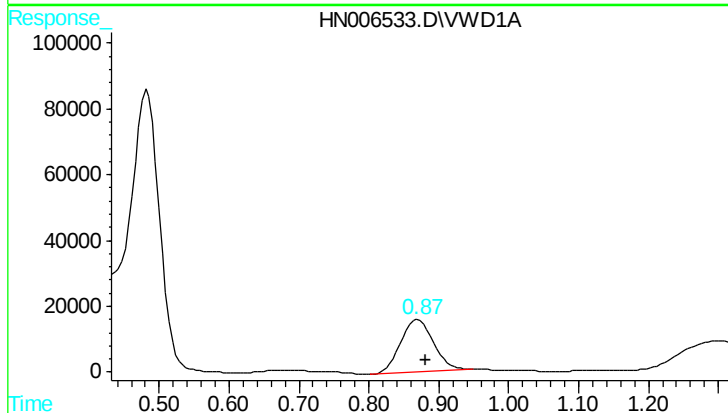
#1 4-Nitroaniline

R.T.: 1.300 min
 Delta R.T.: -0.027 min
 Response: 613748
 Conc: 154.42 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BL

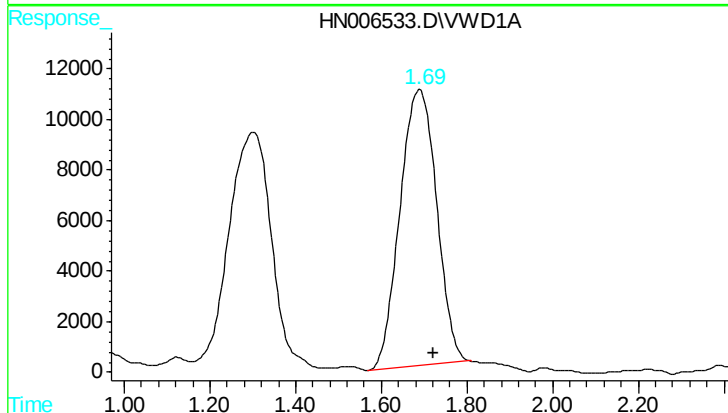
Manual Integrations
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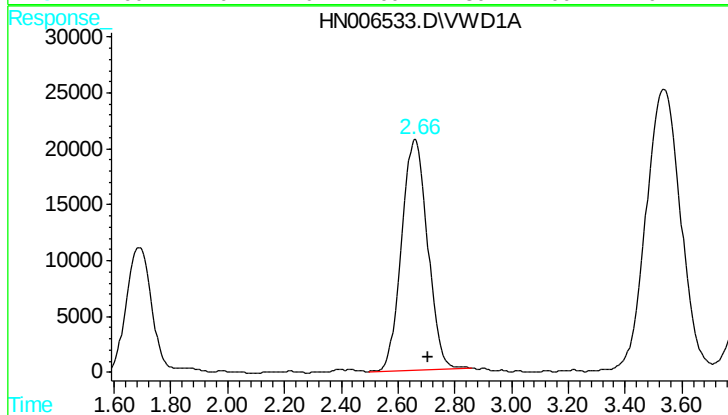
#2 HMX

R.T.: 0.868 min
 Delta R.T.: -0.014 min
 Response: 525359
 Conc: 108.63 ug/L m



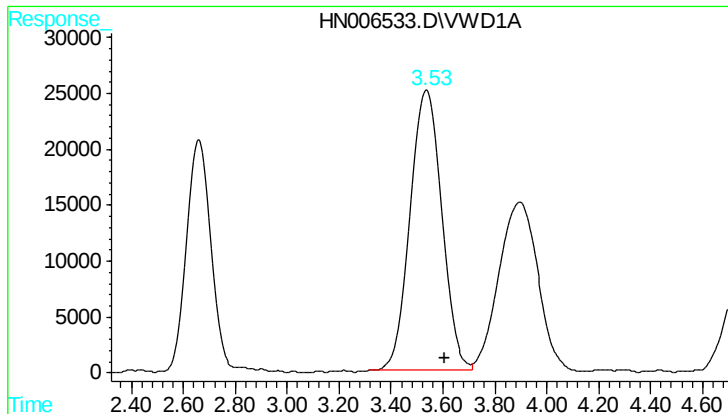
#3 RDX

R.T.: 1.688 min
 Delta R.T.: -0.034 min
 Response: 650764
 Conc: 118.70 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.660 min
 Delta R.T.: -0.049 min
 Response: 1312658
 Conc: 122.40 ug/L



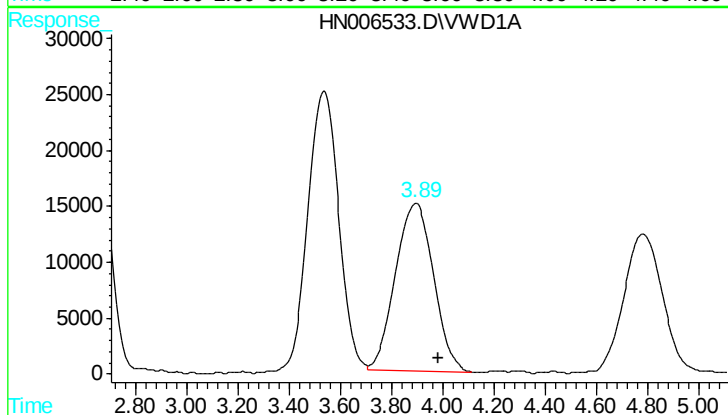
#5 1,3-Dinitrobenzene

R.T.: 3.535 min
Delta R.T.: -0.074 min
Response: 2105588
Conc: 128.59 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79759BL

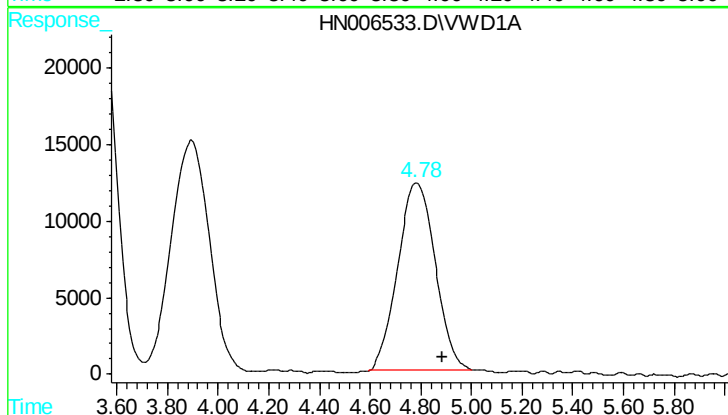
Manual Integrations
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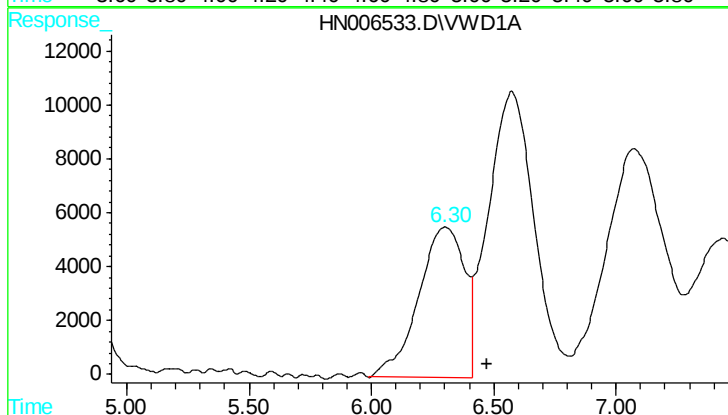
#6 3,5-Dinitroaniline

R.T.: 3.894 min
Delta R.T.: -0.090 min
Response: 1555653
Conc: 133.50 ug/L m



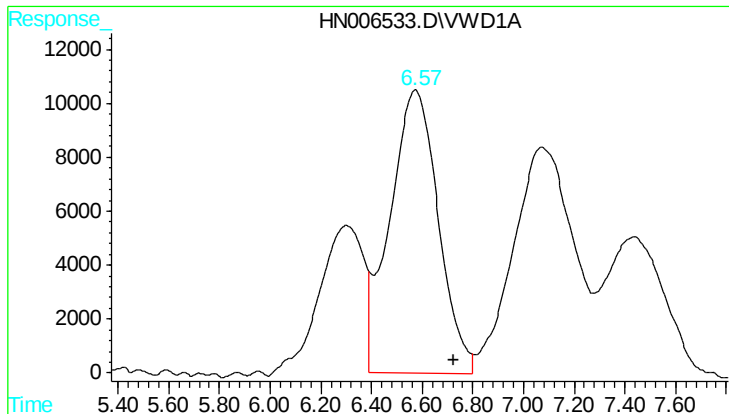
#7 Nitrobenzene

R.T.: 4.781 min
Delta R.T.: -0.103 min
Response: 1256119
Conc: 125.35 ug/L m



#8 Tetryl

R.T.: 6.300 min
Delta R.T.: -0.175 min
Response: 719505
Conc: 112.84 ug/L m



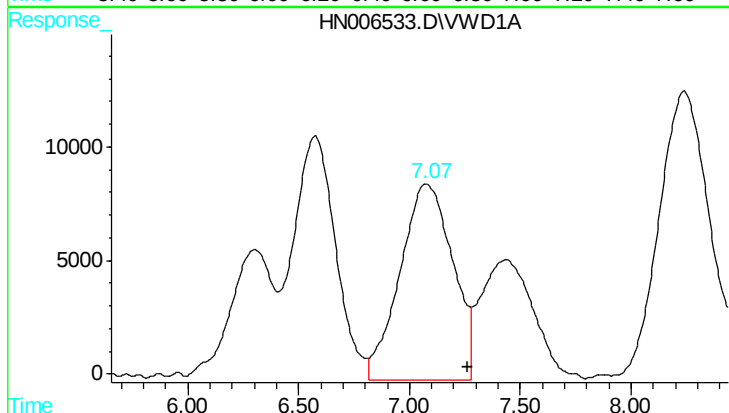
#9 2,4,6-Trinitrotoluene

R.T.: 6.573 min
Delta R.T.: -0.153 min
Response: 1399325
Conc: 130.33 ug/L m

Instrument :
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ClientSampleId :
PB79759BL

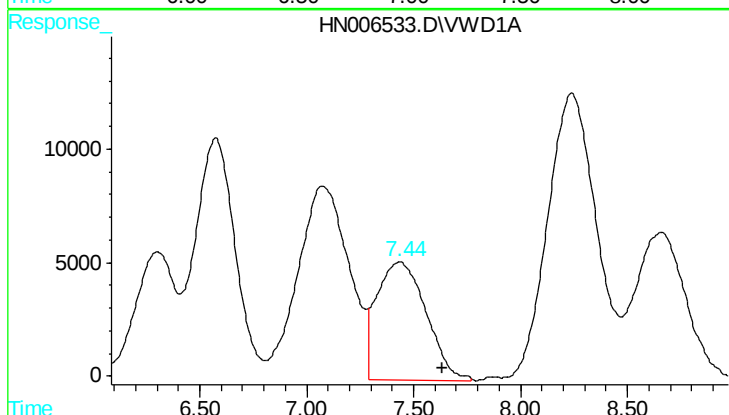
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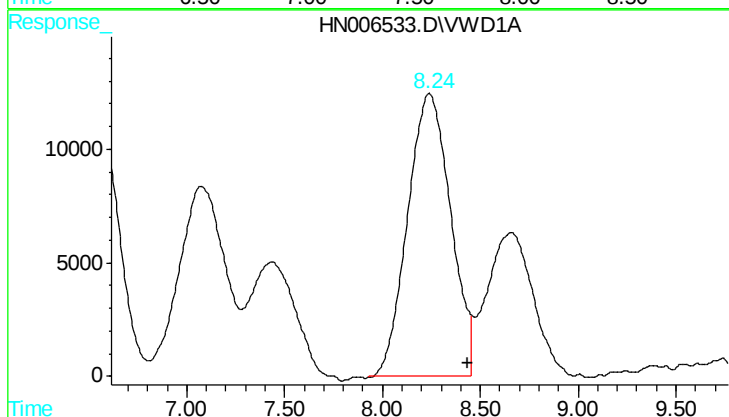
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.071 min
Delta R.T.: -0.191 min
Response: 1424477
Conc: 123.02 ug/L m



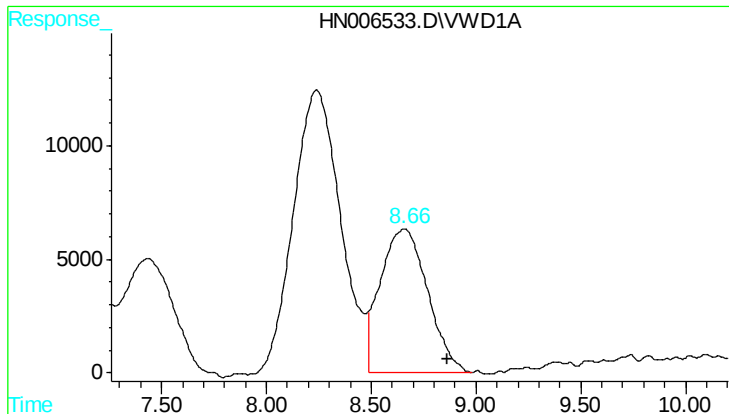
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.438 min
Delta R.T.: -0.196 min
Response: 832867
Conc: 136.47 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.237 min
Delta R.T.: -0.198 min
Response: 1898007
Conc: 123.27 ug/L m



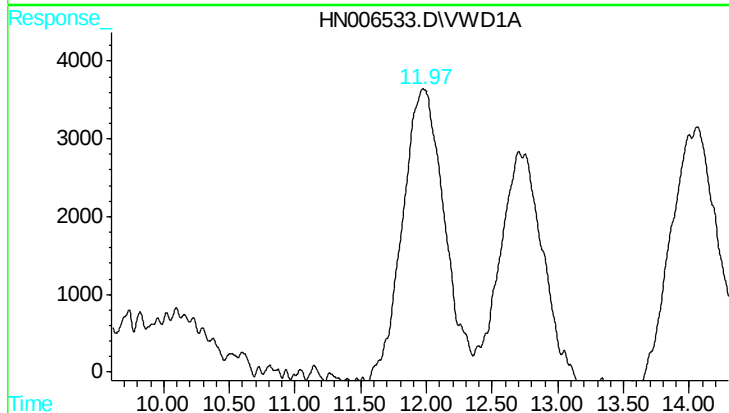
#13 2,6-Dinitrotoluene

R.T.: 8.656 min
Delta R.T.: -0.206 min
Response: 981919
Conc: 115.85 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79759BL

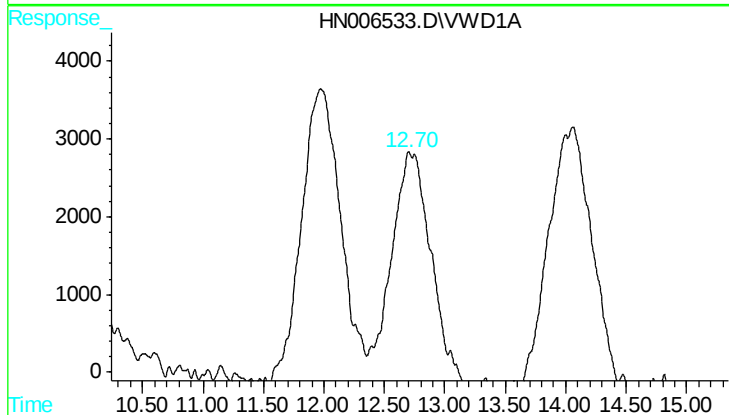
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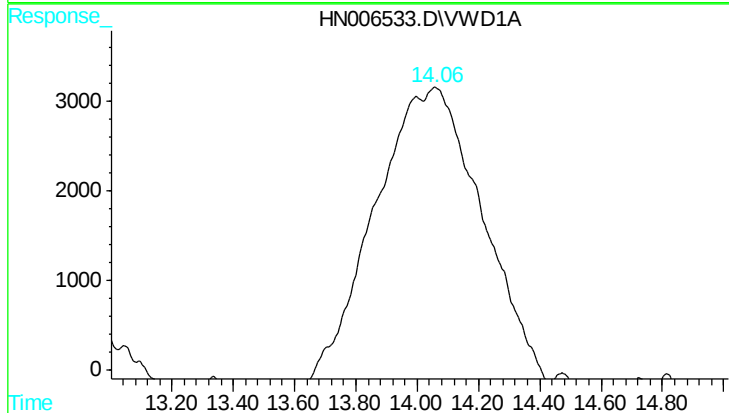
#14 2-Nitrotoluene

R.T.: 11.971 min
Delta R.T.: -0.310 min
Response: 857137
Conc: 127.98 ug/L m



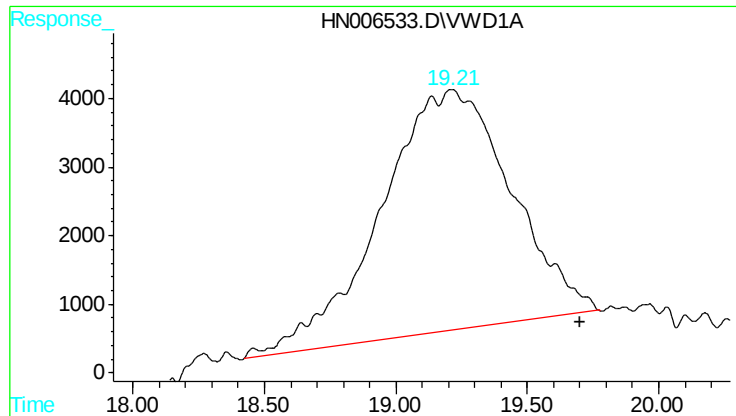
#15 4-Nitrotoluene

R.T.: 12.699 min
Delta R.T.: -0.345 min
Response: 719600
Conc: 131.46 ug/L m



#16 3-Nitrotoluene

R.T.: 14.059 min
Delta R.T.: -0.241 min
Response: 911121
Conc: 130.88 ug/L m



#17 PETN

R.T.: 19.211 min
Delta R.T.: -0.492 min
Response: 1202554
Conc: 146.11 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79759BL

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