

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006502.D\VWD1A.CH Vial: 25
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006502.D\VWD1A.CH
 Acq On : 23-Oct-2014, 17:17 Operator: HNP
 Sample : PB79747BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 2:33 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79747BS

Manual Integrations
 APPROVED

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 11/3/2014 11:45:46 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	1.31	591438	148.807 ug/L m
Target Compounds			
2) T HMX	0.87	533594	110.329 ug/L m
3) T RDX	1.70	683184	124.611 ug/L m
4) T 1,3,5-Trinitrobenzene	2.68	1335380	124.517 ug/L
5) T 1,3-Dinitrobenzene	3.55	2098086	128.133 ng/ml
6) T 3,5-Dinitroaniline	3.91	1566189	134.404 ug/L m
7) T Nitrobenzene	4.80	1319647	131.689 ug/L m
8) T Tetryl	6.32	725715	113.817 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	1384823	128.976 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.10	1345749	116.219 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.45	785730	128.742 ug/L m
12) T 2,4-Dinitrotoluene	8.26	1955634	127.011 ug/L m
13) T 2,6-Dinitrotoluene	8.68	1021608	120.534 ug/L m
14) T 2-Nitrotoluene	11.99	1218653	181.962 ug/L m
15) T 4-Nitrotoluene	12.75	1091632	199.420 ug/L m
16) T 3-Nitrotoluene	14.09	832028	119.515 ug/L m
17) T PETN	19.27	1046919	127.202 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.

HN006502.D HN100214.M Sat Nov 08 00:17:01 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006502.D\VWD1A.CH Vial: 25
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006502.D\VWD1A.CH
Acq On : 23-Oct-2014, 17:17 Operator: HNP
Sample : PB79747BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 2:33 2014 Quant Results File: HN100214.RES

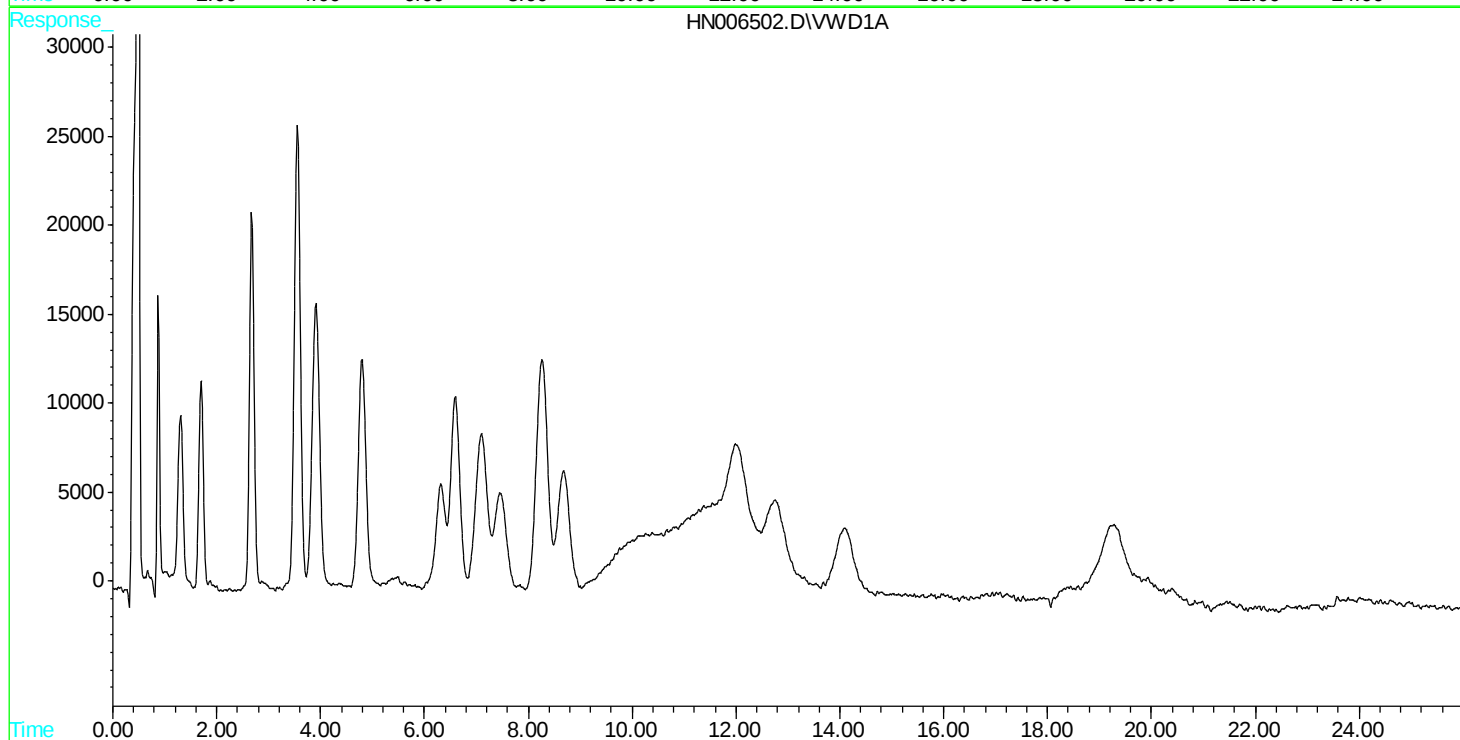
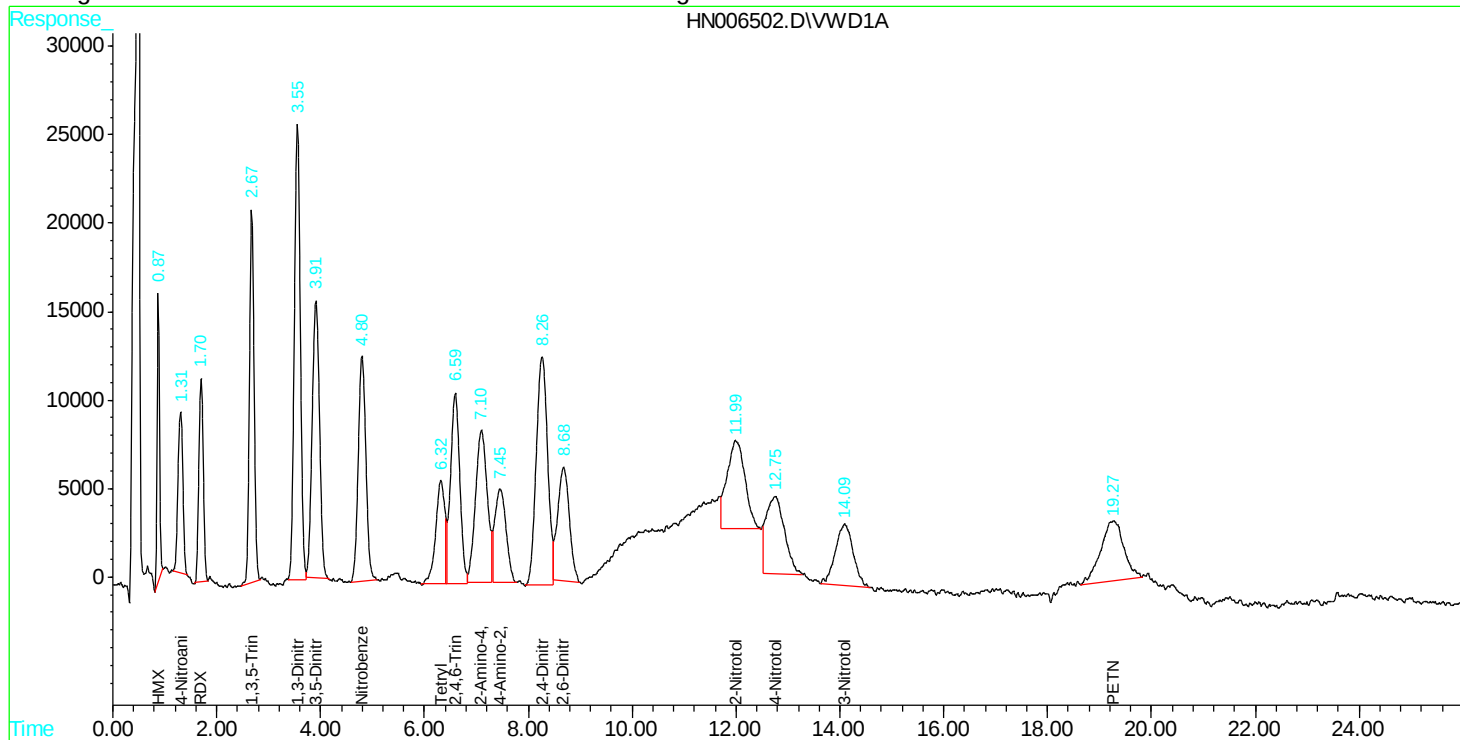
Instrument :
HPLC_N
ClientSampleId :
PB79747BS

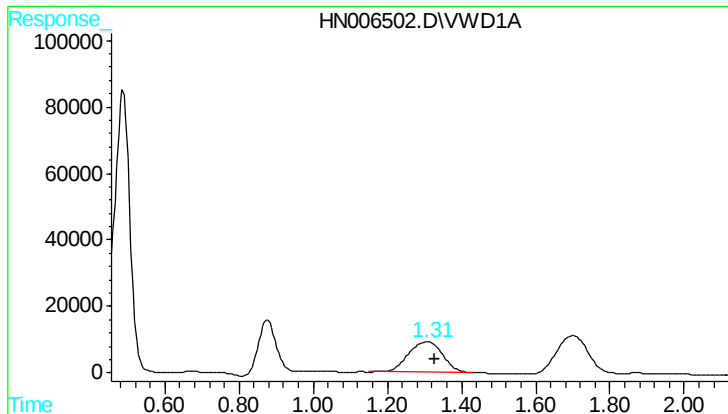
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 03:28:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





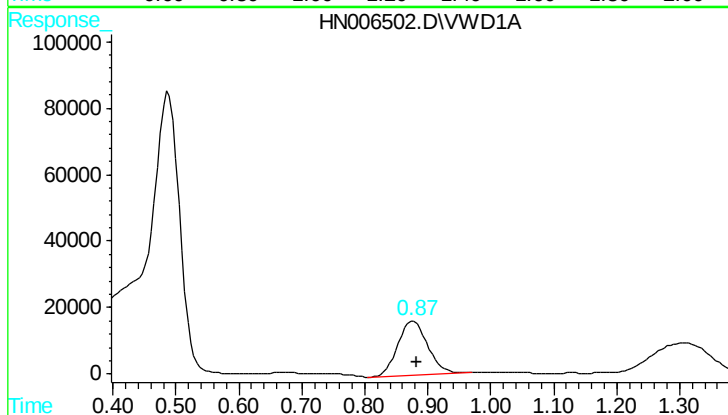
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: -0.020 min
Response: 591438
Conc: 148.81 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

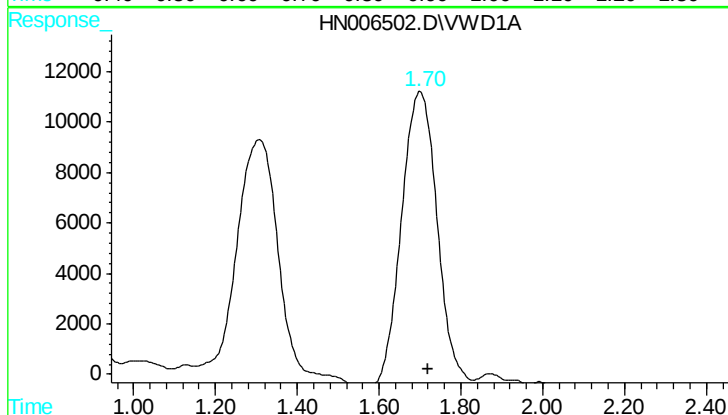
Manual Integrations
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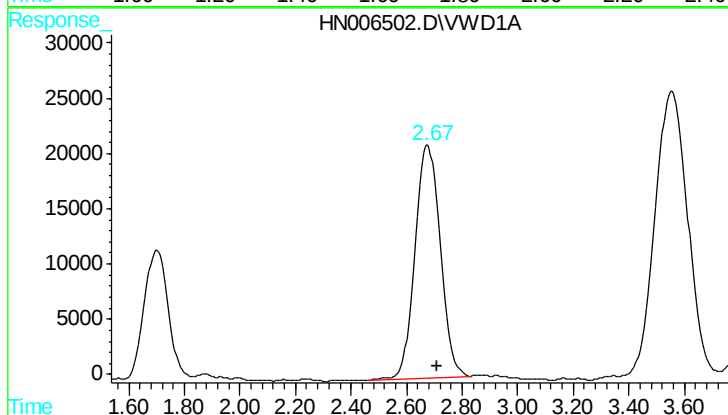
#2 HMX

R.T.: 0.875 min
Delta R.T.: -0.007 min
Response: 533594
Conc: 110.33 ug/L m



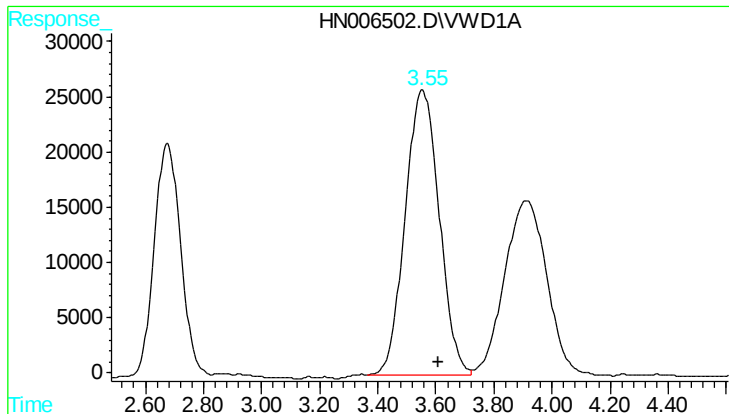
#3 RDX

R.T.: 1.699 min
Delta R.T.: -0.022 min
Response: 683184
Conc: 124.61 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.676 min
Delta R.T.: -0.032 min
Response: 1335380
Conc: 124.52 ug/L



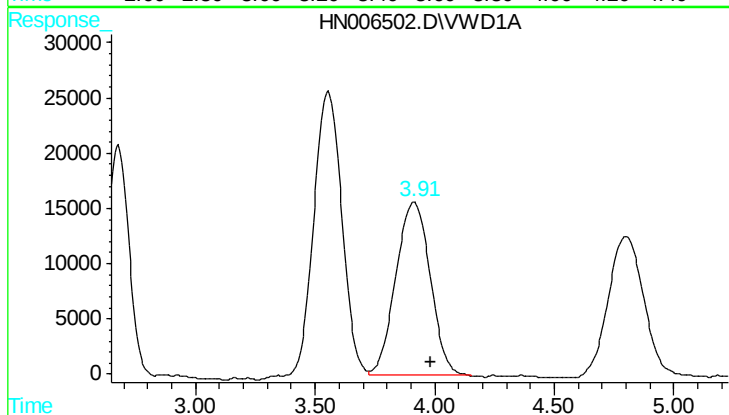
#5 1,3-Dinitrobenzene

R.T.: 3.554 min
Delta R.T.: -0.054 min
Response: 2098086
Conc: 128.13 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

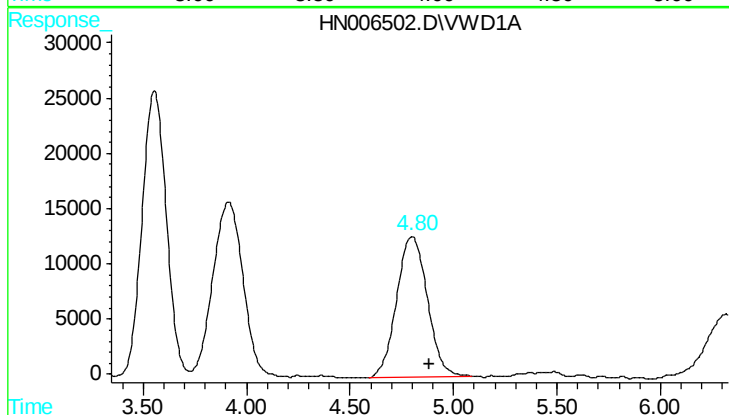
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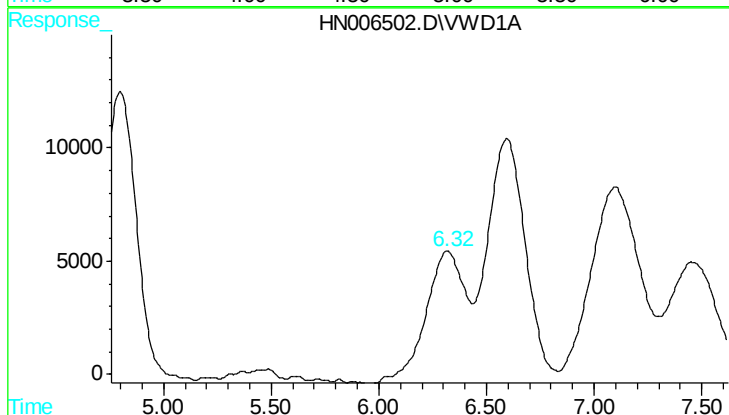
#6 3,5-Dinitroaniline

R.T.: 3.912 min
Delta R.T.: -0.072 min
Response: 1566189
Conc: 134.40 ug/L m



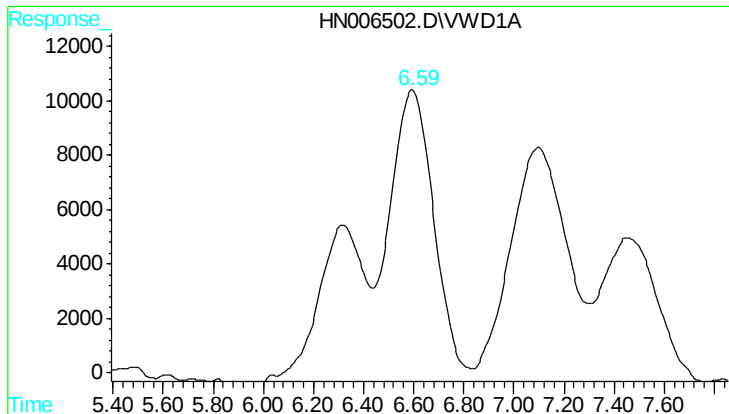
#7 Nitrobenzene

R.T.: 4.798 min
Delta R.T.: -0.086 min
Response: 1319647
Conc: 131.69 ug/L m



#8 Tetryl

R.T.: 6.316 min
Delta R.T.: -0.158 min
Response: 725715
Conc: 113.82 ug/L m



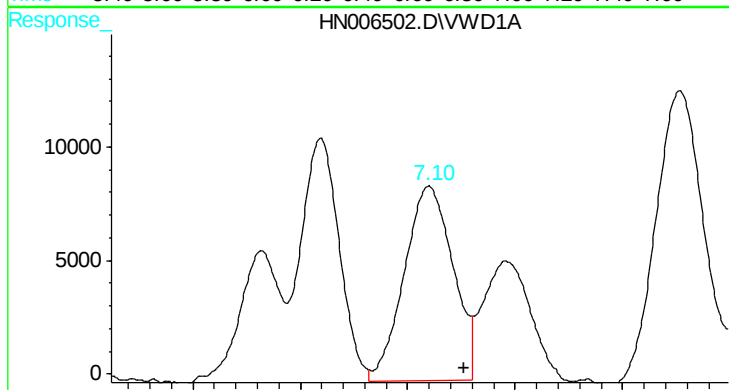
#9 2,4,6-Trinitrotoluene

R.T.: 6.595 min
Delta R.T.: -0.132 min
Response: 1384823
Conc: 128.98 ug/L m

Instrument :
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ClientSampleId :
PB79747BS

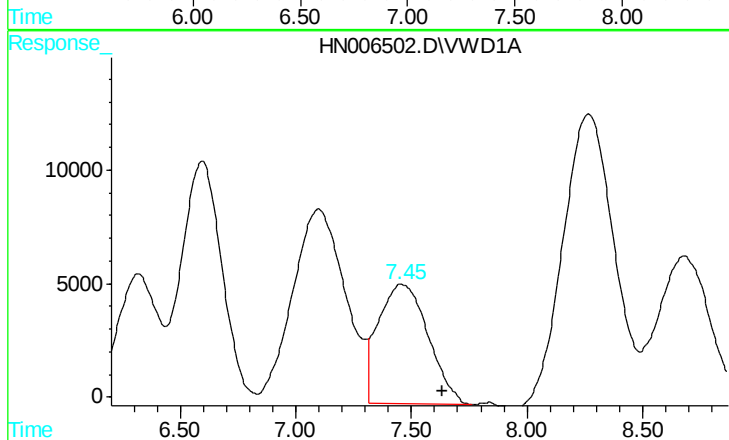
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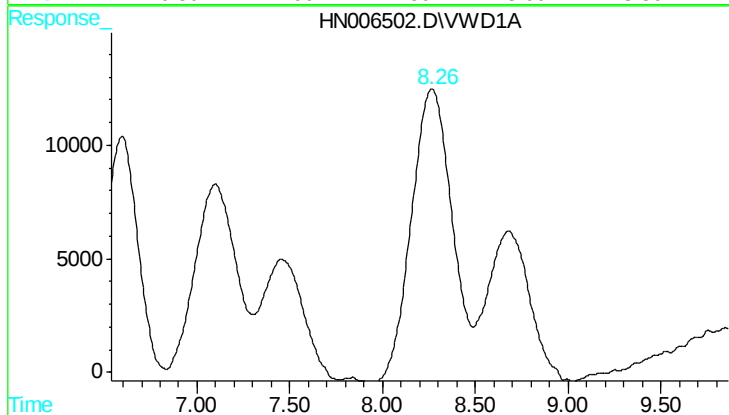
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.098 min
Delta R.T.: -0.164 min
Response: 1345749
Conc: 116.22 ug/L m



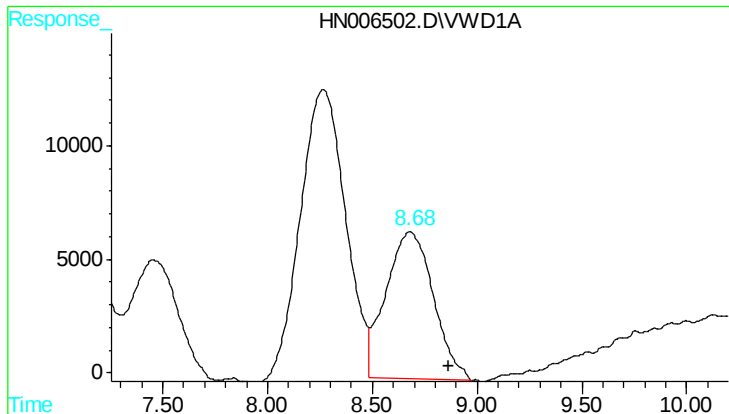
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.451 min
Delta R.T.: -0.183 min
Response: 785730
Conc: 128.74 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.265 min
Delta R.T.: -0.171 min
Response: 1955634
Conc: 127.01 ug/L m



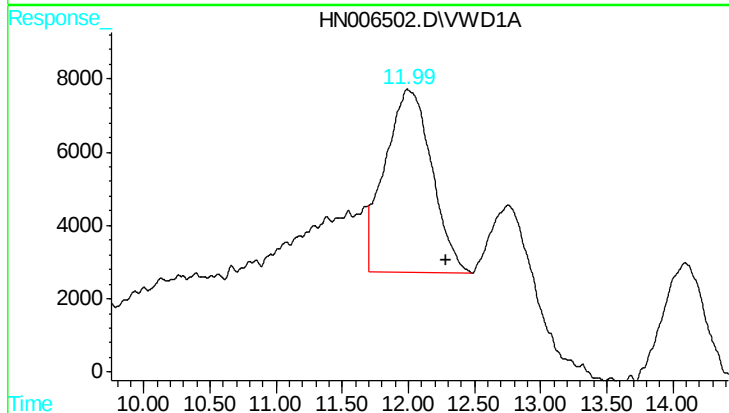
#13 2,6-Dinitrotoluene

R.T.: 8.678 min
Delta R.T.: -0.184 min
Response: 1021608
Conc: 120.53 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

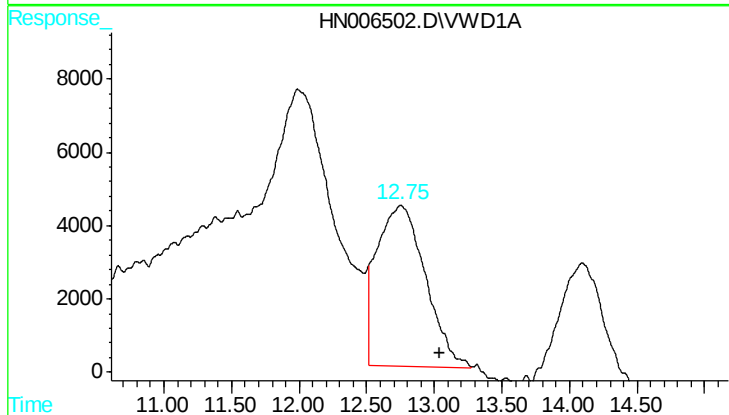
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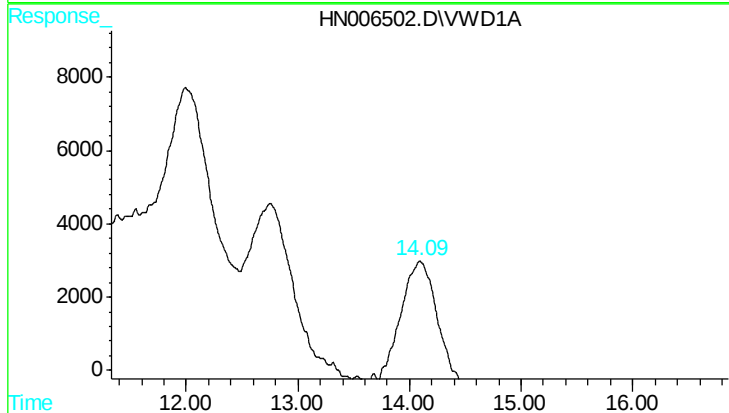
#14 2-Nitrotoluene

R.T.: 11.988 min
Delta R.T.: -0.293 min
Response: 1218653
Conc: 181.96 ug/L m



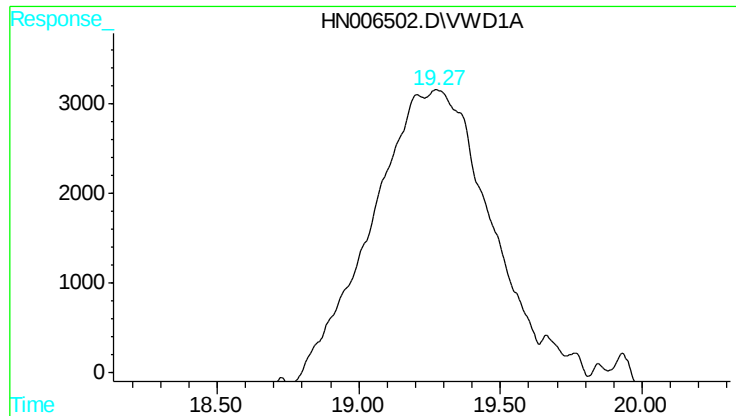
#15 4-Nitrotoluene

R.T.: 12.751 min
Delta R.T.: -0.293 min
Response: 1091632
Conc: 199.42 ug/L m



#16 3-Nitrotoluene

R.T.: 14.089 min
Delta R.T.: -0.211 min
Response: 832028
Conc: 119.51 ug/L m



#17 PETN

R.T.: 19.273 min
Delta R.T.: -0.429 min
Response: 1046919
Conc: 127.20 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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