

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005809.D Vial: 35
 Acq On : 21-Jan-2014, 23:57 Operator: QM
 Sample : F1087-01MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 14:40 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 FB-POD-0-5-01DUPMS

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:05 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.31	624048	165.660 ug/L m
Target Compounds			
2) T HMX	0.88	508210	118.502 ug/L
3) T RDX	1.69	744792	129.867 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	1281622	119.080 ug/L
5) T 1,3-Dinitrobenzene	3.49	1876772	116.336 ng/ml
6) T 3,5-Dinitroaniline	3.83	1518680	121.343 ug/L
7) T Nitrobenzene	4.66	1215550	113.066 ug/L
8) T Tetryl	6.12	776649	112.630 ug/L
9) T 2,4,6-Trinitrotoluene	6.42	1292875	121.279 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.89	1162256	101.685 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.23	789123	136.521 ug/L
12) T 2,4-Dinitrotoluene	8.00	1851226	121.007 ug/L
13) T 2,6-Dinitrotoluene	8.38	1233113	146.097 ug/L
14) T 2-Nitrotoluene	11.48	734853	111.022 ug/L m
15) T 4-Nitrotoluene	12.22	581305	108.849 ug/L m
16) T 3-Nitrotoluene	13.45	749649	112.327 ug/L m
17) T PETN	18.60	1052328	126.335 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.

HN005809.D HN012114.M

Sat Jan 25 01:00:08 2014

RPT1

Quantitation Report

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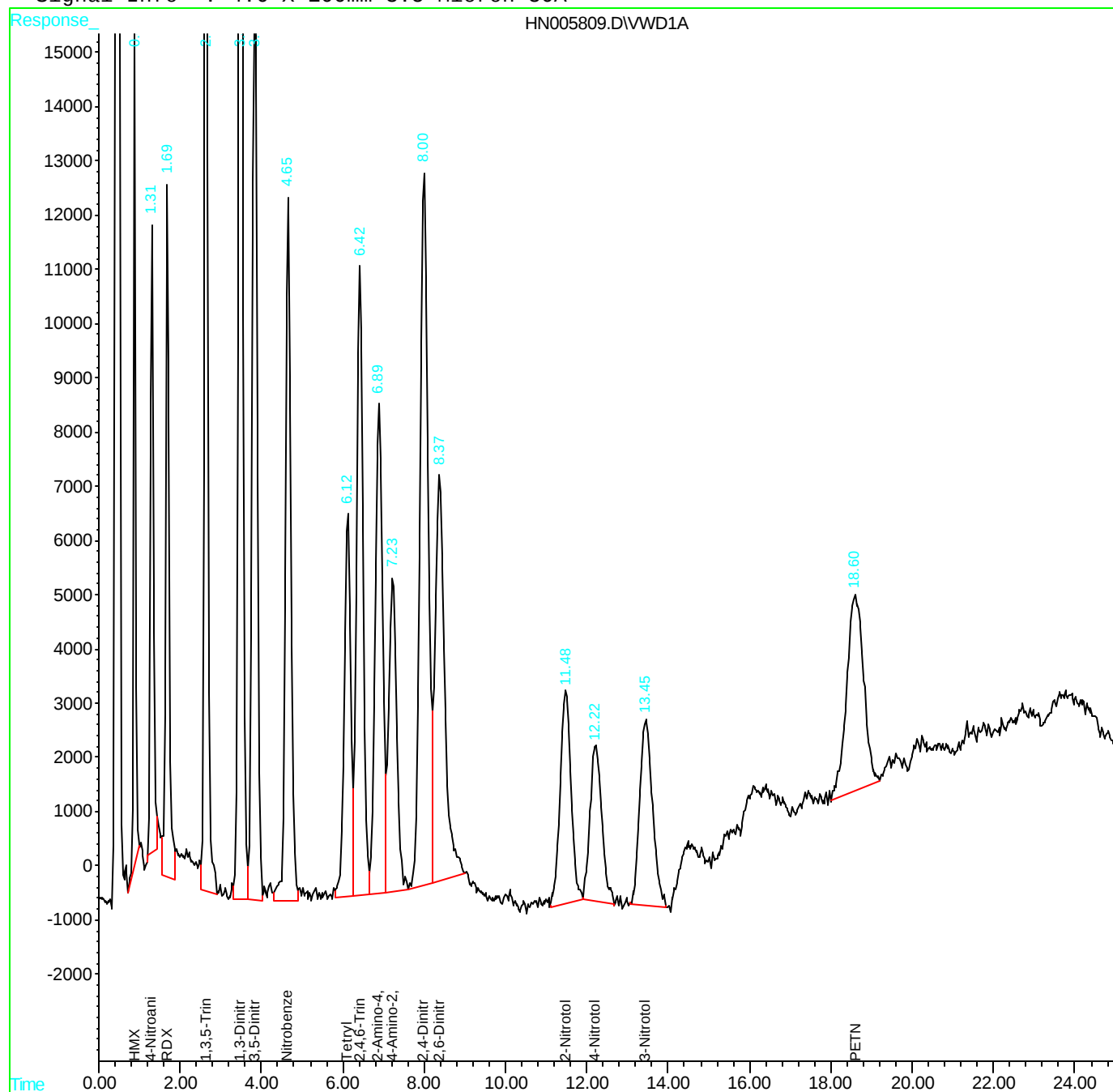
Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMS

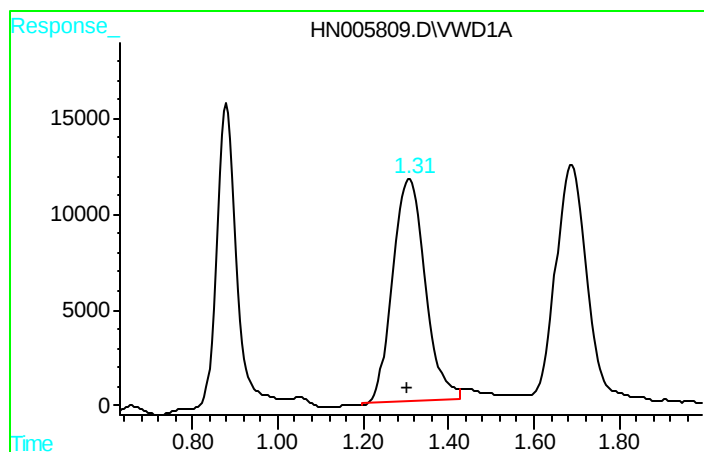
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





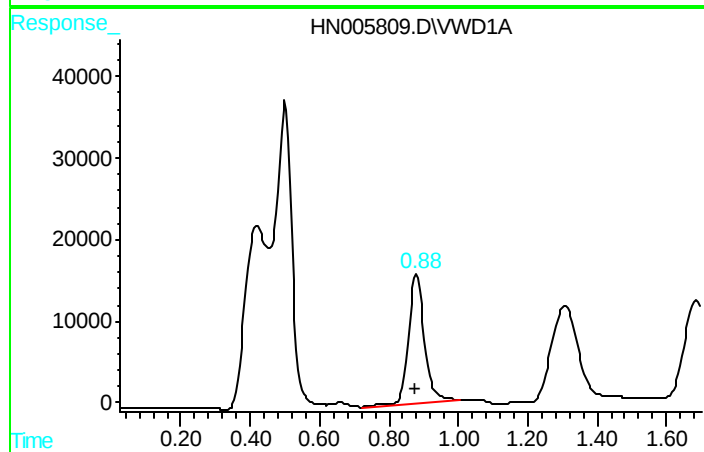
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: 0.003 min
Response: 624048
Conc: 165.66 ug/L m

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMS

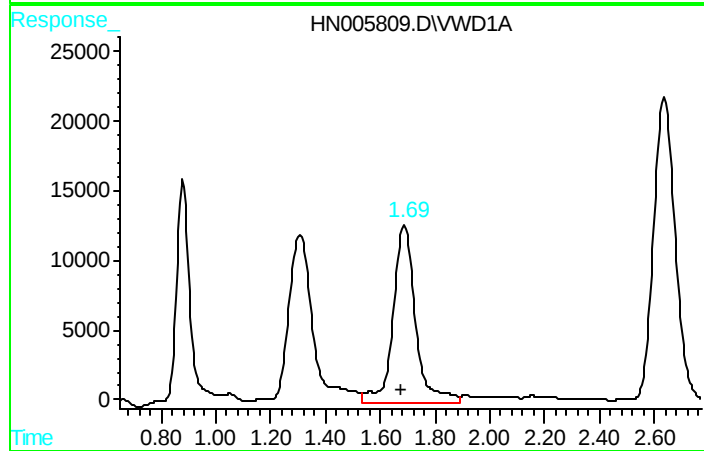
Manual Integrations
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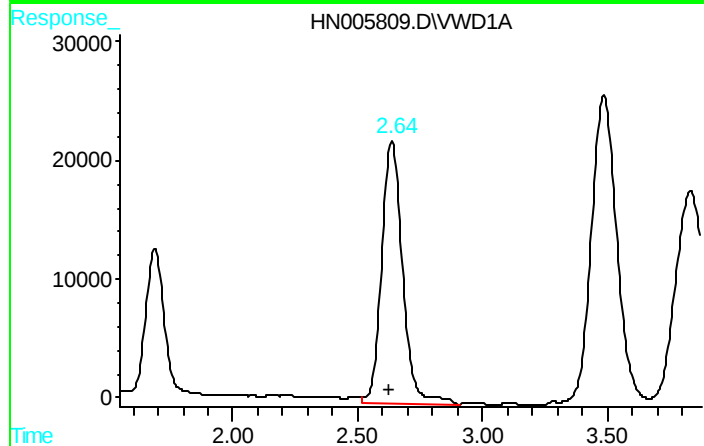
#2 HMX

R.T.: 0.880 min
Delta R.T.: 0.006 min
Response: 508210
Conc: 118.50 ug/L



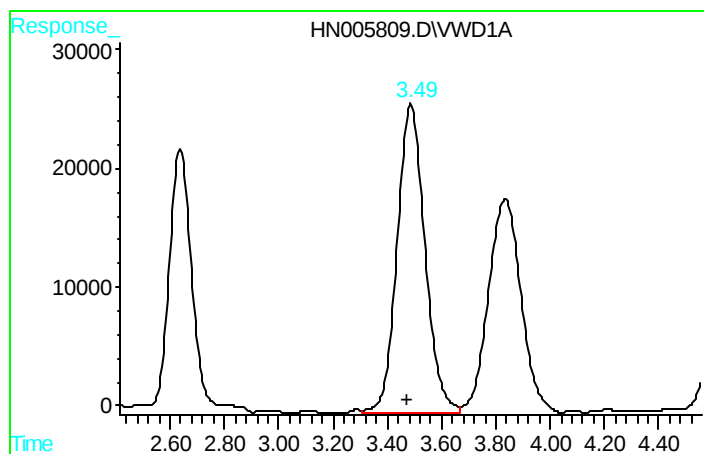
#3 RDX

R.T.: 1.688 min
Delta R.T.: 0.009 min
Response: 744792
Conc: 129.87 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.638 min
Delta R.T.: 0.015 min
Response: 1281622
Conc: 119.08 ug/L



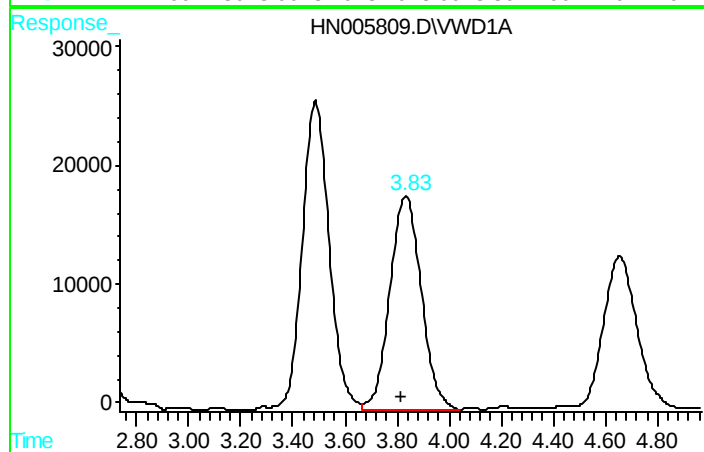
#5 1,3-Dinitrobenzene

R.T.: 3.488 min
 Delta R.T.: 0.019 min
 Response: 1876772
 Conc: 116.34 ng/ml

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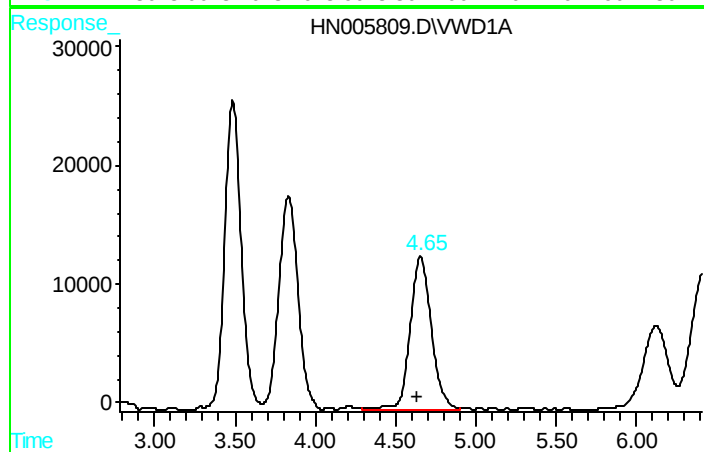
Manual Integrations
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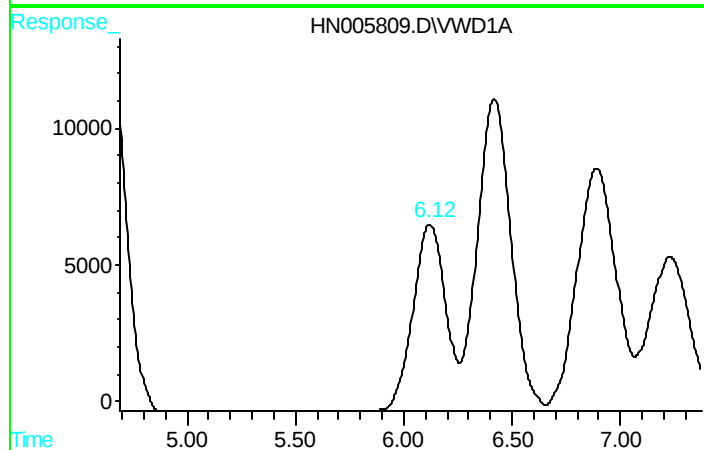
#6 3,5-Dinitroaniline

R.T.: 3.835 min
 Delta R.T.: 0.018 min
 Response: 1518680
 Conc: 121.34 ug/L



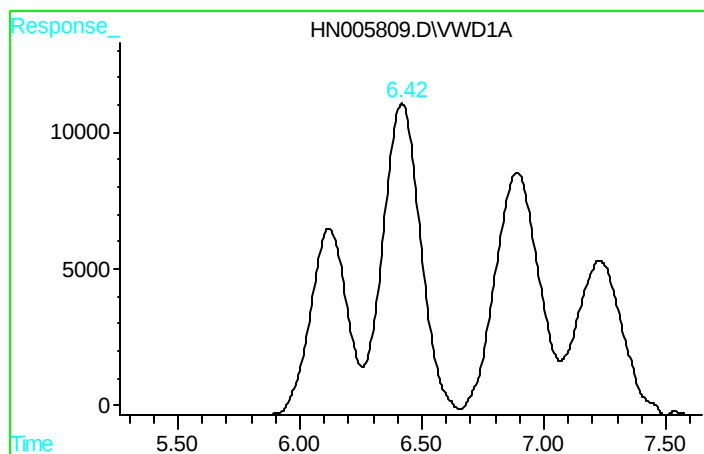
#7 Nitrobenzene

R.T.: 4.656 min
 Delta R.T.: 0.025 min
 Response: 1215550
 Conc: 113.07 ug/L



#8 Tetryl

R.T.: 6.121 min
 Delta R.T.: 0.050 min
 Response: 776649
 Conc: 112.63 ug/L



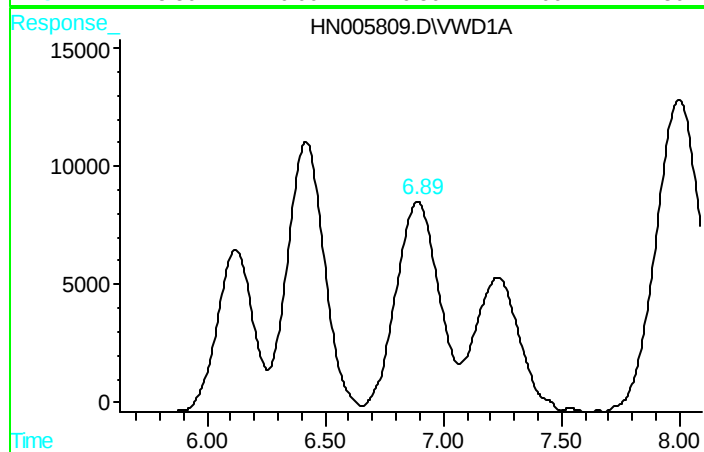
#9 2,4,6-Trinitrotoluene

R.T.: 6.419 min
Delta R.T.: 0.046 min
Response: 1292875
Conc: 121.28 ug/L

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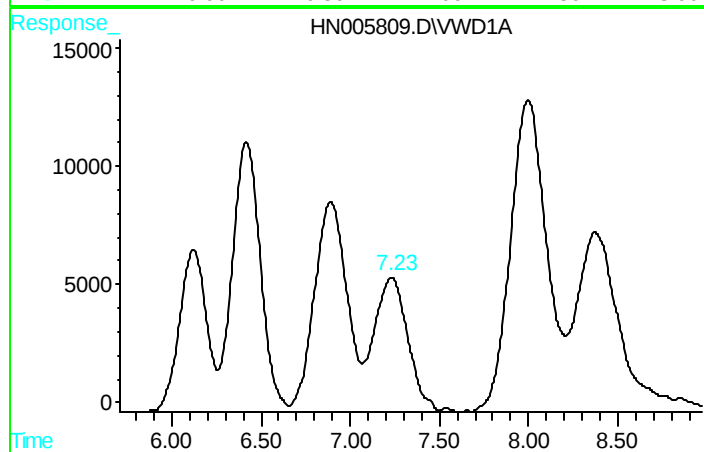
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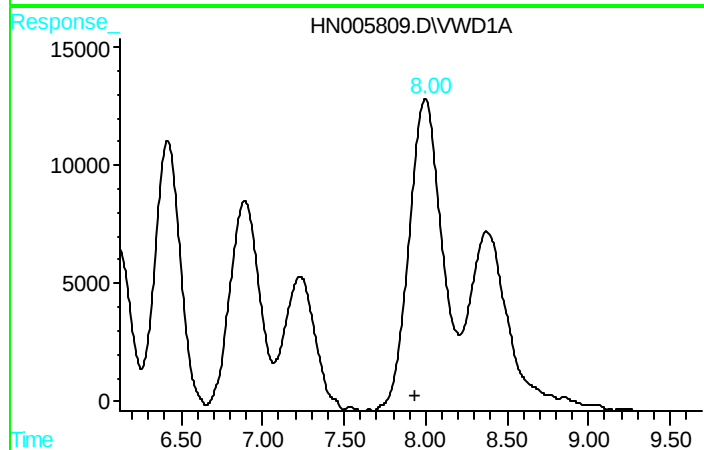
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.891 min
Delta R.T.: 0.047 min
Response: 1162256
Conc: 101.68 ug/L



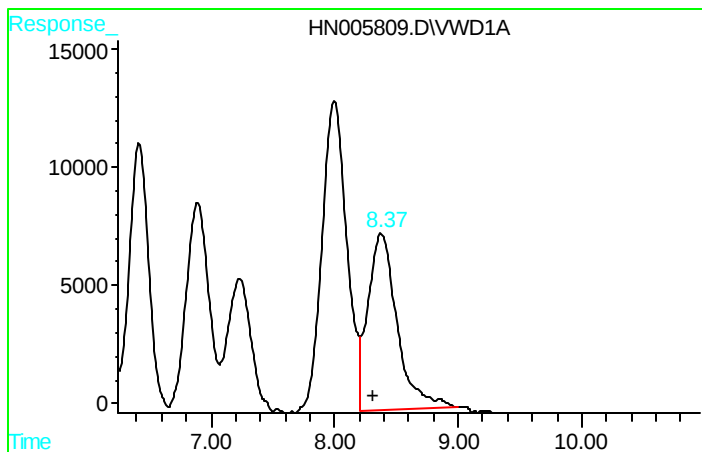
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.231 min
Delta R.T.: 0.062 min
Response: 789123
Conc: 136.52 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.999 min
Delta R.T.: 0.060 min
Response: 1851226
Conc: 121.01 ug/L



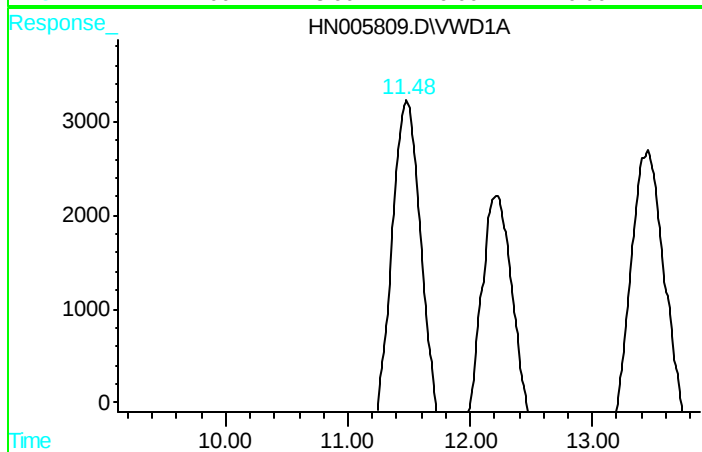
#13 2,6-Dinitrotoluene

R.T.: 8.376 min
Delta R.T.: 0.061 min
Response: 1233113
Conc: 146.10 ug/L

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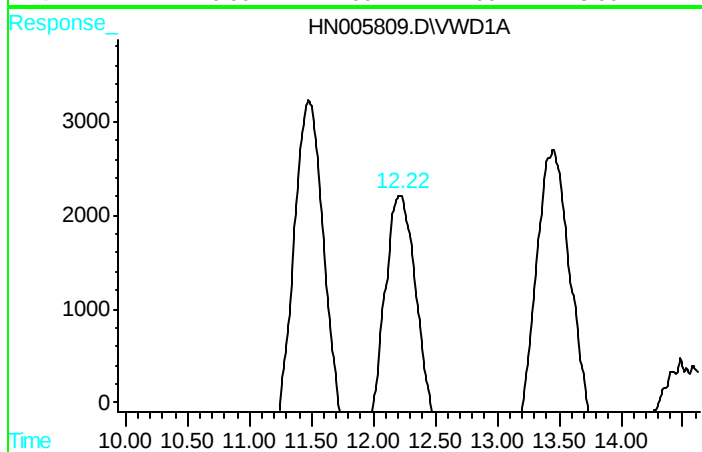
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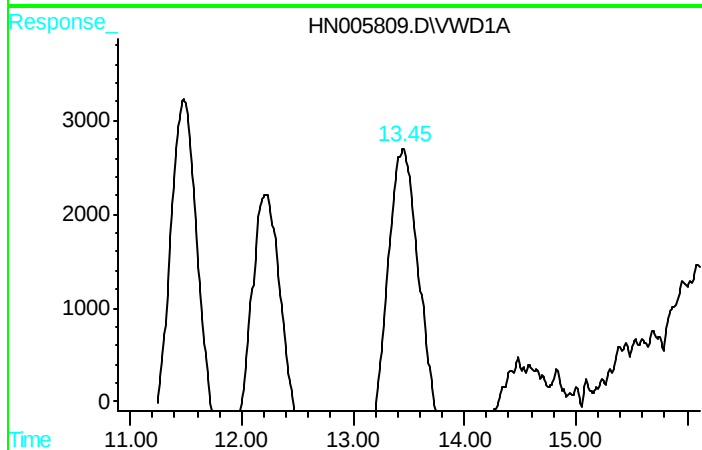
#14 2-Nitrotoluene

R.T.: 11.475 min
Delta R.T.: 0.084 min
Response: 734853
Conc: 111.02 ug/L m



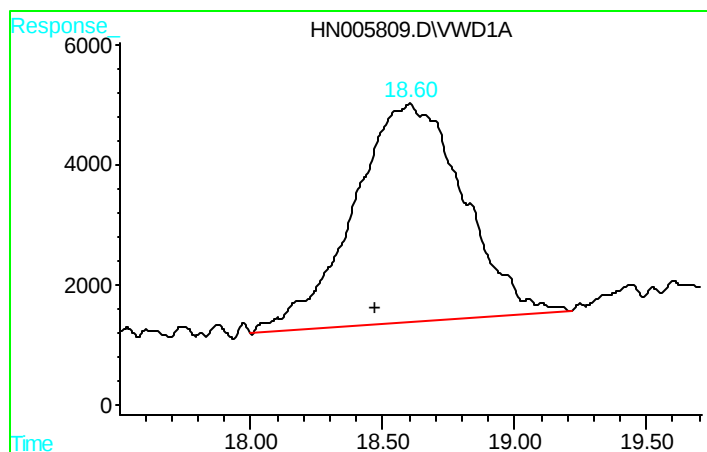
#15 4-Nitrotoluene

R.T.: 12.222 min
Delta R.T.: 0.088 min
Response: 581305
Conc: 108.85 ug/L m



#16 3-Nitrotoluene

R.T.: 13.452 min
Delta R.T.: 0.093 min
Response: 749649
Conc: 112.33 ug/L m



#17 PETN

R.T.: 18.603 min
Delta R.T.: 0.134 min
Response: 1052328
Conc: 126.33 ug/L m

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HPLC_N
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