

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006930.D\VWD1A.CH Vial: 48
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006930.D\VWD1A.CH
 Acq On : 01-Nov-2014, 13:24 Operator: TP
 Sample : F4379-01MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 2:51 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS32-1014MSD

Manual Integrations
 APPROVED

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 11/14/2014 10:34:24 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 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	549329	151.112 ug/L m
Target Compounds			
2) T HMX	0.87	640806	146.965 ug/L
3) T RDX	1.69	622630	121.717 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1198119	117.047 ug/L
5) T 1,3-Dinitrobenzene	3.53	2018207	127.717 ng/ml
6) T 3,5-Dinitroaniline	3.90	1466984	130.816 ug/L
7) T Nitrobenzene	4.77	1182233	124.118 ug/L m
8) T Tetryl	6.30	660391	134.059 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	1398414	137.909 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.09	1268633	113.349 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.47	766949	135.155 ug/L m
12) T 2,4-Dinitrotoluene	8.21	1839095	124.011 ug/L m
13) T 2,6-Dinitrotoluene	8.63	1037430	129.397 ug/L m
14) T 2-Nitrotoluene	11.94	818574	129.339 ug/L m
15) T 4-Nitrotoluene	12.68	654113	128.591 ug/L m
16) T 3-Nitrotoluene	14.05	851226	125.804 ug/L m
17) T PETN	19.11	933632	111.287 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.

HN006930.D HN103114.M Sat Nov 08 04:43:55 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006930.D\VWD1A.CH Vial: 48
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006930.D\VWD1A.CH
Acq On : 01-Nov-2014, 13:24 Operator: TP
Sample : F4379-01MSD Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 2:51 2014 Quant Results File: HN103114.RES

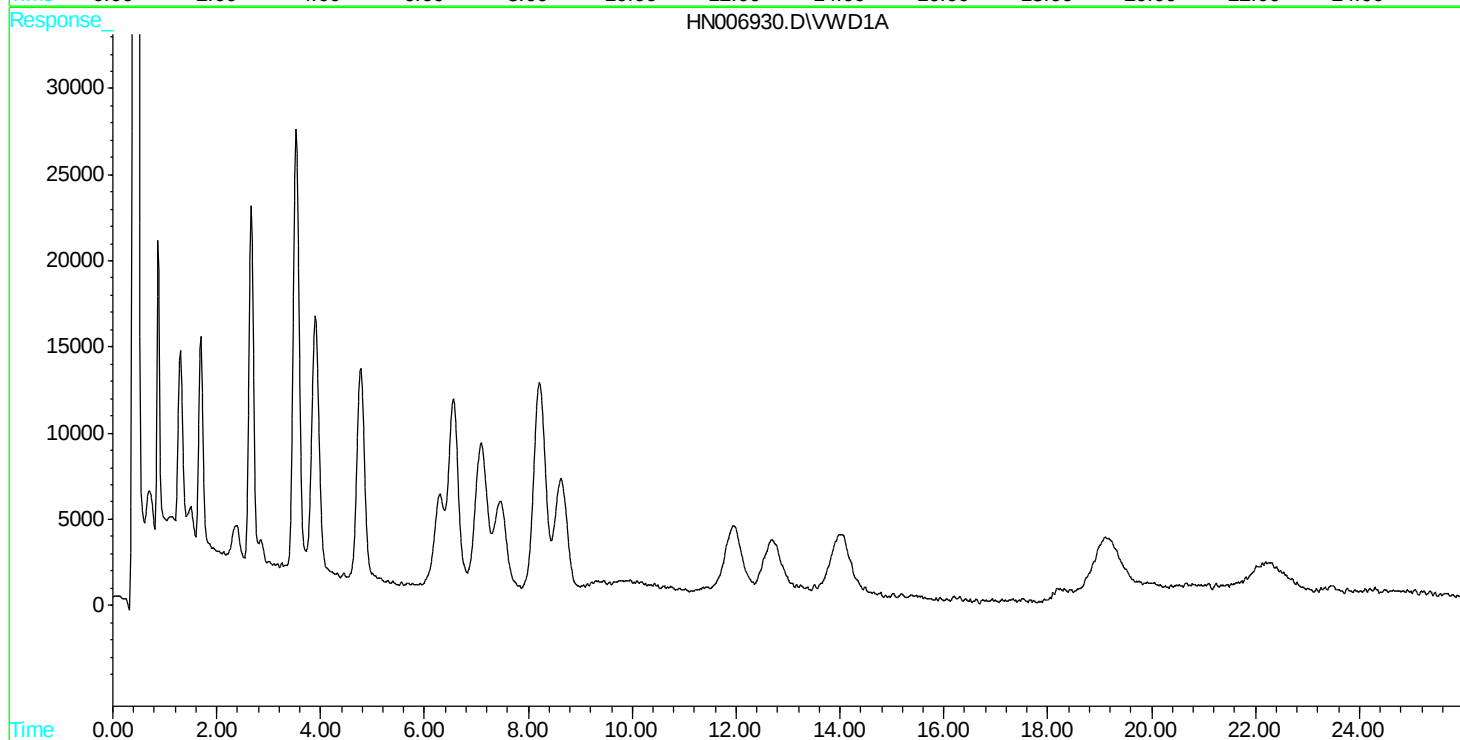
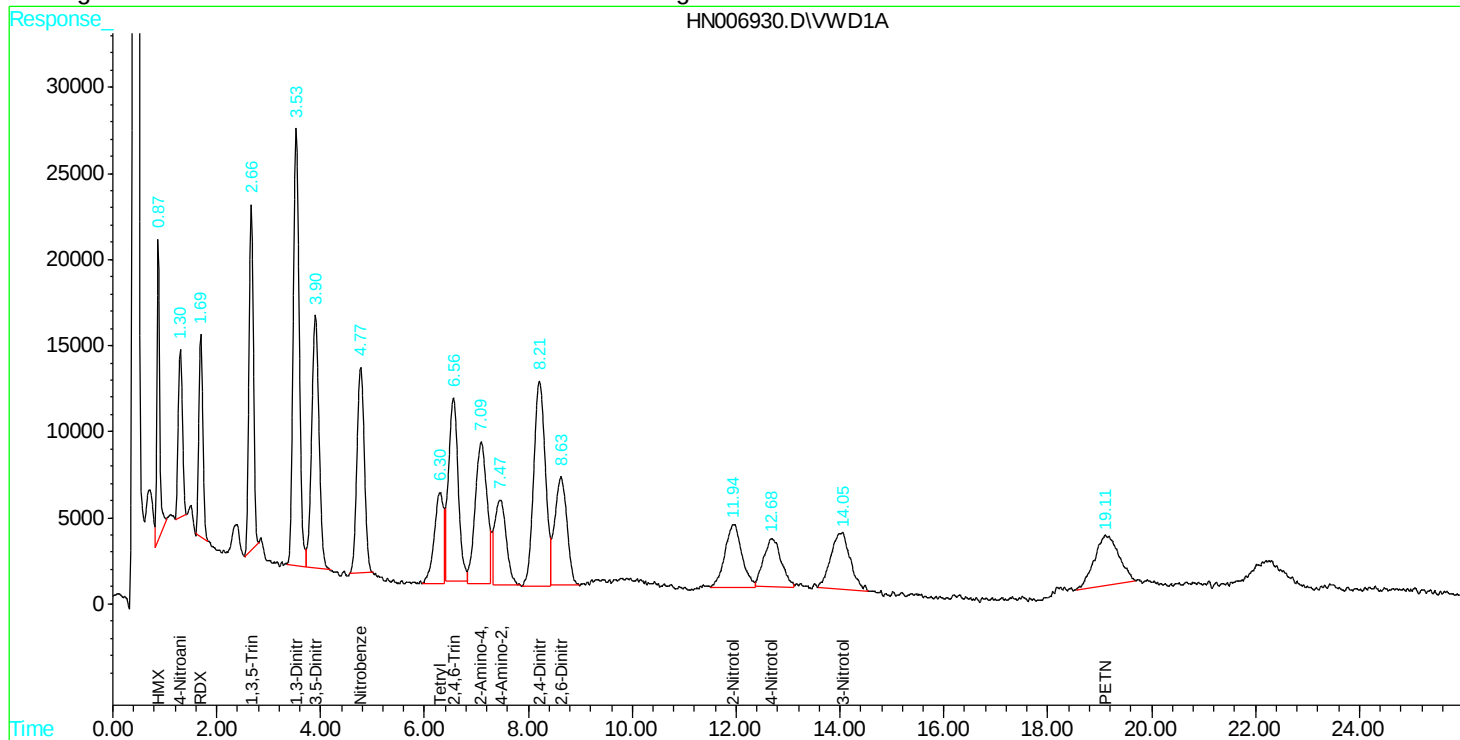
Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MSD

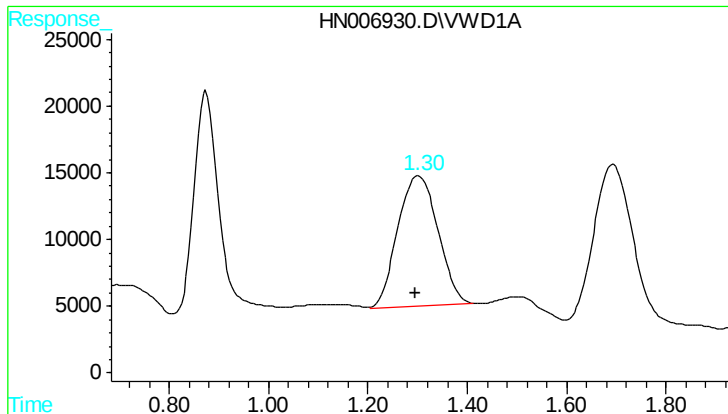
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





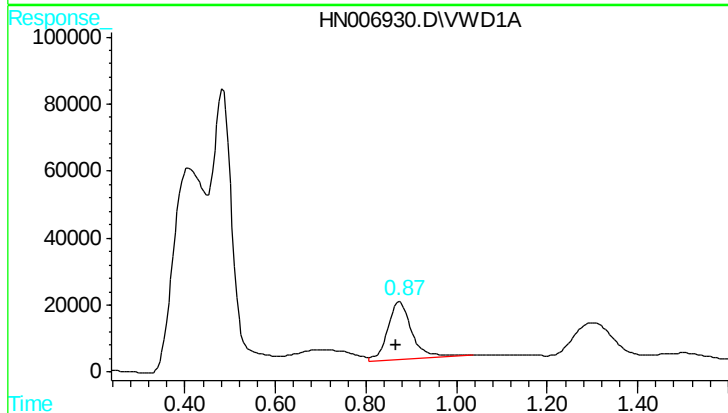
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.004 min
Response: 549329
Conc: 151.11 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MSD

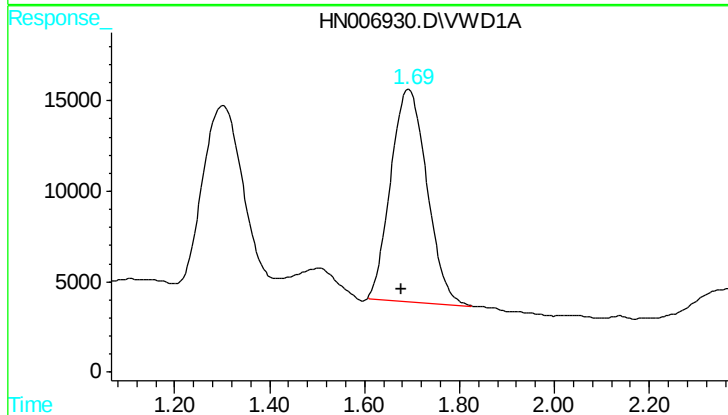
Manual Integrations
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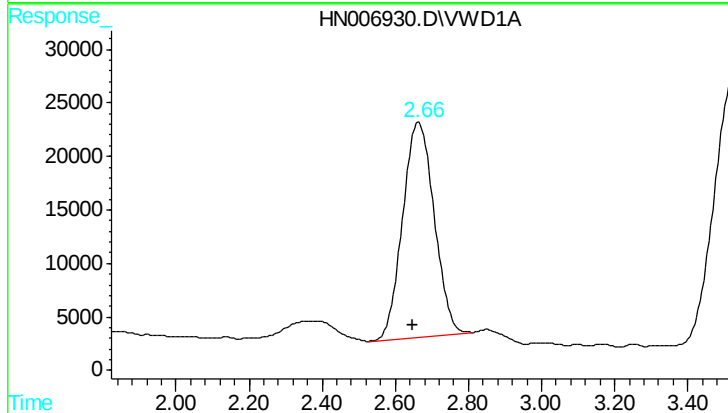
#2 HMX

R.T.: 0.875 min
Delta R.T.: 0.009 min
Response: 640806
Conc: 146.97 ug/L



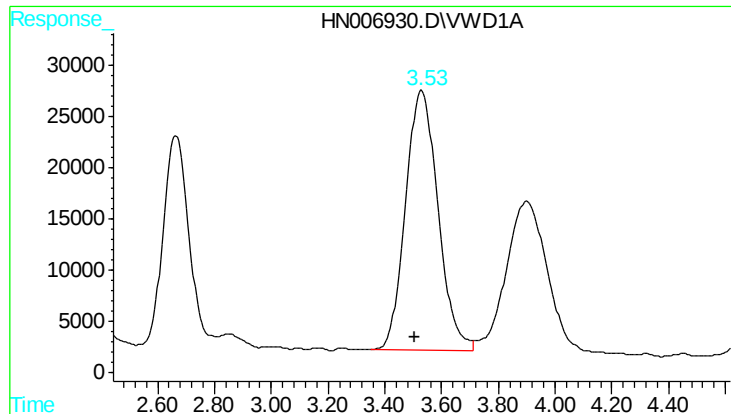
#3 RDX

R.T.: 1.692 min
Delta R.T.: 0.013 min
Response: 622630
Conc: 121.72 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.665 min
Delta R.T.: 0.017 min
Response: 1198119
Conc: 117.05 ug/L



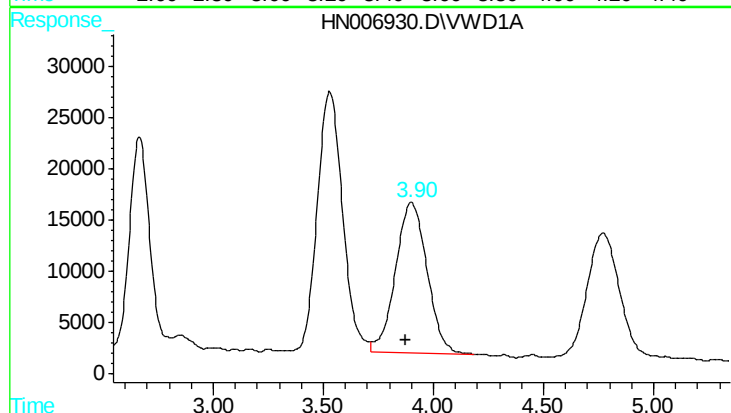
#5 1,3-Dinitrobenzene

R.T.: 3.530 min
Delta R.T.: 0.024 min
Response: 2018207
Conc: 127.72 ng/ml

Instrument :
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ClientSampleId :
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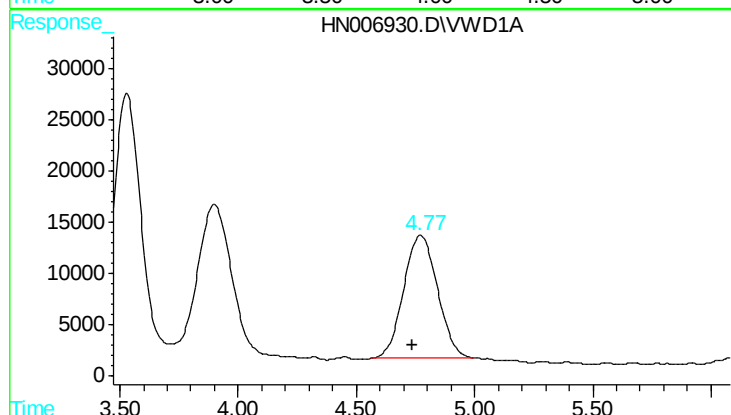
Manual Integrations
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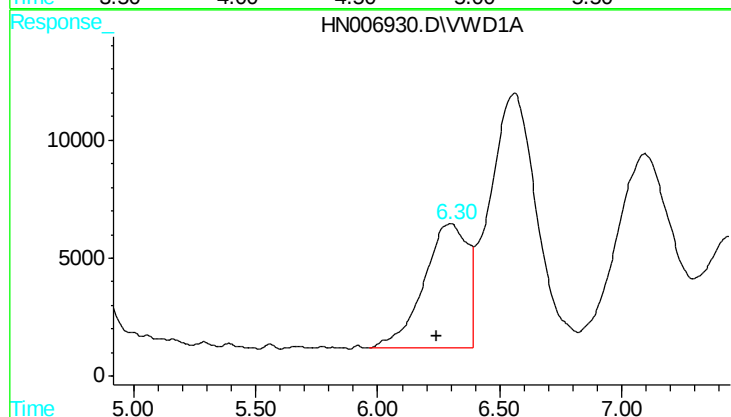
#6 3,5-Dinitroaniline

R.T.: 3.900 min
Delta R.T.: 0.027 min
Response: 1466984
Conc: 130.82 ug/L



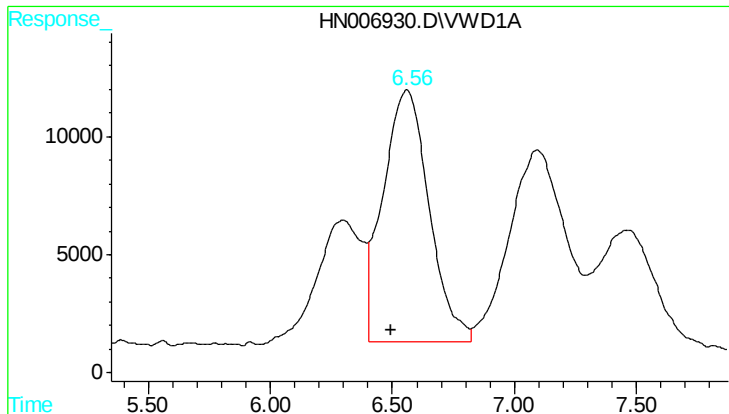
#7 Nitrobenzene

R.T.: 4.770 min
Delta R.T.: 0.033 min
Response: 1182233
Conc: 124.12 ug/L m



#8 Tetryl

R.T.: 6.300 min
Delta R.T.: 0.056 min
Response: 660391
Conc: 134.06 ug/L m



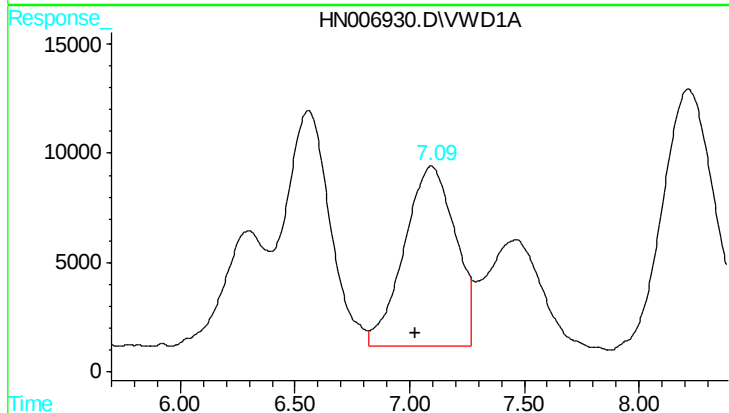
#9 2,4,6-Trinitrotoluene

R.T.: 6.558 min
Delta R.T.: 0.063 min
Response: 1398414
Conc: 137.91 ug/L m

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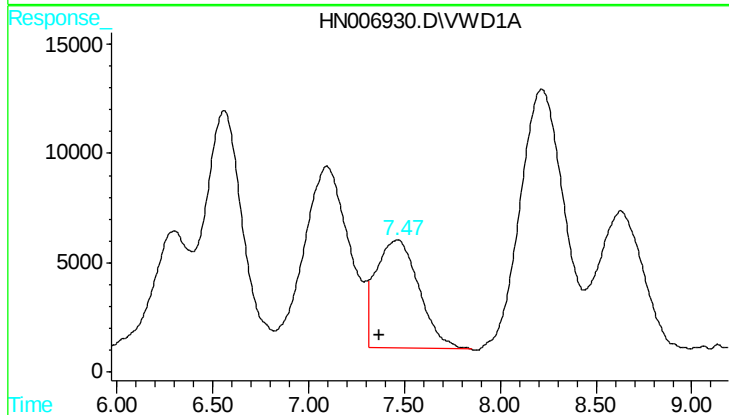
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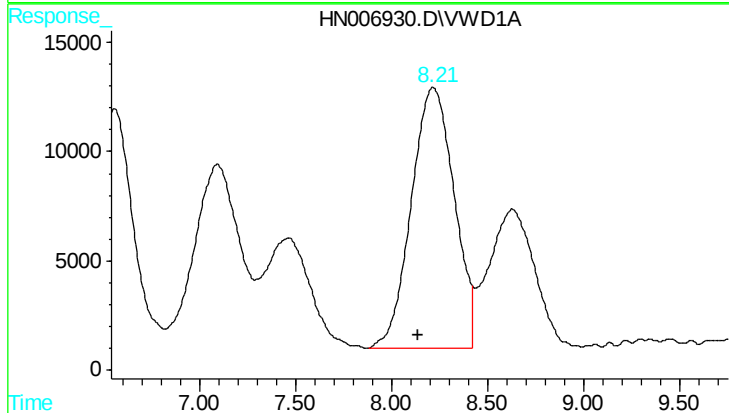
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.092 min
Delta R.T.: 0.065 min
Response: 1268633
Conc: 113.35 ug/L m



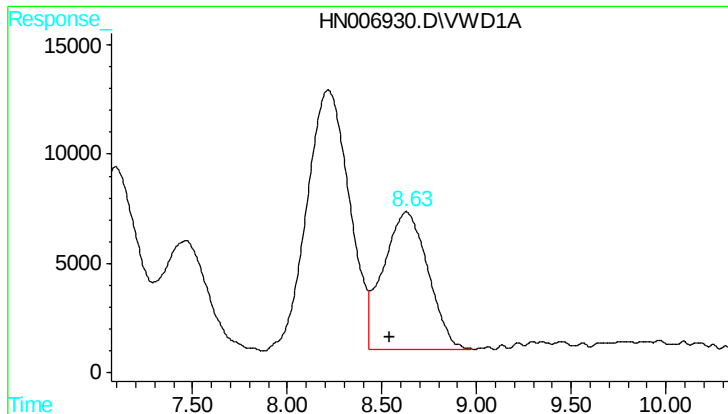
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.467 min
Delta R.T.: 0.098 min
Response: 766949
Conc: 135.16 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.214 min
Delta R.T.: 0.075 min
Response: 1839095
Conc: 124.01 ug/L m



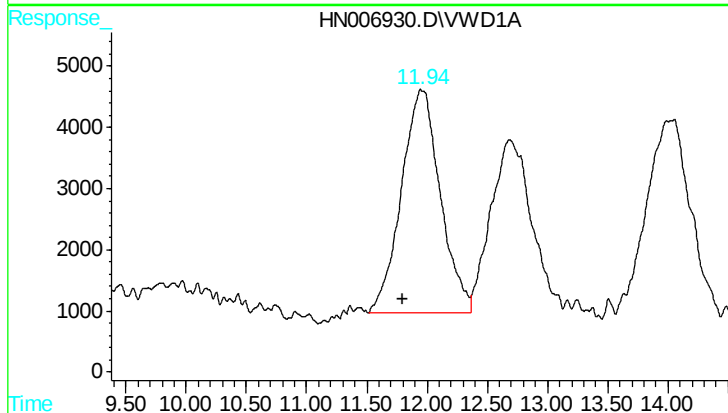
#13 2,6-Dinitrotoluene

R.T.: 8.627 min
Delta R.T.: 0.086 min
Response: 1037430
Conc: 129.40 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MSD

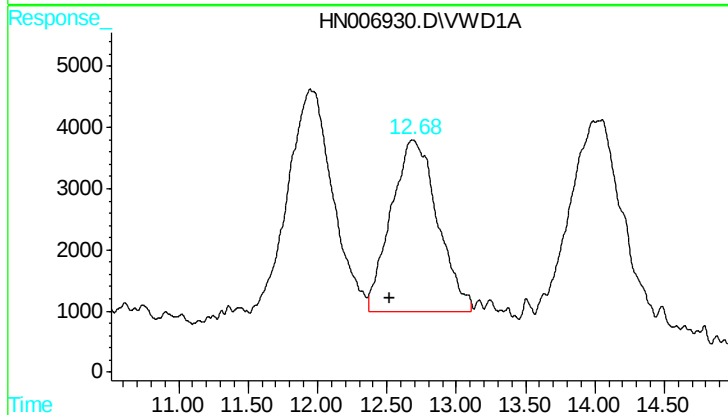
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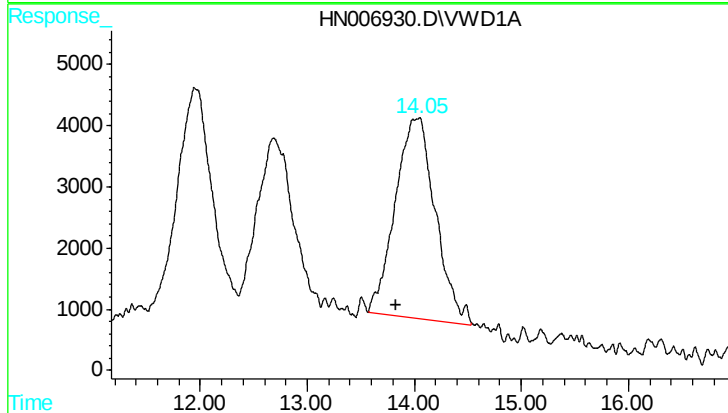
#14 2-Nitrotoluene

R.T.: 11.942 min
Delta R.T.: 0.146 min
Response: 818574
Conc: 129.34 ug/L m



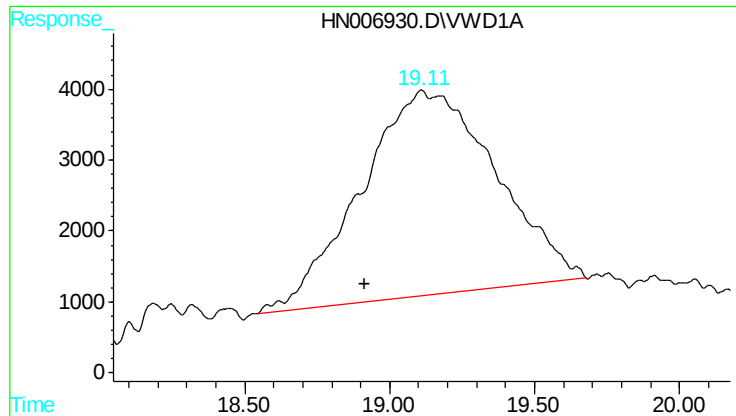
#15 4-Nitrotoluene

R.T.: 12.683 min
Delta R.T.: 0.160 min
Response: 654113
Conc: 128.59 ug/L m



#16 3-Nitrotoluene

R.T.: 14.050 min
Delta R.T.: 0.223 min
Response: 851226
Conc: 125.80 ug/L m



#17 PETN

R.T.: 19.108 min
Delta R.T.: 0.193 min
Response: 933632
Conc: 111.29 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MSD

Manual Integrations
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