

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006309.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006309.D\VWD1A.CH
 Acq On : 15-Oct-2014, 15:39 Operator: HNP
 Sample : F4222-07MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:52 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW03A-1014MS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:19:27 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 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	1036256	260.724 ug/L m
Target Compounds			
2) T HMX	0.88	942944	194.968 ug/L
3) T RDX	1.70	1119946	204.275 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	2058174	191.914 ug/L
5) T 1,3-Dinitrobenzene	3.56	3345715	204.328 ng/ml
6) T 3,5-Dinitroaniline	3.91	2437851	209.207 ug/L
7) T Nitrobenzene	4.81	2043761	203.949 ug/L
8) T Tetryl	6.32	1593328	249.888 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	2178827	202.926 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.10	2173952	187.743 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.47	1390346	227.808 ug/L m
12) T 2,4-Dinitrotoluene	8.26	3113524	202.211 ug/L m
13) T 2,6-Dinitrotoluene	8.68	1666058	196.569 ug/L m
14) T 2-Nitrotoluene	12.02	1334488	199.258 ug/L m
15) T 4-Nitrotoluene	12.77	1111295	203.012 ug/L m
16) T 3-Nitrotoluene	14.07	1437050	206.422 ug/L m
17) T PETN	19.24	1769561	215.004 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.

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006309.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006309.D\VWD1A.CH
 Acq On : 15-Oct-2014, 15:39 Operator: HNP
 Sample : F4222-07MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:52 2014 Quant Results File: HN100214.RES

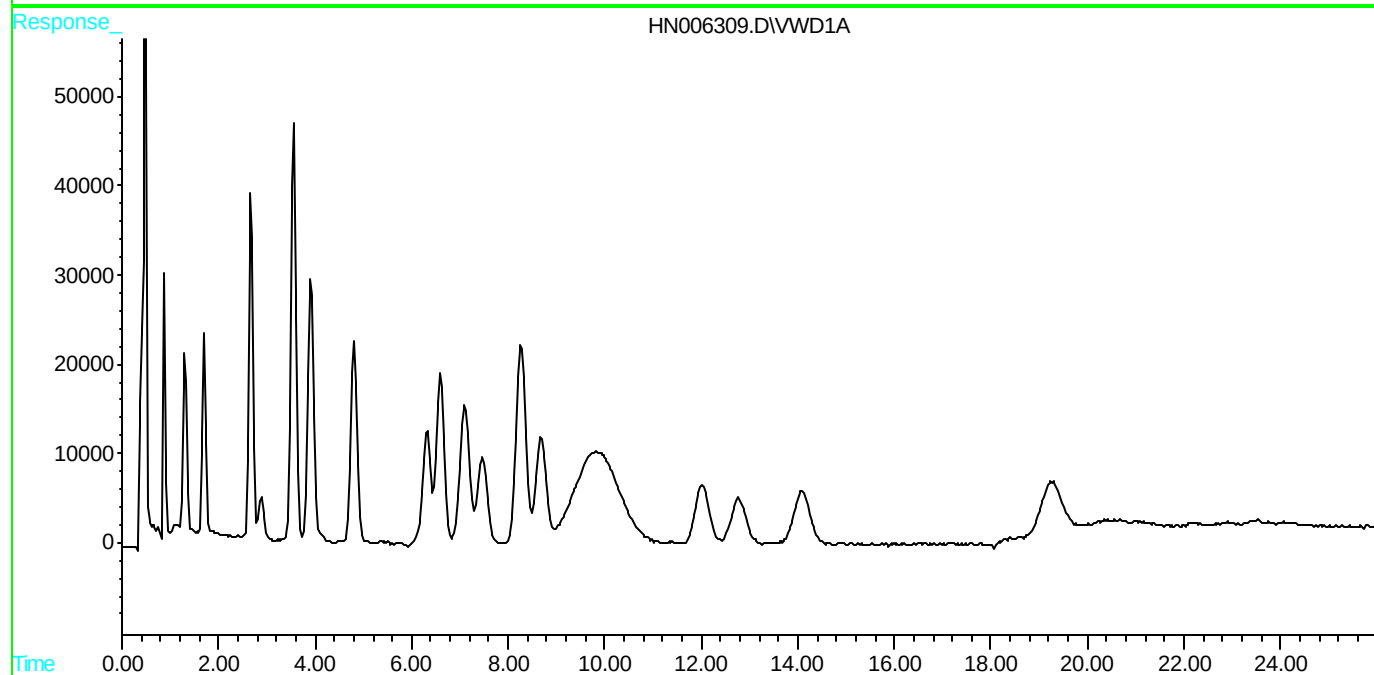
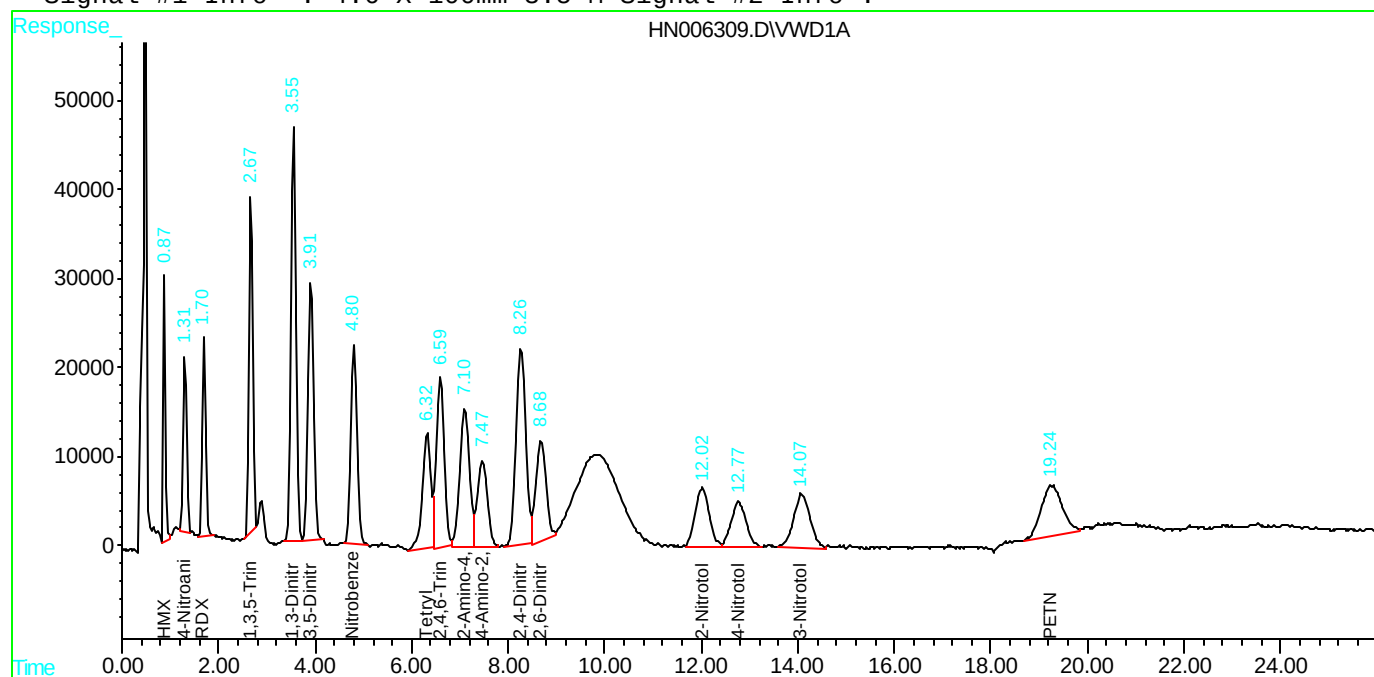
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW03A-1014MS

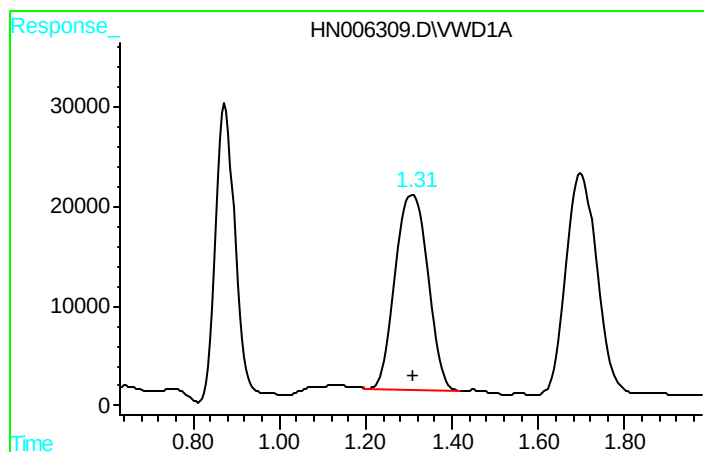
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





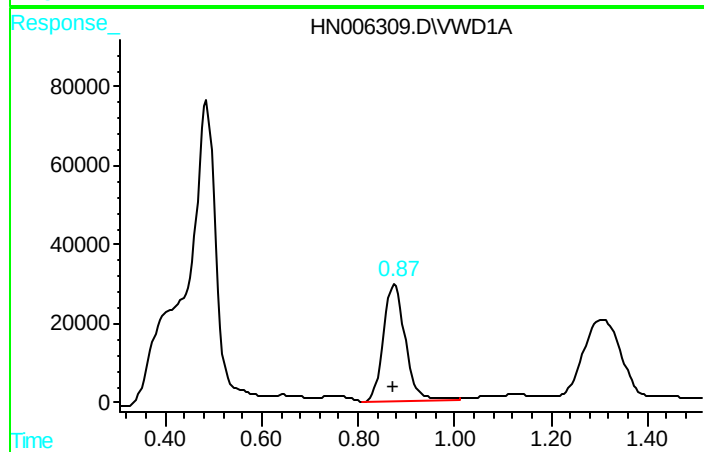
#1 4-Nitroaniline

R.T.: 1.306 min
Delta R.T.: -0.002 min
Response: 1036256
Conc: 260.72 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW03A-1014MS

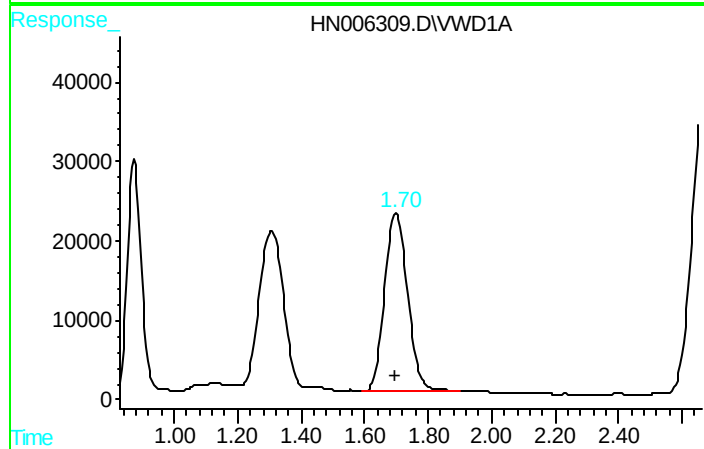
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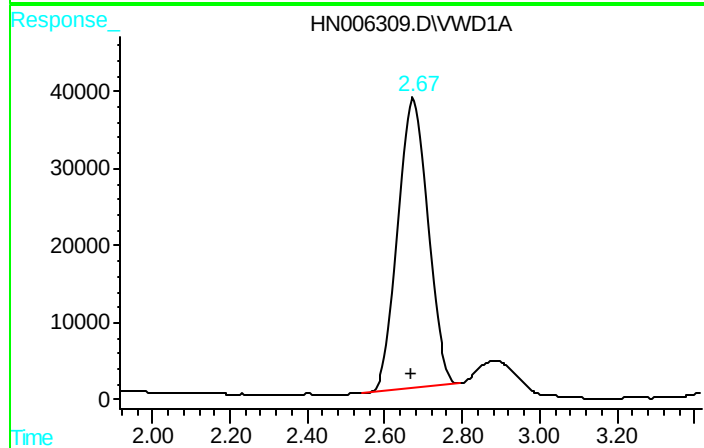
#2 HMX

R.T.: 0.876 min
Delta R.T.: 0.005 min
Response: 942944
Conc: 194.97 ug/L



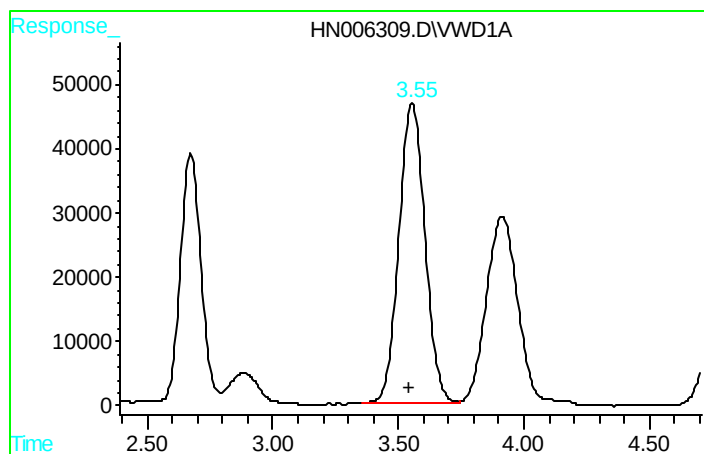
#3 RDX

R.T.: 1.700 min
Delta R.T.: 0.005 min
Response: 1119946
Conc: 204.27 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.674 min
Delta R.T.: 0.008 min
Response: 2058174
Conc: 191.91 ug/L



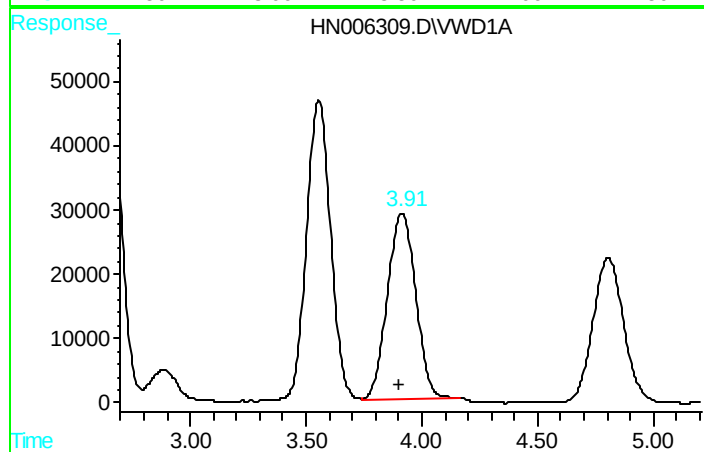
#5 1,3-Dinitrobenzene

R.T.: 3.556 min
Delta R.T.: 0.010 min
Response: 3345715
Conc: 204.33 ng/ml

Instrument :
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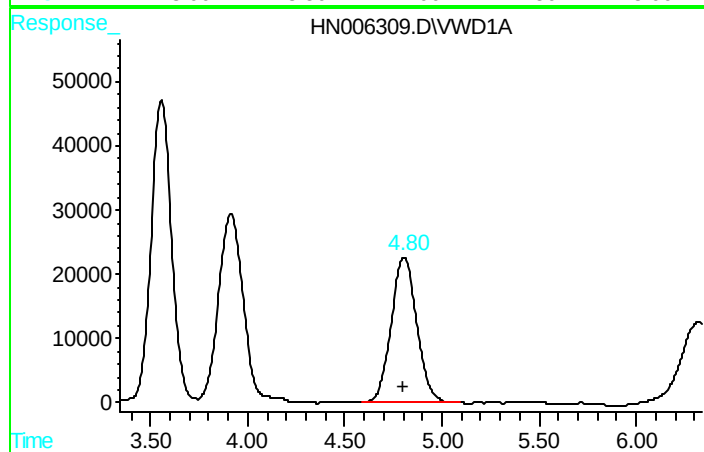
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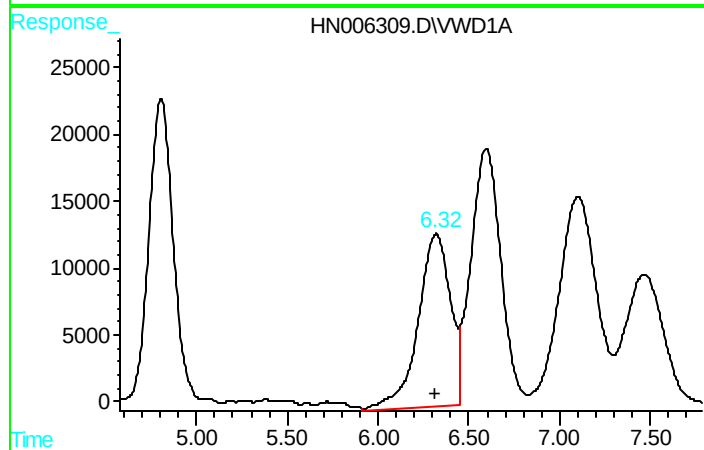
#6 3,5-Dinitroaniline

R.T.: 3.914 min
Delta R.T.: 0.012 min
Response: 2437851
Conc: 209.21 ug/L



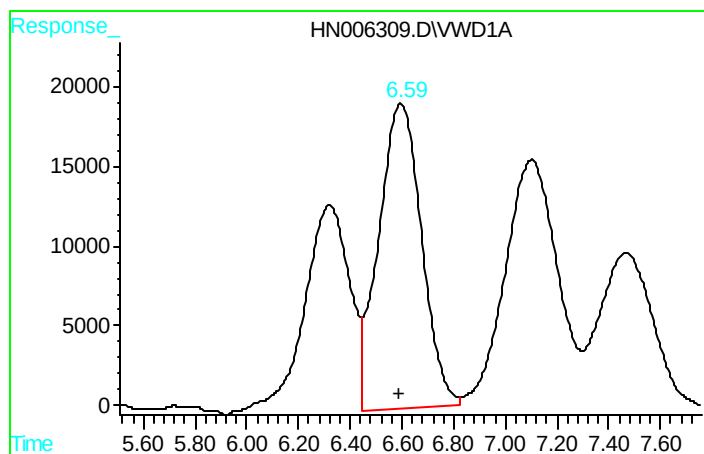
#7 Nitrobenzene

R.T.: 4.806 min
Delta R.T.: 0.012 min
Response: 2043761
Conc: 203.95 ug/L



#8 Tetryl

R.T.: 6.319 min
Delta R.T.: 0.007 min
Response: 1593328
Conc: 249.89 ug/L m



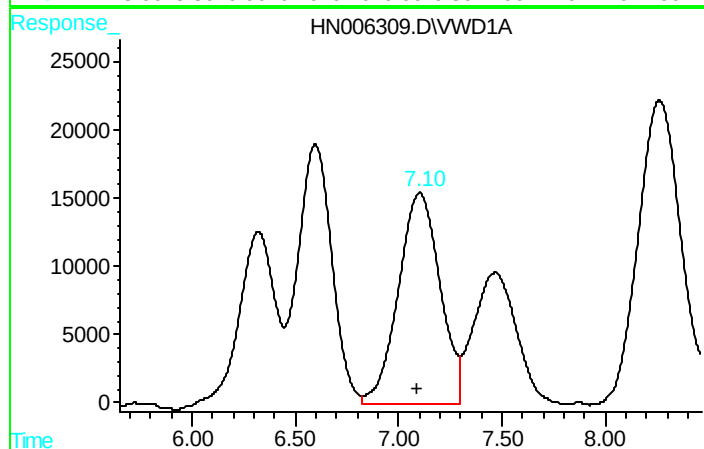
#9 2,4,6-Trinitrotoluene

R.T.: 6.594 min
Delta R.T.: 0.007 min
Response: 2178827
Conc: 202.93 ug/L m

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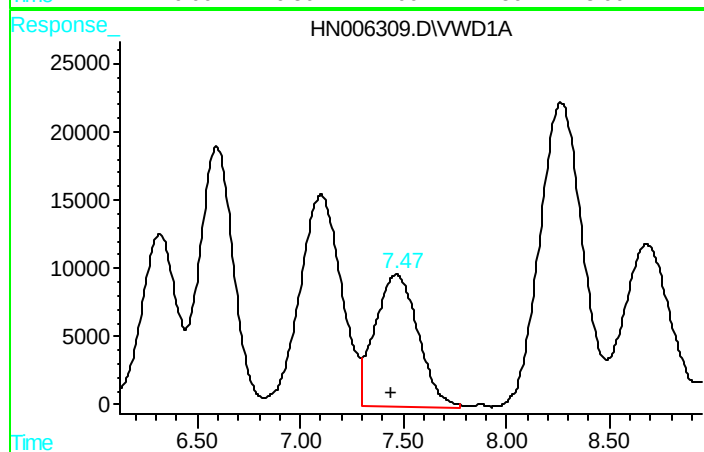
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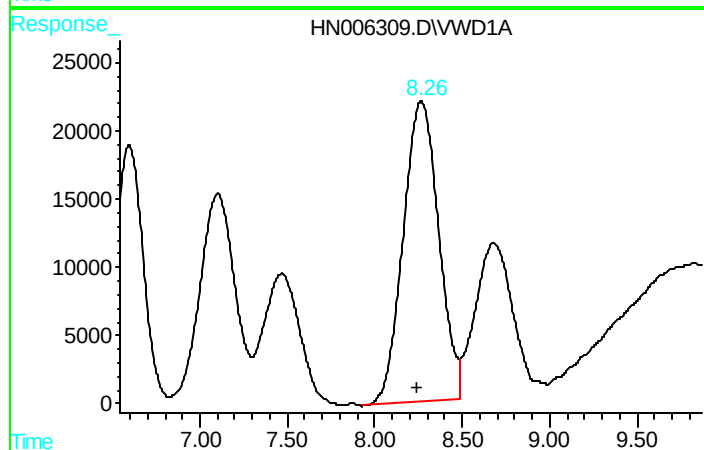
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.102 min
Delta R.T.: 0.013 min
Response: 2173952
Conc: 187.74 ug/L m



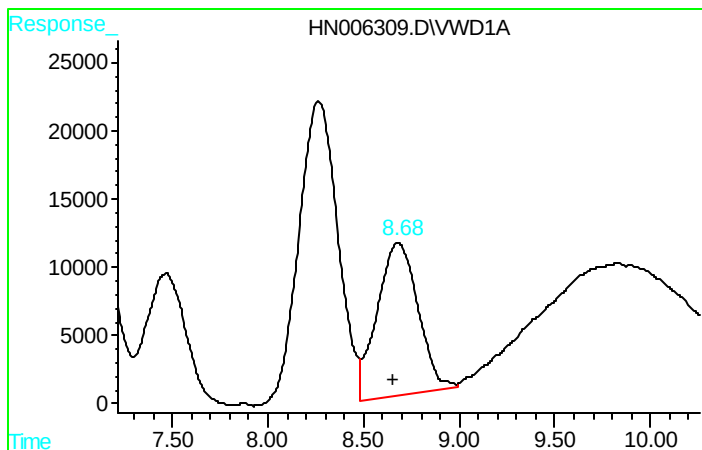
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.468 min
Delta R.T.: 0.027 min
Response: 1390346
Conc: 227.81 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.263 min
Delta R.T.: 0.021 min
Response: 3113524
Conc: 202.21 ug/L m



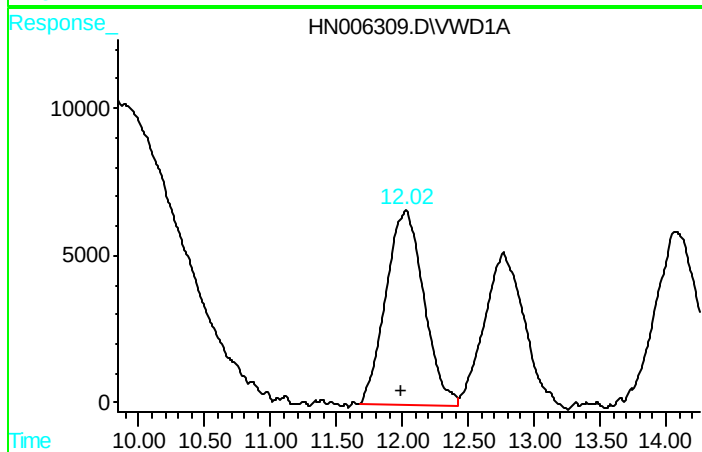
#13 2,6-Dinitrotoluene

R.T.: 8.677 min
Delta R.T.: 0.023 min
Response: 1666058
Conc: 196.57 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW03A-1014MS

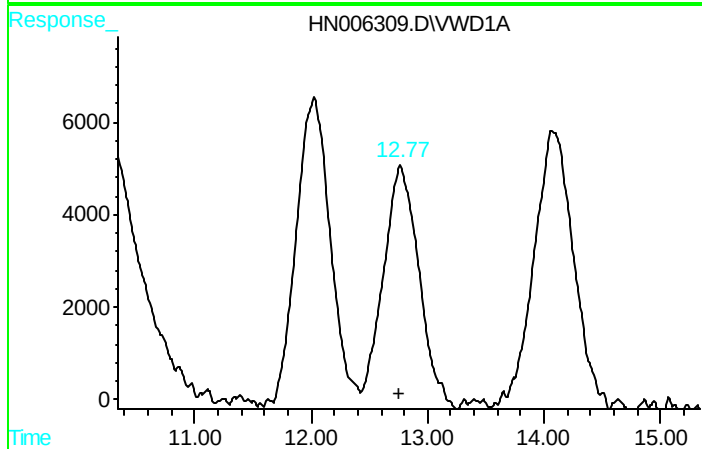
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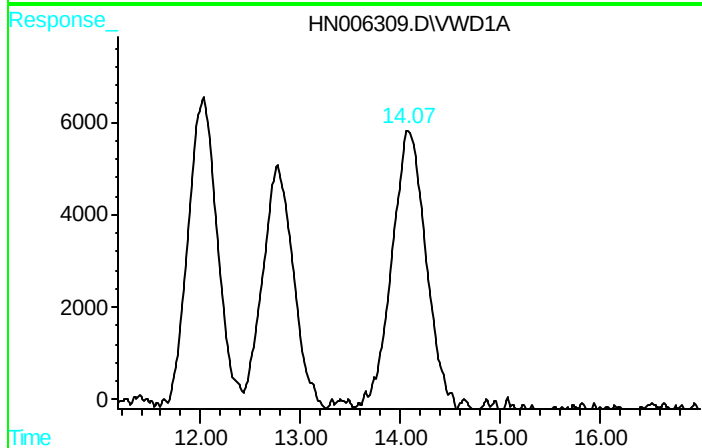
#14 2-Nitrotoluene

R.T.: 12.025 min
Delta R.T.: 0.036 min
Response: 1334488
Conc: 199.26 ug/L m



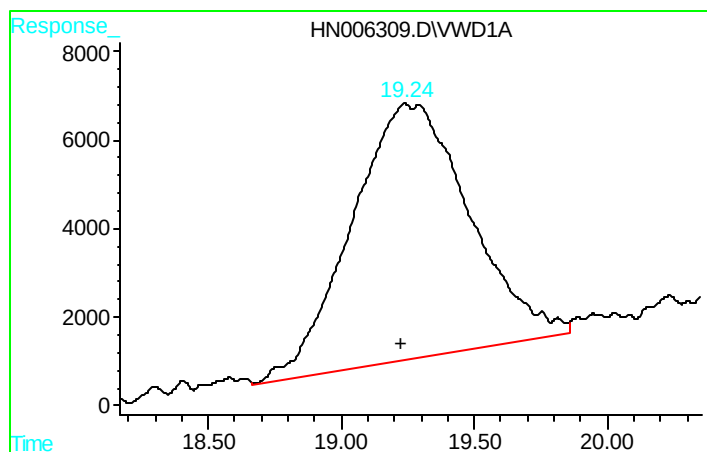
#15 4-Nitrotoluene

R.T.: 12.765 min
Delta R.T.: 0.019 min
Response: 1111295
Conc: 203.01 ug/L m



#16 3-Nitrotoluene

R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 1437050
Conc: 206.42 ug/L m



#17 PETN

R.T.: 19.238 min
Delta R.T.: 0.015 min
Response: 1769561
Conc: 215.00 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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