

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052813\HL005301.D Vial: 7
 Acq On : 28-May-2013, 20:44 Operator: QM
 Sample : LOQ-W-200PPB Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 31 11:03 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 LOQ-W-200PPB

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 10:06:03 2013
 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	1.36	1207258	304.082 ug/L
Target Compounds			
2) T HMX	0.91	1259892	277.762 ug/L
3) T RDX	1.77	1080878	204.002 ug/L
4) T 1,3,5-Trinitrobenzene	2.77	2265242	209.394 ug/L
5) T 1,3-Dinitrobenzene	3.70	3579344	231.853 ng/ml
6) T 3,5-Dinitroaniline	4.08	2895755	214.032 ug/L
7) T Nitrobenzene	4.99	2392373	233.543 ug/L
8) T Tetryl	6.68	1306092	194.079 ug/L
9) T 2,4,6-Trinitrotoluene	6.91	2448398	217.473 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.47	2250032	209.999 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.88	1391489	249.535 ug/L
12) T 2,4-Dinitrotoluene	8.64	3116030	205.866 ug/L
13) T 2,6-Dinitrotoluene	9.09	1753567	215.631 ug/L
14) T 2-Nitrotoluene	12.50	1471183	207.406 ug/L
15) T 4-Nitrotoluene	13.32	1155149	206.511 ug/L
17) T PETN	20.54	4004921	467.079 ug/L

 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.

HL005301.D HL052213.M

Fri May 31 11:03:15 2013

RPT1

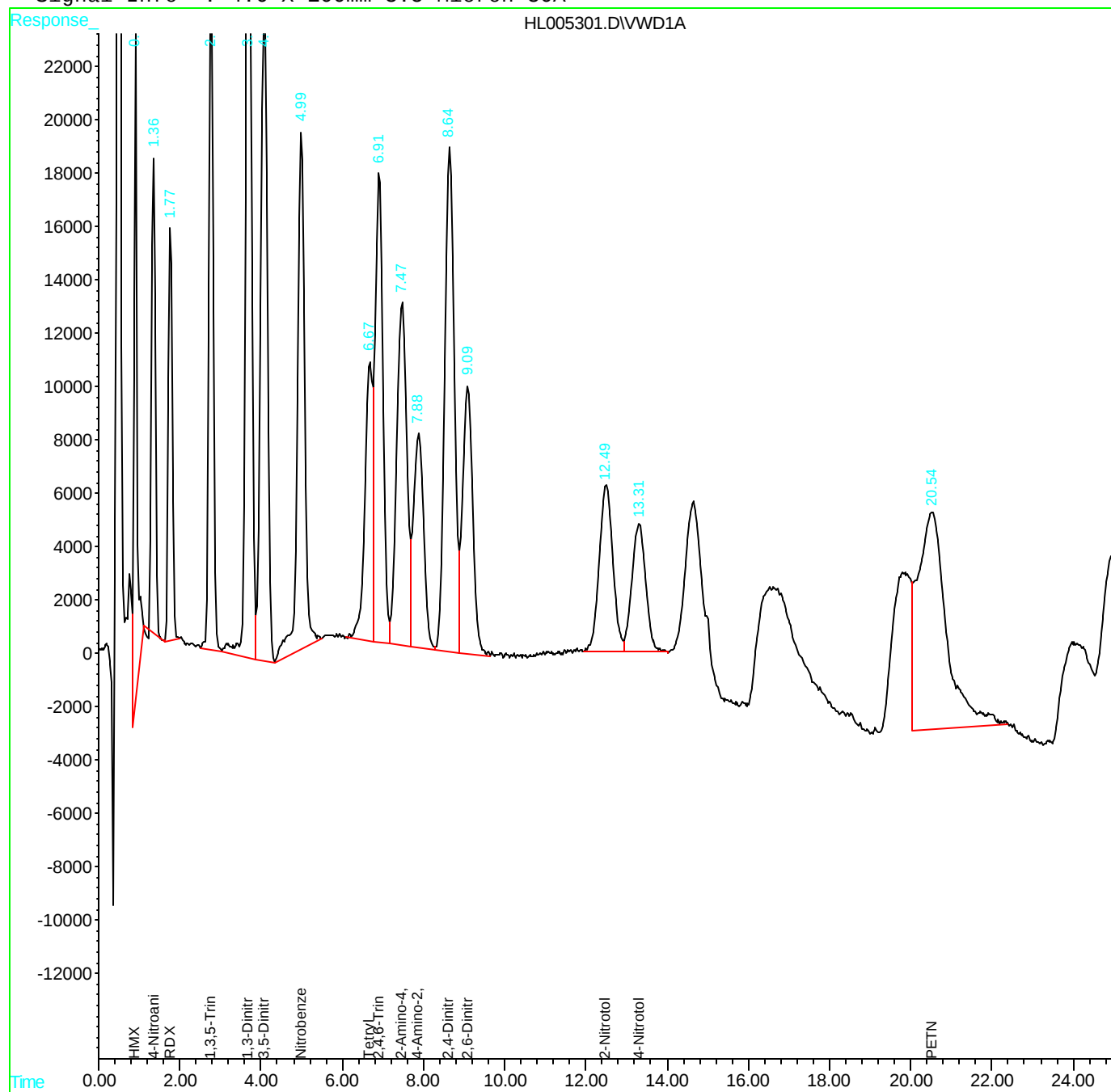
Quantitation Report

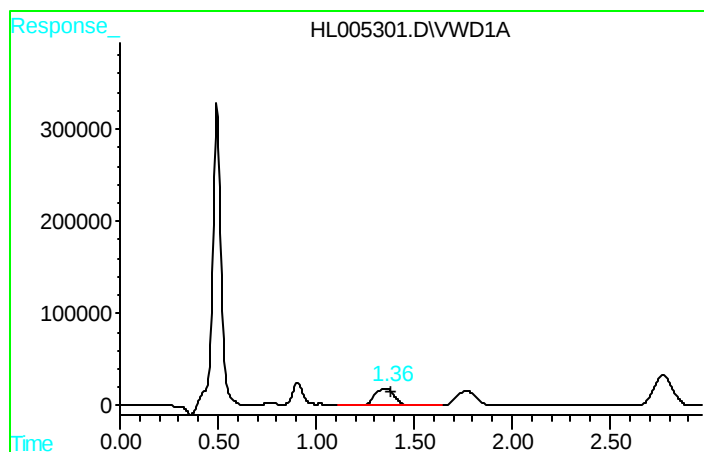
Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052813\HL005301.D Vial: 7
Acq On : 28-May-2013, 20:44 Operator: QM
Sample : LOQ-W-200PPB Inst : G1314A
Misc : Multiplr: 1.00
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Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Title :
Last Update : Thu May 23 10:06:03 2013
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

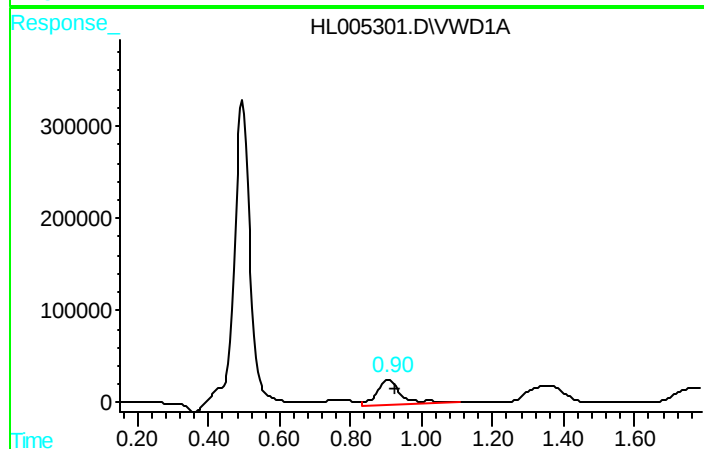




#1 4-Nitroaniline

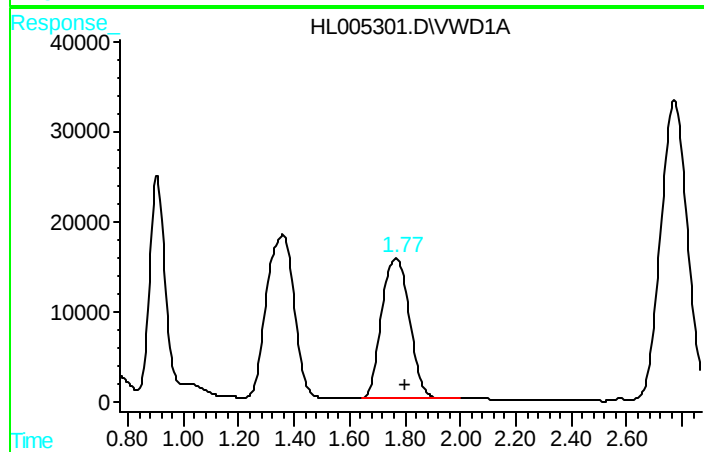
R.T.: 1.355 min
Delta R.T.: -0.027 min
Response: 1207258
Conc: 304.08 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB



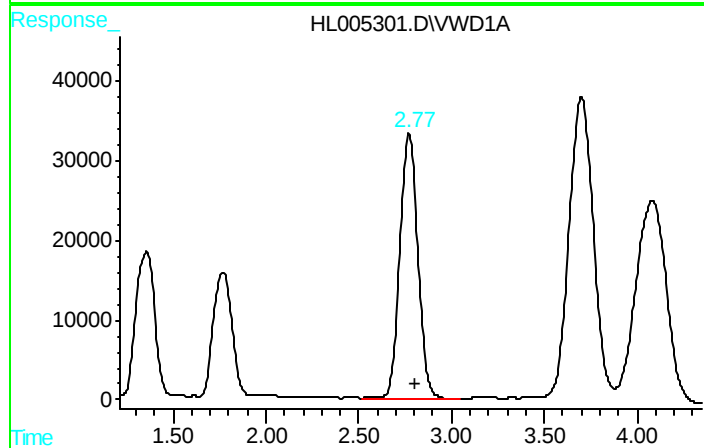
#2 HMX

R.T.: 0.907 min
Delta R.T.: -0.019 min
Response: 1259892
Conc: 277.76 ug/L



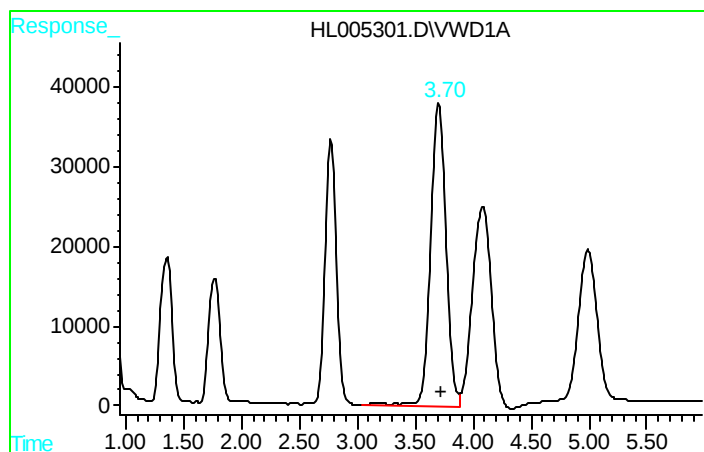
#3 RDX

R.T.: 1.768 min
Delta R.T.: -0.035 min
Response: 1080878
Conc: 204.00 ug/L



#4 1,3,5-Trinitrobenzene

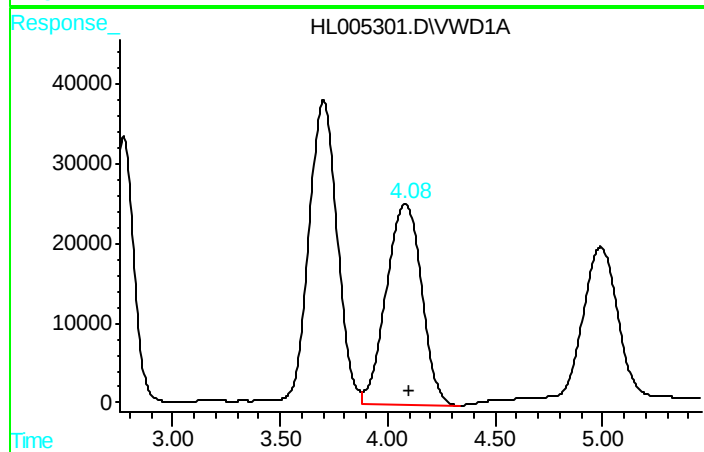
R.T.: 2.772 min
Delta R.T.: -0.033 min
Response: 2265242
Conc: 209.39 ug/L



#5 1,3-Dinitrobenzene

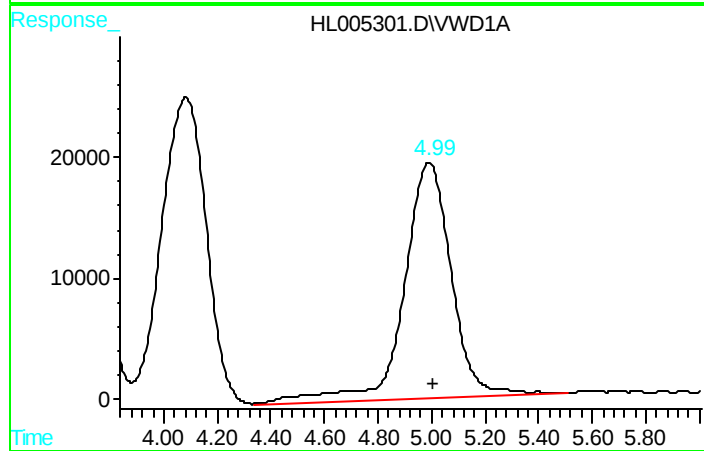
R.T.: 3.702 min
Delta R.T.: -0.026 min
Response: 3579344
Conc: 231.85 ng/ml

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB



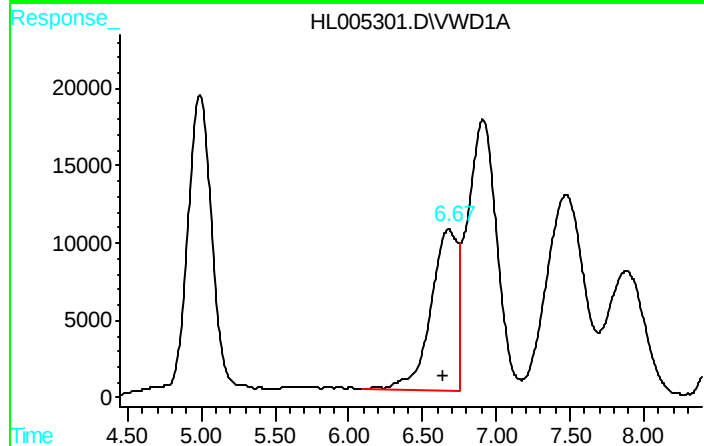
#6 3,5-Dinitroaniline

R.T.: 4.082 min
Delta R.T.: -0.020 min
Response: 2895755
Conc: 214.03 ug/L



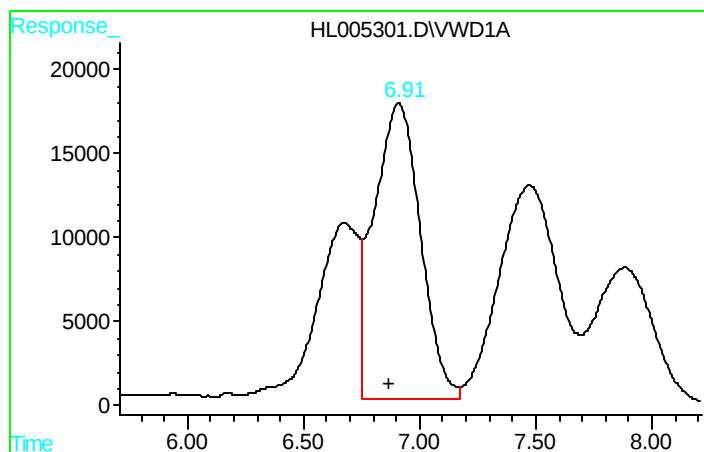
#7 Nitrobenzene

R.T.: 4.991 min
Delta R.T.: -0.012 min
Response: 2392373
Conc: 233.54 ug/L



#8 Tetryl

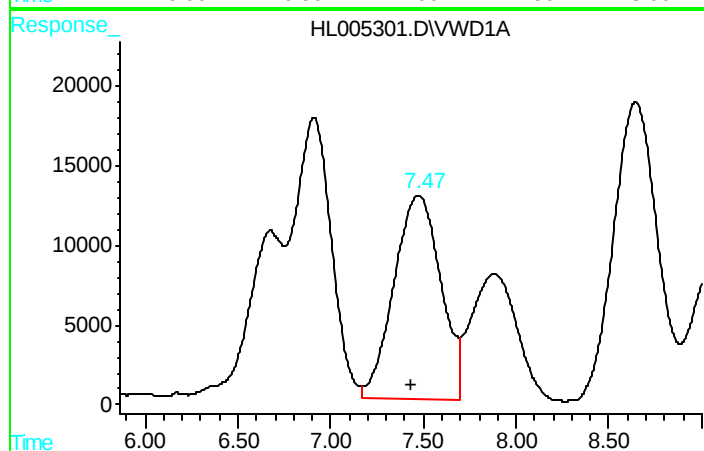
R.T.: 6.677 min
Delta R.T.: 0.036 min
Response: 1306092
Conc: 194.08 ug/L



#9 2,4,6-Trinitrotoluene

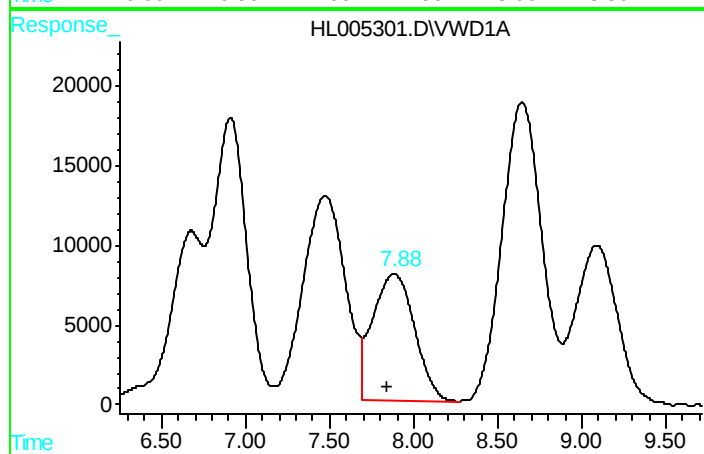
R.T.: 6.910 min
Delta R.T.: 0.040 min
Response: 2448398
Conc: 217.47 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB



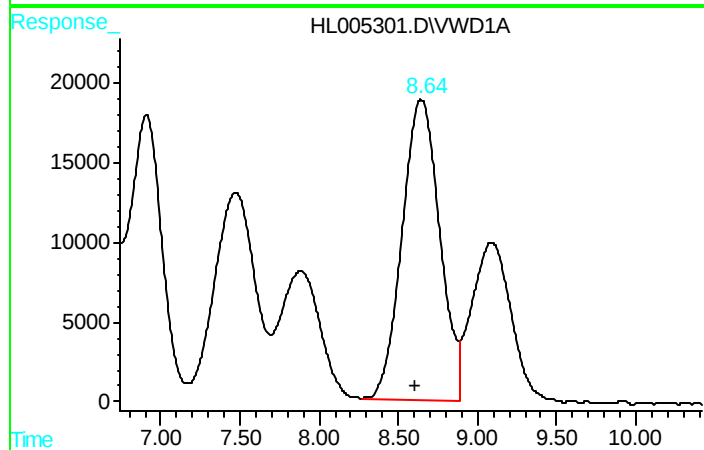
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.474 min
Delta R.T.: 0.042 min
Response: 2250032
Conc: 210.00 ug/L



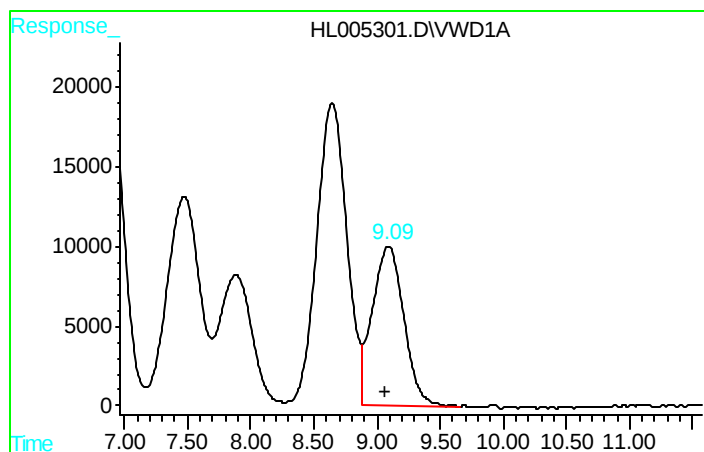
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.883 min
Delta R.T.: 0.038 min
Response: 1391489
Conc: 249.53 ug/L



#12 2,4-Dinitrotoluene

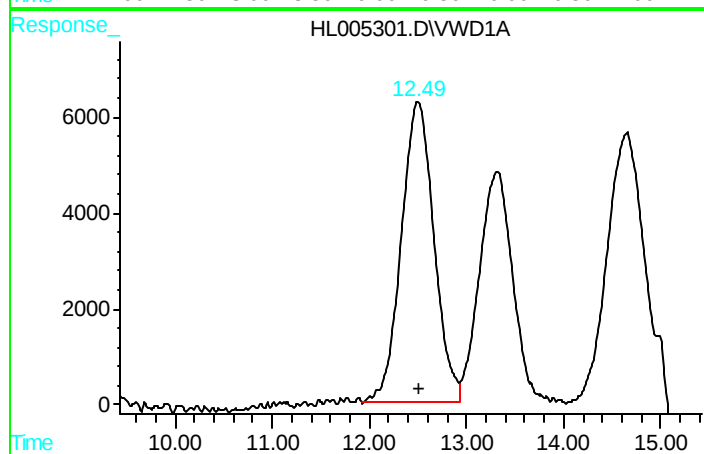
R.T.: 8.645 min
Delta R.T.: 0.034 min
Response: 3116030
Conc: 205.87 ug/L



#13 2,6-Dinitrotoluene

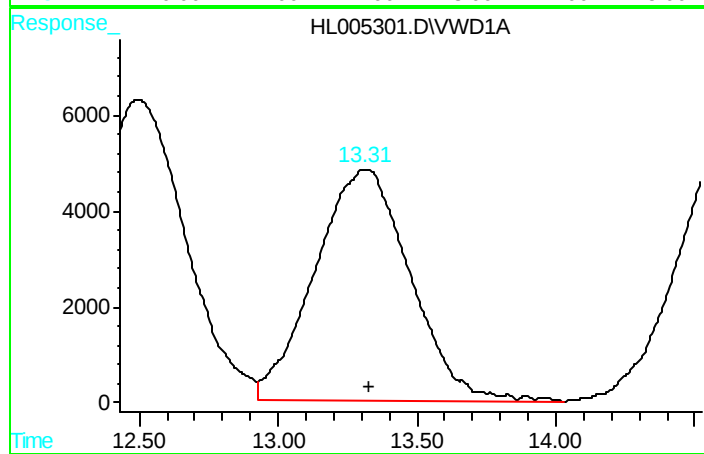
R.T.: 9.090 min
Delta R.T.: 0.034 min
Response: 1753567
Conc: 215.63 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB



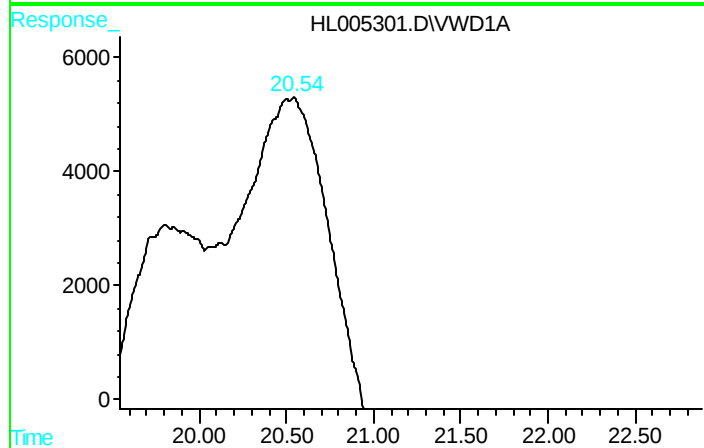
#14 2-Nitrotoluene

R.T.: 12.498 min
Delta R.T.: -0.021 min
Response: 1471183
Conc: 207.41 ug/L



#15 4-Nitrotoluene

R.T.: 13.316 min
Delta R.T.: -0.010 min
Response: 1155149
Conc: 206.51 ug/L



#17 PETN

R.T.: 20.537 min
Delta R.T.: 0.054 min
Response: 4004921
Conc: 467.08 ug/L