

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005463.D Vial: 2
 Acq On : 02-Jul-2013, 15:03 Operator: QM
 Sample : HSTDICC2000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:21 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:35 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:20:26 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	1.30	7975520	2008.860 ug/L
Target Compounds			
2) T HMX	0.87	8349469	1840.765 ug/L
3) T RDX	1.71	10203983	1925.867 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	21874227	2022.003 ug/L
5) T 1,3-Dinitrobenzene	3.53	30723365	1990.113 ng/ml
6) T 3,5-Dinitroaniline	3.92	26114580	1930.189 ug/L
7) T Nitrobenzene	4.75	19920387	1944.623 ug/L
8) T Tetryl	6.38	14246904	2117.024 ug/L m
9) T 2,4,6-Trinitrotoluene	6.50	24197404	2149.279 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.12	22640673	2113.090 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.48	11300088	2026.438 ug/L
12) T 2,4-Dinitrotoluene	8.19	29738994	1964.760 ug/L
13) T 2,6-Dinitrotoluene	8.60	15804795	1943.471 ug/L
14) T 2-Nitrotoluene	11.83	13059388	1841.103 ug/L
15) T 4-Nitrotoluene	12.58	10547038	1885.535 ug/L
16) T 3-Nitrotoluene	13.86	13451302	2028.911 ug/L
17) T PETN	19.50	16400671	1442.522 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.

HL005463.D HL070213.M

Fri Jul 05 23:49:20 2013

RPT1

Quantitation Report

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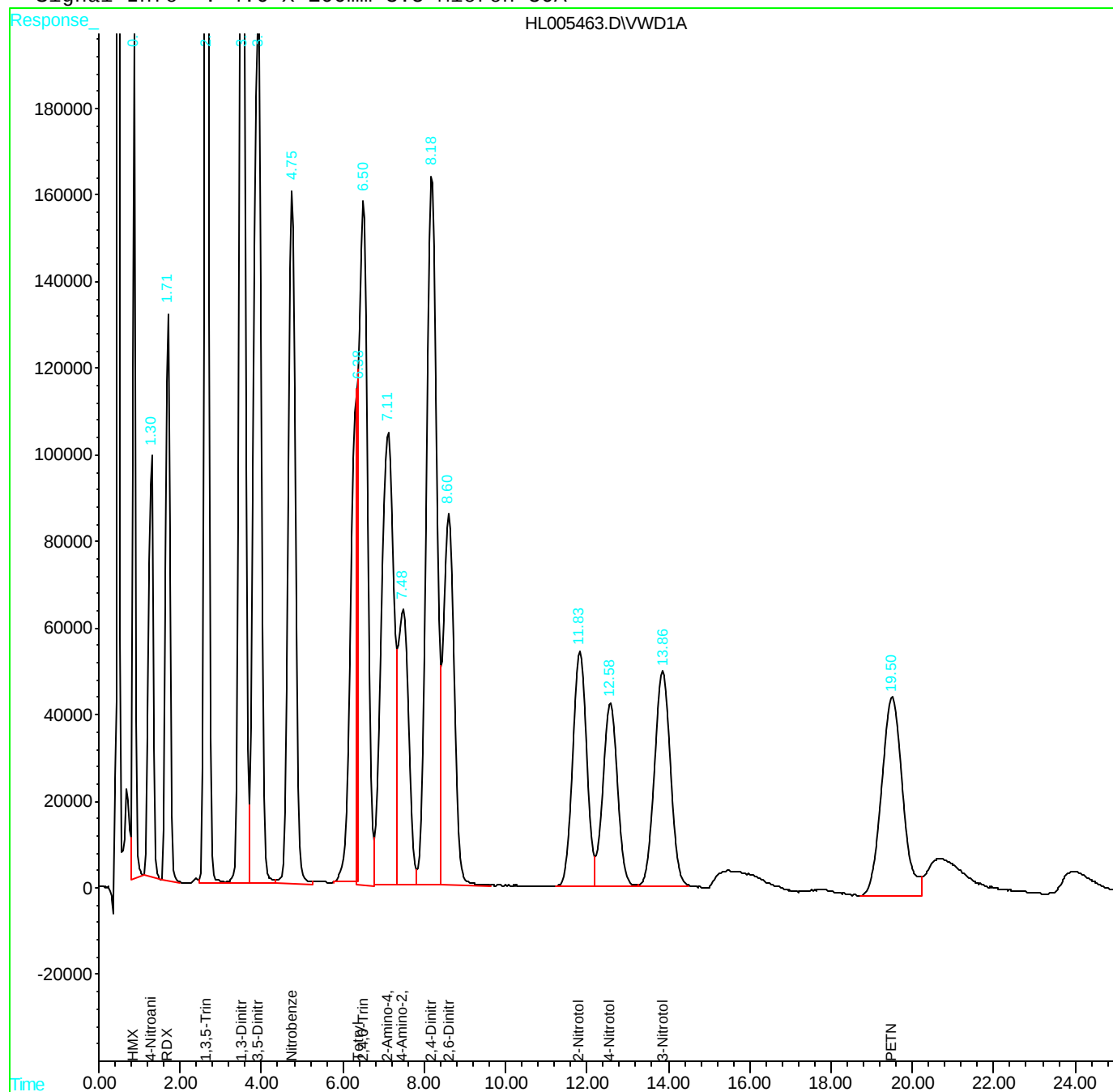
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

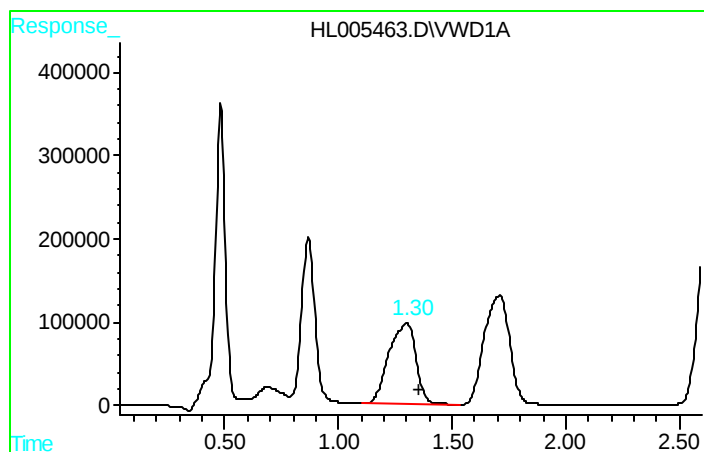
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 Last Update : Tue Jul 02 16:20:26 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





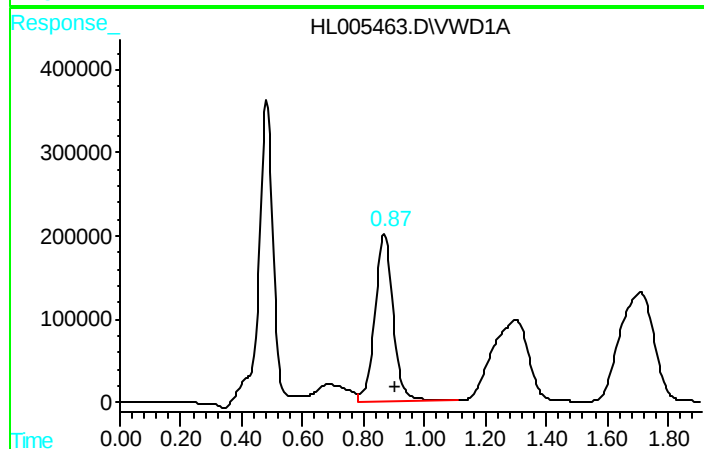
#1 4-Nitroaniline

R.T.: 1.297 min
Delta R.T.: -0.055 min
Response: 7975520
Conc: 2008.86 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

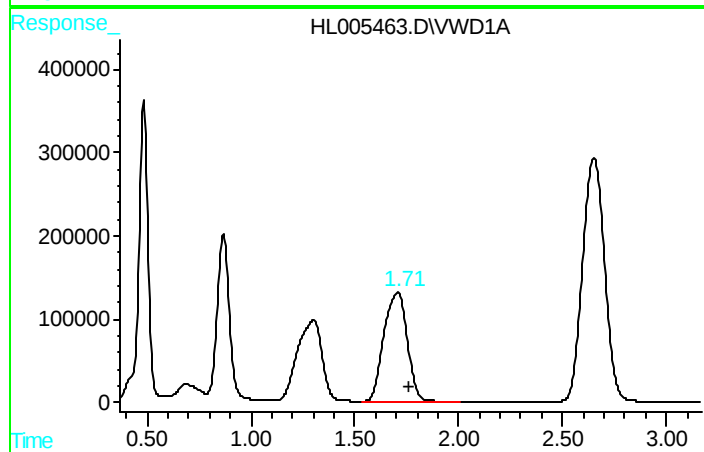
Manual Integrations
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7/6/2013 12:44:35 AM



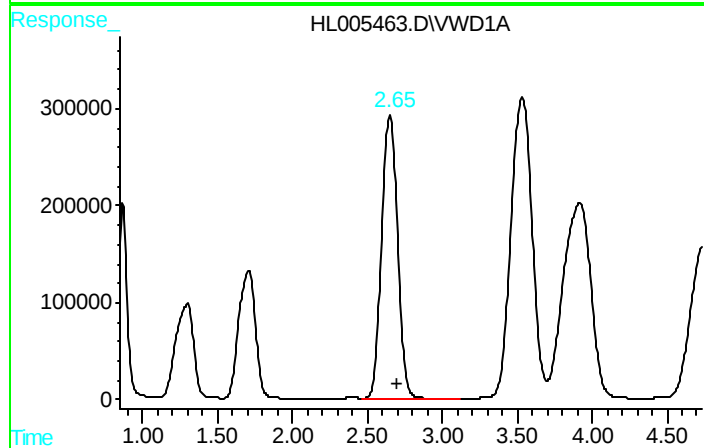
#2 HMX

R.T.: 0.869 min
Delta R.T.: -0.034 min
Response: 8349469
Conc: 1840.76 ug/L



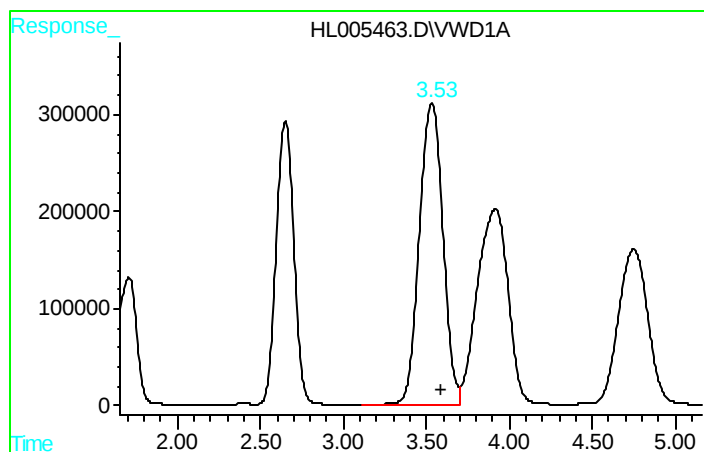
#3 RDX

R.T.: 1.707 min
Delta R.T.: -0.055 min
Response: 10203983
Conc: 1925.87 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.651 min
Delta R.T.: -0.043 min
Response: 21874227
Conc: 2022.00 ug/L



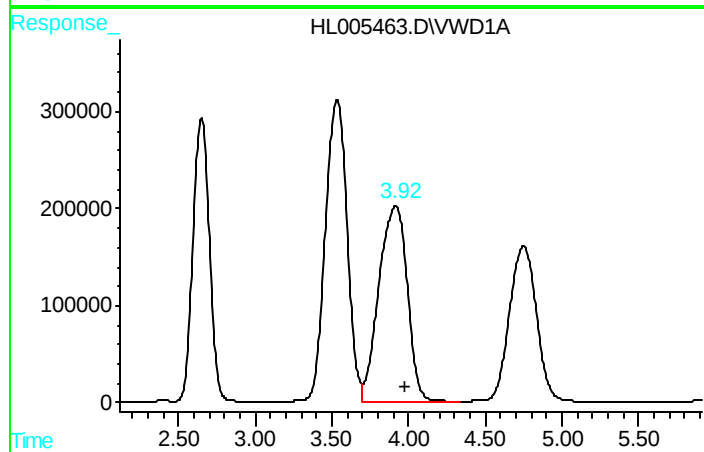
#5 1,3-Dinitrobenzene

R.T.: 3.534 min
Delta R.T.: -0.049 min
Response: 30723365
Conc: 1990.11 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

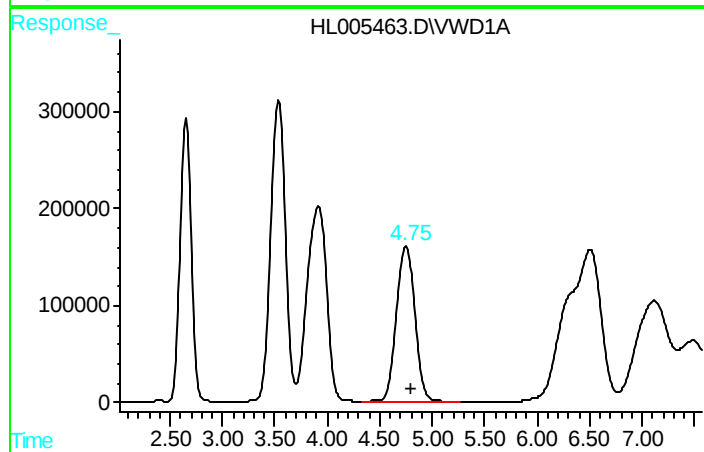
Manual Integrations
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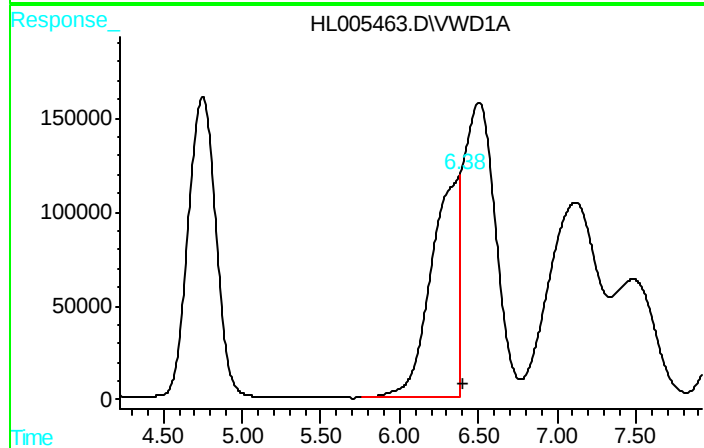
#6 3,5-Dinitroaniline

R.T.: 3.916 min
Delta R.T.: -0.066 min
Response: 26114580
Conc: 1930.19 ug/L



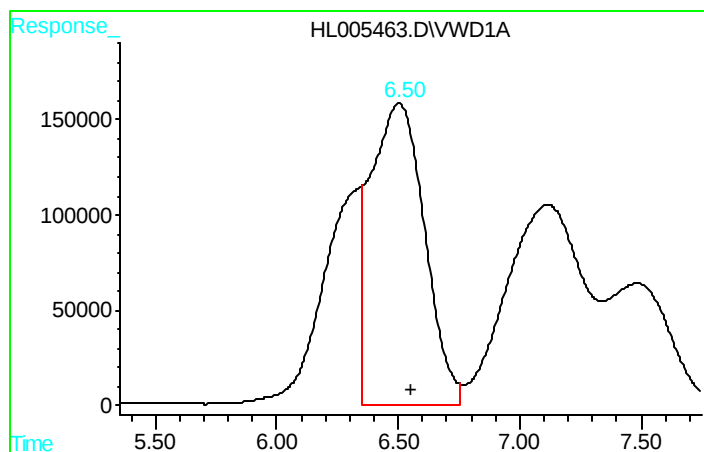
#7 Nitrobenzene

R.T.: 4.750 min
Delta R.T.: -0.053 min
Response: 19920387
Conc: 1944.62 ug/L



#8 Tetryl

R.T.: 6.378 min
Delta R.T.: -0.019 min
Response: 14246904
Conc: 2117.02 ug/L m



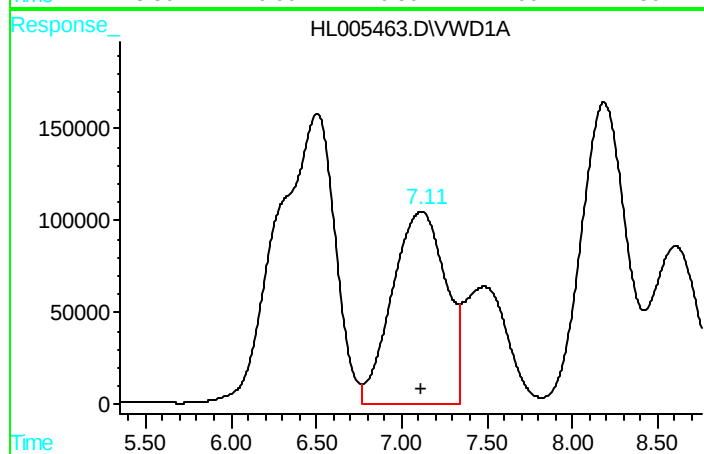
#9 2,4,6-Trinitrotoluene

R.T.: 6.503 min
Delta R.T.: -0.049 min
Response: 24197404
Conc: 2149.28 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

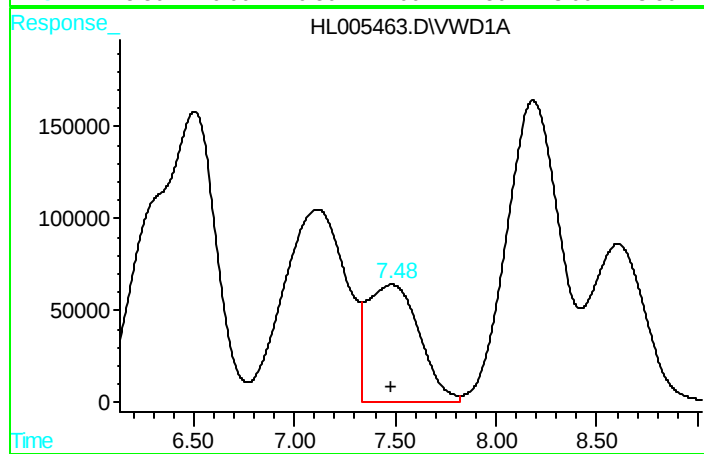
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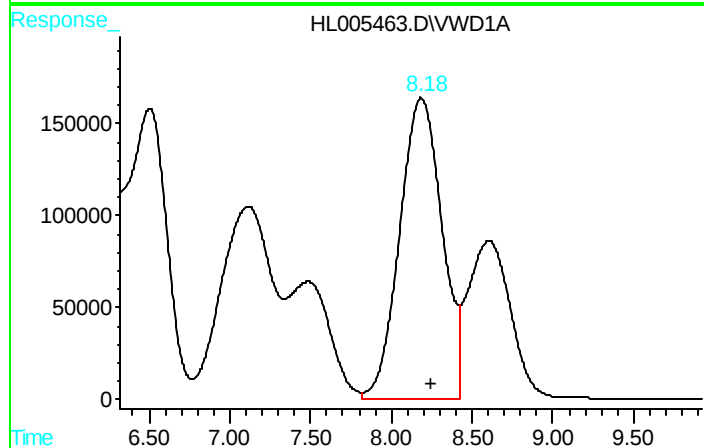
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.116 min
Delta R.T.: 0.006 min
Response: 22640673
Conc: 2113.09 ug/L



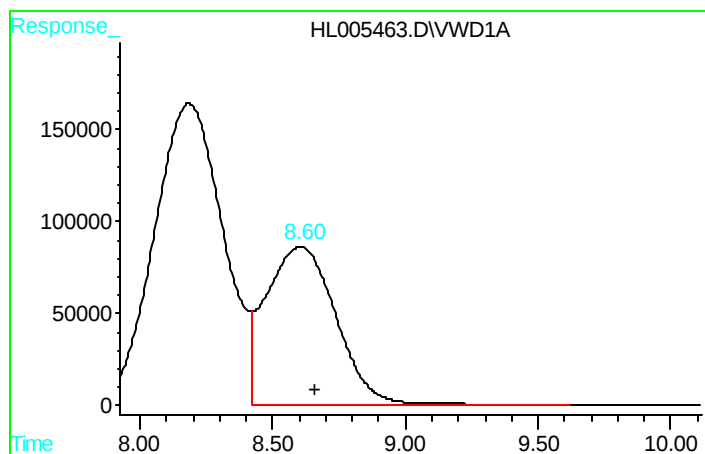
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 11300088
Conc: 2026.44 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.186 min
Delta R.T.: -0.065 min
Response: 29738994
Conc: 1964.76 ug/L



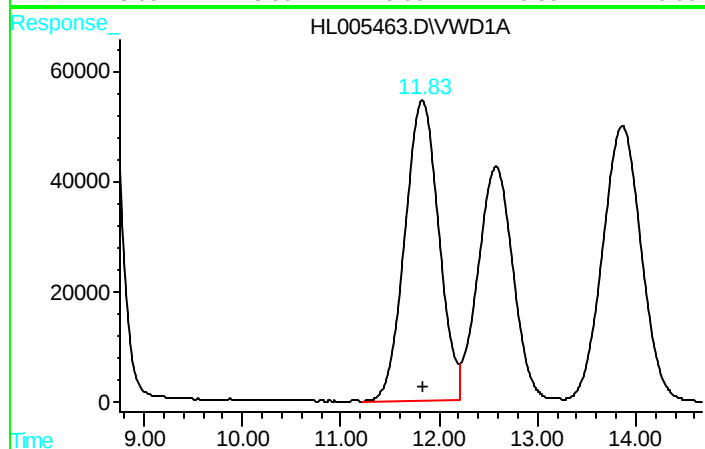
#13 2,6-Dinitrotoluene

R.T.: 8.605 min
Delta R.T.: -0.056 min
Response: 15804795
Conc: 1943.47 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

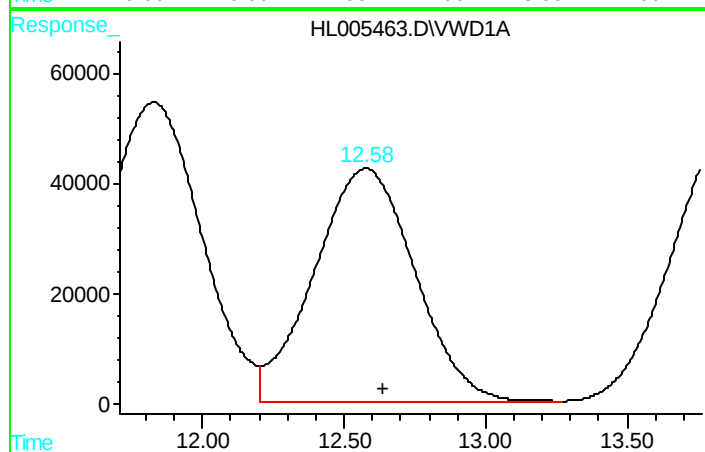
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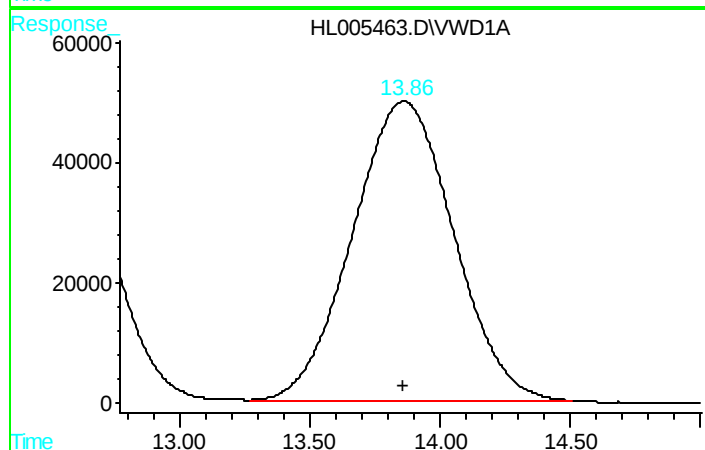
#14 2-Nitrotoluene

R.T.: 11.828 min
Delta R.T.: -0.002 min
Response: 13059388
Conc: 1841.10 ug/L



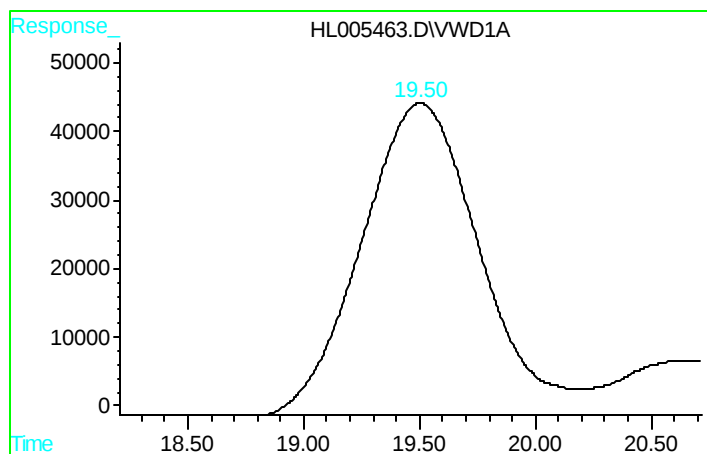
#15 4-Nitrotoluene

R.T.: 12.578 min
Delta R.T.: -0.059 min
Response: 10547038
Conc: 1885.54 ug/L



#16 3-Nitrotoluene

R.T.: 13.861 min
Delta R.T.: 0.000 min
Response: 13451302
Conc: 2028.91 ug/L



#17 PETN

R.T.: 19.504 min
Delta R.T.: -0.005 min
Response: 16400671
Conc: 1442.52 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC2000

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