

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005466.D Vial: 5
 Acq On : 02-Jul-2013, 16:25 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:32 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:41 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:29:44 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	1.33	410989	103.519 ug/L
Target Compounds			
2) T HMX	0.90	409659	90.315 ug/L
3) T RDX	1.73	507545	95.793 ug/L
4) T 1,3,5-Trinitrobenzene	2.68	1169913	108.144 ug/L
5) T 1,3-Dinitrobenzene	3.58	1704644	110.419 ng/ml
6) T 3,5-Dinitroaniline	3.96	1343849	99.327 ug/L
7) T Nitrobenzene	4.80	1092381	106.638 ug/L
8) T Tetryl	6.35	654305	97.227 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	1189873	105.688 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.17	1112118	103.796 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.55	646199	115.882 ug/L
12) T 2,4-Dinitrotoluene	8.26	1547201	102.219 ug/L
13) T 2,6-Dinitrotoluene	8.68	863272	106.154 ug/L
14) T 2-Nitrotoluene	11.95	674994	95.160 ug/L
15) T 4-Nitrotoluene	12.70	547027	97.794 ug/L
16) T 3-Nitrotoluene	13.97	684809	103.292 ug/L
17) T PETN	19.62	1376157	121.040 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.

Quantitation Report

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Sample : HSTDICC0100 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jul 2 16:32 2013 Quant Results File: HL070213.RES

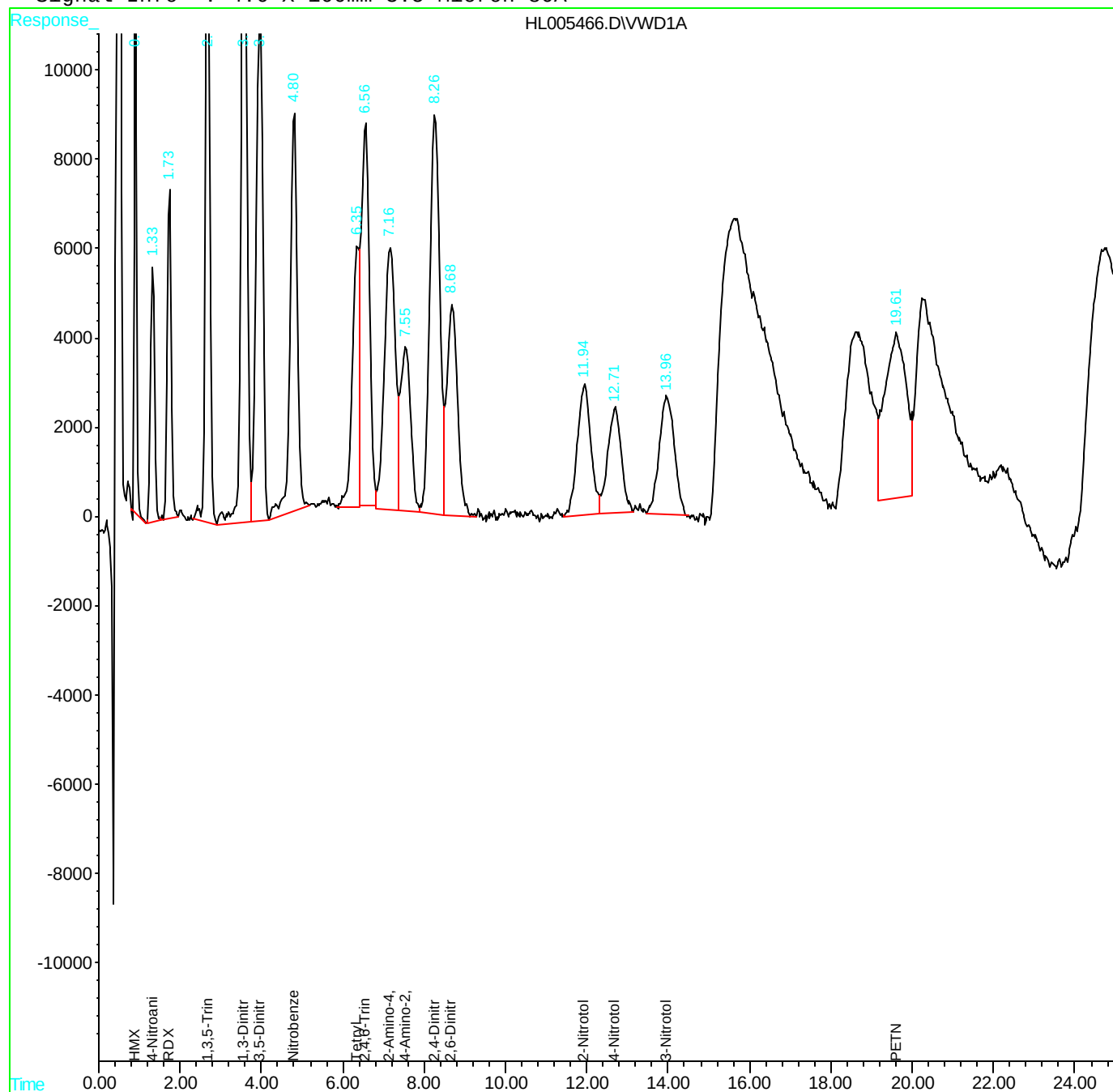
Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

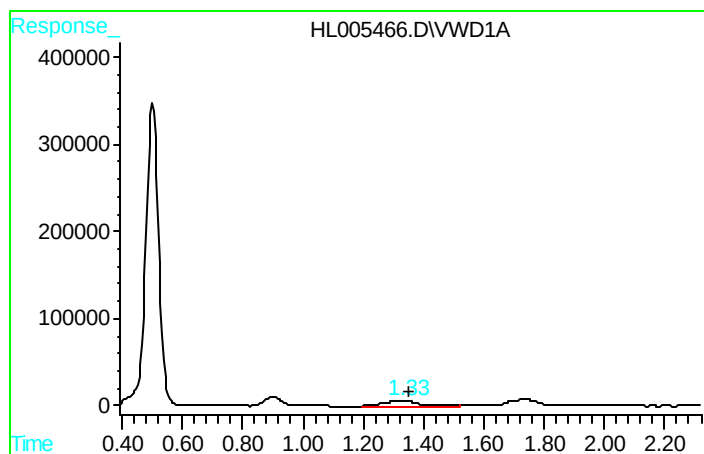
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7/6/2013 12:44:41 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
Title :
Last Update : Tue Jul 02 16:29:44 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





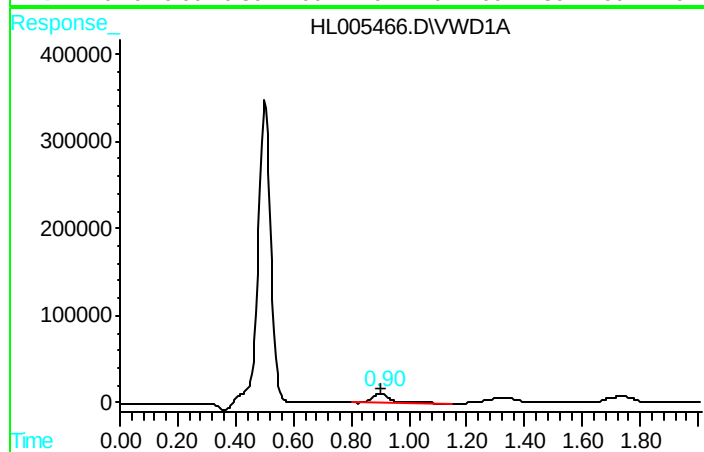
#1 4-Nitroaniline

R.T.: 1.330 min
 Delta R.T.: -0.022 min
 Response: 410989
 Conc: 103.52 ug/L

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

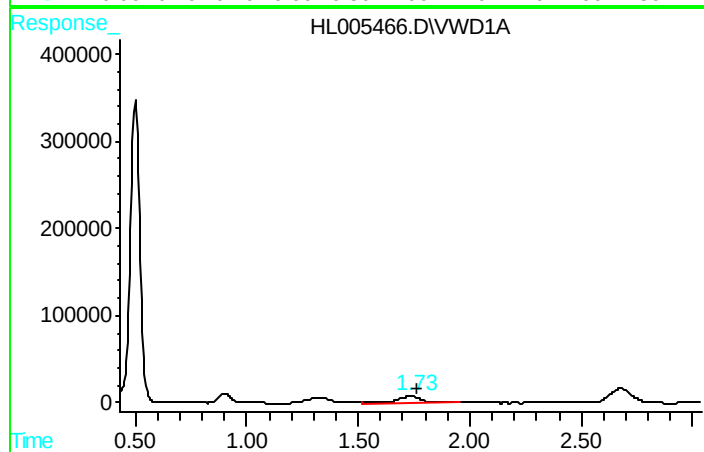
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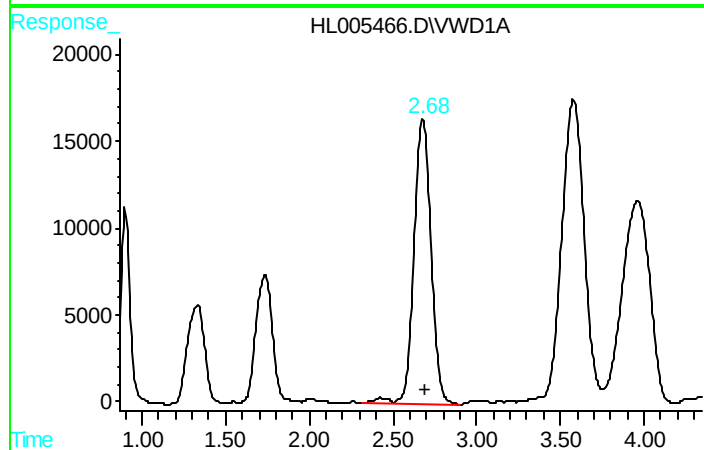
#2 HMX

R.T.: 0.901 min
 Delta R.T.: -0.001 min
 Response: 409659
 Conc: 90.32 ug/L



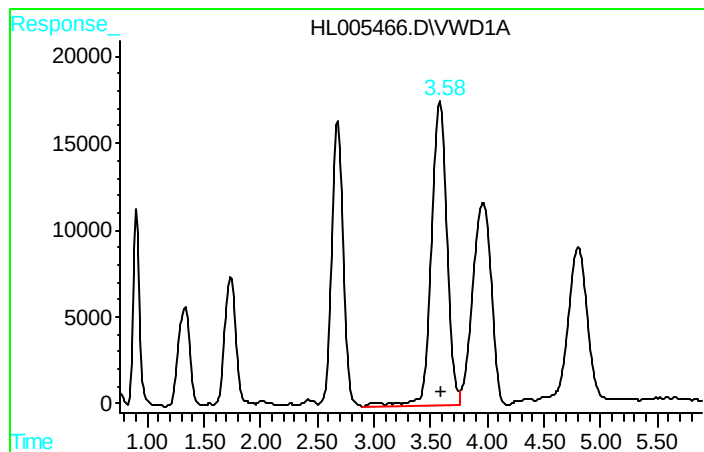
#3 RDX

R.T.: 1.734 min
 Delta R.T.: -0.027 min
 Response: 507545
 Conc: 95.79 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.678 min
 Delta R.T.: -0.017 min
 Response: 1169913
 Conc: 108.14 ug/L



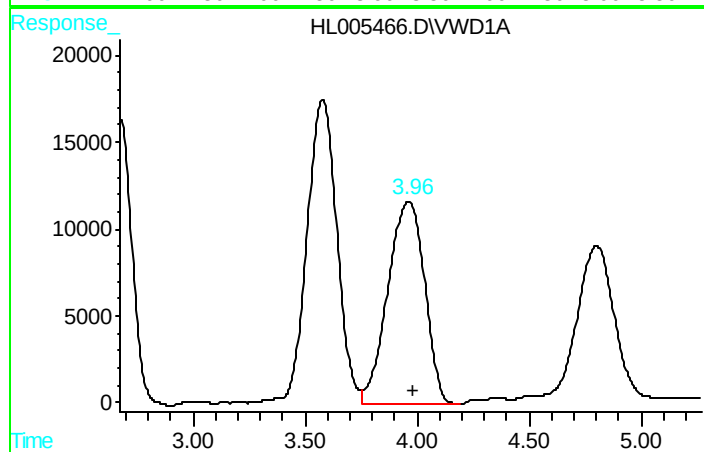
#5 1,3-Dinitrobenzene

R.T.: 3.578 min
Delta R.T.: -0.006 min
Response: 1704644
Conc: 110.42 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

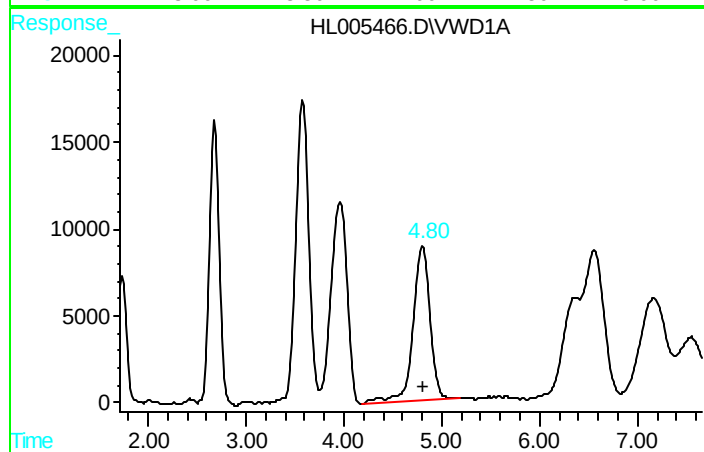
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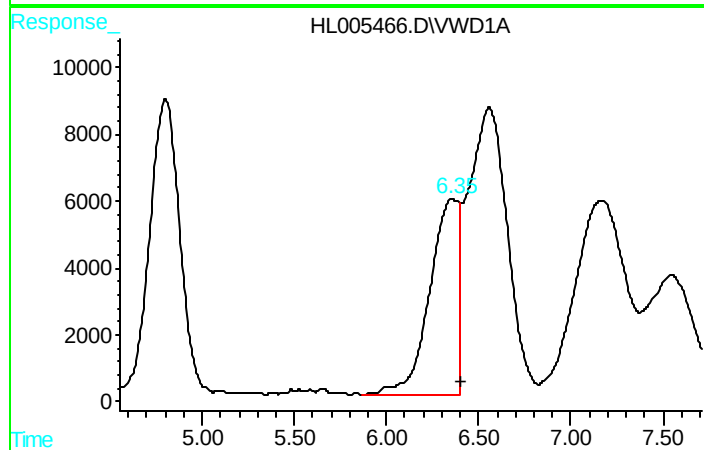
#6 3,5-Dinitroaniline

R.T.: 3.960 min
Delta R.T.: -0.022 min
Response: 1343849
Conc: 99.33 ug/L



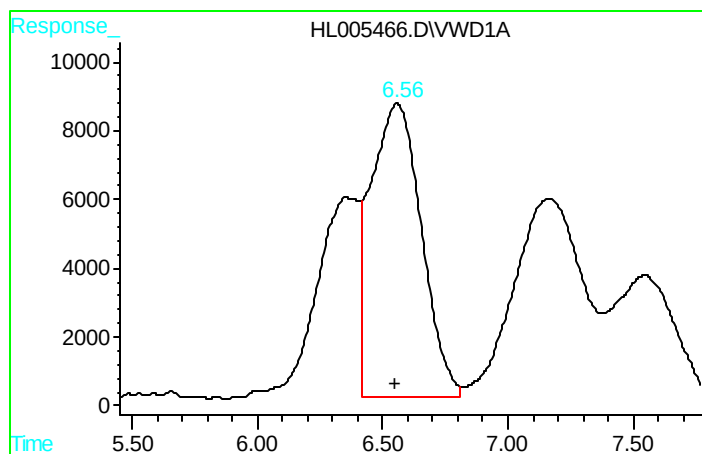
#7 Nitrobenzene

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 1092381
Conc: 106.64 ug/L



#8 Tetryl

R.T.: 6.350 min
Delta R.T.: -0.050 min
Response: 654305
Conc: 97.23 ug/L m



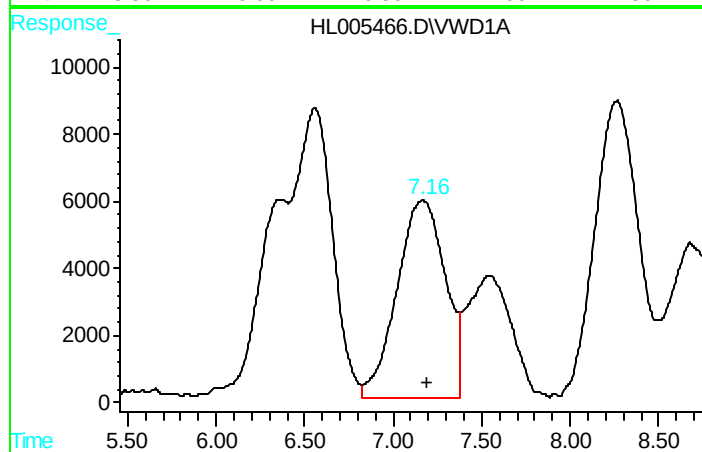
#9 2,4,6-Trinitrotoluene

R.T.: 6.556 min
Delta R.T.: 0.005 min
Response: 1189873
Conc: 105.69 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

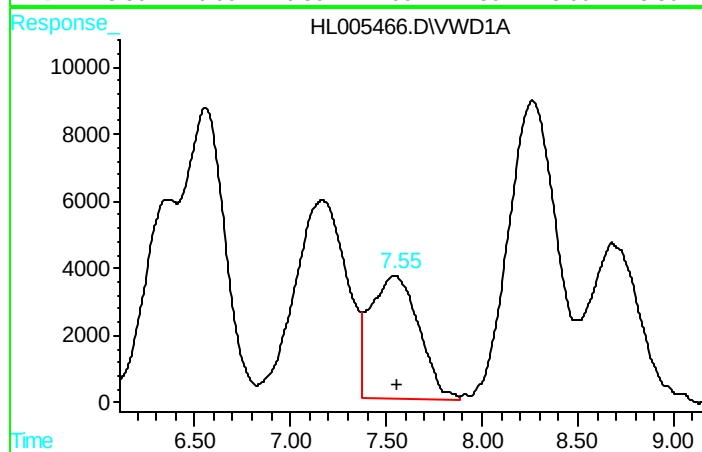
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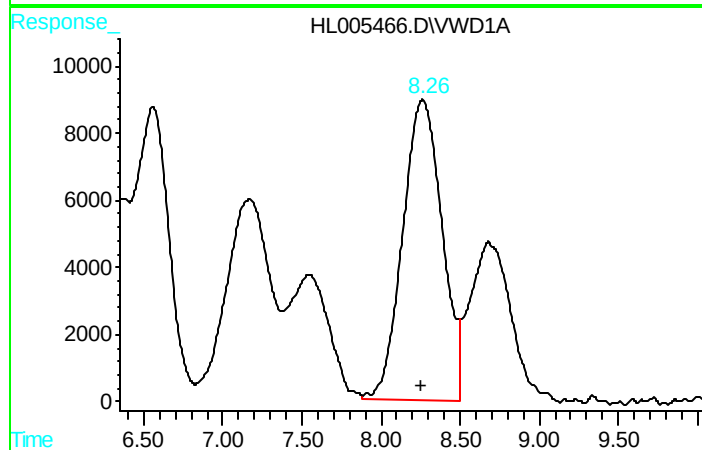
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.167 min
Delta R.T.: -0.023 min
Response: 1112118
Conc: 103.80 ug/L



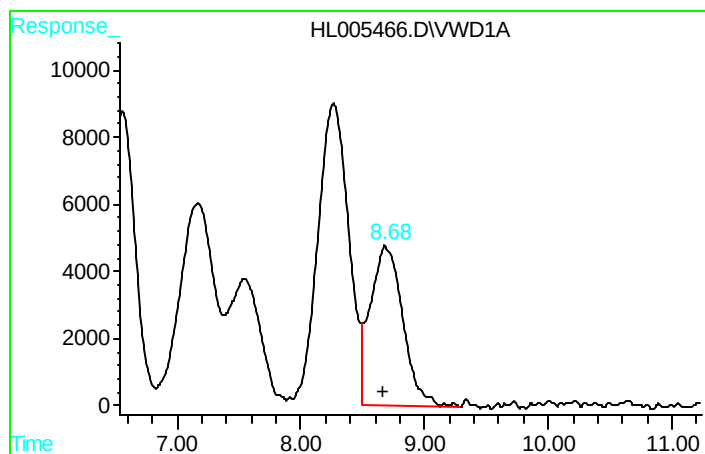
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 646199
Conc: 115.88 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.263 min
Delta R.T.: 0.013 min
Response: 1547201
Conc: 102.22 ug/L



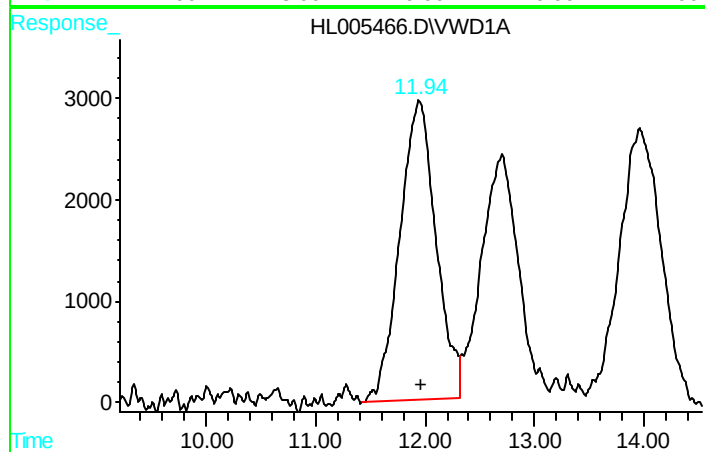
#13 2,6-Dinitrotoluene

R.T.: 8.682 min
Delta R.T.: 0.022 min
Response: 863272
Conc: 106.15 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC00100

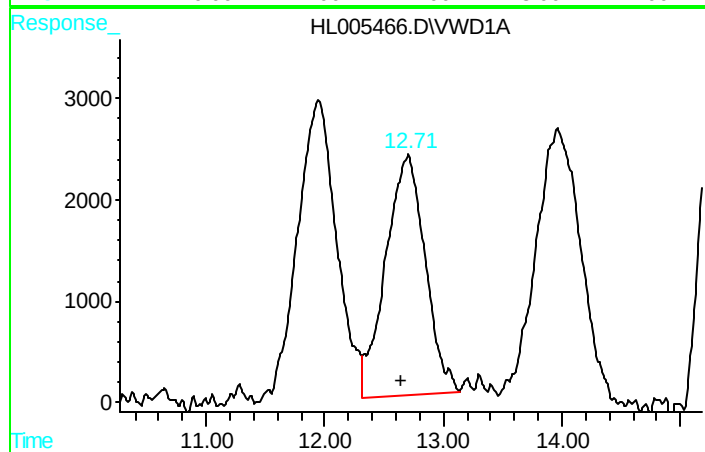
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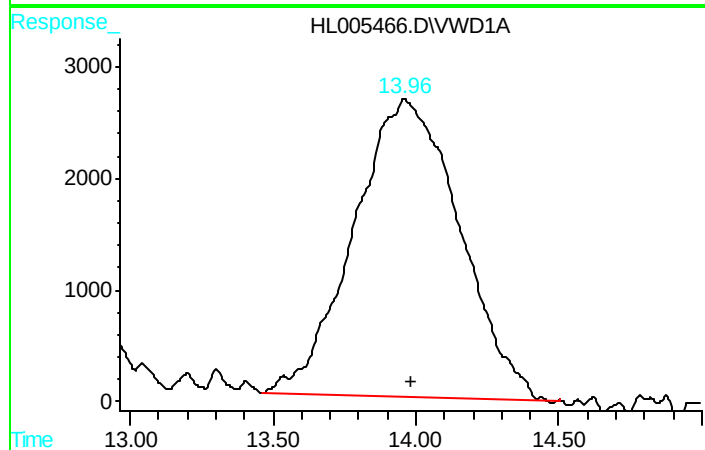
#14 2-Nitrotoluene

R.T.: 11.947 min
Delta R.T.: -0.013 min
Response: 674994
Conc: 95.16 ug/L



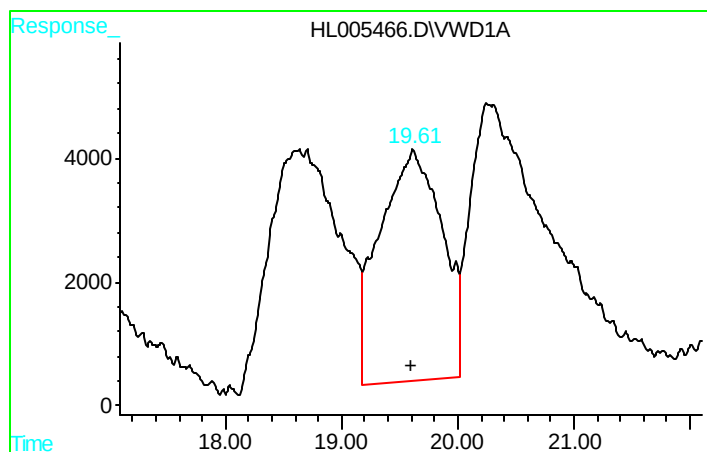
#15 4-Nitrotoluene

R.T.: 12.701 min
Delta R.T.: 0.064 min
Response: 547027
Conc: 97.79 ug/L



#16 3-Nitrotoluene

R.T.: 13.965 min
Delta R.T.: -0.015 min
Response: 684809
Conc: 103.29 ug/L



#17 PETN

R.T.: 19.616 min
Delta R.T.: 0.016 min
Response: 1376157
Conc: 121.04 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDIC00100

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