

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005606.D Vial: 7
 Acq On : 21-Oct-2013, 17:14 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:50 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL102113

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 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	1.67	2197411	558.090 ug/L
Target Compounds			
2) T HMX	1.09	2203063	489.195 ug/L
3) T RDX	2.16	2694737	501.177 ug/L
4) T 1,3,5-Trinitrobenzene	3.39	5918453	537.105 ug/L
5) T 1,3-Dinitrobenzene	4.54	9633915	536.205 ng/ml
6) T 3,5-Dinitroaniline	5.12	7363829	523.756 ug/L
7) T Nitrobenzene	6.12	6610478	618.848 ug/L
8) T Tetryl	8.97	9912485	1572.572 ug/L
9) T 2,4,6-Trinitrotoluene	8.97	9912485	855.547 ug/L
10) T 2-Amino-4,6-dinitrotoluene	9.91	6004420	567.078 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.60	3839924	623.395 ug/L
12) T 2,4-Dinitrotoluene	11.28	8468735	560.986 ug/L
13) T 2,6-Dinitrotoluene	11.95	4358042	611.044 ug/L
14) T 2-Nitrotoluene	16.32	13192675	732.307 ug/L
15) T 4-Nitrotoluene	17.44	12335586	995.262 ug/L
16) T 3-Nitrotoluene	19.19	17652311	937.554 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.

HL005606.D HL102113.M

Tue Oct 22 06:50:41 2013

RPT1

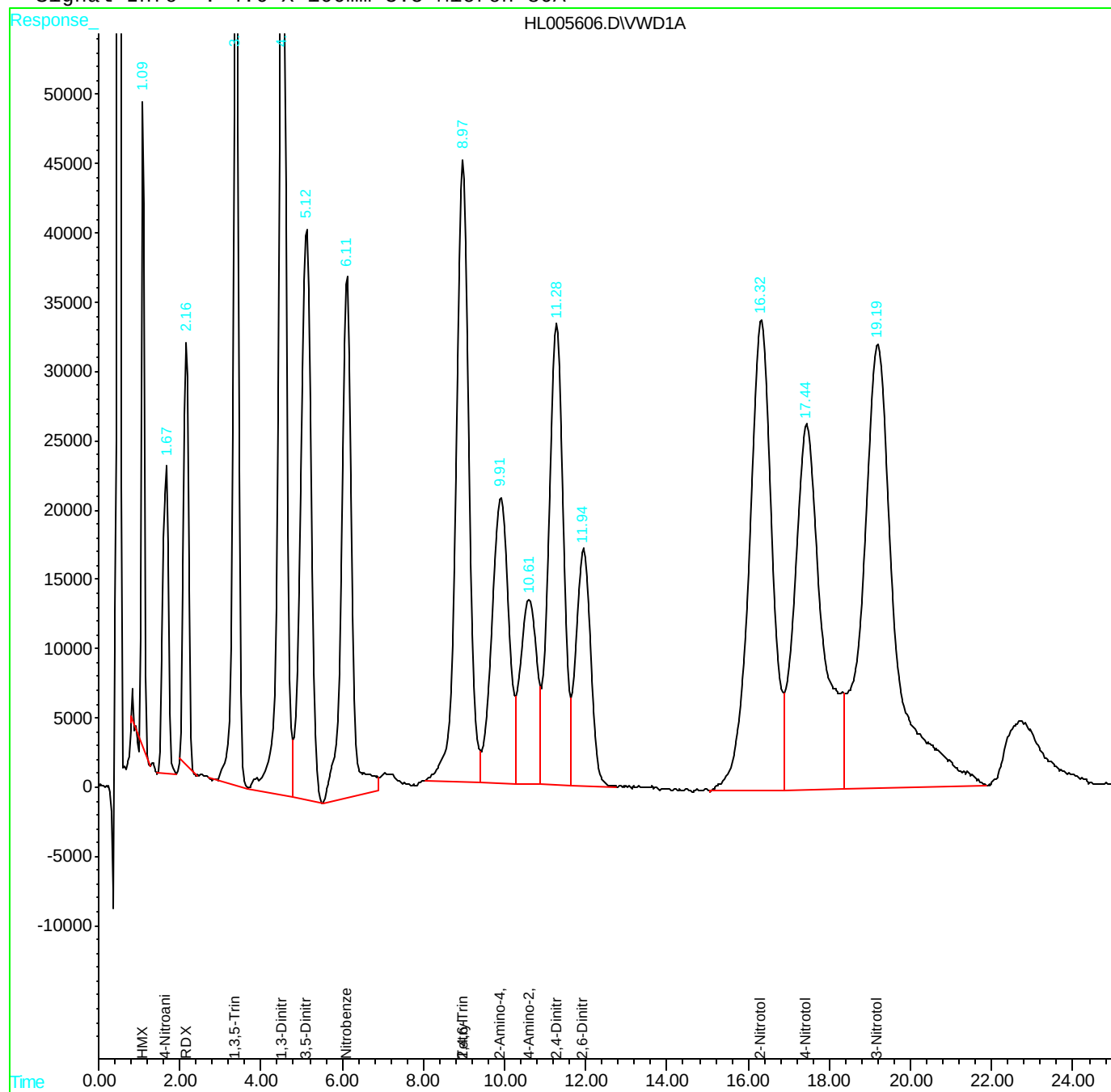
Quantitation Report

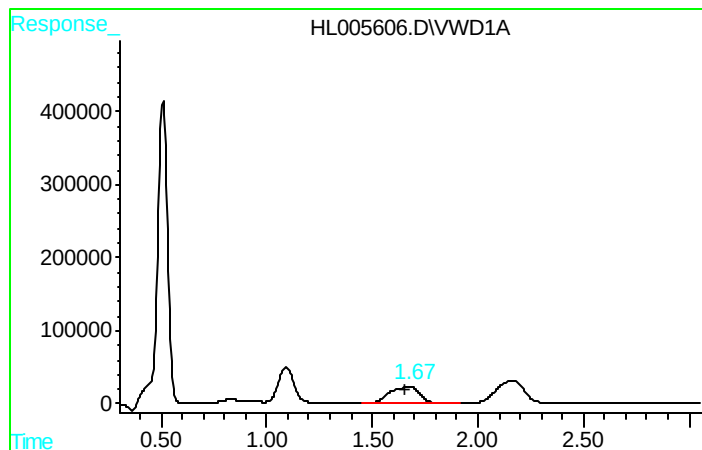
Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005606.D Vial: 7
Acq On : 21-Oct-2013, 17:14 Operator: QM
Sample : HSTDICV0500 Inst : G1314A
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IntFile : AUTOINT1.E
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Instrument :
HPLC_L
ClientSampleId :
ICVHL102113

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 06:43:54 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

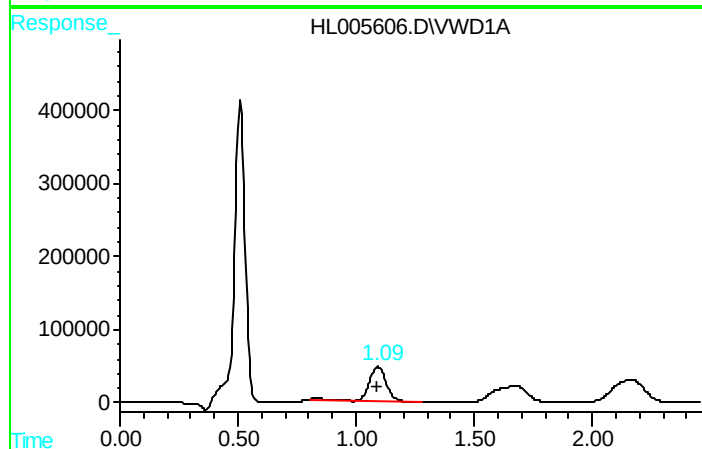




#1 4-Nitroaniline

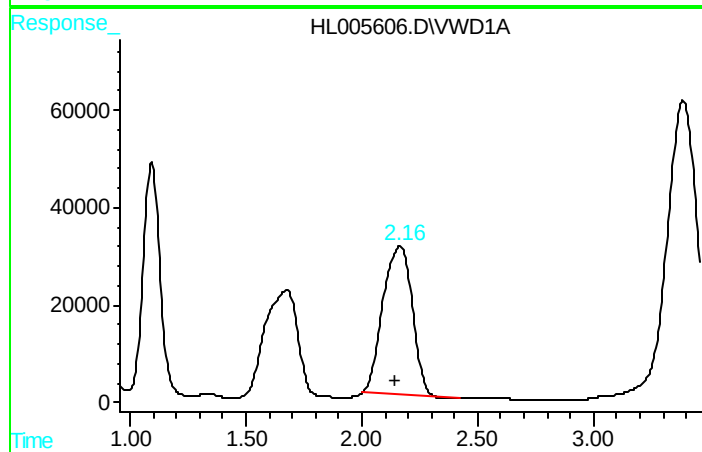
R.T.: 1.672 min
Delta R.T.: 0.013 min
Response: 2197411
Conc: 558.09 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113



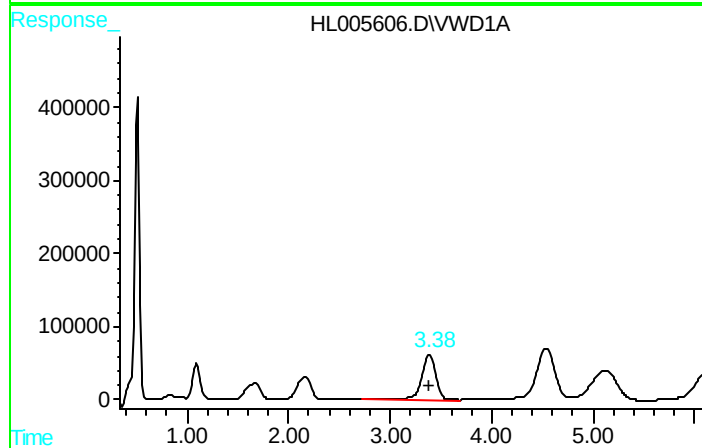
#2 HMX

R.T.: 1.093 min
Delta R.T.: 0.006 min
Response: 2203063
Conc: 489.19 ug/L



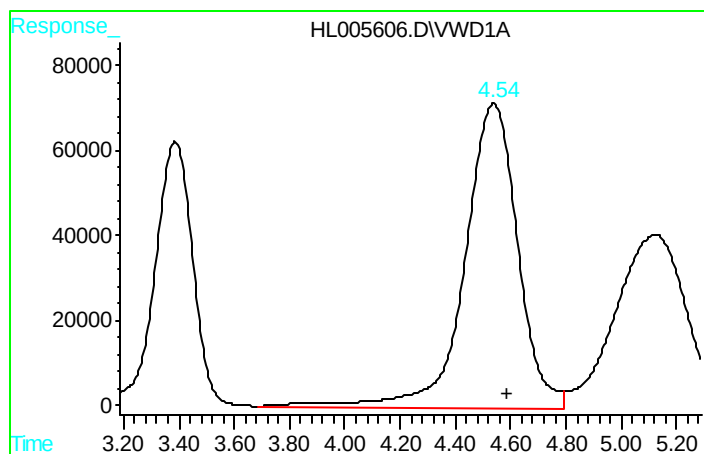
#3 RDX

R.T.: 2.162 min
Delta R.T.: 0.018 min
Response: 2694737
Conc: 501.18 ug/L



#4 1,3,5-Trinitrobenzene

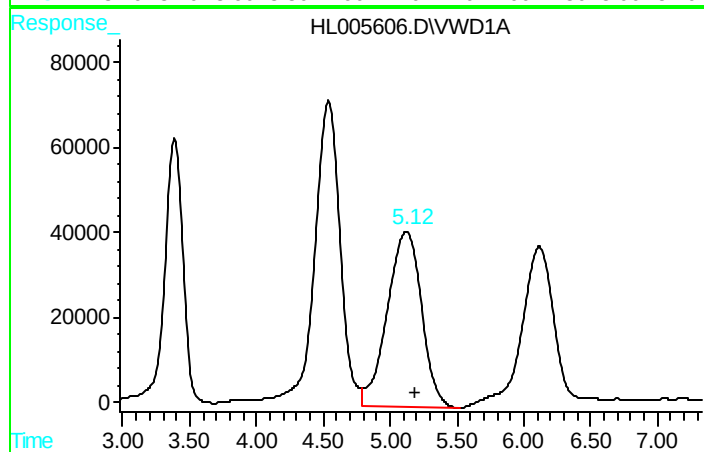
R.T.: 3.387 min
Delta R.T.: 0.002 min
Response: 5918453
Conc: 537.11 ug/L



#5 1,3-Dinitrobenzene

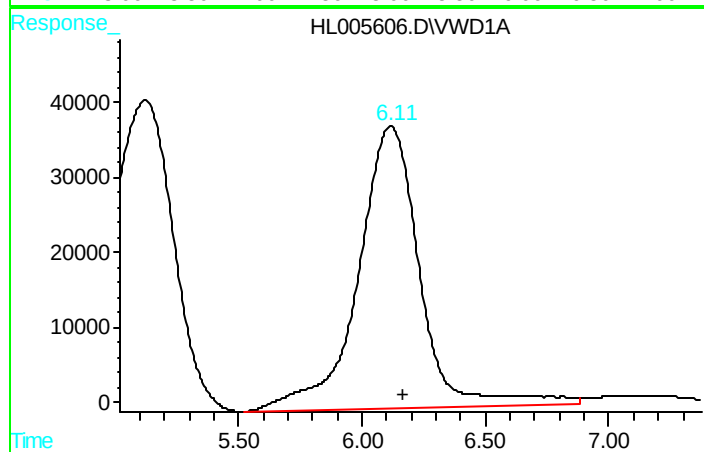
R.T.: 4.539 min
Delta R.T.: -0.048 min
Response: 9633915
Conc: 536.20 ng/ml

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113



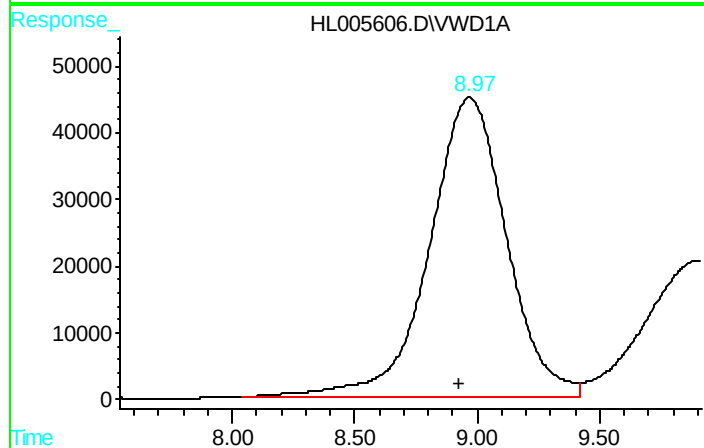
#6 3,5-Dinitroaniline

R.T.: 5.122 min
Delta R.T.: -0.056 min
Response: 7363829
Conc: 523.76 ug/L



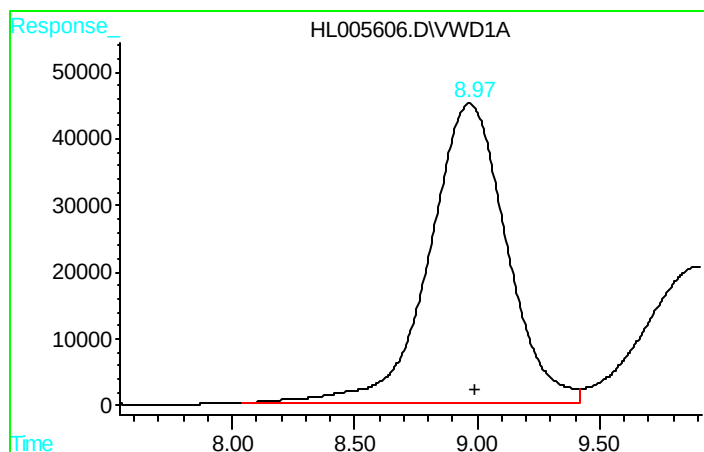
#7 Nitrobenzene

R.T.: 6.116 min
Delta R.T.: -0.047 min
Response: 6610478
Conc: 618.85 ug/L



#8 Tetryl

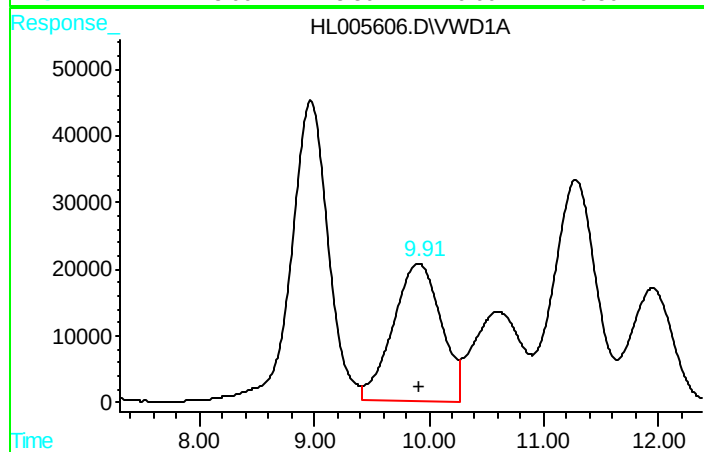
R.T.: 8.969 min
Delta R.T.: 0.045 min
Response: 9912485
Conc: 1572.57 ug/L



#9 2,4,6-Trinitrotoluene

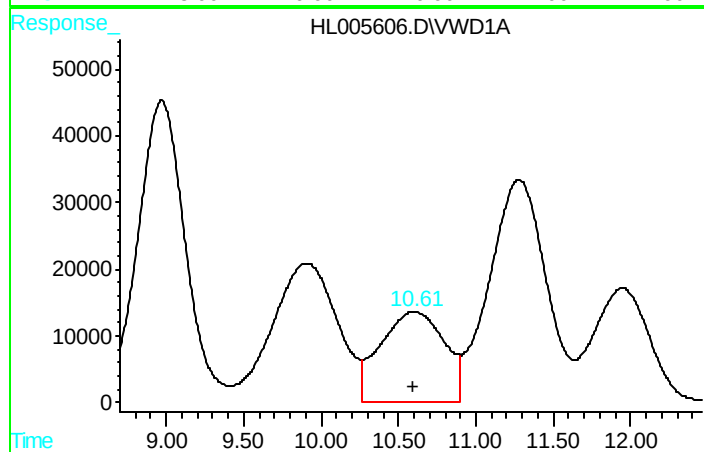
R.T.: 8.969 min
Delta R.T.: -0.019 min
Response: 9912485
Conc: 855.55 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113



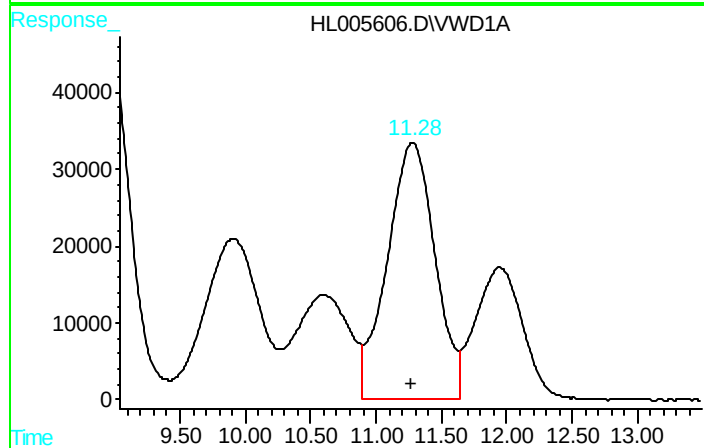
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.909 min
Delta R.T.: -0.007 min
Response: 6004420
Conc: 567.08 ug/L



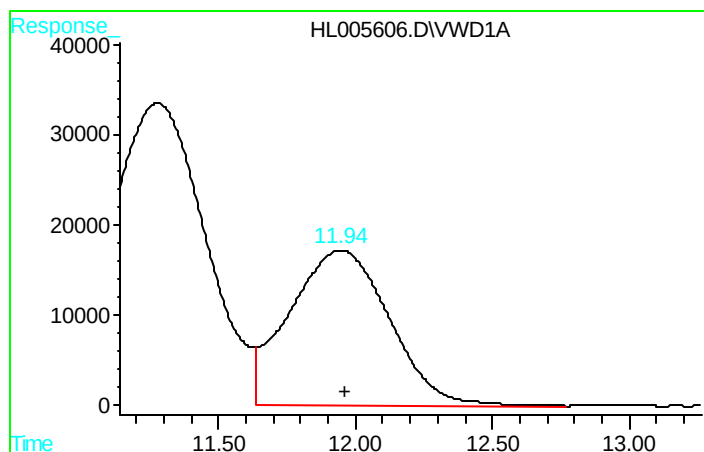
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.601 min
Delta R.T.: 0.002 min
Response: 3839924
Conc: 623.40 ug/L



#12 2,4-Dinitrotoluene

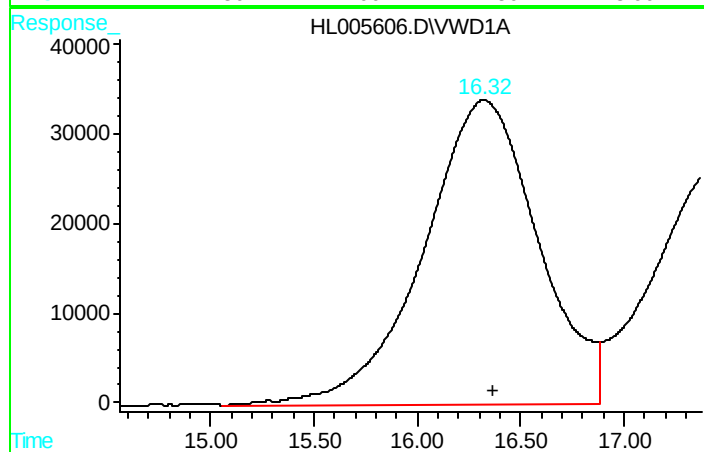
R.T.: 11.278 min
Delta R.T.: 0.013 min
Response: 8468735
Conc: 560.99 ug/L



#13 2,6-Dinitrotoluene

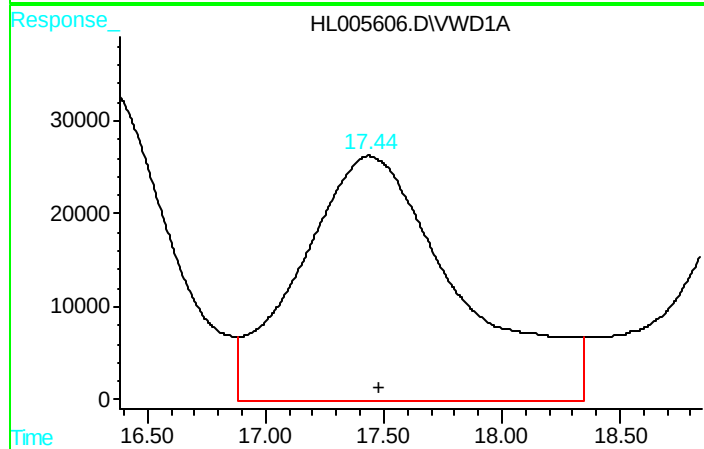
R.T.: 11.946 min
Delta R.T.: -0.012 min
Response: 4358042
Conc: 611.04 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113



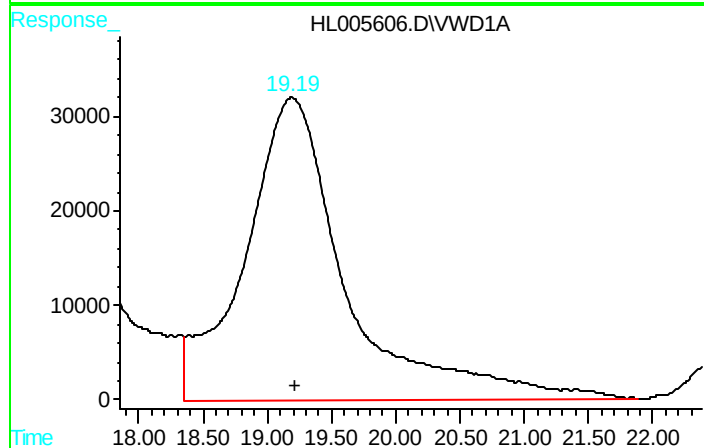
#14 2-Nitrotoluene

R.T.: 16.323 min
Delta R.T.: -0.042 min
Response: 13192675
Conc: 732.31 ug/L



#15 4-Nitrotoluene

R.T.: 17.440 min
Delta R.T.: -0.039 min
Response: 12335586
Conc: 995.26 ug/L



#16 3-Nitrotoluene

R.T.: 19.191 min
Delta R.T.: -0.031 min
Response: 17652311
Conc: 937.55 ug/L