

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005608.D Vial: 11
 Acq On : 21-Oct-2013, 18:08 Operator: QM
 Sample : PB72929BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:57 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB72929BS

Manual Integrations
 APPROVED

QI
 10/22/2013 11:54:56 AM

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	1.61	1147876	291.533 ug/L
Target Compounds			
2) T HMX	1.06	1074571	238.611 ug/L
3) T RDX	2.10	1190432	221.401 ug/L m
4) T 1,3,5-Trinitrobenzene	3.34	2634914	239.121 ug/L
5) T 1,3-Dinitrobenzene	4.50	3626253	201.830 ng/mlm
6) T 3,5-Dinitroaniline	5.09	3710970	263.944 ug/L m
7) T Nitrobenzene	6.08	2107409	197.287 ug/L m
8) T Tetryl	8.87	1307506	207.430 ug/L m
9) T 2,4,6-Trinitrotoluene	8.90	1915549	165.331 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.83	1844833	174.232 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.49	1278926	207.628 ug/L m
12) T 2,4-Dinitrotoluene	11.18	3399058	225.160 ug/L m
13) T 2,6-Dinitrotoluene	11.83	1841921	258.257 ug/L m
14) T 2-Nitrotoluene	16.31	4544247	167.272 ug/L
15) T 4-Nitrotoluene	17.46	4460919	321.907 ug/L m
16) T 3-Nitrotoluene	19.08	4964449	247.124 ug/L m
17) T PETN	22.84	4161011	188.120 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

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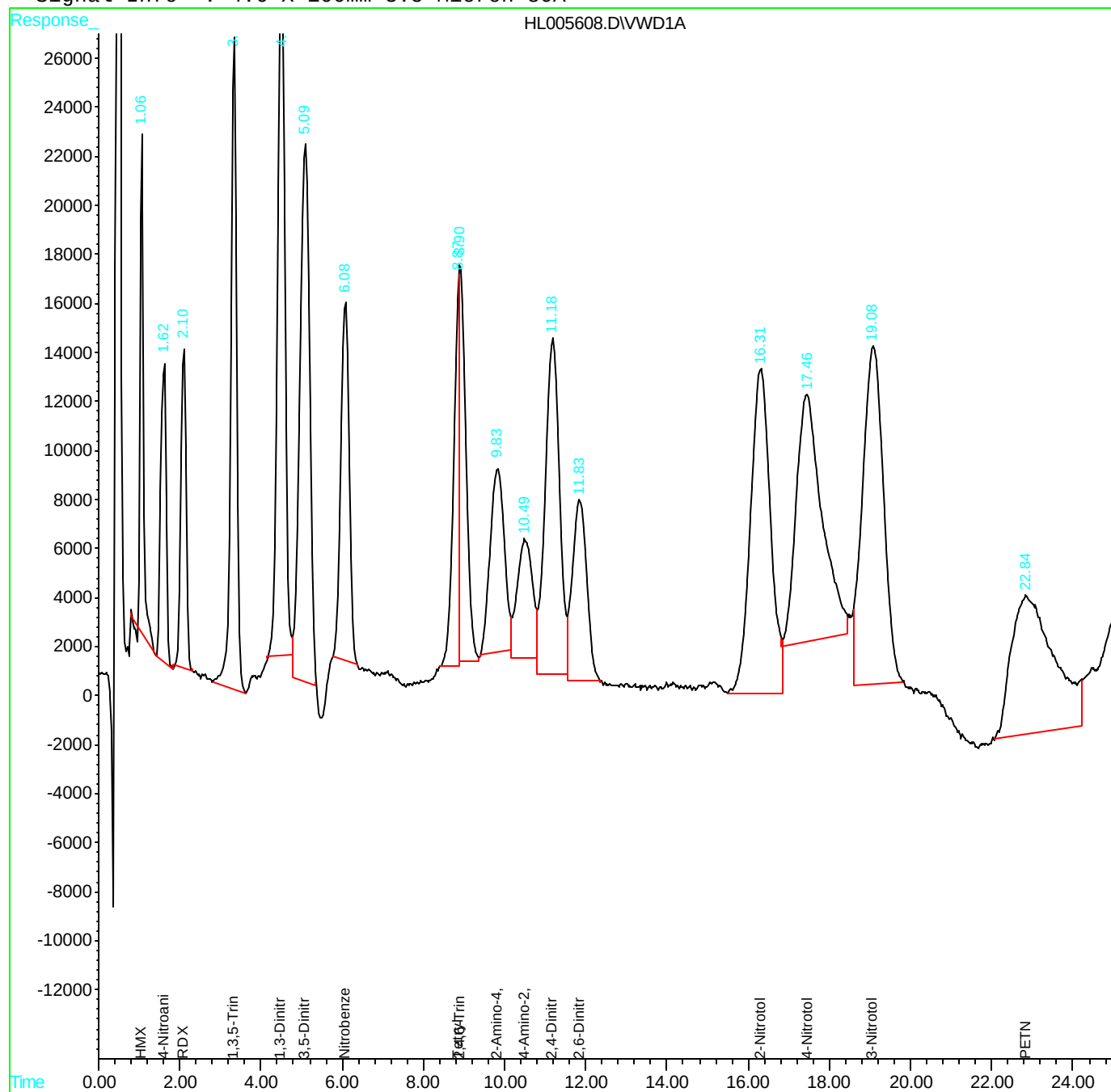
Instrument :
 HPLC_L
 ClientSampled :
 PB72929BS

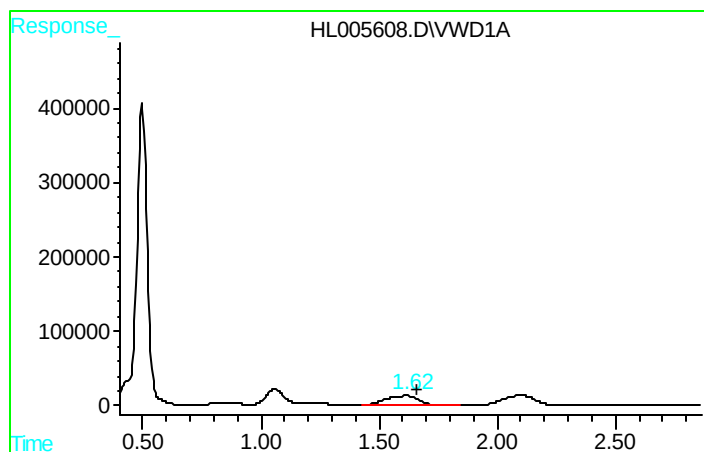
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





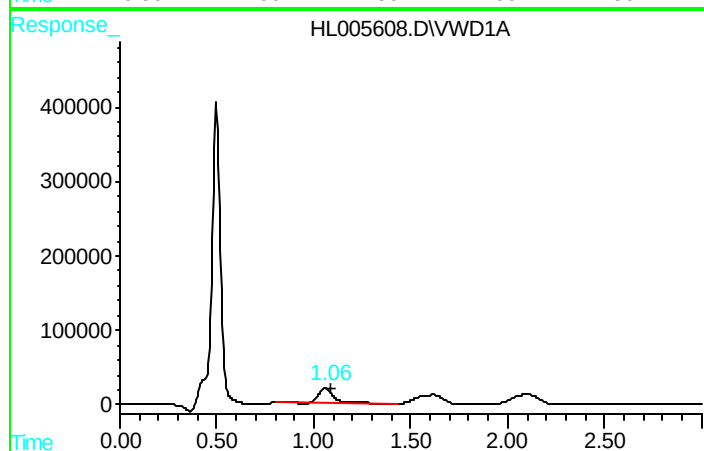
#1 4-Nitroaniline

R.T.: 1.614 min
Delta R.T.: -0.045 min
Response: 1147876
Conc: 291.53 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB72929BS

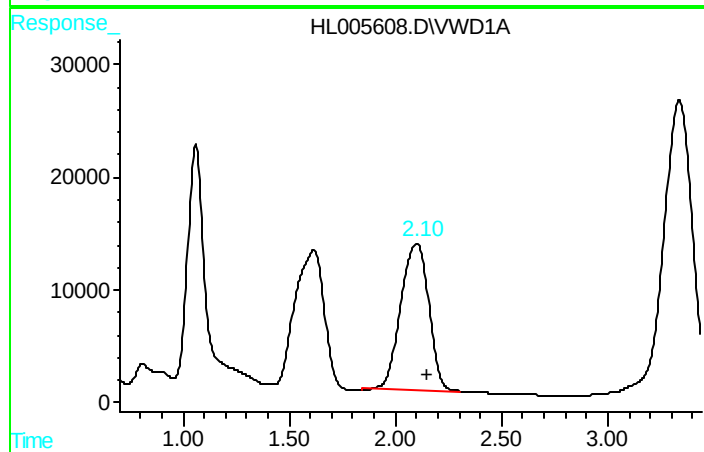
Manual Integrations
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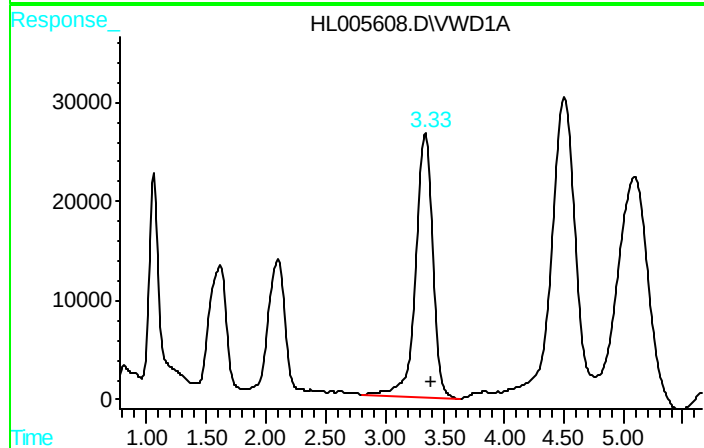
#2 HMX

R.T.: 1.060 min
Delta R.T.: -0.028 min
Response: 1074571
Conc: 238.61 ug/L



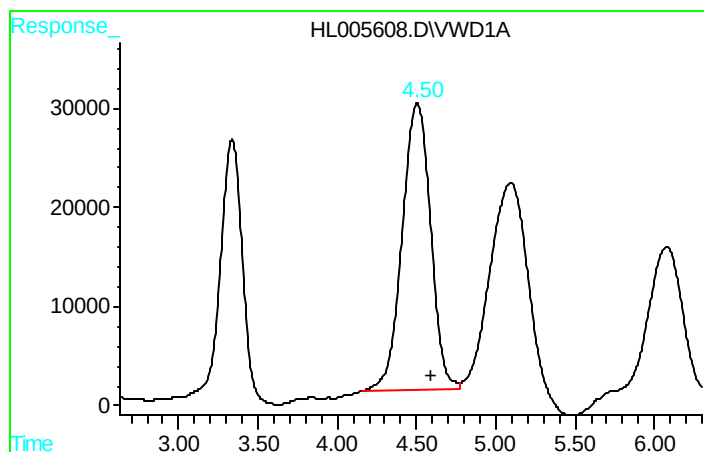
#3 RDX

R.T.: 2.102 min
Delta R.T.: -0.042 min
Response: 1190432
Conc: 221.40 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.337 min
Delta R.T.: -0.048 min
Response: 2634914
Conc: 239.12 ug/L



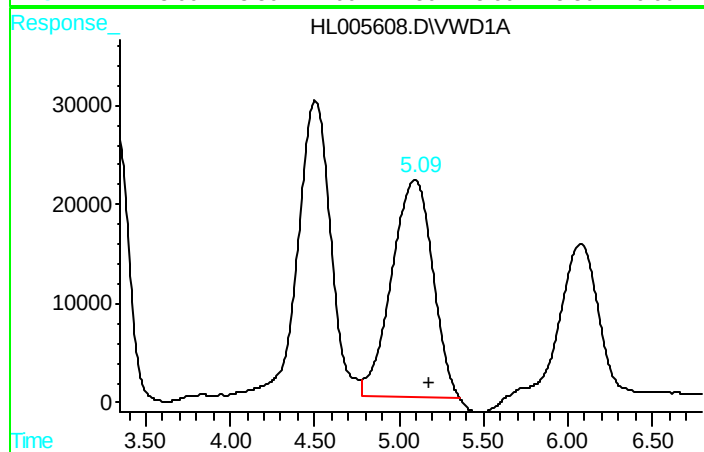
#5 1,3-Dinitrobenzene

R.T.: 4.503 min
Delta R.T.: -0.084 min
Response: 3626253
Conc: 201.83 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB72929BS

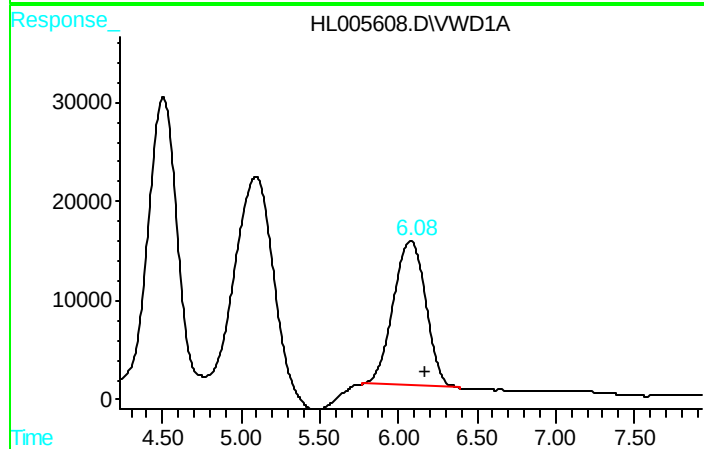
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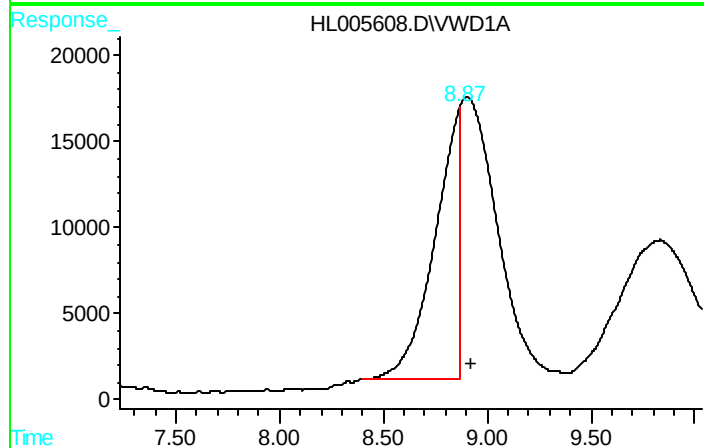
#6 3,5-Dinitroaniline

R.T.: 5.093 min
Delta R.T.: -0.086 min
Response: 3710970
Conc: 263.94 ug/L m



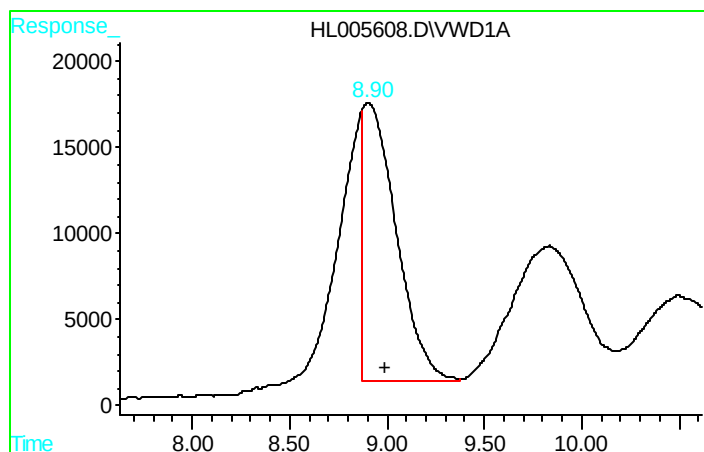
#7 Nitrobenzene

R.T.: 6.079 min
Delta R.T.: -0.084 min
Response: 2107409
Conc: 197.29 ug/L m



#8 Tetryl

R.T.: 8.866 min
Delta R.T.: -0.058 min
Response: 1307506
Conc: 207.43 ug/L m



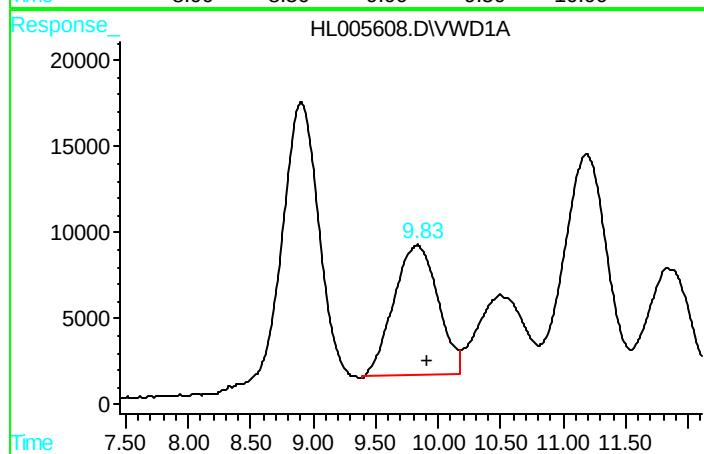
#9 2,4,6-Trinitrotoluene

R.T.: 8.901 min
Delta R.T.: -0.088 min
Response: 1915549
Conc: 165.33 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB72929BS

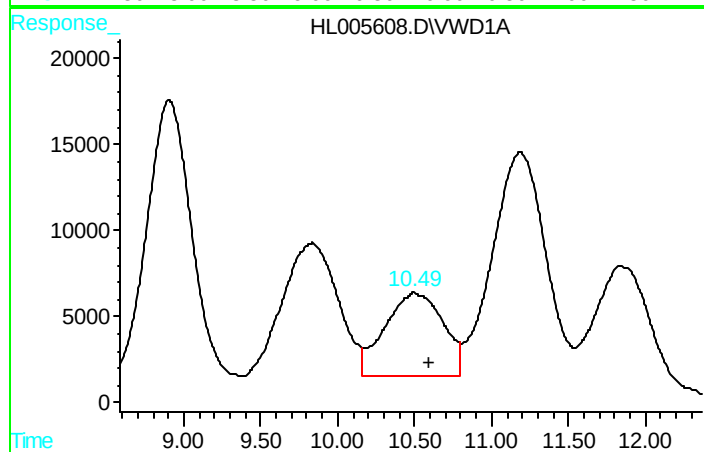
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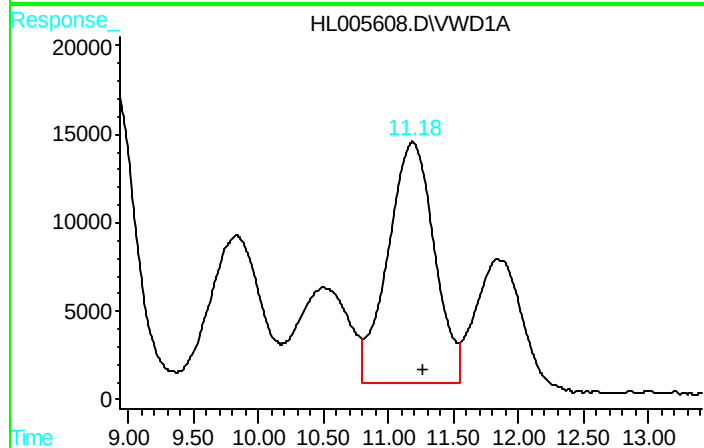
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.834 min
Delta R.T.: -0.083 min
Response: 1844833
Conc: 174.23 ug/L m



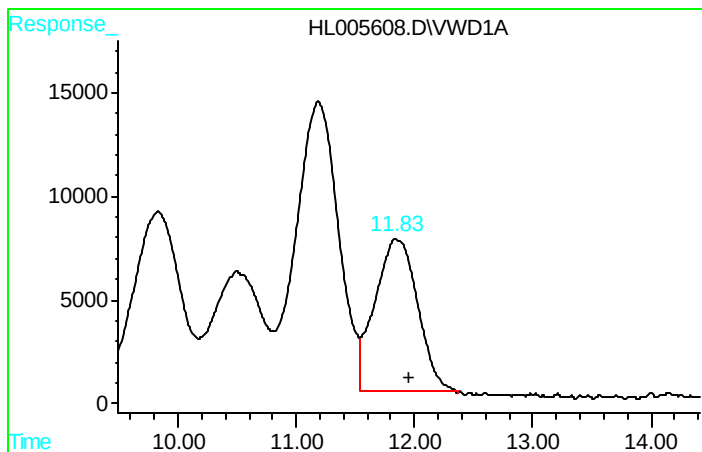
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.492 min
Delta R.T.: -0.107 min
Response: 1278926
Conc: 207.63 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.184 min
Delta R.T.: -0.081 min
Response: 3399058
Conc: 225.16 ug/L m



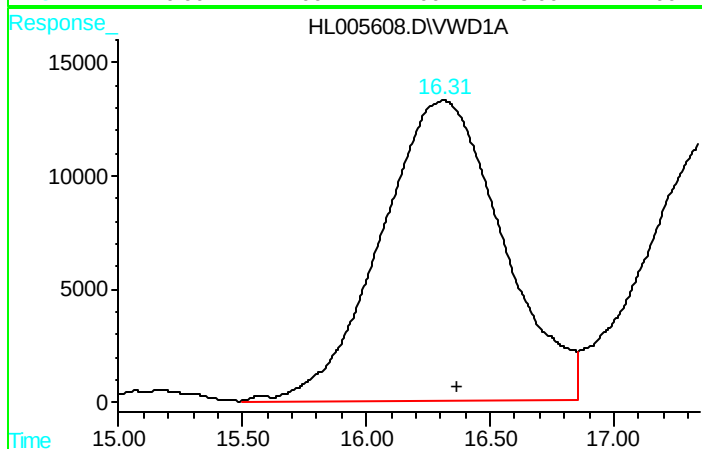
#13 2,6-Dinitrotoluene

R.T.: 11.834 min
Delta R.T.: -0.124 min
Response: 1841921
Conc: 258.26 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB72929BS

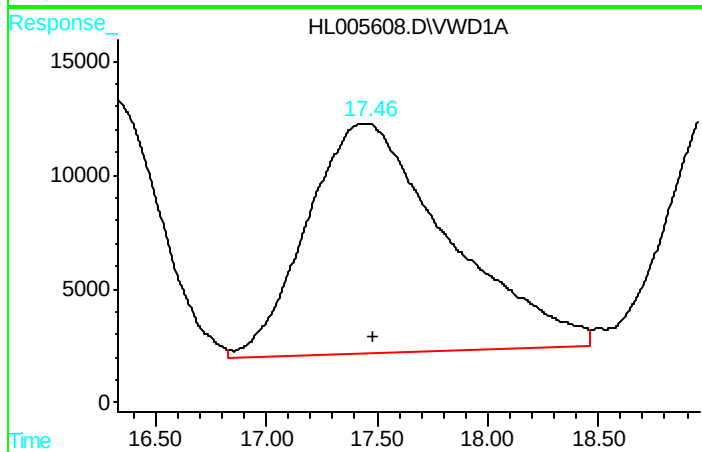
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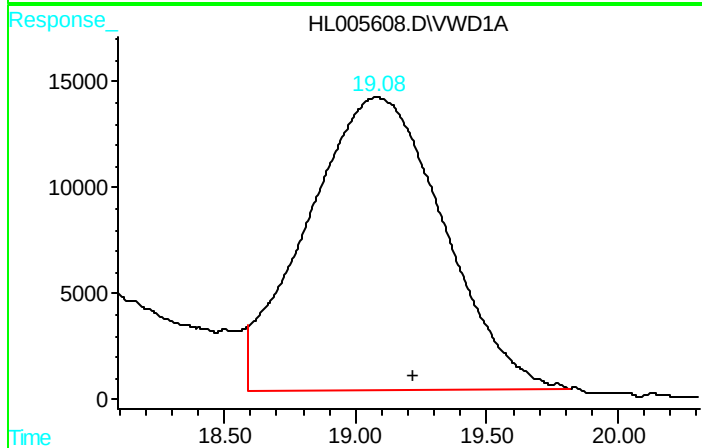
#14 2-Nitrotoluene

R.T.: 16.308 min
Delta R.T.: -0.057 min
Response: 4544247
Conc: 167.27 ug/L



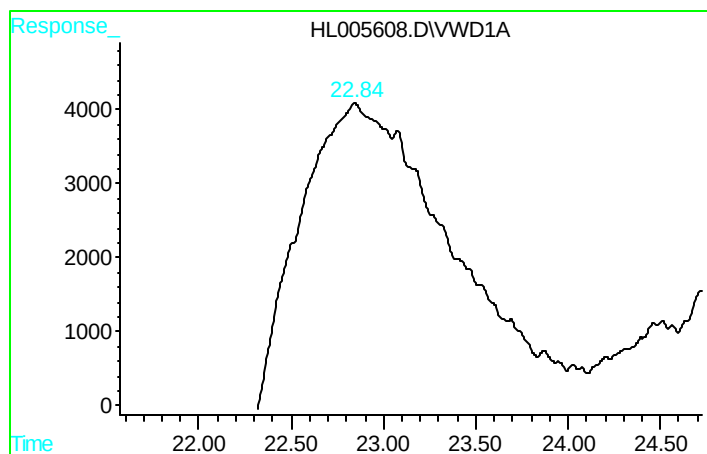
#15 4-Nitrotoluene

R.T.: 17.460 min
Delta R.T.: -0.019 min
Response: 4460919
Conc: 321.91 ug/L m



#16 3-Nitrotoluene

R.T.: 19.081 min
Delta R.T.: -0.141 min
Response: 4964449
Conc: 247.12 ug/L m



#17 PETN

R.T.: 22.844 min
Delta R.T.: 0.466 min
Response: 4161011
Conc: 188.12 ug/L m

Instrument :

HPLC_L

ClientSampleId :

PB72929BS

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