

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005616.D Vial: 1
 Acq On : 21-Oct-2013, 21:44 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 7:13 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:43 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	1.65	2018447	512.637 ug/L
Target Compounds			
2) T HMX	1.08	2051011	455.431 ug/L
3) T RDX	2.13	2708697	503.773 ug/L m
4) T 1,3,5-Trinitrobenzene	3.36	5927789	537.952 ug/L
5) T 1,3-Dinitrobenzene	4.55	9816651	546.376 ng/ml
6) T 3,5-Dinitroaniline	5.15	7416875	527.529 ug/L
7) T Nitrobenzene	6.16	6352323	594.680 ug/L
8) T Tetryl	8.96	2577895	408.972 ug/L m
9) T 2,4,6-Trinitrotoluene	9.04	6269465	541.118 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.96	5544903	523.680 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.66	3564633	578.703 ug/L
12) T 2,4-Dinitrotoluene	11.33	8012689	530.777 ug/L
13) T 2,6-Dinitrotoluene	12.00	3922742	550.010 ug/L
14) T 2-Nitrotoluene	16.41	8843945	448.188 ug/L
15) T 4-Nitrotoluene	17.51	7560725	586.969 ug/L m
16) T 3-Nitrotoluene	19.22	10992833	575.168 ug/L
17) T PETN	22.15	3939416	178.101 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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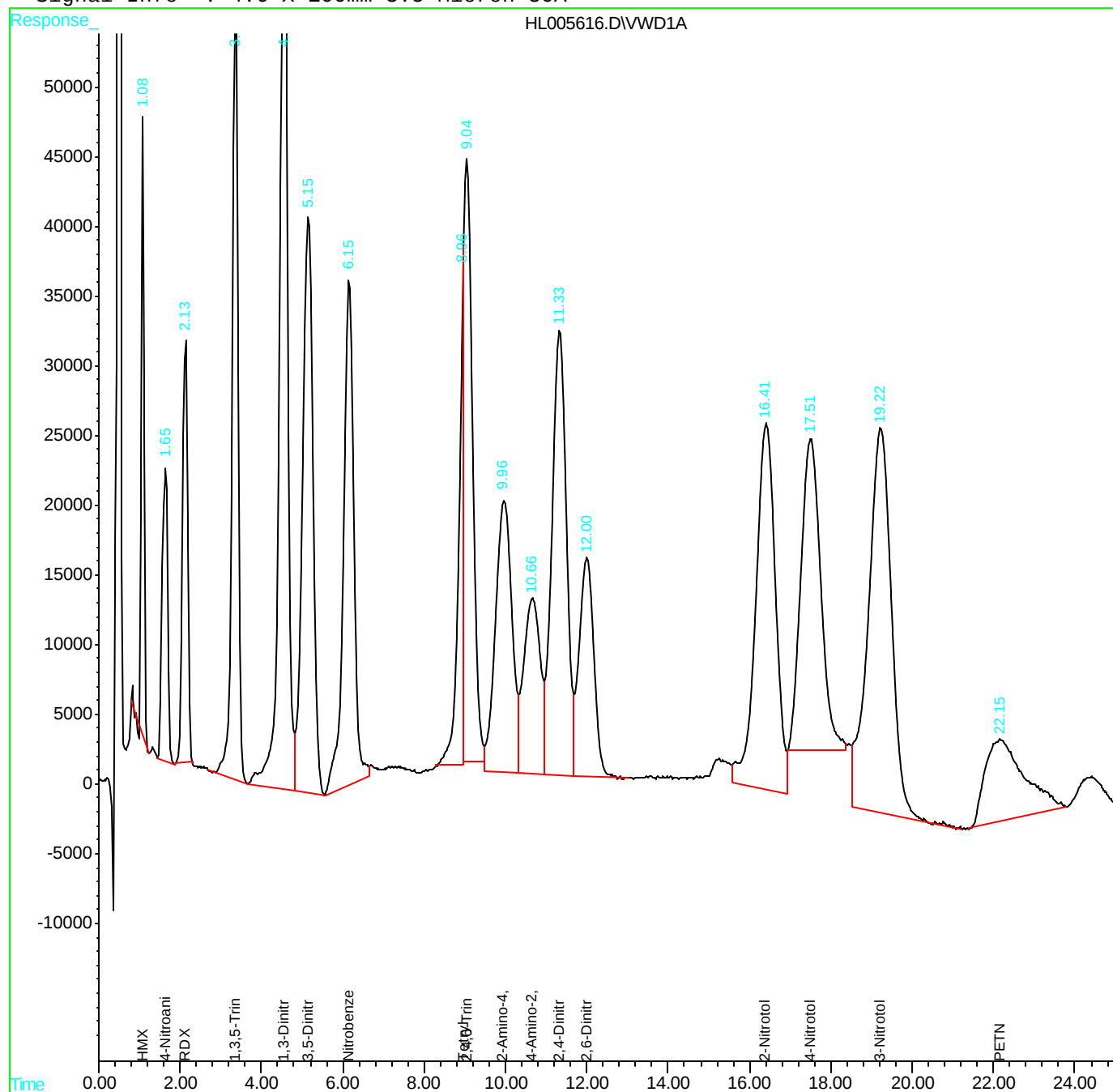
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

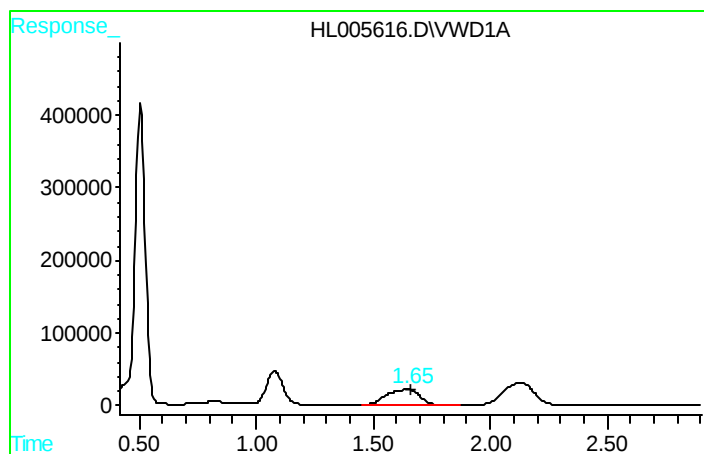
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





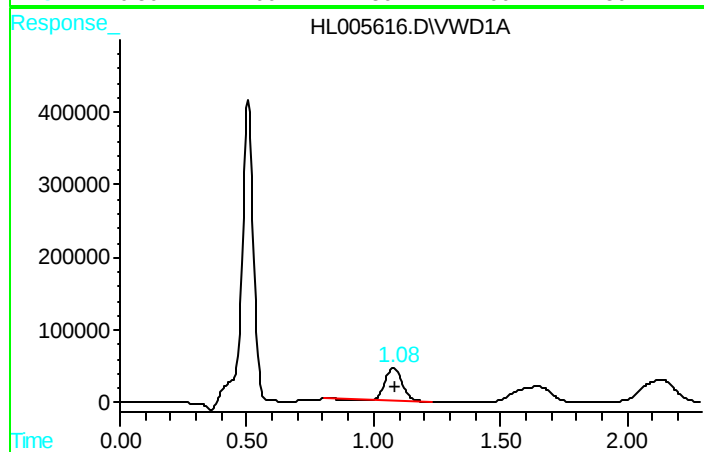
#1 4-Nitroaniline

R.T.: 1.646 min
Delta R.T.: -0.014 min
Response: 2018447
Conc: 512.64 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

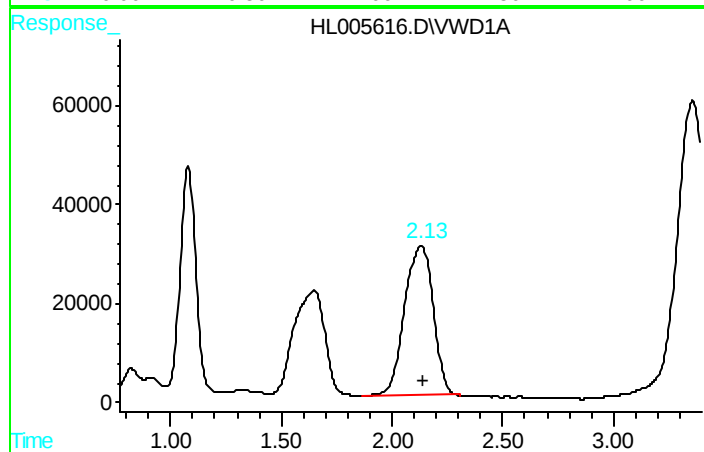
Manual Integrations
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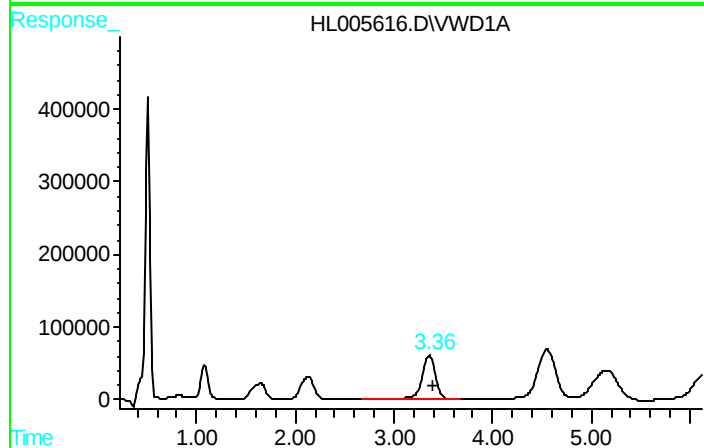
#2 HMX

R.T.: 1.080 min
Delta R.T.: -0.008 min
Response: 2051011
Conc: 455.43 ug/L



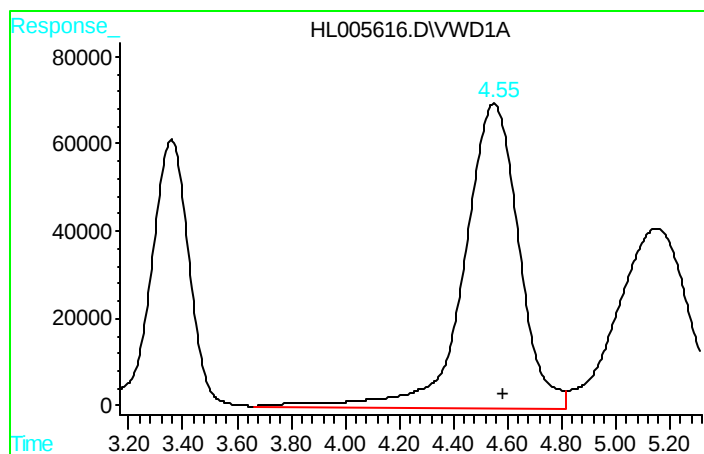
#3 RDX

R.T.: 2.132 min
Delta R.T.: -0.012 min
Response: 2708697
Conc: 503.77 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.358 min
Delta R.T.: -0.027 min
Response: 5927789
Conc: 537.95 ug/L



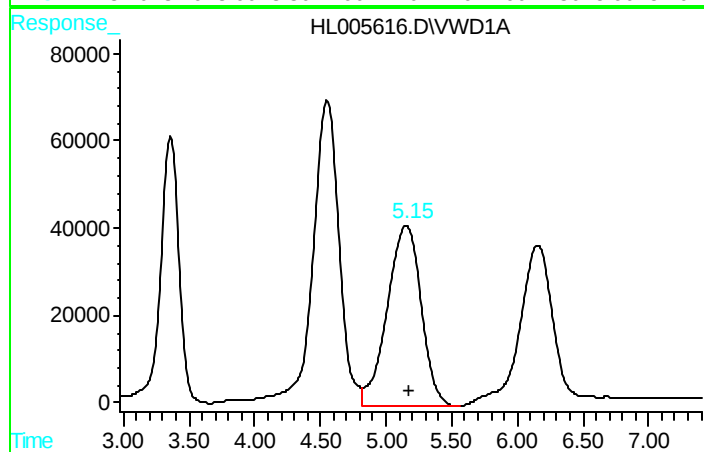
#5 1,3-Dinitrobenzene

R.T.: 4.552 min
Delta R.T.: -0.035 min
Response: 9816651
Conc: 546.38 ng/ml

Instrument :
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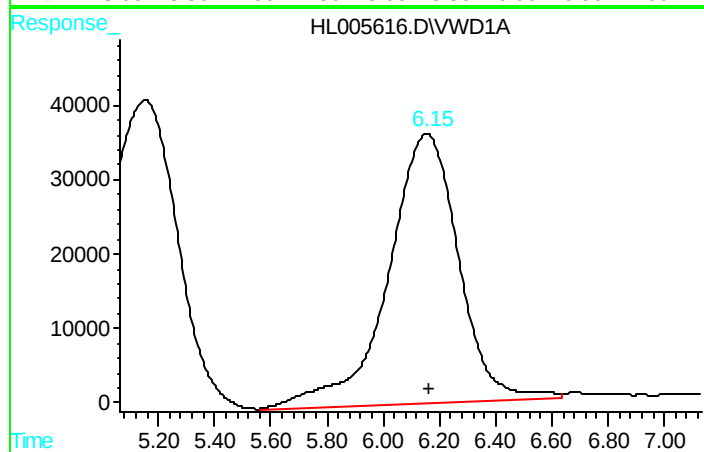
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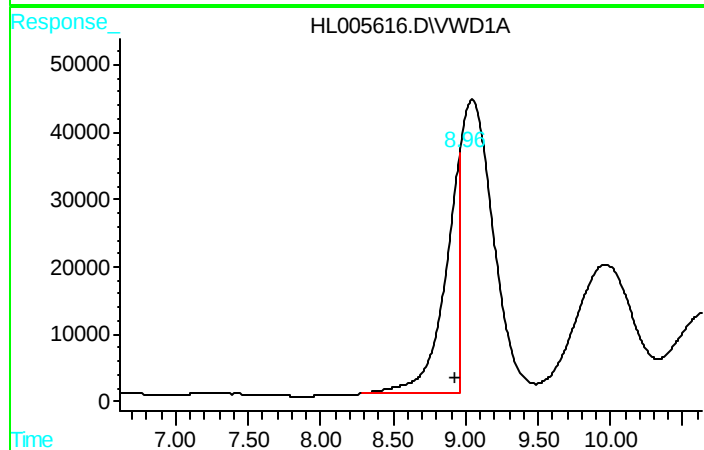
#6 3,5-Dinitroaniline

R.T.: 5.154 min
Delta R.T.: -0.024 min
Response: 7416875
Conc: 527.53 ug/L



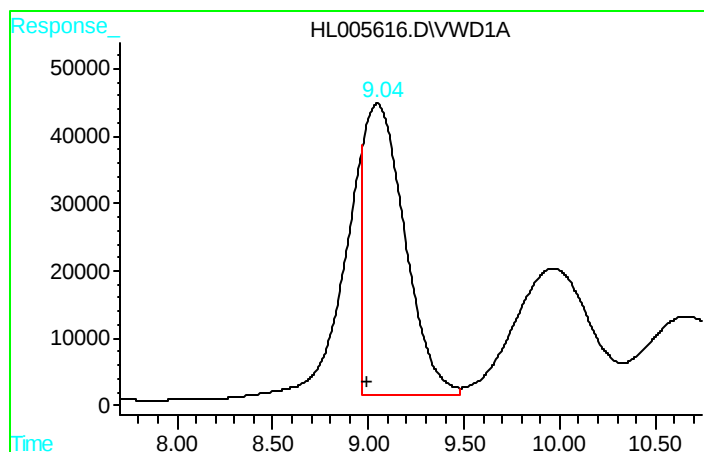
#7 Nitrobenzene

R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 6352323
Conc: 594.68 ug/L



#8 Tetryl

R.T.: 8.958 min
Delta R.T.: 0.034 min
Response: 2577895
Conc: 408.97 ug/L m



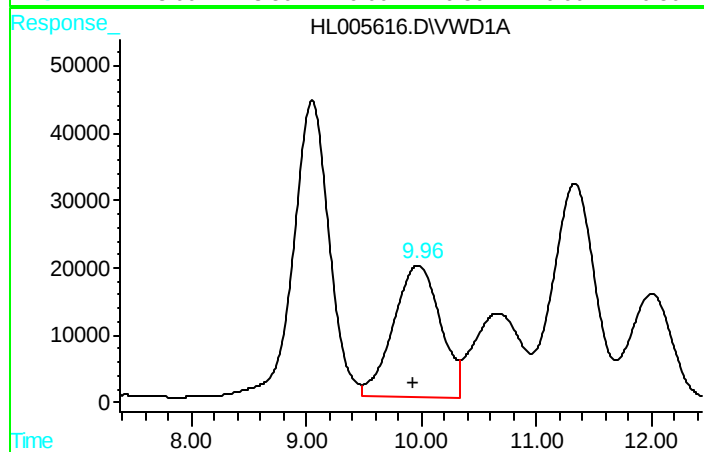
#9 2,4,6-Trinitrotoluene

R.T.: 9.044 min
Delta R.T.: 0.056 min
Response: 6269465
Conc: 541.12 ug/L m

Instrument :
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HSTDCCC0500

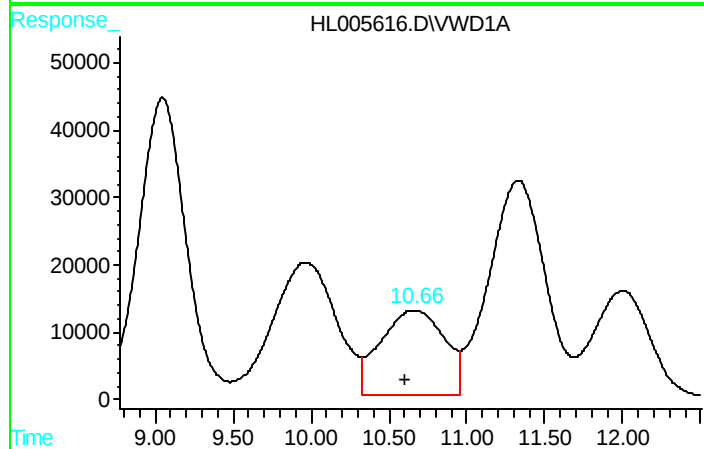
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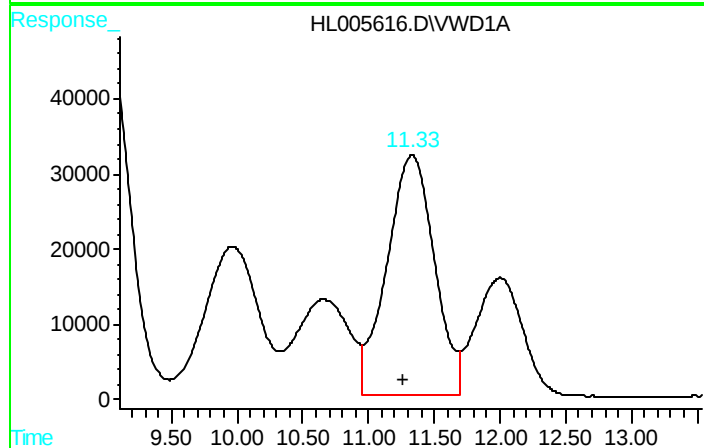
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.962 min
Delta R.T.: 0.045 min
Response: 5544903
Conc: 523.68 ug/L



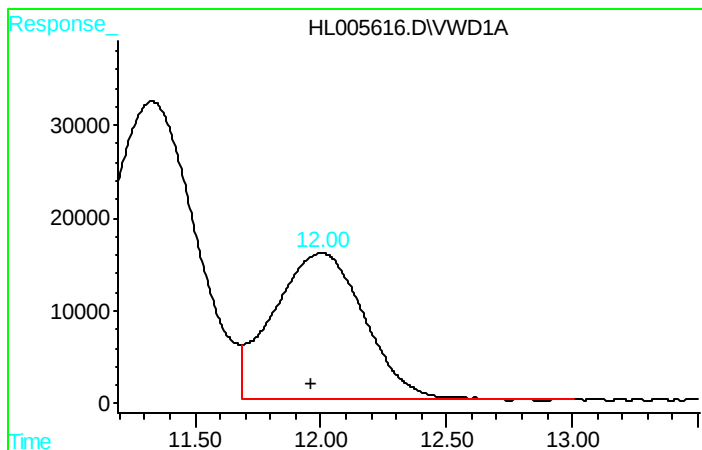
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.660 min
Delta R.T.: 0.061 min
Response: 3564633
Conc: 578.70 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.330 min
Delta R.T.: 0.064 min
Response: 8012689
Conc: 530.78 ug/L



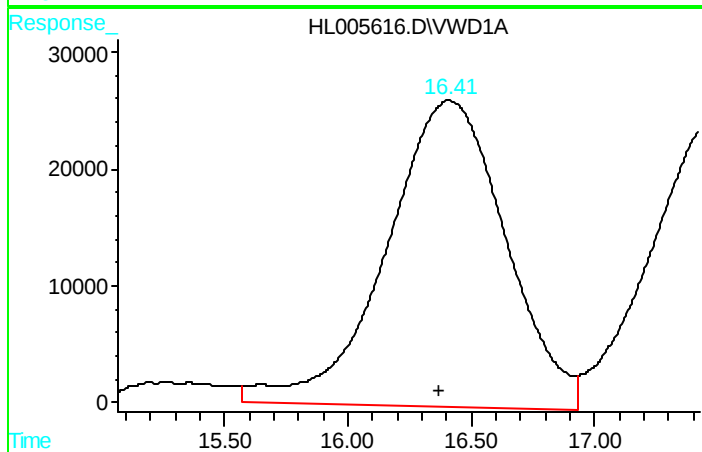
#13 2,6-Dinitrotoluene

R.T.: 12.002 min
Delta R.T.: 0.044 min
Response: 3922742
Conc: 550.01 ug/L

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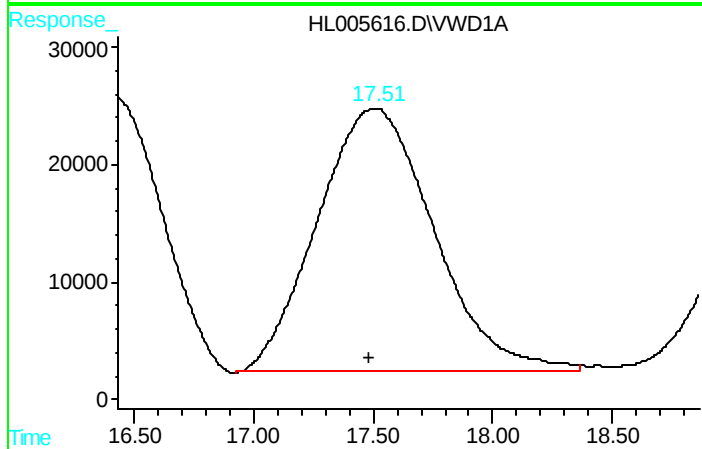
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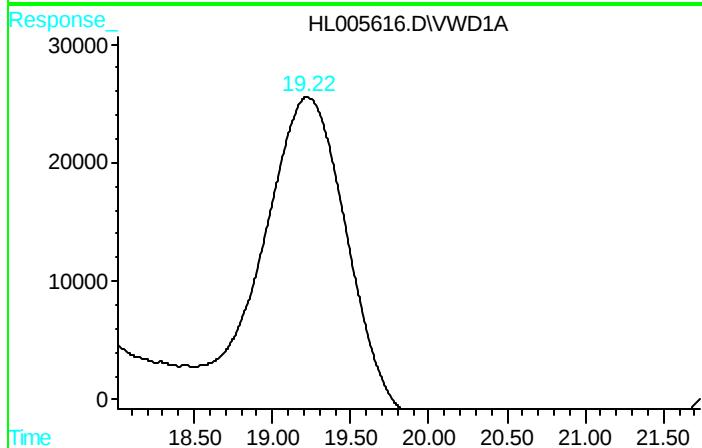
#14 2-Nitrotoluene

R.T.: 16.411 min
Delta R.T.: 0.046 min
Response: 8843945
Conc: 448.19 ug/L



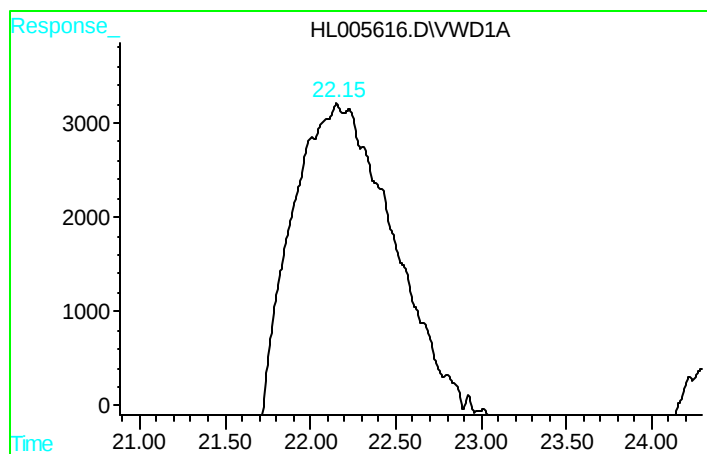
#15 4-Nitrotoluene

R.T.: 17.514 min
Delta R.T.: 0.035 min
Response: 7560725
Conc: 586.97 ug/L m



#16 3-Nitrotoluene

R.T.: 19.225 min
Delta R.T.: 0.003 min
Response: 10992833
Conc: 575.17 ug/L



#17 PETN

R.T.: 22.150 min
Delta R.T.: -0.227 min
Response: 3939416
Conc: 178.10 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

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