

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005625.D Vial: 27
 Acq On : 22-Oct-2013, 01:46 Operator: QM
 Sample : E4155-03MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 7:28 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 YS12-GW04-1013MSD

Manual Integrations
 APPROVED

QI
 10/22/2013 11:54:48 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	1.64	1226969	311.621 ug/L
Target Compounds			
2) T HMX	1.08	1261811	280.188 ug/L
3) T RDX	2.13	1293407	240.553 ug/L m
4) T 1,3,5-Trinitrobenzene	3.40	2888973	262.177 ug/L
5) T 1,3-Dinitrobenzene	4.58	4013342	223.375 ng/mlm
6) T 3,5-Dinitroaniline	5.20	4698434	334.178 ug/L
7) T Nitrobenzene	6.20	2377976	222.617 ug/L m
8) T Tetryl	9.05	1117278	177.251 ug/L m
9) T 2,4,6-Trinitrotoluene	9.12	2521565	217.636 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	10.07	2252943	212.776 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.77	1264344	205.261 ug/L m
12) T 2,4-Dinitrotoluene	11.42	3666595	242.883 ug/L m
13) T 2,6-Dinitrotoluene	12.11	1913976	268.360 ug/L m
14) T 2-Nitrotoluene	16.56	4004760	132.025 ug/L m
15) T 4-Nitrotoluene	17.63	3594727	247.840 ug/L m
16) T 3-Nitrotoluene	19.40	4387296	215.718 ug/L m
17) T PETN	23.05	279208	12.623 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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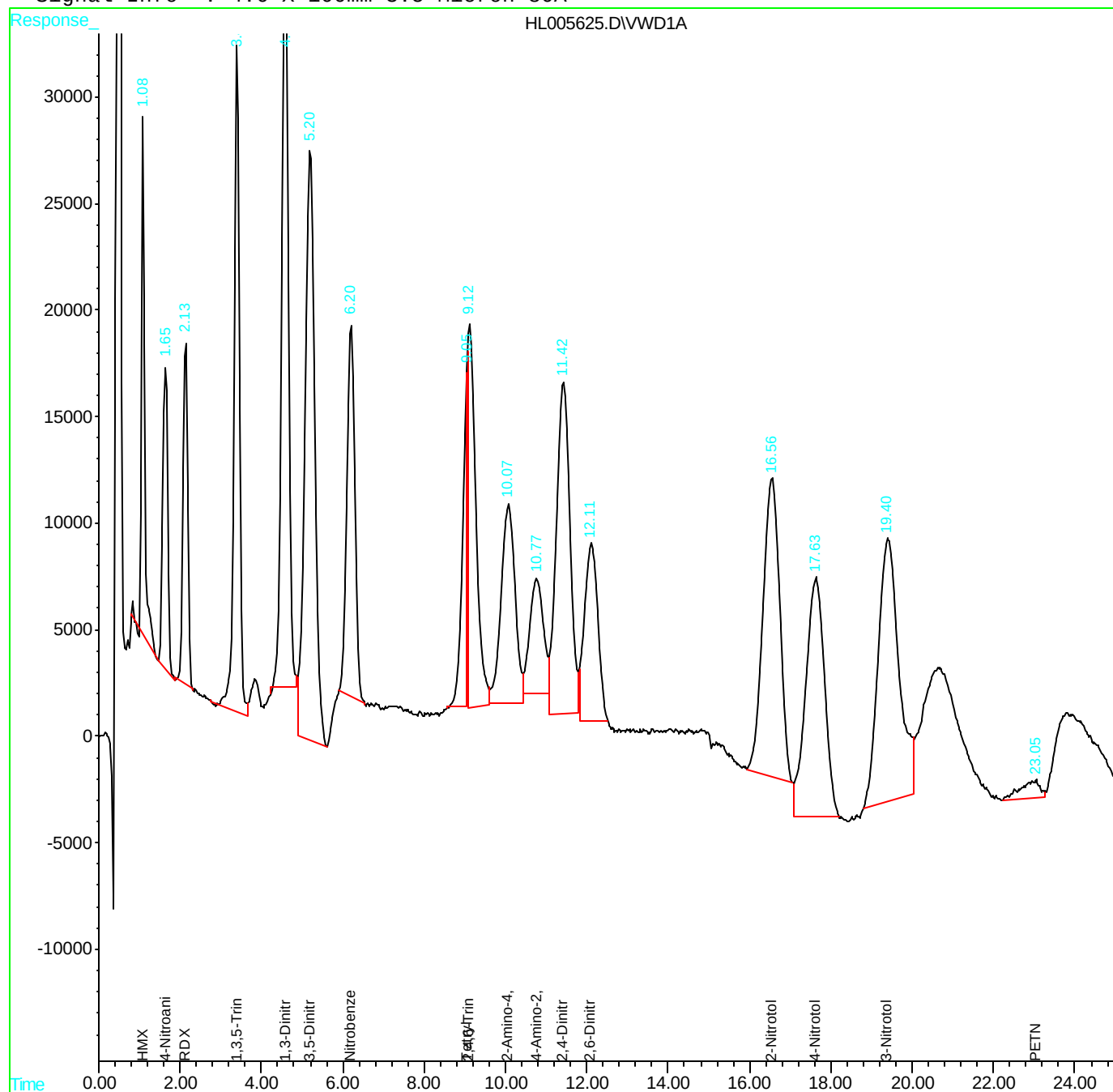
Instrument :
HPLC_L
ClientSampleId :
YS12-GW04-1013MSD

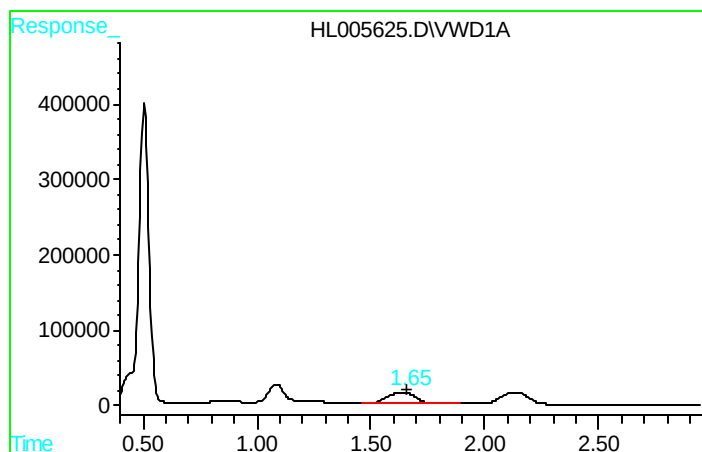
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 06:43:54 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





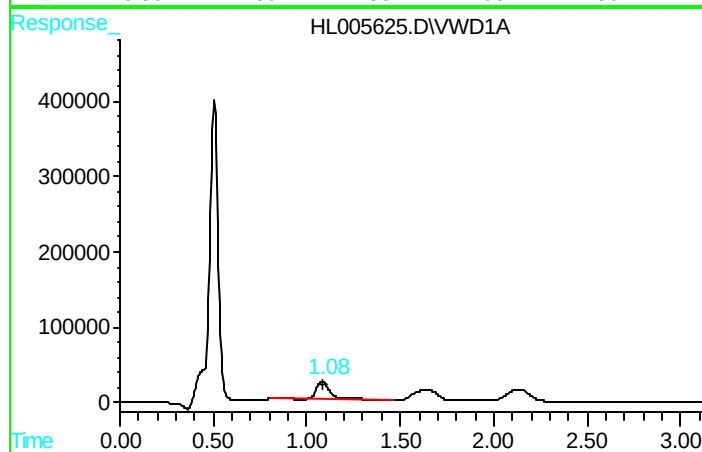
#1 4-Nitroaniline

R.T.: 1.644 min
Delta R.T.: -0.015 min
Response: 1226969
Conc: 311.62 ug/L

Instrument :
HPLC_L
ClientSampleId :
YS12-GW04-1013MSD

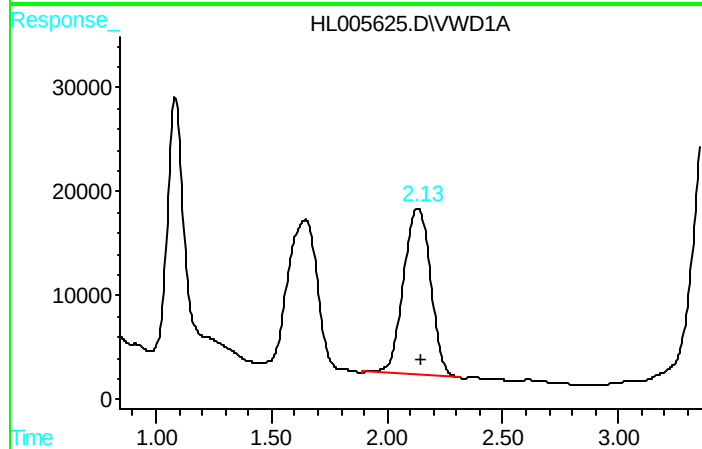
Manual Integrations
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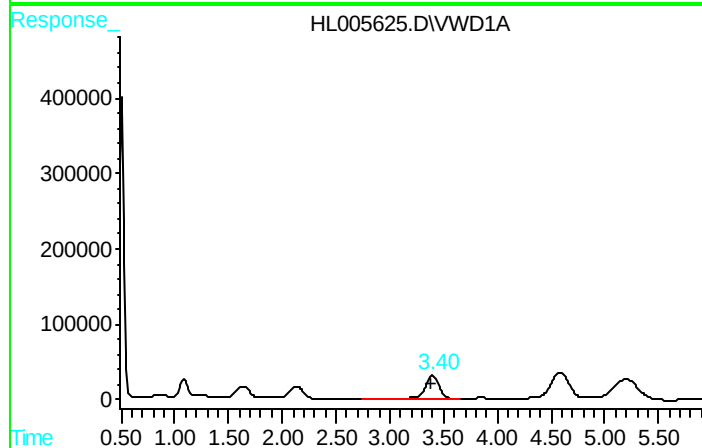
#2 HMX

R.T.: 1.085 min
Delta R.T.: -0.003 min
Response: 1261811
Conc: 280.19 ug/L



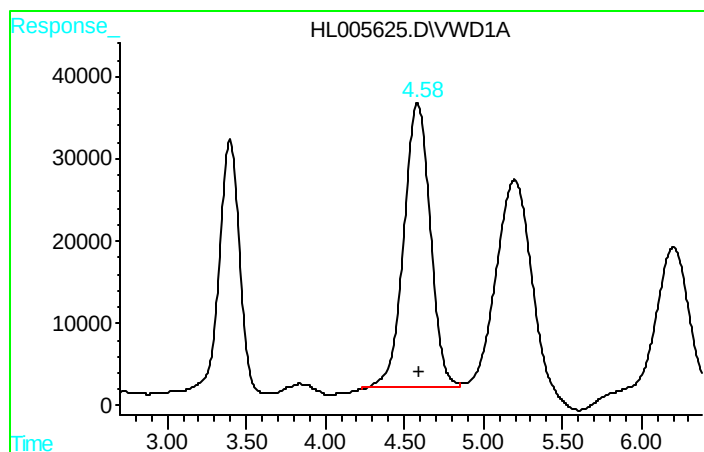
#3 RDX

R.T.: 2.133 min
Delta R.T.: -0.012 min
Response: 1293407
Conc: 240.55 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.398 min
Delta R.T.: 0.013 min
Response: 2888973
Conc: 262.18 ug/L



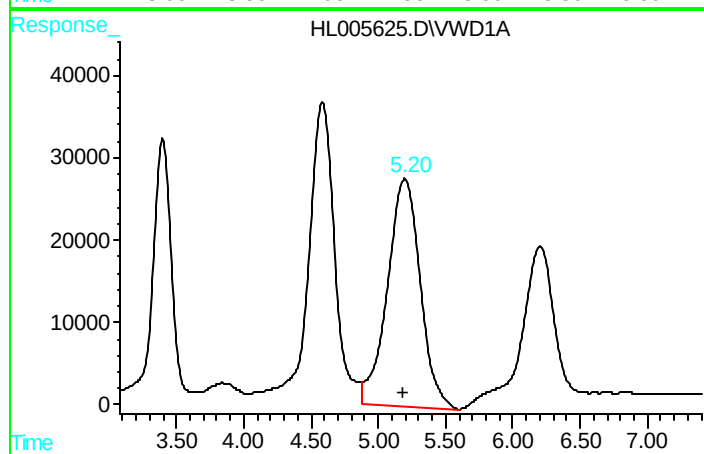
#5 1,3-Dinitrobenzene

R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 4013342
Conc: 223.37 ng/ml

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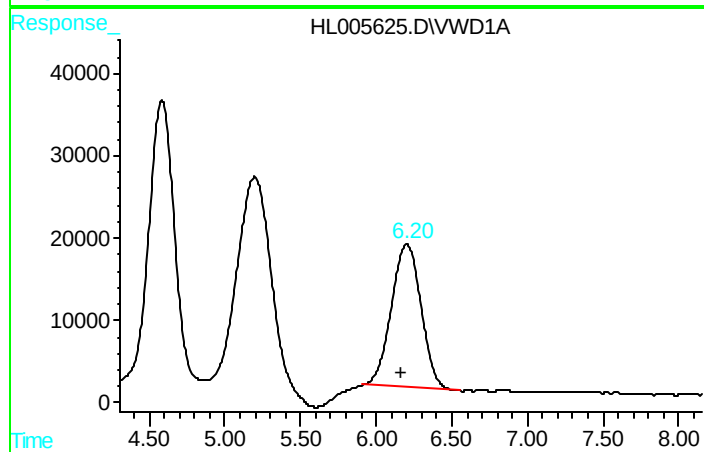
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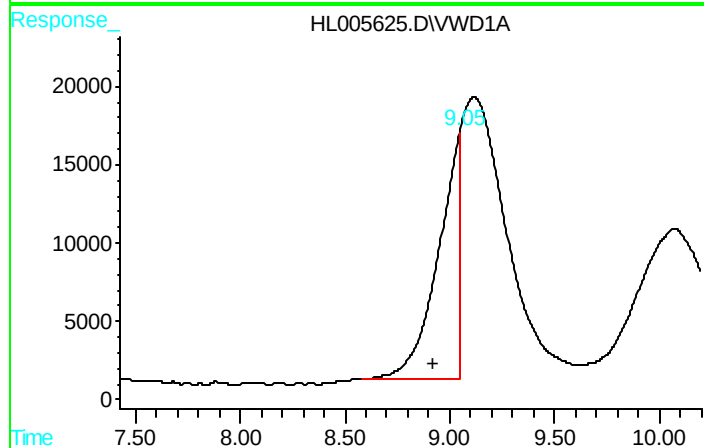
#6 3,5-Dinitroaniline

R.T.: 5.198 min
Delta R.T.: 0.019 min
Response: 4698434
Conc: 334.18 ug/L



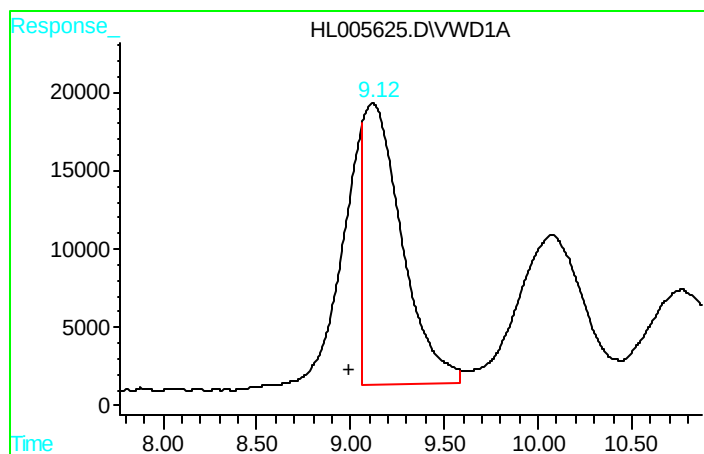
#7 Nitrobenzene

R.T.: 6.199 min
Delta R.T.: 0.036 min
Response: 2377976
Conc: 222.62 ug/L m



#8 Tetryl

R.T.: 9.045 min
Delta R.T.: 0.121 min
Response: 1117278
Conc: 177.25 ug/L m



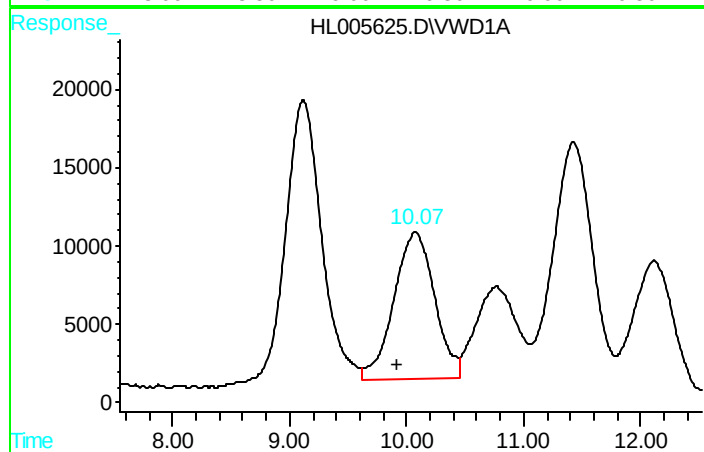
#9 2,4,6-Trinitrotoluene

R.T.: 9.118 min
Delta R.T.: 0.129 min
Response: 2521565
Conc: 217.64 ug/L m

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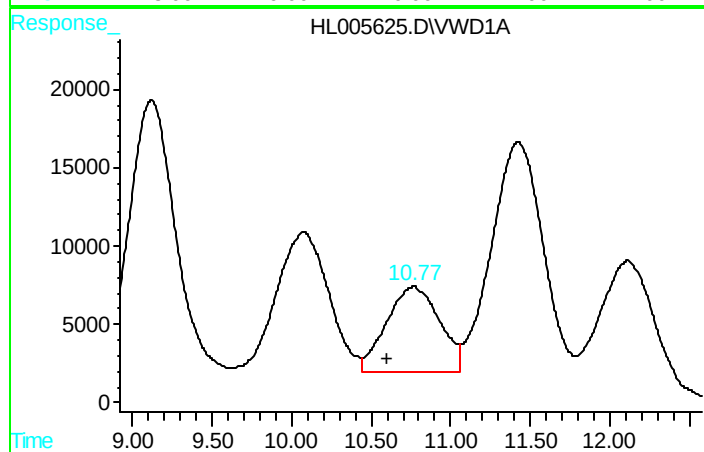
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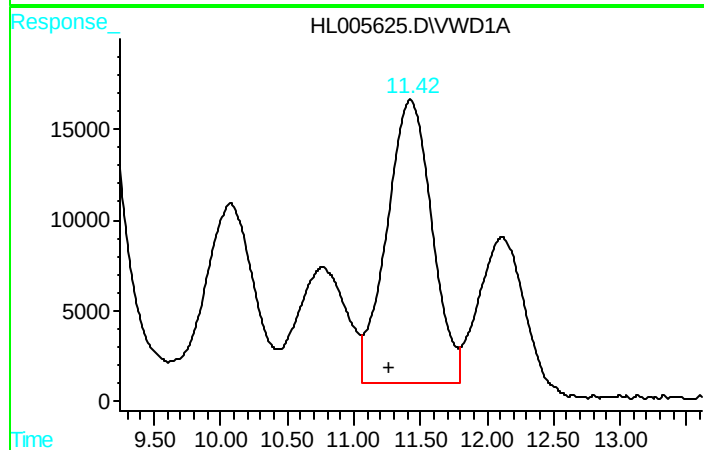
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.072 min
Delta R.T.: 0.155 min
Response: 2252943
Conc: 212.78 ug/L m



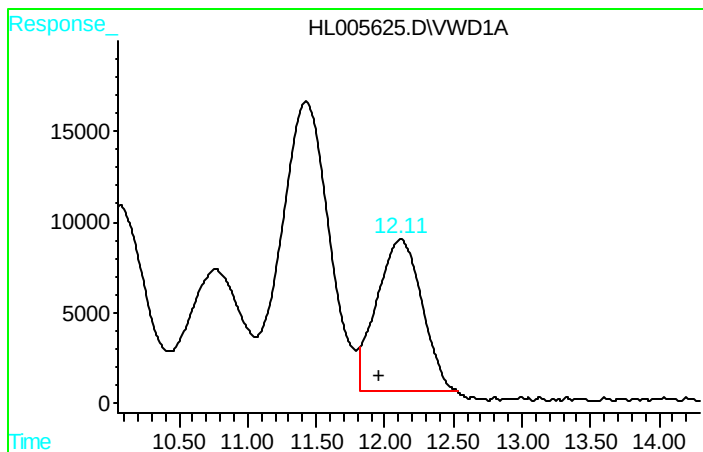
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.767 min
Delta R.T.: 0.168 min
Response: 1264344
Conc: 205.26 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.423 min
Delta R.T.: 0.158 min
Response: 3666595
Conc: 242.88 ug/L m



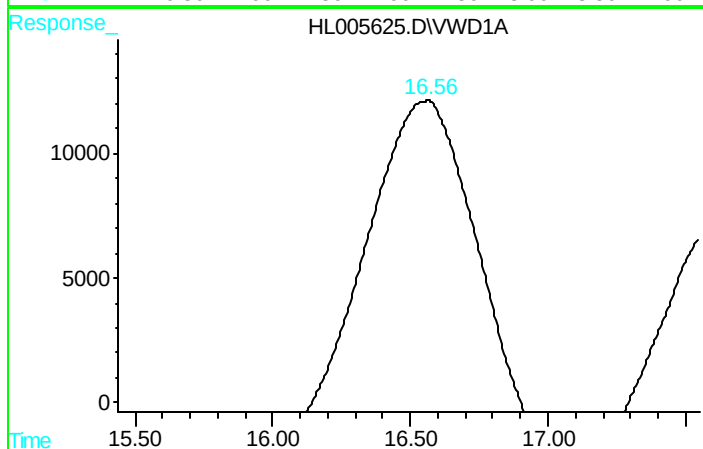
#13 2,6-Dinitrotoluene

R.T.: 12.109 min
Delta R.T.: 0.151 min
Response: 1913976
Conc: 268.36 ug/L m

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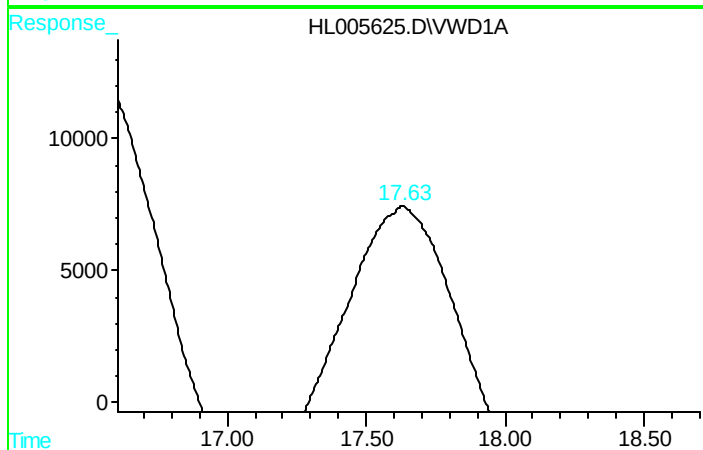
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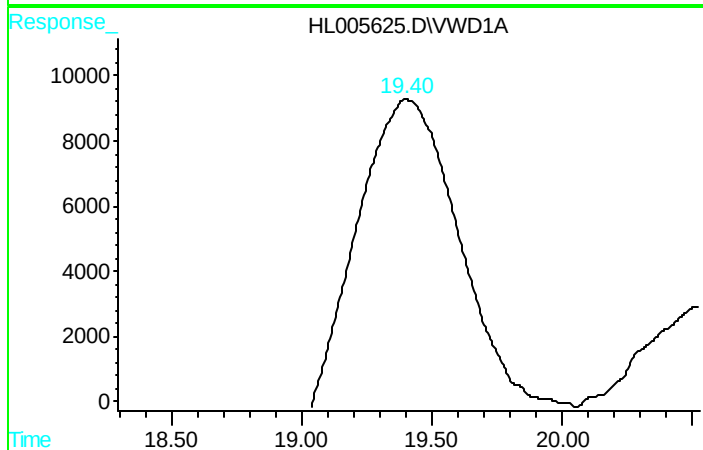
#14 2-Nitrotoluene

R.T.: 16.564 min
Delta R.T.: 0.199 min
Response: 4004760
Conc: 132.03 ug/L m



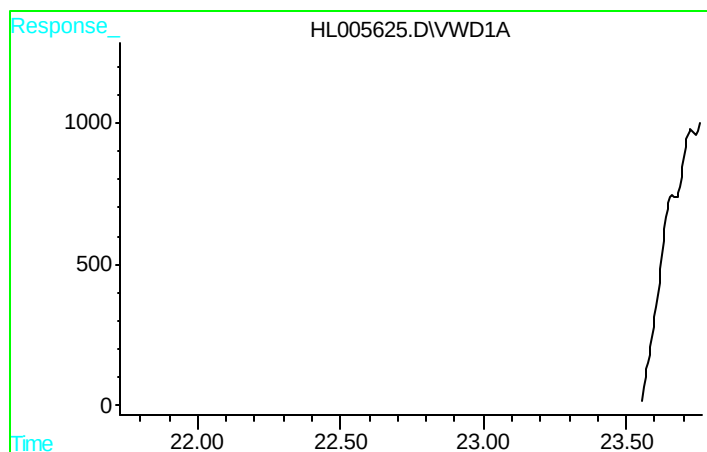
#15 4-Nitrotoluene

R.T.: 17.631 min
Delta R.T.: 0.152 min
Response: 3594727
Conc: 247.84 ug/L m



#16 3-Nitrotoluene

R.T.: 19.398 min
Delta R.T.: 0.176 min
Response: 4387296
Conc: 215.72 ug/L m



#17 PETN

R.T.: 23.048 min
Delta R.T.: 0.671 min
Response: 279208
Conc: 12.62 ug/L m

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