

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005615.D Vial: 18
 Acq On : 21-Oct-2013, 21:17 Operator: QM
 Sample : PB72964BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 7:10 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB72964BS

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:40 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	1.63	1253418	318.338 ug/L
Target Compounds			
2) T HMX	1.07	1205552	267.695 ug/L
3) T RDX	2.13	1295145	240.876 ug/L m
4) T 1,3,5-Trinitrobenzene	3.38	2630734	238.741 ug/L
5) T 1,3-Dinitrobenzene	4.56	3904526	217.318 ng/mlm
6) T 3,5-Dinitroaniline	5.15	4715474	335.390 ug/L
7) T Nitrobenzene	6.15	2425772	227.091 ug/L m
8) T Tetryl	8.98	1183851	187.813 ug/L m
9) T 2,4,6-Trinitrotoluene	9.04	2456145	211.990 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	10.00	2066488	195.166 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.68	1396519	226.719 ug/L m
12) T 2,4-Dinitrotoluene	11.35	3694355	244.721 ug/L m
13) T 2,6-Dinitrotoluene	12.03	2234144	313.251 ug/L
14) T 2-Nitrotoluene	16.40	3701083	112.185 ug/L m
15) T 4-Nitrotoluene	17.50	3739259	260.199 ug/L m
16) T 3-Nitrotoluene	19.23	6902058	352.562 ug/L
17) T PETN	20.59f	4707166	212.811 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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Sample : PB72964BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: Oct 22 7:10 2013 Quant Results File: HL102113.RES

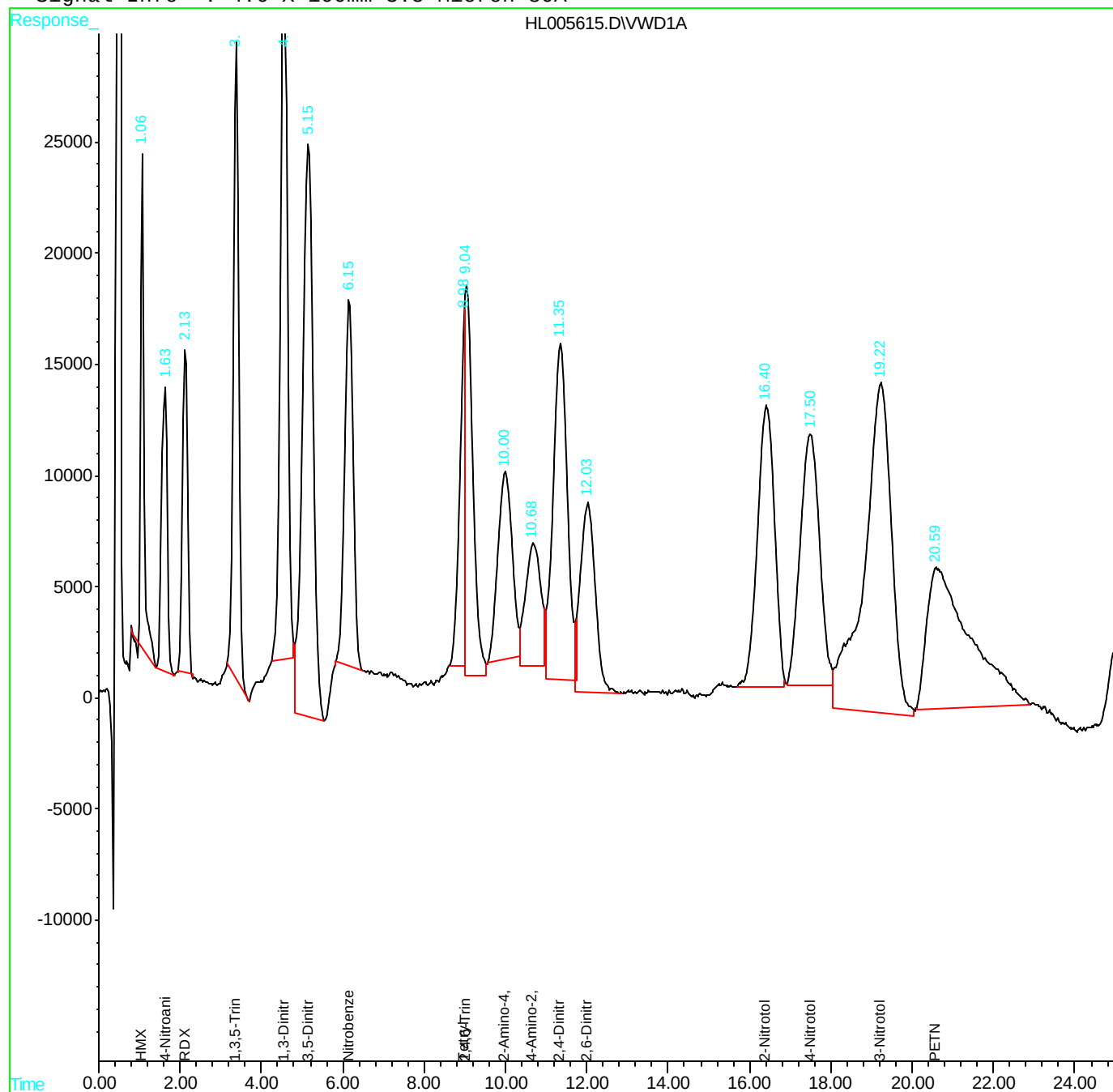
Instrument :
HPLC_L
ClientSampled :
PB72964BS

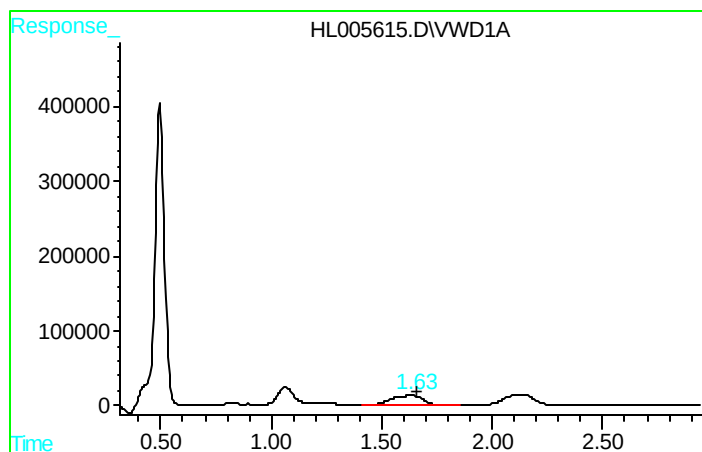
Manual Integrations
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10/22/2013 11:55:40 AM

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





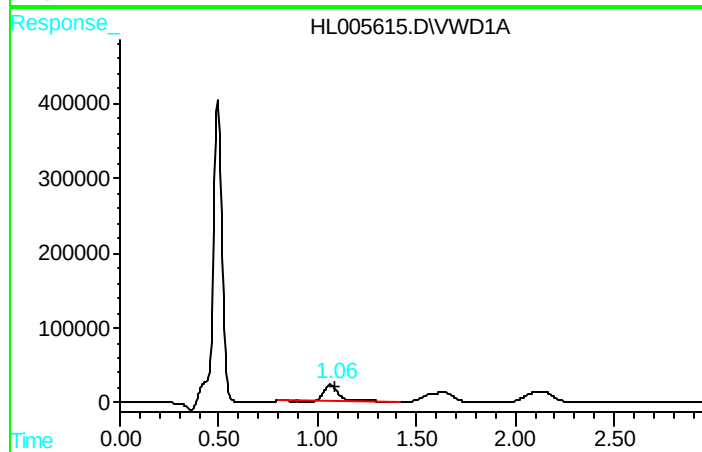
#1 4-Nitroaniline

R.T.: 1.632 min
Delta R.T.: -0.027 min
Response: 1253418
Conc: 318.34 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB72964BS

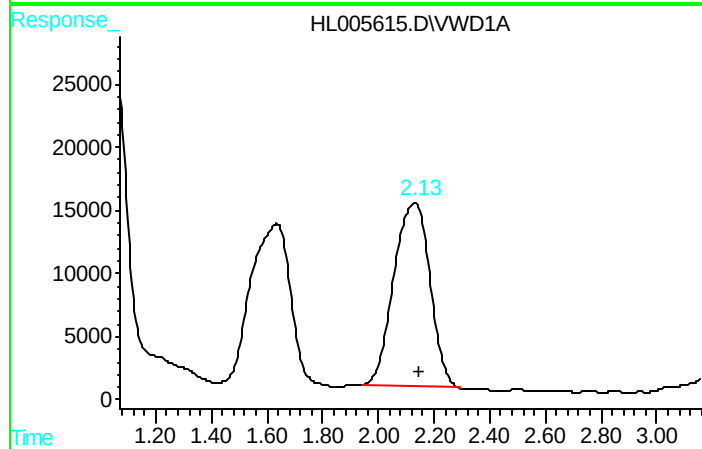
Manual Integrations
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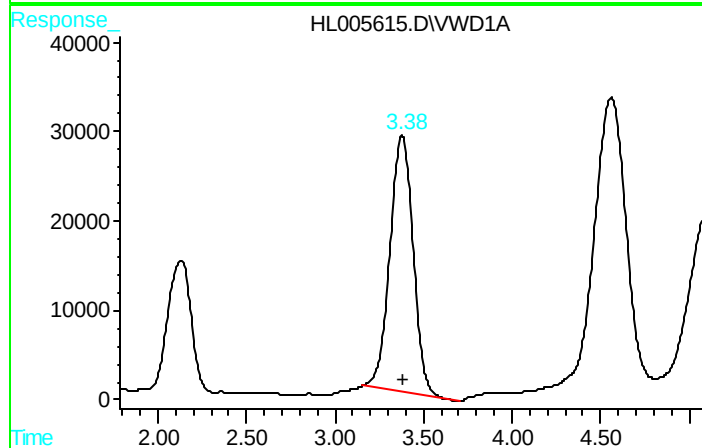
#2 HMX

R.T.: 1.066 min
Delta R.T.: -0.021 min
Response: 1205552
Conc: 267.70 ug/L



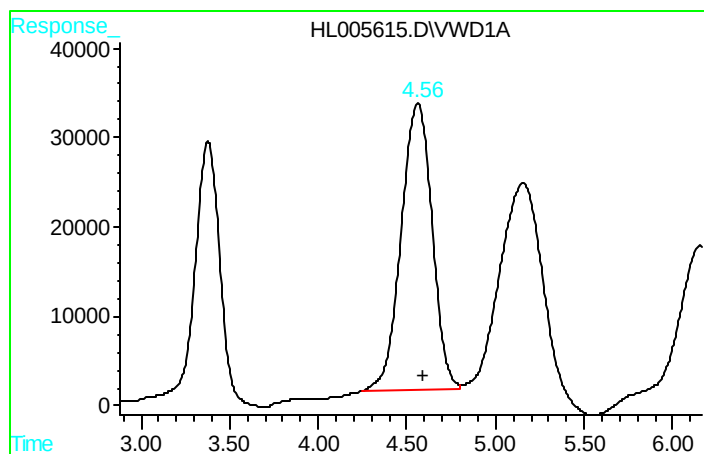
#3 RDX

R.T.: 2.130 min
Delta R.T.: -0.014 min
Response: 1295145
Conc: 240.88 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.379 min
Delta R.T.: -0.006 min
Response: 2630734
Conc: 238.74 ug/L



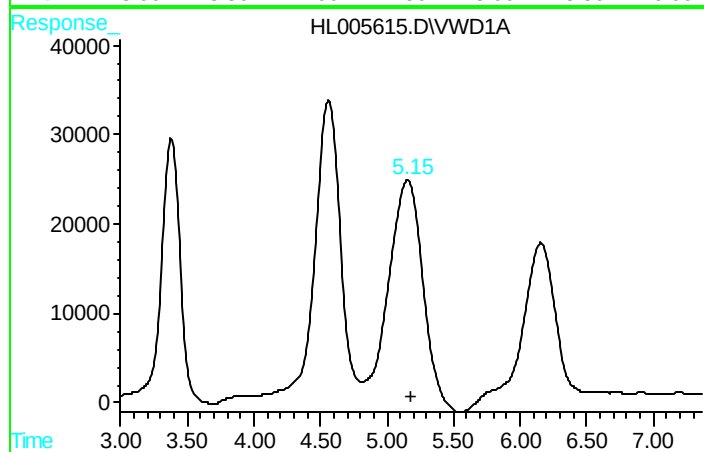
#5 1,3-Dinitrobenzene

R.T.: 4.560 min
Delta R.T.: -0.027 min
Response: 3904526
Conc: 217.32 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB72964BS

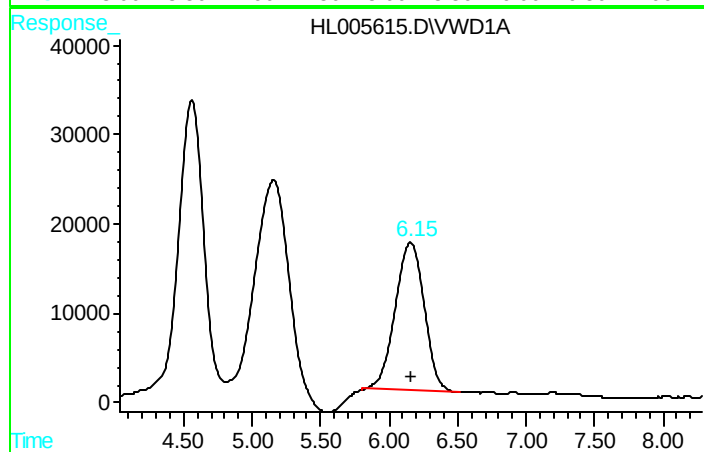
Manual Integrations
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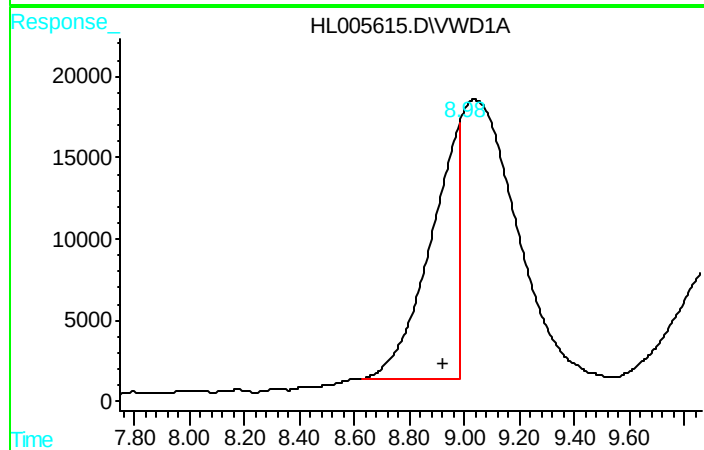
#6 3,5-Dinitroaniline

R.T.: 5.154 min
Delta R.T.: -0.025 min
Response: 4715474
Conc: 335.39 ug/L



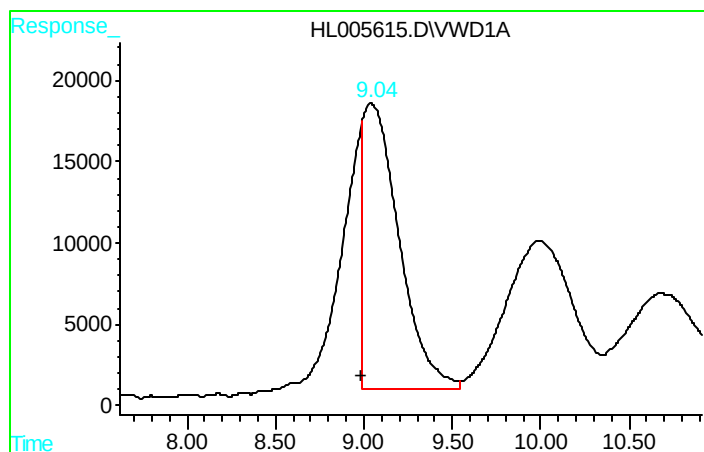
#7 Nitrobenzene

R.T.: 6.154 min
Delta R.T.: -0.010 min
Response: 2425772
Conc: 227.09 ug/L m



#8 Tetryl

R.T.: 8.982 min
Delta R.T.: 0.058 min
Response: 1183851
Conc: 187.81 ug/L m



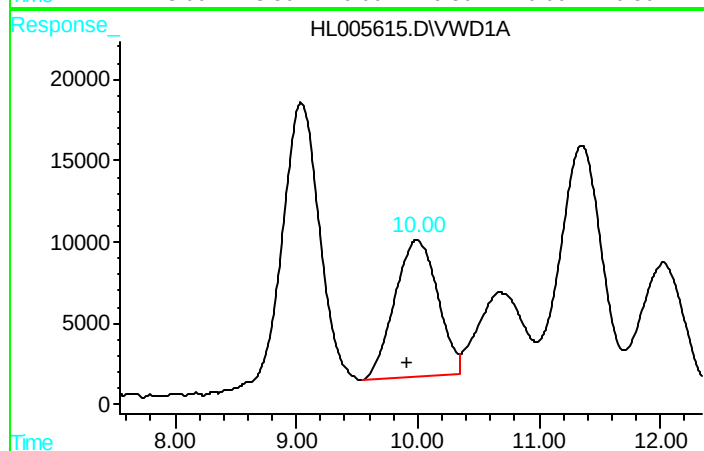
#9 2,4,6-Trinitrotoluene

R.T.: 9.036 min
Delta R.T.: 0.048 min
Response: 2456145
Conc: 211.99 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB72964BS

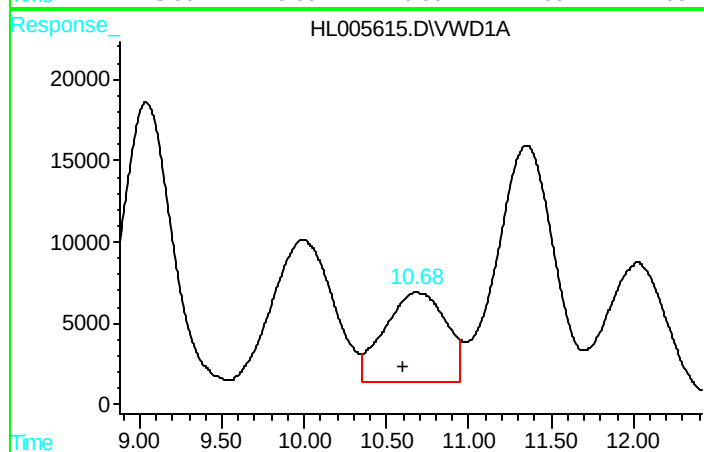
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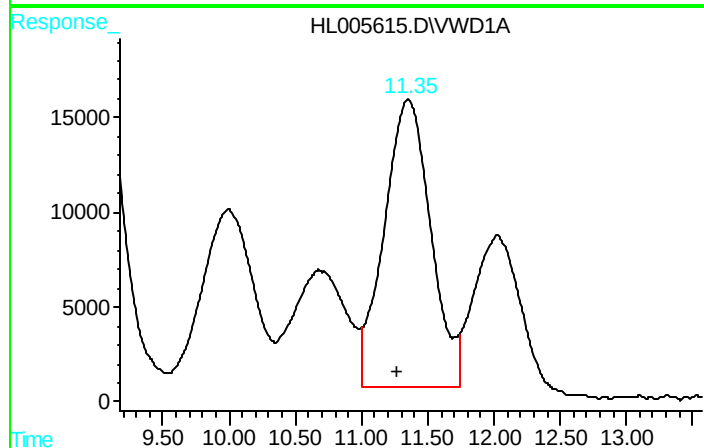
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.996 min
Delta R.T.: 0.079 min
Response: 2066488
Conc: 195.17 ug/L m



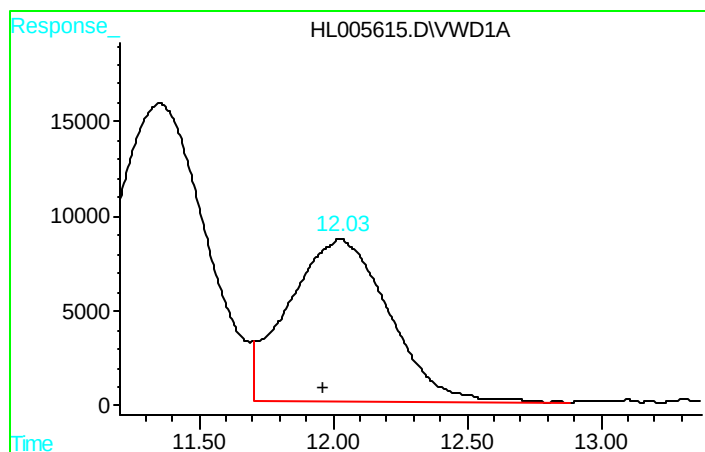
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.676 min
Delta R.T.: 0.077 min
Response: 1396519
Conc: 226.72 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.351 min
Delta R.T.: 0.086 min
Response: 3694355
Conc: 244.72 ug/L m



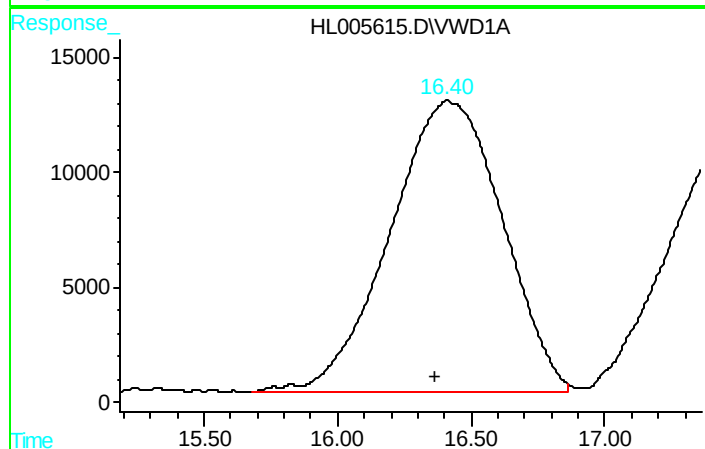
#13 2,6-Dinitrotoluene

R.T.: 12.025 min
Delta R.T.: 0.067 min
Response: 2234144
Conc: 313.25 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB72964BS

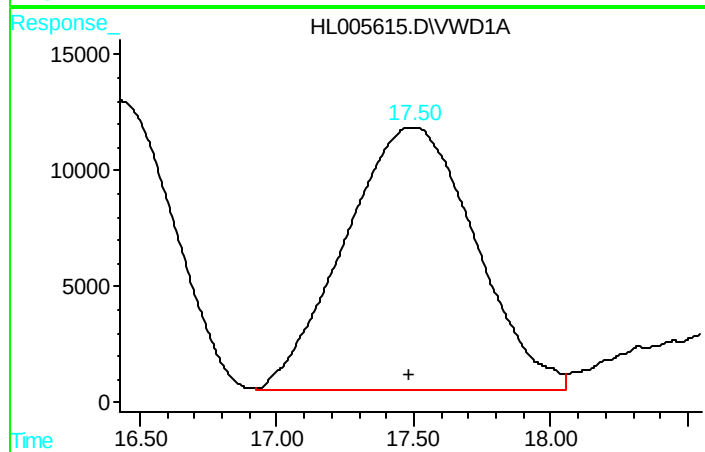
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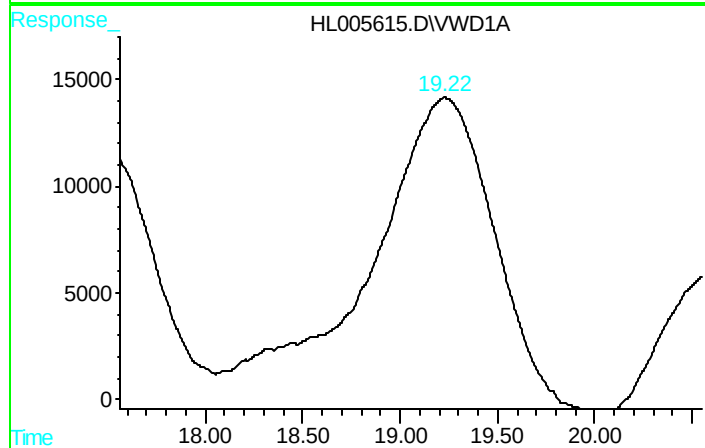
#14 2-Nitrotoluene

R.T.: 16.405 min
Delta R.T.: 0.040 min
Response: 3701083
Conc: 112.18 ug/L m



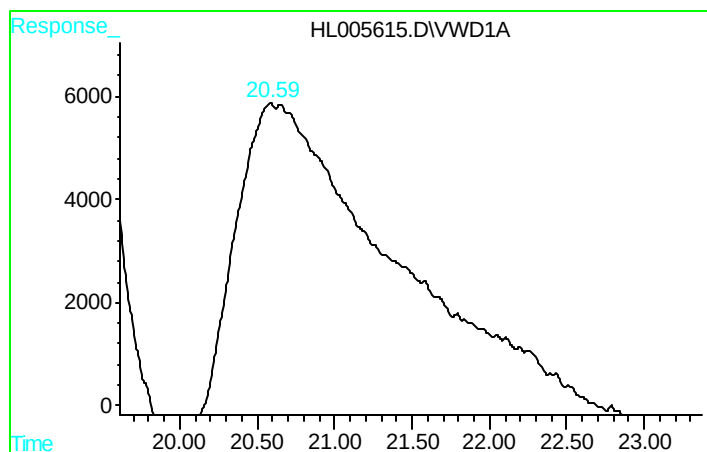
#15 4-Nitrotoluene

R.T.: 17.495 min
Delta R.T.: 0.016 min
Response: 3739259
Conc: 260.20 ug/L m



#16 3-Nitrotoluene

R.T.: 19.231 min
Delta R.T.: 0.009 min
Response: 6902058
Conc: 352.56 ug/L



#17 PETN

R.T.: 20.586 min
Delta R.T.: -1.791 min
Response: 4707166
Conc: 212.81 ug/L m

Instrument :

HPLC_L

ClientSampleId :

PB72964BS

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