

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005498.D Vial: 2
 Acq On : 05-Jul-2013, 14:29 Operator: QM
 Sample : PB70695BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 1:06 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70695BS

Manual Integrations
 APPROVED

QI
 7/9/2013 4:23:08 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.33	1389193	343.023 ug/L
Target Compounds			
2) T HMX	0.89	1157378	251.256 ug/L
3) T RDX	1.74	1372774	272.063 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	2864274	256.941 ug/L
5) T 1,3-Dinitrobenzene	3.62	4343596	278.002 ng/ml
6) T 3,5-Dinitroaniline	4.02	3634657	260.207 ug/L
7) T Nitrobenzene	4.88	2498241	250.978 ug/L m
8) T Tetryl	6.51	1375859	216.455 ug/L m
9) T 2,4,6-Trinitrotoluene	6.67	3149408	268.216 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.27	2688493	228.673 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.66	1502372	233.092 ug/L m
12) T 2,4-Dinitrotoluene	8.36	3824688	255.525 ug/L m
13) T 2,6-Dinitrotoluene	8.80	2158056	257.984 ug/L m
14) T 2-Nitrotoluene	12.13	1714794	268.660 ug/L m
15) T 4-Nitrotoluene	12.88	1312260	243.240 ug/L m
16) T 3-Nitrotoluene	14.22	1672161	240.620 ug/L m
17) T PETN	19.89	2453538	241.322 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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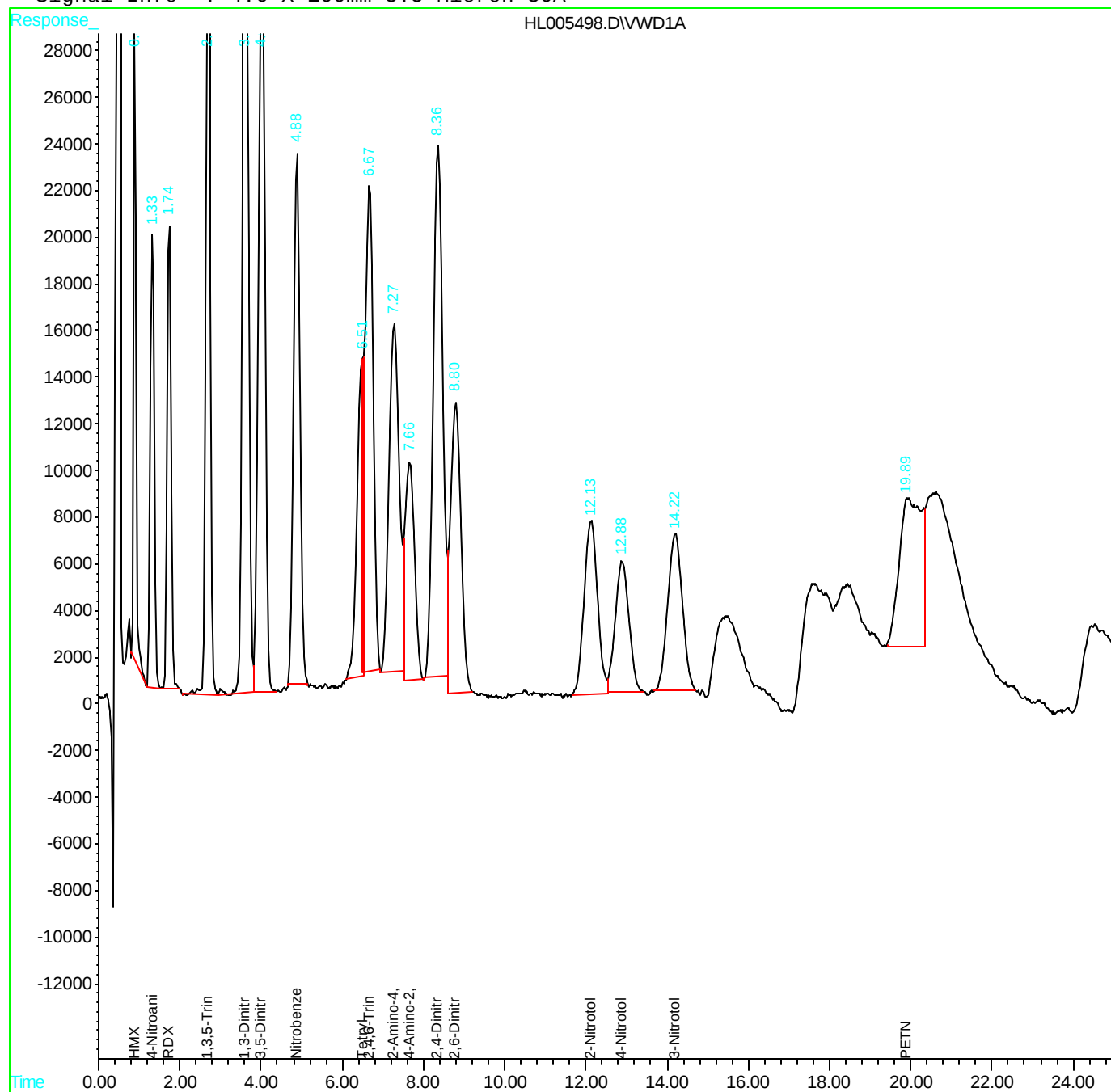
Instrument :
 HPLC_L
 ClientSampleId :
 PB70695BS

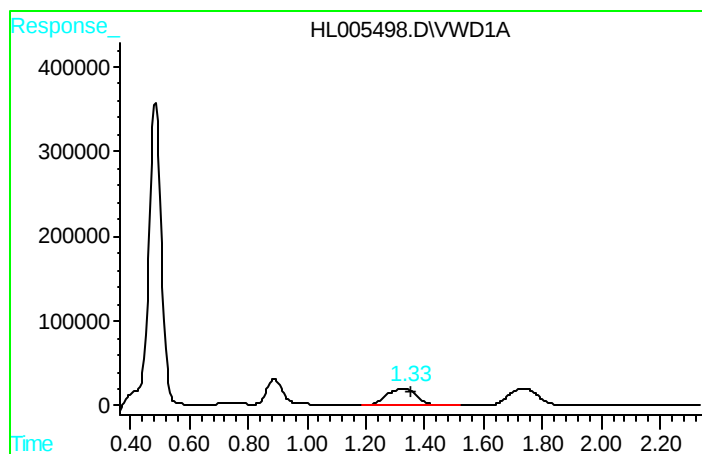
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





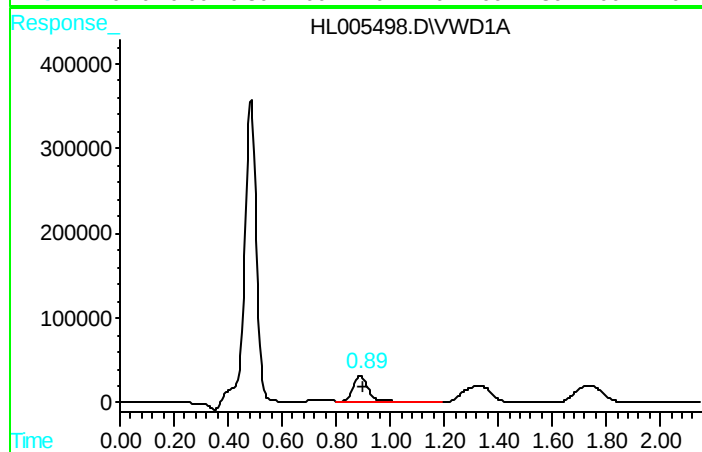
#1 4-Nitroaniline

R.T.: 1.328 min
 Delta R.T.: -0.024 min
 Response: 1389193
 Conc: 343.02 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 PB70695BS

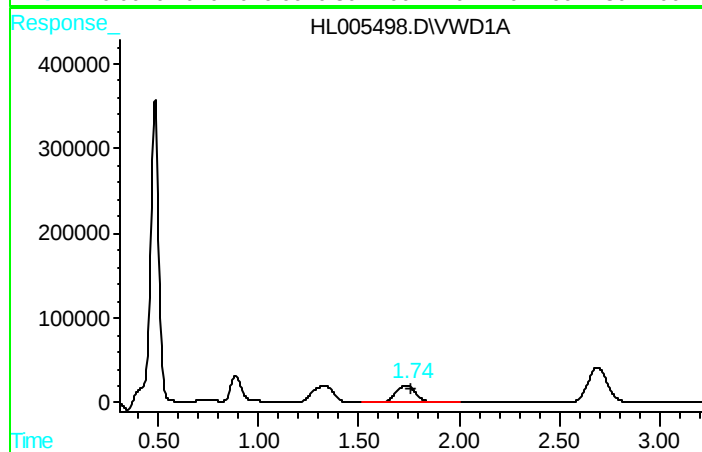
Manual Integrations
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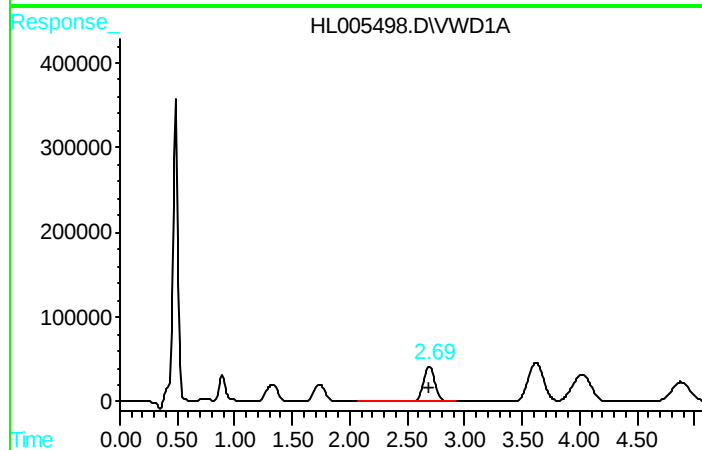
#2 HMX

R.T.: 0.891 min
 Delta R.T.: -0.012 min
 Response: 1157378
 Conc: 251.26 ug/L



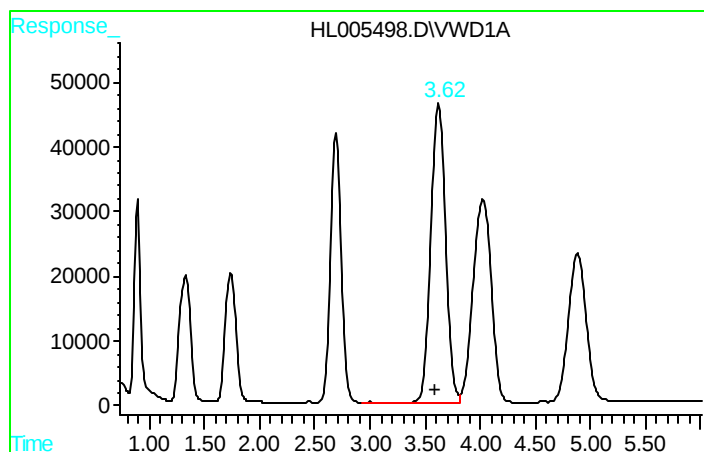
#3 RDX

R.T.: 1.737 min
 Delta R.T.: -0.024 min
 Response: 1372774
 Conc: 272.06 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.691 min
 Delta R.T.: -0.003 min
 Response: 2864274
 Conc: 256.94 ug/L



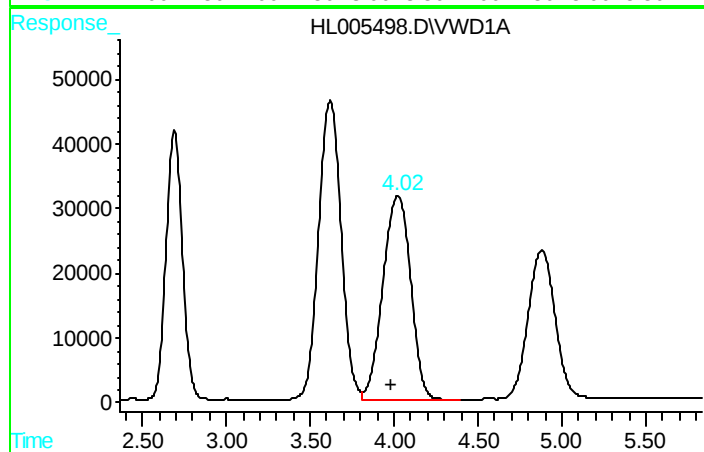
#5 1,3-Dinitrobenzene

R.T.: 3.620 min
Delta R.T.: 0.036 min
Response: 4343596
Conc: 278.00 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB70695BS

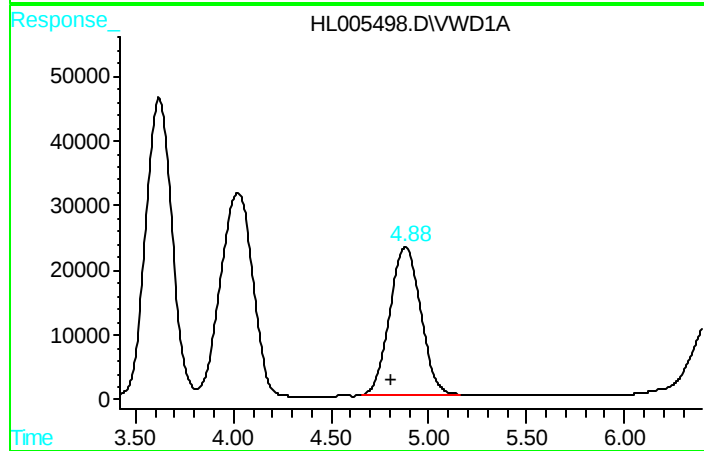
Manual Integrations
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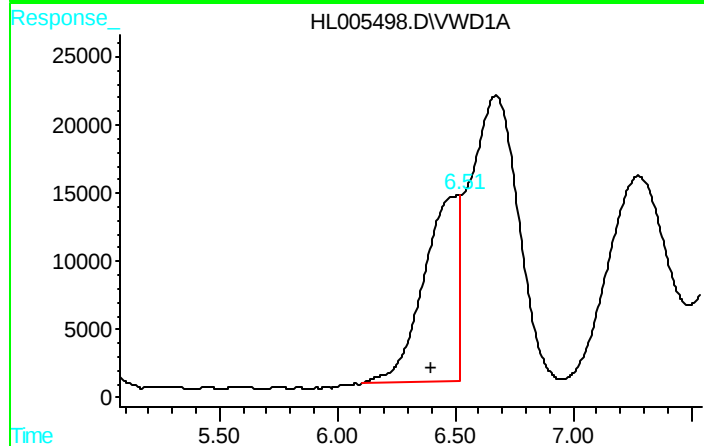
#6 3,5-Dinitroaniline

R.T.: 4.023 min
Delta R.T.: 0.041 min
Response: 3634657
Conc: 260.21 ug/L



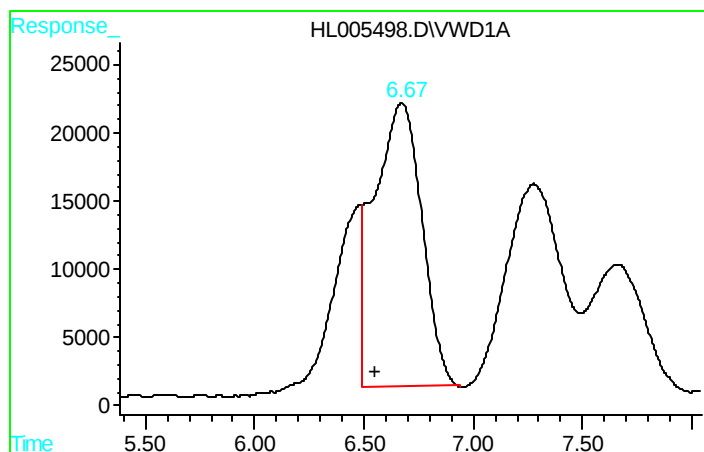
#7 Nitrobenzene

R.T.: 4.879 min
Delta R.T.: 0.076 min
Response: 2498241
Conc: 250.98 ug/L m



#8 Tetryl

R.T.: 6.514 min
Delta R.T.: 0.114 min
Response: 1375859
Conc: 216.45 ug/L m



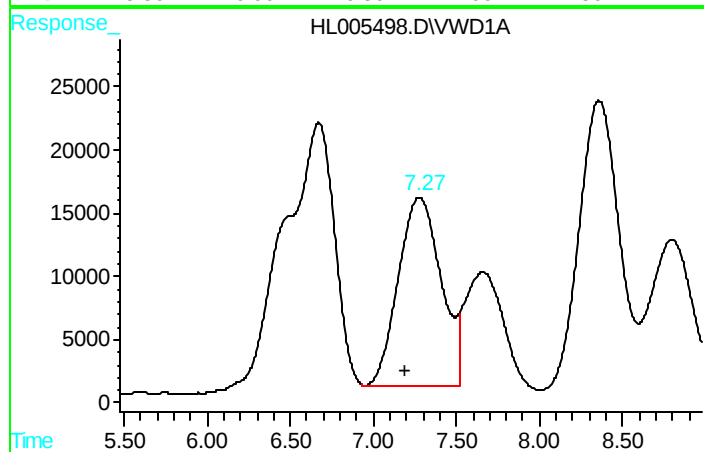
#9 2,4,6-Trinitrotoluene

R.T.: 6.671 min
Delta R.T.: 0.119 min
Response: 3149408
Conc: 268.22 ug/L m

Instrument :
HPLC_L
ClientSampled :
PB70695BS

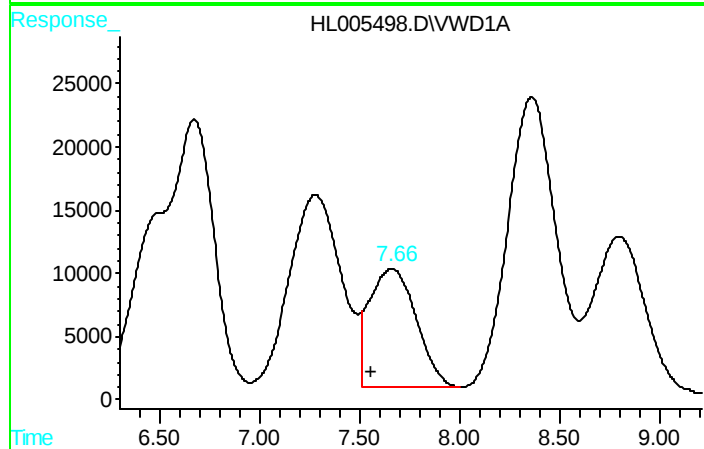
Manual Integrations
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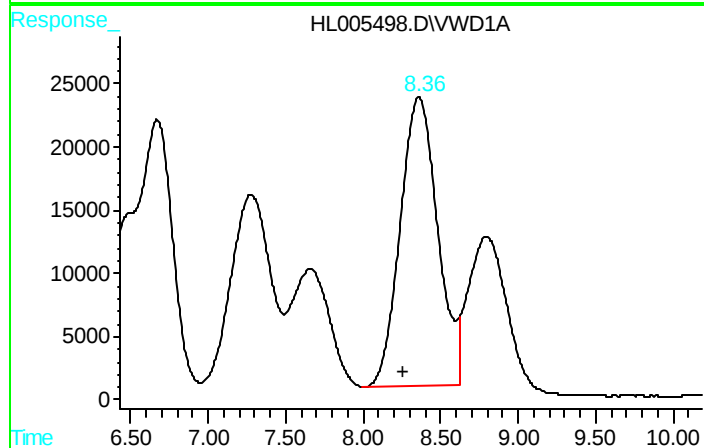
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.274 min
Delta R.T.: 0.084 min
Response: 2688493
Conc: 228.67 ug/L m



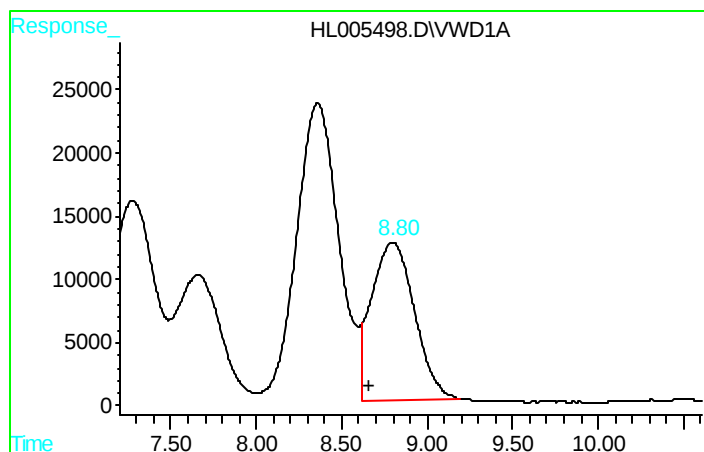
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.660 min
Delta R.T.: 0.100 min
Response: 1502372
Conc: 233.09 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.357 min
Delta R.T.: 0.106 min
Response: 3824688
Conc: 255.52 ug/L m



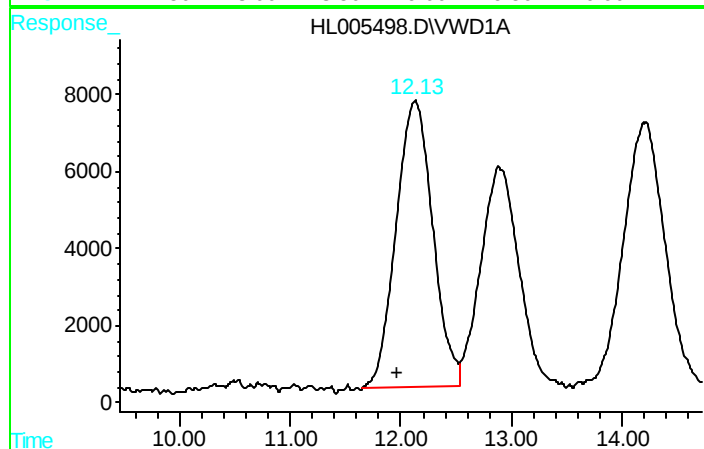
#13 2,6-Dinitrotoluene

R.T.: 8.796 min
Delta R.T.: 0.136 min
Response: 2158056
Conc: 257.98 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB70695BS

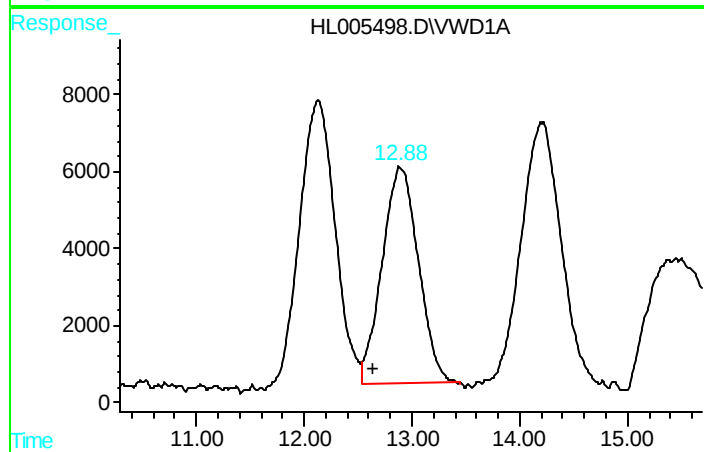
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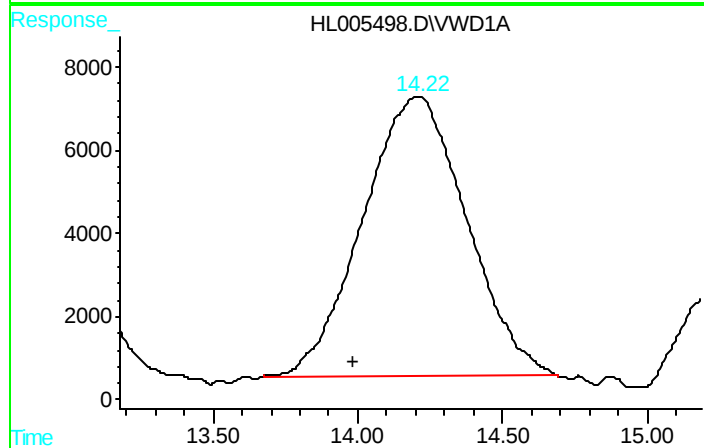
#14 2-Nitrotoluene

R.T.: 12.129 min
Delta R.T.: 0.169 min
Response: 1714794
Conc: 268.66 ug/L m



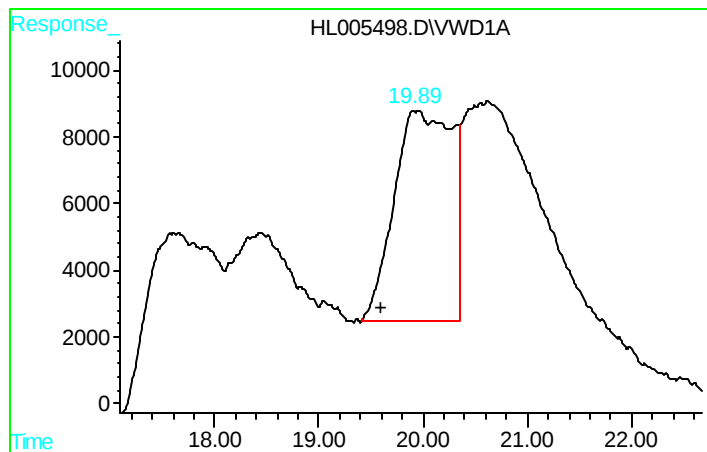
#15 4-Nitrotoluene

R.T.: 12.878 min
Delta R.T.: 0.241 min
Response: 1312260
Conc: 243.24 ug/L m



#16 3-Nitrotoluene

R.T.: 14.218 min
Delta R.T.: 0.238 min
Response: 1672161
Conc: 240.62 ug/L m



#17 PETN

R.T.: 19.893 min
Delta R.T.: 0.293 min
Response: 2453538
Conc: 241.32 ug/L m

Instrument :

HPLC_L

ClientSampleId :

PB70695BS

Manual Integrations
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