

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005624.D Vial: 26
 Acq On : 22-Oct-2013, 01:19 Operator: QM
 Sample : E4155-02MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 7:31 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 YS12-GW04-1013MS

Manual Integrations
 APPROVED

QI
 10/22/2013 11:54:52 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	1.67	1206079	306.315 ug/L
Target Compounds			
2) T HMX	1.10	1315866	292.191 ug/L
3) T RDX	2.17	1271380	236.456 ug/L
4) T 1,3,5-Trinitrobenzene	3.44	2775493	251.879 ug/L
5) T 1,3-Dinitrobenzene	4.63	4685319	260.776 ng/ml
6) T 3,5-Dinitroaniline	5.23	4419875	314.366 ug/L
7) T Nitrobenzene	6.22	2291351	214.507 ug/L m
8) T Tetryl	9.06	1344497	213.299 ug/L m
9) T 2,4,6-Trinitrotoluene	9.10	2130543	183.887 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	10.05	1824683	172.329 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.76	1142158	185.425 ug/L m
12) T 2,4-Dinitrotoluene	11.42	3168591	209.894 ug/L m
13) T 2,6-Dinitrotoluene	12.10	1995108	279.735 ug/L m
14) T 2-Nitrotoluene	16.56	4534594	166.641 ug/L m
15) T 4-Nitrotoluene	17.58	4758110	347.320 ug/L m
16) T 3-Nitrotoluene	19.38	5533734	278.103 ug/L m
17) T PETN	22.90	4239318	191.660 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.

HL005624.D HL102113.M

Thu Oct 24 19:20:25 2013

RPT1

Quantitation Report

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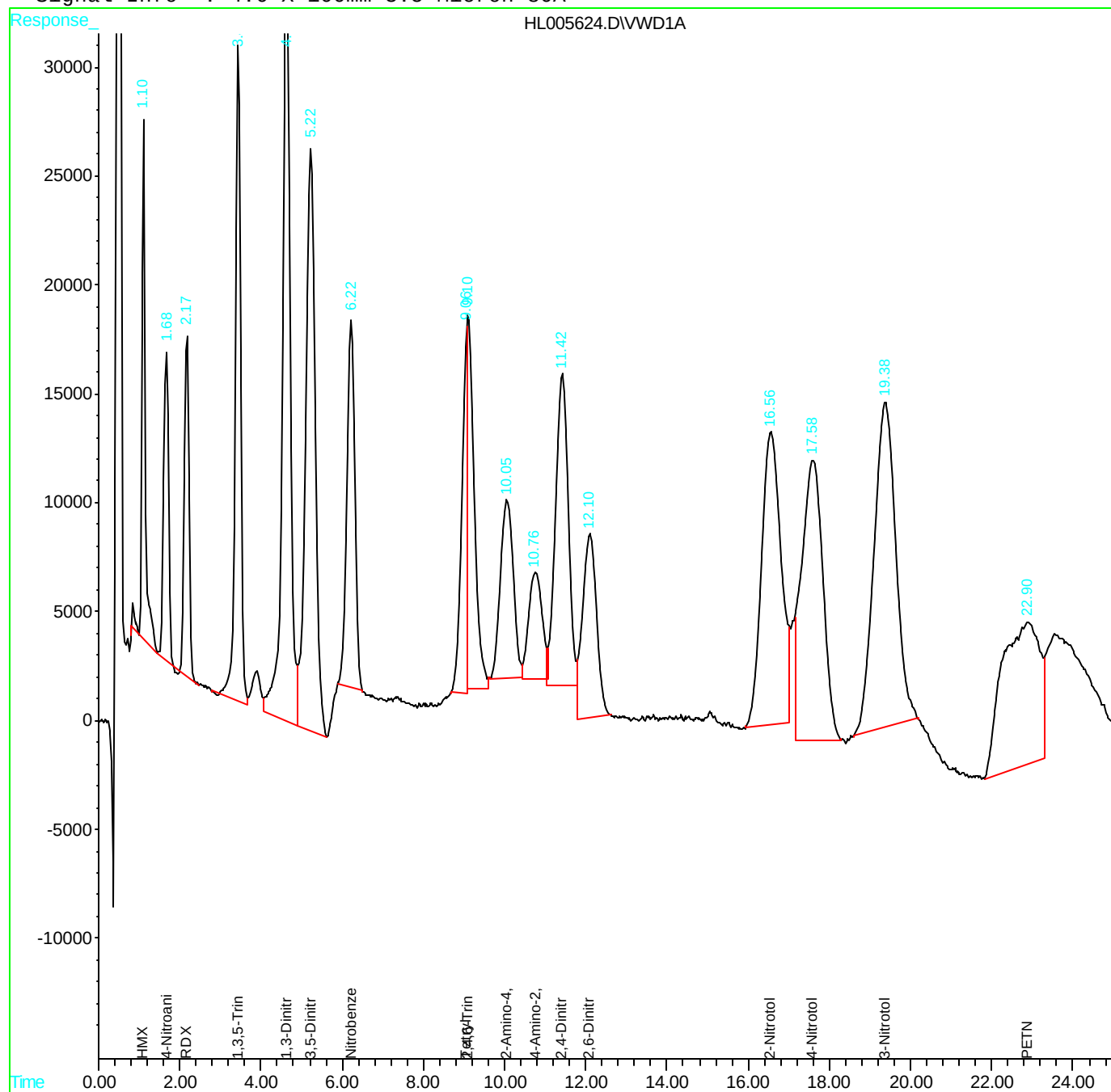
Instrument :
HPLC_L
ClientSampleId :
YS12-GW04-1013MS

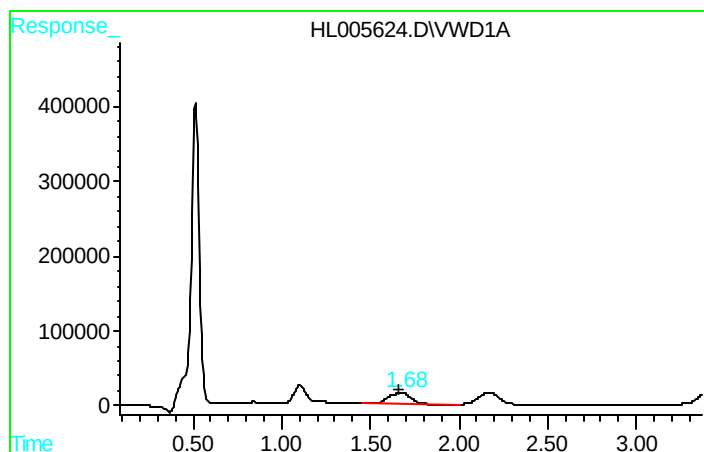
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 06:43:54 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





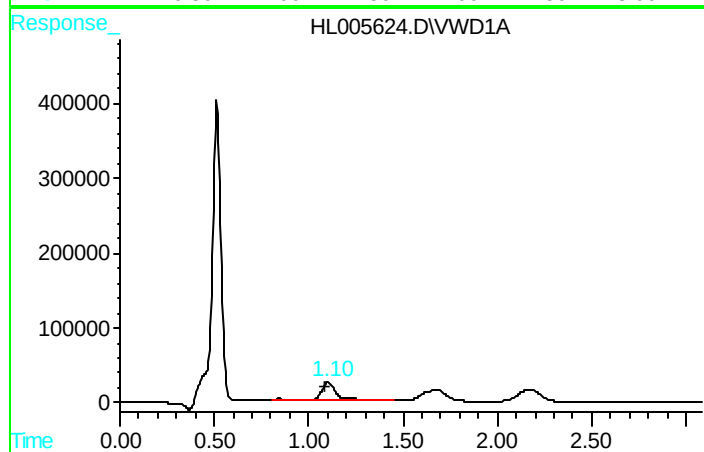
#1 4-Nitroaniline

R.T.: 1.675 min
Delta R.T.: 0.016 min
Response: 1206079
Conc: 306.32 ug/L

Instrument :
HPLC_L
ClientSampleId :
YS12-GW04-1013MS

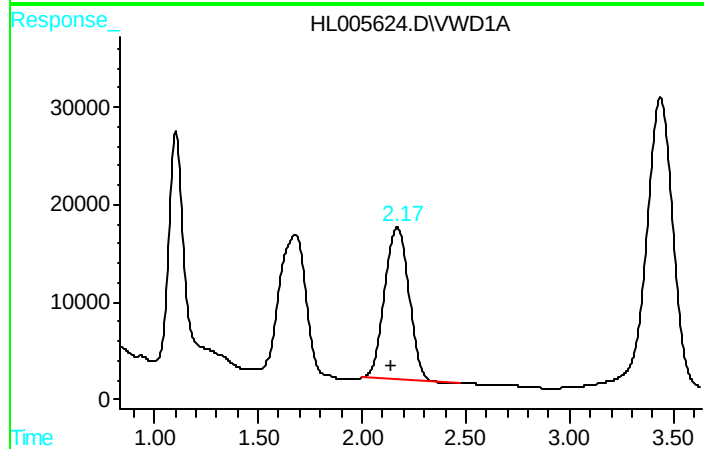
Manual Integrations
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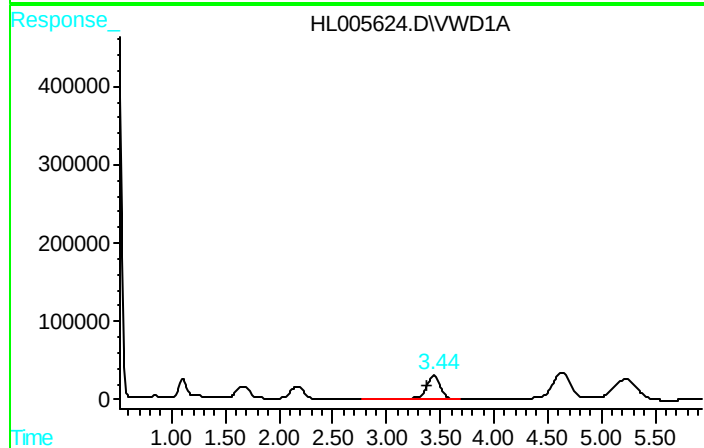
#2 HMX

R.T.: 1.104 min
Delta R.T.: 0.016 min
Response: 1315866
Conc: 292.19 ug/L



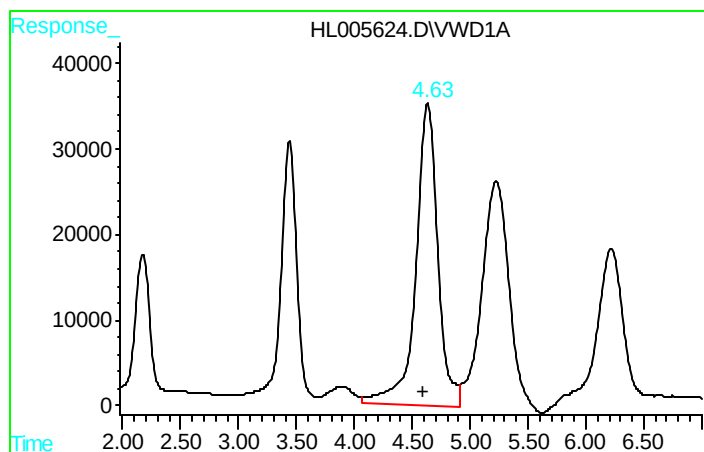
#3 RDX

R.T.: 2.173 min
Delta R.T.: 0.029 min
Response: 1271380
Conc: 236.46 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 3.440 min
Delta R.T.: 0.055 min
Response: 2775493
Conc: 251.88 ug/L



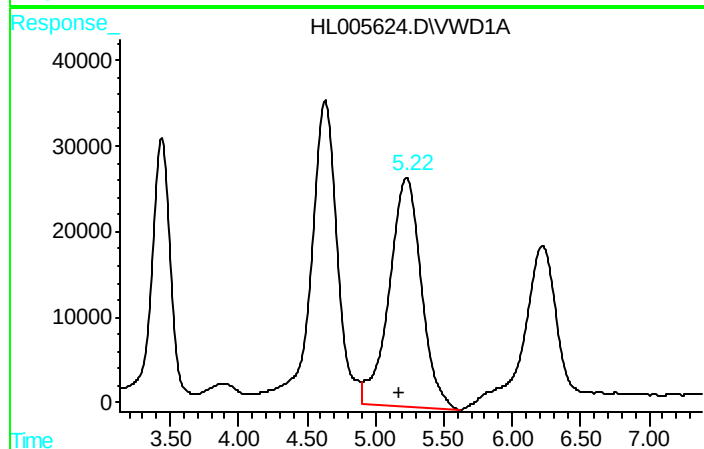
#5 1,3-Dinitrobenzene

R.T.: 4.633 min
Delta R.T.: 0.046 min
Response: 4685319
Conc: 260.78 ng/ml

Instrument :
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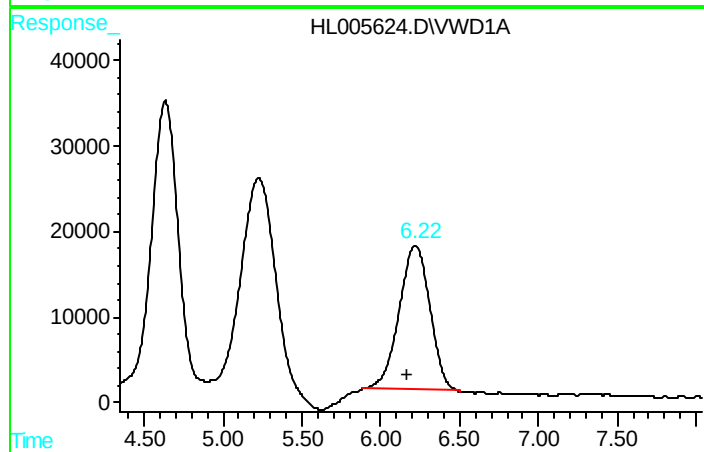
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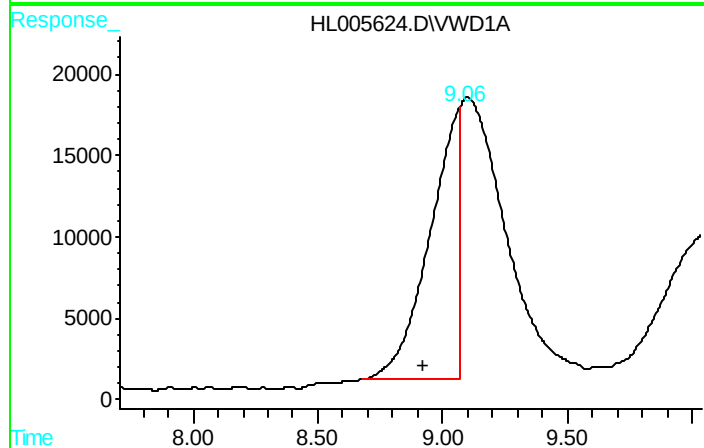
#6 3,5-Dinitroaniline

R.T.: 5.226 min
Delta R.T.: 0.048 min
Response: 4419875
Conc: 314.37 ug/L



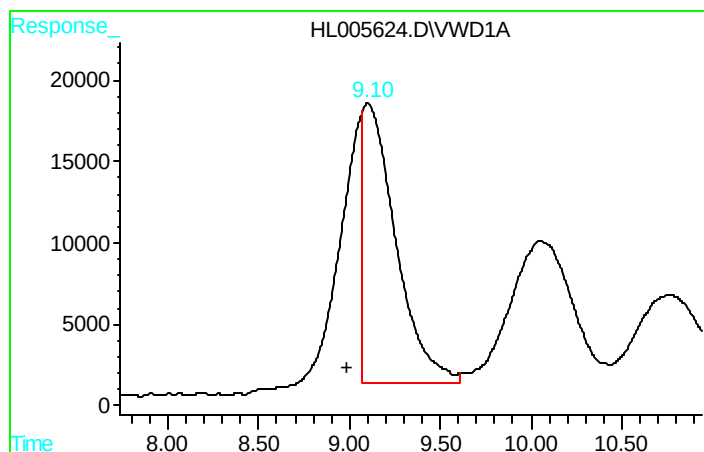
#7 Nitrobenzene

R.T.: 6.218 min
Delta R.T.: 0.055 min
Response: 2291351
Conc: 214.51 ug/L m



#8 Tetryl

R.T.: 9.065 min
Delta R.T.: 0.141 min
Response: 1344497
Conc: 213.30 ug/L m



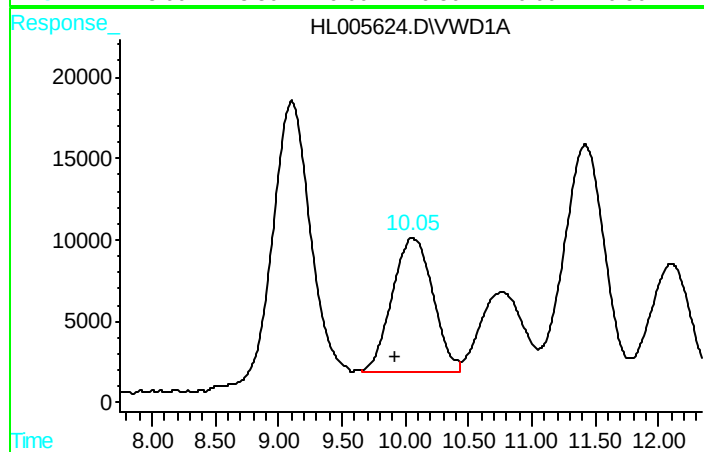
#9 2,4,6-Trinitrotoluene

R.T.: 9.099 min
Delta R.T.: 0.111 min
Response: 2130543
Conc: 183.89 ug/L m

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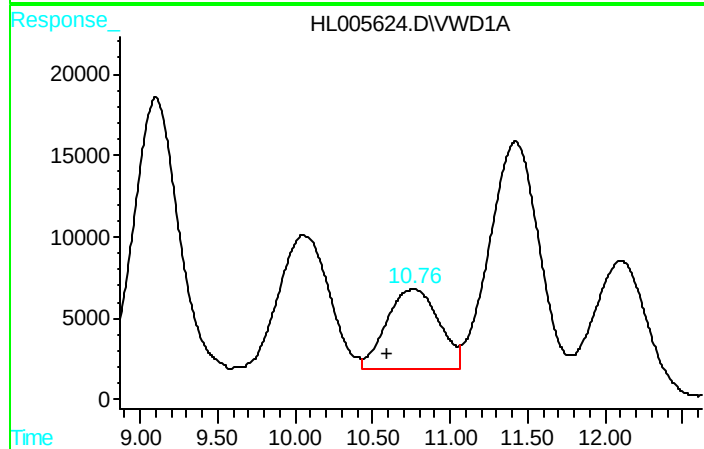
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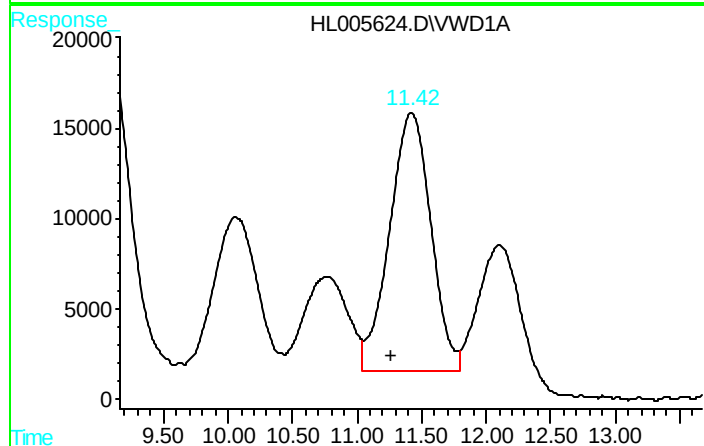
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.049 min
Delta R.T.: 0.132 min
Response: 1824683
Conc: 172.33 ug/L m



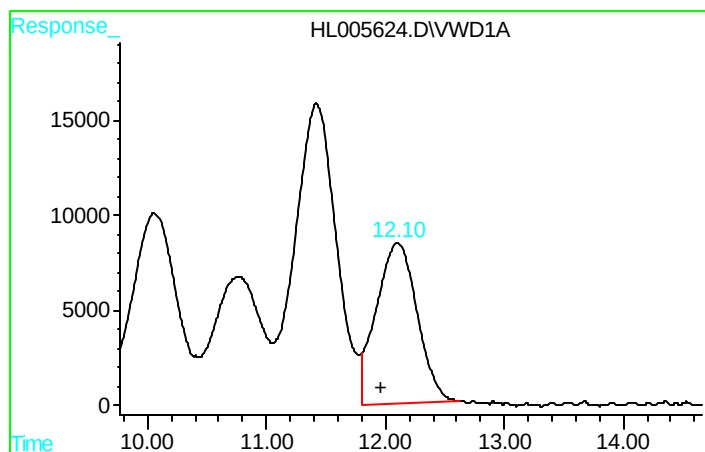
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.756 min
Delta R.T.: 0.157 min
Response: 1142158
Conc: 185.42 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.419 min
Delta R.T.: 0.154 min
Response: 3168591
Conc: 209.89 ug/L m



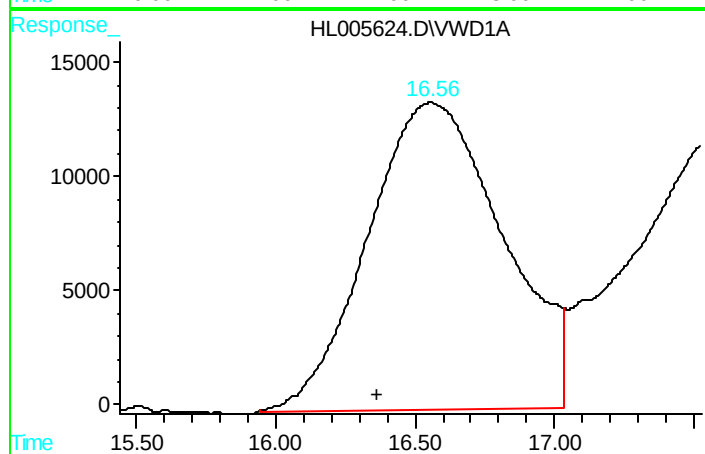
#13 2,6-Dinitrotoluene

R.T.: 12.096 min
Delta R.T.: 0.138 min
Response: 1995108
Conc: 279.74 ug/L m

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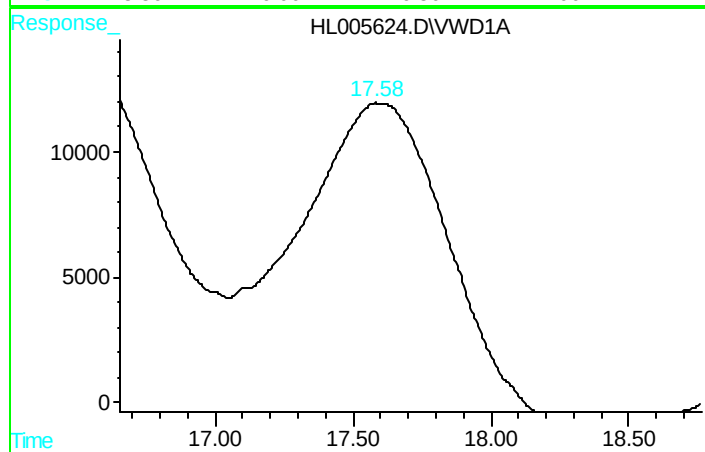
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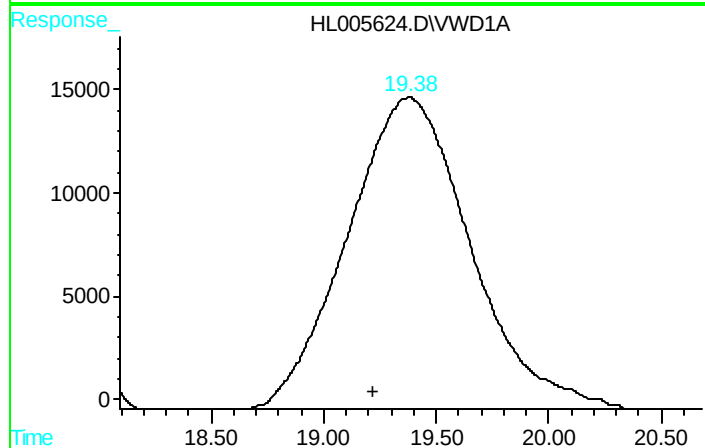
#14 2-Nitrotoluene

R.T.: 16.556 min
Delta R.T.: 0.191 min
Response: 4534594
Conc: 166.64 ug/L m



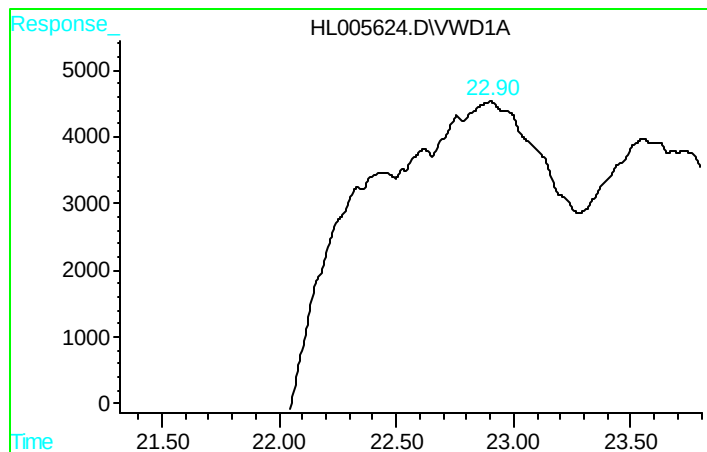
#15 4-Nitrotoluene

R.T.: 17.581 min
Delta R.T.: 0.102 min
Response: 4758110
Conc: 347.32 ug/L m



#16 3-Nitrotoluene

R.T.: 19.380 min
Delta R.T.: 0.158 min
Response: 5533734
Conc: 278.10 ug/L m



#17 PETN

R.T.: 22.902 min
Delta R.T.: 0.525 min
Response: 4239318
Conc: 191.66 ug/L m

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