

# HPLC Application

ID No.: 1323

## Explosives

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4257-E0

**Elution Type:** Isocratic

**Eluent A:** Methanol

**Eluent B:** Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40

**Flow Rate:** 1.1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

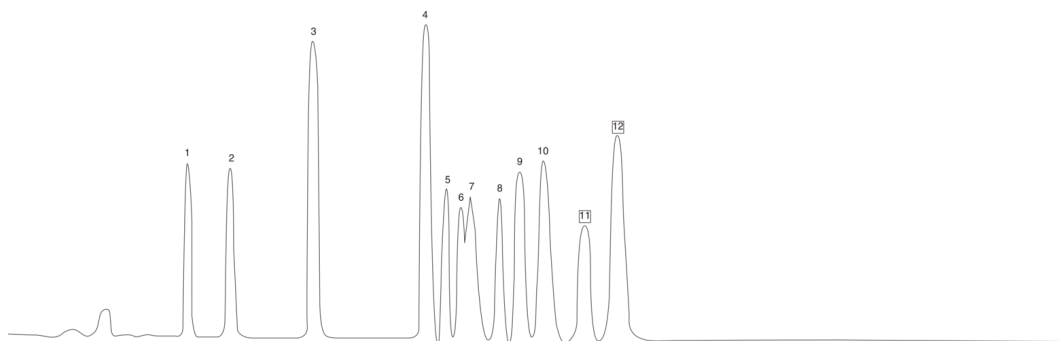
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:



## Explosives

### ANALYTES:

- 1** HMX
- 2** RDX
- 3** NB
- 4** 1,3-DNB
- 5** 2-NT
- 6** 4-Nitrotoluene
- 7** 4-Amino-2,6 dinitrotoluene
- 8** 3-Nitrotoluene
- 9** 2-AM-DNT
- 10** 1,3,5-TNB
- 11** 2,6-DNT
- 12** 2,4-DNT

