

# HPLC Application

ID No.: 12955

## Cyano Project - Competitor Comparisons - Explosives

**Column:** Luna® 5 µm CN 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4255-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** (65/12) Water/Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20

**Flow Rate:** 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.

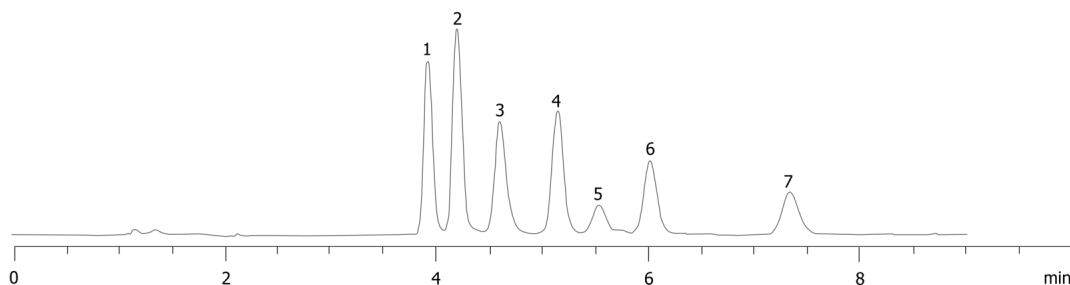
- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305

- Holder Part No.: KJ0-4282

12955



Products used in this application:



### ANALYTES:

- 1 Nitrobenzene
- 2 m-Dinitrobenzene
- 3 1,3,5-Trinitrobenzene
- 4 HMX
- 5 4-Nitrotoluene
- 6 2,4,6-Trinitrotoluene
- 7 Tetryl

