

HPLC Application

ID No.: 1231

Explosives

Column: Luna[®] 5 μ m 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: Acetonitrile

Eluent C: H₃PO₄

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	71.4	14.3	14.3

Flow Rate: 1 mL/min

Col. Temp.: ambient

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

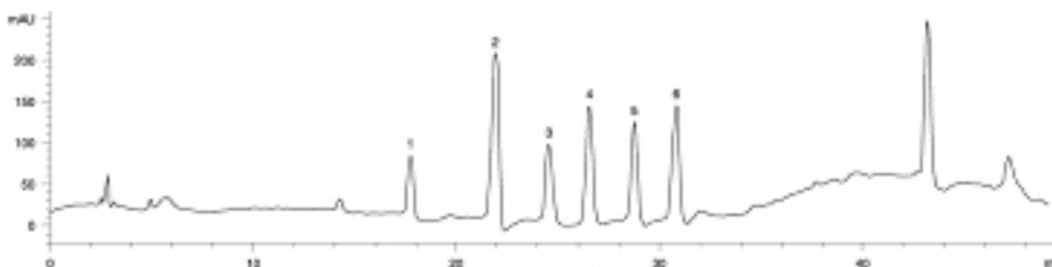
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 2,4-Dinitrobenzoic acid
- 2 Picric acid
- 3 2,3,6-Trinitro-p-cresol
- 4 2,4,6-Trinitro-m-cresol
- 5 3,4,6-Trinitro-o-cresol
- 6 4,5,6-Trinitro-o-cresol

