

HPLC Application

ID No.: 14769

EPA Method 8330 Explosives mix using Synergi Polar-RP

Column: Synergi[™] 4 μ m Polar-RP 80 \AA , LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4336-E0

Elution Type: Isocratic

Eluent A: Water

Eluent B: MeOH

Eluent C: ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	60	5	35

Flow Rate: 1 mL/min

Col. Temp.: 35 $^{\circ}$ C

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

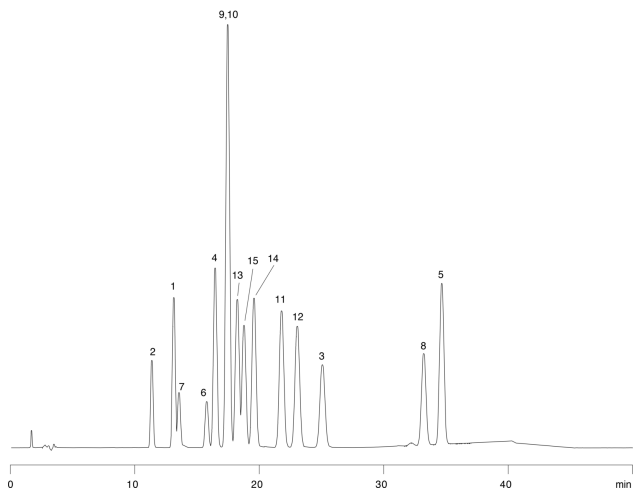
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282



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ANALYTES:

- 1 HMX
- 2 RDX
- 3 1,3,5-Trinitrobenzene
- 4 1,2-Dinitrobenzene
- 5 Tetryl
- 6 1,3-Dinitrobenzene
- 7 Nitrobenzene
- 8 2,4,6-Trinitrotoluene
- 9 4-Amino-dinitrotoluene
- 10 2-Amino-dinitrotoluene
- 11 2,6-Dinitrotoluene
- 12 2,4-Dinitrotoluene
- 13 2-Nitrotoluene
- 14 4-Nitrotoluene
- 15 3-Nitrotoluene

