

HPLC Application

ID No.: 5634

Explosives (EPA Draft Method 8330)

Column: Ultracarb[™] 5 µm ODS (20) 90 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-0206-E0

Elution Type: Isocratic

Eluent A: Methanol

Eluent B: Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	55	45

Flow Rate: 0.8 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 250 nm (ambient)

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

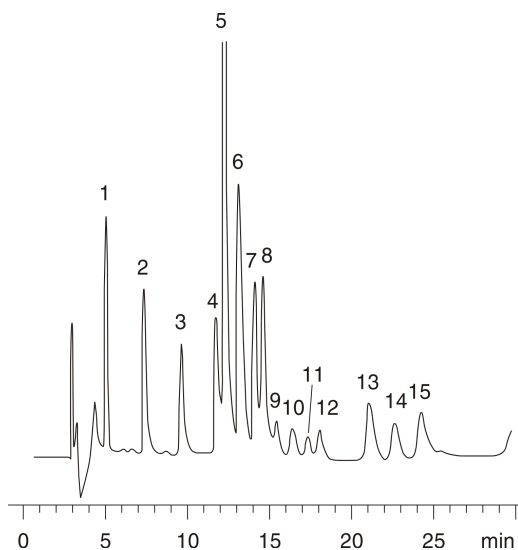
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Ultracarb[™]



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ANALYTES:

- 1** HMX
- 2** RDX
- 3** 1,3,5-TNB
- 4** 1,3-DNB
- 5** Tetryl
- 6** Nitrobenzene
- 7** 3,4-DNT
- 8** 2,4,6-TNT
- 9** 4-Amino-2,6-dinitrotoluene
- 10** 2-Amino-4,6-dinitrotoluene
- 11** 2,6-DNT
- 12** 2,4-DNT
- 13** 2-NT
- 14** 4-Nitrotoluene
- 15** 3-Nitrotoluene

