

HPLC Application

ID No.: 9902

Explosives

Column: Luna® 5 µm CN 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4255-E0

Elution Type: Gradient

Eluent A: Water

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	20	0	100
	3	21	100	0
	4	22	100	0

Flow Rate: 0.7 mL/min

Col. Temp.: 33 °C

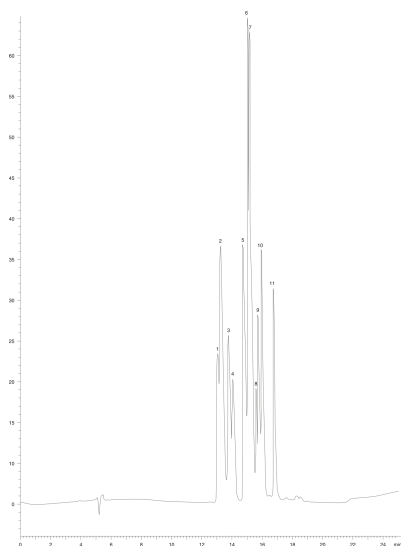
Detection: UV-Vis Abs.-Variable Wave.(UV) @ nm (ambient)

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



Products used in this application:



Explosives

ANALYTES:

- 1** 1,3-DNB
- 2** Nitrobenzene
- 3** 1,3,5-TNB
- 4** RDX
- 5** 2-NT, 3-NT, 4-NT
- 6** 2,4-DNT, 2,6-DNT
- 7** 2AM-DNT, 4AM-DNT
- 8** HMX
- 9** 3,4-DNT
- 10** 2,4,6-TNT
- 11** Tetryl

