

# HPLC Application

ID No.: 14496

## EPA Method 8318, N-Methylcarbamates

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4252-E0

**Elution Type:** Gradient

**Eluent A:** 0.4% Phosphoric Acid

**Eluent B:** 50:50 Acetonitrile:Methanol

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	1	0	80	20
	2	20	0	100
	3	30	0	100

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

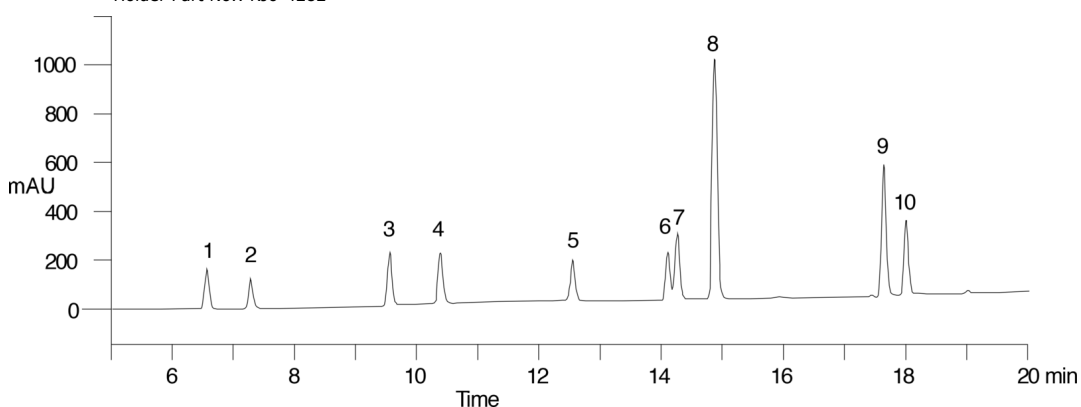
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

- 1 Aldicarb
- 2 Methomyl
- 3 3-Hydroxycarbofuran
- 4 Dioxacarb
- 5 Aldicarb
- 6 Propoxur
- 7 Carbofuran
- 8 Carbaryl
- 9 Methiocarb
- 10 Promecarb

