

## DNPH Aldehydes

**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:** Water - tetrahydrofuran (99.9:0.1, v/v)

**Eluent B:** Acetonitrile - tetrahydrofuran (99.9:0.1, v/v)

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	70	30
	<b>2</b>	30	30	70

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 380 nm (ambient)

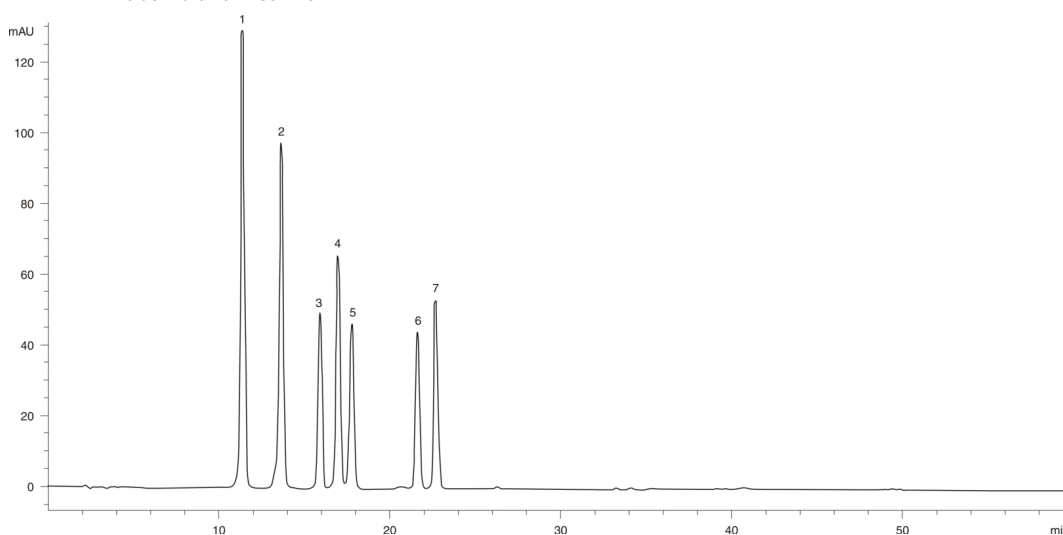
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Formaldehyde DNPH
- 2 Acetaldehyde DNPH
- 3 Acetone DNPH
- 4 Acrolein DNPH
- 5 Propionaldehyde DNPH
- 6 Butyraldehyde DNPH
- 7 Benzaldehyde DNPH

