

HPLC Application

ID No.: 2546

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)

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

Flow Rate: 1.5 mL/min

Col. Temp.: ambient

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

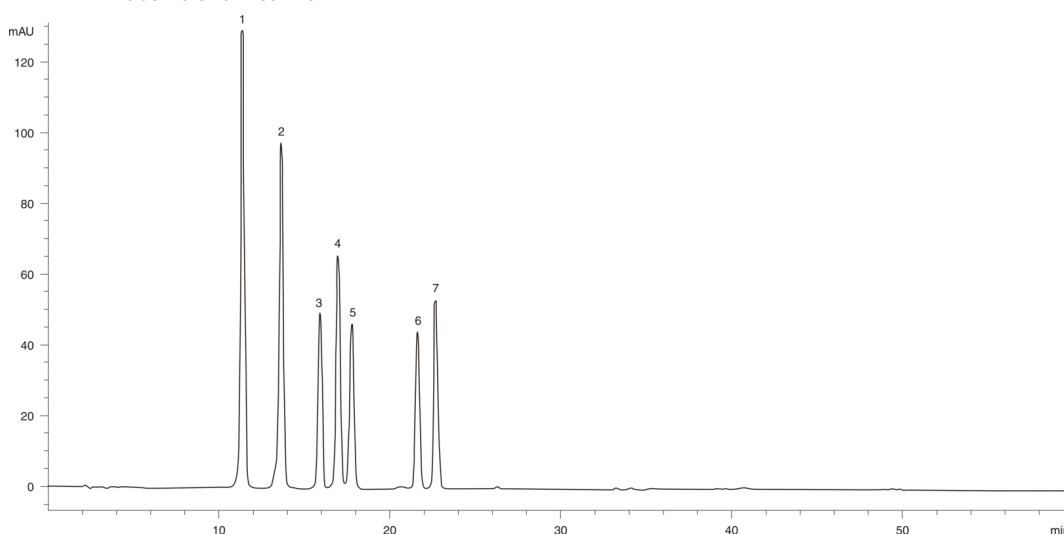
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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

