

HPLC Application

ID No.: 14261

DNPH Aldehydes - 11min Method

Column: Jupiter[®] 5 μ m C4 300 \AA , LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4167-E0

Elution Type: Gradient

Eluent A: Water

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	7	61	39
	3	12	30	70

Flow Rate: 2.5 mL/min

Col. Temp.: ambient

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

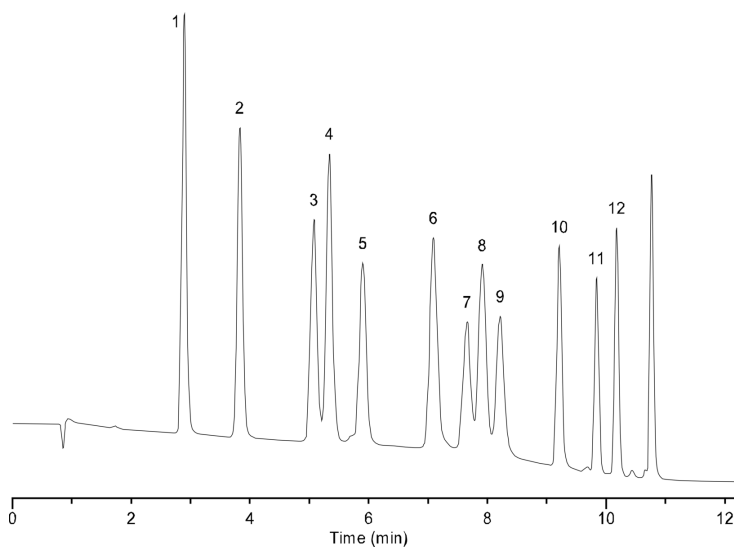
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Widedpore C4 4 x 3.0mm, 10/Pk Part No.: AJ0-4330

- Holder Part No.: KJ0-4282



Products used in this application:



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ANALYTES:

- 1 Formaldehyde
- 2 Acetaldehyde
- 3 Acetone
- 4 Acrolein
- 5 Propionaldehyde
- 6 Crotonaldehyde
- 7 Methyl ethyl ketone
- 8 Methacrolein
- 9 Butyraldehyde
- 10 Benzaldehyde
- 11 Valeraldehyde
- 12 m-Tolualdehyde
- 13 Hexanal

