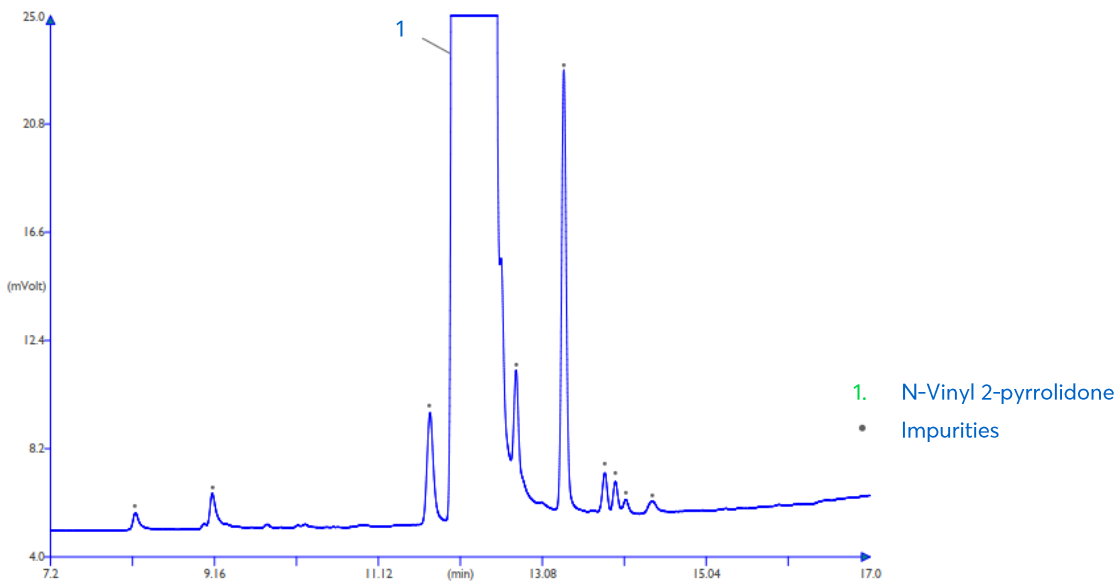


# Application note # C-13093

## N-Vinyl 2-Pyrrolidone and its Impurities using the Avantor® Hichrom HI-PS264 Phase



**Figure 1:** Separation of N-vinyl 2-pyrrolidone and its impurities using the Avantor® Hichrom HI-PS264 phase.

# Method Details

## CONDITIONS

Oven Program:	40 °C, 10 °C/min, 200 °C
Carrier Gas:	Helium, 40 kPa
Injector:	Split, 250 °C, 1 µL injection volume, 50 mL/min split flow
Detector:	FID, 250 °C

The HI-PS264 is a low polarity GC phase with a 5.8% Phenyl, 0.2% Vinyl, 94% Methyl Polysiloxane composition. Suitable for high film thickness columns. It is well suited for the analysis of solvents, alcohols and volatiles.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-PS264	GC Column	0.32 mm, 5.00 µm, 15 m	HI59-32-500-15