

# Application note # C-13041

## Separation of Diethylene Glycol and Diols using the Avantor<sup>®</sup> Hichrom HI-ACID (FFAP) phase

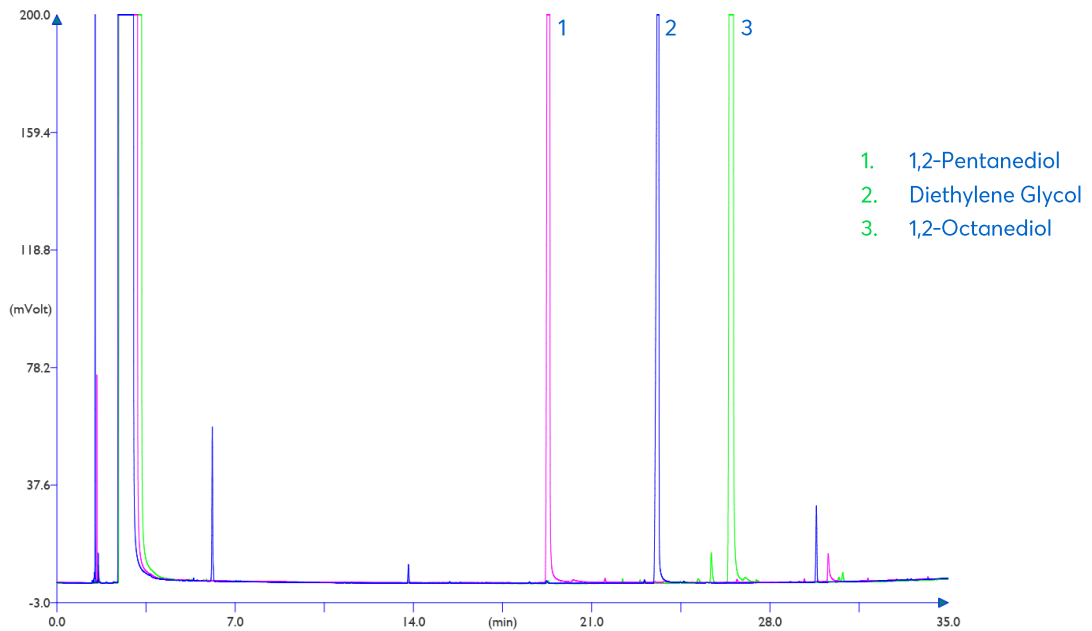


Figure 1: Separation of Diethylene Glycol and Diols using the Avantor<sup>®</sup> Hichrom HI-ACID (FFAP) phase.

# Method Details

## CONDITIONS

Oven Program:	65 °C, 5 °C/min, 245 °C
Carrier Gas:	Hydrogen, 100 kPa
Injector:	Split, 250 °C, 50 mL/min split flow, 1.0 µL injected volume
Detector:	FID, 250 °C
Sample Dilution:	0.2% each compound

The HI-ACID (FFAP) column is a nitroterephthalic acid modified polyethylene glycol (PEG) phase of high polarity. Useful for the analysis of free fatty acids, flavours and fragrances, amides, alcohols and glycols.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-ACID (FFAP)	GC Column	0.32 mm, 0.50 µm, 50 m	HI10-32-050-50