

Application note # C-13097

Separation of Benzyl Alcohol Impurities using the Avantor[®] Hichrom HI-FFAP EXT Phase

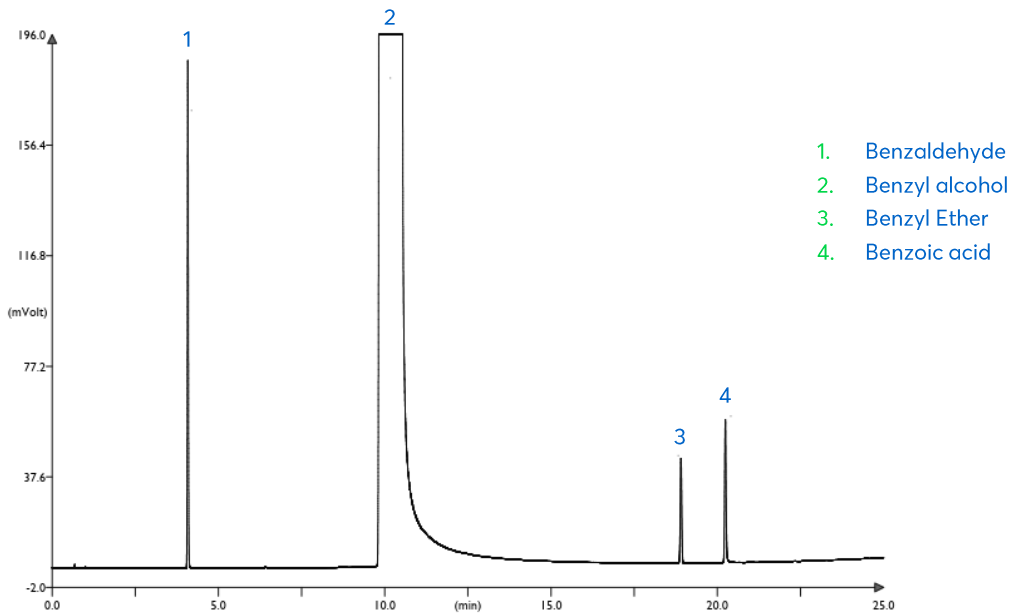


Figure 1: Separation of benzyl alcohol impurities using the Avantor[®] Hichrom HI-FFAP EXT phase.

Method Details

CONDITIONS

Oven Program:	100 °C, 5 °C/min
Carrier Gas:	Hydrogen, 80 kPa
Injector:	Split 250 °C, 80 mL/min split flow, 1 µL injecton volume
Detector:	FID, 250 °C
Sample:	5 ng into the column each of Benzaldehyde, Benzyl ether and Benzoic acid

The HI-FFAP EXT is a nitroterephthalic acid modified polyethylene glycol (PEG) phase of high polarity, with an extended temperature range and aqueous sample compatibility. Useful for the analysis of free acids, flavour compounds, alcohols and polar compounds.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-FFAP EXT	GC Column	0.32 mm, 0.50 µm, 30 m	HI44-32-050-30