

Application note # C-13150

Separation of Xylene Isomers using the Avantor® Hichrom HI-ACID (FFAP) Phase

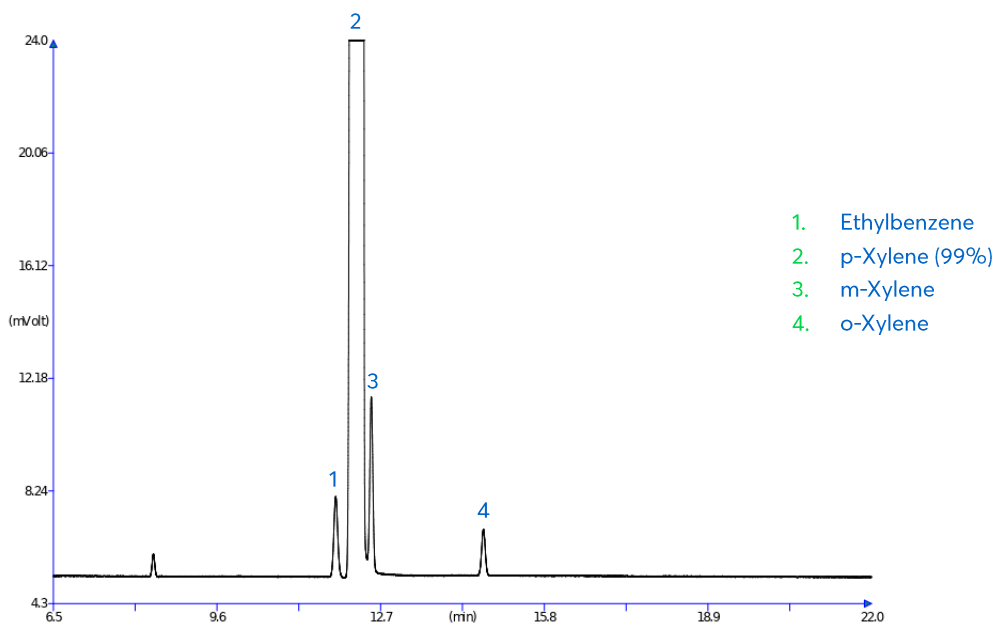


Figure 1: Separation of xylene isomers (99% p-Xylene) using the Avantor® Hichrom HI-ACID (FFAP) phase.

Method Details

CONDITIONS

Oven Program:	65 °C, 2 °C/min, 150 °C
Carrier Gas:	Helium, 150 kPa
Injector:	Split, 250 °C, 0.5 µL, 350 mL/min split flow
Detector:	FID, 250 °C

The HI-ACID (FFAP) 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, 1.00 µm, 50 m	HI10-32-100-50