

## Application note # C-13015

# Benzene and Aromatic Volatile Compounds in Air using the Avantor<sup>®</sup> Hichrom HI-WAX Phase

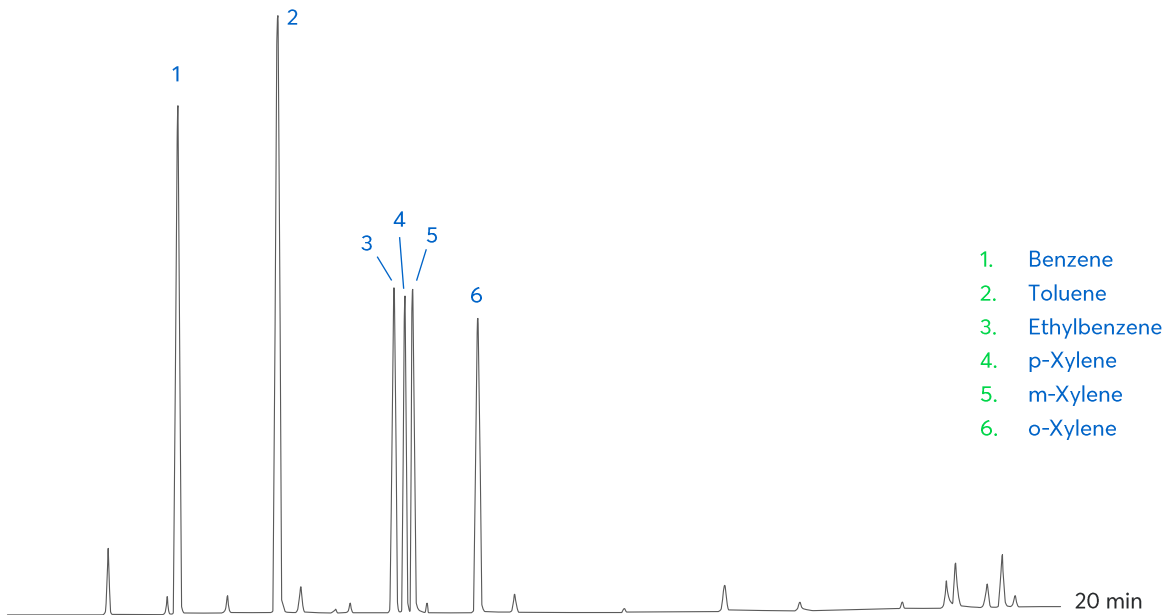


Figure 1: Separation of benzene and aromatic volatile compounds in air using the Avantor<sup>®</sup> Hichrom HI-WAX Phase.

# Method Details

## CONDITIONS

Oven Program:	40 °C (5 min), 5 °C/min, 200 °C
Carrier Gas:	Helium, 1.5 mL/min, constant flow
Injector:	Thermal Desorber (Tenax GR trap, 300 °C)
Split Injector:	80 °C, split flow 10 mL/min
Detector:	FID, 200 °C

The HI-WAX is a high polarity polyethylene glycol (PEG) phase for a wide range of applications such as essential oils, flavours and fragrances, FAMEs, aromatic compounds and solvents.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-WAX	GC Column	0.25 mm, 0.25 µm, 30 m	HI09-25-025-30