

# Separation of Organochlorine Pesticides using the Avantor<sup>®</sup> Hichrom HI-5 Phase

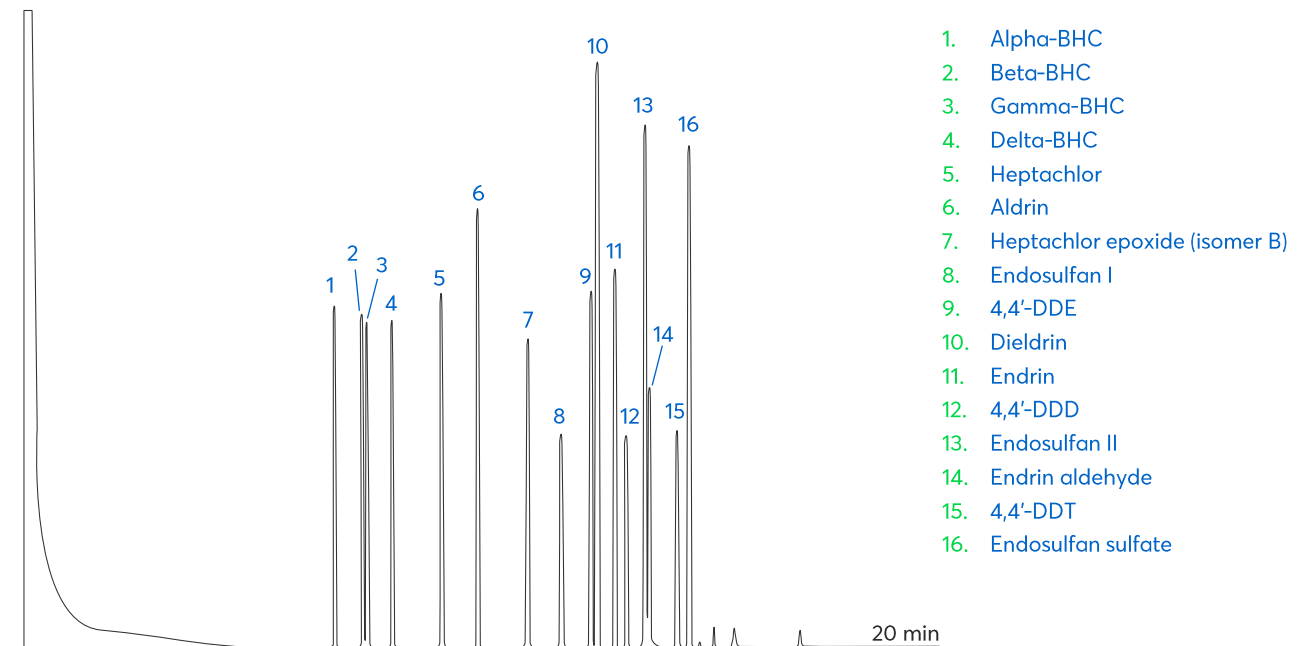


Figure 1: Separation of organochlorine pesticides using the Avantor<sup>®</sup> Hichrom HI-5 phase.

# Method Details

## CONDITIONS

Oven Program:	65 °C, 20 °C/min, 150 °C, 7 °C/min, 260 °C
Carrier Gas:	Hydrogen, 60 kPa
Injection:	On-Column, 1 µL
Detector:	FID, 280 °C
Sample Dilution:	20 µg/mL each in hexane: toluene (1:1)

The HI-5 is a versatile general-purpose column with a low-polarity stationary phase with a 5% phenyl, 95% methyl polysiloxane composition. It is well suited to a variety of applications including pesticides, essential oils, PCBs, semi-volatiles, solvent impurities, phenols and many more.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-5	GC Column	0.32 mm, 0.25 µm, 30 m	HI02-32-025-30