

Application note # C-13087

Chlorinated Hydrocarbons using the Avantor® Hichrom HI-5 (EPA Method 612)

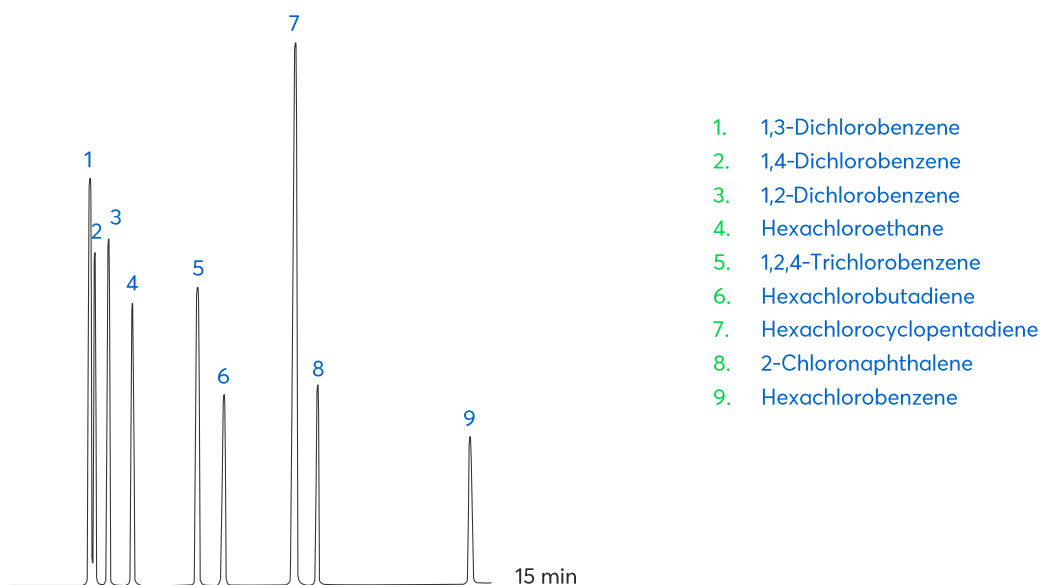


Figure 1: Separation of chlorinated hydrocarbons using the Avantor® Hichrom HI-5 phase (EPA Method 612).

Method Details

CONDITIONS

Oven Program:	50 °C, 8 °C/min, 150 °C
Carrier Gas:	Helium, 20 kPa
Injector:	On-column, 1 µL
Detector:	ECD, 250 °C
Sample:	20 µg/mL each in Isooctane

Always check the latest and official method information from the EPA prior to analysis.

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	0.53 mm, 1.50 µm, 15 m	HI02-53-150-15