

Application note # C-12995

Fast Pesticide Analysis using the Avantor® Hichrom HI-1701 Phase

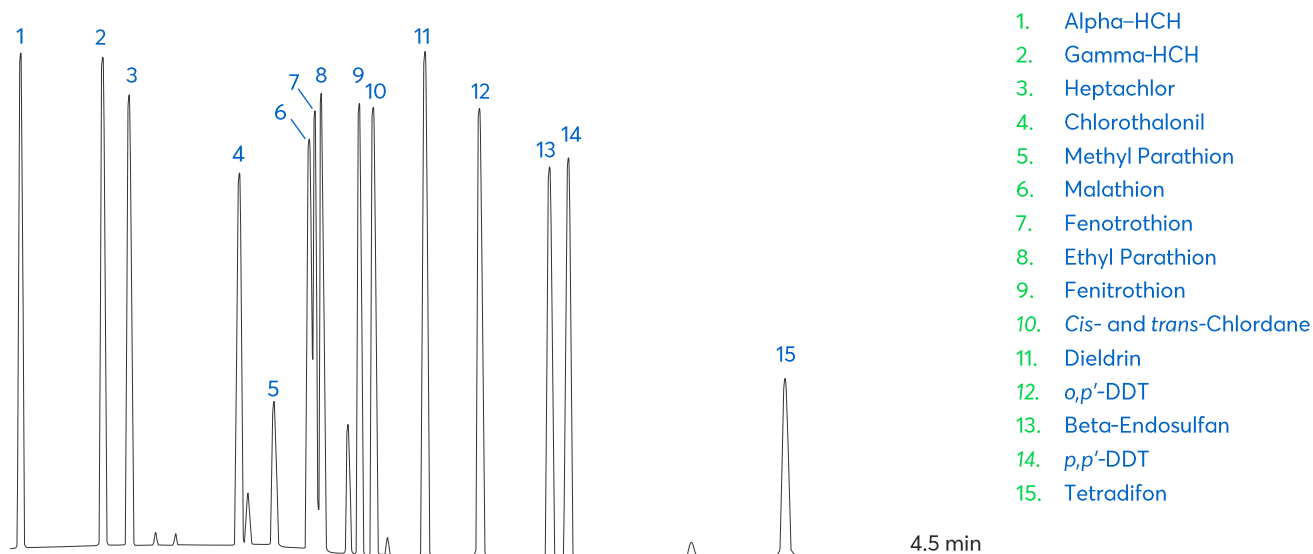


Figure 1: Fast pesticide separation using the Avantor® Hichrom HI-1701 phase.

Method Details

CONDITIONS

Oven Program:	50 °C (0.1 min), 40 °C/min, 250 °C
Carrier Gas:	Hydrogen, 0.5 mL/min
Injector:	Split 230 °C, 0.5 µL, 1:200 Split Ratio
Detector:	FID, 250 °C
Sample Dilution:	1% in Cyclohexane

The HI-1701 is a mid-polarity phase with a crossbonded 14% cyanopropylphenyl, 86% methyl polysiloxane composition. It is well suited for a variety of applications including pesticides, residual solvents, allergens and essential oils.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-1701	GC Column	0.10 mm, 0.10 µm, 5 m	HI06-10-010-5

Acknowledgement: Prof. C.Bicchi, C.Brunelli et al. Università di Torino, Dipartimento di Scienza e Tecnologia del Farmaco, Via Pietro Giuria, 9 Torino, Italy