

Application note # C-12998

Organophosphate Pesticides using the Avantor® Hichrom HI-1 GC Phase

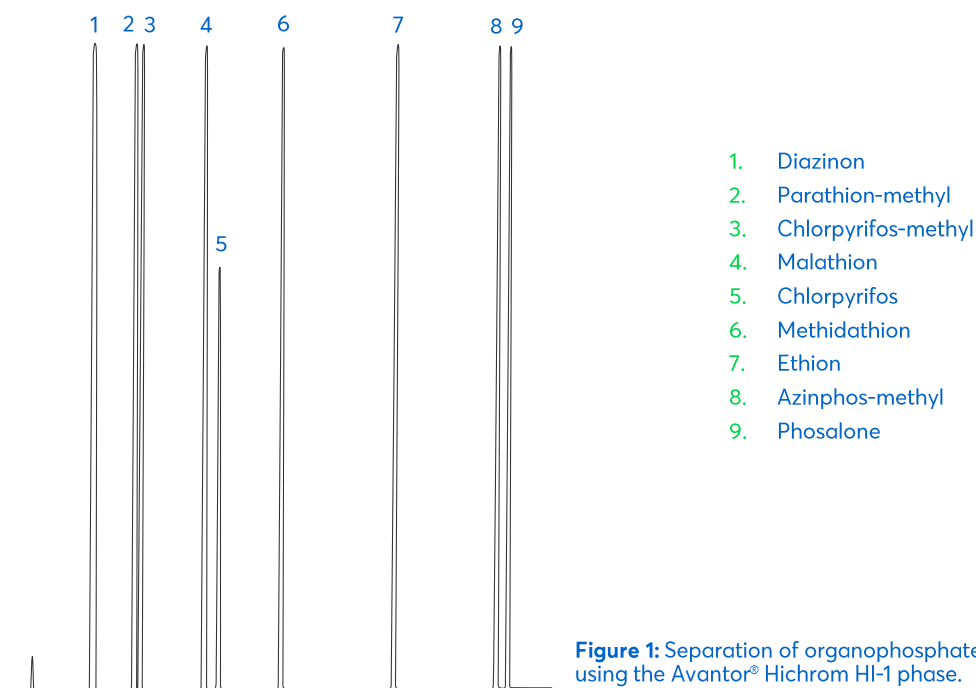


Figure 1: Separation of organophosphate pesticides using the Avantor® Hichrom HI-1 phase.

Method Details

CONDITIONS

Oven Program:	160 °C (1 min), 5 °C/min, 250 °C
Carrier Gas:	Hydrogen, 60 kPa
Injector:	Split 250 °C, 1.0 µL, 1:20 Split Ratio
Detector:	FPD, 160 °C

The HI-1 is a versatile general-purpose column with an apolar 100% dimethylpolysiloxane stationary phase.

Suitable for a wide range of applications including PCBs, solvent impurities, natural gases, essential oils, pesticides, semi-volatiles and drugs of abuse.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-1	GC Column	0.25 mm, 0.30 µm, 30 m	HI01-25-030-30

Acknowledgement: Prof. C. Bicchi, Dr. A. D'Amato et al. Università di Torino, Dipartimento di Scienza e Tecnologia del Farmaco, Via Pietro Giuria, 9, Torino, Italy.