

# HPLC Application

ID No.: 14257

## Pesticides and Herbicides on Synergi Hydro-RP

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Hydro-RP 80  $\text{\AA}$ , LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4375-E0

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% H<sub>3</sub>PO<sub>4</sub>

**Eluent B:** Acetonitrile with 0.1% H<sub>3</sub>PO<sub>4</sub>

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	95	5
	<b>2</b>	30	5	95

**Flow Rate:** 1.5 mL/min

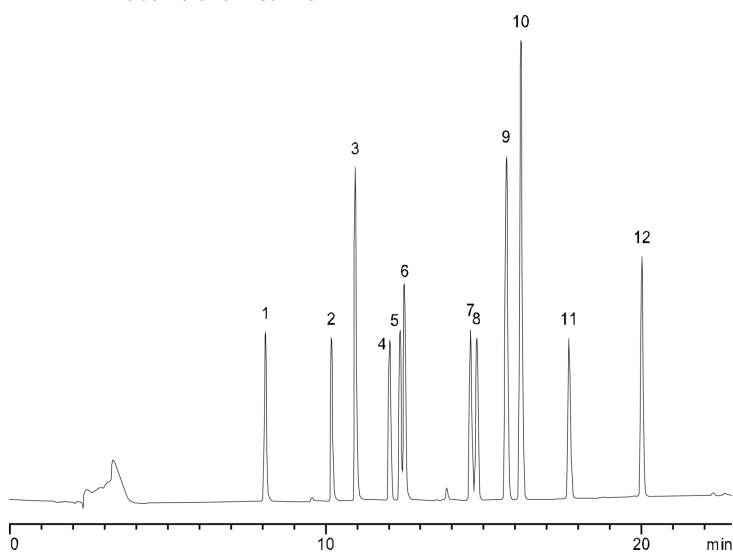
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



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### ANALYTES:

- 1 Vacor
- 2 Prometon
- 3 Ametryn
- 4 Prometryn
- 5 Tebuthiuron
- 6 Terbutryn
- 7 Baygon
- 8 Carbofuran
- 9 Atrazine / Diuron
- 10 Bentazon
- 11 Propazine
- 12 Barban

