

# HPLC Application

ID No.: 1322

## Polar Herbicides

**Column:** Luna® 3 µm Phenyl-Hexyl 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4256-E0

**Elution Type:** Gradient

**Eluent A:** Acetonitrile

**Eluent B:** Water

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	40	60
	<b>2</b>	3	40	60
	<b>3</b>	3.2	60	40

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ m/z (195 °C)

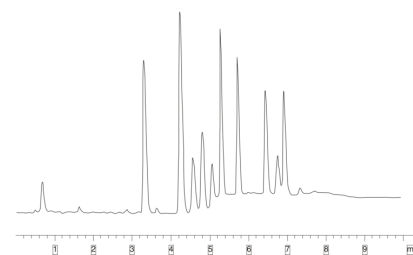
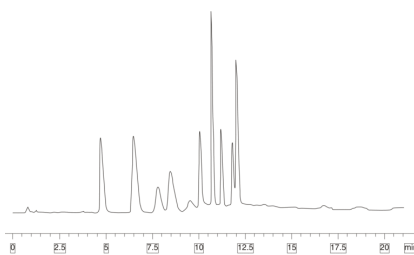
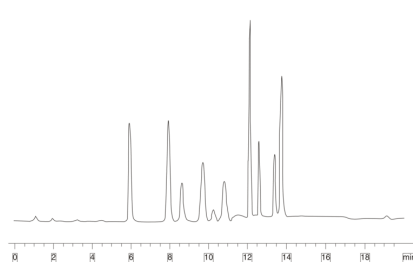
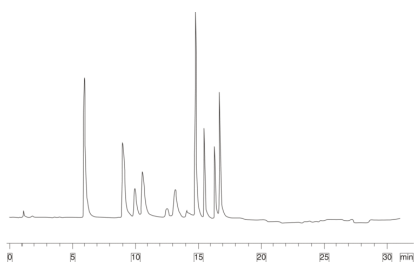
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:



## Polar Herbicides

### ANALYTES:

- 1 Simazine
- 2 Methabenzthiazuron
- 3 Chlortoluron
- 4 Atrazine
- 5 Isoproturon
- 6 Diuron
- 7 Propazine
- 8 Linuron
- 9 Terbutryn
- 10 Trietazine

