

# HPLC Application

ID No.: 1321

## Polar Herbicides

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4251-E0

**Elution Type:** Gradient

**Eluent A:** Acetonitrile

**Eluent B:** Water

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 40    | 60    |
|                   | 2        | 3          | 40    | 60    |
|                   | 3        | 3.2        | 60    | 40    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

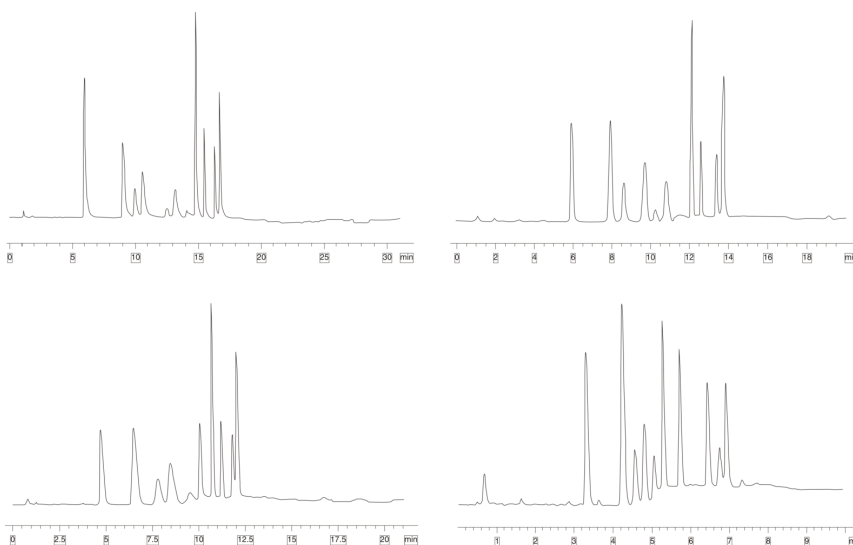
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

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

