

## Organic Compounds

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4257-E0

**Elution Type:** Gradient

**Eluent A:** 50 mM KH<sub>2</sub>PO<sub>4</sub> + 0.1% H<sub>3</sub>PO<sub>4</sub>

**Eluent B:** Acetonitrile

| Gradient        | Step No. | Time (min) | Pct A | Pct B |
|-----------------|----------|------------|-------|-------|
| <b>Profile:</b> | <b>1</b> | 18         | 75    | 25    |
|                 | <b>2</b> | 12         | 25    | 75    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** Refractive Index @ 0.0000000000 (ambient)

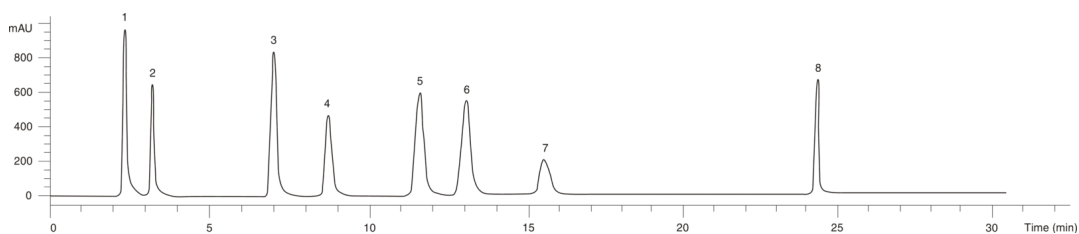
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



## ANALYTES:

- 1 Saccharin
- 2 p-Hydroxybenzoic acid
- 3 Sorbic acid
- 4 p-Hydroxybenzoic acid methyl ester
- 5 Dehydroacetic acid
- 6 p-Toluic acid
- 7 p-Hydroxybenzoic acid ethyl ester
- 8 n-Propyl p-hydroxybenzoate

