

## SFC - Polar Selectivity Mix on Synergi Polar-RP 250 x 4.6

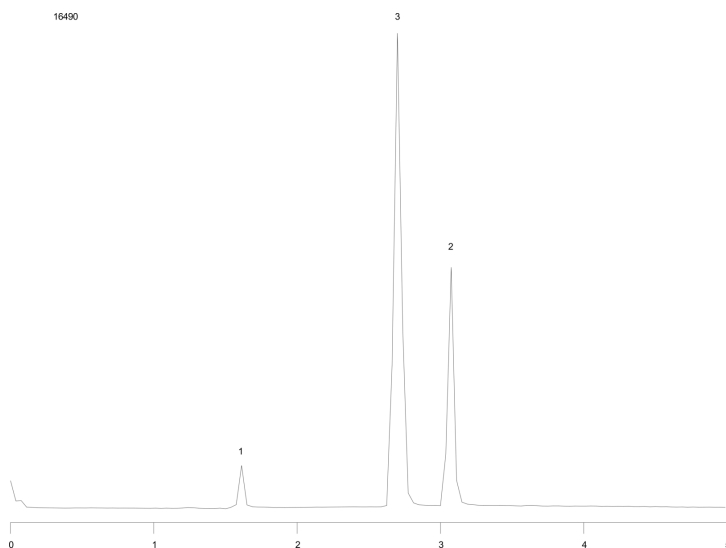
**Column:** Synergi™ 4 µm Polar-RP 80 Å, LC Column 250 x 4.6 mm, Ea**Dimensions:** 250 x 4.6 mm ID**Order No:** 00G-4336-E0**Elution Type:** Gradient**Eluent A:** Methanol**Eluent B:** Carbon Dioxide

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 5     | 95    |
|                   | 2        | 0.1        | 5     | 95    |
|                   | 3        | 5          | 50    | 50    |
|                   | 4        | 7          | 50    | 50    |

**Flow Rate:** 3 mL/min**Col. Temp.:** 40 °C**Detection:** UV-Vis Abs.-Fixed Wave. (UV) @ 254 nm (40 °C)**Detector Info:** Thar Discovery Series, Super Pure SFC instrument provided courtesy of Thar Technologies**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282



## ANALYTES:

- 1 Benzoic acid  
Retention Time: 1.6 min
- 2 Caffeine  
Retention Time: 3.11 min
- 3 Acetaminophen  
Retention Time: 2.74 min

