

## Energy Drink Components with flow gradient on Onyx C18

**Column:** Onyx™ Monolithic C18, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** CH0-7644

**Elution Type:** Gradient

**Eluent A:** 10mM Potassium phosphate, pH 5.0

**Eluent B:** Acetonitrile

| Gradient        | Step No. | Time (min) | Pct A | Pct B |
|-----------------|----------|------------|-------|-------|
| <b>Profile:</b> | <b>1</b> | 0          | 97    | 3     |
|                 | <b>2</b> | 2          | 97    | 3     |

**Flow Rate:** 2 mL/min

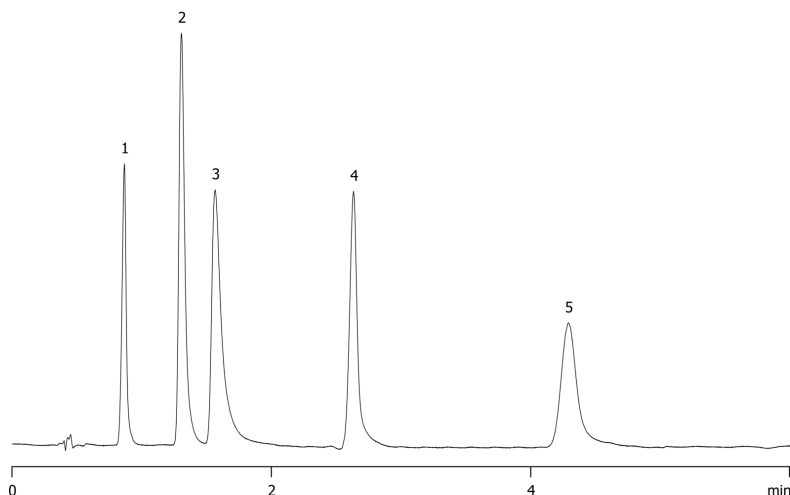
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

15515



Products used in this application:



### ANALYTES:

**1** p-Hydroxybenzoic acid

Retention Time: 0.865 min

**2** Saccharin

Retention Time: 1.306 min

**3** Salicylic acid

Retention Time: 1.566 min

**4** Sorbic acid

Retention Time: 2.633 min

**5** p-Toluic acid

Retention Time: 4.29 min

