



**Column:** [Synergi™ 4 µm Hydro-RP 80 Å, LC Column 250 x 4.6 mm, Ea](#)

**Part No:** [00G-4375-E0](#)

**Dimensions:** 250 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** Water

**Elution B:** Acetonitrile

**Gradient Profile:**

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1        | 0          | 30    | 70    |
| 2        | 20         | 30    | 70    |
| 3        | 35         | 0     | 100   |
| 4        | 50         | 0     | 100   |

**Flow Rate:** 1.2 mL/min

**Col. Temp:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 360 nm (22°C)

**Compounds:**

- 1- Formaldehyde
- 2- Acetaldehyde
- 3- Acrolein
- 4- Acetone
- 5- Propanal
- 6- Crotonaldehyde
- 7- Butanal
- 8- Benzaldehyde
- 9- Isovaleraldehyde
- 10- Pentanal
- 11- o-Tolualdehyde
- 12- m-Tolualdehyde
- 13- p-Tolualdehyde
- 14- Hexanal
- 15- 2,4-Dimethylbenzaldehyde