

# HPLC Application

ID No.: 22735

## ABN mix at low pH using Kinetex 5u EVO C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 5 $\mu$ m EVO C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4633-E0

**Elution Type:** Gradient

**Eluent A:** 20mM Sodium phosphate pH 2.4

**Eluent B:** Acetonitrile

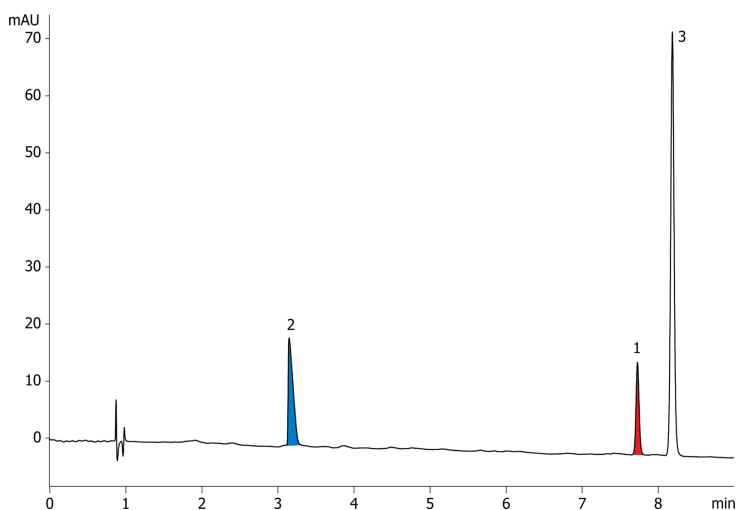
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 80    | 20    |
|                   | 2        | 10         | 25    | 75    |

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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### ANALYTES:

**1** Ibuprofen

Retention Time: 3.45 min

**2** Diphenhydramine

Retention Time: 4.26 min

**3** Ethylbenzene

Retention Time: 8.12 min



Products used in this application:

