

# HPLC Application

ID No.: 22581

## Analgesics using Kinetex 5u C18 150x4.6mm

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

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4601-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM Potassium Phosphate pH2.5

**Eluent B:** Acetonitrile

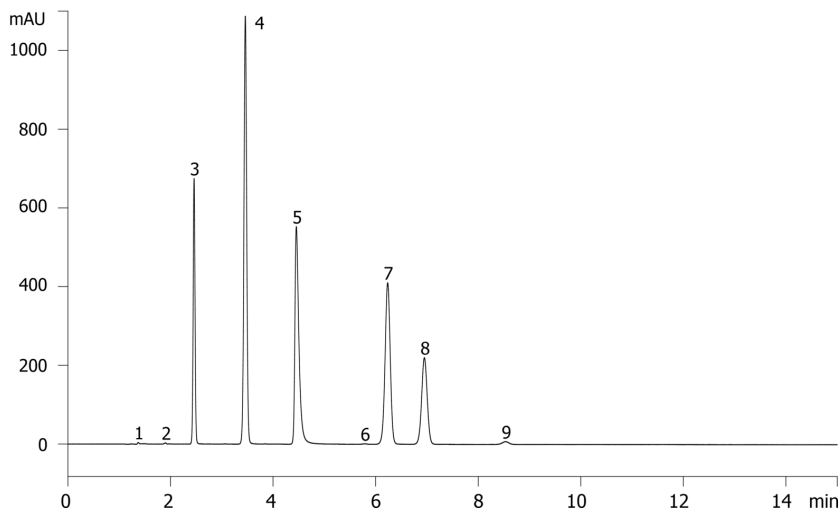
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 50    | 50    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 230 nm (ambient)

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### ANALYTES:

- 1** Ethylparaben  
Retention Time: 2.459 min
- 2** Naproxen  
Retention Time: 3.459 min
- 3** Diflunisal  
Retention Time: 4.453 min
- 4** Indomethacin  
Retention Time: 6.235 min
- 5** Ibuprofen  
Retention Time: 6.95 min



Products used in this application:

