

## Methanol/Acetonitrile (0:100) Impact on Phenyl Selectivity for Kinetex 2.6 µm F5

**Column:** Kinetex® F5 2.6µm 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4723-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic acid in Water

**Eluent B:** 0.1% Formic acid in Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 85    | 15    |
|                   | 2        | 4          | 5     | 95    |

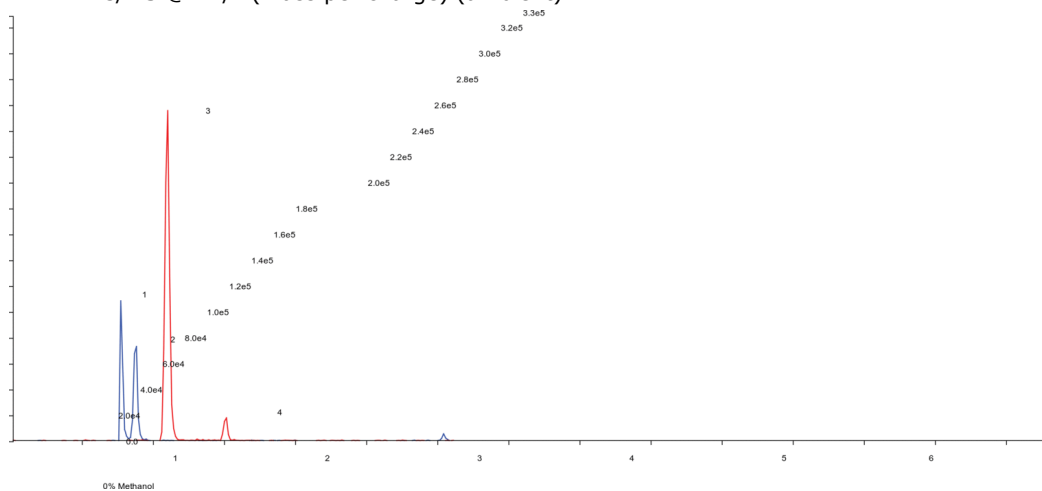
**Flow Rate:** 800 µL/min

**Col. Temp.:** ambient

**Detection:** LC/MS @ m/z (mass per charge) (ambient)



Products used in this application:



### ANALYTES:

- 1** Morphine  
Retention Time: 0.77 min
- 2** Hydromorphone  
Retention Time: 0.88 min
- 3** Codeine  
Retention Time: 1.1 min
- 4** Hydrocodone  
Retention Time: 1.5 min

