

HPLC Application

ID No.: 25644

Methanol/Acetonitrile (40:60) Impact on Phenyl Selectivity for Kinetex 2.6 µm Biphenyl

Column: Kinetex[®] 2.6 µm Biphenyl 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4622-E0

Elution Type: Gradient

Eluent A: 0.1% Formic acid in Water

Eluent B: 0.1% Formic acid in Methanol/Acetonitrile (40:60)

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

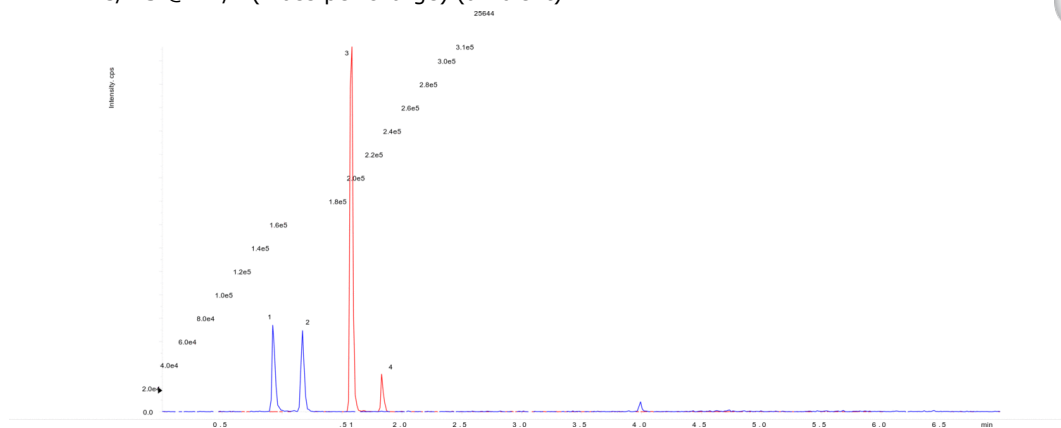
Flow Rate: 800 µL/min

Col. Temp.: ambient

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



Products used in this application:



ANALYTES:

- 1** Morphine
Retention Time: 0.93 min
- 2** Hydromorphone
Retention Time: 1.17 min
- 3** Codeine
Retention Time: 1.58 min
- 4** Hydrocodone
Retention Time: 1.83 min

