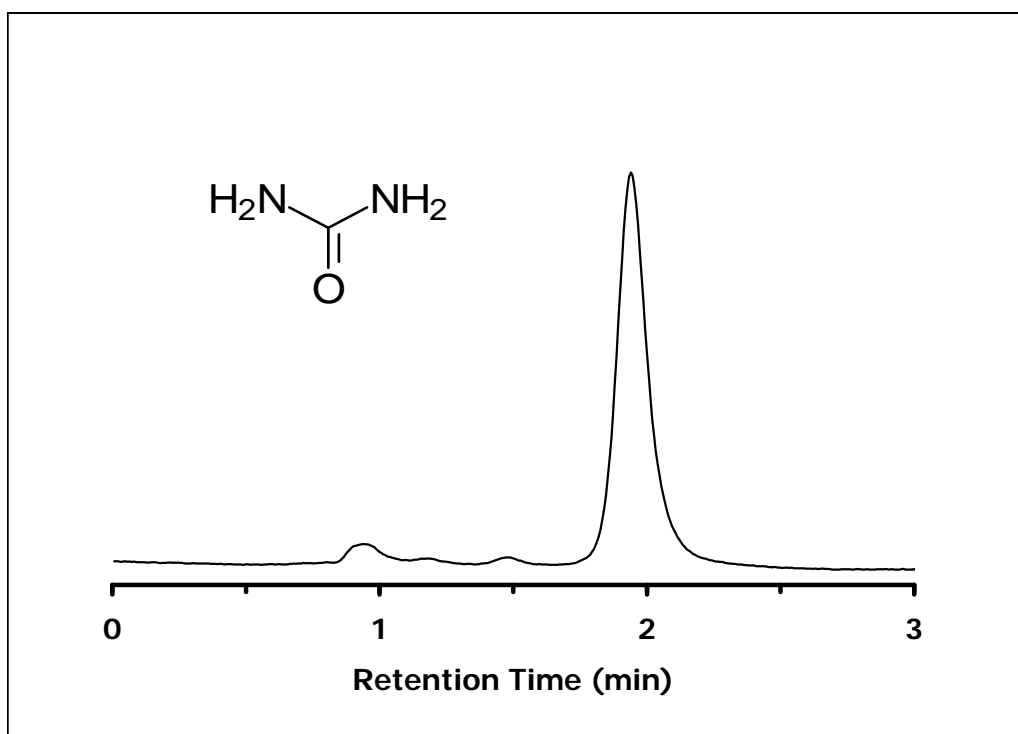


ZIC®-HILIC Separation of Urea

Chromatographic Conditions

Column: ZIC®-HILIC, PEEK 50 x 4.6 mm, 5 µm, 200 Å (P/N 2712-055)
Injection: 5 µL in mobile phase
Detection: UV @ 204 nm
Flow Rate: 0.5 mL/min
Mobile Phase (v/v): 90%, Acetonitrile
10%, Ammonium Acetate 5 mM, pH 6.8
(total ionic strength 0.5 mM)



Chromatographic Data

| No. | Compound | | Time (min) | Retention factor |
|-----|----------|-------------|------------|------------------|
| | t_0 | void volume | 1.0 | - |
| 1 | Urea | (1.0 mg/mL) | 1.9 | 0.9 |