

Analysis of Uracil and Cytosine

Keywords:

HILIC, uracil, cytosine, bioanalysis, UV, iHILIC-Fusion(P)

Test Conditions:

Column: **iHILIC®-Fusion(P)**
150 x 2.1 mm, 5 µm, 200 Å, #80348

Part No.: **130.152.0520**

Mobile phase: 80/20 (v/v), Acetonitrile/25 mM Ammonium Acetate, pH 6.8

Flow rate: 0.2 mL/min

Back pressure: 28 bar

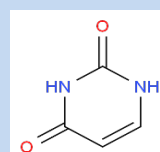
Temperature: Ambient

Injection volume: 2 µL

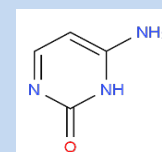
Sample: Naphthalene (15 µg/mL); Uracil (7.5 µg/mL); Cytosine (15 µg/mL)

Sample diluent: Mobile phase

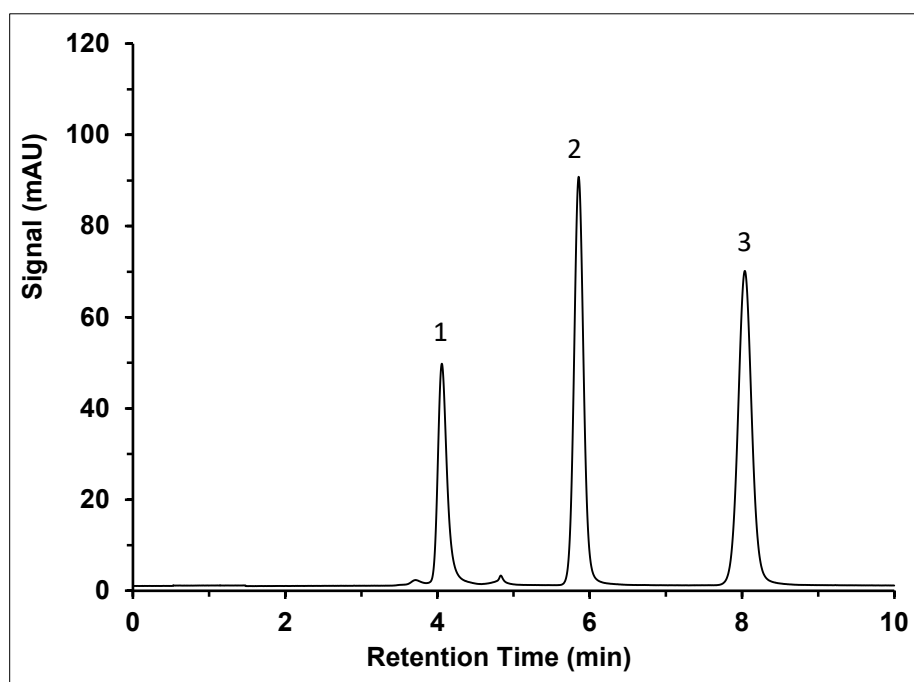
Detection: UV at 254 nm

Compounds:

Uracil



Cytosine

**Peak:**

1. Naphthalene
2. Uracil
3. Cytosine