

# HPLC Application

ID No.: 19950

## USP Norethindrone, Progesterone and Mestranol on Kinetex 2.6u C8 100x2.10mm on Shimadzu Nexera

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 100 x 2.1 mm, Ea

**Dimensions:** 100 x 2.1 mm ID

**Order No:** 00D-4497-AN

**Elution Type:** Isocratic

**Eluent A:** 50:50 Acetonitrile:Water

| Gradient        | Step No. | Time (min) | Pct A |
|-----------------|----------|------------|-------|
| <b>Profile:</b> | <b>1</b> | 10         | 100   |

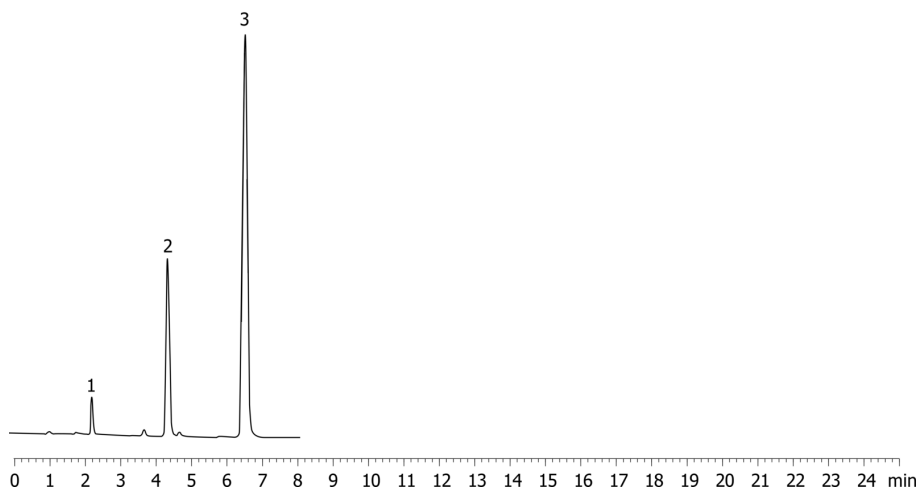
**Flow Rate:** 0.3 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 200 nm (ambient)  
19950



Products used in this application:



### ANALYTES:

**1** Norethindrone

Retention Time: 1.491 min

**2** Progesterone

Retention Time: 2.968 min

**3** Mestranol

Retention Time: 4.473 min

