

# HPLC Application

ID No.: 19478

## Steroid Mixture on Kinetex XB-C18 50x2.1mm ID

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m XB-C18 100  $\text{\AA}$ , LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4496-AN

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	6	40	60

**Flow Rate:** 0.5 mL/min

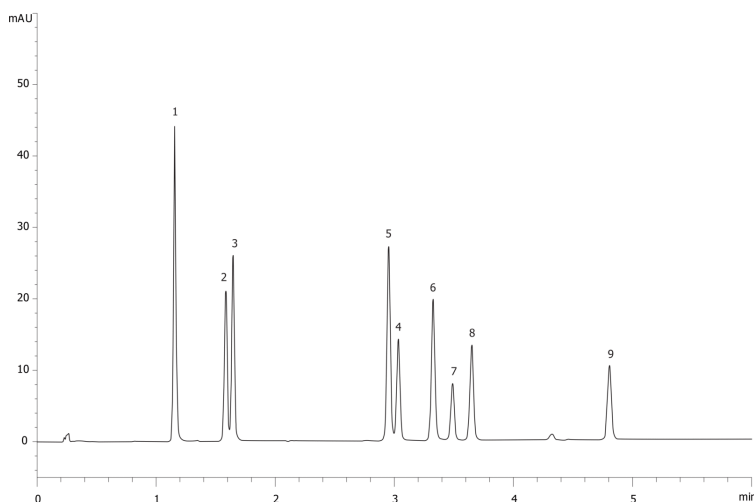
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

19478



Products used in this application:



### ANALYTES:

- 1 Estriol**  
Retention Time: 1.05 min
- 2 Hydrocortisone**  
Retention Time: 1.2 min
- 3 Cortisone**  
Retention Time: 1.25 min
- 4 Cortisone-21-acetate**  
Retention Time: 2.8 min
- 5 Estradiol**  
Retention Time: 2.9 min
- 6 21-Hydroxyprogesterone**  
Retention Time: 3.1 min
- 7 Estrone**  
Retention Time: 3.3 min
- 8 17-Hydroxyprogesterone**  
Retention Time: 3.4 min
- 9 Deoxycorticosterone**  
Retention Time: 4.5 min

