

# HPLC Application

ID No.: 19479

## Steroid Mixture on Kinetex 2.6µm C8 50x2.1mm ID

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

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

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

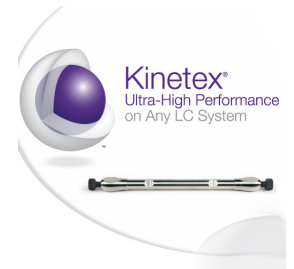
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	6	40	60

**Flow Rate:** 0.5 mL/min

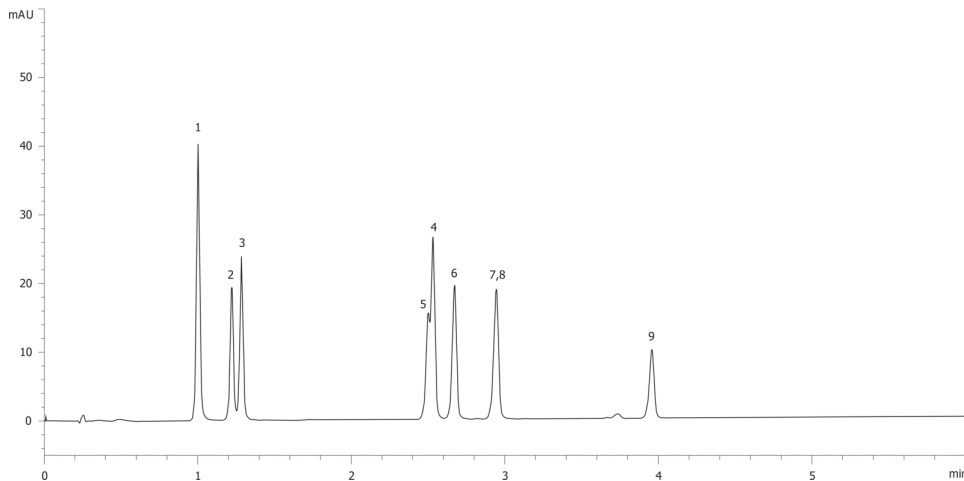
**Col. Temp.:** ambient

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

19479



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

