

# HPLC Application

ID No.: 23559

## Hormones Extracted from Sediment using QuEChERS by LCMSMS

**Column:** Kinetex® 2.6 µm XB-C18 100 Å, 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:** DI Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	1	80	20
	3	7.25	40	60
	4	8	20	80
	5	9.5	20	80
	6	9.55	85	15
	7	14	85	15

**Flow Rate:** 500 µL/min

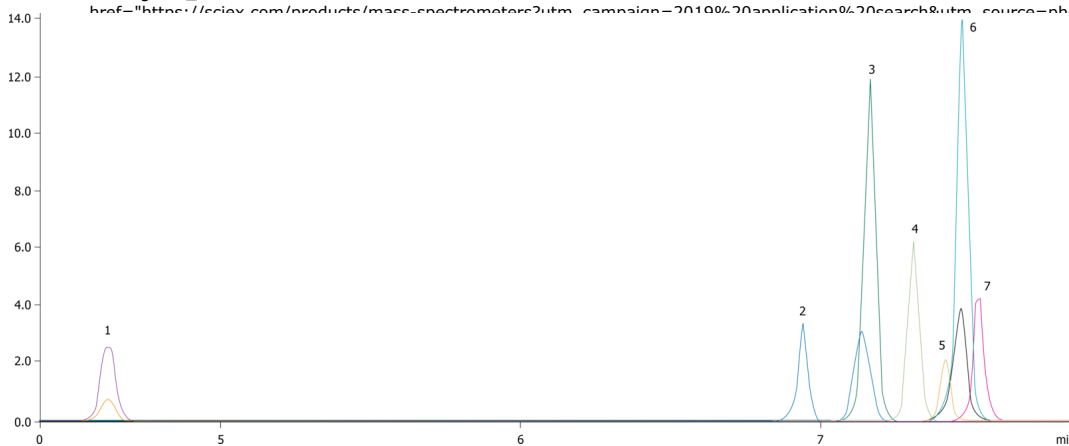
**Col. Temp.:** ambient

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:** <a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX</a>



Products used in this application:



### ANALYTES:

- 1 Estriol
- 2 17 $\beta$ -Estradiol
- 3 Testosterone
- 4 Equilin
- 5 17 $\alpha$ -Ethinylestradiol
- 6 Estrone
- 7 Androstenedione

