

# HPLC Application

ID No.: 22780

## EPA 539 using Kinetex 5u EVO C18 100x3.0mm

**Column:** Kinetex<sup>®</sup> 5µm EVO C18 100 Å, LC Column 100 x 3.0 mm, Ea

**Dimensions:** 100 x 3 mm ID

**Order No:** 00D-4633-Y0

**Elution Type:** Gradient

**Eluent A:** 0.2% ammonium hydroxide

**Eluent B:** Methanol with 0.2% ammonium hydroxide

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	65	35
	2	0.6	35	65
	3	7.5	35	65
	4	8.5	15	85
	5	13	15	85
	6	13.01	35	65
	7	15	35	65

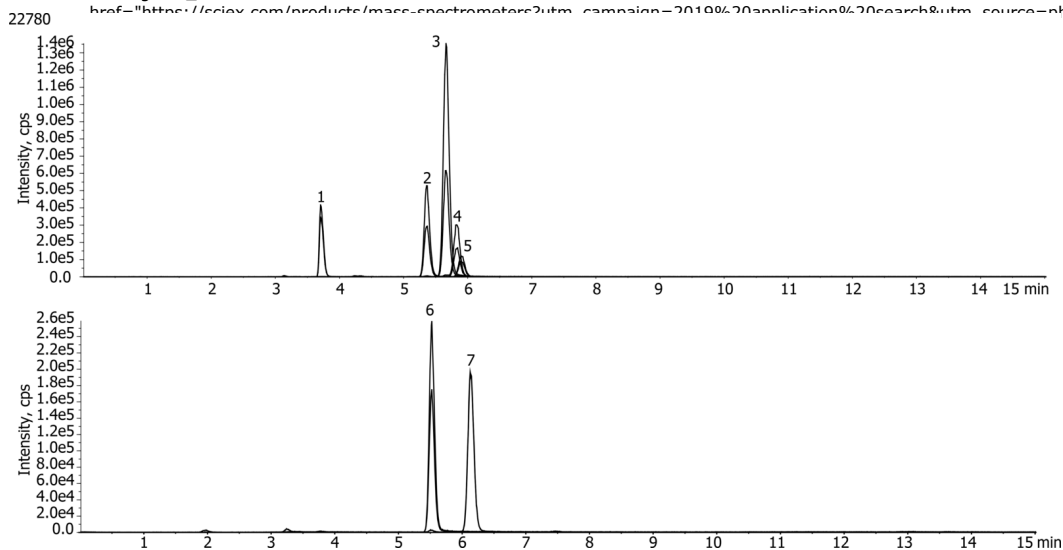
**Flow Rate:** 0.3 mL/min

**Col. Temp.:** 30 °C

**Detection:** Electrospray Mass Spec (ESMS) @ (40 °C)

**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>



### ANALYTES:

- 1 Estriol**  
Retention Time: 3.71 min
- 2 Equilin**  
Retention Time: 5.39 min
- 3 Estrone**  
Retention Time: 5.67 min
- 4 17-B-Estradiol**  
Retention Time: 5.84 min
- 5 17-a-Ethynylestradiol**  
Retention Time: 5.9 min
- 6 Androstenedione**  
Retention Time: 5.52 min
- 7 Testosterone**  
Retention Time: 6.13 min



Products used in this application:

