

## Estradiol and estrone analysis by LCMS using Gemini 3um NX-C18 50x2mm

**Column:** Gemini® 3 µm NX-C18 110 Å, LC Column 50 x 2 mm, Ea

**Dimensions:** 50 x 2 mm ID

**Order No:** 00B-4453-B0

**Elution Type:** Gradient

**Eluent A:** H2O + 0.5 mM ammonium hydroxide

**Eluent B:** MeOH + 0.5 mM ammonium hydroxide

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	0.5	90	10
	3	2.5	20	80
	4	5	10	90
	5	5.2	90	10
	6	6	90	10



Products used in this application:



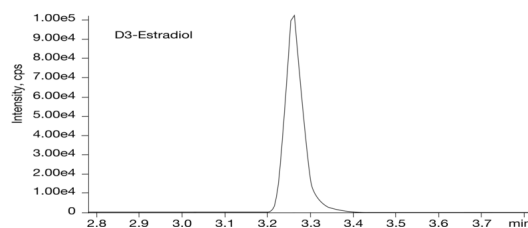
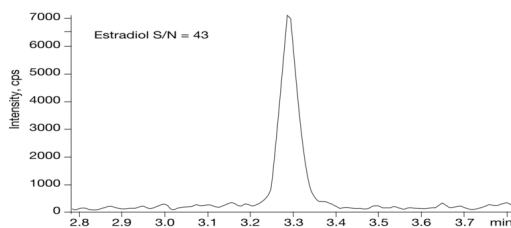
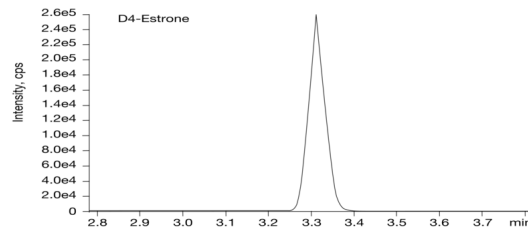
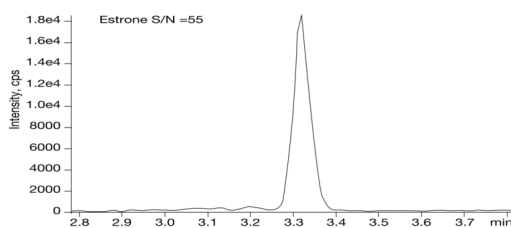
**Flow Rate:** 0.55 mL/min

**Col. Temp.:** ambient

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

**Detector Info:** <a target="\_blank"

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### ANALYTES:

- 1 Estrone  
Retention Time: 3.32 min
- 2 Estrone-D4  
Retention Time: 3.32 min
- 3 Estradiol  
Retention Time: 3.29 min
- 4 Estradiol-D3  
Retention Time: 3.29 min
- 5 Estriol  
Retention Time: 3.08 min
- 6 Estriol-D3  
Retention Time: 3.08 min

