

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:



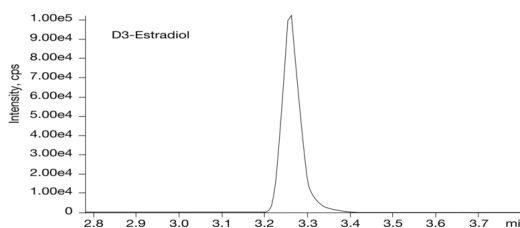
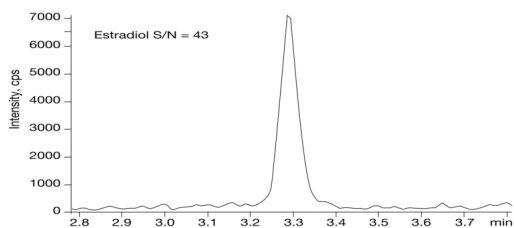
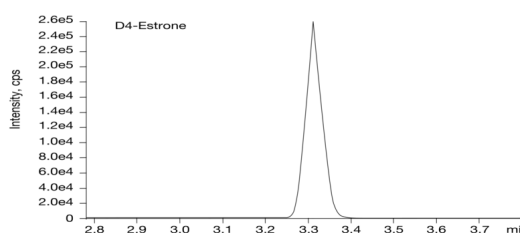
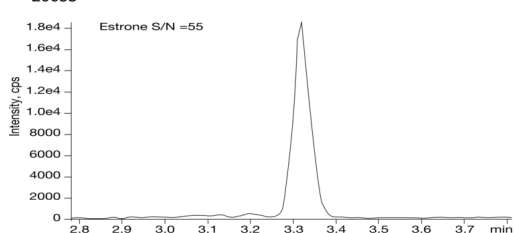
Flow Rate: 0.55 mL/min

Col. Temp.: ambient

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

Detector Info: <a target="_blank"

href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<



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

