

# HPLC Application

ID No.: 23717

## EtG/EtS in Urine using Synergi 2.5µm Hydro-RP, 100x3mm (3 min)

**Column:** Synergi™ 2.5 µm Hydro-RP 100 Å, LC Column 100 x 3 mm, Ea

**Dimensions:** 100 x 3 mm ID

**Order No:** 00D-4387-Y0

**Elution Type:** Gradient

**Eluent A:** 10mM ammonium formate + 0.1% formic acid in water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	1.5	5	95
	3	2	5	95
	4	2.01	100	0
	5	3	100	0

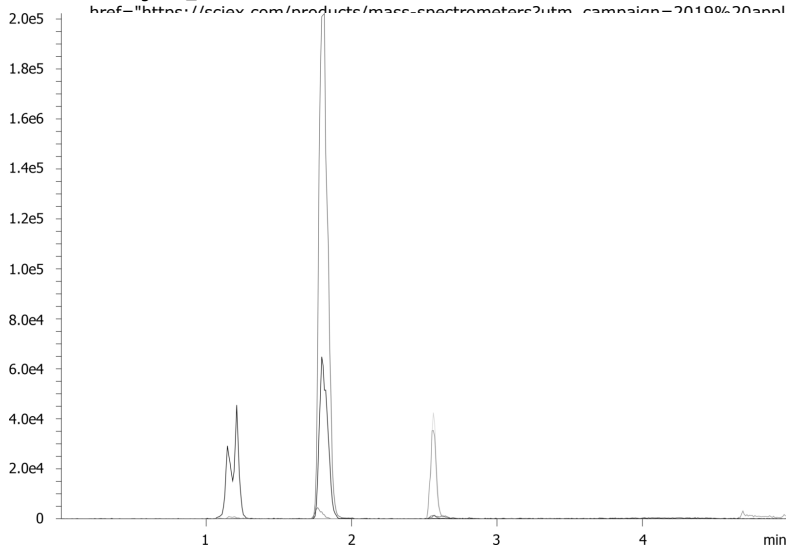


**Flow Rate:** 0.7 mL/min

**Col. Temp.:** ambient

**Detection:** Tandem Mass Spec (MS-MS) @ (550 °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** Urine Interference  
Retention Time: 0.73 min
- 2** Ethyl Sulfate (EtS)  
Retention Time: 1.08 min
- 3** Ethyl Glucuronide (EtG)  
Retention Time: 1.54 min

