

# GC Application

ID No.: 17895

## Opiates by MSD on a ZB-5MSi

**Column:** Zebtron<sup>™</sup> ZB-5MSi, GC Cap. Column 10 m x 0.18 mm x 0.18 μm, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

**Dimensions:** 10 meters x 0.18 mm x 0.18 μm

**Order No:** 7CD-G018-08

**Oven Profile:** 180 °C to 340 °C @ 20 °C/min

**Carrier Gas:** Constant Flow Helium, 0.7 mL/min

**Injection:** Split 10:1 1 μL @ 280°C

**Detection:** Mass Selective (MSD) (320°C)

**Analyst Note:** Analytes are 24ppm derivatized with BSTFA

Sim ions:

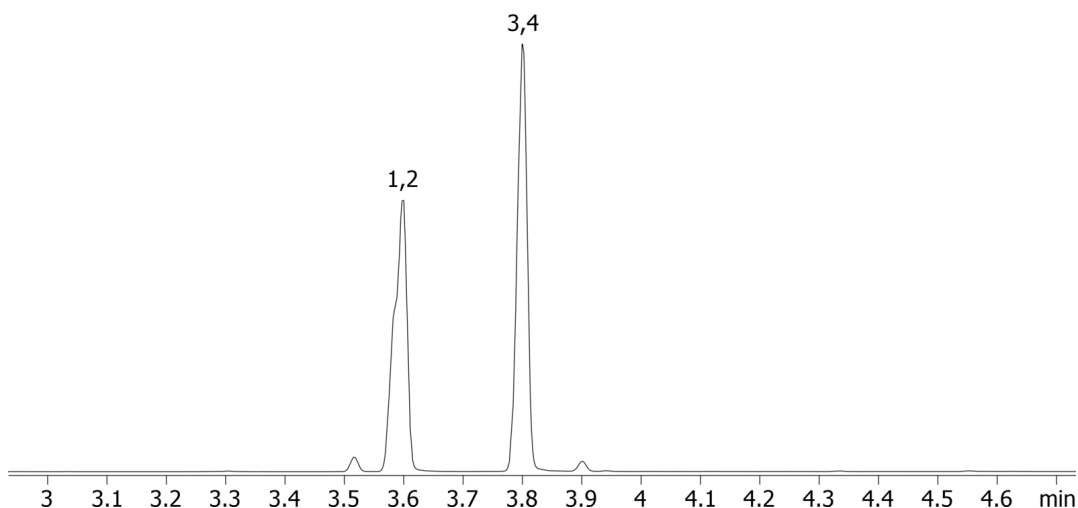
(Quant ion\*) D6-Codeine (\*377,349): Codeine (\*371,343,234): D3-Morphine (\*432,417): Morphine (\*429,414,401)



Products used in this application:



17895



### ANALYTES:

- 1 Codeine-d6
- 2 Codeine
- 3 Morphine-d3
- 4 Morphine

