

# GC Application

ID No.: 16741

## Opiates by MSD on a ZB-5MS

**Column:** Zebron™ ZB-5MS, GC Cap. Column 10 m x 0.18 mm x 0.18 µm, Ea

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

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

**Order No:** 7CD-G010-08

**Oven Profile:** 140 °C to 320 °C @ 20 °C/ min for 2 min.

**Carrier Gas:** Constant Flow He, 1.2 mL/min

**Injection:** Split 10:1 1 µL @ 250°C

**Detection:** Mass Selective (MSD) (200°C)

**Analyst Note:** Analytes are 10ppm derivatized with BSTFA

Sim ions:

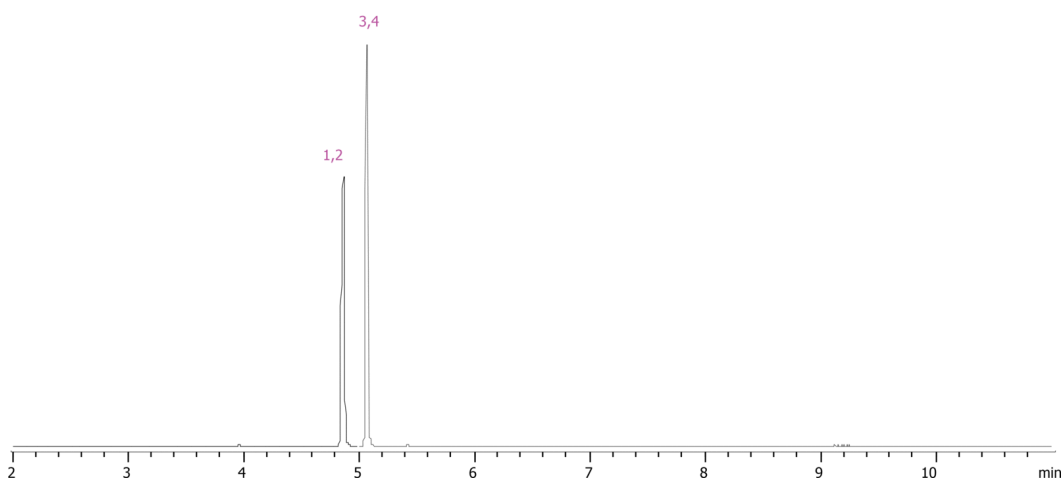
(Quant ion\*) D6-Codeine (\*377,349): Codeine (\*371,343,234): D3-Morphine (\*432,417): Morphine (\*429,414,401)



Products used in this application:



16741



### ANALYTES:

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

