

## Opiates expanded run by MSD on a ZB-5MSi

**Column:** Zebtron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

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

**Dimensions:** 30 meters x 0.25 mm x 0.25 μm

**Order No:** 7HG-G018-11

**Oven Profile:** 170 °C for 0.5 min to 320 °C @ 18 °C/min.

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min

**Injection:** Splitless 20:1 1 μL @ 250°C

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

**Analyst Note:** Analytes are 1ppm in methanol

Sim ions:

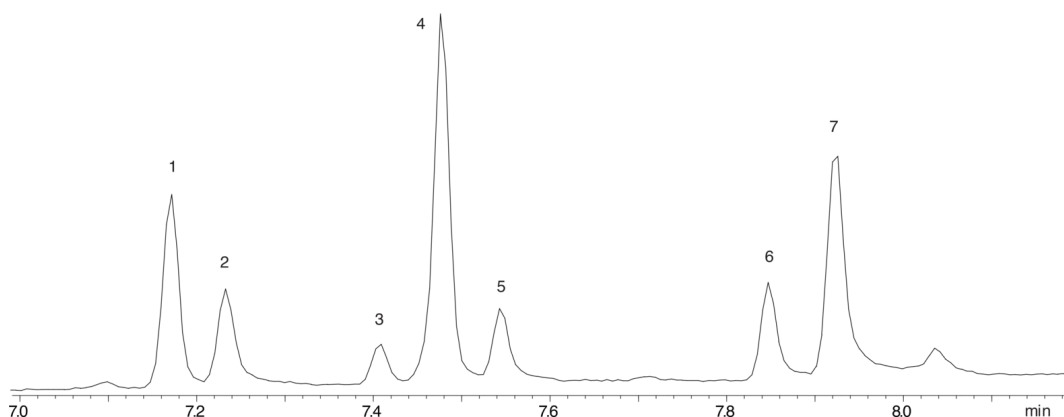
(Quant ion\*) Codeine (\*299,229,162): Norcodeine (\*285,215,148): Morphine (\*285,215,162): Hydrocodone (\*299,242,185): Hydromorphone (\*285,229,96): Oxycodone (\*315,230,215): Oxymorphone (\*301,216,140)



Products used in this application:



16555



### ANALYTES:

- 1 Codeine
- 2 Norcodeine
- 3 Morphine
- 4 Hydrocodone
- 5 Hydromorphone
- 6 Oxycodone
- 7 Oxymorphone

