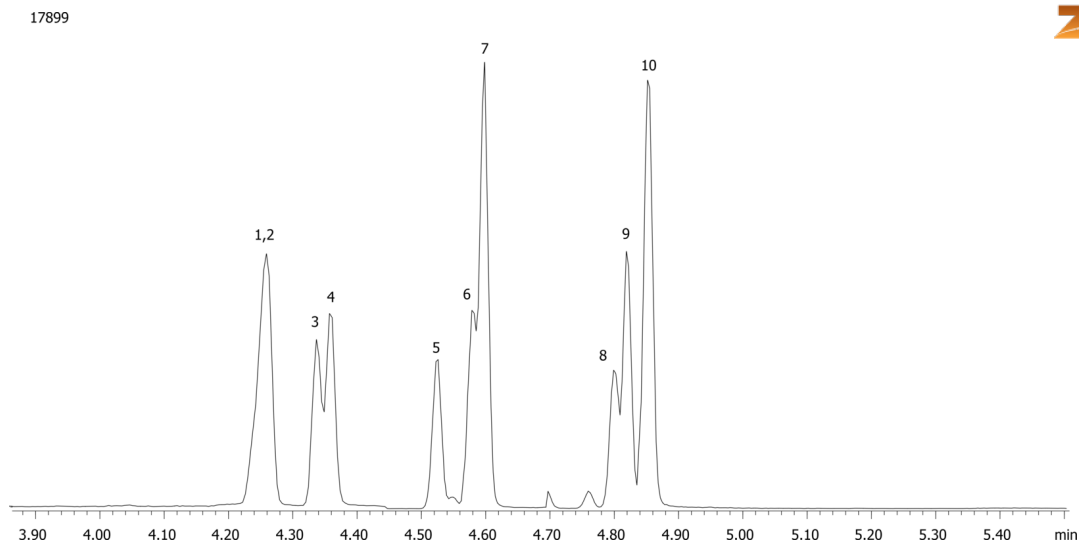


Healthcare Opiates by MSD on a ZB-Drug1**Column:** Zebtron™ ZB-Drug-1, GC Cap. Column 10 m x 0.18 mm x 0.18 µm, Ea**Phase:** Proprietary Drug Phase**Dimensions:** 10 meters x 0.18 mm x 0.18 µm**Order No:** 7CD-G023-08**Oven Profile:** 180 °C to 340 °C @ 20 °C/min**Carrier Gas:** Constant Flow Helium, 0.7 mL/min**Injection:** Split 10:1 1 µL @ 260°C**Detection:** Mass Selective (MSD) (320°C)**Analyst Note:** Analytes are 24ppm derivatized with 1.Hydroxylamine 2.BSTFA

Sim ions:

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

(*429,414,401): Hydrocodone (*386,297,371): D6-Hydromorphone (*361,450): Hydromorphone (*355,444,429):

**Products used in this application:**

Healthcare Opiates by MSD on a ZB-Drug1

ANALYTES:

- 1 Morphine-d3
- 2 Morphine
- 3 Codeine-d6
- 4 Codeine
- 5 Oxymorphone
- 6 Hydromorphone-d6
- 7 Hydromorphone
- 8 Oxycodone-d6
- 9 Oxycodone
- 10 Hydrocodone

