

GC Application

ID No.: 17908

Healthcare Opiates from Urine by Screen C on a ZB-5MSi

Column: Zebtron™ 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 320 °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 300ng/mL in urine, extracted by SPE, and derivatized with 1.Hydroxylamine 2.BSTFA

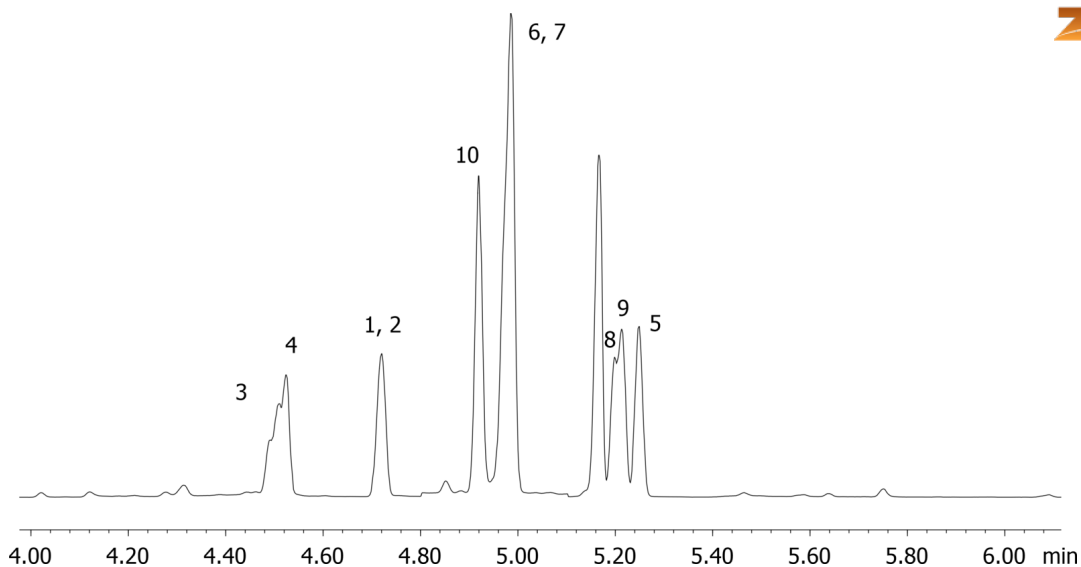
Sim ions:

(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:



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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

