GC Application ID No.: 17908

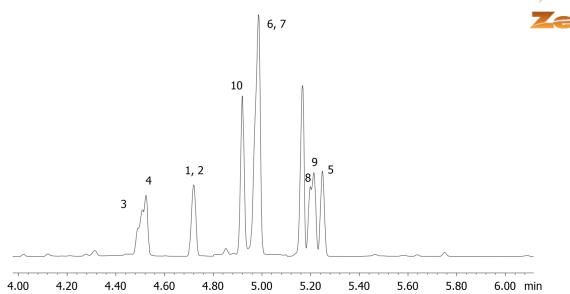
Healthcare Opiates from Urine by Screen C on a ZB-5MSi

Column:	Zebron™ 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

- Constant Flow Helium, 0.7 mL/min ier Gas: Carı
- 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):



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GC Application



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

ANALYTES:

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

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