

## Cocaine and opiates by GCMS on a ZB-5MS

**Column:** Zebtron™ ZB-5MS, GC Cap. Column 20 m x 0.18 mm x 0.18 µm, Ea

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

**Dimensions:** 20 meters x 0.18 mm x 0.18 µm

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

**Oven Profile:** 60°C for 1 min to 220°C at 20°C for 3 min to 320°C at 30°C/min

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

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

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

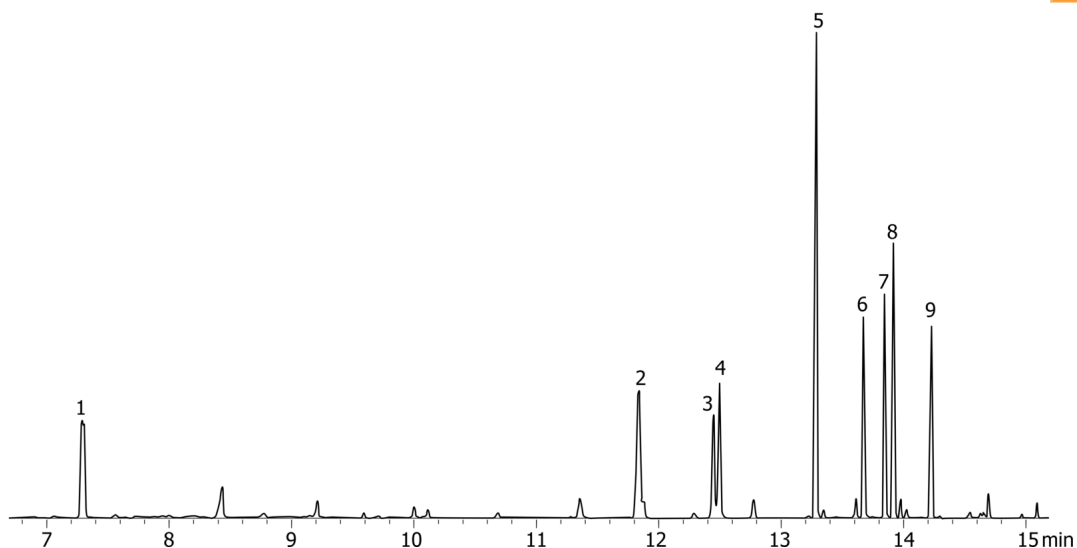
**Analyst Note:** Sample is derivatized with BSTFA at 70°C for 30 minutes.

Sim mode: Ecgonine methylester (271), Cocaine (182), Cocaethylene (196), Benzoyllecgonine (240), Dihydrocodeine (373), Codeine (371), Ethylmorphine (385), Morphine (429), 6-MAM (399)

20809



Products used in this application:



### ANALYTES:

- 1 Ecgonine methyl ester
- 2 Cocaine
- 3 Cocaethylene
- 4 Benzoyllecgonine
- 5 Dihydrocodeine
- 6 Codeine
- 7 Ethylmorphine
- 8 Morphine
- 9 6-MAM

