

# GC Application

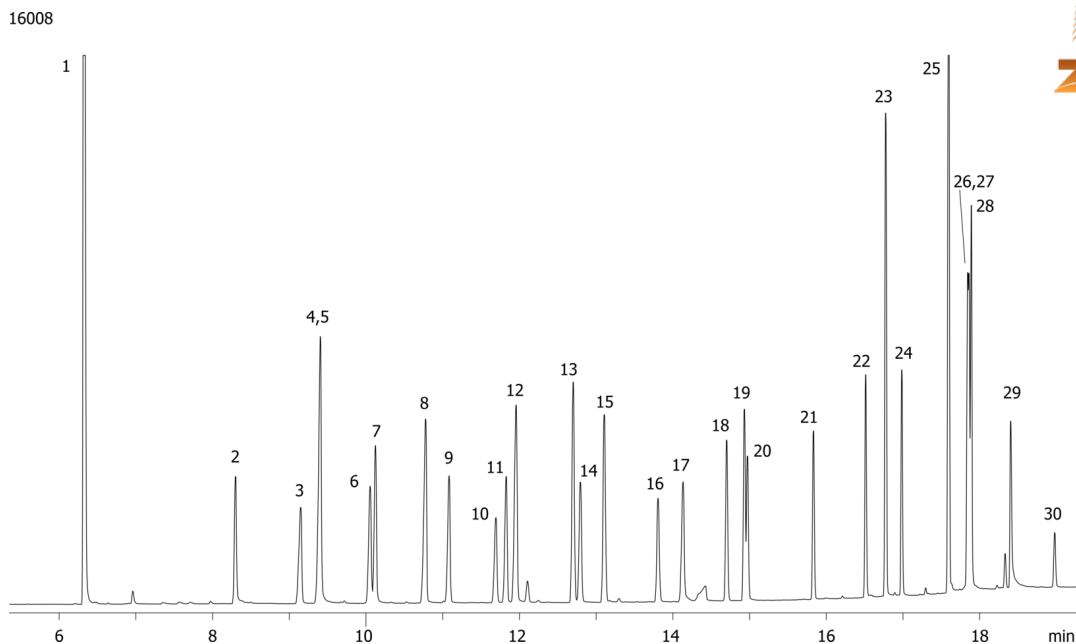
ID No.: 16008

## Common Drug Screen on ZB-1MS

**Column:** Zebtron<sup>™</sup> ZB-1MS, GC Cap. Column 20 m x 0.18 mm x 0.18 μm, Ea  
**Phase:** 100% Dimethylpolysiloxane  
**Dimensions:** 20 meters x 0.18 mm x 0.18 μm  
**Order No:** 7FD-G011-08  
**Oven Profile:** 80°C for 1 min to 150°C at 15°C/min to 200°C at 6°C/min to 275°C at 20°C/min for 2 min  
**Carrier Gas:** Constant Flow Helium, 0.9 mL/min  
**Injection:** Split 10:1 1.5 μL @ 225°C  
**Detection:** Flame Ionization (FID) (250°C)  
**Analyst Note:** Analytes are 25ppm except nicotine at 100ppm



Products used in this application:



## Common Drug Screen on ZB-1MS

### ANALYTES:

- 1 Nicotine
- 2 Acetophenone
- 3 Allobarbitol
- 4 Aprobarbitol
- 5 Ibuprofen
- 6 Butalbital
- 7 Phenacetin
- 8 Amobarbitol
- 9 Pentobarbitol
- 10 Meprobamate
- 11 Secobarbitol
- 12 Caffeine
- 13 Benzphetamine
- 14 Hexobarbitol
- 15 Dimenhydrinate
- 16 Doxylamine
- 17 Phenobarbitol
- 18 Methapyrilene
- 19 Chlorpheniramine
- 20 Procaine
- 21 Brompheniramine
- 22 Cocaine
- 23 Chlorcyclizine
- 24 Benactyzine
- 25 Codeine
- 26 Morphine
- 27 Diazepam
- 28 Hydrocodone
- 29 Oxymorphone
- 30 Heroin

