

Barbiturates by MSD on a ZB-5MSi**Column:** Zebron[™] ZB-5MSi, GC Cap. Column 10 m x 0.18 mm x 0.18 μ m, Ea**Phase:** 5% Phenyl 95% Dimethylpolysiloxane**Dimensions:** 10 meters x 0.18 mm x 0.18 μ m**Order No:** 7CD-G018-08**Oven Profile:** 100 °C to 320 °C @ 20 °C/min for 5min**Carrier Gas:** Constant Flow Helium, 0.6 mL/min**Injection:** Split 10:1 1 μ L @ 260°C**Detection:** Mass Selective (MSD) (230°C)**Analyst Note:** Analytes are 12ppm derivatized with TMPAH

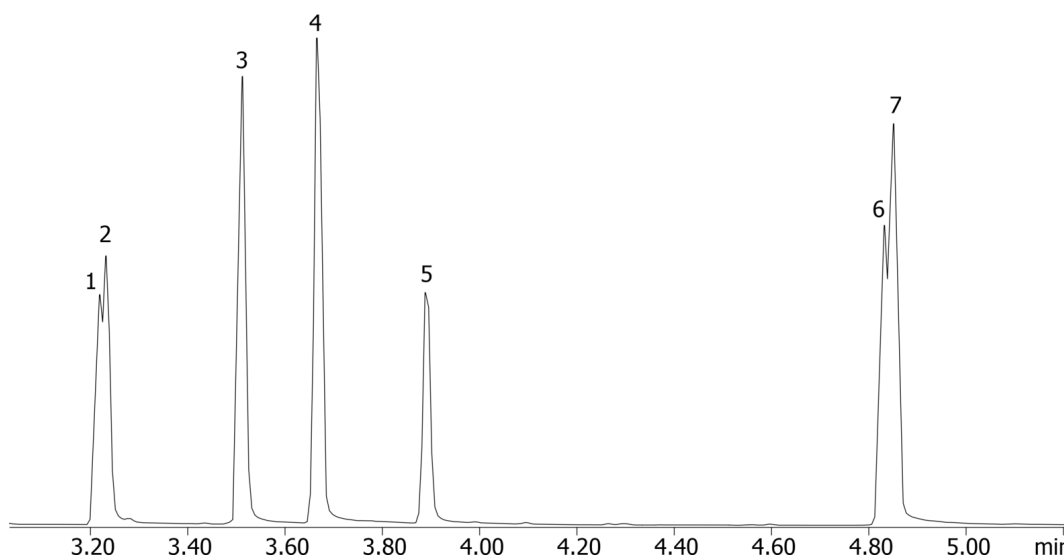
Sim ions:

(Quant ion*) D5-Butalbital (*201,184,214): Butalbital (*196,181,138): Amobarbital (*169,184,225):

Pentobarbital (*169,184,225): Secobarbital (*196,181,138): D5-Phenobarbital (*233,151,122): Phenobarbital

**Products used in this application:**

17738

**ANALYTES:**

- 1 Butalbital-d5
- 2 Butalbital
- 3 Amobarbital
- 4 Pentobarbital
- 5 Secobarbital
- 6 Phenobarbital-d5
- 7 Phenobarbital

