

GC Application

ID No.: 17599

Barbiturates by MSD on a ZB-1MS

Column: Zebron[™] ZB-1MS, GC Cap. Column 10 m x 0.18 mm x 0.18 µm, Ea

Phase: 100% Dimethylpolysiloxane

Dimensions: 10 meters x 0.18 mm x 0.18 µm

Order No: 7CD-G011-08

Oven Profile: 100 °C to 250 °C @ 20 °C/min

Carrier Gas: Constant Flow Helium, 50 cm/sec

Injection: Split 10:1 0.1 µL @ 300°C

Detection: Mass Selective (MSD) (250°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):

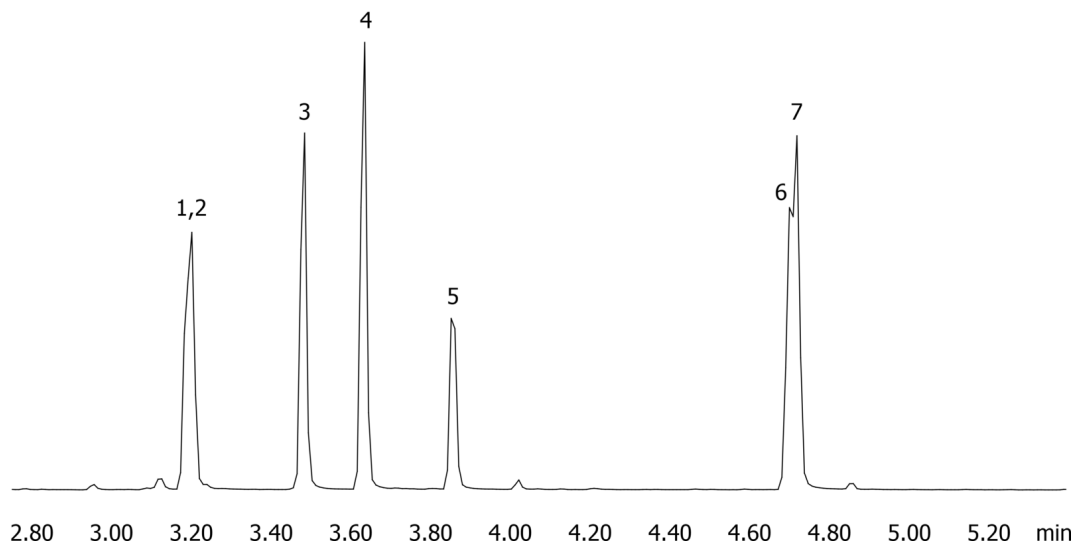
Pentobarbital (*169,184,225): Secobarbital (*196,181,138): D5-Phenobarbital (*233,151,122): Phenobarbital



Products used in this application:



17599



ANALYTES:

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

