

Barbiturates Mix on Kinetex 1.7u XB-C18 50x2.10mm using Waters Acquity UPLC System

Column: Kinetex® 1.7 µm XB-C18 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4498-AN

Elution Type: Isocratic

Eluent A: 5mM Ammonium Acetate pH 6.7

Eluent B: Acetonitrile

Gradient

Step No.	Time (min)	Pct A	Pct B
1	7	85	15

Profile:

Flow Rate: 0.9 mL/min

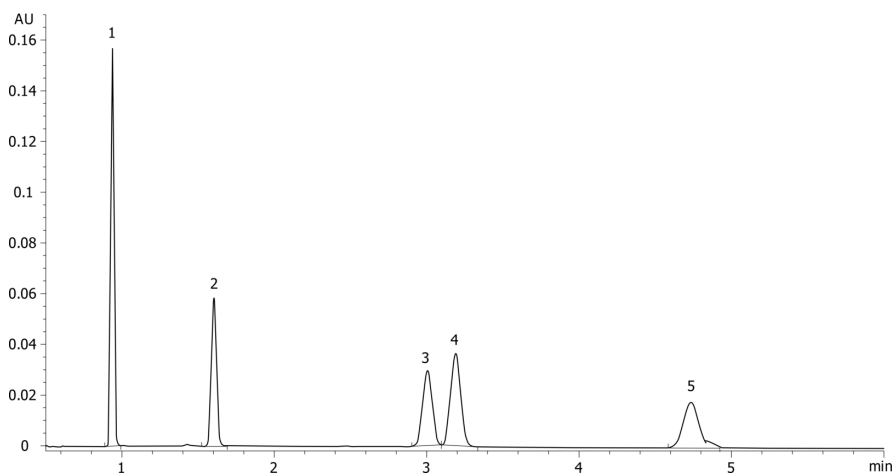
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

19801



Products used in this application:



ANALYTES:

1 Phenobarbital

Retention Time: 0.9 min

2 Butalbital

Retention Time: 1.555 min

3 Pentobarbital

Retention Time: 2.915 min

4 Amobarbital

Retention Time: 3.082 min

5 Secobarbital

Retention Time: 4.548 min

