

HPLC Application

ID No.: 19801

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

Column: Kinetex[®] 1.7 μ m XB-C18 100 \AA , 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 Profile:	Step No.	Time (min)	Pct A	Pct B
	1	7	85	15

Flow Rate: 0.9 mL/min

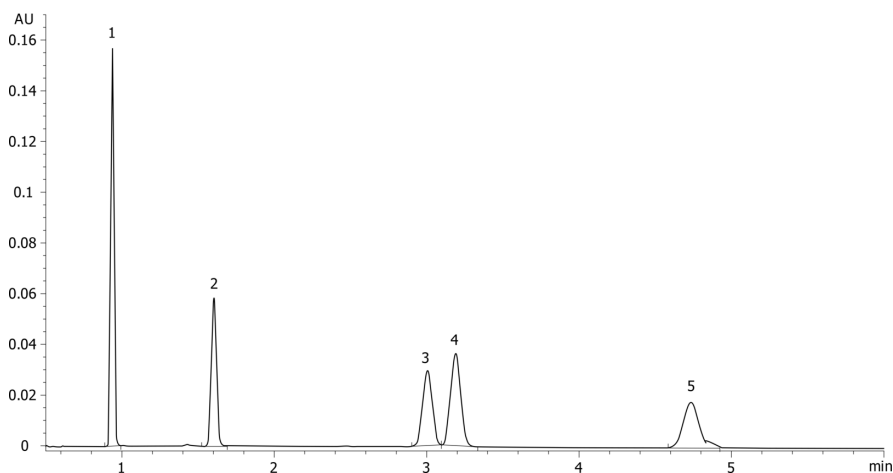
Col. Temp.: ambient

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

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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

