

## Barbiturates on Kinetex 2.6u EVO C18 50X2.1 mm

**Column:** Kinetex® 2.6µm EVO C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4725-AN

**Elution Type:** Gradient

**Eluent A:** 10mM Ammonium bicarbonate pH 10

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0.01	95	5
	2	2	85	15
	3	5	80	20
	4	5.01	40	60
	6	6	40	60
	7	6.01	95	5
	8	7.5	95	5



Products used in this application:

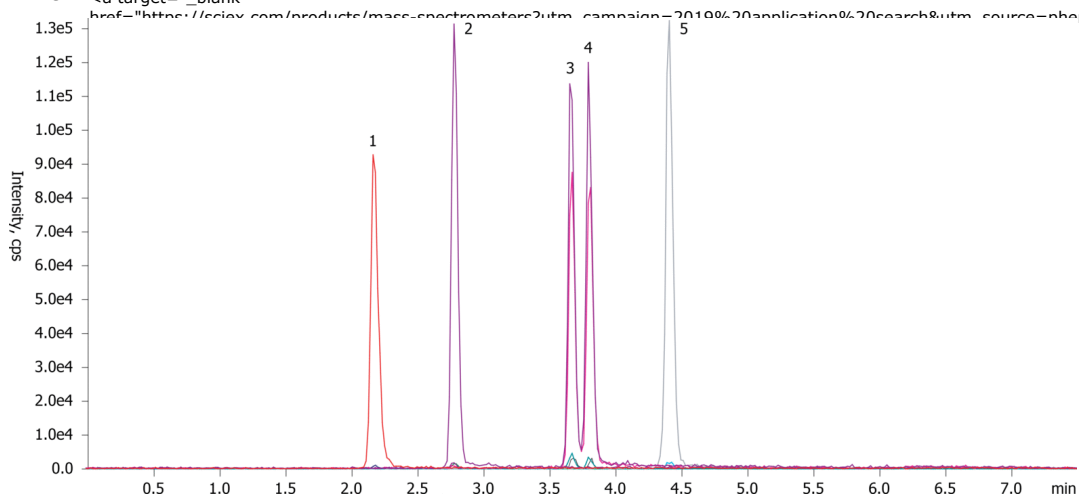


**Flow Rate:** 0.25 mL/min

**Col. Temp.:** ambient

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:**



### ANALYTES:

- 1 Phenobarbital  
Retention Time: 2.2 min
- 2 butalbital  
Retention Time: 2.8 min
- 3 Pentobarbital  
Retention Time: 3.7 min
- 4 Amobarbital  
Retention Time: 3.8 min
- 5 Secobarbital  
Retention Time: 4.4 min

