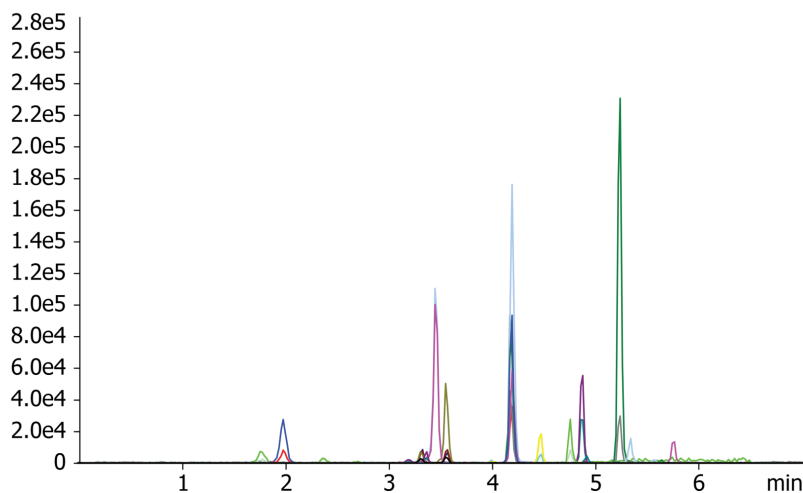


Opiates at low pH using Kinetex 5u Biphenyl 50 x 2.1 mm**Column:** Kinetex® 5 µm Biphenyl 100 Å LC Column 50 x 2.1 mm, Ea**Dimensions:** 50 x 2.1 mm ID**Order No:** 00B-4627-AN**Elution Type:** Gradient**Eluent A:** Water with 0.1% Formic acid**Eluent B:** Methanol with 0.1% Formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	0.5	90	10
	3	2	75	25
	4	4.5	20	80
	5	4.51	15	85
	6	5.5	15	85
	7	5.51	90	10
	8	7	90	10

Flow Rate: 500 mL/min**Col. Temp.:** 40 °C**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)**Detector Info:** SCIEX
22713**Products used in this application:**

Opiates at low pH using Kinetex 5u Biphenyl 50 x 2.1 mm

ANALYTES:

- 1** Meprobamate
- 2** Normepiridine
- 3** Mepiridine
- 4** Carisoprodol
- 5** Tramadol
- 6** Hydromorphone
- 7** Morphine
- 8** Codeine
- 9** Hydrocodone
- 10** Oxymorphone
- 11** Methadone
- 12** Oxycodone
- 13** 6-MAM
- 14** Norbuprenorphine
- 15** Buprenorphine

