

# HPLC Application

ID No.: 19246



## Extraction of Analgesics from Plasma Using Strata X-A on Kinetex 2.6u, C18, 50x2.1mm by LC-UV

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

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4462-AN

**Elution Type:** Gradient

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub>(pH 7.0)

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	90	10
	3	1.01	30	70
	4	5.5	30	70

**Flow Rate:** 0.4 mL/min

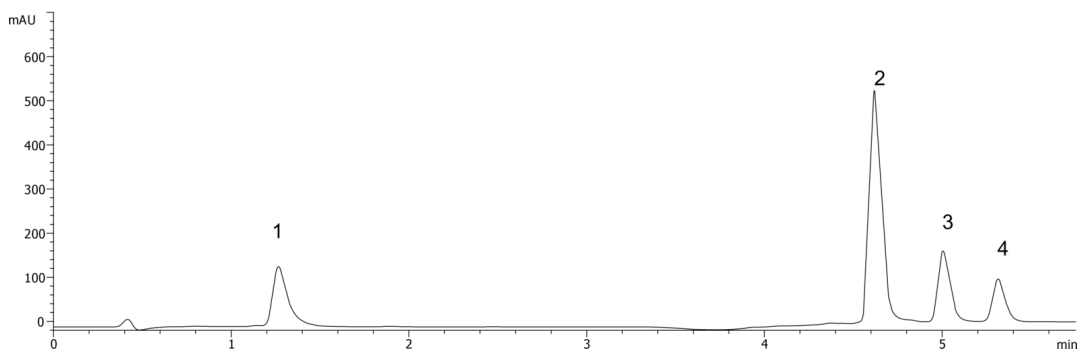
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

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Products used in this application:



### ANALYTES:

- 1 Salicylic acid  
Retention Time: 1.26 min
- 2 Naproxen  
Retention Time: 4.6 min
- 3 Fenoprofen  
Retention Time: 5 min
- 4 Ibuprofen  
Retention Time: 5.3 min

