

# HPLC Application

ID No.: 18540

## Analgesics using Kinetex 2.6µm C18 50 x 2.1mm ID (without KrudKatcher Ultra)

**Column:** Kinetex<sup>®</sup> 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:** Water with 0.1% Formic acid

**Eluent B:** Acetonitrile with 0.1% Formic Acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	2	10	90
	3	2.5	10	90
	4	2.51	90	10

**Flow Rate:** 1 mL/min

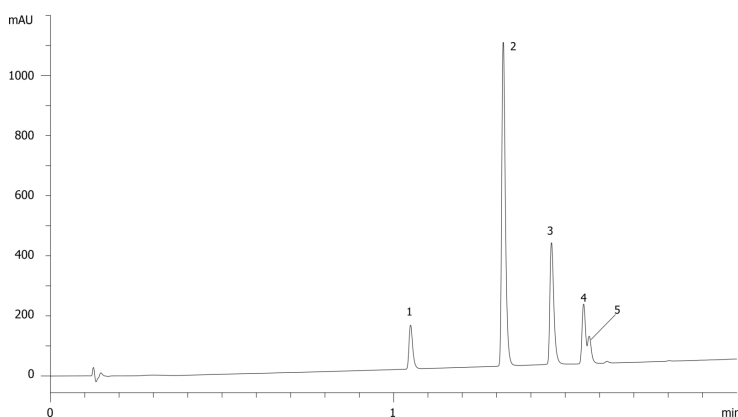
**Col. Temp.:** ambient

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

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Products used in this application:



### ANALYTES:

- 1 Ethyl paraben**  
Retention Time: 1.05 min
- 2 Naproxen**  
Retention Time: 1.32 min
- 3 Diflunisal**  
Retention Time: 1.46 min
- 4 Indomethacin**  
Retention Time: 1.55 min
- 5 Ibuprofen**  
Retention Time: 1.57 min

