

Antibiotic Fluoroquinolones on Allure® PFP Propyl

Peak List:

1. norfloxacin
2. levofloxacin
3. ciprofloxacin
4. lomefloxacin
5. enrofloxacin
6. sparfloxacin

Sample:

Inj.: 5µL
Conc.: ~50µg/mL each component
Sample diluent: mobile phase

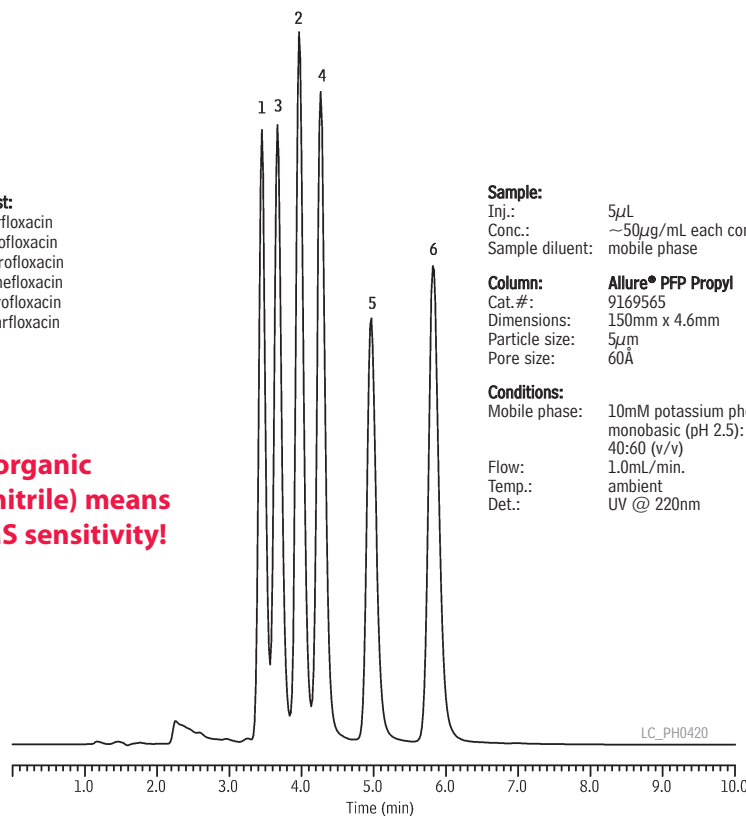
Column:

Allure® PFP Propyl
Cat.#: 9169565
Dimensions: 150mm x 4.6mm
Particle size: 5µm
Pore size: 60Å

Conditions:

Mobile phase: 10mM potassium phosphate monobasic (pH 2.5): acetonitrile, 40:60 (v/v)
Flow: 1.0mL/min.
Temp.: ambient
Det.: UV @ 220nm

**High organic
(60% acetonitrile) means
better LC/MS sensitivity!**



Nonsteroidal Anti-inflammatory Drugs (NSAIDs)
Ultra II® Biphenyl



Sample:

Inj.: 5µL
Conc.: 15µg/mL each component
Sample diluent: methanol

Column:

Ultra II® Biphenyl
Cat.#: 9609853
Dimensions: 50mm x 3.0mm
Particle size: 2.2µm
Pore size: 100Å

Conditions:

Instrument: Shimadzu Prominence UFLCXR
Mobile phase: 20mM potassium phosphate, pH 2.5 with H₃PO₄:methanol (30:70)

Flow:

1.2mL/min.

Temp.:

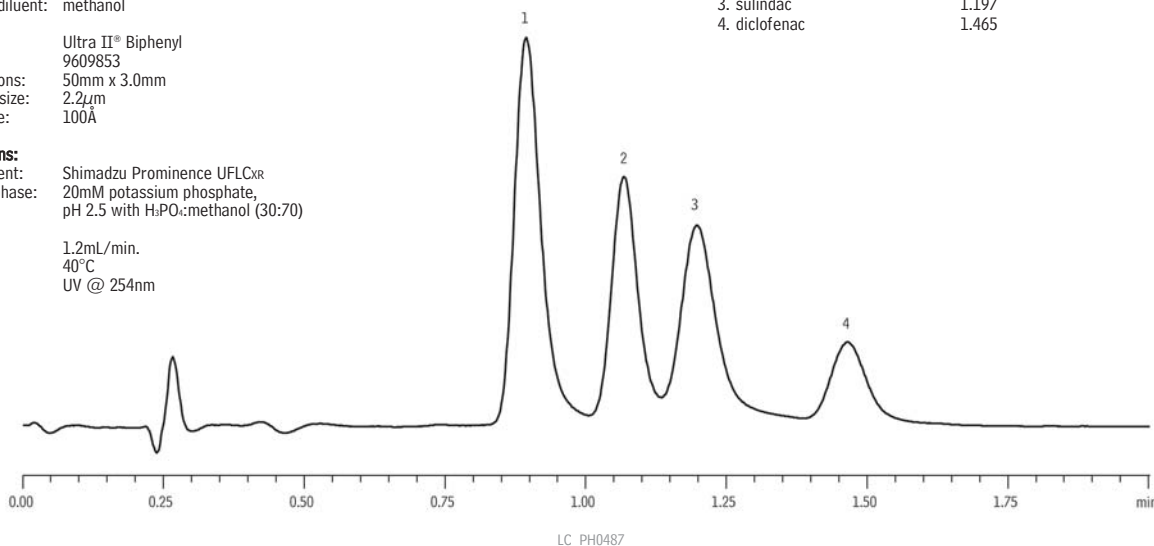
40°C

Det.:

UV @ 254nm

Peak List

Peak List	Ret. Time (min.)
1. ketoprofen	0.894
2. piroxicam	1.068
3. sulindac	1.197
4. diclofenac	1.465



For more information on Biphenyl columns, visit

www.restek/biphenyl



www.restek.com

723