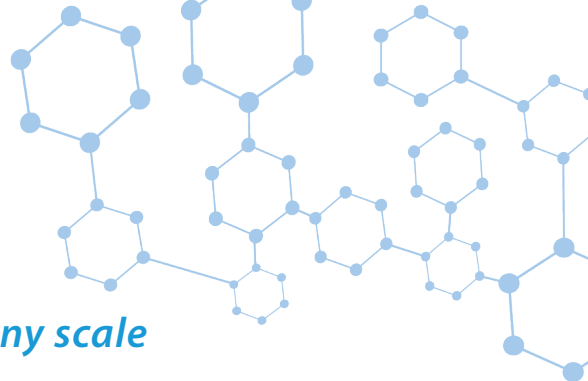


# EVOKE™

## C18 Columns

### High performance reversed-phase separations at any scale

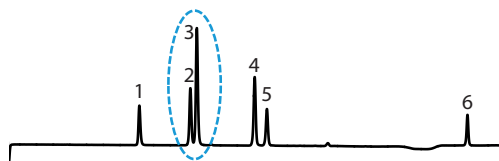
- High efficiency columns designed to resolve complex samples
- Unique gas-phase endcapping for added hydrophobicity and inertness
- Seamless scalability with particles from 1.8 μm to >20 μm
- Proprietary packing technology ensures column to column reproducibility



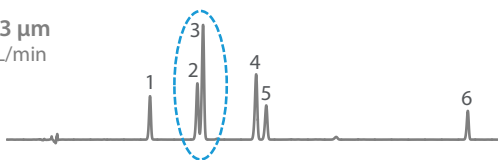
### Scalable Separations across a Wide Range of Particle Sizes

Separation of NSAIDs on Evoke C18

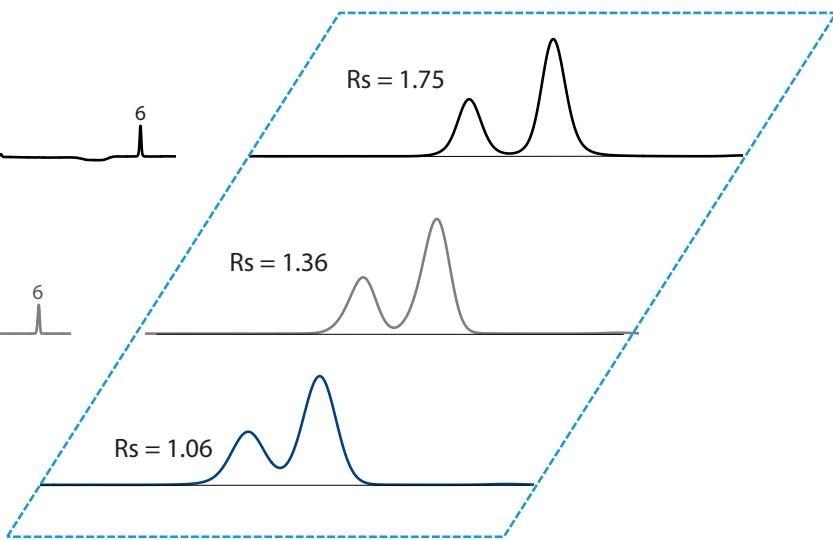
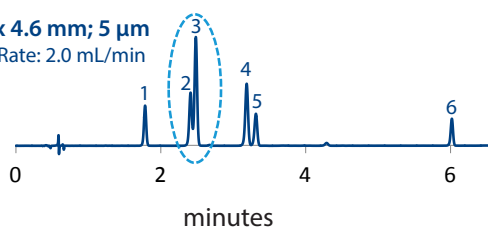
100 x 2.1 mm; 1.8 μm  
Flow Rate: 0.4 mL/min



100 x 4.6 mm; 3 μm  
Flow Rate: 2.0 mL/min



100 x 4.6 mm; 5 μm  
Flow Rate: 2.0 mL/min



**Peak IDs:** 1) Indoprofen 2) Ketoprofen 3) Naproxen 4) Fenoprofen 5) Flurbiprofen 6) Ibuprofen

**Mobile Phase:** A) H<sub>2</sub>O + 0.1% TFA; B) ACN + 0.1% TFA

**System:** Shimadzu Nexera UC

**Detection:** UV 220 nm

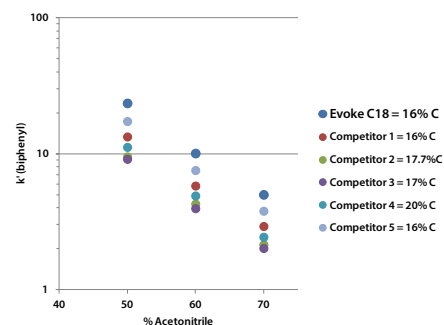
**Gradient:**

Time (min)	%B
0	40
4	70
6	95

A new line of C18 columns, optimized for high efficiency separations and excellent column to column reproducibility, improves productivity and solves complex separation challenges. Evoke™ C18 columns are packed with high purity silica and endcapped using a unique gas-phase technology. Gas-phase endcapping leads to improved surface coverage, shielding acidic silanol groups for a highly inert, hydrophobic surface that results in excellent separation kinetics and provides unique selectivity in comparison to other C18 phases. Additionally, it allows the use of higher concentrations of organic mobile phase for greater sensitivity by electrospray ionization mass spectrometry and improved loading capacity for preparative applications.

High efficiency separations can be achieved on fully porous particles, ranging from 1.8 μm (analytical scale) to greater than 20 μm (process scale purifications). Our most popular column sizes are stocked for immediate delivery.

### High Capacity C18 Phase



Unique gas-phase endcapping promotes hydrophobic retention for unique selectivity and greater retention over leading high carbon load phases



# EVOKE™

## C18 Columns

### ORDERING INFORMATION

#### 1.8 μm

DIMENSIONS	CATALOG #
5 cm x 2.1 mm	1-760106-300
10 cm x 2.1 mm	1-760107-300
2 cm x 3 mm	1-760103-300
5 cm x 3 mm	1-760104-300
10 cm x 3 mm	1-760105-300
5 cm x 4.6 mm	1-760102-300
10 cm x 4.6 mm	1-760101-300

#### 3 μm

DIMENSIONS	CATALOG #
5 cm x 2.1 mm	1-760206-300
10 cm x 2.1 mm	1-760207-300
15 cm x 2.1 mm	1-760209-300
2 cm x 3 mm	1-760203-300
5 cm x 3 mm	1-760204-300
10 cm x 3 mm	1-760205-300
15 cm x 3 mm	1-760210-300
5 cm x 4.6 mm	1-760202-300
10 cm x 4.6 mm	1-760201-300
15 cm x 4.6 mm	1-760208-300
25 cm x 4.6 mm	1-760211-300

#### 5 μm

DIMENSIONS	CATALOG #
3 cm x 2.1 mm	1-760319-300
5 cm x 2.1 mm	1-760306-300
10 cm x 2.1 mm	1-760307-300
15 cm x 2.1 mm	1-760309-300
5 cm x 3 mm	1-760304-300
10 cm x 3 mm	1-760305-300
3 cm x 4.6 mm	1-760318-300
5 cm x 4.6 mm	1-760302-300
10 cm x 4.6 mm	1-760301-300
15 cm x 4.6 mm	1-760308-300
25 cm x 4.6 mm	1-760311-300
25 cm x 10 mm	1-760312-300
10 cm x 21.1 mm	1-760303-300
15 cm x 21.1 mm	1-760310-300
25 cm x 21.1 mm	1-760315-300
15 cm x 30 mm	1-760316-300
25 cm x 30 mm	1-760313-300
15 cm x 50 mm	1-760317-300
25 cm x 50 mm	1-760314-300

#### 10 μm

DIMENSIONS	CATALOG #
5 cm x 2.1 mm	1-760406-300
5 cm x 4.6 mm	1-760402-300
10 cm x 4.6 mm	1-760401-300
15 cm x 4.6 mm	1-760407-300
25 cm x 4.6 mm	1-760411-300
25 cm x 10 mm	1-760412-300
15 cm x 21.1 mm	1-760410-300
25 cm x 21.1 mm	1-760409-300
50 cm x 21.1 mm	1-760404-300
25 cm x 30 mm	1-760413-300
50 cm x 30 mm	1-760405-300
25 cm x 50 mm	1-760403-300

#### Evoke™ C18 Media Specifications

Carbon Content:	16%
Pore Size:	100Å
Surface Area:	~320 m <sup>2</sup> /g
pH Range:	2 - 8
Particle Sizes:	1.8, 3, 5, 10 μm and greater*

\*Particles larger than 10 μm available upon request

Contact Regis today to discuss how our reversed-phase columns can improve your separations.



#### ABOUT REGIS TECHNOLOGIES, INC.

Regis Technologies, Inc. has been a recognized manufacturer of innovative consumables for the separation scientist since 1966. Our products include packed columns in sizes from analytical to preparative, bulk media for chiral and achiral separations and specialty column and reagents. Regis also provides synthesis and separations services to the pharmaceutical, biotechnology, and other related industries. For more information, please visit [www.registech.com](http://www.registech.com).

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