

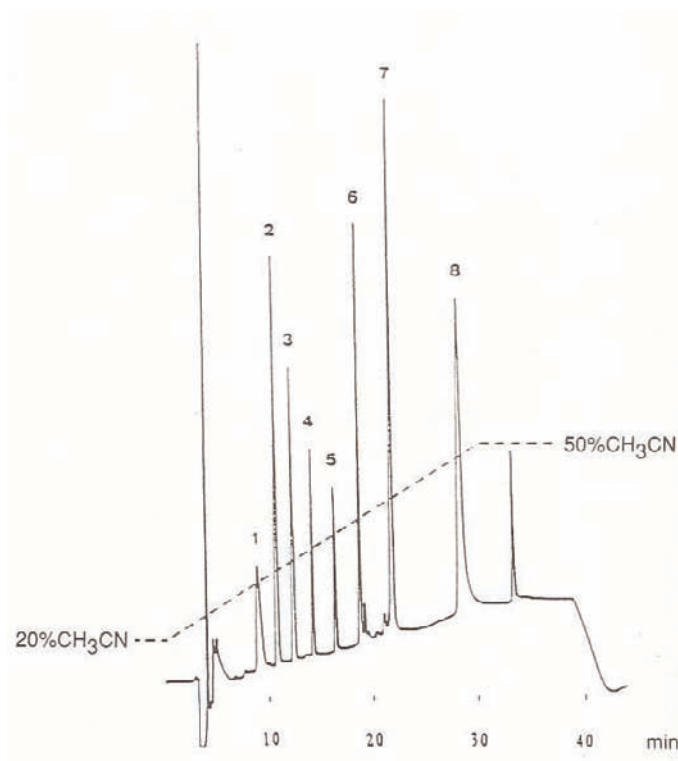


Epic C4 SD is specifically engineered for the demands of high performance HPLC. Epic C4 SD is a product of high bonding density technology; high bonding density provides the maximum stationary phase interaction providing a platform for flexible mobile phase compositions. It provides superior retention even at very low and very high organic levels. In addition, it is compatible with all LC-MS mobile phases and buffer systems. The unique chemical structure provides for stable retention under high aqueous conditions as well as provide the best peak shape for the most difficult to chromatograph amine compounds. It is ideally suited for biological separations (as shown in the chromatogram below). Several chromatograms highlighting the unique capabilities of Epic C4-SD are shown below. This column provides advanced high performance/high resolution HPLC separations in a narrow bore short column formats, as well as preparative applications.

Analysis of Peptides and Proteins

1. Bradykinin
2. Met-Enkephalin
3. Angiotensin I
4. Leu-Enkephalin
5. Substance P
6. Isulin
7. Lysozyme
8. Myoglobin

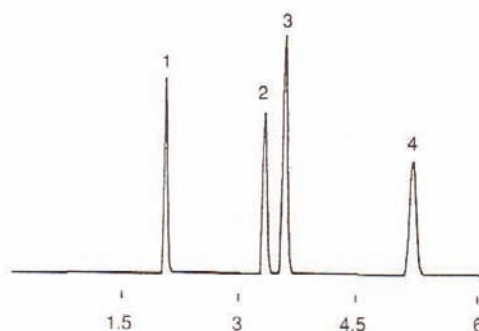
Column: Epic C4 SD 5 μ m 120Å
25cm X 4.6mm
Eluent: A = 0.1% TFA
B = Acetonitrile
Gradient: 20-50% B in 30 min
Flow rate: 1.0 mL/min
Detection: UV at 200nm



Cough / Cold Medicine

1. Maleate
2. Phenylpropanolamine
3. Pseudoephedrine
4. Scopalamine
5. Chorpheniramine

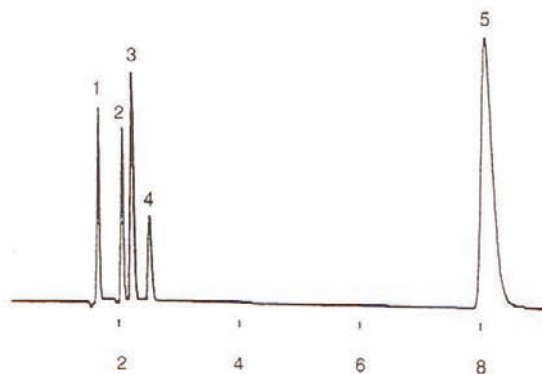
Column: Epic C4 SD 5 μ m 120Å
 25cm X 4.6mm
 Eluent: CAN/0.05M KH₂PO₄ pH 3.2 (15/85)
 Flow rate: 2.0 mL/min
 Detection: UV at 254nm



Anilines

1. Phenol
2. Dimethylaniline
3. Toluene
4. Diethylaniline
5. (unlabeled)

Column: Epic C4 SD 5 μ m 120Å
 25cm X 4.6mm
 Eluent: Acetonitrile/Water (60/40)
 Flow rate: 2.0 mL/min
 Detection: UV at 254nm



 INDUSTRIES	Epic C4 SD
	Application News

701 South Route 73 • West Berlin, New Jersey 08091-2621 • (856) 753-8400 • Fax (856) 753-8484

Column Ordering Information

3 micron	4.6mm ID	3.2mm ID	2.1mm ID	Price
5cm	115191-EC4-SD	11d191-EC4-SD	112191-EC4-SD	\$415.00
10cm	125191-EC4-SD	12d191-EC4-SD	122191-EC4-SD	\$455.00
15cm	135191-EC4-SD	13d191-EC4-SD	132191-EC4-SD	\$495.00

5 micron	4.6mm ID	3.2mm ID	2.1mm ID	Price
5cm	115291-EC4-SD	11d291-EC4-SD	112291-EC4-SD	\$390.00
10cm	125291-EC4-SD	12d291-EC4-SD	122291-EC4-SD	\$415.00
15cm	135291-EC4-SD	13d291-EC4-SD	132291-EC4-SD	\$455.00
25cm	155291-EC4-SD	15d291-EC4-SD	152291-EC4-SD	\$495.00

Chromegabond ® Guard Column Ordering Information

Part Number	Description	Price
300100	Guard Cartridge Holder	\$90.00
300106	Universal Coupler, .005", PEEK Tube	\$95.00
300101-EC4-SD	1cm X 3.2mm Guard Cartridges / Pack of 5	\$230.00