



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

## **BUSINESS REPLY MAIL**

FIRST-CLASS MAIL PERMIT NO. 32 HESPERIA, CA

POSTAGE WILL BE PAID BY ADDRESSEE

THE SEPARATIONS GROUP 17434 MOJAVE STREET HESPERIA CA 92345-9907

lldaaddallalalddddaldalladadaldl

years of innovation

U.S. POSTAGE

PAID

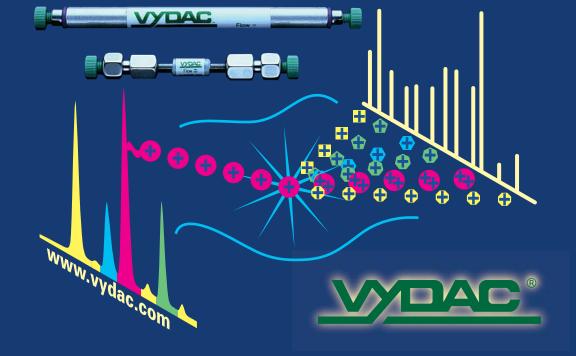
SM SYSTEMS INC

BULK RATE

The Separations Group 17434 Mojave Street Hesperia, CA 92345



## We want to be your LC/MS column company!



In the past 20 years, LC/MS has become the most powerful tool available for chemical and biochemical analysis. During the same time, C4 and C18 phases on Vydac's high-purity 300 Å pore-size TP silica (214TP, 218TP, and 238TP) have become the benchmark adsorbents for reversed-phase HPLC of proteins, peptides, and oligonucleotides. Recognizing the special needs of mass spectroscopists, Vydac introduced, two years ago, special modified versions of these popular reversed-phase adsorbents (214MS, 218MS, and 238MS) with less requirement for TFA to obtain good peak shapes. To the available analytical and microanalytical column diameters (4.6, 3.2, 2.1, and 1.0 mm) we recently added 0.3 and 0.5 mm diameter prepacked capillary columns, listed below, for microflow applications.

Additional developments are under way. Vydac wants to work with you to assure the absolute best LC separations coupled to your MS analytical techniques. Our team of application chemists can assist.

We encourage you to call Vydac for immediate needs, remove and return the attached response card to let us know your longer-term needs and assure that we code your name on Vydac's list for future LC/MS-related information, and visit our website where you can find the latest product information and updates:

www.vydac.com

## **Prepacked Capillary Columns**

(containing 300 Å pore-size 5 µm spheroidal packings)

I.D.	Length	C			
(mm)	(mm)	C4*	C18*	C18**	Prices
0.3	50	214MS5.305	218MS5.305	238MS5.305	\$ 450
0.3	100	214MS5.310	218MS5.310	238MS5.310	\$ 450
0.5	50	214MS5.505	218MS5.505	238MS5.505	\$ 450
0.5	100	214MS5.510	218MS5.510	238MS5.510	\$ 450

\*polymeric bonding \*\*monomeric bonding

Capillary columns are available in 150 mm and 250 mm lengths for an additional \$25 charge. Other Vydac adsorbents can be custom packed in capillary columns. Please call for details.

For the complete range of standard Vydac analytical column sizes, please consult the Vydac catalog or see the listing on Vydac's website.



Vydac/The Separations Group, Inc. • 17434 Mojave Street • Hesperia, California 92345 • USA Tel: (760) 244-6107 • Toll-Free: (800) 247-0924 • Fax: (760) 244-1984 • Email: experts@vydac.com

Separate business reply card at perforation before mailing.

Please assure that my name is present on the Vydac mailing list and coded to receive information on LC/MS products and applications. (Note: Vydac is not permitted to merge lists purchased for this mailing with our own list. The only way to be certain you are on our list is to return this card or complete the form on the LC/MS section of our website: www.vydac.com)

Title	Name			My employer is	<ul><li>□ government</li><li>□ contract lab</li><li>□ food industry</li></ul>	
Address	Title					
Address   food industry other:  City State Zip   My MS analyses are   proteins   peptides   oligonucleotic   carbohydrate   small molecular   small molecular   for LC/MS is   Type   Diameter   Length   Brand   food industry   food industry   food industry   other:	Organization					
Telephone ( )  Facsimile ( )  Email address  The column I use most frequently for LC/MS is  Type  Diameter  Length  My MS analyses are proteins peptides peptides poligonucleoti carbohydrate small molecu	Address					
Facsimile ( )  Email address  The column I use most frequently for LC/MS is  Type  Diameter  Length  Diameter  Diame	City	State	Zip			
Facsimile ( )	Telephone (	)		My MS analyses are		
Email address □ small molecu  The column I use most frequently for LC/MS is  Type Diameter Length Brand	Facsimile (	)			oligonucleotides	
Type Diameter Length Brand	Email address				□ small molecules	
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	The column I use mos	t frequently for LC/MS	is			
The HPLC column product I would find most useful would be	Туре	Diameter	Length	Brand		
•	The HPLC column pro	duct I would find mos	t useful would be			