

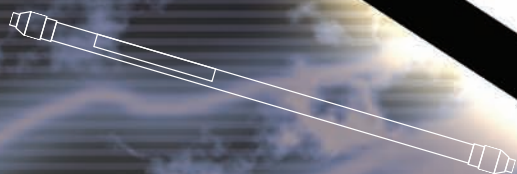
FLA.S.H.

Jordi Gel DVB Fluorinated

Unique Selectivity

High Resolution

High Speed



SPECIALISTS IN CHEMICAL TESTING AND LC PRODUCTS

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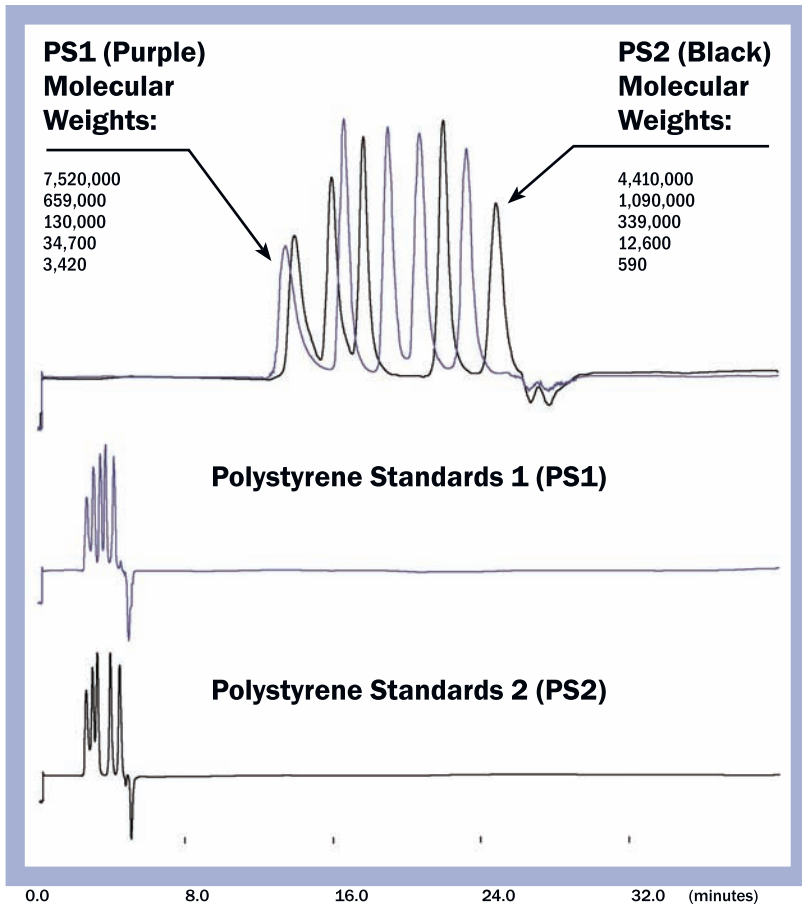
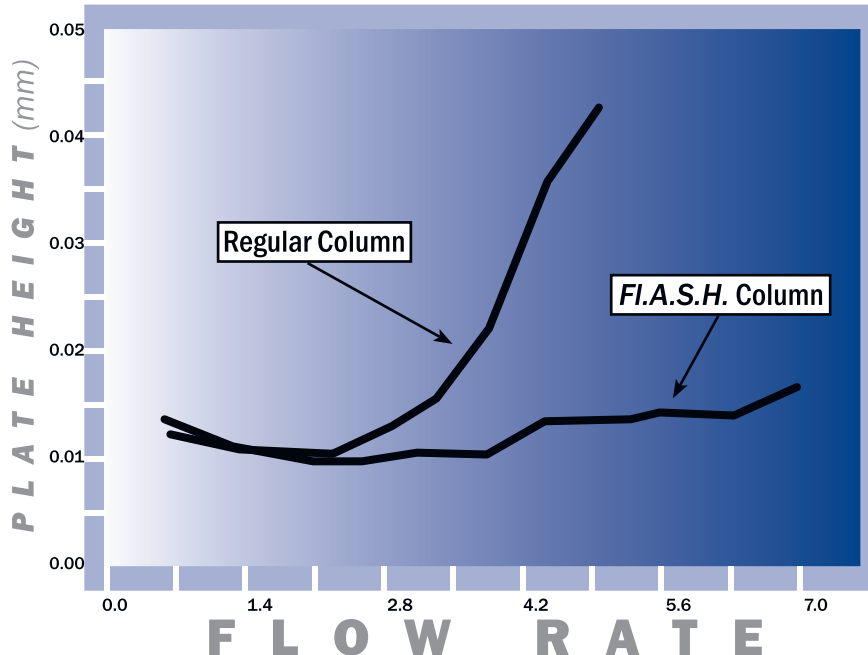
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van Deemter Curves

Unlike traditional columns, Jordi *F.I.A.S.H.* columns maintain high efficiency at increased flow rates. The van Deemter Curve shows that plate counts decreased only slightly for the *F.I.A.S.H.* at flow rates as high as 7.0 mL/min. Thus separations can be performed at high speed without sacrificing resolution!

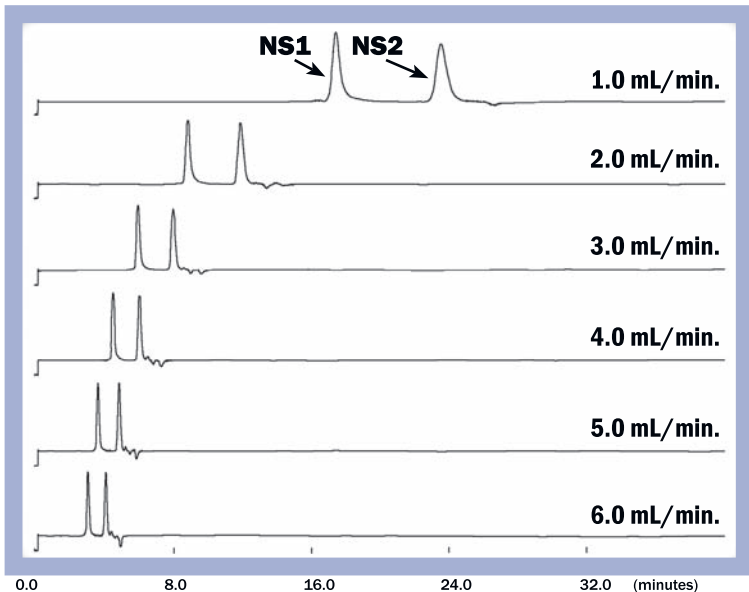
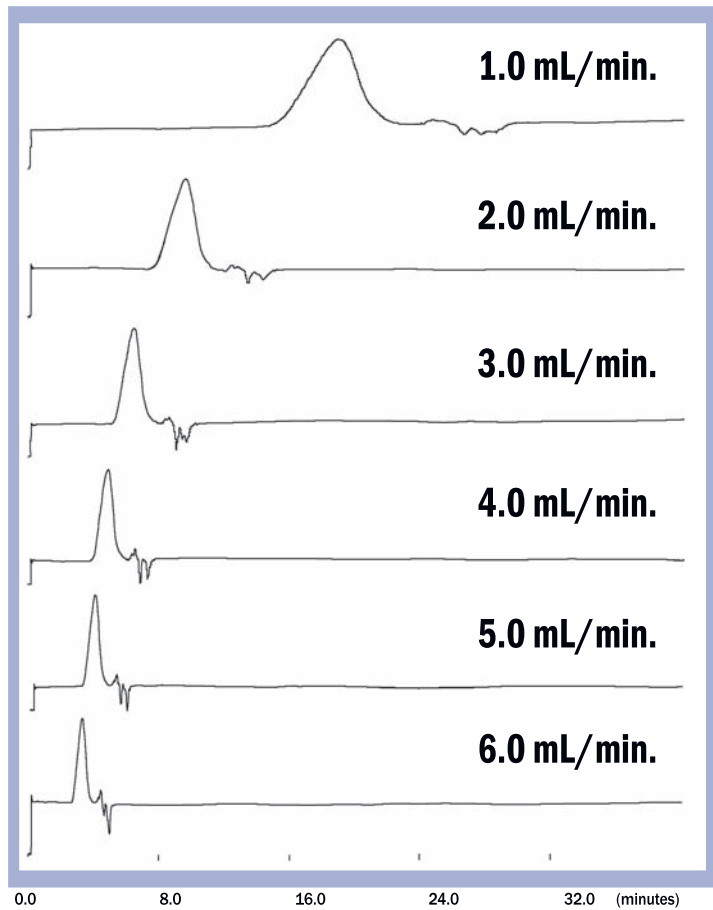


Jordi Gel Fluoridated *F.I.A.S.H.* column 50 cm x 10 mm in THF at 35°C and 1.0 mL/min (top) and 6.0 mL/min (bottom two). Showing resolution of all 10 standards at high flow rate



Flow Rate	1.0	2.0	3.0	4.0	5.0	6.0
Mn	91,621	97,130	92,892	88,404	92,129	97,155
Mw	248,804	260,683	251,692	242,257	249,506	248,177
Mz	565,682	557,700	523,895	516,378	543,497	504,640
PDI	2.71	2.68	2.71	2.73	2.71	2.55

% Deviation	Mn	Mw	Mz	PDI
	3.65	2.41	4.51	2.45



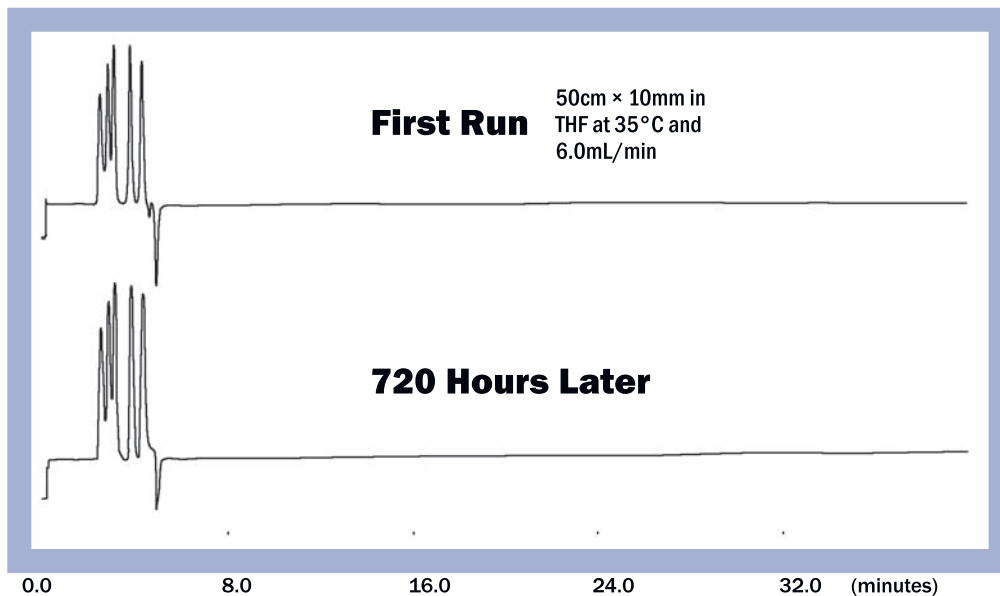
High Molecular Weight Narrow Standard (NS1)

Flow Rate	1.0	2.0	3.0	4.0	5.0	6.0
Mn	314,675	326,563	313,258	309,994	312,516	318,182
Mw	335,873	351,945	341,751	338,512	345,004	354,608
Mz	354,060	369,274	361,375	359,862	369,805	387,599
PDI	1.07	1.08	1.09	1.09	1.10	1.11

Low Molecular Weight Narrow Standard (NS2)

Flow Rate	1.0	2.0	3.0	4.0	5.0	6.0
Mn	1,970	2,010	1,921	1,823	1,901	1,943
Mw	2,242	2,304	2,201	2,078	2,154	2,259
Mz	2,485	2,570	2,464	2,328	2,418	2,643
PDI	1.14	1.15	1.14	1.14	1.13	1.16

NS1 % Dev.	1.87	2.15	3.19	1.52
NS2 % Dev.	3.32	3.68	4.47	0.93



Durability

Jordi FI.A.S.H. columns are long lasting due to the 100% DVB polymer backbone. The above chromatograms show the FI.A.S.H. after 720 hours of continuous use at 6.0 mL/min and still going strong.

Try the FI.A.S.H. for yourself. Columns or Bulk Gel are available in porosities ranging from 100-10⁵ Å and all column sizes.

Call or email us for help selecting the product which is right for you.