

# GUARD YOUR UHPLC COLUMNS WITHOUT SACRIFICING PERFORMANCE

The Measure of Confidence



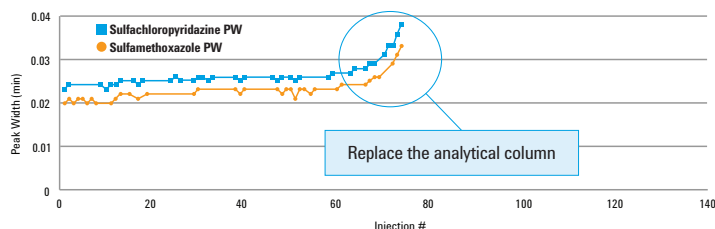
## AGILENT FAST GUARDS FOR SUB-2 μm UHPLC

Particulate matter in biological, food, environmental and other "dirty" samples can cause premature wear on your valuable UHPLC columns.

Fast Guards for sub-2 μm UHPLC extend the life of your analytical columns – saving your lab money *while maintaining fast LC performance*. These cost-effective guard columns withstand high UHPLC pressures, and install quickly with no special tools.

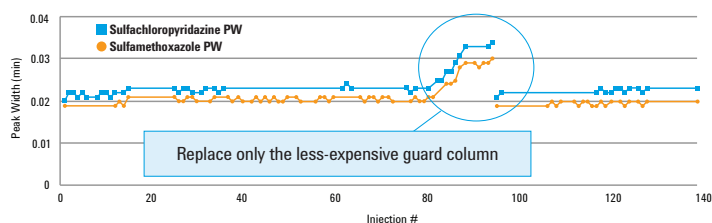
### ► Without a guard column:

Analytical column failure after just 80 injections.



### ► With a guard column:

The guard column fails after 80 injections – preserving the analytical column.



Mobile phase: A: 0.1% Formic acid in water  
 B: Acetonitrile  
 Flow rate: 0.65 mL/min  
 Gradient: Hold 10% B for 2 min, ramp to 45% B in 2 min  
 Injection volume: 10 μL  
 Temperature: 23 °C  
 Detection: Sig = 254, 4 nm; Ref = Off  
 Instrument: Agilent 1200 Series RRLC  
 Sample preparation: 100 mL Water + 0.333 mL similac + 1 mL 0.1 mg/mL sulfachloropyridazine and sulfamethoxazole

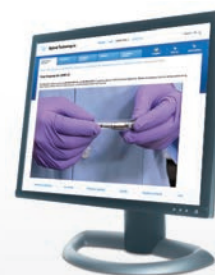
Limited time offer:  
**Save 50%**  
 on your first purchase

To make it easy to experience the benefits of Fast Guards for sub-2 μm UHPLC, we'll take 50% off your first 3-pack order.

**Hurry – offer ends December 31, 2013.\***

Use promo code: **9077**

[agilent.com/chem/store](http://agilent.com/chem/store)



Watch our video demo to see how easy it is to install Agilent Fast Guards:  
[agilent.com/chem/fastguards](http://agilent.com/chem/fastguards)

### Fast Guards for ZORBAX RRHD 1.8 μm (1200 bar) and ZORBAX RRHT 1.8 μm (600 bar) columns

Description	Size (mm)	Particle Size (μm)	Eclipse Plus C18 USP L1	Eclipse XDB-C18 USP L1	SB-C18 USP L1	SB-C8 USP L7
UHPLC Guard, 1200 bar, 3/pk	2.1 x 5	1.8	821725-901	821725-903	821725-902	821725-904
UHPLC Guard, 1200 bar, 3/pk	3.0 x 5	1.8	823750-901	823750-903	823750-902	823750-904
UHPLC Guard, 600 bar, 3/pk	4.6 x 5	1.8	820750-901	820750-903	820750-902	820750-904

Tip: Replace your guard column when the plate number, pressure, or resolution changes by more than 10%.

This information is subject to change without notice.

©Agilent Technologies, Inc., 2013  
 Printed in the USA, July 30, 2013  
 5991-2765EN



**Agilent Technologies**

To save 50% now, visit  
[agilent.com/chem/store](http://agilent.com/chem/store)

Use promo code **9077**

\* Offer good on first purchase only.  
 Limit one 50% discount per purchase order.

To learn more about Agilent Fast Guards for UHPLC, visit  
[agilent.com/chem/fastguardsuhplc](http://agilent.com/chem/fastguardsuhplc)