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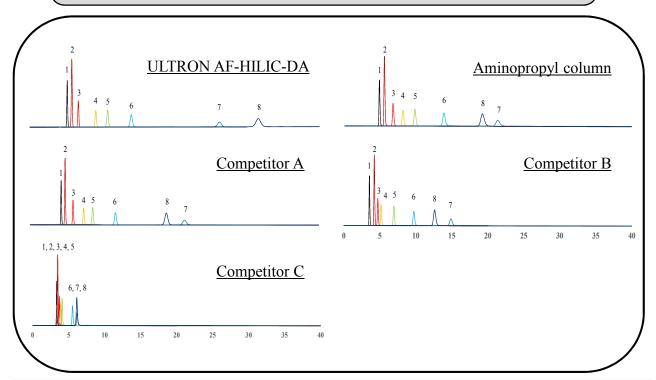
for hydrophilic interaction chromatography

## ULTRON AF-HILIC-DA

NEW

Introducing the ULTRON AF-HILIC-DA, the latest addition to the ULTRON series. By introducing a new amino group via a spacer, this column has greatly improved retention while maintaining the characteristics of an amino column. Also this column shows selectivity for different separations.

#### separation selectivity of nucleobase and nucleoside



Column

ULTRON AF-HILIC-DA 100 mm L x 4.6 mm I.D.
Aminopropyl column 100 mm L x 4.6 mm I.D.
Competitor A 100 mm L x 4.6 mm I.D.
Competitor B 100 mm L x 4.6 mm I.D.
Competitor C 100 mm L x 4.6 mm I.D.

Mobile phase:  $20 \text{ mM CH}_3\text{CO}_2\text{NH}_4\text{(pH 4.7)/CH}_3\text{CN} = 10/90$ 

Flow rate: 0.5 mL/min

Column temp.:  $25^{\circ}$ C

Detection: UV-254 nm

Injection vol.:  $4 \mu L$ 

Sample: 1. Thymine

2. Uracil

3. Cytosine

4. 2'-Deoxyuridine

5. 5-Methyluridine

6. Uridine

7. Cytidine

8. 2'-Deoxyguanosine



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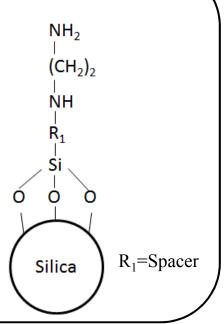
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#### **ULTRON AF-HILIC-DA**

(New amino combined silica stationary phase)

- · diamine (primary and secondary) is introduced in packing material that is based on silica gel.
- The retention of polar compounds is strong and have a variety of separation selectivities.
- · Have anion exchange as same as amino column



### **ULTRON AF-HILIC-DA line-up**

Column dimensions Length × I.D. (mm)	Price
100 x 2.0	
100 x 4.6	
150 x 2.0	
150 x 4.6	
250 x 4.6	

Please do not hesitate to contact us for the other dimensions.



Please be aware that specifications are subject to change without prior notification.