

SHINWA EXPRESS

Information

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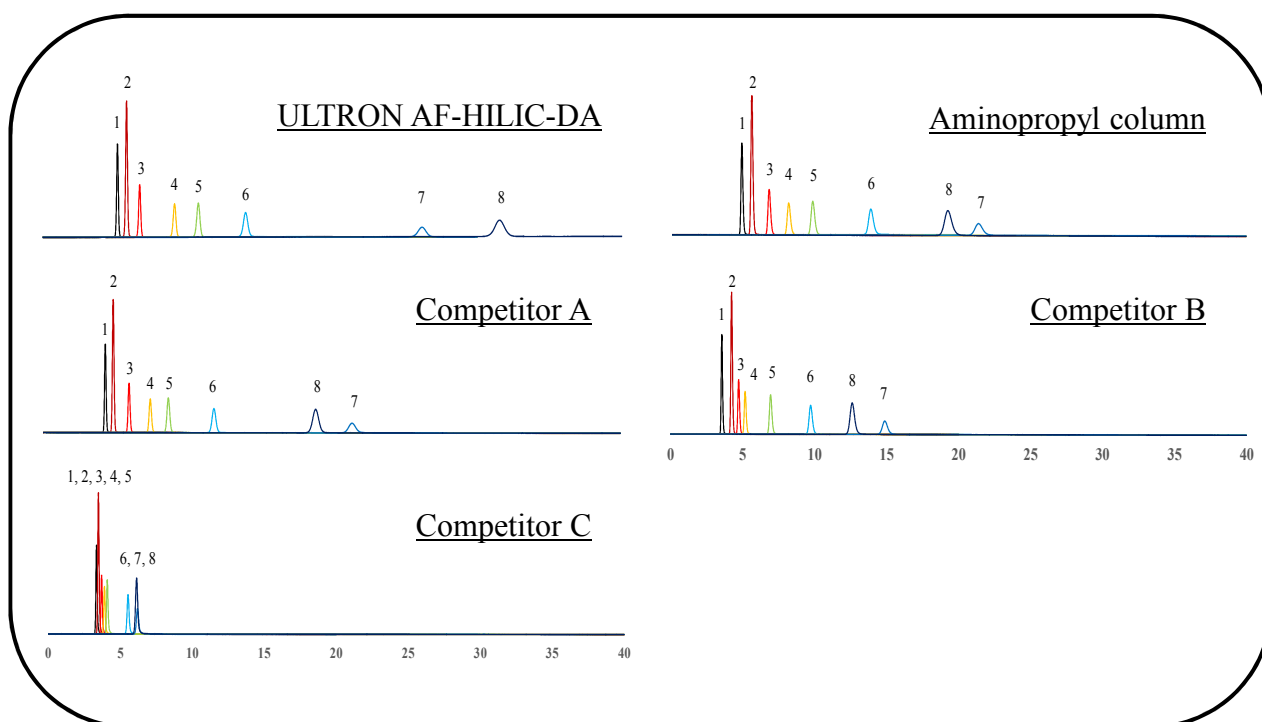
for hydrophilic interaction chromatography

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 mM $\text{CH}_3\text{CO}_2\text{NH}_4$ (pH 4.7)/ CH_3CN = 10/90

Flow rate: 0.5 mL/min

Column temp.: 25°C

Detection: UV-254 nm

Injection vol.: 4 μL

Sample:

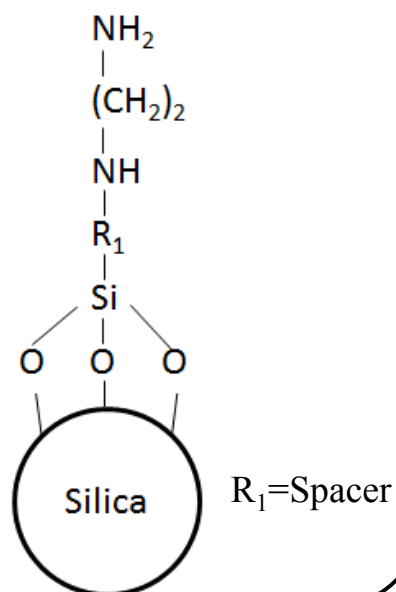
1. Thymine
2. Uracil
3. Cytosine
4. 2'-Deoxyuridine
5. 5-Methyluridine
6. Uridine
7. Cytidine
8. 2'-Deoxyguanosine

What's new?

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 × 2.0	60,000 JPY
100 × 4.6	50,000 JPY
150 × 2.0	67,000 JPY
150 × 4.6	59,000 JPY
250 × 4.6	70,000 JPY

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



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