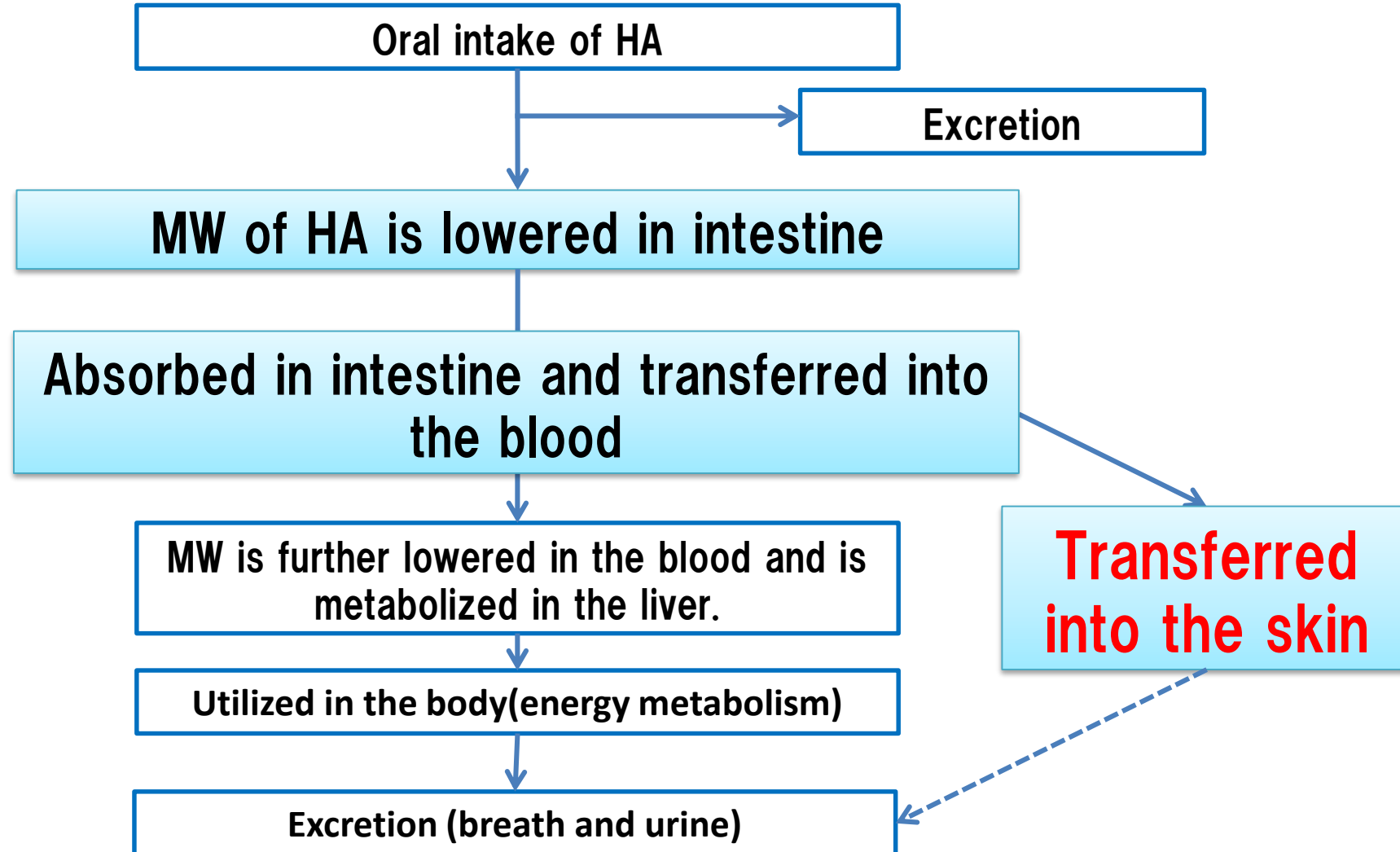
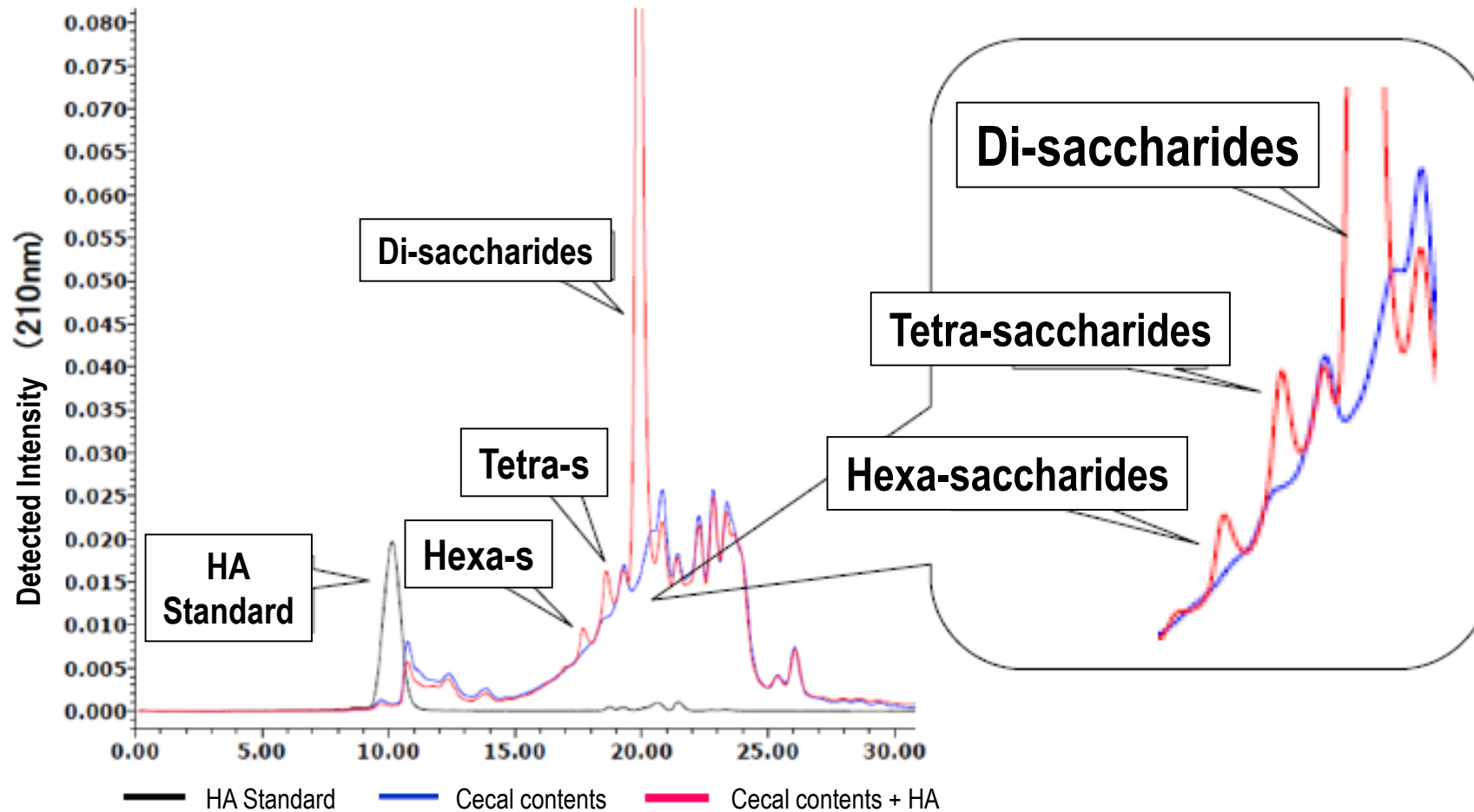


Is HA really bio-available by oral intake ?



HA may be degraded to di-, tetra-, or hexa-saccharides of HA by Hyaluronidase secreted from intestinal bacteria in cecus.



HPLC profile of HA molecular change after mixing with cecal contents

Kurihara, H. et al. (2014) 14th Jpn Soc. Anti-Aging Med., Poster Session P104.

Skin moisturization mechanism of ingested HA(consideration)

1.HA facilitates **the proliferation of fibroblasts**¹⁾

2.Oligo-HA was applied to fibroblasts, which **enhanced the biosynthesis of HA**²⁾

1)J. Cell. Physiol., 177, 1998, 465-478

2)Biochem. J., 343, 1999, 71-75.

