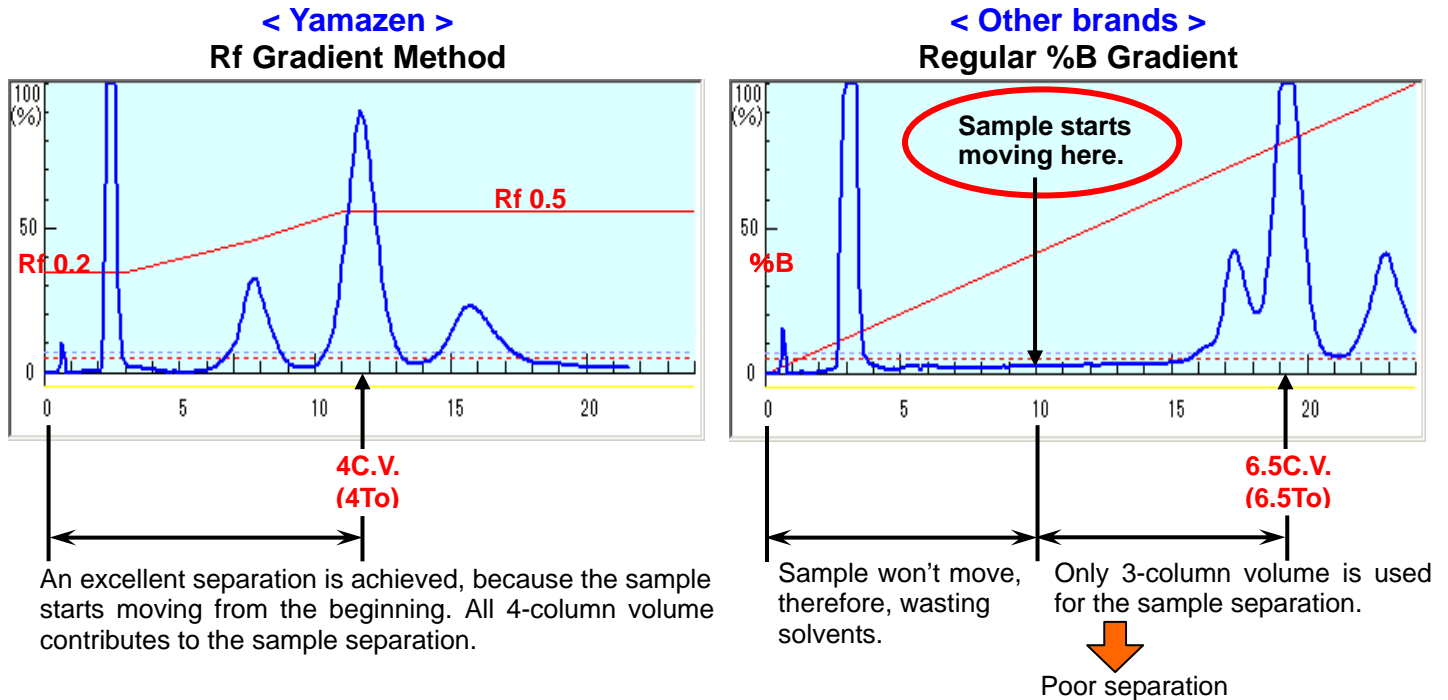


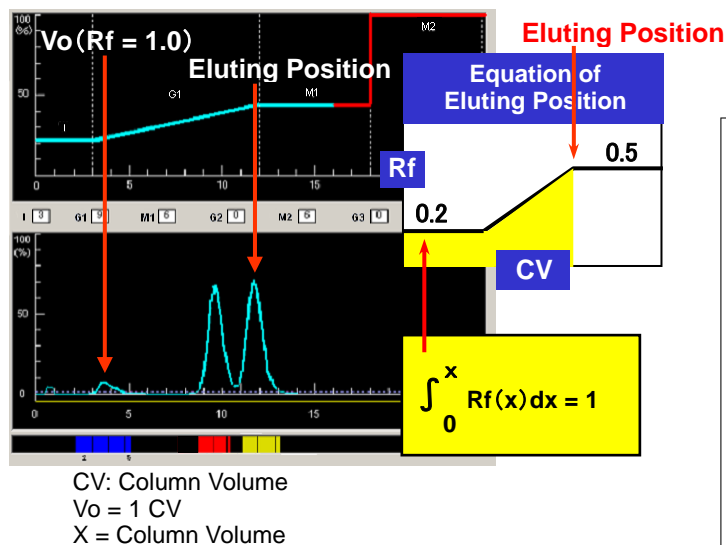
What is Yamazen's Rf Gradient?

The chromatogram on the right shows the linear gradient, which simply increases the mixture ratio of the polar solvent (%B) linearly. This is generally applied as the gradient method. As opposed to the commonly used linear gradient, the chromatogram on the left shows the Yamazen's innovative Rf Gradient method that changes the Rf value linearly to accomplish the ideal chromatography. (US Patent 7169308, Japanese patents 3423707 and 4087395)



To accomplish the most efficient purification and separation of organic compounds without failing any samples, only the Yamazen's Rf Gradient method can control the eluting position and resolution of the samples.

By integrating the Rf Gradient, the Yamazen system is capable of controlling and predicting the eluting position of the desired target compound.



Resolution & Eluting Position

