

ABSTRACT

A simulated moving-bed type chromatographic separation method including: using a circulation system in which three or more unit packed columns each filled with an adsorbent are connected in series and in an endless form via pipes, dividing the circulation system into at least three sections annularly continuous from an upstream side to a downstream side so that each section has at least one of the unit packed column, and separating, by using an eluent, a weakly adsorptive component, a strongly adsorptive component, and an intermediately adsorptive component having adsorption performance on the adsorbent, which performance is intermediate between the previous two components, the weakly adsorptive component, strongly adsorptive component, and intermediately adsorptive component being included in a feed solution, wherein a position of supplying the feed solution, a position of extracting the weakly adsorptive fraction, a position of extracting the intermediately adsorptive fraction, and a position of extracting the strongly adsorptive fraction have a specific relationship; and

a chromatographic separation system suitable for carrying out the chromatographic separation method.

(Fig. 1)