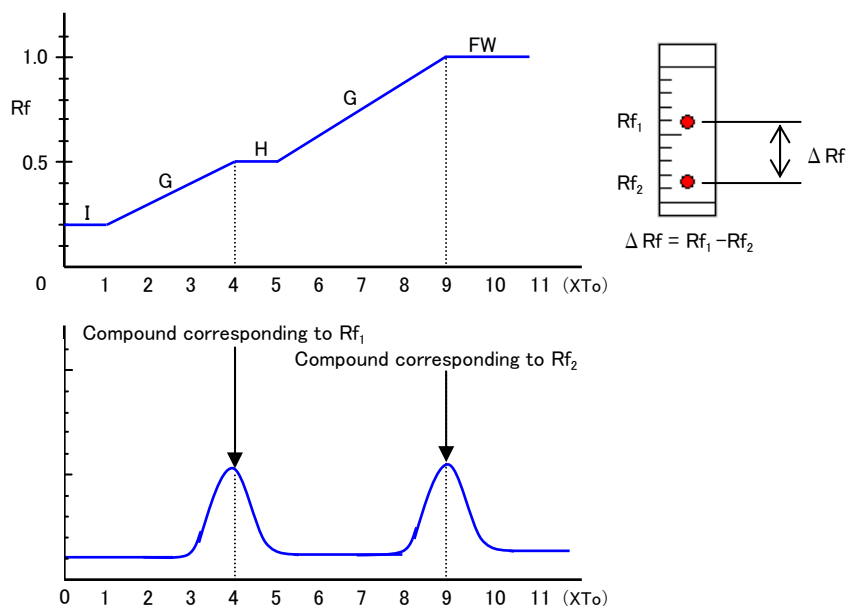


Automated Method Set-Up for 2-Step Gradient

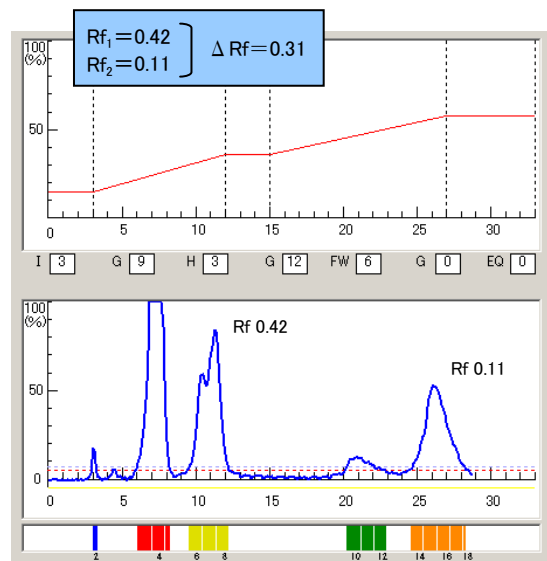
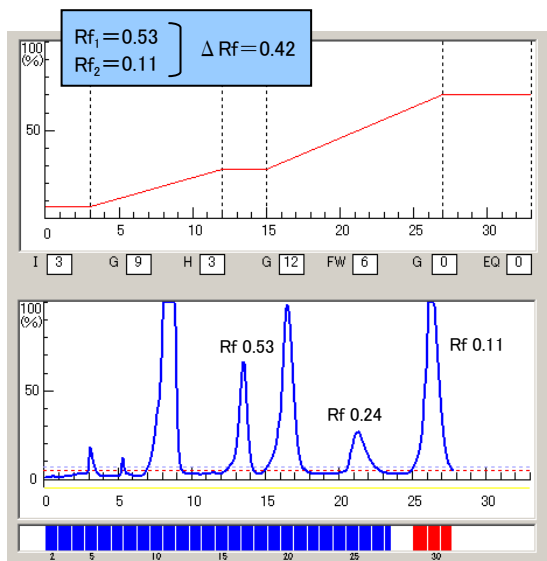
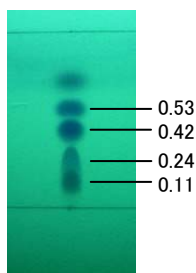
If there are two target compounds whose R_f values (R_{f1} and R_{f2}) are far apart from each other with some other compounds in between, we can separate them accurately by means of "2-Step Gradient Chromatography". Those compounds that correspond to R_{f1} and/or elute earlier than the R_{f1} will be separated during the course of the 1st gradient, and those that correspond to R_{f2} and/or elute between R_{f1} and R_{f2} will be separated and collected during the 2nd gradient. As illustrated, the compound corresponding to R_{f1} will elute at the end of the 1st gradient and the compound corresponding to R_{f2} at the end of the 2nd gradient.

To run "2-Step Gradient Chromatography" click the [2-Step Gradient] button, and the method set-up window will pop up. Input R_f values (R_{f1} and R_{f2}) by either inputting those numbers directly or dragging and dropping markers (the red marker for R_{f1} and the black one for R_{f2}) on the scale. Then input the solvent mixing ratio and select Gradient (GR) from among three elution modes. Click [Chromatography Start] button to start run.

Remarks: R_{f1} is for a larger R_f value and R_{f2} for a smaller value.



(Sample)



Click [2-Step Grad. Mode] button, and its window will pop up. Spot or input R_{f1} value and R_{f2} value respectively, input solvent mixing ratio, and then select the gradient mode so that the optimum method for the 2-step gradient will be automatically set.

2-Step Grad.Mode

