

Adjusted retention time in HPLC - HPLC Primer

Adjusted retention time (t_R ') is the retention time adjusted for the hold-up time: t_R ' = t_R - t_M

where $t_{\scriptscriptstyle R}$ is the retention time and $t_{\scriptscriptstyle M}$ is the hold-up time.

The hold-up time is the time of an analyte (*small molecule*) which completely penetrates the pores and which is not retained at all by the stationary phase.





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