

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_R is the retention time and t_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.

