

## 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.



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