

## 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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