

## Standard analyses

## Thermal desorption profiles

Sample inserted into  
furnace, start 'marked'

$t = 0s$   
—  $t = 10s$

Instrument signal  
integration and  
processing,  
**determines  $Hg_T$**

Sample removed from  
furnace, end 'marked'

—  $t = end$

$t = end + 10s$

baseline interval

baseline interval

Offline processing  
of raw time-series  
output **obtains  
detector signal for  
each sample in 1s  
increments**

↓  
 **$Hg_T$**

