$$F(s)=\frac{1}{(s+a)^5}\rightarrow f(t)=\frac{t^4}{4!}e^{-at}$$

This has a maximum at $t=4/a$

$$f(4/a)=\frac{32}{3}\frac{e^{-4}}{a^4}=\frac{0.195}{a^4}$$

$f(15/a)\approx 0.6*10^{-3}\cdots$It takes 15 times to restore baseline.