restart

$t_{start} := 272$:

Flaske 1

$A_1 := -18.64$:

$C_1 := 0.0001892$:

$B_1 := 20.96$:

$y_1(x) := A_1 \cdot \left(1 - e^{-C_1 \cdot x}\right) + B_1$:

$$y_1 := x \to A_1 \left(1 - e^{-C_1 x}\right) + B_1 \quad \textbf{(1.1)}$$

$maxh_1 := y_1'(t_{start})$

$$maxh_1 := -0.003349787084 \quad \textbf{(1.2)}$$

$tmax_1 := y_1(t_{start})$

$$tmax_1 := 20.02500573 \quad \textbf{(1.3)}$$

Flaske 2

$A_2 := -18.63$:

$C_2 := 0.0002080$:

$B_2 := 21.17$:

$y_2(x) := A_2 \cdot \left(1 - e^{-C_2 \cdot x}\right) + B_2$

$$y_2 := x \to A_2 \left(1 - e^{-C_2 x}\right) + B_2 \quad \textbf{(2.1)}$$

$maxh_2 := y_2'(t_{start})$

$$maxh_2 := -0.003661892116 \quad \textbf{(2.2)}$$

$tmax_2 := y_2(t_{start})$

$$tmax_2 := 20.14525056 \quad \textbf{(2.3)}$$

Flaske 3

$A_3 := -19.09$:

$C_3 := 0.0001790$:

$B_3 := 22.42$:

$y_3(x) := A_3 \cdot \left(1 - e^{-C_3 \cdot x}\right) + B_3$

$$y_3 := x \to A_3 \left(1 - e^{-C_3 x}\right) + B_3 \quad \textbf{(3.1)}$$

$maxh_3 := y_3'(t_{start})$

$$maxh_3 := -0.003254722975 \quad \textbf{(3.2)}$$

$tmax_3 := y_3(t_{start})$

$$tmax_3 := 21.51280992 \quad \textbf{(3.3)}$$