max 15394.4(((x−0.00001)^13.015(0.74999−x)^3.3029)/((0.74999−0.00001)^17.3179)) where 0.00001 <=

Input interpretation:

maximize	function	$\dfrac{15\,394.4\left((x-0.00001)^{13.015}\,(0.74999-x)^{3.3029}\right)}{(0.74999-0.00001)^{17.3179}}$
	domain	$0.00001 \leq x \leq 0.74999$

Global maximum:

$$\max\left\{\frac{15\,394.4\left((x-0.00001)^{13.015}\,(0.74999-x)^{3.3029}\right)}{(0.74999-0.00001)^{17.3179}}\;\middle|\;0.00001 \leq x \leq 0.74999\right\} \approx 5.52751$$

at $x \approx 0.598187$

Plot:

(x from 9×10^{-6} to 0.825)