To any graph and smooth algebraic curve $C$ one may associate a “hypercurve” arrangement and one can study the rational homotopy theory of the complement $X$. In the rational case ($C = \mathbb{C}$), there is considerable literature on the rational homotopy theory of $X$, and the trigonometric case ($C = \mathbb{C}^*$) is similar in flavor. The case of when $C$ is a smooth projective curve of positive genus is more complicated due to the lack of formality of the complement. When the graph is chordal, we use quadratic-linear duality to compute the Malcev Lie algebra and the minimal model of $X$, and we prove that $X$ is rationally $K(\pi, 1)$. (Received September 21, 2015)