TestRun1:

Optimum @: [160.0, 0.4, 3.0, 2.5] --> Response: 1.033882386685797

TestRun2

Optimum @: [40.0, 1.1, 0.44999999999986273, 0.8, 950.0, 0.05] --> Response: 14.747353631193608

Optimum @: [50.0, 1.1, 0.45, 1.004306974841515, 950.0, 0.05] --> Response: 5.782164540986405