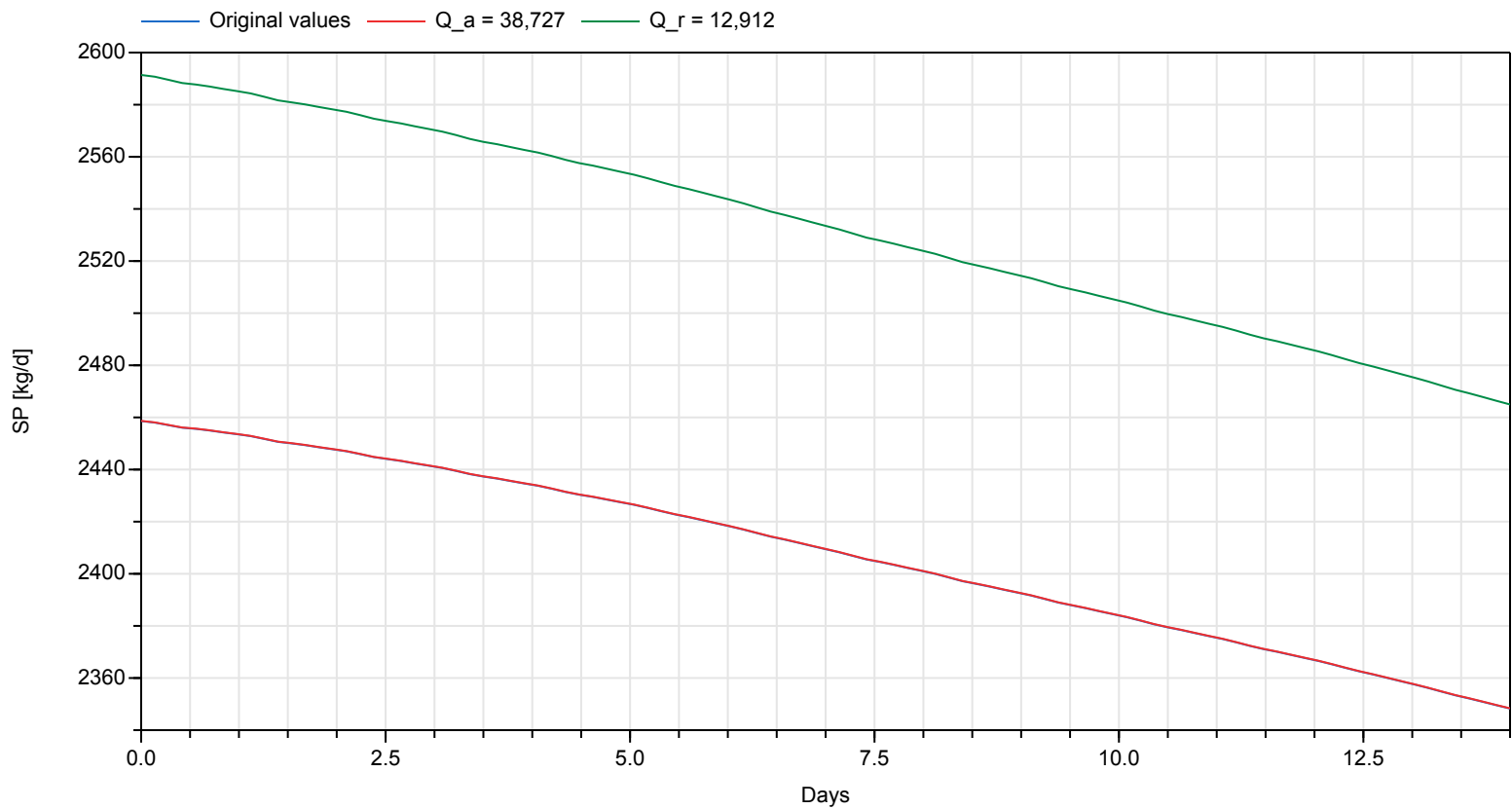


SP for changes in Q_a and Q_r



EQ for changes in Q_a and Q_r

