Since the three irreducible complex representations of $G = S_3$ can be defined over Q, we know that Q is a splitting field for G. The dimension equation $/G/ = \Sigma \chi_i(1)^2$ here is $6 = 1^2 + 1^2 + 2^2$, so we have $QG \sim Q \times Q \times M_2(Q)$.