Figure S2. Peak area charts for RP-HPLC analysis of shell and hypodermis from selected tank reared lobsters. 

A. Individual RP-HPLC peak areas of carotenoids extracted from shells of tank reared Reds and Whites. B. Carotenoid extracts from hypodermal tissue contained 15 separate RP-HPLC peaks as was found with wild caught animals in previous studies (Wade et al., 2005). A number of peaks increased as a result of dietary carotenoid supplementation, in particular unidentified carotenoid peak 8 and esterified astaxanthin derivatives that form peaks 12-15.