**A graph of numbers and lines

Description automatically generated with medium confidenceSUPPORTING INFORMATION**

**A graph of a number

Description automatically generated with medium confidenceFig. S1. Mass spectrum of methyl (*E,R*)-2,4,5-tetradecatrienoate**

**Fig. S2. Mass spectrum of methyl (*E,S)*-2,4,5-tetradecatrienoate**