













C16:0
C16:1(n-7)
C18:1(n-9)
C18:2(n-6)

**Additional Figure S5**: Evolution of cellular lipid composition over time of strains grown on oleic acid (A) and glucose media (B). Quantities are in mg/g CDW. For each species, three different physiological states are represented: 1/5 of the log phase (1/5), 1/2 of the log phase (1/2) and maximum growth (max).