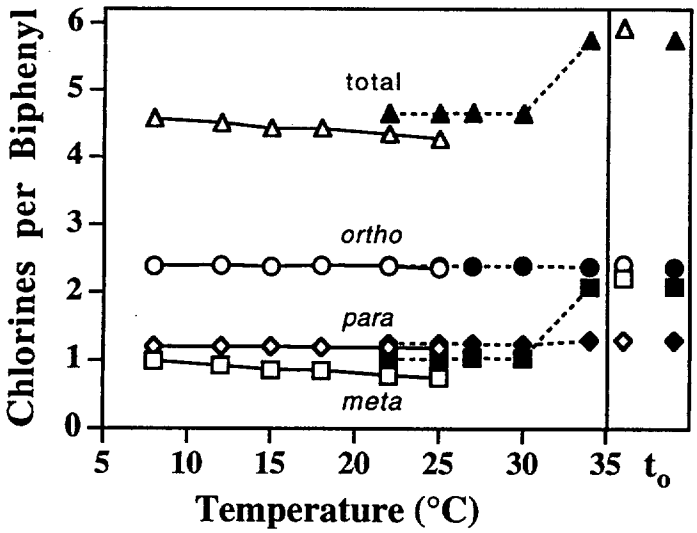
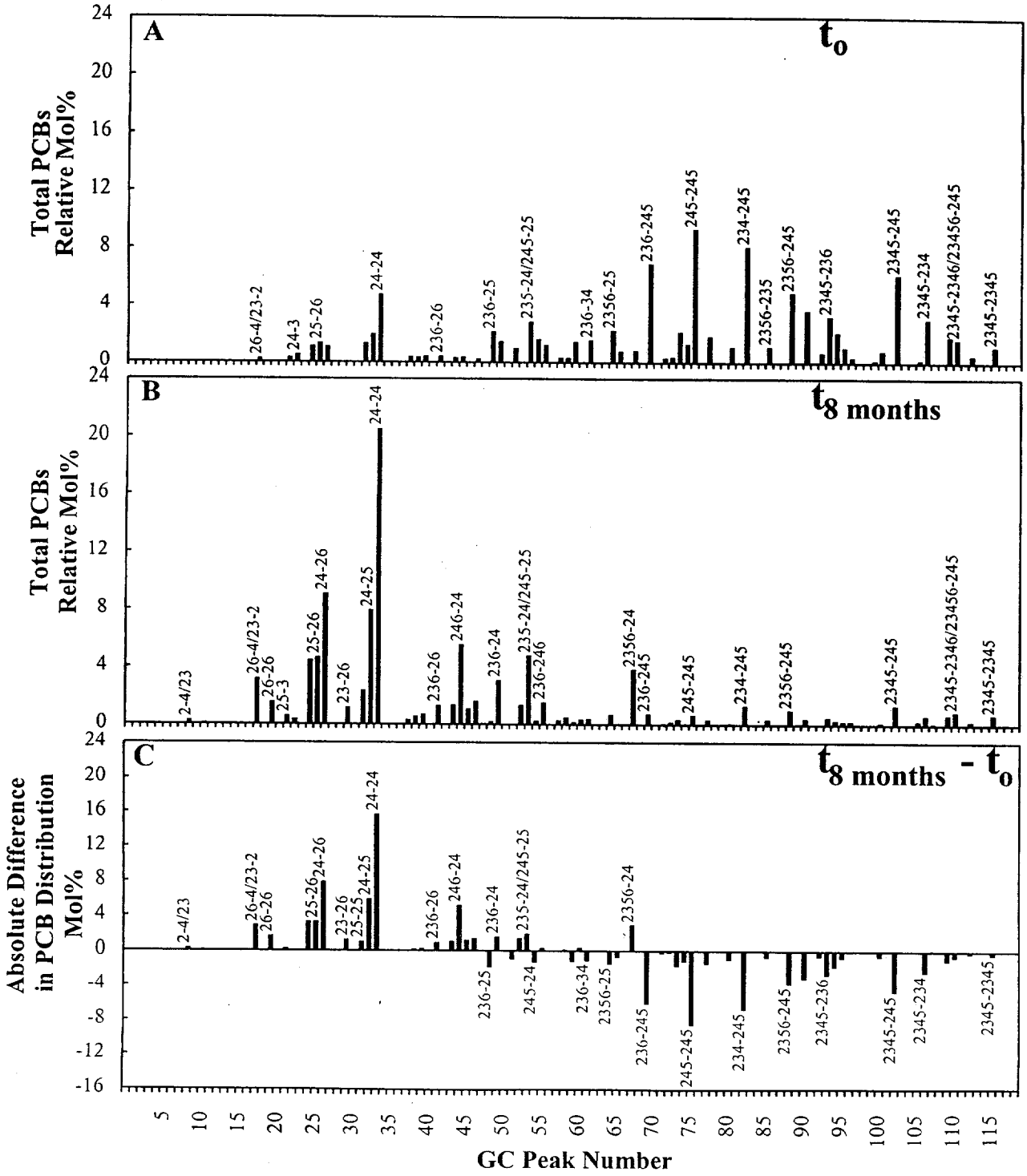


Supplemental figure 1. Effect of temperature on the total and *ortho*, *meta*, and *para* chlorines per biphenyl in the Aroclor 1260 residue in Woods Pond 8 to 10 months after priming with 26-BB. Solid lines and open symbols indicate data from the first experiments; dotted lines and closed symbols indicate data from the second experiment. Symbols at the far right indicate the values at the start of incubation (t_0). The data represent the means of triplicate samples. Bars indicate standard deviations, otherwise the deviations were less than the size of symbols used.



Supplemental figure 2. PCB congener distribution of the Aroclor 1260 residue in Woods Pond sediment at the start of incubation (A), and after priming with 26-BB and incubating for 8 months at 8°C (B). Panel C shows the absolute difference in congener distribution as a result of the primed PCB dechlorination. PCB congener designations denote the positions of the chlorine atoms on each phenyl ring and the hyphen represents separation of the rings. See references 18 and 25 for a complete list of congener assignments.