

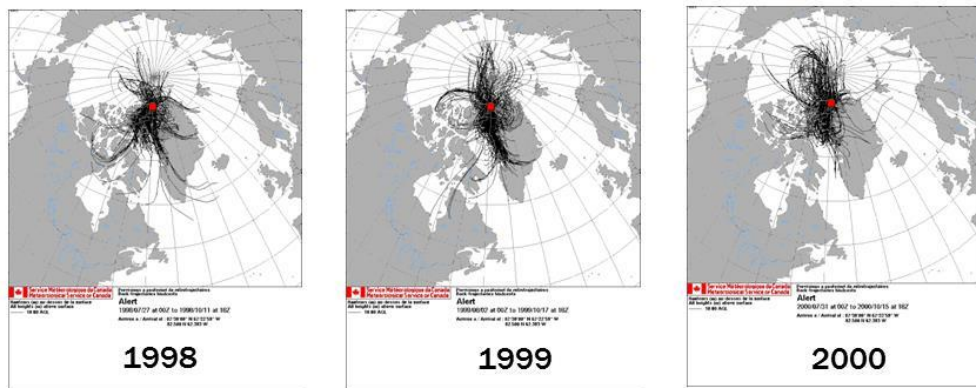
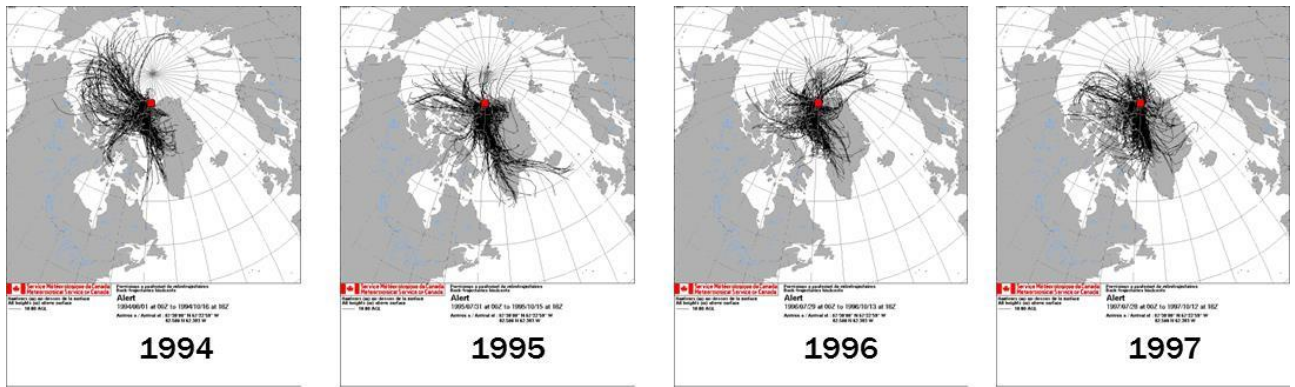


Supplement of

Biannual cycles of organochlorine pesticide enantiomers in arctic air suggest changing sources and pathways

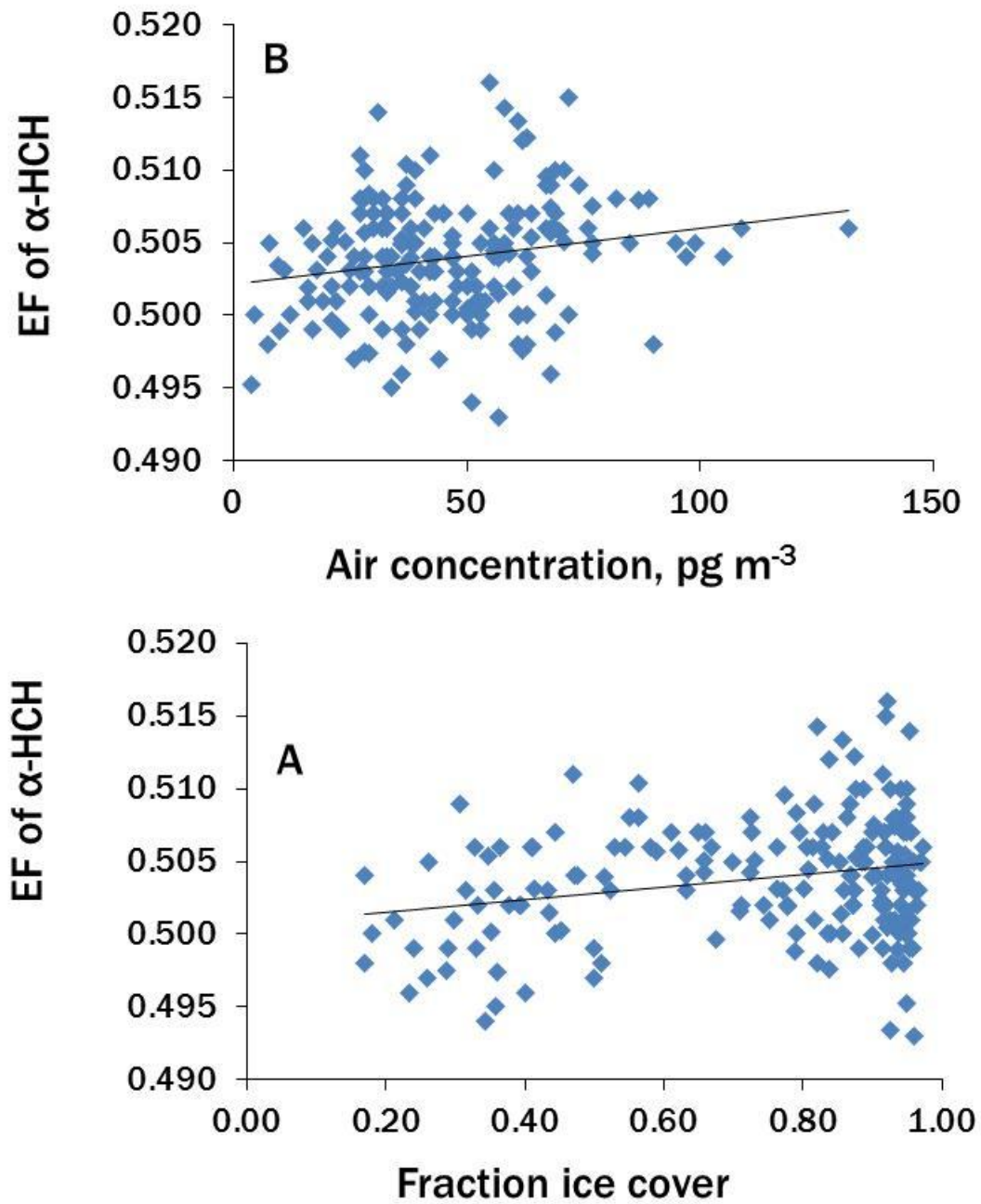
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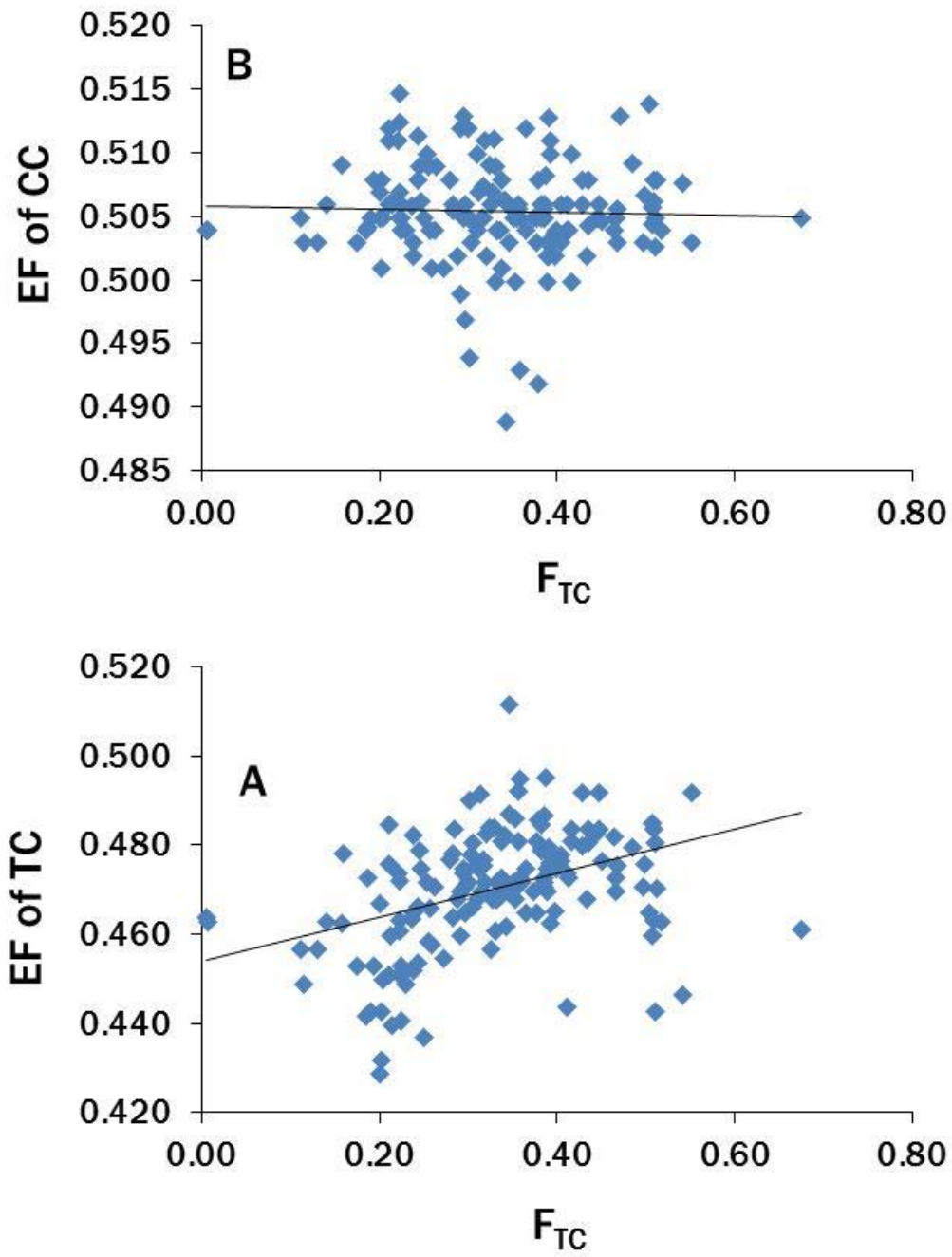
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Figure S1. Air parcel trajectories 72 h backward from Alert (red square) and at 10 m height for July 31-August 1 to October 15 (weeks 31-42) (Canadian Meteorological Service).



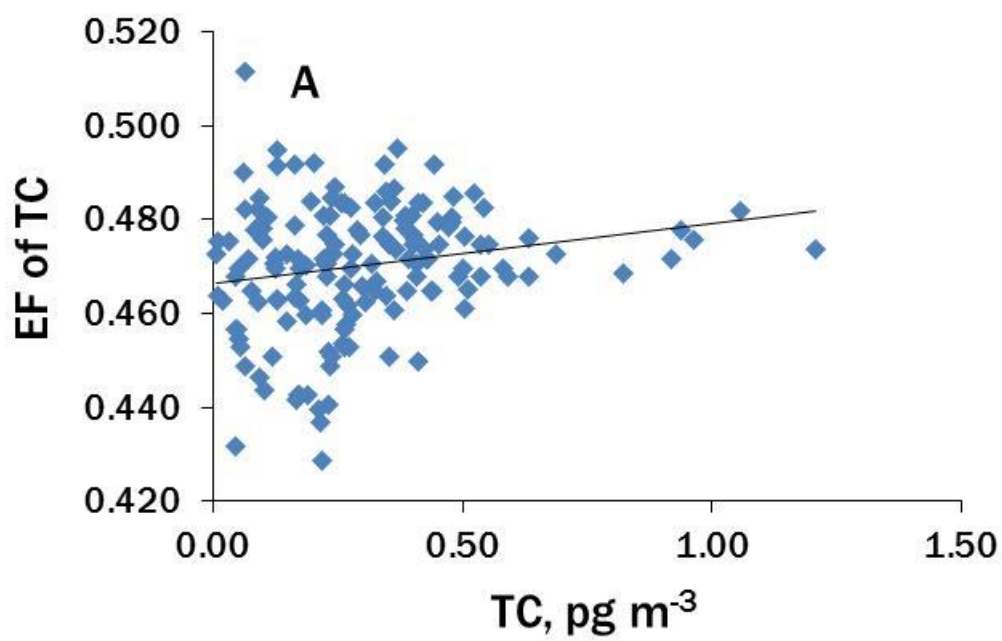
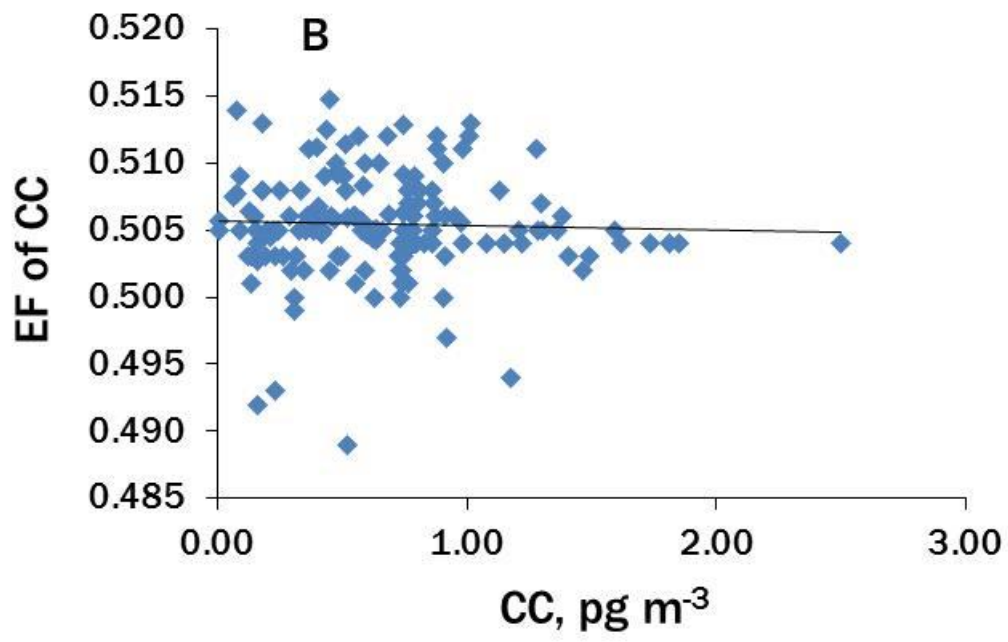
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Figure S2. EFs of α -HCH versus fraction of ice cover in the Canadian Archipelago and southern Beaufort Sea (A, $r^2 = 0.061$) and air concentration (B, $r^2 = 0.042$).



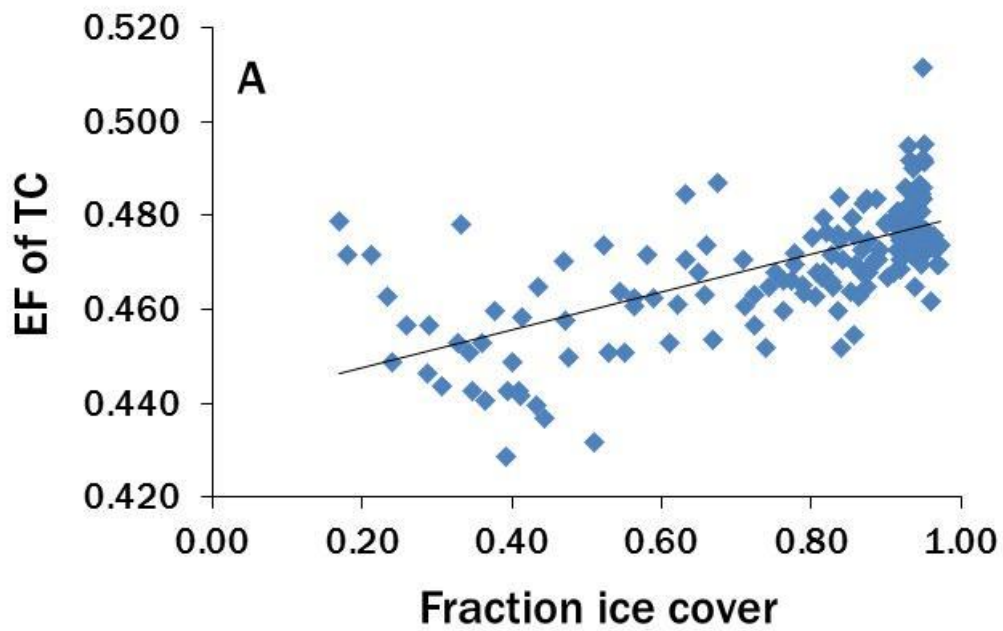
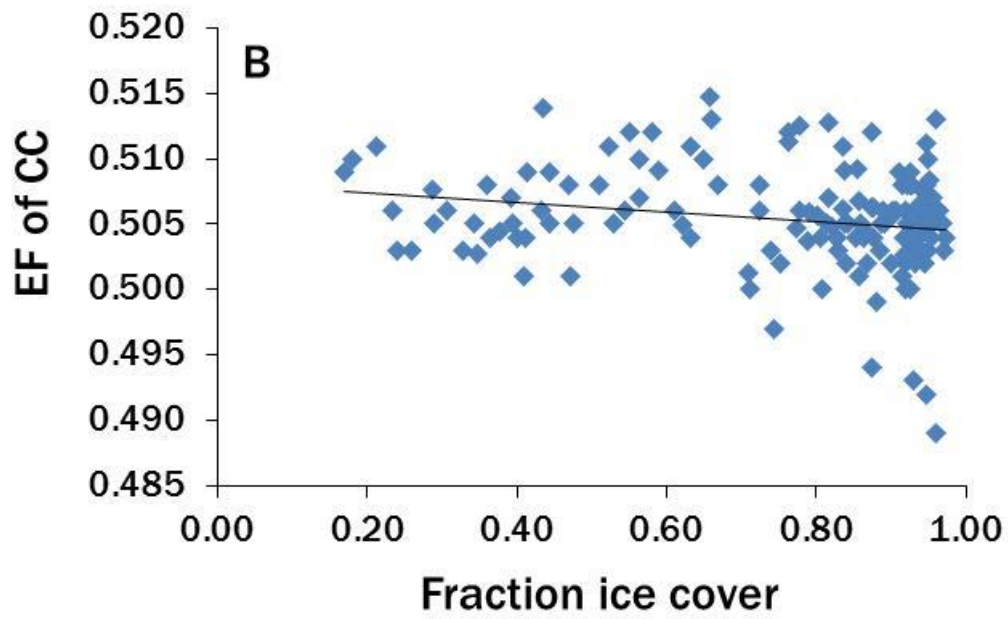
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Figure S3. EFs of TC (A, $r^2 = 0.16$) and CC (B, $r^2 = 0.0012$) versus fraction of TC, $F_{TC} = TC/(TC+CC)$.



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Figure S4. EFs of TC (A, $r^2 = 0.039$) and CC (B, $r^2 = 0.0012$) versus air concentrations.



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Figure S5. EFs of TC (A, $r^2 = 0.44$) and CC (B, $r^2 = 0.044$) versus fraction of ice cover in the Canadian Archipelago and southern Beaufort Sea.