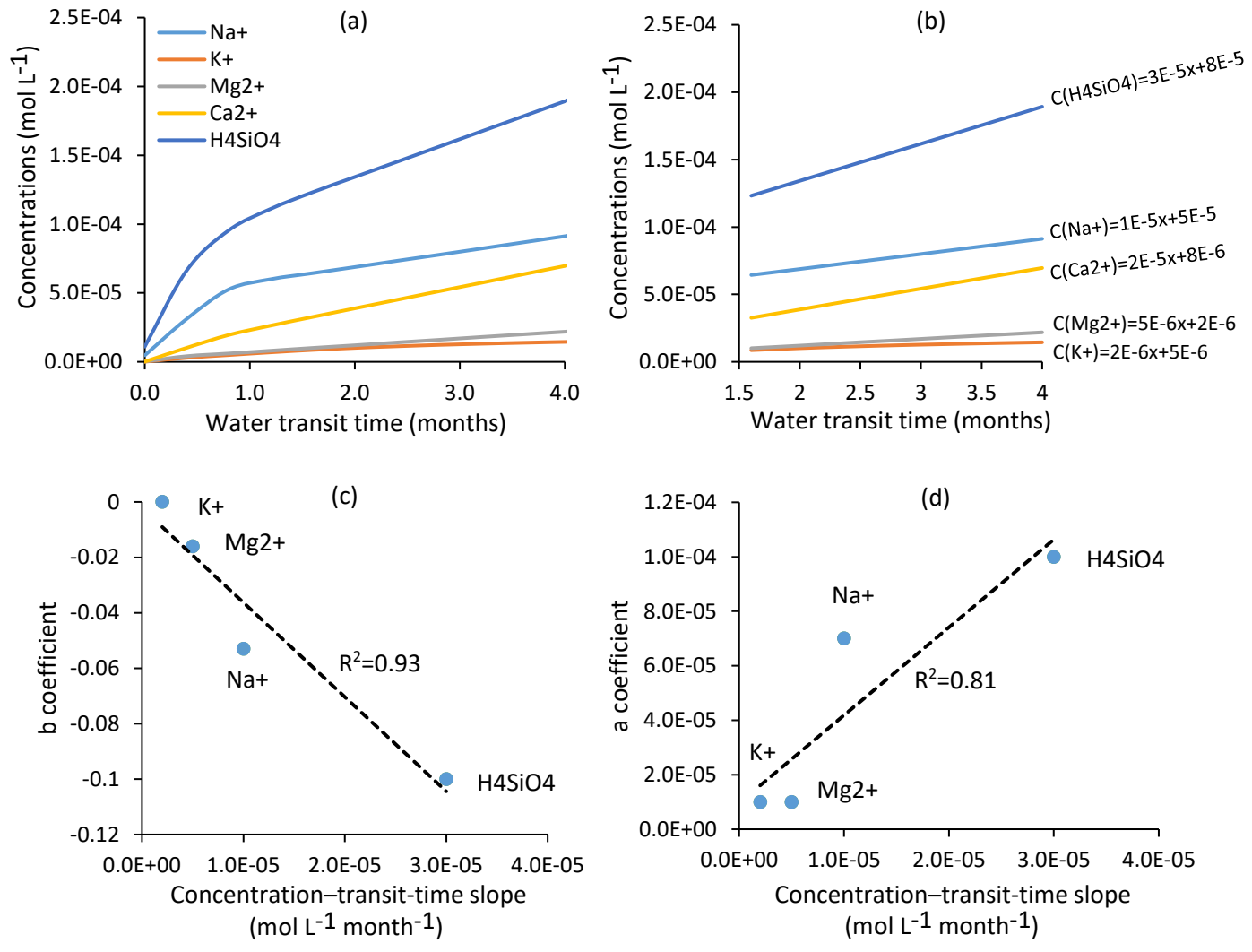
(a)
Na+
K+
Mg2+
Ca2+
H4SiO4
Concentrations (mol L-1)
Water transit time (months)
(b)
C(H4SiO4)=3E-5x+8E-5
C(Na+)=1E-5x+5E-5
C(Ca2+)=2E-5x+8E-6
C(Mg2+)=5E-6x+2E-6
C(K+)=2E-6x+5E-6
Concentrations (mol L-1)
Water transit time (months)
(c)
K+
Mg2+
Na+
H4SiO4
R2=0.93
b coefficient
Concentration–transit-time slope
(mol L-1 month-1)
(d)
H4SiO4
Na+
K+
Mg2+
R2=0.81
a coefficient
Concentration–transit-time slope
(mol L-1 month-1)