

In situ measurements of micronutrient dynamics in open seawater show that complex dissociation rates may limit diatom growth.

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Table S1: c_{DGT} results obtained with classic (0.1125 cm diffusive domain) and fast (0.0325 cm diffusive domain) DGTs and at the head and the tail of the glider. Concentrations in nM.

	Cd	Mn	Co	Ni	Cu	Fe
Head DGT-fast	0.049	0.97	0.058	2.96	0.41	0.47
RSD	6%	17%	8%	9%	9%	33%
Head DGT-classic	0.062	1.69	0.064	3.2	0.94	
RSD	14%	19%	12%	13%	19%	
Tail DGT-classic	0.061	1.25	0.062	3.1	0.73	
RSD	18%	13%	13%	10%	2%	