

Table S3. Concentrations (pg/g fresh weight) of brominated indoles, brominated methylindoles, brominated dioxins and brominated carbazoles in female perch from the reference coastal site Kvädöfjärden. Compounds with higher levels in 2010 (the year with higher EROD) than in 2014 are indicated in **bold**.

Class	Species	Perch 2014	Perch 2010
Brominated indoles	Br-indole 1	103	72
	Br-indole 2	7,8	4,0
	DiBr-indole 1	0,5	3,2
	DiBr-indole 2	578	23
	DiBr-indole 3	51	20
	TrBr-indole 1	3,7	2,2
	TrBr-indole 2	1,0	ND
	TrBr-indole 3	0,5	ND
	TrBr-indole 4	7,2	1,8
Brominated methylindoles	TrBr-MI 1	0,6	0,8
	TrBr-MI 2	13	8,2
	TrBr-MI 3	159	58
	TeBr-MI (2,3,5,6 ?)	0,7	1,0
Brominated dioxins (BDD)	MBDD 1	1,0	0,9
	DBDD 1	0,3	0,7
	DBDD 2 (2,7/2,8)	ND	2,0
	TrBDD (137/138)	0,7	1,0
	TrBDD 2	0,8	0,3
Brominated carbazoles (BrCZ)	DiBrCZ 1	1,7	0,7
	DiBrCZ 2	1,5	0,7
	DiBrCZ 3	ND	46