

Table 5. Flesh concentrations (ng/g wet weight) of seven PBDE congeners at the start of the trial and after feeding northern fish oil, decontaminated northern fish oil or southern fish oil, rapeseed oil and soybean oil diets for 11 weeks

PBDE	Initial	cNFO	deNFO	SFO/RO/SO
PBDE 28	0.009 ± 0.000 ^b	0.042 ± 0.001 ^a	0.003 ± 0.001 ^c	0.003 ± 0.001 ^c
PBDE 47	0.178 ± 0.01 ^b	0.59 ± 0.01 ^a	0.12 ± 0.01 ^c	0.06 ± 0.02 ^d
PBDE 99	0.034 ± 0.006 ^c	0.16 ± 0.01 ^a	0.062 ± 0.000 ^b	0.018 ± 0.007 ^c
PBDE 100	0.027 ± 0.001 ^b	0.092 ± 0.010 ^a	0.038 ± 0.001 ^b	0.010 ± 0.002 ^c
PBDE 153	0.006 ± 0.000 ^c	0.028 ± 0.002 ^a	0.013 ± 0.001 ^b	0.002 ± 0.000 ^d
PBDE 154	0.009 ± 0.002 ^c	0.028 ± 0.001 ^a	0.019 ± 0.001 ^b	0.002 ± 0.000 ^d
PBDE 183	nd	nd	nd	nd
Sum PBDE	0.26 ± 0.01^b	0.94 ± 0.002^a	0.25 ± 0.02^b	0.095 ± 0.033^c

cNFO, northern fish oil; deNFO, decontaminated northern fish oil; SFO/RO/SO, southern fish oil, rapeseed oil and soybean oil. Values are mean ± SD, n = 3. Values in the same row assigned a different superscript letter are significantly different (P < 0.05). nd = not detected.