

Table 5 . 不眠症状の有無によるダイオキシン類血中濃度の比較

	Non-insomnia	Insomnia	p value
N	315	584	
2,3,7,8-TCDD	1.3 (0.5-1.9)	1.4 (0.5-2.0)	0.02
1,2,3,7,8-PeCDD	6.2 (4.0-9.4)	7.3 (4.9-10.6)	0.001
1,2,3,4,7,8-HxCDD	1.0 (1.0-2.9)	2.2 (1.0-3.2)	0.003
1,2,3,6,7,8-HxCDD	19.7 (12.9-33.7)	22.6 (13.9-39.2)	0.02
1,2,3,7,8,9-HxCDD	2.6 (1.0-4.1)	3.0 (1.0-4.7)	0.07
1,2,3,4,6,7,8-HpCDD	28.7 (20.4-43.5)	32.7 (22.8-49.4)	0.001
OCDD	406.9 (262.4-630.4)	460.5 (289.9-699.4)	0.008
Total PCDDs	486.3 (318.0-722.7)	547.3 (352.7-806.0)	0.004
2,3,7,8-TCDF	1.3 (0.5-2.3)	1.4 (0.5-2.8)	0.04
1,2,3,7,8-PeCDF	0.5 (0.5-1.4)	0.5 (0.5-1.6)	0.06
2,3,4,7,8-PeCDF	22.4 (11.5-55.1)	30.0 (14.2-87.4)	0.001
1,2,3,4,7,8-HxCDF	4.6 (2.6-9.6)	5.2 (2.9-13.9)	0.008
1,2,3,6,7,8-HxCDF	4.3 (2.6-7.5)	4.9 (3.0-9.6)	0.006
2,3,4,6,7,8-HxCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.65
1,2,3,7,8,9-HxCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.14
1,2,3,4,6,7,8-HpCDF	1.0 (1.0-2.5)	1.0 (1.0-2.5)	0.38
1,2,3,4,7,8,9-HpCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.55
OCDF	2.0 (2.0-2.0)	2.0 (2.0-2.0)	0.50
Total PCDFs	41.9 (25.4-86.0)	52.2 (28.9-121.4)	0.001
3,4,4',5'-TCB (#81)	5.0 (5.0-5.0)	5.0 (5.0-5.0)	0.29
3,3',4,4'-TCB (#77)	5.0 (5.0-5.0)	5.0 (5.0-10.6)	0.03
3,3',4,4',5'-PeCB (#126)	61.5 (33.7-103.6)	71.7 (41.0-121.5)	0.003
3,3',4,4',5,5'-HxCB (#169)	92.2 (51.1-175.1)	109.3 (63.0-194.2)	0.005
Total Non-ortho PCBs	180.8 (97.4-291.8)	204.6 (122.1-336.2)	0.001
Total	742.0 (488.3-1112.4)	879.4 (547.7-1318.6)	< 0.001
Total PCDDs-TEQ	11 (7-16)	12 (8-18)	0.001
Total PCDFs-TEQ	8 (4-19)	11 (5-29)	0.001
Total Non-ortho PCBs-TEQ	10 (5-15)	11 (6-18)	0.002
Total TEQ	31 (17-52)	38 (22-67)	< 0.001

CB, chlorinated biphenyl; CDD, chlorinated dibenzo-p-dioxins; CDF, chlorinated dibenzofurans; Hx, hexa; Hp, hepta; OCDD, octachlorodibenzo-p-dioxin; OCDF, octachlorodibenzofurans; PCB, polychlorinated biphenyl; PCDD, polychlorinated dibenzo-p-dioxin; PCDF, polychlorinated dibenzofuran; Pe, penta; TCB, tetrachlorobiphenyl; TCDD, tetrachlorodibenzo-p-dioxin; TCDF, tetrachlorodibenzofuran; TEQ, toxic equivalent quantity.