

Table 7 . 入眠困難もしくは睡眠維持困難のいずれかの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-DIMS	DIMS	p value
N	391	508	
2,3,7,8-TCDD	1.3 (0.5-1.9)	1.4 (0.5-2.0)	0.003
1,2,3,7,8-PeCDD	6.0 (3.8-9.3)	7.5 (5.0-10.8)	< 0.001
1,2,3,4,7,8-HxCDD	1.0 (1.0-2.9)	2.2 (1.0-3.2)	0.002
1,2,3,6,7,8-HxCDD	19.4 (12.7-32.2)	23.4 (14.7-41.7)	< 0.001
1,2,3,7,8,9-HxCDD	2.6 (1.0-4.1)	3.0 (1.0-4.8)	0.04
1,2,3,4,6,7,8-HpCDD	29.4 (20.5-44.7)	32.6 (22.8-49.1)	0.01
OCDD	412.3 (266.9-647.9)	468.0 (289.9-700.4)	0.02
Total PCDDs	476.7 (320.6-740.6)	557.9 (355.8-805.6)	0.006
2,3,7,8-TCDF	1.3 (0.5-2.3)	1.5 (0.5-2.9)	0.02
1,2,3,7,8-PeCDF	0.5 (0.5-1.4)	0.5 (0.5-1.6)	0.15
2,3,4,7,8-PeCDF	21.9 (11.2-51.2)	33.2 (14.9-92.5)	< 0.001
1,2,3,4,7,8-HxCDF	4.4 (2.6-9.3)	5.8 (2.9-15.0)	< 0.001
1,2,3,6,7,8-HxCDF	4.2 (2.6-6.6)	5.5 (3.0-10.2)	< 0.001
2,3,4,6,7,8-HxCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.36
1,2,3,7,8,9-HxCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.08
1,2,3,4,6,7,8-HpCDF	1.0 (1.0-2.5)	1.0 (1.0-2.6)	0.67
1,2,3,4,7,8,9-HpCDF	1.0 (1.0-1.0)	1.0 (1.0-1.0)	0.75
OCDF	2.0 (2.0-2.0)	2.0 (2.0-2.0)	0.68
Total PCDFs	40.9 (25.4-80.1)	58.1 (30.2-130.3)	< 0.001
3,4,4',5'-TCB (#81)	5.0 (5.0-5.0)	5.0 (5.0-5.0)	0.50
3,3',4,4'-TCB (#77)	5.0 (5.0-5.0)	5.0 (5.0-10.4)	0.09
3,3',4,4',5'-PeCB (#126)	59.9 (34.3-104.5)	73.8 (41.6-121.7)	0.001
3,3',4,4',5,5'-HxCB (#169)	90.3 (51.8-172.7)	112.4 (64.4-200.2)	< 0.001
Total Non-ortho PCBs	174.0 (100.2-293.1)	212.9 (125.9-339.8)	< 0.001
Total	741.2 (488.3-1153.6)	907.6 (551.2-1328.2)	< 0.001
Total PCDDs-TEQ	10 (7-16)	13 (8-19)	< 0.001
Total PCDFs-TEQ	8 (4-18)	12 (6-31)	< 0.001
Total Non-ortho PCBs-TEQ	10 (5-15)	11 (7-18)	< 0.001
Total TEQ	30 (17-51)	39 (23-71)	< 0.001

CB, chlorinated biphenyl; CDD, chlorinated dibenzo-p-dioxins; CDF, chlorinated dibenzofurans; DIMS, difficulty initiating and/or maintaining sleep; 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.