

Table 1. Metabolites that were significantly higher or lower than controls in 60 μ L serum aliquots from at least one group of HBCD-exposed mice.

Metabolite	α -HBCD			γ -HBCD		Commercial HBCD
	3 mg/kg <i>n</i> = 3	10 mg/kg <i>n</i> = 3	30 mg/kg <i>n</i> = 6	3 mg/kg <i>n</i> = 3	30 mg/kg <i>n</i> = 6	30 mg/kg <i>n</i> = 6
Increased						
Acetoacetate	1.05 \pm 0.07	1.40 \pm 0.14*	1.19 \pm 0.35	1.05 \pm 0.43	1.06 \pm 0.05	-1.08 \pm 0.02
Glycerol	-1.11 \pm 0.24	1.07 \pm 0.41	-1.03 \pm 0.09	1.2 \pm 0.23	1.10 \pm 0.23	1.18 \pm 0.09*
O_phosphocholine	-1.02 \pm 0.10	1.29 \pm 0.18*	-1.01 \pm 0.28	-1.01 \pm 0.28	-1.09 \pm 0.07	1.22 \pm 0.14
Taurine	1.04 \pm 0.40	1.08 \pm 0.12	-1.00 \pm 0.001	1.3 \pm 0.83	1.07 \pm 0.25	1.11 \pm 0.64*
Pyruvate	1.10 \pm 0.22	1.13 \pm 0.36	1.39 \pm 0.12*	1.08 \pm 0.50	1.12 \pm 0.27	1.00 \pm 0.35
Decreased						
Acetone	-1.02 \pm 0.33	1.16 \pm 0.5	-1.28 \pm 0.5*	1.04 \pm 0.01	1.00 \pm 0.01	1.02 \pm 0.33
Arginine	-1.30 \pm 0.018*	-1.05 \pm 0.20	-1.02 \pm 0.36	-1.48 \pm 0.95*	-1.02 \pm 0.29	-1.09 \pm 0.44
Choline	-1.06 \pm 0.14	1.04 \pm 0.13	-1.43 \pm 0.01*	1.04 \pm 0.17	-1.12 \pm 0.29	1.14 \pm 0.47
Glutamate	-1.14 \pm 0.21	-1.17 \pm 0.06*	-1.28 \pm 0.06*	1.07 \pm 0.18	-1.18 \pm 0.14	1.05 \pm 0.19
Phenylalanine	1.00 \pm 0.30	-1.03 \pm 0.04	-1.15 \pm 0.13	-1.36 \pm 0.55*	-1.42 \pm 0.16*	-1.21 \pm 0.04

Note: Values represent difference \pm standard deviation. Mean values for all metabolites are presented in Table S1.
*Significantly different from control, *p* < 0.05.