

Supplemental Table 1. Fatty acid content of the diets and Intralipid®.

Fatty acid	Control diet	HFD	LF-HSD	Intralipid®
	$\mu\text{mol/g food}$			$\mu\text{mol/ml}$
16:0	14.7 \pm 0.3	106.5 \pm 6.1	12.5 \pm 1.0	57.3 \pm 4.7
16:1	0.21 \pm 0.01	8.6 \pm 0.4	0.62 \pm 0.01	0.59 \pm 0.06
18:0	7.5 \pm 0.1	103 \pm 6	11.8 \pm 1.4	37.8 \pm 2.8
18:1	37.3 \pm 0.7	259 \pm 16	30.9 \pm 1.0	148 \pm 14
18:2	63.4 \pm 1.6	159 \pm 8	34.1 \pm 1.6	297 \pm 25
18:3	5.2 \pm 0.2	8.9 \pm 1.6	3.2 \pm 0.1	35.2 \pm 3.0
20:0	2.0 \pm 0.0	6.4 \pm 0.5	1.2 \pm 0.1	8.2 \pm 0.5
20:1	1.4 \pm 0.0	13.4 \pm 0.8	1.2 \pm 0.0	2.2 \pm 0.2
20:2	0.13 \pm 0.00	9.6 \pm 0.6	0.67 \pm 0.02	0.41 \pm 0.03
20:3	0.017 \pm 0.004	3.0 \pm 0.2	0.21 \pm 0.01	0.22 \pm 0.03
20:4	0.045 \pm 0.030	2.7 \pm 0.1	0.20 \pm 0.01	1.7 \pm 0.2
20:5	nd	0.070 \pm 0.007	0.010 \pm 0.001	nd
22:0	2.1 \pm 0.0	1.9 \pm 0.1	1.3 \pm 0.1	6.8 \pm 0.5
22:1	0.28 \pm 0.00	0.47 \pm 0.02	0.066 \pm 0.008	0.17 \pm 0.01
22:4	0.019 \pm 0.004	1.5 \pm 0.1	0.11 \pm 0.00	0.14 \pm 0.01
22:5	nd	0.93 \pm 0.06	0.079 \pm 0.003	0.26 \pm 0.01
22:6	nd	0.23 \pm 0.01	0.021 \pm 0.000	1.3 \pm 0.1
Total	134 \pm 3	685 \pm 40	98.2 \pm 5.1	598 \pm 51
Saturated	26.3 \pm 0.4	218 \pm 13	26.7 \pm 2.5	110 \pm 9
Monounsaturated	39.0 \pm 0.8	280 \pm 17	32.8 \pm 1.0	151 \pm 14
Polyunsaturated	68.8 \pm 1.6	186 \pm 10	38.7 \pm 1.7	337 \pm 28
Unsaturated	108 \pm 2	467 \pm 27	73.3 \pm 3.7	488 \pm 43

Values are mean \pm SEM (n=3)

nd: not detected