

Table S2

Legend	
Abbreviation	Name
ET	Ethanol (99%) at 4 °C
ET20	Ethanol (99%) at 20 °C
WSBU	Water-saturated 1-butanol at 4 °C
CH-ME	Chloroform/methanol (2:1, v/v) at 4 °C
MTBE-ME	Methyl tert-butyl ether/methanol (3:1, v/v) at 4 °C
Cer	Ceramide
HexCer	Hexosylceramide

The Relative Abundances of Cers and HexCers in different methods

Name	ET SAMPLE 1	ET SAMPLE 2	ET20 SAMPLE 1	ET20 SAMPLE 2	WSBU SAMPLE 1	WSBU SAMPLE 2	CH-ME SAMPLE 1	CH-ME SAMPLE 2	MTBE-ME SAMPLE 1	MTBE-ME SAMPLE 2
Cer 40:0;40 Cer 18:0;30/22:0;(2OH)	0.00	0.00	0.00	0.00	135587.57	176370.66	0.00	0.00	380502.22	392615.00
Cer 40:1;40 Cer 18:1;30/22:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208519.78	226813.50
Cer 41:0;40 Cer 18:0;30/23:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375094.89	331253.98
Cer 41:1;40 Cer 18:1;30/23:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178585.06	203617.48
Cer 42:0;40 Cer 18:0;30/24:0;(2OH)	575356.32	554892.63	599982.82	660923.43	809050.75	1220857.46	645441.42	550680.00	2648474.22	2666060.97
Cer 42:1;40 Cer 18:1;30/24:0;(2OH)	0.00	0.00	0.00	0.00	279010.17	394061.33	0.00	0.00	899282.94	829390.49
Cer 43:0;40 Cer 18:0;30/25:0;(2OH)	229182.70	196583.40	249273.48	229201.55	286765.90	427198.45	0.00	0.00	929968.83	853800.97
Cer 44:0;20 Cer 20:0;20/24:0	354303.30	190182.06	0.00	0.00	384517.98	353538.12	0.00	0.00	0.00	0.00
Cer 44:0;40 Cer 18:0;30/26:0;(2OH)	426883.62	407077.53	390037.68	401188.84	529438.38	626748.40	375674.06	334805.94	1194302.89	1106950.10
Cer 44:1;40 Cer 18:1;30/26:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225303.33	213770.44
Cer 46:0;20 Cer 20:0;20/26:0	0.00	0.00	0.00	0.00	345884.05	361464.59	0.00	0.00	0.00	0.00
Cer 46:0;20 Cer 22:0;20/24:0	436454.27	353059.59	343270.55	322152.38	0.00	0.00	870186.23	563987.73	365964.06	289323.20
Cer 47:1;40 Cer 22:0;30/25:1;(2OH)	157170.92	170879.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cer 48:0;20 Cer 24:0;20/24:0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cer 48:0;20 Cer 22:0;20/26:0	0.00	0.00	0.00	0.00	0.00	0.00	772712.08	356242.50	0.00	0.00
HexCer 38:2;30 HexCer 18:2;20/20:0;O	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	420342.33	466767.18
HexCer 40:1;40 HexCer 18:1;30/22:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	467706.83	405640.97
HexCer 42:1;40 HexCer 18:1;30/24:0;(2OH)	0.00	0.00	0.00	0.00	170182.89	160150.39	0.00	0.00	786978.17	735813.16
HexCer 42:2;30 HexCer 18:2;20/24:0;O	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162154.00	150371.50
HexCer 44:1;40 HexCer 18:1;30/26:0;(2OH)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146585.56	140688.35