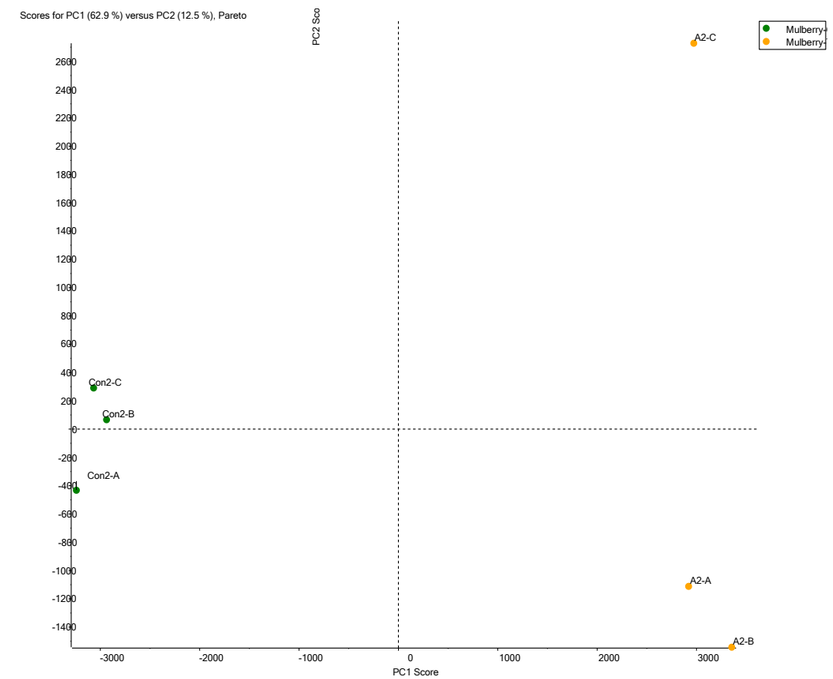
Row	Index	Peak Name	m/z	Ret. Time	Group	Use	t-value	p-value	Mean 1	Mean 2	Median 1	Median 2	Sigma 1	Sigma 2	Delta	Fold Chan	Log (Fold Change)
3	170	PC 32:0 (SM/PC)	N/A	N/A	PC	1	23.40524	6.87E-05	1109891	556225.1	1116892	567509.8	34460.41	22164.1	553665.8	1.995399	0.30003
4	301	SM 40:3;3 (SM/PC)	N/A	N/A	SM	1	19.8731	9.11E-05	206640.9	51664.54	205652.2	56104.37	7661.568	11123.88	154976.3	3.999665	0.602024
5	176	PC 34:1 (SM/PC)	N/A	N/A	PC	1	20.13798	0.00014	2232426	1096840	2268074	1114862	83238.22	51097.86	1135586	2.035325	0.308634
7	312	SM 42:2;2 (SM/PC)	N/A	N/A	SM	1	13.51852	0.00027	231290.6	109363.9	224358	110276.9	12508.05	9358.874	121926.7	2.114872	0.325284
19	160	PC 28:0 (SM/PC)	N/A	N/A	PC	1	9.222127	0.00112	122039.6	72040.98	120158.9	74643.48	5594.8	7541.841	49998.66	1.694031	0.228921
24	164	PC 30:0 (SM/PC)	N/A	N/A	PC	1	13.59588	0.00145	685207.1	368997.6	683102.2	359129.1	15779.47	37064.48	316209.5	1.856942	0.268798
31	191	PC 36:2 (SM/PC)	N/A	N/A	PC	1	11.61428	0.00171	1057474	601034.8	1072623	617499.5	61472.18	29233.52	456439	1.759422	0.24537
32	194	PC 36:3 (SM/PC)	N/A	N/A	PC	1	9.57127	0.00194	345874	221067.7	348455.6	226907.2	19658.07	11120.25	124806.3	1.564561	0.194393
36	189	PC 36:1 (SM/PC)	N/A	N/A	PC	1	6.742278	0.00252	704652.8	496975.3	700842.2	503587.2	37473.35	37974.83	207677.5	1.417883	0.15164
37	219	PC 40:6 (SM/PC)	N/A	N/A	PC	1	7.315584	0.00257	69447.77	46721.76	69555.17	47513.88	4336.543	3185.244	22726	1.486411	0.172139
39	353	TAG 46:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-6.720986	0.00283	197347.8	350503.6	183157.4	343820.8	25403.84	30207.33	-153156	0.563041	-0.24946
43	346	TAG 44:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-6.632448	0.00324	826511.8	1067190	844233.3	1058792	49422.56	38831.13	-240678	0.774475	-0.110993
55	207	PC 38:5 (SM/PC)	N/A	N/A	PC	1	9.097846	0.0051	177148.3	85018.47	178762.9	90102.26	6230.666	16395.74	92129.88	2.083645	0.318824
58	198	PC 36:4 (SM/PC)	N/A	N/A	PC	1	6.922161	0.00581	148107.4	94538.36	146425.4	99723.43	6322.329	11819.22	53569.02	1.566638	0.194969
61	179	PC 34:2 (SM/PC)	N/A	N/A	PC	1	9.942274	0.00698	476663.7	251213.8	474330.2	233238.3	8959.82	38240.16	225449.9	1.897442	0.278169
63	297	SM 40:1;2 (SM/PC)	N/A	N/A	SM	1	10.40653	0.00711	937046.2	706123.8	934134.9	727664.2	7254.498	37743.61	230922.4	1.327028	0.12288
64	200	PC 36:5 (SM/PC)	N/A	N/A	PC	1	9.518449	0.00717	63102.41	32742.75	63081.92	35433.79	1375.618	5350.471	30359.66	1.927218	0.284931
66	181	PC 34:3 (SM/PC)	N/A	N/A	PC	1	5.240172	0.00749	110326.9	69930.21	108486.4	71978.3	8175.052	10557.31	40396.73	1.577672	0.198017
69	361	TAG 46:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	-5.247695	0.00838	49743.25	68311.1	50382.24	70158.76	3542.429	5000.962	-18567.85	0.728187	-0.137757
71	208	PC 38:6 (SM/PC)	N/A	N/A	PC	1	6.812318	0.00951	70655.05	31488.19	73856.7	33470.15	9219.287	3764.59	39166.86	2.243859	0.350995
79	260	SM 32:2;3 (SM/PC)	N/A	N/A	SM	1	7.615994	0.01184	83351.55	41973.45	84231.78	43541.64	2314.243	9121.319	41378.1	1.985816	0.297939
83	335	TAG 38:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-4.336488	0.01308	525187.6	645671.6	540625.3	637245.9	30988.81	36817.26	-120484	0.813397	-0.089697
84	172	PC 32:1 (SM/PC)	N/A	N/A	PC	1	6.916053	0.01316	361794.8	213992.1	358543	202023.2	10420.69	35518.49	147802.7	1.690692	0.228065
98	313	SM 42:2;3 (SM/PC)	N/A	N/A	SM	1	4.719661	0.02711	90528.23	72120.53	93572.14	73175.98	6373.57	2238.905	18407.71	1.255235	0.098725
100	74	DGTS 24:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	-3.436707	0.02744	71226.66	102723.6	71601.68	106923.1	12087.11	10290.06	-31496.91	0.693382	-0.159028
101	225	PC 44:1 (FA 18:1+C3H6O)	N/A	N/A	PC	1	3.536255	0.02756	40019.14	31687.05	40260.01	33089.68	2428.971	3279.48	8332.088	1.262949	0.101386
102	268	SM 34:2;3 (SM/PC)	N/A	N/A	SM	1	3.530746	0.03078	90324.27	60001.45	90299.63	65769.12	8164.827	12434.15	30322.82	1.505368	0.177643
105	319	SM 44:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-3.476775	0.03288	73276.7	90113.38	75862.77	86841.5	4526.049	7061.702	-16836.68	0.813161	-0.089823
107	293	SM 38:4;3 (SM/PC)	N/A	N/A	SM	1	3.170082	0.03386	86151.74	66344.6	81817.88	69331.67	7634.427	7670.305	19807.14	1.298549	0.113458
108	257	SM 32:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-3.161173	0.03864	39693.35	51261.28	38133.94	51769.65	3736.25	5119.927	-11567.94	0.774334	-0.111072
109	205	PC 38:4 (SM/PC)	N/A	N/A	PC	1	3.874568	0.04764	63737.69	20700.55	61771.53	26421.92	5227.299	18515.17	43037.14	3.079033	0.488414
110	49	DGDG 24:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	DGDG	1	-3.879755	0.04811	431217	611780.1	430053.4	589101.1	21333.68	77735.04	-180563	0.704856	-0.151899
111	267	SM 34:1;2 (SM/PC)	N/A	N/A	SM	1	3.288251	0.04924	836985.1	528862.2	797012	609151.3	69958.77	146448.6	308122.9	1.582615	0.199375
112	356	TAG 46:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	4.200594	0.0506	49500.06	35579.42	52623.49	35788.02	5713.11	554.5879	13920.64	1.391255	0.143407
115	299	SM 40:2;3 (SM/PC)	N/A	N/A	SM	1	3.435634	0.06841	739130.1	647256	736888.4	645036	8503.557	45530.4	91874.11	1.141944	0.057645
116	158	PC 26:0 (SM/PC)	N/A	N/A	PC	1	-3.366567	0.07073	47659.13	62809.53	48273.3	58875.45	1467.176	7655.34	-15150.4	0.758788	-0.119879
117	122	MADAG 42:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	MADAG	1	-2.551274	0.07569	8438.573	33724.79	0	36563.67	14616.04	9003.772	-25286.22	0.250219	-0.60168
118	239	PE 36:3 (-PE)	N/A	N/A	PE	1	-2.400316	0.09236	9589.71	35918.56	0	32695.41	16609.87	9222.966	-26328.85	0.266985	-0.573513
120	236	PE 36:1 (-PE)	N/A	N/A	PE	1	-2.300947	0.1158	30858.06	38767.56	30097.86	39280.89	2280.591	5499.823	-7909.497	0.795976	-0.0991
121	309	SM 42:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-2.247283	0.11662	52632.19	59583.78	55262.33	59092.32	4874.652	2223.481	-6951.592	0.883331	-0.053877
122	222	PC 42:5 (FA 16:0+C3H6O)	N/A	N/A	PC	1	2.151076	0.12688	26857.81	7979.435	30350.27	0	6328.772	13820.79	18878.37	3.365878	0.527098
123	230	PE 34:1 (-PE)	N/A	N/A	PE	1	2.054702	0.12689	30619.36	9092.394	26064.5	0	9015.723	15748.49	21526.96	3.367579	0.527318
124	324	TAG 30:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-2.175382	0.13817	127240.9	186121	120590.4	197547	14868.69	44460.26	-58880.07	0.683646	-0.165169
125	87	DGTS 32:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	2.354884	0.14029	598309.9	566473.4	598189	566710.3	2310.31	23301.94	31836.47	1.056201	0.023747
126	259	SM 32:1;2 (SM/PC)	N/A	N/A	SM	1	2.261734	0.14713	154930.1	135561.4	152084.6	136560.4	14683.69	2096.745	19368.64	1.142877	0.058
127	126	MADAG 48:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	MADAG	1	1.955118	0.16263	24887.96	8076.958	25230.08	0	5107.694	13989.7	16811	3.081352	0.488741
128	382	TAG 52:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	-1.669502	0.17048	91812.25	100061.9	94789.78	103250.9	5918.268	6182.702	-8249.641	0.917555	-0.037368
150	373	TAG 50:1+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	1.959561	0.18454	128144.9	63961.1	126604.9	86373.96	7661.709	56212.16	64183.83	2.003482	0.301785
170	10	CE 18:2+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	1.631232	0.19007	40808.14	20650.92	44512.39	29122.5	11610.67	17980.05	20157.22	1.976093	0.295807
173	237	PE 36:2 (FA 18:1/18:1 FA)	N/A	N/A	PE	1	-1.819656	0.19228	9419.055	19203.59	10442.89	18538.44	8951.16	2572.456	-9784.537	0.490484	-0.309375
177	72	DGTS 24:0 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	-1.56635	0.19447	292189.6	345750.1	276422.3	329893.7	38047.89	45388.77	-53560.48	0.845089	-0.073098
179	210	PC 40:0 (FA 16:0+C3H6O)	N/A	N/A	PC	1	-1.640947	0.19587	25290.86	34485.96	22686.06	37116.83	4697.928	8492.834	-9195.1	0.733367	-0.134679
188	281	SM 36:4;3 (SM/PC)	N/A	N/A	SM	1	1.516596	0.20396	83884.97	69970.46	90038.63	72172.3	11245.38	11228.26	13914.51	1.198863	0.078769
189	54	DGDG 28:2+NH4 (FA 14:0+C3H6O)	N/A	N/A	DGDG	1	-1.842178	0.20405	13323.69	25801.28	18256.13	25503.78	11667.53	1225.117	-12477.59	0.516396	-0.287017
191	347	TAG 44:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	1.735855	0.20549	48673.77	25510.08	46529.73	36735.61	6617.755	22145.26	23163.69	1.908021	0.280583
194	359	TAG 46:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	-1.487683	0.2134	44046.36	51774.14	46642.13	52925.43	5745.76	6923.513	-7727.782	0.850741	-0.070203
195	264	SM 32:4;3 (SM/PC)	N/A	N/A	SM	1	1.463755	0.22038	103639.9	95330.47	107082.3	92175.53	6145.53	7675.32	8309.441	1.087165	0.036295
196	350	TAG 44:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	1.74312	0.22324	450138.5	233203.4	447032.8	274701.3	6049.244	215472.6	216935.1	1.93024	0.285611
197	75	DGTS 26:0 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	-1.654941	0.22799	544210.8	630975.4	541170	616830	20200.44	88531.97	-86764.64	0.862491	-0.064245
198	38	Des 14:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	Des	1	1.558033	0.23707	26947.01	10196.52	24469.16	0	5903.242	17660.89	16750.49	2.642765	0.422059
199	121	MADAG 42:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	MADAG	1	1.591519	0.23825	502819.5	275685.3	479598.4	394381.4	61112.28	239516.9	227134.3	1.82389	0.260999
201	84	DGTS 32:0 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	1.611362	0.2481	75445.38	60668.96	80062.19	60906.49	15873.18	562.7511	14776.42	1.243558	0.094666
202	182	PC 34:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	1.565018	0.2507	397903.3	313190.1	394581.2	345839.3	16521.43	92287.37	84713.2	1.270485	0.10397
203	6	CE 16:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	1.467034	0.26091	320197.2	266754	325560.9	268855.5	18590.65	60296.76	53443.21	1.200346	0.079307
204	88	DGTS 32:1 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	1.383953	0.27074	33077.72	26380.24	32746.44	27517.52	7741.734	3213.193	6697.486	1.253883	0.098257
205	66	DGPP 32:1 (-FA 10:0 (NH4))	N/A	N/A	DGPP	1	1.437074	0.28197	164010.9	91008.51	166082	99746.04	13341.87	86969.55	73002.37	1.802149	0.255791
206	123	MADAG 44:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	MADAG	1	1.236878	0.28392	408264	348685.8	410960.1	364641.3	60348.57	57607.08	59578.19	1.170865	0.068507
207	342	TAG 42:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	1.363365	0.28591	49063.49	44029.96	48397.81	43444.13	1971.474	6083.234	5033.533	1.114321	0.04701
208	348	TAG 44:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	1.279394	0.28593	79771.4	67362.52	82208.52	75767.22	8359.478	14571.64	12408.88	1.184211	0.073429
209	78	DGTS 28:0 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	-1.390983	0.28896	23716.08	43179.37	23759.65	44398.35	23694.32	5093.793	-19463.29	0.549246	-0.260233
211	16	Cer 42:0;4 (FA 22:6+C3H6O)	N/A	N/A	Cer	1	-1.35957	0.30674	76898.52	129302.5	111133.3	128395	66729.3	2061.718	-52404	0.594718	-0.225689
212	256	SM 30:4;3 (SM/PC)	N/A	N/A	SM	1	-1.171867	0.31237	59353.69	70113.57	54476.68	74812.9	9280.123	12915	-10759.88	0.846536	-0.072354
213	79	DGTS 28:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	-1.251631	0.31484	191800.1	239926.3	194575.5	218076.5	22469.78	62693.57	-48126.11	0.799413	-0.097229



Row	Index	Sample Name	Sample ID	Group	Use	PC1 (62.9 %)	PC2 (12.5 %)	PC3 (11.1 %)	PC4 (8.6 %)
3	3	Con2-C	Con2	Mulberry-C	1	-3068.304023	288.286583959	1548.03207553	756.664417647
4	4	A2-A	A2	Mulberry-T	1	2922.14787853	-1109.7315023	-1033.0466939	1921.11074727
5	5	A2-B	A2	Mulberry-T	1	3354.52982101	-1542.0228643	1159.25547292	-1515.9977434

Row	Index	Peak Name	m/z	Ret. Time	Group	Use	Impact	PC1 (62.9 %)	PC2 (12.5 %)	PC3 (11.1 %)	PC4 (8.6 %)
4	4	CE 14:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	CE	1	0.06059309789	0.01320195522	-0.0306250516	0.02574903918	-0.0433756773
5	5	CE 14:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	CE	1	0.04361232756	0.00900593383	0.04176303914	-0.004909055	-0.0072560233
7	7	CE 16:1+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	0.03965020766	-0.0318259798	0.00050160285	0.01503882744	0.00498342252
11	11	CE 18:3+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	0.05476158455	0.00167611673	-0.0048147813	0.02331347695	-0.03339109
23	23	Cer 46:1;4 (FA 14:0+C3H6O)	N/A	N/A	Cer	1	0.05323935598	-0.0510546407	-0.0020412239	0.00616516504	-0.0026464018
26	26	Cer 46:3;4 (-FA 10:0 (NH4))	N/A	N/A	Cer	1	0.0572607176	-0.0548825606	-0.0045511739	-0.0087390282	-0.0117310395
29	29	Cer 48:1;4 (FA 14:0+C3H6O)	N/A	N/A	Cer	1	0.07654692093	-0.0164385776	0.0503764778	-0.0201320464	0.04625595103
31	31	Cer 48:2;4 (FA 16:0+C3H6O)	N/A	N/A	Cer	1	0.05759344686	0.02360539143	-0.0500955586	0.00042242919	0.01568866202
32	32	Cer 48:3;4 (FA 14:0+C3H6O)	N/A	N/A	Cer	1	0.06200379095	0.01280376604	0.05937465146	-0.0069792198	-0.0103159124
34	34	CL 52:6 (FA 16:0/16:0 FA)	N/A	N/A	CL	1	0.08319004555	-0.0276028933	0.00769680505	0.05815470804	0.03136643788
37	37	DAG 36:5 (FA 16:0/16:0 FA)	N/A	N/A	DAG	1	0.01862565851	0.00384619344	0.0178358769	-0.0020965261	-0.0030988535
39	39	Des 14:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	Des	1	0.05705600113	0.01178204878	0.05463666219	-0.0064222907	-0.0094927214
47	47	DGDG 22:6+NH4 (FA 16:0+C3H6O)	N/A	N/A	DGDG	1	0.06989102199	-0.0110394518	0.005234232	0.03143434019	0.0197921761
51	51	DGDG 26:2+NH4 (FA 14:0+C3H6O)	N/A	N/A	DGDG	1	0.06797687598	-0.0593059654	-0.0025373577	0.00311335374	-0.0041450645
52	52	DGDG 26:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	DGDG	1	0.06420486435	-0.0605180081	-0.0043512955	-0.006326558	-0.0105759264
66	66	DGPP 32:1 (-FA 10:0 (NH4))	N/A	N/A	DGPP	1	0.15714646958	-0.0450669842	-0.122398541	-0.0204592791	0.07729416251
68	68	DGPP 34:1 (FA 16:0+C3H6O)	N/A	N/A	DGPP	1	0.06947588699	0.02504859284	0.00723720761	0.02541596961	-0.0590065034
69	69	DGPP 34:2 (-FA 10:0 (NH4))	N/A	N/A	DGPP	1	0.22159678682	-0.0350017353	0.01659567937	0.09966585955	0.06275316205
70	70	DGPP 36:1 (-FA 10:0 (NH4))	N/A	N/A	DGPP	1	0.14331490121	-0.0226369268	0.01073304439	0.06445762603	0.04058480878
73	73	DGTS 24:0 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	0.06610489304	-0.0208235905	-0.0067820679	-0.0302792021	-0.022612384
75	75	DGTS 26:0 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	0.17190490383	0.04887472698	-0.0089348433	-0.1007923858	0.12945274765
76	76	DGTS 26:0 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	0.08213512393	0.00319941804	-0.0272303903	-0.0102015802	-0.0165759476
77	77	DGTS 26:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	0.07726995972	0.07561269082	-0.0149669013	-0.0018703402	6.77E-05
78	78	DGTS 28:0 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	0.08823499232	0.02223942098	0.00237435921	-0.072154016	-0.0300779601
79	79	DGTS 28:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	0.14528510505	0.03662149823	-0.0887844917	0.02291517653	-0.0885681064
80	80	DGTS 28:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	0.0687388325	-0.0109864326	0.03436677234	-0.0211549086	0.04229284602
83	83	DGTS 32:0 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	0.34221981551	0.33850255706	-0.0156296247	-0.0319907723	0.02943111941
84	84	DGTS 32:0 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	0.0949435301	-0.0215725951	0.00053147603	-0.001889005	0.00155306413
85	85	DGTS 32:0 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	0.04782464828	0.00022888325	0.04114231479	0.00091346782	0.01834628473
86	86	DGTS 32:0 (FA 18:0+C3H6O)	N/A	N/A	DGTS	1	0.09758521104	0.0024227098	-0.0471664846	0.01489364668	-0.0758736305
88	88	DGTS 32:1 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	0.05982814257	-0.0128507136	0.01345166833	0.03358061235	-0.0005712531
89	89	DGTS 32:1 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	0.05213714719	0.04646785583	-0.0228699424	-0.0009458918	0.00496450285
90	90	DGTS 32:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	0.04974244733	0.01019582493	0.02142973326	-0.0266544761	-0.0339018655
91	91	DGTS 32:6 (FA 14:0+C3H6O)	N/A	N/A	DGTS	1	0.0773555807	-0.0231812163	-0.0067591354	-0.0284194788	-0.022171221
92	92	DGTS 32:6 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	0.08314859346	0.01717016203	0.07962285338	-0.0093593037	-0.0138338898
93	93	DGTS 34:0 (FA 18:0+C3H6O)	N/A	N/A	DGTS	1	0.09140251347	0.00880052687	-0.0579448713	-0.008949769	0.02509945882
94	94	DGTS 34:1 (-FA 10:0 (NH4))	N/A	N/A	DGTS	1	0.25455695408	-0.2471450653	-0.0143799985	-0.0043675319	-0.0305039768
95	95	DGTS 34:1 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	0.08451363288	0.00039080064	0.00681621558	-0.0116092455	-0.0066226908
96	96	DGTS 34:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	0.08353644109	0.01163053361	0.0327655726	-0.0266174745	0.03255870983
118	118	MADAG 36:1+NH4 (FA 18:0+C3H6O)	N/A	N/A	MADAG	1	0.11313414292	-0.0330038981	-0.0056352682	-0.0288630211	-0.0186882281
138	138	MADAG 52:10+NH4 (FA 18:1+C3H6O)	N/A	N/A	MADAG	1	0.07046998151	0.01535391939	-0.0356170404	0.02994622124	-0.0504460621
141	141	MADAG 52:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	MADAG	1	0.08044539109	-0.0245971048	-0.0074807977	-0.0322203505	-0.0246974945
145	145	MADAG 54:10+NH4 (FA 18:1+C3H6O)	N/A	N/A	MADAG	1	0.09688829	-0.034431482	0.01034920847	0.07537921645	0.04164160961
147	147	MADAG 54:8+NH4 (FA 18:0+C3H6O)	N/A	N/A	MADAG	1	0.09421586348	0.02293605376	-0.0666279374	0.02985219159	-0.0103715792
156	156	PC 24:4 (FA 18:0+C3H6O)	N/A	N/A	PC	1	0.06503727164	-0.0514301548	-0.0075281654	-0.0282589054	-0.0231158843
157	157	PC 24:5 (FA 18:1+C3H6O)	N/A	N/A	PC	1	0.03339025439	-0.0298726854	-0.0033728149	-0.0101560436	-0.0096960169
159	159	PC 26:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.07254582356	-0.0648184867	-0.0063339554	-0.0141802013	-0.0171114451
162	162	PC 28:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.19260254257	-0.0244668423	0.13293791346	0.08939930502	0.03418756597
163	163	PC 28:6 (FA 16:1+C3H6O)	N/A	N/A	PC	1	0.0560955223	-0.0471065577	0.00184215894	0.02657713011	0.01109499436
164	164	PC 30:0 (SM/PC)	N/A	N/A	PC	1	0.13740865802	-0.1214448144	-0.0172924913	0.03021984636	-0.0449134015
165	165	PC 30:1 (SM/PC)	N/A	N/A	PC	1	0.18510839017	0.04033120542	-0.0935577515	0.07866181723	-0.1325101716
166	166	PC 30:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.16921805157	0.06221161358	0.0979049209	0.03445297603	-0.1180592599
167	167	PC 30:4 (FA 14:0+C3H6O)	N/A	N/A	PC	1	0.08036392654	-0.0107132966	0.001205202	0.01581295806	0.00618332556
169	169	PC 30:5 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.06010201599	0.05690102348	0.01803898517	-0.0059428116	-0.0019571518
170	170	PC 32:0 (SM/PC)	N/A	N/A	PC	1	0.16820108769	-0.162390883	-0.0269749801	-0.0042208887	-0.0190443555
171	171	PC 32:0+AcO (FA 16:0/16:0 FA)	N/A	N/A	PC	1	0.0467089294	-0.0096671435	-0.0064726587	-0.0362849202	-0.0231138239
172	172	PC 32:1 (SM/PC)	N/A	N/A	PC	1	0.1063835872	-0.0812315633	-0.04031214	0.0382657021	-0.0334795195
173	173	PC 32:4 (FA 18:1+C3H6O)	N/A	N/A	PC	1	0.07246080324	0.01578767736	-0.0366232444	0.03079222101	-0.0518711954
174	174	PC 32:5 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.07659405779	0.06238865439	0.00721691136	-0.0230605051	0.03724661125
175	175	PC 34:0 (SM/PC)	N/A	N/A	PC	1	0.21544354954	0.03837673483	-0.0735466952	-0.0765704251	0.18342534677
176	176	PC 34:1 (SM/PC)	N/A	N/A	PC	1	0.24180342576	-0.233046719	-0.0048236009	-0.0223342844	-0.0089866191
177	177	PC 34:1+AcO (FA 16:0/16:0 FA)	N/A	N/A	PC	1	0.05527359434	-0.0158863096	-0.0020491774	-0.0100646121	-0.0065689002
179	179	PC 34:2 (SM/PC)	N/A	N/A	PC	1	0.12091598829	-0.1017521166	-0.0253650136	0.03877490861	-0.0426783769
180	180	PC 34:3 (FA 16:0+C3H6O)	N/A	N/A	PC	1	0.06283749624	0.02177396054	0.04291797641	-0.0247143763	0.03193233126
181	181	PC 34:3 (SM/PC)	N/A	N/A	PC	1	0.05620542836	-0.0433033729	0.00280143319	-0.0286320751	0.01573472175

214	360 TAG 46:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	1.319438	0.31505	763002.2	327777.2	759949.9	0	64046.5	567726.8	435225	2.327807	0.366947
215	195 PC 36:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	-1.236982	0.31836	122368.5	203481.3	172446.6	185129.4	106554.6	39314.13	-81112.75	0.601375	-0.220855
216	147 MADAG 54:8+NH4 (FA 18:0+C3H6O)	N/A	N/A	MADAG	1	-1.174545	0.32466	7496.621	26561.7	0	30215.45	12984.53	24936.41	-19065.08	0.282234	-0.54939
217	275 SM 36:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	1.124676	0.32546	37623.38	31249.11	38348.65	27053.75	6300.344	7528.098	6374.263	1.203982	0.08062
218	199 PC 36:5 (-FA 10:0 (NH4))	N/A	N/A	PC	1	1.122148	0.32711	258548	236100.1	265913	248565.2	26923.55	21809.34	22447.87	1.095078	0.039445
219	331 TAG 36:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	TAG	1	1.143568	0.33213	26276.2	7891.059	31001.56	0	24261.14	13667.71	18385.14	3.32987	0.522427
220	90 DGTS 32:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	-1.097753	0.33423	41265.05	46113.44	38581.97	45338.29	5594.549	5217.403	-4848.386	0.89486	-0.048245
221	375 TAG 50:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	1.106265	0.33935	35048.64	11665.2	49283.68	0	30530.72	20204.72	23383.44	3.004547	0.477779
222	101 DGTS 36:2 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	1.020924	0.36501	33810.23	27474.52	31916.53	25764.53	7608.55	7592.637	6335.714	1.230603	0.090118
223	320 SM 44:1;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	1.126736	0.36663	23027.82	14528.23	22605.13	19979.36	3021.041	12711.77	8499.595	1.58504	0.20004
224	366 TAG 48:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.969725	0.38835	32486.56	30461.84	31706.35	31709.54	2750.378	2348.155	2024.723	1.066468	0.027948
225	229 PE 32:6 (-FA 10:0 (NH4))	N/A	N/A	PE	1	-1.074975	0.39469	45155.07	69626.6	62824.49	70129.78	39412.24	1172.507	-24471.53	0.648532	-0.188069
226	261 SM 32:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-1.013721	0.40541	266731.6	410249.4	349046.4	407058.3	236570.3	64538.45	-143518	0.650169	-0.186974
228	29 Cer 48:1;4 (FA 14:0+C3H6O)	N/A	N/A	Cer	1	1.001601	0.41461	31966.08	20954.69	31184.11	27203.05	3921.884	18633.54	11011.39	1.525485	0.183408
326	96 DGTS 34:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	-0.884348	0.42926	48110.04	55953.97	46661.28	61265.23	9437.143	12122.57	-7843.934	0.859815	-0.065595
327	82 DGTS 30:0 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	-0.899647	0.44526	102197.7	107289.9	101397.8	111741	3416.562	9189.133	-5092.166	0.952538	-0.021118
328	349 TAG 44:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-0.836037	0.45078	2180892	2237367	2158188	2246982	77697.34	87478.77	-56475.1	0.974758	-0.011103
329	279 SM 36:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-0.926308	0.45142	713050.8	1044980	1020965	1040666	619430.5	38966.94	-331929	0.682359	-0.165987
330	9 CE 18:1+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	0.914282	0.45461	288140	270349.3	289704	271722.5	4138.023	33448.35	17790.69	1.065806	0.027678
331	224 PC 44:0 (FA 18:0+C3H6O)	N/A	N/A	PC	1	-0.809277	0.46422	7991.514	17665.38	0	24756.97	13841.71	15397.43	-9673.867	0.452383	-0.344494
332	330 TAG 36:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	-0.80771	0.47077	82981.89	94152.85	76722.56	87893.06	13285.75	19933.13	-11171	0.881353	-0.05485
333	392 TAG 54:3+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.878512	0.47171	52579.81	27964.69	53417	0	3023.438	48436.27	24615.12	1.880221	0.274209
334	57 DGDG 30:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	DGDG	1	0.858869	0.47205	33318.48	22905.27	33928.11	29741.34	5118.212	20366.67	10413.21	1.45462	0.16275
335	294 SM 40:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-0.791725	0.48677	32870.78	36341.36	36233.27	34391.81	6762.376	3452.139	-3470.581	0.904501	-0.043591
336	8 CE 18:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	-0.766212	0.49078	103119.7	114678.7	101512.1	122956.5	15044.86	21363.64	-11559	0.899205	-0.046141
337	341 TAG 42:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.760594	0.49134	2826997	2735121	2792683	2699604	129914.8	164000.5	91875.64	1.033591	0.014349
338	329 TAG 36:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-0.774468	0.49471	973649.3	1021128	969923.8	1072901	49306.97	94041.53	-47478.94	0.953503	-0.020678
339	80 DGTS 28:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	0.78283	0.50085	19948.8	14076.58	17841.58	20197.31	4399.133	12225.16	5872.215	1.417162	0.151419
340	303 SM 40:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.712504	0.51558	12609.78	6209.274	16237.13	0	11243.85	10754.78	6400.508	2.030798	0.307667
341	238 PE 36:2 (-PE)	N/A	N/A	PE	1	-0.711743	0.52037	92541.56	103418.9	87123.14	94807.81	21731.88	15113.25	-10877.38	0.894822	-0.048263
342	217 PC 40:5 (SM/PC)	N/A	N/A	PC	1	-0.759886	0.52642	18726.98	32970.75	0	33753.32	32436.09	1407.035	-14243.76	0.567988	-0.245661
343	276 SM 36:0;4 (LCB 18:0;3-3H2O/LCB 18:1;2-2H2O)	N/A	N/A	SM	1	0.67337	0.53767	13032.12	6613.14	15801.91	0	11891.66	11454.29	6418.976	1.97064	0.294607
344	162 PC 28:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.657804	0.5466	86732.68	44834.64	107775.6	0	78359.76	77655.88	41898.04	1.934501	0.286569
345	304 SM 40:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-0.663322	0.55019	50440.45	82850.24	67579.09	117932.2	44424	72030.25	-32409.79	0.608815	-0.215515
346	272 SM 34:4;3 (SM/PC)	N/A	N/A	SM	1	-0.680263	0.56226	70988.34	79220.15	70018.14	76156.32	3966.134	20580.75	-8231.81	0.896089	-0.047649
347	204 PC 38:1 (SM/PC)	N/A	N/A	PC	1	-0.603967	0.57862	93123.76	169797.5	0	228058.3	161295.1	149442.2	-76673.7	0.54844	-0.260871
348	310 SM 42:1;2 (SM/PC)	N/A	N/A	SM	1	0.636746	0.58515	506899	471474.6	507202.1	500159.6	18986.28	94471.09	35424.4	1.075135	0.031463
349	321 SM 44:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.570277	0.59944	12811.8	7277.845	18514.79	0	11117.59	12605.6	5533.96	1.760384	0.245608
350	381 TAG 52:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.581482	0.61441	75332.29	57838.98	78979.06	78978.85	12066.78	50690.56	17493.31	1.302448	0.114761
351	93 DGTS 34:0 (FA 18:0+C3H6O)	N/A	N/A	DGTS	1	-0.543064	0.62025	12749.73	19147.09	17395.47	24664.83	11176.16	17070.68	-6397.364	0.665883	-0.176602
352	390 TAG 54:2+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.504476	0.64123	16452.64	9924.022	22688.43	0	14386.77	17188.91	6528.616	1.65786	0.219548
353	323 SQDG 22:6 (FA 18:0/FA 22:6-CO2/18:0 FA)	N/A	N/A	SQDG	1	-0.513787	0.65386	1785.242	3784.774	2406.894	0	1569.631	6555.422	-1999.532	0.47169	-0.326343
354	391 TAG 54:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	-0.41202	0.7028	20338.98	27516.48	25372.08	38847.22	18347.7	23953.29	-7177.501	0.739156	-0.131264
355	282 SM 38:0;4 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-0.40924	0.70492	199602.6	268089.8	284379.2	399034.4	173512.7	232193.3	-68487.17	0.744536	-0.128114
356	284 SM 38:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.40075	0.71408	59583.05	55496.57	54595.41	60462.62	8733.169	15351.62	4086.476	1.073635	0.030857
357	178 PC 34:1+AcO (FA 18:1/18:1 FA)	N/A	N/A	PC	1	0.397502	0.71681	6699.566	3664.19	0	0	11603.99	6346.563	3035.376	1.828389	0.262069
358	183 PC 34:4 (FA 18:1+C3H6O)	N/A	N/A	PC	1	0.387641	0.71952	12658.91	8530.601	17663.05	0	11042.75	14775.43	4128.304	1.483941	0.171417
359	354 TAG 46:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.373412	0.72782	30932.85	29107.73	28993.27	31310.07	6116.184	5853.215	1825.114	1.062702	0.026412
360	41 DGDG 20:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	DGDG	1	0.388695	0.72931	231398	222237.5	232642.9	235859.2	12392.13	38893.13	9160.455	1.041219	0.017542
361	333 TAG 38:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	-0.367547	0.73183	1276807	1301305	1242168	1347407	81631.65	81634.26	-24498.11	0.981174	-0.008254
362	100 DGTS 36:1 (FA 18:1+C3H6O)	N/A	N/A	DGTS	1	-0.390795	0.73268	59501.13	60930.02	62477.49	60960.6	6286.216	768.5339	-1428.891	0.976549	-0.010306
363	326 TAG 34:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.344244	0.75292	46524.34	42845.76	55335.28	43091.18	16303.44	8761.681	3678.578	1.085856	0.035772
364	274 SM 36:0;4 (-FA 10:0 (NH4))	N/A	N/A	SM	1	0.335512	0.75458	108033.8	84343.07	157446.5	97400.7	93673.2	78631.63	23690.7	1.280885	0.10751
365	192 PC 36:2+AcO (FA 18:1/18:1 FA)	N/A	N/A	PC	1	-0.335585	0.75741	3346.629	5510.067	0	0	5796.532	9543.716	-2163.438	0.607366	-0.216549
366	327 TAG 34:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	TAG	1	-0.308105	0.77437	13550.62	16984.84	20275.81	21160.03	11735.28	15329.78	-3434.228	0.797806	-0.098103
367	110 LPC 30:0 (SM/PC)	N/A	N/A	LPC	1	0.317204	0.78111	34477.26	28992.27	49495.65	29145.95	29940.62	754.1178	5484.996	1.189188	0.075251
368	98 DGTS 36:0 (FA 18:0+C3H6O)	N/A	N/A	DGTS	1	0.306864	0.78741	28131.1	24318.09	27989.2	32629.8	2206.004	21408.63	3813.004	1.156797	0.063257
369	67 DGPP 34:1 (-FA 10:0 (NH4))	N/A	N/A	DGPP	1	-0.302793	0.78774	99306.1	114867.9	141728.7	126295.2	86305.01	21806.88	-15561.79	0.864524	-0.063223
370	291 SM 38:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-0.284303	0.79235	82789.85	125544.7	0	0	143396.2	217449.8	-42754.85	0.659445	-0.180821
371	190 PC 36:2 (FA 16:0+C3H6O)	N/A	N/A	PC	1	-0.252228	0.81474	6874.662	9918.571	0	0	11907.26	17179.47	-3043.909	0.69311	-0.159198
372	76 DGTS 26:0 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	-0.211224	0.84671	37458.58	38880.45	39354.28	39936.87	10487.1	5095.252	-1421.863	0.96343	-0.01618
373	161 PC 28:3 (FA 16:0+C3H6O)	N/A	N/A	PC	1	-0.177189	0.86847	6636.517	8555.01	0	0	11494.78	14817.71	-1918.492	0.775746	-0.11028
374	377 TAG 50:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	-0.177119	0.8719	60250.56	61321.53	64472.6	59010.69	9650.116	4069.288	-1070.966	0.982535	-0.007652
375	338 TAG 38:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.168043	0.8776	44372.7	42364.84	44112.12	50192.28	9048.846	18612.34	2007.862	1.047395	0.02011
376	376 TAG 50:2+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.149234	0.8898	46396.25	45140.23	46086.98	49610.67	7841.401	12289.06	1256.018	1.027825	0.011919
377	50 DGDG 26:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	DGDG	1	0.104918	0.92269	15939.84	14218.56	20683.48	0	14176.32	24627.28	1721.281	1.121059	0.049628
378	266 SM 34:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-0.104495	0.92283	37683	38339.41	35045.42	37384.06	5620.225	9316.406	-656.4119	0.982879	-0.0075
379	109 Lan 16:0+NH4 (FA 22:6+C3H6O)	N/A	N/A	Lan	1	0.097577	0.92705	8598.236	7485.828	0	0	14892.58	12965.83	1112.408	1.148602	0.06017
380	278 SM 36:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-0.097033	0.92745	6259.969	7184.619	0	0	10842.58	12444.12	-924.6501	0.871301	-0.059832
381	316 SM 42:4;2 (SM/PC)	N/A	N/A	SM	1	0.100524	0.92858	57835.63	54879.13	85920.37	56033.33	50094.05	9250.948	2956.497	1.053873	0.022788
382	255 SM 30:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	-0.093995	0.92965	218634.6	233692.8	315439.1	345330.5	189756.1	202450.9	-15058.22	0.935564	-0.028926
383	290 SM 38:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	-0.093242	0.9302	12881.67	13774.24	16807.16	19310.34	11435.91	12005.11	-892.5693	0.9352	-0.029095
384	355 TAG 46:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.091971	0.93372	57184.06	56476.7	58209.44	54679.27	12629.84	4236.539	707.3597	1.012525	0.005406
385	11 CE 18:3+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	-0.083767	0.93769	26729.76	27043.21	24888.19	26649.34	3744.487	5290.042	-313.4506	0.988409	-0.005063

182	182 PC 34:4 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.15643095171	-0.0528352931	0.09684950149	-0.081063392	0.07406077222
183	183 PC 34:4 (FA 18:1+C3H6O)	N/A	N/A	PC	1	0.08842720568	-0.0067591983	-0.0280827305	-0.0443131976	0.04093313599
184	184 PC 34:5 (FA 18:1+C3H6O)	N/A	N/A	PC	1	0.08964063722	0.00103763728	-0.0186404998	-0.0068631477	0.05440693776
185	185 PC 36:0 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.09668552799	-0.094231669	-0.0050546415	0.00094852587	-0.0100428785
186	186 PC 36:0 (SM/PC)	N/A	N/A	PC	1	0.0688426238	0.06684808266	-0.0017461581	-0.0098218393	0.01259089678
187	187 PC 36:1 (-FA 10:0 (NH4))	N/A	N/A	PC	1	0.07445562875	0.07261190321	0.00869950889	-0.0102629138	0.00868669223
188	188 PC 36:1 (FA 16:0+C3H6O)	N/A	N/A	PC	1	0.08166924381	-0.0108873082	0.00122477758	0.01606980125	0.0062837587
189	189 PC 36:1 (SM/PC)	N/A	N/A	PC	1	0.11976303918	-0.0980777809	0.04089084606	0.0296748611	0.04214627357
190	190 PC 36:2 (FA 16:0+C3H6O)	N/A	N/A	PC	1	0.08273612577	0.00304857593	-0.032046841	-0.0643350315	0.03877548511
191	191 PC 36:2 (SM/PC)	N/A	N/A	PC	1	0.1674693926	-0.1456976654	0.01074810953	0.06505991202	-0.0087022116
192	192 PC 36:2+AcO (FA 18:1/18:1 FA)	N/A	N/A	PC	1	0.06069996366	0.00326016752	-0.0236490729	-0.0451875435	0.03165539872
193	193 PC 36:3 (FA 14:0+C3H6O)	N/A	N/A	PC	1	0.07852874253	-0.0124038002	0.00588112243	0.03531926043	0.02223825975
194	194 PC 36:3 (SM/PC)	N/A	N/A	PC	1	0.08775994016	-0.0759609205	0.00973792576	0.04228583777	-0.0041833695
196	196 PC 36:4 (FA 16:0+C3H6O)	N/A	N/A	PC	1	0.06885793513	0.01421914495	0.06593816016	-0.0077507303	-0.0114562742
294	294 SM 40:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.05817680547	0.00757565691	0.01533427022	-0.0286633362	-0.0209315226
295	295 SM 40:0;4 (LCB 18:0;3-3H2O/LCB 18:1;2-2H2O)	N/A	N/A	SM	1	0.07321742295	-0.0218118909	-0.0062837738	-0.0262318829	-0.0205727464
296	296 SM 40:0;4 (SM/PC)	N/A	N/A	SM	1	0.07126847509	0.02408941131	0.02773507161	-0.031711883	0.05215690085
297	297 SM 40:1;2 (SM/PC)	N/A	N/A	SM	1	0.11228114958	-0.1049842761	0.02145158699	-0.0075541519	0.03256288689
298	298 SM 40:1;4 (SM/PC)	N/A	N/A	SM	1	0.06963000473	0.0151709062	-0.0351924982	0.02958927308	-0.0498447632
299	299 SM 40:2;3 (SM/PC)	N/A	N/A	SM	1	0.10934739844	-0.0630402646	0.0025117128	-0.02878092	0.08350113745
300	300 SM 40:3;3 (LCB 18:0;3-3H2O/LCB 18:1;2-2H2O)	N/A	N/A	SM	1	0.08767668064	-0.0116881582	0.00131486993	0.01725186577	0.00674598024
301	301 SM 40:3;3 (SM/PC)	N/A	N/A	SM	1	0.08694499033	-0.08630026	0.00195118303	-0.0081269532	0.00464836621
302	302 SM 40:3;4 (FA 16:0+C3H6O)	N/A	N/A	SM	1	0.05063284585	-0.034736128	0.00216291329	0.02319741012	0.01096805172
303	303 SM 40:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.08850520585	-0.0110336054	-0.0185154664	-0.0201143374	0.04333975848
304	304 SM 40:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	0.17132266063	0.02041412935	0.09446688811	0.00925287167	0.14074629987
305	305 SM 40:4;3 (FA 16:0+C3H6O)	N/A	N/A	SM	1	0.07044875161	0.01254896267	-0.0240493293	-0.0250380709	0.05997899089
306	306 SM 40:4;3 (SM/PC)	N/A	N/A	SM	1	0.06160633652	0.02535687759	-0.0538741373	0.00105604255	0.01562165509
307	307 SM 42:0;2 (SM/PC)	N/A	N/A	SM	1	0.12010287672	0.05024002113	-0.1076499885	0.01097793334	0.01278868833
308	308 SM 42:0;4 (FA 14:0+C3H6O)	N/A	N/A	SM	1	0.08272552423	-0.0110281207	0.00124061841	0.01627764224	0.00636503056
309	309 SM 42:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.03639724169	0.01631209117	-0.005563257	0.02979986324	0.00965057571
310	310 SM 42:1;2 (SM/PC)	N/A	N/A	SM	1	0.18004950175	-0.0259486415	0.04867408104	-0.1070657182	0.13122671022
311	311 SM 42:1;4 (LCB 18:0;3-3H2O/LCB 18:1;2-2H2O)	N/A	N/A	SM	1	0.07159288234	-0.0113082647	0.00536168659	0.03219977265	0.02027411955
312	312 SM 42:2;2 (SM/PC)	N/A	N/A	SM	1	0.07897691806	-0.0764146463	0.00688845544	-0.0162971819	-0.0088142548
313	313 SM 42:2;3 (SM/PC)	N/A	N/A	SM	1	0.04310963559	-0.0280662532	0.00697549039	0.028491531	0.00324398825
314	314 SM 42:3;2 (SM/PC)	N/A	N/A	SM	1	0.06515878962	0.02459482086	0.02621255316	0.01810204331	-0.051126991
315	315 SM 42:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.08811002996	-0.0117459279	0.00132136879	0.01733713456	0.00677932281
316	316 SM 42:4;2 (SM/PC)	N/A	N/A	SM	1	0.16302531656	-0.0032084727	-0.0094398346	-0.0836846815	-0.0270268682
317	317 SM 44:0;4 (FA 16:0+C3H6O)	N/A	N/A	SM	1	0.08272520815	0.01708273307	0.07921742082	-0.0093116469	-0.0137634488
318	318 SM 44:0;4 (FA 18:1+C3H6O)	N/A	N/A	SM	1	0.08625050494	-0.0178508911	-0.0119521061	-0.0670020215	-0.0426808965
319	319 SM 44:0;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.05271334512	0.02583491613	-0.0084893139	-0.0205282433	0.02858860293
320	320 SM 44:1;4 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.06508803266	-0.0151269369	0.02597780164	-0.0159876143	0.05529002778
321	321 SM 44:4;2 (LCB 18:0;2-2H2O)	N/A	N/A	SM	1	0.08176927738	-0.0091748901	-0.026528544	-0.0481673079	0.0302852087
322	322 SM 46:0;4 (FA 18:0+C3H6O)	N/A	N/A	SM	1	0.07557808253	0.01646686662	-0.0381987843	0.03211690896	-0.0541027053
323	323 SQDG 22:6 (FA 18:0/FA 22:6-CO2/18:0 FA)	N/A	N/A	SQDG	1	0.04988171583	0.00428278623	-0.017536121	-0.0213765264	0.0392941987
324	324 TAG 30:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.11933684508	0.04659937809	0.00899541653	0.01117644431	-0.1082785368
325	325 TAG 32:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.07406481914	-0.0204791083	-0.0012954489	-0.005204923	-0.0035435244
326	326 TAG 34:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.09441637628	-0.0055421513	-0.0348669877	-0.0416264278	-0.0028407975
327	327 TAG 34:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	TAG	1	0.07614561021	0.00625480887	-0.0494383467	0.05313024395	0.01788632012
328	328 TAG 34:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.07381996662	-0.0696886053	-0.0019300129	0.01365231133	-0.0004358443
329	329 TAG 36:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.19083923883	0.02475334915	0.07974121424	-0.1308013947	0.08565676177
330	330 TAG 36:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.10260828902	0.0140905905	-0.0393442881	-0.0125326584	0.06161199672
331	331 TAG 36:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	TAG	1	0.10256261915	-0.0204709622	-0.0341263225	-0.0359450394	-0.0711362221
332	332 TAG 36:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.05873214891	0.0241265116	-0.0522281355	0.01047593581	-0.0044960266
333	333 TAG 38:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.1897990221	0.01074542449	0.05450328861	-0.1786746143	0.03067080418
334	334 TAG 38:0+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.22035291818	0.06151029628	0.2045009014	-0.0174814544	-0.0514248222
335	335 TAG 38:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.11621424369	0.07341653162	-0.0183993263	-0.0037513301	-0.0703742655
336	336 TAG 38:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.03374531823	-0.0327752286	-0.0005541165	0.00786428808	0.00099900466
337	337 TAG 38:1+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.0498097058	0.04916575547	-0.0051076852	0.00036635547	-0.0050625442
338	338 TAG 38:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.08871801396	-0.0037216341	0.05000412008	-0.0089481727	0.06008387635
339	339 TAG 38:3+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.09415842982	0.01944369025	0.09016584093	-0.0105985838	-0.0156656569
340	340 TAG 40:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.04887347771	0.04044863872	0.02422685631	-0.0105166373	0.00726192008
341	341 TAG 42:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.2730997081	-0.0380456005	-0.1673932095	-0.0385249723	-0.1703291742
342	342 TAG 42:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.04167658069	-0.0122128701	0.03448847496	-0.0048285666	0.01304342182
343	343 TAG 42:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.08163779338	-0.0794659022	-0.0030651899	0.00990504004	-0.003760071
344	344 TAG 42:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.26453541622	0.25483764156	-0.053830805	0.01353768138	-0.0397971213
345	345 TAG 42:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.11556961345	0.08519500311	0.03646932349	-0.0393109622	0.05675205398
346	346 TAG 44:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.14781884515	0.10523686736	-0.0310597786	0.00180902353	-0.0184800916
347	347 TAG 44:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.08218965556	-0.028180064	0.03593465598	-0.0160462435	0.06529660384
348	348 TAG 44:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.08241635633	-0.0171722557	0.01917621938	0.01085279703	-0.0643895912
349	349 TAG 44:1+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.20827478621	0.0333810687	-0.0160423942	-0.0433237908	-0.2003235258
350	350 TAG 44:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.23646985046	-0.0823127829	-0.1938756184	-0.0165015356	0.1061778432
351	351 TAG 44:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.03860335367	-0.0362656258	-0.0018328145	0.00068997015	-0.003502138
352	352 TAG 44:3+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.08974467372	-0.0823459172	-0.0038180082	0.00759380925	-0.0060890291
353	353 TAG 46:0+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.11253601213	0.08354159287	-0.0217374089	0.00183490042	0.05487667368

386	184	PC 34:5 (FA 18:1+C3H6O)	N/A	N/A	PC	1	-0.078494	0.94125	5896.389	6590.532	0	0	10212.85	11415.14	-694.143	0.894676	-0.048334
387	95	DGTS 34:1 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	-0.080604	0.94281	46372.08	46855.73	51327.36	46103.07	10277.23	1546.013	-483.6518	0.989678	-0.004506
388	85	DGTS 32:0 (FA 16:0+C3H6O)	N/A	N/A	DGTS	1	-0.077316	0.94367	102539.9	102863.8	101379.8	101944.8	2909.96	6647.219	-323.9078	0.996851	-0.00137
389	86	DGTS 32:0 (FA 18:0+C3H6O)	N/A	N/A	DGTS	1	-0.053123	0.96114	12254.4	13018.81	18095.81	0	10616.46	22549.25	-764.4199	0.941283	-0.02628
390	269	SM 34:4;3 (-FA 10:0 (NH4))	N/A	N/A	SM	1	0.049409	0.96296	588315.5	568106	880073.6	836404	509501.8	492246.4	20209.5	1.035573	0.015181
391	202	PC 38:0 (FA 16:0+C3H6O)	N/A	N/A	PC	1	-0.045357	0.96601	6961.494	7423.078	0	0	12057.66	12857.15	-461.5832	0.937818	-0.027882
392	244	PE 38:5 (-PE)	N/A	N/A	PE	1	-0.041619	0.9688	8870.373	9408.532	0	0	15363.94	16296.06	-538.1587	0.942801	-0.02558
393	3	CE 14:0+NH4 (FA 20:0+C3H6O/Chol)	N/A	N/A	CE	1	0.02689	0.98003	63320.07	63122.5	63831.72	62793.87	6956.924	10656.65	197.5744	1.00313	0.001357
394	144	MADAG 52:9+NH4 (FA 16:0+C3H6O)	N/A	N/A	MADAG	1	0.013602	0.99033	50329.1	49981.1	71699.93	47269.09	43751.07	7036.434	348	1.006963	0.003013

354	354	TAG 46:0+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.06456595252	-0.0035968752	0.01063070805	0.03033663713	-0.0245192564
355	355	TAG 46:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.0936050406	-0.0017153523	0.02065372541	0.00668490904	0.00032129326
356	356	TAG 46:1+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.04509446408	-0.0245030759	-0.0024570014	-0.0121121917	-0.0141646883
357	357	TAG 46:1+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.05280354976	0.05057357498	0.00239223095	-0.0091359977	0.01162733247
358	358	TAG 46:1+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.07068934514	0.02824032708	-0.0614908502	0.015757682	-0.0124076861
359	359	TAG 46:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.04793920506	0.01564624366	-0.0277623175	0.03440890984	0.00962784871
360	360	TAG 46:2+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.38182267858	-0.1094645465	0.35630757883	0.00311511352	-0.058406055
361	361	TAG 46:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.03811260246	0.02921162982	0.00800658238	0.0193160996	-0.0112553214
362	362	TAG 46:3+NH4 (-FA 10:0 (NH4))	N/A	N/A	TAG	1	0.11375615983	0.10996521436	-0.0090432396	0.00712971771	-0.025405096
363	363	TAG 46:3+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.06098587977	0.01259356765	0.05839990264	-0.0068646425	-0.0101465569
364	364	TAG 46:6+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.08593754757	-0.0135740384	0.00643597773	0.03865146092	0.02433633143
365	365	TAG 46:7+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.06303788066	-0.0130466754	-0.0087354322	-0.0489697474	-0.031194174
366	366	TAG 48:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.04061977879	-0.0064116034	-0.0175530172	0.01117373241	0.01076428084
367	367	TAG 48:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.0549719309	0.04633805151	-0.0161710864	-0.0105196333	0.02231337025
368	368	TAG 48:2+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.04108232259	0.03963930008	0.00194342243	0.00200129882	-0.0100074536
369	369	TAG 48:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.07705796199	-0.0267757625	0.00889205791	0.06181942319	0.03521978983
370	370	TAG 48:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.04354942863	0.0428192061	-0.0069773259	-0.0001897894	-0.0023595037
371	371	TAG 48:6+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.03846020801	-0.0350797427	0.00022562001	0.01287796291	0.00402456408
372	372	TAG 50:0+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.06975970478	0.01440536014	0.06680169218	-0.0078522346	-0.0116063066
373	373	TAG 50:1+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.11807552385	-0.0459905757	-0.1042238716	-0.0060836443	0.02860485688
374	374	TAG 50:1+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.04067052869	-0.0326724703	8.74E-05	0.01301410975	0.00355839437
375	375	TAG 50:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.11303362593	-0.0230049504	-0.0105892974	0.05353198019	0.09462547719
376	376	TAG 50:2+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.07122752025	-0.0028933411	0.04379279219	0.00560831842	0.05375153011
377	377	TAG 50:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.05730051066	0.00306587507	-0.0044647732	0.05564697161	0.01126107624
378	378	TAG 50:5 (FA 16:0/16:0 FA)	N/A	N/A	TAG	1	0.05914878016	-0.0187895139	-0.0062543209	-0.0282224386	-0.0209149378
379	379	TAG 50:5+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.05978239945	-0.021136936	0.00629654031	0.04605917581	0.02537260592
380	380	TAG 52:1+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.07772738381	0.026754452	0.03592106472	-0.0340878312	0.05356567391
381	381	TAG 52:2+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.1217718214	-0.014783006	-0.1145547638	-0.0177194958	0.02495695613
382	382	TAG 52:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.06145005995	0.01595485459	0.01044075647	0.00092927366	-0.0356150398
383	383	TAG 52:3+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.08399417228	0.03454678766	-0.0733844054	0.0012925486	0.02158219906
384	384	TAG 52:4+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.08482958623	0.02939882739	0.05786967663	-0.0333860609	0.04318047986
385	385	TAG 52:4+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.06171072232	-0.0220586477	0.00672290573	0.04864330612	0.02698929088
386	386	TAG 52:6+NH4 (FA 14:0+C3H6O)	N/A	N/A	TAG	1	0.06107774088	-0.0214931095	0.00635746246	0.04666397628	0.0256482792
387	387	TAG 52:7+NH4 (FA 16:0+C3H6O)	N/A	N/A	TAG	1	0.07737243863	-0.0236364447	-0.0071748718	-0.0308699658	-0.0236807004
388	388	TAG 54:0+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.13339769358	0.02754658759	0.12774124678	-0.0150154016	-0.0221941095
389	389	TAG 54:1+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.16214844061	-0.0256117288	0.01214351331	0.07292824025	0.04591820809
390	390	TAG 54:2+NH4 (FA 18:0+C3H6O)	N/A	N/A	TAG	1	0.09864929753	-0.0093837941	-0.0299803199	-0.0483387425	0.04127575893
391	391	TAG 54:2+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.1095910473	0.00891779569	-0.0740080246	-0.019407765	0.00576922006
392	392	TAG 54:3+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.11360751564	-0.0227140319	0.10852151912	-0.0086837977	-0.0217995999
393	393	TAG 54:5+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.05528217117	0.04073987047	0.02640313706	-0.0171208241	0.02013693071
394	394	TAG 54:6+NH4 (FA 18:1+C3H6O)	N/A	N/A	TAG	1	0.09261671025	-0.0123467124	0.00138895459	0.01822389993	0.0071260738