Supplementary Table 2. Association of lipid species with baseline A/T/N biomarkers

	A: Amyloid PET (AV45) uptake					T: CSF pTau					N1: Hippocampal volume					N2: FDG uptake				
Lipid Species	Beta	95% CI (Lower)	95% CI (Upper)	Pvalue	Pvalue(BH)	Beta	95% CI (Lower)	95% CI (Upper)	Pvalue	Pvalue(BH)	Beta	95% CI (Lower)	95% CI (Upper)	Pvalue	Pvalue(BH)	Beta	95% CI (Lower)	95% CI (Upper)	Pvalue	Pvalue(BH)
SM(41:0)	-0.148	-0.224	-0.073	0.000	0.034	-0.054	-0.120	0.012	0.110	0.333	0.095	0.045	0.146	0.000	0.007	0.087	0.016	0.157	0.016	0.110
LPC(O-24:1)	0.134	0.065	0.202	0.000	0.034	0.053	-0.009	0.115	0.095	0.311	-0.033	-0.081	0.016	0.186	0.484	-0.113	-0.177	-0.049	0.001	0.025
LPC(O-24:2)	0.134	0.067	0.202	0.000	0.034	0.052	-0.009	0.114	0.095	0.311	-0.050	-0.097	-0.004	0.034	0.209	-0.053	-0.117	0.010	0.098	0.282
SM(d18:1/23:0) & SM(d17:1/24:0)	-0.163	-0.254	-0.071	0.001	0.044	-0.046	-0.126	0.034	0.256	0.492	0.113	0.051	0.175	0.000	0.009	0.063	-0.022	0.149	0.144	0.350
LPC(18:2) [sn1]	0.133	0.061	0.204	0.000	0.044	0.069	0.005	0.132	0.035	0.196	0.009	-0.040	0.057	0.722	0.887	-0.012	-0.079	0.054	0.717	0.845
LPC(18:2) [sn2]	0.127	0.056	0.198	0.000	0.044	0.052	-0.012	0.116	0.108	0.331	0.013	-0.034	0.060	0.587	0.811	-0.005	-0.071	0.062	0.893	0.945
LPC(19:1) (b)	0.121	0.054	0.189	0.000	0.044	0.070	0.009	0.131	0.025	0.169	-0.018	-0.067	0.031	0.465	0.732	-0.087	-0.150	-0.023	0.008	0.078
LPC(O-22:1)	0.124	0.057	0.191	0.000	0.044	0.059	-0.002	0.120	0.058	0.254	-0.029	-0.079	0.020	0.246	0.562	-0.106	-0.169	-0.043	0.001	0.028
PE(O-18:0/22:6)	-0.130	-0.202	-0.058	0.000	0.044	-0.102	-0.167	-0.038	0.002	0.042	0.073	0.024	0.121	0.003	0.048	0.038	-0.029	0.105	0.265	0.473
PE(P-20:1/20:4)	-0.114	-0.180	-0.047	0.001	0.060	-0.075	-0.134	-0.016	0.012	0.110	0.044	0.000	0.088	0.050	0.252	0.036	-0.026	0.097	0.253	0.461
LPC(20:1) [sn1]	0.113	0.044	0.181	0.001	0.084	0.021	-0.041	0.082	0.516	0.709	0.023	-0.027	0.073	0.359	0.668	-0.033	-0.098	0.031	0.307	0.532
LPC(20:2) [sn1]	0.113	0.044	0.182	0.001	0.084	0.053	-0.009	0.116	0.092	0.310	0.012	-0.038	0.062	0.629	0.829	-0.022	-0.087	0.043	0.501	0.701
HexCer(d18:1/24:1)	0.116	0.045	0.187	0.001	0.085	0.001	-0.063	0.064	0.981	0.985	-0.009	-0.056	0.038	0.703	0.875	-0.051	-0.117	0.016	0.134	0.334
Hex2Cer(d18:1/16:0)	0.113	0.039	0.187	0.003	0.088	0.056	-0.009	0.122	0.094	0.310	-0.020	-0.070	0.030	0.434	0.715	-0.077	-0.146	-0.007	0.030	0.158
Cer(d18:2/24:1)	0.113	0.040	0.186	0.002	0.088	0.018	-0.049	0.084	0.600	0.778	-0.043	-0.094	0.007	0.092	0.346	-0.093	-0.162	-0.025	0.008	0.078
PC(16:1_18:2)	0.138	0.050	0.227	0.002	0.088	0.128	0.049	0.206	0.001	0.037	-0.078	-0.138	-0.017	0.012	0.114	-0.141	-0.222	-0.059	0.001	0.027
LPC(18:1) [sn1]	0.113	0.042	0.183	0.002	0.088	0.060	-0.003	0.122	0.062	0.264	-0.021	-0.075	0.033	0.452	0.728	-0.081	-0.146	-0.015	0.016	0.110
LPC(18:1) [sn2]	0.109	0.038	0.181	0.003	0.088	0.061	-0.001	0.124	0.056	0.254	-0.020	-0.072	0.033	0.461	0.730	-0.058	-0.124	0.008	0.085	0.270
LPC(19:1) (c)	0.108	0.039	0.177	0.002	0.088	0.055	-0.007	0.117	0.080	0.292	-0.006	-0.051	0.039	0.795	0.914	-0.012	-0.076	0.052	0.708	0.841
LPC(O-20:1)	0.100	0.035	0.165	0.003	0.088	0.058	-0.002	0.117	0.057	0.254	-0.047	-0.101	0.007	0.086	0.332	-0.124	-0.186	-0.062	0.000	0.011
LPC(16:1) [sn1]	0.114	0.042	0.185	0.002	0.088	0.110	0.048	0.173	0.001	0.026	-0.075	-0.127	-0.024	0.004	0.057	-0.121	-0.186	-0.055	0.000	0.017
PE(O-18:0/22:5)	-0.111	-0.181	-0.041	0.002	0.088	0.003	-0.060	0.067	0.921	0.964	0.008	-0.040	0.056	0.741	0.892	0.016	-0.049	0.082	0.623	0.800
PE(O-38:5) (b)	-0.110	-0.181	-0.039	0.003	0.088	-0.046	-0.109	0.018	0.158	0.395	0.019	-0.029	0.067	0.430	0.714	0.019	-0.047	0.084	0.579	0.760
DE(20:4)	-0.149	-0.244	-0.053	0.002	0.088	-0.035	-0.120	0.050	0.417	0.620	0.035	-0.026	0.096	0.260	0.577	0.041	-0.047	0.128	0.362	0.590
LPC(19:1) (a)	0.102	0.035	0.170	0.003	0.093	0.058	-0.003	0.119	0.063	0.268	0.002	-0.046	0.049	0.951	0.979	-0.053	-0.117	0.010	0.101	0.284
LPE(18:2) [sn2]	0.103	0.034	0.172	0.003	0.097	0.085	0.023	0.147	0.007	0.093	-0.035	-0.082	0.012	0.140	0.424	-0.038	-0.103	0.026	0.244	0.455
Hex2Cer(d18:2/24:1)	0.113	0.036	0.191	0.004	0.102	0.027	-0.041	0.096	0.433	0.633	-0.004	-0.054	0.046	0.878	0.953	-0.014	-0.086	0.057	0.694	0.840
LPC(18:3) [sn1] (a) & LPC(18:3) [sn2] (b)	0.098	0.031	0.165	0.004	0.102	0.070	0.010	0.130	0.022	0.154	-0.018	-0.062	0.027	0.437	0.718	-0.019	-0.081	0.044	0.553	0.742
LPC(18:3) [sn2] (a)	0.098	0.031	0.165	0.004	0.102	0.086	0.026	0.146	0.005	0.077	-0.021	-0.067	0.024	0.357	0.667	-0.042	-0.105	0.021	0.190	0.395
LPC(19:0) [sn1] (b)	0.106	0.034	0.177	0.004	0.102	0.037	-0.027	0.101	0.254	0.492	0.022	-0.030	0.074	0.399	0.691	-0.013	-0.079	0.054	0.705	0.840
PE(O-18:0/20:4)	-0.098	-0.165	-0.031	0.004	0.102	-0.017	-0.078	0.044	0.581	0.765	0.049	0.004	0.095	0.035	0.210	-0.002	-0.065	0.061	0.947	0.973
LPE(18:2) [sn1]	0.100	0.032	0.169	0.004	0.102	0.079	0.018	0.141	0.012	0.107	-0.038	-0.085	0.009	0.112	0.381	-0.038	-0.103	0.027	0.250	0.461
SM(d18:0/22:0)	-0.104	-0.177	-0.031	0.005	0.109	-0.051	-0.116	0.013	0.119	0.346	0.076	0.027	0.125	0.002	0.038	0.056	-0.011	0.124	0.102	0.287
LPC(18:3) (a) [sn1] [104_sn1]	0.095	0.029	0.162	0.005	0.109	0.077	0.017	0.136	0.011	0.106	-0.015	-0.060	0.029	0.494	0.749	-0.024	-0.086	0.038	0.446	0.661
LPC(17:1) (a) [sn1] [104_sn1]	0.097	0.029	0.165	0.005	0.109	0.082	0.021	0.143	0.008	0.096	-0.025	-0.074	0.024	0.323	0.635	-0.099	-0.162	-0.036	0.002	0.041
LPC(17:1) [sn1] (a) & LPC(17:1) [sn2] (b)	0.097	0.029	0.165	0.005	0.109	0.065	0.005	0.126	0.035	0.196	-0.028	-0.074	0.017	0.223	0.534	-0.082	-0.144	-0.019	0.011	0.089
LPC(P-18:1)	0.097	0.028	0.166	0.006	0.114	0.069	0.008	0.129	0.027	0.175	-0.022	-0.079	0.035	0.458	0.730	-0.097	-0.159	-0.034	0.003	0.042
TG(50:3) [NL-14:0]	0.121	0.035	0.207	0.006	0.114	0.107	0.024	0.190	0.011	0.106	-0.079	-0.143	-0.015	0.016	0.137	-0.083	-0.168	0.002	0.056	0.218
TG(54:6) [NL-22:6]	-0.101	-0.173	-0.029	0.006	0.114	-0.086	-0.151	-0.021	0.009	0.099	0.022	-0.026	0.071	0.372	0.673	0.020	-0.048	0.088	0.563	0.750
LPC(19:0) [sn1] (a) & LPC(19:0) [sn2] (b)	0.100	0.028	0.171	0.007	0.119	0.018	-0.047	0.082	0.592	0.773	0.024	-0.025	0.074	0.336	0.646	-0.002	-0.068	0.064	0.950	0.973
TG(56:7) [NL-22:6]	-0.097	-0.167	-0.027	0.007	0.119	-0.093	-0.155	-0.031	0.003	0.060	0.046	-0.001	0.093	0.053	0.259	0.021	-0.044	0.087	0.517	0.717
GM3(d18:1/24:1)	0.104	0.029	0.178	0.007	0.120	0.015	-0.052	0.081	0.670	0.826	-0.034	-0.087	0.020	0.214	0.524	-0.143	-0.214	-0.073	0.000	0.011
LPC(O-18:1)	0.089	0.025	0.154	0.007	0.121	0.044	-0.016	0.103	0.153	0.385	0.011	-0.042	0.065	0.673	0.858	-0.079	-0.140	-0.017	0.013	0.096
PE(P-15:0/22:6) (b)	-0.095	-0.164	-0.026	0.007	0.123	-0.107	-0.168	-0.046	0.001	0.026	0.065	0.019	0.111	0.005	0.065	0.040	-0.024	0.103	0.220	0.427
LPC(22:5) [sn1] (n3) & LPC(22:5) [sn2] (n6)	0.093	0.025	0.161	0.008	0.126	0.090	0.030	0.151	0.003	0.060	-0.060	-0.107	-0.013	0.012	0.114	-0.046	-0.109	0.017	0.151	0.358
SM(44:1)	-0.105	-0.182	-0.027	0.008	0.129	-0.062	-0.131	0.007	0.078	0.289	0.101	0.050	0.152	0.000	0.004	0.113	0.041	0.185	0.002	0.041
PE(P-19:0/20:4) (a)	-0.091	-0.158	-0.024	0.008	0.129	-0.051	-0.111	0.008	0.092	0.310	0.040	-0.004	0.085	0.078	0.317	0.015	-0.047	0.076	0.641	0.810
LPC(18:3) [sn1] (b)	0.091	0.023	0.158	0.009	0.135	0.079	0.019	0.139	0.010	0.100	-0.015	-0.060	0.029	0.503	0.757	-0.029	-0.092	0.034	0.374	0.603
Cer(d17:1/24:1)	0.095	0.024	0.167	0.009	0.139	0.051	-0.014	0.115	0.124	0.353	-0.025	-0.073	0.023	0.305	0.622	-0.079	-0.145	-0.013	0.020	0.128
SM(d18:1/24:0)	-0.112	-0.196	-0.027	0.009	0.139	-0.049	-0.125	0.026	0.201	0.443	0.120	0.064	0.176	0.000	0.001	0.126	0.047	0.204	0.002	0.041
LPC(P-18:0)	0.091	0.022	0.160	0.009	0.139	0.038	-0.023	0.100	0.222	0.465	-0.019	-0.071	0.033	0.476	0.737	-0.070	-0.135	-0.006	0.031	0.162
Cer(d18:1/24:1)	0.095	0.022	0.167	0.011	0.150	0.034	-0.032	0.101	0.308	0.541	-0.044	-0.094	0.007	0.090	0.340	-0.138	-0.207	-0.070	0.000	0.011
LPC(O-20:0)	0.089	0.021	0.157	0.011	0.150	0.049	-0.013	0.111	0.120	0.346	-0.028	-0.077	0.021	0.268	0.588	-0.085	-0.150	-0.021	0.009	0.087
DE(20:5)	-0.101	-0.179	-0.023	0.011	0.152	-0.125	-0.195	-0.056	0.000	0.021	0.057	0.006	0.108	0.029	0.192	0.078	0.006	0.149	0.033	0.169
LPE(16:0) [sn2]	0.095	0.022	0.168	0.011	0.152	0.042	-0.024	0.108	0.215	0.456	-0.046	-0.098	0.006	0.081	0.324	-0.073	-0.142	-0.004	0.039	0.184
DE(22:6)	-0.103	-0.183	-0.023	0.012	0.156	-0.108	-0.176	-0.040	0.002	0.042	0.057	0.006	0.107	0.028	0.185	0.061	-0.010	0.132	0.090	0.277
PE(P-20:1/22:6)	-0.087	-0.155	-0.019	0.012	0.158	-0.101	-0.161	-0.041	0.001	0.034	0.046	0.001	0.091	0.047	0.243	0.032	-0.030	0.095	0.311	0.536

PC(18:2_18:2)	0.100	0.020	0.181	0.014	0.159	0.036	-0.034	0.106	0.316	0.547	0.049	-0.003	0.101	0.064	0.286	0.043	-0.031	0.116	0.252	0.461
LPC(22:5) (n3) [sn1] [104_sn1]	0.085	0.017	0.152	0.014	0.159	0.072	0.012	0.132	0.019	0.141	-0.059	-0.104	-0.013	0.012	0.114	-0.030	-0.093	0.033	0.346	0.572
LPC(20:2) [sn2]	0.089	0.018	0.159	0.014	0.159	0.029	-0.034	0.092	0.370	0.583	0.013	-0.036	0.061	0.605	0.817	0.010	-0.056	0.076	0.777	0.878
LPC(16:1) [sn2]	0.092	0.019	0.165	0.013	0.159	0.098	0.034	0.161	0.003	0.055	-0.065	-0.116	-0.015	0.010	0.107	-0.105	-0.172	-0.038	0.002	0.041
LPC(P-16:0)	0.085	0.017	0.152	0.014	0.159	0.038	-0.022	0.098	0.215	0.456	0.004	-0.046	0.054	0.881	0.953	-0.057	-0.119	0.006	0.074	0.259
LPC(17:1) [sn2] (a)	0.087	0.018	0.155	0.013	0.159	0.062	0.001	0.123	0.045	0.222	-0.022	-0.068	0.025	0.360	0.668	-0.067	-0.130	-0.004	0.036	0.178
PE(P-19:0/20:4) (b)	-0.086	-0.154	-0.018	0.013	0.159	-0.060	-0.120	0.000	0.050	0.237	0.050	0.006	0.095	0.028	0.185	0.037	-0.025	0.099	0.242	0.453
LPE(20:4) [sn1]	0.089	0.018	0.160	0.014	0.159	0.086	0.023	0.149	0.008	0.095	-0.062	-0.109	-0.015	0.009	0.100	-0.098	-0.164	-0.032	0.004	0.051
TG(O-54:2) [NL-18:1]	-0.090	-0.162	-0.018	0.014	0.159	-0.044	-0.108	0.021	0.182	0.425	0.118	0.067	0.169	0.000	0.000	0.023	-0.044	0.091	0.493	0.696
LPC(18:2) [+OH]	0.085	0.018	0.152	0.013	0.159	0.040	-0.020	0.100	0.188	0.426	0.003	-0.042	0.048	0.882	0.953	0.001	-0.061	0.063	0.968	0.980
PE(P-18:0/22:6)	-0.090	-0.162	-0.018	0.015	0.162	-0.130	-0.194	-0.065	0.000	0.016	0.091	0.043	0.139	0.000	0.006	0.049	-0.018	0.115	0.150	0.358
PE(P-15:0/20:4) (b)	-0.084	-0.151	-0.016	0.015	0.162	-0.014	-0.074	0.045	0.635	0.795	0.054	0.010	0.098	0.016	0.137	0.044	-0.017	0.105	0.157	0.361
LPC(O-18:0)	0.082	0.015	0.149	0.016	0.167	0.060	-0.001	0.122	0.053	0.244	-0.038	-0.091	0.015	0.164	0.457	-0.106	-0.170	-0.042	0.001	0.029
LPC(20:0) [sn1]	0.089	0.016	0.161	0.016	0.167	-0.003	-0.068	0.062	0.929	0.968	0.024	-0.024	0.073	0.328	0.641	0.008	-0.059	0.075	0.816	0.906
LPC(20:1) [sn2]	0.083	0.015	0.150	0.016	0.167	0.016	-0.045	0.077	0.605	0.778	0.019	-0.029	0.067	0.439	0.718	-0.010	-0.073	0.054	0.767	0.874
TG(54:6) [NL-18:3]	0.090	0.017	0.164	0.016	0.167	0.038	-0.030	0.106	0.270	0.506	-0.008	-0.060	0.044	0.763	0.900	-0.047	-0.117	0.024	0.192	0.397
LPE(16:0) [sn1]	0.090	0.016	0.163	0.017	0.169	0.038	-0.028	0.104	0.256	0.492	-0.052	-0.103	-0.001	0.047	0.243	-0.077	-0.146	-0.008	0.029	0.154
LPC(O-16:0)	0.080	0.014	0.146	0.017	0.170	0.043	-0.017	0.103	0.161	0.397	-0.010	-0.061	0.040	0.682	0.864	-0.088	-0.150	-0.025	0.006	0.065
dhCer(d18:0/20:0)	-0.085	-0.155	-0.014	0.018	0.177	-0.028	-0.090	0.034	0.375	0.585	0.017	-0.029	0.064	0.462	0.730	0.006	-0.059	0.070	0.866	0.928
PC(17:1_18:2)	0.096	0.016	0.175	0.018	0.177	0.104	0.033	0.175	0.004	0.064	-0.011	-0.067	0.045	0.699	0.875	-0.108	-0.181	-0.034	0.004	0.056
PE(P-18:0/20:4)	-0.082	-0.150	-0.014	0.018	0.177	-0.041	-0.101	0.019	0.184	0.425	0.054	0.008	0.100	0.021	0.158	-0.014	-0.076	0.049	0.669	0.823
Hex2Cer(d16:1/24:1)	0.084	0.014	0.154	0.019	0.183	0.036	-0.026	0.097	0.257	0.492	-0.014	-0.059	0.031	0.540	0.779	-0.047	-0.112	0.017	0.151	0.358
PC(O-18:1/18:2)	0.092	0.015	0.170	0.020	0.186	0.046	-0.023	0.115	0.189	0.426	0.044	-0.009	0.096	0.106	0.368	-0.014	-0.085	0.058	0.711	0.841
DG(16:0_22:6)	-0.091	-0.168	-0.014	0.021	0.192	-0.111	-0.179	-0.043	0.001	0.037	0.028	-0.022	0.078	0.276	0.596	0.009	-0.062	0.079	0.812	0.902
LPC(P-17:0) (a)	0.079	0.012	0.146	0.022	0.195	0.054	-0.006	0.114	0.075	0.286	-0.004	-0.052	0.043	0.865	0.946	-0.066	-0.128	-0.004	0.038	0.182
TG(O-54:2) [NL-17:1]	-0.080	-0.147	-0.012	0.021	0.195	-0.037	-0.098	0.024	0.231	0.475	0.132	0.086	0.179	0.000	0.000	0.014	-0.050	0.077	0.674	0.824
LPC(O-24:0)	0.084	0.012	0.157	0.022	0.198	0.019	-0.045	0.084	0.557	0.744	-0.031	-0.079	0.016	0.199	0.502	-0.095	-0.162	-0.029	0.005	0.063
Cer(d16:1/24:1)	0.086	0.012	0.159	0.023	0.199	0.047	-0.019	0.113	0.159	0.395	-0.038	-0.087	0.011	0.132	0.412	-0.091	-0.159	-0.023	0.008	0.082
HexCer(d18:2/22:0)	0.084	0.010	0.158	0.025	0.207	0.023	-0.042	0.088	0.494	0.686	-0.001	-0.050	0.047	0.966	0.985	0.008	-0.059	0.076	0.811	0.902
HexCer(d18:2/24:0)	0.087	0.011	0.162	0.024	0.207	0.005	-0.061	0.071	0.889	0.954	-0.006	-0.054	0.043	0.820	0.925	0.003	-0.064	0.071	0.926	0.960
LPC(P-17:0) (b)	0.077	0.010	0.144	0.025	0.207	0.030	-0.030	0.090	0.325	0.559	0.010	-0.039	0.058	0.689	0.868	-0.062	-0.124	0.000	0.052	0.207
LPC(22:1) [sn1]	0.079	0.010	0.148	0.025	0.207	-0.027	-0.090	0.036	0.397	0.606	-0.005	-0.053	0.042	0.823	0.925	-0.049	-0.114	0.016	0.136	0.338
TG(54:1) [NL-18:1]	-0.102	-0.191	-0.014	0.024	0.207	-0.023	-0.102	0.055	0.557	0.744	0.018	-0.042	0.078	0.552	0.783	-0.020	-0.104	0.064	0.641	0.810
TG(50:3) [NL-18:2]	0.109	0.014	0.204	0.025	0.207	0.134	0.045	0.223	0.003	0.060	-0.120	-0.190	-0.050	0.001	0.019	-0.160	-0.252	-0.067	0.001	0.027
TG(52:1) [NL-18:0]	-0.107	-0.201	-0.014	0.025	0.207	-0.049	-0.133	0.035	0.254	0.492	-0.017	-0.081	0.047	0.609	0.819	-0.037	-0.127	0.053	0.419	0.640
LPC(16:0) [sn2]	0.082	0.010	0.155	0.026	0.212	0.038	-0.027	0.103	0.253	0.492	-0.039	-0.090	0.013	0.142	0.426	-0.063	-0.131	0.005	0.068	0.249
LPC(22:6) [+OH]	0.073	0.008	0.137	0.027	0.215	-0.015	-0.072	0.043	0.617	0.783	0.019	-0.023	0.061	0.383	0.678	0.042	-0.017	0.101	0.159	0.363
LPC(20:0) [sn2]	0.081	0.009	0.154	0.027	0.215	-0.008	-0.073	0.056	0.801	0.912	0.023	-0.024	0.071	0.335	0.646	0.040	-0.026	0.107	0.234	0.444
PE(O-18:1/22:6)	-0.080	-0.151	-0.009	0.028	0.220	-0.121	-0.184	-0.057	0.000	0.016	0.101	0.053	0.148	0.000	0.002	0.050	-0.016	0.116	0.139	0.342
PE(18:0_22:6)	-0.094	-0.178	-0.010	0.029	0.222	-0.131	-0.206	-0.056	0.001	0.026	0.028	-0.029	0.084	0.334	0.646	0.027	-0.050	0.105	0.492	0.696
PE(O-16:0/22:6)	-0.080	-0.151	-0.008	0.029	0.222	-0.116	-0.179	-0.052	0.000	0.021	0.075	0.027	0.123	0.002	0.036	0.012	-0.054	0.078	0.718	0.845
GM1(d18:1/16:0)	0.079	0.007	0.150	0.030	0.226	0.003	-0.059	0.065	0.921	0.964	-0.056	-0.103	-0.009	0.020	0.158	-0.085	-0.151	-0.020	0.011	0.089
LPC(17:0) [sn1]	0.075	0.007	0.142	0.030	0.226	0.015	-0.045	0.076	0.621	0.783	0.009	-0.039	0.058	0.704	0.875	-0.053	-0.116	0.010	0.100	0.284
DG(18:1_22:6)	-0.081	-0.155	-0.008	0.030	0.226	-0.122	-0.186	-0.058	0.000	0.016	0.049	0.001	0.096	0.047	0.243	0.024	-0.043	0.092	0.478	0.689
TG(50:4) [NL-14:0]	0.099	0.009	0.190	0.031	0.226	0.076	-0.009	0.160	0.078	0.289	-0.066	-0.131	-0.001	0.045	0.243	-0.099	-0.186	-0.012	0.027	0.152
Cer(d18:2/22:0)	0.082	0.007	0.156	0.032	0.231	0.065	-0.002	0.132	0.056	0.254	-0.027	-0.078	0.024	0.304	0.620	-0.034	-0.103	0.035	0.338	0.568
TG(52:1) [NL-18:1]	-0.104	-0.198	-0.009	0.032	0.231	-0.032	-0.117	0.053	0.463	0.661	-0.006	-0.071	0.060	0.862	0.946	-0.035	-0.125	0.056	0.455	0.668
AC(18:3)	0.071	0.006	0.135	0.033	0.232	0.041	-0.017	0.099	0.165	0.399	-0.027	-0.070	0.016	0.221	0.534	-0.029	-0.090	0.031	0.342	0.569
PE(P-18:0/20:5)	-0.078	-0.150	-0.006	0.033	0.235	-0.097	-0.162	-0.032	0.004	0.060	0.035	-0.013	0.083	0.156	0.446	0.058	-0.008	0.124	0.087	0.273
Hex2Cer(d18:1/24:1)	0.083	0.006	0.161	0.034	0.237	0.014	-0.055	0.082	0.695	0.842	-0.014	-0.065	0.036	0.581	0.808	-0.013	-0.085	0.059	0.730	0.856
LPC(22:5) [sn2] (n3)	0.075	0.005	0.145	0.035	0.237	0.059	-0.003	0.120	0.064	0.268	-0.060	-0.107	-0.013	0.012	0.114	-0.050	-0.115	0.014	0.128	0.329
LPC(15-MHDA) [sn1] [104_sn1]	0.072	0.005	0.140	0.035	0.237	0.045	-0.016	0.105	0.147	0.381	-0.006	-0.054	0.041	0.792	0.913	-0.066	-0.129	-0.004	0.037	0.182
LPE(20:4) [sn2]	0.077	0.005	0.148	0.035	0.237	0.079	0.016	0.142	0.014	0.116	-0.057	-0.105	-0.010	0.018	0.150	-0.104	-0.170	-0.038	0.002	0.041
DG(16:0_16:0)	-0.109	-0.210	-0.008	0.034	0.237	-0.026	-0.116	0.064	0.566	0.750	-0.014	-0.082	0.055	0.693	0.871	-0.073	-0.167	0.021	0.127	0.328
TG(54:0) [NL-18:0]	-0.084	-0.162	-0.006	0.035	0.237	0.007	-0.063	0.077	0.843	0.937	-0.001	-0.054	0.053	0.981	0.992	-0.051	-0.125	0.023	0.176	0.381
LPC(15-MHDA) [sn2]	0.072	0.005	0.139	0.036	0.239	0.026	-0.034	0.086	0.390	0.599	-0.009	-0.054	0.037	0.703	0.875	-0.048	-0.110	0.014	0.128	0.329
AC(18:2)	0.070	0.005	0.135	0.036	0.239	0.048	-0.010	0.107	0.106	0.330	-0.043	-0.087	0.001	0.055	0.264	-0.043	-0.104	0.018	0.166	0.371
LPC(22:1) [sn2]	0.075	0.005	0.145	0.037	0.241	-0.042	-0.105	0.021	0.187	0.426	0.003	-0.044	0.050	0.908	0.962	-0.046	-0.111	0.019	0.169	0.372
PE(P-17:0/22:6) (b)	-0.074	-0.145	-0.004	0.039	0.250	-0.102	-0.164	-0.040	0.001	0.036	0.081	0.035	0.127	0.001	0.013	0.049	-0.015	0.113	0.133	0.334
HexCer(d18:1/24:0)	0.081	0.004	0.159	0.039	0.251	-0.028	-0.095	0.039	0.411	0.617	0.003	-0.047	0.053	0.915	0.964	0.019	-0.051	0.088	0.600	0.785
dhCer(d18:0/22:0)	-0.082	-0.161	-0.003	0.042	0.251	-0.022	-0.091	0.047	0.527	0.718	0.048	-0.004	0.099	0.072	0.302	0.033	-0.039	0.106	0.368	0.597

SM(d18:1/18:0) & SM(d16:1/20:0)	-0.085	-0.166	-0.004	0.040	0.251	-0.012	-0.084	0.059	0.740	0.871	0.015	-0.041	0.070	0.603	0.815	-0.044	-0.119	0.032	0.261	0.471
PC(18:1_18:2)	0.084	0.003	0.165	0.043	0.251	0.040	-0.033	0.113	0.280	0.515	0.028	-0.029	0.084	0.340	0.648	-0.008	-0.083	0.067	0.832	0.911
PE(P-16:0/22:6)	-0.076	-0.149	-0.003	0.042	0.251	-0.125	-0.190	-0.061	0.000	0.016	0.089	0.041	0.136	0.000	0.008	0.034	-0.033	0.100	0.325	0.551
PE(P-15:0/22:6) (a)	-0.068	-0.133	-0.003	0.040	0.251	-0.064	-0.122	-0.006	0.031	0.188	0.051	0.008	0.095	0.021	0.158	0.075	0.014	0.135	0.015	0.110
LPE(22:6) [sn1]	0.075	0.003	0.148	0.042	0.251	-0.040	-0.105	0.025	0.225	0.469	-0.004	-0.053	0.044	0.859	0.945	0.004	-0.063	0.071	0.898	0.948
PE(P-16:0/20:4)	-0.070	-0.138	-0.002	0.043	0.251	-0.051	-0.111	0.009	0.094	0.310	0.073	0.028	0.118	0.002	0.027	0.010	-0.052	0.073	0.742	0.863
deDE(18:2)	0.078	0.002	0.154	0.043	0.251	0.053	-0.013	0.119	0.115	0.344	-0.141	-0.189	-0.093	0.000	0.000	-0.115	-0.183	-0.046	0.001	0.028
TG(58:8) [NL-22:6]	-0.069	-0.136	-0.003	0.041	0.251	-0.093	-0.153	-0.034	0.002	0.044	0.059	0.015	0.104	0.009	0.100	0.021	-0.041	0.083	0.499	0.701
TG(48:3) [NL-14:0]	0.102	0.004	0.199	0.042	0.251	0.129	0.038	0.220	0.005	0.077	-0.109	-0.177	-0.040	0.002	0.034	-0.162	-0.255	-0.069	0.001	0.027
TG(56:8) [NL-22:6]	-0.075	-0.147	-0.003	0.042	0.251	-0.086	-0.150	-0.022	0.008	0.096	0.040	-0.008	0.088	0.099	0.359	0.018	-0.049	0.084	0.607	0.789
TG(50:0) [NL-18:0]	-0.086	-0.169	-0.003	0.043	0.251	-0.028	-0.104	0.048	0.469	0.664	-0.018	-0.076	0.039	0.528	0.773	-0.023	-0.103	0.057	0.575	0.758
LPC(P-20:0)	0.070	0.002	0.139	0.044	0.254	0.033	-0.029	0.095	0.294	0.528	-0.023	-0.071	0.026	0.362	0.669	-0.083	-0.147	-0.019	0.011	0.090
LPC(22:0) [sn2]	0.072	0.002	0.143	0.045	0.255	-0.003	-0.067	0.060	0.914	0.964	0.026	-0.021	0.073	0.276	0.596	0.042	-0.023	0.107	0.201	0.407
SM(43:1)	-0.075	-0.149	-0.001	0.046	0.257	-0.025	-0.091	0.041	0.457	0.656	0.102	0.052	0.151	0.000	0.002	0.061	-0.009	0.130	0.087	0.273
LPC(16:0) [sn1]	0.074	0.001	0.146	0.046	0.257	0.034	-0.030	0.099	0.296	0.528	-0.019	-0.075	0.037	0.504	0.757	-0.066	-0.133	0.001	0.055	0.213
PE(O-38:5) (a)	-0.070	-0.140	-0.001	0.046	0.257	-0.014	-0.076	0.048	0.658	0.815	0.045	-0.002	0.092	0.062	0.284	0.006	-0.058	0.071	0.849	0.916
PE(P-18:0/18:1)	-0.072	-0.143	-0.001	0.046	0.258	-0.062	-0.125	0.001	0.055	0.253	0.095	0.048	0.143	0.000	0.003	0.059	-0.006	0.124	0.075	0.259
SM(d18:1/22:0) & SM(d16:1/24:0)	-0.091	-0.180	-0.001	0.047	0.259	-0.019	-0.098	0.060	0.641	0.799	0.095	0.034	0.156	0.002	0.038	0.035	-0.050	0.119	0.422	0.642
HexCer(d16:1/22:0)	0.070	0.001	0.139	0.048	0.260	0.068	0.007	0.128	0.029	0.182	-0.017	-0.062	0.029	0.471	0.737	-0.004	-0.068	0.059	0.891	0.944
LPC(15-MHDA) [sn1] & LPC(17:0) [sn2]	0.068	0.000	0.136	0.049	0.260	0.034	-0.027	0.094	0.274	0.509	-0.004	-0.052	0.045	0.879	0.953	-0.052	-0.115	0.011	0.103	0.287
LPC(O-22:0)	0.071	0.000	0.142	0.049	0.260	0.026	-0.037	0.090	0.416	0.620	-0.007	-0.056	0.042	0.783	0.910	-0.079	-0.144	-0.013	0.019	0.125
LPC(20:3) [sn1]	0.071	0.000	0.142	0.049	0.260	0.078	0.016	0.140	0.014	0.116	0.024	-0.025	0.073	0.343	0.650	-0.008	-0.073	0.057	0.806	0.899
TG(52:4) [NL-16:1]	0.073	0.000	0.145	0.049	0.260	0.070	0.003	0.137	0.041	0.215	-0.045	-0.103	0.012	0.122	0.393	-0.083	-0.152	-0.013	0.020	0.128
TG(O-52:1) [NL-18:1]	-0.071	-0.142	0.000	0.050	0.262	-0.043	-0.107	0.022	0.194	0.429	0.106	0.057	0.155	0.000	0.001	0.004	-0.062	0.071	0.901	0.948
Cer(d18:2/21:0)	0.074	0.000	0.148	0.051	0.264	0.080	0.015	0.144	0.016	0.131	-0.034	-0.083	0.014	0.167	0.458	-0.094	-0.161	-0.028	0.005	0.065
PC(O-18:1/18:1)	0.089	0.000	0.178	0.051	0.264	0.034	-0.045	0.113	0.394	0.602	0.050	-0.012	0.111	0.111	0.381	-0.033	-0.114	0.048	0.427	0.644
SHexCer(d18:1/24:0(OH))	0.073	-0.001	0.147	0.053	0.264	-0.015	-0.081	0.051	0.655	0.812	0.009	-0.040	0.057	0.721	0.887	-0.011	-0.079	0.057	0.751	0.870
PC(O-34:4)	-0.068	-0.137	0.001	0.053	0.264	-0.021	-0.083	0.040	0.500	0.693	0.021	-0.025	0.067	0.367	0.672	-0.034	-0.098	0.029	0.291	0.510
LPC(22:0) [sn1]	0.071	-0.001	0.142	0.052	0.264	0.000	-0.064	0.063	0.992	0.994	0.021	-0.027	0.069	0.385	0.678	0.024	-0.041	0.089	0.471	0.685
PE(P-18:0/20:3) (b)	-0.070	-0.140	0.001	0.052	0.264	-0.010	-0.072	0.051	0.741	0.871	0.047	0.000	0.095	0.051	0.256	-0.016	-0.080	0.049	0.629	0.806
TG(54:7) [NL-22:6]	-0.077	-0.154	0.000	0.051	0.264	-0.070	-0.138	-0.001	0.047	0.225	0.016	-0.035	0.067	0.541	0.779	-0.017	-0.089	0.054	0.632	0.806
TG(48:3) [NL-16:1]	0.096	-0.001	0.193	0.052	0.264	0.153	0.066	0.240	0.001	0.026	-0.127	-0.195	-0.059	0.000	0.008	-0.185	-0.275	-0.095	0.000	0.011
Hex2Cer(d18:1/22:0)	0.077	-0.001	0.155	0.054	0.266	0.072	0.003	0.142	0.042	0.215	-0.011	-0.062	0.041	0.687	0.868	-0.048	-0.120	0.025	0.198	0.403
LPC(26:0) [sn1]	0.083	-0.001	0.168	0.054	0.266	0.002	-0.073	0.076	0.961	0.980	-0.003	-0.057	0.051	0.913	0.964	-0.024	-0.100	0.051	0.526	0.725
Hex2Cer(d16:1/16:0)	0.066	-0.002	0.133	0.055	0.271	0.051	-0.009	0.111	0.093	0.310	-0.038	-0.082	0.006	0.093	0.346	-0.044	-0.106	0.018	0.166	0.371
PI(18:0_22:5) (n6)	-0.066	-0.134	0.002	0.056	0.272	0.015	-0.045	0.076	0.619	0.783	0.024	-0.020	0.069	0.285	0.602	-0.033	-0.096	0.029	0.299	0.519
AC(20:3) (a)	0.064	-0.002	0.129	0.056	0.272	0.044	-0.014	0.103	0.138	0.372	-0.005	-0.048	0.038	0.820	0.925	-0.006	-0.067	0.054	0.833	0.911
HexCer(d18:1/16:0)	0.067	-0.002	0.136	0.057	0.274	-0.006	-0.067	0.055	0.849	0.938	-0.009	-0.055	0.037	0.689	0.868	-0.031	-0.095	0.033	0.348	0.574
TG(O-52:1) [NL-16:0]	-0.071	-0.144	0.002	0.057	0.274	-0.032	-0.097	0.034	0.347	0.575	0.084	0.032	0.136	0.001	0.027	-0.010	-0.079	0.059	0.784	0.884
DG(18:0_18:1)	-0.114	-0.233	0.004	0.059	0.278	-0.103	-0.203	-0.003	0.044	0.218	0.000	-0.078	0.079	0.990	0.994	-0.075	-0.181	0.031	0.164	0.371
LPI(18:1) [sn1]	-0.064	-0.131	0.003	0.060	0.282	-0.002	-0.060	0.057	0.956	0.980	0.034	-0.011	0.080	0.135	0.417	-0.008	-0.070	0.053	0.794	0.891
PE(P-17:0/20:4) (b)	-0.064	-0.131	0.003	0.060	0.282	-0.036	-0.095	0.023	0.235	0.480	0.062	0.017	0.107	0.006	0.078	-0.001	-0.063	0.060	0.963	0.977
LPE(18:0) [sn1]	0.075	-0.003	0.153	0.061	0.282	0.018	-0.051	0.088	0.607	0.778	-0.041	-0.096	0.014	0.141	0.424	-0.080	-0.153	-0.008	0.030	0.159
Hex2Cer(d18:2/16:0)	0.067	-0.005	0.139	0.067	0.311	0.029	-0.034	0.093	0.363	0.580	-0.026	-0.073	0.021	0.282	0.601	-0.051	-0.117	0.015	0.132	0.333
PE(O-36:5)	-0.065	-0.135	0.005	0.068	0.311	-0.078	-0.141	-0.015	0.015	0.121	0.021	-0.026	0.067	0.386	0.678	0.036	-0.029	0.100	0.278	0.489
PC(O-34:1)	0.081	-0.007	0.169	0.070	0.317	0.043	-0.036	0.122	0.283	0.518	0.026	-0.036	0.089	0.405	0.695	-0.045	-0.127	0.036	0.274	0.483
PE(O-16:0/20:4)	-0.064	-0.133	0.005	0.070	0.317	-0.033	-0.094	0.028	0.290	0.525	0.044	-0.002	0.091	0.058	0.270	-0.019	-0.083	0.044	0.549	0.739
TG(50:2) [NL-14:0]	0.069	-0.006	0.144	0.070	0.317	0.048	-0.023	0.120	0.185	0.426	-0.029	-0.084	0.025	0.294	0.616	-0.035	-0.109	0.038	0.346	0.572
TG(50:4) [NL-18:3]	0.090	-0.008	0.187	0.071	0.317	0.122	0.033	0.212	0.007	0.093	-0.083	-0.152	-0.014	0.019	0.151	-0.147	-0.240	-0.054	0.002	0.041
HexCer(d18:1/22:0)	0.069	-0.006	0.145	0.073	0.322	0.017	-0.049	0.084	0.605	0.778	0.018	-0.032	0.068	0.476	0.737	-0.016	-0.085	0.054	0.655	0.816
PE(P-16:0/20:5)	-0.064	-0.135	0.006	0.072	0.322	-0.091	-0.155	-0.028	0.005	0.073	0.042	-0.005	0.089	0.080	0.322	0.056	-0.009	0.120	0.093	0.278
TG(O-52:2) [NL-17:1]	-0.065	-0.137	0.006	0.074	0.326	-0.068	-0.132	-0.003	0.040	0.210	0.138	0.089	0.187	0.000	0.000	0.068	0.000	0.135	0.050	0.204
LPE(18:0) [sn2]	0.070	-0.007	0.148	0.076	0.327	0.009	-0.060	0.078	0.793	0.907	-0.034	-0.088	0.020	0.214	0.524	-0.063	-0.135	0.010	0.089	0.275
PE(P-16:0/20:3) (b)	-0.063	-0.133	0.006	0.075	0.327	-0.003	-0.065	0.059	0.923	0.964	0.057	0.011	0.104	0.016	0.137	-0.005	-0.068	0.059	0.883	0.937
AC(15:0) (a)	-0.060	-0.127	0.006	0.076	0.327	-0.029	-0.089	0.031	0.343	0.572	0.008	-0.036	0.051	0.730	0.887	-0.020	-0.081	0.041	0.525	0.725
TG(54:5) [NL-18:3]	0.066	-0.007	0.138	0.076	0.327	0.046	-0.022	0.114	0.181	0.425	0.002	-0.053	0.057	0.943	0.973	-0.031	-0.102	0.039	0.383	0.610
PC(18:1_22:6) (a)	0.063	-0.007	0.133	0.077	0.329	-0.023	-0.086	0.039	0.464	0.661	0.029	-0.019	0.077	0.233	0.546	0.008	-0.057	0.073	0.805	0.899
GM3(d18:1/18:0)	-0.068	-0.144	0.008	0.080	0.331	-0.029	-0.096	0.038	0.392	0.600	0.002	-0.050	0.054	0.930	0.969	-0.042	-0.113	0.029	0.246	0.457
PE(P-18:0/22:5) (n6)	-0.062	-0.131	0.007	0.079	0.331	0.032	-0.030	0.094	0.306	0.541	0.025	-0.022	0.072	0.297	0.616	-0.039	-0.103	0.025	0.233	0.444
AC(13:0)	-0.061	-0.128	0.007	0.080	0.331	-0.069	-0.129	-0.009	0.025	0.169	0.040	-0.004	0.085	0.077	0.317	0.006	-0.056	0.068	0.853	0.918
TG(54:2) [NL-20:1]	-0.089	-0.187	0.010	0.079	0.331	-0.008	-0.096	0.080	0.853	0.939	0.055	-0.013	0.123	0.111	0.381	-0.018	-0.111	0.074	0.699	0.840

DG(18:1_18:3)	0.090	-0.010	0.191	0.078	0.331	0.017	-0.072	0.106	0.709	0.853	-0.027	-0.095	0.040	0.426	0.713	-0.085	-0.177	0.007	0.070	0.250
PE(P-18:1/20:5) (a)	-0.063	-0.135	0.008	0.082	0.335	-0.108	-0.173	-0.043	0.001	0.034	0.052	0.004	0.100	0.034	0.209	0.078	0.011	0.144	0.022	0.134
TG(O-54:3) [NL-17:1]	-0.061	-0.130	0.008	0.081	0.335	-0.044	-0.106	0.017	0.156	0.392	0.114	0.066	0.162	0.000	0.000	0.010	-0.055	0.074	0.771	0.875
CE(24:1)	0.075	-0.010	0.160	0.082	0.337	-0.006	-0.079	0.067	0.875	0.946	-0.009	-0.063	0.045	0.742	0.892	-0.107	-0.184	-0.030	0.007	0.073
S1P(d18:1)	0.057	-0.008	0.122	0.086	0.338	0.055	-0.003	0.113	0.064	0.268	-0.025	-0.071	0.021	0.292	0.612	-0.043	-0.103	0.018	0.167	0.372
HexCer(d16:1/24:0)	0.062	-0.009	0.133	0.086	0.338	0.019	-0.042	0.080	0.538	0.729	-0.031	-0.077	0.016	0.195	0.497	0.015	-0.048	0.079	0.640	0.810
HexCer(d18:1/20:0)	0.063	-0.009	0.135	0.085	0.338	0.013	-0.051	0.078	0.681	0.831	-0.013	-0.060	0.035	0.599	0.814	-0.041	-0.108	0.026	0.234	0.444
PC(16:0_18:2)	0.068	-0.009	0.145	0.085	0.338	0.060	-0.010	0.130	0.091	0.310	-0.027	-0.079	0.026	0.322	0.635	0.004	-0.068	0.077	0.907	0.948
PC(O-34:2)	0.066	-0.009	0.142	0.085	0.338	0.039	-0.028	0.105	0.253	0.492	0.018	-0.032	0.068	0.476	0.737	-0.017	-0.087	0.052	0.622	0.800
PC(P-16:0/18:3)	0.067	-0.009	0.143	0.085	0.338	0.033	-0.034	0.099	0.336	0.569	0.050	0.000	0.100	0.051	0.256	0.024	-0.045	0.094	0.494	0.696
TG(O-50:3) [NL-18:2]	0.060	-0.008	0.128	0.084	0.338	-0.028	-0.088	0.032	0.359	0.579	0.014	-0.031	0.058	0.554	0.783	-0.019	-0.081	0.043	0.538	0.729
PC(18:0_20:3)	-0.073	-0.157	0.011	0.088	0.345	0.025	-0.049	0.100	0.502	0.695	0.054	-0.004	0.111	0.067	0.294	0.045	-0.033	0.123	0.256	0.465
LPC(22:4) [sn1]	0.060	-0.009	0.129	0.089	0.345	0.117	0.056	0.179	0.000	0.016	-0.054	-0.103	-0.005	0.031	0.197	-0.085	-0.150	-0.020	0.010	0.089
TG(52:5) [NL-18:3]	0.078	-0.012	0.168	0.089	0.345	0.086	0.003	0.168	0.042	0.215	-0.046	-0.110	0.018	0.156	0.446	-0.093	-0.179	-0.008	0.033	0.168
PI(18:1_18:2)	0.061	-0.010	0.132	0.091	0.350	0.050	-0.014	0.114	0.126	0.357	0.028	-0.020	0.076	0.260	0.577	-0.012	-0.077	0.054	0.730	0.856
LPC(19:0) [sn2] (a)	0.060	-0.010	0.130	0.093	0.356	0.003	-0.059	0.066	0.915	0.964	0.028	-0.018	0.075	0.231	0.544	0.003	-0.061	0.068	0.917	0.955
methyl-DE(18:1)	-0.062	-0.134	0.010	0.093	0.356	-0.031	-0.096	0.035	0.357	0.578	0.069	0.021	0.117	0.005	0.057	0.096	0.029	0.162	0.005	0.061
PE(18:0_18:1)	-0.069	-0.149	0.012	0.095	0.357	-0.043	-0.117	0.032	0.262	0.493	0.022	-0.034	0.078	0.439	0.718	0.035	-0.042	0.112	0.376	0.604
PE(P-18:1/20:5) (b)	-0.061	-0.132	0.010	0.094	0.357	-0.022	-0.085	0.042	0.504	0.697	0.031	-0.017	0.079	0.202	0.507	0.004	-0.061	0.068	0.915	0.955
DE(16:0)	-0.055	-0.119	0.009	0.094	0.357	-0.021	-0.078	0.037	0.481	0.674	-0.024	-0.066	0.018	0.269	0.588	-0.002	-0.061	0.057	0.949	0.973
AC(14:0)-OH	-0.055	-0.120	0.010	0.097	0.363	-0.008	-0.066	0.050	0.787	0.902	-0.010	-0.054	0.033	0.641	0.837	-0.043	-0.104	0.017	0.160	0.364
AC(14:1)-OH	-0.055	-0.120	0.010	0.098	0.367	-0.005	-0.063	0.054	0.879	0.947	0.001	-0.042	0.045	0.957	0.981	-0.024	-0.085	0.037	0.441	0.657
Hex2Cer(d18:1/24:0)	0.065	-0.012	0.142	0.100	0.368	0.046	-0.022	0.114	0.188	0.426	-0.033	-0.083	0.017	0.197	0.501	-0.018	-0.088	0.053	0.627	0.805
LPE(18:1) [sn2]	0.058	-0.011	0.127	0.099	0.368	0.045	-0.016	0.107	0.150	0.384	-0.001	-0.048	0.046	0.977	0.990	-0.010	-0.075	0.055	0.765	0.874
LPE(18:1) [sn1]	0.058	-0.011	0.126	0.101	0.370	0.045	-0.017	0.107	0.152	0.385	-0.001	-0.049	0.047	0.972	0.988	-0.031	-0.095	0.034	0.351	0.576
Cer(d18:2/24:0)	0.063	-0.012	0.137	0.102	0.372	0.009	-0.058	0.076	0.793	0.907	-0.001	-0.050	0.049	0.982	0.992	0.010	-0.059	0.078	0.787	0.886
GM3(d18:1/16:0)	0.069	-0.014	0.152	0.102	0.372	0.033	-0.041	0.107	0.381	0.591	-0.031	-0.089	0.028	0.302	0.620	-0.164	-0.240	-0.087	0.000	0.011
PI(18:0_22:5) (n3)	-0.064	-0.141	0.013	0.104	0.372	-0.002	-0.070	0.067	0.959	0.980	-0.046	-0.099	0.006	0.081	0.324	-0.051	-0.123	0.020	0.159	0.363
DG(18:2_18:2)	0.067	-0.014	0.147	0.104	0.372	0.009	-0.065	0.082	0.816	0.920	-0.036	-0.093	0.020	0.209	0.517	-0.050	-0.125	0.026	0.199	0.404
TG(51:0) [NL-16:0]	-0.069	-0.153	0.014	0.104	0.372	0.008	-0.068	0.084	0.833	0.930	-0.022	-0.080	0.035	0.445	0.723	-0.029	-0.108	0.051	0.480	0.689
DG(18:2_22:6)	-0.059	-0.130	0.012	0.104	0.372	-0.093	-0.156	-0.031	0.004	0.060	0.046	-0.001	0.093	0.057	0.270	0.005	-0.060	0.071	0.874	0.931
PC(P-16:0/20:4)	-0.066	-0.145	0.014	0.108	0.383	0.007	-0.062	0.076	0.842	0.937	0.059	0.006	0.111	0.028	0.185	-0.046	-0.118	0.025	0.205	0.412
Cer(d17:1/18:0)	-0.055	-0.123	0.013	0.111	0.392	-0.019	-0.080	0.042	0.544	0.732	0.011	-0.035	0.056	0.638	0.835	-0.002	-0.065	0.062	0.958	0.977
SM(d18:2/18:0)	-0.064	-0.144	0.015	0.111	0.392	0.002	-0.067	0.071	0.953	0.980	0.004	-0.053	0.062	0.881	0.953	-0.082	-0.154	-0.010	0.026	0.152
PC(O-38:5)	0.056	-0.013	0.125	0.113	0.395	0.048	-0.014	0.111	0.127	0.357	0.046	-0.003	0.094	0.067	0.294	-0.076	-0.141	-0.012	0.020	0.128
PI(34:1)	-0.062	-0.139	0.015	0.113	0.395	0.018	-0.052	0.087	0.618	0.783	0.017	-0.035	0.069	0.527	0.773	-0.032	-0.104	0.040	0.387	0.611
PC(33:0) (b)	0.058	-0.015	0.132	0.116	0.403	0.044	-0.022	0.110	0.189	0.426	-0.007	-0.057	0.044	0.790	0.912	-0.058	-0.126	0.010	0.094	0.278
dimethyl-CE(18:2)	-0.057	-0.128	0.015	0.119	0.412	-0.042	-0.106	0.023	0.204	0.446	0.070	0.022	0.117	0.004	0.057	0.099	0.033	0.165	0.003	0.049
DG(18:0_20:4)	-0.069	-0.156	0.018	0.122	0.420	-0.054	-0.130	0.021	0.157	0.393	-0.019	-0.078	0.040	0.529	0.773	-0.067	-0.147	0.012	0.098	0.282
LPC(17:1) [sn1] (b)	0.053	-0.015	0.121	0.124	0.425	0.047	-0.013	0.107	0.123	0.351	-0.019	-0.064	0.025	0.393	0.685	-0.035	-0.097	0.027	0.272	0.482
Hex2Cer(d18:1/20:0)	0.058	-0.016	0.132	0.127	0.432	0.070	0.006	0.135	0.033	0.190	-0.036	-0.083	0.012	0.144	0.427	-0.031	-0.099	0.037	0.368	0.597
SHexCer(d18:1/24:1(OH))	0.055	-0.016	0.125	0.128	0.433	-0.021	-0.084	0.042	0.509	0.702	-0.002	-0.050	0.047	0.943	0.973	-0.059	-0.124	0.006	0.075	0.259
dhCer(d18:0/16:0)	-0.060	-0.137	0.018	0.130	0.437	-0.004	-0.071	0.063	0.905	0.960	0.035	-0.014	0.084	0.162	0.454	0.013	-0.055	0.082	0.705	0.840
GM3(d18:1/24:0)	0.063	-0.019	0.144	0.131	0.438	0.062	-0.011	0.135	0.097	0.312	-0.011	-0.065	0.042	0.678	0.860	0.000	-0.075	0.075	0.996	0.997
Cer(m18:1/23:0)	-0.063	-0.144	0.019	0.132	0.441	-0.030	-0.101	0.041	0.404	0.610	0.009	-0.044	0.062	0.743	0.892	0.007	-0.066	0.081	0.851	0.917
PC(16:0_18:3) (a)	0.068	-0.021	0.156	0.132	0.441	0.102	0.026	0.179	0.009	0.099	-0.049	-0.109	0.012	0.114	0.387	-0.100	-0.181	-0.020	0.015	0.108
PC(16:1_20:4)	0.068	-0.021	0.158	0.133	0.442	0.122	0.047	0.198	0.002	0.037	-0.074	-0.132	-0.016	0.013	0.118	-0.150	-0.230	-0.071	0.000	0.017
PC(38:5) (b)	-0.059	-0.136	0.018	0.134	0.442	0.004	-0.063	0.071	0.909	0.961	-0.036	-0.087	0.016	0.179	0.479	-0.057	-0.126	0.013	0.111	0.301
PE(P-17:0/22:6) (a)	-0.054	-0.124	0.017	0.134	0.442	-0.077	-0.140	-0.015	0.015	0.124	0.069	0.023	0.116	0.003	0.050	0.018	-0.046	0.083	0.574	0.758
Cer(d16:1/22:0)	0.057	-0.018	0.132	0.138	0.448	0.060	-0.007	0.126	0.078	0.289	-0.003	-0.052	0.046	0.908	0.962	0.010	-0.059	0.079	0.776	0.878
PE(P-15:0/20:4) (a)	-0.050	-0.115	0.016	0.137	0.448	0.007	-0.051	0.065	0.812	0.918	0.040	-0.003	0.083	0.071	0.302	0.012	-0.048	0.072	0.700	0.840
PC(16:0_18:0)	0.071	-0.023	0.164	0.139	0.452	0.037	-0.046	0.119	0.382	0.592	-0.007	-0.075	0.060	0.833	0.929	-0.131	-0.216	-0.046	0.003	0.044
PC(O-16:0/22:6)	-0.054	-0.127	0.018	0.141	0.455	-0.102	-0.166	-0.038	0.002	0.041	0.064	0.016	0.112	0.009	0.100	-0.012	-0.078	0.053	0.711	0.841
SM(d18:2/23:0)	-0.071	-0.167	0.025	0.146	0.463	0.002	-0.081	0.084	0.969	0.982	0.056	-0.007	0.119	0.079	0.320	0.054	-0.034	0.141	0.230	0.442
PC(18:0_18:1)	-0.063	-0.147	0.022	0.147	0.463	-0.007	-0.083	0.069	0.855	0.939	-0.004	-0.063	0.055	0.892	0.957	-0.024	-0.103	0.055	0.558	0.748
PC(P-16:0/22:6)	-0.058	-0.137	0.020	0.147	0.463	-0.127	-0.196	-0.059	0.000	0.019	0.084	0.033	0.136	0.001	0.026	0.040	-0.030	0.111	0.263	0.473
LPC(14:0) [sn2]	0.053	-0.018	0.124	0.146	0.463	0.048	-0.015	0.112	0.137	0.371	-0.056	-0.104	-0.008	0.022	0.160	-0.078	-0.144	-0.012	0.020	0.128
dimethyl-CE(18:1)	-0.054	-0.126	0.019	0.146	0.463	-0.057	-0.123	0.008	0.086	0.306	0.076	0.027	0.125	0.002	0.038	0.069	0.002	0.137	0.044	0.193
TG(52:4) [NL-18:3]	0.066	-0.023	0.154	0.145	0.463	0.115	0.032	0.197	0.006	0.084	-0.045	-0.112	0.021	0.184	0.482	-0.081	-0.168	0.005	0.066	0.245
HexCer(d16:1/20:0)	0.050	-0.018	0.118	0.149	0.464	0.022	-0.038	0.082	0.475	0.669	-0.024	-0.069	0.020	0.285	0.602	0.006	-0.057	0.069	0.848	0.916
PC(P-18:1/18:1)	0.071	-0.026	0.168	0.149	0.464	0.051	-0.031	0.134	0.221	0.465	0.016	-0.048	0.081	0.620	0.825	-0.072	-0.158	0.013	0.095	0.278

PC(O-16:0/16:0)	0.059	-0.022	0.141	0.152	0.468	0.062	-0.010	0.135	0.092	0.310	-0.029	-0.085	0.027	0.312	0.628	-0.081	-0.157	-0.005	0.037	0.182
PE(18:0_22:5) (n6)	-0.063	-0.150	0.023	0.151	0.468	0.058	-0.020	0.135	0.144	0.379	-0.015	-0.075	0.044	0.611	0.820	-0.073	-0.154	0.009	0.079	0.268
PE(P-17:0/20:4) (a)	-0.049	-0.116	0.018	0.152	0.468	-0.001	-0.060	0.058	0.973	0.982	0.052	0.008	0.097	0.021	0.158	-0.012	-0.074	0.050	0.702	0.840
TG(58:9) [NL-22:6]	-0.049	-0.117	0.018	0.153	0.468	-0.079	-0.139	-0.018	0.011	0.104	0.053	0.007	0.098	0.023	0.166	0.020	-0.042	0.083	0.523	0.724
TG(53:2) [NL-17:1]	-0.070	-0.164	0.025	0.151	0.468	0.022	-0.062	0.106	0.605	0.778	0.005	-0.061	0.070	0.889	0.955	-0.113	-0.203	-0.024	0.013	0.099
LPC(24:0) [sn1]	0.055	-0.021	0.131	0.155	0.470	-0.016	-0.083	0.051	0.642	0.799	0.024	-0.026	0.074	0.343	0.650	0.039	-0.029	0.108	0.260	0.471
TG(54:2) [NL-18:0]	-0.072	-0.171	0.027	0.156	0.470	-0.028	-0.114	0.058	0.522	0.715	0.025	-0.041	0.092	0.455	0.730	-0.042	-0.133	0.050	0.375	0.604
DG(18:1_22:5)	-0.067	-0.160	0.026	0.156	0.470	-0.050	-0.131	0.032	0.231	0.475	-0.008	-0.069	0.053	0.799	0.916	-0.071	-0.155	0.014	0.100	0.284
HexCer(d18:2/20:0)	0.054	-0.021	0.129	0.157	0.471	0.021	-0.044	0.086	0.520	0.714	0.028	-0.020	0.076	0.253	0.572	0.024	-0.044	0.093	0.491	0.696
PE(P-18:0/22:5) (n3)	-0.051	-0.123	0.020	0.157	0.471	0.003	-0.061	0.066	0.937	0.971	0.007	-0.040	0.054	0.778	0.907	0.015	-0.050	0.081	0.644	0.812
TG(52:5) [NL-20:5]	-0.053	-0.127	0.021	0.158	0.471	-0.032	-0.099	0.035	0.354	0.576	-0.008	-0.058	0.043	0.761	0.900	0.003	-0.067	0.074	0.927	0.961
LPC(22:6) [sn1]	0.050	-0.020	0.119	0.160	0.471	-0.047	-0.108	0.014	0.132	0.362	0.036	-0.011	0.083	0.138	0.421	-0.024	-0.087	0.039	0.457	0.671
LPC(20:4) [sn1]	0.050	-0.020	0.120	0.159	0.471	0.055	-0.006	0.117	0.079	0.292	-0.013	-0.061	0.035	0.594	0.811	-0.079	-0.144	-0.015	0.016	0.115
DE(18:2)	-0.068	-0.162	0.027	0.160	0.471	0.001	-0.083	0.085	0.976	0.983	0.008	-0.053	0.068	0.805	0.919	0.063	-0.023	0.150	0.153	0.358
TG(O-52:2) [NL-18:1]	-0.050	-0.119	0.020	0.160	0.471	-0.067	-0.129	-0.005	0.034	0.194	0.138	0.090	0.185	0.000	0.000	0.045	-0.020	0.110	0.172	0.378
LPC(22:5) [sn1] (n6)	0.049	-0.020	0.119	0.162	0.475	0.106	0.044	0.167	0.001	0.030	-0.012	-0.060	0.037	0.629	0.829	-0.060	-0.125	0.004	0.068	0.248
dhCer(d18:0/18:0)	-0.050	-0.121	0.021	0.165	0.480	-0.033	-0.094	0.029	0.299	0.530	-0.017	-0.063	0.029	0.477	0.737	-0.038	-0.102	0.026	0.244	0.455
PI(34:0)	-0.055	-0.132	0.023	0.165	0.480	-0.043	-0.111	0.024	0.207	0.451	-0.011	-0.061	0.039	0.677	0.860	-0.029	-0.098	0.041	0.419	0.640
PE(O-34:1)	-0.052	-0.127	0.022	0.169	0.490	-0.051	-0.118	0.016	0.138	0.372	0.099	0.049	0.148	0.000	0.004	0.045	-0.023	0.114	0.194	0.398
SM(44:2)	-0.056	-0.137	0.024	0.171	0.490	-0.079	-0.150	-0.008	0.029	0.183	0.057	0.004	0.110	0.036	0.211	0.019	-0.056	0.094	0.616	0.798
LPC(20:4) [+OH]	0.045	-0.019	0.109	0.171	0.490	0.041	-0.017	0.098	0.163	0.398	-0.016	-0.058	0.027	0.478	0.737	-0.009	-0.068	0.050	0.766	0.874
Cer(d18:2/23:0)	0.054	-0.024	0.133	0.172	0.491	0.051	-0.018	0.121	0.148	0.381	-0.021	-0.073	0.032	0.438	0.718	-0.016	-0.088	0.055	0.655	0.816
AC(26:0)	-0.050	-0.121	0.022	0.172	0.491	-0.033	-0.097	0.031	0.308	0.541	0.055	0.008	0.102	0.021	0.158	0.065	-0.001	0.131	0.054	0.212
DG(18:1_18:2)	0.072	-0.032	0.176	0.173	0.492	-0.025	-0.117	0.066	0.588	0.770	-0.029	-0.101	0.042	0.423	0.711	-0.073	-0.167	0.022	0.132	0.333
PE(38:5) (b)	-0.061	-0.149	0.027	0.177	0.495	0.006	-0.073	0.084	0.889	0.954	-0.073	-0.133	-0.013	0.017	0.142	-0.082	-0.163	-0.001	0.047	0.200
PE(O-16:0/20:3)	-0.048	-0.118	0.022	0.177	0.495	-0.001	-0.064	0.061	0.973	0.982	0.017	-0.032	0.066	0.505	0.757	-0.031	-0.096	0.033	0.342	0.569
AC(24:1)-OH	-0.047	-0.114	0.021	0.177	0.495	-0.033	-0.094	0.027	0.275	0.510	0.012	-0.033	0.058	0.590	0.811	-0.012	-0.074	0.050	0.700	0.840
TG(58:10) [NL-22:6]	-0.047	-0.115	0.021	0.176	0.495	-0.065	-0.126	-0.004	0.036	0.197	0.037	-0.009	0.082	0.116	0.388	0.001	-0.063	0.065	0.978	0.986
SM(d16:1/23:0) & SM(d17:1/22:0)	-0.056	-0.139	0.026	0.181	0.495	0.032	-0.040	0.105	0.384	0.592	0.059	0.004	0.114	0.036	0.211	0.053	-0.024	0.131	0.177	0.382
GM3(d18:1/22:0)	0.053	-0.024	0.130	0.179	0.495	0.070	0.001	0.140	0.046	0.224	-0.031	-0.087	0.026	0.286	0.604	-0.142	-0.215	-0.070	0.000	0.012
PS(38:3)	0.044	-0.020	0.107	0.181	0.495	0.022	-0.035	0.079	0.453	0.653	0.007	-0.037	0.050	0.768	0.902	0.067	0.008	0.126	0.026	0.152
AC(18:0)-OH	-0.045	-0.111	0.021	0.179	0.495	0.024	-0.035	0.084	0.426	0.628	-0.017	-0.062	0.029	0.474	0.737	-0.097	-0.158	-0.036	0.002	0.041
AC(22:5)-OH	-0.047	-0.115	0.022	0.180	0.495	-0.070	-0.130	-0.009	0.025	0.169	0.048	0.003	0.093	0.039	0.220	0.040	-0.023	0.104	0.210	0.419
TG(50:3) [NL-16:1]	0.058	-0.027	0.144	0.180	0.495	0.132	0.054	0.210	0.001	0.033	-0.107	-0.168	-0.045	0.001	0.016	-0.145	-0.227	-0.062	0.001	0.025
LPC(20:3) [sn2]	0.050	-0.024	0.123	0.183	0.497	0.068	0.005	0.132	0.036	0.196	0.028	-0.020	0.077	0.252	0.572	0.016	-0.051	0.083	0.635	0.808
deDE(20:4)	0.047	-0.022	0.116	0.183	0.497	0.060	-0.002	0.122	0.057	0.254	-0.110	-0.155	-0.065	0.000	0.000	-0.116	-0.179	-0.053	0.000	0.017
Cer(d17:1/24:0)	0.050	-0.024	0.124	0.185	0.501	0.037	-0.029	0.102	0.269	0.506	0.020	-0.028	0.069	0.416	0.705	0.024	-0.044	0.092	0.488	0.696
LPC(18:0) [sn1]	0.049	-0.024	0.122	0.187	0.503	0.014	-0.050	0.079	0.662	0.818	-0.006	-0.058	0.047	0.832	0.929	-0.054	-0.121	0.013	0.117	0.310
PI(16:0/16:0)	-0.051	-0.126	0.025	0.188	0.504	0.012	-0.056	0.079	0.734	0.868	-0.023	-0.074	0.027	0.365	0.672	-0.029	-0.099	0.041	0.415	0.640
LPC(22:4) [sn2]	0.047	-0.023	0.117	0.189	0.506	0.115	0.053	0.177	0.000	0.019	-0.043	-0.092	0.006	0.084	0.329	-0.088	-0.153	-0.022	0.009	0.084
TG(O-52:0) [NL-16:0]	-0.048	-0.120	0.024	0.190	0.507	0.017	-0.048	0.082	0.612	0.782	0.028	-0.022	0.078	0.276	0.596	-0.041	-0.108	0.027	0.236	0.446
CE(22:0)	0.053	-0.027	0.133	0.191	0.508	0.036	-0.034	0.107	0.313	0.545	0.003	-0.049	0.056	0.902	0.961	-0.016	-0.089	0.057	0.667	0.823
CA	-0.042	-0.106	0.022	0.195	0.515	-0.012	-0.069	0.046	0.687	0.836	0.061	0.019	0.104	0.004	0.057	0.084	0.024	0.143	0.006	0.065
Cer(d18:1/21:0)	0.049	-0.026	0.124	0.197	0.516	0.075	0.008	0.142	0.029	0.182	-0.058	-0.110	-0.007	0.027	0.185	-0.119	-0.188	-0.051	0.001	0.027
DG(14:0_18:2)	0.067	-0.035	0.168	0.197	0.516	0.052	-0.039	0.142	0.262	0.493	-0.084	-0.152	-0.015	0.016	0.137	-0.098	-0.191	-0.005	0.038	0.182
TG(56:7) [NL-20:5]	-0.045	-0.114	0.023	0.196	0.516	-0.041	-0.102	0.021	0.193	0.429	0.033	-0.013	0.078	0.160	0.454	0.018	-0.045	0.082	0.577	0.759
LPC(20:4) [sn2]	0.046	-0.024	0.117	0.198	0.516	0.053	-0.009	0.115	0.093	0.310	-0.005	-0.053	0.042	0.822	0.925	-0.080	-0.145	-0.015	0.017	0.115
dhCer(d18:0/24:0)	-0.051	-0.130	0.027	0.199	0.517	-0.029	-0.098	0.039	0.403	0.610	0.050	-0.001	0.101	0.057	0.270	0.062	-0.010	0.134	0.090	0.277
LPE(22:6) [sn2]	0.048	-0.025	0.121	0.200	0.517	-0.038	-0.103	0.028	0.257	0.492	-0.009	-0.061	0.042	0.731	0.887	0.042	-0.025	0.109	0.216	0.422
TG(52:4) [NL-18:2]	0.048	-0.026	0.122	0.201	0.520	0.080	0.010	0.149	0.025	0.169	-0.045	-0.101	0.012	0.121	0.391	-0.043	-0.116	0.029	0.240	0.451
PC(16:1_22:6)	0.052	-0.029	0.133	0.207	0.521	-0.012	-0.083	0.058	0.734	0.868	0.005	-0.050	0.060	0.865	0.946	-0.067	-0.140	0.007	0.074	0.259
PC(38:5) (a)	0.048	-0.026	0.122	0.205	0.521	0.085	0.021	0.148	0.009	0.099	-0.048	-0.099	0.003	0.065	0.290	-0.068	-0.135	-0.001	0.047	0.200
PC(18:0_22:6)	-0.046	-0.116	0.025	0.203	0.521	-0.079	-0.141	-0.016	0.014	0.116	0.044	-0.003	0.091	0.068	0.294	0.028	-0.037	0.093	0.391	0.615
PE(P-16:0/22:5) (n6)	-0.047	-0.119	0.025	0.203	0.521	0.057	-0.005	0.120	0.073	0.285	0.044	-0.009	0.096	0.101	0.364	-0.062	-0.128	0.003	0.062	0.234
PI(18:0_20:3) (a)	0.042	-0.023	0.108	0.205	0.521	-0.001	-0.060	0.058	0.962	0.980	0.008	-0.035	0.052	0.707	0.875	0.054	-0.007	0.115	0.083	0.269
PI(20:0_20:4)	0.044	-0.024	0.111	0.206	0.521	0.032	-0.028	0.093	0.296	0.528	0.016	-0.029	0.061	0.484	0.739	0.040	-0.022	0.103	0.208	0.415
TG(O-50:1) [NL-18:1]	-0.044	-0.113	0.024	0.206	0.521	-0.074	-0.135	-0.012	0.019	0.141	0.106	0.060	0.151	0.000	0.000	0.022	-0.042	0.085	0.501	0.701
PC(O-40:5)	0.046	-0.026	0.118	0.209	0.525	0.085	0.021	0.149	0.009	0.099	-0.025	-0.077	0.028	0.356	0.667	-0.124	-0.190	-0.058	0.000	0.017
Cer(m18:0/20:0)	-0.054	-0.138	0.030	0.211	0.528	-0.013	-0.087	0.060	0.728	0.864	0.000	-0.056	0.057	0.988	0.994	-0.068	-0.144	0.009	0.083	0.269
PC(O-16:0/20:3)	0.046	-0.026	0.118	0.211	0.528	0.073	0.011	0.136	0.022	0.152	0.008	-0.043	0.059	0.759	0.900	-0.060	-0.126	0.006	0.075	0.259
PE(P-16:0/22:5) (n3)	-0.047	-0.122	0.027	0.212	0.528	-0.008	-0.074	0.057	0.802	0.912	0.044	-0.006	0.094	0.082	0.325	0.017	-0.051	0.085	0.619	0.799

Cer(m18:1/18:0)	-0.050	-0.128	0.029	0.213	0.528	-0.025	-0.095	0.044	0.475	0.669	-0.010	-0.061	0.041	0.703	0.875	-0.025	-0.096	0.046	0.487	0.696
DG(14:0_16:0)	-0.059	-0.151	0.034	0.214	0.528	0.043	-0.038	0.125	0.295	0.528	-0.032	-0.095	0.031	0.314	0.628	-0.067	-0.153	0.019	0.125	0.325
LPC(14:0) [sn1]	0.045	-0.027	0.117	0.216	0.529	0.049	-0.015	0.113	0.130	0.360	-0.055	-0.102	-0.007	0.025	0.177	-0.057	-0.124	0.009	0.092	0.278
LPE(P-20:0)	0.043	-0.025	0.110	0.215	0.529	0.036	-0.024	0.096	0.236	0.480	-0.020	-0.064	0.024	0.370	0.672	-0.012	-0.074	0.050	0.701	0.840
TG(O-52:2) [NL-16:0]	-0.045	-0.116	0.026	0.216	0.529	-0.058	-0.122	0.006	0.075	0.286	0.133	0.084	0.181	0.000	0.000	0.054	-0.013	0.121	0.112	0.302
Cer(d19:1/24:1)	0.041	-0.024	0.107	0.218	0.530	0.027	-0.031	0.086	0.363	0.580	-0.009	-0.052	0.035	0.699	0.875	-0.071	-0.132	-0.011	0.021	0.129
PC(32:2)	0.052	-0.032	0.136	0.222	0.530	0.085	0.010	0.161	0.027	0.175	-0.064	-0.120	-0.007	0.027	0.185	-0.093	-0.171	-0.014	0.020	0.128
PC(P-16:0/18:1)	0.065	-0.039	0.169	0.220	0.530	0.010	-0.082	0.101	0.836	0.932	0.027	-0.043	0.096	0.450	0.728	-0.042	-0.135	0.052	0.381	0.610
PE(16:0_16:0)	0.049	-0.030	0.127	0.223	0.530	0.040	-0.030	0.111	0.257	0.492	-0.024	-0.077	0.029	0.379	0.678	-0.052	-0.125	0.021	0.165	0.371
LPC(19:0) (a) [sn1] [104_sn1]	0.044	-0.027	0.115	0.224	0.530	0.005	-0.058	0.068	0.870	0.944	0.037	-0.011	0.086	0.129	0.407	-0.002	-0.067	0.063	0.958	0.977
LPC(15:0) [sn1]	0.043	-0.026	0.111	0.226	0.530	0.033	-0.028	0.095	0.286	0.521	-0.013	-0.059	0.033	0.583	0.810	-0.026	-0.090	0.037	0.418	0.640
PE(O-16:0/22:4)	-0.044	-0.115	0.027	0.225	0.530	0.041	-0.022	0.105	0.204	0.446	0.008	-0.041	0.056	0.756	0.899	-0.061	-0.127	0.005	0.072	0.253
PE(P-18:1/20:4) (a)	-0.044	-0.113	0.026	0.218	0.530	-0.037	-0.098	0.024	0.236	0.480	0.087	0.041	0.133	0.000	0.007	0.011	-0.052	0.075	0.727	0.855
LPI(18:1) [sn2]	-0.041	-0.106	0.024	0.220	0.530	-0.012	-0.070	0.046	0.674	0.829	0.000	-0.044	0.044	1.000	1.000	0.001	-0.059	0.062	0.963	0.977
AC(20:3) (b)	0.040	-0.025	0.105	0.225	0.530	0.054	-0.004	0.113	0.067	0.272	-0.015	-0.058	0.028	0.488	0.742	-0.039	-0.099	0.021	0.201	0.406
TG(50:2) [NL-18:1]	0.049	-0.030	0.128	0.220	0.530	0.070	-0.003	0.143	0.060	0.259	-0.058	-0.114	-0.001	0.045	0.243	-0.063	-0.140	0.013	0.105	0.292
TG(52:3) [NL-16:1]	0.042	-0.026	0.110	0.225	0.530	0.065	0.002	0.128	0.042	0.215	-0.016	-0.068	0.036	0.545	0.779	-0.069	-0.134	-0.003	0.039	0.183
PC(34:2) [+OH]	0.048	-0.029	0.125	0.223	0.530	-0.053	-0.120	0.013	0.116	0.344	0.001	-0.048	0.050	0.967	0.985	-0.027	-0.097	0.043	0.446	0.661
SM(40:3) (a)	0.051	-0.033	0.136	0.230	0.536	0.051	-0.023	0.124	0.178	0.421	-0.034	-0.091	0.023	0.239	0.552	-0.122	-0.198	-0.045	0.002	0.041
PE(16:1_18:2)	0.047	-0.030	0.123	0.231	0.536	0.109	0.040	0.178	0.002	0.042	-0.036	-0.090	0.017	0.182	0.482	-0.074	-0.146	-0.002	0.044	0.193
CE(20:0)	0.052	-0.033	0.138	0.231	0.536	0.040	-0.035	0.114	0.294	0.528	-0.009	-0.064	0.046	0.755	0.899	-0.053	-0.131	0.024	0.176	0.381
DG(16:0_18:1)	-0.070	-0.184	0.044	0.229	0.536	-0.045	-0.145	0.055	0.374	0.584	-0.032	-0.110	0.045	0.415	0.705	-0.079	-0.183	0.024	0.131	0.333
TG(49:1) [NL-17:1]	-0.047	-0.125	0.030	0.232	0.536	0.033	-0.038	0.103	0.362	0.580	-0.027	-0.081	0.026	0.314	0.628	-0.066	-0.140	0.008	0.078	0.265
PI(18:0_18:1)	-0.047	-0.123	0.030	0.233	0.537	-0.010	-0.078	0.058	0.780	0.897	0.055	0.004	0.106	0.035	0.211	0.009	-0.061	0.079	0.807	0.899
PC(16:0_18:3) (b)	0.049	-0.032	0.130	0.236	0.540	0.121	0.049	0.193	0.001	0.034	-0.054	-0.111	0.003	0.061	0.282	-0.097	-0.172	-0.022	0.012	0.090
LPC(22:6) [sn2]	0.042	-0.028	0.112	0.236	0.540	-0.051	-0.113	0.011	0.107	0.331	0.036	-0.010	0.083	0.124	0.397	-0.005	-0.069	0.059	0.874	0.931
Cer(d20:1/22:0)	-0.042	-0.112	0.028	0.237	0.540	-0.022	-0.085	0.040	0.480	0.674	0.026	-0.020	0.073	0.268	0.588	-0.017	-0.081	0.048	0.606	0.789
TG(48:0) [NL-16:0]	-0.046	-0.122	0.030	0.237	0.540	-0.001	-0.070	0.069	0.987	0.990	-0.024	-0.076	0.029	0.381	0.678	-0.022	-0.095	0.052	0.562	0.750
PC(28:0)	0.042	-0.029	0.113	0.242	0.543	0.063	0.000	0.126	0.051	0.241	-0.054	-0.101	-0.006	0.026	0.181	-0.055	-0.121	0.010	0.099	0.284
PE(P-18:1/22:6) (a)	-0.042	-0.112	0.028	0.239	0.543	-0.118	-0.180	-0.056	0.000	0.016	0.113	0.066	0.159	0.000	0.000	0.043	-0.022	0.107	0.192	0.397
PE(P-16:0/18:1)	-0.044	-0.119	0.030	0.242	0.543	-0.060	-0.125	0.006	0.073	0.285	0.086	0.038	0.134	0.001	0.013	0.089	0.022	0.156	0.009	0.088
CE(18:3)	0.062	-0.042	0.166	0.240	0.543	0.076	-0.015	0.166	0.100	0.317	-0.019	-0.085	0.047	0.566	0.797	0.009	-0.084	0.102	0.854	0.918
DG(18:1_20:4)	-0.054	-0.145	0.037	0.241	0.543	-0.018	-0.098	0.063	0.667	0.823	0.022	-0.039	0.082	0.484	0.739	-0.066	-0.150	0.018	0.123	0.322
Cer(m18:0/23:0)	-0.048	-0.130	0.033	0.244	0.543	-0.005	-0.075	0.066	0.900	0.960	0.019	-0.035	0.072	0.498	0.753	-0.029	-0.103	0.045	0.439	0.656
FA(16:0)	-0.040	-0.106	0.027	0.244	0.543	-0.036	-0.095	0.024	0.238	0.481	0.014	-0.030	0.058	0.537	0.779	-0.027	-0.088	0.034	0.386	0.611
LPC(18:0) [sn2]	0.043	-0.029	0.115	0.245	0.544	0.014	-0.051	0.078	0.675	0.829	0.010	-0.041	0.060	0.708	0.875	-0.024	-0.091	0.043	0.489	0.696
PE(P-16:0/18:2)	-0.042	-0.114	0.029	0.245	0.544	-0.012	-0.075	0.051	0.701	0.848	0.061	0.013	0.108	0.012	0.114	0.063	-0.003	0.128	0.061	0.232
PC(18:0_22:5) (n6)	-0.045	-0.122	0.031	0.248	0.546	0.089	0.021	0.157	0.010	0.104	-0.013	-0.066	0.040	0.630	0.829	-0.072	-0.143	0.000	0.050	0.204
PE(P-18:1/22:6) (b)	-0.041	-0.111	0.029	0.250	0.546	0.000	-0.060	0.061	0.995	0.995	0.058	0.004	0.112	0.034	0.210	-0.060	-0.122	0.002	0.058	0.224
CE(24:0)	0.047	-0.033	0.126	0.250	0.546	0.013	-0.057	0.083	0.724	0.864	-0.001	-0.053	0.051	0.969	0.986	-0.023	-0.095	0.050	0.536	0.729
DG(18:1_20:5)	-0.044	-0.119	0.031	0.248	0.546	-0.058	-0.125	0.008	0.083	0.301	0.019	-0.030	0.068	0.456	0.730	-0.013	-0.083	0.056	0.704	0.840
TG(51:1) [NL-17:0]	-0.053	-0.142	0.037	0.247	0.546	0.022	-0.060	0.103	0.604	0.778	-0.051	-0.113	0.011	0.106	0.368	-0.066	-0.152	0.020	0.132	0.333
CE(20:5)	-0.051	-0.138	0.036	0.251	0.546	-0.101	-0.180	-0.022	0.012	0.110	0.024	-0.035	0.083	0.431	0.715	0.051	-0.030	0.132	0.219	0.426
FA(17:1)	-0.039	-0.105	0.027	0.252	0.547	-0.011	-0.071	0.048	0.705	0.851	-0.014	-0.061	0.032	0.549	0.783	-0.032	-0.094	0.029	0.301	0.522
AC(24:0)	-0.039	-0.107	0.028	0.253	0.548	-0.053	-0.113	0.007	0.085	0.302	0.056	0.012	0.101	0.014	0.124	0.053	-0.009	0.115	0.096	0.279
Cer(d18:2/20:0)	0.043	-0.031	0.118	0.256	0.551	0.050	-0.017	0.117	0.142	0.376	-0.025	-0.075	0.026	0.340	0.648	-0.033	-0.103	0.037	0.357	0.584
dimethyl-CE(20:4)	-0.044	-0.120	0.032	0.256	0.551	-0.022	-0.091	0.047	0.528	0.719	0.067	0.016	0.119	0.010	0.104	0.048	-0.022	0.119	0.179	0.386
PI(18:0_22:6)	-0.043	-0.118	0.031	0.257	0.551	-0.071	-0.136	-0.005	0.035	0.196	0.040	-0.010	0.090	0.119	0.391	-0.013	-0.081	0.054	0.697	0.840
SHexCer(d18:1/16:0(OH))	0.044	-0.032	0.120	0.261	0.558	0.013	-0.055	0.080	0.715	0.858	-0.028	-0.078	0.023	0.280	0.601	-0.110	-0.180	-0.041	0.002	0.041
PC(P-16:0/20:5)	-0.041	-0.114	0.031	0.264	0.562	-0.092	-0.158	-0.026	0.006	0.082	0.045	-0.004	0.093	0.072	0.302	0.050	-0.017	0.117	0.142	0.347
PC(16:0_16:0)	0.054	-0.041	0.148	0.264	0.562	0.064	-0.018	0.147	0.128	0.358	-0.032	-0.097	0.033	0.333	0.646	-0.116	-0.202	-0.030	0.008	0.082
SM(35:2) (b)	-0.053	-0.146	0.040	0.266	0.562	0.039	-0.039	0.117	0.329	0.563	0.029	-0.043	0.101	0.428	0.713	-0.137	-0.218	-0.055	0.001	0.028
PE(16:0_22:6)	-0.044	-0.121	0.034	0.267	0.562	-0.082	-0.152	-0.013	0.021	0.149	0.006	-0.046	0.059	0.815	0.925	-0.001	-0.073	0.071	0.975	0.984
FA(14:0)	-0.038	-0.104	0.029	0.267	0.562	0.025	-0.035	0.085	0.412	0.617	-0.017	-0.061	0.027	0.450	0.728	-0.080	-0.141	-0.018	0.011	0.090
TG(54:6) [NL-20:5]	-0.041	-0.113	0.031	0.267	0.562	-0.035	-0.099	0.030	0.289	0.525	0.011	-0.037	0.059	0.657	0.849	0.004	-0.063	0.071	0.903	0.948
Cer(d18:2/26:0)	0.043	-0.033	0.118	0.271	0.567	-0.011	-0.079	0.057	0.761	0.885	0.025	-0.025	0.074	0.328	0.641	0.009	-0.060	0.078	0.793	0.890
PE(15-MHDA_18:2)	0.042	-0.033	0.117	0.272	0.567	0.063	-0.005	0.131	0.071	0.282	-0.026	-0.076	0.025	0.321	0.635	-0.072	-0.142	-0.002	0.043	0.191
LPC(24:0) [sn2]	0.042	-0.033	0.117	0.273	0.567	-0.020	-0.086	0.047	0.562	0.746	0.028	-0.020	0.077	0.252	0.572	0.063	-0.004	0.131	0.065	0.245
PC(P-38:5) (b)	-0.041	-0.113	0.032	0.274	0.567	0.037	-0.026	0.100	0.246	0.491	0.018	-0.038	0.073	0.528	0.773	-0.072	-0.137	-0.008	0.029	0.154
PS(40:6)	-0.037	-0.103	0.029	0.272	0.567	-0.065	-0.124	-0.005	0.033	0.190	0.023	-0.021	0.067	0.298	0.616	0.036	-0.024	0.097	0.242	0.453
TG(50:1) [NL-18:1]	-0.046	-0.127	0.036	0.275	0.567	0.036	-0.040	0.112	0.354	0.576	-0.029	-0.086	0.029	0.332	0.646	-0.028	-0.109	0.052	0.491	0.696

TG(O-50:1) [NL-16:0]	-0.039	-0.110	0.031	0.274	0.567	-0.037	-0.101	0.026	0.251	0.492	0.096	0.048	0.143	0.000	0.003	0.021	-0.045	0.087	0.526	0.725
TG(56:6) [NL-20:4]	-0.037	-0.104	0.030	0.276	0.568	0.010	-0.048	0.069	0.730	0.865	0.048	0.002	0.093	0.039	0.220	-0.006	-0.068	0.056	0.844	0.916
Cer(d19:1/26:0)	0.037	-0.030	0.103	0.280	0.571	0.028	-0.031	0.087	0.353	0.576	0.002	-0.041	0.046	0.921	0.966	0.007	-0.054	0.068	0.827	0.909
HexCer(d16:1/18:0)	0.037	-0.030	0.103	0.279	0.571	0.048	-0.011	0.107	0.109	0.331	-0.047	-0.090	-0.003	0.036	0.212	-0.025	-0.086	0.036	0.423	0.642
PG(36:1)	-0.057	-0.160	0.046	0.279	0.571	-0.052	-0.142	0.037	0.252	0.492	0.022	-0.044	0.089	0.505	0.757	0.044	-0.048	0.136	0.351	0.576
PE(16:1_20:4)	0.044	-0.036	0.125	0.282	0.572	0.115	0.044	0.186	0.002	0.037	-0.077	-0.131	-0.024	0.005	0.057	-0.110	-0.184	-0.035	0.004	0.055
AC(20:4)	0.036	-0.030	0.102	0.282	0.572	0.040	-0.020	0.099	0.193	0.429	-0.012	-0.056	0.032	0.593	0.811	-0.023	-0.084	0.039	0.470	0.685
FA(22:4)	-0.037	-0.104	0.031	0.283	0.572	0.009	-0.051	0.068	0.780	0.897	-0.007	-0.052	0.038	0.758	0.899	-0.067	-0.129	-0.006	0.033	0.167
TG(54:4) [NL-18:2]	0.037	-0.030	0.104	0.281	0.572	0.033	-0.029	0.096	0.297	0.528	0.012	-0.039	0.062	0.652	0.848	-0.010	-0.075	0.056	0.776	0.878
PC(18:0_20:4)	-0.040	-0.114	0.034	0.288	0.579	0.023	-0.042	0.088	0.481	0.674	-0.004	-0.053	0.046	0.883	0.953	-0.060	-0.129	0.008	0.084	0.270
TG(56:9) [NL-22:6]	-0.039	-0.112	0.033	0.289	0.580	-0.064	-0.129	0.000	0.051	0.241	0.033	-0.016	0.081	0.188	0.486	-0.015	-0.082	0.053	0.666	0.823
TG(48:0) [NL-18:0]	-0.039	-0.110	0.033	0.290	0.581	0.010	-0.055	0.075	0.762	0.885	-0.040	-0.089	0.010	0.115	0.387	-0.046	-0.114	0.023	0.194	0.398
Cer(d18:2/14:0)	0.044	-0.038	0.127	0.293	0.584	0.022	-0.048	0.092	0.539	0.729	-0.043	-0.096	0.009	0.104	0.368	-0.041	-0.114	0.032	0.265	0.473
Cer(d20:1/23:0)	-0.037	-0.106	0.032	0.294	0.587	-0.045	-0.107	0.017	0.153	0.385	0.013	-0.034	0.059	0.585	0.810	-0.015	-0.079	0.049	0.652	0.816
FA(16:1)	-0.037	-0.107	0.033	0.296	0.589	0.040	-0.023	0.102	0.215	0.456	-0.025	-0.071	0.022	0.303	0.620	-0.097	-0.162	-0.032	0.003	0.049
TG(O-50:1) [NL-15:0]	-0.037	-0.107	0.033	0.298	0.591	-0.054	-0.117	0.009	0.094	0.310	0.079	0.032	0.127	0.001	0.022	-0.004	-0.069	0.061	0.903	0.948
CE(20:1)	0.047	-0.042	0.137	0.299	0.591	0.010	-0.067	0.087	0.801	0.912	0.008	-0.050	0.066	0.775	0.904	-0.084	-0.165	-0.004	0.041	0.185
PE(P-20:0/18:1)	-0.037	-0.106	0.033	0.300	0.591	-0.057	-0.119	0.005	0.071	0.282	0.061	0.016	0.106	0.008	0.091	0.063	-0.001	0.126	0.053	0.210
Cer(d16:1/24:0)	0.039	-0.035	0.113	0.302	0.594	0.041	-0.024	0.106	0.213	0.456	0.004	-0.044	0.052	0.871	0.949	0.023	-0.045	0.090	0.506	0.704
PC(O-32:2)	-0.038	-0.111	0.035	0.303	0.594	-0.041	-0.106	0.024	0.213	0.456	0.017	-0.031	0.066	0.483	0.739	0.004	-0.063	0.071	0.900	0.948
PC(35:5)	-0.038	-0.111	0.035	0.304	0.594	-0.036	-0.101	0.029	0.281	0.515	-0.006	-0.055	0.042	0.797	0.915	0.011	-0.057	0.079	0.757	0.874
TG(54:3) [NL-18:1]	0.036	-0.032	0.104	0.304	0.594	-0.002	-0.065	0.062	0.962	0.980	0.030	-0.019	0.079	0.234	0.546	0.013	-0.053	0.079	0.695	0.840
PE(P-18:0/18:2)	-0.038	-0.110	0.035	0.307	0.595	-0.002	-0.066	0.062	0.945	0.977	0.042	-0.006	0.090	0.090	0.340	0.039	-0.027	0.106	0.248	0.459
LPI(18:0) [sn2]	-0.035	-0.101	0.032	0.306	0.595	-0.016	-0.074	0.043	0.595	0.775	-0.018	-0.062	0.025	0.404	0.693	0.016	-0.046	0.077	0.618	0.799
LPI(18:2) [sn1]	-0.035	-0.101	0.032	0.307	0.595	0.041	-0.018	0.100	0.172	0.410	0.014	-0.031	0.059	0.542	0.779	-0.018	-0.079	0.044	0.573	0.758
PE(18:0_22:4)	-0.043	-0.126	0.040	0.311	0.599	0.053	-0.021	0.128	0.160	0.397	-0.058	-0.115	-0.001	0.046	0.243	-0.072	-0.150	0.006	0.070	0.250
PE(P-18:0/20:3) (a)	-0.035	-0.103	0.033	0.311	0.599	-0.003	-0.063	0.057	0.922	0.964	0.042	-0.004	0.087	0.071	0.302	0.032	-0.030	0.094	0.312	0.538
PC(O-35:4)	-0.035	-0.102	0.033	0.312	0.599	0.005	-0.055	0.065	0.882	0.949	0.044	-0.001	0.089	0.054	0.263	-0.021	-0.083	0.041	0.504	0.703
FA(22:6)	-0.035	-0.104	0.033	0.313	0.600	-0.079	-0.141	-0.018	0.012	0.107	0.047	0.002	0.093	0.042	0.229	0.018	-0.045	0.082	0.574	0.758
PC(P-16:0/16:1)	0.047	-0.045	0.139	0.315	0.600	0.082	0.001	0.162	0.047	0.227	-0.058	-0.121	0.005	0.070	0.302	-0.087	-0.171	-0.003	0.042	0.188
PE(18:0_20:4)	-0.045	-0.132	0.042	0.314	0.600	0.004	-0.075	0.083	0.930	0.968	-0.040	-0.099	0.019	0.183	0.482	-0.059	-0.140	0.022	0.152	0.358
DE(18:1)	-0.035	-0.104	0.034	0.319	0.607	0.011	-0.051	0.073	0.722	0.864	-0.016	-0.063	0.032	0.523	0.773	-0.015	-0.080	0.049	0.641	0.810
PE(P-18:1/20:4) (b)	-0.033	-0.099	0.033	0.324	0.613	0.044	-0.015	0.102	0.141	0.375	0.034	-0.017	0.084	0.187	0.485	-0.075	-0.136	-0.014	0.015	0.110
TG(50:3) [NL-14:1]	0.040	-0.040	0.121	0.325	0.613	0.078	0.004	0.151	0.038	0.204	-0.045	-0.105	0.015	0.145	0.427	-0.106	-0.182	-0.030	0.006	0.069
TG(48:2) [NL-18:2]	0.044	-0.043	0.130	0.324	0.613	0.070	-0.011	0.151	0.090	0.310	-0.060	-0.122	0.001	0.054	0.263	-0.075	-0.160	0.010	0.083	0.269
Cer(d16:1/23:0)	0.037	-0.037	0.111	0.327	0.613	0.052	-0.013	0.118	0.117	0.344	-0.014	-0.063	0.034	0.567	0.797	-0.017	-0.085	0.050	0.620	0.800
CE(24:5)	-0.041	-0.123	0.041	0.326	0.613	-0.013	-0.085	0.059	0.726	0.864	0.028	-0.025	0.081	0.298	0.616	0.054	-0.021	0.129	0.156	0.359
S1P(d18:2)	0.033	-0.034	0.101	0.329	0.615	0.066	0.006	0.125	0.031	0.188	0.015	-0.031	0.061	0.529	0.773	-0.012	-0.073	0.050	0.709	0.841
CE(24:4)	0.042	-0.043	0.127	0.329	0.615	0.056	-0.019	0.130	0.145	0.380	0.000	-0.055	0.056	0.993	0.994	-0.057	-0.135	0.021	0.154	0.359
PE(17:0_22:6)	-0.039	-0.117	0.040	0.331	0.615	-0.096	-0.166	-0.025	0.008	0.095	0.033	-0.020	0.086	0.218	0.530	0.028	-0.045	0.100	0.451	0.666
PI(38:5) (a)	0.039	-0.040	0.117	0.330	0.615	0.117	0.046	0.187	0.001	0.036	-0.009	-0.062	0.044	0.743	0.892	-0.047	-0.119	0.026	0.208	0.415
AC(16:0)-OH	-0.032	-0.098	0.033	0.335	0.621	0.004	-0.055	0.063	0.898	0.960	-0.025	-0.069	0.019	0.270	0.588	-0.102	-0.162	-0.041	0.001	0.028
DG(18:0_18:2)	-0.055	-0.167	0.057	0.336	0.621	-0.054	-0.149	0.042	0.272	0.507	-0.055	-0.132	0.022	0.161	0.454	-0.092	-0.192	0.008	0.070	0.250
PC(P-35:2) (a)	0.037	-0.039	0.113	0.340	0.628	0.050	-0.016	0.116	0.136	0.369	0.039	-0.010	0.089	0.120	0.391	-0.008	-0.077	0.062	0.824	0.909
Cer(d18:1/19:0)	0.032	-0.035	0.098	0.352	0.630	-0.002	-0.062	0.058	0.948	0.977	-0.002	-0.046	0.043	0.941	0.973	-0.005	-0.067	0.057	0.868	0.929
SM(d17:1/24:1)	0.037	-0.040	0.114	0.346	0.630	0.004	-0.064	0.072	0.906	0.960	0.036	-0.015	0.087	0.165	0.457	-0.063	-0.135	0.008	0.082	0.269
PC(16:0_20:5)	-0.035	-0.109	0.039	0.352	0.630	-0.046	-0.113	0.020	0.170	0.407	-0.015	-0.064	0.034	0.553	0.783	-0.008	-0.077	0.061	0.818	0.907
PA(36:3)	0.033	-0.036	0.101	0.349	0.630	-0.003	-0.063	0.056	0.917	0.964	0.015	-0.030	0.060	0.515	0.768	0.065	0.003	0.127	0.040	0.185
PC(P-18:0/22:6)	-0.037	-0.115	0.040	0.347	0.630	-0.101	-0.169	-0.033	0.004	0.060	0.075	0.024	0.126	0.004	0.057	0.016	-0.054	0.086	0.651	0.816
PC(P-35:2) (b)	0.036	-0.039	0.111	0.348	0.630	0.021	-0.044	0.087	0.524	0.716	0.037	-0.013	0.087	0.146	0.429	-0.022	-0.091	0.047	0.533	0.729
LPC(15:0) [sn2]	0.033	-0.036	0.101	0.351	0.630	0.034	-0.027	0.095	0.279	0.514	-0.017	-0.063	0.029	0.458	0.730	-0.025	-0.088	0.038	0.434	0.651
PI(16:0_16:1)	-0.036	-0.112	0.040	0.351	0.630	0.064	-0.004	0.132	0.066	0.272	-0.035	-0.085	0.016	0.180	0.479	-0.058	-0.129	0.013	0.111	0.301
PI(18:0_22:4)	-0.038	-0.118	0.041	0.344	0.630	0.068	-0.002	0.138	0.056	0.254	-0.029	-0.084	0.026	0.298	0.616	-0.060	-0.134	0.014	0.110	0.301
PE(P-16:0/20:3) (a)	-0.033	-0.102	0.035	0.344	0.630	-0.015	-0.075	0.045	0.617	0.783	0.054	0.009	0.099	0.019	0.154	0.045	-0.017	0.108	0.155	0.359
FA(17:0)	-0.031	-0.095	0.034	0.347	0.630	0.007	-0.050	0.065	0.804	0.913	0.000	-0.043	0.043	0.993	0.994	-0.087	-0.146	-0.027	0.004	0.057
AC(22:6)	-0.032	-0.100	0.036	0.350	0.630	-0.087	-0.148	-0.026	0.005	0.077	0.037	-0.010	0.084	0.124	0.397	0.057	-0.006	0.121	0.077	0.264
COH	0.042	-0.045	0.129	0.344	0.630	-0.003	-0.077	0.071	0.935	0.970	0.007	-0.054	0.068	0.823	0.925	-0.100	-0.180	-0.020	0.014	0.104
AC(12:1)	-0.031	-0.096	0.034	0.354	0.631	0.045	-0.014	0.104	0.132	0.362	-0.009	-0.054	0.035	0.676	0.860	-0.068	-0.129	-0.008	0.027	0.153
PE(18:1_18:2)	0.033	-0.037	0.104	0.355	0.631	0.029	-0.036	0.095	0.376	0.586	0.016	-0.033	0.065	0.520	0.773	0.019	-0.048	0.087	0.573	0.758
SM(43:2) (c)	-0.040	-0.125	0.045	0.357	0.633	-0.054	-0.129	0.021	0.160	0.397	0.093	0.038	0.149	0.001	0.021	0.050	-0.029	0.129	0.212	0.422
LPC(26:0) [sn2]	0.039	-0.044	0.123	0.357	0.633	-0.018	-0.091	0.055	0.629	0.789	0.007	-0.046	0.061	0.790	0.912	0.073	-0.001	0.148	0.053	0.212

Cer(d18:1/22:0)	0.037	-0.043	0.118	0.361	0.635	0.066	-0.005	0.138	0.067	0.272	-0.010	-0.065	0.045	0.732	0.887	-0.075	-0.149	-0.001	0.047	0.200
PC(36:4) [+OH]	-0.033	-0.102	0.037	0.360	0.635	0.021	-0.041	0.083	0.512	0.705	-0.002	-0.050	0.045	0.925	0.968	-0.102	-0.166	-0.037	0.002	0.041
S1P(d16:1)	0.031	-0.037	0.099	0.369	0.641	0.079	0.019	0.139	0.010	0.100	-0.012	-0.057	0.032	0.591	0.811	-0.004	-0.066	0.058	0.906	0.948
PC(15-MHDA_18:2)	0.035	-0.042	0.112	0.372	0.641	0.056	-0.012	0.125	0.108	0.331	0.020	-0.032	0.072	0.459	0.730	-0.045	-0.116	0.026	0.215	0.422
PE(18:0_20:3) (b)	-0.036	-0.114	0.042	0.365	0.641	0.006	-0.063	0.076	0.857	0.940	-0.045	-0.097	0.008	0.095	0.346	-0.082	-0.155	-0.009	0.027	0.153
PE(18:1_22:6) (b)	-0.036	-0.114	0.043	0.369	0.641	0.020	-0.048	0.088	0.570	0.754	-0.025	-0.081	0.031	0.384	0.678	-0.062	-0.131	0.008	0.082	0.269
PE(P-20:0/22:6)	-0.034	-0.107	0.040	0.370	0.641	-0.130	-0.195	-0.064	0.000	0.016	0.057	0.009	0.105	0.021	0.158	0.021	-0.046	0.088	0.534	0.729
LPE(P-18:1)	0.030	-0.036	0.096	0.370	0.641	0.049	-0.010	0.107	0.104	0.327	0.028	-0.023	0.078	0.281	0.601	-0.028	-0.089	0.033	0.368	0.597
AC(20:3)-OH	0.030	-0.036	0.097	0.367	0.641	0.046	-0.012	0.105	0.122	0.351	-0.006	-0.050	0.039	0.803	0.918	-0.023	-0.085	0.038	0.454	0.668
DG(16:0_20:4)	-0.041	-0.132	0.050	0.372	0.641	-0.008	-0.089	0.073	0.845	0.937	-0.001	-0.063	0.060	0.962	0.983	-0.075	-0.160	0.010	0.083	0.269
TG(56:7) [NL-22:5]	-0.034	-0.107	0.040	0.371	0.641	0.011	-0.056	0.079	0.742	0.871	-0.024	-0.076	0.028	0.364	0.671	-0.055	-0.125	0.015	0.122	0.322
PC(18:0_22:4)	-0.034	-0.110	0.041	0.373	0.642	0.090	0.023	0.157	0.008	0.096	-0.036	-0.089	0.016	0.177	0.476	-0.071	-0.142	0.000	0.050	0.204
Sph(d18:1)	0.029	-0.035	0.092	0.379	0.651	0.021	-0.036	0.079	0.466	0.662	-0.005	-0.047	0.038	0.835	0.930	-0.014	-0.073	0.045	0.651	0.816
SM(44:3)	0.038	-0.047	0.123	0.380	0.651	0.005	-0.069	0.079	0.890	0.954	-0.012	-0.067	0.042	0.659	0.849	-0.031	-0.109	0.047	0.440	0.657
TG(56:6) [NL-22:5]	-0.033	-0.106	0.041	0.381	0.652	0.004	-0.062	0.070	0.904	0.960	-0.012	-0.063	0.038	0.635	0.834	-0.022	-0.091	0.048	0.543	0.733
PS(36:1)	0.028	-0.035	0.092	0.383	0.654	0.034	-0.023	0.091	0.240	0.482	-0.004	-0.046	0.038	0.842	0.932	0.019	-0.039	0.078	0.516	0.717
Cer(d18:2/16:0)	0.035	-0.045	0.115	0.389	0.658	0.038	-0.033	0.109	0.298	0.529	-0.026	-0.081	0.029	0.350	0.660	-0.050	-0.124	0.024	0.184	0.389
PC(O-18:0/18:1)	0.035	-0.044	0.114	0.388	0.658	0.062	-0.009	0.132	0.085	0.302	-0.005	-0.062	0.053	0.866	0.946	-0.078	-0.152	-0.004	0.039	0.183
CE(16:2)	0.043	-0.054	0.140	0.387	0.658	0.090	0.008	0.172	0.031	0.188	-0.051	-0.113	0.011	0.105	0.368	-0.053	-0.136	0.031	0.214	0.422
SM(d18:1/20:0) & SM(d16:1/22:0)	-0.038	-0.125	0.049	0.391	0.660	0.044	-0.033	0.120	0.261	0.493	0.058	-0.001	0.117	0.053	0.259	0.036	-0.046	0.119	0.384	0.611
PC(O-18:0/22:6)	-0.032	-0.105	0.041	0.392	0.660	-0.034	-0.099	0.031	0.308	0.541	0.032	-0.019	0.083	0.223	0.534	-0.055	-0.122	0.012	0.108	0.298
CE(22:1)	0.034	-0.044	0.113	0.392	0.660	-0.024	-0.092	0.044	0.488	0.682	0.001	-0.049	0.052	0.954	0.980	-0.074	-0.146	-0.002	0.045	0.194
TG(48:1) [NL-16:1]	-0.033	-0.111	0.044	0.394	0.660	0.040	-0.030	0.111	0.260	0.493	-0.042	-0.095	0.012	0.128	0.407	-0.054	-0.128	0.020	0.152	0.358
TG(O-54:4) [NL-17:1]	-0.030	-0.098	0.038	0.394	0.660	-0.029	-0.089	0.032	0.352	0.576	0.106	0.058	0.154	0.000	0.001	0.012	-0.051	0.075	0.716	0.845
PC(O-18:0/18:2)	0.034	-0.045	0.113	0.397	0.662	0.071	0.002	0.140	0.043	0.217	-0.008	-0.064	0.047	0.766	0.902	-0.057	-0.130	0.015	0.123	0.322
PE(P-18:1/20:3) (a)	-0.030	-0.101	0.040	0.397	0.662	0.005	-0.057	0.067	0.867	0.943	0.087	0.040	0.135	0.000	0.008	0.044	-0.021	0.108	0.181	0.386
FA(18:1)	-0.029	-0.096	0.038	0.398	0.662	-0.040	-0.100	0.020	0.189	0.426	0.007	-0.038	0.051	0.772	0.902	-0.055	-0.117	0.007	0.084	0.270
PE(P-18:1/20:3) (b)	-0.029	-0.098	0.039	0.401	0.665	0.025	-0.036	0.086	0.414	0.617	0.049	-0.001	0.098	0.055	0.264	-0.028	-0.091	0.035	0.387	0.611
TG(48:2) [NL-14:0]	0.038	-0.051	0.128	0.401	0.665	0.091	0.008	0.173	0.032	0.188	-0.083	-0.146	-0.020	0.009	0.100	-0.087	-0.174	0.000	0.049	0.204
PC(O-36:5)	-0.030	-0.100	0.040	0.406	0.671	-0.061	-0.124	0.002	0.058	0.254	0.024	-0.023	0.070	0.316	0.629	0.023	-0.041	0.088	0.478	0.689
Hex3Cer(d18:1/16:0)	0.037	-0.052	0.127	0.415	0.673	0.033	-0.045	0.112	0.403	0.610	-0.047	-0.111	0.016	0.145	0.427	-0.171	-0.251	-0.090	0.000	0.011
Cer(m18:1/20:0)	-0.036	-0.122	0.050	0.409	0.673	-0.012	-0.088	0.063	0.752	0.878	-0.025	-0.081	0.031	0.377	0.678	-0.047	-0.124	0.031	0.237	0.447
PC(O-32:1)	-0.029	-0.098	0.041	0.415	0.673	-0.060	-0.121	0.002	0.058	0.254	0.038	-0.010	0.085	0.118	0.391	0.016	-0.048	0.080	0.631	0.806
SM(d18:2/22:0)	-0.038	-0.131	0.054	0.417	0.673	0.037	-0.043	0.117	0.365	0.581	0.029	-0.035	0.093	0.368	0.672	0.009	-0.077	0.094	0.845	0.916
PC(38:6) (a)	0.038	-0.053	0.128	0.414	0.673	0.054	-0.022	0.130	0.166	0.399	0.025	-0.036	0.086	0.419	0.709	-0.039	-0.120	0.042	0.343	0.570
PE(16:0_18:1)	-0.034	-0.115	0.047	0.411	0.673	0.046	-0.029	0.121	0.232	0.475	-0.023	-0.080	0.034	0.428	0.713	-0.021	-0.099	0.056	0.586	0.767
PE(P-18:0/22:4)	-0.029	-0.099	0.041	0.412	0.673	0.090	0.027	0.153	0.005	0.075	-0.013	-0.062	0.035	0.594	0.811	-0.046	-0.112	0.020	0.169	0.372
PIP1(38:4)	0.027	-0.038	0.092	0.416	0.673	0.050	-0.008	0.108	0.093	0.310	0.012	-0.031	0.056	0.578	0.806	0.003	-0.057	0.063	0.930	0.962
CE(18:0)	-0.040	-0.134	0.055	0.412	0.673	0.031	-0.050	0.113	0.451	0.653	-0.021	-0.086	0.044	0.527	0.773	-0.121	-0.207	-0.035	0.006	0.065
TG(50:1) [NL-16:0]	-0.034	-0.116	0.048	0.416	0.673	0.037	-0.039	0.113	0.341	0.572	-0.027	-0.085	0.031	0.366	0.672	-0.028	-0.109	0.053	0.501	0.701
TG(O-50:1) [NL-17:1]	-0.029	-0.097	0.040	0.413	0.673	-0.042	-0.103	0.020	0.183	0.425	0.094	0.047	0.141	0.000	0.004	0.000	-0.064	0.064	0.992	0.996
S1P(d18:0)	0.026	-0.038	0.091	0.422	0.680	0.048	-0.009	0.106	0.098	0.312	-0.029	-0.073	0.015	0.199	0.502	-0.009	-0.069	0.050	0.762	0.874
PC(39:5) (b)	0.030	-0.044	0.103	0.425	0.681	0.020	-0.046	0.085	0.554	0.742	-0.017	-0.066	0.031	0.485	0.740	-0.007	-0.075	0.061	0.836	0.912
PS(38:4)	0.026	-0.038	0.090	0.425	0.681	0.051	-0.006	0.108	0.081	0.295	-0.029	-0.071	0.014	0.184	0.482	-0.009	-0.068	0.050	0.766	0.874
Cer(d20:1/24:0)	-0.028	-0.097	0.041	0.428	0.684	-0.015	-0.076	0.047	0.640	0.799	0.017	-0.029	0.064	0.471	0.737	-0.027	-0.091	0.037	0.406	0.632
PC(18:1_20:3)	0.032	-0.048	0.113	0.429	0.685	0.080	0.010	0.151	0.026	0.173	0.044	-0.013	0.100	0.132	0.412	0.000	-0.075	0.074	0.998	0.998
PE(P-18:1/18:1) (b)	-0.027	-0.095	0.040	0.431	0.686	0.029	-0.031	0.089	0.342	0.572	0.045	-0.006	0.096	0.084	0.329	-0.045	-0.107	0.017	0.155	0.359
Hex3Cer(d18:1/18:0)	-0.031	-0.109	0.047	0.432	0.687	0.031	-0.039	0.100	0.386	0.594	-0.019	-0.072	0.034	0.478	0.737	-0.061	-0.133	0.010	0.092	0.278
Cer(d16:1/20:0)	0.029	-0.045	0.103	0.441	0.695	0.046	-0.019	0.112	0.164	0.398	-0.015	-0.063	0.033	0.535	0.779	0.008	-0.060	0.076	0.823	0.909
dhCer(d18:0/24:1)	-0.028	-0.100	0.044	0.443	0.695	-0.043	-0.107	0.020	0.177	0.420	0.018	-0.030	0.065	0.465	0.732	-0.035	-0.101	0.031	0.297	0.518
Cer(d17:1/22:0)	0.028	-0.045	0.101	0.446	0.695	0.069	0.004	0.135	0.037	0.199	0.006	-0.043	0.055	0.818	0.925	-0.010	-0.078	0.058	0.767	0.874
SM(d18:2/20:0)	-0.031	-0.111	0.048	0.440	0.695	0.033	-0.037	0.104	0.354	0.576	0.023	-0.032	0.079	0.408	0.697	-0.001	-0.075	0.073	0.972	0.982
PC(P-18:0/20:4)	-0.029	-0.105	0.046	0.443	0.695	0.031	-0.035	0.096	0.364	0.580	0.035	-0.016	0.087	0.174	0.473	-0.045	-0.114	0.023	0.195	0.398
PI(18:0_20:3) (b)	-0.028	-0.101	0.044	0.443	0.695	0.040	-0.025	0.104	0.230	0.475	0.011	-0.039	0.061	0.669	0.855	-0.030	-0.097	0.038	0.391	0.615
PI(37:6)	0.028	-0.044	0.101	0.446	0.695	-0.051	-0.115	0.013	0.118	0.346	0.000	-0.047	0.047	0.985	0.993	-0.002	-0.068	0.064	0.956	0.977
FA(22:5)	-0.027	-0.095	0.042	0.444	0.695	-0.034	-0.095	0.027	0.278	0.514	0.011	-0.037	0.058	0.661	0.850	0.011	-0.053	0.074	0.741	0.863
AC(15:0) (b)	-0.025	-0.090	0.040	0.445	0.695	0.010	-0.048	0.068	0.725	0.864	-0.034	-0.077	0.009	0.121	0.391	-0.029	-0.088	0.031	0.349	0.575
dimethyl-CE(22:6)	-0.029	-0.103	0.045	0.442	0.695	-0.073	-0.138	-0.008	0.028	0.182	0.074	0.026	0.121	0.002	0.039	0.074	0.008	0.141	0.029	0.155
TG(O-54:3) [NL-18:1]	-0.026	-0.094	0.042	0.448	0.697	-0.042	-0.103	0.020	0.183	0.425	0.132	0.083	0.180	0.000	0.000	0.041	-0.024	0.105	0.216	0.422
methyl-CE(20:4)	-0.028	-0.100	0.045	0.451	0.699	0.008	-0.058	0.073	0.822	0.922	0.052	0.003	0.101	0.037	0.212	0.002	-0.065	0.070	0.947	0.973
PE(17:0_18:1)	-0.031	-0.111	0.050	0.453	0.701	0.033	-0.040	0.105	0.377	0.587	-0.003	-0.058	0.051	0.903	0.961	-0.037	-0.112	0.038	0.333	0.564

CE(18:2)	0.030	-0.050	0.110	0.458	0.704	0.066	-0.004	0.136	0.064	0.268	-0.004	-0.066	0.058	0.898	0.960	-0.043	-0.117	0.032	0.261	0.471
AC(16:1)	0.025	-0.041	0.090	0.458	0.704	0.051	-0.008	0.110	0.091	0.310	-0.039	-0.083	0.005	0.085	0.329	-0.092	-0.153	-0.031	0.003	0.049
TG(54:6) [NL-20:4]	0.030	-0.049	0.108	0.457	0.704	0.084	0.013	0.155	0.020	0.145	-0.014	-0.070	0.042	0.615	0.823	-0.081	-0.157	-0.006	0.034	0.172
Cer(d18:1/26:0)	0.029	-0.048	0.106	0.463	0.710	-0.027	-0.096	0.041	0.433	0.633	0.031	-0.019	0.081	0.227	0.537	-0.016	-0.086	0.053	0.647	0.815
PC(38:2)	-0.033	-0.123	0.056	0.463	0.710	-0.017	-0.096	0.063	0.680	0.831	0.070	0.007	0.133	0.030	0.193	0.009	-0.075	0.094	0.828	0.909
Cer(m18:1/24:0)	-0.029	-0.108	0.049	0.466	0.713	-0.028	-0.098	0.041	0.421	0.622	0.014	-0.038	0.065	0.600	0.814	0.019	-0.053	0.090	0.607	0.789
CE(20:3)	-0.028	-0.105	0.048	0.468	0.714	0.034	-0.033	0.100	0.319	0.550	0.037	-0.015	0.089	0.165	0.457	-0.008	-0.077	0.061	0.825	0.909
Cer(d19:1/22:0)	0.025	-0.043	0.094	0.470	0.715	0.056	-0.005	0.116	0.073	0.285	0.002	-0.044	0.048	0.932	0.969	-0.058	-0.122	0.005	0.071	0.250
Cer(m18:0/22:0)	-0.030	-0.114	0.053	0.476	0.721	-0.002	-0.075	0.070	0.948	0.977	0.018	-0.037	0.074	0.516	0.768	-0.031	-0.107	0.045	0.427	0.644
PE(P-18:1/18:1) (a)	-0.027	-0.101	0.047	0.475	0.721	-0.055	-0.121	0.010	0.099	0.315	0.128	0.080	0.176	0.000	0.000	0.098	0.030	0.165	0.005	0.059
CE(24:6)	-0.025	-0.093	0.043	0.477	0.721	0.006	-0.054	0.066	0.844	0.937	0.020	-0.024	0.065	0.370	0.672	0.018	-0.044	0.080	0.571	0.758
PE(38:5) (a)	0.030	-0.052	0.111	0.478	0.722	0.081	0.008	0.154	0.030	0.184	-0.058	-0.114	-0.003	0.040	0.226	-0.061	-0.137	0.014	0.111	0.301
TG(52:3) [NL-18:2]	0.028	-0.050	0.107	0.480	0.723	0.055	-0.019	0.129	0.146	0.380	-0.019	-0.079	0.041	0.540	0.779	-0.034	-0.111	0.044	0.394	0.617
Cer(d18:1/16:0)	0.030	-0.054	0.115	0.484	0.727	0.016	-0.061	0.092	0.688	0.836	-0.032	-0.092	0.027	0.282	0.601	-0.101	-0.178	-0.023	0.011	0.089
PE(P-16:0/22:4)	-0.026	-0.099	0.047	0.484	0.727	0.086	0.021	0.151	0.010	0.100	-0.015	-0.065	0.034	0.545	0.779	-0.042	-0.110	0.026	0.229	0.441
PE(18:0_20:3) (a)	-0.031	-0.120	0.057	0.488	0.730	0.009	-0.071	0.090	0.820	0.922	0.006	-0.056	0.067	0.853	0.940	0.041	-0.043	0.125	0.336	0.567
LPI(20:4) [sn1]	-0.024	-0.091	0.044	0.493	0.737	0.047	-0.013	0.107	0.122	0.351	0.006	-0.040	0.052	0.789	0.912	-0.071	-0.134	-0.008	0.027	0.153
Hex3Cer(d18:1/22:0)	-0.029	-0.112	0.055	0.499	0.740	0.037	-0.035	0.110	0.312	0.545	-0.028	-0.083	0.027	0.323	0.635	-0.067	-0.141	0.008	0.081	0.269
PC(P-16:0/16:0)	-0.028	-0.109	0.053	0.498	0.740	0.003	-0.069	0.075	0.930	0.968	-0.046	-0.100	0.007	0.089	0.340	-0.027	-0.102	0.049	0.485	0.695
PC(15:0_20:4)	-0.026	-0.100	0.049	0.499	0.740	0.053	-0.012	0.119	0.109	0.331	-0.009	-0.058	0.040	0.720	0.887	-0.060	-0.129	0.008	0.086	0.271
TG(50:1) [NL-14:0]	-0.026	-0.101	0.049	0.497	0.740	0.027	-0.042	0.096	0.443	0.643	-0.050	-0.103	0.002	0.058	0.270	-0.058	-0.131	0.015	0.118	0.311
Cer(m18:1/22:0)	-0.028	-0.110	0.054	0.506	0.748	-0.027	-0.100	0.045	0.455	0.654	0.005	-0.048	0.059	0.842	0.932	0.006	-0.068	0.081	0.870	0.929
PI(18:0_20:2)	-0.026	-0.103	0.051	0.507	0.749	-0.036	-0.105	0.034	0.313	0.545	0.076	0.024	0.128	0.004	0.057	0.050	-0.023	0.122	0.181	0.386
PC(18:1_18:1)	0.027	-0.053	0.107	0.508	0.750	0.006	-0.065	0.078	0.863	0.943	0.040	-0.017	0.096	0.168	0.458	-0.038	-0.112	0.036	0.315	0.538
PC(31:0) (a)	-0.023	-0.091	0.045	0.515	0.754	0.035	-0.026	0.097	0.260	0.493	-0.020	-0.066	0.026	0.391	0.685	-0.022	-0.085	0.042	0.501	0.701
PI(39:6)	-0.024	-0.095	0.048	0.515	0.754	-0.040	-0.104	0.023	0.212	0.456	0.006	-0.040	0.053	0.787	0.912	0.009	-0.056	0.074	0.788	0.886
PI(38:5) (b)	0.024	-0.049	0.097	0.514	0.754	0.131	0.068	0.194	0.000	0.016	-0.065	-0.120	-0.009	0.023	0.166	-0.121	-0.186	-0.055	0.000	0.017
TG(54:4) [NL-20:3]	-0.027	-0.107	0.054	0.515	0.754	0.070	-0.003	0.142	0.060	0.260	0.016	-0.042	0.073	0.593	0.811	-0.025	-0.102	0.053	0.530	0.727
PE(P-18:1/22:5) (b)	-0.024	-0.095	0.048	0.517	0.755	0.057	-0.006	0.120	0.075	0.286	0.027	-0.024	0.077	0.302	0.620	-0.054	-0.119	0.012	0.109	0.299
AC(16:1)-OH	-0.021	-0.086	0.043	0.520	0.758	0.023	-0.035	0.081	0.439	0.639	-0.019	-0.063	0.025	0.401	0.691	-0.091	-0.151	-0.031	0.003	0.049
Cer(m18:0/24:0)	-0.026	-0.106	0.054	0.524	0.760	-0.011	-0.080	0.058	0.755	0.880	0.023	-0.030	0.076	0.390	0.684	-0.032	-0.104	0.041	0.392	0.615
Cer(d18:1/23:0)	0.027	-0.056	0.110	0.527	0.760	0.043	-0.030	0.117	0.246	0.491	-0.006	-0.062	0.051	0.849	0.937	-0.057	-0.133	0.019	0.143	0.349
SHexCer(d18:1/24:1)	0.027	-0.057	0.112	0.525	0.760	-0.031	-0.100	0.038	0.384	0.592	-0.009	-0.059	0.042	0.733	0.887	-0.028	-0.101	0.044	0.444	0.660
PE(16:0_20:5)	-0.025	-0.101	0.051	0.523	0.760	-0.025	-0.094	0.043	0.463	0.661	-0.032	-0.083	0.019	0.224	0.534	-0.016	-0.087	0.055	0.665	0.823
PI(38:6)	-0.024	-0.097	0.049	0.526	0.760	-0.010	-0.075	0.055	0.764	0.885	-0.002	-0.050	0.046	0.938	0.973	-0.041	-0.108	0.026	0.232	0.444
SM(d17:1/14:0)	0.025	-0.054	0.105	0.529	0.761	0.065	-0.005	0.135	0.069	0.279	0.003	-0.049	0.055	0.909	0.962	-0.017	-0.089	0.056	0.656	0.816
DG(16:0_22:5)	-0.028	-0.116	0.060	0.530	0.761	-0.014	-0.091	0.063	0.725	0.864	-0.060	-0.117	-0.003	0.041	0.227	-0.046	-0.126	0.035	0.264	0.473
PC(17:0_18:2)	0.026	-0.055	0.106	0.534	0.766	0.028	-0.044	0.100	0.448	0.649	0.025	-0.031	0.081	0.384	0.678	-0.031	-0.106	0.045	0.424	0.642
PE(18:0_22:5) (n3)	-0.028	-0.118	0.061	0.535	0.766	0.036	-0.044	0.117	0.373	0.584	-0.075	-0.135	-0.014	0.016	0.137	-0.018	-0.101	0.066	0.676	0.825
AC(12:0)	-0.020	-0.085	0.045	0.538	0.769	0.042	-0.016	0.101	0.152	0.385	-0.011	-0.054	0.033	0.628	0.829	-0.062	-0.123	-0.002	0.044	0.194
PE(16:0_18:3) (b)	0.024	-0.053	0.101	0.540	0.771	0.101	0.032	0.170	0.004	0.065	-0.054	-0.106	-0.001	0.045	0.243	-0.054	-0.126	0.018	0.140	0.344
CE(22:6)	-0.029	-0.121	0.064	0.542	0.772	-0.101	-0.179	-0.023	0.012	0.107	0.059	0.001	0.116	0.045	0.243	0.034	-0.047	0.115	0.407	0.632
SM(41:1) (a)	-0.021	-0.091	0.048	0.546	0.774	0.018	-0.043	0.079	0.562	0.746	0.044	-0.002	0.090	0.058	0.270	0.021	-0.044	0.085	0.531	0.727
PI(16:0_20:3) (a)	0.023	-0.052	0.099	0.546	0.774	0.109	0.042	0.176	0.001	0.037	-0.015	-0.070	0.039	0.584	0.810	-0.056	-0.125	0.014	0.116	0.309
FA(20:4)	0.020	-0.046	0.086	0.547	0.774	0.027	-0.032	0.085	0.374	0.584	-0.024	-0.069	0.021	0.288	0.606	-0.054	-0.114	0.007	0.081	0.268
Ubiquinone	-0.020	-0.087	0.046	0.548	0.774	0.021	-0.038	0.080	0.490	0.684	-0.005	-0.051	0.041	0.845	0.934	-0.002	-0.063	0.060	0.960	0.977
SM(d16:1/24:1)	0.024	-0.056	0.104	0.551	0.775	-0.014	-0.085	0.056	0.688	0.836	0.014	-0.039	0.067	0.603	0.815	-0.077	-0.151	-0.004	0.039	0.183
HexCer(d18:1/18:0)	0.020	-0.046	0.087	0.554	0.775	0.033	-0.028	0.093	0.289	0.525	-0.036	-0.082	0.009	0.121	0.391	-0.037	-0.099	0.026	0.252	0.461
PA(36:2)	0.022	-0.049	0.093	0.551	0.775	0.001	-0.061	0.063	0.974	0.982	0.027	-0.018	0.073	0.244	0.560	0.045	-0.020	0.109	0.173	0.378
PC(14:0_16:0)	0.024	-0.056	0.105	0.554	0.775	0.055	-0.018	0.127	0.139	0.372	-0.060	-0.115	-0.005	0.033	0.209	-0.097	-0.172	-0.023	0.011	0.089
PC(40:8)	0.026	-0.061	0.114	0.555	0.775	0.014	-0.060	0.088	0.707	0.851	0.036	-0.022	0.094	0.225	0.534	-0.054	-0.132	0.023	0.167	0.372
TG(O-50:2) [NL-18:1]	-0.020	-0.085	0.046	0.553	0.775	-0.039	-0.097	0.019	0.191	0.428	0.030	-0.014	0.074	0.185	0.483	-0.041	-0.101	0.020	0.188	0.394
Cer(d17:1/16:0)	0.020	-0.048	0.089	0.563	0.784	0.035	-0.026	0.096	0.257	0.492	0.027	-0.018	0.073	0.236	0.549	0.007	-0.056	0.070	0.829	0.909
Cer(d18:1/18:0)	-0.021	-0.092	0.050	0.563	0.784	0.021	-0.043	0.085	0.529	0.719	-0.036	-0.084	0.012	0.147	0.429	-0.076	-0.142	-0.010	0.024	0.144
PA(36:4)	0.020	-0.049	0.090	0.567	0.785	-0.050	-0.110	0.010	0.105	0.328	0.030	-0.015	0.074	0.192	0.494	0.064	0.002	0.127	0.044	0.194
PC(15:0_22:6)	-0.021	-0.095	0.052	0.565	0.785	-0.073	-0.138	-0.008	0.028	0.182	0.038	-0.011	0.087	0.129	0.407	-0.003	-0.070	0.065	0.940	0.969
FA(18:0)	0.019	-0.046	0.084	0.567	0.785	-0.023	-0.081	0.035	0.441	0.641	-0.002	-0.045	0.041	0.927	0.968	-0.051	-0.111	0.008	0.091	0.278
Cer(d19:1/23:0)	0.020	-0.049	0.088	0.575	0.788	0.038	-0.022	0.099	0.217	0.457	0.010	-0.035	0.056	0.651	0.848	-0.037	-0.099	0.026	0.252	0.461
PC(32:1)	0.023	-0.058	0.105	0.574	0.788	0.097	0.025	0.169	0.008	0.096	-0.084	-0.139	-0.029	0.003	0.045	-0.117	-0.193	-0.042	0.002	0.041
PC(15-MHDA_18:1)	0.021	-0.051	0.092	0.575	0.788	0.039	-0.025	0.103	0.229	0.475	-0.011	-0.060	0.038	0.658	0.849	-0.064	-0.130	0.002	0.059	0.227
PC(P-16:0/18:2)	0.027	-0.066	0.119	0.572	0.788	0.005	-0.074	0.084	0.905	0.960	0.051	-0.009	0.112	0.094	0.346	0.000	-0.083	0.082	0.995	0.997

PC(15:0_20:3)	0.022	-0.054	0.098	0.575	0.788	0.074	0.006	0.142	0.034	0.194	0.018	-0.035	0.070	0.511	0.765	-0.006	-0.076	0.065	0.878	0.934
TG(48:3) [NL-18:3]	0.025	-0.062	0.112	0.575	0.788	0.064	-0.016	0.144	0.117	0.344	-0.039	-0.099	0.021	0.205	0.510	-0.061	-0.145	0.022	0.151	0.358
Cer(d18:1/14:0)	0.020	-0.052	0.092	0.585	0.789	0.041	-0.023	0.106	0.206	0.450	-0.011	-0.059	0.037	0.665	0.854	-0.045	-0.111	0.021	0.185	0.390
Cer(d18:1/24:0)	0.023	-0.059	0.105	0.580	0.789	0.009	-0.063	0.081	0.807	0.914	0.031	-0.025	0.086	0.277	0.596	-0.009	-0.083	0.066	0.822	0.909
PC(33:2)	0.022	-0.055	0.099	0.584	0.789	0.070	0.001	0.139	0.046	0.225	-0.009	-0.062	0.043	0.725	0.887	-0.036	-0.108	0.036	0.325	0.551
PE(16:0_20:3)	0.022	-0.056	0.100	0.581	0.789	0.084	0.014	0.154	0.019	0.141	-0.048	-0.104	0.008	0.095	0.346	-0.046	-0.118	0.027	0.219	0.426
PI(15-MHDA_20:4) & PI(17:0_20:4)	0.021	-0.054	0.097	0.578	0.789	0.095	0.028	0.162	0.006	0.077	-0.008	-0.060	0.043	0.746	0.894	-0.065	-0.136	0.005	0.069	0.249
dxCA	0.018	-0.047	0.083	0.581	0.789	0.061	0.004	0.119	0.037	0.198	-0.021	-0.064	0.022	0.339	0.648	-0.051	-0.110	0.009	0.097	0.281
DG(16:1_18:1)	0.031	-0.079	0.140	0.582	0.789	0.062	-0.032	0.155	0.197	0.435	-0.088	-0.162	-0.015	0.018	0.148	-0.164	-0.260	-0.067	0.001	0.028
DG(18:1_20:3)	-0.023	-0.106	0.060	0.585	0.789	0.016	-0.058	0.089	0.677	0.830	0.018	-0.038	0.074	0.538	0.779	-0.059	-0.136	0.018	0.135	0.335
CE(22:6) [+OH]	0.019	-0.050	0.088	0.582	0.789	-0.080	-0.141	-0.019	0.010	0.100	-0.002	-0.051	0.047	0.936	0.972	-0.067	-0.130	-0.005	0.036	0.177
FA(18:2)	-0.018	-0.085	0.048	0.588	0.791	-0.017	-0.076	0.043	0.582	0.765	-0.001	-0.045	0.043	0.962	0.983	-0.045	-0.106	0.017	0.156	0.359
methyl-CE(18:1)	-0.020	-0.094	0.053	0.592	0.793	-0.030	-0.097	0.036	0.370	0.583	0.063	0.014	0.112	0.012	0.114	0.044	-0.024	0.112	0.208	0.415
TG(54:3) [NL-18:2]	0.021	-0.055	0.096	0.591	0.793	0.041	-0.029	0.112	0.248	0.492	-0.013	-0.069	0.043	0.653	0.848	-0.016	-0.090	0.058	0.674	0.824
PC(P-18:0/18:2)	0.023	-0.062	0.109	0.593	0.793	0.029	-0.044	0.103	0.432	0.633	0.036	-0.021	0.093	0.218	0.530	-0.028	-0.105	0.049	0.473	0.686
SM(38:3) (a)	0.019	-0.052	0.091	0.595	0.795	0.058	-0.006	0.123	0.074	0.286	-0.023	-0.072	0.025	0.345	0.653	-0.075	-0.142	-0.009	0.027	0.152
PE(20:0_20:4)	0.020	-0.054	0.094	0.597	0.796	0.020	-0.046	0.087	0.553	0.742	-0.021	-0.070	0.029	0.414	0.705	0.029	-0.040	0.098	0.415	0.640
PE(16:0_18:3) (a)	0.021	-0.057	0.098	0.599	0.797	0.060	-0.010	0.130	0.091	0.310	-0.041	-0.094	0.013	0.135	0.417	-0.062	-0.134	0.011	0.095	0.278
HexCer(d18:2/18:0)	0.018	-0.051	0.088	0.605	0.803	0.010	-0.053	0.072	0.765	0.885	-0.020	-0.066	0.027	0.402	0.691	-0.047	-0.112	0.017	0.149	0.357
TG(51:2) [NL-15:0]	0.021	-0.059	0.101	0.605	0.803	0.037	-0.037	0.111	0.330	0.564	-0.016	-0.073	0.042	0.596	0.811	-0.025	-0.102	0.052	0.529	0.727
SM(37:1)	-0.019	-0.092	0.054	0.609	0.804	0.037	-0.027	0.102	0.258	0.493	0.033	-0.015	0.082	0.179	0.479	0.021	-0.047	0.089	0.539	0.729
Cer(d18:2/18:0)	-0.019	-0.093	0.055	0.608	0.804	0.006	-0.060	0.071	0.867	0.943	-0.017	-0.067	0.032	0.492	0.747	-0.018	-0.086	0.051	0.613	0.796
CE(14:0)	0.018	-0.051	0.087	0.611	0.805	0.028	-0.033	0.090	0.370	0.583	-0.029	-0.075	0.016	0.209	0.517	-0.034	-0.097	0.030	0.299	0.519
PE(36:0)	-0.017	-0.081	0.048	0.614	0.808	0.018	-0.039	0.075	0.537	0.729	-0.010	-0.052	0.033	0.655	0.849	-0.011	-0.071	0.048	0.705	0.840
PC(16:0_22:6)	-0.019	-0.093	0.055	0.617	0.809	-0.084	-0.149	-0.020	0.011	0.106	0.040	-0.010	0.089	0.116	0.388	-0.007	-0.075	0.061	0.837	0.912
LPE(P-16:0)	0.017	-0.049	0.082	0.619	0.809	-0.017	-0.075	0.041	0.574	0.757	0.030	-0.014	0.074	0.177	0.476	0.025	-0.035	0.085	0.419	0.640
DG(16:0_16:1)	-0.026	-0.127	0.076	0.619	0.809	0.070	-0.018	0.158	0.120	0.346	-0.078	-0.147	-0.009	0.026	0.181	-0.144	-0.236	-0.051	0.002	0.041
TG(48:2) [NL-16:1]	0.021	-0.063	0.106	0.617	0.809	0.092	0.016	0.168	0.018	0.140	-0.074	-0.133	-0.015	0.014	0.125	-0.114	-0.194	-0.035	0.005	0.061
PC(P-17:0/20:4) (b)	-0.018	-0.088	0.053	0.621	0.809	0.015	-0.047	0.077	0.631	0.790	0.053	0.006	0.099	0.027	0.185	-0.027	-0.091	0.037	0.408	0.632
PE(18:1_18:1)	-0.018	-0.089	0.053	0.621	0.809	-0.014	-0.079	0.051	0.681	0.831	0.049	0.001	0.097	0.047	0.243	0.046	-0.022	0.113	0.184	0.389
Cer(d16:1/18:0)	-0.018	-0.092	0.055	0.623	0.810	0.024	-0.040	0.089	0.460	0.659	-0.003	-0.051	0.046	0.918	0.964	-0.011	-0.079	0.056	0.740	0.863
SM(d18:2/17:0)	-0.021	-0.105	0.063	0.624	0.810	0.043	-0.030	0.116	0.251	0.492	0.029	-0.028	0.086	0.320	0.635	-0.069	-0.145	0.008	0.077	0.264
PC(20:0_20:4)	0.018	-0.055	0.091	0.626	0.811	0.044	-0.021	0.109	0.186	0.426	0.007	-0.042	0.055	0.789	0.912	-0.011	-0.079	0.058	0.762	0.874
PE(P-18:0/18:3)	-0.017	-0.088	0.053	0.628	0.812	0.018	-0.044	0.081	0.563	0.746	0.039	-0.008	0.086	0.102	0.364	0.024	-0.040	0.089	0.465	0.678
AC(22:5)	0.016	-0.050	0.083	0.630	0.813	-0.005	-0.064	0.055	0.878	0.947	0.005	-0.039	0.049	0.812	0.925	0.009	-0.052	0.070	0.771	0.875
PE(P-20:0/20:4)	-0.017	-0.087	0.053	0.634	0.814	-0.031	-0.093	0.031	0.332	0.565	0.019	-0.027	0.065	0.427	0.713	-0.048	-0.112	0.016	0.143	0.349
AC(18:0)	0.017	-0.052	0.085	0.634	0.814	0.034	-0.028	0.096	0.285	0.520	-0.032	-0.080	0.015	0.183	0.482	-0.098	-0.162	-0.033	0.003	0.049
TG(52:2) [NL-16:0]	-0.019	-0.099	0.060	0.633	0.814	0.051	-0.024	0.126	0.184	0.425	0.010	-0.051	0.071	0.757	0.899	-0.048	-0.128	0.031	0.234	0.444
SM(d18:0/16:0)	-0.019	-0.097	0.059	0.636	0.816	-0.048	-0.118	0.022	0.181	0.425	0.086	0.033	0.139	0.001	0.027	0.074	0.002	0.147	0.045	0.194
SM(d18:2/14:0)	0.024	-0.076	0.124	0.644	0.824	0.080	-0.007	0.167	0.070	0.282	-0.002	-0.066	0.062	0.952	0.979	-0.036	-0.126	0.054	0.428	0.644
PE(18:0_18:2)	-0.020	-0.106	0.066	0.651	0.827	-0.001	-0.081	0.078	0.972	0.982	-0.009	-0.069	0.050	0.757	0.899	0.014	-0.068	0.096	0.735	0.860
PE(P-18:1/22:4)	-0.016	-0.088	0.055	0.653	0.827	0.126	0.063	0.188	0.000	0.016	-0.008	-0.071	0.055	0.799	0.916	-0.104	-0.170	-0.039	0.002	0.041
PE(O-16:0/18:2)	-0.016	-0.086	0.054	0.654	0.827	-0.006	-0.069	0.057	0.851	0.938	0.026	-0.020	0.073	0.269	0.588	-0.001	-0.066	0.063	0.965	0.978
FA(20:5)	-0.016	-0.086	0.054	0.653	0.827	-0.046	-0.108	0.016	0.146	0.380	0.011	-0.035	0.057	0.627	0.829	0.015	-0.049	0.078	0.655	0.816
AC(16:0)	-0.015	-0.082	0.051	0.651	0.827	0.022	-0.038	0.082	0.466	0.662	-0.037	-0.081	0.008	0.106	0.368	-0.069	-0.130	-0.007	0.028	0.154
methyl-DE(18:2)	-0.018	-0.098	0.061	0.651	0.827	-0.002	-0.074	0.070	0.963	0.980	0.069	0.016	0.122	0.011	0.110	0.086	0.013	0.160	0.022	0.134
TG(54:5) [NL-20:4]	-0.018	-0.095	0.059	0.654	0.827	0.033	-0.037	0.102	0.354	0.576	0.014	-0.039	0.067	0.609	0.819	-0.017	-0.091	0.057	0.659	0.819
SM(37:2)	-0.018	-0.098	0.061	0.656	0.828	0.008	-0.060	0.076	0.820	0.922	0.067	0.017	0.117	0.009	0.100	0.047	-0.023	0.117	0.188	0.394
LPI(20:4) [sn2]	-0.016	-0.085	0.054	0.658	0.830	0.072	0.013	0.132	0.018	0.141	-0.014	-0.063	0.035	0.571	0.801	-0.099	-0.162	-0.035	0.002	0.041
PC(40:7) (a)	0.020	-0.070	0.110	0.660	0.830	0.071	-0.005	0.148	0.067	0.272	0.044	-0.017	0.105	0.160	0.454	-0.020	-0.102	0.062	0.636	0.809
PC(15-MHDA_20:4)	-0.016	-0.089	0.056	0.660	0.830	0.047	-0.017	0.111	0.150	0.384	0.009	-0.040	0.058	0.725	0.887	-0.070	-0.137	-0.003	0.041	0.185
PE(16:0_18:2)	0.018	-0.062	0.097	0.662	0.831	0.057	-0.017	0.130	0.129	0.359	-0.047	-0.102	0.008	0.094	0.346	-0.033	-0.108	0.043	0.399	0.624
PE(16:0_20:4)	-0.018	-0.098	0.063	0.669	0.835	0.041	-0.032	0.115	0.271	0.506	-0.052	-0.108	0.003	0.063	0.284	-0.061	-0.137	0.014	0.112	0.302
PI(18:0_20:4)	0.018	-0.063	0.098	0.668	0.835	0.062	-0.009	0.134	0.088	0.310	-0.027	-0.083	0.030	0.354	0.666	-0.118	-0.194	-0.042	0.002	0.041
PG(34:1)	0.020	-0.072	0.112	0.669	0.835	-0.004	-0.085	0.078	0.932	0.969	-0.055	-0.117	0.008	0.088	0.338	-0.110	-0.195	-0.025	0.011	0.090
FA(20:3)	-0.015	-0.083	0.053	0.673	0.839	0.009	-0.051	0.069	0.778	0.897	0.008	-0.037	0.053	0.725	0.887	-0.051	-0.113	0.010	0.103	0.287
AC(18:1)-OH	-0.014	-0.079	0.051	0.679	0.845	0.007	-0.052	0.066	0.809	0.916	-0.019	-0.063	0.025	0.399	0.691	-0.069	-0.130	-0.008	0.028	0.153
Cer(d19:1/24:0)	0.014	-0.055	0.083	0.681	0.846	0.019	-0.042	0.080	0.541	0.730	0.022	-0.023	0.067	0.336	0.646	-0.006	-0.069	0.058	0.860	0.923
SM(d17:1/16:0)	-0.018	-0.103	0.067	0.686	0.848	0.039	-0.036	0.113	0.313	0.545	0.030	-0.027	0.087	0.308	0.623	-0.054	-0.133	0.025	0.181	0.386
PC(P-16:0/18:0)	0.019	-0.073	0.110	0.688	0.848	0.032	-0.046	0.111	0.420	0.622	0.004	-0.057	0.065	0.898	0.960	-0.058	-0.141	0.025	0.169	0.372
PC(P-36:3)	0.017	-0.065	0.098	0.687	0.848	0.044	-0.025	0.114	0.210	0.454	0.060	0.005	0.115	0.033	0.206	-0.022	-0.095	0.050	0.549	0.739

PE(17:0_18:2)	0.016	-0.062	0.093	0.688	0.848	0.062	-0.010	0.134	0.092	0.310	-0.009	-0.064	0.045	0.733	0.887	-0.036	-0.110	0.038	0.338	0.568
TG(56:8) [NL-20:4]	0.014	-0.056	0.085	0.686	0.848	0.047	-0.016	0.110	0.140	0.374	-0.006	-0.054	0.043	0.816	0.925	-0.047	-0.113	0.019	0.162	0.366
PS(40:5)	-0.013	-0.078	0.052	0.691	0.850	-0.015	-0.072	0.043	0.616	0.783	0.006	-0.036	0.049	0.769	0.902	0.006	-0.054	0.065	0.844	0.916
PE(15-MHDA_18:1)	-0.015	-0.088	0.059	0.699	0.858	0.033	-0.032	0.099	0.319	0.550	-0.014	-0.063	0.035	0.572	0.801	-0.033	-0.101	0.035	0.339	0.569
CE(20:2)	0.017	-0.072	0.107	0.705	0.864	0.013	-0.065	0.091	0.745	0.873	0.035	-0.026	0.097	0.254	0.572	-0.047	-0.131	0.037	0.270	0.479
SM(34:3)	-0.016	-0.102	0.070	0.708	0.865	0.085	0.017	0.153	0.014	0.116	-0.010	-0.074	0.055	0.772	0.902	-0.118	-0.188	-0.048	0.001	0.028
CE(20:4) [+OH]	0.014	-0.057	0.085	0.708	0.865	0.012	-0.051	0.076	0.705	0.851	-0.009	-0.057	0.040	0.728	0.887	-0.111	-0.176	-0.046	0.001	0.027
SM(d18:2/24:0)	-0.017	-0.108	0.074	0.709	0.865	0.002	-0.076	0.080	0.958	0.980	0.051	-0.008	0.110	0.091	0.342	0.033	-0.049	0.115	0.427	0.644
SM(38:3) (b)	-0.013	-0.082	0.056	0.712	0.867	0.091	0.031	0.151	0.003	0.055	0.013	-0.038	0.064	0.614	0.823	-0.077	-0.140	-0.015	0.015	0.110
PE(P-18:1/18:3)	0.013	-0.057	0.083	0.718	0.870	0.008	-0.054	0.070	0.795	0.908	0.079	0.032	0.126	0.001	0.021	0.056	-0.009	0.121	0.091	0.278
AC(14:1)	-0.012	-0.077	0.053	0.717	0.870	0.027	-0.032	0.085	0.369	0.583	-0.020	-0.064	0.024	0.374	0.676	-0.069	-0.130	-0.008	0.028	0.153
TG(51:2) [NL-17:0]	0.016	-0.072	0.104	0.718	0.870	0.084	0.002	0.165	0.044	0.219	-0.055	-0.118	0.007	0.084	0.329	-0.112	-0.198	-0.027	0.010	0.089
PC(16:0_18:1)	0.015	-0.070	0.100	0.725	0.878	0.019	-0.056	0.093	0.623	0.783	-0.033	-0.092	0.026	0.270	0.588	-0.046	-0.125	0.033	0.255	0.464
SM(d18:2/18:1)	-0.014	-0.093	0.065	0.731	0.882	0.080	0.013	0.146	0.019	0.141	-0.012	-0.072	0.049	0.707	0.875	-0.120	-0.189	-0.052	0.001	0.025
PI(15-MHDA_18:1) & PI(17:0_18:1)	-0.012	-0.078	0.055	0.733	0.882	0.028	-0.032	0.089	0.362	0.580	0.024	-0.023	0.071	0.310	0.626	-0.003	-0.066	0.060	0.922	0.958
LPI(18:0) [sn1]	-0.012	-0.082	0.058	0.734	0.882	0.004	-0.057	0.064	0.908	0.961	0.005	-0.040	0.050	0.825	0.925	0.040	-0.023	0.103	0.213	0.422
TG(50:4) [NL-20:4]	-0.014	-0.095	0.067	0.732	0.882	0.051	-0.023	0.124	0.177	0.420	-0.029	-0.084	0.027	0.313	0.628	-0.060	-0.138	0.018	0.130	0.332
Cer(d17:1/20:0)	0.011	-0.059	0.082	0.748	0.883	0.053	-0.010	0.115	0.098	0.312	-0.005	-0.052	0.042	0.839	0.932	-0.014	-0.079	0.051	0.669	0.823
Cer(d17:1/23:0)	0.012	-0.060	0.085	0.737	0.883	0.049	-0.015	0.114	0.134	0.366	0.004	-0.044	0.052	0.879	0.953	-0.019	-0.086	0.048	0.578	0.760
Cer(d18:1/20:0)	0.012	-0.061	0.085	0.746	0.883	0.045	-0.021	0.111	0.185	0.425	-0.026	-0.077	0.024	0.302	0.620	-0.073	-0.141	-0.004	0.038	0.182
Cer(d19:1/20:0)	0.011	-0.054	0.077	0.737	0.883	0.050	-0.009	0.108	0.096	0.312	-0.018	-0.062	0.025	0.408	0.697	-0.069	-0.129	-0.009	0.025	0.147
SM(d18:1/17:0) & SM(d17:1/18:0)	-0.011	-0.079	0.057	0.748	0.883	-0.017	-0.077	0.043	0.584	0.766	0.032	-0.013	0.076	0.168	0.458	0.010	-0.053	0.073	0.760	0.874
PC(O-36:0)	0.013	-0.063	0.088	0.741	0.883	0.078	0.011	0.145	0.023	0.163	-0.032	-0.084	0.019	0.222	0.534	-0.036	-0.107	0.035	0.314	0.538
PC(17:0_20:4)	-0.012	-0.084	0.060	0.741	0.883	0.034	-0.030	0.097	0.297	0.528	0.012	-0.036	0.061	0.618	0.825	-0.077	-0.143	-0.010	0.024	0.145
PC(P-15:0/20:4) (a)	-0.011	-0.077	0.055	0.741	0.883	0.025	-0.034	0.083	0.409	0.617	0.044	0.001	0.088	0.047	0.243	-0.002	-0.062	0.059	0.961	0.977
PE(15-MHDA_20:4)	0.012	-0.062	0.087	0.744	0.883	0.046	-0.019	0.112	0.167	0.400	-0.024	-0.073	0.025	0.333	0.646	-0.040	-0.108	0.028	0.253	0.461
PE(18:1_22:6) (a)	-0.013	-0.090	0.065	0.748	0.883	-0.053	-0.123	0.017	0.140	0.374	0.020	-0.032	0.073	0.452	0.728	0.016	-0.056	0.088	0.667	0.823
PE(P-20:0/18:2)	0.012	-0.062	0.086	0.748	0.883	0.007	-0.059	0.074	0.830	0.928	0.017	-0.032	0.065	0.498	0.753	0.020	-0.048	0.088	0.560	0.749
CE(18:1)	-0.015	-0.106	0.075	0.743	0.883	-0.021	-0.100	0.058	0.608	0.778	0.040	-0.026	0.106	0.237	0.550	-0.110	-0.193	-0.027	0.010	0.089
Cer1P(d18:1/16:0)	0.014	-0.072	0.100	0.752	0.884	0.037	-0.039	0.113	0.343	0.572	0.003	-0.054	0.059	0.928	0.968	-0.039	-0.116	0.038	0.324	0.551
CE(17:0)	0.013	-0.067	0.093	0.752	0.884	0.006	-0.064	0.076	0.866	0.943	0.008	-0.045	0.060	0.772	0.902	-0.026	-0.100	0.047	0.480	0.689
Sph(d18:2)	0.010	-0.053	0.073	0.759	0.890	-0.053	-0.110	0.003	0.065	0.269	0.019	-0.029	0.068	0.433	0.715	0.043	-0.015	0.102	0.148	0.357
CE(17:1)	-0.012	-0.087	0.064	0.759	0.890	0.042	-0.026	0.109	0.227	0.473	-0.015	-0.066	0.036	0.565	0.797	-0.057	-0.128	0.013	0.110	0.301
Hex3Cer(d18:1/24:1)	0.013	-0.074	0.101	0.765	0.894	-0.037	-0.114	0.039	0.338	0.571	0.006	-0.051	0.063	0.826	0.925	-0.090	-0.170	-0.011	0.026	0.152
PC(16:0_20:4)	-0.011	-0.082	0.060	0.764	0.894	0.039	-0.023	0.101	0.222	0.465	-0.036	-0.084	0.011	0.136	0.418	-0.067	-0.133	-0.001	0.048	0.200
PC(17:0_18:1)	0.012	-0.068	0.092	0.770	0.894	0.012	-0.059	0.083	0.748	0.875	0.022	-0.034	0.078	0.444	0.723	-0.057	-0.131	0.017	0.134	0.334
PC(P-38:5) (a)	-0.014	-0.104	0.077	0.769	0.894	0.038	-0.038	0.114	0.332	0.565	0.054	-0.006	0.115	0.079	0.320	-0.067	-0.145	0.011	0.094	0.278
PG(36:2)	0.013	-0.075	0.101	0.770	0.894	-0.069	-0.148	0.011	0.090	0.310	-0.054	-0.112	0.005	0.074	0.308	-0.011	-0.091	0.070	0.796	0.891
TG(56:8) [NL-20:5]	-0.010	-0.079	0.058	0.769	0.894	-0.026	-0.088	0.036	0.413	0.617	0.005	-0.041	0.051	0.817	0.925	0.006	-0.058	0.071	0.846	0.916
TG(54:7) [NL-20:5]	-0.011	-0.087	0.065	0.776	0.900	-0.019	-0.087	0.050	0.594	0.775	-0.024	-0.075	0.027	0.357	0.667	-0.031	-0.102	0.041	0.400	0.625
Hex3Cer(d18:1/24:0)	-0.012	-0.099	0.075	0.782	0.906	-0.007	-0.083	0.069	0.858	0.940	-0.009	-0.065	0.047	0.754	0.899	-0.066	-0.143	0.011	0.092	0.278
PI(36:2)	0.010	-0.066	0.087	0.789	0.912	0.028	-0.042	0.098	0.430	0.633	0.006	-0.048	0.059	0.829	0.927	-0.048	-0.120	0.024	0.189	0.394
TG(50:2) [NL-18:2]	-0.010	-0.088	0.067	0.794	0.916	0.034	-0.039	0.107	0.362	0.580	-0.036	-0.093	0.020	0.204	0.509	-0.032	-0.110	0.046	0.418	0.640
FA(18:3)	-0.009	-0.076	0.058	0.799	0.921	-0.001	-0.061	0.059	0.980	0.985	0.003	-0.042	0.048	0.895	0.959	-0.056	-0.118	0.006	0.075	0.259
PI(16:0_20:4)	-0.010	-0.089	0.069	0.809	0.931	0.100	0.030	0.171	0.005	0.077	-0.023	-0.076	0.030	0.401	0.691	-0.075	-0.150	-0.001	0.047	0.200
DG(18:1_18:1)	-0.014	-0.128	0.100	0.812	0.933	-0.080	-0.179	0.020	0.118	0.346	0.006	-0.069	0.082	0.869	0.949	-0.052	-0.153	0.050	0.319	0.544
DG(16:0_18:2)	0.013	-0.096	0.122	0.817	0.937	0.008	-0.086	0.102	0.866	0.943	-0.055	-0.129	0.018	0.141	0.424	-0.083	-0.179	0.014	0.095	0.278
PC(P-16:0/14:0)	0.009	-0.070	0.088	0.818	0.937	0.006	-0.064	0.075	0.872	0.944	-0.053	-0.105	-0.002	0.041	0.229	0.001	-0.071	0.073	0.982	0.989
PA(36:1)	-0.008	-0.076	0.060	0.821	0.939	-0.001	-0.060	0.058	0.974	0.982	0.028	-0.015	0.071	0.203	0.509	0.038	-0.023	0.098	0.221	0.427
SM(43:2) (b)	-0.008	-0.082	0.065	0.824	0.940	-0.028	-0.093	0.037	0.399	0.608	0.052	0.004	0.101	0.034	0.210	-0.027	-0.096	0.041	0.430	0.646
PC(15-MHDA_22:6)	0.008	-0.063	0.079	0.825	0.940	-0.048	-0.111	0.014	0.130	0.360	0.033	-0.013	0.080	0.162	0.454	-0.014	-0.079	0.051	0.672	0.824
AC(26:1)	-0.008	-0.076	0.061	0.827	0.941	-0.014	-0.077	0.048	0.648	0.805	0.028	-0.019	0.075	0.243	0.558	-0.003	-0.067	0.062	0.936	0.967
TG(53:2) [NL-18:1]	-0.010	-0.102	0.082	0.827	0.941	-0.002	-0.086	0.081	0.960	0.980	0.020	-0.044	0.084	0.538	0.779	-0.063	-0.150	0.025	0.159	0.363
Cer(d19:1/16:0)	-0.007	-0.074	0.060	0.831	0.942	0.004	-0.056	0.064	0.903	0.960	-0.008	-0.054	0.038	0.728	0.887	-0.074	-0.136	-0.013	0.018	0.124
CE(22:4)	0.009	-0.071	0.089	0.832	0.942	0.107	0.037	0.177	0.003	0.055	-0.062	-0.118	-0.006	0.029	0.192	-0.137	-0.211	-0.064	0.000	0.017
PA(40:6)	0.007	-0.060	0.074	0.841	0.947	0.023	-0.035	0.081	0.434	0.633	-0.009	-0.052	0.034	0.669	0.855	-0.004	-0.064	0.057	0.908	0.948
PC(P-18:0/22:5)	-0.009	-0.093	0.075	0.837	0.947	0.013	-0.060	0.086	0.727	0.864	0.017	-0.038	0.073	0.544	0.779	-0.046	-0.121	0.028	0.225	0.435
AC(24:1)	0.007	-0.060	0.074	0.840	0.947	-0.015	-0.076	0.046	0.622	0.783	0.011	-0.037	0.058	0.666	0.854	-0.060	-0.124	0.003	0.062	0.234
CE(20:4)	0.011	-0.096	0.118	0.839	0.947	0.077	-0.018	0.172	0.110	0.333	-0.014	-0.084	0.055	0.683	0.864	-0.115	-0.212	-0.018	0.020	0.128
GM3(d18:1/20:0)	0.006	-0.059	0.071	0.845	0.947	0.025	-0.034	0.084	0.411	0.617	-0.003	-0.052	0.046	0.903	0.961	-0.051	-0.112	0.010	0.101	0.284
PC(33:0) (a)	0.007	-0.067	0.081	0.847	0.947	0.051	-0.015	0.117	0.128	0.358	-0.020	-0.070	0.031	0.443	0.722	-0.059	-0.128	0.009	0.089	0.275

SM(d19:1/24:1)	0.007	-0.060	0.073	0.848	0.947	-0.006	-0.065	0.054	0.851	0.938	0.042	-0.002	0.085	0.062	0.283	-0.023	-0.084	0.039	0.473	0.686
PC(44:12)	-0.007	-0.076	0.063	0.849	0.947	-0.068	-0.131	-0.006	0.032	0.188	0.031	-0.016	0.077	0.193	0.495	-0.029	-0.093	0.035	0.377	0.604
PI(16:0_20:3) (b)	0.008	-0.071	0.086	0.848	0.947	0.081	0.012	0.151	0.022	0.152	-0.041	-0.095	0.013	0.133	0.413	-0.080	-0.153	-0.007	0.031	0.162
TG(51:2) [NL-17:1]	0.009	-0.078	0.095	0.845	0.947	0.082	0.004	0.160	0.040	0.210	-0.025	-0.086	0.036	0.421	0.709	-0.106	-0.189	-0.024	0.012	0.090
PC(33:1)	0.008	-0.073	0.089	0.852	0.949	0.070	-0.002	0.142	0.058	0.254	-0.032	-0.088	0.023	0.257	0.574	-0.075	-0.150	0.001	0.052	0.207
PC(18:0_18:2)	0.008	-0.073	0.089	0.851	0.949	0.035	-0.039	0.109	0.350	0.576	0.015	-0.043	0.073	0.622	0.826	0.013	-0.064	0.089	0.741	0.863
Cer(d16:1/16:0)	-0.007	-0.078	0.064	0.854	0.949	0.017	-0.046	0.080	0.602	0.778	-0.034	-0.080	0.013	0.155	0.446	-0.036	-0.101	0.029	0.274	0.483
Cer(d19:1/18:0)	0.006	-0.060	0.072	0.856	0.950	0.029	-0.029	0.088	0.324	0.557	-0.008	-0.051	0.036	0.734	0.887	-0.065	-0.125	-0.004	0.036	0.180
PE(P-18:1/22:5) (a)	-0.007	-0.079	0.066	0.857	0.950	0.038	-0.025	0.102	0.238	0.481	0.037	-0.014	0.088	0.155	0.446	0.010	-0.056	0.076	0.767	0.874
PE(O-18:1/18:2)	-0.006	-0.077	0.065	0.868	0.959	-0.010	-0.073	0.053	0.759	0.885	0.065	0.018	0.112	0.007	0.081	0.047	-0.018	0.112	0.156	0.359
PE(P-18:1/18:2) (a)	0.006	-0.066	0.078	0.868	0.959	0.004	-0.059	0.067	0.905	0.960	0.073	0.026	0.121	0.003	0.041	0.078	0.012	0.143	0.020	0.128
TG(50:2) [NL-16:1]	0.007	-0.071	0.084	0.870	0.960	0.066	-0.006	0.137	0.072	0.282	-0.056	-0.111	0.000	0.048	0.245	-0.077	-0.152	-0.002	0.044	0.194
PC(36:6) (a)	0.006	-0.071	0.083	0.876	0.961	0.007	-0.062	0.075	0.849	0.938	-0.031	-0.082	0.020	0.227	0.537	-0.040	-0.111	0.031	0.267	0.475
PC(14:0_20:4)	0.007	-0.076	0.089	0.877	0.961	0.064	-0.009	0.136	0.085	0.302	-0.039	-0.094	0.016	0.163	0.454	-0.100	-0.176	-0.024	0.010	0.089
PE(P-18:1/18:2) (b)	-0.005	-0.073	0.062	0.876	0.961	0.064	0.004	0.125	0.036	0.197	0.019	-0.033	0.070	0.479	0.737	-0.043	-0.106	0.019	0.174	0.379
LPI(18:2) [sn2]	0.005	-0.062	0.072	0.875	0.961	0.064	0.005	0.124	0.033	0.190	-0.015	-0.060	0.030	0.524	0.773	-0.023	-0.085	0.039	0.462	0.676
TG(56:7) [NL-20:4]	-0.005	-0.071	0.061	0.877	0.961	0.043	-0.015	0.102	0.146	0.381	0.029	-0.018	0.075	0.224	0.534	-0.034	-0.095	0.028	0.287	0.504
DG(18:2_20:4)	0.006	-0.076	0.089	0.879	0.961	0.013	-0.060	0.085	0.736	0.868	0.001	-0.055	0.056	0.982	0.992	-0.072	-0.148	0.004	0.063	0.238
PC(38:4) (b)	-0.006	-0.086	0.074	0.881	0.961	0.124	0.055	0.193	0.000	0.021	-0.036	-0.094	0.023	0.233	0.546	-0.068	-0.141	0.005	0.067	0.248
TG(O-50:2) [NL-18:2]	-0.005	-0.072	0.062	0.881	0.961	-0.021	-0.082	0.040	0.493	0.686	0.063	0.017	0.110	0.007	0.083	0.010	-0.053	0.073	0.756	0.874
TG(50:3) [NL-18:3]	0.006	-0.075	0.087	0.884	0.963	0.046	-0.030	0.122	0.238	0.481	-0.015	-0.073	0.043	0.620	0.825	-0.039	-0.120	0.041	0.342	0.569
Cer(m18:1/24:1)	-0.005	-0.085	0.074	0.893	0.965	-0.040	-0.110	0.030	0.262	0.493	-0.019	-0.071	0.033	0.471	0.737	-0.064	-0.137	0.008	0.081	0.268
SM(d18:2/16:0)	-0.007	-0.110	0.096	0.892	0.965	0.024	-0.066	0.114	0.602	0.778	0.004	-0.065	0.073	0.909	0.962	-0.083	-0.177	0.011	0.085	0.270
PC(16:0_20:3) (a)	0.006	-0.082	0.094	0.895	0.965	0.105	0.030	0.179	0.006	0.080	0.003	-0.062	0.068	0.917	0.964	-0.041	-0.120	0.038	0.313	0.538
PC(38:7) (c)	0.006	-0.075	0.086	0.890	0.965	-0.008	-0.075	0.060	0.822	0.922	-0.007	-0.064	0.051	0.815	0.925	-0.099	-0.169	-0.029	0.006	0.065
PC(P-17:0/20:4) (a)	0.005	-0.065	0.075	0.891	0.965	0.044	-0.018	0.106	0.163	0.398	0.035	-0.012	0.082	0.141	0.424	-0.048	-0.112	0.017	0.146	0.353
TG(O-54:4) [NL-18:2]	0.004	-0.062	0.071	0.895	0.965	-0.016	-0.076	0.044	0.605	0.778	0.077	0.029	0.124	0.001	0.027	0.028	-0.034	0.090	0.373	0.603
TG(48:2) [NL-14:1]	0.006	-0.078	0.089	0.891	0.965	0.069	-0.007	0.146	0.074	0.286	-0.054	-0.113	0.005	0.072	0.302	-0.089	-0.168	-0.009	0.029	0.154
PC(34:5)	-0.005	-0.079	0.069	0.897	0.965	-0.024	-0.090	0.042	0.475	0.669	-0.023	-0.072	0.026	0.360	0.668	-0.022	-0.090	0.047	0.537	0.729
PS(36:2)	-0.004	-0.068	0.060	0.901	0.968	0.073	0.017	0.130	0.011	0.106	-0.042	-0.088	0.003	0.068	0.294	-0.026	-0.086	0.033	0.382	0.610
PC(O-18:0/20:4)	0.004	-0.065	0.074	0.904	0.970	0.084	0.022	0.147	0.008	0.095	0.003	-0.045	0.052	0.889	0.955	-0.092	-0.157	-0.027	0.006	0.065
AC(14:0)	-0.004	-0.069	0.061	0.910	0.975	0.049	-0.009	0.107	0.097	0.312	-0.039	-0.082	0.004	0.076	0.313	-0.088	-0.148	-0.028	0.004	0.056
PC(16:0_20:3) (b)	-0.004	-0.082	0.073	0.911	0.975	0.087	0.018	0.156	0.014	0.116	-0.053	-0.108	0.002	0.058	0.270	-0.065	-0.138	0.008	0.080	0.268
LPC(20:5) [sn1]	0.004	-0.066	0.074	0.919	0.976	-0.030	-0.093	0.033	0.347	0.575	-0.013	-0.059	0.034	0.591	0.811	0.003	-0.061	0.068	0.921	0.958
PE(P-16:0/18:3)	-0.004	-0.074	0.067	0.914	0.976	-0.009	-0.070	0.053	0.786	0.902	0.063	0.017	0.109	0.007	0.082	0.038	-0.026	0.102	0.248	0.459
CE(15:0)	0.004	-0.070	0.078	0.917	0.976	0.026	-0.041	0.092	0.454	0.654	0.001	-0.049	0.050	0.976	0.990	0.029	-0.041	0.098	0.419	0.640
AC(18:1)	0.004	-0.061	0.068	0.915	0.976	0.028	-0.030	0.087	0.340	0.572	-0.028	-0.074	0.019	0.240	0.553	-0.082	-0.143	-0.021	0.008	0.082
CE(18:2) [+OH]	0.004	-0.073	0.081	0.919	0.976	0.002	-0.065	0.069	0.946	0.977	0.047	-0.004	0.098	0.071	0.302	-0.004	-0.074	0.065	0.902	0.948
PC(18:1_22:6) (b)	0.003	-0.064	0.071	0.921	0.977	0.042	-0.017	0.101	0.162	0.398	-0.020	-0.075	0.034	0.462	0.730	-0.073	-0.134	-0.012	0.019	0.125
Hex3Cer(d18:1/20:0)	-0.004	-0.079	0.072	0.926	0.977	0.031	-0.037	0.099	0.370	0.583	-0.016	-0.068	0.036	0.540	0.779	-0.054	-0.124	0.016	0.129	0.331
PC(O-16:0/20:4)	-0.004	-0.079	0.072	0.923	0.977	0.033	-0.034	0.099	0.333	0.566	0.038	-0.013	0.090	0.144	0.427	-0.094	-0.162	-0.025	0.008	0.078
AC(17:0) (a)	-0.003	-0.068	0.062	0.926	0.977	0.048	-0.010	0.106	0.107	0.331	-0.025	-0.068	0.018	0.256	0.573	-0.083	-0.143	-0.023	0.007	0.073
TG(52:2) [NL-18:2]	-0.004	-0.086	0.079	0.926	0.977	0.023	-0.054	0.099	0.562	0.746	-0.042	-0.101	0.018	0.168	0.458	-0.064	-0.145	0.017	0.124	0.323
PI(15-MHDA_18:2) & PI(17:0_18:2)	0.003	-0.073	0.080	0.930	0.979	0.081	0.013	0.150	0.019	0.143	-0.015	-0.067	0.036	0.552	0.783	-0.074	-0.145	-0.003	0.040	0.185
SM(d16:1/19:0)	-0.003	-0.073	0.068	0.940	0.981	0.027	-0.036	0.090	0.403	0.610	0.025	-0.023	0.073	0.308	0.623	-0.056	-0.122	0.010	0.094	0.278
SM(d18:1/16:0)	-0.004	-0.098	0.091	0.940	0.981	0.004	-0.077	0.085	0.921	0.964	0.028	-0.040	0.097	0.421	0.709	-0.117	-0.203	-0.031	0.008	0.079
PC(18:2_20:5)	0.003	-0.073	0.078	0.943	0.981	-0.032	-0.100	0.036	0.352	0.576	0.015	-0.035	0.065	0.553	0.783	0.015	-0.055	0.085	0.672	0.824
PC(P-15:0/20:4) (b)	-0.003	-0.070	0.064	0.935	0.981	0.009	-0.050	0.067	0.774	0.894	0.063	0.020	0.107	0.004	0.057	0.039	-0.022	0.100	0.215	0.422
PC(39:5) (a)	-0.003	-0.074	0.068	0.938	0.981	-0.062	-0.125	0.002	0.056	0.254	-0.018	-0.065	0.030	0.461	0.730	0.021	-0.045	0.086	0.539	0.729
PE(15-MHDA_22:6)	0.003	-0.073	0.079	0.940	0.981	-0.055	-0.123	0.014	0.116	0.344	0.004	-0.047	0.054	0.885	0.954	-0.011	-0.081	0.059	0.748	0.868
PC(P-20:0/20:4)	-0.003	-0.076	0.070	0.933	0.981	0.047	-0.019	0.113	0.164	0.398	-0.012	-0.062	0.038	0.637	0.835	-0.097	-0.165	-0.030	0.005	0.061
AC(14:2)	-0.002	-0.068	0.064	0.944	0.981	0.038	-0.021	0.096	0.209	0.452	-0.019	-0.063	0.024	0.385	0.678	-0.049	-0.111	0.012	0.115	0.307
methyl-CE(22:6)	0.003	-0.080	0.085	0.946	0.981	-0.065	-0.139	0.008	0.080	0.292	0.039	-0.015	0.093	0.155	0.446	0.052	-0.023	0.127	0.175	0.381
AC(17:0) (b)	-0.002	-0.068	0.064	0.945	0.981	0.028	-0.031	0.086	0.357	0.578	-0.019	-0.062	0.025	0.398	0.691	-0.040	-0.101	0.021	0.194	0.398
TG(52:5) [NL-20:4]	-0.003	-0.088	0.082	0.943	0.981	0.072	-0.005	0.148	0.067	0.272	-0.034	-0.092	0.024	0.254	0.572	-0.097	-0.178	-0.016	0.019	0.125
TG(49:1) [NL-16:1]	-0.002	-0.072	0.067	0.947	0.981	0.042	-0.021	0.105	0.190	0.427	-0.028	-0.077	0.021	0.258	0.574	-0.061	-0.127	0.004	0.067	0.248
SHexCer(d18:1/24:0)	-0.002	-0.079	0.074	0.954	0.981	-0.057	-0.123	0.009	0.092	0.310	0.038	-0.010	0.086	0.125	0.398	0.045	-0.023	0.113	0.195	0.398
PC(31:0) (b)	0.002	-0.066	0.070	0.952	0.981	0.039	-0.023	0.100	0.215	0.456	-0.030	-0.076	0.015	0.192	0.494	-0.013	-0.076	0.051	0.698	0.840
PE(16:0_16:1)	0.002	-0.076	0.080	0.954	0.981	0.070	0.000	0.140	0.050	0.238	-0.069	-0.121	-0.016	0.011	0.110	-0.068	-0.141	0.005	0.069	0.249
PC(P-18:1/22:6)	0.002	-0.080	0.085	0.953	0.981	-0.078	-0.150	-0.007	0.032	0.188	0.084	0.028	0.140	0.003	0.049	0.007	-0.066	0.081	0.848	0.916
LPE(P-18:0)	0.002	-0.065	0.069	0.951	0.981	-0.005	-0.064	0.054	0.872	0.944	0.021	-0.025	0.067	0.372	0.673	0.012	-0.049	0.073	0.698	0.840

LPC(20:5) [sn2]	0.002	-0.069	0.073	0.960	0.984	-0.037	-0.100	0.027	0.256	0.492	-0.013	-0.060	0.034	0.576	0.804	-0.005	-0.070	0.060	0.883	0.937
AC(20:5)	0.002	-0.068	0.072	0.959	0.984	-0.065	-0.128	-0.002	0.043	0.218	-0.008	-0.058	0.042	0.762	0.900	0.064	-0.001	0.130	0.054	0.212
methyl-CE(18:2)	-0.002	-0.076	0.072	0.960	0.984	0.007	-0.060	0.075	0.828	0.927	0.041	-0.009	0.091	0.106	0.368	0.070	0.001	0.139	0.048	0.200
Cer(d20:1/24:1)	-0.001	-0.068	0.065	0.968	0.985	-0.035	-0.095	0.025	0.249	0.492	0.005	-0.041	0.050	0.842	0.932	-0.052	-0.114	0.009	0.095	0.278
SM(40:3) (b)	-0.002	-0.073	0.070	0.966	0.985	0.122	0.060	0.184	0.000	0.016	-0.047	-0.103	0.009	0.101	0.364	-0.127	-0.192	-0.062	0.000	0.012
PC(14:0_22:6)	-0.002	-0.080	0.077	0.966	0.985	-0.041	-0.111	0.028	0.244	0.490	0.000	-0.053	0.052	0.991	0.994	-0.048	-0.121	0.024	0.188	0.394
PC(18:0_22:5) (n3) & PC(20:1_20:4)	-0.001	-0.074	0.071	0.968	0.985	0.052	-0.012	0.116	0.111	0.334	-0.051	-0.100	-0.003	0.037	0.212	0.001	-0.066	0.067	0.988	0.994
CE(22:5)	-0.002	-0.082	0.078	0.964	0.985	0.083	0.014	0.152	0.018	0.141	-0.045	-0.099	0.010	0.108	0.371	-0.095	-0.167	-0.023	0.010	0.089
CE(16:1)	0.001	-0.070	0.073	0.970	0.985	0.049	-0.014	0.113	0.126	0.357	-0.055	-0.103	-0.007	0.025	0.177	-0.066	-0.132	0.000	0.051	0.207
Cer(m18:0/24:1)	0.001	-0.078	0.081	0.975	0.988	-0.044	-0.114	0.025	0.208	0.452	-0.010	-0.063	0.042	0.700	0.875	-0.095	-0.167	-0.022	0.011	0.089
SM(d18:1/24:1)	-0.001	-0.083	0.080	0.977	0.988	-0.065	-0.138	0.007	0.077	0.288	0.043	-0.011	0.096	0.119	0.391	-0.058	-0.135	0.019	0.138	0.341
PA(34:1)	0.001	-0.072	0.074	0.975	0.988	0.001	-0.062	0.064	0.970	0.982	-0.002	-0.048	0.045	0.941	0.973	0.011	-0.055	0.076	0.751	0.870
SM(d18:0/14:0)	-0.001	-0.081	0.078	0.979	0.989	0.034	-0.037	0.105	0.347	0.575	-0.003	-0.056	0.051	0.926	0.968	-0.016	-0.090	0.059	0.681	0.829
SM(d18:1/14:0) & SM(d16:1/16:0)	-0.001	-0.085	0.084	0.988	0.993	0.036	-0.038	0.110	0.341	0.572	-0.013	-0.067	0.042	0.653	0.848	-0.052	-0.128	0.024	0.180	0.386
PE(17:0_20:4)	0.001	-0.076	0.078	0.986	0.993	0.051	-0.019	0.121	0.153	0.385	-0.024	-0.077	0.030	0.385	0.678	-0.088	-0.160	-0.016	0.017	0.117
FA(20:2)	0.000	-0.065	0.066	0.989	0.993	-0.015	-0.074	0.044	0.622	0.783	-0.001	-0.045	0.042	0.958	0.981	-0.053	-0.114	0.008	0.088	0.275
CE(16:0)	0.001	-0.079	0.080	0.986	0.993	0.029	-0.042	0.099	0.421	0.622	-0.025	-0.082	0.032	0.385	0.678	-0.095	-0.168	-0.022	0.010	0.089
methyl-CE(18:0)	-0.001	-0.073	0.072	0.985	0.993	0.019	-0.044	0.083	0.551	0.741	0.031	-0.017	0.078	0.210	0.518	-0.025	-0.092	0.041	0.455	0.668
SHexCer(d18:1/16:0)	0.000	-0.075	0.074	0.991	0.994	0.017	-0.050	0.083	0.621	0.783	0.003	-0.047	0.053	0.915	0.964	-0.089	-0.158	-0.021	0.011	0.089
PC(17:0_22:6)	0.000	-0.070	0.070	0.993	0.994	-0.075	-0.137	-0.013	0.019	0.141	0.039	-0.008	0.086	0.104	0.368	-0.003	-0.067	0.062	0.938	0.968
TG(48:1) [NL-18:1]	0.000	-0.079	0.079	0.999	0.999	0.035	-0.039	0.108	0.353	0.576	-0.040	-0.095	0.015	0.154	0.446	-0.028	-0.105	0.049	0.479	0.689