

List A. Lipids associated with metastatic relapse in localised prostate cancer

cox reg rank	Lipid type	Lipid name	Hazard ratio	lower 95% CI	upper 95% CI	Hazard ratio P- value	t-test Profile L2 vs others P- value	fold, Profile L2/ others
1	acylcarnitine	AC(16:1)	3.35	1.83	6.13	6.16E-05	2.3E-17	1.90
2	dihydroceramide	Cer(d18:0/18:0)	2.14	1.44	3.16	9.95E-05	3.1E-20	2.78
3	acylcarnitine	AC(16:0)	5.21	2.00	13.60	5.62E-04	4.8E-13	1.44
4	acylcarnitine	AC(18:1)	3.41	1.64	7.09	8.78E-04	2.9E-11	1.59
5	dihydroceramide	Cer(d18:0/20:0)	3.27	1.60	6.68	1.11E-03	2.4E-10	1.56
6	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (b)	0.49	0.33	0.74	1.12E-03	1.3E-01	0.73
7	acylcarnitine	AC(14:1)	2.00	1.30	3.07	1.41E-03	2.7E-15	2.22
8	ceramide	Cer(d20:1/24:0)	3.42	1.57	7.43	1.64E-03	1.7E-06	1.42
9	ceramide	Cer(d20:1/24:1)	2.52	1.40	4.54	2.31E-03	4.5E-17	1.92
10	alkylphosphatidylethanolamine	PE(O-16:0/18:2)	0.42	0.24	0.72	2.55E-03	2.1E-06	0.57
11	phosphoinositol	PI(18:0_22:5) (n3)	3.02	1.47	6.17	3.10E-03	2.2E-01	1.22
12	ceramide	Cer(d20:1/22:0)	2.59	1.37	4.92	3.14E-03	1.4E-08	1.58
13	acylcarnitine	AC(14:2)	2.30	1.29	4.10	3.37E-03	9.0E-12	1.79
14	dihydroceramide	Cer(d18:0/24:1)	2.42	1.37	4.27	3.43E-03	4.8E-11	1.73
15	alkenylphosphatidylethanolamine	PE(P-18:1/22:4)	0.37	0.20	0.70	3.66E-03	8.9E-01	0.87
16	acylcarnitine	AC(14:0)	2.50	1.36	4.61	3.72E-03	6.7E-11	1.53
17	sphingomyelin	SM(d18:2/23:0)	0.24	0.09	0.61	4.44E-03	6.3E-14	0.72
18	alkylphosphatidylethanolamine	PE(O-38:5)	0.36	0.17	0.74	5.20E-03	1.6E-01	0.76
19	ceramide	Cer(d18:1/18:0)	2.61	1.34	5.07	5.25E-03	1.4E-20	1.77
20	triacylglycerol	TG(16:0_18:1_18:1)	2.28	1.21	4.28	8.24E-03	1.1E-38	2.17
21	phosphatidylethanolamine	PE(17:0_20:4)	0.49	0.28	0.85	9.89E-03	1.1E-01	0.73
22	lysophosphatidylcholine	LPC(14:0) [sn2]	0.39	0.19	0.81	1.16E-02	6.5E-05	0.79
23	acylcarnitine	AC(18:0)	3.13	1.29	7.63	1.18E-02	1.3E-06	1.25
24	alkylphosphatidylethanolamine	PE(O-38:4)	0.50	0.29	0.88	1.31E-02	1.8E-01	0.73
25	phosphatidylcholine	PC(16:0_18:1)	6.64	1.52	28.91	1.32E-02	4.9E-06	1.18
26	phosphatidylcholine	PC(14:0_20:4)	0.42	0.21	0.84	1.38E-02	7.9E-02	0.88
27	lysophosphatidylcholine	LPC(19:0) [sn1] (b)	0.36	0.16	0.82	1.47E-02	1.4E-12	0.68
28	triacylglycerol	TG(18:1_18:1_18:1)	1.79	1.11	2.90	1.48E-02	5.4E-28	2.30
29	alkylphosphatidylethanolamine	PE(O-34:1)	0.38	0.18	0.84	1.51E-02	4.7E-06	0.68
30	sphingomyelin	SM(43:2) (c)	0.24	0.08	0.76	1.52E-02	3.9E-11	0.79
31	ceramide	Cer(d17:1/18:0)	2.29	1.16	4.51	1.56E-02	1.8E-10	1.50
32	diacylglycerol	DG(18:1_18:1)	1.84	1.11	3.06	1.56E-02	3.0E-33	2.34
33	alkenylphosphatidylethanolamine	PE(P-16:0/18:2)	0.42	0.22	0.83	1.56E-02	2.9E-09	0.58
34	phosphoinositol	PI(18:0_22:6)	2.05	1.15	3.68	1.64E-02	9.7E-01	1.20
35	triacylglycerol	TG(16:0_18:1_18:2)	3.23	1.20	8.71	1.70E-02	4.0E-13	1.44
36	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (a)	0.65	0.47	0.92	1.79E-02	4.0E-02	0.65
37	alkylphosphatidylethanolamine	PE(O-16:0/20:3)	0.46	0.25	0.86	1.86E-02	1.2E-10	0.57
38	lysophosphatidylcholine	LPC(15:0) [sn2]	0.37	0.16	0.86	1.89E-02	3.9E-06	0.75
39	ceramide	Cer(d18:1/24:1)	3.69	1.23	11.07	1.90E-02	3.7E-11	1.31
40	triacylglycerol	TG(18:0_18:1_18:1)	1.69	1.09	2.64	1.91E-02	4.1E-24	2.19
41	lysophosphatidylcholine	LPC(14:0) [sn1]	0.41	0.20	0.87	1.92E-02	1.3E-04	0.80
42	alkylphosphatidylcholine	PC(O-34:2) (b)	0.39	0.17	0.86	1.93E-02	1.1E-14	0.59
43	ceramide	Cer(d19:1/18:0)	1.63	1.07	2.48	1.96E-02	2.9E-14	2.13
44	alkylphosphatidylethanolamine	PE(O-16:0/20:4)	0.55	0.33	0.91	1.97E-02	5.5E-01	0.75
45	lysoalkenylphosphatidylethanolami	LPE(P-18:1)	0.42	0.20	0.87	2.00E-02	2.2E-03	0.78
46	alkylphosphatidylethanolamine	PE(O-18:0/22:5) (a)	0.43	0.21	0.87	2.03E-02	5.1E-02	0.73
47	triacylglycerol	TG 56:8_NL 20:5	2.26	1.13	4.53	2.04E-02	1.3E-06	1.38
48	acylcarnitine	AC(12:0)	1.62	1.08	2.42	2.14E-02	8.3E-10	1.78
49	ceramide	Cer(d19:1/24:1)	2.07	1.09	3.93	2.24E-02	8.3E-15	1.55
50	ceramide	Cer(d18:2/18:0)	2.00	1.09	3.66	2.27E-02	1.2E-10	1.67
51	triacylglycerol	TG(18:1_18:1_18:2)	1.89	1.08	3.30	2.35E-02	1.1E-07	1.49
52	ceramide	Cer(d18:2/21:0)	1.47	1.03	2.11	2.40E-02	3.5E-01	1.14
53	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (a)	0.47	0.25	0.90	2.43E-02	6.3E-11	0.57
54	lysophosphatidylcholine	LPC(19:0) [sn1] (a) / LPC(19:0)	0.37	0.16	0.88	2.44E-02	2.9E-08	0.73
55	phosphatidylcholine	PC(18:2_18:2)	0.50	0.28	0.91	2.49E-02	2.4E-18	0.54
56	ceramide	Cer(d18:1/17:0)	0.47	0.25	0.90	2.61E-02	7.2E-01	0.99
57	dihydroceramide	Cer(d18:0/24:0)	2.10	1.11	3.97	2.62E-02	2.9E-03	1.31
58	lysophosphatidylcholine	LPC(18:2) [sn2]	0.36	0.14	0.88	2.63E-02	1.1E-22	0.68
59	phosphatidylcholine	PC(16:0_22:6)	2.51	1.11	5.70	2.70E-02	2.2E-01	1.25
60	alkenylphosphatidylethanolamine	PE(P-16:0/22:4)	0.49	0.26	0.90	2.79E-02	4.5E-01	0.88
61	sphingomyelin	SM(34:3)	0.29	0.09	0.88	2.80E-02	1.5E-04	0.82
62	lysoalkenylphosphatidylethanolami	LPE(P-16:0)	0.35	0.14	0.91	2.86E-02	5.9E-03	0.85
63	alkylphosphatidylcholine	PC(O-35:4)	0.57	0.34	0.95	3.08E-02	1.1E-01	0.76
64	lysoalkenylphosphatidylethanolami	LPE(P-18:0)	0.39	0.16	0.93	3.15E-02	3.0E-03	0.80
65	sphingomyelin	SM(d18:1/23:0)/SM(d17:1/22:0)	0.27	0.08	0.88	3.29E-02	2.2E-09	0.83
66	lysophosphatidylethanolamine	LPE(22:6)	2.13	1.06	4.31	3.47E-02	4.2E-01	1.20
67	phosphatidylcholine	PC(38:5) (a)	3.24	1.10	9.53	3.51E-02	7.6E-06	1.26
68	alkylphosphatidylcholine	PC(O-16:0/20:3)	0.39	0.17	0.92	3.54E-02	5.7E-03	0.78
69	ceramide	Cer(d18:1/14:0)	0.48	0.25	0.93	3.59E-02	2.8E-02	0.86
70	alkylphosphatidylcholine	PC(O-18:1/18:2)	0.43	0.19	0.95	3.63E-02	1.5E-09	0.67
71	ceramide	Cer(d19:1/22:0)	1.96	1.02	3.77	3.79E-02	1.5E-09	1.39
72	dihydroceramide	Cer(d18:0/22:0)	2.00	1.05	3.81	3.90E-02	1.6E-04	1.40
73	alkenylphosphatidylethanolamine	PE(P-18:0/18:2)	0.50	0.27	0.95	3.93E-02	3.2E-10	0.57
74	sphingomyelin	SM(38:3) (b)	0.52	0.27	0.97	4.01E-02	3.2E-01	0.83
75	diacylglycerol	DG(18:1_22:5)	1.63	1.02	2.60	4.03E-02	1.3E-11	2.02
76	sphingomyelin	SM(d18:2/16:0)	0.20	0.04	0.94	4.04E-02	2.8E-05	0.91
77	ceramide	Cer(d16:1/20:0)	1.97	1.02	3.79	4.05E-02	1.1E-07	1.49

78	ceramide	Cer(d17:1/24:1)	2.45	1.03	5.81	4.06E-02	2.4E-03	1.16
79	phosphatidylcholine	PC(15:0_20:3)	0.44	0.22	0.89	4.13E-02	3.5E-03	0.85
80	lysophosphatidylcholine	LPC(18:2) [sn1]	0.39	0.16	0.95	4.21E-02	3.3E-18	0.70
81	sphingomyelin	SM(d18:2/14:0)	0.32	0.11	0.95	4.34E-02	3.9E-06	0.85
82	diacylglycerol	DG(18:0_18:1)	1.57	1.02	2.41	4.38E-02	1.9E-25	2.24
83	lysophosphatidylcholine	LPC(20:2) [sn2]	0.37	0.14	0.98	4.47E-02	2.9E-08	0.81
84	lysophosphatidylcholine	LPC(18:3) [sn2] (a)	0.64	0.42	0.98	4.50E-02	4.4E-09	0.57
85	alkylphosphatidylcholine	PC(O-18:0/18:2)	0.44	0.20	0.99	4.58E-02	1.2E-10	0.63
86	ceramide	Cer(d19:1/24:0)	2.05	0.99	4.24	4.58E-02	4.5E-06	1.24
87	phosphatidylcholine	PC(18:1_22:6) (a)	1.84	1.01	3.34	4.64E-02	2.1E-02	1.29
88	phosphatidylethanolamine	PE(15-MHDA_20:4)	0.57	0.32	0.98	4.71E-02	9.9E-01	0.82
89	cholesterol ester	CE(22:5) (n3)	2.14	1.03	4.46	4.86E-02	1.4E-01	0.95
90	phosphatidylcholine	PC(28:0)	0.71	0.51	1.00	4.96E-02	8.6E-07	0.52
91	phosphatidylcholine	PC(18:0_22:6)	1.99	0.99	3.98	5.18E-02	4.1E-02	1.34
92	phosphatidylcholine	PC(18:0_22:5) (n3)	2.50	0.99	6.32	5.49E-02	2.7E-03	1.26
93	lysophosphatidylcholine	LPC(18:0) [sn2]	0.27	0.07	1.03	5.63E-02	2.5E-05	0.89
94	triacylglycerol	TG(16:1_18:1_18:1)	1.93	0.97	3.86	5.68E-02	6.0E-21	1.90
95	ceramide	Cer(d18:1/20:0)	2.21	0.99	4.93	5.80E-02	3.7E-12	1.43
96	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (a)	0.68	0.45	1.02	5.84E-02	1.4E-01	0.68
97	phosphatidylethanolamine	PE(16:0_22:6)	1.58	0.98	2.54	5.89E-02	2.8E-07	1.70
98	ceramide	Cer(d16:1/24:1)	2.06	0.96	4.42	6.02E-02	2.8E-06	1.31
99	triacylglycerol	TG 56:6_NL 22:5 (a)	1.58	0.97	2.58	6.24E-02	1.2E-06	1.87
100	lysophosphatidylcholine	LPC(19:1) (b)	0.35	0.12	1.07	6.32E-02	6.3E-05	0.83
101	cholesterol ester	CE(18:1)	3.97	0.95	16.68	6.35E-02	5.4E-02	1.09
102	phosphatidylcholine	PC(16:0_18:0)	0.18	0.03	1.10	6.37E-02	4.9E-07	0.91
103	alkenylphosphatidylcholine	PC(P-16:0/18:2)	0.40	0.15	1.04	6.44E-02	1.1E-13	0.66
104	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n6)	0.58	0.33	1.03	6.49E-02	6.7E-01	0.84
105	lysophosphatidylcholine	LPC(20:2) [sn1]	0.41	0.15	1.07	6.69E-02	8.5E-07	0.81
106	triacylglycerol	TG(16:0_16:0_18:1)	1.54	0.97	2.43	6.70E-02	7.3E-15	1.88
107	diacylglycerol	DG(18:1_18:2)	1.55	0.97	2.47	6.77E-02	2.3E-12	1.87
108	lysophosphatidylcholine	LPC(17:1) [sn2] (a)	0.44	0.18	1.07	6.82E-02	3.2E-02	0.87
109	phosphatidylethanolamine	PE(18:0_22:6)	1.53	0.97	2.44	6.85E-02	2.9E-10	1.95
110	ceramide	Cer(d16:1/18:0)	1.70	0.95	3.04	6.95E-02	5.7E-13	1.81
111	ceramide	Cer(d17:1/20:0)	1.66	0.95	2.92	7.08E-02	3.0E-05	1.42
112	dihexosylceramide	Hex2Cer(d18:1/20:0)	1.96	0.93	4.09	7.31E-02	7.1E-01	0.98
113	alkenylphosphatidylcholine	PC(P-36:2)	0.50	0.23	1.07	7.45E-02	2.7E-11	0.61
114	sphingomyelin	SM(35:2) (b)	0.36	0.12	1.09	7.47E-02	8.8E-02	0.89
115	triacylglycerol	TG 56:6_NL 22:5 (b)	1.55	0.95	2.51	7.48E-02	3.7E-06	1.85
116	phosphatidylcholine	PC(16:1_22:6)	1.84	0.93	3.62	7.48E-02	6.4E-01	1.21
117	alkenylphosphatidylcholine	PC(P-35:2)(a)	0.58	0.32	1.05	7.85E-02	1.6E-09	0.57
118	ceramide	Cer(d20:1/23:0)	1.97	0.92	4.19	7.86E-02	6.9E-05	1.34
119	phosphatidylethanolamine	PE(16:0_18:1)	1.53	0.95	2.45	7.88E-02	4.9E-07	1.65
120	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n3)	0.45	0.19	1.07	7.93E-02	2.0E-02	0.81
121	lysophosphatidylcholine	LPC(20:0) [sn2]	0.49	0.21	1.11	8.09E-02	1.7E-12	0.73
122	lysoalkenylphosphatidylcholine	LPC(P-20:0)	0.54	0.26	1.09	8.12E-02	1.6E-01	0.86
123	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (a)	0.54	0.26	1.09	8.24E-02	5.0E-04	0.72
124	ceramide	Cer(d19:1/23:0)	1.77	0.91	3.42	8.32E-02	5.9E-04	1.19
125	phosphatidylcholine	PC(32:2)	0.52	0.25	1.09	8.33E-02	1.5E-06	0.75
126	sphingomyelin	SM(37:1)	0.46	0.19	1.11	8.47E-02	2.1E-05	0.71
127	acylcarnitine	AC(17:0)	1.66	0.96	2.89	8.74E-02	2.7E-07	1.25
128	phosphatidylcholine	PC(16:0_18:3) (a)	0.43	0.16	1.14	8.98E-02	2.4E-06	0.83
129	phosphatidylserine	PS(40:5)	1.52	0.95	2.43	9.05E-02	4.5E-02	1.09
130	sphingomyelin	SM(d18:1/16:0)	0.26	0.06	1.22	9.09E-02	6.1E-04	0.92
131	lysoalkylphosphatidylcholine	LPC(O-16:0)	0.43	0.16	1.14	9.16E-02	3.9E-02	0.85
132	phosphatidylethanolamine	PE(18:1_22:6) (a)	1.38	0.96	1.98	9.17E-02	3.7E-05	1.73
133	ceramide	Cer(d16:1/22:0)	1.69	0.91	3.16	9.72E-02	3.8E-03	1.25
134	alkenylphosphatidylcholine	PC(P-16:0/18:3)	0.59	0.32	1.11	9.73E-02	1.9E-08	0.58
135	GM3 ganglioside	GM3(d18:1/18:0)	2.20	0.87	5.52	9.86E-02	5.5E-02	0.91
136	monohexosylceramide	HexCer(d16:1/20:0)	1.74	0.89	3.40	9.89E-02	8.8E-02	1.19
137	triacylglycerol	TG(16:0_18:0_18:1)	1.37	0.94	2.00	9.95E-02	1.9E-15	2.11
138	desmosterol	DE(18:2)	0.61	0.34	1.10	1.01E-01	2.5E-04	0.68
139	lysophosphatidylcholine	LPC(18:3) [sn1] (a)/LPC(18:3)	0.71	0.46	1.07	1.03E-01	8.7E-11	0.49
140	dihexosylceramide	Hex2Cer(d18:1/24:0)	2.08	0.87	4.96	1.04E-01	7.6E-02	0.90
141	diacylglycerol	DG(16:1_18:1)	1.40	0.93	2.12	1.06E-01	1.8E-21	2.45
142	alkenylphosphatidylethanolamine	PE(P-18:0/22:4)	0.61	0.33	1.10	1.07E-01	5.7E-01	0.86
143	phosphoinositol	PI(38:6)	1.69	0.90	3.19	1.08E-01	2.4E-02	0.97
144	lysophosphatidylcholine	LPC(15:0) [sn1]	0.49	0.21	1.17	1.09E-01	4.3E-04	0.81
145	triacylglycerol	TG(16:0_18:2_18:2)	1.72	0.87	3.39	1.09E-01	2.8E-05	1.45
146	triacylglycerol	TG 56:7_NL 22:6	1.38	0.92	2.08	1.09E-01	5.8E-05	1.99
147	cholesterol	COH	3.58	0.75	17.10	1.10E-01	9.3E-01	1.00
148	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n6)	0.58	0.30	1.13	1.10E-01	7.0E-01	0.90
149	sphingomyelin	SM(d18:2/24:0)	0.41	0.14	1.22	1.11E-01	2.9E-09	0.80
150	cholesterol ester	CE(22:5) (n6)	1.70	0.89	3.28	1.11E-01	1.6E-01	1.11
151	lysophosphatidylcholine	LPC(20:3) [sn2]	0.50	0.21	1.15	1.13E-01	8.9E-01	0.99
152	diacylglycerol	DG(18:1_22:6)	1.30	0.93	1.80	1.17E-01	3.2E-04	2.22
153	alkylphosphatidylcholine	PC(O-16:0/20:4)	0.46	0.18	1.21	1.19E-01	4.6E-01	0.93
154	sulfatide	Sulfatide (d18:1/24:1(OH))	0.62	0.33	1.13	1.19E-01	1.2E-06	0.75
155	triacylglycerol	TG(16:0_16:0_18:2)	1.61	0.88	2.93	1.23E-01	1.9E-04	1.35
156	lysophosphatidylcholine	LPC(19:1) (a)	0.50	0.21	1.20	1.25E-01	3.0E-02	0.86
157	acylcarnitine	AC(13:0)	1.31	0.94	1.83	1.25E-01	2.2E-01	1.31
158	lysoalkylphosphatidylcholine	LPC(O-22:1)	0.59	0.29	1.17	1.25E-01	8.2E-02	0.86
159	diacylglycerol	DG(16:0_18:1)	1.39	0.91	2.13	1.25E-01	1.6E-21	2.22

160	lysoalkenylphosphatidylcholine	LPC(P-18:1)	0.53	0.23	1.21	1.27E-01	7.5E-05	0.77
161	triacylglycerol	TG 56:7_NL 22:5 (a)	1.51	0.89	2.56	1.27E-01	9.6E-03	1.58
162	sphingomyelin	SM(38:3) (a)	0.54	0.25	1.20	1.28E-01	6.6E-01	0.95
163	alkylphosphatidylethanolamine	PE(O-38:6) (b)	0.52	0.22	1.22	1.30E-01	1.6E-01	0.81
164	diacylglycerol	DG(18:0_18:2)	1.37	0.91	2.06	1.30E-01	1.4E-08	1.74
165	lysoalkylphosphatidylcholine	LPC(O-20:1)	0.60	0.31	1.17	1.30E-01	2.5E-01	0.88
166	ceramide	Cer(d19:1/20:0)	1.47	0.88	2.46	1.32E-01	1.6E-09	1.66
167	lysophosphatidylcholine	LPC(15-MHDA) [sn1] / LPC(17:0)	0.55	0.25	1.19	1.32E-01	1.2E-02	0.81
168	phosphatidylcholine	PC(14:0_16:0)	0.62	0.33	1.16	1.33E-01	3.5E-05	0.78
169	phosphatidylserine	PS(40:6)	1.47	0.89	2.42	1.35E-01	3.2E-01	1.11
170	desmosterol	DE(20:4)	0.63	0.34	1.15	1.35E-01	1.2E-01	1.09
171	dihexosylceramide	Hex2Cer(d18:1/18:0)	2.00	0.81	4.98	1.36E-01	8.3E-01	0.97
172	lysophosphatidylcholine	LPC(17:1) [sn1] (a) / LPC(17:0)	0.48	0.18	1.26	1.36E-01	4.6E-02	0.87
173	alkenylphosphatidylethanolamine	PE(P-20:0/18:2)	0.60	0.31	1.18	1.37E-01	1.1E-10	0.63
174	alkenylphosphatidylethanolamine	PE(P-18:0/20:4)	0.61	0.32	1.17	1.39E-01	6.3E-01	0.86
175	lysophosphatidylethanolamine	LPE(17:0)	0.59	0.30	1.17	1.39E-01	6.6E-01	1.00
176	diacylglycerol	DG(18:2_18:2)	1.26	0.92	1.72	1.41E-01	4.8E-03	1.74
177	sphingomyelin	SM(d17:1/14:0)	0.56	0.26	1.20	1.41E-01	4.1E-07	0.75
178	triacylglycerol	TG(17:0_18:1_18:1)	1.46	0.88	2.43	1.42E-01	1.7E-25	2.14
179	lysophosphatidylethanolamine	LPE(18:2)	0.62	0.32	1.18	1.42E-01	1.7E-09	0.71
180	phosphatidylcholine	PC(18:2_20:5)	0.67	0.38	1.16	1.45E-01	1.4E-09	0.64
181	alkylphosphatidylethanolamine	PE(O-36:5)	0.74	0.49	1.12	1.47E-01	2.1E-03	0.61
182	alkylphosphatidylethanolamine	PE(O-18:0/22:6)	0.56	0.25	1.24	1.49E-01	1.3E-02	0.83
183	alkylphosphatidylethanolamine	PE(O-38:6) (a)	0.62	0.33	1.16	1.51E-01	9.5E-03	0.82
184	sulfatide	Sulfatide (d18:1-/16:0(OH))	0.54	0.24	1.25	1.52E-01	1.7E-07	0.75
185	alkenylphosphatidylethanolamine	PE(P-16:0/18:1)	0.50	0.19	1.29	1.54E-01	2.4E-03	0.77
186	sphingomyelin	SM(d17:1/16:0)	0.44	0.14	1.35	1.57E-01	4.9E-05	0.83
187	lysophosphatidylcholine	LPC(20:3) [sn1]	0.55	0.24	1.25	1.59E-01	2.7E-01	0.93
188	sphingomyelin	SM(41:0)	0.40	0.11	1.45	1.62E-01	4.7E-08	0.86
189	triacylglycerol	TG(18:0_18:2_18:2)	1.40	0.87	2.25	1.65E-01	1.3E-04	1.46
190	lysoalkylphosphatidylcholine	LPC(O-24:2)	0.68	0.40	1.18	1.68E-01	9.1E-04	0.76
191	phosphatidylcholine	PC(15:0_20:4)	0.57	0.25	1.29	1.68E-01	9.3E-01	1.00
192	triacylglycerol	TG(18:2_18:2_20:4)	0.72	0.45	1.15	1.69E-01	4.9E-01	1.10
193	sphingomyelin	SM(d18:2/17:0)	0.46	0.16	1.38	1.70E-01	8.2E-02	0.90
194	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (b)	0.70	0.43	1.15	1.71E-01	2.6E-02	0.72
195	sphingomyelin	SM(d18:2/18:1)	0.50	0.19	1.34	1.71E-01	4.6E-01	0.96
196	phosphatidylcholine	PC(17:0_18:2)	0.48	0.17	1.36	1.72E-01	1.6E-04	0.80
197	triacylglycerol	TG(18:1_18:2_18:2)	1.34	0.87	2.06	1.77E-01	1.6E-04	1.53
198	phosphatidylcholine	PC(17:1_18:2)	0.52	0.20	1.35	1.78E-01	4.9E-04	0.80
199	monohexosylceramide	HexCer(d16:1/24:0)	1.60	0.79	3.23	1.82E-01	9.4E-02	0.91
200	alkenylphosphatidylethanolamine	PE(P-20:1/20:4)	0.74	0.47	1.17	1.82E-01	1.3E-01	0.72
201	cholesterol ester	CE(15:0)	0.63	0.33	1.24	1.83E-01	4.7E-03	0.81
202	phosphatidylcholine	PC(33:2)	0.56	0.25	1.30	1.85E-01	1.1E-07	0.75
203	sulfatide	Sulfatide (d18:1-/24:1)	1.56	0.80	3.04	1.85E-01	5.4E-01	1.04
204	lysoalkenylphosphatidylcholine	LPC(P-17:0) (a)	0.65	0.34	1.23	1.86E-01	2.2E-03	0.73
205	desmosterol	DE(16:0)	0.66	0.36	1.22	1.87E-01	5.8E-03	1.32
206	alkylphosphatidylcholine	PC(O-34:2) (a)	0.81	0.62	1.07	1.87E-01	1.4E-02	0.69
207	lysophosphatidylcholine	LPC(20:4) [sn2]	0.55	0.22	1.35	1.87E-01	1.5E-01	1.07
208	lysophosphatidylcholine	LPC(22:4) [sn1]	0.66	0.36	1.22	1.88E-01	3.5E-01	0.98
209	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (b)	0.76	0.52	1.13	1.89E-01	5.6E-05	0.54
210	phosphatidylcholine	PC(17:0_22:6)	1.49	0.82	2.70	1.90E-01	9.9E-01	1.14
211	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (a)	0.57	0.24	1.34	1.92E-01	4.6E-03	0.82
212	alkenylphosphatidylcholine	PC(P-36:3)	0.46	0.14	1.49	1.96E-01	4.1E-01	0.95
213	triacylglycerol	TG(16:0_17:0_18:2)	1.38	0.84	2.26	1.97E-01	1.9E-16	1.77
214	lysophosphatidylcholine	LPC(15-MHDA) [sn2]	0.66	0.35	1.22	1.98E-01	1.6E-02	0.79
215	phosphatidylcholine	PC(38:5) (b)	1.59	0.81	3.12	1.99E-01	1.4E-01	1.21
216	lysophosphatidylcholine	LPC(22:6) [sn2]	1.54	0.79	3.02	2.01E-01	5.3E-01	1.11
217	diacylglycerol	DG(18:1_20:5)	1.17	0.92	1.49	2.02E-01	1.8E-01	1.36
218	lysophosphatidylcholine	LPC(22:6) [sn1]	1.49	0.80	2.79	2.04E-01	2.5E-01	1.05
219	GM3 ganglioside	GM3(d18:1/24:0)	1.63	0.77	3.46	2.04E-01	3.9E-02	0.87
220	alkenylphosphatidylethanolamine	PE(P-18:1/20:3)	0.68	0.37	1.23	2.05E-01	1.2E-01	0.75
221	phosphatidylcholine	PC(15-MHDA_22:6)	1.53	0.78	3.01	2.05E-01	7.9E-01	1.06
222	ubiquinone	Ubiquinone	1.57	0.79	3.13	2.07E-01	3.7E-01	0.97
223	phosphatidylethanolamine	PE(16:0_16:1)	1.24	0.89	1.74	2.07E-01	4.2E-05	1.69
224	alkylphosphatidylethanolamine	PE(O-18:1/22:6)	0.69	0.38	1.24	2.08E-01	7.3E-03	0.84
225	lysophosphatidylcholine	LPC(22:4) [sn2]	0.67	0.36	1.24	2.10E-01	2.5E-01	1.03
226	lysoalkylphosphatidylcholine	LPC(O-24:0)	1.83	0.71	4.71	2.13E-01	8.5E-01	1.00
227	phosphatidylglycerol	PG(36:1)	1.32	0.85	2.06	2.14E-01	4.0E-10	1.90
228	alkenylphosphatidylethanolamine	PE(P-18:0/18:3)	0.75	0.48	1.18	2.14E-01	2.6E-06	0.53
229	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (b)	0.76	0.51	1.15	2.17E-01	2.3E-02	0.70
230	dihexosylceramide	Hex2Cer(d18:2/24:1)	0.67	0.36	1.25	2.18E-01	8.9E-05	0.75
231	phosphatidylserine	PS(38:3)	1.27	0.87	1.85	2.21E-01	8.5E-01	0.95
232	triacylglycerol	TG 54:6_NL 22:6	1.23	0.88	1.71	2.23E-01	2.0E-03	1.95
233	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n3)	0.61	0.28	1.33	2.23E-01	7.4E-02	0.79
234	oxidised cholesterol ester	oxCE (18:2) [+O]	0.66	0.33	1.29	2.23E-01	2.8E-04	0.76
235	triacylglycerol	TG(16:1_17:0_18:1)	1.44	0.79	2.60	2.24E-01	5.1E-16	1.68
236	phosphoinositol	PI(34:0)	1.35	0.83	2.17	2.25E-01	9.8E-03	0.82
237	sphingomyelin	SM(d18:1/14:0)/SM(d16:1/16:0)	0.45	0.12	1.64	2.30E-01	7.2E-06	0.89
238	alkenylphosphatidylcholine	PC(P-18:0/20:4)	0.64	0.31	1.34	2.37E-01	6.4E-01	0.91
239	alkenylphosphatidylcholine	PC(P-16:0/20:4)	0.60	0.25	1.41	2.40E-01	3.8E-01	0.96
240	alkenylphosphatidylethanolamine	PE(P-16:0/20:4)	0.66	0.33	1.33	2.45E-01	8.8E-01	0.88
241	phosphatidylserine	PS(38:5)	1.22	0.86	1.74	2.47E-01	3.2E-01	0.92

242	diacylglycerol	DG(16:0_18:2)	1.29	0.84	1.97	2.49E-01	2.5E-07	1.77
243	alkenylphosphatidylcholine	PC(P-16:0/22:6)	1.76	0.66	4.66	2.49E-01	1.5E-02	0.90
244	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (b)	0.74	0.44	1.24	2.50E-01	1.3E-01	0.76
245	acylcarnitine	AC(15:0)	1.40	0.79	2.45	2.50E-01	2.3E-02	1.16
246	phosphatidylcholine	PC(34:5)	0.78	0.52	1.19	2.51E-01	2.2E-04	0.75
247	monohexosylceramide	HexCer(d16:1/18:0)	1.36	0.79	2.34	2.52E-01	6.6E-06	1.36
248	triacylglycerol	TG(16:1_18:1_18:2)	1.58	0.71	3.55	2.53E-01	9.0E-17	1.57
249	lysophosphatidylcholine	LPC(16:0) [sn2]	0.44	0.11	1.80	2.57E-01	1.7E-02	0.97
250	alkylphosphatidylcholine	PC(O-18:1/18:1)	0.61	0.26	1.45	2.57E-01	6.3E-03	0.82
251	ceramide	Cer(d19:1/16:0)	1.31	0.81	2.13	2.60E-01	1.8E-08	1.36
252	phosphatidylcholine	PC(15:0_22:6)	1.44	0.76	2.75	2.61E-01	8.0E-02	1.02
253	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (b)	0.75	0.46	1.24	2.63E-01	6.5E-01	0.82
254	lysophosphatidylcholine	LPC(20:4) [sn1]	0.64	0.29	1.40	2.64E-01	3.2E-01	1.03
255	ceramide	Cer(d18:2/24:1)	1.65	0.68	4.01	2.65E-01	6.5E-04	1.22
256	monoalkyl diacylglycerol	TG(O-52:2)	0.73	0.42	1.29	2.66E-01	6.7E-01	0.97
257	ceramide	Cer(d18:1/26:0)	0.58	0.22	1.50	2.66E-01	4.0E-02	0.91
258	ceramide	Cer(d18:1/22:0)	1.73	0.66	4.57	2.66E-01	2.3E-03	1.18
259	lysophosphatidylcholine	LPC(18:1) [sn2]	0.54	0.18	1.62	2.67E-01	2.9E-02	0.92
260	alkenylphosphatidylcholine	PC(P-17:0/20:4) (b)	0.79	0.53	1.17	2.67E-01	3.3E-01	0.79
261	alkylphosphatidylcholine	PC(O-18:0/20:4)	0.64	0.29	1.40	2.68E-01	1.3E-01	0.94
262	cholesterol ester	CE(24:4)	0.73	0.42	1.27	2.69E-01	7.0E-01	0.91
263	lysophosphatidylinositol	LPI(18:1)	0.74	0.43	1.27	2.69E-01	4.2E-02	0.83
264	triacylglycerol	TG(16:0_16:1_18:1)	1.46	0.74	2.89	2.70E-01	1.9E-18	1.63
265	triacylglycerol	TG 52:5_NL 20:5	1.24	0.85	1.82	2.72E-01	9.5E-02	1.53
266	alkylphosphatidylcholine	PC(O-40:7) (a)	1.47	0.73	2.96	2.78E-01	4.1E-01	1.02
267	acylcarnitine	AC(18:2)	1.39	0.77	2.51	2.78E-01	9.1E-02	1.16
268	lysoalkenylphosphatidylcholine	LPC(P-16:0)	0.57	0.21	1.57	2.84E-01	1.0E-04	0.82
269	alkenylphosphatidylethanolamine	PE(P-16:0/18:3)	0.77	0.47	1.25	2.85E-01	6.9E-06	0.56
270	lysophosphatidylcholine	LPC(17:1) [sn1] (b)	0.48	0.12	1.85	2.85E-01	5.3E-03	0.89
271	diacylglycerol	DG(16:0_22:6)	1.20	0.86	1.67	2.86E-01	2.6E-03	2.07
272	phosphatidylcholine	PC(40:7) (a)	0.64	0.30	1.40	2.86E-01	2.9E-01	1.06
273	triacylglycerol	TG(18:1_18:1_22:6)	1.25	0.83	1.87	2.87E-01	7.9E-03	1.56
274	lysoalkylphosphatidylcholine	LPC(O-18:0)	0.63	0.27	1.48	2.87E-01	7.1E-02	0.84
275	lysophosphatidylcholine	LPC(22:0) [sn1]	0.64	0.27	1.49	2.88E-01	1.3E-09	0.77
276	sphingomyelin	SM(d19:1/24:1)	1.54	0.69	3.44	2.88E-01	4.9E-03	1.15
277	phosphoinositol	PI(18:0_20:3) (a)	1.47	0.72	2.99	2.89E-01	1.7E-01	1.16
278	phosphatidylcholine	PC(18:1_20:3)	1.36	0.75	2.48	2.92E-01	2.6E-02	1.27
279	phosphoinositol	PI(39:6) (b)	1.33	0.78	2.29	2.93E-01	1.0E-01	0.95
280	cholesterol ester	CE(18:3)	0.72	0.39	1.33	2.93E-01	6.4E-12	0.65
281	diacylglycerol	DG(16:0_22:5)	1.27	0.81	1.99	2.96E-01	4.8E-06	1.89
282	phosphatidylcholine	PC(16:0_18:3) (b)	0.67	0.31	1.42	2.97E-01	1.4E-02	0.90
283	phosphoinositol	PI(17:0_20:4) (a+b)	0.62	0.25	1.53	2.98E-01	2.2E-01	0.96
284	phosphatidylcholine	PC(31:0) (a)	0.78	0.49	1.24	2.99E-01	7.2E-04	0.72
285	ceramide	Cer(d18:1/23:0)	1.83	0.58	5.81	3.00E-01	8.0E-01	1.03
286	phosphatidylcholine	PC(16:0_20:5)	1.33	0.78	2.28	3.05E-01	7.6E-01	1.14
287	diacylglycerol	DG(16:0_16:0)	1.16	0.87	1.56	3.06E-01	1.9E-09	2.22
288	lysophosphatidylcholine	LPC(17:0) [sn1]	0.62	0.25	1.54	3.09E-01	1.5E-02	0.85
289	phosphatidylcholine	PC(38:2)	0.52	0.14	1.87	3.12E-01	3.3E-01	1.01
290	phosphatidylcholine	PC(16:1_18:2)	1.48	0.69	3.17	3.12E-01	6.7E-01	1.06
291	phosphatidylcholine	PC(38:7)(c)	1.49	0.69	3.20	3.12E-01	5.1E-01	1.10
292	phosphatidylcholine	PC(39:5)	1.60	0.63	4.05	3.18E-01	8.6E-01	1.04
293	cholesterol ester	CE(24:1)	0.71	0.36	1.40	3.22E-01	2.9E-03	0.80
294	phosphatidylethanolamine	PE(18:0_22:5) (n6)	1.21	0.83	1.76	3.22E-01	9.1E-09	2.00
295	triacylglycerol	TG 54:6_NL 20:5	1.26	0.80	1.96	3.24E-01	3.9E-02	1.52
296	diacylglycerol	DG(17:1_18:2)	1.25	0.80	1.94	3.25E-01	3.2E-06	1.65
297	triacylglycerol	TG(18:0_18:0_18:1)	1.15	0.87	1.52	3.25E-01	1.9E-07	1.97
298	triacylglycerol	TG(15:0_18:1_18:1)	1.34	0.74	2.41	3.30E-01	1.3E-10	1.58
299	ceramide	Cer(d17:1/24:0)	1.44	0.69	2.99	3.31E-01	9.3E-01	0.99
300	triacylglycerol	TG 56:8_NL 22:6	1.18	0.85	1.64	3.33E-01	3.8E-02	1.83
301	triacylglycerol	TG(18:2_18:2_18:2)	1.11	0.90	1.38	3.33E-01	6.3E-02	1.75
302	alkenylphosphatidylethanolamine	PE(P-18:0/18:1)	0.67	0.30	1.51	3.34E-01	8.7E-03	0.77
303	phosphatidylcholine	PC(32:1)	1.35	0.74	2.47	3.34E-01	2.0E-03	1.23
304	cholesterol ester	CE(16:0)	1.84	0.53	6.33	3.36E-01	6.9E-01	1.00
305	diacylglycerol	DG(17:1_18:1)	1.26	0.78	2.03	3.39E-01	1.4E-18	1.98
306	lysoalkenylphosphatidylcholine	LPC(P-17:0) (b)	0.74	0.41	1.36	3.45E-01	5.6E-03	0.76
307	triacylglycerol	TG(16:1_16:1_18:1)	1.27	0.77	2.09	3.45E-01	1.1E-16	2.00
308	sphingomyelin	SM(43:2) (b)	0.63	0.25	1.62	3.46E-01	1.0E-02	0.90
309	diacylglycerol	DG(18:0_20:4)	1.28	0.77	2.12	3.48E-01	5.2E-14	1.84
310	lysoalkylphosphatidylcholine	LPC(O-18:1)	0.67	0.29	1.56	3.49E-01	1.5E-01	0.90
311	diacylglycerol	DG(17:0_18:1)	1.25	0.78	1.98	3.50E-01	3.1E-14	1.75
312	alkylphosphatidylcholine	PC(O-34:4)	0.69	0.32	1.51	3.51E-01	1.3E-01	0.88
313	lysophosphatidylcholine	LPC(22:0) [sn2]	0.68	0.30	1.54	3.51E-01	7.4E-08	0.79
314	phosphatidylcholine	PC(31:0) (b)	0.67	0.29	1.56	3.52E-01	2.0E-02	0.86
315	alkenylphosphatidylethanolamine	PE(P-15:0/22:6) (b)	0.83	0.59	1.18	3.53E-01	1.0E-01	0.98
316	phosphatidylethanolamine	PE(18:0_18:1)	1.24	0.79	1.93	3.55E-01	9.7E-04	1.37
317	phosphatidylcholine	PC(40:8)	0.64	0.25	1.64	3.56E-01	6.6E-06	0.86
318	alkylphosphatidylethanolamine	PE(O-18:1/18:2)	0.81	0.53	1.25	3.56E-01	1.0E-02	0.72
319	cholesterol ester	CE(20:0)	0.78	0.46	1.32	3.56E-01	1.1E-02	0.79
320	sphingomyelin	SM(d18:0/22:0)	1.36	0.71	2.60	3.58E-01	2.8E-02	1.27
321	ceramide	Cer(d20:1/26:0)	1.06	0.94	1.19	3.60E-01	8.8E-01	1.29
322	alkenylphosphatidylethanolamine	PE(P-18:1/20:4) (b)	0.82	0.53	1.27	3.68E-01	4.3E-01	0.84
323	ceramide	Cer(d18:1/19:0)	1.27	0.75	2.14	3.71E-01	1.6E-04	1.41

324	ceramide	Cer(d18:1/16:0)	1.84	0.48	7.08	3.76E-01	1.9E-03	1.12
325	lysophosphatidylcholine	LPC(19:0) [sn2] (a)	0.72	0.34	1.51	3.81E-01	2.8E-04	0.79
326	phosphoinositol	PI(18:1/18:2)	0.81	0.50	1.31	3.83E-01	5.6E-08	0.65
327	alkenylphosphatidylethanolamine	PE(P-20:0/22:6)	1.34	0.69	2.60	3.90E-01	1.7E-02	0.90
328	ceramide	Cer(d16:1/24:0)	1.33	0.69	2.53	3.92E-01	6.1E-01	1.05
329	GM3 ganglioside	GM3(d18:1/20:0)	1.38	0.65	2.92	3.94E-01	6.1E-02	1.18
330	cholesterol ester	CE(20:1)	0.71	0.32	1.56	3.97E-01	1.7E-02	0.89
331	triacylglycerol	TG(14:0_16:1_18:2)	0.87	0.63	1.20	3.98E-01	3.2E-01	1.16
332	sphingomyelin	SM(d16:1/23:0)/SM(d17:1/2)	0.64	0.23	1.80	3.99E-01	1.1E-06	0.85
333	alkylphosphatidylcholine	PC(O-18:0/22:6)	1.44	0.61	3.41	4.00E-01	5.0E-01	0.95
334	alkylphosphatidylcholine	PC(O-32:2)	0.82	0.51	1.31	4.02E-01	1.0E-12	0.52
335	sphingomyelin	SM(43:1)	0.64	0.22	1.81	4.03E-01	1.3E-02	0.91
336	phosphatidylserine	PS(36:1)	1.20	0.80	1.79	4.06E-01	2.5E-02	1.17
337	alkenylphosphatidylethanolamine	PE(P-16:0/20:3)	0.78	0.43	1.41	4.11E-01	1.3E-01	0.79
338	cholesterol ester	CE(24:0)	0.80	0.48	1.35	4.13E-01	1.4E-02	0.79
339	sphingomyelin	SM(d18:2/20:0)	0.62	0.20	1.96	4.17E-01	7.4E-01	1.00
340	sphingomyelin	SM(d17:1/24:1)	0.63	0.20	1.95	4.18E-01	8.7E-03	0.91
341	sphingomyelin	SM(d18:1/24:0)	0.65	0.23	1.86	4.19E-01	1.1E-03	0.89
342	lysophosphatidylcholine	LPC(20:0) [sn1]	0.71	0.30	1.65	4.19E-01	2.0E-09	0.79
343	phosphatidylcholine	PC(18:1_18:1)	0.57	0.15	2.21	4.19E-01	9.4E-06	0.87
344	GM3 ganglioside	GM3(d18:1/24:1)	1.38	0.63	3.05	4.19E-01	7.3E-01	0.99
345	sulfatide	Sulfatide (d18:1/24:0)	1.22	0.75	2.00	4.19E-01	6.0E-01	1.06
346	dihexosylceramide	Hex2Cer(d18:1/22:0)	1.36	0.64	2.89	4.21E-01	7.2E-03	0.82
347	diacylglycerol	DG(18:2_20:4)	1.08	0.89	1.32	4.21E-01	1.7E-01	1.37
348	lysoalkylphosphatidylcholine	LPC(O-20:0)	0.71	0.31	1.63	4.22E-01	2.6E-01	0.87
349	cholesterol ester	CE(16:2)	0.78	0.42	1.44	4.25E-01	2.4E-06	0.73
350	alkenylphosphatidylethanolamine	PE(P-18:0/20:3)	0.78	0.43	1.43	4.26E-01	7.3E-02	0.76
351	cholesterol ester	CE(22:0)	0.81	0.49	1.35	4.27E-01	1.2E-02	0.78
352	phosphatidylethanolamine	PE(17:0_18:2)	0.82	0.51	1.33	4.27E-01	4.1E-01	1.00
353	phosphatidylethanolamine	PE(36:0)	1.04	0.95	1.13	4.28E-01	7.2E-01	0.82
354	phosphatidylcholine	PC(38:6) (a)	0.63	0.19	2.02	4.28E-01	5.7E-03	0.93
355	lysophosphatidylcholine	LPC(22:5) [sn1] (n3)/LPC(22:5)	1.37	0.63	2.98	4.29E-01	2.5E-01	0.95
356	diacylglycerol	DG(15:0_18:2)	0.84	0.54	1.30	4.30E-01	3.3E-01	1.15
357	phosphatidylethanolamine	PE(18:0_22:5) (n3)	1.20	0.76	1.91	4.31E-01	1.3E-06	1.58
358	phosphatidylcholine	PC(36:6) (a)	1.19	0.77	1.83	4.33E-01	6.3E-01	1.14
359	ceramide	Cer(d18:2/20:0)	1.34	0.65	2.77	4.35E-01	8.5E-04	1.30
360	phosphatidylethanolamine	PE(17:0_22:6)	1.20	0.75	1.92	4.36E-01	3.1E-03	1.50
361	alkylphosphatidylcholine	PC(O-38:5)	0.68	0.26	1.81	4.36E-01	3.8E-01	1.00
362	triacylglycerol	TG 54:7_NL 22:6	1.14	0.82	1.58	4.38E-01	2.4E-03	1.98
363	sphingomyelin	SM(d18:1/18:0)/SM(d16:1/20:0)	1.63	0.47	5.69	4.43E-01	1.7E-03	1.16
364	phosphatidylglycerol	PG(34:1)	1.23	0.72	2.08	4.46E-01	2.9E-07	1.56
365	triacylglycerol	TG(16:0_16:0_16:0)	1.12	0.84	1.49	4.46E-01	3.5E-04	1.60
366	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (a)	0.84	0.52	1.33	4.51E-01	7.2E-01	0.80
367	cholesterol ester	CE(17:0)	1.44	0.55	3.76	4.55E-01	1.0E-01	0.88
368	triacylglycerol	TG(14:0_18:2_18:2)	0.87	0.61	1.25	4.55E-01	7.9E-01	1.11
369	cholesterol ester	CE(22:4)	0.74	0.34	1.62	4.57E-01	7.5E-02	1.04
370	monoalkyldiacylglycerol	TG(O-50:1)	0.83	0.50	1.37	4.58E-01	7.6E-01	0.89
371	alkylphosphatidylcholine	PC(O-40:5)	0.66	0.21	2.03	4.58E-01	5.0E-01	0.98
372	monohexosylceramide	HexCer(d16:1/22:0)	1.30	0.64	2.65	4.63E-01	2.9E-01	0.98
373	triacylglycerol	TG(16:0_17:0_18:1)	1.16	0.78	1.72	4.64E-01	1.3E-13	1.85
374	dihexosylceramide	Hex2Cer(d18:2/16:0)	0.72	0.30	1.73	4.68E-01	2.2E-02	0.89
375	dihexosylceramide	Hex2Cer(d16:1/16:0)	1.32	0.62	2.81	4.71E-01	9.7E-01	1.01
376	lysoalkenylphosphatidylethanolamine	LPE(P-20:0)	0.73	0.31	1.72	4.71E-01	5.6E-02	0.87
377	lysophosphatidylethanolamine	LPE(18:1)	0.79	0.42	1.51	4.78E-01	4.6E-01	0.92
378	alkenylphosphatidylethanolamine	PE(P-20:0/18:1)	1.31	0.62	2.76	4.78E-01	1.6E-01	0.88
379	phosphatidylcholine	PC(18:1_18:2)	0.80	0.45	1.44	4.80E-01	2.7E-03	0.84
380	alkenylphosphatidylcholine	PC(P-17:0/20:4) (a)	0.79	0.41	1.51	4.80E-01	8.3E-01	0.85
381	diacylglycerol	DG(14:0_18:2)	0.88	0.61	1.27	4.82E-01	3.2E-01	1.15
382	diacylglycerol	DG(16:0_18:0)	1.05	0.91	1.21	4.85E-01	5.0E-06	3.94
383	alkenylphosphatidylethanolamine	PE(P-20:0/20:4)	0.77	0.37	1.62	4.90E-01	6.5E-01	0.96
384	ceramide	Cer(d18:1/24:0)	1.41	0.53	3.77	4.95E-01	2.2E-01	1.07
385	cholesterol ester	CE(20:3)	1.36	0.56	3.29	4.96E-01	2.8E-05	1.19
386	alkylphosphatidylcholine	PC(O-32:1)	0.71	0.26	1.95	5.00E-01	1.5E-01	0.89
387	phosphatidylcholine	PC(36:0)	1.17	0.72	1.90	5.01E-01	5.5E-02	1.33
388	phosphoinositol	PI(16:0_16:1)	1.13	0.79	1.62	5.03E-01	3.3E-01	1.18
389	cholesterol ester	CE(20:5)	1.18	0.72	1.95	5.08E-01	1.2E-02	0.93
390	cholesterol ester	CE(22:1)	0.83	0.47	1.46	5.10E-01	2.4E-03	0.85
391	lysoalkenylphosphatidylcholine	LPC(P-18:0)	0.77	0.35	1.69	5.11E-01	2.2E-04	0.78
392	alkylphosphatidylcholine	PC(O-34:1)	0.67	0.20	2.22	5.14E-01	5.0E-02	0.90
393	monohexosylceramide	HexCer(d18:1/20:0)	0.77	0.35	1.68	5.15E-01	8.5E-02	0.96
394	ceramide	Cer(d18:1/21:0)	1.31	0.58	2.99	5.19E-01	4.3E-03	1.25
395	phosphoinositol	PI(38:5) (a)	1.33	0.56	3.17	5.21E-01	1.0E-01	0.97
396	sphingomyelin	SM(36:2) (a)	1.45	0.46	4.56	5.21E-01	3.2E-02	1.13
397	sphingomyelin	SM(36:2) (b)	1.45	0.46	4.56	5.21E-01	3.2E-02	1.13
398	phosphatidylethanolamine	PE(38:5) (a)	1.17	0.73	1.87	5.22E-01	1.0E-04	1.46
399	alkenylphosphatidylcholine	PC(P-18:0/22:6)	1.42	0.48	4.17	5.24E-01	4.8E-02	0.93
400	lysophosphatidylcholine	LPC(20:1) [sn2]	0.77	0.34	1.74	5.25E-01	1.1E-02	0.90
401	alkenylphosphatidylcholine	PC(P-16:0/16:0)	1.42	0.48	4.17	5.27E-01	4.6E-02	0.90
402	lysoalkylphosphatidylcholine	LPC(O-24:1)	0.78	0.36	1.70	5.29E-01	3.7E-01	0.96
403	sphingomyelin	SM(d18:1/24:1)	0.71	0.24	2.07	5.29E-01	2.6E-01	1.00
404	phosphatidylcholine	PC(16:0_18:2)	1.63	0.36	7.41	5.30E-01	3.7E-03	0.94
405	trihexosylceramide	Hex3Cer(d18:1/18:0)	1.23	0.64	2.40	5.33E-01	2.1E-01	0.90

406	sphingomyelin	SM(37:2)	0.74	0.29	1.91	5.35E-01	1.7E-01	0.93
407	phosphatidylcholine	PC(40:10)	1.33	0.55	3.22	5.36E-01	2.1E-01	0.98
408	phosphoinositol	PI(38:5)(b)	0.77	0.32	1.80	5.40E-01	3.8E-02	0.95
409	phosphatidylethanolamine	PE(16:0_20:3)	0.87	0.55	1.37	5.40E-01	4.5E-02	1.06
410	diacylglycerol	DG(14:0_16:0)	0.93	0.73	1.18	5.43E-01	4.8E-02	1.39
411	phosphatidylethanolamine	PE(18:1_22:6)(b)	0.88	0.59	1.32	5.45E-01	3.7E-03	1.32
412	trihexosylceramide	Hex3Cer(d18:1/24:1)	0.79	0.37	1.70	5.46E-01	7.9E-04	0.81
413	dihexosylceramide	Hex2Cer(d16:1/24:1)	0.85	0.50	1.44	5.47E-01	1.9E-02	0.89
414	cholesterol ester	CE(24:5)	1.15	0.73	1.82	5.47E-01	1.3E-01	0.87
415	phosphatidylethanolamine	PE(16:1_20:4)	0.89	0.62	1.29	5.48E-01	5.0E-03	1.45
416	lysophosphatidylcholine	LPC(22:5)[sn2](n3)	1.29	0.56	3.01	5.48E-01	2.5E-01	0.99
417	triacylglycerol	TG 56:7_NL 20:5	1.15	0.73	1.80	5.49E-01	5.8E-01	1.27
418	diacylglycerol	DG(18:1_20:3)	1.14	0.74	1.75	5.50E-01	1.8E-11	2.08
419	phosphatidylethanolamine	PE(16:1_18:2)	1.12	0.76	1.65	5.51E-01	3.0E-01	1.09
420	phosphoinositol	PI(18:0_22:5)(n6)	1.20	0.66	2.19	5.51E-01	4.3E-02	1.29
421	phosphatidylethanolamine	PE(16:0_16:0)	1.18	0.68	2.08	5.52E-01	1.6E-01	1.21
422	phosphatidylethanolamine	PE(16:0_18:3)(a)	0.89	0.60	1.31	5.56E-01	7.1E-01	0.98
423	cholesterol ester	CE(24:6)	0.82	0.42	1.60	5.58E-01	5.2E-02	1.00
424	phosphatidylcholine	PC(16:1_20:4)	0.87	0.56	1.36	5.59E-01	1.0E-04	1.35
425	diacylglycerol	DG(17:0_16:0)	0.96	0.83	1.11	5.61E-01	1.0E-04	2.08
426	lysophosphatidylcholine	LPC(18:0)[sn1]	0.61	0.12	3.17	5.61E-01	1.3E-03	0.94
427	phosphatidylcholine	PC(17:0_18:1)	1.37	0.46	4.07	5.69E-01	2.3E-01	1.06
428	phosphatidylcholine	PC(18:0_22:5)(n6)	1.19	0.64	2.20	5.77E-01	3.5E-06	1.46
429	lysophosphatidylethanolamine	LPE(18:0)	0.73	0.23	2.25	5.80E-01	1.8E-01	1.01
430	alkenylphosphatidylcholine	PC(P-38:5)(a)	0.74	0.25	2.16	5.82E-01	1.1E-01	0.92
431	cholesterol ester	CE(16:1)	1.21	0.62	2.36	5.82E-01	4.9E-01	1.02
432	phosphatidylcholine	PC(20:0_20:4)	0.81	0.37	1.75	5.88E-01	8.1E-01	1.02
433	cholesterol ester	CE(22:6)	1.13	0.72	1.76	5.90E-01	3.8E-03	0.82
434	triacylglycerol	TG 58:9_NL 22:6	1.10	0.78	1.54	5.92E-01	5.2E-01	1.41
435	phosphatidylethanolamine	PE(38:5)(b)	1.16	0.68	1.98	5.92E-01	3.6E-02	1.31
436	triacylglycerol	TG 54:7_NL 20:5	1.11	0.76	1.63	5.93E-01	1.8E-01	1.51
437	triacylglycerol	TG(16:0_16:0_18:0)	1.08	0.82	1.42	6.01E-01	1.8E-05	1.76
438	cholesterol ester	CE(14:0)	0.85	0.47	1.55	6.03E-01	5.0E-06	0.72
439	triacylglycerol	TG(14:1_16:1_18:0)	1.10	0.77	1.58	6.07E-01	3.5E-08	1.90
440	diacylglycerol	DG(18:1_18:3)	1.13	0.71	1.80	6.10E-01	4.4E-07	1.55
441	phosphoinositol	PI(16:0/20:3)(b)	1.16	0.65	2.09	6.11E-01	2.9E-01	1.12
442	GM3 ganglioside	GM3(d18:2/24:1)	1.15	0.68	1.94	6.13E-01	1.3E-01	0.93
443	alkenylphosphatidylcholine	PC(P-40:5)(b)	1.28	0.49	3.35	6.14E-01	7.8E-02	0.90
444	alkenylphosphatidylcholine	PC(P-16:0/18:1)	0.75	0.24	2.32	6.16E-01	5.2E-07	0.81
445	alkenylphosphatidylethanolamine	PE(P-15:0/22:6)(a)	0.89	0.56	1.41	6.17E-01	4.5E-05	0.70
446	ceramide	Cer(d17:1/22:0)	1.20	0.59	2.44	6.19E-01	1.7E-01	1.07
447	phosphatidylcholine	PC(16:0_16:0)	1.45	0.34	6.22	6.21E-01	2.9E-01	1.00
448	phosphatidylcholine	PC(16:0_20:4)	1.28	0.48	3.37	6.24E-01	4.3E-07	1.29
449	ceramide	Cer(d18:2/26:0)	1.20	0.58	2.46	6.26E-01	3.9E-02	0.83
450	alkylphosphatidylcholine	PC(O-16:0/22:6)	1.20	0.57	2.55	6.29E-01	1.5E-01	0.93
451	phosphoinositol	PI(18:0_18:1)	0.83	0.39	1.78	6.33E-01	1.7E-02	0.85
452	ceramide	Cer(d18:2/14:0)	0.90	0.57	1.41	6.37E-01	6.9E-01	0.90
453	alkenylphosphatidylcholine	PC(P-40:5)(a)	0.80	0.32	2.03	6.37E-01	8.2E-03	0.88
454	phosphoinositol	PI(34:1)	1.17	0.62	2.21	6.39E-01	4.8E-01	0.97
455	phosphatidylcholine	PC(17:0_20:4)	0.83	0.38	1.81	6.40E-01	3.7E-03	1.17
456	oxidised cholesterol ester	oxCE(18:2)[+2O]	0.87	0.50	1.53	6.42E-01	1.2E-02	0.80
457	phosphatidylethanolamine	PE(18:0_20:4)	1.13	0.67	1.92	6.46E-01	3.4E-09	1.62
458	ceramide	Cer(d18:2/22:0)	1.20	0.55	2.60	6.46E-01	1.3E-01	1.13
459	ceramide	Cer(d17:1/23:0)	1.17	0.60	2.27	6.49E-01	4.6E-01	0.93
460	phosphoinositol	PI(40:4)	1.19	0.56	2.55	6.50E-01	1.8E-04	1.32
461	phosphoinositol	PI(18:0_20:3)(b)	1.14	0.65	2.02	6.50E-01	2.5E-04	1.47
462	trihexosylceramide	Hex3Cer(d18:1/20:0)	0.86	0.46	1.63	6.52E-01	8.6E-02	0.88
463	monoalkyldiacylglycerol	TG(O-52:0)	0.91	0.61	1.36	6.54E-01	6.2E-01	0.97
464	lysophosphatidylcholine	LPC(16:0)[sn1]	0.71	0.15	3.31	6.60E-01	2.8E-01	1.00
465	alkenylphosphatidylethanolamine	PE(P-20:1/22:6)	0.91	0.58	1.41	6.60E-01	6.6E-02	0.79
466	phosphoinositol	PI(18:0/20:2)	1.18	0.57	2.43	6.61E-01	3.2E-01	1.01
467	lysophosphatidylcholine	LPC(20:1)[sn1]	0.84	0.38	1.85	6.61E-01	7.1E-03	0.88
468	cholesterol ester	CE(18:2)	0.80	0.29	2.20	6.61E-01	2.4E-06	0.81
469	triacylglycerol	TG(14:0_16:1_18:1)	0.92	0.63	1.34	6.62E-01	5.5E-04	1.38
470	phosphatidylcholine	PC(31:1)	0.88	0.50	1.55	6.63E-01	7.7E-01	0.95
471	phosphatidylcholine	PC(16:0_20:3)(a)	0.78	0.26	2.37	6.65E-01	8.7E-02	1.08
472	phosphoinositol	PI(16:0/16:0)	1.09	0.73	1.64	6.68E-01	1.1E-02	0.78
473	alkylphosphatidylcholine	PC(O-36:0)	0.80	0.28	2.27	6.69E-01	5.7E-02	0.89
474	cholesterol ester	CE(18:0)	0.80	0.29	2.21	6.70E-01	2.9E-02	0.92
475	trihexosylceramide	Hex3Cer(d18:1/24:0)	0.86	0.42	1.75	6.75E-01	5.0E-04	0.74
476	triacylglycerol	TG(14:1_18:0_18:2)	1.12	0.66	1.88	6.76E-01	5.5E-08	1.62
477	triacylglycerol	TG 56:9_NL 22:6	1.07	0.78	1.46	6.76E-01	2.3E-01	1.68
478	lysophosphatidylcholine	LPC(22:5)[sn1](n6)	1.13	0.62	2.06	6.81E-01	2.0E-01	1.10
479	alkenylphosphatidylcholine	PC(P-16:0/18:0)	0.80	0.27	2.38	6.85E-01	1.6E-02	0.84
480	phosphatidylcholine	PC(18:0_22:4)	0.87	0.44	1.71	6.89E-01	2.2E-04	1.27
481	triacylglycerol	TG 56:7_NL 22:5(b)	0.90	0.54	1.51	6.92E-01	4.9E-09	1.72
482	sphingomyelin	SM(44:1)	0.80	0.26	2.43	6.94E-01	1.9E-03	0.91
483	desmosterol	DE(22:6)	1.10	0.67	1.81	6.98E-01	8.9E-01	1.12
484	ceramide	Cer(d16:1/23:0)	1.13	0.60	2.13	6.99E-01	7.5E-01	1.03
485	alkenylphosphatidylethanolamine	PE(P-18:1/20:4)(a)	0.92	0.58	1.44	7.02E-01	7.5E-01	0.81
486	lysophosphatidylethanolamine	LPE(20:4)	0.86	0.39	1.89	7.04E-01	8.2E-02	1.12
487	GM3 ganglioside	GM3(d18:1/22:0)	1.19	0.49	2.91	7.05E-01	5.9E-01	0.97

488	monohexosylceramide	HexCer(d18:2/18:0)	0.87	0.43	1.77	7.08E-01	6.5E-01	1.00
489	triacylglycerol	TG(16:1_16:1_18:0)	0.92	0.59	1.44	7.10E-01	2.2E-02	1.15
490	phosphoinositol	PI(16:0/20:3) (a)	0.87	0.43	1.78	7.12E-01	4.0E-02	0.90
491	phosphatidylserine	PS(36:2)	1.11	0.64	1.93	7.15E-01	7.6E-04	1.23
492	diacylglycerol	DG(18:1_20:4)	1.09	0.68	1.76	7.15E-01	1.8E-08	1.74
493	ceramide	Cer(d18:2/24:0)	1.16	0.51	2.66	7.18E-01	4.3E-01	0.98
494	lysophosphatidylcholine	LPC(18:1) [sn1]	0.81	0.25	2.64	7.20E-01	3.1E-02	0.92
495	phosphatidylcholine	PC(33:0) (a)	0.85	0.35	2.07	7.20E-01	3.8E-01	0.91
496	alkenylphosphatidylcholine	PC(P-18:1/22:6)	1.16	0.51	2.65	7.21E-01	1.1E-03	0.91
497	sulfatide	Sulfatide (d18:1/24:0(OH))	0.87	0.41	1.86	7.24E-01	1.2E-01	1.09
498	alkylphosphatidylcholine	PC(O-18:0/18:1)	0.80	0.23	2.77	7.26E-01	6.7E-02	0.91
499	triacylglycerol	TG(18:1_18:1_20:4)	0.88	0.44	1.77	7.28E-01	4.6E-03	1.23
500	trihexosylceramide	Hex3Cer(d18:1/16:0)	1.19	0.45	3.10	7.29E-01	1.7E-02	0.88
501	phosphatidylcholine	PC(38:4) (b)	0.87	0.39	1.94	7.30E-01	3.4E-02	1.10
502	alkenylphosphatidylcholine	PC(P-16:0/20:5)	1.09	0.66	1.82	7.31E-01	4.1E-02	0.82
503	monohexosylceramide	HexCer(d18:2/20:0)	0.88	0.43	1.83	7.34E-01	3.8E-02	0.92
504	alkenylphosphatidylcholine	PC(P-35:2)(b)	0.95	0.72	1.26	7.37E-01	4.4E-03	0.64
505	phosphoinositol	PI(18:0_20:4)	1.18	0.43	3.27	7.43E-01	2.2E-02	1.23
506	sulfatide	Sulfatide (d18:1/16:0)	0.88	0.40	1.93	7.43E-01	7.8E-03	0.85
507	dihexosylceramide	Hex2Cer(d18:1/24:1)	0.90	0.47	1.71	7.45E-01	6.0E-03	0.82
508	lysoalkylphosphatidylcholine	LPC(O-22:0)	1.18	0.43	3.24	7.46E-01	3.8E-01	0.91
509	desmosterol	DE(18:1)	0.88	0.39	1.96	7.48E-01	2.3E-03	1.28
510	phosphoinositol	PI(17:0_18:2) (a+b)	0.89	0.44	1.80	7.48E-01	5.5E-03	0.80
511	phosphatidylethanolamine	PE(15-MHDA_18:2)	0.93	0.60	1.45	7.55E-01	3.3E-01	0.97
512	monohexosylceramide	HexCer(d18:1/24:0)	1.14	0.50	2.61	7.62E-01	6.6E-03	0.89
513	phosphatidylcholine	PC(18:0_18:1)	1.18	0.40	3.54	7.63E-01	5.5E-01	1.05
514	triacylglycerol	TG 58:10_NL 22:6	1.05	0.77	1.43	7.66E-01	6.0E-01	1.44
515	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (b)	0.91	0.50	1.67	7.68E-01	3.4E-01	0.89
516	phosphatidylcholine	PC(15-MHDA_20:4)	0.91	0.47	1.75	7.69E-01	1.0E-02	1.09
517	phosphatidylethanolamine	PE(16:0_18:3) (b)	1.05	0.75	1.47	7.70E-01	1.1E-01	1.18
518	phosphatidylethanolamine	PE(16:0_20:4)	1.08	0.63	1.85	7.70E-01	2.2E-05	1.41
519	ceramide	Cer(d17:1/16:0)	0.88	0.36	2.12	7.72E-01	9.5E-01	1.02
520	ceramide	Cer(d16:1/16:0)	1.12	0.53	2.37	7.74E-01	3.7E-01	1.08
521	lysophosphatidylethanolamine	LPE(16:0)	1.15	0.44	3.04	7.76E-01	2.1E-01	1.00
522	lysophosphatidylcholine	LPC(16:1) [sn2]	1.12	0.51	2.47	7.76E-01	5.5E-02	1.13
523	cholesterol ester	CE(20:4)	0.88	0.35	2.19	7.76E-01	9.2E-01	0.99
524	phosphatidylcholine	PC(14:0_22:6)	0.91	0.47	1.75	7.77E-01	1.6E-03	0.93
525	alkylphosphatidylcholine	PC(O-16:0/16:0)	0.84	0.26	2.78	7.78E-01	3.5E-01	0.92
526	lysophosphatidylcholine	LPC(20:5) [sn1]	1.07	0.67	1.72	7.85E-01	4.6E-02	0.94
527	phosphatidylcholine	PC(18:0_20:4)	1.13	0.47	2.73	7.86E-01	8.3E-08	1.34
528	sphingomyelin	SM(44:3)	0.87	0.32	2.35	7.86E-01	2.1E-02	0.89
529	alkenylphosphatidylethanolamine	PE(P-16:0/20:5)	1.06	0.70	1.61	7.91E-01	7.4E-03	0.75
530	phosphatidylethanolamine	PE(18:1_18:2)	0.95	0.63	1.42	7.93E-01	9.7E-01	0.94
531	monohexosylceramide	HexCer(d18:2/24:0)	0.90	0.39	2.07	8.02E-01	4.7E-04	0.84
532	desmosterol	DE(20:5)	1.05	0.70	1.59	8.03E-01	9.0E-01	1.18
533	trihexosylceramide	Hex3Cer(d18:1/22:0)	0.92	0.45	1.84	8.03E-01	1.6E-05	0.72
534	sphingomyelin	SM(d18:0/16:0)	0.90	0.38	2.16	8.13E-01	9.4E-01	0.93
535	phosphatidylcholine	PC(18:1_22:6) (b)	1.06	0.66	1.68	8.15E-01	5.2E-01	1.11
536	phosphatidylethanolamine	PE(16:0_18:2)	1.06	0.66	1.69	8.19E-01	1.0E-01	1.14
537	phosphatidylcholine	PC(15-MHDA_18:2)	0.94	0.53	1.65	8.24E-01	6.1E-02	0.83
538	monohexosylceramide	HexCer(d18:1/22:0)	1.10	0.48	2.51	8.25E-01	4.2E-03	0.88
539	monohexosylceramide	HexCer(d18:1/18:0)	0.91	0.39	2.12	8.29E-01	3.8E-01	1.03
540	ceramide	Cer(d19:1/26:0)	0.95	0.57	1.57	8.31E-01	6.1E-01	0.99
541	alkenylphosphatidylcholine	PC(P-16:0/14:0)	0.92	0.41	2.07	8.34E-01	4.6E-04	0.80
542	phosphatidylglycerol	PG(36:2)	1.05	0.66	1.68	8.35E-01	2.3E-07	1.58
543	phosphatidylethanolamine	PE(18:0_20:3) (b)	0.95	0.57	1.57	8.38E-01	1.3E-04	1.49
544	GM3 ganglioside	GM3(d18:1/16:0)	0.90	0.34	2.44	8.43E-01	6.7E-02	0.93
545	phosphatidylcholine	PC(15-MHDA_18:1)	1.06	0.59	1.89	8.50E-01	1.2E-01	1.03
546	monohexosylceramide	HexCer(d18:1/24:1)	1.08	0.50	2.32	8.51E-01	7.1E-02	0.94
547	lysophosphatidylcholine	LPC(20:5) [sn2]	1.05	0.65	1.70	8.54E-01	5.2E-02	0.96
548	alkenylphosphatidylethanolamine	PE(P-18:0/20:5)	0.96	0.62	1.49	8.59E-01	6.4E-03	0.72
549	ceramide	Cer(d18:2/16:0)	0.91	0.32	2.61	8.60E-01	7.0E-01	1.04
550	monohexosylceramide	HexCer(d18:1/16:0)	0.93	0.42	2.05	8.62E-01	2.4E-02	0.92
551	triacylglycerol	TG(14:0_16:0_18:1)	0.97	0.64	1.46	8.69E-01	4.7E-03	1.26
552	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (a)	1.05	0.59	1.88	8.71E-01	9.3E-03	0.86
553	triacylglycerol	TG(14:1_18:1_18:1)	1.05	0.57	1.95	8.71E-01	1.8E-10	1.53
554	triacylglycerol	TG(16:0_17:0_18:0)	1.02	0.81	1.29	8.74E-01	2.1E-04	1.59
555	alkenylphosphatidylcholine	PC(P-16:0/16:1)	0.93	0.37	2.34	8.77E-01	4.2E-02	0.88
556	phosphatidylcholine	PC(33:1)	1.09	0.38	3.10	8.78E-01	4.0E-01	1.03
557	lysophosphatidylinositol	LPI(20:4)	1.05	0.54	2.05	8.83E-01	9.0E-02	1.26
558	phosphatidylethanolamine	PE(18:0_18:2)	0.97	0.62	1.51	8.83E-01	2.2E-01	1.12
559	phosphatidylethanolamine	PE(15-MHDA_22:6)	1.04	0.64	1.67	8.86E-01	3.0E-03	1.31
560	diacylglycerol	DG(16:0_20:4)	1.03	0.67	1.58	8.87E-01	2.0E-08	1.70
561	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (a)	1.04	0.56	1.97	8.91E-01	6.7E-02	0.85
562	sphingomyelin	SM(d16:1/19:0)	1.08	0.37	3.17	8.94E-01	9.2E-01	0.98
563	lysophosphatidylcholine	LPC(22:1) [sn2]	0.96	0.56	1.66	8.96E-01	1.2E-03	0.91
564	triacylglycerol	TG(14:0_18:0_18:1)	1.02	0.74	1.40	9.00E-01	1.6E-03	1.42
565	triacylglycerol	TG(16:0_16:1_17:0)	1.02	0.70	1.50	9.01E-01	1.2E-03	1.32
566	lysophosphatidylinositol	LPI(18:2)	0.96	0.54	1.73	9.03E-01	2.7E-03	0.85
567	triacylglycerol	TG(14:0_17:0_18:1)	0.98	0.65	1.46	9.05E-01	1.5E-02	1.19
568	phosphatidylcholine	PC(35:5)	1.03	0.65	1.63	9.07E-01	8.1E-03	0.88
569	monohexosylceramide	HexCer(d18:2/22:0)	1.05	0.47	2.32	9.09E-01	7.4E-04	0.84

570	triacylglycerol	TG(15:0_16:0_18:1)	0.97	0.63	1.52	9.09E-01	6.1E-03	1.23
571	diacylglycerol	DG(17:0_18:2)	1.03	0.63	1.67	9.13E-01	2.4E-04	1.35
572	alkenylphosphatidylethanolamine	PE(P-18:0/22:6)	1.04	0.50	2.15	9.15E-01	1.1E-02	0.84
573	sphingomyelin	SM(44:2)	0.95	0.37	2.49	9.22E-01	3.1E-01	1.02
574	diacylglycerol	DG(17:1_16:0)	1.02	0.71	1.45	9.22E-01	1.0E-08	1.94
575	sphingomyelin	SM(d18:0/14:0)	0.96	0.39	2.36	9.26E-01	4.5E-01	0.95
576	cholesterol ester	CE(17:1)	1.03	0.52	2.04	9.30E-01	5.0E-01	1.02
577	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (b)	0.98	0.68	1.42	9.31E-01	5.6E-02	0.71
578	sphingomyelin	SM(d18:1/22:0)/SM(d16:1/2)	0.94	0.21	4.25	9.32E-01	7.5E-03	0.96
579	phosphatidylcholine	PC(18:0_20:3)	0.97	0.42	2.21	9.34E-01	8.2E-04	1.22
580	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (b)	1.03	0.56	1.89	9.36E-01	3.6E-02	0.86
581	dihexosylceramide	Hex2Cer(d18:1/16:0)	0.96	0.34	2.68	9.37E-01	1.7E-02	0.91
582	lysophosphatidylinositol	LPI(18:0)	0.97	0.48	1.96	9.40E-01	9.3E-01	1.11
583	alkylphosphatidylethanolamine	PE(O-36:6)	0.98	0.65	1.49	9.41E-01	1.5E-02	0.75
584	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (a)	0.98	0.64	1.50	9.41E-01	3.9E-04	0.69
585	ceramide	Cer(d18:2/23:0)	1.03	0.47	2.28	9.42E-01	2.7E-01	0.97
586	phosphoinositol	PI(16:0_20:4)	0.98	0.44	2.16	9.51E-01	9.4E-01	1.08
587	phosphoinositol	PI(35:1)	1.02	0.54	1.92	9.51E-01	2.3E-01	0.90
588	phosphatidylethanolamine	PE(18:0_20:3) (a)	0.99	0.64	1.53	9.53E-01	1.6E-05	1.48
589	lysophosphatidylcholine	LPC(19:1) (c)	0.97	0.31	2.99	9.55E-01	2.1E-03	0.89
590	lysophosphatidylcholine	LPC(16:1) [sn1]	1.03	0.39	2.69	9.59E-01	1.1E-01	1.08
591	phosphatidylserine	PS(38:4)	0.99	0.63	1.56	9.60E-01	3.7E-01	1.01
592	phosphoinositol	PI(36:2) (a+b)	1.02	0.47	2.20	9.61E-01	4.9E-04	0.85
593	triacylglycerol	TG(14:1_16:0_18:1)	0.99	0.72	1.38	9.68E-01	1.1E-03	1.50
594	alkylphosphatidylcholine	PC(O-36:5)	1.01	0.61	1.67	9.69E-01	8.3E-03	0.80
595	diacylglycerol	DG(15:0_18:1)	1.01	0.66	1.54	9.69E-01	2.4E-05	1.50
596	phosphatidylethanolamine	PE(18:0_22:4)	1.01	0.70	1.46	9.69E-01	1.2E-07	1.67
597	triacylglycerol	TG(16:1_16:1_16:1)	0.99	0.70	1.40	9.70E-01	1.4E-04	1.67
598	alkylphosphatidylcholine	PC(O-40:7) (b)	1.02	0.44	2.37	9.71E-01	9.8E-01	1.02
599	cholesterol ester	CE(20:2)	0.98	0.30	3.15	9.71E-01	1.6E-01	1.05
600	alkenylphosphatidylcholine	PC(P-20:0/20:4)	1.02	0.42	2.47	9.72E-01	5.1E-01	0.98
601	triacylglycerol	TG(14:0_16:0_18:2)	0.99	0.69	1.43	9.72E-01	6.3E-04	1.46
602	alkenylphosphatidylethanolamine	PE(P-16:0/22:6)	1.01	0.43	2.36	9.84E-01	1.4E-01	0.94
603	diacylglycerol	DG(14:0_18:1)	1.00	0.71	1.41	9.86E-01	1.6E-04	1.57
604	triacylglycerol	TG(18:0_18:0_18:0)	1.00	0.79	1.26	9.87E-01	2.5E-03	1.48
605	lysophosphatidylcholine	LPC(22:1) [sn1]	1.00	0.57	1.73	9.88E-01	4.8E-03	0.89
606	phosphatidylcholine	PC(44:12)	1.00	0.72	1.39	9.92E-01	2.3E-04	0.77
607	phosphatidylethanolamine	PE(16:0_20:5)	1.00	0.66	1.53	9.92E-01	8.3E-01	1.16
608	phosphatidylethanolamine	PE(18:1_18:1)	1.00	0.71	1.41	9.97E-01	4.2E-02	1.23
609	sphingomyelin	SM(d18:1/20:0)/SM(d16:1/2)	1.00	0.28	3.55	9.98E-01	3.6E-01	1.02

List B. Lipids associated with testosterone suppression failure in mHSPC

cox regression rank	Lipid type	Lipid name	Hazard ratio	lower 95% CI	upper 95% CI	Hazard ratio P-value	t-test Profile H3 vs H1, P-value	fold, Profile H3/H1
1	phosphatidylcholine	PC(28:0)	0.51	0.33	0.79	1.76E-03	2.1E-04	0.35
2	triacylglycerol	TG(48:3) [NL-16:1]	0.59	0.40	0.85	3.96E-03	2.0E-08	0.23
3	triacylglycerol	TG(48:3) [NL-14:0]	0.68	0.52	0.88	4.24E-03	2.9E-08	0.12
4	ceramide	Cer(d20:1/24:1)	4.10	1.48	11.38	4.27E-03	9.6E-03	1.41
5	diacylglycerol	DG(14:0_16:0)	0.67	0.50	0.91	4.31E-03	9.5E-09	0.13
6	diacylglycerol	DG(16:0_16:1)	0.51	0.31	0.82	5.86E-03	7.0E-09	0.40
7	phosphatidylcholine	PC(14:0_16:0)	0.36	0.17	0.77	6.14E-03	5.9E-03	0.64
8	diacylglycerol	DG(14:0_18:2)	0.54	0.34	0.85	6.74E-03	1.6E-06	0.33
9	triacylglycerol	TG(48:2) [SIM]	0.57	0.38	0.86	7.67E-03	6.5E-07	0.26
10	ceramide	Cer(d19:1/16:0)	2.09	1.20	3.64	8.26E-03	4.9E-03	1.79
11	ceramide	Cer(d18:1/19:0)	2.18	1.21	3.92	8.61E-03	1.3E-03	1.81
12	triacylglycerol	TG(48:3) [SIM]	0.62	0.43	0.91	8.62E-03	1.1E-06	0.22
13	deoxyceramide	Cer(m18:0/23:0)	0.51	0.31	0.83	9.09E-03	4.7E-04	0.45
14	sphingomyelin	SM(38:3) (a)	4.10	1.38	12.16	9.45E-03	4.1E-07	1.71
15	triacylglycerol	TG(56:6) [NL-20:4]	2.40	1.25	4.63	1.02E-02	1.6E-04	1.89
16	phosphatidylcholine	PC(32:2)	0.34	0.15	0.78	1.16E-02	2.4E-03	0.62
17	acylcarnitine	AC(15:0)	2.79	1.23	6.33	1.17E-02	1.9E-03	1.72
18	sphingomyelin	SM(38:3) (b)	2.88	1.24	6.73	1.33E-02	4.3E-05	1.79
19	monohexosylceramide	HexCer(d18:1/18:0)	3.42	1.22	9.59	1.46E-02	2.6E-03	1.44
20	ceramide	Cer(d18:2/18:0)	2.43	1.13	5.23	1.50E-02	1.1E-01	1.31
21	triacylglycerol	TG(50:4) [NL-18:3]	0.63	0.44	0.92	1.53E-02	2.0E-07	0.27
22	triacylglycerol	TG(48:2) [NL-16:1]	0.61	0.40	0.91	1.67E-02	9.6E-09	0.29
23	sphingomyelin	SM(d18:1/17:0)/SM(d17:1/17:0)	2.71	1.13	6.45	1.67E-02	2.5E-06	1.79
24	triacylglycerol	TG(48:2) [NL-14:0]	0.63	0.43	0.91	1.69E-02	7.1E-07	0.23
25	triacylglycerol	TG(48:3) [NL-18:3]	0.73	0.57	0.95	1.71E-02	1.2E-07	0.11
26	free fatty acid	FA(18:0)	6.73	1.41	32.11	1.78E-02	1.1E-04	1.27
27	diacylglycerol	DG(16:1_18:1)	0.58	0.37	0.90	1.81E-02	9.3E-06	0.48
28	triacylglycerol	TG(50:4) [SIM]	0.58	0.37	0.93	1.88E-02	3.0E-06	0.35
29	deoxyceramide	Cer(m18:1/24:0)	0.55	0.33	0.91	1.99E-02	1.1E-03	0.50
30	GM3 ganglioside	GM3(d18:1/20:0)	2.56	1.12	5.87	2.01E-02	3.5E-03	1.43
31	ceramide	Cer(d18:1/18:0)	3.27	1.17	9.16	2.12E-02	8.3E-03	1.30
32	triacylglycerol	TG(48:2) [NL-14:1]	0.69	0.51	0.94	2.16E-02	8.9E-08	0.20
33	sphingomyelin	SM(d18:2/18:1)	5.53	1.31	23.39	2.17E-02	1.5E-04	1.39
34	triacylglycerol	TG(48:1) [NL-16:1]	0.65	0.45	0.94	2.18E-02	1.6E-10	0.24
35	sphingomyelin	SM(d18:2/17:0)	4.21	1.19	14.86	2.18E-02	1.1E-05	1.50
36	sphingomyelin	SM(d16:1/19:0)	5.93	1.26	27.93	2.18E-02	1.0E-04	1.32
37	acylcarnitine	AC(18:0)	3.35	1.35	8.34	2.30E-02	6.1E-02	1.43
38	deoxyceramide	Cer(m18:1/23:0)	0.58	0.36	0.92	2.33E-02	3.9E-03	0.51
39	phosphatidylethanolamine	PE(16:0_16:1)	0.66	0.47	0.93	2.33E-02	2.5E-03	0.42
40	cholesterol ester	CE(16:0)	5.24	1.14	24.19	2.38E-02	1.8E-03	1.30
41	deoxyceramide	Cer(m18:0/22:0)	0.60	0.38	0.93	2.42E-02	3.2E-04	0.45
42	dihexosylceramide	Hex2Cer(d16:1/16:0)	0.35	0.15	0.84	2.44E-02	7.3E-01	1.05
43	phosphatidic acid	PA(36:1)	0.41	0.19	0.89	2.44E-02	2.9E-01	0.82
44	triacylglycerol	TG(49:1) [NL-17:1]	0.58	0.36	0.94	2.48E-02	8.7E-08	0.35
45	triacylglycerol	TG(48:2) [NL-18:2]	0.65	0.44	0.95	2.58E-02	7.7E-07	0.24
46	sphingomyelin	SM(d18:2/20:0)	3.49	1.17	10.38	2.60E-02	9.1E-06	1.47
47	triacylglycerol	TG(50:3) [NL-18:2]	0.47	0.25	0.88	2.64E-02	4.5E-04	0.59
48	phosphatidylinositol	PI(16:0_16:1)	0.64	0.43	0.95	2.70E-02	2.0E-02	0.46
49	triacylglycerol	TG(50:4) [NL-20:4]	0.75	0.57	0.97	2.78E-02	3.0E-08	0.13
50	triacylglycerol	TG(50:3) [SIM]	0.43	0.21	0.89	2.85E-02	6.5E-05	0.57
51	ceramide	Cer(d19:1/18:0)	1.82	1.04	3.20	2.97E-02	1.2E-01	1.40
52	triacylglycerol	TG(48:1) [NL-18:1]	0.63	0.42	0.95	2.99E-02	1.1E-06	0.26
53	lysophosphatidylcholine	LPC(14:0) [sn2]	0.43	0.21	0.91	3.14E-02	1.6E-04	0.56
54	triacylglycerol	TG(48:1) [SIM]	0.63	0.41	0.96	3.19E-02	2.9E-07	0.27
55	lysophosphatidylcholine	LPC(14:0) [sn1]	0.47	0.24	0.91	3.51E-02	1.5E-03	0.56
56	triacylglycerol	TG(50:2) [NL-18:1]	0.48	0.25	0.93	3.52E-02	3.7E-03	0.61
57	triacylglycerol	TG(52:5) [NL-20:4]	0.68	0.48	0.97	3.67E-02	6.5E-08	0.28
58	triacylglycerol	TG(50:3) [NL-14:0]	0.53	0.30	0.96	3.70E-02	3.6E-03	0.51
59	ceramide	Cer(d19:1/20:0)	2.08	1.01	4.29	3.70E-02	1.4E-01	1.26
60	triacylglycerol	TG(48:0) [SIM]	0.66	0.45	0.98	3.81E-02	1.6E-06	0.26
61	acylcarnitine	AC(14:1)	1.69	1.03	2.79	3.83E-02	1.7E-05	2.61
62	deoxyceramide	Cer(m18:1/22:0)	0.63	0.40	0.98	3.85E-02	1.8E-03	0.48
63	ceramide	Cer(d18:1/14:0)	0.32	0.11	0.96	3.90E-02	2.5E-01	0.86
64	triacylglycerol	TG(54:7) [NL-22:6]	0.59	0.36	0.97	3.91E-02	4.5E-04	0.49
65	lysophosphatidylinositol	LPI(18:0) [sn2]	2.43	0.99	5.95	4.14E-02	2.1E-02	1.37
66	deoxyceramide	Cer(m18:0/24:0)	0.58	0.35	0.98	4.14E-02	1.3E-04	0.50
67	triacylglycerol	TG(50:4) [NL-14:0]	0.70	0.50	0.99	4.18E-02	1.1E-04	0.30
68	acylcarnitine	AC(14:2)	1.86	1.01	3.43	4.25E-02	6.8E-05	2.20
69	diacylglycerol	DG(16:0_16:0)	0.70	0.48	1.00	4.27E-02	1.6E-06	0.28
70	triacylglycerol	TG(49:1) [SIM]	0.59	0.35	1.00	4.31E-02	3.2E-06	0.40
71	sphingomyelin	SM(d18:2/18:0)	2.49	1.02	6.08	4.32E-02	9.9E-05	1.58
72	ceramide	Cer(d18:1/24:1)	4.61	1.04	20.42	4.37E-02	4.4E-03	1.24
73	free fatty acid	FA(16:2)	1.66	1.08	2.55	4.41E-02	4.2E-02	1.64
74	triacylglycerol	TG(48:0) [NL-16:0]	0.69	0.48	0.99	4.55E-02	2.0E-06	0.26
75	triacylglycerol	TG(48:0) [NL-18:0]	0.75	0.56	1.00	4.66E-02	3.5E-08	0.15
76	phosphatidylcholine	PC(32:1)	0.51	0.26	1.02	4.96E-02	3.7E-02	0.66
77	sphingomyelin	SM(d19:1/24:1)	2.93	0.97	8.90	4.97E-02	1.3E-06	1.44

78	sphingomyelin	SM(37:1)	2.59	0.98	6.85	5.07E-02	1.7E-04	1.60
79	ceramide	Cer(d19:1/24:1)	2.23	0.96	5.19	5.23E-02	1.9E-02	1.34
80	sphingomyelin	SM(37:2)	2.74	0.98	7.71	5.37E-02	1.1E-06	1.66
81	deoxyceramide	Cer(m18:0/20:0)	0.64	0.41	1.00	5.48E-02	2.8E-03	0.50
82	phosphatidylinositol	PI(34:1)	0.45	0.20	1.02	5.50E-02	1.5E-01	0.80
83	dihexosylceramide	Hex2Cer(d18:1/20:0)	2.35	0.98	5.67	5.63E-02	1.8E-03	1.38
84	triacylglycerol	TG(50:1) [NL-14:0]	0.69	0.47	1.03	5.72E-02	1.5E-07	0.24
85	triacylglycerol	TG(49:1) [NL-16:1]	0.54	0.28	1.04	5.73E-02	6.3E-05	0.54
86	phosphatidylcholine	PC(33:1)	0.27	0.07	1.03	5.73E-02	1.2E-01	0.87
87	phosphatidylserine	PS(38:5)	1.59	0.98	2.59	5.77E-02	8.5E-03	1.98
88	diacylglycerol	DG(16:0_20:4)	0.58	0.33	1.03	5.97E-02	2.3E-06	0.52
89	acylcarnitine	AC(13:0)	1.48	0.98	2.24	6.09E-02	1.5E-02	2.13
90	sphingomyelin	SM(d18:1/18:0)/SM(d16:1/20:0)	3.97	0.90	17.54	6.22E-02	1.7E-05	1.36
91	triacylglycerol	TG(50:3) [NL-16:1]	0.58	0.33	1.00	6.32E-02	9.2E-04	0.55
92	ceramide	Cer(d18:2/16:0)	2.98	0.89	10.06	6.33E-02	1.8E-02	1.31
93	cholesterol ester	CE(20:2)	3.66	0.89	14.99	6.51E-02	7.2E-03	1.21
94	dihydroceramide	Cer(d18:0/18:0)	1.58	0.95	2.61	6.54E-02	2.1E-02	1.78
95	deoxyceramide	Cer(m18:1/24:1)	0.66	0.44	1.01	6.64E-02	5.6E-02	0.70
96	diacylglycerol	DG(16:0_18:1)	0.64	0.39	1.03	6.66E-02	1.2E-05	0.51
97	monohexosylceramide	HexCer(d18:2/18:0)	2.04	0.94	4.40	6.72E-02	1.7E-01	1.23
98	ceramide	Cer(d20:1/23:0)	2.78	0.88	8.76	6.76E-02	8.7E-01	1.02
99	sphingomyelin	SM(d18:1/16:0)	4.22	0.88	20.25	6.97E-02	2.7E-08	1.42
100	ceramide	Cer(d18:1/20:0)	3.59	0.90	14.35	7.11E-02	1.5E-01	1.14
101	phosphatidylethanolamine	PE(16:1_20:4)	0.66	0.43	1.02	7.13E-02	7.7E-02	0.57
102	acylcarnitine	AC(17:0)	2.18	0.96	4.96	7.38E-02	2.0E-02	1.61
103	phosphatidylinositol	PI(16:0/16:0)	0.67	0.43	1.04	7.52E-02	1.3E-01	0.67
104	phosphatidylethanolamine	PE(18:0_22:5) (n3)	0.58	0.31	1.07	7.54E-02	2.2E-02	0.66
105	monoalkyl diacylglycerol	TG(O-52:0) [NL-16:0]	0.78	0.59	1.04	7.72E-02	2.1E-07	0.17
106	triacylglycerol	TG(51:0) [NL-16:0]	0.78	0.59	1.04	7.81E-02	2.0E-07	0.17
107	deoxyceramide	Cer(m18:1/20:0)	0.68	0.44	1.04	8.00E-02	1.4E-02	0.58
108	triacylglycerol	TG(50:0) [SIM]	0.75	0.54	1.04	8.18E-02	2.2E-06	0.20
109	diacylglycerol	DG(18:1_20:3)	0.69	0.46	1.04	8.20E-02	4.5E-02	0.63
110	sphingomyelin	SM(44:2)	2.46	0.88	6.88	8.20E-02	3.8E-06	1.64
111	ceramide	Cer(d18:1/16:0)	5.43	0.77	38.10	8.26E-02	2.1E-03	1.23
112	triacylglycerol	TG(50:0) [NL-18:0]	0.77	0.57	1.04	8.58E-02	1.3E-05	0.19
113	free fatty acid	FA(20:5)	2.24	0.91	5.49	8.82E-02	8.6E-03	1.37
114	alkenylphosphatidylcholine	PC(P-16:0/14:0)	0.34	0.09	1.20	8.88E-02	2.8E-01	1.14
115	triacylglycerol	TG(50:2) [NL-16:1]	0.59	0.33	1.06	8.92E-02	1.3E-03	0.59
116	phosphatidylserine	PS(36:1)	2.72	0.87	8.50	8.92E-02	2.5E-01	1.10
117	cholesterol ester	CE(18:2)	2.46	0.82	7.38	9.04E-02	2.0E-05	1.48
118	triacylglycerol	TG(50:1) [SIM]	0.50	0.22	1.13	9.05E-02	1.6E-05	0.59
119	phosphatidylethanolamine	PE(16:0_18:3) (b)	0.69	0.45	1.06	9.17E-02	6.3E-03	0.51
120	cholesterol ester	CE(20:4)	2.58	0.81	8.22	9.23E-02	3.3E-04	1.35
121	sphingomyelin	SM(d18:2/23:0)	3.02	0.79	11.49	9.25E-02	1.5E-05	1.41
122	cholesterol ester	CE(20:0)	0.61	0.34	1.07	9.42E-02	6.6E-02	0.76
123	phosphatidylethanolamine	PE(16:0_18:3) (a)	0.63	0.37	1.09	9.45E-02	1.3E-01	0.70
124	sphingomyelin	SM(d18:1/24:1)	2.35	0.84	6.53	9.52E-02	6.5E-07	1.64
125	lysalkenylphosphatidylcholine	LPC(P-20:0)	2.03	0.88	4.71	9.70E-02	7.4E-02	1.19
126	sphingomyelin	SM(43:2) (b)	2.58	0.83	8.01	9.80E-02	2.5E-07	1.50
127	monohexosylceramide	HexCer(d18:1/16:0)	2.21	0.88	5.56	9.84E-02	9.2E-04	1.51
128	phosphatidylethanolamine	PE(18:0_22:4)	0.68	0.43	1.07	9.97E-02	1.6E-02	0.58
129	acylcarnitine	AC(18:2)	1.69	0.91	3.13	1.01E-01	1.7E-03	1.87
130	phosphatidylethanolamine	PE(18:0_20:3) (a)	0.61	0.34	1.11	1.03E-01	4.0E-02	0.67
131	phosphatidylcholine	PC(16:0_18:3) (a)	0.36	0.10	1.29	1.03E-01	2.9E-01	0.91
132	cholesterol ester	CE(22:0)	0.61	0.33	1.10	1.04E-01	1.0E-01	0.78
133	ubiquinone	Ubiquinone	2.10	0.91	4.87	1.07E-01	4.5E-01	1.13
134	ceramide	Cer(d17:1/18:0)	1.81	0.85	3.83	1.09E-01	6.5E-02	1.26
135	triacylglycerol	TG(50:3) [NL-18:3]	0.67	0.41	1.09	1.10E-01	7.3E-06	0.39
136	cholesterol ester	CE(24:0)	0.60	0.32	1.11	1.12E-01	6.0E-01	0.93
137	sphingomyelin	SM(d18:0/14:0)	0.30	0.07	1.33	1.12E-01	8.1E-01	0.98
138	triacylglycerol	TG(51:2) [SIM]	0.66	0.40	1.09	1.13E-01	8.4E-04	0.58
139	phosphatidylethanolamine	PE(38:5) (b)	0.56	0.28	1.15	1.13E-01	1.2E-01	0.79
140	acylcarnitine	AC(16:1)	1.76	0.87	3.55	1.14E-01	2.1E-04	2.00
141	sphingomyelin	SM(44:3)	2.27	0.79	6.49	1.14E-01	1.3E-06	1.65
142	phosphatidylglycerol	PG(36:1)	0.65	0.38	1.12	1.14E-01	2.9E-03	0.60
143	phosphatidylinositol-1-phosphate	PIP1(38:4)	0.64	0.37	1.11	1.17E-01	7.2E-02	1.44
144	acylcarnitine	AC(12:0)	1.54	0.89	2.64	1.18E-01	1.4E-04	2.19
145	sphingomyelin	SM(d18:1/14:0)/SM(d16:1/16:0)	0.24	0.04	1.43	1.21E-01	8.1E-01	1.02
146	deoxyceramide	Cer(m18:0/24:1)	0.69	0.43	1.10	1.25E-01	4.9E-03	0.63
147	phosphatidylinositol	PI(16:0_20:3) (b)	0.59	0.31	1.15	1.26E-01	6.5E-02	0.70
148	triacylglycerol	TG(54:3) [NL-18:1]	1.65	0.87	3.11	1.26E-01	1.9E-02	1.53
149	phosphatidylcholine	PC(31:0) (a)	0.59	0.30	1.16	1.27E-01	2.0E-02	0.68
150	demosterol	DE(20:4)	1.83	0.82	4.11	1.28E-01	6.2E-03	1.40
151	triacylglycerol	TG(54:6) [NL-22:6]	0.63	0.35	1.15	1.28E-01	4.0E-02	0.61
152	phosphatidylcholine	PC(18:0_20:3)	0.53	0.24	1.19	1.29E-01	1.1E-01	0.78
153	lysophosphatidylcholine	LPC(20:4) [+OH]	1.72	0.86	3.43	1.29E-01	8.3E-01	1.03
154	diacylglycerol	DG(16:0_22:6)	0.67	0.40	1.13	1.31E-01	2.5E-02	0.60
155	triacylglycerol	TG(50:1) [NL-16:0]	0.56	0.26	1.21	1.32E-01	8.1E-06	0.55
156	lysophosphatidylcholine	LPE(17:0) [sn2]	2.23	0.78	6.42	1.33E-01	2.3E-02	1.20
157	lysophosphatidylcholine	LPC(15-MHDA) [sn1] / LPC(17:0)	2.68	0.72	9.88	1.35E-01	8.8E-01	0.98
158	dihexosylceramide	Hex2Cer(d18:1/18:0)	2.17	0.78	6.03	1.36E-01	5.0E-04	1.48
159	sphingomyelin	SM(d17:1/24:1)	2.56	0.75	8.77	1.36E-01	1.6E-07	1.49

160	phosphatidylethanolamine	PE(18:0_22:5) (n6)	0.74	0.50	1.09	1.37E-01	2.0E-02	0.58
161	sphingomyelin	SM(40:3) (b)	2.49	0.73	8.44	1.38E-01	4.4E-04	1.44
162	lysophosphatidylcholine	LPC(17:0) [sn1]	2.57	0.72	9.19	1.38E-01	8.8E-01	1.02
163	ceramide	Cer(d18:2/20:0)	1.93	0.82	4.56	1.39E-01	4.6E-01	1.09
164	triacylglycerol	TG(54:5) [SIM]	1.81	0.83	3.94	1.41E-01	1.9E-01	1.20
165	phosphatidylethanolamine	PE(16:1_18:2)	0.70	0.44	1.12	1.42E-01	9.5E-02	0.60
166	phosphatidylglycerol	PG(34:1)	0.62	0.32	1.18	1.44E-01	4.7E-02	0.76
167	triacylglycerol	TG(56:7) [NL-20:4]	1.85	0.82	4.15	1.45E-01	6.6E-03	1.36
168	phosphatidylserine	PS(36:2)	2.11	0.76	5.82	1.46E-01	1.0E-01	1.22
169	phosphatidylethanolamine	PE(20:0_20:4)	0.61	0.32	1.18	1.46E-01	2.8E-01	0.82
170	alkenylphosphatidylethanolamine	PE(P-18:0/18:1)	2.26	0.76	6.69	1.46E-01	7.5E-01	1.03
171	phosphatidylethanolamine	PE(16:0_18:2)	0.62	0.33	1.18	1.47E-01	2.2E-01	0.80
172	ceramide	Cer(d19:1/22:0)	1.70	0.81	3.58	1.48E-01	7.2E-01	0.94
173	sphingomyelin	SM(35:2) (b)	2.64	0.70	9.97	1.48E-01	8.4E-05	1.43
174	diacylglycerol	DG(16:0_18:2)	0.65	0.36	1.17	1.50E-01	2.2E-03	0.62
175	diacylglycerol	DG(18:0_18:1)	0.71	0.44	1.13	1.50E-01	2.0E-04	0.53
176	phosphatidic acid	PA(34:1)	0.53	0.22	1.26	1.51E-01	4.7E-01	1.12
177	acylcarnitine	AC(16:0)	2.45	0.77	7.78	1.52E-01	4.7E-02	1.36
178	lysoalkenylphosphatidylcholine	LPC(P-18:1)	2.41	0.73	7.88	1.52E-01	9.0E-02	1.13
179	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (a)	1.84	0.81	4.16	1.52E-01	2.1E-01	1.18
180	lysophosphatidylcholine	LPE(17:0) [sn1]	1.73	0.80	3.75	1.53E-01	1.2E-01	1.21
181	diacylglycerol	DG(16:0_22:5)	0.67	0.39	1.17	1.53E-01	2.5E-03	0.60
182	phosphatidylethanolamine	PE(16:0_18:1)	0.67	0.40	1.13	1.53E-01	6.6E-02	0.71
183	phosphatidylethanolamine	PE(18:0_18:2)	0.63	0.33	1.19	1.55E-01	2.5E-02	0.70
184	sphingomyelin	SM(43:2) (c)	2.72	0.65	11.33	1.55E-01	5.9E-06	1.42
185	sphingosine	Sph(d16:1)	2.65	0.67	10.45	1.56E-01	1.3E-03	1.28
186	phosphatidylcholine	PC(34:2) [+OH]	0.58	0.27	1.25	1.58E-01	1.9E-02	0.74
187	ceramide	Cer(d19:1/23:0)	1.72	0.78	3.78	1.60E-01	9.4E-01	0.99
188	phosphatidylcholine	PC(33:0) (b)	2.48	0.69	8.91	1.62E-01	2.4E-03	1.27
189	deoxyceramide	Cer(m18:1/18:0)	0.75	0.50	1.12	1.62E-01	3.7E-02	0.58
190	ceramide	Cer(d18:1/21:0)	2.00	0.75	5.34	1.63E-01	2.0E-01	1.19
191	phosphatidylcholine	PC(16:0_20:3) (b)	0.61	0.30	1.23	1.63E-01	5.2E-01	0.88
192	monohexosylceramide	HexCer(d18:1/20:0)	1.92	0.77	4.81	1.64E-01	3.5E-03	1.40
193	alkenylphosphatidylethanolamine	PE(P-18:1/18:1)	2.02	0.76	5.34	1.65E-01	3.9E-01	1.10
194	cholesterol ester	CE(22:5) (n3)	1.91	0.75	4.87	1.65E-01	1.2E-03	1.38
195	diacylglycerol	DG(18:0_18:2)	0.70	0.42	1.17	1.66E-01	4.4E-04	0.54
196	phosphatidylinositol	PI(17:0_18:2)	0.55	0.24	1.28	1.68E-01	1.8E-01	0.83
197	triacylglycerol	TG(54:4) [NL-20:3]	0.68	0.40	1.16	1.68E-01	2.2E-02	0.67
198	triacylglycerol	TG(56:9) [NL-22:6]	0.73	0.47	1.14	1.72E-01	1.8E-01	0.70
199	phosphatidylcholine	PC(16:0_16:0)	0.36	0.08	1.55	1.72E-01	3.6E-01	1.07
200	phosphatidylcholine	PC(14:0_20:4)	0.61	0.31	1.22	1.73E-01	1.7E-03	0.58
201	acylcarnitine	AC(18:1)	1.95	0.76	5.02	1.73E-01	1.2E-03	1.68
202	phosphatidylcholine	PC(16:0_20:3) (a)	0.42	0.13	1.39	1.74E-01	5.8E-01	0.94
203	phosphatidylinositol	PI(16:0_20:3) (a)	0.52	0.21	1.33	1.75E-01	2.6E-01	0.85
204	phosphatidylethanolamine	PE(16:0_20:3)	0.62	0.31	1.24	1.77E-01	2.5E-01	0.83
205	phosphatidylethanolamine	PE(36:0)	1.17	0.93	1.46	1.80E-01	1.2E-02	4.18
206	phosphatidylcholine	PC(18:1_22:6) (a)	1.65	0.80	3.41	1.82E-01	2.2E-02	1.40
207	diacylglycerol	DG(18:1_22:5)	0.68	0.39	1.20	1.84E-01	2.2E-01	0.83
208	triacylglycerol	TG(52:1) [SIM]	0.76	0.51	1.14	1.84E-01	2.2E-05	0.38
209	lysophosphatidylcholine	LPC(22:6) [+OH]	2.02	0.72	5.60	1.84E-01	6.7E-03	1.33
210	triacylglycerol	TG(50:2) [SIM]	0.51	0.19	1.42	1.93E-01	4.1E-04	0.70
211	triacylglycerol	TG(52:1) [NL-18:0]	0.78	0.55	1.13	1.93E-01	2.5E-05	0.33
212	phosphatidylcholine	PC(39:5)(b)	2.25	0.67	7.61	1.94E-01	2.0E-01	1.14
213	triacylglycerol	TG(54:4) [NL-18:2]	1.48	0.82	2.65	1.95E-01	8.4E-02	1.40
214	diacylglycerol	DG(18:2_20:4)	0.81	0.59	1.12	1.95E-01	2.7E-02	0.57
215	phosphatidylethanolamine	PE(16:0_20:4)	0.65	0.34	1.23	1.95E-01	6.0E-01	0.93
216	ceramide	Cer(d18:2/21:0)	1.27	0.88	1.83	1.95E-01	5.1E-01	1.24
217	sphingomyelin	SM(d17:1/16:0)	2.81	0.58	13.66	1.99E-01	5.2E-04	1.30
218	diacylglycerol	DG(18:1_18:1)	0.71	0.42	1.19	1.99E-01	8.2E-02	0.76
219	triacylglycerol	TG(50:1) [NL-18:1]	0.59	0.25	1.36	2.00E-01	5.0E-05	0.60
220	diacylglycerol	DG(18:1_20:4)	0.67	0.36	1.24	2.01E-01	1.2E-02	0.76
221	lysophosphatidylcholine	LPE(P-18:0)	2.20	0.67	7.27	2.02E-01	5.5E-01	0.97
222	monoalkyldiacylglycerol	TG(O-52:1) [NL-16:0]	0.70	0.40	1.24	2.03E-01	8.3E-06	0.48
223	phosphatidylcholine	PC(16:0_20:4)	2.19	0.66	7.27	2.03E-01	3.1E-03	1.28
224	phosphatidylcholine	PC(18:0_18:1)	0.44	0.12	1.60	2.05E-01	6.1E-01	0.96
225	ceramide	Cer(d18:2/17:0)	1.35	0.83	2.20	2.08E-01	8.7E-03	1.90
226	free fatty acid	FA(18:3)	1.52	0.80	2.87	2.08E-01	5.0E-04	1.89
227	alkenylphosphatidylethanolamine	PE(P-16:0/18:1)	2.19	0.66	7.27	2.08E-01	6.0E-01	1.05
228	triacylglycerol	TG(54:7) [NL-20:5]	0.73	0.46	1.18	2.09E-01	8.9E-03	0.60
229	trihexosylceramide	Hex3Cer(d18:1/20:0)	1.75	0.73	4.17	2.09E-01	3.4E-02	1.34
230	ceramide	Cer(d20:1/26:0)	1.09	0.95	1.26	2.10E-01	1.3E-02	6.04
231	acylcarnitine	AC(14:0)	1.60	0.77	3.33	2.13E-01	9.2E-03	1.64
232	sphingomyelin	SM(44:1)	2.24	0.61	8.14	2.14E-01	3.1E-04	1.33
233	alkenylphosphatidylcholine	PC(P-18:1/18:1)	1.52	0.79	2.92	2.14E-01	6.4E-04	1.79
234	cholesterol ester	CE(16:2)	1.64	0.74	3.66	2.16E-01	2.1E-02	1.32
235	demosterol	DE(22:6)	1.46	0.80	2.67	2.16E-01	3.1E-02	1.39
236	lysophosphatidylcholine	LPC(17:1) [sn1] (b)	0.31	0.06	1.74	2.17E-01	1.6E-01	0.89
237	ceramide	Cer(d18:2/24:1)	1.85	0.69	4.93	2.18E-01	2.0E-01	1.15
238	triacylglycerol	TG(56:7) [NL-20:5]	1.56	0.77	3.15	2.19E-01	3.6E-01	1.22
239	lysophosphatidylcholine	LPC(15-MHDA) [sn2]	2.18	0.62	7.69	2.20E-01	8.0E-01	0.97
240	ceramide	Cer(d20:1/22:0)	1.66	0.72	3.83	2.22E-01	8.5E-01	0.97
241	triacylglycerol	TG(51:1) [SIM]	0.78	0.52	1.17	2.29E-01	4.8E-06	0.40

242	lysophosphatidylcholine	LPC(16:1) [sn2]	0.64	0.31	1.31	2.30E-01	1.3E-01	0.74
243	phosphatidylethanolamine	PE(18:0_20:4)	0.65	0.33	1.29	2.31E-01	3.7E-01	0.90
244	triacylglycerol	TG(50:2) [NL-14:0]	0.72	0.41	1.25	2.31E-01	1.2E-02	0.55
245	phosphatidylcholine	PC(18:0_22:5) (n6)	0.70	0.40	1.23	2.31E-01	1.5E-01	0.75
246	phosphatidylcholine	PC(18:1_18:2)	1.65	0.74	3.69	2.31E-01	1.4E-03	1.48
247	monohexosylceramide	HexCer(d16:1/20:0)	1.65	0.72	3.76	2.32E-01	5.6E-01	1.08
248	phosphatidylethanolamine	PE(16:0_20:5)	0.71	0.40	1.25	2.33E-01	3.2E-01	0.82
249	phosphatidylinositol	PI(36:2)	0.53	0.19	1.53	2.33E-01	8.8E-01	1.02
250	triacylglycerol	TG(52:5) [NL-20:5]	0.75	0.48	1.19	2.34E-01	1.5E-03	0.47
251	phosphatidylinositol	PI(34:0)	0.70	0.38	1.27	2.35E-01	9.6E-01	0.99
252	phosphatidylcholine	PC(16:0_18:2)	2.93	0.49	17.66	2.37E-01	2.1E-04	1.25
253	triacylglycerol	TG(56:6) [SIM]	1.78	0.68	4.65	2.37E-01	1.6E-03	1.39
254	cholesterol ester	CE(18:3)	1.51	0.75	3.04	2.41E-01	2.1E-02	1.36
255	phosphatidylcholine	PC(14:0_22:6)	0.65	0.32	1.31	2.41E-01	2.6E-02	0.68
256	ceramide	Cer(d18:1/17:0)	1.48	0.76	2.88	2.44E-01	1.3E-02	1.50
257	sphingomyelin	SM(34:3)	2.68	0.50	14.41	2.47E-01	6.0E-02	1.20
258	ceramide	Cer(d18:1/26:0)	1.77	0.67	4.65	2.47E-01	4.1E-02	1.28
259	monoalkyldiacylglycerol	TG(O-50:1) [NL-16:0]	0.70	0.37	1.32	2.52E-01	4.7E-04	0.56
260	cholesterol ester	CE(22:6)	1.35	0.80	2.28	2.52E-01	2.1E-03	1.74
261	phosphatidylethanolamine	PE(18:0_18:1)	0.74	0.44	1.23	2.55E-01	5.4E-02	0.66
262	sphingomyelin	SM(40:3) (a)	1.81	0.64	5.11	2.57E-01	1.2E-04	1.61
263	lysoalkenylphosphatidylcholine	LPC(P-17:0) (b)	1.81	0.65	5.04	2.58E-01	7.7E-01	0.98
264	phosphatidylcholine	PC(38:5) (a)	2.14	0.57	8.00	2.60E-01	2.2E-01	1.15
265	ceramide	Cer(d16:1/24:0)	0.70	0.38	1.30	2.61E-01	1.0E-02	0.60
266	trihexosylceramide	Hex3Cer(d18:1/16:0)	1.76	0.66	4.72	2.62E-01	1.2E-04	1.51
267	lysophosphatidylinositol	LPI(18:1) [sn1]	1.39	0.78	2.47	2.62E-01	7.3E-02	1.38
268	free fatty acid	FA(20:4)	1.50	0.74	3.03	2.63E-01	7.2E-02	1.30
269	ceramide	Cer(d16:1/22:0)	0.71	0.39	1.30	2.64E-01	1.8E-02	0.61
270	lysophosphatidylcholine	LPC(22:1) [sn2]	1.33	0.81	2.17	2.64E-01	1.4E-02	1.55
271	phosphatidylcholine	PC(16:0_18:3) (b)	0.63	0.28	1.42	2.65E-01	2.1E-02	0.71
272	triacylglycerol	TG(58:8) [SIM]	1.47	0.75	2.88	2.65E-01	5.5E-02	1.53
273	cholesterol ester	CE(20:4) [+OH]	1.56	0.71	3.46	2.66E-01	5.4E-01	1.08
274	lysophosphatidylcholine	LPC(19:0) [sn1] (a) / LPC(19:0)	2.29	0.52	10.15	2.68E-01	3.4E-01	1.08
275	phosphatidylinositol	PI(18:0_22:6)	0.57	0.21	1.57	2.71E-01	1.9E-01	1.15
276	sphingomyelin	SM(43:1)	2.24	0.52	9.74	2.73E-01	4.9E-03	1.21
277	ceramide	Cer(d17:1/24:1)	1.74	0.64	4.72	2.74E-01	4.3E-01	1.10
278	phosphatidylcholine	PC(34:5)	0.77	0.49	1.22	2.75E-01	4.4E-03	0.54
279	alkylphosphatidylcholine	PC(O-18:1/18:1)	1.49	0.73	3.04	2.76E-01	2.2E-05	1.83
280	triacylglycerol	TG(54:4) [SIM]	1.59	0.69	3.69	2.78E-01	9.9E-02	1.26
281	alkenylphosphatidylethanolamine	PE(P-18:0/22:4)	1.73	0.63	4.80	2.80E-01	5.9E-01	1.08
282	lysoalkenylphosphatidylcholine	LPC(P-18:0)	1.85	0.62	5.48	2.80E-01	9.6E-01	1.00
283	GM3 ganglioside	GM3(d18:1/24:1)	1.59	0.67	3.76	2.80E-01	2.0E-03	1.48
284	phosphatidylserine	PS(38:4)	2.01	0.57	7.08	2.81E-01	4.2E-01	1.05
285	diacylglycerol	DG(18:1_22:6)	0.74	0.43	1.29	2.81E-01	7.5E-01	0.93
286	lysoalkylphosphatidylcholine	LPC(O-24:0)	0.53	0.16	1.74	2.82E-01	9.7E-02	1.17
287	cholesterol ester	CE(20:5)	1.36	0.78	2.35	2.84E-01	8.8E-03	1.52
288	phosphatidylethanolamine	PE(38:5) (a)	0.68	0.34	1.36	2.84E-01	9.2E-01	0.98
289	triacylglycerol	TG(51:1) [NL-17:0]	0.81	0.55	1.19	2.89E-01	1.1E-05	0.39
290	free fatty acid	FA(22:6)	1.33	0.79	2.25	2.92E-01	2.0E-02	1.68
291	ceramide	Cer(d17:1/20:0)	1.45	0.71	2.97	2.94E-01	2.2E-01	1.24
292	diacylglycerol	DG(18:2_22:6)	0.82	0.56	1.19	2.94E-01	8.4E-01	0.94
293	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (a)	1.59	0.67	3.77	2.94E-01	8.7E-01	0.98
294	lysophosphatidylcholine	LPC(20:4) [sn2]	1.91	0.56	6.47	2.95E-01	5.5E-01	1.07
295	phosphatidylcholine	PC(17:0_18:2)	1.92	0.54	6.80	2.97E-01	1.7E-02	1.23
296	triacylglycerol	TG(53:2) [NL-17:1]	0.82	0.57	1.19	2.98E-01	1.9E-04	0.45
297	sulfatide	Sulfatide (d18:1/24:1(OH))	1.37	0.76	2.49	3.00E-01	2.4E-01	1.21
298	triacylglycerol	TG(51:2) [NL-17:0]	0.80	0.53	1.20	3.02E-01	3.9E-04	0.50
299	triacylglycerol	TG(51:2) [NL-17:1]	0.80	0.53	1.20	3.02E-01	3.9E-04	0.50
300	triacylglycerol	TG(54:2) [NL-20:1]	0.77	0.47	1.26	3.02E-01	3.6E-02	0.70
301	sphingomyelin	SM(d18:2/16:0)	2.54	0.43	15.08	3.03E-01	1.1E-02	1.23
302	lysophosphatidylcholine	LPC(16:1) [sn1]	0.65	0.29	1.44	3.03E-01	1.4E-01	0.78
303	alkylphosphatidylcholine	PC(O-18:1/18:2)	1.60	0.66	3.85	3.04E-01	1.7E-03	1.44
304	phosphatidylinositol	PI(38:6)	0.61	0.24	1.59	3.08E-01	8.4E-01	1.02
305	lysophosphatidylcholine	LPC(20:4) [sn1]	1.72	0.60	4.92	3.09E-01	5.9E-01	1.07
306	lysophosphatidylcholine	LPC(18:2) [sn2]	1.93	0.55	6.79	3.10E-01	4.7E-01	1.04
307	sphingomyelin	SM(d18:0/22:0)	0.68	0.32	1.43	3.10E-01	5.3E-01	0.90
308	phosphatidylethanolamine	PE(18:0_22:6)	0.74	0.40	1.34	3.12E-01	2.9E-01	0.87
309	triacylglycerol	TG(54:3) [SIM]	1.47	0.70	3.11	3.13E-01	1.3E-01	1.29
310	lysophosphatidylcholine	LPC(20:1) [sn2]	1.57	0.65	3.79	3.13E-01	2.3E-03	1.31
311	sphingomyelin	SM(d18:0/16:0)	1.61	0.64	4.10	3.14E-01	7.1E-05	1.59
312	diacylglycerol	DG(18:0_22:6)	1.37	0.74	2.54	3.15E-01	2.1E-02	1.45
313	diacylglycerol	DG(18:1_18:3)	0.74	0.41	1.35	3.21E-01	3.6E-02	0.73
314	phosphatidylinositol	PI(18:0_18:1)	0.63	0.25	1.57	3.21E-01	9.3E-01	0.99
315	monohexosylceramide	HexCer(d18:1/24:1)	1.51	0.67	3.38	3.23E-01	2.8E-04	1.61
316	monoalkyldiacylglycerol	TG(O-50:1) [NL-17:1]	0.73	0.39	1.38	3.25E-01	1.3E-03	0.60
317	cholesterol ester	CE(15:0)	1.50	0.65	3.47	3.26E-01	1.2E-03	1.47
318	alkenylphosphatidylethanolamine	PE(P-15:0/22:6) (a)	0.73	0.39	1.37	3.29E-01	1.0E-01	0.75
319	ceramide	Cer(d19:1/26:0)	1.46	0.68	3.14	3.29E-01	1.6E-01	1.30
320	alkenylphosphatidylcholine	PC(P-35:2)(b)	1.18	0.85	1.65	3.30E-01	2.7E-01	1.42
321	phosphatidylcholine	PC(39:5)(a)	1.69	0.58	4.91	3.31E-01	6.9E-01	1.05
322	monohexosylceramide	HexCer(d16:1/18:0)	1.41	0.68	2.89	3.33E-01	8.1E-01	1.04
323	phosphatidylethanolamine	PE(16:0_22:6)	0.75	0.42	1.35	3.34E-01	4.6E-01	1.10

324	free fatty acid	FA(22:4)	1.40	0.72	2.74	3.34E-01	6.4E-03	1.54
325	phosphatidylserine	PS(40:5)	2.04	0.47	8.85	3.37E-01	4.4E-01	1.07
326	lysophosphatidylcholine	LPC(18:2) [sn1]	1.94	0.51	7.31	3.37E-01	4.4E-01	1.05
327	phosphatidylcholine	PC(16:1_18:2)	0.63	0.25	1.60	3.37E-01	7.3E-01	0.95
328	triacylglycerol	TG(54:1) [NL-18:1]	0.88	0.68	1.15	3.42E-01	1.9E-04	0.24
329	free fatty acid	FA(17:0)	1.69	0.58	4.96	3.43E-01	5.8E-04	1.35
330	phosphatidylcholine	PC(18:0_22:4)	0.66	0.28	1.56	3.45E-01	3.6E-01	0.87
331	triacylglycerol	TG(52:2) [NL-16:0]	1.48	0.65	3.36	3.46E-01	2.4E-01	1.13
332	phosphatidylcholine	PC(16:0_18:0)	0.37	0.05	2.94	3.47E-01	6.8E-01	1.02
333	lysophosphatidylcholine	LPC(15-MHDA) [sn1] [104_sn1]	1.57	0.60	4.10	3.51E-01	6.5E-01	0.94
334	dihydroceramide	Cer(d18:0/24:0)	0.69	0.31	1.53	3.53E-01	8.1E-02	0.78
335	cholesterol ester	CE(22:4)	1.46	0.64	3.36	3.53E-01	1.8E-03	1.45
336	phosphatidylinositol	PI(18:0_22:5) (n3)	0.61	0.22	1.72	3.53E-01	3.0E-01	0.89
337	triacylglycerol	TG(58:10) [NL-22:6]	0.81	0.51	1.28	3.54E-01	6.5E-01	0.87
338	diacylglycerol	DG(18:0_20:4)	0.72	0.36	1.44	3.56E-01	3.9E-02	0.80
339	lysophosphatidylcholine	LPC(19:0) [sn2] (a)	1.72	0.54	5.45	3.57E-01	3.2E-01	1.08
340	phosphatidylserine	PS(38:3)	1.67	0.56	4.99	3.59E-01	6.0E-01	1.04
341	lysophosphatidylinositol	LPI(18:2) [sn1]	0.76	0.42	1.37	3.59E-01	4.2E-01	1.15
342	phosphatidylinositol	PI(16:0_20:4)	0.66	0.27	1.59	3.61E-01	5.9E-02	0.78
343	lysophosphatidylcholine	LPC(20:1) [sn1]	1.52	0.61	3.76	3.62E-01	3.0E-03	1.31
344	free fatty acid	FA(22:5)	1.35	0.72	2.53	3.62E-01	1.3E-02	1.51
345	phosphatidylcholine	PC(17:1_18:2)	1.77	0.51	6.22	3.64E-01	2.1E-01	1.12
346	alkenylphosphatidylethanolamine	PE(P-20:0/18:1)	1.46	0.64	3.32	3.66E-01	6.1E-02	1.28
347	alkylphosphatidylcholine	PC(O-16:0/22:6)	0.62	0.22	1.77	3.67E-01	9.3E-02	1.21
348	cholesterol	COH	2.40	0.36	15.93	3.68E-01	4.4E-06	1.26
349	monoalkyldiacylglycerol	TG(O-54:4) [NL-18:2]	1.39	0.68	2.86	3.74E-01	3.8E-01	1.13
350	triacylglycerol	TG(56:7) [SIM]	1.47	0.63	3.45	3.76E-01	1.1E-01	1.26
351	lysophosphatidylcholine	LPC(22:1) [sn1]	1.26	0.76	2.07	3.76E-01	1.8E-02	1.48
352	triacylglycerol	TG(54:5) [NL-18:3]	1.29	0.74	2.25	3.78E-01	4.8E-01	1.16
353	alkenylphosphatidylcholine	PC(P-18:0/18:2)	1.39	0.67	2.88	3.79E-01	1.2E-01	1.26
354	phosphatidylcholine	PC(17:0_20:4)	1.49	0.61	3.60	3.81E-01	1.1E-01	1.22
355	alkylphosphatidylcholine	PC(O-32:2)	1.37	0.68	2.76	3.81E-01	5.0E-02	1.42
356	free fatty acid	FA(20:2)	1.53	0.59	4.01	3.86E-01	3.4E-05	1.53
357	lysophosphatidylcholine	LPC(19:1) (a)	1.79	0.48	6.68	3.86E-01	5.7E-01	1.05
358	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n6)	0.69	0.30	1.60	3.90E-01	3.5E-01	0.86
359	lysophosphatidylcholine	LPC(18:2) [+OH]	1.41	0.66	3.00	3.90E-01	9.4E-01	1.01
360	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (a)	0.83	0.54	1.27	3.90E-01	2.7E-04	0.51
361	phosphatidylcholine	PC(15-MHDA_18:2)	1.44	0.62	3.38	3.94E-01	8.6E-02	1.24
362	triacylglycerol	TG(52:4) [NL-18:3]	0.65	0.24	1.76	3.99E-01	2.7E-02	0.79
363	cholesterol ester	CE(18:0)	0.60	0.18	1.98	4.00E-01	2.1E-01	0.90
364	ceramide	Cer(d16:1/23:0)	0.78	0.43	1.40	4.02E-01	3.8E-02	0.63
365	lysophosphatidylcholine	LPE(20:4) [sn1]	1.45	0.61	3.44	4.02E-01	9.1E-01	1.02
366	phosphatidylethanolamine	PE(18:1_22:6) (b)	0.80	0.47	1.37	4.03E-01	6.8E-01	1.07
367	monoalkyldiacylglycerol	TG(O-50:1) [NL-15:0]	0.73	0.33	1.57	4.04E-01	5.1E-02	0.77
368	lysoalkylphosphatidylcholine	LPC(O-18:1)	1.70	0.47	6.13	4.06E-01	3.4E-03	1.23
369	lysophosphatidylcholine	LPC(19:0) (a) [sn1] [104_sn1]	1.45	0.59	3.58	4.07E-01	5.7E-01	1.07
370	triacylglycerol	TG(54:1) [SIM]	0.89	0.66	1.18	4.07E-01	3.0E-04	0.29
371	triacylglycerol	TG(56:8) [NL-22:6]	0.80	0.47	1.36	4.08E-01	9.0E-01	0.97
372	cholesterol ester	CE(17:1)	1.38	0.63	3.00	4.08E-01	7.7E-03	1.43
373	ceramide	Cer(d20:1/24:0)	1.47	0.60	3.60	4.08E-01	7.4E-01	0.95
374	sphingosine-1-phosphate	S1P(d18:1)	1.69	0.49	5.79	4.09E-01	3.3E-02	1.18
375	monohexosylceramide	HexCer(d16:1/24:0)	0.74	0.36	1.52	4.09E-01	9.0E-01	0.98
376	triacylglycerol	TG(51:0) [SIM]	1.85	0.42	8.07	4.10E-01	4.8E-02	1.18
377	monoalkyldiacylglycerol	TG(O-52:0) [SIM]	1.85	0.42	8.07	4.10E-01	4.8E-02	1.18
378	triacylglycerol	TG(52:4) [NL-16:1]	1.40	0.63	3.10	4.12E-01	2.7E-01	1.19
379	sphingomyelin	SM(d18:1/23:0)/SM(d17:1/22:0)	1.77	0.44	7.16	4.13E-01	2.8E-03	1.25
380	phosphatidylethanolamine	PE(15-MHDA_18:1)	0.79	0.45	1.38	4.15E-01	1.3E-01	0.77
381	lysophosphatidylcholine	LPE(18:1) [sn2]	1.32	0.67	2.59	4.17E-01	6.8E-01	0.93
382	cholesterol ester	CE(22:5) (n6)	1.35	0.64	2.85	4.19E-01	6.1E-02	1.30
383	phosphatidylethanolamine	PE(18:0_20:3) (b)	0.77	0.41	1.46	4.21E-01	2.9E-01	1.18
384	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (a)	1.54	0.55	4.31	4.23E-01	6.6E-01	1.04
385	alkenylphosphatidylcholine	PC(P-16:0/18:3)	1.36	0.64	2.88	4.24E-01	4.3E-01	1.13
386	diacylglycerol	DG(18:1_18:2)	0.78	0.42	1.44	4.25E-01	4.8E-01	0.90
387	lysophosphatidylcholine	LPE(18:1) [sn1]	1.32	0.67	2.60	4.25E-01	8.5E-01	0.97
388	alkylphosphatidylethanolamine	PE(O-16:0/18:2)	1.36	0.63	2.94	4.28E-01	6.8E-01	1.07
389	ceramide	Cer(d19:1/24:0)	1.44	0.58	3.57	4.28E-01	5.5E-01	0.93
390	monoalkyldiacylglycerol	TG(O-52:2) [NL-16:0]	0.77	0.39	1.50	4.30E-01	7.5E-03	0.66
391	alkylphosphatidylcholine	PC(O-34:2)	1.35	0.65	2.81	4.31E-01	3.9E-02	1.37
392	sphingomyelin	SM(41:1) (a)	1.39	0.60	3.23	4.33E-01	2.0E-01	1.17
393	phosphatidylethanolamine	PE(16:0_16:0)	0.79	0.43	1.44	4.37E-01	3.5E-02	0.72
394	phosphatidylcholine	PC(18:0_18:2)	2.16	0.31	15.27	4.37E-01	1.1E-03	1.18
395	lysophosphatidylcholine	LPE(P-18:1)	1.41	0.60	3.33	4.39E-01	8.4E-01	1.02
396	monoalkyldiacylglycerol	TG(O-54:3) [NL-17:1]	1.38	0.62	3.05	4.42E-01	2.3E-01	0.87
397	phosphatidylcholine	PC(18:1_22:6) (b)	1.28	0.68	2.42	4.43E-01	3.5E-01	1.22
398	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (b)	0.69	0.27	1.77	4.44E-01	7.6E-01	0.96
399	phosphatidylcholine	PC(38:5) (b)	0.60	0.17	2.19	4.44E-01	7.4E-01	0.97
400	triacylglycerol	TG(51:2) [NL-15:0]	0.85	0.56	1.29	4.44E-01	3.2E-01	0.76
401	lysophosphatidylcholine	LPC(20:2) [sn1]	1.61	0.47	5.48	4.47E-01	4.9E-01	1.06
402	diacylglycerol	DG(18:1_20:5)	0.89	0.66	1.20	4.51E-01	2.3E-01	0.63
403	lysophosphatidylcholine	LPC(20:2) [sn2]	1.51	0.51	4.47	4.52E-01	8.4E-01	1.02
404	trihexosylceramide	Hex3Cer(d18:1/18:0)	0.71	0.29	1.73	4.54E-01	1.1E-02	1.31
405	alkenylphosphatidylcholine	PC(P-16:0/18:0)	1.51	0.52	4.42	4.57E-01	7.6E-03	1.35

406	triacylglycerol	TG(50:3) [NL-14:1]	0.83	0.51	1.36	4.58E-01	1.7E-02	0.60
407	lysophosphatidylcholine	LPC(19:1) (c)	1.91	0.34	10.91	4.59E-01	5.6E-01	1.04
408	alkylphosphatidylcholine	PC(O-16:0/16:0)	0.66	0.22	2.00	4.62E-01	1.9E-03	1.36
409	triacylglycerol	TG(50:2) [NL-18:2]	0.74	0.33	1.65	4.64E-01	9.5E-04	0.68
410	phosphatidylcholine	PC(17:0_22:6)	1.34	0.62	2.90	4.64E-01	1.8E-01	1.26
411	alkylphosphatidylcholine	PC(O-16:0/20:4)	0.61	0.17	2.26	4.64E-01	1.4E-01	1.20
412	triacylglycerol	TG(54:6) [NL-18:3]	1.15	0.80	1.65	4.66E-01	8.1E-01	0.93
413	alkylphosphatidylcholine	PC(O-18:0/20:4)	0.67	0.22	1.99	4.68E-01	4.3E-02	1.24
414	alkylphosphatidylcholine	PC(O-34:4)	0.76	0.34	1.68	4.69E-01	7.2E-01	1.06
415	alkenylphosphatidylcholine	PC(P-16:0/18:1)	1.49	0.51	4.38	4.70E-01	5.4E-03	1.37
416	alkenylphosphatidylethanolamine	PE(P-18:0/18:3)	1.25	0.68	2.29	4.71E-01	6.8E-01	0.93
417	triacylglycerol	TG(54:0) [NL-18:0]	0.91	0.71	1.17	4.72E-01	2.1E-04	0.22
418	lysophosphatidylcholine	LPC(24:0) [sn1]	0.70	0.26	1.90	4.72E-01	3.5E-01	1.08
419	triacylglycerol	TG(54:0) [SIM]	0.89	0.63	1.24	4.73E-01	2.9E-04	0.34
420	phosphatidylethanolamine	PE(15-MHDA_20:4)	0.79	0.42	1.49	4.75E-01	4.8E-01	0.90
421	GM3 ganglioside	GM3(d18:1/16:0)	1.47	0.51	4.22	4.76E-01	5.4E-04	1.45
422	ceramide-1-phosphate	Cer1P(d18:1/16:0)	1.23	0.69	2.19	4.76E-01	4.5E-02	1.37
423	cholesterol ester	CE(20:3)	1.40	0.54	3.64	4.83E-01	1.7E-03	1.42
424	monoalkyl diacylglycerol	TG(O-54:4) [SIM]	0.75	0.33	1.70	4.84E-01	1.0E-04	0.65
425	triacylglycerol	TG(56:7) [NL-22:6]	0.77	0.36	1.62	4.85E-01	9.9E-01	1.00
426	free fatty acid	FA(18:2)	1.18	0.74	1.88	4.85E-01	4.0E-04	2.40
427	dihexosylceramide	Hex2Cer(d18:2/16:0)	0.71	0.27	1.86	4.88E-01	6.5E-02	1.29
428	triacylglycerol	TG(54:7) [SIM]	0.86	0.56	1.33	4.88E-01	2.4E-02	0.61
429	phosphatidylcholine	PC(31:0) (b)	0.65	0.19	2.23	4.89E-01	8.3E-01	1.01
430	triacylglycerol	TG(52:5) [SIM]	0.82	0.46	1.45	4.90E-01	1.5E-02	0.65
431	phosphatidylethanolamine	PE(15-MHDA_18:2)	0.84	0.52	1.36	4.91E-01	2.1E-01	0.72
432	alkenylphosphatidylcholine	PC(P-18:0/20:4)	1.41	0.52	3.78	4.92E-01	5.6E-01	1.08
433	free fatty acid	FA(16:0)	1.36	0.57	3.23	4.93E-01	8.6E-03	1.41
434	triacylglycerol	TG(52:5) [NL-18:3]	0.85	0.54	1.35	4.93E-01	1.6E-02	0.62
435	monohexosylceramide	HexCer(d16:1/22:0)	0.74	0.31	1.78	4.95E-01	6.5E-01	0.95
436	phosphatidylinositol	PI(18:0_20:3) (b)	0.77	0.36	1.64	4.97E-01	9.1E-01	0.98
437	phosphatidylcholine	PC(18:0_20:4)	1.59	0.42	6.00	4.98E-01	1.8E-01	1.14
438	alkenylphosphatidylcholine	PC(P-38:5) (a)	1.56	0.43	5.59	4.98E-01	3.2E-02	1.24
439	demosterol	DE(18:2)	1.28	0.62	2.66	5.00E-01	1.5E-01	1.18
440	sphingosine	Sph(d18:2)	1.59	0.40	6.29	5.03E-01	2.4E-03	1.27
441	sphingosine-1-phosphate	S1P(d16:1)	0.63	0.16	2.45	5.05E-01	3.4E-01	1.07
442	free fatty acid	FA(16:1)	0.83	0.47	1.45	5.11E-01	5.5E-02	1.57
443	triacylglycerol	TG(52:2) [NL-18:2]	0.85	0.52	1.38	5.12E-01	6.8E-05	0.45
444	phosphatidylcholine	PC(15-MHDA_22:6)	1.39	0.52	3.74	5.17E-01	1.5E-01	1.18
445	lysoalkylphosphatidylcholine	LPC(O-20:1)	0.69	0.22	2.14	5.21E-01	8.3E-02	1.17
446	lysophosphatidylcholine	LPE(16:0) [sn2]	0.76	0.33	1.73	5.21E-01	6.8E-02	0.77
447	alkenylphosphatidylethanolamine	PE(P-15:0/22:6) (b)	0.78	0.36	1.68	5.25E-01	5.3E-01	0.92
448	triacylglycerol	TG(58:8) [NL-22:6]	1.16	0.74	1.80	5.26E-01	1.7E-01	1.64
449	ceramide	Cer(d18:1/23:0)	1.48	0.43	5.07	5.29E-01	6.5E-01	0.95
450	monohexosylceramide	HexCer(d18:2/20:0)	1.29	0.58	2.88	5.29E-01	5.9E-02	1.27
451	ceramide	Cer(d16:1/18:0)	1.19	0.69	2.04	5.29E-01	9.9E-01	1.00
452	sphingosine-1-phosphate	S1P(d18:2)	1.65	0.35	7.89	5.31E-01	5.4E-02	1.18
453	alkenylphosphatidylcholine	PC(P-17:0/20:4) (b)	1.21	0.67	2.19	5.31E-01	4.2E-01	1.17
454	cholesterol ester	CE(22:6) [+OH]	0.72	0.25	2.03	5.31E-01	8.8E-01	1.02
455	trihexosylceramide	Hex3Cer(d18:1/24:1)	1.26	0.60	2.66	5.35E-01	2.3E-04	1.62
456	alkenylphosphatidylethanolamine	PE(P-18:0/20:3) (a)	0.76	0.32	1.81	5.36E-01	1.6E-01	0.83
457	triacylglycerol	TG(56:9) [SIM]	0.85	0.51	1.42	5.36E-01	1.5E-01	0.74
458	alkylphosphatidylethanolamine	PE(O-18:1/18:2)	1.24	0.63	2.46	5.37E-01	5.6E-01	1.11
459	demosterol	DE(20:5)	1.17	0.71	1.95	5.38E-01	1.1E-01	1.35
460	demosterol	DE(18:1)	1.40	0.47	4.16	5.38E-01	1.5E-02	1.23
461	alkenylphosphatidylethanolamine	PE(P-18:1/20:4) (a)	1.21	0.66	2.23	5.39E-01	1.8E-01	0.83
462	lysophosphatidylcholine	LPC(19:0) [sn1] (b)	1.39	0.48	4.00	5.41E-01	6.4E-01	1.05
463	triacylglycerol	TG(58:10) [SIM]	0.86	0.52	1.41	5.42E-01	4.4E-01	0.83
464	phosphatidylethanolamine	PE(17:0_18:2)	0.83	0.46	1.51	5.42E-01	3.0E-01	0.81
465	alkylphosphatidylethanolamine	PE(O-38:5) (b)	0.77	0.32	1.82	5.43E-01	5.9E-01	0.94
466	triacylglycerol	TG(54:6) [NL-20:4]	0.81	0.42	1.57	5.44E-01	4.0E-02	0.75
467	alkenylphosphatidylcholine	PC(P-16:0/16:1)	0.75	0.29	1.94	5.46E-01	1.0E-01	1.29
468	phosphatidylcholine	PC(44:12)	1.15	0.73	1.81	5.48E-01	2.6E-01	1.39
469	triacylglycerol	TG(52:4) [NL-18:2]	1.26	0.59	2.72	5.50E-01	1.6E-01	1.21
470	phosphatidylcholine	PC(36:4) [+OH]	1.23	0.63	2.40	5.52E-01	7.6E-03	1.54
471	lysophosphatidylcholine	LPC(26:0) [sn1]	0.76	0.31	1.89	5.55E-01	4.6E-01	1.11
472	phosphatidylcholine	PC(16:0_20:5)	0.81	0.40	1.63	5.55E-01	7.6E-01	0.95
473	phosphatidylcholine	PC(35:5)	0.83	0.44	1.55	5.55E-01	3.9E-01	0.85
474	phosphatidylcholine	PC(18:1_20:3)	0.81	0.41	1.61	5.59E-01	9.9E-01	1.00
475	ceramide	Cer(d17:1/16:0)	1.31	0.53	3.24	5.59E-01	4.0E-02	1.24
476	alkenylphosphatidylethanolamine	PE(P-16:0/20:3) (a)	0.77	0.33	1.83	5.60E-01	8.1E-02	0.80
477	sphingomyelin	SM(d18:2/22:0)	1.39	0.46	4.18	5.60E-01	4.0E-03	1.32
478	alkenylphosphatidylethanolamine	PE(P-18:1/20:4) (b)	1.24	0.61	2.53	5.61E-01	7.5E-02	0.78
479	lysophosphatidylcholine	LPE(20:4) [sn2]	1.34	0.50	3.56	5.61E-01	8.0E-01	0.97
480	phosphatidylcholine	PC(16:1_20:4)	0.87	0.53	1.41	5.63E-01	1.9E-01	0.70
481	lysophosphatidylcholine	LPC(22:6) [sn2]	1.30	0.54	3.13	5.64E-01	3.0E-01	1.14
482	free fatty acid	FA(17:1)	1.36	0.48	3.85	5.66E-01	1.4E-04	1.41
483	alkylphosphatidylcholine	PC(O-38:5)	1.40	0.44	4.48	5.69E-01	9.1E-04	1.44
484	sphingomyelin	SM(d17:1/14:0)	0.75	0.27	2.05	5.74E-01	5.6E-01	1.09
485	phosphatidylcholine	PC(15-MHDA_20:4)	1.27	0.56	2.88	5.74E-01	2.1E-01	1.16
486	dihexosylceramide	Hex2Cer(d18:1/24:0)	0.76	0.28	2.02	5.75E-01	7.8E-02	1.21
487	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (a)	1.17	0.67	2.05	5.78E-01	6.5E-01	1.11

488	cholesterol ester	CE(18:1)	1.62	0.30	8.74	5.78E-01	5.5E-04	1.20
489	lysophosphatidylcholine	LPC(24:0) [sn2]	0.76	0.28	2.05	5.80E-01	5.0E-01	1.06
490	alkenylphosphatidylethanolamine	PE(P-16:0/22:6)	0.71	0.22	2.36	5.81E-01	9.5E-01	0.99
491	alkylphosphatidylcholine	PC(O-40:7) (b)	1.23	0.59	2.58	5.81E-01	6.8E-02	1.35
492	alkenylphosphatidylethanolamine	PE(P-18:1/18:3)	1.19	0.64	2.23	5.83E-01	8.5E-01	1.03
493	alkenylphosphatidylethanolamine	PE(P-18:1/22:4)	1.36	0.45	4.16	5.83E-01	1.1E-01	1.24
494	alkenylphosphatidylethanolamine	PE(P-20:1/20:4)	1.15	0.69	1.93	5.87E-01	1.8E-01	1.41
495	ceramide	Cer(d16:1/24:1)	0.80	0.36	1.79	5.87E-01	1.3E-01	0.81
496	triacylglycerol	TG(58:9) [SIM]	1.19	0.63	2.25	5.87E-01	4.8E-01	1.17
497	phosphatidylcholine	PC(33:0) (a)	0.64	0.13	3.20	5.88E-01	4.6E-01	0.95
498	cholesterol ester	CE(20:1)	1.29	0.51	3.28	5.90E-01	6.7E-03	1.34
499	phosphatidylcholine	PC(40:7) (a)	0.80	0.36	1.79	5.90E-01	2.9E-01	0.85
500	lysophosphatidylcholine	LPE(18:2) [sn2]	1.18	0.64	2.15	5.96E-01	2.5E-01	0.86
501	lysophosphatidylcholine	LPC(20:3) [sn1]	0.79	0.34	1.86	6.00E-01	4.2E-01	0.87
502	lysophosphatidylcholine	LPE(P-16:0)	1.38	0.42	4.53	6.01E-01	1.4E-01	0.89
503	phosphatidylinositol	PI(20:0_20:4)	0.82	0.38	1.75	6.03E-01	2.3E-01	0.86
504	triacylglycerol	TG(58:9) [NL-22:6]	1.14	0.70	1.86	6.04E-01	4.6E-01	1.24
505	phosphatidylethanolamine	PE(17:0_18:1)	0.88	0.54	1.43	6.04E-01	1.5E-01	0.75
506	demosterol	DE(16:0)	1.18	0.62	2.22	6.07E-01	5.3E-02	1.34
507	phosphatidic acid	PA(36:2)	0.80	0.35	1.86	6.07E-01	8.8E-01	1.03
508	triacylglycerol	TG(53:2) [NL-18:1]	0.90	0.61	1.34	6.11E-01	1.0E-01	0.72
509	phosphatidylcholine	PC(36:6) (a)	0.88	0.53	1.46	6.20E-01	2.3E-01	0.77
510	triacylglycerol	TG(52:3) [SIM]	1.29	0.47	3.59	6.23E-01	1.8E-01	1.15
511	lysophosphatidylcholine	LPC(22:6) [sn1]	1.24	0.52	2.99	6.25E-01	4.4E-01	1.11
512	monohexosylceramide	HexCer(d18:1/22:0)	1.26	0.50	3.19	6.25E-01	1.0E-01	1.22
513	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (b)	0.90	0.59	1.38	6.29E-01	2.2E-01	0.74
514	ceramide	Cer(d18:2/14:0)	0.90	0.59	1.37	6.29E-01	2.9E-01	0.71
515	lysophosphatidylinositol	LPI(18:2) [sn2]	0.83	0.39	1.76	6.30E-01	6.2E-01	1.10
516	alkylphosphatidylcholine	PC(O-16:0/20:3)	0.75	0.24	2.40	6.34E-01	8.0E-02	1.23
517	lysoalkylphosphatidylcholine	LPC(O-22:0)	0.73	0.20	2.71	6.35E-01	2.2E-01	1.09
518	alkylphosphatidylcholine	PC(O-18:0/22:6)	0.78	0.28	2.19	6.35E-01	1.8E-02	1.30
519	monoalkyl diacylglycerol	TG(O-50:1) [SIM]	0.83	0.37	1.85	6.36E-01	2.0E-02	0.76
520	phosphatidylcholine	PC(33:2)	0.78	0.29	2.13	6.37E-01	6.4E-01	1.06
521	triacylglycerol	TG(56:8) [SIM]	0.87	0.48	1.58	6.42E-01	6.8E-01	0.92
522	phosphatidylcholine	PC(16:0_18:1)	0.67	0.12	3.69	6.43E-01	1.1E-01	1.09
523	phosphatidylcholine	PC(15-MHDA_18:1)	1.27	0.45	3.57	6.44E-01	4.7E-02	1.19
524	lysoalkenylphosphatidylcholine	LPC(P-17:0) (a)	1.35	0.38	4.84	6.46E-01	5.4E-01	0.96
525	phosphatidylcholine	PC(38:4) (b)	0.82	0.35	1.91	6.46E-01	3.0E-01	0.85
526	GM3 ganglioside	GM3(d18:1/22:0)	1.33	0.39	4.51	6.47E-01	8.4E-01	1.02
527	lysophosphatidylcholine	LPE(18:2) [sn1]	1.16	0.62	2.17	6.49E-01	1.5E-01	0.84
528	phosphatidylinositol	PI(18:0_20:2)	1.20	0.54	2.66	6.51E-01	6.6E-01	1.06
529	free fatty acid	FA(18:1)	1.12	0.69	1.81	6.53E-01	2.0E-04	2.25
530	lysophosphatidylcholine	LPC(18:1) [sn2]	1.31	0.40	4.30	6.55E-01	6.5E-01	1.04
531	lysoalkylphosphatidylcholine	LPC(O-24:1)	0.80	0.31	2.11	6.56E-01	7.1E-03	1.34
532	sphingomyelin	SM(d18:2/14:0)	0.72	0.18	2.98	6.58E-01	7.9E-01	1.03
533	monoalkyl diacylglycerol	TG(O-54:3) [NL-18:1]	0.85	0.40	1.81	6.63E-01	1.3E-01	0.82
534	triacylglycerol	TG(54:2) [SIM]	0.91	0.58	1.41	6.63E-01	8.1E-02	0.71
535	monoalkyl diacylglycerol	TG(O-52:2) [NL-17:1]	0.87	0.45	1.67	6.63E-01	8.6E-03	0.65
536	phosphatidylcholine	PC(38:6) (a)	0.74	0.19	2.92	6.64E-01	7.2E-01	0.97
537	phosphatidylcholine	PC(18:1_18:1)	1.36	0.34	5.33	6.65E-01	1.6E-02	1.21
538	alkenylphosphatidylcholine	PC(P-16:0/18:2)	0.76	0.21	2.74	6.66E-01	3.1E-01	1.09
539	lysophosphatidylcholine	LPC(20:3) [sn2]	0.83	0.37	1.89	6.68E-01	3.9E-01	0.86
540	triacylglycerol	TG(54:2) [NL-18:0]	0.91	0.60	1.38	6.71E-01	4.1E-02	0.62
541	cholesterol ester	CE(14:0)	0.85	0.41	1.79	6.73E-01	9.2E-01	1.02
542	ceramide	Cer(d18:1/22:0)	1.29	0.39	4.27	6.75E-01	4.5E-01	0.92
543	lysophosphatidylinositol	LPI(18:1) [sn2]	0.89	0.52	1.54	6.75E-01	2.7E-02	1.60
544	phosphatidylcholine	PC(18:0_22:6)	0.81	0.29	2.25	6.80E-01	8.2E-01	1.03
545	monohexosylceramide	HexCer(d18:2/22:0)	1.23	0.47	3.21	6.81E-01	6.7E-02	1.25
546	cholesterol ester	CE(24:4)	0.89	0.51	1.55	6.81E-01	2.2E-01	1.24
547	triacylglycerol	TG(52:2) [SIM]	1.24	0.45	3.41	6.81E-01	3.2E-01	1.09
548	monoalkyl diacylglycerol	TG(O-50:2) [NL-18:1]	0.86	0.41	1.79	6.82E-01	4.0E-01	0.87
549	lysophosphatidylcholine	LPC(18:3) [sn2] (a)	0.89	0.52	1.53	6.82E-01	4.7E-01	0.89
550	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (b)	1.16	0.57	2.35	6.82E-01	5.8E-01	1.09
551	lysophosphatidylinositol	LPI(20:4) [sn2]	0.82	0.33	2.08	6.82E-01	3.6E-01	1.13
552	ceramide	Cer(d18:1/24:0)	0.82	0.31	2.17	6.83E-01	3.0E-01	0.89
553	phosphatidylcholine	PC(40:8)	1.26	0.42	3.79	6.87E-01	9.5E-01	1.01
554	sphingomyelin	SM(41:0)	0.71	0.14	3.69	6.87E-01	4.3E-01	1.07
555	alkenylphosphatidylethanolamine	PE(P-16:0/22:4)	1.25	0.42	3.68	6.88E-01	3.8E-01	1.13
556	alkylphosphatidylcholine	PC(O-40:5)	0.78	0.23	2.64	6.89E-01	6.7E-04	1.33
557	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (b)	1.17	0.54	2.56	6.89E-01	2.9E-01	0.85
558	triacylglycerol	TG(53:2) [SIM]	0.91	0.59	1.41	6.90E-01	1.2E-01	0.74
559	ceramide	Cer(d17:1/24:0)	0.86	0.42	1.77	6.90E-01	1.5E-01	0.77
560	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (a)	0.91	0.57	1.45	6.91E-01	6.0E-01	0.89
561	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n6)	0.86	0.41	1.80	6.91E-01	2.8E-01	0.81
562	phosphatidylinositol	PI(38:5) (a)	0.78	0.23	2.66	6.93E-01	7.5E-01	0.97
563	triacylglycerol	TG(52:3) [NL-18:2]	1.21	0.48	3.03	6.93E-01	2.2E-01	1.14
564	sulfatide	Sulfatide (d18:1/24:0(OH))	0.87	0.43	1.75	6.94E-01	2.5E-01	0.85
565	phosphatidylinositol	PI(18:0_22:4)	0.86	0.41	1.81	6.96E-01	2.8E-01	0.83
566	alkylphosphatidylethanolamine	PE(O-16:0/22:6)	0.82	0.31	2.19	6.97E-01	8.4E-01	1.02
567	alkenylphosphatidylcholine	PC(P-16:0/16:0)	1.27	0.39	4.09	6.97E-01	1.7E-02	1.33
568	monoalkyl diacylglycerol	TG(O-50:3) [SIM]	1.26	0.39	4.00	6.98E-01	8.1E-01	1.02
569	alkenylphosphatidylcholine	PC(P-15:0/20:4) (b)	1.12	0.62	2.02	7.01E-01	7.3E-01	0.93

570	monohexosylceramide	HexCer(d18:2/24:0)	1.18	0.51	2.73	7.02E-01	7.0E-02	1.26
571	dihexosylceramide	Hex2Cer(d18:1/22:0)	1.20	0.48	3.01	7.03E-01	6.1E-02	1.24
572	alkenylphosphatidylcholine	PC(P-20:0/20:4)	1.21	0.45	3.22	7.04E-01	2.8E-02	1.32
573	triacylglycerol	TG(52:4) [SIM]	1.20	0.46	3.14	7.05E-01	4.2E-01	1.09
574	dihexosylceramide	Hex2Cer(d18:2/24:1)	1.15	0.57	2.33	7.05E-01	1.4E-04	1.78
575	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (b)	1.14	0.58	2.25	7.05E-01	3.7E-01	0.85
576	monoalkyl diacylglycerol	TG(O-52:1) [SIM]	0.88	0.44	1.75	7.05E-01	1.0E-03	0.67
577	dihydroceramide	Cer(d18:0/20:0)	1.19	0.49	2.88	7.06E-01	1.2E-01	1.22
578	monoalkyl diacylglycerol	TG(O-52:1) [NL-18:1]	0.91	0.55	1.50	7.08E-01	4.0E-04	0.54
579	ceramide	Cer(d18:2/26:0)	1.15	0.56	2.36	7.08E-01	3.8E-01	1.17
580	lysophosphatidylcholine	LPC(22:4) [sn2]	0.87	0.41	1.84	7.08E-01	5.6E-01	0.90
581	GM3 ganglioside	GM3(d18:1/24:0)	1.17	0.51	2.71	7.09E-01	5.7E-02	1.22
582	GM3 ganglioside	GM3(d18:1/18:0)	1.26	0.37	4.28	7.11E-01	2.0E-01	1.12
583	phosphatidylethanolamine	PE(17:0_22:6)	0.90	0.52	1.57	7.11E-01	7.5E-01	1.05
584	monoalkyl diacylglycerol	TG(O-50:2) [NL-16:1]	0.85	0.35	2.06	7.13E-01	5.4E-01	1.09
585	lysophosphatidylcholine	LPC(18:1) [sn1]	1.29	0.33	5.12	7.13E-01	5.8E-01	1.05
586	alkylphosphatidylethanolamine	PE(O-18:0/22:6)	0.81	0.26	2.53	7.13E-01	8.6E-01	0.98
587	alkylphosphatidylethanolamine	PE(O-34:1)	1.20	0.45	3.25	7.14E-01	8.5E-01	1.03
588	sulfatide	Sulfatide (d18:1/16:0)	1.17	0.51	2.66	7.16E-01	4.5E-01	1.10
589	phosphatidylcholine	PC(15:0_22:6)	0.86	0.37	1.99	7.18E-01	8.0E-01	1.04
590	ceramide	Cer(d18:2/23:0)	1.16	0.52	2.55	7.20E-01	2.9E-01	0.85
591	sphingomyelin	SM(d18:2/24:0)	1.25	0.37	4.20	7.21E-01	7.5E-03	1.27
592	alkenylphosphatidylethanolamine	PE(P-18:0/20:5)	0.91	0.55	1.53	7.24E-01	6.5E-01	0.91
593	phosphatidylinositol	PI(18:1_18:2)	1.13	0.57	2.24	7.25E-01	5.2E-02	1.31
594	alkylphosphatidylethanolamine	PE(O-16:0/22:4)	0.86	0.38	1.96	7.25E-01	8.9E-01	0.97
595	monoalkyl diacylglycerol	TG(O-50:2) [NL-18:2]	0.89	0.47	1.69	7.28E-01	2.0E-01	0.82
596	lysoalkylphosphatidylcholine	LPC(O-24:2)	0.88	0.44	1.79	7.30E-01	6.9E-02	1.27
597	sphingomyelin	SM(d18:1/24:0)	0.80	0.23	2.84	7.30E-01	4.2E-02	1.21
598	alkenylphosphatidylcholine	PC(P-16:0/22:6)	0.83	0.29	2.37	7.32E-01	3.9E-01	1.10
599	diacylglycerol	DG(18:2_18:2)	0.93	0.61	1.41	7.32E-01	7.6E-01	0.93
600	monoalkyl diacylglycerol	TG(O-54:2) [NL-18:1]	0.90	0.48	1.67	7.34E-01	3.0E-03	0.68
601	alkenylphosphatidylethanolamine	PE(P-18:0/18:2)	1.17	0.47	2.89	7.35E-01	2.9E-01	0.88
602	trihexosylceramide	Hex3Cer(d18:1/24:0)	0.87	0.40	1.92	7.35E-01	5.3E-04	1.41
603	alkenylphosphatidylcholine	PC(P-18:0/22:5)	1.17	0.46	3.02	7.40E-01	2.5E-02	1.36
604	GM1 ganglioside	GM1(d18:1/16:0)	1.14	0.52	2.47	7.43E-01	2.3E-05	1.57
605	sphingomyelin	SM(d18:1/22:0)/SM(d16:1/2	1.37	0.20	9.27	7.44E-01	4.4E-02	1.14
606	lysophosphatidylcholine	LPC(18:3) [sn1] (a)/LPC(18:3)	0.92	0.54	1.55	7.46E-01	1.0E-01	0.71
607	alkylphosphatidylethanolamine	PE(O-16:0/20:4)	1.12	0.57	2.21	7.47E-01	8.1E-01	1.04
608	lysophosphatidylcholine	LPE(18:0) [sn2]	0.84	0.29	2.44	7.49E-01	3.7E-02	0.82
609	lysophosphatidylcholine	LPC(22:4) [sn1]	0.89	0.42	1.87	7.49E-01	5.3E-01	0.88
610	phosphatidylinositol	PI(39:6)	0.90	0.46	1.74	7.49E-01	8.4E-01	1.04
611	cholesterol ester	CE(18:2) [+OH]	1.10	0.61	2.00	7.49E-01	8.2E-01	0.97
612	lysophosphatidylcholine	LPC(15:0) [sn1]	0.84	0.28	2.50	7.50E-01	2.1E-01	0.84
613	monoalkyl diacylglycerol	TG(O-52:2) [NL-18:1]	0.90	0.47	1.73	7.52E-01	2.8E-02	0.72
614	phosphatidic acid	PA(40:6)	0.89	0.44	1.80	7.54E-01	1.2E-01	1.29
615	alkylphosphatidylcholine	PC(O-18:0/18:2)	1.15	0.47	2.85	7.55E-01	6.0E-02	1.27
616	phosphatidylethanolamine	PE(17:0_20:4)	0.91	0.49	1.69	7.57E-01	8.8E-01	1.02
617	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (a)	1.12	0.55	2.27	7.59E-01	4.1E-01	1.13
618	monoalkyl diacylglycerol	TG(O-50:2) [SIM]	0.85	0.30	2.43	7.59E-01	7.8E-01	0.97
619	free fatty acid	FA(14:0)	0.86	0.33	2.23	7.60E-01	9.2E-03	1.32
620	lysophosphatidylcholine	LPC(22:5) [sn1] (n6)	0.91	0.49	1.68	7.62E-01	3.3E-01	0.81
621	lysophosphatidylcholine	LPC(18:3) (a) [sn1] [104_sn1]	0.91	0.50	1.66	7.63E-01	4.8E-01	0.91
622	alkenylphosphatidylethanolamine	PE(P-16:0/20:5)	0.93	0.58	1.49	7.65E-01	5.3E-01	0.86
623	phosphatidylcholine	PC(20:0_20:4)	0.85	0.29	2.50	7.65E-01	2.1E-02	1.25
624	alkenylphosphatidylcholine	PC(P-15:0/20:4) (a)	0.94	0.60	1.45	7.66E-01	1.2E-01	0.68
625	alkylphosphatidylethanolamine	PE(O-18:1/22:6)	1.13	0.50	2.54	7.66E-01	1.9E-01	1.19
626	phosphatidylcholine	PC(18:2_20:5)	0.92	0.52	1.62	7.69E-01	3.7E-01	0.86
627	alkenylphosphatidylethanolamine	PE(P-16:0/18:2)	1.15	0.45	2.94	7.72E-01	1.4E-01	0.87
628	triacylglycerol	TG(52:3) [NL-16:1]	1.10	0.58	2.08	7.77E-01	5.3E-01	1.11
629	dihydroceramide	Cer(d18:0/16:0)	1.15	0.43	3.09	7.78E-01	4.2E-01	1.09
630	phosphatidylcholine	PC(38:2)	0.78	0.14	4.30	7.78E-01	1.4E-01	1.08
631	sulfatide	Sulfatide (d18:1/24:1)	1.09	0.61	1.95	7.78E-01	9.5E-02	1.30
632	phosphatidic acid	PA(36:4)	0.91	0.46	1.80	7.79E-01	8.1E-01	1.04
633	alkenylphosphatidylcholine	PC(P-17:0/20:4) (a)	1.12	0.51	2.46	7.79E-01	3.4E-01	1.15
634	triacylglycerol	TG(54:6) [SIM]	1.09	0.61	1.95	7.81E-01	4.6E-01	0.88
635	phosphatidylinositol	PI(37:6)	1.10	0.57	2.09	7.82E-01	7.4E-01	1.04
636	lysophosphatidylcholine	LPE(P-20:0)	1.13	0.48	2.64	7.85E-01	1.0E-01	1.16
637	triacylglycerol	TG(54:5) [NL-20:4]	0.91	0.46	1.80	7.89E-01	3.6E-01	0.90
638	alkylphosphatidylethanolamine	PE(O-38:5) (a)	1.14	0.43	3.07	7.92E-01	7.8E-01	0.96
639	lysophosphatidylcholine	LPE(16:0) [sn1]	0.89	0.39	2.07	7.94E-01	1.3E-01	0.82
640	alkenylphosphatidylcholine	PC(P-38:5) (b)	1.12	0.49	2.54	7.94E-01	6.5E-01	1.07
641	dihydroceramide	Cer(d18:0/24:1)	1.11	0.50	2.48	7.95E-01	1.6E-01	1.22
642	phosphatidylethanolamine	PE(18:1_18:2)	0.93	0.53	1.63	7.96E-01	8.3E-01	0.95
643	phosphatidylethanolamine	PE(18:1_18:1)	0.95	0.62	1.44	7.98E-01	8.1E-01	0.93
644	lysophosphatidylcholine	LPE(22:6) [sn2]	1.10	0.53	2.26	7.98E-01	5.3E-01	1.10
645	lysophosphatidylcholine	LPC(17:1) (a) [sn1] [104_sn1]	0.89	0.35	2.25	8.03E-01	2.6E-01	0.83
646	lysophosphatidylinositol	LPI(20:4) [sn1]	1.10	0.53	2.28	8.03E-01	5.2E-02	1.33
647	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n3)	0.86	0.25	2.94	8.07E-01	3.4E-01	0.91
648	monoalkyl diacylglycerol	TG(O-54:4) [NL-17:1]	1.10	0.49	2.46	8.11E-01	7.2E-01	0.95
649	phosphatidylserine	PS(40:6)	1.14	0.38	3.43	8.11E-01	2.8E-01	1.10
650	lysophosphatidylcholine	LPE(22:6) [sn1]	1.09	0.55	2.15	8.12E-01	8.7E-01	1.03
651	triacylglycerol	TG(52:1) [NL-18:1]	1.11	0.47	2.63	8.15E-01	4.7E-01	1.07

652	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (b)	0.92	0.46	1.83	8.15E-01	5.6E-01	0.89
653	alkylphosphatidylcholine	PC(O-35:4)	0.93	0.52	1.67	8.16E-01	3.1E-01	1.22
654	free fatty acid	FA(15:0)	0.89	0.33	2.42	8.16E-01	3.1E-04	1.40
655	dihydroceramide	Cer(d18:0/22:0)	0.91	0.39	2.09	8.17E-01	4.1E-01	0.90
656	phosphatidylcholine	PC(15:0_20:3)	0.89	0.35	2.31	8.18E-01	6.6E-01	0.95
657	cholesterol ester	CE(24:5)	0.95	0.58	1.53	8.20E-01	1.4E-01	1.33
658	alkenylphosphatidylcholine	PC(P-16:0/20:5)	0.93	0.51	1.69	8.21E-01	9.8E-01	1.00
659	monoalkyl diacylglycerol	TG(O-50:1) [NL-18:1]	0.94	0.55	1.60	8.21E-01	4.0E-02	0.67
660	phosphatidylethanolamine	PE(18:1_22:6) (a)	0.95	0.58	1.55	8.23E-01	4.2E-01	1.17
661	alkylphosphatidylcholine	PC(O-40:7) (a)	0.91	0.40	2.06	8.23E-01	3.8E-03	1.44
662	phosphatidylcholine	PC(18:0_22:5) (n3)	0.88	0.27	2.81	8.24E-01	5.6E-01	0.93
663	triacylglycerol	TG(54:6) [NL-20:5]	0.92	0.45	1.89	8.24E-01	4.4E-01	0.87
664	lysophosphatidylcholine	LPC(22:0) [sn1]	0.91	0.39	2.11	8.24E-01	9.6E-01	1.00
665	cholesterol ester	CE(16:1)	0.92	0.45	1.90	8.25E-01	7.0E-01	1.07
666	lysoalkylphosphatidylcholine	LPC(O-16:0)	1.18	0.27	5.08	8.26E-01	5.4E-01	1.04
667	phosphatidylglycerol	PG(36:2)	0.94	0.54	1.64	8.26E-01	2.8E-01	0.80
668	alkenylphosphatidylethanolamine	PE(P-16:0/18:3)	1.06	0.64	1.76	8.28E-01	3.5E-01	0.86
669	alkenylphosphatidylcholine	PC(P-35:2)(a)	1.10	0.47	2.54	8.29E-01	5.5E-01	1.09
670	alkenylphosphatidylethanolamine	PE(P-18:0/20:4)	1.10	0.45	2.70	8.29E-01	1.9E-01	0.85
671	lysophosphatidylcholine	LPC(22:5) [sn1] (n3)/LPC(22:5)	1.10	0.48	2.52	8.30E-01	7.5E-01	0.95
672	alkenylphosphatidylethanolamine	PE(P-18:1/20:3) (a)	1.10	0.46	2.61	8.31E-01	7.9E-01	0.97
673	alkenylphosphatidylethanolamine	PE(P-16:0/20:4)	1.10	0.47	2.57	8.33E-01	8.8E-02	0.82
674	lysophosphatidylcholine	LPC(20:0) [sn1]	1.11	0.41	3.04	8.37E-01	1.4E-01	1.11
675	phosphatidylinositol	PI(18:0_22:5) (n6)	1.07	0.54	2.12	8.40E-01	9.5E-01	1.01
676	alkylphosphatidylcholine	PC(O-34:1)	1.11	0.41	3.02	8.42E-01	6.3E-05	1.50
677	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n3)	1.11	0.41	3.00	8.43E-01	2.7E-01	0.86
678	alkenylphosphatidylethanolamine	PE(P-18:0/20:3) (b)	0.92	0.41	2.07	8.43E-01	2.3E-01	0.83
679	trihexosylceramide	Hex3Cer(d18:1/22:0)	1.08	0.50	2.32	8.46E-01	8.2E-04	1.39
680	alkylphosphatidylethanolamine	PE(O-18:0/22:5)	0.91	0.37	2.27	8.48E-01	3.3E-01	0.86
681	alkylphosphatidylethanolamine	PE(O-16:0/20:3)	0.91	0.34	2.43	8.51E-01	5.3E-01	0.93
682	phosphatidylethanolamine	PE(15-MHDA_22:6)	0.95	0.54	1.67	8.51E-01	8.7E-01	0.98
683	alkenylphosphatidylethanolamine	PE(P-20:0/20:4)	0.92	0.39	2.18	8.54E-01	3.9E-01	1.16
684	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (b)	1.09	0.45	2.64	8.56E-01	6.3E-01	1.06
685	phosphatidylinositol	PI(18:0_20:4)	0.91	0.31	2.66	8.61E-01	6.1E-01	0.95
686	dihexosylceramide	Hex2Cer(d16:1/24:1)	0.93	0.39	2.18	8.62E-01	2.4E-02	1.40
687	free fatty acid	FA(20:3)	1.09	0.43	2.75	8.64E-01	8.4E-03	1.39
688	sulfatide	Sulfatide (d18:1;/16:0(OH))	1.06	0.53	2.11	8.70E-01	2.6E-01	1.18
689	lysophosphatidylcholine	LPE(18:0) [sn1]	0.91	0.29	2.85	8.71E-01	1.1E-01	0.86
690	monoalkyl diacylglycerol	TG(O-50:3) [NL-18:2]	1.08	0.42	2.76	8.72E-01	3.7E-01	1.12
691	cholesterol ester	CE(22:1)	1.06	0.55	2.02	8.72E-01	1.5E-01	1.27
692	lysophosphatidylcholine	LPC(16:0) [sn1]	0.88	0.19	4.07	8.74E-01	1.3E-01	0.88
693	alkylphosphatidylethanolamine	PE(O-18:0/20:4)	0.95	0.49	1.82	8.75E-01	6.7E-01	0.92
694	ceramide	Cer(d18:2/22:0)	0.94	0.43	2.07	8.77E-01	1.2E-01	0.78
695	cholesterol ester	CE(24:1)	0.94	0.42	2.12	8.78E-01	4.1E-03	1.38
696	phosphatidylcholine	PC(18:2_18:2)	0.95	0.50	1.82	8.78E-01	9.6E-01	0.99
697	phosphatidylinositol	PI(17:0_18:1)	1.05	0.56	1.98	8.79E-01	8.9E-01	1.02
698	monohexosylceramide	HexCer(d18:1/24:0)	0.93	0.37	2.37	8.82E-01	2.1E-01	1.15
699	phosphatidylcholine	PC(16:0_22:6)	0.92	0.31	2.73	8.84E-01	2.8E-01	1.12
700	lysophosphatidylcholine	LPC(26:0) [sn2]	1.06	0.47	2.39	8.84E-01	8.1E-02	1.32
701	lysophosphatidylcholine	LPC(18:3) [sn1] (b)	0.96	0.51	1.79	8.86E-01	7.1E-02	0.70
702	lysophosphatidylcholine	LPC(20:0) [sn2]	0.93	0.36	2.42	8.87E-01	2.9E-01	1.10
703	lysophosphatidylcholine	LPC(16:0) [sn2]	1.11	0.25	5.06	8.88E-01	1.8E-01	0.90
704	alkylphosphatidylcholine	PC(O-18:0/18:1)	1.10	0.30	3.98	8.88E-01	2.6E-04	1.36
705	phosphatidylcholine	PC(17:0_18:1)	1.12	0.21	5.94	8.93E-01	1.5E-01	1.09
706	alkenylphosphatidylcholine	PC(P-16:0/20:4)	1.07	0.38	3.03	8.94E-01	4.6E-01	1.10
707	alkylphosphatidylcholine	PC(O-36:5)	0.96	0.50	1.84	8.95E-01	2.9E-01	1.20
708	phosphatidylcholine	PC(38:7)(c)	0.94	0.34	2.55	8.97E-01	8.8E-01	1.02
709	dihexosylceramide	Hex2Cer(d18:1/24:1)	1.05	0.51	2.13	8.97E-01	2.2E-04	1.68
710	cholesterol ester	CE(24:6)	1.04	0.57	1.91	8.99E-01	9.9E-01	1.00
711	sphingosine-1-phosphate	S1P(d18:0)	1.06	0.39	2.88	9.01E-01	1.8E-01	1.18
712	cholesterol ester	CE(17:0)	1.10	0.24	5.01	9.02E-01	6.1E-01	1.03
713	alkenylphosphatidylethanolamine	PE(P-18:1/20:3) (b)	0.94	0.38	2.37	9.04E-01	2.1E-01	0.87
714	alkenylphosphatidylcholine	PC(P-18:1/22:6)	1.05	0.45	2.44	9.08E-01	1.9E-02	1.29
715	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (a)	1.05	0.44	2.52	9.11E-01	8.1E-01	1.03
716	monoalkyl diacylglycerol	TG(O-54:2) [NL-17:1]	1.05	0.42	2.65	9.11E-01	2.5E-01	0.88
717	lysophosphatidylcholine	LPC(17:1) [sn2] (a)	0.94	0.28	3.12	9.13E-01	1.5E-01	0.84
718	monoalkyl diacylglycerol	TG(O-52:2) [SIM]	1.05	0.46	2.36	9.16E-01	1.1E-01	0.81
719	lysophosphatidylcholine	LPC(15:0) [sn2]	0.95	0.33	2.73	9.18E-01	2.2E-01	0.84
720	lysoalkylphosphatidylcholine	LPC(O-20:0)	1.06	0.34	3.30	9.19E-01	3.5E-01	1.10
721	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (b)	1.03	0.53	2.00	9.21E-01	8.6E-02	0.76
722	lysoalkenylphosphatidylcholine	LPC(P-16:0)	1.07	0.26	4.50	9.23E-01	3.7E-01	0.95
723	monoalkyl diacylglycerol	TG(O-54:2) [SIM]	0.95	0.34	2.69	9.23E-01	1.2E-01	0.88
724	phosphatidic acid	PA(36:3)	0.96	0.40	2.27	9.24E-01	5.2E-01	1.11
725	sphingosine	Sph(d18:1)	1.05	0.39	2.80	9.24E-01	9.0E-02	1.23
726	ceramide	Cer(d16:1/20:0)	1.04	0.48	2.24	9.25E-01	2.7E-01	0.84
727	alkenylphosphatidylcholine	PC(P-36:3)	1.10	0.14	8.39	9.26E-01	3.1E-01	1.07
728	ceramide	Cer(d16:1/16:0)	0.96	0.43	2.17	9.27E-01	9.9E-01	1.00
729	alkenylphosphatidylethanolamine	PE(P-20:1/22:6)	1.02	0.62	1.69	9.27E-01	9.5E-02	1.48
730	lysophosphatidylcholine	LPC(22:5) (n3) [sn1] [104_sn1]	0.97	0.54	1.76	9.31E-01	6.9E-01	0.92
731	phosphatidylcholine	PC(16:1_22:6)	0.97	0.46	2.04	9.35E-01	9.7E-01	0.99
732	lysophosphatidylcholine	LPC(22:0) [sn2]	0.96	0.40	2.31	9.35E-01	8.0E-01	0.98
733	phosphatidylinositol	PI(18:0_20:3) (a)	1.04	0.39	2.76	9.38E-01	7.2E-01	0.95

734	alkenylphosphatidylethanolamine	PE(P-20:0/18:2)	0.97	0.39	2.39	9.41E-01	2.7E-01	1.12
735	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (a)	0.98	0.53	1.79	9.42E-01	1.5E-01	0.79
736	phosphatidylinositol	PI(15-MHDA_20:4)\PI(17:0_2	1.04	0.32	3.36	9.44E-01	2.1E-01	0.87
737	alkylphosphatidylcholine	PC(O-32:1)	1.05	0.28	3.87	9.44E-01	9.3E-02	1.18
738	triacylglycerol	TG(56:8) [NL-20:5]	1.03	0.42	2.56	9.48E-01	8.1E-01	0.97
739	triacylglycerol	TG(56:8) [NL-20:4]	0.98	0.53	1.80	9.48E-01	2.5E-01	0.84
740	lysalkylphosphatidylcholine	LPC(O-18:0)	1.05	0.26	4.22	9.50E-01	3.5E-01	1.08
741	ceramide	Cer(d17:1/22:0)	1.02	0.50	2.10	9.51E-01	2.3E-01	0.80
742	phosphatidylcholine	PC(15:0_20:4)	1.03	0.43	2.45	9.54E-01	8.2E-01	0.97
743	sphingomyelin	SM(d16:1/23:0)/SM(d17:1/2	1.04	0.29	3.76	9.58E-01	1.7E-01	1.14
744	triacylglycerol	TG(56:7) [NL-22:5](b)	1.02	0.49	2.12	9.65E-01	5.5E-01	1.09
745	triacylglycerol	TG(56:7) [NL-22:5](a)	1.02	0.49	2.11	9.65E-01	5.5E-01	1.09
746	alkenylphosphatidylethanolamine	PE(P-18:0/22:6)	1.02	0.41	2.51	9.67E-01	8.2E-01	0.97
747	lysalkylphosphatidylcholine	LPC(O-22:1)	1.02	0.41	2.54	9.69E-01	2.1E-02	1.29
748	lysophosphatidylcholine	LPC(18:0) [sn2]	0.97	0.23	4.16	9.70E-01	1.7E-01	0.89
749	lysophosphatidylcholine	LPC(17:1) [sn1] (a) / LPC(17:2	0.97	0.24	3.91	9.71E-01	3.1E-01	0.89
750	phosphatidylinositol	PI(38:5) (b)	0.98	0.29	3.29	9.76E-01	5.6E-01	0.94
751	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (b)	0.99	0.60	1.63	9.77E-01	1.1E-03	0.62
752	alkylphosphatidylcholine	PC(O-36:0)	0.98	0.33	2.93	9.77E-01	2.0E-02	1.29
753	alkenylphosphatidylcholine	PC(P-18:0/22:6)	1.02	0.34	3.06	9.78E-01	2.0E-01	1.12
754	sphingomyelin	SM(d18:1/20:0)/SM(d16:1/2	0.98	0.15	6.34	9.81E-01	7.0E-02	1.15
755	lysophosphatidylcholine	LPC(20:5) [sn1]	0.99	0.56	1.76	9.82E-01	8.9E-01	0.97
756	alkenylphosphatidylethanolamine	PE(P-20:0/22:6)	0.99	0.47	2.09	9.85E-01	7.3E-02	1.28
757	triacylglycerol	TG(54:3) [NL-18:2]	1.01	0.55	1.84	9.86E-01	7.7E-01	0.95
758	lysophosphatidylcholine	LPC(22:5) [sn2] (n3)	0.99	0.44	2.26	9.88E-01	9.2E-01	0.98
759	lysophosphatidylinositol	LPI(18:0) [sn1]	1.01	0.37	2.71	9.89E-01	3.8E-01	1.12
760	lysophosphatidylcholine	LPC(18:0) [sn1]	0.99	0.16	6.14	9.89E-01	2.6E-01	0.92
761	dihexosylceramide	Hex2Cer(d18:1/16:0)	0.99	0.32	3.06	9.89E-01	8.3E-04	1.35
762	ceramide	Cer(d17:1/23:0)	1.00	0.54	1.88	9.90E-01	2.7E-01	0.78
763	lysophosphatidylcholine	LPC(20:5) [sn2]	1.00	0.56	1.79	9.91E-01	7.8E-01	0.94
764	alkenylphosphatidylethanolamine	PE(P-16:0/20:3) (b)	1.00	0.41	2.47	9.92E-01	9.4E-03	0.72
765	lysophosphatidylcholine	LPC(19:1) (b)	0.99	0.20	4.97	9.93E-01	8.5E-01	1.01
766	ceramide	Cer(d18:2/24:0)	1.00	0.45	2.22	9.94E-01	2.1E-01	0.84
767	monoalkyldiacylglycerol	TG(O-54:3) [SIM]	1.00	0.34	2.96	9.96E-01	9.2E-01	0.99
768	sphingomyelin	SM(d16:1/24:1)	1.00	0.38	2.66	9.97E-01	2.3E-03	1.38
769	alkylphosphatidylethanolamine	PE(O-36:5)	1.00	0.65	1.53	9.97E-01	6.1E-01	1.11
770	triacylglycerol	TG(56:6) [NL-22:5](b)	1.00	0.48	2.10	9.98E-01	2.2E-01	1.17
771	triacylglycerol	TG(56:6) [NL-22:5](a)	1.00	0.48	2.11	9.98E-01	2.2E-01	1.17
772	sulfatide	Sulfatide (d18:1/24:0)	1.00	0.63	1.58	9.99E-01	9.8E-01	1.00

List C. Lipids associated with overall survival in mCRPC

cox regression rank	Lipid type	Lipid name	Hazard ratio	lower 95% CI	upper 95% CI	Hazard ratio P-value	t-test Profile C2 vs others, P-value	fold, Profile C2/others
1	acylcarnitine	AC(14:1)	1.77	1.45	2.17	6.25E-08	1.2E-09	1.83
2	acylcarnitine	AC(14:2)	2.09	1.60	2.74	8.02E-08	5.0E-09	1.59
3	acylcarnitine	AC(18:1)	3.03	2.07	4.43	9.23E-08	1.0E-08	1.34
4	ceramide	Cer(d19:1/16:0)	1.92	1.48	2.49	3.65E-07	3.9E-09	1.66
5	acylcarnitine	AC(16:1)	2.10	1.60	2.76	3.67E-07	2.4E-09	1.53
6	lysophosphatidylcholine	LPC(14:0) [sn1]	0.33	0.22	0.50	3.93E-07	4.2E-09	0.75
7	sphingomyelin	SM(38:3) (a)	3.20	2.01	5.10	5.62E-07	7.1E-17	1.45
8	sphingomyelin	SM(d19:1/24:1)	3.04	1.94	4.77	5.96E-07	4.7E-15	1.45
9	acylcarnitine	AC(14:0)	2.16	1.62	2.87	6.56E-07	4.4E-06	1.38
10	acylcarnitine	AC(12:0)	1.67	1.37	2.04	7.27E-07	6.4E-07	1.69
11	ceramide	Cer(d19:1/18:0)	1.60	1.32	1.95	8.26E-07	7.1E-09	1.95
12	lysophosphatidylcholine	LPC(14:0) [sn2]	0.35	0.23	0.53	1.00E-06	6.3E-09	0.74
13	phosphatidylcholine	PC(34:5)	0.56	0.44	0.70	1.00E-06	9.9E-10	0.57
14	dihexosylceramide	Hex2Cer(d18:1/20:0)	3.02	1.93	4.72	1.35E-06	1.1E-08	1.36
15	ceramide	Cer(d19:1/20:0)	1.81	1.42	2.31	1.37E-06	2.9E-09	1.70
16	deoxyceramide	Cer(m18:0/24:0)	0.47	0.35	0.64	1.54E-06	2.6E-07	0.65
17	ceramide	Cer(d19:1/24:1)	2.20	1.58	3.06	1.86E-06	1.3E-10	1.51
18	sphingomyelin	SM(d16:1/19:0)	3.86	2.13	6.98	2.73E-06	8.8E-17	1.34
19	acylcarnitine	AC(18:0)	3.00	1.95	4.60	2.91E-06	7.1E-07	1.27
20	sphingomyelin	SM(d18:2/18:1)	4.09	2.26	7.42	3.29E-06	3.9E-12	1.27
21	triacylglycerol	TG(50:4) [NL-20:4]	0.68	0.57	0.80	3.54E-06	2.7E-16	0.35
22	acylcarnitine	AC(16:0)	2.95	1.91	4.55	1.01E-05	6.3E-06	1.23
23	trihexosylceramide	Hex3Cer(d18:1/16:0)	3.19	1.90	5.37	1.17E-05	9.8E-13	1.34
24	sphingomyelin	SM(40:3) (a)	2.82	1.78	4.45	1.53E-05	1.7E-15	1.38
25	phosphatidylcholine	PC(14:0_20:4)	0.45	0.32	0.65	1.61E-05	2.8E-08	0.73
26	triacylglycerol	TG(52:5) [NL-20:5]	0.62	0.49	0.78	1.89E-05	7.4E-12	0.50
27	acylcarnitine	AC(17:0)	2.07	1.52	2.81	1.95E-05	9.9E-08	1.39
28	acylcarnitine	AC(15:0)	2.01	1.46	2.76	2.84E-05	1.2E-06	1.35
29	sphingomyelin	SM(37:2)	3.08	1.80	5.26	3.17E-05	2.1E-17	1.39
30	ceramide	Cer(m18:1/24:1)	3.19	1.88	5.40	4.22E-05	1.6E-07	1.22
31	ceramide	Cer(d17:1/18:0)	2.18	1.50	3.18	4.72E-05	6.7E-06	1.29
32	ceramide	Cer(d17:1/16:0)	2.92	1.74	4.92	4.77E-05	5.5E-06	1.21
33	deoxyceramide	Cer(m18:0/22:0)	0.53	0.39	0.73	4.78E-05	2.9E-08	0.65
34	sphingomyelin	SM(38:3) (b)	1.97	1.42	2.74	5.13E-05	6.0E-13	1.60
35	sphingomyelin	SM(35:2) (b)	3.39	1.89	6.10	5.27E-05	2.7E-18	1.33
36	sphingomyelin	SM(d18:2/18:0)	2.57	1.64	4.02	5.34E-05	7.2E-15	1.42
37	deoxyceramide	Cer(m18:0/23:0)	0.54	0.40	0.73	5.38E-05	4.1E-07	0.65
38	sphingomyelin	SM(d17:1/16:0)	3.70	1.94	7.05	5.52E-05	1.0E-10	1.23
39	acylcarnitine	AC(18:2)	1.81	1.36	2.40	5.89E-05	1.3E-06	1.41
40	ceramide	Cer(d18:1/16:0)	3.80	2.02	7.14	6.08E-05	4.5E-07	1.16
41	phosphatidylcholine	PC(16:0_18:3) (b)	0.37	0.22	0.61	6.27E-05	8.5E-08	0.80
42	sphingomyelin	SM(d18:2/17:0)	3.12	1.76	5.52	6.55E-05	4.7E-14	1.31
43	ceramide	Cer(d18:1/21:0)	2.62	1.62	4.26	7.53E-05	3.0E-04	1.19
44	triacylglycerol	TG(48:0) [NL-16:0]	0.68	0.56	0.83	7.66E-05	1.5E-15	0.43
45	sphingomyelin	SM(34:3)	3.47	1.84	6.52	8.11E-05	1.8E-09	1.23
46	ceramide	Cer(d19:1/22:0)	1.85	1.35	2.52	8.23E-05	1.2E-05	1.36
47	sphingomyelin	SM(d17:1/24:1)	3.82	1.95	7.48	9.41E-05	1.6E-16	1.28
48	phosphatidylinositol	PI(16:0_20:3) (b)	0.49	0.34	0.71	9.80E-05	1.2E-07	0.74
49	ceramide	Cer(d18:1/19:0)	1.70	1.29	2.22	1.05E-04	1.1E-07	1.54
50	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (a)	0.62	0.49	0.80	1.08E-04	3.2E-04	0.70
51	alkenylphosphatidylethanolamine	PE(P-18:0/20:5)	0.61	0.47	0.79	1.12E-04	3.0E-04	0.71
52	phosphatidylcholine	PC(32:2)	0.43	0.28	0.66	1.20E-04	4.2E-06	0.80
53	alkenylphosphatidylethanolamine	PE(P-16:0/20:5)	0.63	0.50	0.81	1.25E-04	2.0E-04	0.68
54	sphingomyelin	SM(43:2) (b)	3.58	1.86	6.91	1.51E-04	1.4E-16	1.29
55	sphingomyelin	SM(40:3) (b)	2.31	1.49	3.58	1.52E-04	1.5E-15	1.44
56	phosphatidylcholine	PC(14:0_16:0)	0.50	0.35	0.72	1.52E-04	5.6E-05	0.78
57	GM3 ganglioside	GM3(d18:1/16:0)	2.65	1.62	4.35	1.68E-04	2.0E-14	1.38
58	ceramide	Cer(d17:1/20:0)	1.85	1.33	2.58	1.86E-04	1.0E-03	1.25
59	sphingomyelin	SM(d18:1/24:1)	3.03	1.71	5.36	1.87E-04	8.8E-17	1.33
60	trihexosylceramide	Hex3Cer(d18:1/24:1)	2.31	1.49	3.60	2.08E-04	3.4E-11	1.37
61	ceramide	Cer(d18:2/16:0)	2.41	1.50	3.85	2.13E-04	3.4E-07	1.25
62	triacylglycerol	TG(48:1) [SIM]	0.62	0.48	0.81	2.25E-04	3.0E-14	0.53
63	sphingomyelin	SM(d18:1/17:0)/SM(d17:1/17:0)	2.13	1.41	3.22	2.62E-04	2.6E-15	1.48
64	phosphatidylcholine	PC(18:2_20:5)	0.59	0.44	0.79	2.71E-04	2.1E-05	0.71
65	sphingomyelin	SM(d18:2/20:0)	3.45	1.73	6.88	2.80E-04	7.2E-12	1.25
66	phosphatidylcholine	PC(28:0)	0.69	0.56	0.85	2.86E-04	2.8E-06	0.60
67	phosphatidylcholine	PC(40:7) (a)	0.46	0.30	0.69	3.15E-04	2.0E-04	0.82
68	triacylglycerol	TG(48:0) [NL-18:0]	0.72	0.60	0.86	3.36E-04	1.6E-11	0.44
69	dihexosylceramide	Hex2Cer(d18:1/24:1)	2.09	1.40	3.12	3.38E-04	2.8E-10	1.42
70	sphingomyelin	SM(44:3)	2.77	1.59	4.84	3.58E-04	1.2E-14	1.32
71	triacylglycerol	TG(52:5) [NL-20:4]	0.68	0.55	0.84	3.64E-04	5.0E-10	0.54
72	sphingomyelin	SM(37:1)	2.35	1.45	3.83	3.66E-04	8.4E-11	1.34
73	triacylglycerol	TG(48:3) [NL-18:3]	0.75	0.64	0.88	3.69E-04	6.2E-21	0.30
74	sphingomyelin	SM(d18:1/18:0)/SM(d16:1/20:0)	3.53	1.75	7.11	3.71E-04	1.3E-13	1.26
75	monohexosylceramide	HexCer(d18:1/16:0)	2.19	1.42	3.38	3.75E-04	3.7E-08	1.33
76	triacylglycerol	TG(48:0) [SIM]	0.70	0.57	0.86	3.92E-04	1.7E-13	0.48
77	phosphatidylcholine	PC(14:0_22:6)	0.53	0.38	0.76	3.97E-04	4.3E-08	0.71
78	phosphatidylcholine	PC(32:1)	0.51	0.35	0.75	4.02E-04	7.5E-04	0.82

79	sphingomyelin	SM(d18:1/16:0)	4.57	1.97	10.63	4.05E-04	2.3E-17	1.23
80	ceramide	Cer(d18:1/18:0)	1.99	1.36	2.92	4.71E-04	3.0E-07	1.31
81	triacylglycerol	TG(50:3) [NL-18:3]	0.65	0.50	0.83	4.80E-04	5.3E-14	0.54
82	dihexosylceramide	Hex2Cer(d18:1/22:0)	2.16	1.41	3.32	4.98E-04	4.3E-05	1.25
83	phosphatidylcholine	PC(16:0_20:3) (b)	0.51	0.34	0.76	6.58E-04	8.9E-03	0.87
84	lysophosphatidylcholine	LPC(18:3) [sn1] (b)	0.64	0.49	0.82	7.45E-04	2.7E-05	0.73
85	free fatty acid	FA(18:1)	1.36	1.13	1.63	7.56E-04	5.6E-04	1.52
86	alkenylphosphatidylcholine	PC(P-16:0/18:0)	2.80	1.56	5.00	7.64E-04	1.1E-12	1.27
87	phosphatidylcholine	PC(36:6) (a)	0.63	0.48	0.83	7.98E-04	3.3E-05	0.70
88	ceramide	Cer(d17:1/24:1)	2.16	1.37	3.43	8.45E-04	2.8E-03	1.16
89	triacylglycerol	TG(52:4) [NL-16:1]	1.60	1.21	2.12	8.60E-04	1.6E-01	1.11
90	alkylphosphatidylcholine	PC(O-34:1)	2.78	1.54	5.00	8.64E-04	1.8E-10	1.24
91	trihexosylceramide	Hex3Cer(d18:1/18:0)	1.88	1.28	2.76	8.78E-04	4.5E-08	1.38
92	free fatty acid	FA(22:4)	1.75	1.26	2.43	9.44E-04	4.3E-05	1.30
93	phosphatidylinositol	PI(16:0_20:4)	0.47	0.30	0.73	1.00E-03	1.0E-08	0.78
94	phosphatidylcholine	PC(16:0_20:5)	0.57	0.40	0.81	1.20E-03	3.5E-04	0.78
95	alkylphosphatidylethanolamine	PE(O-16:0/20:3)	0.55	0.37	0.79	1.22E-03	2.8E-01	0.93
96	phosphatidylinositol	PI(16:0_16:1)	0.71	0.57	0.88	1.27E-03	1.3E-04	0.69
97	ceramide	Cer(d19:1/23:0)	1.70	1.22	2.37	1.40E-03	1.3E-03	1.24
98	triacylglycerol	TG(48:2) [SIM]	0.69	0.54	0.87	1.42E-03	1.3E-14	0.51
99	ceramide	Cer(d18:1/20:0)	2.20	1.35	3.59	1.52E-03	8.5E-05	1.19
100	triacylglycerol	TG(48:2) [NL-18:2]	0.70	0.56	0.87	1.57E-03	1.8E-15	0.49
101	triacylglycerol	TG(54:3) [NL-18:1]	1.66	1.21	2.27	1.58E-03	4.8E-01	1.05
102	alkenylphosphatidylethanolamine	PE(P-18:1/20:5) (b)	0.75	0.62	0.90	1.59E-03	6.9E-04	0.65
103	triacylglycerol	TG(48:1) [NL-18:1]	0.69	0.54	0.87	1.61E-03	7.2E-13	0.53
104	alkylphosphatidylethanolamine	PE(O-36:5)	0.68	0.53	0.87	1.65E-03	2.7E-03	0.74
105	triacylglycerol	TG(50:0) [SIM]	0.74	0.61	0.90	1.74E-03	3.9E-13	0.45
106	phosphatidylserine	PS(38:4)	3.20	1.57	6.52	1.75E-03	1.5E-03	1.10
107	phosphatidylcholine	PC(38:6) (a)	0.40	0.23	0.70	1.83E-03	1.3E-03	0.88
108	phosphatidylcholine	PC(35:5)	0.63	0.47	0.84	1.85E-03	6.8E-05	0.72
109	free fatty acid	FA(16:0)	1.95	1.28	2.97	1.91E-03	5.6E-04	1.20
110	triacylglycerol	TG(52:3) [NL-16:1]	1.66	1.21	2.28	1.93E-03	7.9E-02	1.11
111	alkenylphosphatidylcholine	PC(P-16:0/20:5)	0.64	0.48	0.86	2.01E-03	5.7E-02	0.85
112	deoxyceramide	Cer(m18:1/24:0)	0.66	0.51	0.86	2.05E-03	3.9E-06	0.66
113	sphingomyelin	SM(44:2)	2.18	1.33	3.57	2.12E-03	5.9E-15	1.37
114	sphingomyelin	SM(d18:2/16:0)	3.49	1.59	7.65	2.13E-03	2.4E-09	1.16
115	trihexosylceramide	Hex3Cer(d18:1/20:0)	1.68	1.20	2.33	2.33E-03	2.2E-06	1.35
116	triacylglycerol	TG(48:2) [NL-14:0]	0.71	0.57	0.89	2.42E-03	1.8E-13	0.51
117	triacylglycerol	TG(50:0) [NL-18:0]	0.76	0.64	0.91	2.50E-03	6.2E-13	0.43
118	lysophosphatidylcholine	LPC(20:5) [sn2]	0.66	0.49	0.87	2.63E-03	6.3E-04	0.75
119	alkenylphosphatidylethanolamine	PE(P-16:0/20:3) (b)	0.69	0.54	0.87	2.63E-03	5.0E-01	0.95
120	lysophosphatidylcholine	LPC(20:3) [sn2]	0.47	0.29	0.77	2.77E-03	1.7E-03	0.87
121	triacylglycerol	TG(48:2) [NL-14:1]	0.76	0.63	0.91	2.79E-03	5.1E-11	0.48
122	triacylglycerol	TG(48:1) [NL-16:1]	0.77	0.64	0.92	2.82E-03	6.6E-09	0.51
123	phosphatidylinositol	PI(34:1)	0.56	0.38	0.82	2.88E-03	2.6E-04	0.82
124	alkylphosphatidylcholine	PC(O-18:0/18:1)	2.67	1.41	5.03	2.89E-03	3.9E-10	1.22
125	alkenylphosphatidylethanolamine	PE(P-18:0/20:3) (b)	0.68	0.53	0.88	2.91E-03	8.1E-01	0.98
126	trihexosylceramide	Hex3Cer(d18:1/22:0)	1.75	1.20	2.54	2.95E-03	7.2E-07	1.34
127	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (b)	0.70	0.55	0.88	3.13E-03	1.8E-01	0.89
128	lysophosphatidylcholine	LPC(18:3) [sn1] (a)/LPC(18:3)	0.73	0.59	0.90	3.26E-03	6.6E-04	0.72
129	alkylphosphatidylethanolamine	PE(O-16:0/22:6)	0.62	0.45	0.85	3.48E-03	9.7E-03	0.83
130	ceramide	Cer(d20:1/24:1)	1.66	1.19	2.34	3.65E-03	3.5E-07	1.39
131	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n3)	0.54	0.35	0.82	3.77E-03	6.7E-02	0.91
132	sphingomyelin	SM(d18:0/16:0)	1.94	1.24	3.05	3.81E-03	2.2E-10	1.35
133	triacylglycerol	TG(49:1) [NL-17:1]	0.71	0.56	0.90	3.86E-03	8.0E-10	0.58
134	alkenylphosphatidylethanolamine	PE(P-16:0/18:2)	0.57	0.40	0.83	3.86E-03	3.5E-01	0.95
135	alkenylphosphatidylethanolamine	PE(P-18:1/20:3) (b)	0.69	0.53	0.89	3.94E-03	4.9E-01	0.95
136	lysophosphatidylcholine	LPC(16:1) [sn2]	0.53	0.34	0.82	4.08E-03	6.1E-02	0.91
137	alkylphosphatidylethanolamine	PE(O-34:1)	0.56	0.37	0.84	4.28E-03	5.6E-02	0.90
138	alkylphosphatidylethanolamine	PE(O-38:5) (a)	0.63	0.45	0.87	4.50E-03	2.4E-01	0.92
139	sphingomyelin	SM(d16:1/24:1)	1.92	1.22	3.03	4.52E-03	2.9E-10	1.32
140	triacylglycerol	TG(48:3) [NL-14:0]	0.78	0.66	0.93	4.53E-03	5.0E-17	0.36
141	alkylphosphatidylcholine	PC(O-18:1/18:1)	1.93	1.23	3.03	4.59E-03	2.2E-10	1.34
142	ceramide	Cer(d18:2/24:1)	1.90	1.21	2.96	4.63E-03	1.6E-02	1.13
143	deoxyceramide	Cer(m18:0/20:0)	0.67	0.50	0.88	4.83E-03	9.1E-06	0.71
144	free fatty acid	FA(18:2)	1.30	1.08	1.56	4.88E-03	5.0E-03	1.40
145	monohexosylceramide	HexCer(d18:1/24:1)	1.93	1.22	3.05	4.90E-03	2.2E-08	1.30
146	lysophosphatidylcholine	LPC(20:5) [sn1]	0.69	0.53	0.90	5.02E-03	2.0E-03	0.77
147	dihexosylceramide	Hex2Cer(d16:1/24:1)	1.59	1.15	2.19	5.06E-03	1.2E-06	1.39
148	alkenylphosphatidylethanolamine	PE(P-16:0/20:4)	0.62	0.44	0.86	5.16E-03	1.5E-01	0.91
149	triacylglycerol	TG(49:1) [NL-16:1]	0.66	0.48	0.90	5.34E-03	1.6E-07	0.69
150	triacylglycerol	TG(48:2) [NL-16:1]	0.76	0.62	0.93	5.47E-03	1.1E-08	0.56
151	alkylphosphatidylcholine	PC(O-34:4)	0.45	0.26	0.80	5.55E-03	3.9E-01	0.97
152	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (b)	0.70	0.54	0.90	5.74E-03	2.6E-01	0.92
153	phosphatidylinositol	PI(20:0_20:4)	0.59	0.41	0.86	5.78E-03	9.1E-10	0.70
154	ceramide	Cer(d18:2/20:0)	1.79	1.17	2.75	5.93E-03	7.0E-03	1.15
155	monohexosylceramide	HexCer(d18:2/20:0)	1.82	1.16	2.85	6.04E-03	3.6E-03	1.17
156	alkenylphosphatidylethanolamine	PE(P-16:0/20:3) (a)	0.68	0.51	0.90	6.27E-03	1.4E-01	0.89
157	triacylglycerol	TG(54:6) [NL-20:5]	0.70	0.54	0.91	6.53E-03	8.4E-06	0.68
158	triacylglycerol	TG(54:4) [NL-18:2]	1.48	1.11	1.97	6.88E-03	8.8E-01	1.01
159	phosphatidylcholine	PC(40:8)	0.51	0.31	0.83	7.09E-03	8.1E-03	0.89
160	phosphatidylserine	PS(38:3)	2.31	1.26	4.23	7.34E-03	7.9E-03	1.11
161	diacylglycerol	DG(14:0_16:0)	0.84	0.73	0.96	7.42E-03	1.6E-13	0.32
162	dihexosylceramide	Hex2Cer(d18:2/24:1)	1.67	1.14	2.43	7.61E-03	1.7E-09	1.42

163	free fatty acid	FA(20:2)	1.97	1.19	3.25	7.75E-03	1.4E-05	1.22
164	sphingomyelin	SM(41:1) (a)	1.66	1.14	2.41	7.79E-03	7.1E-06	1.30
165	phosphatidylserine	PS(36:2)	2.26	1.26	4.04	8.40E-03	6.3E-02	1.08
166	triacylglycerol	TG(54:6) [NL-22:6]	0.76	0.61	0.94	8.78E-03	4.6E-06	0.63
167	alkylphosphatidylcholine	PC(O-36:5)	0.65	0.46	0.91	8.78E-03	1.7E-01	0.91
168	triacylglycerol	TG(52:2) [NL-18:2]	0.67	0.50	0.90	8.80E-03	5.1E-08	0.69
169	cholesterol	COH	2.85	1.32	6.19	8.85E-03	9.5E-08	1.15
170	deoxyceramide	Cer(m18:1/22:0)	0.71	0.55	0.92	8.86E-03	5.0E-06	0.67
171	diacylglycerol	DG(16:0_16:1)	0.73	0.57	0.93	9.18E-03	1.2E-08	0.61
172	triacylglycerol	TG(52:3) [NL-18:2]	1.80	1.16	2.79	9.67E-03	8.1E-01	1.01
173	triacylglycerol	TG(52:1) [NL-18:1]	1.56	1.13	2.17	9.75E-03	7.8E-01	0.99
174	free fatty acid	FA(18:3)	1.48	1.10	1.99	9.84E-03	6.2E-02	1.14
175	sphingosine	Sph(d18:1)	1.91	1.17	3.12	9.96E-03	2.2E-02	1.11
176	phosphatidylcholine (oxidised)	PC(36:4) [+OH]	1.49	1.11	2.00	1.00E-02	9.0E-05	1.30
177	alkenylphosphatidylethanolamine	PE(P-18:1/20:3) (a)	0.70	0.53	0.92	1.00E-02	2.8E-01	0.92
178	triacylglycerol	TG(52:3) [SIM]	1.94	1.18	3.19	1.03E-02	5.1E-01	1.02
179	free fatty acid	FA(14:0)	1.86	1.16	2.98	1.04E-02	6.7E-03	1.14
180	triacylglycerol	TG(51:2) [NL-15:0]	1.42	1.08	1.86	1.04E-02	5.1E-01	0.95
181	monohexosylceramide	HexCer(d18:1/20:0)	1.81	1.15	2.85	1.10E-02	2.3E-06	1.26
182	alkenylphosphatidylethanolamine	PE(P-15:0/22:6) (b)	0.69	0.52	0.91	1.14E-02	2.8E-02	0.84
183	free fatty acid	FA(17:0)	2.03	1.17	3.51	1.19E-02	1.7E-04	1.17
184	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (b)	0.67	0.49	0.91	1.24E-02	2.7E-01	0.93
185	phosphatidylethanolamine	PE(16:0_20:5)	0.74	0.59	0.94	1.27E-02	4.7E-07	0.63
186	ceramide	Cer(d19:1/26:0)	1.43	1.07	1.90	1.29E-02	7.7E-05	1.37
187	alkylphosphatidylethanolamine	PE(O-38:5) (b)	0.64	0.45	0.91	1.35E-02	1.9E-02	0.87
188	deoxyceramide	Cer(m18:1/23:0)	0.71	0.55	0.93	1.35E-02	9.0E-06	0.67
189	alkenylphosphatidylethanolamine	PE(P-18:0/20:3) (a)	0.71	0.55	0.93	1.36E-02	2.7E-01	0.91
190	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (a)	0.75	0.60	0.94	1.36E-02	3.1E-02	0.81
191	phosphatidylcholine	PC(16:1_20:4)	0.72	0.55	0.94	1.40E-02	9.4E-03	0.81
192	triacylglycerol	TG(54:3) [SIM]	1.61	1.10	2.37	1.43E-02	9.7E-01	1.00
193	sphingosine	Sph(d16:1)	2.28	1.18	4.42	1.44E-02	4.3E-04	1.13
194	phosphatidylcholine	PC(18:0_20:3)	0.56	0.35	0.89	1.45E-02	5.7E-04	0.85
195	alkenylphosphatidylethanolamine	PE(P-18:1/22:4)	1.54	1.08	2.19	1.45E-02	6.2E-05	1.28
196	lysophosphatidylcholine	LPC(20:3) [sn1]	0.58	0.37	0.89	1.47E-02	1.1E-02	0.89
197	triacylglycerol	TG(48:3) [NL-16:1]	0.79	0.66	0.96	1.53E-02	1.6E-13	0.46
198	cholesterol ester	CE(24:4)	1.48	1.07	2.04	1.59E-02	5.6E-03	1.22
199	triacylglycerol	TG(50:1) [NL-16:0]	0.70	0.51	0.94	1.68E-02	2.5E-09	0.68
200	phosphatidylcholine	PC(18:1_22:6) (b)	1.31	1.05	1.64	1.69E-02	4.0E-01	1.09
201	monohexosylceramide	HexCer(d18:1/18:0)	1.70	1.10	2.63	1.74E-02	2.5E-08	1.33
202	phosphatidylinositol	PI(16:0/16:0)	0.76	0.61	0.96	1.76E-02	6.6E-04	0.72
203	ceramide	Cer(d18:2/18:0)	1.45	1.06	2.00	1.78E-02	2.5E-03	1.23
204	alkylphosphatidylethanolamine	PE(O-18:0/22:5)	0.61	0.41	0.91	1.78E-02	1.3E-01	0.92
205	triacylglycerol	TG(52:4) [NL-18:2]	1.54	1.07	2.21	1.78E-02	4.9E-01	1.04
206	dihydroceramide	Cer(d18:0/24:0)	0.68	0.49	0.94	1.78E-02	5.7E-03	0.82
207	triacylglycerol	TG(56:6) [NL-20:4]	1.35	1.04	1.75	1.83E-02	2.6E-02	1.23
208	alkenylphosphatidylethanolamine	PE(P-16:0/18:3)	0.74	0.58	0.95	1.92E-02	1.9E-01	0.90
209	phosphatidylinositol	PI(18:0_20:3) (b)	0.61	0.40	0.93	1.93E-02	2.5E-02	0.90
210	phosphatidylethanolamine	PE(16:0_18:3) (b)	0.78	0.63	0.96	1.94E-02	6.0E-09	0.58
211	triacylglycerol	TG(50:4) [NL-18:3]	0.78	0.63	0.96	1.97E-02	4.3E-15	0.47
212	triacylglycerol	TG(48:3) [SIM]	0.80	0.66	0.97	2.02E-02	1.3E-16	0.41
213	lysophosphatidylcholine	LPC(16:0) [sn2]	0.45	0.23	0.88	2.07E-02	3.0E-01	0.97
214	dihexosylceramide	Hex2Cer(d18:1/24:0)	1.81	1.20	2.99	2.09E-02	5.8E-03	1.14
215	triacylglycerol	TG(54:7) [NL-20:5]	0.80	0.67	0.97	2.14E-02	9.7E-09	0.52
216	ceramide	Cer(d20:1/26:0)	1.09	1.01	1.18	2.25E-02	7.7E-01	1.10
217	alkenylphosphatidylcholine	PC(P-16:0/18:1)	2.11	1.12	3.97	2.25E-02	2.9E-08	1.20
218	phosphatidylserine	PS(38:5)	1.33	1.04	1.71	2.26E-02	2.6E-03	1.35
219	phosphatidylcholine	PC(18:2_18:2)	0.67	0.47	0.95	2.29E-02	5.0E-02	0.88
220	lysophosphatidylcholine	LPC(18:3) [sn2] (a)	0.75	0.59	0.97	2.35E-02	5.7E-02	0.85
221	alkylphosphatidylethanolamine	PE(O-16:0/20:4)	0.74	0.56	0.96	2.37E-02	4.2E-01	0.94
222	lysophosphatidylcholine	LPC(20:1) [sn1]	1.61	1.07	2.43	2.39E-02	3.7E-04	1.20
223	triacylglycerol	TG(50:2) [NL-18:2]	0.69	0.49	0.96	2.43E-02	4.4E-07	0.74
224	deoxyceramide	Cer(m18:0/24:1)	0.69	0.50	0.96	2.49E-02	9.7E-03	0.82
225	triacylglycerol	TG(50:1) [NL-14:0]	0.75	0.58	0.97	2.54E-02	3.5E-10	0.58
226	alkenylphosphatidylethanolamine	PE(P-15:0/20:4) (b)	0.75	0.58	0.96	2.55E-02	1.2E-02	0.80
227	triacylglycerol	TG(50:1) [SIM]	0.67	0.47	0.96	2.56E-02	2.1E-09	0.71
228	alkenylphosphatidylethanolamine	PE(P-18:0/20:4)	0.70	0.51	0.95	2.63E-02	5.2E-01	0.96
229	lysophosphatidylcholine	LPC(16:0) [sn1]	0.42	0.20	0.91	2.71E-02	4.5E-01	0.98
230	phosphatidylinositol	PI(18:0_18:1)	0.62	0.41	0.95	2.74E-02	1.5E-02	0.89
231	free fatty acid	FA(18:0)	2.11	1.08	4.11	2.77E-02	5.4E-03	1.10
232	phosphatidylcholine	PC(18:0_18:1)	0.49	0.25	0.94	2.79E-02	2.3E-01	0.96
233	alkenylphosphatidylcholine	PC(P-20:0/20:4)	1.78	1.07	2.95	2.80E-02	1.4E-05	1.19
234	phosphatidylinositol	PI(37:6)	0.73	0.54	0.97	2.82E-02	1.4E-01	0.89
235	phosphatidylethanolamine	PE(16:0_16:1)	0.81	0.66	0.98	2.97E-02	2.0E-05	0.64
236	triacylglycerol	TG(52:2) [NL-16:0]	1.60	1.05	2.43	3.03E-02	6.4E-01	0.98
237	triacylglycerol	TG(51:0) [SIM]	2.05	1.06	3.94	3.12E-02	4.4E-02	1.08
238	monoalkyldiacylglycerol	TG(O-52:0) [SIM]	2.05	1.06	3.94	3.12E-02	4.4E-02	1.08
239	alkenylphosphatidylcholine	PC(P-18:1/18:1)	1.61	1.05	2.48	3.14E-02	4.1E-08	1.32
240	desmosterol	DE(20:5)	0.80	0.65	0.99	3.17E-02	8.2E-01	0.97
241	acylcarnitine	AC(13:0)	1.25	1.02	1.52	3.18E-02	2.2E-03	1.37
242	diacylglycerol	DG(18:1_18:2)	1.37	1.02	1.83	3.22E-02	6.8E-02	0.87
243	diacylglycerol	DG(16:0_16:0)	0.84	0.71	0.99	3.24E-02	1.1E-10	0.45
244	alkylphosphatidylcholine	PC(O-36:0)	1.90	1.06	3.42	3.30E-02	2.5E-04	1.15
245	triacylglycerol	TG(52:1) [NL-18:0]	0.78	0.62	0.98	3.31E-02	7.2E-10	0.57
246	sphingomyelin	SM(44:1)	1.82	1.05	3.17	3.33E-02	1.4E-07	1.21

247	dihexosylceramide	Hex2Cer(d18:1/16:0)	1.84	1.05	3.24	3.36E-02	9.2E-10	1.27
248	alkenylphosphatidylcholine	PC(P-16:0/16:0)	2.00	1.06	3.76	3.40E-02	7.8E-08	1.20
249	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (a)	0.70	0.51	0.97	3.43E-02	7.7E-01	0.98
250	phosphatidylcholine	PC(17:0_20:4)	1.58	1.03	2.44	3.54E-02	1.5E-02	1.14
251	sphingomyelin	SM(43:1)	1.88	1.04	3.39	3.58E-02	1.7E-07	1.20
252	diacylglycerol	DG(14:0_18:2)	0.75	0.57	0.98	3.60E-02	8.4E-15	0.55
253	lysophosphatidylethanolamine	LPE(16:0) [sn2]	0.67	0.47	0.98	3.63E-02	7.2E-02	0.91
254	triacylglycerol	TG(53:2) [NL-18:1]	1.28	1.02	1.61	3.66E-02	1.2E-01	0.87
255	triacylglycerol	TG(54:7) [NL-22:6]	0.81	0.67	0.99	3.68E-02	3.5E-06	0.60
256	GM1 ganglioside	GM1(d18:1/16:0)	1.53	1.02	2.29	3.76E-02	1.3E-07	1.33
257	cholesterol ester	CE(16:1)	0.68	0.46	0.98	3.96E-02	2.0E-01	1.08
258	alkenylphosphatidylethanolamine	PE(P-16:0/22:6)	0.64	0.43	0.97	3.96E-02	1.3E-01	0.92
259	ceramide	Cer(d16:1/24:0)	0.70	0.49	0.98	4.14E-02	9.5E-05	0.77
260	diacylglycerol	DG(16:0_20:4)	0.72	0.52	0.99	4.15E-02	3.3E-08	0.67
261	alkenylphosphatidylethanolamine	PE(P-15:0/22:6) (a)	0.75	0.58	0.99	4.24E-02	1.3E-02	0.82
262	ceramide	Cer(d18:2/21:0)	1.20	1.00	1.44	4.25E-02	7.6E-02	1.25
263	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n3)	0.69	0.48	0.99	4.48E-02	3.4E-01	0.95
264	lysophosphatidylcholine	LPC(18:3) (a) [sn1] [104_sn1]	0.77	0.59	1.00	4.54E-02	1.4E-01	0.89
265	lysophosphatidylcholine	LPC(16:1) [sn1]	0.99	0.36	0.99	4.54E-02	4.2E-01	0.97
266	monoalkyl diacylglycerol	TG(O-50:1) [NL-16:0]	0.75	0.55	1.00	4.54E-02	2.1E-05	0.72
267	lysophosphatidylcholine	LPC(22:1) [sn1]	1.37	1.01	1.86	4.59E-02	6.6E-04	1.25
268	sphingomyelin	SM(43:2) (c)	1.82	1.01	3.28	4.69E-02	3.2E-09	1.22
269	triacylglycerol	TG(54:4) [SIM]	1.49	1.00	2.22	4.73E-02	1.0E+00	1.00
270	lysophosphatidylethanolamine	LPE(18:0) [sn2]	0.62	0.38	1.00	4.78E-02	1.0E-01	0.93
271	cholesterol ester	CE(24:0)	0.77	0.59	1.00	4.79E-02	3.2E-01	0.92
272	alkenylphosphatidylethanolamine	PE(P-18:1/20:4) (a)	0.82	0.68	1.00	4.85E-02	5.9E-01	0.95
273	monohexosylceramide	HexCer(d18:2/18:0)	1.60	1.00	2.56	4.85E-02	5.9E-06	1.27
274	sulfatide	Sulfatide (d18:1/24:1)	1.42	0.99	2.03	4.92E-02	3.2E-04	1.26
275	alkenylphosphatidylethanolamine	PE(P-18:1/20:4) (b)	0.79	0.62	1.00	4.95E-02	6.3E-01	0.96
276	alkenylphosphatidylethanolamine	PE(P-17:0/20:4) (a)	0.77	0.60	1.00	5.01E-02	4.4E-01	0.94
277	phosphatidylcholine	PC(18:0_22:5) (n3)	0.67	0.45	1.00	5.18E-02	5.4E-03	0.87
278	phosphatidylethanolamine	PE(36:0)	1.09	1.00	1.20	5.26E-02	3.1E-02	1.82
279	cholesterol ester	CE(16:0)	2.04	0.98	4.25	5.35E-02	5.9E-05	1.15
280	monoalkyl diacylglycerol	TG(O-52:0) [NL-16:0]	0.85	0.71	1.01	5.44E-02	1.4E-10	0.45
281	alkylphosphatidylethanolamine	PE(O-16:0/18:2)	0.75	0.55	1.01	5.49E-02	9.3E-01	1.01
282	lysophosphatidylethanolamine	LPE(16:0) [sn1]	0.69	0.47	1.01	5.54E-02	4.9E-02	0.90
283	sphingomyelin	SM(d18:1/14:0/SM(d16:1/16:0))	2.00	0.99	4.05	5.58E-02	1.5E-03	1.11
284	phosphatidylcholine	PC(33:0) (b)	1.69	0.99	2.89	5.61E-02	4.5E-05	1.17
285	monoalkyl diacylglycerol	TG(O-52:2) [NL-16:0]	0.75	0.55	1.01	5.62E-02	9.4E-06	0.72
286	triacylglycerol	TG(51:0) [NL-16:0]	0.85	0.71	1.01	5.62E-02	1.7E-10	0.45
287	free fatty acid	FA(22:5)	1.40	0.99	1.98	5.67E-02	3.1E-03	1.18
288	triacylglycerol	TG(52:2) [SIM]	1.61	1.00	2.59	5.69E-02	7.9E-01	0.99
289	triacylglycerol	TG(52:1) [SIM]	0.79	0.61	1.01	5.75E-02	7.2E-09	0.62
290	triacylglycerol	TG(50:2) [SIM]	0.68	0.44	1.03	6.15E-02	3.1E-05	0.81
291	cholesterol ester	CE(15:0)	1.44	0.97	2.15	6.28E-02	4.0E-08	1.37
292	phosphatidylethanolamine	PE(18:1_22:6) (b)	1.20	0.99	1.45	6.37E-02	4.3E-01	0.91
293	lysophosphatidylinositol	PI(18:1) [sn1]	0.76	0.56	1.02	6.51E-02	9.3E-01	0.99
294	alkenylphosphatidylethanolamine	PE(P-18:0/18:2)	0.71	0.50	1.02	6.56E-02	9.5E-01	1.00
295	lysoalkenylphosphatidylethanolami	LPE(P-16:0)	0.69	0.46	1.05	6.62E-02	4.0E-01	1.05
296	free fatty acid	FA(20:4)	1.37	0.98	1.90	6.65E-02	6.8E-03	1.19
297	triacylglycerol	TG(49:1) [SIM]	0.79	0.61	1.02	6.66E-02	1.6E-07	0.66
298	alkenylphosphatidylethanolamine	PE(P-18:0/18:1)	0.68	0.45	1.03	6.76E-02	3.3E-01	1.05
299	free fatty acid	FA(15:0)	1.55	0.97	2.48	6.95E-02	5.3E-04	1.17
300	ceramide-1-phosphate	Cer1P(d18:1/16:0)	1.39	0.97	1.99	7.36E-02	5.3E-04	1.25
301	alkylphosphatidylcholine	PC(O-40:5)	1.74	0.95	3.18	7.47E-02	3.7E-06	1.18
302	triacylglycerol	TG(50:4) [SIM]	0.82	0.66	1.02	7.52E-02	1.2E-13	0.52
303	phosphatidylinositol	PI(18:0_22:5) (n3)	0.70	0.46	1.04	7.68E-02	3.5E-04	0.82
304	cholesterol ester	CE(22:4)	1.42	0.95	2.10	7.74E-02	3.7E-08	1.37
305	phosphatidylserine	PS(36:1)	1.96	0.93	4.15	7.93E-02	3.1E-02	1.07
306	lysoalkenylphosphatidylethanolami	LPE(P-18:0)	0.73	0.51	1.05	7.95E-02	6.0E-01	1.03
307	phosphatidylcholine	PC(15-MHDA_20:4)	1.33	0.97	1.84	7.98E-02	2.1E-03	1.23
308	phosphatidylcholine	PC(15-MHDA_18:2)	1.29	0.97	1.72	8.20E-02	5.8E-04	1.28
309	phosphatidylinositol	PI(18:0_22:4)	0.72	0.49	1.05	8.34E-02	1.1E-01	0.91
310	cholesterol ester	CE(24:6)	0.73	0.52	1.04	8.38E-02	7.8E-02	0.90
311	alkenylphosphatidylethanolamine	PE(P-16:0/18:1)	0.67	0.42	1.06	8.50E-02	2.1E-01	1.06
312	alkylphosphatidylcholine	PC(O-16:0/16:0)	1.74	0.93	3.25	8.52E-02	4.7E-05	1.15
313	lysophosphatidylcholine	LPC(20:1) [sn2]	1.45	0.95	2.22	8.56E-02	6.3E-04	1.18
314	lysophosphatidylcholine	LPC(26:0) [sn1]	0.71	0.48	1.05	8.59E-02	6.8E-01	0.98
315	phosphatidylethanolamine	PE(15-MHDA_22:6)	1.22	0.97	1.53	8.65E-02	5.7E-01	0.94
316	cholesterol ester	CE(22:0)	0.79	0.61	1.04	8.66E-02	1.6E-01	0.89
317	free fatty acid	FA(16:1)	1.25	0.97	1.61	8.87E-02	1.7E-03	1.31
318	diacylglycerol	DG(18:1_22:5)	1.22	0.96	1.54	9.04E-02	1.4E-01	0.86
319	ceramide	Cer(d16:1/24:1)	1.42	0.94	2.14	9.05E-02	5.7E-01	1.03
320	deoxyceramide	Cer(m18:1/20:0)	0.80	0.61	1.04	9.10E-02	2.4E-04	0.73
321	triacylglycerol	TG(50:1) [NL-18:1]	0.76	0.55	1.05	9.12E-02	8.0E-08	0.71
322	phosphatidylcholine	PC(17:0_18:2)	1.72	0.90	3.26	9.26E-02	1.2E-03	1.12
323	monoalkyl diacylglycerol	TG(O-54:3) [SIM]	1.72	0.92	3.21	9.38E-02	4.6E-01	0.98
324	triacylglycerol	TG(54:1) [NL-18:1]	0.88	0.75	1.02	9.42E-02	2.0E-08	0.46
325	lysophosphatidylcholine	LPC(22:5) [sn2] (n3)	0.72	0.50	1.06	9.50E-02	1.9E-02	0.88
326	monohexosylceramide	HexCer(d18:2/22:0)	1.49	0.94	2.37	9.54E-02	6.0E-03	1.14
327	monoalkyl diacylglycerol	TG(O-50:2) [NL-18:1]	0.75	0.53	1.06	9.55E-02	2.1E-02	0.87
328	cholesterol ester	CE(22:5) (n6)	1.32	0.94	1.86	9.67E-02	2.4E-04	1.29
329	phosphatidylethanolamine	PE(18:0_18:1)	0.77	0.57	1.05	9.82E-02	6.3E-09	0.67
330	phosphatidylethanolamine	PE(17:0_20:4)	1.27	0.96	1.67	9.83E-02	2.7E-01	0.92

331	diacylglycerol	DG(18:1_20:5)	0.90	0.79	1.02	9.88E-02	1.9E-06	0.42
332	alkylphosphatidylcholine	PC(O-18:0/20:4)	1.45	0.93	2.28	9.91E-02	2.0E-04	1.19
333	phosphatidylcholine	PC(16:0_18:3) (a)	0.62	0.35	1.10	1.01E-01	4.6E-01	0.97
334	phosphatidylcholine	PC(34:2) [+OH]	0.88	0.74	1.04	1.02E-01	8.6E-01	0.97
335	lysophosphatidylcholine	LPC(18:2) [sn2]	0.61	0.33	1.11	1.04E-01	5.1E-01	0.98
336	GM3 ganglioside	GM3(d18:1/24:1)	1.41	0.93	2.14	1.05E-01	6.7E-10	1.37
337	phosphatidylcholine	PC(15-MHDA_18:1)	1.32	0.95	1.84	1.05E-01	8.6E-05	1.25
338	triacylglycerol	TG(56:7) [NL-20:4]	1.21	0.95	1.55	1.06E-01	1.7E-01	1.14
339	sulfatide	Sulfatide (d18:1-/24:0(OH))	0.71	0.47	1.07	1.06E-01	1.4E-01	0.93
340	alkylphosphatidylethanolamine	PE(O-18:0/22:6)	0.70	0.46	1.08	1.08E-01	8.1E-02	0.91
341	cholesterol ester	CE(20:1)	1.44	0.92	2.27	1.09E-01	7.6E-05	1.21
342	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (a)	0.76	0.55	1.06	1.10E-01	3.3E-01	1.06
343	phosphatidylcholine	PC(16:0_20:3) (a)	0.58	0.30	1.13	1.11E-01	2.6E-01	0.96
344	cholesterol ester	CE(18:2)	1.52	0.90	2.58	1.11E-01	1.3E-07	1.24
345	free fatty acid	FA(17:1)	1.42	0.92	2.19	1.13E-01	1.4E-03	1.18
346	ceramide	Cer(d18:2/14:0)	0.81	0.63	1.05	1.15E-01	9.3E-01	0.99
347	monoalkyldiacylglycerol	TG(O-52:1) [NL-16:0]	0.80	0.61	1.06	1.15E-01	4.9E-05	0.70
348	lysophosphatidylcholine	LPC(22:1) [sn2]	1.27	0.94	1.70	1.16E-01	2.1E-03	1.24
349	free fatty acid	FA(20:3)	1.41	0.92	2.15	1.16E-01	8.0E-03	1.14
350	triacylglycerol	TG(54:0) [SIM]	0.86	0.71	1.04	1.16E-01	2.0E-09	0.52
351	phosphatidylethanolamine	PE(15-MHDA_20:4)	1.24	0.94	1.63	1.20E-01	4.7E-01	0.94
352	phosphatidylcholine	PC(31:0) (a)	0.80	0.60	1.06	1.23E-01	1.1E-01	0.88
353	diacylglycerol	DG(18:2_18:2)	1.15	0.96	1.39	1.23E-01	9.9E-02	0.83
354	diacylglycerol	DG(18:1_18:1)	1.23	0.95	1.60	1.23E-01	8.0E-03	0.81
355	monoalkyldiacylglycerol	TG(O-50:1) [NL-17:1]	0.80	0.59	1.07	1.25E-01	9.0E-05	0.74
356	lysophosphatidylcholine	LPC(22:5) (n3) [sn1] [104_sn	0.81	0.62	1.06	1.26E-01	9.2E-02	0.88
357	alkylphosphatidylcholine	PC(O-38:5)	1.50	0.89	2.52	1.27E-01	4.1E-05	1.18
358	sphingomyelin	SM(d18:0/22:0)	0.77	0.56	1.08	1.27E-01	9.4E-01	1.00
359	alkenylphosphatidylethanolamine	PE(P-18:1/18:1)	0.74	0.51	1.09	1.28E-01	2.1E-01	1.07
360	lysophosphatidylcholine	LPC(17:1) [sn2] (a)	0.69	0.42	1.12	1.28E-01	9.7E-01	1.00
361	triacylglycerol	TG(54:1) [SIM]	0.87	0.73	1.04	1.28E-01	7.4E-09	0.50
362	alkylphosphatidylethanolamine	PE(O-18:1/18:2)	0.82	0.64	1.06	1.28E-01	9.6E-01	1.00
363	monoalkyldiacylglycerol	TG(O-54:4) [NL-18:2]	1.31	0.92	1.87	1.29E-01	4.3E-01	1.05
364	lysophosphatidylcholine	LPC(26:0) [sn2]	0.73	0.49	1.10	1.31E-01	5.2E-01	0.97
365	diacylglycerol	DG(16:0_22:6)	0.86	0.71	1.05	1.32E-01	1.9E-05	0.62
366	triacylglycerol	TG(53:2) [SIM]	1.21	0.94	1.56	1.32E-01	3.0E-02	0.84
367	alkenylphosphatidylethanolamine	PE(P-18:0/22:6)	0.76	0.54	1.08	1.33E-01	4.5E-01	0.95
368	triacylglycerol	TG(52:4) [SIM]	1.42	0.90	2.24	1.36E-01	6.0E-01	0.98
369	ceramide	Cer(d18:2/17:0)	1.16	0.95	1.41	1.36E-01	9.2E-03	1.38
370	triacylglycerol	TG(54:0) [NL-18:0]	0.89	0.77	1.04	1.36E-01	1.1E-06	0.49
371	trihexosylceramide	Hex3Cer(d18:1/24:0)	1.33	0.91	1.95	1.39E-01	4.3E-04	1.23
372	cholesterol ester	CE(14:0)	0.76	0.53	1.09	1.41E-01	9.5E-01	1.00
373	alkenylphosphatidylcholine	PC(P-18:0/22:5)	1.43	0.89	2.31	1.42E-01	1.3E-05	1.21
374	lysoalkenylphosphatidylethanolami	LPE(P-18:1)	0.80	0.59	1.09	1.42E-01	2.9E-01	1.08
375	cholesterol ester	CE(20:0)	0.82	0.62	1.08	1.47E-01	2.7E-01	0.91
376	lysophosphatidylcholine	LPC(22:5) [sn1] (n3)/LPC(22:5	0.75	0.51	1.11	1.52E-01	6.0E-02	0.91
377	phosphatidylcholine	PC(18:1_22:6) (a)	1.24	0.92	1.66	1.52E-01	5.1E-01	1.05
378	GM3 ganglioside	GM3(d18:1/24:0)	0.76	0.52	1.11	1.55E-01	2.2E-02	1.15
379	ceramide	Cer(d18:1/26:0)	1.41	0.88	2.27	1.55E-01	1.3E-03	1.16
380	lysophosphatidylcholine	LPC(18:0) [sn2]	0.64	0.34	1.18	1.59E-01	6.7E-01	0.99
381	lysophosphatidylethanolamine	LPE(18:0) [sn1]	0.70	0.43	1.15	1.62E-01	2.2E-01	0.95
382	phosphatidylcholine	PC(15-MHDA_22:6)	1.30	0.89	1.90	1.63E-01	2.2E-01	1.07
383	sphingomyelin	SM(d18:2/22:0)	1.48	0.85	2.56	1.64E-01	1.4E-04	1.16
384	triacylglycerol	TG(56:7) [NL-22:5](a)	1.19	0.93	1.52	1.66E-01	8.6E-01	0.98
385	triacylglycerol	TG(56:7) [NL-22:5](b)	1.19	0.93	1.53	1.66E-01	8.6E-01	0.98
386	phosphatidylglycerol	PG(36:1)	0.83	0.63	1.08	1.66E-01	1.5E-09	0.62
387	lysophosphatidylcholine	LPC(22:0) [sn2]	0.74	0.48	1.14	1.67E-01	1.4E-01	0.93
388	alkylphosphatidylcholine	PC(O-18:0/22:6)	1.44	0.86	2.43	1.69E-01	8.2E-03	1.11
389	alkenylphosphatidylethanolamine	PE(P-18:0/22:4)	1.24	0.91	1.68	1.72E-01	4.7E-03	1.21
390	alkenylphosphatidylethanolamine	PE(P-18:1/18:3)	0.85	0.67	1.07	1.72E-01	4.3E-01	0.93
391	sphingosine	Sph(d18:2)	1.54	0.83	2.85	1.73E-01	5.3E-03	1.11
392	alkylphosphatidylcholine	PC(O-16:0/20:3)	0.74	0.48	1.15	1.74E-01	1.5E-02	1.13
393	phosphatidylinositol	PI(15-MHDA_20:4)PI(17:0_2	0.73	0.47	1.14	1.77E-01	1.7E-03	0.87
394	lysophosphatidylcholine	LPC(19:0) [sn2] (a)	0.73	0.46	1.15	1.79E-01	3.2E-01	1.05
395	alkylphosphatidylcholine	PC(O-35:4)	0.82	0.62	1.09	1.79E-01	9.1E-01	1.01
396	ceramide	Cer(d16:1/16:0)	1.30	0.88	1.93	1.80E-01	2.0E-01	1.08
397	triacylglycerol	TG(56:6) [NL-22:5](b)	1.20	0.92	1.58	1.80E-01	8.1E-01	0.98
398	triacylglycerol	TG(56:6) [NL-22:5](a)	1.20	0.92	1.58	1.80E-01	8.1E-01	0.98
399	triacylglycerol	TG(56:8) [NL-20:5]	0.82	0.61	1.10	1.82E-01	7.8E-05	0.75
400	sphingomyelin	SM(d18:0/14:0)	1.45	0.84	2.49	1.85E-01	6.0E-03	1.12
401	lysophosphatidylcholine	LPC(15-MHDA) [sn1] [104_sn	1.24	0.90	1.70	1.89E-01	3.2E-03	1.20
402	ceramide	Cer(d18:1/24:0)	0.69	0.40	1.20	1.92E-01	3.8E-01	0.96
403	sphingomyelin	SM(d18:1/20:0)/SM(d16:1/2	1.60	0.78	3.29	1.94E-01	1.5E-04	1.12
404	triacylglycerol	TG(54:7) [SIM]	0.89	0.75	1.06	1.95E-01	7.2E-07	0.56
405	lysophosphatidylcholine	LPC(18:2) [sn1]	0.71	0.43	1.19	1.95E-01	4.8E-01	0.97
406	triacylglycerol	TG(54:5) [NL-18:3]	1.18	0.91	1.54	1.98E-01	9.9E-02	0.88
407	ceramide	Cer(d16:1/18:0)	1.20	0.90	1.61	2.01E-01	9.2E-02	1.13
408	phosphatidylinositol	PI(18:0_20:3) (a)	0.74	0.47	1.18	2.03E-01	5.7E-02	0.91
409	dihexosylceramide	Hex2Cer(d18:2/16:0)	1.34	0.85	2.11	2.03E-01	3.9E-07	1.27
410	alkylphosphatidylethanolamine	PE(O-18:1/22:6)	0.83	0.62	1.11	2.04E-01	2.6E-01	0.92
411	ceramide	Cer(d17:1/22:0)	1.29	0.87	1.91	2.08E-01	9.9E-01	1.00
412	alkenylphosphatidylcholine	PC(P-36:3)	0.66	0.35	1.26	2.10E-01	5.9E-03	1.10
413	lysophosphatidylethanolamine	LPE(18:2) [sn2]	0.84	0.64	1.10	2.10E-01	4.6E-02	0.86
414	lysophosphatidylethanolamine	LPE(18:2) [sn1]	0.83	0.62	1.11	2.11E-01	6.5E-02	0.87

415	cholesterol ester	CE(20:5)	0.83	0.61	1.12	2.11E-01	1.4E-01	1.11
416	phosphatidylcholine	PC(16:0_20:4)	1.45	0.81	2.61	2.12E-01	5.8E-03	1.12
417	alkenylphosphatidylethanolamine	PE(P-18:1/18:2) (b)	0.83	0.63	1.11	2.15E-01	8.1E-01	0.98
418	phosphatidylcholine	PC(16:0_18:2)	1.65	0.74	3.65	2.23E-01	1.9E-04	1.11
419	lysophosphatidylcholine	LPC(17:1) (a) [sn1] [104_sn1]	0.78	0.53	1.16	2.24E-01	7.5E-01	1.02
420	dihexosylceramide	Hex2Cer(d18:1/18:0)	1.30	0.85	2.00	2.25E-01	7.6E-04	1.18
421	diacylglycerol	DG(16:0_22:5)	0.86	0.67	1.10	2.27E-01	1.8E-06	0.67
422	lysophosphatidylcholine	LPC(18:0) [sn1]	0.62	0.29	1.34	2.29E-01	6.4E-01	0.99
423	phosphatidylinositol	PI(16:0_20:3) (a)	0.77	0.50	1.19	2.32E-01	1.4E-02	0.88
424	ceramide	Cer(d18:2/26:0)	1.20	0.89	1.63	2.32E-01	9.4E-02	1.13
425	diacylglycerol	DG(18:0_18:2)	0.83	0.62	1.12	2.33E-01	2.7E-07	0.69
426	lysophosphatidylcholine	LPC(22:0) [sn1]	0.77	0.50	1.19	2.35E-01	1.0E-01	0.92
427	phosphatidylethanolamine	PE(15-MHDA_18:2)	1.17	0.90	1.51	2.36E-01	5.6E-02	0.85
428	sphingosine-1-phosphate	S1P(d18:1)	1.43	0.79	2.58	2.37E-01	2.7E-03	1.14
429	lysophosphatidylethanolamine	LPE(18:1) [sn2]	0.82	0.60	1.14	2.37E-01	1.9E-02	0.85
430	triacylglycerol	TG(56:6) [SIM]	1.21	0.87	1.69	2.40E-01	6.9E-01	1.03
431	triacylglycerol	TG(50:3) [SIM]	0.81	0.56	1.16	2.41E-01	1.2E-07	0.76
432	desmosterol	DE(18:2)	0.86	0.67	1.11	2.42E-01	1.2E-01	1.14
433	lysophosphatidylcholine	LPC(24:0) [sn2]	0.76	0.48	1.21	2.43E-01	1.4E-01	0.93
434	triacylglycerol	TG(58:10) [SIM]	0.90	0.76	1.07	2.45E-01	1.0E-03	0.66
435	monohexosylceramide	HexCer(d18:2/24:0)	1.34	0.82	2.20	2.45E-01	3.7E-02	1.10
436	triacylglycerol	TG(50:2) [NL-16:1]	0.85	0.64	1.13	2.47E-01	1.7E-02	0.85
437	triacylglycerol	TG(51:1) [NL-17:0]	0.88	0.71	1.10	2.50E-01	1.9E-07	0.63
438	monohexosylceramide	HexCer(d18:1/22:0)	1.30	0.83	2.05	2.52E-01	1.5E-02	1.13
439	lysophosphatidylethanolamine	LPE(18:1) [sn1]	0.83	0.60	1.15	2.58E-01	3.9E-02	0.87
440	triacylglycerol	TG(56:9) [SIM]	0.90	0.74	1.08	2.58E-01	2.3E-05	0.62
441	lysalkylphosphatidylcholine	LPC(O-18:1)	1.21	0.88	1.66	2.59E-01	1.9E-03	1.20
442	phosphatidylethanolamine	PE(18:0_22:5) (n3)	0.86	0.66	1.12	2.61E-01	1.9E-05	0.71
443	lysophosphatidylcholine	LPC(15-MHDA) [sn2]	1.25	0.84	1.85	2.68E-01	1.7E-02	1.13
444	phosphatidylethanolamine	PE(16:1_20:4)	0.89	0.72	1.10	2.69E-01	2.1E-03	0.74
445	phosphatidylserine	PS(40:6)	1.35	0.79	2.31	2.70E-01	1.7E-01	1.06
446	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (a)	0.82	0.58	1.16	2.73E-01	9.3E-01	0.99
447	triacylglycerol	TG(54:5) [SIM]	1.22	0.85	1.75	2.74E-01	1.7E-01	0.93
448	phosphatidylcholine	PC(18:0_20:4)	1.34	0.79	2.29	2.74E-01	9.1E-02	1.07
449	alkenylphosphatidylcholine	PC(P-17:0/20:4) (a)	1.21	0.86	1.70	2.75E-01	7.1E-04	1.21
450	deoxyceramide	Cer(m18:1/18:0)	0.88	0.69	1.11	2.76E-01	5.5E-02	0.83
451	dihydroceramide	Cer(d18:0/22:0)	0.83	0.59	1.16	2.78E-01	4.9E-02	0.88
452	ceramide	Cer(d20:1/23:0)	1.25	0.83	1.89	2.81E-01	4.5E-02	1.12
453	phosphatidylethanolamine	PE(15-MHDA_18:1)	1.18	0.87	1.59	2.82E-01	2.3E-01	0.92
454	phosphatidylinositol	PI(18:0_22:6)	0.82	0.57	1.18	2.83E-01	4.8E-02	0.88
455	lysophosphatidylcholine	LPC(19:0) (a) [sn1] [104_sn1]	0.84	0.60	1.16	2.83E-01	3.2E-01	1.06
456	phosphatidylethanolamine	PE(38:5) (a)	1.15	0.89	1.50	2.83E-01	8.9E-02	0.87
457	lysophosphatidylcholine	LPC(20:2) [sn2]	0.72	0.39	1.32	2.83E-01	4.7E-01	1.03
458	alkenylphosphatidylethanolamine	PE(P-17:0/22:6) (a)	0.81	0.55	1.19	2.86E-01	6.8E-01	0.98
459	lysophosphatidylcholine	LPC(19:1) (b)	1.38	0.77	2.49	2.86E-01	8.8E-03	1.09
460	ceramide	Cer(d19:1/24:0)	1.17	0.88	1.57	2.87E-01	1.2E-02	1.20
461	triacylglycerol	TG(51:1) [SIM]	0.88	0.70	1.11	2.87E-01	2.5E-07	0.64
462	free fatty acid	FA(16:2)	1.13	0.90	1.42	2.89E-01	8.9E-01	1.01
463	ceramide	Cer(d16:1/20:0)	1.19	0.86	1.64	2.89E-01	9.9E-01	1.00
464	monoalkyldiacylglycerol	TG(O-54:4) [SIM]	0.80	0.53	1.22	2.90E-01	7.8E-07	0.78
465	phosphatidylcholine	PC(33:1)	0.71	0.38	1.35	2.92E-01	4.9E-01	0.97
466	phosphatidylethanolamine	PE(18:0_20:3) (a)	0.86	0.66	1.14	2.94E-01	5.4E-06	0.71
467	phosphatidylinositol	PI(38:6)	0.83	0.59	1.17	2.94E-01	4.8E-04	0.80
468	cholesterol ester	CE(20:4)	1.28	0.80	2.06	2.96E-01	1.7E-06	1.23
469	monoalkyldiacylglycerol	TG(O-50:1) [NL-18:1]	0.87	0.66	1.14	3.04E-01	3.5E-04	0.75
470	monoalkyldiacylglycerol	TG(O-50:1) [NL-15:0]	0.84	0.59	1.18	3.06E-01	2.9E-04	0.80
471	ceramide	Cer(d18:1/14:0)	1.27	0.80	2.00	3.08E-01	3.2E-01	1.05
472	ceramide	Cer(d20:1/22:0)	1.21	0.84	1.74	3.08E-01	9.0E-02	1.11
473	lysophosphatidylcholine	LPC(24:0) [sn1]	0.80	0.51	1.24	3.09E-01	3.0E-01	0.95
474	phosphatidylethanolamine	PE(16:0_22:6)	1.15	0.88	1.49	3.09E-01	2.8E-01	0.91
475	monoalkyldiacylglycerol	TG(O-52:2) [NL-17:1]	0.86	0.64	1.16	3.11E-01	2.5E-04	0.75
476	ceramide	Cer(d18:1/22:0)	1.34	0.76	2.33	3.13E-01	3.7E-01	1.04
477	alkenylphosphatidylcholine	PC(P-16:0/16:1)	1.34	0.76	2.34	3.13E-01	2.5E-06	1.20
478	phosphatidylethanolamine	PE(18:0_18:2)	0.84	0.60	1.18	3.17E-01	1.1E-06	0.74
479	triacylglycerol	TG(54:3) [NL-18:2]	1.16	0.87	1.56	3.19E-01	1.1E-01	0.90
480	sphingomyelin	SM(d17:1/14:0)	1.26	0.80	2.00	3.20E-01	2.5E-02	1.11
481	monoalkyldiacylglycerol	TG(O-50:1) [SIM]	0.82	0.56	1.22	3.22E-01	9.7E-04	0.82
482	alkylphosphatidylcholine	PC(O-32:2)	0.86	0.64	1.16	3.22E-01	1.5E-01	1.11
483	monoalkyldiacylglycerol	TG(O-52:1) [NL-18:1]	0.88	0.69	1.13	3.24E-01	4.4E-04	0.72
484	ubiquinone	Ubiquinone	0.82	0.55	1.22	3.25E-01	2.4E-01	1.07
485	phosphatidylcholine	PC(18:1_18:1)	1.42	0.71	2.87	3.25E-01	9.5E-03	1.09
486	ceramide	Cer(d18:2/24:0)	0.79	0.50	1.26	3.26E-01	4.8E-02	0.90
487	sphingomyelin	SM(d18:1/24:0)	0.75	0.42	1.33	3.27E-01	9.8E-02	1.07
488	phosphatidylcholine	PC(15:0_20:3)	0.79	0.49	1.26	3.28E-01	5.7E-01	0.98
489	monoalkyldiacylglycerol	TG(O-54:4) [NL-17:1]	1.20	0.84	1.72	3.28E-01	1.2E-01	0.91
490	phosphatidylcholine	PC(18:0_22:5) (n6)	1.13	0.87	1.47	3.35E-01	4.9E-01	1.06
491	phosphatidylinositol	PI(38:5) (a)	0.79	0.49	1.27	3.37E-01	2.8E-04	0.85
492	alkenylphosphatidylethanolamine	PE(P-19:0/20:4) (a)	0.89	0.70	1.13	3.37E-01	5.4E-01	1.05
493	phosphatidylcholine	PC(44:12)	0.92	0.77	1.09	3.38E-01	4.7E-01	0.92
494	ceramide	Cer(d16:1/23:0)	0.84	0.59	1.19	3.38E-01	1.6E-03	0.82
495	phosphatidylethanolamine	PE(18:0_22:4)	0.90	0.73	1.11	3.39E-01	7.2E-03	0.77
496	alkenylphosphatidylcholine	PC(P-16:0/22:6)	0.78	0.46	1.31	3.40E-01	8.1E-01	1.01
497	lysophosphatidylinositol	LPI(18:1) [sn2]	0.89	0.69	1.13	3.40E-01	3.6E-01	0.92
498	phosphatidylethanolamine	PE(17:0_22:6)	1.12	0.88	1.43	3.42E-01	1.2E-01	0.86

499	monoalkyl diacylglycerol	TG(O-50:2) [NL-18:2]	0.86	0.63	1.17	3.42E-01	4.7E-02	0.87
500	lysophosphatidylinositol	LPI(20:4) [sn1]	1.20	0.82	1.76	3.44E-01	2.4E-01	1.07
501	alkylphosphatidylethanolamine	PE(O-18:0/20:4)	0.88	0.68	1.15	3.51E-01	6.1E-01	0.96
502	diacylglycerol	DG(18:1_18:3)	1.15	0.86	1.53	3.54E-01	1.4E-04	0.75
503	cholesterol ester	CE(18:3)	0.86	0.63	1.18	3.56E-01	1.8E-03	1.23
504	lysophosphatidylcholine	LPC(17:1) [sn1] (a) / LPC(17:1)	0.78	0.46	1.33	3.60E-01	4.9E-01	1.03
505	monoalkyl diacylglycerol	TG(O-52:1) [SIM]	0.85	0.60	1.21	3.62E-01	5.9E-04	0.80
506	phosphatidylcholine	PC(20:0_20:4)	1.23	0.79	1.93	3.63E-01	4.5E-01	1.03
507	alkenylphosphatidylethanolamine	PE(P-18:0/18:3)	0.89	0.69	1.15	3.63E-01	7.3E-01	1.03
508	lysalkylphosphatidylcholine	LPC(O-18:0)	1.18	0.83	1.69	3.67E-01	1.5E-02	1.15
509	sphingomyelin	SM(d18:2/23:0)	1.33	0.71	2.47	3.71E-01	5.6E-04	1.12
510	sphingomyelin	SM(41:0)	0.75	0.39	1.42	3.71E-01	2.1E-01	1.04
511	triacylglycerol	TG(54:4) [NL-20:3]	0.87	0.64	1.19	3.72E-01	1.3E-04	0.77
512	phosphatidylethanolamine	PE(16:1_18:2)	0.89	0.70	1.15	3.73E-01	7.7E-04	0.76
513	lysophosphatidylcholine	LPC(19:0) [sn1] (b)	0.82	0.52	1.28	3.74E-01	9.0E-01	1.01
514	alkenylphosphatidylcholine	PC(P-16:0/14:0)	1.26	0.76	2.07	3.74E-01	3.2E-04	1.17
515	phosphatidylethanolamine	PE(20:0_20:4)	0.88	0.66	1.17	3.74E-01	9.7E-08	0.68
516	phosphatidylcholine	PC(38:2)	0.70	0.31	1.56	3.77E-01	6.0E-01	1.02
517	phosphatidylcholine	PC(17:1_18:2)	1.26	0.75	2.11	3.82E-01	5.2E-02	1.08
518	lysophosphatidylcholine	LPC(20:2) [sn1]	0.78	0.45	1.37	3.84E-01	7.2E-01	1.01
519	alkenylphosphatidylethanolamine	PE(P-18:1/18:1) (b)	0.88	0.65	1.18	3.90E-01	6.7E-02	1.14
520	cholesterol ester	CE(24:5)	1.14	0.84	1.55	3.96E-01	2.8E-01	1.08
521	phosphatidylcholine	PC(31:0) (b)	1.24	0.76	2.02	3.98E-01	1.0E-01	1.08
522	desmosterol	DE(18:1)	0.88	0.64	1.20	4.10E-01	1.4E-01	1.11
523	triacylglycerol	TG(56:7) [NL-20:5]	0.91	0.72	1.14	4.10E-01	1.7E-02	0.80
524	triacylglycerol	TG(58:10) [NL-22:6]	0.94	0.80	1.09	4.14E-01	8.8E-04	0.63
525	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (a)	0.89	0.68	1.17	4.14E-01	5.5E-01	0.95
526	triacylglycerol	TG(51:2) [NL-17:0]	0.90	0.69	1.17	4.20E-01	1.6E-04	0.76
527	triacylglycerol	TG(51:2) [NL-17:1]	0.90	0.69	1.17	4.20E-01	1.6E-04	0.76
528	lysalkenylphosphatidylethanolamine	LPE(P-20:0)	0.86	0.59	1.25	4.20E-01	3.7E-01	1.05
529	triacylglycerol	TG(52:5) [NL-18:3]	0.92	0.74	1.13	4.21E-01	3.8E-07	0.62
530	monoalkyl diacylglycerol	TG(O-52:2) [SIM]	0.86	0.58	1.26	4.24E-01	6.8E-04	0.82
531	monoalkyl diacylglycerol	TG(O-52:2) [NL-18:1]	0.88	0.65	1.20	4.27E-01	1.2E-03	0.79
532	phosphatidylcholine	PC(16:1_18:2)	0.82	0.50	1.34	4.27E-01	5.7E-01	0.97
533	lysophosphatidylinositol	LPI(18:0) [sn2]	0.95	0.82	1.09	4.33E-01	4.0E-01	1.13
534	phosphatidylinositol	PI(34:0)	0.90	0.70	1.17	4.34E-01	2.2E-01	0.90
535	alkenylphosphatidylethanolamine	PE(P-16:0/22:4)	1.13	0.83	1.54	4.36E-01	2.0E-02	1.16
536	lysophosphatidylcholine	LPC(15:0) [sn2]	0.83	0.51	1.34	4.43E-01	6.2E-01	0.98
537	phosphatidylcholine	PC(38:5) (b)	0.86	0.59	1.26	4.44E-01	3.9E-02	0.89
538	cholesterol ester	CE(20:2)	1.29	0.67	2.50	4.46E-01	3.4E-05	1.15
539	triacylglycerol	TG(50:3) [NL-16:1]	0.90	0.68	1.18	4.48E-01	4.8E-03	0.82
540	GM3 ganglioside	GM3(d18:1/20:0)	1.16	0.79	1.69	4.49E-01	3.1E-07	1.34
541	phosphatidylcholine	PC(17:0_22:6)	1.13	0.82	1.55	4.49E-01	7.0E-01	1.03
542	triacylglycerol	TG(54:2) [NL-20:1]	1.10	0.85	1.43	4.50E-01	1.4E-03	0.79
543	lysophosphatidylcholine	LPC(15-MHDA) [sn1] / LPC(17:1)	1.19	0.75	1.88	4.61E-01	1.6E-02	1.11
544	phosphatidylethanolamine	PE(18:1_22:6) (a)	1.08	0.88	1.31	4.63E-01	7.3E-02	0.82
545	monoalkyl diacylglycerol	TG(O-50:3) [SIM]	0.82	0.48	1.40	4.64E-01	6.7E-01	0.98
546	diacylglycerol	DG(16:0_18:1)	0.91	0.72	1.16	4.69E-01	6.5E-07	0.67
547	phosphatidylcholine	PC(18:0_22:4)	0.88	0.63	1.24	4.78E-01	4.0E-01	0.95
548	phosphatidylethanolamine	PE(18:0_20:4)	1.11	0.83	1.48	4.80E-01	5.1E-02	0.86
549	alkenylphosphatidylcholine	PC(P-16:0/18:3)	0.89	0.65	1.22	4.81E-01	4.8E-02	1.15
550	cholesterol ester	CE(18:0)	0.81	0.45	1.46	4.81E-01	4.6E-01	1.03
551	phosphatidylinositol	PI(18:0_22:5) (n6)	1.12	0.81	1.56	4.85E-01	8.7E-01	1.01
552	alkenylphosphatidylcholine	PC(P-18:0/22:6)	1.22	0.70	2.14	4.86E-01	5.7E-02	1.07
553	ceramide	Cer(d18:1/17:0)	1.14	0.78	1.67	4.88E-01	5.0E-03	1.17
554	alkenylphosphatidylethanolamine	PE(P-20:1/22:6)	1.11	0.83	1.48	4.88E-01	2.8E-01	1.08
555	sphingosine-1-phosphate	S1P(d18:0)	1.20	0.71	2.02	4.88E-01	8.4E-03	1.13
556	GM3 ganglioside	GM3(d18:1/22:0)	0.85	0.54	1.34	4.90E-01	1.2E-03	1.17
557	triacylglycerol	TG(50:4) [NL-14:0]	0.94	0.80	1.11	4.93E-01	9.9E-10	0.49
558	alkenylphosphatidylcholine	PC(P-18:0/18:2)	1.13	0.79	1.63	4.95E-01	2.3E-03	1.20
559	triacylglycerol	TG(54:6) [NL-20:4]	0.90	0.67	1.21	4.95E-01	2.3E-02	0.84
560	alkylphosphatidylcholine	PC(O-34:2)	0.89	0.63	1.25	4.95E-01	1.5E-02	1.16
561	phosphatidylcholine	PC(38:4) (b)	0.85	0.54	1.35	4.98E-01	4.0E-01	0.96
562	lysophosphatidylcholine	LPC(18:1) [sn2]	0.83	0.48	1.43	5.00E-01	5.5E-01	1.02
563	alkenylphosphatidylethanolamine	PE(P-18:1/22:5) (b)	1.10	0.83	1.45	5.00E-01	7.3E-02	1.15
564	alkylphosphatidylcholine	PC(O-18:0/18:2)	1.16	0.75	1.79	5.01E-01	4.6E-04	1.19
565	lysophosphatidylethanolamine	LPE(20:4) [sn2]	1.14	0.78	1.65	5.02E-01	7.1E-01	1.02
566	lysophosphatidylinositol	LPI(18:2) [sn2]	0.89	0.62	1.27	5.03E-01	5.6E-01	1.04
567	phosphatidylcholine	PC(18:1_18:2)	1.15	0.76	1.76	5.04E-01	6.8E-02	1.10
568	phosphatidylcholine	PC(33:2)	1.18	0.72	1.94	5.04E-01	2.7E-01	1.05
569	alkenylphosphatidylcholine	PC(P-38:5) (a)	1.21	0.69	2.12	5.06E-01	4.8E-04	1.15
570	alkylphosphatidylcholine	PC(O-18:1/18:2)	1.15	0.75	1.76	5.14E-01	4.8E-04	1.19
571	phosphatidylinositol	PI(17:0_18:1)	0.89	0.61	1.28	5.15E-01	7.2E-01	1.02
572	lysalkylphosphatidylcholine	LPC(O-20:1)	1.10	0.83	1.46	5.19E-01	1.0E-02	1.20
573	cholesterol ester	CE(22:6) [+OH]	0.96	0.85	1.09	5.19E-01	4.7E-01	1.13
574	lysalkenylphosphatidylcholine	LPC(P-17:0) (b)	0.90	0.66	1.23	5.21E-01	5.6E-02	1.13
575	phosphatidylinositol	PI(36:2)	1.14	0.77	1.68	5.23E-01	4.9E-01	0.96
576	phosphatidylethanolamine	PE(18:1_18:1)	0.93	0.74	1.17	5.32E-01	9.8E-06	0.66
577	cholesterol ester	CE(17:0)	1.19	0.68	2.08	5.33E-01	2.6E-03	1.12
578	GM3 ganglioside	GM3(d18:1/18:0)	1.14	0.76	1.70	5.34E-01	3.0E-04	1.20
579	alkenylphosphatidylcholine	PC(P-18:1/22:6)	1.15	0.75	1.76	5.34E-01	1.2E-02	1.13
580	alkylphosphatidylcholine	PC(O-16:0/22:6)	0.87	0.56	1.35	5.35E-01	7.2E-01	1.02
581	lysophosphatidylcholine	LPC(19:1) (c)	1.20	0.67	2.14	5.37E-01	8.9E-02	1.06
582	alkylphosphatidylcholine	PC(O-40:7) (b)	1.12	0.77	1.63	5.39E-01	3.6E-04	1.23

583	lysalkylphosphatidylcholine	LPC(O-24:2)	0.91	0.69	1.22	5.40E-01	2.7E-01	1.08
584	triacylglycerol	TG(56:8) [NL-22:6]	0.94	0.79	1.14	5.42E-01	1.9E-02	0.76
585	alkylphosphatidylcholine	PC(O-40:7) (a)	1.13	0.77	1.65	5.42E-01	1.6E-01	1.08
586	phosphatidylinositol	PI (38:5) (b)	1.14	0.74	1.76	5.47E-01	1.1E-01	0.92
587	diacylglycerol	DG(18:0_22:6)	1.12	0.78	1.60	5.49E-01	1.5E-03	1.21
588	alkenylphosphatidylcholine	PC(P-16:0/18:2)	0.83	0.45	1.52	5.50E-01	2.8E-03	1.12
589	dihydroceramide	Cer(d18:0/16:0)	1.17	0.70	1.97	5.50E-01	1.2E-01	1.07
590	lysoalkenylphosphatidylcholine	LPC(P-16:0)	0.86	0.53	1.41	5.51E-01	9.0E-02	1.07
591	cholesterol ester	CE(22:6)	1.08	0.84	1.38	5.52E-01	3.2E-04	1.36
592	alkylphosphatidylethanolamine	PE(O-16:0/22:4)	0.93	0.73	1.18	5.53E-01	2.5E-01	1.09
593	sphingomyelin	SM(d16:1/23:0)/SM(d17:1/2	1.20	0.65	2.20	5.60E-01	3.1E-02	1.08
594	triacylglycerol	TG(56:7) [NL-22:6]	0.93	0.71	1.20	5.61E-01	7.9E-02	0.87
595	monohexosylceramide	HexCer(d18:1/24:0)	1.15	0.72	1.84	5.63E-01	1.3E-01	1.08
596	lysalkylphosphatidylcholine	LPC(O-16:0)	0.88	0.56	1.37	5.65E-01	8.9E-02	1.08
597	lysophosphatidylcholine	LPC(15:0) [sn1]	0.86	0.51	1.44	5.66E-01	7.9E-01	0.99
598	lysophosphatidylinositol	LI(18:0) [sn1]	0.95	0.79	1.14	5.67E-01	2.5E-01	1.14
599	triacylglycerol	TG(50:3) [NL-18:2]	0.91	0.65	1.27	5.68E-01	4.6E-05	0.79
600	phosphatidylcholine	PC(38:5) (a)	1.17	0.68	2.03	5.68E-01	3.8E-01	1.04
601	lysophosphatidylcholine	LPC(22:5) [sn1] (n6)	1.10	0.79	1.54	5.68E-01	4.2E-01	1.05
602	ceramide	Cer(d17:1/23:0)	1.12	0.76	1.63	5.69E-01	3.6E-01	0.95
603	phosphatidylinositol	PI(18:0_20:4)	0.85	0.49	1.48	5.72E-01	4.3E-03	0.88
604	triacylglycerol	TG(50:3) [NL-14:0]	1.10	0.80	1.51	5.73E-01	2.4E-07	0.73
605	deoxyceramide	Cer(m18:1/24:1)	0.92	0.70	1.22	5.74E-01	4.0E-02	0.84
606	phosphatidylcholine	PC(16:0_16:0)	1.26	0.56	2.86	5.75E-01	2.3E-02	1.06
607	triacylglycerol	TG(50:3) [NL-14:1]	1.08	0.83	1.40	5.84E-01	2.0E-04	0.77
608	desmosterol	DE(22:6)	0.94	0.77	1.16	5.87E-01	1.3E-01	1.16
609	triacylglycerol	TG(56:9) [NL-22:6]	0.96	0.82	1.12	5.87E-01	4.3E-04	0.62
610	monoalkyldiacylglycerol	TG(O-54:3) [NL-17:1]	1.11	0.76	1.64	5.90E-01	3.6E-02	0.89
611	lysophosphatidylcholine	LPC(17:0) [sn1]	1.15	0.69	1.91	5.97E-01	2.7E-02	1.10
612	triacylglycerol	TG(50:2) [NL-18:1]	0.91	0.64	1.29	5.98E-01	2.3E-04	0.81
613	lysophosphatidylcholine	LPC(18:2) [+OH]	0.97	0.87	1.08	5.98E-01	3.1E-01	1.23
614	phosphatidylethanolamine	PE(16:0_18:1)	0.93	0.72	1.21	6.02E-01	2.3E-03	0.79
615	phosphatidylcholine	PC(17:0_18:1)	1.17	0.65	2.11	6.03E-01	2.9E-02	1.08
616	free fatty acid	FA(20:5)	0.90	0.59	1.36	6.04E-01	8.8E-01	1.01
617	ceramide	Cer(d18:2/22:0)	1.12	0.73	1.69	6.06E-01	2.4E-01	0.94
618	lysophosphatidylcholine	LPC(17:1) [sn1] (b)	0.84	0.43	1.63	6.06E-01	3.6E-01	1.03
619	dihydroceramide	Cer(d18:0/20:0)	1.09	0.79	1.51	6.07E-01	1.9E-01	1.09
620	phosphatidylinositol	PI(18:1_18:2)	1.09	0.79	1.48	6.08E-01	4.7E-01	0.95
621	diacylglycerol	DG(16:0_18:2)	0.93	0.69	1.24	6.11E-01	2.2E-06	0.72
622	diacylglycerol	DG(18:2_20:4)	1.04	0.91	1.18	6.11E-01	1.4E-02	0.65
623	phosphatidylglycerol	PG(34:1)	0.93	0.70	1.24	6.14E-01	3.4E-06	0.72
624	alkenylphosphatidylcholine	PC(P-18:0/20:4)	1.10	0.76	1.59	6.14E-01	9.7E-03	1.15
625	ceramide	Cer(d17:1/24:0)	0.90	0.59	1.37	6.17E-01	3.6E-01	0.95
626	phosphatidylethanolamine	PE(17:0_18:2)	1.09	0.77	1.56	6.23E-01	3.8E-03	0.84
627	triacylglycerol	TG(58:8) [SIM]	1.06	0.84	1.33	6.23E-01	7.6E-01	0.97
628	cholesterol ester	CE(18:2) [+OH]	0.96	0.80	1.14	6.25E-01	8.0E-02	1.24
629	sphingomyelin	SM(d18:2/14:0)	0.86	0.46	1.60	6.30E-01	2.1E-01	1.04
630	lysophosphatidylethanolamine	LE(20:4) [sn1]	1.09	0.76	1.56	6.33E-01	7.1E-01	1.02
631	cholesterol ester	CE(16:2)	0.91	0.63	1.33	6.33E-01	9.2E-04	1.23
632	cholesterol ester	CE(22:5) (n3)	1.10	0.73	1.67	6.35E-01	4.9E-04	1.19
633	lysoalkenylphosphatidylcholine	LPC(P-20:0)	1.08	0.78	1.51	6.37E-01	2.2E-02	1.16
634	triacylglycerol	TG(54:6) [NL-18:3]	1.04	0.89	1.22	6.37E-01	2.1E-03	0.68
635	diacylglycerol	DG(18:0_18:1)	0.94	0.72	1.22	6.38E-01	9.4E-06	0.71
636	monoalkyldiacylglycerol	TG(O-54:2) [NL-18:1]	0.93	0.69	1.26	6.39E-01	5.8E-03	0.81
637	alkenylphosphatidylcholine	PC(P-15:0/20:4) (b)	0.94	0.72	1.22	6.39E-01	3.7E-01	1.07
638	alkenylphosphatidylethanolamine	PE(P-20:0/18:1)	0.92	0.64	1.31	6.41E-01	1.1E-01	1.09
639	triacylglycerol	TG(54:6) [SIM]	0.95	0.75	1.20	6.41E-01	2.9E-04	0.74
640	phosphatidic acid	PA(36:2)	1.08	0.78	1.48	6.50E-01	7.7E-01	1.02
641	phosphatidylethanolamine	PE(18:1_18:2)	0.93	0.70	1.25	6.50E-01	1.1E-04	0.76
642	free fatty acid	FA(22:6)	1.06	0.82	1.38	6.57E-01	4.1E-01	1.06
643	dihydroceramide	Cer(d18:0/24:1)	1.08	0.77	1.50	6.60E-01	1.6E-01	1.10
644	phosphatidic acid	PA(36:3)	1.07	0.78	1.47	6.64E-01	2.6E-01	1.08
645	triacylglycerol	TG(56:8) [SIM]	0.96	0.79	1.16	6.66E-01	8.0E-03	0.74
646	triacylglycerol	TG(52:5) [SIM]	0.95	0.73	1.22	6.67E-01	1.3E-06	0.69
647	sphingomyelin	SM(d18:2/24:0)	1.14	0.63	2.06	6.68E-01	8.0E-04	1.13
648	phosphatidylcholine	PC(16:0_18:1)	1.25	0.45	3.46	6.71E-01	2.9E-02	1.05
649	alkenylphosphatidylethanolamine	PE(P-20:0/18:2)	0.92	0.63	1.34	6.72E-01	5.1E-01	1.04
650	triacylglycerol	TG(50:2) [NL-14:0]	1.07	0.79	1.45	6.73E-01	5.8E-04	0.80
651	phosphatidic acid	PA(40:6)	0.93	0.66	1.31	6.73E-01	6.1E-01	1.03
652	phosphatidylcholine	PC(16:0_18:0)	1.23	0.47	3.21	6.74E-01	2.0E-02	1.05
653	phosphatidylethanolamine	PE(38:5) (b)	0.95	0.73	1.23	6.77E-01	1.8E-04	0.74
654	triacylglycerol	TG(58:8) [NL-22:6]	1.03	0.89	1.20	6.78E-01	4.3E-01	0.89
655	ceramide	Cer(d16:1/22:0)	0.93	0.66	1.31	6.78E-01	2.6E-03	0.83
656	lysoalkylphosphatidylcholine	LPC(O-24:0)	0.88	0.50	1.58	6.80E-01	5.8E-01	1.02
657	monoalkyldiacylglycerol	TG(O-54:2) [SIM]	0.90	0.54	1.49	6.85E-01	5.8E-03	0.88
658	alkenylphosphatidylcholine	PC(P-15:0/20:4) (a)	0.96	0.80	1.16	6.85E-01	4.1E-01	0.91
659	sphingomyelin	SM(d18:1/23:0)/SM(d17:1/2	0.86	0.42	1.76	6.87E-01	3.9E-03	1.10
660	sulfatide	Sulfatide (d18:1/24:1(OH))	0.93	0.65	1.33	6.90E-01	7.4E-01	1.02
661	phosphatidic acid	PA(36:4)	0.94	0.68	1.29	6.93E-01	6.6E-01	1.03
662	alkenylphosphatidylethanolamine	PE(P-18:0/22:5) (n6)	1.06	0.78	1.44	6.93E-01	1.1E-01	1.12
663	sphingosine-1-phosphate	S1P(d16:1)	0.89	0.50	1.60	6.94E-01	7.9E-03	1.10
664	alkylphosphatidylcholine	PC(O-32:1)	0.88	0.47	1.66	6.95E-01	3.4E-02	1.07
665	phosphatidylcholine	PC(39:5)(b)	1.08	0.72	1.63	6.95E-01	7.7E-01	1.02
666	phosphatidylethanolamine	PE(16:0_20:4)	1.06	0.79	1.42	7.02E-01	2.1E-02	0.85

667	monoalkyl diacylglycerol	TG(O-50:2) [NL-16:1]	0.93	0.65	1.33	7.03E-01	4.9E-01	1.04
668	diacylglycerol	DG(16:1_18:1)	0.96	0.77	1.19	7.04E-01	1.2E-04	0.71
669	phosphatidylcholine	PC(16:1_22:6)	0.94	0.67	1.31	7.10E-01	1.3E-01	0.90
670	dihexosylceramide	Hex2Cer(d16:1/16:0)	1.07	0.74	1.56	7.12E-01	1.1E-03	1.21
671	lysophosphatidylethanolamine	LPE(17:0) [sn1]	0.92	0.59	1.43	7.13E-01	9.5E-02	1.09
672	monoalkyl diacylglycerol	TG(O-50:3) [NL-18:2]	0.93	0.61	1.40	7.13E-01	8.4E-01	1.01
673	alkenylphosphatidylethanolamine	PE(P-20:1/20:4)	1.05	0.82	1.34	7.16E-01	3.9E-01	1.07
674	cholesterol ester	CE(20:3)	1.09	0.69	1.71	7.19E-01	1.2E-04	1.21
675	phosphatidylinositol-1-phosphate	PIP1(38:4)	0.96	0.77	1.20	7.23E-01	5.0E-01	1.08
676	phosphatidylethanolamine	PE(18:0_22:5) (n6)	1.04	0.84	1.28	7.24E-01	9.8E-02	0.84
677	diacylglycerol	DG(18:1_20:4)	1.06	0.76	1.47	7.25E-01	4.2E-03	0.80
678	phosphatidylethanolamine	PE(16:0_18:3) (a)	0.96	0.74	1.24	7.29E-01	2.1E-03	0.78
679	monoalkyl diacylglycerol	TG(O-50:2) [SIM]	0.92	0.56	1.50	7.30E-01	2.0E-01	0.95
680	diacylglycerol	DG(18:2_22:6)	1.02	0.89	1.18	7.31E-01	9.0E-02	0.76
681	phosphatidylcholine	PC(38:7)(c)	1.06	0.75	1.52	7.32E-01	3.5E-01	0.94
682	lysophosphatidylcholine	LPC(22:6) [+OH]	0.98	0.87	1.10	7.33E-01	9.9E-02	1.33
683	triacylglycerol	TG(56:7) [SIM]	1.05	0.80	1.36	7.33E-01	3.6E-01	0.93
684	alkenylphosphatidylcholine	PC(P-16:0/20:4)	0.93	0.59	1.45	7.35E-01	5.9E-02	1.09
685	phosphatidylethanolamine	PE(17:0_18:1)	1.05	0.79	1.39	7.42E-01	4.5E-03	0.81
686	lysophosphatidylcholine	LPC(22:4) [sn2]	0.95	0.67	1.33	7.48E-01	8.2E-01	1.01
687	monohexosylceramide	HexCer(d16:1/22:0)	0.94	0.64	1.38	7.52E-01	5.1E-01	1.04
688	phosphatidylcholine	PC(15:0_22:6)	0.94	0.66	1.35	7.53E-01	1.5E-01	0.91
689	alkenylphosphatidylethanolamine	PE(P-20:0/20:4)	0.95	0.69	1.31	7.55E-01	7.4E-01	1.02
690	alkenylphosphatidylcholine	PC(P-17:0/20:4) (b)	0.96	0.75	1.24	7.58E-01	2.3E-03	1.28
691	alkenylphosphatidylethanolamine	PE(P-20:0/22:6)	1.05	0.75	1.47	7.59E-01	7.2E-01	1.02
692	ceramide	Cer(d20:1/24:0)	1.07	0.71	1.61	7.60E-01	6.8E-01	1.02
693	lysoalkenylphosphatidylcholine	LPC(P-17:0) (a)	1.06	0.74	1.51	7.62E-01	2.4E-02	1.14
694	lysophosphatidylcholine	LPC(19:0) [sn1] (a) / LPC(19:0)	0.93	0.55	1.56	7.71E-01	5.5E-01	1.03
695	triacylglycerol	TG(58:9) [SIM]	0.97	0.80	1.18	7.73E-01	5.8E-02	0.81
696	lysophosphatidylinositol	LPI(20:4) [sn2]	0.94	0.62	1.43	7.80E-01	8.2E-01	1.01
697	lysophosphatidylethanolamine	LPE(22:6) [sn2]	1.05	0.77	1.43	7.80E-01	9.1E-01	0.99
698	phosphatidylcholine	PC(16:0_22:6)	0.94	0.61	1.44	7.83E-01	7.5E-01	0.98
699	cholesterol ester	CE(22:1)	1.04	0.77	1.42	7.86E-01	4.4E-02	1.15
700	sulfatide	Sulfatide (d18:1-/16:0)	1.06	0.69	1.62	7.90E-01	9.7E-01	1.00
701	lysophosphatidylcholine	LPC(22:6) [sn2]	0.95	0.66	1.37	7.90E-01	3.9E-01	0.95
702	desmosterol	DE(20:4)	0.97	0.76	1.23	7.90E-01	2.9E-02	1.20
703	lysophosphatidylcholine	LPC(22:4) [sn1]	0.96	0.70	1.32	7.94E-01	5.5E-01	1.04
704	sphingosine-1-phosphate	S1P(d18:2)	0.92	0.48	1.74	7.96E-01	2.1E-03	1.12
705	alkenylphosphatidylcholine	PC(P-35:2)(b)	0.98	0.84	1.15	7.98E-01	1.7E-03	1.52
706	phosphatidylserine	PS(40:5)	1.09	0.54	2.20	8.02E-01	1.5E-01	1.04
707	triacylglycerol	TG(54:5) [NL-20:4]	0.96	0.68	1.35	8.02E-01	1.0E-01	0.89
708	sulfatide	Sulfatide (d18:1-/24:0)	0.97	0.77	1.22	8.02E-01	4.2E-01	0.93
709	alkenylphosphatidylcholine	PC(P-38:5) (b)	1.04	0.73	1.49	8.08E-01	2.2E-02	1.14
710	monohexosylceramide	HexCer(d16:1/24:0)	0.95	0.64	1.42	8.12E-01	7.6E-01	1.02
711	phosphatidylcholine	PC(39:5)(a)	1.04	0.76	1.42	8.17E-01	9.1E-01	1.01
712	lysophosphatidylcholine	LPC(22:6) [sn1]	0.96	0.69	1.35	8.22E-01	5.3E-01	0.96
713	triacylglycerol	TG(52:4) [NL-18:3]	0.96	0.65	1.41	8.25E-01	5.4E-06	0.79
714	desmosterol	DE(16:0)	0.97	0.77	1.23	8.25E-01	8.0E-02	1.17
715	lysophosphatidylcholine	LPC(18:1) [sn1]	0.94	0.52	1.68	8.26E-01	2.1E-01	1.05
716	cholesterol ester	CE(20:4) [+OH]	0.98	0.81	1.19	8.26E-01	6.0E-02	1.23
717	phosphatidylethanolamine	PE(16:0_16:0)	0.97	0.73	1.29	8.27E-01	2.3E-05	0.75
718	cholesterol ester	CE(18:1)	1.10	0.45	2.73	8.29E-01	1.0E-04	1.10
719	phosphatidylcholine	PC(15:0_20:4)	1.04	0.72	1.51	8.32E-01	9.7E-01	1.00
720	lysoalkenylphosphatidylcholine	LPC(P-18:1)	1.04	0.74	1.45	8.40E-01	1.1E-02	1.17
721	lysophosphatidylcholine	LPC(20:0) [sn1]	0.96	0.62	1.48	8.41E-01	8.1E-01	0.99
722	cholesterol ester	CE(24:1)	1.03	0.73	1.46	8.45E-01	1.0E-02	1.16
723	triacylglycerol	TG(53:2) [NL-17:1]	1.02	0.82	1.27	8.46E-01	3.3E-04	0.71
724	diacylglycerol	DG(18:0_20:4)	0.97	0.67	1.38	8.49E-01	5.7E-03	0.83
725	triacylglycerol	TG(54:2) [SIM]	1.03	0.78	1.34	8.50E-01	1.7E-04	0.75
726	alkenylphosphatidylcholine	PC(P-35:2)(a)	0.97	0.69	1.36	8.54E-01	1.3E-02	1.16
727	diacylglycerol	DG(18:1_22:6)	1.02	0.83	1.24	8.55E-01	3.0E-02	0.78
728	phosphatidylinositol	PI(18:0_20:2)	0.96	0.65	1.44	8.58E-01	4.2E-01	0.96
729	diacylglycerol	DG(18:1_20:3)	1.02	0.81	1.30	8.60E-01	1.3E-03	0.75
730	phosphatidylethanolamine	PE(16:0_20:3)	1.03	0.75	1.42	8.61E-01	2.4E-03	0.82
731	monoalkyl diacylglycerol	TG(O-54:2) [NL-17:1]	1.04	0.65	1.67	8.67E-01	6.8E-02	0.92
732	phosphatidylethanolamine	PE(16:0_18:2)	0.97	0.67	1.40	8.74E-01	3.7E-04	0.81
733	phosphatidylinositol	PI(39:6)	1.02	0.79	1.32	8.76E-01	3.5E-02	0.84
734	ceramide	Cer(d18:1/23:0)	1.05	0.56	1.97	8.83E-01	7.7E-01	0.99
735	phosphatidylcholine	PC(33:0) (a)	0.96	0.57	1.62	8.85E-01	5.3E-01	1.03
736	lysophosphatidylcholine	LPC(20:4) [+OH]	1.01	0.93	1.09	8.86E-01	5.6E-02	1.60
737	lysophosphatidylcholine	LPC(20:4) [sn1]	1.03	0.66	1.61	8.87E-01	3.9E-01	1.04
738	phosphatidic acid	PA(36:1)	1.03	0.72	1.47	8.91E-01	4.9E-01	1.05
739	monoalkyl diacylglycerol	TG(O-54:3) [NL-18:1]	1.03	0.71	1.47	8.92E-01	5.9E-03	0.84
740	triacylglycerol	TG(51:2) [SIM]	0.98	0.73	1.31	8.95E-01	3.2E-04	0.79
741	alkylphosphatidylcholine	PC(O-16:0/20:4)	0.97	0.60	1.56	8.95E-01	8.2E-02	1.08
742	monohexosylceramide	HexCer(d16:1/20:0)	0.98	0.70	1.36	8.97E-01	7.7E-02	1.12
743	lysophosphatidylcholine	LPC(20:0) [sn2]	0.97	0.64	1.49	9.04E-01	4.8E-01	0.96
744	ceramide	Cer(d18:2/23:0)	0.97	0.64	1.50	9.07E-01	6.1E-02	0.90
745	lysophosphatidylcholine	LPC(20:4) [sn2]	1.03	0.64	1.65	9.10E-01	3.0E-01	1.05
746	lysoalkylphosphatidylcholine	LPC(O-22:0)	0.97	0.60	1.58	9.11E-01	3.3E-01	1.04
747	lysoalkenylphosphatidylcholine	LPC(P-18:0)	0.98	0.69	1.40	9.19E-01	3.0E-02	1.14
748	lysoalkylphosphatidylcholine	LPC(O-20:0)	0.98	0.68	1.42	9.20E-01	1.8E-01	1.08
749	monohexosylceramide	HexCer(d16:1/18:0)	0.99	0.73	1.32	9.21E-01	2.0E-01	1.10
750	triacylglycerol	TG(58:9) [NL-22:6]	0.99	0.83	1.18	9.25E-01	9.6E-02	0.81

751	lysophosphatidylethanolamine	LPE(22:6) [sn1]	1.01	0.75	1.37	9.32E-01	7.2E-01	0.97
752	phosphatidylinositol	PI(17:0_18:2)	0.98	0.66	1.46	9.40E-01	9.7E-02	0.92
753	phosphatidic acid	PA(34:1)	1.01	0.72	1.43	9.42E-01	3.7E-01	1.06
754	phosphatidylcholine	PC(18:0_18:2)	1.03	0.42	2.52	9.45E-01	4.9E-02	1.05
755	phosphatidylcholine	PC(18:0_22:6)	0.99	0.70	1.40	9.47E-01	2.3E-01	0.93
756	alkenylphosphatidylethanolamine	PE(P-18:1/22:6) (b)	0.99	0.75	1.32	9.49E-01	9.4E-01	0.99
757	phosphatidylethanolamine	PE(18:0_20:3) (b)	0.99	0.77	1.28	9.50E-01	6.8E-01	0.97
758	phosphatidylcholine	PC(18:1_20:3)	0.99	0.72	1.37	9.52E-01	3.6E-01	0.94
759	lysophosphatidylcholine	LPC(19:1) (a)	1.02	0.62	1.67	9.52E-01	2.5E-02	1.10
760	phosphatidylethanolamine	PE(18:0_22:6)	0.99	0.76	1.29	9.63E-01	1.6E-02	0.80
761	dihydroceramide	Cer(d18:0/18:0)	1.00	0.82	1.21	9.64E-01	1.1E-03	1.42
762	triacylglycerol	TG(54:2) [NL-18:0]	0.99	0.79	1.25	9.66E-01	2.0E-04	0.72
763	lysoalkylphosphatidylcholine	LPC(O-22:1)	1.01	0.72	1.40	9.67E-01	2.3E-02	1.15
764	lysophosphatidylethanolamine	LPE(17:0) [sn2]	1.01	0.59	1.73	9.69E-01	1.4E-01	1.06
765	cholesterol ester	CE(17:1)	1.01	0.70	1.45	9.74E-01	1.3E-06	1.32
766	sphingomyelin	SM(d18:1/22:0)/SM(d16:1/2)	1.01	0.41	2.52	9.76E-01	4.3E-03	1.08
767	lysoalkylphosphatidylcholine	LPC(O-24:1)	0.99	0.67	1.48	9.78E-01	3.5E-02	1.12
768	phosphatidylglycerol	PG(36:2)	1.00	0.74	1.34	9.85E-01	3.3E-06	0.73
769	alkenylphosphatidylethanolamine	PE(P-16:0/22:5) (n6)	1.00	0.72	1.39	9.95E-01	3.5E-01	1.06
770	triacylglycerol	TG(56:8) [NL-20:4]	1.00	0.84	1.20	9.97E-01	1.9E-02	0.76
771	lysophosphatidylinositol	LPI(18:2) [sn1]	1.00	0.74	1.34	9.98E-01	5.9E-01	1.04
772	sulfatide	Sulfatide (d18:1/16:0(OH))	1.00	0.70	1.42	9.99E-01	4.9E-02	1.12

abbreviation	definition
AC	acylcarnitine
CE	cholesterol ester
Cer(dx:x/xx:x)	ceramide
Cer(dx:0/xx:x)	dihydroceramide
Cer(mx:x/xx:x)	deoxyceramide
Cer(mx:0/xx:x)	deoxydihydroceramide
COH	cholesterol
DE	desmosterol
DG	diacylglycerol
FA	free fatty acid
GM1	GM1 ganglioside
GM3	GM3 ganglioside
Hex1Cer	monohexosylceramide
Hex2Cer	dihexosylceramide
Hex3Cer	trihexosylceramide
LPC	lysophosphatidylcholine
LPC(O)	lysoalkylphosphatidylcholine
LPC(P)	lysoalkenylphosphatidylcholine
LPE	lysophosphatidylethanolamine
LPE(P)	lysoalkenylphosphatidylethanolamine
LPI	lysophosphatidylinositol
PA	phosphatidic acid
PC	phosphatidylcholine
PC(O)	alkylphosphatidylcholine
PC(P)	alkenylphosphatidylcholine
PE	phosphatidylethanolamine
PE(O)	alkylphosphatidylethanolamine
PE(P)	alkenylphosphatidylethanolamine
PG	phosphatidylglycerol
PI	phosphatidylinositol
PIP	phosphatidylinositol phosphate
PS	phosphatidylserine
S1P	sphingosine-1-phosphate
SM	sphingomyelin
Sph	sphingosine
TG	triacylglycerol
TG(O)	monoalkyl diacylglycerol
[+OH]	oxidised species
SIM	single ion monitoring method
NL	neutral loss method