

Table SI. Metabolite multiple reaction monitoring transition.

Number	ID	Q1 Mass (m/z)	Q3 Mass (m/z)	DP (V)	CE (V)
1	lysoPC a C9:0	398.2	184	76	30
2	lysoPC a C14:0	468.3	184	79	30
3	lysoPC a C16:1	494.3	184	79	30
4	lysoPC a C16:0	496.3	184	81	31
5	lysoPC a C17:0	510.3	184	82	31
6	lysoPC a C18:2	520.3	184	82	31
7	lysoPC a C18:1	522.3	184	82	31
8	lysoPC a C18:0	524.3	184	85	31
9	lysoPC a C20:4	544.3	184	85	31
10	lysoPC a C20:3	546.3	184	87	31
11	SM C6:0	563.4	184	94	32
12	lysoPC a C24:0	608.4	184	96	33
13	PC aa C24:0	622.4	184	98	33
14	lysoPC a C26:1	634.4	184	98	33
15	lysoPC a C26:0	636.5	184	101	34
16	PC aa C26:0	650.5	184	103	35
17	lysoPC a C28:1	662.5	184	103	35
18	lysoPC a C28:0	664.5	184	105	35
19	PC aa C28:1	676.5	184	106	35
20	PC aa C28:0	678.5	184	108	36
21	PC ae C30:2	688.5	184	108	36
22	SM (OH) C14:1	689.6	184	108	36
23	PC ae C30:1	690.5	184	109	36
24	PC ae C30:0	692.6	184	111	37
25	SM C16:1	701.6	184	111	37
26	PC aa C30:2	702.5	184	111	37
27	SM C16:0	703.6	184	112	37
28	PC aa C30:0	706.5	184	114	37
29	PC ae C32:2	716.6	184	114	37
30	SM (OH) C16:1	717.6	184	114	38
31	PC ae C32:1	718.6	184	115	38
32	PC aa C32:3	728.5	184	117	38
33	SM C18:1	729.6	184	117	38
34	PC aa C32:2	730.5	184	117	38
35	SM C18:0	731.6	184	117	38
36	PC aa C32:1	732.6	184	118	39
37	PC aa C32:0	734.6	184	119	39
38	PC ae C34:3	742.6	184	120	39
39	PC ae C34:2	744.6	184	120	39
40	PC ae C34:1	746.6	184	121	39
41	PC ae C34:0	748.6	184	122	40
42	PC aa C34:4	754.5	184	122	40
43	SM C20:2	755.6	184	123	40
44	PC aa C34:3	756.6	184	123	40
45	PC aa C34:2	758.6	184	123	40
46	PC aa C34:1	760.6	184	125	41
47	PC ae C36:5	766.6	184	125	41
48	PC ae C36:4	768.6	184	126	41
49	PC ae C36:3	770.6	184	126	41
50	PC ae C36:2	772.6	184	127	41
51	PC ae C36:1	774.6	184	127	41
52	PC ae C36:0	776.7	184	128	42
53	PC aa C36:6	778.5	184	128	42
54	PC aa C36:5	780.6	184	128	42
55	SM C22:3	781.6	184	129	42
56	PC aa C36:4	782.6	184	129	42
57	PC aa C36:3	784.6	184	130	42
58	PC aa C36:2	786.6	184	130	42

Table SI. Continued.

Number	ID	Q1 Mass (m/z)	Q3 Mass (m/z)	DP (V)	CE (V)
59	PC aa C36:1	788.6	184	131	43
60	PC aa C36:0	790.6	184	131	43
61	PC ae C38:6	792.6	184	132	43
62	PC ae C38:5	794.6	184	132	43
63	PC ae C38:4	796.6	184	133	43
64	PC ae C38:3	798.6	184	133	43
65	SM (OH) C22:2	799.7	184	133	43
66	PC ae C38:2	800.7	184	133	43
67	SM (OH) C22:1	801.7	184	134	43
68	PC ae C38:1	802.7	184	134	44
69	PC ae C38:0	804.7	184	135	44
70	PC aa C38:6	806.6	184	135	44
71	PC aa C38:5	808.6	184	136	44
72	PC aa C38:4	810.6	184	136	44
73	PC aa C38:3	812.6	184	136	44
74	SM C24:1	813.7	184	137	45
75	SM C24:0	815.7	184	137	45
76	PC aa C38:1	816.7	184	138	45
77	PC aa C38:0	818.7	184	138	45
78	PC ae C40:6	820.6	184	139	45
79	PC ae C40:5	822.6	184	139	45
80	PC ae C40:4	824.7	184	140	45
81	PC ae C40:3	826.7	184	140	46
82	PC ae C40:2	828.7	184	141	46
83	SM (OH) C24:1	829.7	184	141	46
84	PC ae C40:1	830.7	184	141	46
85	PC aa C40:6	834.6	184	143	46
86	PC aa C40:5	836.6	184	143	47
87	PC aa C40:4	838.6	184	144	47
88	PC aa C40:3	840.7	184	144	47
89	SM C26:1	841.7	184	144	47
90	PC aa C40:2	842.7	184	144	47
91	SM C26:0	843.7	184	145	47
92	PC aa C40:1	844.7	184	145	47
93	PC aa C40:0	846.7	184	146	48
94	PC ae C42:5	850.7	184	147	48
95	PC ae C42:4	852.7	184	148	48
96	PC ae C42:3	854.7	184	148	48
97	PC ae C42:2	856.7	184	149	48
98	PC ae C42:1	858.7	184	141	46
99	PC ae C42:0	860.8	184	150	49
100	PC aa C42:6	862.6	184	150	49
101	PC aa C42:5	864.7	184	151	49
102	PC aa C42:4	866.7	184	152	50
103	PC aa C42:2	870.7	184	153	50
104	PC aa C42:1	872.7	184	153	50
105	PC aa C42:0	874.7	184	154	50
106	PC ae C44:6	876.7	184	154	50
107	PC ae C44:5	878.7	184	155	51
108	PC ae C44:4	880.7	184	156	51
109	PC ae C44:3	882.7	184	156	51
110	C0	162.1	85.1	61	27
111	D3-C0	165.1	85.1	61	27
112	C2	204.1	85.1	140	27
113	D3-C2	207.1	85.1	140	27
114	C3:1	216.1	85.1	140	27
114	C3:1	216.1	85.1	140	27
115	C3	218.1	85.1	140	29

Table SI. Continued.

Number	ID	Q1 Mass (m/z)	Q3 Mass (m/z)	DP (V)	CE (V)
116	C4:1	230.1	85.1	140	29
117	C4	232.2	85.1	140	29
118	D3-C4	235.2	85.1	140	29
119	C3-OH	234.1	85.1	140	30
120	C5:1	244.2	85.1	140	31
121	C5	246.2	85.1	140	29
122	D9-C5	255.2	85.1	140	29
123	C3-DC (C4-OH)	248.1	85.1	140	32
124	C6:1	258.2	85.1	140	33
125	C6 (C4:1-DC)	260.2	85.1	140	27
126	D3-C6	263.2	85.1	140	27
127	C5-OH (C3-DC-M)	262.2	85.1	140	33
128	C5:1-DC	274.1	85.1	60	35
129	C5-DC (C6-OH)	276.2	85.1	61	35
130	C8	288.2	85.1	66	33
131	D3-C8	291.2	85.1	66	33
132	C9	302.2	85.1	66	39
133	C7-DC	304.2	85.1	66	39
134	C10:2	312.2	85.1	67	40
135	C10:1	314.2	85.1	68	40
136	C10	316.2	85.1	140	37
137	D3-C10	319.3	85.1	140	37
138	C12:1	342.3	85.1	73	44
139	C12	344.3	85.1	73	44
140	C14:2	368.3	85.1	78	47
141	C14:1	370.3	85.1	78	47
142	C14	372.3	85.1	86	45
143	C12-DC	374.3	85.1	86	45
144	C14:2-OH	384.3	85.1	81	49
145	C14:1-OH	386.3	85.1	81	50
146	C16:2	396.3	85.1	83	51
147	C16:1	398.3	85.1	84	51
148	C16	400.3	85.1	84	51
149	D3-C16	403.3	85.1	84	51
150	C16:2-OH	412.3	85.1	86	53
151	C16:1-OH	414.3	85.1	87	53
152	C16-OH	416.3	85.1	87	53
153	C18:2	424.3	85.1	89	54
154	C18:1	426.4	85.1	89	55
155	C18	428.4	85.1	96	63
156	D3-C18	431.4	85.1	96	63
157	C18:1-OH	442.4	85.1	92	57
158	C5-M-DC	290.2	85.1	63	37
159	H1	198.17	180	140	9
160	13C6-Gluc	204.13	186.19	140	9