

Metabolites	HMDB ID
Tryptophan 2-C-mannoside	HMDB0240296
Beta-Leucine	HMDB0003640
BABA	HMDB0031654
DABA	HMDB0006284
L-3-Hydroxykynurenine	HMDB0011631
Formiminoglutamic acid	HMDB0000854
Dopaquinone	HMDB0001229
Trimethyllysine	HMDB0001325
3-Methoxytyrosine	HMDB0001434
L-Allothreonine	HMDB0004041
S-adenosylhomocysteine	HMDB0000939
Methyldopa	HMDB0011754
3-Chlorotyrosine	HMDB0001885
Diphenylalanine	HMDB0013302
S-Phenylmercapturic Acid	HMDB0042011
alanine betaine	HMDB0240479
phenylalanine betaine	HMDB0240552
valine betaine	HMDB0240571
5-Hydroxy-L-tryptophan	HMDB0000472
N'-Formylkynurenine	HMDB0001200
5-Hydroxykynurenamine	HMDB0004076
5-Hydroxy-N-formylkynurenine	HMDB0004086
5-Hydroxykynurenine	HMDB0012819
Formyl-5-hydroxykynurenamine	HMDB0012948
L-2-Amino-3-oxobutanoic acid	HMDB0006454
Argininosuccinate	HMDB0000052
Pyridinolone	HMDB0000851
Suberylglycine	HMDB0000953
S-methylmethionine	HMDB0038670
proline betaine (ProB)	HMDB0004827
3-Hydroxyhippuric acid	HMDB0006116
alpha-Aminoadipic acid	HMDB0000510
3-Nitrotyrosine	HMDB0001904
Alanine	HMDB0000161
Asparagine	HMDB0000168
Aspartic acid	HMDB0000191
Asymmetric dimethylarginine	HMDB0001539
beta-Alanine	HMDB0000056
Betaine	HMDB0000043
cis-4-Hydroxyproline	HMDB0240251
Citrulline	HMDB0000904
Gamma-Aminobutyric acid	HMDB0000112
Glutamic acid	HMDB0000148
Glycine	HMDB0000123
Histidine	HMDB0000177
Homocysteine	HMDB0000742
Homoarginine	HMDB0000670
Isoleucine	HMDB0000172

alpha-Aminobutyric acid	HMDB0000452
Arginine	HMDB0000517
Cystathionine	HMDB0000099
Leucine	HMDB0000687
Glutamine	HMDB0000641
Lysine	HMDB0000182
Methionine	HMDB0000696
Methionine sulfoxide	HMDB0002005
Methylhistidine	HMDB0000001+HMDB0000479
N2-Acetyl-Ornithine	HMDB0003357
Ornithine	HMDB0000214
Phenylalanine	HMDB0000159
Proline	HMDB0000162
Sarcosine	HMDB0000271
Serine	HMDB0000187
Symmetric dimethylarginine	HMDB0003334
Threonine	HMDB0000167
trans-4-Hydroxyproline	HMDB0000725
Tyrosine	HMDB0000158
Valine	HMDB0000883
Homocitrulline	HMDB0000679
3-Aminoisobutyric acid	HMDB0003911
4-Hydroxyhippuric acid	HMDB0013678
4-Hydroxyphenylacetic acid	HMDB0000020
5-Aminolevulinic Acid	HMDB0001149
5-Oxoproline	HMDB0000267
Dimethylglycine	HMDB0000092
N1-Acetyl-Lysine	HMDB0000446
N6-Acetyl-Lysine	HMDB0000206
N-Acetyl-Glycine	HMDB0000532
N-Acetyl-Alanine	HMDB0000766
N-Acetyl-Arginine	HMDB0004620
N-Acetyl-Asparagine	HMDB0006028
N-Acetyl-Aspartic acid	HMDB0000812
N-Acetyl-Glutamic acid	HMDB0001138
N-Acetyl-Glutamine	HMDB0006029
N-Acetyl-Histidine	HMDB0032055
N-Acetyl-Isoleucine	HMDB0061684
N-Acetyl-Leucine	HMDB0011756
N-Acetyl-Methionine	HMDB0011745
N-Acetyl-Serine	HMDB0002931
N-Acetyl-Tyrosine	HMDB0000866
N-Acetyl-Valine	HMDB0011757
N-Acetyl-proline	HMDB0094701
N-Methyl-Aspartic acid	HMDB0002393
Phenylacetylglutamine	HMDB0006344
Pipecolic acid	HMDB0000070
Tiglylglycine	HMDB0000959
Aminopimelic acid	HMDB0034252

Ureidopropionic acid	HMDB0000026
3-Hydroxyadipic acid	HMDB0000345
pentosidine	HMDB0003933
Imidazoleacetic acid	HMDB0002024
3-Hydroxyanthranilic acid	HMDB0001476
Urocanic acid	HMDB0000301
Nonate	HMDB0011717
Erythronic acid	HMDB0000613
Suberic acid	HMDB0000893
Hydrocinnamic acid	HMDB0000764
3-Phosphoglyceric acid	HMDB0000807
Methylimidazoleacetic acid	HMDB0002820
4,6-Dihydroxyquinoline	HMDB0004077
6-Hydroxynicotinic acid	HMDB0002658
N-Acetylneuraminic Acid	HMDB0000230
4-Hydroxyphenyllactic acid	HMDB0000755
2-hydroxyhippuric acid (2-HHA)/o	HMDB0000840
4-Acetamidobutanoate	HMDB0003681
Glycolic acid	HMDB0000115
2-Methyl-3-hydroxybutyric acid	HMDB0000354
3-(3-hydroxyphenyl)propionic acid	HMDB0000375
2-Methylcitric acid	HMDB0000379
2-Methylglutaric acid	HMDB0000422
Citramalic acid	HMDB0000426
3-Hydroxyglutaric acid	HMDB0000428
Adenylsuccinic acid	HMDB0000536
Glutaconic Acid	HMDB0000620
Mandelic acid	HMDB0000703
4-Hydroxybutyric acid	HMDB0000710
2-Aminobenzoic acid	HMDB0001123
Methylsuccinic acid	HMDB0001844
Cinnavalinate	HMDB0004078
2-Phenylpropionate	HMDB0011743
4-O-methylgallic acid	HMDB0013198
monobutyl-phthalate (MBuP)	HMDB0013247
2-Methyladipic acid	HMDB0029167
Tricarballylic acid	HMDB0031193
3-(2-hydroxyphenyl)propionic acid	HMDB0033752
ferulic acid 4-glucuronide (FA-G)	HMDB0041733
3-(4-Hydroxyphenyl)-lactate	HMDB0303993
Carboxycitric acid	
2,6-dihydroxybenzoic acid (2,6-D	HMDB0013676
3,4-dihydroxybenzoic acid (3,4-D	HMDB0001856
3,5-dihydroxybenzoic acid (3,5-D	HMDB0013677
4-Hydroxycinnamic acid	HMDB0002035
ferulic acid	HMDB0000954
Creatine	HMDB0000064
2-Hydroxy-2-methylbutyric acid	HMDB0001987
2-hydroxy-3-methylvaleric acid	HMDB0000317

2-Hydroxybutyric acid	HMDB0000008
2-hydroxyglutaric acid	HMDB0059655
2-Hydroxyisobutyric acid	HMDB0000729
2-Hydroxyisovaleric acid	HMDB0000407
2-Hydroxyphenylacetic acid	HMDB0000669
3-(3-hydroxyphenyl)-3-hydroxypr	HMDB0002643
3,4-Dihydroxybutyric acid	HMDB0000337
3-Carboxy-4-methyl-5-propyl-2-fu	HMDB0061112
3-hydroxyisobutyric acid	HMDB0000336
3-Hydroxyisovaleric acid	HMDB0000754
3-Hydroxyphenylacetic acid	HMDB0000440
3-Methyladipic acid	HMDB0000555
4-hydroxybenzoic acid	HMDB0000500
4-Hydroxyphenylpyruvic acid	HMDB0000707
Argininic acid	HMDB0003148
Benzoic acid	HMDB0001870
Caffeic acid	HMDB0001964
cis-Aconitic acid	HMDB0000072
Citric acid	HMDB0000094
Ethylmalonic acid	HMDB0000622
Fumaric acid	HMDB0000134
Furan-2,5-dicarboxylic acid	HMDB0004812
Glutaric Acid	HMDB0000661
Glyceric acid	HMDB0000139
Guanidinopropionic acid	HMDB0013222
Guanidoacetic acid	HMDB0000128
Hippuric acid	HMDB0000714
Homovanillic acid	HMDB0000118
Isocitric acid	HMDB0000193
Lactic acid	HMDB0000190
Maleic acid	HMDB0000176
Malic acid	HMDB0000156
Malonic acid	HMDB0000691
Methylmalonic acid	HMDB0000202
Orotic Acid	HMDB0000226
Phenylacetic acid	HMDB0000209
Salicylic acid	HMDB0001895
Shikimic acid	HMDB0003070
Succinic acid	HMDB0000254
Tartaric acid	HMDB0000956
Threonic acid	HMDB0000943
Uric acid	HMDB0000289
Quinaldic acid	HMDB0000842
Quinoline-4-carboxylic acid	HMDB0257047
1-Methylguanosine	HMDB0001563
7-methylxanthine (7-MX)	HMDB0001991
1-Methylinosine	HMDB0002721
1-Methyladenosine	HMDB0003331
1,7-Dimethyluric acid	HMDB0011103

5-Hydroxyuracil	HMDB0303045
3-Methyladenine	HMDB0011600
3-methylxanthine (3-MX)	HMDB0001886
5-Methyluridine	HMDB0000884
7-Methylguanine	HMDB0000897
Adenine	HMDB0000034
Adenosine	HMDB0000050
Cytidine	HMDB0000089
Cytosine	HMDB0000630
Deoxyadenosine	HMDB0000101
Deoxycytidine	HMDB0000014
Deoxyguanosine	HMDB0000085
Deoxyinosine	HMDB0000071
Deoxyuridine	HMDB0000012
Guanine	HMDB0000132
Guanosine	HMDB0000133
Hypoxanthine	HMDB0000157
Inosine	HMDB0000195
Thymidine	HMDB0000273
Thymine	HMDB0000262
Uracil	HMDB0000300
Uridine	HMDB0000296
Cyclic AMP	HMDB0000058
Xanthine	HMDB0000292
Xanthosine	HMDB0000299
N-Methyltryptamine	HMDB0004370
1-Methylhistamine	HMDB0000898
N-Methyl Histamine	HMDB0061685
1,3-Diaminopropane	HMDB0000002
3-Methoxytyramine	HMDB0000022
Agmatine	HMDB0001432
Cadaverine	HMDB0002322
Creatinine	HMDB0000562
Dimethylamine	HMDB0000087
Ethanolamine	HMDB0000149
Histamine	HMDB0000870
N1,N12-Diacetylspermine	HMDB0002172
N1-Acetylspermidine	HMDB0001276
N-Acetylputrescine	HMDB0002064
Phenylethylamine	HMDB0012275
Putrescine	HMDB0001414
Spermidine	HMDB0001257
Spermine	HMDB0001256
Trimethylamine	HMDB0000906
Trimethylamine N-oxide	HMDB0000925
Tyramine	HMDB0000306
Methylamine	HMDB0000164
Dopamine	HMDB0000073
Epinephrine	HMDB0000068

DOPA	HMDB0000181
Norepinephrine	HMDB0000216
3-Hydroxypyruvic acid	HMDB0001352
Phenylpyruvic acid	HMDB0000205
Succinylacetone	HMDB0000635
2-Ketobutyric acid	HMDB0000005
Fumarylacetoacetic acid	HMDB0001268
2-Oxo-4-methiolbutyric acid	HMDB0001553
3-Oxoglutaric acid	HMDB0013701
dihydroisoferulic acid (DHiFA)	HMDB0062121
o-coumaric acid (oCOU)	HMDB0041592
2-oxoadipic acid	HMDB0000225
2-Oxoisocaproic acid	HMDB0000695
3-Hydroxybutyric acid	HMDB0000011
Acetoacetic acid	HMDB0000060
alpha-Ketoglutaric acid	HMDB0000208
alpha-Ketoisovaleric acid	HMDB0000019
Pyruvic acid	HMDB0000243
xanthurenic acid	HMDB0000881
5-Methoxytryptamine	HMDB0004095
Kynurenine	HMDB0000684
Serotonin	HMDB0000259
Tryptamine	HMDB0000303
Tryptophan	HMDB0000929
Kynurenic acid	HMDB0000715
N-Acetyl-Tryptophan	HMDB0013713
Picolinic acid	HMDB0002243
Quinolinic acid	HMDB0000232
5,6-Dihydroxyindole-2-carboxylic	HMDB0001253
Indole-3-pyruvic acid	HMDB0060484
Indole	HMDB0000738
Indole-3-acetamide	HMDB0029739
3-Indoleacetic acid	HMDB0000197
5-Hydroxyindoleacetic Acid	HMDB0000763
Indole-3-carboxylic acid	HMDB0003320
Indole-3-propionic acid	HMDB0002302
Indolelactic acid	HMDB0000671
Indoxyl glucuronide	HMDB0010319
Indoxyl-β-D-glucoside	HMDB0061755
Cyancobalamin	HMDB0000607
α-tocopherol	HMDB0001893
1-Methylnicotinamide	HMDB0000699
Choline	HMDB0000097
Nicotinamide ribotide	HMDB0000229
3-(3,5-dihydroxyphenyl)propionic	HMDB0061117
ferulic acid 4-sulfate (FA-S)	HMDB0029200
enterolactone sulfate (EL-S)	HMDB0240505
ethylparaben (EtP)/ Ethyl 4-hydro	HMDB0240706
ethyl sulfate	HMDB0031233

Taurine	HMDB0000251
4-Ethylphenyl sulfate	HMDB0062551
Indoxyl sulfate	HMDB0000682
p-Cresol sulfate	HMDB0011635
Deoxypyridinoline	HMDB0000569
Uroporphyrin	HMDB0000936
Mevalonolactone	HMDB0006024
urolithin A (UroA)	HMDB0013695
urolithin B (UroB)	HMDB0013696
triclocarban (TCC)/ 3,4,4'-trichloro	HMDB0240702
4-hydroxybenzophenone (4-HPB	HMDB0240708
theobromine (TB)	HMDB0002825
4-Methylcatechol	HMDB0000873
methylparaben (MeP)/ Methyl 4-h	HMDB0032572
butylparaben (BuP)/Butyl 4-hydr	HMDB0032575
Homovanillyl alcohol	HMDB0038925
Allantoin	HMDB0000462
Nudifloramide	HMDB0004193
Urea	HMDB0000294
Glycyl proline	HMDB0000721
Prolylhydroxyproline	HMDB0006695
Lysyl alanine	HMDB0028944
Gamma-glutamyl-epsilon-lysine	HMDB0003869
D-Alanyl-D-alanine	HMDB0003459
Anserine	HMDB0000194
Gamma-glutamylphenylalanine	HMDB0000594
Aspartylphenylalanine	HMDB0000706
Glycylleucine	HMDB0000759
entrolactone (EL)	HMDB0006101
Gamma-glutamylalanine	HMDB0006248
Gamma-glutamylisoleucine	HMDB0011170
Gamma-glutamylleucine	HMDB0011171
Leucylproline	HMDB0011175
Prolylglycine	HMDB0011178
Gamma-glutamylglycine	HMDB0011667
Gamma-glutamylglutamate	HMDB0011737
N2-gamma-glutamylglutamine	HMDB0011738
Gamma-glutamyltyrosine	HMDB0011741
Acetylcarnosine	HMDB0012881
Alanylalanine	HMDB0028680
Alanylleucine	HMDB0028691
Alanylvaline	HMDB0028700
Aspartylleucine	HMDB0028757
Alpha-glutamyltyrosine	HMDB0028831
Alpha-glutamylvaline	HMDB0028832
Glycylisoleucine	HMDB0028844
Glycylvaline	HMDB0028854
Histidylalanine	HMDB0028878
Isoleucylvaline	HMDB0028920

Leucylglutamine	HMDB0028927
Leucylglycine	HMDB0028929
Lysylleucine	HMDB0028955
Phenylalanylglycine	HMDB0028995
Serylleucine	HMDB0029043
Threonylleucine	HMDB0029065
Threonylphenylalanine	HMDB0029068
Valylglycine	HMDB0029127
N-gamma-Glutamylglutamine	HMDB0029147
Gamma-glutamylhistidine	HMDB0029151
Gamma-glutamyl-alpha-lysine	HMDB0029154
Gamma-glutamylthreonine	HMDB0029159
Gamma-glutamyltryptophan	HMDB0029160
Gamma-glutamylmethionine	HMDB0034367
Phenylacetylglutamate	HMDB0059772
Pyroglutamylvaline	HMDB0094651
L-prolyl-L-leucine	HMDB0253028
Leucylleucine	HMDB0254039, HMDB0028933
Phenylalanylalanine	HMDB028988
gamma-glutamylcitrulline	
Glycyl-glycine	HMDB0011733
Carnosine	HMDB0000033
Taurochenodeoxycholic acid	HMDB0000951
Deoxycholic acid (DCA)	HMDB0000626
Taurocholic acid	HMDB0000036
Glycocholic acid (GCA)	HMDB0000138
Glycolithocholic acid (GLCA)	HMDB0000698
Glycochenodeoxycholic acid	HMDB0000708
Glycodeoxycholic acid (GDCA)	HMDB0242414
lithocholic acid (LCA)	HMDB0000761
tauroolithocholic acid (TLCA)	HMDB0000722
Taurocdeoxyholic acid	HMDB0000896
Tauromuricholic acid	HMDB0000932
Tauromurocholic acid	
Tauroursodeoxycholic acid	HMDB0000874
Ursodeoxycholic acid	HMDB0000946
Glycolithocholic acid sulfate	HMDB0002639
Hyodeoxycholic acid	HMDB0000733
Cholic acid	HMDB0000619
n-acetylgalactosamine	HMDB0000212
n-acetylglucosamine	HMDB0000215
Glucuronic acid	HMDB0000127
Xylose	HMDB0000098
Arabinose	HMDB0000646
Ribose	HMDB0000283
Fucose	HMDB0000174
Psicose	HMDB0250793
Fructose	HMDB0000660
Allose	HMDB0001151

Galactose	HMDB0000143
Mannose	HMDB0000169
Mannoheptulose	HMDB0254327
Sedoheptulose	HMDB0003219
Sucrose	HMDB0000258
Lactose	HMDB0000186
Maltose	HMDB0000163
Xylonic acid	HMDB0060256
Ribonic acid	HMDB0000867
Arabonic acid	HMDB0000539
Mannonic acid	HMDB0242119
Galactonic acid	HMDB0000565
Gluconic acid	HMDB0000625
Levogluconan	HMDB0000640
Xylulose	HMDB0000751
Iduronic acid	HMDB0002704
ethyl glucuronide (Et-G)	HMDB0010325
Fructosamine	HMDB0002030
3-Deoxyglucosone	HMDB0005876
11-Deoxycortisol	HMDB0000015
11-Deoxycorticosterone	HMDB0000016
Cortisol	HMDB0000063
Testosterone	HMDB0000234
Thyroxine (T4)	HMDB0000248
Pregnenolone	HMDB0000253
Triiodothyronine (T3)	HMDB0000265
18 Hydroxycorticosterone	HMDB0000319
17-OH Progesterone	HMDB0000374
Progesterone	HMDB0001830
(3B)-cholesta-5,7-dien-3-ol	HMDB0006842
Phytanic Acid	HMDB0000801
3-Hydroxysebacic acid	HMDB0000350
3-Hydroxyvaleric acid	HMDB0000531
Dodecanedioic acid	HMDB0000623
2-Oxoisovaleric acid	HMDB0001865
Pristanic acid	HMDB0000795
Tetracosanoic acid	HMDB0002003
4-Hydroxyisovaleric acid	HMDB0002011
Arachidic acid	HMDB0002212
Homophytanic acid	HMDB0002337
Hexacosanoic acid	HMDB0002356
lauric acid (C12:0)	HMDB0000638
myristic acid (C14:0)	HMDB0000806
pentadecanoic acid (C15:0)	HMDB0000826
palmitic acid (C16:0)	HMDB0000220
palmitoleic acid (C16:1)	HMDB0003229
margaric acid (C17:0)	HMDB0002259
stearic acid (C18:0)	HMDB0000827
oleic acid (C18:1)	HMDB0000207

linoleic acid (C18:2)	HMDB0000673
arachidonic acid (C20:4)	HMDB0001043
docosahexaenoic acid (C22:6)	HMDB0002183
alpha-Linolenic acid (C18:3)	HMDB0001388
gamma-Linolenic acid (C18:3)	HMDB0003073
eicosapentaenoic acid (C20:5)	HMDB0001999
Butyric acid + Isobutyric acid	HMDB0000039 + HMDB0001873
Caproic acid	HMDB0000535
Caprylic acid	HMDB0000482
Isovaleric acid	HMDB0000718
Propionic acid	HMDB0000237
Valeric acid	HMDB0000892
methylglyoxal (MGO)	HMDB0001167
Glyoxylic acid	HMDB0000119
4-Hydroxynonenal	HMDB0004362
Pentadecanol	HMDB0013299
2E-2-Heptenal	HMDB0033827
glyoxal (GO)	HMDB0303107
dimethyl phosphate (DMP)	HMDB0061734
C0	
Hexose	
C2	
C8	
Sph(d18:1)	
C7DC	
C10:2	
C10:1-peak2	
C10:1-peak1	
C10	
C12:1	
C12	
C14:2	
C14:1	
C14	
C12DC	
C14:1OH	
C16:1	
C16	
C16:1OH	
C18:2	
C18:1	
C18	
LysoPC a C14:0 sn-1	
LysoPC a C14:0 sn-2	
LPC(P-16:0)	
LPC(15:0) [sn1]	
LPC(15:0) [sn2]	
LPC(O-16:0)	
Cer(d18:2/14:0)	

LysoPC a C16:1 sn-1
LysoPC a C16:1 sn-2
LysoPC a C16:0 sn-1
LysoPC a C16:0 sn-2
LPC(17:1) (a) [sn1] [104_sn1]
LPC(P-18:0)
LPC(O-18:1)
LPC(17:1) (a\b\c)-peak1
LPC(17:1) sn-2 isomer 2
LPC(17:1) (a\b\c)-peak2
LPC(17:1) sn-1 isomer 2
LysoPC a C17:0 sn-1
LysoPC a C17:0 sn-2/LPC(15-MHDA)
LPC(15-MHDA) [sn1]
LPC(O-18:0)
LPC 18:3(104)
LPC(18:3) [sn1] (a)/LPC(18:3) [sn2] (b)
LPC(18:3) [sn1] (b)
LPC(18:3) [sn2] (a)
LysoPC a C18:2 sn-1
LysoPC a C18:2 sn-2
Cer(d18:1/16:0)
Cer(d16:1/18:0)
LysoPC a C18:1 sn-1
LysoPC a C18:1 sn-2
LysoPC a C18:0 sn-1
LysoPC a C18:0 sn-2
DG(14:0_14:0)
LPC(O-20:1)
Cer(d18:2/16:0)-H2O
Cer(d18:2/16:0)
LPC(20:5) [sn1]
LPC(20:5) [sn2]
LysoPC a C20:4 sn-1
LysoPC a C20:4 sn-2
LysoPC a C20:3 sn-1
LysoPC a C20:3 sn-2
LPC 20:3(104)
LPC(20:2) [sn2]
LPC(20:2) [sn1]
Cer(d16:1/20:0)
Cer(d18:1/18:0)
LPC(20:1) [sn1]
LPC(20:1) [sn2]
Cer(m18:1/18:0)
DG(14:0_16:0)
LPC(O-22:1)
Cer(d18:2/18:0)-H2O
Cer(d18:2/18:0)

LPC(O-22:0)
LPC(22:6) [sn1]
LPC(22:6) [sn2]
LPC 22:5(104)
LPC(22:5) [sn2] (n3)
LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)
LPC(22:5) [sn1] (n6)
Cer(d16:1/22:0)
Cer(d18:1/20:0)
LPC(22:1) [sn1]
LPC(22:1) [sn2]
Cer(m18:1/20:0)
LPC(22:0) [sn1]
LPC(22:0) [sn2]
Cer(m18:0/20:0)
DG(14:0_18:2)
DG(16:0_16:1)
DG(14:0_18:1)
DG(16:0_16:0)
LPC(O-24:2)
LPC(O-24:1)
Cer(d18:2/20:0)-H2O
Cer(d18:2/20:0)
LPC(O-24:0)
Cer(d18:0/20:0)
Cer(d18:2/22:0)
Cer(d18:1/22:0)
Cer(d16:1/24:0)
Cer(m18:1/22:0)
LysoPC a C24:0 sn-1
LysoPC a C24:0 sn-2
DG(16:1_18:2)
Cer(d16:1/23:0)-H2O
Cer(d16:1/23:0)
Cer(d17:1/22:0)
Cer(d18:1/21:0)
Cer(m18:0/22:0)
DG(16:1_18:1)
DG(16:0_18:2)
Cer(d18:1/20:0(OH))
DG(16:1_18:0)
DG(17:0_17:1)
DG(16:0_18:1)
CE(14:1)
LPI(18:2) (ab)
DG(14:0_20:0)
CE(14:0)
LPI(18:1) (ab)
Cer(d18:2/23:0)-H2O

LPI(18:0)
Cer1P(d18:1/16:0)
Cer(d18:1/23:0)
Cer(d16:1/24:1)
Cer(m18:1/23:0)
PC aa C24:0-peak1
PC aa C24:0-peak2
PC aa C24:0-peak3
Cer(d17:1/23:0)
Cer(m18:0/23:0)
Cer(d18:0/22:0)
DG(17:0_18:1)
CE(15:1)
CE(15:0)
Cer(d18:2/24:1)
Cer(d18:2/24:0)
Cer(d18:1/24:1)
Cer(m18:1/24:1)
Cer(d18:1/24:0)
DG(16:0_20:4)
DG(18:1_18:3)
DG(18:2_18:2)
Cer(d18:2/23:0)
Cer(d17:1/24:1)
Cer(m18:0/24:1)
Cer(m18:1/24:0)
DG(16:0_20:3)
DG(18:1_18:2)
Cer(d17:1/24:0)
Cer(d19:1/22:0)
Cer(m18:0/24:0)
LPI(20:4) sn-2
LPI(20:4) (ab)
DG(18:1_18:1)
CE(16:2)
DG(18:0_18:2)
DG(16:1_20:0)
DG(18:0_18:1)
DE(16:0)
CE(16:1)
DG(16:0_20:0)
CE(16:0)
Cer(d18:1/25:0)
PC aa C26:0-peak1
PC aa C26:0-peak2
Cer(d20:1/22:0)
Cer(d19:1/23:0)
Cer(d18:0/24:1)
Cer(d18:0/24:0)

CE(17:1)
CE(17:0)
DG(18:2_20:4)
DG(18:1_20:4)
DG(16:0_22:5)
SM(d17:1/14:0)
LysoPC a C28:1
DG(18:1_20:3)
Cer(d19:1/24:1)
DG(18:0_20:4)
LysoPC a C28:0
DG(18:1_20:2)
Cer(d19:1/24:0)
Cer(d20:1/23:0)
DE(18:2)
CE(18:3)
DE(18:1)
DG(18:1_20:1)
DG(18:2_20:0)
CE(18:2)
DG(18:1_20:0)
CE(18:1)
DG(18:0_20:0)
CE(18:0)
HexCer(d18:1/14:0)
SM(d18:2/14:0)
SM(d18:1/14:0)/SM(d16:1/16:0)
PC aa C28:1
Cer(d20:1/24:1)
SM(d18:0/14:0)
PC(28:0)
methyl-DE(18:2)
Cer(d18:1/26:0)-H2O
Cer(d18:1/26:0)
Cer(d20:1/24:0)
methyl-CE(18:2)
methyl-DE(18:1)
methyl-CE(18:1)
CE(18:2) [+OH]-peak1
CE(18:2) [+OH]-peak2
CE(18:2) [+OH]-peak3
methyl-CE(18:0)
DG(18:1_22:5)
DE(20:4)
CE(20:5)
SM(d17:1/16:0)/SM(d16:1/17:0)
SM(d17:1/16:0)
SMOH C14:1
PC(P-16:0/14:0)

CE(20:4)
CE(20:3)
dimethyl-CE(18:2)
CE(20:2)
CE(19:3) [+OH]-peak1
CE(19:3) [+OH]-peak2
CE(19:3) [+OH]-peak3
CE(19:3) [+OH]-peak4
dimethyl-CE(18:1)
CE(20:1)
CE(20:0)
SM(34:3)
HexCer(d18:1/16:0)
HexCer(d16:1/18:0)
SM C16:1*SM(d18:2/16:0)
SM C16:0*SM(d18:1/16:0)
methyl-CE(20:4)
SM(d18:0/16:0)
PC aa C30:0*PC(14:0_16:0)
CE(20:4) [+OH]
PE(16:0_18:3) (a)
PE(16:0_18:3) (b)
PE(16:1_18:2)
PA(36:4)
CE(22:6)
SM(35:2) (b)
SM(d18:2/17:0)
PE(16:0_18:2)
dimethyl-CE(20:5)
PA(36:3)
PC ae C32:2*PC(O-32:2)
PC(P-16:0/16:1)
CE(22:5)
SM(d16:1/19:0)
SM(d18:1/17:0)/SM(d17:1/18:0)
SMOH C16:1
PE(16:0_18:1)
dimethyl-CE(20:4)
PA(36:2)
PC(P-16:0/16:0)
PC ae C32:1*PC(O-32:1)
PC(31:1)
CE(22:4)
PC(31:0) (a)
PC(31:0) (b)
PC(O-16:0/16:0)
SM(d18:2/18:1)
HexCer(d16:1/20:0)
SM C18:1* SM(d18:2/18:0)

PE(15-MHDA_18:2)
PC aa C32:2*PC(32:2)
PE(17:0_18:2)
SM C18:0* SM(d18:1/18:0)/SM(d16:1/20:0)
PC aa C32:1*PC(32:1)
PE(15-MHDA_18:1)
PE(17:0_18:1)
PC aa C32:0*PC(16:0_16:0)
PE(16:0_20:4)
PC(P-16:0/18:2)
PE(16:0_20:3)
PE(18:1_18:2)
CE(24:6)
SM(37:2)-peak2
SM(37:2)-peak1
PC ae C34:2*PC(O-34:2)
PE(18:0_18:2)
PC(33:2)
PE(18:1_18:1)
PC(P-16:0/18:1)
SM(37:1)
PC ae C34:1*PC(O-34:1)
PC(33:1)
PC(P-16:0/18:0)
PC(34:5)
PC aa C34:4*PC(14:0_20:4)
PC(O-35:4)
SM C20:2* SM(38:3) (a)
SM C20:2* SM(38:3) (b)
PC aa C34:3 isomer1
PC aa C34:3 isomer2
PC aa C34:3 isomer3
PC aa C34:3*PC(16:0_18:3)a
PC aa C34:3*PC(16:0_18:3)b
PC aa C34:3*PC(16:1_18:2)
PC(P-35:2)a
PC(P-35:2)b
SM(d18:2/20:0)
PC aa C34:2*b
PC(16:0_18:2)
PC aa C34:2*a
SM(d18:1/20:0)/SM(d16:1/22:0)
PC aa C34:1*PC(16:0_18:1)
PC(16:0_18:0)
PE(16:0_22:6)
PC(P-16:0/20:5)
TG(16:0_28:2)
PG(34:1)
PC(P-16:0/20:4)

PC ae C36:5*PC(O-36:5)
TG(18:1_26:0)
TG(16:0_28:1)
TG(16:1_28:0)
PC(P-36:3)-Rt1
PC(15:0_20:4)-Rt1
PC(O-16:0/20:4)
PC(O-36:5)
PC(P-16:0/20:3)
PC ae C36:4*PC(O-16:0/20:4)
PE(18:0_20:4)
PC(15:0_20:4)-Rt2
PC(P-36:3)-Rt2
PC ae C36:3*PC(O-16:0/20:3)
PC ae C36:3*PC(O-18:1/18:2)
PC(15:0_20:3)
PC(17:1_18:2)
PC(P-18:0/18:2)
PC(P-18:1/18:1)
PC ae C36:2 isomer1
PC ae C36:2 isomer2
PC ae C36:2 isomer3
PC ae C36:2*PC(O-18:0/18:2)
PC ae C36:2*PC(O-18:1/18:1)
PC(15-MHDA_18:2)
PC(17:0_18:2)
SM(d16:1/23:0)/SM(d17:1/22:0)
PC ae C36:1 isomer1
PC ae C36:1 isomer2
PC ae C36:1 isomer3
PC ae C36:1*PC(O-18:0/18:1)
PC(15-MHDA_18:1)
PC(17:0_18:1)
PC(34:2) [+OH]
PC ae C36:0
PC aa C36:6*PC(14:0_22:6)
PC aa C36:6*PC(36:6)a
PC(16:0_20:5)
PC(16:1_20:4)
PC(P-37:4) (a)
PC(P-37:4) (b)
PC aa C36:5*PC(16:0_20:5)
PC aa C36:5*PC(16:1_20:4)
PC(P-17:0/20:4) (a)
PC(P-17:0/20:4) (b)
SHexCer(d18:1/16:0)
SM C22:3
PC aa C36:4 isomer
PC aa C36:4*PC(16:0_20:4)

PC aa C36:4*PC(18:2_18:2)
PC(16:0_20:4)
PC(18:2_18:2)
HexCer(d18:2/22:0)
SM(40:3) (a)
SM(40:3) (b)
PC aa C36:3*PC(16:0_20:3)a
PC aa C36:3*PC(16:0_20:3)b
PC aa C36:3*PC(18:1_18:2)
PC(16:0_20:3) (a)
PC(16:0_20:3) (b)
PC(18:1_18:2)
HexCer(d18:1/22:0)
SM(d16:1/24:1)
SM(d18:2/22:0)
PC aa C36:2*PC(18:0_18:2)
PC aa C36:2*PC(18:1_18:1)
SM(d18:1/22:0)/SM(d16:1/24:0)
PS(36:2)
PC aa C36:1*PC(18:0_18:1)
SM(d18:0/22:0)
PC aa C36:0 isomer1
PC aa C36:0 isomer2
PC aa C36:0 isomer3
PC aa C36:0 isomer4
PC aa C36:0/ SM(d18:1/22:0)/SM(d16:1/24:0) Majority are SMs, can be distinguished by orbitrap
PC ae C38:6*PC(O-16:0/22:6)
PE(18:0_22:6)
PG(36:2)
PC(15:0_22:6)
PC(P-38:5) (a)
PC(P-38:5) (b)
TG(16:0_30:2)
TG(18:1_28:1)
TG(20:1_26:1)
TG(14:0_32:2)
TG(16:1_30:1)
TG(18:2_28:0)
PG(36:1)
PC ae C38:5*PC(O-38:5)
PC(P-18:0/20:4)
PC ae C38:4 isomer1
PC ae C38:4 isomer2
PC ae C38:4*PC(O-18:0/20:4)
PC(15-MHDA_20:4)
PC(17:0_20:4)
HexCer(d18:2/23:0)
SHexCer(d18:1/16:0(OH))
HexCer(d18:1/23:0)

SM(d17:1/24:1)
SM(d18:2/23:0)
SM(41:1) (a)
SM(d18:1/23:0)/SM(d17:1/24:0)
SM(41:0)
PC ae C38:0
PC(16:1_22:6)
PC(18:2_20:5)
PC(38:7)c
PC aa C38:6 (a)
PC aa C38:6*PC(16:0_22:6)
PC aa C38:5*PC(38:5) (a)
PC aa C38:5*PC(38:5) (b)
PC aa C38:4*PC(18:0_20:4)
PC aa C38:4*PC(18:1_20:3)
PC aa C38:4*PC(38:4) (b)
HexCer(d18:1/24:1)
HexCer(d18:2/24:0)
PC aa C38:3*PC(18:0_20:3)
HexCer(d18:1/24:0)
SM C24:1*SM(d18:1/24:1)
SM C24:1*SM(d18:2/24:0)
PC(38:2)
SM C24:0*SM(d18:1/24:0)
TG(16:0_32:3)
TG(18:2_30:1)
TG(14:0_34:3)
TG(16:1_32:2)
TG(18:1_30:2)
TG(18:3_30:0)
PC ae C40:6*PC(O-18:0/22:6)
PC(15-MHDA_22:6)
PC(17:0_22:6)
PC(P-18:0/22:5)
TG(16:0_32:2)
TG(18:1_30:1)
TG(14:0_34:2)
TG(16:1_32:1)
TG(18:2_30:0)
TG(48:2)[NL-14:1]
PC ae C40:5*PC(O-40:5)
PC(39:5) (b)
PC(P-20:0/20:4)
PC(38:6) [+OH]
TG(16:0_32:1)
TG(18:1_30:0)
TG(14:0_34:1)
TG(16:1_32:0)
TG(18:0_30:1)

TG(18:0_30:0)
TG(14:0_34:0)
TG(16:0_32:0)
PI(16:0_16:1)
SM(43:2) (b)
SM(43:2) (c)
SM(d19:1/24:1)
PI(16:0/16:0)
SM(43:1)
PC(18:1_22:6) (a)
PC(18:1_22:6) (b)
PC(40:7) (a)
PC aa C40:6**PC(18:0_22:6)
TG(16:0_33:2)
TG(17:1_32:1)
TG(14:0_35:2)
TG(16:1_33:1)
TG(18:2_31:0)
TG(49:2)[NL-18:2]
TG(49:2)[NL-18:1]
TG(O-50:2)[NL-18:1]
TG(O-50:2)[NL-18:2]
PC aa C40:5* PC(18:0_22:5) (n3)/PC(20:1_20:4)
PC aa C40:5*PC(18:0_22:5) (n6)
TG(14:0_35:1)
TG(17:0_32:1)
TG(16:0_33:1)
TG(18:1_31:0)
TG(49:1)[NL-17:1]
TG(49:1)[NL-15:0]
TG(49:1)[NL-16:1]
TG(49:1)[NL-18:1]
TG(O-50:1)[NL-18:1]
TG(O-50:1) [NL-17:1]
TG(O-50:1)[NL-15:0]
PC aa C40:4*PC(18:0_22:4)
PC aa C40:4*PC(20:0_20:4)
SM(44:3)
SM C26:1*SM(44:2)
SM C26:0*SM(44:1)
TG(16:0_34:4)
TG(18:1_32:3)
TG(18:3_32:1)
TG(20:4_30:0)
TG(14:0_36:4)
TG(16:1_34:3)
TG(18:2_32:2)
TG(14:0_36:3)
TG(16:1_34:2)

TG(18:2_32:1)
TG(16:0_34:3)
TG(18:1_32:2)
TG(18:3_32:0)
TG(50:3)[NL-14:1]
TG(16:0_34:2)
TG(18:0_32:2)
TG(18:2_32:0)
TG(14:0_36:2)
TG(16:1_34:1)
TG(18:1_32:1)
TG(20:1_30:1)
TG(14:0_36:1)
TG(16:0_34:1)
TG(18:1_32:0)
TG(16:1_34:0)
TG(18:0_32:1)
TG(18:0_32:0)
TG(16:0_34:0)
PI(34:1)
PI(34:0)
TG(17:2_34:3)
TG(18:3_33:2)
TG(17:2_34:2)
TG(18:1_33:3)
TG(18:2_33:2)
TG(17:1_34:3)
Hex2Cer(d18:2/16:0)
TG(17:0_34:3)
TG(17:1_34:2)
TG(18:1_33:2)
TG(18:2_33:1)
TG(16:0_35:3)
Hex2Cer(d18:1/16:0)
TG(16:0_35:2)
TG(17:1_34:1)
TG(18:2_33:0)
TG(17:0_34:2)
TG(18:1_33:1)
TG(51:2)[NL-15:0]
TG(16:0_35:1)
TG(18:1_33:0)
TG(17:0_34:1)
TG(20:1_31:0)
PI(15-MHDA_18:2)/PI(17:0_18:2)
TG(51:0)[NL-16:0]
TG(O-52:0)[NL-16:0]
PI(15-MHDA_18:1)/PI(17:0_18:1)
TG(16:0_36:6)

TG(16:1_36:5)
TG(18:2_34:4)
TG(18:3_34:3)
TG(20:4_32:2)
TG(16:0_36:5)
TG(16:1_36:4)
TG(20:3_32:2)
TG(22:3_30:2)
TG(14:0_38:5)
TG(18:1_34:4)
TG(18:2_34:3)
TG(18:3_34:2)
TG(20:4_32:1)
TG(52:5)[NL-20:5]
TG(16:0_36:4)
TG(18:2_34:2)
TG(20:1_32:3)
TG(20:4_32:0)
TG(14:0_38:4)
TG(16:1_36:3)
TG(18:1_34:3)
TG(18:3_34:1)
TG(20:0_32:4)
TG(20:3_32:1)
TG(16:0_36:3)
TG(18:0_34:3)
TG(18:2_34:1)
TG(20:0_32:3)
TG(20:2_32:1)
TG(16:1_36:2)
TG(18:1_34:2)
TG(18:3_34:0)
TG(20:1_32:2)
TG(20:3_32:0)
PI(16:0_20:4)
TG(16:0_36:2)
TG(18:0_34:2)
TG(18:2_34:0)
TG(20:2_32:0)
TG(16:1_36:1)
TG(18:1_34:1)
TG(20:1_32:1)
PI(16:0_20:3) (a)
PI(16:0_20:3) (b)
PI(18:1_18:2)
TG(52:1)[NL-18:0]
TG(52:1)[NL-18:1]
PI(36:2)
Ubiquinone

PI(18:0_18:1)
TG(17:1_36:5)
TG(17:2_36:4)
TG(20:4_33:2)
TG(18:2_35:3)
TG(18:3_35:2)
TG(17:1_36:4)
TG(17:2_36:3)
TG(17:2_36:2)
TG(17:0_36:4)
TG(17:1_36:3)
TG(18:1_35:3)
TG(18:2_35:2)
TG(53:3)[NL-17:1]
TG(16:0_37:3)
TG(18:1_35:2)
TG(17:0_36:3)
TG(18:2_35:1)
TG(O-54:3)[NL-17:1]
PI(15-MHDA_20:4)\PI(17:0_20:4)
Hex2Cer(d18:1/18:0)
TG(53:2)[NL-18:1]
TG(O-54:2) [NL-17:1]
TG(O-54:2) [NL-18:1]
TG(53:2)[NL-17:1]
TG(22:6_32:1)
TG(16:0_38:7)
TG(18:1_36:6)
TG(18:2_36:5)
TG(18:3_36:4)
TG(20:4_34:3)
TG(20:5_34:2)
TG(20:3_34:3)
TG(20:4_34:2)
TG(20:5_34:1)
TG(22:2_32:4)
TG(22:4_32:2)
TG(16:0_38:6)
TG(16:1_38:5)
TG(18:1_36:5)
TG(18:2_36:4)
TG(18:3_36:3)
TG(20:2_34:4)
TG(22:1_32:5)
TG(22:5_32:1)
TG(22:6_32:0)
TG(16:0_38:5)
TG(18:0_36:5)
TG(18:2_36:3)

TG(20:2_34:3)
TG(20:4_34:1)
TG(22:5_32:0)
TG(16:1_38:4)
TG(18:1_36:4)
TG(18:3_36:2)
TG(20:3_34:2)
TG(20:5_34:0)
PI(38:6)
TG(16:0_38:4)
TG(18:0_36:4)
TG(18:2_36:2)
TG(20:1_34:3)
TG(20:3_34:1)
TG(22:0_32:4)
TG(16:1_38:3)
TG(18:1_36:3)
TG(18:3_36:1)
TG(20:2_34:2)
TG(20:4_34:0)
TG(22:4_32:0)
PI(38:5) (b)
PI(38:5) (a)
TG(18:0_36:3)
TG(18:2_36:1)
TG(20:2_34:1)
TG(16:0_38:3)
TG(18:1_36:2)
TG(20:1_34:2)
TG(20:3_34:0)
PI(18:0_20:4)
TG(18:0_36:2)
TG(18:2_36:0)
TG(16:0_38:2)
TG(18:1_36:1)
TG(20:1_34:1)
PI(18:0_20:3) (a)
PI(18:0_20:3) (b)
TG(16:0_38:1)
TG(18:1_36:0)
TG(20:1_34:0)
TG(18:0_36:1)
TG(20:0_34:1)
PI(18:0_20:2)
TG(17:1_38:6)
TG(54:0)[NL-18:0]
TG(17:1_38:5)
TG(20:4_36:5)
TG(18:3_38:6)

TG(22:6_34:3)
TG(56:9)[NL-22:6]
TG(18:1_38:7)
TG(18:2_38:6)
TG(18:3_38:5)
TG(20:4_36:4)
TG(22:5_34:3)
TG(22:6_34:2)
TG(16:0_40:8)
TG(20:5_36:3)
TG(16:0_40:7)
TG(18:0_38:7)
TG(18:1_38:6)
TG(18:2_38:5)
TG(22:5_34:2)
TG(22:6_34:1)
TG(20:3_36:4)
TG(20:4_36:3)
TG(20:5_36:2)
TG(18:0_38:6)
TG(18:2_38:4)
TG(20:4_36:2)
TG(22:5_34:1)
TG(16:0_40:6)
TG(18:1_38:5)
TG(20:3_36:3)
TG(22:4_34:2)
PI(18:0_22:6)
PI(18:0_22:5) (n3)
PI(18:0_22:5) (n6)
PI(18:0_22:4)
PI(20:0_20:4)
TG(58:10)[NL-22:6]
Hex2Cer(d18:1/22:0)
TG(58:9)[NL-22:6]
TG(58:8)[NL-22:6]
Hex2Cer(d18:2/24:1)
Hex2Cer(d18:1/24:1)
Hex2Cer(d18:1/24:0)
GM3(d18:1/16:0)
GM3(d18:1/18:0)
GM3(d18:1/22:0)
LPC(15-MHDA) [sn2]
LysoPC a C26:1
LysoPC a C26:0
PC ae C30:2
PC ae C30:1
PC ae C30:0
PC aa C30:2

PC aa C32:3
PC ae C34:3
PC ae C34:0
PC ae C38:3
SMOH C22:2
PC ae C38:2
SMOH C22:1
PC ae C38:1
PC aa C38:1
PC aa C38:0
PC ae C40:4
PC ae C40:3
PC ae C40:2
SMOH C24:1
PC ae C40:1
PC aa C40:3
PC aa C40:2
PC aa C40:1
PC ae C42:5
PC ae C42:4
PC ae C42:3
PC ae C42:2
PC ae C42:1
PC ae C42:0
PC aa C42:6
PC aa C42:5
PC aa C42:4
PC aa C42:2
PC aa C42:1
PC aa C42:0
PC ae C44:6
PC ae C44:5
PC ae C44:4
PC ae C44:3
C3:1
C3
C4:1
C4
C3OH
C5:1
C5
C4OH
C6:1
C6
C5OH
C5:1DC
C5DC
C5MDC
C9

C14:2OH
C16:2
C16:2OH
C16OH
C18:1OH
CE(22:2)
CE(22:1)
CE(22:0)
DG(18:1_22:6)
LacCer(d18:1/12:0)
Hex2Cer(d18:1/14:0)
Hex2Cer(d18:1/20:0)
Hex3Cer(d18:1/18:0)
Hex3Cer(d18:1/24:1)
Hex3Cer(d18:1_22:0)
HexCer(d16:1/22:0)
HexCer(d18:1/18:0)
HexCer(d18:1/18:1)
HexCer(d18:1/20:0)
HexCer(d18:1/26:0)
HexCer(d18:1/26:1)
HexCer(d18:2/16:0)
HexCer(d18:2/18:0)
HexCer(d18:2/20:0)
TG(20:1_24:3)
AC(13:0)
AC(14:0)-OH
AC(17:0) (a\b)
AC(18:3)
AC(18:0)-OH
AC(20:5)
AC(20:4)
AC(20:3) (a\b)
AC(20:3)-OH
AC(22:6)
AC(22:5)
AC(22:5)-OH
AC(24:1) (a\b)
AC(24:0)
AC(26:1)
AC(26:0)
LPC(18:2) [+OH]
LPC(19:1) (a\b\c)
LPC(P-20:0)
LPC(19:0) (a\b\c)
LPC(20:0) (a\b)
LPC(20:4) [+OH]
LPC(22:4) (a\b)
LPC(22:6) [+OH]

LPC(24:0) [sn2]
LPC(24:0) [sn1]
LPC(O-20:0)
LPC(P-17:0) (a)
LPC(P-17:0) (b)
LPC(P-18:1)
LPE(16:0) [sn2]
LPE(16:0) [sn1]
LPE(17:0) [sn2]
LPE(17:0) [sn1]
LPE(18:0) [sn2]
LPE(18:0) [sn1]
LPE(18:1) [sn2]
LPE(18:1) [sn1]
LPE(18:2) [sn2]
LPE(18:2) [sn1]
LPE(20:4) [sn2]
LPE(20:4) [sn1]
LPE(22:6) [sn2]
LPE(22:6) [sn1]
LPE(P-16:0)
LPE(P-18:0)
LPE(P-18:1)
LPE(P-20:0)
LPI 13:0 (IS)
PA(34:1)
PC(P-15:0/20:4) (a\b)
PC(O-34:4)
PE(16:0_16:0)
PE(16:0_16:1)
PE(18:0_18:1)
PE(18:0_20:3) (a\b)
PE(18:0_22:5) (a\b)
PE(18:1_22:6) (a\b)
PE(16:1_20:4)
PE(16:0_20:5)
PE(37:4) (a\b)
PE(38:5) (a\b)
PE(39:6) (a\b)
PE(40:4) (a\b)
PE(O-16:0/18:2)
PE(O-16:0/20:4)
PE(O-16:0/22:6)
PE(O-18:0/22:5)
PE(O-18:1/22:6)
PE(O-34:1)
PE(O-36:3) (a\b)
PE(O-36:5)
PE(O-38:5) (a\b)

PE(P-15:0/22:6)
PE(P-16:0/18:1)
PE(P-16:0/18:2)
PE(P-16:0/20:3) (a\b)
PE(P-16:0/20:4)
PE(P-16:0/20:5)
PE(P-16:0/22:4)
PE(P-16:0/22:5) (a\b)
PE(P-16:0/22:6)
PE(P-17:0/20:4) (a\b)
PE(P-17:0/22:6) (a\b)
PE(P-18:0/18:1)
PE(P-18:0/18:2)
PE(P-18:0/18:3)
PE(P-18:0/20:3) (a\b)
PE(P-18:0/20:4)
PE(P-18:0/20:5)
PE(P-18:0/22:4)
PE(P-18:0/22:5) (a\b)
PE(P-18:0/22:6)
PE(P-18:1/18:1) (a\b)
PE(P-18:1/18:2) (a\b)
PE(P-18:1/20:3) (a\b)
PE(P-18:1/20:4) (a\b)
PE(P-18:1/20:5) (a\b)
PE(P-18:1/22:4)
PE(P-18:1/22:5) (a\b)
PE(P-18:1/22:6) (a\b)
PE(P-19:0/20:4) (a\b)
PE(P-20:0/18:1)
PE(P-20:0/18:2)
PE(P-20:0/20:4)
PE(P-20:0/22:6)
PE(P-20:1/20:4)
PE(P-20:1/22:6)
PI(37:6)
PIP1(38:4)
PS(36:1)
PS(38:4)
PS(40:5)
S1P(d16:1)
S1P(d18:0)
S1P(d18:1)
S1P(d18:2)
CE(24:0)
CE(24:1)
CE(24:4)
CE(24:5)
Cer(d16:1/16:0)

Cer(d17:1/16:0)
Cer(d17:1/18:0)
Cer(d17:1/20:0)
Cer(d18:0/18:0(OH))
Cer(d18:0/26:1(OH))
Cer(d18:0/26:1)
Cer(d18:1/14:0)
Cer(d18:1/18:0(OH))
Cer(d18:1/18:1)
Cer(d18:1/26:1)
Cer(d18:2/18:1)
Cer(d18:2/26:0)
Cer(d19:1/18:0)
Cer(d19:1/20:0)
DG(14:1_18:1)
DG(14:1_20:2)
DG(16:0_22:6)
DG(18:1_18:4)
DG(18:1_20:5)
DG(18:2_18:3)
DG(18:2_18:4)
DG(18:2_22:6)
DG(18:3_18:3)
DG(18:3_20:2)
DG(21:0_22:6)
DG(22:1_22:2)
DG-O(14:0_18:2)
DG-O(16:0_18:1)
DG-O(16:0_20:4)
dhCer(d18:0/16:0)
GM3(d18:1/20:0)
GM3(d18:1/24:0)
GM3(d18:1/24:1)
Hex2Cer(d16:1/16:0)
Hex2Cer(d16:1/24:1)
Hex2Cer(d18:1/26:0)
Hex2Cer(d18:1/26:1)
Hex3Cer(d18:1/20:0)
Hex3Cer(d18:1/24:0)
Hex3Cer(d18:1/26:1)
SHexCer(d18:1/12:0) (IS)
SHexCer(d18:1/24:0(OH))
SHexCer(d18:1/24:1(OH))
Sph(d18:2)
TG(14:0_39:3)
TG(17:1_38:7)
TG(17:2_38:5)
TG(17:2_38:6)
TG(17:2_38:7)

TG(20:2_36:5)
TG(20:3_36:5)
TG(20:4_35:3)