

Table S5: List of identified non-volatile compounds between RC-R, RC-L, and quality control

Number	Compounds	Class	RC-R-1	RC-R-2	RC-R-3	RC-L-1	RC-L-2	RC-L-3	QC-1	QC-2	QC-3
1	Quercetin 3-beta-D-sophoroside	Flavonoids	9.94E+05	8.65E+05	1.02E+06	9.00E+00	9.00E+00	9.00E+00	5.05E+05	4.72E+05	4.65E+05
2	Azaleatin (5-O-Methylquercetin)	Flavonoids	4.40E+05	4.67E+05	3.36E+05	9.00E+00	9.00E+00	9.00E+00	1.94E+05	2.01E+05	2.27E+05
3	Quercetin-3-O-(2"-O-galactosyl)glucoside	Flavonoids	2.93E+05	2.62E+05	3.45E+05	9.00E+00	9.00E+00	9.00E+00	1.60E+05	1.52E+05	1.39E+05
4	Quercetin-7-O-glucoside	Flavonoids	1.70E+05	1.88E+05	1.35E+05	9.00E+00	9.00E+00	9.00E+00	7.63E+04	8.08E+04	8.95E+04
5	6-Hydroxykaempferol-3-O-rutinoside-6-O-glucoside	Flavonoids	1.46E+05	1.47E+05	1.34E+05	9.00E+00	9.00E+00	9.00E+00	6.98E+04	7.03E+04	7.32E+04
6	Isorhamnetin-3-O-rutinoside (Narcissin)	Flavonoids	1.03E+05	1.04E+05	9.42E+04	9.00E+00	9.00E+00	9.00E+00	4.92E+04	4.95E+04	5.16E+04
7	Rhamnetin-3-O-Rutinoside	Flavonoids	9.81E+04	9.58E+04	1.02E+05	9.00E+00	9.00E+00	9.00E+00	5.01E+04	4.96E+04	4.85E+04
8	Sexangularetin-3-O-glucoside-7-O-rhamnoside	Flavonoids	1.02E+05	9.83E+04	9.54E+04	9.00E+00	9.00E+00	9.00E+00	4.93E+04	4.84E+04	5.00E+04
9	2'-Hydroxy,5-methoxyGenistein-O-rhamnosyl-glucoside	Flavonoids	1.01E+05	9.23E+04	9.47E+04	9.00E+00	9.00E+00	9.00E+00	4.88E+04	4.67E+04	4.82E+04
10	Petunidin-3-O-(6"-O-p-Coumaroyl)glucoside	Flavonoids	9.76E+04	9.37E+04	9.45E+04	9.00E+00	9.00E+00	9.00E+00	4.80E+04	4.70E+04	4.78E+04
11	Gallocatechin 3-O-gallate	Flavonoids	1.33E+04	1.54E+04	1.74E+04	9.00E+00	9.00E+00	9.00E+00	7.67E+03	8.19E+03	7.17E+03
12	Quercetin-3-O-(2"-O-Rhamnosyl)rutinoside	Flavonoids	1.31E+07	1.35E+07	1.34E+07	7.31E+04	7.90E+04	8.35E+04	6.67E+06	6.77E+06	6.67E+06
13	Kaempferol-3-O-robinoside-7-O-rhamnoside (Robinin)	Flavonoids	2.25E+05	2.26E+05	2.71E+05	3.84E+03	3.97E+03	5.77E+03	1.26E+05	1.26E+05	1.15E+05
14	Luteolin-7-O-(2"-O-rhamnosyl)rutinoside	Flavonoids	2.14E+05	2.77E+05	2.48E+05	6.56E+03	6.67E+03	4.81E+03	1.18E+05	1.34E+05	1.26E+05
15	Epicatechin	Flavonoids	3.02E+07	3.00E+07	2.98E+07	7.88E+05	8.16E+05	7.71E+05	1.54E+07	1.53E+07	1.54E+07
16	Quercetin-3-O-robinobioside	Flavonoids	3.10E+06	3.18E+06	3.30E+06	8.90E+04	8.49E+04	9.79E+04	1.64E+06	1.66E+06	1.61E+06
17	Quercetin-3-O-glucosyl(1→4)rhamnoside-7-O-rutinoside	Flavonoids	7.30E+05	7.06E+05	7.30E+05	2.21E+04	1.89E+04	2.33E+04	3.76E+05	3.70E+05	3.70E+05
18	Catechin gallate	Flavonoids	1.17E+06	1.19E+06	1.14E+06	5.10E+04	4.21E+04	5.07E+04	6.03E+05	6.08E+05	6.13E+05
19	Epicatechin gallate	Flavonoids	1.26E+06	1.18E+06	1.17E+06	4.67E+04	5.19E+04	6.33E+04	6.38E+05	6.17E+05	6.41E+05
20	Procyanidin B2	Flavonoids	1.51E+06	1.44E+06	1.70E+06	1.05E+05	8.87E+04	9.68E+04	8.50E+05	8.37E+05	7.85E+05
21	Rhodioldigin	Flavonoids	4.74E+04	5.43E+04	4.97E+04	3.46E+03	3.03E+03	3.84E+03	2.60E+04	2.78E+04	2.72E+04
22	Quercetin-3-O-rutinoside-7-O-glucoside	Flavonoids	9.85E+06	9.27E+06	9.08E+06	5.74E+05	7.10E+05	6.97E+05	5.08E+06	4.90E+06	5.13E+06
23	Sachaloside IV	Flavonoids	8.23E+06	6.55E+06	7.73E+06	4.68E+05	6.37E+05	5.30E+05	4.28E+06	3.82E+06	3.98E+06
24	Phloretin	Flavonoids	1.11E+07	1.11E+07	1.14E+07	9.30E+05	9.53E+05	9.22E+05	6.08E+06	6.08E+06	6.01E+06
25	Kaempferol-3-O-rhamnoside (Afzelin)(Kaempferin)	Flavonoids	1.06E+06	1.12E+06	1.10E+06	1.03E+05	9.15E+04	1.09E+05	5.90E+05	6.09E+05	5.97E+05
26	Quercetin-3-O-neohesperidoside	Flavonoids	6.83E+05	6.82E+05	8.20E+05	6.22E+04	7.62E+04	7.58E+04	4.14E+05	4.10E+05	3.79E+05
27	Rhodonidin	Flavonoids	3.73E+06	4.14E+06	3.88E+06	3.61E+05	3.91E+05	4.12E+05	2.10E+06	2.20E+06	2.17E+06
28	Quercetin-3-O-(2"-O-rhamnosyl)galactoside	Flavonoids	6.70E+05	6.53E+05	7.48E+05	7.27E+04	7.05E+04	7.02E+04	3.90E+05	3.86E+05	3.66E+05
29	Procyanidin C1 3'-O-gallate	Flavonoids	6.31E+04	7.44E+04	6.82E+04	6.64E+03	9.16E+03	5.85E+03	3.66E+04	3.88E+04	3.81E+04
30	Procyanidin B4	Flavonoids	3.68E+05	4.11E+05	3.78E+05	4.74E+04	4.12E+04	3.83E+04	2.06E+05	2.19E+05	2.15E+05
31	6-C-MethylKaempferol-3-glucoside	Flavonoids	1.94E+06	1.53E+06	2.11E+06	2.30E+05	2.37E+05	2.36E+05	1.13E+06	1.03E+06	9.84E+05
32	Pinocembrin (Dihydrochrysin)	Flavonoids	1.33E+05	1.24E+05	1.27E+05	1.86E+04	1.64E+04	1.84E+04	7.36E+04	7.20E+04	7.27E+04
33	Dihydrokaempferol	Flavonoids	3.04E+05	3.30E+05	3.37E+05	5.23E+04	4.30E+04	5.01E+04	1.83E+05	1.92E+05	1.82E+05
34	Aromadendrin-7-O-glucoside	Flavonoids	7.88E+05	7.61E+05	7.97E+05	1.25E+05	1.27E+05	1.26E+05	4.60E+05	4.52E+05	4.51E+05
35	6,7,8-Tetrahydroxy-5-methoxyflavone	Flavonoids	3.29E+05	3.54E+05	3.44E+05	5.96E+04	5.69E+04	6.39E+04	1.98E+05	2.05E+05	2.01E+05
36	Hispidulin (5,7,4'-Trihydroxy-6-methoxyflavone)	Flavonoids	3.25E+05	3.47E+05	3.30E+05	6.27E+04	6.25E+04	5.89E+04	1.94E+05	2.00E+05	1.98E+05
37	Rhamnocitrin (7-Methylkaempferol)	Flavonoids	3.29E+05	3.37E+05	3.29E+05	6.33E+04	5.97E+04	6.33E+04	1.95E+05	1.98E+05	1.97E+05
38	Kaempferol-3-O-neohesperidoside	Flavonoids	6.68E+06	7.40E+06	7.01E+06	1.59E+06	1.06E+06	1.69E+06	4.11E+06	4.42E+06	4.21E+06
39	Rhodosin	Flavonoids	1.05E+06	1.03E+06	1.10E+06	2.60E+05	2.36E+05	2.58E+05	6.61E+05	6.61E+05	6.44E+05
40	Hesperetin-7-O-rutinoside (Hesperidin)	Flavonoids	1.47E+06	1.68E+06	1.56E+06	4.16E+05	3.88E+05	3.65E+05	9.44E+05	1.01E+06	9.76E+05
41	2,4,2',4'-tetrahydroxy-3'-prenylchalcone	Flavonoids	2.82E+05	2.43E+05	2.89E+05	7.24E+04	5.25E+04	8.19E+04	1.76E+05	1.72E+05	1.65E+05
42	Kaempferol-6,8-di-C-glucoside-7-O-glucoside	Flavonoids	1.10E+06	9.68E+05	9.26E+05	2.65E+05	2.79E+05	2.65E+05	6.44E+05	6.06E+05	6.54E+05

43	Procyanidin B1	Flavonoids	7.21E+04	8.63E+04	7.39E+04	2.18E+04	2.17E+04	2.18E+04	4.74E+04	5.10E+04	5.05E+04
44	Quercetin-3',4'-dimethyl ether	Flavonoids	1.82E+04	2.03E+04	1.54E+04	4.99E+03	4.83E+03	5.96E+03	1.11E+04	1.17E+04	1.23E+04
45	3',4',7-Trihydroxyflavone	Flavonoids	3.00E+04	2.66E+04	2.00E+04	7.97E+03	6.21E+03	8.88E+03	1.63E+04	1.59E+04	1.79E+04
46	Rhodiolin	Flavonoids	3.25E+07	3.27E+07	3.17E+07	9.96E+06	9.60E+06	1.10E+07	2.12E+07	2.14E+07	2.15E+07
47	Procyanidin C2	Flavonoids	1.03E+04	7.23E+03	8.29E+03	3.09E+03	2.76E+03	3.71E+03	6.26E+03	5.58E+03	5.99E+03
48	Isorhamnetin-3-O-arabinoside	Flavonoids	7.59E+03	1.10E+04	1.43E+04	4.64E+03	3.77E+03	4.53E+03	7.56E+03	8.64E+03	6.73E+03
49	Quercetin-5-O-(6"-malonyl)glucosyl-5-O-glucoside	Flavonoids	4.43E+04	4.38E+04	4.81E+04	5.86E+04	4.47E+04	5.37E+04	4.77E+04	5.11E+04	4.66E+04
50	Catechin	Flavonoids	9.03E+05	8.04E+05	7.93E+05	3.16E+05	3.39E+05	3.56E+05	5.98E+05	5.67E+05	6.01E+05
51	(-)-Epicatechin-3-(3"-O-methyl)gallate	Flavonoids	4.15E+04	4.25E+04	5.40E+04	1.86E+04	1.99E+04	1.78E+04	3.33E+04	3.33E+04	3.05E+04
52	Luteolin-7-O-neohesperidoside (Lonicerin)	Flavonoids	3.48E+06	3.65E+06	3.52E+06	1.45E+06	1.52E+06	1.52E+06	2.51E+06	2.53E+06	2.54E+06
53	Kaempferol-7-O-rhamnoside	Flavonoids	1.13E+05	8.76E+04	8.71E+04	3.75E+04	3.77E+04	4.73E+04	7.12E+04	6.49E+04	7.13E+04
54	Luteolin-7-O-rutinoside	Flavonoids	5.41E+06	5.96E+06	5.33E+06	2.53E+06	2.60E+06	2.54E+06	3.97E+06	4.09E+06	4.13E+06
55	Isorhamnetin	Flavonoids	7.04E+04	8.01E+04	6.80E+04	7.94E+04	7.01E+04	7.70E+04	7.14E+04	7.61E+04	7.44E+04
56	Procyanidin C1	Flavonoids	8.90E+03	6.87E+03	7.31E+03	3.01E+03	5.22E+03	2.73E+03	6.04E+03	4.98E+03	5.93E+03
57	Phloretin-2'-O-glucoside (Phlorizin)	Flavonoids	2.48E+05	3.08E+05	2.79E+05	1.40E+05	1.27E+05	1.47E+05	2.01E+05	2.19E+05	2.08E+05
58	Dihydroquercetin(Taxifolin)	Flavonoids	1.43E+06	1.41E+06	1.68E+06	8.68E+05	8.84E+05	8.45E+05	1.21E+06	1.20E+06	1.14E+06
59	Dihydrocharcone-4'-O-glucoside	Flavonoids	2.96E+06	3.07E+06	2.43E+06	1.83E+06	2.06E+06	1.88E+06	2.33E+06	2.30E+06	2.49E+06
60	Kaempferol-3-O-neohesperidoside-7-O-glucoside	Flavonoids	1.20E+05	1.23E+05	1.22E+05	1.09E+05	1.03E+05	9.80E+04	1.11E+05	1.13E+05	1.11E+05
61	Quercetin-3-O-galactoside (Hyperin)	Flavonoids	5.98E+05	5.81E+05	6.21E+05	5.56E+05	5.56E+05	4.57E+05	5.58E+05	5.54E+05	5.48E+05
62	Kaempferol-7-O-glucoside	Flavonoids	5.69E+05	6.58E+05	5.60E+05	4.87E+05	6.63E+05	4.39E+05	5.58E+05	5.36E+05	5.82E+05
63	Kaempferol-3-O-galactoside (Trifolin)	Flavonoids	5.49E+05	6.71E+05	5.97E+05	7.46E+05	5.96E+05	4.38E+05	5.45E+05	6.13E+05	5.64E+05
64	Procyanidin B3	Flavonoids	1.82E+05	1.86E+05	1.97E+05	2.17E+05	1.95E+05	2.35E+05	2.02E+05	2.08E+05	1.99E+05
65	Tricetin (5,7,3',4',5'-Pentahydroxyflavone)	Flavonoids	6.06E+04	6.05E+04	7.62E+04	4.13E+04	4.18E+04	3.31E+04	5.29E+04	5.28E+04	4.90E+04
66	Eriodictyol-7-O-glucoside	Flavonoids	1.63E+05	1.70E+05	1.57E+05	1.53E+05	2.47E+05	1.73E+05	1.85E+05	1.63E+05	1.88E+05
67	Eriodictyol (5,7,3',4'-Tetrahydroxyflavanone)	Flavonoids	1.01E+07	1.05E+07	1.01E+07	1.22E+07	1.21E+07	1.27E+07	1.13E+07	1.14E+07	1.13E+07
68	Dihydrokaempferol-3-O-glucoside	Flavonoids	9.48E+05	9.70E+05	9.53E+05	1.16E+06	1.22E+06	1.16E+06	1.07E+06	1.06E+06	1.07E+06
69	Quercetin-3-O-rhamnoside(Quercitrin)	Flavonoids	2.58E+05	2.75E+05	2.46E+05	4.05E+05	3.52E+05	3.78E+05	3.08E+05	3.26E+05	3.16E+05
70	Apigenin	Flavonoids	8.74E+03	8.81E+03	8.26E+03	1.42E+04	1.15E+04	1.18E+04	1.01E+04	1.08E+04	1.02E+04
71	Luteolin (5,7,3',4'-Tetrahydroxyflavone)	Flavonoids	2.52E+06	2.68E+06	2.62E+06	4.13E+06	4.25E+06	4.22E+06	3.40E+06	3.41E+06	3.42E+06
72	5,7,3',4',5'-Pentahydroxydihydroflavone	Flavonoids	3.41E+05	3.38E+05	3.74E+05	5.85E+05	6.34E+05	5.60E+05	4.77E+05	4.64E+05	4.68E+05
73	Quercetin-3-O-(2"-Galloyl)Arabinoside	Flavonoids	4.00E+04	3.52E+04	3.15E+04	7.35E+04	5.61E+04	5.96E+04	4.68E+04	5.00E+04	4.77E+04
74	Kaempferol (3,5,7,4'-Tetrahydroxyflavone)	Flavonoids	4.38E+06	4.65E+06	4.19E+06	8.54E+06	8.52E+06	8.58E+06	6.42E+06	6.49E+06	6.53E+06
75	Isoluteolin (Orobol)(5,7,3',4'-tetrahydroxyisoflavone)	Flavonoids	3.21E+05	3.55E+05	3.13E+05	7.27E+05	6.90E+05	6.96E+05	5.05E+05	5.23E+05	5.15E+05
76	Naringenin-7-O-glucoside (Prunin)	Flavonoids	3.18E+05	2.95E+05	3.45E+05	7.09E+05	7.24E+05	7.19E+05	5.27E+05	5.17E+05	5.14E+05
77	8-Prenylkaempferol	Flavonoids	1.80E+03	1.07E+03	2.54E+03	7.16E+03	6.10E+03	5.33E+03	3.94E+03	4.02E+03	3.58E+03
78	Dihydrokaempferol-7-O-glucoside	Flavonoids	6.10E+05	6.14E+05	4.78E+05	2.94E+06	2.69E+06	3.38E+06	1.79E+06	1.85E+06	1.82E+06
79	Eriodictyol-7-O-glucoside	Flavonoids	6.25E+05	6.03E+05	4.15E+05	2.99E+06	2.86E+06	2.92E+06	1.71E+06	1.73E+06	1.75E+06
80	Epigallocatechin	Flavonoids	4.93E+03	5.33E+03	1.61E+04	5.43E+04	4.84E+04	4.95E+04	2.97E+04	3.13E+04	2.70E+04
81	Isosalipurposide (Phlorizin Chalcone)	Flavonoids	8.59E+04	6.24E+04	8.25E+04	5.71E+05	5.88E+05	6.01E+05	3.39E+05	3.29E+05	3.34E+05
82	Naringenin (5,7,4'-Trihydroxyflavanone)	Flavonoids	2.38E+06	2.37E+06	2.32E+06	8.49E+05	8.10E+05	8.87E+05	1.60E+06	1.60E+06	1.61E+06
83	Pinobanksin	Flavonoids	2.39E+06	2.35E+06	2.22E+06	8.65E+05	8.32E+05	8.65E+05	1.58E+06	1.57E+06	1.61E+06
84	Quercetin-7-O-rutinoside	Flavonoids	3.20E+05	2.67E+05	2.35E+05	2.99E+06	2.99E+06	2.86E+06	1.60E+06	1.59E+06	1.61E+06
85	Quercetin-3-O-(2"-O-glucosyl)glucuronide	Flavonoids	6.59E+04	6.00E+04	6.09E+04	7.27E+05	6.54E+05	6.91E+05	3.68E+05	3.85E+05	3.68E+05
86	Naringenin chalcone	Flavonoids	1.67E+06	1.72E+06	1.69E+06	5.24E+05	4.91E+05	5.41E+05	1.10E+06	1.12E+06	1.10E+06

87	Kaempferol-4'-O-glucoside	Flavonoids	5.50E+05	5.60E+05	5.57E+05	1.02E+07	1.05E+07	9.54E+06	5.28E+06	5.20E+06	5.28E+06
88	Luteolin-3'-O-glucoside	Flavonoids	5.67E+05	5.33E+05	5.36E+05	1.05E+07	1.01E+07	1.03E+07	5.36E+06	5.46E+06	5.36E+06
89	Rhodioglin	Flavonoids	2.98E+05	2.59E+05	2.90E+05	5.51E+06	5.22E+06	5.35E+06	2.79E+06	2.85E+06	2.78E+06
90	Quercetin-3-O-rutinoside (Rutin)	Flavonoids	2.49E+05	1.93E+05	1.63E+05	4.40E+06	3.79E+06	4.15E+06	2.09E+06	2.23E+06	2.09E+06
91	6-Hydroxykaempferol-7-O-glucoside	Flavonoids	2.71E+05	2.89E+05	3.04E+05	6.33E+06	6.79E+06	4.56E+06	2.98E+06	2.87E+06	2.98E+06
92	Cyanidin-3-O-sophoroside-5-O-glucoside	Flavonoids	1.70E+04	1.42E+04	2.02E+04	3.96E+05	4.05E+05	4.46E+05	2.22E+05	2.19E+05	2.21E+05
93	Quercetin-3-O-xyloside (Reynoutrin)	Flavonoids	3.90E+04	3.39E+04	3.30E+04	1.07E+06	1.11E+06	1.05E+06	5.57E+05	5.45E+05	5.57E+05
94	Herbacetin	Flavonoids	8.11E+03	7.33E+03	8.69E+03	3.51E+05	2.61E+05	2.36E+05	1.28E+05	1.51E+05	1.28E+05
95	Quercetin	Flavonoids	1.69E+05	1.71E+05	1.59E+05	7.45E+06	7.20E+06	7.40E+06	3.73E+06	3.80E+06	3.74E+06
96	Spiraeoside	Flavonoids	5.40E+05	6.01E+05	4.73E+05	2.53E+07	2.45E+07	2.74E+07	1.32E+07	1.35E+07	1.33E+07
97	Quercetin-3-O-glucoside (Isoquercitrin)	Flavonoids	5.27E+05	6.41E+05	6.59E+05	3.13E+07	3.18E+07	3.28E+07	1.65E+07	1.64E+07	1.65E+07
98	Luteolin-7-O-glucoside (Cynaroside)	Flavonoids	1.06E+04	8.97E+03	2.32E+04	7.17E+05	8.37E+05	8.57E+05	4.32E+05	4.01E+05	4.28E+05
99	Quercetin-3-O-(6"-galloyl)galactoside	Flavonoids	2.04E+04	2.29E+04	3.28E+04	2.41E+06	2.46E+06	2.78E+06	1.32E+06	1.31E+06	1.32E+06
100	Rhodiolaflavonoside	Flavonoids	3.28E+05	3.08E+05	3.24E+05	4.24E+07	4.29E+07	4.34E+07	2.17E+07	2.16E+07	2.17E+07
101	6-Hydroxykaempferol-3,6-O-Diglucoside	Flavonoids	1.43E+05	1.65E+05	1.60E+05	3.08E+07	3.26E+07	3.23E+07	1.63E+07	1.59E+07	1.63E+07
102	Kaempferol-3-O-sambubioside	Flavonoids	8.34E+04	8.62E+04	7.70E+04	1.85E+07	1.85E+07	1.86E+07	9.32E+06	9.32E+06	9.32E+06
103	Quercetin-3-O-sophoroside (Baimaside)	Flavonoids	5.90E+03	5.89E+03	4.05E+03	1.22E+06	1.23E+06	1.17E+06	6.03E+05	6.00E+05	6.03E+05
104	3-O-Acetylpinobanksin	Flavonoids	9.00E+00	9.00E+00	9.00E+00	4.40E+03	3.31E+03	7.64E+03	2.74E+03	3.02E+03	2.74E+03
105	Quercetin-3-O-methyl ether	Flavonoids	9.00E+00	9.00E+00	9.00E+00	1.21E+04	1.30E+04	4.82E+03	4.45E+03	4.23E+03	4.45E+03
106	Quercetin-3-O-apiosyl(1→2)galactoside	Flavonoids	8.23E+03	9.59E+03	9.00E+03	9.32E+06	1.02E+07	1.06E+07	5.20E+06	4.99E+06	5.20E+06
107	Quercetin-3-O-xylosyl(1→2)glucoside	Flavonoids	8.05E+03	5.69E+03	8.33E+03	9.23E+06	9.34E+06	1.02E+07	4.90E+06	4.87E+06	4.89E+06
108	Rhamnetin (7-O-Methxyl Quercetin)	Flavonoids	9.00E+00	9.00E+00	9.00E+00	1.36E+04	1.78E+04	1.30E+04	7.72E+03	6.66E+03	7.72E+03
109	Quercetin-3-O-(6"-O-arabinosyl)glucoside	Flavonoids	2.30E+04	2.21E+04	1.86E+04	4.01E+07	3.91E+07	4.01E+07	1.98E+07	2.00E+07	1.98E+07
110	Quercetin-3-O-sophorotrioside-7-O-arabinoside	Flavonoids	9.00E+00	9.00E+00	9.00E+00	2.93E+06	2.77E+06	2.70E+06	1.37E+06	1.41E+06	1.37E+06
111	Delphinidin-3-O-glucoside (Mirtillin)	Flavonoids	9.00E+00	9.00E+00	9.00E+00	6.48E+06	5.78E+06	6.53E+06	3.08E+06	3.25E+06	3.08E+06
112	Quercetin-3-O-xylosyl(1→2)glucosyl(1→2)glucoside	Flavonoids	9.00E+00	9.00E+00	9.00E+00	9.19E+06	9.40E+06	8.95E+06	4.59E+06	4.54E+06	4.59E+06
113	Methyl 6-O-galloyl-glucoside	Gallic acid derivatives	1.99E+04	2.02E+04	1.69E+04	9.00E+00	9.00E+00	9.00E+00	9.20E+03	9.26E+03	1.00E+04
114	Ethyl gallate	Gallic acid derivatives	3.27E+05	3.33E+05	3.17E+05	7.91E+03	1.15E+04	1.34E+04	1.67E+05	1.68E+05	1.71E+05
115	1-O-Galloyl-rhamnose	Gallic acid derivatives	2.60E+05	3.15E+05	2.78E+05	4.03E+04	5.75E+04	5.41E+04	1.62E+05	1.72E+05	1.71E+05
116	2-O-Salicyl-6-O-Galloyl-D-Glucose	Gallic acid derivatives	7.33E+06	8.30E+06	7.71E+06	1.85E+06	1.89E+06	1.95E+06	4.72E+06	4.95E+06	4.87E+06
117	2,3-Di-O-Galloyl-D-Glucose	Gallic acid derivatives	1.35E+07	9.65E+06	1.34E+07	3.05E+06	3.02E+06	3.01E+06	8.21E+06	7.27E+06	7.29E+06
118	1,2,3-Tri-O-galloyl-D-glucose	Gallic acid derivatives	3.23E+06	3.23E+06	3.45E+06	8.60E+05	8.04E+05	8.69E+05	2.09E+06	2.10E+06	2.04E+06
119	1,3,6-Tri-O-galloyl-D-glucose	Gallic acid derivatives	3.06E+06	3.15E+06	3.63E+06	9.45E+05	7.81E+05	8.70E+05	2.09E+06	2.15E+06	1.97E+06
120	Monogalloyl-diglucose	Gallic acid derivatives	4.59E+06	4.26E+06	4.55E+06	1.38E+06	1.37E+06	1.24E+06	2.94E+06	2.86E+06	2.87E+06
121	2,4,6-Tri-O-galloyl-D-glucose	Gallic acid derivatives	4.67E+06	4.68E+06	5.16E+06	1.87E+06	1.96E+06	1.96E+06	3.44E+06	3.42E+06	3.32E+06
122	3-O-Digalloyl-1,2,4,6-O-tetragalloyl-D-glucose	Gallic acid derivatives	1.24E+06	1.34E+06	1.14E+06	6.63E+05	7.13E+05	6.72E+05	9.42E+05	9.54E+05	9.91E+05
123	Ellagic acid	Gallic acid derivatives	6.92E+05	6.90E+05	6.14E+05	6.08E+05	4.87E+05	5.39E+05	5.83E+05	6.13E+05	6.02E+05
124	Gallic acid	Gallic acid derivatives	1.04E+07	1.10E+07	1.10E+07	1.14E+07	1.14E+07	1.12E+07	1.10E+07	1.12E+07	1.10E+07
125	1,7-Di-O-galloyl-D-sedoheptulose	Gallic acid derivatives	2.03E+06	2.78E+06	2.48E+06	2.96E+06	3.33E+06	2.65E+06	2.62E+06	2.72E+06	2.70E+06
126	1,6-Di-O-Galloyl-D-Glucose	Gallic acid derivatives	2.97E+06	2.48E+06	1.96E+06	2.88E+06	2.84E+06	3.48E+06	2.81E+06	2.70E+06	2.94E+06
127	2-O-Galloyl-glucose	Gallic acid derivatives	4.22E+06	4.16E+06	3.74E+06	5.89E+06	5.61E+06	5.51E+06	4.77E+06	4.83E+06	4.88E+06
128	3-Hydroxy-5-Methylphenol-1-O-(6"-Digalloyl)Glucoside	Gallic acid derivatives	6.11E+04	4.66E+04	4.42E+04	7.94E+04	7.07E+04	7.09E+04	6.17E+04	6.03E+04	6.23E+04
129	1,2,3,4,6-Penta-O-Galloyl-D-Glucose	Gallic acid derivatives	8.80E+06	7.29E+06	8.45E+06	1.20E+07	1.22E+07	1.20E+07	1.04E+07	9.96E+06	1.01E+07
130	1-O-Galloyl-D-glucose	Gallic acid derivatives	4.27E+06	3.97E+06	3.88E+06	6.62E+06	5.98E+06	5.98E+06	5.03E+06	5.11E+06	5.05E+06

131	4-O-Methylgallic Acid	Gallic acid derivatives	2.82E+06	2.75E+06	2.69E+06	4.49E+06	4.46E+06	4.26E+06	3.56E+06	3.55E+06	3.57E+06
132	3-O-Methylgallic Acid	Gallic acid derivatives	2.26E+06	2.52E+06	2.31E+06	3.79E+06	3.93E+06	3.89E+06	3.10E+06	3.13E+06	3.15E+06
133	1,2,3,6-Tetra-O-Galloyl-D-Glucose	Gallic acid derivatives	2.41E+07	2.52E+07	2.34E+07	4.37E+07	4.30E+07	4.21E+07	3.31E+07	3.36E+07	3.36E+07
134	6-O-Galloyl-glucose	Gallic acid derivatives	9.05E+05	7.94E+05	9.02E+05	2.25E+06	2.10E+06	2.11E+06	1.50E+06	1.51E+06	1.48E+06
135	Digallic Acid	Gallic acid derivatives	1.80E+07	1.92E+07	1.72E+07	4.67E+07	4.85E+07	4.45E+07	3.21E+07	3.19E+07	3.26E+07
136	2,3-O-Digalloyl-1,4,6-tri-O-galloyl-glucose	Gallic acid derivatives	1.04E+06	7.51E+05	9.86E+05	3.77E+06	3.67E+06	3.79E+06	2.37E+06	2.32E+06	2.31E+06
137	Galloyl Methyl gallate	Gallic acid derivatives	2.24E+07	2.13E+07	2.22E+07	1.03E+08	1.01E+08	9.52E+07	6.03E+07	6.05E+07	6.01E+07
138	p-Dimeric galloyl methyl ester	Gallic acid derivatives	1.49E+06	1.28E+06	1.45E+06	7.82E+06	7.84E+06	7.22E+06	4.50E+06	4.44E+06	4.46E+06
139	Di-O-galloyl Methyl gallate	Gallic acid derivatives	4.59E+04	4.61E+04	4.76E+04	4.72E+05	4.76E+05	4.47E+05	2.54E+05	2.53E+05	2.54E+05
140	1,3-Trigallic acid	Gallic acid derivatives	5.54E+05	4.74E+05	4.84E+05	1.76E+07	1.95E+07	1.75E+07	9.50E+06	9.00E+06	9.50E+06
141	1,4-Trigallic acid	Gallic acid derivatives	4.76E+04	5.20E+04	5.63E+04	2.19E+06	1.83E+06	1.96E+06	9.71E+05	1.06E+06	9.70E+05
142	4-O-(6'-O-Glucosylcaffeoylglucosyl)-4-hydroxybenzyl alcohol	Phenylpropanoids	2.42E+06	2.01E+06	2.30E+06	9.00E+00	9.00E+00	9.00E+00	1.18E+06	1.08E+06	1.11E+06
143	3,4-Dihydroxybenzeneacetic acid	Phenylpropanoids	8.92E+05	9.16E+05	8.58E+05	9.00E+00	9.00E+00	9.00E+00	4.37E+05	4.44E+05	4.52E+05
144	Coniferyl alcohol	Phenylpropanoids	2.04E+05	2.07E+05	2.03E+05	9.00E+00	9.00E+00	9.00E+00	1.02E+05	1.03E+05	1.03E+05
145	Matairesinol	Phenylpropanoids	1.15E+05	1.15E+05	1.03E+05	9.00E+00	9.00E+00	9.00E+00	5.45E+04	5.44E+04	5.76E+04
146	3-hydroxybenzaldehyde	Phenylpropanoids	5.98E+04	6.39E+04	4.84E+04	9.00E+00	9.00E+00	9.00E+00	2.71E+04	2.81E+04	3.09E+04
147	1'-O-(3,4-Dihydroxyphenethyl)-O-caffeoyl-glucoside	Phenylpropanoids	5.21E+04	5.48E+04	5.04E+04	9.00E+00	9.00E+00	9.00E+00	2.56E+04	2.63E+04	2.67E+04
148	Isoeugenol	Phenylpropanoids	1.42E+04	1.65E+04	2.07E+04	9.00E+00	9.00E+00	9.00E+00	8.73E+03	9.31E+03	7.68E+03
149	Benzyl glucoside	Phenylpropanoids	9.00E+00	1.55E+04	2.10E+04	9.00E+00	9.00E+00	9.00E+00	5.25E+03	9.13E+03	3.89E+03
150	3-O-p-Coumaroylquinic acid	Phenylpropanoids	1.30E+04	8.37E+03	1.10E+04	9.00E+00	9.00E+00	9.00E+00	6.02E+03	4.85E+03	5.36E+03
151	2-Hydroxycinnamic acid	Phenylpropanoids	5.63E+06	5.61E+06	5.64E+06	1.62E+05	1.58E+05	2.05E+05	2.91E+06	2.90E+06	2.90E+06
152	5'-Methoxyisolaricresinol-9'-O-glucoside	Phenylpropanoids	3.31E+05	3.48E+05	3.08E+05	1.34E+04	1.75E+04	1.36E+04	1.67E+05	1.71E+05	1.77E+05
153	p-Coumaryl alcohol	Phenylpropanoids	3.16E+06	3.27E+06	3.28E+06	1.51E+05	1.57E+05	1.47E+05	1.68E+06	1.71E+06	1.68E+06
154	Phenylpyruvic acid	Phenylpropanoids	2.60E+06	3.01E+06	2.57E+06	1.18E+05	1.20E+05	1.47E+05	1.36E+06	1.46E+06	1.47E+06
155	3,4-Digalloylshikimic acid	Phenylpropanoids	1.19E+07	1.20E+07	1.22E+07	5.18E+05	6.13E+05	5.85E+05	6.33E+06	6.32E+06	6.28E+06
156	Isolaricresinol-9'-O-glucoside	Phenylpropanoids	5.13E+06	5.27E+06	5.04E+06	2.70E+05	2.51E+05	2.76E+05	2.67E+06	2.71E+06	2.73E+06
157	3-(4-Hydroxyphenyl)-propionic acid	Phenylpropanoids	6.42E+05	6.74E+05	6.07E+05	4.03E+04	2.76E+04	3.88E+04	3.29E+05	3.40E+05	3.46E+05
158	Ferulic acid	Phenylpropanoids	7.37E+06	8.14E+06	8.21E+06	4.62E+05	3.72E+05	4.95E+05	4.11E+06	4.33E+06	4.09E+06
159	Tyrosol	Phenylpropanoids	3.30E+06	3.19E+06	3.27E+06	2.11E+05	2.21E+05	2.47E+05	1.76E+06	1.73E+06	1.74E+06
160	Coniferin	Phenylpropanoids	5.92E+06	5.67E+06	5.51E+06	4.52E+05	4.67E+05	4.09E+05	3.08E+06	3.01E+06	3.12E+06
161	1-O-[(E)-Caffeoyl]-D-glucose	Phenylpropanoids	4.90E+06	4.36E+06	4.15E+06	3.72E+05	3.59E+05	3.46E+05	2.44E+06	2.31E+06	2.49E+06
162	p-Coumaric acid	Phenylpropanoids	1.51E+07	1.57E+07	1.51E+07	1.34E+06	1.06E+06	1.68E+06	8.24E+06	8.46E+06	8.40E+06
163	6-O-Caffeoyl-D-glucose	Phenylpropanoids	4.50E+06	4.14E+06	4.24E+06	4.15E+05	3.67E+05	3.74E+05	2.37E+06	2.29E+06	2.35E+06
164	Methyl ferulate	Phenylpropanoids	5.48E+05	5.92E+05	5.44E+05	5.06E+04	5.17E+04	5.58E+04	3.00E+05	3.11E+05	3.12E+05
165	4-Hydroxybenzoic acid	Phenylpropanoids	2.50E+06	2.50E+06	2.52E+06	2.49E+05	2.28E+05	2.46E+05	1.37E+06	1.38E+06	1.37E+06
166	Protocatechuic aldehyde	Phenylpropanoids	2.78E+06	3.05E+06	2.94E+06	2.84E+05	2.96E+05	3.05E+05	1.58E+06	1.65E+06	1.61E+06
167	3-O-Digalloyl quinic acid	Phenylpropanoids	1.73E+05	1.99E+05	1.94E+05	2.24E+04	1.36E+04	2.42E+04	1.01E+05	1.10E+05	1.02E+05
168	3,4-Dimethoxycinnamic acid	Phenylpropanoids	2.72E+05	2.96E+05	2.59E+05	3.07E+04	2.90E+04	2.92E+04	1.47E+05	1.54E+05	1.57E+05
169	Vanillic acid	Phenylpropanoids	2.00E+06	2.04E+06	2.02E+06	1.95E+05	2.15E+05	2.43E+05	1.12E+06	1.13E+06	1.12E+06
170	Salicin	Phenylpropanoids	9.54E+04	9.04E+04	1.07E+05	1.23E+04	1.14E+04	8.73E+03	5.56E+04	5.46E+04	5.15E+04
171	4-Hydroxyacetophenone	Phenylpropanoids	1.04E+05	1.11E+05	1.09E+05	1.33E+04	1.18E+04	1.34E+04	5.95E+04	6.15E+04	6.00E+04
172	Coniferaldehyde	Phenylpropanoids	4.15E+05	4.14E+05	3.97E+05	5.43E+04	4.26E+04	5.76E+04	2.28E+05	2.31E+05	2.32E+05
173	3,4,5-Trimethoxyphenyl-1-O-Glucoside	Phenylpropanoids	1.02E+07	1.04E+07	9.15E+06	1.58E+06	1.41E+06	1.43E+06	5.55E+06	5.64E+06	5.86E+06
174	1-O-Feruloylquinic acid	Phenylpropanoids	7.26E+05	7.53E+05	7.53E+05	1.18E+05	1.06E+05	1.29E+05	4.28E+05	4.38E+05	4.28E+05

175	Scopoletin-7-O-glucuronide	Phenylpropanoids	5.56E+05	5.62E+05	5.62E+05	8.10E+04	9.80E+04	8.97E+04	3.26E+05	3.24E+05	3.26E+05
176	3-O-Feruloylquinic acid	Phenylpropanoids	4.80E+04	4.01E+04	5.50E+04	9.33E+03	5.88E+03	7.95E+03	2.92E+04	2.81E+04	2.55E+04
177	4,7,9,9'-Tetrahydroxy-3,3'-dimethoxy-8-O-4'-neolignan	Phenylpropanoids	1.69E+05	1.94E+05	1.81E+05	2.85E+04	2.46E+04	3.51E+04	1.02E+05	1.10E+05	1.06E+05
178	Caffeic acid	Phenylpropanoids	7.23E+06	7.51E+06	7.15E+06	1.19E+06	1.10E+06	1.30E+06	4.19E+06	4.29E+06	4.28E+06
179	Salicylic acid	Phenylpropanoids	4.83E+06	5.36E+06	4.95E+06	8.19E+05	7.85E+05	9.11E+05	2.87E+06	3.01E+06	2.97E+06
180	Salidroside	Phenylpropanoids	1.62E+07	1.44E+07	1.40E+07	2.40E+06	2.51E+06	2.52E+06	8.80E+06	8.34E+06	8.90E+06
181	Syringaldehyde-4-O-glucoside	Phenylpropanoids	6.04E+05	5.16E+05	5.58E+05	8.61E+04	1.14E+05	8.86E+04	3.41E+05	3.12E+05	3.31E+05
182	p-Coumaroylquinic acid-4'-O-glucuronide	Phenylpropanoids	8.00E+04	8.84E+04	7.46E+04	1.45E+04	1.46E+04	1.31E+04	4.56E+04	4.76E+04	4.90E+04
183	Trans-5-O-(p-Coumaroyl)shikimate	Phenylpropanoids	2.08E+05	2.01E+05	1.76E+05	3.47E+04	3.85E+04	2.93E+04	1.13E+05	1.10E+05	1.19E+05
184	Epipinoresinol	Phenylpropanoids	8.15E+05	8.27E+05	7.80E+05	1.50E+05	1.38E+05	1.60E+05	4.73E+05	4.79E+05	4.85E+05
185	3-O-p-Coumaroylquinic acid O-glucoside	Phenylpropanoids	4.66E+04	4.79E+04	4.14E+04	6.68E+03	5.72E+03	1.27E+04	2.66E+04	2.72E+04	2.83E+04
186	Pinoresinol	Phenylpropanoids	8.08E+05	7.47E+05	7.48E+05	1.49E+05	1.45E+05	1.60E+05	4.65E+05	4.51E+05	4.65E+05
187	Dihydrocaffeoylglucose	Phenylpropanoids	5.59E+05	5.16E+05	5.74E+05	1.10E+05	1.16E+05	1.01E+05	3.38E+05	3.26E+05	3.23E+05
188	6-O-Caffeoylarbutin	Phenylpropanoids	6.63E+04	6.58E+04	6.87E+04	9.02E+03	9.35E+03	2.21E+04	4.16E+04	4.14E+04	4.09E+04
189	Vanillin	Phenylpropanoids	5.55E+06	6.31E+06	5.98E+06	1.21E+06	1.17E+06	1.30E+06	3.50E+06	3.70E+06	3.58E+06
190	Salicylic acid-2-O-glucoside	Phenylpropanoids	2.58E+07	2.59E+07	2.48E+07	6.34E+06	5.98E+06	5.97E+06	1.56E+07	1.58E+07	1.59E+07
191	2-phenylethyl- D-β- glucopyranoside	Phenylpropanoids	4.59E+05	4.13E+05	3.88E+05	1.12E+05	1.11E+05	1.14E+05	2.68E+05	2.57E+05	2.74E+05
192	Neochlorogenic acid(5-O-Caffeoylquinic acid)	Phenylpropanoids	1.07E+05	7.37E+04	7.72E+04	2.69E+04	2.53E+04	1.99E+04	5.74E+04	4.94E+04	5.65E+04
193	3-O-p-Coumaroylshikimic acid	Phenylpropanoids	1.67E+04	1.42E+04	1.86E+04	5.84E+03	4.16E+03	3.81E+03	1.08E+04	1.06E+04	9.70E+03
194	Pinoresinol-4-O-glucoside	Phenylpropanoids	1.24E+06	1.43E+06	1.32E+06	4.05E+05	4.41E+05	3.91E+05	8.50E+05	8.87E+05	8.76E+05
195	p-Coumaraldehyde	Phenylpropanoids	7.27E+04	7.03E+04	6.80E+04	2.07E+04	2.66E+04	2.39E+04	4.78E+04	4.57E+04	4.84E+04
196	Vanillic acid-4-O-glucoside	Phenylpropanoids	8.95E+04	9.98E+04	1.03E+05	3.76E+04	3.11E+04	3.10E+04	6.36E+04	6.78E+04	6.28E+04
197	Mandelic acid	Phenylpropanoids	1.66E+05	1.61E+05	1.59E+05	5.65E+04	6.34E+04	7.06E+04	1.15E+05	1.12E+05	1.15E+05
198	4-O-Glucosyl-4-hydroxybenzoic acid	Phenylpropanoids	1.16E+06	1.02E+06	1.20E+06	5.36E+05	4.27E+05	5.49E+05	8.35E+05	8.27E+05	7.91E+05
199	Dicafeoylquinic acid-O-glucoside	Phenylpropanoids	4.63E+04	5.72E+04	4.90E+04	2.37E+04	2.78E+04	1.91E+04	3.55E+04	3.73E+04	3.76E+04
200	1-O-Salicyl-D-glucose	Phenylpropanoids	2.90E+06	2.87E+06	2.93E+06	1.61E+06	1.45E+06	1.53E+06	2.20E+06	2.23E+06	2.19E+06
201	Chlorogenic acid	Phenylpropanoids	1.21E+05	9.57E+04	1.10E+05	6.24E+04	6.85E+04	5.26E+04	8.81E+04	8.01E+04	8.46E+04
202	3-Methyl-4,8-dihydroxy-3,4-dihydroisocoumarin	Phenylpropanoids	4.04E+04	3.67E+04	3.15E+04	2.38E+04	2.35E+04	1.95E+04	2.87E+04	2.79E+04	3.00E+04
203	2,4,6-Trihydroxybenzoic acid	Phenylpropanoids	4.63E+06	4.62E+06	4.21E+06	2.95E+06	3.02E+06	2.34E+06	3.55E+06	3.53E+06	3.65E+06
204	4-Hydroxybenzaldehyde	Phenylpropanoids	6.62E+05	6.44E+05	6.19E+05	4.17E+05	3.94E+05	4.08E+05	5.21E+05	5.22E+05	5.27E+05
205	Caffeoyl(p-Hydroxybenzoyl)tartaric acid	Phenylpropanoids	4.03E+04	5.07E+04	4.12E+04	3.23E+04	2.52E+04	3.19E+04	3.46E+04	3.90E+04	3.70E+04
206	Syringoylcaffeoylquinic acid-D-glucose	Phenylpropanoids	1.27E+04	1.07E+04	6.89E+03	6.24E+03	3.12E+03	1.14E+04	8.53E+03	8.80E+03	9.48E+03
207	Cinnamic acid	Phenylpropanoids	7.71E+04	8.36E+04	8.34E+04	5.75E+04	5.58E+04	5.42E+04	6.76E+04	6.97E+04	6.77E+04
208	Esculetin	Phenylpropanoids	2.81E+06	2.97E+06	2.99E+06	2.12E+06	1.98E+06	2.00E+06	2.45E+06	2.52E+06	2.44E+06
209	(S)-2-Hydroxy-3-(4-Hydroxyphenyl)Propanoic Acid	Phenylpropanoids	4.52E+04	5.15E+04	5.17E+04	4.33E+04	2.80E+04	3.89E+04	4.09E+04	4.63E+04	4.09E+04
210	Methyl 2,4-dihydroxyphenylacetate	Phenylpropanoids	4.31E+04	3.92E+04	4.67E+04	3.23E+04	3.18E+04	3.32E+04	3.87E+04	3.78E+04	3.68E+04
211	1-O-[(E)-p-Coumaroyl]-D-glucose	Phenylpropanoids	2.62E+06	2.84E+06	2.52E+06	2.01E+06	1.98E+06	2.15E+06	2.32E+06	2.38E+06	2.40E+06
212	3,4,5-Tricafeoylquinic acid	Phenylpropanoids	1.10E+05	8.40E+04	9.31E+04	7.16E+04	7.37E+04	7.70E+04	8.83E+04	8.14E+04	8.60E+04
213	2,6-Di-t-butylphenol	Phenylpropanoids	7.23E+05	5.99E+05	7.84E+05	4.97E+05	5.76E+05	6.45E+05	6.82E+05	6.31E+05	6.36E+05
214	Daphnetin	Phenylpropanoids	2.90E+05	2.81E+05	2.82E+05	2.68E+05	2.32E+05	2.35E+05	2.60E+05	2.66E+05	2.60E+05
215	Phthalic anhydride	Phenylpropanoids	1.19E+06	1.15E+06	1.27E+06	1.06E+06	1.09E+06	1.13E+06	1.17E+06	1.15E+06	1.14E+06
216	5-Galloylshikimic acid	Phenylpropanoids	1.26E+06	1.29E+06	1.19E+06	1.21E+06	1.46E+06	1.21E+06	1.28E+06	1.22E+06	1.30E+06
217	3,4-Dihydroxybenzoic acid (Protocatechuic acid)	Phenylpropanoids	1.35E+07	1.37E+07	1.40E+07	1.39E+07	1.40E+07	1.50E+07	1.41E+07	1.42E+07	1.41E+07
218	2,5-Dihydroxybenzoic acid	Phenylpropanoids	5.90E+06	5.96E+06	6.01E+06	6.40E+06	6.00E+06	6.73E+06	6.16E+06	6.28E+06	6.15E+06

219	2,3-Dihydroxybenzoic Acid	Phenylpropanoids	1.21E+07	1.15E+07	1.19E+07	1.41E+07	1.22E+07	1.34E+07	1.24E+07	1.27E+07	1.23E+07
220	p-Hydroxyphenyl acetic acid	Phenylpropanoids	7.89E+04	8.43E+04	7.87E+04	9.73E+04	1.14E+05	1.06E+05	9.44E+04	9.15E+04	9.58E+04
221	4-MethoxycinnaMaldehyde	Phenylpropanoids	5.69E+04	5.74E+04	6.09E+04	6.73E+04	8.80E+04	7.52E+04	7.02E+04	6.52E+04	6.94E+04
222	5-O-p-Coumaroylshikimic acid O-glucoside	Phenylpropanoids	2.02E+04	2.51E+04	2.35E+04	4.18E+04	3.06E+04	1.81E+04	2.31E+04	2.71E+04	2.35E+04
223	Brevifolin	Phenylpropanoids	2.71E+04	2.23E+04	1.84E+04	3.29E+04	3.25E+04	2.90E+04	2.68E+04	2.57E+04	2.77E+04
224	3-Galloylshikimic acid	Phenylpropanoids	2.41E+05	1.96E+05	2.14E+05	3.31E+05	3.42E+05	3.05E+05	2.75E+05	2.62E+05	2.71E+05
225	Dimethyl Phthalate	Phenylpropanoids	7.70E+04	7.59E+04	7.46E+04	1.18E+05	1.31E+05	1.27E+05	1.02E+05	9.87E+04	1.03E+05
226	3,4-Dimethoxyphenyl acetic acid	Phenylpropanoids	2.89E+04	2.99E+04	2.97E+04	4.88E+04	4.48E+04	5.34E+04	3.92E+04	4.05E+04	3.93E+04
227	Syringin	Phenylpropanoids	2.42E+05	2.13E+05	1.92E+05	3.76E+05	3.47E+05	3.69E+05	2.88E+05	2.87E+05	2.93E+05
228	p-Coumaroylferuloyltartaric acid	Phenylpropanoids	7.49E+03	6.81E+03	7.72E+03	1.13E+04	1.32E+04	1.29E+04	1.03E+04	9.68E+03	1.01E+04
229	Pinoresinol-4,4'-O-di-O-glucoside	Phenylpropanoids	1.71E+04	1.88E+04	1.85E+04	3.30E+04	3.02E+04	2.98E+04	2.39E+04	2.50E+04	2.40E+04
230	p-Coumaric acid methyl ester	Phenylpropanoids	2.86E+05	2.99E+05	2.95E+05	5.23E+05	5.19E+05	4.96E+05	3.99E+05	4.03E+05	4.00E+05
231	Brevifolin carboxylic acid	Phenylpropanoids	7.93E+06	8.06E+06	7.52E+06	1.48E+07	1.36E+07	1.32E+07	1.05E+07	1.09E+07	1.07E+07
232	Phaseolic acid	Phenylpropanoids	1.53E+05	1.65E+05	1.53E+05	3.07E+05	2.86E+05	3.40E+05	2.33E+05	2.41E+05	2.36E+05
233	4-Methoxycinnamic acid	Phenylpropanoids	2.38E+05	2.46E+05	2.41E+05	4.93E+05	4.91E+05	4.88E+05	3.64E+05	3.67E+05	3.66E+05
234	Maleoyl-caffeoylquinic acid	Phenylpropanoids	2.14E+04	3.42E+04	1.78E+04	6.26E+04	4.51E+04	5.03E+04	3.37E+04	4.13E+04	3.78E+04
235	Syringaresinol	Phenylpropanoids	6.19E+03	5.73E+03	5.75E+03	1.42E+04	1.17E+04	1.33E+04	9.24E+03	9.74E+03	9.23E+03
236	2-Acetyl-3-hydroxyphenyl-1-O-glucoside	Phenylpropanoids	1.11E+04	1.92E+04	1.77E+04	3.60E+04	3.39E+04	3.80E+04	2.52E+04	2.77E+04	2.55E+04
237	Scopoletin-7-O-glucoside (Scopolin)	Phenylpropanoids	2.67E+04	3.15E+04	2.53E+04	6.49E+04	6.94E+04	5.70E+04	4.46E+04	4.47E+04	4.62E+04
238	Rhododendrol	Phenylpropanoids	2.29E+05	3.06E+05	2.73E+05	6.46E+05	6.38E+05	6.97E+05	4.59E+05	4.81E+05	4.68E+05
239	Terephthalic acid	Phenylpropanoids	4.66E+05	4.36E+05	4.27E+05	1.04E+06	1.17E+06	1.26E+06	8.33E+05	7.93E+05	8.35E+05
240	4'-Hydroxy-3'-methoxyacetophenone (Acetovanillone)	Phenylpropanoids	4.64E+03	5.35E+03	3.02E+03	9.30E+03	1.41E+04	1.23E+04	8.51E+03	7.49E+03	9.09E+03
241	2',4'-Dihydroxy-6'-methoxyacetophenone	Phenylpropanoids	9.21E+05	9.50E+05	9.80E+05	2.75E+06	2.70E+06	2.73E+06	1.83E+06	1.85E+06	1.83E+06
242	Ditartaroyl-hydroxycoumarin	Phenylpropanoids	8.02E+04	7.64E+04	6.04E+04	1.95E+05	2.21E+05	2.11E+05	1.43E+05	1.36E+05	1.47E+05
243	Shikimic acid	Phenylpropanoids	8.51E+04	7.01E+04	7.00E+04	2.07E+05	2.35E+05	2.56E+05	1.61E+05	1.51E+05	1.61E+05
244	Osthole	Phenylpropanoids	5.45E+03	5.32E+03	6.78E+03	2.03E+04	1.84E+04	1.75E+04	1.20E+04	1.25E+04	1.17E+04
245	Methyl caffeate	Phenylpropanoids	4.46E+03	2.69E+03	4.37E+03	1.42E+04	1.15E+04	1.14E+04	7.93E+03	8.15E+03	7.51E+03
246	Coumarin	Phenylpropanoids	3.34E+03	4.77E+03	4.82E+03	1.50E+04	1.34E+04	1.35E+04	8.76E+03	9.51E+03	8.75E+03
247	2,5-Dihydroxybenzoic acid O-glucoside	Phenylpropanoids	8.54E+05	8.06E+05	8.69E+05	2.96E+06	3.13E+06	3.17E+06	2.00E+06	1.95E+06	1.99E+06
248	3,5-Di-O-galloylshikimic acid	Phenylpropanoids	8.49E+04	7.70E+04	9.93E+04	3.17E+05	3.44E+05	3.37E+05	2.16E+05	2.07E+05	2.11E+05
249	Syringic acid	Phenylpropanoids	1.69E+04	2.54E+04	1.65E+04	8.31E+04	7.82E+04	8.05E+04	4.80E+04	5.14E+04	5.02E+04
250	7-Methoxy-5-Prenyloxycoumarin	Phenylpropanoids	4.25E+04	4.68E+04	4.75E+04	1.90E+05	2.21E+05	1.79E+05	1.22E+05	1.16E+05	1.22E+05
251	Protocatechuic acid-4-O-glucoside	Phenylpropanoids	4.95E+05	5.22E+05	5.21E+05	2.34E+06	2.25E+06	2.32E+06	1.40E+06	1.42E+06	1.40E+06
252	Isomperatorin	Phenylpropanoids	1.04E+05	1.04E+05	1.06E+05	5.47E+05	5.36E+05	5.40E+05	3.21E+05	3.24E+05	3.21E+05
253	6-O-Feruloyl-D-glucose	Phenylpropanoids	1.48E+04	6.63E+03	1.01E+04	4.92E+04	5.82E+04	6.96E+04	3.82E+04	3.39E+04	3.73E+04
254	5-(2-Hydroxyethyl)-2-O-glucosylphenol	Phenylpropanoids	4.54E+05	3.97E+05	3.68E+05	2.77E+06	2.48E+06	2.46E+06	1.44E+06	1.50E+06	1.45E+06
255	4-O-Glucosyl-3,4-dihydroxybenzyl alcohol	Phenylpropanoids	2.75E+04	2.89E+04	3.38E+04	1.84E+05	2.01E+05	2.06E+05	1.17E+05	1.13E+05	1.16E+05
256	Olivil-4,4'-Di-O-glucoside	Phenylpropanoids	4.55E+04	2.99E+04	4.05E+04	3.12E+05	2.73E+05	3.11E+05	1.67E+05	1.73E+05	1.65E+05
257	p-Coumaric acid-4-O-glucoside	Phenylpropanoids	5.96E+05	6.34E+05	6.33E+05	5.03E+06	4.81E+06	4.89E+06	2.73E+06	2.80E+06	2.73E+06
258	Sinapic acid	Phenylpropanoids	3.53E+03	3.14E+03	4.29E+03	2.87E+04	3.15E+04	3.38E+04	1.83E+04	1.75E+04	1.80E+04
259	Syringaldehyde (4-Hydroxy-3,5-Dimethoxybenzaldehyde)	Phenylpropanoids	1.88E+04	1.69E+04	3.33E+04	2.18E+05	2.09E+05	1.98E+05	1.15E+05	1.17E+05	1.11E+05
260	Scopoletin (7-Hydroxy-5-methoxycoumarin)	Phenylpropanoids	2.61E+04	2.90E+04	2.79E+04	3.41E+05	3.27E+05	3.24E+05	1.76E+05	1.80E+05	1.76E+05
261	1-O-Vanilloyl-D-Glucose	Phenylpropanoids	2.73E+05	2.41E+05	2.35E+05	3.97E+06	4.34E+06	3.68E+06	2.13E+06	2.03E+06	2.13E+06
262	1-O-(3,4-Dihydroxy-5-methoxy-benzoyl)-glucoside	Phenylpropanoids	1.26E+05	1.34E+05	1.39E+05	3.11E+06	3.18E+06	3.10E+06	1.64E+06	1.62E+06	1.64E+06

263	Picein (4-Acetylphenyl-glucoside)	Phenylpropanoids	4.26E+03	6.98E+03	7.98E+03	1.53E+05	1.25E+05	1.89E+05	8.17E+04	8.93E+04	8.14E+04
264	1-O-Glucosyl sinapate	Phenylpropanoids	1.70E+04	2.02E+04	1.86E+04	5.34E+05	5.79E+05	5.28E+05	2.86E+05	2.75E+05	2.86E+05
265	3-Hydroxy-4-isopropylbenzylalcohol-3-O-glucoside	Phenylpropanoids	3.83E+04	2.74E+04	3.53E+04	1.29E+06	1.19E+06	1.30E+06	6.40E+05	6.63E+05	6.38E+05
266	Feruloylmalic acid	Phenylpropanoids	8.38E+03	1.20E+04	1.24E+04	1.83E+06	1.82E+06	1.83E+06	9.18E+05	9.21E+05	9.18E+05
267	Sinapoyl malate	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.03E+04	1.10E+04	1.24E+04	5.85E+03	5.66E+03	5.85E+03
268	Cis-Coutaric acid	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.22E+04	1.52E+04	9.42E+03	6.17E+03	5.41E+03	6.17E+03
269	6'-O-Feruloyl-D-sucrose	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	2.24E+04	1.60E+04	2.07E+04	9.17E+03	1.08E+04	9.17E+03
270	1,2-O-Diferuloylglycerol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	2.79E+04	2.53E+04	2.55E+04	1.27E+04	1.34E+04	1.27E+04
271	4-Methylcatechol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	3.58E+04	2.56E+04	2.33E+04	1.22E+04	1.48E+04	1.22E+04
272	4-Hydroxy-3,5-diisopropylbenzaldehyde	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	3.84E+04	3.64E+04	3.59E+04	1.81E+04	1.86E+04	1.81E+04
273	Caffeoylbenzoyltartaric acid	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	5.03E+04	3.75E+04	5.26E+04	2.25E+04	2.57E+04	2.25E+04
274	4-Hydroxybenzyl Alcohol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	7.66E+04	6.41E+04	6.65E+04	3.27E+04	3.58E+04	3.27E+04
275	5,7-Dimethoxycoumarin (Limettin)(Citropten)	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.13E+05	1.08E+05	1.10E+05	5.44E+04	5.57E+04	5.44E+04
276	Chlorogenic acid methyl ester	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.12E+05	1.14E+05	1.25E+05	5.99E+04	5.93E+04	5.99E+04
277	Caffeic aldehyde	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	5.06E+05	4.99E+05	5.16E+05	2.54E+05	2.56E+05	2.54E+05
278	p-Coumaroylmalic acid	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.90E+06	1.93E+06	2.13E+06	1.02E+06	1.01E+06	1.02E+06
279	D-Glucuronic acid	Saccharides	6.98E+05	7.86E+05	6.99E+05	9.00E+00	9.00E+00	9.00E+00	3.49E+05	3.71E+05	3.71E+05
280	1,10-Decanediol	Saccharides	7.16E+04	6.83E+04	6.73E+04	9.00E+00	9.00E+00	9.00E+00	3.47E+04	3.39E+04	3.50E+04
281	N-Acetyl-D-glucosamine-1-phosphate	Saccharides	1.39E+04	1.45E+04	1.75E+04	9.00E+00	9.00E+00	9.00E+00	7.85E+03	8.01E+03	7.09E+03
282	Glucose-1-phosphate	Saccharides	1.01E+06	1.06E+06	9.33E+05	2.02E+04	1.90E+04	1.77E+04	4.95E+05	5.08E+05	5.28E+05
283	D-Glucose 6-phosphate	Saccharides	1.12E+06	1.06E+06	1.05E+06	2.43E+04	2.14E+04	1.80E+04	5.50E+05	5.36E+05	5.53E+05
284	Trehalose 6-phosphate	Saccharides	1.33E+05	1.26E+05	1.45E+05	1.47E+04	1.84E+04	1.81E+04	7.86E+04	7.59E+04	7.40E+04
285	Glucarate O-Phosphoric acid	Saccharides	3.62E+06	3.69E+06	3.90E+06	6.21E+05	6.55E+05	8.58E+05	2.26E+06	2.27E+06	2.21E+06
286	D-Sedoheptuose 7-phosphate	Saccharides	1.57E+06	1.82E+06	1.91E+06	3.39E+05	3.58E+05	4.14E+05	1.06E+06	1.12E+06	1.04E+06
287	Mannitol	Saccharides	1.25E+05	1.25E+05	1.25E+05	3.05E+04	3.26E+04	2.54E+04	7.72E+04	7.65E+04	7.70E+04
288	D-Sorbitol	Saccharides	3.91E+05	4.41E+05	4.44E+05	1.06E+05	1.12E+05	1.20E+05	2.67E+05	2.78E+05	2.66E+05
289	D-(+)-Sucrose	Saccharides	4.94E+06	4.16E+06	4.86E+06	1.75E+06	1.94E+06	2.07E+06	3.45E+06	3.21E+06	3.28E+06
290	Gluconic acid	Saccharides	4.50E+06	4.58E+06	4.52E+06	2.11E+06	1.89E+06	1.96E+06	3.22E+06	3.29E+06	3.23E+06
291	D-Saccharic acid	Saccharides	9.06E+05	9.52E+05	9.06E+05	4.47E+05	4.39E+05	4.07E+05	6.65E+05	6.78E+05	6.76E+05
292	D-Galactaric acid	Saccharides	8.72E+05	9.20E+05	8.67E+05	4.59E+05	4.06E+05	3.96E+05	6.35E+05	6.60E+05	6.48E+05
293	D-(-)-Threose	Saccharides	2.86E+04	3.97E+04	3.50E+04	2.31E+04	1.75E+04	2.12E+04	2.56E+04	2.97E+04	2.67E+04
294	D-Fructose-1,6-biphosphate	Saccharides	9.06E+03	6.50E+03	8.19E+03	4.57E+03	4.21E+03	6.96E+03	7.11E+03	6.56E+03	6.68E+03
295	N-Acetyl-D-glucosamine	Saccharides	3.32E+05	3.25E+05	3.41E+05	4.82E+05	4.57E+05	4.27E+05	3.89E+05	3.94E+05	3.85E+05
296	N-Acetyl-D-galactosamine	Saccharides	1.08E+05	1.15E+05	1.22E+05	1.06E+05	1.01E+05	9.80E+04	1.07E+05	1.10E+05	1.05E+05
297	Turanose	Saccharides	1.36E+06	1.64E+06	1.39E+06	1.52E+06	1.61E+06	1.41E+06	1.44E+06	1.49E+06	1.51E+06
298	Xylitol	Saccharides	1.29E+05	1.43E+05	1.24E+05	1.25E+05	1.31E+05	1.37E+05	1.30E+05	1.32E+05	1.35E+05
299	D-Fructose	Saccharides	6.31E+06	5.72E+06	6.74E+06	5.73E+06	7.24E+06	6.93E+06	6.80E+06	6.28E+06	6.55E+06
300	N-Acetyl-D-mannosamine	Saccharides	1.72E+05	1.65E+05	1.82E+05	1.86E+05	1.95E+05	1.84E+05	1.83E+05	1.79E+05	1.79E+05
301	D-Glucosamine	Saccharides	6.98E+05	6.75E+05	7.38E+05	8.81E+05	7.55E+05	7.48E+05	7.35E+05	7.60E+05	7.19E+05
302	D-Glucose	Saccharides	7.52E+06	8.09E+06	7.50E+06	8.48E+06	9.83E+06	7.82E+06	8.17E+06	7.97E+06	8.32E+06
303	Ribitol	Saccharides	2.06E+05	2.65E+05	2.12E+05	2.72E+05	3.03E+05	2.76E+05	2.49E+05	2.56E+05	2.63E+05
304	D-Arabitol	Saccharides	1.50E+05	1.81E+05	1.37E+05	1.97E+05	2.26E+05	1.95E+05	1.77E+05	1.78E+05	1.88E+05
305	D-(-)-Arabinose	Saccharides	6.12E+05	6.70E+05	6.71E+05	4.63E+05	4.81E+05	4.80E+05	5.61E+05	5.71E+05	5.61E+05
306	D-Threonic Acid	Saccharides	2.42E+06	2.46E+06	2.41E+06	4.19E+06	3.31E+06	2.94E+06	2.77E+06	3.00E+06	2.79E+06

307	D-Ribose	Saccharides	2.36E+05	2.63E+05	2.52E+05	7.10E+05	7.32E+05	6.72E+05	4.73E+05	4.74E+05	4.76E+05
308	Solatriose	Saccharides	1.25E+05	1.06E+05	1.40E+05	5.92E+05	5.96E+05	5.34E+05	3.49E+05	3.43E+05	3.40E+05
309	L-Gulono-1,4-Lactone	Saccharides	9.00E+00	9.00E+00	9.00E+00	3.17E+04	1.66E+04	2.17E+04	9.59E+03	1.34E+04	9.59E+03
310	LysoPC 19:2	Phospholipids	1.91E+05	1.91E+05	1.91E+05	9.00E+00	9.00E+00	9.00E+00	9.55E+04	9.56E+04	9.56E+04
311	LysoPC 20:1	Phospholipids	1.17E+05	1.10E+05	1.04E+05	9.00E+00	9.00E+00	9.00E+00	5.52E+04	5.36E+04	5.69E+04
312	LysoPC 18:2(2n isomer)	Phospholipids	9.08E+06	8.59E+06	9.04E+06	1.65E+05	1.92E+05	1.65E+05	4.62E+06	4.49E+06	4.51E+06
313	LysoPC 18:1(2n isomer)	Phospholipids	6.82E+07	6.55E+07	6.65E+07	1.48E+06	1.51E+06	1.52E+06	3.44E+07	3.38E+07	3.42E+07
314	LysoPC 17:2	Phospholipids	2.95E+05	2.76E+05	2.71E+05	7.66E+03	9.42E+03	7.25E+03	1.46E+05	1.41E+05	1.47E+05
315	LysoPC 16:1	Phospholipids	2.68E+06	2.60E+06	2.64E+06	8.33E+04	7.31E+04	7.88E+04	1.37E+06	1.35E+06	1.36E+06
316	LysoPC 16:1(2n isomer)	Phospholipids	2.64E+06	2.69E+06	2.65E+06	8.34E+04	7.95E+04	9.22E+04	1.37E+06	1.38E+06	1.38E+06
317	LysoPC 18:1	Phospholipids	1.35E+07	1.29E+07	1.39E+07	5.88E+05	4.77E+05	5.50E+05	7.12E+06	7.00E+06	6.87E+06
318	LysoPC 16:0(2n isomer)	Phospholipids	2.13E+07	2.13E+07	2.14E+07	1.03E+06	9.67E+05	1.03E+06	1.12E+07	1.12E+07	1.11E+07
319	LysoPC 20:3	Phospholipids	1.19E+05	1.24E+05	1.27E+05	6.23E+03	7.46E+03	6.08E+03	6.51E+04	6.58E+04	6.41E+04
320	LysoPC 18:2	Phospholipids	1.18E+07	1.04E+07	1.11E+07	7.58E+05	7.88E+05	7.31E+05	6.10E+06	5.76E+06	5.93E+06
321	LysoPC 18:0(2n isomer)	Phospholipids	4.37E+05	4.27E+05	3.58E+05	3.71E+04	2.13E+04	2.85E+04	2.11E+05	2.13E+05	2.28E+05
322	LysoPC 20:2	Phospholipids	2.14E+05	2.62E+05	2.13E+05	1.77E+04	1.77E+04	1.65E+04	1.15E+05	1.27E+05	1.28E+05
323	Choline Alfoscerate	Phospholipids	5.76E+06	6.20E+06	5.89E+06	5.71E+05	5.73E+05	5.38E+05	3.19E+06	3.30E+06	3.27E+06
324	LysoPC 17:1	Phospholipids	2.28E+05	2.05E+05	2.10E+05	2.24E+04	2.17E+04	1.86E+04	1.20E+05	1.14E+05	1.18E+05
325	LysoPE 18:2	Phospholipids	4.96E+06	4.43E+06	5.01E+06	5.86E+05	5.33E+05	5.98E+05	2.77E+06	2.66E+06	2.63E+06
326	LysoPE 16:1(2n isomer)	Phospholipids	4.07E+05	3.85E+05	4.04E+05	5.51E+04	6.53E+04	7.38E+04	2.37E+05	2.29E+05	2.33E+05
327	LysoPC 15:1	Phospholipids	9.08E+04	8.12E+04	8.56E+04	1.24E+04	1.50E+04	1.63E+04	5.19E+04	4.89E+04	5.08E+04
328	LysoPE 16:1	Phospholipids	3.90E+05	3.96E+05	3.81E+05	6.59E+04	6.49E+04	7.89E+04	2.29E+05	2.30E+05	2.32E+05
329	LysoPE 15:0	Phospholipids	6.77E+04	6.61E+04	6.53E+04	1.58E+04	1.61E+04	1.81E+04	4.18E+04	4.13E+04	4.20E+04
330	LysoPC 18:3(2n isomer)	Phospholipids	3.99E+07	3.81E+07	3.82E+07	1.05E+07	1.05E+07	1.12E+07	2.49E+07	2.45E+07	2.49E+07
331	LysoPE 17:1(2n isomer)	Phospholipids	7.55E+04	6.83E+04	7.01E+04	1.92E+04	1.73E+04	2.39E+04	4.67E+04	4.54E+04	4.63E+04
332	LysoPC 14:0	Phospholipids	2.45E+05	2.47E+05	2.36E+05	6.90E+04	6.99E+04	6.95E+04	1.55E+05	1.55E+05	1.58E+05
333	LysoPE 16:0(2n isomer)	Phospholipids	1.72E+06	1.69E+06	1.73E+06	5.26E+05	5.12E+05	5.32E+05	1.12E+06	1.12E+06	1.11E+06
334	LysoPE 20:2	Phospholipids	1.44E+04	1.48E+04	1.73E+04	4.19E+03	5.51E+03	6.60E+03	1.10E+04	1.07E+04	1.03E+04
335	LysoPG 16:0	Phospholipids	8.31E+05	8.64E+05	3.95E+05	4.10E+05	4.61E+05	7.88E+04	4.41E+05	4.37E+05	5.59E+05
336	LysoPE 15:1(2n isomer)	Phospholipids	8.80E+03	9.34E+03	1.10E+04	4.61E+03	5.53E+03	6.67E+03	8.00E+03	7.91E+03	7.58E+03
337	LysoPC 16:0	Phospholipids	2.13E+07	2.17E+07	1.89E+07	1.54E+07	1.48E+07	1.54E+07	1.76E+07	1.78E+07	1.83E+07
338	LysoPC 18:3	Phospholipids	9.33E+06	9.32E+06	8.69E+06	7.14E+06	7.48E+06	7.13E+06	8.16E+06	8.07E+06	8.31E+06
339	LysoPE 14:0(2n isomer)	Phospholipids	2.49E+04	2.17E+04	2.25E+04	2.15E+04	2.11E+04	1.85E+04	2.18E+04	2.11E+04	2.16E+04
340	LysoPC 15:0	Phospholipids	2.91E+05	2.46E+05	2.73E+05	2.59E+05	2.42E+05	2.62E+05	2.67E+05	2.60E+05	2.60E+05
341	LysoPE 16:0	Phospholipids	4.95E+06	4.52E+06	4.64E+06	5.06E+06	4.80E+06	4.78E+06	4.79E+06	4.75E+06	4.76E+06
342	LysoPC 18:0	Phospholipids	2.99E+05	2.88E+05	1.90E+05	3.28E+05	2.58E+05	3.07E+05	2.64E+05	2.78E+05	2.88E+05
343	LysoPC 18:4	Phospholipids	2.80E+04	2.35E+04	2.32E+04	3.08E+04	3.70E+04	2.96E+04	2.94E+04	2.68E+04	2.95E+04
344	LysoPE 18:3	Phospholipids	6.49E+05	6.09E+05	6.80E+05	1.09E+06	1.10E+06	1.06E+06	8.71E+05	8.57E+05	8.53E+05
345	LysoPE 15:0(2n isomer)	Phospholipids	2.90E+04	2.54E+04	2.95E+04	5.33E+04	4.74E+04	5.01E+04	3.90E+04	3.96E+04	3.80E+04
346	LysoPC 19:2(2n isomer)	Phospholipids	4.90E+04	5.06E+04	4.86E+04	1.14E+05	9.97E+04	9.21E+04	7.24E+04	7.63E+04	7.29E+04
347	LysoPC 20:4	Phospholipids	4.94E+03	3.90E+03	3.79E+03	8.31E+03	1.12E+04	6.82E+03	6.68E+03	5.70E+03	6.70E+03
348	LysoPC 19:1	Phospholipids	6.77E+04	6.71E+04	6.63E+04	2.59E+05	2.43E+05	2.43E+05	1.55E+05	1.59E+05	1.55E+05
349	LysoPE 14:0	Phospholipids	4.35E+04	3.67E+04	4.43E+04	1.58E+05	1.55E+05	1.53E+05	9.91E+04	9.80E+04	9.72E+04
350	LysoPC 19:0	Phospholipids	1.59E+04	1.21E+04	1.42E+04	1.63E+05	1.56E+05	1.68E+05	8.86E+04	8.94E+04	8.80E+04

351	LysoPC 17:0	Phospholipids	8.58E+04	7.91E+04	8.03E+04	2.46E+06	2.39E+06	2.47E+06	1.26E+06	1.27E+06	1.26E+06
352	LysoPC 17:0(2n isomer)	Phospholipids	9.00E+00	9.00E+00	9.00E+00	3.36E+05	3.52E+05	3.25E+05	1.69E+05	1.65E+05	1.69E+05
353	L- α -Glutamyl-L-Glutamic Acid	Amino acids	7.08E+04	7.16E+04	7.34E+04	9.00E+00	9.00E+00	9.00E+00	3.61E+04	3.63E+04	3.56E+04
354	N-Acetyl-L-Aspartic Acid	Amino acids	6.89E+04	6.42E+04	7.18E+04	9.00E+00	9.00E+00	9.00E+00	3.52E+04	3.40E+04	3.33E+04
355	N- α -Acetyl-L-ornithine	Amino acids	9.36E+05	8.70E+05	9.72E+05	2.67E+04	2.69E+04	2.05E+04	4.89E+05	4.72E+05	4.63E+05
356	Oxiglutatione	Amino acids	1.07E+05	1.12E+05	1.18E+05	9.49E+03	1.20E+04	7.45E+03	6.11E+04	6.18E+04	5.96E+04
357	L-Arginine	Amino acids	7.82E+06	8.63E+06	8.53E+06	8.28E+05	7.36E+05	8.22E+05	4.48E+06	4.70E+06	4.50E+06
358	L-Aspartic Acid	Amino acids	7.34E+05	7.49E+05	7.26E+05	1.07E+05	9.93E+04	1.04E+05	4.16E+05	4.22E+05	4.22E+05
359	S-Adenosyl-L-methionine	Amino acids	2.83E+04	2.15E+04	1.72E+04	4.61E+03	4.25E+03	6.77E+03	1.41E+04	1.25E+04	1.52E+04
360	L-Prolyl-L-Phenylalanine	Amino acids	3.45E+05	3.14E+05	3.65E+05	7.89E+04	9.07E+04	8.05E+04	2.20E+05	2.10E+05	2.08E+05
361	L-Aspartic acid-O-diglucoiside	Amino acids	5.00E+06	5.31E+06	5.57E+06	1.92E+06	1.73E+06	1.79E+06	3.52E+06	3.65E+06	3.46E+06
362	N-Acetyl-L-tyrosine	Amino acids	8.14E+04	7.33E+04	8.05E+04	2.50E+04	3.16E+04	2.59E+04	5.49E+04	5.12E+04	5.31E+04
363	L-Citrulline	Amino acids	6.67E+05	6.79E+05	7.19E+05	2.38E+05	2.72E+05	2.81E+05	4.85E+05	4.79E+05	4.75E+05
364	L-Isoleucyl-L-Aspartate	Amino acids	1.24E+05	8.23E+04	1.08E+05	5.16E+04	4.03E+04	5.27E+04	8.11E+04	7.35E+04	7.48E+04
365	N-Acetyl-L-glutamic acid	Amino acids	1.15E+05	1.16E+05	1.38E+05	5.52E+04	5.72E+04	6.26E+04	9.32E+04	9.29E+04	8.76E+04
366	S-(5'-Adenosyl)-L-homocysteine	Amino acids	4.57E+04	4.38E+04	5.33E+04	2.04E+04	2.96E+04	1.78E+04	3.66E+04	3.38E+04	3.42E+04
367	S-(Methyl)glutathione	Amino acids	1.20E+05	1.28E+05	1.41E+05	5.81E+04	5.76E+04	7.42E+04	9.83E+04	1.00E+05	9.49E+04
368	N-(3-Indolylacetyl)-L-alanine	Amino acids	5.94E+04	5.69E+04	5.97E+04	3.15E+04	2.87E+04	2.58E+04	4.34E+04	4.35E+04	4.27E+04
369	N6-Acetyl-L-lysine	Amino acids	1.70E+05	1.56E+05	1.55E+05	8.88E+04	9.85E+04	5.80E+04	1.20E+05	1.14E+05	1.21E+05
370	2,6-Diaminoimelic acid	Amino acids	3.71E+05	4.44E+05	4.17E+05	2.02E+05	2.23E+05	2.30E+05	3.10E+05	3.23E+05	3.17E+05
371	Homoarginine	Amino acids	9.93E+04	9.04E+04	8.33E+04	5.87E+04	5.15E+04	4.40E+04	6.95E+04	6.91E+04	7.13E+04
372	2-Aminoisobutyric acid	Amino acids	6.08E+06	6.28E+06	6.14E+06	3.64E+06	3.50E+06	3.63E+06	4.84E+06	4.92E+06	4.87E+06
373	N-Acetyl-L-glycine	Amino acids	2.41E+04	2.35E+04	3.15E+04	1.55E+04	1.47E+04	2.01E+04	2.26E+04	2.27E+04	2.06E+04
374	N-Acetyl-L-methionine	Amino acids	8.13E+03	9.73E+03	9.36E+03	5.15E+03	8.59E+03	4.91E+03	7.75E+03	7.28E+03	7.84E+03
375	N,N-Dimethylglycine	Amino acids	6.29E+06	6.55E+06	6.53E+06	4.63E+06	4.63E+06	4.70E+06	5.54E+06	5.60E+06	5.54E+06
376	2,3-Dimethylsuccinic acid	Amino acids	1.60E+04	1.77E+04	1.59E+04	1.22E+04	1.15E+04	1.28E+04	1.40E+04	1.46E+04	1.45E+04
377	γ -Aminobutyric acid	Amino acids	9.00E+06	9.85E+06	9.51E+06	7.08E+06	6.89E+06	7.02E+06	8.10E+06	8.36E+06	8.19E+06
378	L-Asparagine	Amino acids	1.37E+06	1.49E+06	1.67E+06	1.17E+06	1.12E+06	1.12E+06	1.32E+06	1.36E+06	1.27E+06
379	L-Serine	Amino acids	6.20E+05	6.28E+05	6.94E+05	5.04E+05	5.04E+05	4.98E+05	5.79E+05	5.81E+05	5.63E+05
380	L-Proline	Amino acids	1.72E+06	1.64E+06	1.74E+06	1.42E+06	1.29E+06	1.33E+06	1.52E+06	1.53E+06	1.50E+06
381	N-Glycyl-L-leucine	Amino acids	4.28E+05	3.93E+05	4.31E+05	3.29E+05	3.53E+05	3.31E+05	3.86E+05	3.71E+05	3.76E+05
382	L-Glycyl-L-isoleucine	Amino acids	2.94E+05	3.37E+05	3.29E+05	2.81E+05	2.66E+05	2.52E+05	2.85E+05	3.00E+05	2.88E+05
383	Pipecolic acid	Amino acids	4.43E+06	4.48E+06	4.20E+06	3.89E+06	3.92E+06	3.68E+06	4.06E+06	4.06E+06	4.13E+06
384	L-Glycyl-L-phenylalanine	Amino acids	2.27E+05	2.26E+05	2.48E+05	1.93E+05	1.92E+05	2.31E+05	2.25E+05	2.25E+05	2.19E+05
385	L-Ornithine	Amino acids	8.36E+04	9.38E+04	7.83E+04	7.55E+04	6.71E+04	8.55E+04	7.86E+04	8.33E+04	8.25E+04
386	L-Aspartyl-L-Phenylalanine	Amino acids	5.11E+04	4.24E+04	5.23E+04	4.67E+04	4.31E+04	4.32E+04	4.74E+04	4.61E+04	4.50E+04
387	N-Acetyl-L-leucine	Amino acids	3.64E+05	3.88E+05	3.66E+05	3.61E+05	3.71E+05	3.83E+05	3.71E+05	3.75E+05	3.77E+05
388	L-Alanyl-L-Phenylalanine	Amino acids	1.14E+05	1.25E+05	1.05E+05	1.16E+05	1.12E+05	1.17E+05	1.12E+05	1.16E+05	1.17E+05
389	L-Homocitrulline	Amino acids	3.01E+04	3.19E+04	3.81E+04	4.49E+04	2.78E+04	2.87E+04	3.12E+04	3.59E+04	2.96E+04
390	L-Tryptophan	Amino acids	1.54E+07	1.53E+07	1.58E+07	1.73E+07	1.77E+07	1.75E+07	1.66E+07	1.65E+07	1.65E+07
391	L-Methionine Sulfoxide	Amino acids	5.11E+06	5.07E+06	4.88E+06	6.46E+06	6.84E+06	7.04E+06	5.97E+06	5.86E+06	6.02E+06
392	L-Prolyl-L-Leucine	Amino acids	2.74E+05	2.26E+05	3.07E+05	3.53E+05	3.90E+05	3.72E+05	3.36E+05	3.15E+05	3.16E+05
393	(5-L-Glutamyl)-L-amino acid	Amino acids	5.27E+03	6.28E+03	7.16E+03	8.81E+03	8.61E+03	9.43E+03	7.62E+03	7.92E+03	7.40E+03
394	O-Acetylserine	Amino acids	5.04E+05	5.30E+05	5.85E+05	7.97E+05	7.85E+05	8.22E+05	6.74E+05	6.83E+05	6.60E+05

395	L-Glutamic acid	Amino acids	3.30E+06	3.73E+06	3.89E+06	5.65E+06	5.84E+06	5.69E+06	4.68E+06	4.74E+06	4.64E+06
396	L-Valyl-L-Leucine	Amino acids	4.70E+05	4.98E+05	5.39E+05	7.81E+05	8.39E+05	7.97E+05	6.61E+05	6.54E+05	6.51E+05
397	N-Acetyl-L-Tryptophan	Amino acids	4.43E+04	2.94E+04	3.84E+04	6.69E+04	6.25E+04	5.59E+04	5.03E+04	4.76E+04	4.80E+04
398	N-Acetyl-L-Glutamine	Amino acids	1.49E+05	1.44E+05	1.56E+05	2.56E+05	2.84E+05	2.19E+05	2.02E+05	1.94E+05	1.99E+05
399	L-Homocystine	Amino acids	6.40E+04	4.18E+04	5.10E+04	8.36E+04	9.94E+04	8.69E+04	7.53E+04	6.58E+04	7.30E+04
400	5-Aminovaleric acid	Amino acids	1.74E+04	1.46E+04	8.50E+03	1.09E+04	1.93E+04	3.99E+04	2.13E+04	1.85E+04	2.28E+04
401	L-Tyrosine	Amino acids	6.17E+06	6.61E+06	6.39E+06	1.09E+07	1.09E+07	1.19E+07	8.84E+06	8.94E+06	8.89E+06
402	L-Leucyl-L-Leucine	Amino acids	3.10E+05	3.27E+05	3.39E+05	6.54E+05	6.04E+05	6.06E+05	4.65E+05	4.81E+05	4.62E+05
403	L-Lysine-Butanoic Acid	Amino acids	9.12E+03	1.06E+04	1.08E+04	1.91E+04	2.41E+04	1.59E+04	1.50E+04	1.41E+04	1.49E+04
404	5-Oxo-L-Proline	Amino acids	3.20E+04	3.43E+04	3.65E+04	6.05E+04	7.57E+04	9.09E+04	5.88E+04	5.55E+04	5.82E+04
405	L-Valyl-L-Phenylalanine	Amino acids	1.88E+05	1.87E+05	1.97E+05	4.44E+05	4.04E+05	4.36E+05	3.06E+05	3.16E+05	3.04E+05
406	L-Leucyl-L-phenylalanine	Amino acids	1.97E+05	2.05E+05	1.74E+05	4.95E+05	4.70E+05	4.79E+05	3.30E+05	3.38E+05	3.38E+05
407	L-Phenylalanyl-L-phenylalanine	Amino acids	1.47E+04	1.25E+04	1.79E+04	3.92E+04	3.56E+04	4.18E+04	2.75E+04	2.78E+04	2.62E+04
408	L-Histidine	Amino acids	2.58E+06	2.88E+06	2.12E+06	6.62E+06	6.88E+06	6.57E+06	4.54E+06	4.55E+06	4.73E+06
409	N-Acetyl-L-threonine	Amino acids	7.48E+04	7.55E+04	7.64E+04	2.04E+05	2.17E+05	1.94E+05	1.41E+05	1.38E+05	1.40E+05
410	3-Hydroxy-3-methylpentane-1,5-dioic acid	Amino acids	4.14E+05	4.19E+05	4.53E+05	1.23E+06	1.17E+06	1.21E+06	8.12E+05	8.28E+05	8.03E+05
411	L-Glutamic acid-O-glycoside	Amino acids	6.94E+04	6.10E+04	6.02E+04	1.65E+05	2.11E+05	1.64E+05	1.26E+05	1.12E+05	1.26E+05
412	L-Methionine	Amino acids	5.99E+05	6.48E+05	6.10E+05	2.65E+06	2.64E+06	2.60E+06	1.61E+06	1.63E+06	1.62E+06
413	L-Phenylalanine	Amino acids	5.34E+06	5.19E+06	5.53E+06	2.39E+07	2.33E+07	2.41E+07	1.46E+07	1.47E+07	1.45E+07
414	Trans-4-Hydroxy-L-proline	Amino acids	8.31E+04	9.60E+04	9.11E+04	3.72E+05	4.18E+05	4.34E+05	2.57E+05	2.48E+05	2.58E+05
415	N-Acetyl-L-Arginine	Amino acids	1.42E+04	1.69E+04	1.06E+04	7.27E+04	6.16E+04	5.92E+04	3.64E+04	3.99E+04	3.80E+04
416	L-Threonine	Amino acids	6.40E+05	6.89E+05	7.14E+05	3.32E+06	3.50E+06	3.46E+06	2.08E+06	2.05E+06	2.07E+06
417	L-Homoserine	Amino acids	7.66E+05	8.24E+05	8.24E+05	4.06E+06	4.39E+06	4.37E+06	2.59E+06	2.52E+06	2.59E+06
418	L-Valine	Amino acids	2.03E+06	2.15E+06	2.10E+06	1.12E+07	1.11E+07	1.17E+07	6.72E+06	6.78E+06	6.73E+06
419	Cycloleucine	Amino acids	1.96E+06	2.24E+06	2.18E+06	1.14E+07	1.23E+07	1.12E+07	6.92E+06	6.75E+06	6.93E+06
420	L-Lysine	Amino acids	2.44E+05	2.88E+05	2.93E+05	1.94E+06	2.05E+06	2.02E+06	1.15E+06	1.13E+06	1.15E+06
421	L-Glutamine	Amino acids	2.26E+05	2.58E+05	2.76E+05	1.84E+06	1.91E+06	1.95E+06	1.09E+06	1.08E+06	1.09E+06
422	L-Leucine	Amino acids	3.07E+05	3.17E+05	3.59E+05	2.58E+06	2.38E+06	2.51E+06	1.39E+06	1.44E+06	1.38E+06
423	5-Hydroxy-L-tryptophan	Amino acids	8.93E+03	1.36E+04	1.51E+04	9.36E+04	8.87E+04	1.21E+05	5.84E+04	6.08E+04	5.81E+04
424	L-Isoleucine	Amino acids	3.04E+05	3.16E+05	3.09E+05	2.48E+06	2.47E+06	2.65E+06	1.43E+06	1.44E+06	1.43E+06
425	4-Acetamidobutyric acid	Amino acids	8.66E+05	8.49E+05	8.66E+05	7.42E+06	7.11E+06	7.13E+06	3.99E+06	4.07E+06	3.99E+06
426	3,4-Dihydroxy-L-phenylalanine	Amino acids	2.37E+04	2.68E+04	2.54E+04	2.57E+05	2.89E+05	3.02E+05	1.60E+05	1.53E+05	1.60E+05
427	L-Cystine	Amino acids	1.03E+04	8.67E+03	1.18E+04	1.21E+05	1.15E+05	1.10E+05	6.17E+04	6.27E+04	6.10E+04
428	L-Glutaminyl-L-valyl-L-valyl-L-cysteine	Amino acids	3.49E+04	3.04E+04	2.97E+04	8.05E+05	7.64E+05	8.52E+05	4.20E+05	4.29E+05	4.20E+05
429	3-Methyl-L-Histidine	Amino acids	2.16E+04	1.89E+04	2.04E+04	6.70E+05	7.81E+05	6.54E+05	3.69E+05	3.41E+05	3.69E+05
430	L-Glutamine-O-glycoside	Amino acids	2.31E+04	2.41E+04	3.32E+04	1.55E+06	1.76E+06	1.84E+06	9.15E+05	8.63E+05	9.12E+05
431	N-Phenylacetyl glycine	Amino acids	9.00E+00	9.00E+00	9.00E+00	1.76E+04	1.21E+04	2.05E+04	8.16E+03	9.53E+03	8.16E+03
432	D-Galacturonic acid	Organic acids	5.44E+05	6.11E+05	5.17E+05	9.00E+00	9.00E+00	9.00E+00	2.65E+05	2.82E+05	2.89E+05
433	Argininosuccinic acid	Organic acids	4.03E+05	3.75E+05	3.87E+05	4.54E+03	4.21E+03	6.35E+03	2.00E+05	1.93E+05	1.97E+05
434	Propyl 2-(trimethylammonio)ethyl phosphate	Organic acids	1.13E+06	1.06E+06	1.17E+06	3.07E+04	3.09E+04	4.57E+04	5.93E+05	5.76E+05	5.66E+05
435	β-Hydroxyisovaleric acid	Organic acids	1.02E+07	1.01E+07	1.04E+07	8.27E+05	8.47E+05	8.42E+05	5.59E+06	5.56E+06	5.51E+06
436	3-Hydroxybutyric acid	Organic acids	1.18E+06	1.15E+06	1.18E+06	1.93E+05	1.83E+05	2.10E+05	6.88E+05	6.83E+05	6.78E+05
437	Muconic acid	Organic acids	1.43E+06	1.38E+06	1.33E+06	2.46E+05	2.51E+05	2.62E+05	8.19E+05	8.04E+05	8.31E+05
438	L-Citramalic acid	Organic acids	1.04E+05	9.24E+04	1.01E+05	1.79E+04	1.91E+04	3.32E+04	6.43E+04	6.11E+04	6.22E+04

439	Malonic acid	Organic acids	1.26E+06	1.28E+06	1.24E+06	4.13E+05	4.47E+05	3.76E+05	8.32E+05	8.29E+05	8.41E+05
440	Isocitric Acid	Organic acids	1.94E+07	1.74E+07	1.90E+07	7.10E+06	7.18E+06	7.49E+06	1.33E+07	1.27E+07	1.29E+07
441	4-Hydroxy-2-oxoglutaric acid	Organic acids	2.17E+05	2.28E+05	2.58E+05	9.52E+04	1.02E+05	8.57E+04	1.66E+05	1.67E+05	1.58E+05
442	4-Guanidinobutyric acid	Organic acids	1.09E+06	1.05E+06	1.14E+06	4.49E+05	4.40E+05	4.67E+05	7.83E+05	7.75E+05	7.61E+05
443	Citric Acid	Organic acids	3.45E+07	3.65E+07	3.90E+07	1.60E+07	1.65E+07	1.66E+07	2.66E+07	2.70E+07	2.60E+07
444	Quinic Acid	Organic acids	1.21E+06	1.16E+06	1.22E+06	5.85E+05	5.21E+05	5.05E+05	8.62E+05	8.65E+05	8.47E+05
445	2-Methylglutaric acid	Organic acids	7.89E+04	7.90E+04	9.69E+04	4.39E+04	5.13E+04	3.28E+04	6.50E+04	6.32E+04	6.05E+04
446	6-Hydroxyhexanoic acid	Organic acids	3.84E+05	4.21E+05	3.88E+05	2.20E+05	1.95E+05	2.06E+05	2.93E+05	3.09E+05	3.01E+05
447	Adipic Acid	Organic acids	8.47E+04	7.40E+04	9.30E+04	5.04E+04	6.02E+04	3.11E+04	6.73E+04	6.21E+04	6.25E+04
448	Phosphoenolpyruvate	Organic acids	1.08E+04	5.82E+03	7.24E+03	4.53E+03	3.92E+03	5.85E+03	6.96E+03	5.86E+03	6.61E+03
449	(2R,3S)-3-methylmalic acid	Organic acids	7.68E+05	8.18E+05	9.10E+05	4.05E+05	5.43E+05	5.52E+05	6.93E+05	6.71E+05	6.70E+05
450	2-Picolinic acid	Organic acids	3.71E+05	3.91E+05	3.56E+05	2.38E+05	2.35E+05	2.45E+05	3.02E+05	3.08E+05	3.10E+05
451	(S)-2-Hydroxyglutaric Acid	Organic acids	6.85E+05	8.08E+05	8.44E+05	4.68E+05	5.15E+05	5.55E+05	6.50E+05	6.69E+05	6.41E+05
452	2-Hydroxyisocaproic acid	Organic acids	4.35E+05	3.90E+05	4.10E+05	2.74E+05	3.05E+05	2.54E+05	3.51E+05	3.32E+05	3.46E+05
453	3-Hydroxyanthranilic acid	Organic acids	8.19E+04	7.98E+04	8.33E+04	1.03E+05	9.20E+04	1.03E+05	8.99E+04	9.21E+04	8.91E+04
454	Methylenesuccinic acid	Organic acids	1.59E+05	1.87E+05	2.03E+05	1.44E+05	1.68E+05	1.80E+05	1.77E+05	1.78E+05	1.73E+05
455	2-Isopropylmalic Acid	Organic acids	7.87E+05	7.93E+05	7.74E+05	7.29E+05	7.32E+05	7.18E+05	7.53E+05	7.53E+05	7.58E+05
456	Indole-3-lactic acid	Organic acids	7.48E+03	6.57E+03	4.58E+03	6.29E+03	6.80E+03	6.19E+03	6.26E+03	5.91E+03	6.76E+03
457	2-Methylsuccinic acid	Organic acids	6.77E+05	7.02E+05	7.23E+05	7.91E+05	7.90E+05	7.09E+05	7.25E+05	7.31E+05	7.19E+05
458	4-Oxopentanoic Acid	Organic acids	3.82E+04	4.30E+04	3.80E+04	4.59E+04	4.39E+04	4.41E+04	4.11E+04	4.28E+04	4.23E+04
459	3-Methyl-2-Oxobutanoic acid	Organic acids	1.98E+05	1.96E+05	1.81E+05	2.21E+05	2.19E+05	2.42E+05	2.10E+05	2.10E+05	2.14E+05
460	Suberic Acid	Organic acids	6.47E+04	7.55E+04	7.26E+04	8.21E+04	8.25E+04	8.89E+04	7.72E+04	7.98E+04	7.79E+04
461	Dimethylmalonic acid	Organic acids	4.69E+04	5.32E+04	5.00E+04	5.99E+04	6.47E+04	5.56E+04	5.43E+04	5.46E+04	5.51E+04
462	Fumaric acid	Organic acids	1.49E+05	1.37E+05	1.46E+05	1.65E+05	2.37E+05	1.70E+05	1.76E+05	1.55E+05	1.74E+05
463	Diethyl phosphate	Organic acids	1.69E+05	1.34E+05	1.96E+05	1.04E+05	1.18E+05	1.20E+05	1.51E+05	1.38E+05	1.35E+05
464	D-Xylonic acid	Organic acids	1.58E+07	1.56E+07	1.58E+07	1.00E+07	8.91E+06	8.23E+06	1.22E+07	1.24E+07	1.21E+07
465	L-Tartaric acid	Organic acids	2.48E+04	2.32E+04	2.13E+04	5.15E+04	4.57E+04	2.68E+04	2.97E+04	3.07E+04	3.01E+04
466	Citraconic acid	Organic acids	2.51E+05	2.01E+05	2.02E+05	4.46E+05	4.09E+05	4.45E+05	3.27E+05	3.24E+05	3.27E+05
467	2-Hydroxyhexadecanoic acid	Organic acids	7.07E+05	7.83E+05	7.88E+05	1.54E+06	1.65E+06	1.57E+06	1.18E+06	1.17E+06	1.18E+06
468	Benzoylformic acid	Organic acids	7.73E+03	7.45E+03	9.42E+03	2.06E+04	1.33E+04	2.22E+04	1.32E+04	1.49E+04	1.27E+04
469	2-Oxoadipic acid	Organic acids	1.02E+04	3.67E+03	5.71E+03	1.25E+04	1.88E+04	1.92E+04	1.35E+04	1.03E+04	1.30E+04
470	2-Hydroxy-4-methylpentanoic acid	Organic acids	1.10E+04	1.01E+04	1.06E+04	2.46E+04	3.11E+04	3.59E+04	2.22E+04	2.03E+04	2.20E+04
471	2-Hydroxybutyric Acid	Organic acids	1.42E+04	1.42E+04	1.29E+04	3.91E+04	4.15E+04	3.91E+04	2.69E+04	2.63E+04	2.72E+04
472	2-Hydroxyisobutyric acid	Organic acids	1.92E+04	1.82E+04	1.30E+04	5.60E+04	5.03E+04	4.19E+04	3.11E+04	3.23E+04	3.24E+04
473	Phthalic acid	Organic acids	6.32E+03	1.53E+04	1.11E+04	3.36E+04	3.45E+04	3.46E+04	2.16E+04	2.36E+04	2.27E+04
474	2-Aminoethanesulfonic acid	Organic acids	4.31E+03	6.34E+03	5.00E+03	1.57E+04	1.80E+04	1.67E+04	1.10E+04	1.09E+04	1.13E+04
475	Lauric acid	Organic acids	4.26E+03	6.31E+03	5.15E+03	1.91E+04	1.90E+04	1.99E+04	1.21E+04	1.26E+04	1.24E+04
476	2-Furanoic acid	Organic acids	1.08E+05	1.15E+05	1.14E+05	3.23E+05	4.83E+05	5.10E+05	3.04E+05	2.66E+05	3.04E+05
477	1-Aminocyclopropane-1-carboxylic acid	Organic acids	8.19E+04	8.26E+04	8.87E+04	3.41E+05	3.65E+05	3.35E+05	2.18E+05	2.12E+05	2.16E+05
478	Acetoxyacetic acid	Organic acids	8.85E+04	7.76E+04	6.80E+04	3.49E+05	3.33E+05	3.52E+05	2.10E+05	2.12E+05	2.13E+05
479	Anchoic Acid	Organic acids	3.66E+06	3.91E+06	3.70E+06	1.90E+07	1.88E+07	1.84E+07	1.11E+07	1.13E+07	1.12E+07
480	Succinic anhydride	Organic acids	5.46E+04	5.23E+04	5.27E+04	3.95E+05	3.44E+05	4.02E+05	2.14E+05	2.26E+05	2.13E+05
481	6-Aminocaproic acid	Organic acids	1.94E+06	1.89E+06	1.90E+06	1.56E+07	1.47E+07	1.46E+07	8.28E+06	8.48E+06	8.28E+06
482	Ethylmalonic acid	Organic acids	2.10E+04	2.27E+04	2.90E+04	2.12E+05	1.98E+05	1.92E+05	1.10E+05	1.14E+05	1.08E+05

483	3-Dehydro-L-Threonic Acid	Organic acids	8.29E+06	9.01E+06	7.63E+06	7.42E+07	7.62E+07	7.77E+07	4.25E+07	4.21E+07	4.28E+07
484	Dodecanedioic acid	Organic acids	1.12E+03	1.18E+03	9.60E+02	1.00E+04	1.08E+04	1.03E+04	5.78E+03	5.60E+03	5.83E+03
485	Glutaric acid	Organic acids	5.99E+05	6.16E+05	5.85E+05	5.94E+06	5.65E+06	5.59E+06	3.11E+06	3.18E+06	3.11E+06
486	2,2-Dimethylsuccinic acid	Organic acids	2.44E+04	2.23E+04	2.27E+04	2.47E+05	2.08E+05	2.25E+05	1.20E+05	1.29E+05	1.20E+05
487	Succinic acid	Organic acids	8.37E+06	7.82E+06	7.95E+06	8.15E+07	7.77E+07	7.95E+07	4.34E+07	4.42E+07	4.33E+07
488	α -Ketoglutaric acid	Organic acids	8.22E+04	9.16E+04	7.90E+04	8.44E+05	8.21E+05	8.39E+05	4.55E+05	4.64E+05	4.59E+05
489	Methylmalonic acid	Organic acids	8.06E+06	7.78E+06	7.91E+06	8.06E+07	7.66E+07	7.93E+07	4.30E+07	4.39E+07	4.29E+07
490	Aminomalonic acid	Organic acids	2.88E+05	2.68E+05	2.69E+05	2.98E+06	2.79E+06	2.79E+06	1.53E+06	1.58E+06	1.53E+06
491	L-(-)-Malic acid	Organic acids	2.90E+05	3.12E+05	2.82E+05	3.01E+06	3.08E+06	3.17E+06	1.71E+06	1.69E+06	1.71E+06
492	3-Hydroxypropanoic acid	Organic acids	1.26E+04	9.96E+03	6.77E+03	1.27E+05	1.39E+05	1.45E+05	7.60E+04	7.22E+04	7.68E+04
493	(-)-Jasmonoyl-L-Isoleucine	Organic acids	2.75E+03	2.92E+03	3.07E+03	2.00E+05	1.96E+05	1.99E+05	1.00E+05	1.01E+05	1.00E+05
494	Nicotinate D-ribonucleoside	Vitamins	1.57E+05	1.47E+05	1.21E+05	1.40E+05	1.43E+05	1.21E+05	1.35E+05	1.32E+05	1.42E+05
495	Nicotinamide	Vitamins	7.37E+05	7.41E+05	8.26E+05	1.08E+06	1.06E+06	1.02E+06	9.10E+05	9.17E+05	8.88E+05
496	D-Pantothenic Acid	Vitamins	5.97E+05	5.75E+05	5.95E+05	1.41E+06	1.46E+06	1.42E+06	1.02E+06	9.98E+05	1.01E+06
497	Riboflavin	Vitamins	9.93E+04	1.05E+05	1.23E+05	3.71E+05	2.98E+05	3.23E+05	2.11E+05	2.30E+05	2.06E+05
498	Pyridoxine	Vitamins	1.24E+06	1.33E+06	1.23E+06	5.31E+06	5.09E+06	5.29E+06	3.21E+06	3.29E+06	3.24E+06
499	4-Pyridoxic acid	Vitamins	2.38E+04	2.37E+04	2.70E+04	1.18E+05	1.16E+05	1.17E+05	7.11E+04	7.15E+04	7.03E+04
500	Pyridoxine-5'-O-glucoside	Vitamins	3.90E+05	3.72E+05	4.20E+05	3.94E+06	3.53E+06	3.67E+06	2.00E+06	2.10E+06	1.99E+06
501	L-Ascorbic acid	Vitamins	1.83E+04	2.34E+04	2.23E+04	2.92E+05	2.71E+05	2.75E+05	1.47E+05	1.53E+05	1.47E+05
502	4-Pyridoxic acid-O-glucoside	Vitamins	9.00E+00	9.00E+00	9.00E+00	3.73E+04	3.48E+04	3.44E+04	1.73E+04	1.79E+04	1.73E+04
503	2-Aminopurine	Others	1.31E+05	1.30E+05	1.07E+05	9.00E+00	9.00E+00	9.00E+00	5.93E+04	5.92E+04	6.52E+04
504	Heptadecanoic acid	Others	9.02E+04	8.84E+04	8.73E+04	9.00E+00	9.00E+00	9.00E+00	4.44E+04	4.39E+04	4.47E+04
505	1-O-Feruloyl-3-O-caffeoylglycerol	Others	6.84E+04	6.08E+04	6.27E+04	9.00E+00	9.00E+00	9.00E+00	3.28E+04	3.09E+04	3.23E+04
506	3,5-Dihydroxy-2,4-dimethoxy-9H-fluoren-9-one	Others	1.07E+04	1.23E+04	1.30E+04	9.00E+00	9.00E+00	9.00E+00	5.93E+03	6.34E+03	5.76E+03
507	Ursolic acid	Others	1.22E+04	1.07E+04	9.15E+03	9.00E+00	9.00E+00	9.00E+00	5.35E+03	4.96E+03	5.73E+03
508	Rosiridin	Others	8.50E+03	8.87E+03	9.32E+03	9.00E+00	9.00E+00	9.00E+00	4.46E+03	4.55E+03	4.35E+03
509	27,28-Dicarboxyl ursolic acid	Others	6.23E+03	9.72E+03	6.57E+03	9.00E+00	9.00E+00	9.00E+00	3.20E+03	4.08E+03	3.99E+03
510	9,10-Epoxyoctadecanoic Acid	Others	7.46E+03	6.95E+03	7.10E+03	9.00E+00	9.00E+00	9.00E+00	3.64E+03	3.52E+03	3.61E+03
511	Pantetheine	Others	2.34E+03	4.24E+03	6.12E+03	9.00E+00	9.00E+00	9.00E+00	2.12E+03	2.59E+03	1.65E+03
512	2'-Deoxyinosine-5'-monophosphate	Others	9.20E+06	1.02E+07	9.70E+06	1.94E+04	3.49E+04	1.87E+04	4.74E+06	4.99E+06	4.86E+06
513	8,15-Dihydroxy-5,9,11,13-eicosatetraenoic acid	Others	8.06E+05	8.00E+05	8.16E+05	5.50E+03	3.79E+03	3.56E+03	4.07E+05	4.06E+05	4.03E+05
514	2-(Formylamino)benzoic acid	Others	1.57E+07	1.56E+07	1.48E+07	4.65E+05	3.65E+05	5.87E+05	7.87E+06	7.86E+06	8.05E+06
515	Sarmentosin	Others	8.14E+05	8.23E+05	7.95E+05	2.71E+04	2.68E+04	2.78E+04	4.16E+05	4.18E+05	4.23E+05
516	Cyclic 3',5'-Adenylic acid	Others	8.22E+05	8.70E+05	8.62E+05	3.38E+04	3.13E+04	2.55E+04	4.35E+05	4.48E+05	4.37E+05
517	β -Nicotinamide mononucleotide	Others	2.41E+05	2.72E+05	2.79E+05	9.48E+03	1.35E+04	7.49E+03	1.35E+05	1.42E+05	1.34E+05
518	Adenosine 5'-monophosphate	Others	1.51E+06	1.48E+06	1.64E+06	8.38E+04	6.96E+04	8.21E+04	8.26E+05	8.22E+05	7.85E+05
519	Guanosine 3',5'-cyclic monophosphate	Others	1.08E+06	1.07E+06	1.16E+06	5.45E+04	6.06E+04	5.60E+04	5.90E+05	5.85E+05	5.67E+05
520	2-Deoxyribose-5'-phosphate	Others	9.99E+05	9.28E+05	9.56E+05	5.89E+04	5.13E+04	5.59E+04	5.16E+05	5.00E+05	5.09E+05
521	Guanosine 5'-monophosphate	Others	1.35E+05	1.70E+05	1.40E+05	9.23E+03	1.13E+04	8.97E+03	7.39E+04	8.22E+04	8.14E+04
522	O-Phosphocholine	Others	1.46E+06	1.52E+06	1.43E+06	9.00E+04	8.45E+04	1.19E+05	7.75E+05	7.91E+05	7.97E+05
523	Eicosadienoic acid	Others	4.55E+06	4.59E+06	4.66E+06	4.06E+05	4.21E+05	4.60E+05	2.52E+06	2.53E+06	2.51E+06
524	Uridine 5'-monophosphate	Others	2.04E+05	2.16E+05	2.33E+05	2.19E+04	2.10E+04	2.07E+04	1.20E+05	1.23E+05	1.16E+05
525	5-Aminoimidazole ribonucleotide	Others	1.37E+06	1.35E+06	1.48E+06	1.42E+05	1.44E+05	1.43E+05	7.84E+05	7.80E+05	7.52E+05
526	O-Phosphorylethanolamine	Others	5.26E+04	5.17E+04	4.82E+04	5.15E+03	6.75E+03	5.46E+03	2.83E+04	2.76E+04	2.91E+04

527	Cimidilide	Others	4.75E+04	5.43E+04	4.67E+04	5.63E+03	5.93E+03	5.94E+03	2.65E+04	2.82E+04	2.84E+04
528	Uridine 5'-diphospho-D-glucose	Others	2.13E+05	1.97E+05	1.82E+05	3.03E+04	2.12E+04	2.10E+04	1.09E+05	1.07E+05	1.13E+05
529	2-Deoxyribose-1-phosphate	Others	3.45E+05	3.78E+05	2.52E+05	5.10E+04	3.09E+04	5.13E+04	1.70E+05	1.83E+05	2.01E+05
530	2-Linoleoylglycerol	Others	1.30E+06	1.29E+06	1.38E+06	1.76E+05	1.85E+05	2.14E+05	7.71E+05	7.66E+05	7.49E+05
531	Cytidine 5'-monophosphate(Cytidylic acid)	Others	6.97E+04	7.33E+04	5.76E+04	1.07E+04	9.73E+03	9.52E+03	3.66E+04	3.78E+04	4.06E+04
532	1-Linoleoylglycerol	Others	1.92E+06	1.88E+06	1.95E+06	3.00E+05	3.31E+05	3.26E+05	1.13E+06	1.12E+06	1.11E+06
533	N6-Isopentenyladenine	Others	1.33E+05	1.12E+05	1.27E+05	2.11E+04	1.88E+04	2.35E+04	7.56E+04	7.08E+04	7.18E+04
534	Cis-10-Heptadecenoic Acid	Others	2.63E+06	2.63E+06	2.59E+06	4.40E+05	4.65E+05	4.67E+05	1.54E+06	1.53E+06	1.55E+06
535	5-Hydroxymethylfurfural	Others	6.75E+05	8.33E+05	6.23E+05	9.70E+04	2.10E+05	1.47E+05	4.14E+05	4.25E+05	4.66E+05
536	5,6-Dihydroxyindole-5-O-β-glucoside	Others	1.98E+05	1.96E+05	1.76E+05	4.69E+04	3.58E+04	4.30E+04	1.13E+05	1.16E+05	1.18E+05
537	N1,N8-Bis(sinapoyl)spermidine	Others	8.18E+04	9.75E+04	8.87E+04	2.49E+04	1.55E+04	2.13E+04	5.18E+04	5.81E+04	5.40E+04
538	2-Linoleoylglycerol-1-O-glucoside	Others	8.44E+03	7.44E+03	7.72E+03	1.75E+03	1.32E+03	2.54E+03	5.01E+03	4.86E+03	4.94E+03
539	Sodium Valproate	Others	2.51E+07	2.52E+07	2.54E+07	6.06E+06	6.04E+06	6.32E+06	1.57E+07	1.57E+07	1.57E+07
540	1-Oleoyl-Sn-Glycerol	Others	3.75E+05	3.97E+05	3.61E+05	1.07E+05	9.26E+04	1.02E+05	2.33E+05	2.41E+05	2.42E+05
541	Rosiridoside A	Others	7.79E+04	9.38E+04	5.83E+04	1.52E+04	2.10E+04	2.61E+04	4.58E+04	4.84E+04	5.47E+04
542	β-Pseudouridine	Others	5.05E+04	5.39E+04	6.90E+04	1.90E+04	1.27E+04	1.68E+04	3.73E+04	3.97E+04	3.35E+04
543	9-Hydroxy-13-oxo-10-octadecenoic Acid	Others	2.80E+05	2.74E+05	2.79E+05	6.80E+04	6.93E+04	9.65E+04	1.81E+05	1.79E+05	1.80E+05
544	11-Octadecanoic acid(Vaccenic acid)	Others	3.15E+07	3.10E+07	2.96E+07	8.86E+06	8.99E+06	9.65E+06	1.99E+07	1.98E+07	2.03E+07
545	Uridine 5'-diphospho-N-acetylglucosamine	Others	1.84E+04	1.85E+04	1.75E+04	5.76E+03	6.59E+03	5.14E+03	1.19E+04	1.17E+04	1.21E+04
546	NADP (Nicotinamide adenine dinucleotide phosphate)	Others	1.48E+04	1.76E+04	1.35E+04	6.06E+03	4.75E+03	3.96E+03	9.26E+03	1.03E+04	1.03E+04
547	9(10)-EpOME ₂ (9R,10S)-(12Z)-9,10-Epoxyoctadecenoic acid	Others	7.06E+05	7.27E+05	7.46E+05	2.42E+05	2.33E+05	2.46E+05	4.83E+05	4.90E+05	4.78E+05
548	Uridine	Others	7.30E+05	6.42E+05	6.48E+05	2.36E+05	2.08E+05	2.59E+05	4.61E+05	4.46E+05	4.60E+05
549	Adenosine	Others	1.98E+06	2.29E+06	2.25E+06	8.09E+05	7.78E+05	7.89E+05	1.45E+06	1.53E+06	1.46E+06
550	2-Linoleoylglycerol-1,3-di-O-glucoside	Others	4.35E+04	3.14E+04	5.45E+04	1.79E+04	1.30E+04	1.69E+04	3.20E+04	3.02E+04	2.62E+04
551	1-Linoleoylglycerol-2,3-di-O-glucoside	Others	1.65E+04	1.68E+04	1.61E+04	7.06E+03	5.12E+03	6.30E+03	1.10E+04	1.16E+04	1.12E+04
552	6'-O-Glucosylaucubin	Others	1.17E+04	8.01E+03	1.26E+04	3.92E+03	4.44E+03	3.89E+03	8.14E+03	7.10E+03	7.00E+03
553	Nicotinic acid adenine dinucleotide	Others	6.94E+04	6.17E+04	6.95E+04	2.64E+04	2.50E+04	2.49E+04	4.72E+04	4.56E+04	4.52E+04
554	L-Tyramine	Others	6.38E+05	6.44E+05	7.32E+05	2.58E+05	2.58E+05	2.55E+05	4.71E+05	4.72E+05	4.49E+05
555	Oleamide (9-Octadecenamide)	Others	3.23E+05	3.38E+05	2.87E+05	9.34E+04	1.18E+05	1.53E+05	2.20E+05	2.18E+05	2.33E+05
556	7S,8S-DiHODE; (9Z,12Z)-(7S,8S)-Dihydroxyoctadeca-9,12-dienoic acid	Others	8.46E+05	9.00E+05	8.91E+05	3.18E+05	3.08E+05	3.95E+05	6.10E+05	6.26E+05	6.12E+05
557	1-Eicosanol	Others	1.93E+05	1.89E+05	1.99E+05	8.27E+04	8.51E+04	8.70E+04	1.41E+05	1.39E+05	1.39E+05
558	Phenylethanolamine	Others	2.83E+05	2.89E+05	2.93E+05	1.32E+05	1.31E+05	1.31E+05	2.09E+05	2.11E+05	2.08E+05
559	12,13-Epoxy-9-Octadecenoic Acid	Others	3.27E+05	3.44E+05	3.64E+05	1.57E+05	1.60E+05	1.61E+05	2.53E+05	2.56E+05	2.48E+05
560	Choline	Others	1.13E+07	1.21E+07	1.16E+07	6.13E+06	5.78E+06	6.04E+06	8.68E+06	8.98E+06	8.82E+06
561	5'-Deoxy-5'-(methylthio)adenosine	Others	3.90E+06	3.67E+06	4.00E+06	2.03E+06	2.00E+06	1.96E+06	2.96E+06	2.91E+06	2.88E+06
562	Guanosine	Others	6.36E+06	6.55E+06	6.89E+06	3.70E+06	3.57E+06	3.37E+06	5.05E+06	5.13E+06	4.96E+06
563	3,4'-Dihydroxy-3'-methoxybenzenepentanoic acid	Others	3.77E+04	3.52E+04	3.66E+04	2.15E+04	2.37E+04	1.55E+04	2.84E+04	2.72E+04	2.80E+04
564	12,13-DHOME; (9Z)-12,13-Dihydroxyoctadec-9-enoic acid	Others	1.42E+05	1.46E+05	1.52E+05	8.45E+04	8.57E+04	8.22E+04	1.16E+05	1.16E+05	1.14E+05
565	Linoleic acid	Others	3.15E+07	2.98E+07	3.06E+07	1.73E+07	1.69E+07	1.87E+07	2.44E+07	2.41E+07	2.42E+07
566	Adenosine 5'-diphosphate	Others	3.31E+04	4.65E+04	3.90E+04	2.23E+04	2.34E+04	2.33E+04	2.97E+04	3.28E+04	3.16E+04
567	D-Pinitol	Others	7.09E+04	7.76E+04	6.91E+04	4.41E+04	4.87E+04	4.35E+04	5.80E+04	5.86E+04	6.02E+04
568	13S-Hydroperoxy-9Z,11E-octadecadienoic acid	Others	1.99E+06	2.05E+06	1.98E+06	1.28E+06	1.25E+06	1.26E+06	1.62E+06	1.64E+06	1.64E+06
569	Punicic acid (9Z,11E,13Z-octadecatrienoic acid)	Others	6.92E+06	6.95E+06	7.37E+06	4.62E+06	4.62E+06	4.66E+06	5.89E+06	5.90E+06	5.79E+06

570	4-Aminoindole	Others	6.06E+04	4.76E+04	4.47E+04	3.24E+04	3.58E+04	3.70E+04	4.45E+04	4.04E+04	4.53E+04
571	9S-Hydroxy-10E,12Z-octadecadienoic acid	Others	3.61E+06	3.78E+06	3.81E+06	2.59E+06	2.57E+06	2.61E+06	3.15E+06	3.20E+06	3.14E+06
572	Maltol	Others	6.39E+05	6.69E+05	5.96E+05	3.56E+05	5.17E+05	4.45E+05	5.49E+05	5.16E+05	5.68E+05
573	13(S)-HODE;13(S)-Hydroxyoctadeca-9Z,11E-dienoic acid	Others	3.56E+06	3.76E+06	3.74E+06	2.61E+06	2.59E+06	2.61E+06	3.12E+06	3.18E+06	3.13E+06
574	Nicotinic Acid Methyl Ester(Methyl Nicotinate)	Others	3.74E+05	3.79E+05	3.83E+05	2.64E+05	2.85E+05	2.58E+05	3.25E+05	3.21E+05	3.24E+05
575	Pentadecanoic Acid	Others	4.11E+05	4.22E+05	4.05E+05	2.86E+05	3.20E+05	3.17E+05	3.63E+05	3.58E+05	3.68E+05
576	D-Arabinono-1,4-lactone	Others	2.38E+05	2.47E+05	2.51E+05	1.46E+05	1.76E+05	2.29E+05	2.24E+05	2.18E+05	2.22E+05
577	Uracil	Others	3.37E+05	3.07E+05	3.47E+05	2.31E+05	2.63E+05	2.72E+05	3.05E+05	2.89E+05	2.95E+05
578	9,10,13-Trihydroxy-11-Octadecenoic Acid	Others	3.03E+06	2.92E+06	3.03E+06	2.32E+06	2.28E+06	2.36E+06	2.68E+06	2.66E+06	2.65E+06
579	Agmatine	Others	6.20E+04	6.33E+04	6.45E+04	5.26E+04	5.38E+04	4.68E+04	5.68E+04	5.68E+04	5.65E+04
580	Cocamidopropyl betaine	Others	8.61E+03	9.44E+03	7.28E+03	3.95E+03	6.61E+03	1.09E+04	8.35E+03	7.89E+03	8.89E+03
581	Palmitoleic Acid	Others	9.56E+03	1.10E+04	9.18E+03	6.85E+03	7.60E+03	1.13E+04	9.40E+03	9.56E+03	9.84E+03
582	16-Methylheptadecanoic acid	Others	2.08E+07	2.35E+07	2.31E+07	2.00E+07	1.95E+07	1.92E+07	2.06E+07	2.15E+07	2.08E+07
583	Monopalmitin	Others	5.31E+04	5.94E+04	5.99E+04	4.91E+04	4.98E+04	5.46E+04	5.44E+04	5.58E+04	5.42E+04
584	Indole 3-acetic acid (IAA)	Others	3.17E+04	2.90E+04	2.61E+04	2.45E+04	2.45E+04	2.94E+04	2.79E+04	2.73E+04	2.87E+04
585	Octadeca-11E,13E,15Z-trienoic acid	Others	1.04E+07	9.72E+06	1.02E+07	8.63E+06	9.03E+06	9.78E+06	9.86E+06	9.59E+06	9.73E+06
586	9-(Arabinosyl)hypoxanthine	Others	8.89E+04	8.53E+04	9.52E+04	9.15E+04	7.55E+04	7.75E+04	8.43E+04	8.74E+04	8.18E+04
587	N-Acetylputrescine	Others	6.15E+04	6.01E+04	6.60E+04	4.86E+04	6.57E+04	6.00E+04	6.33E+04	5.87E+04	6.18E+04
588	Hexadecylsphingosine	Others	2.27E+06	2.27E+06	2.70E+06	1.95E+06	2.28E+06	2.51E+06	2.44E+06	2.36E+06	2.33E+06
589	Diethanolamine	Others	5.74E+04	5.89E+04	6.25E+04	5.22E+04	6.39E+04	5.55E+04	5.98E+04	5.73E+04	5.89E+04
590	N-Lauryldiethanolamine	Others	1.66E+04	1.29E+04	1.06E+04	1.04E+04	1.20E+04	1.67E+04	1.40E+04	1.27E+04	1.46E+04
591	Eicosenoic acid	Others	2.53E+06	2.37E+06	2.70E+06	8.75E+05	8.27E+05	6.02E+06	3.02E+06	2.99E+06	2.94E+06
592	Anthranilic Acid	Others	1.05E+04	1.58E+04	1.44E+04	1.21E+04	1.32E+04	1.62E+04	1.36E+04	1.46E+04	1.39E+04
593	Isopentenyladenine-7-N-glucoside	Others	1.29E+05	1.38E+05	1.21E+05	1.39E+05	1.14E+05	1.43E+05	1.27E+05	1.35E+05	1.31E+05
594	Palmitaldehyde	Others	5.29E+06	3.88E+06	3.49E+06	6.02E+06	3.61E+06	3.45E+06	3.96E+06	4.21E+06	4.06E+06
595	2- α -Linolenoyl-glycerol	Others	1.63E+06	1.70E+06	1.77E+06	1.72E+06	1.74E+06	1.84E+06	1.74E+06	1.76E+06	1.73E+06
596	Nicotianamine	Others	7.32E+04	8.40E+04	9.70E+04	9.65E+04	8.73E+04	8.28E+04	8.51E+04	9.01E+04	8.19E+04
597	1- α -Linolenoyl-glycerol	Others	4.15E+06	4.22E+06	4.30E+06	4.16E+06	4.56E+06	4.68E+06	4.42E+06	4.34E+06	4.40E+06
598	Indole	Others	4.97E+04	3.76E+04	4.28E+04	4.79E+04	5.01E+04	4.55E+04	4.70E+04	4.34E+04	4.57E+04
599	5-Methyluridine	Others	8.08E+03	5.80E+03	8.36E+03	9.28E+03	9.93E+03	6.13E+03	8.13E+03	7.39E+03	7.49E+03
600	Methoxyindoleacetic acid	Others	7.36E+05	6.73E+05	7.63E+05	7.95E+05	8.15E+05	8.91E+05	8.01E+05	7.80E+05	7.79E+05
601	4-Nitrophenol	Others	1.54E+07	1.45E+07	1.57E+07	1.68E+07	1.81E+07	1.77E+07	1.67E+07	1.62E+07	1.64E+07
602	Acetryptine	Others	7.53E+03	8.02E+03	5.55E+03	1.01E+04	6.63E+03	7.86E+03	6.90E+03	7.89E+03	7.51E+03
603	3-Hydroxyoctadecanoic Acid	Others	2.67E+05	3.07E+05	3.63E+05	3.11E+05	3.50E+05	5.00E+05	3.70E+05	3.70E+05	3.56E+05
604	Betaine	Others	5.91E+05	6.69E+05	6.27E+05	7.43E+05	8.46E+05	7.78E+05	7.10E+05	7.04E+05	7.21E+05
605	Xanthosine	Others	3.47E+05	3.47E+05	3.60E+05	4.50E+05	4.33E+05	5.01E+05	4.10E+05	4.14E+05	4.07E+05
606	Adenine	Others	6.69E+06	6.57E+06	6.54E+06	8.81E+06	8.66E+06	9.03E+06	7.73E+06	7.74E+06	7.74E+06
607	Benzamide	Others	7.90E+04	7.58E+04	7.63E+04	1.12E+05	9.99E+04	1.13E+05	9.21E+04	9.43E+04	9.20E+04
608	3-Indolepropionic acid	Others	1.58E+04	1.27E+04	1.34E+04	1.72E+04	2.46E+04	1.80E+04	1.80E+04	1.53E+04	1.78E+04
609	α -Linolenic Acid	Others	2.01E+07	2.01E+07	2.02E+07	2.89E+07	2.85E+07	2.90E+07	2.45E+07	2.46E+07	2.44E+07
610	Spermine	Others	2.72E+07	2.75E+07	2.43E+07	3.77E+07	3.74E+07	3.88E+07	3.19E+07	3.21E+07	3.27E+07
611	γ -Linolenic Acid	Others	1.99E+07	1.98E+07	1.93E+07	2.87E+07	2.85E+07	2.85E+07	2.40E+07	2.41E+07	2.41E+07
612	Succinyladenosine	Others	4.93E+05	5.37E+05	4.77E+05	7.63E+05	7.26E+05	7.14E+05	6.02E+05	6.23E+05	6.17E+05
613	Histidinol	Others	6.22E+06	5.97E+06	6.34E+06	9.20E+06	9.04E+06	9.06E+06	7.66E+06	7.64E+06	7.57E+06

614	Phenethylamine	Others	2.43E+05	2.51E+05	2.95E+05	4.00E+05	3.88E+05	4.09E+05	3.33E+05	3.39E+05	3.23E+05
615	5,7-Dihydroxychromone	Others	1.01E+05	9.79E+04	9.17E+04	1.48E+05	1.47E+05	1.47E+05	1.22E+05	1.21E+05	1.23E+05
616	Acetylcholine	Others	3.43E+05	3.15E+05	3.01E+05	5.01E+05	5.04E+05	5.38E+05	4.22E+05	4.14E+05	4.25E+05
617	4-Methyl-5-thiazoleethanol	Others	3.58E+03	5.47E+03	5.14E+03	7.89E+03	8.06E+03	7.51E+03	6.07E+03	6.51E+03	6.16E+03
618	4-Aminobenzoic acid	Others	3.18E+04	3.04E+04	3.24E+04	6.01E+04	5.78E+04	5.12E+04	4.33E+04	4.35E+04	4.28E+04
619	Anthranilate-1-O-Sophoroside	Others	2.35E+05	2.48E+05	2.41E+05	4.34E+05	4.62E+05	4.45E+05	3.46E+05	3.42E+05	3.48E+05
620	13-Hydroxy-6,9,11-octadecatrienoic acid	Others	2.22E+04	1.72E+04	1.98E+04	3.20E+04	3.82E+04	4.06E+04	3.02E+04	2.74E+04	2.95E+04
621	Hypoxanthine	Others	4.01E+04	4.37E+04	3.72E+04	7.12E+04	7.80E+04	8.08E+04	5.90E+04	5.82E+04	6.06E+04
622	Allopurinol	Others	2.64E+04	3.20E+04	2.80E+04	5.21E+04	5.70E+04	6.15E+04	4.32E+04	4.34E+04	4.42E+04
623	Cytidine	Others	2.85E+06	2.75E+06	2.93E+06	6.39E+06	5.12E+06	6.19E+06	4.27E+06	4.56E+06	4.23E+06
624	Cytosine	Others	4.95E+05	4.83E+05	4.54E+05	1.05E+06	1.05E+06	1.12E+06	7.77E+05	7.76E+05	7.84E+05
625	Isoguanine	Others	1.37E+05	1.41E+05	1.45E+05	3.31E+05	3.50E+05	3.06E+05	2.35E+05	2.31E+05	2.33E+05
626	Undecylic Acid	Others	2.89E+05	2.65E+05	3.24E+05	6.78E+05	6.90E+05	7.49E+05	5.13E+05	5.04E+05	4.98E+05
627	Guanine	Others	3.43E+05	3.51E+05	3.51E+05	8.69E+05	8.56E+05	9.79E+05	6.32E+05	6.37E+05	6.32E+05
628	Arachidonic Acid	Others	3.92E+03	1.81E+03	3.36E+03	9.16E+03	8.96E+03	6.48E+03	5.68E+03	5.20E+03	5.29E+03
629	Histamine	Others	2.73E+05	3.09E+05	2.71E+05	7.83E+05	7.44E+05	7.95E+05	5.21E+05	5.40E+05	5.31E+05
630	2-(Dimethylamino)guanosine	Others	5.26E+05	4.94E+05	4.80E+05	1.54E+06	1.52E+06	1.56E+06	1.02E+06	1.02E+06	1.02E+06
631	Xanthine	Others	1.28E+05	1.48E+05	1.69E+05	3.77E+05	4.28E+05	5.82E+05	3.27E+05	3.19E+05	3.22E+05
632	1-Linolenoyl-rac-glycerol-diglucoside	Others	3.85E+05	3.47E+05	3.14E+05	1.18E+06	1.10E+06	1.26E+06	7.65E+05	7.76E+05	7.73E+05
633	9,12-Octadecadien-6-Ynoic Acid	Others	3.48E+04	3.91E+04	3.41E+04	1.17E+05	1.24E+05	1.32E+05	8.14E+04	8.07E+04	8.26E+04
634	DL-2-Aminoadipic acid	Others	8.35E+05	8.72E+05	1.12E+06	3.31E+06	3.26E+06	3.31E+06	2.13E+06	2.15E+06	2.07E+06
635	Indole-3-carboxylic acid	Others	6.69E+04	5.77E+04	5.18E+04	2.35E+05	2.45E+05	1.93E+05	1.39E+05	1.34E+05	1.40E+05
636	D-Proline betaine	Others	1.33E+04	1.63E+04	1.60E+04	4.13E+04	7.26E+04	6.19E+04	4.10E+04	3.39E+04	4.10E+04
637	7-Methylguanine	Others	1.10E+04	7.94E+03	9.89E+03	3.71E+04	3.48E+04	3.95E+04	2.38E+04	2.36E+04	2.33E+04
638	6-Methylmercaptapurine	Others	6.46E+06	6.40E+06	6.54E+06	2.69E+07	2.58E+07	2.63E+07	1.63E+07	1.65E+07	1.62E+07
639	N-Benzylmethylene isomethylamine	Others	2.66E+06	2.72E+06	2.82E+06	1.16E+07	1.15E+07	1.15E+07	7.12E+06	7.16E+06	7.09E+06
640	4-Hydroxymandelonitrile	Others	6.79E+05	6.38E+05	5.89E+05	2.92E+06	2.50E+06	2.78E+06	1.64E+06	1.73E+06	1.65E+06
641	1-methylguanidine	Others	6.66E+03	6.47E+03	8.90E+03	3.62E+04	3.18E+04	2.98E+04	1.93E+04	2.04E+04	1.87E+04
642	N-Oleoylethanolamine	Others	5.80E+05	5.73E+05	5.67E+05	2.29E+06	2.54E+06	2.81E+06	1.62E+06	1.56E+06	1.63E+06
643	Clove chromone	Others	6.57E+03	3.36E+03	5.16E+03	2.28E+04	2.65E+04	2.31E+04	1.53E+04	1.36E+04	1.49E+04
644	Cadaverine	Others	4.63E+05	5.19E+05	4.56E+05	2.34E+06	2.31E+06	2.33E+06	1.39E+06	1.41E+06	1.41E+06
645	Myristic Acid	Others	1.21E+07	1.15E+07	1.22E+07	6.01E+07	5.95E+07	6.16E+07	3.63E+07	3.63E+07	3.61E+07
646	Eucommiol	Others	2.78E+05	3.04E+05	3.14E+05	1.63E+06	1.66E+06	1.64E+06	9.72E+05	9.70E+05	9.70E+05
647	2'-Deoxyadenosine	Others	1.07E+06	1.03E+06	1.02E+06	5.81E+06	6.10E+06	5.84E+06	3.51E+06	3.42E+06	3.51E+06
648	2- α -Linolenoyl-glycerol-1-O-glucoside	Others	3.97E+03	2.92E+03	4.10E+03	2.72E+04	1.99E+04	1.89E+04	1.17E+04	1.33E+04	1.14E+04
649	N7-Methylguanosine	Others	9.24E+03	1.68E+04	9.26E+03	7.43E+04	7.72E+04	7.07E+04	4.16E+04	4.28E+04	4.35E+04
650	Indole-5-carboxylic acid	Others	1.61E+04	1.31E+04	1.37E+04	8.50E+04	9.97E+04	9.02E+04	5.49E+04	5.05E+04	5.48E+04
651	1-Stearidonoyl-Glycerol	Others	2.15E+05	2.18E+05	2.25E+05	1.42E+06	1.40E+06	1.43E+06	8.16E+05	8.22E+05	8.14E+05
652	1- α -Linolenoyl-glycerol-3-O-glucoside	Others	4.79E+03	1.68E+03	4.04E+03	2.46E+04	1.95E+04	2.38E+04	1.30E+04	1.35E+04	1.24E+04
653	3-Hydroxypropyl palmitate glc-glucosamine	Others	2.18E+05	2.46E+05	2.12E+05	1.61E+06	1.54E+06	1.58E+06	8.86E+05	9.13E+05	8.95E+05
654	1- α -Linolenoyl-glycerol-2,3-di-O-glucoside	Others	5.37E+03	5.17E+03	3.76E+03	3.17E+04	3.19E+04	3.72E+04	1.96E+04	1.95E+04	1.99E+04
655	1-Methyladenine	Others	1.25E+04	1.29E+04	9.79E+03	7.03E+04	9.40E+04	9.64E+04	5.32E+04	4.73E+04	5.39E+04
656	9,12,13-Trihydroxy-10,15-octadecadienoic acid	Others	2.10E+05	2.02E+05	1.95E+05	1.55E+06	1.51E+06	1.56E+06	8.68E+05	8.76E+05	8.70E+05
657	2'-Deoxyadenosine-5'-monophosphate	Others	1.14E+05	1.12E+05	1.15E+05	9.23E+05	8.91E+05	9.79E+05	5.25E+05	5.32E+05	5.24E+05

658	2- α -Linolenoyl-glycerol-1,3-di-O-glucoside	Others	1.01E+04	8.33E+03	1.08E+04	5.69E+04	1.20E+05	6.58E+04	5.18E+04	3.55E+04	5.12E+04
659	domesticoside	Others	3.30E+05	3.70E+05	3.47E+05	2.79E+06	2.88E+06	3.07E+06	1.66E+06	1.65E+06	1.66E+06
660	Piperidine	Others	1.41E+06	1.49E+06	1.47E+06	1.22E+07	1.19E+07	1.27E+07	6.87E+06	6.96E+06	6.88E+06
661	Oleoside 11-methyl ester	Others	3.22E+03	4.93E+03	3.65E+03	2.97E+04	4.06E+04	3.12E+04	1.97E+04	1.74E+04	2.00E+04
662	6-Deoxyfagomine	Others	1.64E+06	1.58E+06	1.59E+06	1.39E+07	1.35E+07	1.40E+07	7.69E+06	7.79E+06	7.69E+06
663	Methyl 7,10-hexadecadienoate	Others	1.01E+06	1.16E+06	1.13E+06	1.17E+07	1.18E+07	1.18E+07	6.43E+06	6.44E+06	6.43E+06
664	3-Aminosalicylic acid	Others	1.80E+04	1.73E+04	1.98E+04	2.44E+05	2.26E+05	2.44E+05	1.27E+05	1.31E+05	1.26E+05
665	9-Hydroperoxy-10E,12,15Z-octadecatrienoic acid	Others	6.27E+04	6.24E+04	5.53E+04	8.12E+05	8.01E+05	8.05E+05	4.31E+05	4.34E+05	4.33E+05
666	9-Oxo-10E,12Z-octadecadienoic acid	Others	8.21E+04	8.50E+04	8.80E+04	1.18E+06	1.17E+06	1.21E+06	6.38E+05	6.41E+05	6.37E+05
667	3,5,7,4'-Tetrahydroxy-Coumaronochromone	Others	3.88E+04	2.22E+04	3.85E+04	6.25E+05	5.26E+05	3.69E+05	2.43E+05	2.64E+05	2.39E+05
668	9-Hydroxy-12-oxo-15(Z)-octadecenoic acid	Others	4.84E+05	4.87E+05	4.89E+05	8.18E+06	8.14E+06	8.10E+06	4.30E+06	4.31E+06	4.30E+06
669	9-Hydroxy-10,12,15-octadecatrienoic acid	Others	1.06E+05	1.07E+05	1.04E+05	1.80E+06	1.78E+06	1.89E+06	9.71E+05	9.75E+05	9.72E+05
670	Thymidine	Others	2.06E+05	1.88E+05	1.95E+05	3.54E+06	3.25E+06	3.62E+06	1.82E+06	1.89E+06	1.82E+06
671	13-KODE; (9Z,11E)-13-Oxo-octadeca-9,11-dienoic acid	Others	1.06E+05	1.08E+05	1.12E+05	1.99E+06	2.01E+06	2.00E+06	1.06E+06	1.05E+06	1.06E+06
672	5-Methylcytosine	Others	1.16E+04	7.95E+03	7.04E+03	1.70E+05	1.70E+05	2.09E+05	9.93E+04	9.83E+04	9.96E+04
673	2'-Deoxycytidine	Others	1.18E+05	1.34E+05	1.22E+05	2.78E+06	2.71E+06	3.04E+06	1.50E+06	1.52E+06	1.50E+06
674	2'-Deoxyguanosine	Others	5.89E+05	5.83E+05	6.24E+05	1.41E+07	1.35E+07	1.36E+07	7.07E+06	7.23E+06	7.06E+06
675	Rosiridoside B	Others	5.92E+05	5.48E+05	6.49E+05	1.47E+07	1.29E+07	1.36E+07	6.94E+06	7.38E+06	6.92E+06
676	Cis-4,7,10,13,16,19-Docosahexaenoic Acid	Others	5.50E+03	5.07E+03	5.34E+03	6.32E+05	5.40E+05	5.02E+05	2.63E+05	2.86E+05	2.63E+05
677	Eucommioside	Others	4.42E+03	5.11E+03	7.29E+03	2.04E+06	1.91E+06	1.84E+06	9.42E+05	9.73E+05	9.41E+05
678	D-erythro-sphinganine	Others	9.00E+00	9.00E+00	9.00E+00	2.42E+04	1.93E+04	2.48E+04	1.10E+04	1.22E+04	1.10E+04
679	2'-Deoxyuridine	Others	9.00E+00	9.00E+00	9.00E+00	3.70E+04	3.36E+04	2.94E+04	1.57E+04	1.66E+04	1.57E+04
680	N-Hydroxytryptamine	Others	9.00E+00	9.00E+00	9.00E+00	3.75E+04	3.53E+04	4.48E+04	2.00E+04	2.06E+04	2.00E+04
681	Serotonin	Others	9.00E+00	9.00E+00	9.00E+00	4.62E+04	4.38E+04	4.13E+04	2.13E+04	2.19E+04	2.13E+04
682	Pyrocatechol	Others	9.00E+00	9.00E+00	9.00E+00	5.17E+04	4.75E+04	3.55E+04	2.07E+04	2.18E+04	2.07E+04
683	Tryptamine	Others	9.00E+00	9.00E+00	9.00E+00	1.03E+05	1.06E+05	9.91E+04	5.13E+04	5.04E+04	5.13E+04
684	1-Methylpiperidine-2-carboxylic acid	Others	9.00E+00	9.00E+00	9.00E+00	1.02E+05	1.05E+05	1.11E+05	5.39E+04	5.32E+04	5.39E+04
685	2-Aminoethylphosphonate	Others	9.00E+00	9.00E+00	9.00E+00	5.32E+05	5.67E+05	5.57E+05	2.81E+05	2.72E+05	2.81E+05