

Table S3: List of identified non-volatile compounds between RC-R, RF-R, and quality control

Number	Compounds	Class	RC-R-1	RC-R-2	RC-R-3	RF-R-1	RF-R-2	RF-R-3	QC-1	QC-2	QC-3
1	Quercetin-3-O-(2"-O-Rhamnosyl)rutinoside	Flavonoids	1.31E+07	1.35E+07	1.34E+07	9.00E+00	9.00E+00	9.00E+00	6.66E+06	6.73E+06	6.63E+06
2	Quercetin-3-O-rutinoside-7-O-glucoside	Flavonoids	9.85E+06	9.27E+06	9.08E+06	9.00E+00	9.00E+00	9.00E+00	4.70E+06	4.59E+06	4.78E+06
3	Sachaloside IV	Flavonoids	8.23E+06	6.55E+06	7.73E+06	9.00E+00	9.00E+00	9.00E+00	3.75E+06	3.57E+06	3.69E+06
4	Kaempferol-3-O-neohesperidoside	Flavonoids	6.68E+06	7.40E+06	7.01E+06	9.00E+00	9.00E+00	9.00E+00	3.51E+06	3.60E+06	3.52E+06
5	Luteolin-7-O-rutinoside	Flavonoids	5.41E+06	5.96E+06	5.33E+06	9.00E+00	9.00E+00	9.00E+00	2.78E+06	2.82E+06	2.84E+06
6	Rhodionidin	Flavonoids	3.73E+06	4.14E+06	3.88E+06	9.00E+00	9.00E+00	9.00E+00	1.96E+06	2.00E+06	1.97E+06
7	Luteolin-7-O-neohesperidoside (Lonicerin)	Flavonoids	3.48E+06	3.65E+06	3.52E+06	9.00E+00	9.00E+00	9.00E+00	1.77E+06	1.79E+06	1.78E+06
8	Quercetin-3-O-robinobioside	Flavonoids	3.10E+06	3.18E+06	3.30E+06	9.00E+00	9.00E+00	9.00E+00	1.60E+06	1.62E+06	1.57E+06
9	Hesperetin-7-O-rutinoside (Hesperidin)	Flavonoids	1.47E+06	1.68E+06	1.56E+06	9.00E+00	9.00E+00	9.00E+00	7.84E+05	8.10E+05	7.87E+05
10	Kaempferol-3-O-rhamnoside (Afzelin)(Kaempferin)	Flavonoids	1.06E+06	1.12E+06	1.10E+06	9.00E+00	9.00E+00	9.00E+00	5.47E+05	5.56E+05	5.46E+05
11	Rhodosin	Flavonoids	1.05E+06	1.03E+06	1.10E+06	9.00E+00	9.00E+00	9.00E+00	5.30E+05	5.32E+05	5.21E+05
12	Kaempferol-6,8-di-C-glucoside-7-O-glucoside	Flavonoids	1.10E+06	9.68E+05	9.26E+05	9.00E+00	9.00E+00	9.00E+00	5.00E+05	4.74E+05	5.18E+05
13	Catechin	Flavonoids	9.03E+05	8.04E+05	7.93E+05	9.00E+00	9.00E+00	9.00E+00	4.17E+05	3.99E+05	4.27E+05
14	Quercetin-3-O-neohesperidoside	Flavonoids	6.83E+05	6.82E+05	8.20E+05	9.00E+00	9.00E+00	9.00E+00	3.64E+05	3.76E+05	3.41E+05
15	Quercetin-3-O-glucosyl(1—4)rhamnoside-7-O-rutinoside	Flavonoids	7.30E+05	7.06E+05	7.30E+05	9.00E+00	9.00E+00	9.00E+00	3.61E+05	3.59E+05	3.59E+05
16	Quercetin-3-O-(2"-O-rhamnosyl)galactoside	Flavonoids	6.70E+05	6.53E+05	7.48E+05	9.00E+00	9.00E+00	9.00E+00	3.45E+05	3.50E+05	3.31E+05
17	Dihydrokaempferol-7-O-glucoside	Flavonoids	6.10E+05	6.14E+05	4.78E+05	9.00E+00	9.00E+00	9.00E+00	2.84E+05	2.73E+05	3.06E+05
18	Kaempferol-4'-O-glucoside	Flavonoids	5.50E+05	5.60E+05	5.57E+05	9.00E+00	9.00E+00	9.00E+00	2.78E+05	2.79E+05	2.78E+05
19	Eriodictyol-7-O-glucoside	Flavonoids	6.25E+05	6.03E+05	4.15E+05	9.00E+00	9.00E+00	9.00E+00	2.74E+05	2.55E+05	3.07E+05
20	Luteolin-3'-O-glucoside	Flavonoids	5.67E+05	5.33E+05	5.36E+05	9.00E+00	9.00E+00	9.00E+00	2.73E+05	2.67E+05	2.75E+05
21	Azaleatin (5-O-Methylquercetin)	Flavonoids	4.40E+05	4.67E+05	3.36E+05	9.00E+00	9.00E+00	9.00E+00	2.07E+05	2.01E+05	2.27E+05
22	Procyanidin B4	Flavonoids	3.68E+05	4.11E+05	3.78E+05	9.00E+00	9.00E+00	9.00E+00	1.93E+05	1.97E+05	1.95E+05
23	Rhodioflavonoside	Flavonoids	3.28E+05	3.08E+05	3.24E+05	9.00E+00	9.00E+00	9.00E+00	1.60E+05	1.58E+05	1.59E+05
24	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	1.50E+05	1.52E+05	1.39E+05
25	6-Hydroxykaempferol-7-O-glucoside	Flavonoids	2.71E+05	2.89E+05	3.04E+05	9.00E+00	9.00E+00	9.00E+00	1.44E+05	1.48E+05	1.40E+05
26	Rhodiolgin	Flavonoids	2.98E+05	2.59E+05	2.90E+05	9.00E+00	9.00E+00	9.00E+00	1.41E+05	1.37E+05	1.39E+05
27	Quercetin-3-O-rhamnoside(Quercitrin)	Flavonoids	2.58E+05	2.75E+05	2.46E+05	9.00E+00	9.00E+00	9.00E+00	1.30E+05	1.30E+05	1.33E+05
28	Luteolin-7-O-(2"-O-rhamnosyl)rutinoside	Flavonoids	2.14E+05	2.77E+05	2.48E+05	9.00E+00	9.00E+00	9.00E+00	1.23E+05	1.31E+05	1.23E+05
29	Kaempferol-3-O-robinoside-7-O-rhamnoside (Robinin)	Flavonoids	2.25E+05	2.26E+05	2.71E+05	9.00E+00	9.00E+00	9.00E+00	1.20E+05	1.24E+05	1.13E+05
30	Quercetin-3-O-rutinoside (Rutin)	Flavonoids	2.49E+05	1.93E+05	1.63E+05	9.00E+00	9.00E+00	9.00E+00	1.01E+05	8.92E+04	1.10E+05
31	Procyanidin B3	Flavonoids	1.82E+05	1.86E+05	1.97E+05	9.00E+00	9.00E+00	9.00E+00	9.41E+04	9.56E+04	9.20E+04
32	Quercetin	Flavonoids	1.69E+05	1.71E+05	1.59E+05	9.00E+00	9.00E+00	9.00E+00	8.31E+04	8.24E+04	8.50E+04
33	Quercetin-7-O-glucoside	Flavonoids	1.70E+05	1.88E+05	1.35E+05	9.00E+00	9.00E+00	9.00E+00	8.22E+04	8.08E+04	8.95E+04
34	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	7.11E+04	7.03E+04	7.32E+04
35	Pinocembrin (Dihydrochrysin)	Flavonoids	1.33E+05	1.24E+05	1.27E+05	9.00E+00	9.00E+00	9.00E+00	6.39E+04	6.27E+04	6.40E+04
36	Kaempferol-3-O-neohesperidoside-7-O-glucoside	Flavonoids	1.20E+05	1.23E+05	1.22E+05	9.00E+00	9.00E+00	9.00E+00	6.09E+04	6.14E+04	6.09E+04
37	Isorhamnetin-3-O-rutinoside (Narcissin)	Flavonoids	1.03E+05	1.04E+05	9.42E+04	9.00E+00	9.00E+00	9.00E+00	5.01E+04	4.95E+04	5.16E+04
38	Rhamnetin-3-O-Rutinoside	Flavonoids	9.81E+04	9.58E+04	1.02E+05	9.00E+00	9.00E+00	9.00E+00	4.94E+04	4.96E+04	4.85E+04
39	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	4.92E+04	4.84E+04	5.00E+04
40	2'-Hydoxy,5-methoxyGenistein-O-rhamnosyl-glucoside	Flavonoids	1.01E+05	9.23E+04	9.47E+04	9.00E+00	9.00E+00	9.00E+00	4.79E+04	4.67E+04	4.82E+04
41	Kaempferol-7-O-rhamnoside	Flavonoids	1.13E+05	8.76E+04	8.71E+04	9.00E+00	9.00E+00	9.00E+00	4.79E+04	4.37E+04	5.00E+04
42	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	4.76E+04	4.70E+04	4.78E+04
43	Kaempferol-3-O-sambubioside	Flavonoids	8.34E+04	8.62E+04	7.70E+04	9.00E+00	9.00E+00	9.00E+00	4.11E+04	4.08E+04	4.24E+04
44	Procyanidin B1	Flavonoids	7.21E+04	8.63E+04	7.39E+04	9.00E+00	9.00E+00	9.00E+00	3.87E+04	4.01E+04	3.96E+04
45	Isorhamnetin	Flavonoids	7.04E+04	8.01E+04	6.80E+04	9.00E+00	9.00E+00	9.00E+00	3.64E+04	3.70E+04	3.76E+04

46	Procyanidin C1 3'-O-gallate	Flavonoids	6.31E+04	7.44E+04	6.82E+04	9.00E+00	9.00E+00	9.00E+00	3.43E+04	3.56E+04	3.44E+04
47	Rhodiolgidin	Flavonoids	4.74E+04	5.43E+04	4.97E+04	9.00E+00	9.00E+00	9.00E+00	2.52E+04	2.60E+04	2.54E+04
48	Quercetin-3-O-(2"-Galloyl)Arabinoside	Flavonoids	4.00E+04	3.52E+04	3.15E+04	9.00E+00	9.00E+00	9.00E+00	1.78E+04	1.67E+04	1.88E+04
49	Quercetin-3-O-xyloside (Reynoutrin)	Flavonoids	3.90E+04	3.39E+04	3.30E+04	9.00E+00	9.00E+00	9.00E+00	1.77E+04	1.67E+04	1.82E+04
50	3',4',7-Trihydroxyflavone	Flavonoids	3.00E+04	2.66E+04	2.00E+04	9.00E+00	9.00E+00	9.00E+00	1.28E+04	1.17E+04	1.42E+04
51	Quercetin-3-O-(6"-galloyl)galactoside	Flavonoids	2.04E+04	2.29E+04	3.28E+04	9.00E+00	9.00E+00	9.00E+00	1.27E+04	1.39E+04	1.08E+04
52	Quercetin-3-O-(6"-O-arabinosyl)glucoside	Flavonoids	2.30E+04	2.21E+04	1.86E+04	9.00E+00	9.00E+00	9.00E+00	1.06E+04	1.02E+04	1.13E+04
53	Cyanidin-3-O-sophoroside-5-O-glucoside	Flavonoids	1.70E+04	1.42E+04	2.02E+04	9.00E+00	9.00E+00	9.00E+00	8.58E+03	8.61E+03	7.81E+03
54	Luteolin-7-O-glucoside (Cynaroside)	Flavonoids	1.06E+04	8.97E+03	2.32E+04	9.00E+00	9.00E+00	9.00E+00	7.13E+03	8.04E+03	4.90E+03
55	Isorhamnetin-3-O-arabinoside	Flavonoids	7.59E+03	1.10E+04	1.43E+04	9.00E+00	9.00E+00	9.00E+00	5.50E+03	6.35E+03	4.66E+03
56	Quercetin-3-O-apiosyl(1→2)galactoside	Flavonoids	8.23E+03	9.59E+03	9.00E+03	9.00E+00	9.00E+00	9.00E+00	4.47E+03	4.65E+03	4.46E+03
57	Procyanidin C2	Flavonoids	1.03E+04	7.23E+03	8.29E+03	9.00E+00	9.00E+00	9.00E+00	4.30E+03	3.88E+03	4.38E+03
58	Herbacetin	Flavonoids	8.11E+03	7.33E+03	8.69E+03	9.00E+00	9.00E+00	9.00E+00	4.03E+03	4.01E+03	3.87E+03
59	Procyanidin C1	Flavonoids	8.90E+03	6.87E+03	7.31E+03	9.00E+00	9.00E+00	9.00E+00	3.85E+03	3.55E+03	3.95E+03
60	Quercetin-3-O-xylosyl(1→2)glucoside	Flavonoids	8.05E+03	5.69E+03	8.33E+03	9.00E+00	9.00E+00	9.00E+00	3.68E+03	3.51E+03	3.44E+03
61	Quercetin-3-O-sophoroside (Baimaside)	Flavonoids	5.90E+03	5.89E+03	4.05E+03	9.00E+00	9.00E+00	9.00E+00	2.64E+03	2.49E+03	2.95E+03
62	Rhodiolin	Flavonoids	3.25E+07	3.27E+07	3.17E+07	4.03E+04	4.52E+04	8.33E+04	1.62E+07	1.61E+07	1.63E+07
63	Phloretin	Flavonoids	1.11E+07	1.11E+07	1.14E+07	2.21E+04	2.30E+04	2.22E+04	5.60E+06	5.63E+06	5.55E+06
64	Dihydrochalcone-4"-O-glucoside	Flavonoids	2.96E+06	3.07E+06	2.43E+06	7.58E+03	1.50E+04	1.70E+04	1.42E+06	1.38E+06	1.51E+06
65	8-Prenylkaempferol	Flavonoids	1.80E+03	1.07E+03	2.54E+03	9.00E+00	9.00E+00	9.00E+00	9.07E+02	9.07E+02	7.24E+02
66	Kaempferol (3,5,7,4'-Tetrahydroxyflavone)	Flavonoids	4.38E+06	4.65E+06	4.19E+06	1.25E+04	2.04E+04	4.40E+04	2.22E+06	2.23E+06	2.27E+06
67	Epicatechin	Flavonoids	3.02E+07	3.00E+07	2.98E+07	2.35E+05	2.56E+05	2.30E+05	1.51E+07	1.51E+07	1.52E+07
68	6-C-Methylkaempferol-3-glucoside	Flavonoids	1.94E+06	1.53E+06	2.11E+06	1.41E+04	1.53E+04	1.71E+04	9.37E+05	9.19E+05	8.73E+05
69	Eriodictyol (5,7,3',4'-Tetrahydroxyflavanone)	Flavonoids	1.01E+07	1.05E+07	1.01E+07	1.27E+05	1.24E+05	1.25E+05	5.18E+06	5.20E+06	5.21E+06
70	6-Hydroxykaempferol-3,6-O-Diglucoside	Flavonoids	1.43E+05	1.65E+05	1.60E+05	3.67E+03	2.45E+03	2.54E+03	7.93E+04	8.24E+04	7.84E+04
71	Quercetin 3-beta-D-sophoroside	Flavonoids	9.94E+05	8.65E+05	1.02E+06	2.30E+04	1.62E+04	1.74E+04	4.90E+05	4.81E+05	4.75E+05
72	Procyanidin B2	Flavonoids	1.51E+06	1.44E+06	1.70E+06	3.10E+04	3.11E+04	3.56E+04	7.93E+05	8.04E+05	7.54E+05
73	Quercetin-7-O-rutinoside	Flavonoids	3.20E+05	2.67E+05	2.35E+05	2.64E+03	3.35E+03	1.13E+04	1.40E+05	1.29E+05	1.48E+05
74	Kaempferol-3-O-galactoside (Trifolin)	Flavonoids	5.49E+05	6.71E+05	5.97E+05	1.30E+04	1.54E+04	1.03E+04	3.09E+05	3.23E+05	3.12E+05
75	Kaempferol-7-O-glucoside	Flavonoids	5.69E+05	6.58E+05	5.60E+05	1.88E+04	1.88E+04	1.58E+04	3.07E+05	3.13E+05	3.16E+05
76	Epicatechin gallate	Flavonoids	1.26E+06	1.18E+06	1.17E+06	3.80E+04	3.62E+04	5.11E+04	6.25E+05	6.11E+05	6.30E+05
77	Catechin gallate	Flavonoids	1.17E+06	1.19E+06	1.14E+06	3.61E+04	5.01E+04	3.89E+04	6.05E+05	6.05E+05	6.12E+05
78	Spiraeoside	Flavonoids	5.40E+05	6.01E+05	4.73E+05	1.83E+04	2.21E+04	1.92E+04	2.79E+05	2.79E+05	2.96E+05
79	Quercetin-3-O-glucoside (Isoquercitrin)	Flavonoids	5.27E+05	6.41E+05	6.59E+05	1.68E+04	1.75E+04	3.39E+04	3.16E+05	3.38E+05	3.01E+05
80	Isoluteolin (Orobo)(5,7,3',4'-tetrahydroxyisoflavone)	Flavonoids	3.21E+05	3.55E+05	3.13E+05	1.12E+04	9.84E+03	1.70E+04	1.71E+05	1.74E+05	1.74E+05
81	Dihydrokaempferol-3-O-glucoside	Flavonoids	9.48E+05	9.70E+05	9.53E+05	4.30E+04	4.46E+04	3.99E+04	5.00E+05	5.02E+05	5.01E+05
82	Dihydroquercetin(Taxifolin)	Flavonoids	1.43E+06	1.41E+06	1.68E+06	6.46E+04	6.76E+04	7.93E+04	7.87E+05	8.08E+05	7.41E+05
83	Hispidulin (5,7,4'-Trihydroxy-6-methoxyflavone)	Flavonoids	3.25E+05	3.47E+05	3.30E+05	1.23E+04	1.51E+04	2.04E+04	1.75E+05	1.78E+05	1.75E+05
84	Rhamnocitrin (7-Methylkaempferol)	Flavonoids	3.29E+05	3.37E+05	3.29E+05	1.47E+04	1.55E+04	1.82E+04	1.74E+05	1.75E+05	1.74E+05
85	6,7,8-Tetrahydroxy-5-methoxyflavone	Flavonoids	3.29E+05	3.54E+05	3.44E+05	1.68E+04	1.75E+04	1.80E+04	1.80E+05	1.83E+05	1.79E+05
86	Luteolin (5,7,3',4'-Tetrahydroxyflavone)	Flavonoids	2.52E+06	2.68E+06	2.62E+06	1.29E+05	1.24E+05	1.61E+05	1.37E+06	1.40E+06	1.36E+06
87	2,4,2',4'-tetrahydroxy-3'-prenylchalcone	Flavonoids	2.82E+05	2.43E+05	2.89E+05	2.92E+04	2.60E+04	3.26E+04	1.50E+05	1.48E+05	1.45E+05
88	Naringenin chalcone	Flavonoids	1.67E+06	1.72E+06	1.69E+06	2.13E+05	2.14E+05	2.04E+05	9.51E+05	9.57E+05	9.53E+05
89	Naringenin (5,7,4'-Trihydroxyflavanone)	Flavonoids	2.38E+06	2.37E+06	2.32E+06	3.13E+05	3.10E+05	3.22E+05	1.33E+06	1.33E+06	1.34E+06
90	Pinobanksin	Flavonoids	2.39E+06	2.35E+06	2.22E+06	3.14E+05	3.21E+05	3.24E+05	1.32E+06	1.30E+06	1.34E+06
91	Quercetin-3-O-galactoside (Hyperin)	Flavonoids	5.98E+05	5.81E+05	6.21E+05	1.10E+05	1.08E+05	1.19E+05	3.56E+05	3.57E+05	3.49E+05
92	Dihydrokaempferol	Flavonoids	3.04E+05	3.30E+05	3.37E+05	6.39E+04	6.62E+04	5.94E+04	1.93E+05	1.98E+05	1.91E+05
93	Quercetin-5-O-(6"-malonyl)glucosyl-5-O-glucoside	Flavonoids	4.43E+04	4.38E+04	4.81E+04	1.07E+04	7.25E+03	9.30E+03	2.72E+04	2.71E+04	2.65E+04

94	Phloretin-2''-O-glucoside (Phlorizin)	Flavonoids	2.48E+05	3.08E+05	2.79E+05	6.15E+04	6.42E+04	6.48E+04	1.71E+05	1.79E+05	1.70E+05
95	Isosalipurposide (Phlorizin Chalcone)	Flavonoids	8.59E+04	6.24E+04	8.25E+04	1.96E+04	1.50E+04	1.91E+04	4.74E+04	4.48E+04	4.57E+04
96	Tricetin (5,7,3',4',5'-Pentahydroxyflavone)	Flavonoids	6.06E+04	6.05E+04	7.62E+04	1.65E+04	1.79E+04	2.07E+04	4.21E+04	4.38E+04	3.89E+04
97	(-)-Epicatechin-3-(3''-O-methyl)gallate	Flavonoids	4.15E+04	4.25E+04	5.40E+04	2.99E+04	2.97E+04	2.13E+04	3.65E+04	3.69E+04	3.59E+04
98	Eriodictyol-7-O-glucoside	Flavonoids	1.63E+05	1.70E+05	1.57E+05	9.39E+04	9.09E+04	1.06E+05	1.30E+05	1.31E+05	1.29E+05
99	Aromadendrin-7-O-glucoside	Flavonoids	7.88E+05	7.61E+05	7.97E+05	4.50E+05	4.96E+05	4.55E+05	6.25E+05	6.27E+05	6.24E+05
100	Naringenin-7-O-glucoside (Prunin)	Flavonoids	3.18E+05	2.95E+05	3.45E+05	1.89E+05	2.15E+05	1.83E+05	2.58E+05	2.60E+05	2.54E+05
101	Quercetin-3',4'-dimethyl ether	Flavonoids	1.82E+04	2.03E+04	1.54E+04	1.55E+04	7.31E+03	1.25E+04	1.49E+04	1.39E+04	1.53E+04
102	Apigenin	Flavonoids	8.74E+03	8.81E+03	8.26E+03	7.45E+03	5.93E+03	6.44E+03	7.60E+03	7.36E+03	7.73E+03
103	Quercetin-3-O-(2''-O-glucosyl)glucuronide	Flavonoids	6.59E+04	6.00E+04	6.09E+04	2.75E+05	2.65E+05	3.09E+05	1.73E+05	1.74E+05	1.67E+05
104	5,7,3',4',5'-Pentahydroxydihydroflavone	Flavonoids	3.41E+05	3.38E+05	3.74E+05	2.29E+06	2.80E+06	2.53E+06	1.44E+06	1.51E+06	1.44E+06
105	Epigallocatechin	Flavonoids	4.93E+03	5.33E+03	1.61E+04	9.31E+06	9.19E+06	9.64E+06	4.70E+06	4.72E+06	4.63E+06
106	Galocatechin 3-O-gallate	Flavonoids	1.33E+04	1.54E+04	1.74E+04	7.32E+07	6.76E+07	6.13E+07	3.37E+07	3.22E+07	3.52E+07
107	3-O-Acetylpinobanksin	Flavonoids	9.00E+00	9.00E+00	9.00E+00	4.74E+04	5.34E+04	5.12E+04	2.53E+04	2.62E+04	2.52E+04
108	Cinnamtannin D1	Flavonoids	9.00E+00	9.00E+00	9.00E+00	1.11E+05	1.19E+05	1.07E+05	5.60E+04	5.64E+04	5.74E+04
109	Galocatechin	Flavonoids	9.00E+00	9.00E+00	9.00E+00	8.34E+05	8.77E+05	8.05E+05	4.19E+05	4.20E+05	4.28E+05
110	Epigallocatechin-3-gallate	Flavonoids	9.00E+00	9.00E+00	9.00E+00	6.36E+07	6.40E+07	6.17E+07	3.16E+07	3.14E+07	3.19E+07
111	2,3-Di-O-Galloyl-D-Glucose	Gallie acid derivatives	1.35E+07	9.65E+06	1.34E+07	9.00E+00	9.00E+00	9.00E+00	6.08E+06	5.75E+06	5.78E+06
112	1,2,3,4,6-Penta-O-Galloyl-D-Glucose	Gallie acid derivatives	8.80E+06	7.29E+06	8.45E+06	9.00E+00	9.00E+00	9.00E+00	4.09E+06	3.93E+06	4.02E+06
113	p-Dimeric galloyl methyl ester	Gallie acid derivatives	1.49E+06	1.28E+06	1.45E+06	9.00E+00	9.00E+00	9.00E+00	7.04E+05	6.82E+05	6.94E+05
114	3-O-Digalloyl-1,2,4,6-O-tetragalloyl-D-glucose	Gallie acid derivatives	1.24E+06	1.34E+06	1.14E+06	9.00E+00	9.00E+00	9.00E+00	6.20E+05	6.20E+05	6.45E+05
115	2,3-O-Digalloyl-1,4,6-tri-O-galloyl-glucose	Gallie acid derivatives	1.04E+06	7.51E+05	9.86E+05	9.00E+00	9.00E+00	9.00E+00	4.62E+05	4.34E+05	4.47E+05
116	1,3-Trigallic acid	Gallie acid derivatives	5.54E+05	4.74E+05	4.84E+05	9.00E+00	9.00E+00	9.00E+00	2.52E+05	2.39E+05	2.57E+05
117	1,4-Trigallic acid	Gallie acid derivatives	4.76E+04	5.20E+04	5.63E+04	9.00E+00	9.00E+00	9.00E+00	2.60E+04	2.71E+04	2.49E+04
118	3-Hydroxy-5-Methylphenol-1-O-(6'-Digalloyl)Glucoside	Gallie acid derivatives	6.11E+04	4.66E+04	4.42E+04	9.00E+00	9.00E+00	9.00E+00	2.53E+04	2.27E+04	2.69E+04
119	Di-O-galloyl Methyl gallate	Gallie acid derivatives	4.59E+04	4.61E+04	4.76E+04	9.00E+00	9.00E+00	9.00E+00	2.33E+04	2.34E+04	2.30E+04
120	Methyl 6-O-galloyl-glucoside	Gallie acid derivatives	1.99E+04	2.02E+04	1.69E+04	9.00E+00	9.00E+00	9.00E+00	9.49E+03	9.26E+03	1.00E+04
121	Galloyl Methyl gallate	Gallie acid derivatives	2.24E+07	2.13E+07	2.22E+07	2.65E+04	3.94E+04	4.50E+04	1.10E+07	1.09E+07	1.10E+07
122	1,2,3,6-Tetra-O-Galloyl-D-Glucose	Gallie acid derivatives	2.41E+07	2.52E+07	2.34E+07	3.34E+04	4.04E+04	6.42E+04	1.22E+07	1.22E+07	1.24E+07
123	2,4,6-Tri-O-galloyl-D-glucose	Gallie acid derivatives	4.67E+06	4.68E+06	5.16E+06	1.18E+05	1.10E+05	9.29E+04	2.47E+06	2.51E+06	2.39E+06
124	3-O-Methylgallie Acid	Gallie acid derivatives	2.26E+06	2.52E+06	2.31E+06	6.85E+04	8.37E+04	8.43E+04	1.22E+06	1.25E+06	1.23E+06
125	4-O-Methylgallie Acid	Gallie acid derivatives	2.82E+06	2.75E+06	2.69E+06	9.95E+04	9.04E+04	9.55E+04	1.42E+06	1.41E+06	1.44E+06
126	1,2,3-Tri-O-galloyl-D-glucose	Gallie acid derivatives	3.23E+06	3.23E+06	3.45E+06	1.02E+05	9.85E+04	1.43E+05	1.71E+06	1.73E+06	1.67E+06
127	Monogalloyl-diglucose	Gallie acid derivatives	4.59E+06	4.26E+06	4.55E+06	2.06E+05	2.17E+05	1.86E+05	2.33E+06	2.30E+06	2.32E+06
128	Digallie Acid	Gallie acid derivatives	1.80E+07	1.92E+07	1.72E+07	9.97E+05	1.08E+06	9.04E+05	9.58E+06	9.61E+06	9.84E+06
129	1,3,6-Tri-O-galloyl-D-glucose	Gallie acid derivatives	3.06E+06	3.15E+06	3.63E+06	1.97E+05	2.47E+05	1.91E+05	1.75E+06	1.81E+06	1.66E+06
130	1-O-Galloyl-rhamnose	Gallie acid derivatives	2.60E+05	3.15E+05	2.78E+05	1.99E+04	2.02E+04	1.96E+04	1.52E+05	1.58E+05	1.54E+05
131	2-O-Salicyl-6-O-Galloyl-D-Glucose	Gallie acid derivatives	7.33E+06	8.30E+06	7.71E+06	9.21E+05	9.95E+05	8.72E+05	4.35E+06	4.47E+06	4.39E+06
132	2-O-Galloyl-glucose	Gallie acid derivatives	4.22E+06	4.16E+06	3.74E+06	8.26E+05	9.12E+05	7.51E+05	2.44E+06	2.39E+06	2.53E+06
133	1-O-Galloyl-D-glucose	Gallie acid derivatives	4.27E+06	3.97E+06	3.88E+06	8.88E+05	8.69E+05	8.87E+05	2.46E+06	2.40E+06	2.50E+06
134	1,6-Di-O-Galloyl-D-Glucose	Gallie acid derivatives	2.97E+06	2.48E+06	1.96E+06	5.31E+05	6.58E+05	4.48E+05	1.51E+06	1.39E+06	1.66E+06
135	Ellagic acid	Gallie acid derivatives	6.92E+05	6.90E+05	6.14E+05	1.86E+05	1.80E+05	2.26E+05	4.31E+05	4.28E+05	4.37E+05
136	6-O-Galloyl-glucose	Gallie acid derivatives	9.05E+05	7.94E+05	9.02E+05	2.81E+05	3.13E+05	2.80E+05	5.79E+05	5.72E+05	5.73E+05
137	1,7-Di-O-galloyl-D-sedoheptulose	Gallie acid derivatives	2.03E+06	2.78E+06	2.48E+06	1.56E+06	1.45E+06	1.45E+06	1.96E+06	2.04E+06	1.95E+06
138	Gallie acid	Gallie acid derivatives	1.04E+07	1.10E+07	1.10E+07	1.33E+07	1.37E+07	1.31E+07	1.21E+07	1.22E+07	1.21E+07
139	Ethyl gallate	Gallie acid derivatives	3.27E+05	3.33E+05	3.17E+05	1.18E+07	1.17E+07	1.10E+07	5.91E+06	5.84E+06	6.03E+06
140	Propyl gallate	Gallie acid derivatives	9.00E+00	9.00E+00	9.00E+00	6.51E+04	7.07E+04	6.36E+04	3.33E+04	3.36E+04	3.40E+04
141	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	1.12E+06	1.08E+06	1.11E+06

142	5-Galloylshikimic acid	Phenylpropanoids	1.26E+06	1.29E+06	1.19E+06	9.00E+00	9.00E+00	9.00E+00	6.22E+05	6.19E+05	6.36E+05
143	3-(4-Hydroxyphenyl)-propionic acid	Phenylpropanoids	6.42E+05	6.74E+05	6.07E+05	9.00E+00	9.00E+00	9.00E+00	3.21E+05	3.20E+05	3.29E+05
144	Protocatechuic acid-4-O-glucoside	Phenylpropanoids	4.95E+05	5.22E+05	5.21E+05	9.00E+00	9.00E+00	9.00E+00	2.56E+05	2.61E+05	2.54E+05
145	Daphnetin	Phenylpropanoids	2.90E+05	2.81E+05	2.82E+05	9.00E+00	9.00E+00	9.00E+00	1.42E+05	1.41E+05	1.43E+05
146	Rhododendrol	Phenylpropanoids	2.29E+05	3.06E+05	2.73E+05	9.00E+00	9.00E+00	9.00E+00	1.35E+05	1.45E+05	1.34E+05
147	3-Galloylshikimic acid	Phenylpropanoids	2.41E+05	1.96E+05	2.14E+05	9.00E+00	9.00E+00	9.00E+00	1.08E+05	1.02E+05	1.09E+05
148	1-O-(3,4-Dihydroxy-5-methoxy-benzoyl)-glucoside	Phenylpropanoids	1.26E+05	1.34E+05	1.39E+05	9.00E+00	9.00E+00	9.00E+00	6.64E+04	6.82E+04	6.48E+04
149	Chlorogenic acid	Phenylpropanoids	1.21E+05	9.57E+04	1.10E+05	9.00E+00	9.00E+00	9.00E+00	5.45E+04	5.14E+04	5.43E+04
150	3,4,5-Tricaffeoylquinic acid	Phenylpropanoids	1.10E+05	8.40E+04	9.31E+04	9.00E+00	9.00E+00	9.00E+00	4.78E+04	4.43E+04	4.84E+04
151	3,5-Di-O-galloylshikimic acid	Phenylpropanoids	8.49E+04	7.70E+04	9.93E+04	9.00E+00	9.00E+00	9.00E+00	4.36E+04	4.41E+04	4.05E+04
152	Neochlorogenic acid(5-O-Caffeoylquinic acid)	Phenylpropanoids	1.07E+05	7.37E+04	7.72E+04	9.00E+00	9.00E+00	9.00E+00	4.31E+04	3.77E+04	4.53E+04
153	p-Coumaroylquinic acid-4'-O-glucuronide	Phenylpropanoids	8.00E+04	8.84E+04	7.46E+04	9.00E+00	9.00E+00	9.00E+00	4.05E+04	4.08E+04	4.21E+04
154	p-Coumaraldehyde	Phenylpropanoids	7.27E+04	7.03E+04	6.80E+04	9.00E+00	9.00E+00	9.00E+00	3.52E+04	3.46E+04	3.58E+04
155	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	2.62E+04	2.63E+04	2.67E+04
156	Dicaffeoylquinic acid-O-glucoside	Phenylpropanoids	4.63E+04	5.72E+04	4.90E+04	9.00E+00	9.00E+00	9.00E+00	2.54E+04	2.66E+04	2.59E+04
157	Caffeoyl(p-Hydroxybenzoyl)tartaric acid	Phenylpropanoids	4.03E+04	5.07E+04	4.12E+04	9.00E+00	9.00E+00	9.00E+00	2.20E+04	2.30E+04	2.27E+04
158	3-Methyl-4,8-dihydroxy-3,4-dihydroisocoumarin	Phenylpropanoids	4.04E+04	3.67E+04	3.15E+04	9.00E+00	9.00E+00	9.00E+00	1.81E+04	1.71E+04	1.93E+04
159	4-O-Glucosyl-3,4-dihydroxybenzyl alcohol	Phenylpropanoids	2.75E+04	2.89E+04	3.38E+04	9.00E+00	9.00E+00	9.00E+00	1.50E+04	1.57E+04	1.41E+04
160	Scopoletin (7-Hydroxy-5-methoxycoumarin)	Phenylpropanoids	2.61E+04	2.90E+04	2.79E+04	9.00E+00	9.00E+00	9.00E+00	1.38E+04	1.42E+04	1.38E+04
161	5-O-p-Coumaroylshikimic acid O-glucoside	Phenylpropanoids	2.02E+04	2.51E+04	2.35E+04	9.00E+00	9.00E+00	9.00E+00	1.15E+04	1.22E+04	1.13E+04
162	Pinoresinol-4,4'-O-di-O-glucoside	Phenylpropanoids	1.71E+04	1.88E+04	1.85E+04	9.00E+00	9.00E+00	9.00E+00	9.08E+03	9.33E+03	8.99E+03
163	Benzyl glucoside	Phenylpropanoids	9.00E+00	1.55E+04	2.10E+04	9.00E+00	9.00E+00	9.00E+00	6.09E+03	9.13E+03	3.89E+03
164	3-O-p-Coumaroylquinic acid	Phenylpropanoids	1.30E+04	8.37E+03	1.10E+04	9.00E+00	9.00E+00	9.00E+00	5.41E+03	4.85E+03	5.36E+03
165	p-Coumaroylferuloyltartaric acid	Phenylpropanoids	7.49E+03	6.81E+03	7.72E+03	9.00E+00	9.00E+00	9.00E+00	3.67E+03	3.64E+03	3.58E+03
166	Picein (4-Acetylphenyl-glucoside)	Phenylpropanoids	4.26E+03	6.98E+03	7.98E+03	9.00E+00	9.00E+00	9.00E+00	3.21E+03	3.75E+03	2.82E+03
167	p-Coumaryl alcohol	Phenylpropanoids	3.16E+06	3.27E+06	3.28E+06	1.60E+04	1.52E+04	1.79E+04	1.63E+06	1.65E+06	1.61E+06
168	2-Hydroxycinnamic acid	Phenylpropanoids	5.63E+06	5.61E+06	5.64E+06	3.42E+04	3.59E+04	3.17E+04	2.83E+06	2.83E+06	2.83E+06
169	p-Coumaric acid	Phenylpropanoids	1.51E+07	1.57E+07	1.51E+07	9.66E+04	9.77E+04	1.00E+05	7.71E+06	7.75E+06	7.77E+06
170	Phenylpyruvic acid	Phenylpropanoids	2.60E+06	3.01E+06	2.57E+06	1.82E+04	1.89E+04	1.77E+04	1.37E+06	1.40E+06	1.41E+06
171	Esculetin	Phenylpropanoids	2.81E+06	2.97E+06	2.99E+06	2.62E+04	3.91E+04	3.10E+04	1.48E+06	1.51E+06	1.46E+06
172	Coniferin	Phenylpropanoids	5.92E+06	5.67E+06	5.51E+06	8.35E+04	8.02E+04	7.87E+04	2.89E+06	2.83E+06	2.94E+06
173	1-O-[(E)-Caffeoyl]-D-glucose	Phenylpropanoids	4.90E+06	4.36E+06	4.15E+06	6.59E+04	7.12E+04	6.21E+04	2.27E+06	2.16E+06	2.35E+06
174	6-O-Caffeoyl-D-glucose	Phenylpropanoids	4.50E+06	4.14E+06	4.24E+06	7.66E+04	8.02E+04	8.02E+04	2.19E+06	2.14E+06	2.20E+06
175	4-Methoxycinnamic acid	Phenylpropanoids	2.38E+05	2.46E+05	2.41E+05	5.18E+03	5.48E+03	5.83E+03	1.23E+05	1.25E+05	1.23E+05
176	Caffeic acid	Phenylpropanoids	7.23E+06	7.51E+06	7.15E+06	1.74E+05	1.82E+05	1.89E+05	3.74E+06	3.76E+06	3.77E+06
177	Cinnamic acid	Phenylpropanoids	7.71E+04	8.36E+04	8.34E+04	1.51E+03	2.50E+03	2.12E+03	4.17E+04	4.29E+04	4.12E+04
178	1-O-[(E)-p-Coumaroyl]-D-glucose	Phenylpropanoids	2.62E+06	2.84E+06	2.52E+06	9.07E+04	1.01E+05	7.54E+04	1.38E+06	1.38E+06	1.41E+06
179	Pinoresinol-4-O-glucoside	Phenylpropanoids	1.24E+06	1.43E+06	1.32E+06	9.61E+04	9.04E+04	1.01E+05	7.14E+05	7.36E+05	7.14E+05
180	3,4-Digalloylshikimic acid	Phenylpropanoids	1.19E+07	1.20E+07	1.22E+07	8.93E+05	8.66E+05	8.80E+05	6.46E+06	6.48E+06	6.42E+06
181	Matairesinol	Phenylpropanoids	1.15E+05	1.15E+05	1.03E+05	1.08E+04	7.95E+03	6.92E+03	5.98E+04	5.82E+04	6.23E+04
182	3,4,5-Trimethoxyphenyl-1-O-Glucoside	Phenylpropanoids	1.02E+07	1.04E+07	9.15E+06	8.78E+05	9.24E+05	9.02E+05	5.41E+06	5.34E+06	5.61E+06
183	Syringoylcaffeoylquinic acid-D-glucose	Phenylpropanoids	1.27E+04	1.07E+04	6.89E+03	9.00E+00	9.00E+00	2.93E+03	5.54E+03	5.13E+03	5.86E+03
184	4-Hydroxyacetophenone	Phenylpropanoids	1.04E+05	1.11E+05	1.09E+05	1.35E+04	1.31E+04	7.38E+03	5.95E+04	5.99E+04	6.03E+04
185	Dimethyl Phthalate	Phenylpropanoids	7.70E+04	7.59E+04	7.46E+04	8.28E+03	9.86E+03	8.26E+03	4.23E+04	4.22E+04	4.28E+04
186	p-Coumaric acid-4-O-glucoside	Phenylpropanoids	5.96E+05	6.34E+05	6.33E+05	6.85E+04	8.08E+04	7.40E+04	3.48E+05	3.55E+05	3.45E+05
187	2,5-Dihydroxybenzoic acid O-glucoside	Phenylpropanoids	8.54E+05	8.06E+05	8.69E+05	1.07E+05	1.01E+05	1.00E+05	4.73E+05	4.69E+05	4.67E+05
188	Syringin	Phenylpropanoids	2.42E+05	2.13E+05	1.92E+05	2.65E+04	2.79E+04	2.80E+04	1.21E+05	1.15E+05	1.27E+05
189	2,4,6-Trihydroxybenzoic acid	Phenylpropanoids	4.63E+06	4.62E+06	4.21E+06	6.23E+05	7.63E+05	6.93E+05	2.59E+06	2.57E+06	2.66E+06

190	3-O-p-Coumaroylquinic acid O-glucoside	Phenylpropanoids	4.66E+04	4.79E+04	4.14E+04	1.12E+04	8.13E+03	7.71E+03	2.72E+04	2.63E+04	2.85E+04
191	Trans-5-O-(p-Coumaroyl)shikimate	Phenylpropanoids	2.08E+05	2.01E+05	1.76E+05	4.47E+04	4.48E+04	4.12E+04	1.19E+05	1.16E+05	1.25E+05
192	Coniferaldehyde	Phenylpropanoids	4.15E+05	4.14E+05	3.97E+05	9.98E+04	7.75E+04	9.77E+04	2.50E+05	2.46E+05	2.51E+05
193	Phaseolic acid	Phenylpropanoids	1.53E+05	1.65E+05	1.53E+05	4.49E+04	3.43E+04	4.16E+04	9.86E+04	9.86E+04	9.93E+04
194	Salicylic acid	Phenylpropanoids	4.83E+06	5.36E+06	4.95E+06	1.37E+06	1.38E+06	1.31E+06	3.20E+06	3.25E+06	3.24E+06
195	2-Acetyl-3-hydroxyphenyl-1-O-glucoside	Phenylpropanoids	1.11E+04	1.92E+04	1.77E+04	4.43E+03	5.14E+03	3.58E+03	1.02E+04	1.14E+04	9.96E+03
196	p-Coumaric acid methyl ester	Phenylpropanoids	2.86E+05	2.99E+05	2.95E+05	8.68E+04	8.57E+04	7.70E+04	1.88E+05	1.89E+05	1.89E+05
197	5-(2-Hydroxyethyl)-2-O-glucosylphenol	Phenylpropanoids	4.54E+05	3.97E+05	3.68E+05	1.17E+05	1.24E+05	1.27E+05	2.64E+05	2.54E+05	2.73E+05
198	3-O-p-Coumaroylshikimic acid	Phenylpropanoids	1.67E+04	1.42E+04	1.86E+04	6.32E+03	4.96E+03	6.20E+03	1.12E+04	1.10E+04	1.05E+04
199	3,4-Dihydroxybenzeneacetic acid	Phenylpropanoids	8.92E+05	9.16E+05	8.58E+05	3.18E+05	3.34E+05	2.96E+05	6.02E+05	6.01E+05	6.15E+05
200	Protocatechuic aldehyde	Phenylpropanoids	2.78E+06	3.05E+06	2.94E+06	1.16E+06	1.31E+06	1.11E+06	2.06E+06	2.10E+06	2.07E+06
201	4-Hydroxybenzoic acid	Phenylpropanoids	2.50E+06	2.50E+06	2.52E+06	1.04E+06	1.05E+06	1.00E+06	1.77E+06	1.77E+06	1.77E+06
202	Olivil-4,4'-Di-O-glucoside	Phenylpropanoids	4.55E+04	2.99E+04	4.05E+04	1.68E+04	1.64E+04	1.57E+04	2.75E+04	2.56E+04	2.71E+04
203	Coniferyl alcohol	Phenylpropanoids	2.04E+05	2.07E+05	2.03E+05	8.18E+04	8.83E+04	9.19E+04	1.46E+05	1.48E+05	1.45E+05
204	Dihydrocaffeoylglucose	Phenylpropanoids	5.59E+05	5.16E+05	5.74E+05	2.65E+05	2.51E+05	2.52E+05	4.03E+05	3.99E+05	3.98E+05
205	Syringaldehyde-4-O-glucoside	Phenylpropanoids	6.04E+05	5.16E+05	5.58E+05	2.51E+05	2.85E+05	2.59E+05	4.12E+05	4.05E+05	4.14E+05
206	Salicin	Phenylpropanoids	9.54E+04	9.04E+04	1.07E+05	4.75E+04	4.95E+04	4.21E+04	7.20E+04	7.23E+04	7.07E+04
207	Shikimic acid	Phenylpropanoids	8.51E+04	7.01E+04	7.00E+04	3.88E+04	3.93E+04	3.34E+04	5.61E+04	5.32E+04	5.83E+04
208	4,7,9,9'-Tetrahydroxy-3,3'-dimethoxy-8-O-4'-neolignan	Phenylpropanoids	1.69E+05	1.94E+05	1.81E+05	8.49E+04	9.81E+04	8.85E+04	1.36E+05	1.40E+05	1.36E+05
209	Vanillic acid	Phenylpropanoids	2.00E+06	2.04E+06	2.02E+06	1.04E+06	1.08E+06	9.28E+05	1.52E+06	1.52E+06	1.54E+06
210	3-Hydroxy-4-isopropylbenzylalcohol-3-O-glucoside	Phenylpropanoids	3.83E+04	2.74E+04	3.53E+04	1.64E+04	1.85E+04	1.87E+04	2.58E+04	2.50E+04	2.52E+04
211	Brevifolin carboxylic acid	Phenylpropanoids	7.93E+06	8.06E+06	7.52E+06	4.14E+06	3.76E+06	4.67E+06	6.01E+06	6.00E+06	5.97E+06
212	1-O-Feruloylquinic acid	Phenylpropanoids	7.26E+05	7.53E+05	7.53E+05	4.40E+05	4.01E+05	4.08E+05	5.80E+05	5.79E+05	5.80E+05
213	Scopoletin-7-O-glucuronide	Phenylpropanoids	5.56E+05	5.62E+05	5.62E+05	3.36E+05	3.22E+05	3.43E+05	4.47E+05	4.47E+05	4.44E+05
214	1-O-Salicyl-D-glucose	Phenylpropanoids	2.90E+06	2.87E+06	2.93E+06	2.11E+06	1.75E+06	1.90E+06	2.41E+06	2.36E+06	2.41E+06
215	4-Hydroxybenzaldehyde	Phenylpropanoids	6.62E+05	6.44E+05	6.19E+05	4.71E+05	4.30E+05	3.95E+05	5.37E+05	5.22E+05	5.52E+05
216	6-O-Caffeoylarbutin	Phenylpropanoids	6.63E+04	6.58E+04	6.87E+04	4.61E+04	4.81E+04	5.96E+04	5.91E+04	6.05E+04	5.66E+04
217	Ferulic acid	Phenylpropanoids	7.37E+06	8.14E+06	8.21E+06	6.26E+06	6.45E+06	6.32E+06	7.12E+06	7.28E+06	7.05E+06
218	2-phenylethyl- D-β- glucopyranoside	Phenylpropanoids	4.59E+05	4.13E+05	3.88E+05	3.29E+05	3.62E+05	3.60E+05	3.85E+05	3.81E+05	3.91E+05
219	Brevifolin	Phenylpropanoids	2.71E+04	2.23E+04	1.84E+04	1.21E+04	2.04E+04	2.44E+04	2.08E+04	2.14E+04	2.05E+04
220	4-O-Glucosyl-4-hydroxybenzoic acid	Phenylpropanoids	1.16E+06	1.02E+06	1.20E+06	9.60E+05	9.99E+05	9.22E+05	1.04E+06	1.04E+06	1.04E+06
221	5'-Methoxysilariciresinol-9'-O-glucoside	Phenylpropanoids	3.31E+05	3.48E+05	3.08E+05	3.09E+05	3.10E+05	3.07E+05	3.19E+05	3.18E+05	3.25E+05
222	Phthalic anhydride	Phenylpropanoids	1.19E+06	1.15E+06	1.27E+06	1.13E+06	1.25E+06	1.16E+06	1.19E+06	1.21E+06	1.18E+06
223	Isoeugenol	Phenylpropanoids	1.42E+04	1.65E+04	2.07E+04	1.53E+04	1.65E+04	1.87E+04	1.70E+04	1.81E+04	1.56E+04
224	Salicylic acid-2-O-glucoside	Phenylpropanoids	2.58E+07	2.59E+07	2.48E+07	2.41E+07	2.75E+07	2.55E+07	2.56E+07	2.59E+07	2.58E+07
225	Coumarin	Phenylpropanoids	3.34E+03	4.77E+03	4.82E+03	5.30E+03	4.00E+03	3.99E+03	4.37E+03	4.40E+03	4.35E+03
226	2,6-Di-t-butylphenol	Phenylpropanoids	7.23E+05	5.99E+05	7.84E+05	7.04E+05	7.88E+05	7.50E+05	7.25E+05	7.30E+05	7.04E+05
227	Isolariciresinol-9'-O-glucoside	Phenylpropanoids	5.13E+06	5.27E+06	5.04E+06	5.37E+06	5.43E+06	5.83E+06	5.35E+06	5.39E+06	5.30E+06
228	4-Methoxycinnamaldehyde	Phenylpropanoids	5.69E+04	5.74E+04	6.09E+04	6.76E+04	6.86E+04	6.18E+04	6.22E+04	6.22E+04	6.26E+04
229	3-O-Feruloylquinic acid	Phenylpropanoids	4.80E+04	4.01E+04	5.50E+04	6.60E+04	8.50E+04	7.47E+04	6.14E+04	6.37E+04	5.98E+04
230	Syringaresinol	Phenylpropanoids	6.19E+03	5.73E+03	5.75E+03	8.60E+03	9.19E+03	1.01E+04	7.60E+03	7.69E+03	7.43E+03
231	Syringaldehyde (4-Hydroxy-3,5-Dimethoxybenzaldehyde)	Phenylpropanoids	1.88E+04	1.69E+04	3.33E+04	5.00E+04	2.96E+04	3.82E+04	3.11E+04	2.95E+04	2.88E+04
232	Vanillin	Phenylpropanoids	5.55E+06	6.31E+06	5.98E+06	1.01E+07	1.03E+07	1.03E+07	8.09E+06	8.23E+06	8.06E+06
233	Pinoresinol	Phenylpropanoids	8.08E+05	7.47E+05	7.48E+05	1.43E+06	1.43E+06	1.29E+06	1.07E+06	1.05E+06	1.10E+06
234	Mandelic acid	Phenylpropanoids	1.66E+05	1.61E+05	1.59E+05	2.99E+05	2.92E+05	2.87E+05	2.27E+05	2.25E+05	2.29E+05
235	3-O-Digalloyl quinic acid	Phenylpropanoids	1.73E+05	1.99E+05	1.94E+05	3.70E+05	3.50E+05	3.04E+05	2.65E+05	2.62E+05	2.73E+05
236	Terephthalic acid	Phenylpropanoids	4.66E+05	4.36E+05	4.27E+05	8.44E+05	9.38E+05	7.82E+05	6.49E+05	6.46E+05	6.71E+05
237	Epipinoresinol	Phenylpropanoids	8.15E+05	8.27E+05	7.80E+05	1.62E+06	1.64E+06	1.51E+06	1.20E+06	1.19E+06	1.22E+06

238	Methyl 2,4-dihydroxyphenylacetate	Phenylpropanoids	4.31E+04	3.92E+04	4.67E+04	8.68E+04	8.76E+04	8.09E+04	6.41E+04	6.36E+04	6.42E+04
239	Salidroside	Phenylpropanoids	1.62E+07	1.44E+07	1.40E+07	3.08E+07	2.55E+07	3.37E+07	2.24E+07	2.19E+07	2.17E+07
240	Feruloylmalic acid	Phenylpropanoids	8.38E+03	1.20E+04	1.24E+04	2.96E+04	2.42E+04	1.63E+04	1.72E+04	1.62E+04	1.85E+04
241	4'-Hydroxy-3'-methoxyacetophenone (Acetovanillone)	Phenylpropanoids	4.64E+03	5.35E+03	3.02E+03	1.01E+04	9.00E+03	9.10E+03	6.88E+03	6.62E+03	7.28E+03
242	(S)-2-Hydroxy-3-(4-Hydroxyphenyl)Propanoic Acid	Phenylpropanoids	4.52E+04	5.15E+04	5.17E+04	9.03E+04	1.33E+05	1.03E+05	7.90E+04	8.47E+04	7.99E+04
243	3-hydroxybenzaldehyde	Phenylpropanoids	5.98E+04	6.39E+04	4.84E+04	1.38E+05	1.16E+05	1.27E+05	9.20E+04	8.86E+04	9.43E+04
244	3,4-Dihydroxybenzoic acid (Protocatechuic acid)	Phenylpropanoids	1.35E+07	1.37E+07	1.40E+07	3.42E+07	3.26E+07	3.20E+07	2.33E+07	2.31E+07	2.35E+07
245	Ditartaroyl-hydroxycoumarin	Phenylpropanoids	8.02E+04	7.64E+04	6.04E+04	1.83E+05	1.78E+05	1.85E+05	1.27E+05	1.25E+05	1.29E+05
246	2,3-Dihydroxybenzoic Acid	Phenylpropanoids	1.21E+07	1.15E+07	1.19E+07	3.14E+07	3.03E+07	2.91E+07	2.11E+07	2.07E+07	2.13E+07
247	Isoimperatorin	Phenylpropanoids	1.04E+05	1.04E+05	1.06E+05	2.66E+05	2.88E+05	2.67E+05	1.89E+05	1.91E+05	1.90E+05
248	Osthole	Phenylpropanoids	5.45E+03	5.32E+03	6.78E+03	1.68E+04	1.41E+04	1.53E+04	1.06E+04	1.04E+04	1.04E+04
249	3,4-Dimethoxyphenyl acetic acid	Phenylpropanoids	2.89E+04	2.99E+04	2.97E+04	7.14E+04	8.96E+04	7.48E+04	5.41E+04	5.60E+04	5.50E+04
250	2,5-Dihydroxybenzoic acid	Phenylpropanoids	5.90E+06	5.96E+06	6.01E+06	1.60E+07	1.67E+07	1.57E+07	1.10E+07	1.11E+07	1.11E+07
251	7-Methoxy-5-Prenylxycoumarin	Phenylpropanoids	4.25E+04	4.68E+04	4.75E+04	1.24E+05	1.42E+05	1.29E+05	8.85E+04	9.11E+04	8.87E+04
252	Vanillic acid-4-O-glucoside	Phenylpropanoids	8.95E+04	9.98E+04	1.03E+05	2.81E+05	2.94E+05	2.74E+05	1.90E+05	1.93E+05	1.91E+05
253	Methyl caffeate	Phenylpropanoids	4.46E+03	2.69E+03	4.37E+03	1.24E+04	1.12E+04	1.31E+04	8.04E+03	7.85E+03	7.68E+03
254	Maleoyl-caffeoylquinic acid	Phenylpropanoids	2.14E+04	3.42E+04	1.78E+04	1.15E+05	1.20E+05	1.24E+05	7.21E+04	7.40E+04	7.28E+04
255	Tyrosol	Phenylpropanoids	3.30E+06	3.19E+06	3.27E+06	1.62E+07	1.65E+07	1.59E+07	9.73E+06	9.71E+06	9.79E+06
256	Methyl ferulate	Phenylpropanoids	5.48E+05	5.92E+05	5.44E+05	2.73E+06	2.87E+06	2.81E+06	1.68E+06	1.70E+06	1.69E+06
257	3,4-Dimethoxycinnamic acid	Phenylpropanoids	2.72E+05	2.96E+05	2.59E+05	1.55E+06	1.70E+06	1.63E+06	9.52E+05	9.72E+05	9.56E+05
258	6-O-Feruloyl-D-glucose	Phenylpropanoids	1.48E+04	6.63E+03	1.01E+04	5.61E+04	7.18E+04	7.57E+04	3.92E+04	4.10E+04	3.73E+04
259	1-O-Vanilloyl-D-Glucose	Phenylpropanoids	2.73E+05	2.41E+05	2.35E+05	2.47E+06	2.32E+06	2.31E+06	1.31E+06	1.28E+06	1.33E+06
260	Sinapic acid	Phenylpropanoids	3.53E+03	3.14E+03	4.29E+03	3.40E+04	3.96E+04	3.35E+04	1.97E+04	2.01E+04	2.01E+04
261	Scopoletin-7-O-glucoside (Scopolin)	Phenylpropanoids	2.67E+04	3.15E+04	2.53E+04	2.87E+05	2.77E+05	2.87E+05	1.56E+05	1.55E+05	1.56E+05
262	Syringic acid	Phenylpropanoids	1.69E+04	2.54E+04	1.65E+04	2.11E+05	2.55E+05	2.16E+05	1.23E+05	1.28E+05	1.27E+05
263	1-O-Glucosyl sinapate	Phenylpropanoids	1.70E+04	2.02E+04	1.86E+04	2.33E+05	2.46E+05	2.12E+05	1.25E+05	1.24E+05	1.29E+05
264	2',4'-Dihydroxy-6'-methoxyacetophenone	Phenylpropanoids	9.21E+05	9.50E+05	9.80E+05	2.14E+07	2.23E+07	2.21E+07	1.14E+07	1.16E+07	1.14E+07
265	p-Hydroxyphenyl acetic acid	Phenylpropanoids	7.89E+04	8.43E+04	7.87E+04	6.55E+06	5.71E+06	6.03E+06	3.09E+06	2.98E+06	3.11E+06
266	Sinapoyl malate	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	3.60E+03	4.10E+03	4.51E+03	2.04E+03	2.16E+03	1.93E+03
267	5,7-Dimethoxycoumarin (Limettin)(Citropten)	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	3.78E+03	6.72E+03	3.71E+03	2.37E+03	2.61E+03	2.63E+03
268	4-Hydroxy-3,5-diisopropylbenzaldehyde	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	6.22E+03	8.65E+03	5.37E+03	3.38E+03	3.51E+03	3.72E+03
269	3-(3-Hydroxyphenyl)-propionate acid	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	8.52E+03	8.58E+03	1.10E+04	4.68E+03	4.89E+03	4.28E+03
270	Chlorogenic acid methyl ester	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	1.41E+04	1.25E+04	9.60E+03	6.04E+03	5.54E+03	6.66E+03
271	Caffeic aldehyde	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	2.52E+04	2.92E+04	2.74E+04	1.36E+04	1.42E+04	1.36E+04
272	1-Feruloyl-sn-glycerol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	2.58E+04	3.31E+04	2.92E+04	1.47E+04	1.56E+04	1.47E+04
273	4-Methylcatechol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	3.44E+04	2.83E+04	3.22E+04	1.58E+04	1.51E+04	1.57E+04
274	4-Hydroxybenzyl Alcohol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	7.04E+04	5.45E+04	8.00E+04	3.42E+04	3.36E+04	3.12E+04
275	1,2-O-Diferuloylglycerol	Phenylpropanoids	9.00E+00	9.00E+00	9.00E+00	9.77E+04	1.31E+05	1.07E+05	5.58E+04	5.93E+04	5.71E+04
276	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	3.60E+04	3.63E+04	3.56E+04
277	N-(3-Indolylacetyl)-L-alanine	Amino acids	5.94E+04	5.69E+04	5.97E+04	9.00E+00	9.00E+00	9.00E+00	2.93E+04	2.91E+04	2.91E+04
278	S-(5'-Adenosyl)-L-homocysteine	Amino acids	4.57E+04	4.38E+04	5.33E+04	9.00E+00	9.00E+00	9.00E+00	2.38E+04	2.43E+04	2.24E+04
279	N-Acetyl-L-Tryptophan	Amino acids	4.43E+04	2.94E+04	3.84E+04	9.00E+00	9.00E+00	9.00E+00	1.87E+04	1.70E+04	1.84E+04
280	3,4-Dihydroxy-L-phenylalanine	Amino acids	2.37E+04	2.68E+04	2.54E+04	9.00E+00	9.00E+00	9.00E+00	1.27E+04	1.31E+04	1.26E+04
281	S-Adenosyl-L-methionine	Amino acids	2.83E+04	2.15E+04	1.72E+04	9.00E+00	9.00E+00	9.00E+00	1.12E+04	9.67E+03	1.25E+04
282	L-Phenylalanyl-L-phenylalanine	Amino acids	1.47E+04	1.25E+04	1.79E+04	9.00E+00	9.00E+00	9.00E+00	7.52E+03	7.60E+03	6.80E+03
283	N-Acetyl-L-Arginine	Amino acids	1.42E+04	1.69E+04	1.06E+04	9.00E+00	9.00E+00	9.00E+00	6.96E+03	6.88E+03	7.79E+03
284	5-Hydroxy-L-tryptophan	Amino acids	8.93E+03	1.36E+04	1.51E+04	9.00E+00	9.00E+00	9.00E+00	6.27E+03	7.18E+03	5.64E+03
285	L-Cystine	Amino acids	1.03E+04	8.67E+03	1.18E+04	9.00E+00	9.00E+00	9.00E+00	5.14E+03	5.12E+03	4.75E+03

286	N-Acetyl-L-methionine	Amino acids	8.13E+03	9.73E+03	9.36E+03	9.00E+00	9.00E+00	9.00E+00	4.54E+03	4.78E+03	4.47E+03
287	(5-L-Glutamyl)-L-amino acid	Amino acids	5.27E+03	6.28E+03	7.16E+03	9.00E+00	9.00E+00	9.00E+00	3.12E+03	3.36E+03	2.89E+03
288	L-Methionine	Amino acids	5.99E+05	6.48E+05	6.10E+05	2.33E+04	2.40E+04	2.85E+04	3.22E+05	3.28E+05	3.24E+05
289	L-Protyl-L-Phenylalanine	Amino acids	3.45E+05	3.14E+05	3.65E+05	2.01E+04	2.71E+04	2.05E+04	1.82E+05	1.82E+05	1.76E+05
290	L-Glutaminyl-L-valyl-L-valyl-L-cysteine	Amino acids	3.49E+04	3.04E+04	2.97E+04	2.66E+03	3.23E+03	4.12E+03	1.75E+04	1.69E+04	1.78E+04
291	N-Acetyl-L-tyrosine	Amino acids	8.14E+04	7.33E+04	8.05E+04	7.97E+03	9.41E+03	7.66E+03	4.34E+04	4.27E+04	4.30E+04
292	N-Acetyl-L-leucine	Amino acids	3.64E+05	3.88E+05	3.66E+05	4.22E+04	5.10E+04	5.29E+04	2.11E+05	2.15E+05	2.11E+05
293	5-Oxo-L-Proline	Amino acids	3.20E+04	3.43E+04	3.65E+04	1.97E+03	7.89E+03	3.90E+03	1.94E+04	2.06E+04	1.90E+04
294	L-Aspartic acid-O-diglycoside	Amino acids	5.00E+06	5.31E+06	5.57E+06	7.92E+05	8.03E+05	8.71E+05	3.06E+06	3.14E+06	2.98E+06
295	L-Histidine	Amino acids	2.58E+06	2.88E+06	2.12E+06	3.68E+05	4.72E+05	3.60E+05	1.46E+06	1.46E+06	1.58E+06
296	L-Isoleucyl-L-Aspartate	Amino acids	1.24E+05	8.23E+04	1.08E+05	1.53E+04	1.85E+04	1.60E+04	6.06E+04	5.61E+04	6.00E+04
297	N6-Acetyl-L-lysine	Amino acids	1.70E+05	1.56E+05	1.55E+05	3.72E+04	2.61E+04	2.35E+04	9.46E+04	9.01E+04	9.73E+04
298	N-Acetyl-L-glutamic acid	Amino acids	1.15E+05	1.16E+05	1.38E+05	2.03E+04	2.18E+04	2.60E+04	7.28E+04	7.54E+04	6.82E+04
299	L-Glycyl-L-phenylalanine	Amino acids	2.27E+05	2.26E+05	2.48E+05	3.72E+04	5.34E+04	4.98E+04	1.40E+05	1.44E+05	1.36E+05
300	N-Glycyl-L-leucine	Amino acids	4.28E+05	3.93E+05	4.31E+05	8.65E+04	8.08E+04	8.54E+04	2.51E+05	2.48E+05	2.47E+05
301	L-Arginine	Amino acids	7.82E+06	8.63E+06	8.53E+06	1.78E+06	1.83E+06	1.75E+06	5.06E+06	5.19E+06	5.02E+06
302	L-Citrulline	Amino acids	6.67E+05	6.79E+05	7.19E+05	1.60E+05	1.59E+05	1.26E+05	4.18E+05	4.21E+05	4.16E+05
303	L-Tyrosine	Amino acids	6.17E+06	6.61E+06	6.39E+06	1.29E+06	1.41E+06	1.44E+06	3.88E+06	3.96E+06	3.87E+06
304	L-Glycyl-L-isoleucine	Amino acids	2.94E+05	3.37E+05	3.29E+05	7.22E+04	7.49E+04	6.38E+04	1.95E+05	2.01E+05	1.95E+05
305	L-Proline	Amino acids	1.72E+06	1.64E+06	1.74E+06	3.92E+05	3.98E+05	3.65E+05	1.04E+06	1.04E+06	1.04E+06
306	L-Phenylalanine	Amino acids	5.34E+06	5.19E+06	5.53E+06	1.20E+06	1.22E+06	1.26E+06	3.29E+06	3.30E+06	3.24E+06
307	N-Acetyl-L-glycine	Amino acids	2.41E+04	2.35E+04	3.15E+04	7.22E+03	7.36E+03	6.00E+03	1.66E+04	1.71E+04	1.55E+04
308	Homoarginine	Amino acids	9.93E+04	9.04E+04	8.33E+04	2.61E+04	2.06E+04	2.52E+04	5.75E+04	5.49E+04	5.91E+04
309	4-Acetamidobutyric acid	Amino acids	8.66E+05	8.49E+05	8.66E+05	2.33E+05	2.20E+05	2.38E+05	5.45E+05	5.43E+05	5.42E+05
310	Oxiglutatione	Amino acids	1.07E+05	1.12E+05	1.18E+05	3.15E+04	3.08E+04	3.16E+04	7.18E+04	7.32E+04	7.03E+04
311	L-Tryptophan	Amino acids	1.54E+07	1.53E+07	1.58E+07	4.81E+06	4.42E+06	4.57E+06	1.01E+07	1.00E+07	9.99E+06
312	3-Methyl-L-Histidine	Amino acids	2.16E+04	1.89E+04	2.04E+04	8.42E+03	6.58E+03	3.77E+03	1.33E+04	1.24E+04	1.39E+04
313	L-Homocitrulline	Amino acids	3.01E+04	3.19E+04	3.81E+04	1.41E+04	1.14E+04	7.00E+03	2.21E+04	2.21E+04	2.19E+04
314	N-α-Acetyl-L-ornithine	Amino acids	9.36E+05	8.70E+05	9.72E+05	3.13E+05	3.22E+05	3.04E+05	6.19E+05	6.17E+05	6.10E+05
315	N-Acetyl-L-threonine	Amino acids	7.48E+04	7.55E+04	7.64E+04	2.15E+04	3.03E+04	2.63E+04	5.08E+04	5.21E+04	5.06E+04
316	L-Leucyl-L-Leucine	Amino acids	3.10E+05	3.27E+05	3.39E+05	1.16E+05	1.12E+05	1.09E+05	2.19E+05	2.22E+05	2.16E+05
317	L-Homocystine	Amino acids	6.40E+04	4.18E+04	5.10E+04	1.61E+04	2.16E+04	2.00E+04	3.58E+04	3.36E+04	3.59E+04
318	2,3-Dimethylsuccinic acid	Amino acids	1.60E+04	1.77E+04	1.59E+04	6.04E+03	7.16E+03	7.02E+03	1.16E+04	1.19E+04	1.17E+04
319	L-Alanyl-L-Phenylalanine	Amino acids	1.14E+05	1.25E+05	1.05E+05	5.59E+04	4.81E+04	4.43E+04	8.21E+04	8.06E+04	8.59E+04
320	L-Protyl-L-Leucine	Amino acids	2.74E+05	2.26E+05	3.07E+05	1.10E+05	1.19E+05	1.23E+05	1.93E+05	1.94E+05	1.82E+05
321	L-Methionine Sulfoxide	Amino acids	5.11E+06	5.07E+06	4.88E+06	2.20E+06	2.40E+06	2.43E+06	3.68E+06	3.70E+06	3.70E+06
322	L-Valyl-L-Phenylalanine	Amino acids	1.88E+05	1.87E+05	1.97E+05	8.27E+04	9.53E+04	9.22E+04	1.40E+05	1.43E+05	1.38E+05
323	O-Acetylserine	Amino acids	5.04E+05	5.30E+05	5.85E+05	2.63E+05	2.57E+05	2.66E+05	4.01E+05	4.10E+05	3.89E+05
324	N-Acetyl-L-Aspartic Acid	Amino acids	6.89E+04	6.42E+04	7.18E+04	3.71E+04	2.61E+04	4.01E+04	5.14E+04	5.06E+04	4.91E+04
325	L-Leucyl-L-phenylalanine	Amino acids	1.97E+05	2.05E+05	1.74E+05	9.47E+04	1.14E+05	9.47E+04	1.47E+05	1.47E+05	1.53E+05
326	L-Valyl-L-Leucine	Amino acids	4.70E+05	4.98E+05	5.39E+05	2.52E+05	2.74E+05	2.71E+05	3.84E+05	3.95E+05	3.74E+05
327	2-Aminoisobutyric acid	Amino acids	6.08E+06	6.28E+06	6.14E+06	3.29E+06	3.39E+06	3.47E+06	4.78E+06	4.82E+06	4.76E+06
328	S-(Methyl)glutathione	Amino acids	1.20E+05	1.28E+05	1.41E+05	7.88E+04	8.26E+04	6.82E+04	1.03E+05	1.05E+05	1.02E+05
329	L-Leucine	Amino acids	3.07E+05	3.17E+05	3.59E+05	2.10E+05	2.17E+05	1.89E+05	2.67E+05	2.70E+05	2.63E+05
330	L-Isoleucine	Amino acids	3.04E+05	3.16E+05	3.09E+05	1.72E+05	2.26E+05	1.99E+05	2.54E+05	2.63E+05	2.54E+05
331	L-Valine	Amino acids	2.03E+06	2.15E+06	2.10E+06	1.40E+06	1.51E+06	1.37E+06	1.76E+06	1.78E+06	1.77E+06
332	L-Aspartyl-L-Phenylalanine	Amino acids	5.11E+04	4.24E+04	5.23E+04	3.43E+04	3.71E+04	3.73E+04	4.24E+04	4.22E+04	4.12E+04
333	L-Glutamine-O-glycoside	Amino acids	2.31E+04	2.41E+04	3.32E+04	1.67E+04	2.03E+04	2.57E+04	2.39E+04	2.58E+04	2.11E+04

334	3-Hydroxy-3-methylpentane-1,5-dioic acid	Amino acids	4.14E+05	4.19E+05	4.53E+05	3.76E+05	3.65E+05	3.19E+05	3.91E+05	3.89E+05	3.93E+05
335	N-Acetyl-L-Glutamine	Amino acids	1.49E+05	1.44E+05	1.56E+05	1.94E+05	1.61E+05	1.90E+05	1.66E+05	1.63E+05	1.62E+05
336	5-Aminovaleric acid	Amino acids	1.74E+04	1.46E+04	8.50E+03	2.92E+04	1.20E+04	1.59E+04	1.63E+04	1.27E+04	1.83E+04
337	L-Glutamic acid-O-glycoside	Amino acids	6.94E+04	6.10E+04	6.02E+04	1.20E+05	8.48E+04	1.05E+05	8.34E+04	7.78E+04	8.38E+04
338	Trans-4-Hydroxy-L-proline	Amino acids	8.31E+04	9.60E+04	9.11E+04	1.68E+05	1.60E+05	1.58E+05	1.26E+05	1.26E+05	1.27E+05
339	L-Aspartic Acid	Amino acids	7.34E+05	7.49E+05	7.26E+05	1.26E+06	1.55E+06	1.36E+06	1.06E+06	1.10E+06	1.07E+06
340	L-Asparagine	Amino acids	1.37E+06	1.49E+06	1.67E+06	3.05E+06	2.87E+06	2.86E+06	2.22E+06	2.22E+06	2.19E+06
341	L-Ornithine	Amino acids	8.36E+04	9.38E+04	7.83E+04	1.77E+05	1.65E+05	1.65E+05	1.27E+05	1.25E+05	1.30E+05
342	N,N-Dimethylglycine	Amino acids	6.29E+06	6.55E+06	6.53E+06	1.57E+07	1.64E+07	1.52E+07	1.11E+07	1.12E+07	1.13E+07
343	2,6-Diaminooimelic acid	Amino acids	3.71E+05	4.44E+05	4.17E+05	9.51E+05	1.02E+06	1.05E+06	7.09E+05	7.32E+05	6.97E+05
344	γ-Aminobutyric acid	Amino acids	9.00E+06	9.85E+06	9.51E+06	2.23E+07	2.38E+07	2.36E+07	1.64E+07	1.67E+07	1.62E+07
345	Pipecolic acid	Amino acids	4.43E+06	4.48E+06	4.20E+06	1.21E+07	1.17E+07	1.34E+07	8.38E+06	8.45E+06	8.17E+06
346	L-Serine	Amino acids	6.20E+05	6.28E+05	6.94E+05	1.82E+06	1.94E+06	2.00E+06	1.28E+06	1.32E+06	1.25E+06
347	L-Glutamic acid	Amino acids	3.30E+06	3.73E+06	3.89E+06	1.11E+07	1.14E+07	1.20E+07	7.58E+06	7.76E+06	7.39E+06
348	L-Lysine	Amino acids	2.44E+05	2.88E+05	2.93E+05	9.32E+05	9.63E+05	9.11E+05	6.05E+05	6.14E+05	6.07E+05
349	L-Glutamine	Amino acids	2.26E+05	2.58E+05	2.76E+05	8.53E+05	8.78E+05	9.15E+05	5.68E+05	5.82E+05	5.54E+05
350	L-Homoserine	Amino acids	7.66E+05	8.24E+05	8.24E+05	2.87E+06	2.95E+06	2.86E+06	1.85E+06	1.86E+06	1.85E+06
351	Cycloleucine	Amino acids	1.96E+06	2.24E+06	2.18E+06	7.27E+06	8.12E+06	8.26E+06	5.01E+06	5.20E+06	4.90E+06
352	L-Threonine	Amino acids	6.40E+05	6.89E+05	7.14E+05	2.81E+06	2.92E+06	2.92E+06	1.78E+06	1.81E+06	1.76E+06
353	L-Lysine-Butanoic Acid	Amino acids	9.12E+03	1.06E+04	1.08E+04	1.19E+05	1.16E+05	9.80E+04	6.06E+04	5.88E+04	6.37E+04
354	N-Formyl-L-Methionine	Amino acids	9.00E+00	9.00E+00	9.00E+00	1.33E+06	1.58E+06	1.44E+06	7.25E+05	7.54E+05	7.27E+05
355	D-Glucose 6-phosphate	Saccharides	1.12E+06	1.06E+06	1.05E+06	9.00E+00	9.00E+00	9.00E+00	5.36E+05	5.26E+05	5.43E+05
356	Glucose-1-phosphate	Saccharides	1.01E+06	1.06E+06	9.33E+05	9.00E+00	9.00E+00	9.00E+00	5.01E+05	4.99E+05	5.18E+05
357	Trehalose 6-phosphate	Saccharides	1.33E+05	1.26E+05	1.45E+05	9.00E+00	9.00E+00	9.00E+00	6.74E+04	6.78E+04	6.49E+04
358	1,10-Decanediol	Saccharides	7.16E+04	6.83E+04	6.73E+04	9.00E+00	9.00E+00	9.00E+00	3.45E+04	3.39E+04	3.50E+04
359	D-Threonic Acid	Saccharides	2.42E+06	2.46E+06	2.41E+06	1.18E+05	9.87E+04	1.14E+05	1.27E+06	1.27E+06	1.28E+06
360	D-Ribose	Saccharides	2.36E+05	2.63E+05	2.52E+05	2.94E+04	2.80E+04	2.67E+04	1.39E+05	1.42E+05	1.39E+05
361	Gluconic acid	Saccharides	4.50E+06	4.58E+06	4.52E+06	9.95E+05	1.03E+06	8.75E+05	2.75E+06	2.75E+06	2.78E+06
362	D-Glucose	Saccharides	7.52E+06	8.09E+06	7.50E+06	2.52E+06	2.60E+06	2.51E+06	5.12E+06	5.18E+06	5.18E+06
363	D-Fructose	Saccharides	6.31E+06	5.72E+06	6.74E+06	2.18E+06	2.10E+06	2.02E+06	4.18E+06	4.15E+06	4.08E+06
364	D-Sedoheptuise 7-phosphate	Saccharides	1.57E+06	1.82E+06	1.91E+06	6.87E+05	7.30E+05	6.19E+05	1.22E+06	1.27E+06	1.20E+06
365	Glucarate O-Phosphoric acid	Saccharides	3.62E+06	3.69E+06	3.90E+06	1.52E+06	1.52E+06	1.47E+06	2.62E+06	2.64E+06	2.59E+06
366	N-Acetyl-D-glucosamine	Saccharides	3.32E+05	3.25E+05	3.41E+05	1.54E+05	1.38E+05	1.31E+05	2.37E+05	2.34E+05	2.37E+05
367	Ribitol	Saccharides	2.06E+05	2.65E+05	2.12E+05	1.30E+05	1.15E+05	1.39E+05	1.78E+05	1.83E+05	1.79E+05
368	Xylitol	Saccharides	1.29E+05	1.43E+05	1.24E+05	7.35E+04	7.66E+04	7.81E+04	1.04E+05	1.06E+05	1.05E+05
369	D-Glucosamine	Saccharides	6.98E+05	6.75E+05	7.38E+05	4.42E+05	4.48E+05	4.06E+05	5.68E+05	5.67E+05	5.66E+05
370	D-Sorbitol	Saccharides	3.91E+05	4.41E+05	4.44E+05	2.81E+05	2.64E+05	2.68E+05	3.48E+05	3.54E+05	3.44E+05
371	D-Arabitol	Saccharides	1.50E+05	1.81E+05	1.37E+05	1.20E+05	9.64E+04	1.03E+05	1.31E+05	1.29E+05	1.37E+05
372	Mannitol	Saccharides	1.25E+05	1.25E+05	1.25E+05	9.12E+04	8.86E+04	8.48E+04	1.07E+05	1.06E+05	1.07E+05
373	D-(-)-Threose	Saccharides	2.86E+04	3.97E+04	3.50E+04	2.65E+04	3.36E+04	4.13E+04	3.41E+04	3.74E+04	3.21E+04
374	D-(+)-Sucrose	Saccharides	4.94E+06	4.16E+06	4.86E+06	6.89E+06	5.91E+06	6.64E+06	5.57E+06	5.39E+06	5.48E+06
375	D-Saccharic acid	Saccharides	9.06E+05	9.52E+05	9.06E+05	1.45E+06	1.27E+06	1.34E+06	1.14E+06	1.12E+06	1.14E+06
376	D-Galactaric acid	Saccharides	8.72E+05	9.20E+05	8.67E+05	1.38E+06	1.33E+06	1.21E+06	1.10E+06	1.08E+06	1.12E+06
377	D-(-)-Arabinose	Saccharides	6.12E+05	6.70E+05	6.71E+05	9.78E+05	1.01E+06	1.13E+06	8.45E+05	8.70E+05	8.18E+05
378	Turanose	Saccharides	1.36E+06	1.64E+06	1.39E+06	3.44E+06	2.61E+06	3.16E+06	2.27E+06	2.20E+06	2.26E+06
379	D-Fructose-1,6-biphosphate	Saccharides	9.06E+03	6.50E+03	8.19E+03	1.82E+04	1.77E+04	1.93E+04	1.32E+04	1.29E+04	1.29E+04
380	Solatriose	Saccharides	1.25E+05	1.06E+05	1.40E+05	4.08E+05	4.40E+05	2.41E+05	2.43E+05	2.32E+05	2.70E+05
381	N-Acetyl-D-galactosamine	Saccharides	1.08E+05	1.15E+05	1.22E+05	3.59E+05	3.12E+05	3.57E+05	2.29E+05	2.26E+05	2.23E+05

382	N-Acetyl-D-mannosamine	Saccharides	1.72E+05	1.65E+05	1.82E+05	5.89E+05	5.79E+05	5.88E+05	3.79E+05	3.79E+05	3.76E+05
383	N-Acetyl-D-glucosamine-1-phosphate	Saccharides	1.39E+04	1.45E+04	1.75E+04	1.11E+05	1.20E+05	1.23E+05	6.66E+04	6.87E+04	6.47E+04
384	D-Glucuronic acid	Saccharides	6.98E+05	7.86E+05	6.99E+05	6.84E+06	8.36E+06	7.35E+06	4.12E+06	4.30E+06	4.17E+06
385	L-Gulono-1,4-Lactone	Saccharides	9.00E+00	9.00E+00	9.00E+00	6.36E+04	5.59E+04	5.87E+04	2.97E+04	2.87E+04	2.99E+04
386	Argininosuccinic acid	Organic acids	4.03E+05	3.75E+05	3.87E+05	9.00E+00	9.00E+00	9.00E+00	1.94E+05	1.91E+05	1.95E+05
387	3-Hydroxyanthranilic acid	Organic acids	8.19E+04	7.98E+04	8.33E+04	9.00E+00	9.00E+00	9.00E+00	4.08E+04	4.08E+04	4.04E+04
388	Phthalic acid	Organic acids	6.32E+03	1.53E+04	1.11E+04	9.00E+00	9.00E+00	9.00E+00	5.45E+03	6.60E+03	5.42E+03
389	2-Hydroxy-4-methylpentanoic acid	Organic acids	1.10E+04	1.01E+04	1.06E+04	9.00E+00	9.00E+00	9.00E+00	5.29E+03	5.18E+03	5.27E+03
390	Indole-3-lactic acid	Organic acids	7.48E+03	6.57E+03	4.58E+03	9.00E+00	9.00E+00	9.00E+00	3.11E+03	2.79E+03	3.52E+03
391	(-)-Jasmonoyl-L-Isoleucine	Organic acids	2.75E+03	2.92E+03	3.07E+03	9.00E+00	9.00E+00	9.00E+00	1.46E+03	1.50E+03	1.42E+03
392	Propyl 2-(trimethylammonio)ethyl phosphate	Organic acids	1.13E+06	1.06E+06	1.17E+06	8.01E+04	7.74E+04	6.43E+04	5.96E+05	5.92E+05	5.87E+05
393	D-Xyloic acid	Organic acids	1.58E+07	1.56E+07	1.58E+07	1.11E+06	1.03E+06	1.08E+06	8.41E+06	8.39E+06	8.39E+06
394	Citric Acid	Organic acids	3.45E+07	3.65E+07	3.90E+07	2.67E+06	2.50E+06	2.46E+06	1.96E+07	2.01E+07	1.90E+07
395	L-(-)-Malic acid	Organic acids	2.90E+05	3.12E+05	2.82E+05	2.17E+04	2.02E+04	2.70E+04	1.59E+05	1.60E+05	1.61E+05
396	β-Hydroxyisovaleric acid	Organic acids	1.02E+07	1.01E+07	1.04E+07	8.80E+05	9.26E+05	9.35E+05	5.59E+06	5.60E+06	5.54E+06
397	Methylenesuccinic acid	Organic acids	1.59E+05	1.87E+05	2.03E+05	1.71E+04	2.65E+04	2.09E+04	1.02E+05	1.09E+05	9.75E+04
398	3-Dehydro-L-Threonine Acid	Organic acids	8.29E+06	9.01E+06	7.63E+06	1.00E+06	1.02E+06	1.02E+06	4.66E+06	4.67E+06	4.83E+06
399	Quinic Acid	Organic acids	1.21E+06	1.16E+06	1.22E+06	1.70E+05	1.57E+05	1.65E+05	6.78E+05	6.73E+05	6.72E+05
400	(S)-2-Hydroxyglutaric Acid	Organic acids	6.85E+05	8.08E+05	8.44E+05	1.10E+05	1.08E+05	1.15E+05	4.45E+05	4.69E+05	4.28E+05
401	(2R,3S)-3-methylmalic acid	Organic acids	7.68E+05	8.18E+05	9.10E+05	1.28E+05	1.20E+05	1.08E+05	4.75E+05	4.89E+05	4.58E+05
402	L-Citramalic acid	Organic acids	1.04E+05	9.24E+04	1.01E+05	1.85E+04	1.28E+04	1.11E+04	5.66E+04	5.43E+04	5.70E+04
403	Isocitric Acid	Organic acids	1.94E+07	1.74E+07	1.90E+07	2.99E+06	2.99E+06	3.07E+06	1.08E+07	1.06E+07	1.07E+07
404	3-Hydroxybutyric acid	Organic acids	1.18E+06	1.15E+06	1.18E+06	2.11E+05	2.39E+05	1.69E+05	6.87E+05	6.84E+05	6.93E+05
405	2-Isopropylmalic Acid	Organic acids	7.87E+05	7.93E+05	7.74E+05	1.65E+05	1.68E+05	1.67E+05	4.75E+05	4.75E+05	4.78E+05
406	Acetoxyacetic acid	Organic acids	8.85E+04	7.76E+04	6.80E+04	1.85E+04	1.67E+04	1.97E+04	4.82E+04	4.55E+04	5.03E+04
407	3-Methyl-2-Oxobutanoic acid	Organic acids	1.98E+05	1.96E+05	1.81E+05	6.29E+04	7.21E+04	5.12E+04	1.27E+05	1.25E+05	1.32E+05
408	2-Hydroxybutyric Acid	Organic acids	1.42E+04	1.42E+04	1.29E+04	4.30E+03	3.53E+03	6.57E+03	9.29E+03	9.30E+03	9.07E+03
409	L-Tartaric acid	Organic acids	2.48E+04	2.32E+04	2.13E+04	9.69E+03	6.18E+03	1.25E+04	1.63E+04	1.58E+04	1.60E+04
410	6-Aminocaproic acid	Organic acids	1.94E+06	1.89E+06	1.90E+06	9.19E+05	9.13E+05	6.42E+05	1.37E+06	1.34E+06	1.42E+06
411	Fumaric acid	Organic acids	1.49E+05	1.37E+05	1.46E+05	7.92E+04	5.66E+04	6.07E+04	1.05E+05	1.00E+05	1.06E+05
412	4-Oxopentanoic Acid	Organic acids	3.82E+04	4.30E+04	3.80E+04	2.15E+04	2.33E+04	1.70E+04	3.02E+04	3.03E+04	3.15E+04
413	Adipic Acid	Organic acids	8.47E+04	7.40E+04	9.30E+04	3.90E+04	5.39E+04	4.39E+04	6.48E+04	6.62E+04	6.29E+04
414	2-Methylglutaric acid	Organic acids	7.89E+04	7.90E+04	9.69E+04	4.98E+04	5.50E+04	3.89E+04	6.64E+04	6.75E+04	6.57E+04
415	2-Picolinic acid	Organic acids	3.71E+05	3.91E+05	3.56E+05	2.25E+05	2.17E+05	2.22E+05	2.97E+05	2.96E+05	3.01E+05
416	2-Hydroxyisobutyric acid	Organic acids	1.92E+04	1.82E+04	1.30E+04	1.06E+04	1.09E+04	8.77E+03	1.35E+04	1.27E+04	1.47E+04
417	4-Guanidinobutyric acid	Organic acids	1.09E+06	1.05E+06	1.14E+06	6.87E+05	7.92E+05	6.88E+05	9.06E+05	9.16E+05	9.04E+05
418	2-Hydroxyisocaproic acid	Organic acids	4.35E+05	3.90E+05	4.10E+05	3.45E+05	3.57E+05	3.39E+05	3.79E+05	3.74E+05	3.82E+05
419	Lauric acid	Organic acids	4.26E+03	6.31E+03	5.15E+03	4.66E+03	4.33E+03	5.44E+03	5.03E+03	5.31E+03	4.89E+03
420	3-Hydroxypropanoic acid	Organic acids	1.26E+04	9.96E+03	6.77E+03	9.58E+03	6.61E+03	1.15E+04	9.50E+03	8.70E+03	9.69E+03
421	Diethyl phosphate	Organic acids	1.69E+05	1.34E+05	1.96E+05	1.41E+05	1.92E+05	1.53E+05	1.64E+05	1.69E+05	1.59E+05
422	2-Hydroxyhexadecanoic acid	Organic acids	7.07E+05	7.83E+05	7.88E+05	7.39E+05	7.76E+05	7.77E+05	7.62E+05	7.81E+05	7.51E+05
423	Ethylmalonic acid	Organic acids	2.10E+04	2.27E+04	2.90E+04	3.02E+04	2.55E+04	2.43E+04	2.55E+04	2.54E+04	2.48E+04
424	4-Hydroxy-2-oxoglutaric acid	Organic acids	2.17E+05	2.28E+05	2.58E+05	2.75E+05	2.59E+05	2.45E+05	2.47E+05	2.47E+05	2.45E+05
425	Dodecanedioic acid	Organic acids	1.12E+03	1.18E+03	9.60E+02	1.11E+03	1.27E+03	1.40E+03	1.17E+03	1.20E+03	1.17E+03
426	Glutaric acid	Organic acids	5.99E+05	6.16E+05	5.85E+05	7.30E+05	7.65E+05	6.93E+05	6.65E+05	6.65E+05	6.78E+05
427	2-Furanoic acid	Organic acids	1.08E+05	1.15E+05	1.14E+05	1.40E+05	1.49E+05	1.46E+05	1.29E+05	1.31E+05	1.28E+05
428	α-Ketoglutaric acid	Organic acids	8.22E+04	9.16E+04	7.90E+04	1.21E+05	1.21E+05	1.18E+05	1.02E+05	1.02E+05	1.04E+05
429	Citraconic acid	Organic acids	2.51E+05	2.01E+05	2.02E+05	3.10E+05	3.53E+05	3.35E+05	2.75E+05	2.73E+05	2.79E+05

430	Benzoylformic acid	Organic acids	7.73E+03	7.45E+03	9.42E+03	1.57E+04	1.07E+04	1.28E+04	1.06E+04	1.01E+04	1.04E+04
431	Phosphoenolpyruvate	Organic acids	1.08E+04	5.82E+03	7.24E+03	1.01E+04	1.29E+04	1.64E+04	1.05E+04	1.06E+04	9.91E+03
432	2-Methylsuccinic acid	Organic acids	6.77E+05	7.02E+05	7.23E+05	1.29E+06	1.36E+06	1.24E+06	9.99E+05	1.01E+06	1.01E+06
433	Dimethylmalonic acid	Organic acids	4.69E+04	5.32E+04	5.00E+04	9.37E+04	9.52E+04	9.23E+04	7.19E+04	7.27E+04	7.22E+04
434	Muconic acid	Organic acids	1.43E+06	1.38E+06	1.33E+06	3.20E+06	3.57E+06	3.03E+06	2.32E+06	2.33E+06	2.40E+06
435	1-Aminocyclopropane-1-carboxylic acid	Organic acids	8.19E+04	8.26E+04	8.87E+04	2.40E+05	2.41E+05	2.81E+05	1.69E+05	1.73E+05	1.61E+05
436	2,2-Dimethylsuccinic acid	Organic acids	2.44E+04	2.23E+04	2.27E+04	7.27E+04	6.83E+04	7.98E+04	4.84E+04	4.83E+04	4.69E+04
437	2-Oxoadipic acid	Organic acids	1.02E+04	3.67E+03	5.71E+03	1.97E+04	2.31E+04	2.08E+04	1.38E+04	1.33E+04	1.41E+04
438	6-Hydroxyhexanoic acid	Organic acids	3.84E+05	4.21E+05	3.88E+05	1.75E+06	1.87E+06	1.77E+06	1.10E+06	1.11E+06	1.11E+06
439	Succinic acid	Organic acids	8.37E+06	7.82E+06	7.95E+06	4.03E+07	4.18E+07	3.79E+07	2.40E+07	2.39E+07	2.46E+07
440	Methylmalonic acid	Organic acids	8.06E+06	7.78E+06	7.91E+06	4.00E+07	4.13E+07	3.87E+07	2.40E+07	2.39E+07	2.43E+07
441	Aminomalonic acid	Organic acids	2.88E+05	2.68E+05	2.69E+05	1.39E+06	1.45E+06	1.41E+06	8.47E+05	8.50E+05	8.50E+05
442	Malonic acid	Organic acids	1.26E+06	1.28E+06	1.24E+06	7.86E+06	7.56E+06	7.63E+06	4.47E+06	4.43E+06	4.49E+06
443	2-Aminoethanesulfonic acid	Organic acids	4.31E+03	6.34E+03	5.00E+03	3.75E+04	3.97E+04	3.92E+04	2.20E+04	2.26E+04	2.20E+04
444	Succinic anhydride	Organic acids	5.46E+04	5.23E+04	5.27E+04	4.27E+05	4.48E+05	4.37E+05	2.45E+05	2.47E+05	2.45E+05
445	Suberic Acid	Organic acids	6.47E+04	7.55E+04	7.26E+04	6.66E+05	6.44E+05	6.42E+05	3.61E+05	3.58E+05	3.62E+05
446	Anchoic Acid	Organic acids	3.66E+06	3.91E+06	3.70E+06	3.51E+07	3.90E+07	3.47E+07	2.00E+07	2.03E+07	2.04E+07
447	D-Galacturonic acid	Organic acids	5.44E+05	6.11E+05	5.17E+05	5.41E+06	5.63E+06	5.74E+06	3.08E+06	3.12E+06	3.05E+06
448	LysoPC 15:0	Phospholipids	2.91E+05	2.46E+05	2.73E+05	9.00E+00	9.00E+00	9.00E+00	1.35E+05	1.30E+05	1.34E+05
449	LysoPC 17:1	Phospholipids	2.28E+05	2.05E+05	2.10E+05	9.00E+00	9.00E+00	9.00E+00	1.07E+05	1.04E+05	1.08E+05
450	LysoPC 19:2	Phospholipids	1.91E+05	1.91E+05	1.91E+05	9.00E+00	9.00E+00	9.00E+00	9.56E+04	9.56E+04	9.56E+04
451	LysoPC 20:3	Phospholipids	1.19E+05	1.24E+05	1.27E+05	9.00E+00	9.00E+00	9.00E+00	6.17E+04	6.27E+04	6.07E+04
452	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
453	LysoPE 15:0(2n isomer)	Phospholipids	2.90E+04	2.54E+04	2.95E+04	9.00E+00	9.00E+00	9.00E+00	1.40E+04	1.37E+04	1.36E+04
454	LysoPC 18:4	Phospholipids	2.80E+04	2.35E+04	2.32E+04	9.00E+00	9.00E+00	9.00E+00	1.25E+04	1.17E+04	1.29E+04
455	LysoPC 16:0(2n isomer)	Phospholipids	2.13E+07	2.13E+07	2.14E+07	1.59E+05	1.83E+05	1.57E+05	1.07E+07	1.07E+07	1.07E+07
456	LysoPC 14:0	Phospholipids	2.45E+05	2.47E+05	2.36E+05	3.61E+03	2.85E+03	3.36E+03	1.23E+05	1.22E+05	1.25E+05
457	LysoPC 18:3(2n isomer)	Phospholipids	3.99E+07	3.81E+07	3.82E+07	8.03E+05	7.68E+05	8.22E+05	1.98E+07	1.95E+07	1.99E+07
458	LysoPC 18:0(2n isomer)	Phospholipids	4.37E+05	4.27E+05	3.58E+05	1.22E+04	8.48E+03	9.83E+03	2.09E+05	2.01E+05	2.21E+05
459	LysoPC 18:1(2n isomer)	Phospholipids	6.82E+07	6.55E+07	6.65E+07	1.77E+06	1.82E+06	1.98E+06	3.43E+07	3.40E+07	3.43E+07
460	LysoPC 18:2(2n isomer)	Phospholipids	9.08E+06	8.59E+06	9.04E+06	2.95E+05	3.11E+05	2.69E+05	4.60E+06	4.55E+06	4.57E+06
461	LysoPE 16:0(2n isomer)	Phospholipids	1.72E+06	1.69E+06	1.73E+06	7.65E+04	7.97E+04	7.10E+04	8.95E+05	8.93E+05	8.91E+05
462	LysoPC 18:3	Phospholipids	9.33E+06	9.32E+06	8.69E+06	4.43E+05	3.95E+05	4.10E+05	4.76E+06	4.70E+06	4.87E+06
463	LysoPC 16:1(2n isomer)	Phospholipids	2.64E+06	2.69E+06	2.65E+06	1.51E+05	1.49E+05	1.41E+05	1.40E+06	1.41E+06	1.41E+06
464	LysoPC 16:1	Phospholipids	2.68E+06	2.60E+06	2.64E+06	1.49E+05	1.53E+05	1.65E+05	1.40E+06	1.39E+06	1.40E+06
465	LysoPC 18:1	Phospholipids	1.35E+07	1.29E+07	1.39E+07	8.18E+05	8.37E+05	8.11E+05	7.14E+06	7.13E+06	7.03E+06
466	LysoPC 17:0	Phospholipids	8.58E+04	7.91E+04	8.03E+04	5.74E+03	4.36E+03	6.05E+03	4.36E+04	4.25E+04	4.38E+04
467	LysoPE 18:2	Phospholipids	4.96E+06	4.43E+06	5.01E+06	3.34E+05	3.63E+05	3.36E+05	2.57E+06	2.53E+06	2.52E+06
468	LysoPC 15:1	Phospholipids	9.08E+04	8.12E+04	8.56E+04	6.21E+03	5.94E+03	7.19E+03	4.62E+04	4.50E+04	4.60E+04
469	LysoPC 18:2	Phospholipids	1.18E+07	1.04E+07	1.11E+07	9.03E+05	8.82E+05	9.33E+05	6.01E+06	5.84E+06	6.00E+06
470	LysoPE 18:3	Phospholipids	6.49E+05	6.09E+05	6.80E+05	5.59E+04	5.81E+04	5.33E+04	3.51E+05	3.50E+05	3.43E+05
471	LysoPE 15:0	Phospholipids	6.77E+04	6.61E+04	6.53E+04	8.97E+03	9.37E+03	8.50E+03	3.77E+04	3.73E+04	3.80E+04
472	LysoPC 17:2	Phospholipids	2.95E+05	2.76E+05	2.71E+05	4.27E+04	4.68E+04	5.58E+04	1.65E+05	1.62E+05	1.65E+05
473	LysoPE 14:0	Phospholipids	4.35E+04	3.67E+04	4.43E+04	7.60E+03	5.93E+03	8.52E+03	2.44E+04	2.39E+04	2.34E+04
474	LysoPC 16:0	Phospholipids	2.13E+07	2.17E+07	1.89E+07	3.86E+06	4.03E+06	4.18E+06	1.23E+07	1.22E+07	1.27E+07
475	LysoPC 20:2	Phospholipids	2.14E+05	2.62E+05	2.13E+05	4.60E+04	4.71E+04	4.12E+04	1.37E+05	1.41E+05	1.42E+05

476	LysoPC 19:2(2n isomer)	Phospholipids	4.90E+04	5.06E+04	4.86E+04	1.03E+04	9.52E+03	1.00E+04	2.97E+04	2.97E+04	2.99E+04
477	LysoPE 16:0	Phospholipids	4.95E+06	4.52E+06	4.64E+06	9.38E+05	9.71E+05	9.99E+05	2.84E+06	2.78E+06	2.85E+06
478	LysoPG 16:0	Phospholipids	8.31E+05	8.64E+05	3.95E+05	1.19E+05	1.16E+05	3.55E+05	4.47E+05	4.32E+05	4.83E+05
479	LysoPC 18:0	Phospholipids	2.99E+05	2.88E+05	1.90E+05	7.74E+04	8.96E+04	7.99E+04	1.71E+05	1.62E+05	1.88E+05
480	LysoPE 20:2	Phospholipids	1.44E+04	1.48E+04	1.73E+04	4.42E+03	4.96E+03	5.65E+03	1.03E+04	1.07E+04	9.65E+03
481	LysoPE 16:1	Phospholipids	3.90E+05	3.96E+05	3.81E+05	1.26E+05	1.56E+05	1.35E+05	2.64E+05	2.67E+05	2.67E+05
482	LysoPE 14:0(2n isomer)	Phospholipids	2.49E+04	2.17E+04	2.25E+04	7.54E+03	7.69E+03	9.50E+03	1.56E+04	1.54E+04	1.55E+04
483	LysoPE 16:1(2n isomer)	Phospholipids	4.07E+05	3.85E+05	4.04E+05	1.26E+05	1.53E+05	1.55E+05	2.71E+05	2.74E+05	2.67E+05
484	LysoPC 19:1	Phospholipids	6.77E+04	6.71E+04	6.63E+04	3.21E+04	2.82E+04	2.75E+04	4.82E+04	4.73E+04	4.88E+04
485	LysoPC 19:0	Phospholipids	1.59E+04	1.21E+04	1.42E+04	9.25E+03	1.07E+04	1.19E+04	1.24E+04	1.22E+04	1.20E+04
486	LysoPE 17:1(2n isomer)	Phospholipids	7.55E+04	6.83E+04	7.01E+04	5.81E+04	6.40E+04	5.51E+04	6.52E+04	6.44E+04	6.65E+04
487	LysoPC 20:4	Phospholipids	4.94E+03	3.90E+03	3.79E+03	9.40E+03	8.53E+03	8.23E+03	6.47E+03	6.11E+03	6.69E+03
488	LysoPE 15:1(2n isomer)	Phospholipids	8.80E+03	9.34E+03	1.10E+04	3.55E+04	3.70E+04	3.39E+04	2.26E+04	2.28E+04	2.27E+04
489	Choline Alfoscerate	Phospholipids	5.76E+06	6.20E+06	5.89E+06	3.76E+07	4.35E+07	4.06E+07	2.33E+07	2.40E+07	2.33E+07
490	1-O-Feruloyl-3-O-caffeoylglycerol	Free fatty acids and Glycerides	6.84E+04	6.08E+04	6.27E+04	9.00E+00	9.00E+00	9.00E+00	3.20E+04	3.09E+04	3.23E+04
491	9,10-Epoxyoctadecanoic Acid	Free fatty acids and Glycerides	7.46E+03	6.95E+03	7.10E+03	9.00E+00	9.00E+00	9.00E+00	3.59E+03	3.52E+03	3.61E+03
492	Cis-4,7,10,13,16,19-Docosahexaenoic Acid	Free fatty acids and Glycerides	5.50E+03	5.07E+03	5.34E+03	9.00E+00	9.00E+00	9.00E+00	2.66E+03	2.61E+03	2.65E+03
493	1- α -Linolenoyl-glycerol-2,3-di-O-glucoside	Free fatty acids and Glycerides	5.37E+03	5.17E+03	3.76E+03	9.00E+00	9.00E+00	9.00E+00	2.39E+03	2.24E+03	2.64E+03
494	1- α -Linolenoyl-glycerol-3-O-glucoside	Free fatty acids and Glycerides	4.79E+03	1.68E+03	4.04E+03	9.00E+00	9.00E+00	9.00E+00	1.76E+03	1.43E+03	1.62E+03
495	8,15-Dihydroxy-5,9,11,13-eicosatetraenoic acid	Free fatty acids and Glycerides	8.06E+05	8.00E+05	8.16E+05	2.15E+03	2.57E+03	2.88E+03	4.05E+05	4.05E+05	4.03E+05
496	Methyl 7,10-hexadecadienoate	Free fatty acids and Glycerides	1.01E+06	1.16E+06	1.13E+06	8.85E+04	7.84E+04	9.46E+04	5.94E+05	6.16E+05	5.84E+05
497	9-Hydroxy-10,12,15-octadecatrienoic acid	Free fatty acids and Glycerides	1.06E+05	1.07E+05	1.04E+05	1.22E+04	1.16E+04	1.11E+04	5.85E+04	5.82E+04	5.91E+04
498	13-KODE; (9Z,11E)-13-Oxooctadeca-9,11-dienoic acid	Free fatty acids and Glycerides	1.06E+05	1.08E+05	1.12E+05	1.19E+04	1.32E+04	1.13E+04	6.04E+04	6.12E+04	5.97E+04
499	1-Linolenoyl-rac-glycerol-diglucoside	Free fatty acids and Glycerides	3.85E+05	3.47E+05	3.14E+05	3.75E+04	4.75E+04	4.07E+04	1.95E+05	1.87E+05	2.04E+05
500	1- α -Linolenoyl-glycerol	Free fatty acids and Glycerides	4.15E+06	4.22E+06	4.30E+06	7.51E+05	8.03E+05	7.58E+05	2.50E+06	2.52E+06	2.48E+06
501	12,13-Epoxy-9-Octadecenoic Acid	Free fatty acids and Glycerides	3.27E+05	3.44E+05	3.64E+05	8.58E+04	8.25E+04	8.40E+04	2.15E+05	2.19E+05	2.10E+05
502	9,12-Octadecadien-6-Ynoic Acid	Free fatty acids and Glycerides	3.48E+04	3.91E+04	3.41E+04	8.65E+03	1.02E+04	9.60E+03	2.27E+04	2.32E+04	2.32E+04
503	9-Hydroxy-13-oxo-10-octadecenoic Acid	Free fatty acids and Glycerides	2.80E+05	2.74E+05	2.79E+05	8.66E+04	8.90E+04	8.11E+04	1.82E+05	1.81E+05	1.82E+05
504	1-Linoleoylglycerol	Free fatty acids and Glycerides	1.92E+06	1.88E+06	1.95E+06	5.86E+05	6.18E+05	5.97E+05	1.26E+06	1.26E+06	1.25E+06
505	1-Oleoyl-Sn-Glycerol	Free fatty acids and Glycerides	3.75E+05	3.97E+05	3.61E+05	1.29E+05	1.24E+05	1.13E+05	2.50E+05	2.49E+05	2.56E+05
506	13S-Hydroperoxy-9Z,11E-octadecadienoic acid	Free fatty acids and Glycerides	1.99E+06	2.05E+06	1.98E+06	6.67E+05	6.73E+05	6.56E+05	1.33E+06	1.34E+06	1.34E+06
507	9(10)-EpOME;(9R,10S)-(12Z)-9,10-Epoxyoctadecenoic acid	Free fatty acids and Glycerides	7.06E+05	7.27E+05	7.46E+05	2.36E+05	2.64E+05	2.58E+05	4.90E+05	4.99E+05	4.83E+05
508	9-Oxo-10E,12Z-octadecadienoic acid	Free fatty acids and Glycerides	8.21E+04	8.50E+04	8.80E+04	2.73E+04	2.72E+04	3.60E+04	5.76E+04	5.91E+04	5.54E+04
509	1-Linoleoylglycerol-2,3-di-O-glucoside	Free fatty acids and Glycerides	1.65E+04	1.68E+04	1.61E+04	9.56E+03	3.18E+03	5.16E+03	1.12E+04	1.03E+04	1.15E+04
510	2- α -Linolenoyl-glycerol-1,3-di-O-glucoside	Free fatty acids and Glycerides	1.01E+04	8.33E+03	1.08E+04	3.96E+03	3.60E+03	3.63E+03	6.75E+03	6.60E+03	6.51E+03
511	Oleamide (9-Octadecenamide)	Free fatty acids and Glycerides	3.23E+05	3.38E+05	2.87E+05	1.43E+05	1.18E+05	1.20E+05	2.21E+05	2.16E+05	2.30E+05
512	α -Linolenic Acid	Free fatty acids and Glycerides	2.01E+07	2.01E+07	2.02E+07	8.20E+06	8.27E+06	8.08E+06	1.42E+07	1.42E+07	1.42E+07
513	2- α -Linolenoyl-glycerol-1-O-glucoside	Free fatty acids and Glycerides	3.97E+03	2.92E+03	4.10E+03	1.86E+03	1.07E+03	1.60E+03	2.59E+03	2.42E+03	2.45E+03
514	γ -Linolenic Acid	Free fatty acids and Glycerides	1.99E+07	1.98E+07	1.93E+07	8.19E+06	8.40E+06	8.14E+06	1.40E+07	1.39E+07	1.41E+07
515	1-Stearidonoyl-Glycerol	Free fatty acids and Glycerides	2.15E+05	2.18E+05	2.25E+05	9.51E+04	8.61E+04	9.60E+04	1.56E+05	1.56E+05	1.53E+05
516	Monopalmitin	Free fatty acids and Glycerides	5.31E+04	5.94E+04	5.99E+04	2.78E+04	2.38E+04	2.41E+04	4.13E+04	4.18E+04	4.10E+04
517	Eicosadienoic acid	Free fatty acids and Glycerides	4.55E+06	4.59E+06	4.66E+06	2.20E+06	2.17E+06	2.22E+06	3.40E+06	3.41E+06	3.38E+06
518	Pentadecanoic Acid	Free fatty acids and Glycerides	4.11E+05	4.22E+05	4.05E+05	1.93E+05	2.02E+05	1.98E+05	3.05E+05	3.07E+05	3.07E+05
519	9-Hydroperoxy-10E,12,15Z-octadecatrienoic acid	Free fatty acids and Glycerides	6.27E+04	6.24E+04	5.53E+04	2.76E+04	4.24E+04	2.45E+04	4.58E+04	4.61E+04	4.88E+04

520	Punicic acid (9Z,11E,13Z-octadecatrienoic acid)	Free fatty acids and Glycerides	6.92E+06	6.95E+06	7.37E+06	3.70E+06	3.80E+06	3.74E+06	5.41E+06	5.47E+06	5.34E+06
521	Cis-10-Heptadecenoic Acid	Free fatty acids and Glycerides	2.63E+06	2.63E+06	2.59E+06	1.70E+06	1.73E+06	1.62E+06	2.15E+06	2.14E+06	2.17E+06
522	13(S)-HODE;13(S)-Hydroxyoctadeca-9Z,11E-dienoic acid	Free fatty acids and Glycerides	3.56E+06	3.76E+06	3.74E+06	2.33E+06	2.47E+06	2.31E+06	3.03E+06	3.07E+06	3.03E+06
523	9S-Hydroxy-10E,12Z-octadecadienoic acid	Free fatty acids and Glycerides	3.61E+06	3.78E+06	3.81E+06	2.41E+06	2.54E+06	2.39E+06	3.09E+06	3.13E+06	3.09E+06
524	Heptadecanoic acid	Free fatty acids and Glycerides	9.02E+04	8.84E+04	8.73E+04	5.92E+04	6.78E+04	4.87E+04	7.36E+04	7.31E+04	7.64E+04
525	11-Octadecanoic acid(Vaccenic acid)	Free fatty acids and Glycerides	3.15E+07	3.10E+07	2.96E+07	2.24E+07	2.13E+07	1.99E+07	2.60E+07	2.55E+07	2.66E+07
526	2-Linoleoylglycerol-1,3-di-O-glucoside	Free fatty acids and Glycerides	4.35E+04	3.14E+04	5.45E+04	2.26E+04	3.05E+04	3.84E+04	3.68E+04	3.87E+04	3.20E+04
527	Myristic Acid	Free fatty acids and Glycerides	1.21E+07	1.15E+07	1.22E+07	8.85E+06	8.49E+06	7.94E+06	1.02E+07	1.00E+07	1.02E+07
528	2-Linoleoylglycerol-1-O-glucoside	Free fatty acids and Glycerides	8.44E+03	7.44E+03	7.72E+03	6.56E+03	4.67E+03	5.85E+03	6.78E+03	6.42E+03	6.78E+03
529	2- α -Linolenoyl-glycerol	Free fatty acids and Glycerides	1.63E+06	1.70E+06	1.77E+06	1.26E+06	1.25E+06	1.18E+06	1.46E+06	1.47E+06	1.46E+06
530	Linoleic acid	Free fatty acids and Glycerides	3.15E+07	2.98E+07	3.06E+07	2.40E+07	2.34E+07	2.29E+07	2.70E+07	2.67E+07	2.72E+07
531	16-Methylheptadecanoic acid	Free fatty acids and Glycerides	2.08E+07	2.35E+07	2.31E+07	1.72E+07	1.72E+07	2.21E+07	2.06E+07	2.15E+07	1.97E+07
532	Hexadecylsphingosine	Free fatty acids and Glycerides	2.27E+06	2.27E+06	2.70E+06	2.12E+06	2.02E+06	1.97E+06	2.22E+06	2.24E+06	2.17E+06
533	9-Hydroxy-12-oxo-15(Z)-octadecenoic acid	Free fatty acids and Glycerides	4.84E+05	4.87E+05	4.89E+05	4.12E+05	4.24E+05	4.03E+05	4.50E+05	4.51E+05	4.52E+05
534	Eicosenoic acid	Free fatty acids and Glycerides	2.53E+06	2.37E+06	2.70E+06	1.93E+06	2.15E+06	2.60E+06	2.38E+06	2.45E+06	2.24E+06
535	12,13-DHOME; (9Z)-12,13-Dihydroxyoctadec-9-enoic acid	Free fatty acids and Glycerides	1.42E+05	1.46E+05	1.52E+05	1.28E+05	1.36E+05	1.29E+05	1.39E+05	1.41E+05	1.38E+05
536	9,10,13-Trihydroxy-11-Octadecenoic Acid	Free fatty acids and Glycerides	3.03E+06	2.92E+06	3.03E+06	2.66E+06	2.71E+06	2.67E+06	2.84E+06	2.83E+06	2.83E+06
537	Octadeca-11E,13E,15Z-trienoic acid	Free fatty acids and Glycerides	1.04E+07	9.72E+06	1.02E+07	9.75E+06	1.04E+07	9.54E+06	1.00E+07	9.97E+06	1.01E+07
538	2-Linoleoylglycerol	Free fatty acids and Glycerides	1.30E+06	1.29E+06	1.38E+06	1.32E+06	1.41E+06	1.27E+06	1.33E+06	1.34E+06	1.33E+06
539	Palmitoleic Acid	Free fatty acids and Glycerides	9.56E+03	1.10E+04	9.18E+03	1.19E+04	1.31E+04	1.80E+04	1.21E+04	1.28E+04	1.14E+04
540	Undecylic Acid	Free fatty acids and Glycerides	2.89E+05	2.65E+05	3.24E+05	4.21E+05	5.05E+05	4.18E+05	3.70E+05	3.78E+05	3.70E+05
541	9,12,13-Trihydroxy-10,15-octadecadienoic acid	Free fatty acids and Glycerides	2.10E+05	2.02E+05	1.95E+05	3.57E+05	3.76E+05	3.48E+05	2.82E+05	2.81E+05	2.86E+05
542	3-Hydroxyoctadecanoic Acid	Free fatty acids and Glycerides	2.67E+05	3.07E+05	3.63E+05	5.90E+05	6.16E+05	4.78E+05	4.37E+05	4.41E+05	4.45E+05
543	13-Hydroxy-6,9,11-octadecatrienoic acid	Free fatty acids and Glycerides	2.22E+04	1.72E+04	1.98E+04	3.99E+04	4.38E+04	4.08E+04	3.06E+04	3.04E+04	3.08E+04
544	Arachidonic Acid	Free fatty acids and Glycerides	3.92E+03	1.81E+03	3.36E+03	6.96E+03	7.37E+03	9.75E+03	5.53E+03	5.57E+03	5.01E+03
545	7S,8S-DiHODE; (9Z,12Z)-(7S,8S)-Dihydroxyoctadeca-9,12-dienoic acid	Free fatty acids and Glycerides	8.46E+05	9.00E+05	8.91E+05	4.46E+06	5.34E+06	4.68E+06	2.85E+06	2.95E+06	2.88E+06
546	1-Eicosanol	Free fatty acids and Glycerides	1.93E+05	1.89E+05	1.99E+05	1.27E+06	1.16E+06	1.26E+06	7.11E+05	7.02E+05	7.02E+05
547	Rosiridoside B	Others	5.92E+05	5.48E+05	6.49E+05	9.00E+00	9.00E+00	9.00E+00	2.98E+05	2.99E+05	2.85E+05
548	Rosiridoside A	Others	7.79E+04	9.38E+04	5.83E+04	9.00E+00	9.00E+00	9.00E+00	3.84E+04	3.80E+04	4.29E+04
549	4-Aminoindole	Others	6.06E+04	4.76E+04	4.47E+04	9.00E+00	9.00E+00	9.00E+00	2.55E+04	2.31E+04	2.71E+04
550	3,4'-Dihydroxy-3'-methoxybenzenepentanoic acid	Others	3.77E+04	3.52E+04	3.66E+04	9.00E+00	9.00E+00	9.00E+00	1.83E+04	1.80E+04	1.82E+04
551	3-Aminosalicylic acid	Others	1.80E+04	1.73E+04	1.98E+04	9.00E+00	9.00E+00	9.00E+00	9.17E+03	9.26E+03	8.81E+03
552	3-Indolepropionic acid	Others	1.58E+04	1.27E+04	1.34E+04	9.00E+00	9.00E+00	9.00E+00	6.99E+03	6.54E+03	7.14E+03
553	N7-Methylguanosine	Others	9.24E+03	1.68E+04	9.26E+03	9.00E+00	9.00E+00	9.00E+00	5.89E+03	6.52E+03	6.51E+03
554	1-Methyladenine	Others	1.25E+04	1.29E+04	9.79E+03	9.00E+00	9.00E+00	9.00E+00	5.86E+03	5.67E+03	6.34E+03
555	Rosiridin	Others	8.50E+03	8.87E+03	9.32E+03	9.00E+00	9.00E+00	9.00E+00	4.45E+03	4.55E+03	4.35E+03
556	Eucommioside	Others	4.42E+03	5.11E+03	7.29E+03	9.00E+00	9.00E+00	9.00E+00	2.81E+03	3.11E+03	2.39E+03
557	Clove chromone	Others	6.57E+03	3.36E+03	5.16E+03	9.00E+00	9.00E+00	9.00E+00	2.52E+03	2.13E+03	2.49E+03
558	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
559	2-(Formylamino)benzoic acid	Others	1.57E+07	1.56E+07	1.48E+07	1.11E+05	1.20E+05	1.12E+05	7.74E+06	7.66E+06	7.87E+06
560	Cyclic 3',5'-Adenylic acid	Others	8.22E+05	8.70E+05	8.62E+05	5.79E+03	7.57E+03	7.56E+03	4.29E+05	4.37E+05	4.26E+05
561	Guanosine 3',5'-cyclic monophosphate	Others	1.08E+06	1.07E+06	1.16E+06	8.78E+03	1.02E+04	9.50E+03	5.57E+05	5.63E+05	5.42E+05
562	N6-Isopentenyladenine	Others	1.33E+05	1.12E+05	1.27E+05	3.88E+03	4.88E+03	2.65E+03	6.39E+04	6.15E+04	6.35E+04

563	4-Hydroxymandelonitrile	Others	6.79E+05	6.38E+05	5.89E+05	1.94E+04	2.77E+04	2.49E+04	3.30E+05	3.20E+05	3.41E+05
564	Nicotinic acid adenine dinucleotide	Others	6.94E+04	6.17E+04	6.95E+04	4.28E+03	4.83E+03	2.70E+03	3.54E+04	3.47E+04	3.50E+04
565	2'-Deoxyadenosine	Others	1.07E+06	1.03E+06	1.02E+06	7.22E+04	8.19E+04	6.62E+04	5.57E+05	5.49E+05	5.64E+05
566	Nicotinic Acid Methyl Ester(Methyl Nicotinate)	Others	3.74E+05	3.79E+05	3.83E+05	2.77E+04	2.73E+04	2.70E+04	2.03E+05	2.04E+05	2.02E+05
567	Xanthosine	Others	3.47E+05	3.47E+05	3.60E+05	2.06E+04	2.97E+04	3.25E+04	1.90E+05	1.92E+05	1.86E+05
568	Guanosine	Others	6.36E+06	6.55E+06	6.89E+06	4.81E+05	5.45E+05	5.48E+05	3.56E+06	3.63E+06	3.48E+06
569	5,7-Dihydroxychromone	Others	1.01E+05	9.79E+04	9.17E+04	8.22E+03	8.72E+03	8.21E+03	5.27E+04	5.16E+04	5.41E+04
570	2-(Dimethylamino)guanosine	Others	5.26E+05	4.94E+05	4.80E+05	4.01E+04	4.80E+04	4.75E+04	2.73E+05	2.67E+05	2.77E+05
571	Cimidilide	Others	4.75E+04	5.43E+04	4.67E+04	7.71E+03	3.89E+03	8.24E+03	2.81E+04	2.83E+04	2.84E+04
572	3,5,7,4'-Tetrahydroxy-Coumaronochromone	Others	3.88E+04	2.22E+04	3.85E+04	6.40E+03	3.40E+03	4.13E+03	1.89E+04	1.71E+04	1.77E+04
573	5'-Deoxy-5'-(methylthio)adenosine	Others	3.90E+06	3.67E+06	4.00E+06	5.27E+05	5.37E+05	5.96E+05	2.21E+06	2.20E+06	2.16E+06
574	Succinyladenosine	Others	4.93E+05	5.37E+05	4.77E+05	7.25E+04	7.41E+04	7.82E+04	2.89E+05	2.92E+05	2.94E+05
575	Nicotinamide	Others	7.37E+05	7.41E+05	8.26E+05	1.13E+05	1.23E+05	1.11E+05	4.42E+05	4.50E+05	4.29E+05
576	Maltol	Others	6.39E+05	6.69E+05	5.96E+05	1.11E+05	1.12E+05	8.15E+04	3.68E+05	3.65E+05	3.83E+05
577	D-Arabinono-1,4-lactone	Others	2.38E+05	2.47E+05	2.51E+05	4.25E+04	4.35E+04	4.25E+04	1.44E+05	1.46E+05	1.43E+05
578	Ursolic acid	Others	1.22E+04	1.07E+04	9.15E+03	2.08E+03	2.42E+03	1.22E+03	6.30E+03	5.87E+03	6.85E+03
579	Adenosine 5'-diphosphate	Others	3.31E+04	4.65E+04	3.90E+04	5.90E+03	7.52E+03	9.41E+03	2.36E+04	2.56E+04	2.33E+04
580	Sodium Valproate	Others	2.51E+07	2.52E+07	2.54E+07	4.61E+06	5.50E+06	4.86E+06	1.51E+07	1.52E+07	1.51E+07
581	Methoxyindoleacetic acid	Others	7.36E+05	6.73E+05	7.63E+05	1.46E+05	1.44E+05	1.51E+05	4.35E+05	4.32E+05	4.25E+05
582	2-Aminopurine	Others	1.31E+05	1.30E+05	1.07E+05	2.72E+04	2.57E+04	2.32E+04	7.39E+04	7.14E+04	7.84E+04
583	Guanosine 5'-monophosphate	Others	1.35E+05	1.70E+05	1.40E+05	3.54E+04	3.16E+04	2.85E+04	9.02E+04	9.27E+04	9.31E+04
584	NADP (Nicotinamide adenine dinucleotide phosphate)	Others	1.48E+04	1.76E+04	1.35E+04	2.52E+03	4.28E+03	3.06E+03	9.29E+03	9.60E+03	9.80E+03
585	6-Methylmercaptapurine	Others	6.46E+06	6.40E+06	6.54E+06	1.37E+06	1.36E+06	1.44E+06	3.93E+06	3.93E+06	3.90E+06
586	N-Benzylmethylene isomethylamine	Others	2.66E+06	2.72E+06	2.82E+06	6.21E+05	6.21E+05	5.64E+05	1.67E+06	1.68E+06	1.66E+06
587	2'-Deoxyguanosine	Others	5.89E+05	5.83E+05	6.24E+05	1.34E+05	1.24E+05	1.42E+05	3.66E+05	3.68E+05	3.57E+05
588	4-Aminobenzoic acid	Others	3.18E+04	3.04E+04	3.24E+04	7.03E+03	6.91E+03	7.67E+03	1.94E+04	1.93E+04	1.90E+04
589	Xanthine	Others	1.28E+05	1.48E+05	1.69E+05	4.09E+04	3.61E+04	3.24E+04	9.25E+04	9.65E+04	8.84E+04
590	Adenosine	Others	1.98E+06	2.29E+06	2.25E+06	5.38E+05	5.70E+05	5.72E+05	1.37E+06	1.42E+06	1.34E+06
591	9-(Arabinosyl)hypoxanthine	Others	8.89E+04	8.53E+04	9.52E+04	2.08E+04	2.85E+04	2.27E+04	5.69E+04	5.79E+04	5.59E+04
592	Adenine	Others	6.69E+06	6.57E+06	6.54E+06	1.74E+06	1.90E+06	1.79E+06	4.21E+06	4.20E+06	4.23E+06
593	3-Hydroxypropyl palmitate glc-glucosamine	Others	2.18E+05	2.46E+05	2.12E+05	6.02E+04	6.13E+04	6.70E+04	1.44E+05	1.47E+05	1.46E+05
594	Indole	Others	4.97E+04	3.76E+04	4.28E+04	1.25E+04	1.33E+04	1.07E+04	2.78E+04	2.61E+04	2.83E+04
595	5,6-Dihydroxyindole-5-O-β-glucoside	Others	1.98E+05	1.96E+05	1.76E+05	5.88E+04	4.93E+04	5.92E+04	1.23E+05	1.20E+05	1.26E+05
596	Uridine 5'-monophosphate	Others	2.04E+05	2.16E+05	2.33E+05	7.04E+04	9.11E+04	9.00E+04	1.51E+05	1.58E+05	1.46E+05
597	Cytidine 5'-monophosphate(Cytidylic acid)	Others	6.97E+04	7.33E+04	5.76E+04	2.50E+04	2.15E+04	3.09E+04	4.63E+04	4.58E+04	4.74E+04
598	Histidinol	Others	6.22E+06	5.97E+06	6.34E+06	2.75E+06	2.50E+06	2.50E+06	4.38E+06	4.33E+06	4.36E+06
599	6'-O-Glucosylaucubin	Others	1.17E+04	8.01E+03	1.26E+04	4.74E+03	4.73E+03	4.54E+03	7.71E+03	7.46E+03	7.28E+03
600	Adenosine 5'-monophosphate	Others	1.51E+06	1.48E+06	1.64E+06	6.98E+05	6.68E+05	6.69E+05	1.11E+06	1.11E+06	1.09E+06
601	O-Phosphorylethanolamine	Others	5.26E+04	5.17E+04	4.82E+04	2.42E+04	2.13E+04	2.16E+04	3.66E+04	3.57E+04	3.75E+04
602	Pyridoxine	Others	1.24E+06	1.33E+06	1.23E+06	5.63E+05	5.63E+05	5.57E+05	9.14E+05	9.20E+05	9.23E+05
603	N-Oleoylethanolamine	Others	5.80E+05	5.73E+05	5.67E+05	2.61E+05	2.65E+05	2.46E+05	4.15E+05	4.13E+05	4.20E+05
604	Spermine	Others	2.72E+07	2.75E+07	2.43E+07	1.27E+07	1.16E+07	1.17E+07	1.91E+07	1.87E+07	1.97E+07
605	Acetylcholine	Others	3.43E+05	3.15E+05	3.01E+05	1.51E+05	1.78E+05	1.33E+05	2.37E+05	2.32E+05	2.47E+05
606	2'-Deoxyinosine-5'-monophosphate	Others	9.20E+06	1.02E+07	9.70E+06	4.57E+06	4.84E+06	4.72E+06	7.20E+06	7.36E+06	7.20E+06

607	DL-2-Aminoadipic acid	Others	8.35E+05	8.72E+05	1.12E+06	4.64E+05	4.99E+05	4.38E+05	7.05E+05	7.33E+05	6.67E+05
608	Hypoxanthine	Others	4.01E+04	4.37E+04	3.72E+04	2.30E+04	1.99E+04	1.72E+04	3.02E+04	2.95E+04	3.17E+04
609	2-Deoxyribose-5'-phosphate	Others	9.99E+05	9.28E+05	9.56E+05	4.89E+05	4.90E+05	4.83E+05	7.24E+05	7.14E+05	7.26E+05
610	Choline	Others	1.13E+07	1.21E+07	1.16E+07	5.77E+06	6.01E+06	6.05E+06	8.82E+06	8.95E+06	8.81E+06
611	β-Nicotinamide mononucleotide	Others	2.41E+05	2.72E+05	2.79E+05	1.12E+05	1.38E+05	1.62E+05	2.01E+05	2.13E+05	1.91E+05
612	Uridine	Others	7.30E+05	6.42E+05	6.48E+05	3.75E+05	3.16E+05	3.81E+05	5.15E+05	4.97E+05	5.16E+05
613	Sarmentosin	Others	8.14E+05	8.23E+05	7.95E+05	4.51E+05	4.20E+05	4.51E+05	6.26E+05	6.22E+05	6.27E+05
614	5-Methyluridine	Others	8.08E+03	5.80E+03	8.36E+03	2.90E+03	4.86E+03	4.39E+03	5.73E+03	5.85E+03	5.41E+03
615	Piperidine	Others	1.41E+06	1.49E+06	1.47E+06	8.58E+05	8.34E+05	8.04E+05	1.14E+06	1.15E+06	1.15E+06
616	Allopurinol	Others	2.64E+04	3.20E+04	2.80E+04	1.37E+04	1.83E+04	1.79E+04	2.27E+04	2.40E+04	2.26E+04
617	D-Pantothenic Acid	Others	5.97E+05	5.75E+05	5.95E+05	3.57E+05	3.27E+05	3.38E+05	4.65E+05	4.59E+05	4.64E+05
618	O-Phosphocholine	Others	1.46E+06	1.52E+06	1.43E+06	8.64E+05	9.58E+05	7.60E+05	1.17E+06	1.17E+06	1.20E+06
619	Isoguanine	Others	1.37E+05	1.41E+05	1.45E+05	8.43E+04	8.54E+04	7.75E+04	1.12E+05	1.12E+05	1.12E+05
620	5-Aminoimidazole ribonucleotide	Others	1.37E+06	1.35E+06	1.48E+06	7.94E+05	1.04E+06	6.94E+05	1.12E+06	1.14E+06	1.14E+06
621	Guanine	Others	3.43E+05	3.51E+05	3.51E+05	1.95E+05	2.13E+05	2.25E+05	2.80E+05	2.85E+05	2.76E+05
622	Indole 3-acetic acid (IAA)	Others	3.17E+04	2.90E+04	2.61E+04	1.66E+04	1.95E+04	1.86E+04	2.36E+04	2.33E+04	2.42E+04
623	6-Deoxyfagomine	Others	1.64E+06	1.58E+06	1.59E+06	9.84E+05	1.08E+06	9.77E+05	1.31E+06	1.31E+06	1.32E+06
624	2'-Deoxycytidine	Others	1.18E+05	1.34E+05	1.22E+05	8.18E+04	8.09E+04	7.67E+04	1.02E+05	1.03E+05	1.04E+05
625	5-Methylcytosine	Others	1.16E+04	7.95E+03	7.04E+03	5.27E+03	5.34E+03	7.19E+03	7.39E+03	6.88E+03	7.53E+03
626	2-Deoxyribose-1-phosphate	Others	3.45E+05	3.78E+05	2.52E+05	2.09E+05	2.78E+05	1.71E+05	2.72E+05	2.70E+05	3.02E+05
627	Phenylethanolamine	Others	2.83E+05	2.89E+05	2.93E+05	2.06E+05	1.89E+05	1.89E+05	2.42E+05	2.40E+05	2.42E+05
628	5-Hydroxymethylfurfural	Others	6.75E+05	8.33E+05	6.23E+05	4.26E+05	5.34E+05	4.79E+05	5.95E+05	6.17E+05	6.17E+05
629	Cocamidopropyl betaine	Others	8.61E+03	9.44E+03	7.28E+03	5.40E+03	6.78E+03	5.70E+03	7.20E+03	7.30E+03	7.56E+03
630	Palmitaldehyde	Others	5.29E+06	3.88E+06	3.49E+06	2.59E+06	3.65E+06	2.76E+06	3.61E+06	3.44E+06	3.85E+06
631	L-Tyramine	Others	6.38E+05	6.44E+05	7.32E+05	4.54E+05	4.62E+05	5.21E+05	5.75E+05	5.90E+05	5.49E+05
632	Riboflavin	Others	9.93E+04	1.05E+05	1.23E+05	9.07E+04	8.25E+04	8.69E+04	9.78E+04	9.93E+04	9.44E+04
633	β-Pseudouridine	Others	5.05E+04	5.39E+04	6.90E+04	4.63E+04	5.64E+04	4.78E+04	5.40E+04	5.68E+04	5.17E+04
634	4-Methyl-5-thiazoleethanol	Others	3.58E+03	5.47E+03	5.14E+03	4.76E+03	3.75E+03	3.84E+03	4.42E+03	4.55E+03	4.39E+03
635	Cadaverine	Others	4.63E+05	5.19E+05	4.56E+05	4.13E+05	4.18E+05	4.23E+05	4.49E+05	4.54E+05	4.54E+05
636	Uracil	Others	3.37E+05	3.07E+05	3.47E+05	3.02E+05	2.78E+05	2.88E+05	3.10E+05	3.05E+05	3.06E+05
637	4-Nitrophenol	Others	1.54E+07	1.45E+07	1.57E+07	1.60E+07	1.68E+07	1.52E+07	1.56E+07	1.56E+07	1.57E+07
638	Agmatine	Others	6.20E+04	6.33E+04	6.45E+04	6.50E+04	6.18E+04	7.32E+04	6.50E+04	6.57E+04	6.30E+04
639	N-Lauryldiethanolamine	Others	1.66E+04	1.29E+04	1.06E+04	1.00E+04	1.60E+04	1.66E+04	1.38E+04	1.40E+04	1.39E+04
640	N-Acetylputrescine	Others	6.15E+04	6.01E+04	6.60E+04	7.73E+04	6.75E+04	6.67E+04	6.65E+04	6.51E+04	6.66E+04
641	N1,N8-Bis(sinapoyl)spermidine	Others	8.18E+04	9.75E+04	8.87E+04	9.75E+04	1.24E+05	1.05E+05	9.91E+04	1.04E+05	1.00E+05
642	7-Methylguanine	Others	1.10E+04	7.94E+03	9.89E+03	8.62E+03	1.68E+04	1.34E+04	1.13E+04	1.20E+04	1.11E+04
643	Uridine 5'-diphospho-D-glucose	Others	2.13E+05	1.97E+05	1.82E+05	2.64E+05	2.70E+05	2.69E+05	2.32E+05	2.29E+05	2.36E+05
644	Isopentenyladenine-7-N-glucoside	Others	1.29E+05	1.38E+05	1.21E+05	1.68E+05	2.22E+05	2.35E+05	1.69E+05	1.79E+05	1.64E+05
645	Cytidine	Others	2.85E+06	2.75E+06	2.93E+06	4.71E+06	4.57E+06	4.60E+06	3.74E+06	3.71E+06	3.72E+06
646	Nicotianamine	Others	7.32E+04	8.40E+04	9.70E+04	1.40E+05	1.28E+05	1.58E+05	1.13E+05	1.17E+05	1.06E+05
647	Cytosine	Others	4.95E+05	4.83E+05	4.54E+05	8.65E+05	8.56E+05	7.97E+05	6.58E+05	6.47E+05	6.74E+05
648	Histamine	Others	2.73E+05	3.09E+05	2.71E+05	5.56E+05	5.07E+05	5.32E+05	4.08E+05	4.05E+05	4.11E+05
649	Anthranilate-1-O-Sophoroside	Others	2.35E+05	2.48E+05	2.41E+05	4.77E+05	4.86E+05	4.97E+05	3.64E+05	3.68E+05	3.62E+05
650	L-Ascorbic acid	Others	1.83E+04	2.34E+04	2.23E+04	3.94E+04	4.84E+04	4.54E+04	3.29E+04	3.49E+04	3.24E+04

651	D-Pinitol	Others	7.09E+04	7.76E+04	6.91E+04	1.46E+05	1.70E+05	1.68E+05	1.17E+05	1.21E+05	1.16E+05
652	27,28-Dicarboxyl ursolic acid	Others	6.23E+03	9.72E+03	6.57E+03	1.70E+04	1.93E+04	1.37E+04	1.21E+04	1.23E+04	1.31E+04
653	Thymidine	Others	2.06E+05	1.88E+05	1.95E+05	4.46E+05	4.45E+05	4.92E+05	3.29E+05	3.30E+05	3.22E+05
654	3,5-Dihydroxy-2,4-dimethoxy-9H-fluoren-9-one	Others	1.07E+04	1.23E+04	1.30E+04	3.02E+04	2.83E+04	3.28E+04	2.12E+04	2.16E+04	2.04E+04
655	Pyridoxine-5'-O-glucoside	Others	3.90E+05	3.72E+05	4.20E+05	9.60E+05	1.01E+06	1.08E+06	7.05E+05	7.19E+05	6.83E+05
656	2'-Deoxyadenosine-5'-monophosphate	Others	1.14E+05	1.12E+05	1.15E+05	2.85E+05	3.26E+05	3.21E+05	2.12E+05	2.18E+05	2.09E+05
657	4-Pyridoxic acid	Others	2.38E+04	2.37E+04	2.70E+04	7.71E+04	6.96E+04	7.67E+04	4.96E+04	4.92E+04	4.85E+04
658	Diethanolamine	Others	5.74E+04	5.89E+04	6.25E+04	2.20E+05	2.07E+05	2.20E+05	1.38E+05	1.37E+05	1.36E+05
659	1-methylguanidine	Others	6.66E+03	6.47E+03	8.90E+03	2.67E+04	2.93E+04	2.69E+04	1.75E+04	1.79E+04	1.73E+04
660	Betaine	Others	5.91E+05	6.69E+05	6.27E+05	2.59E+06	2.44E+06	2.34E+06	1.54E+06	1.52E+06	1.57E+06
661	Anthranilic Acid	Others	1.05E+04	1.58E+04	1.44E+04	5.10E+04	5.56E+04	5.35E+04	3.35E+04	3.48E+04	3.32E+04
662	Benzamide	Others	7.90E+04	7.58E+04	7.63E+04	3.32E+05	3.45E+05	3.28E+05	2.06E+05	2.06E+05	2.08E+05
663	Phenethylamine	Others	2.43E+05	2.51E+05	2.95E+05	1.16E+06	1.26E+06	1.25E+06	7.43E+05	7.65E+05	7.28E+05
664	Uridine 5'-diphospho-N-acetylglucosamine	Others	1.84E+04	1.85E+04	1.75E+04	8.73E+04	7.75E+04	9.26E+04	5.19E+04	5.15E+04	5.04E+04
665	Indole-3-carboxylic acid	Others	6.69E+04	5.77E+04	5.18E+04	3.55E+05	3.55E+05	3.59E+05	2.08E+05	2.06E+05	2.09E+05
666	Indole-5-carboxylic acid	Others	1.61E+04	1.31E+04	1.37E+04	1.05E+05	1.05E+05	8.78E+04	5.68E+04	5.50E+04	5.98E+04
667	Oleoside 11-methyl ester	Others	3.22E+03	4.93E+03	3.65E+03	3.38E+04	3.53E+04	3.35E+04	1.91E+04	1.93E+04	1.93E+04
668	Nicotinate D-ribonucleoside	Others	1.57E+05	1.47E+05	1.21E+05	1.15E+06	1.29E+06	1.28E+06	6.89E+05	7.09E+05	6.85E+05
669	Eucommiol	Others	2.78E+05	3.04E+05	3.14E+05	3.35E+06	4.21E+06	3.32E+06	1.96E+06	2.04E+06	2.04E+06
670	D-Proline betaine	Others	1.33E+04	1.63E+04	1.60E+04	2.27E+05	2.08E+05	1.96E+05	1.13E+05	1.09E+05	1.16E+05
671	Acetryptine	Others	7.53E+03	8.02E+03	5.55E+03	1.66E+05	1.44E+05	1.69E+05	8.35E+04	8.18E+04	8.14E+04
672	domesticoside	Others	3.30E+05	3.70E+05	3.47E+05	2.04E+07	2.07E+07	2.07E+07	1.05E+07	1.05E+07	1.05E+07
673	Pyrocatechol	Others	9.00E+00	9.00E+00	9.00E+00	4.41E+04	3.35E+04	4.05E+04	1.97E+04	1.85E+04	1.94E+04
674	1-Methylpiperidine-2-carboxylic acid	Others	9.00E+00	9.00E+00	9.00E+00	3.33E+05	3.78E+05	4.13E+05	1.87E+05	1.98E+05	1.78E+05
675	N-Feruloylagmatine	Others	9.00E+00	9.00E+00	9.00E+00	5.48E+05	4.78E+05	5.53E+05	2.63E+05	2.58E+05	2.57E+05
676	Rhodiocyanoside A	Others	9.00E+00	9.00E+00	9.00E+00	2.11E+06	2.22E+06	2.21E+06	1.09E+06	1.11E+06	1.08E+06
677	Cotinine; (S)-1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone	Others	9.00E+00	9.00E+00	9.00E+00	3.52E+06	3.82E+06	3.79E+06	1.86E+06	1.90E+06	1.84E+06
678	Tryptamine	Others	9.00E+00	9.00E+00	9.00E+00	4.16E+06	4.62E+06	5.10E+06	2.31E+06	2.43E+06	2.19E+06
679	N-Hydroxytryptamine	Others	9.00E+00	9.00E+00	9.00E+00	4.84E+07	5.55E+07	5.50E+07	2.65E+07	2.76E+07	2.60E+07
680	Serotonin	Others	9.00E+00	9.00E+00	9.00E+00	5.28E+07	6.13E+07	6.43E+07	2.97E+07	3.14E+07	2.85E+07