

Sample Na Group	1,25-Dihyd	1-Methylac	1-Methylac	1-Methylhi	1-Methylni	1-Pyrroline	11,12-DiHE
169135_af Affected	N/A	N/A	4.29E+06	3.38E+07	N/A	N/A	N/A
172758_af Affected	N/A	N/A	1.23E+07	4.82E+07	N/A	N/A	N/A
177141_af Affected	N/A	N/A	6.01E+06	2.44E+07	N/A	N/A	N/A
184773_af Affected	N/A	N/A	4.15E+06	9.57E+06	N/A	N/A	N/A
248322_af Affected	N/A	N/A	9.43E+06	5.56E+07	N/A	N/A	N/A
154191_cti Control	N/A	N/A	7.44E+06	2.47E+07	N/A	N/A	N/A
189890_cti Control	N/A	N/A	4.35E+06	1.92E+07	N/A	N/A	N/A
245123_cti Control	N/A	N/A	1.28E+06	1.24E+06	N/A	N/A	N/A
245517_cti Control	N/A	N/A	5.13E+06	1.70E+07	N/A	N/A	N/A
246915_cti Control	N/A	N/A	4.38E+06	4.12E+06	N/A	N/A	N/A
247052_cti Control	N/A	N/A	2.38E+06	1.50E+07	N/A	N/A	N/A
247053_cti Control	N/A	N/A	8.39E+06	2.65E+07	N/A	N/A	N/A
247447_cti Control	N/A	N/A	7.54E+06	1.48E+07	N/A	N/A	N/A
247536_cti Control	N/A	N/A	1.82E+07	1.88E+07	N/A	N/A	N/A
251490_cti Control	N/A	N/A	7.18E+05	2.23E+06	N/A	N/A	N/A
252758_cti Control	N/A	N/A	1.03E+06	3.80E+06	N/A	N/A	N/A
253842_cti Control	N/A	N/A	1.47E+06	3.17E+06	N/A	N/A	N/A
253843_cti Control	N/A	N/A	2.34E+06	9.31E+06	N/A	N/A	N/A
254517_cti Control	N/A	N/A	6.08E+06	2.25E+07	N/A	N/A	N/A
254664_cti Control	N/A	N/A	1.60E+07	7.78E+06	N/A	N/A	N/A
254735_cti Control	N/A	N/A	1.07E+06	3.81E+06	N/A	N/A	N/A

11,12-Epo	11-Dehydr	11-HETE	12-HETE	13,14-Dihy	13S-hydro	14,15-DHE	14,15-Epo	15-HETE
9.51E+04	N/A	1.68E+05	5.67E+06	N/A	7.52E+06	N/A	9.06E+04	1.25E+05
9.35E+05	N/A	1.58E+06	1.77E+06	N/A	4.70E+06	N/A	5.18E+05	6.47E+05
6.75E+04	N/A	1.40E+05	1.43E+05	N/A	1.67E+06	N/A	9.13E+04	1.10E+05
9.31E+04	N/A	1.48E+05	7.62E+05	N/A	5.39E+06	N/A	3.64E+05	5.69E+05
6.00E+04	N/A	9.17E+04	1.16E+06	N/A	1.75E+06	N/A	5.88E+04	6.75E+04
8.96E+04	N/A	1.22E+05	6.35E+05	N/A	2.71E+06	N/A	4.95E+04	4.89E+04
1.75E+04	N/A	3.88E+04	1.35E+05	N/A	6.35E+05	N/A	1.67E+04	2.09E+04
1.30E+06	N/A	2.02E+06	1.13E+07	N/A	1.89E+07	N/A	1.04E+06	1.20E+06
3.96E+04	N/A	6.93E+04	8.93E+05	N/A	2.94E+06	N/A	3.39E+04	4.55E+04
1.41E+06	N/A	2.36E+06	1.85E+06	N/A	2.12E+07	N/A	1.01E+06	1.25E+06
4.94E+04	N/A	9.30E+04	5.37E+05	N/A	2.03E+06	N/A	5.13E+04	5.18E+04
6.81E+04	N/A	1.54E+05	1.47E+06	N/A	2.16E+06	N/A	6.42E+04	1.11E+05
4.68E+04	N/A	6.96E+04	3.12E+05	N/A	6.42E+05	N/A	3.30E+04	5.11E+04
1.16E+05	N/A	2.00E+05	7.49E+05	N/A	8.72E+05	N/A	5.71E+04	9.82E+04
8.28E+04	N/A	1.24E+05	1.09E+06	N/A	5.13E+06	N/A	5.66E+04	7.27E+04
1.30E+05	N/A	1.68E+05	7.43E+06	N/A	5.24E+07	N/A	6.20E+04	1.08E+05
2.88E+04	N/A	4.72E+04	6.01E+05	N/A	2.82E+06	N/A	1.70E+04	2.72E+04
7.84E+04	N/A	1.11E+05	4.56E+05	N/A	2.84E+06	N/A	4.24E+04	5.94E+04
4.14E+04	N/A	9.82E+04	2.42E+06	N/A	4.67E+06	N/A	4.61E+04	6.60E+04
3.35E+05	N/A	5.23E+05	1.78E+07	N/A	3.33E+07	N/A	4.36E+05	5.04E+05
1.99E+05	N/A	3.30E+05	4.29E+06	N/A	7.20E+06	N/A	1.93E+05	2.34E+05

2,3-Diphos 2-Arachido 2-Deoxygu. 2-Deoxyinc 2-Hydroxy- 2-Hydroxyξ 2-Isopropy 2-Keto-L-gl 2-Ketobuty

3.51E+04	2.19E+05	N/A	N/A	5.46E+05	2.16E+06	N/A	1.47E+05	4.62E+07
6.09E+04	2.32E+05	N/A	N/A	2.61E+06	1.06E+06	N/A	6.21E+05	3.42E+07
1.02E+05	4.23E+05	N/A	N/A	4.41E+06	4.28E+06	N/A	2.03E+05	3.83E+07
2.60E+04	4.11E+04	N/A	N/A	8.92E+05	2.32E+06	N/A	2.93E+05	3.41E+07
3.95E+04	1.04E+05	N/A	N/A	8.62E+06	5.28E+06	N/A	1.56E+05	2.37E+07
3.39E+04	1.14E+05	N/A	N/A	6.65E+06	3.02E+07	N/A	1.61E+05	1.76E+07
1.54E+04	2.06E+05	N/A	N/A	5.42E+06	9.17E+06	N/A	1.14E+05	2.45E+07
3.21E+03	3.53E+05	N/A	N/A	8.33E+05	1.30E+06	N/A	7.26E+05	4.21E+07
6.88E+04	9.37E+04	N/A	N/A	1.88E+06	4.93E+06	N/A	1.89E+05	3.38E+07
1.12E+04	2.63E+03	N/A	N/A	4.39E+05	1.11E+06	N/A	2.81E+05	3.72E+07
3.71E+04	2.61E+05	N/A	N/A	1.26E+06	4.16E+06	N/A	1.33E+05	3.84E+07
8.13E+04	2.23E+05	N/A	N/A	2.30E+06	2.29E+06	N/A	4.49E+05	3.37E+07
1.50E+04	1.11E+05	N/A	N/A	1.64E+06	4.91E+06	N/A	5.62E+05	3.09E+07
3.60E+04	2.60E+04	N/A	N/A	5.34E+06	2.13E+06	N/A	3.71E+05	2.93E+07
2.88E+03	1.14E+05	N/A	N/A	2.35E+05	1.15E+06	N/A	1.59E+05	4.81E+07
3.70E+03	2.60E+03	N/A	N/A	2.22E+05	1.53E+06	N/A	8.31E+05	3.06E+07
7.17E+03	1.18E+05	N/A	N/A	2.73E+05	1.67E+06	N/A	6.01E+05	4.44E+07
1.58E+04	1.18E+05	N/A	N/A	1.25E+06	1.51E+06	N/A	2.56E+05	3.36E+07
8.48E+04	1.10E+05	N/A	N/A	2.37E+06	4.96E+06	N/A	1.55E+05	3.28E+07
3.19E+04	8.33E+04	N/A	N/A	6.41E+06	1.28E+06	N/A	2.76E+05	3.82E+07
8.76E+03	3.95E+04	N/A	N/A	2.73E+05	1.27E+06	N/A	1.99E+05	4.30E+07

2-Ketohexa 2-Methylci 2-Octenoyl 2-Picolinic 2-Pyrocate 20-Hydroxy 24,25-Dihy 24,25-Epo 3, 5-Tetrad

N/A	2.19E+05	4.21E+07	4.95E+05	N/A	5.83E+06	N/A	N/A	1.35E+05
N/A	4.37E+05	2.10E+07	4.21E+05	N/A	3.68E+06	N/A	N/A	2.27E+05
N/A	5.62E+05	4.98E+06	3.86E+05	N/A	6.73E+05	N/A	N/A	1.12E+05
N/A	2.62E+05	4.86E+06	3.87E+05	N/A	1.97E+06	N/A	N/A	9.40E+04
N/A	4.34E+05	5.50E+07	3.34E+05	N/A	1.43E+06	N/A	N/A	4.45E+05
N/A	1.31E+05	1.07E+09	3.81E+05	N/A	8.35E+05	N/A	N/A	3.38E+06
N/A	2.62E+05	1.06E+08	4.09E+05	N/A	4.39E+05	N/A	N/A	3.69E+06
N/A	1.86E+05	3.57E+06	1.23E+06	N/A	1.75E+07	N/A	N/A	1.01E+05
N/A	2.14E+05	5.96E+08	3.41E+05	N/A	1.09E+06	N/A	N/A	3.62E+05
N/A	2.06E+05	8.30E+06	4.81E+05	N/A	8.86E+06	N/A	N/A	3.79E+05
N/A	1.50E+05	1.24E+08	4.16E+05	N/A	1.06E+06	N/A	N/A	1.14E+06
N/A	3.40E+05	2.07E+07	3.05E+05	N/A	1.68E+06	N/A	N/A	4.05E+05
N/A	2.88E+05	4.38E+08	4.77E+05	N/A	5.52E+05	N/A	N/A	1.54E+06
N/A	1.35E+05	1.29E+07	2.52E+05	N/A	1.66E+06	N/A	N/A	2.81E+05
N/A	1.18E+05	1.60E+06	6.59E+05	N/A	1.52E+06	N/A	N/A	1.08E+05
N/A	1.90E+05	8.38E+06	5.57E+05	N/A	7.63E+06	N/A	N/A	6.27E+05
N/A	1.67E+05	2.07E+07	5.22E+05	N/A	8.84E+05	N/A	N/A	3.66E+05
N/A	1.51E+05	1.48E+08	5.61E+05	N/A	7.88E+05	N/A	N/A	5.28E+05
N/A	1.56E+05	7.33E+08	3.46E+05	N/A	2.63E+06	N/A	N/A	8.17E+05
N/A	2.55E+05	1.21E+07	3.32E+05	N/A	1.71E+07	N/A	N/A	7.47E+05
N/A	1.61E+05	9.25E+06	8.19E+05	N/A	5.16E+06	N/A	N/A	2.05E+05

3-Aminoisc 3-Hydroxy- 3-Hydroxyç 3-Hydroxyç 3-Hydroxył 3-Hydroxył 3-Hydroxył 3-Hydroxył 3-Hydroxył 3-Hydroxył

N/A	7.63E+05	N/A	6.45E+06	8.05E+07	1.90E+07	N/A	9.23E+07	2.95E+05
N/A	1.26E+06	N/A	3.50E+07	9.39E+07	3.44E+07	N/A	1.96E+08	8.31E+04
N/A	5.67E+05	N/A	3.55E+06	7.30E+07	2.19E+07	N/A	1.83E+08	2.32E+05
N/A	3.01E+05	N/A	3.65E+06	2.66E+07	9.65E+06	N/A	8.00E+07	4.91E+04
N/A	2.08E+06	N/A	2.79E+07	3.23E+08	2.09E+08	N/A	1.91E+08	2.19E+05
N/A	8.48E+07	N/A	1.84E+08	7.33E+08	7.41E+08	N/A	1.25E+08	4.23E+05
N/A	2.72E+07	N/A	1.32E+08	4.05E+08	3.95E+08	N/A	1.04E+08	1.09E+06
N/A	1.52E+05	N/A	4.72E+05	6.53E+06	2.77E+06	N/A	8.79E+05	2.22E+06
N/A	1.52E+06	N/A	2.80E+07	1.43E+08	7.08E+07	N/A	8.50E+07	4.59E+04
N/A	1.57E+06	N/A	1.37E+07	8.89E+07	6.08E+07	N/A	3.06E+07	9.38E+06
N/A	4.47E+06	N/A	7.77E+07	2.68E+08	2.74E+08	N/A	1.12E+08	4.06E+05
N/A	1.42E+07	N/A	4.87E+07	5.40E+08	3.27E+08	N/A	1.01E+08	7.96E+05
N/A	1.55E+07	N/A	4.91E+07	2.85E+08	2.03E+08	N/A	1.35E+08	9.99E+04
N/A	1.63E+06	N/A	1.92E+07	1.71E+08	4.63E+07	N/A	2.10E+08	2.89E+04
N/A	1.81E+05	N/A	1.15E+06	6.45E+06	2.30E+06	N/A	7.71E+06	2.64E+05
N/A	2.93E+07	N/A	5.25E+07	3.55E+08	4.57E+08	N/A	5.58E+07	1.78E+05
N/A	5.36E+06	N/A	5.31E+07	2.59E+08	2.34E+08	N/A	2.73E+07	6.88E+05
N/A	6.56E+06	N/A	5.20E+07	3.70E+08	3.14E+08	N/A	1.09E+08	5.31E+04
N/A	2.51E+06	N/A	3.84E+07	2.19E+08	1.40E+08	N/A	1.06E+08	2.70E+05
N/A	1.60E+07	N/A	7.78E+07	3.03E+08	2.53E+08	N/A	1.71E+08	9.61E+04
N/A	9.75E+05	N/A	7.70E+06	7.78E+07	2.04E+07	N/A	1.58E+07	1.08E+05

3-Hydroxy-3-Methylthio-3-Phospho-3-methylpentan-4,5-Dihydroxy-4-Hydroxy-4-Hydroxy-4-Hydroxy-4-Hydroxy-4-Hydroxy

1.02E+06 N/A	1.50E+06	3.13E+06 N/A	9.85E+05 N/A	3.51E+06 N/A
1.28E+06 N/A	6.72E+06	6.80E+05 N/A	2.56E+06 N/A	8.53E+06 N/A
1.27E+06 N/A	1.14E+06	2.67E+05 N/A	3.81E+06 N/A	7.44E+06 N/A
5.09E+05 N/A	1.01E+06	3.41E+05 N/A	2.74E+06 N/A	4.30E+06 N/A
1.71E+07 N/A	2.13E+05	9.49E+05 N/A	3.65E+06 N/A	1.38E+07 N/A
5.02E+07 N/A	2.98E+05	1.06E+06 N/A	2.43E+06 N/A	4.11E+06 N/A
2.52E+07 N/A	2.75E+06	2.84E+05 N/A	4.66E+06 N/A	3.58E+06 N/A
2.34E+05 N/A	9.17E+04	2.98E+06 N/A	5.36E+05 N/A	3.09E+05 N/A
3.26E+06 N/A	1.31E+06	6.01E+05 N/A	1.66E+06 N/A	4.54E+06 N/A
3.72E+06 N/A	1.00E+05	1.79E+05 N/A	1.68E+06 N/A	2.92E+06 N/A
1.90E+07 N/A	6.80E+05	4.68E+05 N/A	1.26E+06 N/A	2.06E+06 N/A
2.24E+07 N/A	2.35E+05	1.59E+06 N/A	2.38E+06 N/A	5.31E+06 N/A
8.87E+06 N/A	5.04E+05	2.83E+07 N/A	2.09E+06 N/A	5.99E+06 N/A
1.83E+06 N/A	1.28E+06	6.65E+07 N/A	3.71E+06 N/A	9.77E+06 N/A
1.75E+05 N/A	9.24E+04	2.17E+05 N/A	1.06E+06 N/A	6.47E+05 N/A
2.67E+07 N/A	6.66E+05	2.63E+05 N/A	1.09E+06 N/A	1.53E+06 N/A
9.31E+06 N/A	7.26E+05	1.83E+05 N/A	1.20E+06 N/A	1.11E+06 N/A
1.98E+07 N/A	1.08E+06	3.58E+05 N/A	1.68E+06 N/A	3.69E+06 N/A
1.14E+07 N/A	4.26E+05	1.21E+06 N/A	2.14E+06 N/A	4.54E+06 N/A
1.15E+07 N/A	4.25E+05	2.87E+05 N/A	3.73E+06 N/A	8.19E+06 N/A
1.01E+06 N/A	1.76E+05	3.83E+05 N/A	3.96E+06 N/A	2.03E+06 N/A

4-Pyridoxic	5,6-DHET	5,6-trans-2	5-HETE	5-Hydroxy-	5-Hydroxyi	5-Methylte	5-Methylth	5-Thymidyl
N/A	N/A	N/A	3.88E+04	N/A	N/A	2.43E+05	7.47E+06	N/A
N/A	N/A	N/A	1.40E+05	N/A	N/A	1.69E+03	6.71E+05	N/A
N/A	N/A	N/A	5.20E+04	N/A	N/A	8.38E+04	8.96E+06	N/A
N/A	N/A	N/A	3.25E+04	N/A	N/A	5.19E+03	4.33E+06	N/A
N/A	N/A	N/A	4.99E+04	N/A	N/A	5.80E+04	4.64E+06	N/A
N/A	N/A	N/A	2.74E+04	N/A	N/A	2.09E+03	1.13E+06	N/A
N/A	N/A	N/A	1.91E+04	N/A	N/A	2.42E+03	9.41E+06	N/A
N/A	N/A	N/A	7.26E+05	N/A	N/A	5.49E+02	3.18E+05	N/A
N/A	N/A	N/A	2.59E+04	N/A	N/A	1.36E+03	7.74E+06	N/A
N/A	N/A	N/A	8.81E+05	N/A	N/A	1.24E+03	3.39E+05	N/A
N/A	N/A	N/A	7.45E+04	N/A	N/A	1.06E+03	8.43E+06	N/A
N/A	N/A	N/A	6.44E+04	N/A	N/A	1.25E+04	4.91E+05	N/A
N/A	N/A	N/A	3.49E+04	N/A	N/A	2.18E+03	5.96E+06	N/A
N/A	N/A	N/A	9.18E+04	N/A	N/A	1.52E+03	1.68E+06	N/A
N/A	N/A	N/A	1.12E+05	N/A	N/A	7.67E+02	6.17E+05	N/A
N/A	N/A	N/A	5.91E+04	N/A	N/A	1.12E+03	1.21E+06	N/A
N/A	N/A	N/A	2.29E+04	N/A	N/A	1.57E+03	1.74E+06	N/A
N/A	N/A	N/A	7.03E+04	N/A	N/A	1.22E+03	6.03E+06	N/A
N/A	N/A	N/A	2.84E+04	N/A	N/A	6.51E+02	2.28E+06	N/A
N/A	N/A	N/A	1.72E+05	N/A	N/A	2.23E+03	8.08E+05	N/A
N/A	N/A	N/A	1.15E+05	N/A	N/A	4.56E+02	1.21E+06	N/A

5alpha-Chc 6-Phospho; 7-Dehydro; 7-Methylgl; 7-ketochol; 7-methylgl; 8,9-DiHETr; 8,9-Epoxye; 8-HETE

N/A	1.01E+05	N/A	N/A	N/A	1.72E+06	N/A	1.94E+04	6.05E+04
N/A	7.30E+05	N/A	N/A	N/A	3.72E+06	N/A	5.88E+04	7.11E+04
N/A	5.92E+05	N/A	N/A	N/A	2.72E+06	N/A	2.41E+04	2.77E+04
N/A	9.87E+04	N/A	N/A	N/A	1.52E+06	N/A	2.39E+04	3.34E+04
N/A	4.18E+05	N/A	N/A	N/A	4.82E+06	N/A	1.57E+04	3.07E+04
N/A	2.47E+05	N/A	N/A	N/A	3.05E+06	N/A	2.67E+04	2.43E+04
N/A	3.26E+05	N/A	N/A	N/A	2.78E+06	N/A	2.14E+04	2.22E+04
N/A	1.16E+04	N/A	N/A	N/A	2.38E+05	N/A	2.51E+05	5.38E+05
N/A	5.03E+05	N/A	N/A	N/A	2.20E+06	N/A	1.06E+04	2.34E+04
N/A	3.69E+04	N/A	N/A	N/A	1.24E+06	N/A	2.96E+05	4.85E+05
N/A	1.44E+05	N/A	N/A	N/A	1.94E+06	N/A	1.11E+04	3.20E+04
N/A	2.76E+05	N/A	N/A	N/A	4.14E+06	N/A	2.09E+04	3.00E+04
N/A	1.53E+05	N/A	N/A	N/A	3.09E+06	N/A	2.70E+04	3.65E+04
N/A	1.45E+05	N/A	N/A	N/A	6.66E+06	N/A	3.51E+04	4.68E+04
N/A	3.63E+04	N/A	N/A	N/A	4.66E+05	N/A	2.40E+04	2.68E+04
N/A	9.53E+04	N/A	N/A	N/A	7.01E+05	N/A	3.87E+04	8.92E+04
N/A	4.66E+04	N/A	N/A	N/A	4.77E+05	N/A	2.00E+04	2.18E+04
N/A	1.38E+05	N/A	N/A	N/A	1.50E+06	N/A	2.40E+04	2.48E+04
N/A	2.29E+05	N/A	N/A	N/A	2.56E+06	N/A	2.73E+04	2.65E+04
N/A	4.47E+04	N/A	N/A	N/A	3.83E+06	N/A	8.84E+04	2.58E+05
N/A	5.54E+04	N/A	N/A	N/A	6.24E+05	N/A	5.52E+04	1.09E+05

8-Hydroxy-8-hydroxyg	9-Decenoy	9-HETE	9-Hexadeci	AICAR	Acetic acid	Acetoaceti	Acetyl-CoA
N/A	N/A	3.67E+06	7.49E+04	3.16E+05	2.86E+07	N/A	6.44E+07 1.29E+05
N/A	N/A	3.52E+06	8.86E+04	4.32E+05	9.20E+07	N/A	5.05E+07 1.86E+04
N/A	N/A	1.17E+06	2.49E+04	9.06E+05	1.22E+07	N/A	5.59E+07 7.62E+05
N/A	N/A	1.46E+06	3.32E+04	1.85E+05	3.18E+06	N/A	4.97E+07 2.60E+05
N/A	N/A	1.15E+07	2.89E+04	4.96E+06	2.23E+07	N/A	3.47E+07 3.11E+04
N/A	N/A	1.04E+08	3.41E+04	2.59E+07	1.21E+06	N/A	2.73E+07 1.38E+05
N/A	N/A	5.48E+07	2.00E+04	1.88E+07	3.29E+05	N/A	3.56E+07 2.06E+05
N/A	N/A	3.27E+05	4.48E+05	1.66E+05	9.05E+04	N/A	6.21E+07 1.97E+03
N/A	N/A	1.77E+07	3.05E+04	1.99E+06	3.42E+06	N/A	4.97E+07 8.61E+04
N/A	N/A	3.12E+06	3.65E+05	3.27E+05	8.85E+05	N/A	5.26E+07 3.61E+03
N/A	N/A	1.87E+07	2.81E+04	2.08E+07	2.13E+06	N/A	5.22E+07 2.49E+05
N/A	N/A	4.71E+06	4.10E+04	1.95E+06	2.40E+06	N/A	4.78E+07 1.12E+05
N/A	N/A	3.40E+07	3.80E+04	2.50E+06	5.80E+06	N/A	4.46E+07 3.46E+05
N/A	N/A	5.69E+06	5.78E+04	4.94E+05	4.73E+07	N/A	4.29E+07 1.13E+06
N/A	N/A	5.02E+05	5.22E+04	1.35E+05	6.23E+05	N/A	6.85E+07 4.15E+03
N/A	N/A	4.75E+06	1.07E+05	1.14E+06	3.89E+04	N/A	4.19E+07 1.27E+04
N/A	N/A	6.57E+06	2.22E+04	1.48E+06	1.22E+06	N/A	6.51E+07 1.63E+05
N/A	N/A	1.48E+07	2.69E+04	3.79E+06	1.33E+06	N/A	4.85E+07 2.52E+05
N/A	N/A	3.15E+07	4.21E+04	3.90E+06	5.02E+06	N/A	4.85E+07 2.26E+04
N/A	N/A	7.11E+06	3.64E+05	1.34E+06	2.18E+07	N/A	5.21E+07 2.67E+04
N/A	N/A	1.90E+06	9.05E+04	2.71E+05	1.51E+06	N/A	6.16E+07 5.97E+03

Acetylcholi	Adenine	Adenosine	Adenosine	Adenosine	Adenosine	Adenosine	Adenylsucc	Adipic acid
8.11E+05	6.00E+07	1.31E+08	2.00E+07	4.86E+07	N/A	6.67E+05	N/A	7.74E+05
6.21E+05	5.01E+07	1.47E+07	7.58E+05	5.54E+06	N/A	2.85E+05	N/A	5.06E+05
1.64E+06	5.66E+07	8.19E+07	3.04E+07	7.36E+07	N/A	1.32E+06	N/A	4.88E+05
4.90E+05	5.39E+07	1.24E+08	1.95E+07	2.72E+07	N/A	9.87E+05	N/A	5.88E+05
9.39E+05	4.40E+07	8.61E+06	3.83E+06	5.33E+07	N/A	2.43E+05	N/A	5.91E+05
1.96E+06	4.74E+07	6.40E+07	5.34E+06	6.68E+07	N/A	7.05E+05	N/A	4.66E+05
6.61E+06	5.11E+07	1.13E+08	3.46E+07	1.24E+08	N/A	2.26E+07	N/A	4.90E+05
6.61E+05	6.64E+07	4.39E+07	8.34E+06	7.85E+06	N/A	4.69E+04	N/A	5.62E+05
1.13E+06	5.74E+07	1.10E+08	2.40E+07	8.00E+07	N/A	1.21E+06	N/A	6.39E+05
1.50E+05	5.77E+07	4.48E+07	9.09E+06	6.21E+06	N/A	1.30E+05	N/A	5.09E+05
1.09E+06	5.19E+07	3.73E+07	3.25E+07	4.99E+07	N/A	1.15E+06	N/A	5.86E+05
1.27E+06	5.48E+07	2.75E+07	1.36E+06	1.88E+07	N/A	2.24E+05	N/A	4.54E+05
7.30E+05	4.60E+07	1.06E+08	1.95E+07	7.05E+07	N/A	1.40E+06	N/A	4.58E+05
5.00E+06	3.57E+07	7.91E+07	1.97E+07	5.23E+07	N/A	2.74E+06	N/A	5.19E+05
8.42E+05	5.94E+07	8.69E+06	6.22E+05	1.48E+06	N/A	2.25E+04	N/A	5.13E+05
2.57E+05	6.29E+07	2.10E+06	3.57E+07	1.72E+07	N/A	1.66E+06	N/A	5.98E+05
7.84E+05	5.65E+07	1.04E+08	2.49E+07	3.73E+07	N/A	1.23E+06	N/A	5.07E+05
2.06E+06	5.52E+07	1.86E+07	5.02E+06	2.42E+07	N/A	1.54E+06	N/A	4.86E+05
2.08E+06	4.61E+07	2.97E+07	1.26E+06	1.56E+07	N/A	2.02E+05	N/A	4.68E+05
6.93E+05	3.93E+07	2.23E+07	8.51E+05	4.13E+06	N/A	1.45E+05	N/A	5.02E+05
3.35E+05	6.28E+07	1.26E+07	9.52E+05	1.22E+06	N/A	1.48E+05	N/A	6.60E+05

Adipoylcar	Agmatine	Alanine	Aldosteron	Allantoic ac	Allantoin	Alpha-Tocc	Alpha-keto	Amino	adip
6.03E+05	N/A	1.83E+08	N/A	1.77E+05	1.00E+06	8.05E+04	N/A	6.78E+05	
7.42E+05	N/A	2.58E+08	N/A	2.92E+05	1.64E+06	8.68E+04	N/A	8.24E+05	
7.99E+05	N/A	2.58E+08	N/A	2.73E+05	1.08E+06	5.22E+05	N/A	1.04E+06	
4.18E+05	N/A	1.98E+08	N/A	2.41E+05	6.37E+05	8.99E+04	N/A	5.99E+05	
7.29E+05	N/A	2.71E+08	N/A	4.26E+05	1.97E+06	2.54E+05	N/A	9.66E+05	
9.82E+05	N/A	2.19E+08	N/A	4.10E+05	9.06E+05	7.59E+05	N/A	1.68E+06	
1.44E+06	N/A	3.00E+08	N/A	1.42E+05	5.58E+05	9.13E+05	N/A	3.06E+05	
3.96E+05	N/A	9.82E+06	N/A	3.82E+04	2.27E+04	5.01E+04	N/A	9.27E+05	
6.71E+05	N/A	2.59E+08	N/A	2.29E+05	8.80E+05	8.03E+04	N/A	4.80E+05	
4.25E+05	N/A	8.89E+07	N/A	6.41E+04	2.62E+05	4.22E+04	N/A	4.07E+05	
8.72E+05	N/A	2.54E+08	N/A	1.60E+05	6.60E+05	4.28E+05	N/A	4.68E+05	
8.10E+05	N/A	2.94E+08	N/A	3.51E+05	1.67E+06	1.94E+05	N/A	4.54E+05	
9.35E+05	N/A	2.92E+08	N/A	2.86E+05	8.35E+05	1.13E+05	N/A	3.47E+05	
7.53E+05	N/A	2.93E+08	N/A	4.32E+05	1.35E+06	1.30E+05	N/A	2.92E+05	
4.81E+05	N/A	4.08E+07	N/A	4.81E+04	1.59E+05	7.23E+04	N/A	5.54E+05	
4.69E+05	N/A	1.36E+08	N/A	3.91E+04	4.71E+05	3.72E+04	N/A	6.16E+05	
7.31E+05	N/A	1.47E+08	N/A	1.14E+05	2.82E+05	5.55E+04	N/A	3.35E+05	
6.60E+05	N/A	2.33E+08	N/A	8.12E+04	4.95E+05	8.31E+04	N/A	4.56E+05	
8.81E+05	N/A	2.81E+08	N/A	3.45E+05	1.19E+06	6.58E+04	N/A	4.27E+05	
7.74E+05	N/A	2.59E+08	N/A	1.21E+05	5.28E+05	7.20E+04	N/A	7.20E+05	
5.48E+05	N/A	9.36E+07	N/A	1.54E+05	2.90E+05	3.67E+04	N/A	7.24E+05	

Anandamic	Androsterc	Arachidoni	Arachidony	Arginine	Argininosu	Aspartylgly	Azelaic acic	B-Carotene
N/A	5.02E+05	1.86E+07	1.76E+06	1.88E+07	3.41E+05	2.18E+05	2.02E+06	N/A
N/A	5.25E+05	5.74E+07	6.29E+06	3.14E+07	1.05E+06	2.76E+05	1.66E+06	N/A
N/A	5.29E+05	2.03E+07	3.85E+06	6.28E+07	1.27E+06	2.21E+05	2.21E+06	N/A
N/A	3.84E+05	1.36E+07	9.99E+05	2.30E+07	3.13E+05	1.04E+05	2.37E+06	N/A
N/A	5.25E+05	2.03E+07	3.43E+07	2.95E+07	1.24E+06	3.94E+05	1.59E+06	N/A
N/A	4.39E+05	1.62E+07	3.42E+07	2.59E+07	1.73E+06	3.99E+05	1.77E+06	N/A
N/A	4.66E+05	4.84E+06	4.09E+07	2.74E+07	1.01E+06	3.62E+05	1.70E+06	N/A
N/A	4.82E+05	7.37E+07	1.50E+06	7.14E+05	1.57E+04	8.81E+03	3.60E+06	N/A
N/A	4.04E+05	1.14E+07	1.25E+07	1.95E+07	6.08E+05	1.97E+05	3.24E+06	N/A
N/A	4.00E+05	4.30E+07	4.62E+06	8.84E+06	1.39E+05	1.65E+04	3.35E+06	N/A
N/A	4.19E+05	1.43E+07	4.34E+07	1.24E+07	2.68E+05	2.35E+05	1.76E+06	N/A
N/A	5.18E+05	2.76E+07	2.14E+07	1.63E+07	5.08E+05	2.77E+05	2.47E+06	N/A
N/A	5.13E+05	2.41E+07	2.60E+07	9.02E+06	3.99E+05	2.17E+05	2.27E+06	N/A
N/A	3.91E+05	4.62E+07	6.97E+06	4.25E+07	4.28E+05	2.07E+05	2.23E+06	N/A
N/A	4.51E+05	2.05E+07	3.81E+05	5.04E+06	8.75E+03	4.18E+04	2.63E+06	N/A
N/A	4.41E+05	1.49E+07	2.71E+06	4.36E+06	9.07E+04	8.17E+04	3.02E+06	N/A
N/A	4.41E+05	1.80E+07	5.44E+06	3.76E+06	1.18E+05	9.60E+04	2.33E+06	N/A
N/A	3.61E+05	2.31E+07	1.02E+07	7.01E+06	2.36E+05	1.44E+05	2.11E+06	N/A
N/A	4.54E+05	1.53E+07	3.10E+07	2.80E+07	6.97E+05	2.84E+05	2.53E+06	N/A
N/A	4.34E+05	5.20E+07	2.41E+07	6.42E+07	3.93E+05	1.63E+05	2.66E+06	N/A
N/A	5.59E+05	4.77E+07	1.55E+06	7.22E+06	2.17E+05	3.94E+04	4.06E+06	N/A

BMP(16:0/	BMP(18:1/	BMP(18:1/	BMP(18:1/	BMP(18:1/	BMP(18:1/	BMP(18:1/	BMP(18:1/	BMP(18:1/
7.70E+05	1.65E+06	1.28E+05	1.07E+05	1.31E+06	9.38E+05	1.01E+05	9.83E+04	3.27E+05
7.13E+05	1.75E+06	8.79E+04	9.72E+04	7.89E+05	6.31E+05	7.66E+04	8.54E+04	8.34E+04
1.01E+06	2.22E+06	3.26E+05	4.80E+04	1.29E+05	1.78E+05	3.25E+04	3.38E+04	8.37E+04
9.72E+05	2.28E+06	8.46E+04	6.79E+04	1.87E+05	1.83E+05	4.22E+04	3.23E+04	3.94E+04
4.98E+05	4.39E+05	3.88E+04	2.89E+04	5.60E+04	5.14E+04	9.79E+03	8.91E+03	2.26E+04
6.61E+05	1.06E+06	6.72E+04	2.96E+04	1.55E+05	1.05E+05	2.61E+04	1.30E+04	4.44E+04
1.31E+06	8.95E+05	8.93E+04	3.74E+04	1.29E+05	1.40E+05	1.86E+04	3.43E+04	1.02E+05
2.12E+05	2.21E+05	3.85E+04	3.13E+04	1.61E+05	2.02E+05	3.70E+04	5.62E+04	1.72E+05
5.47E+05	1.12E+06	2.91E+05	2.58E+04	1.47E+05	1.81E+05	2.70E+04	1.13E+04	4.56E+04
1.39E+06	1.15E+06	2.38E+05	7.29E+04	7.70E+04	1.43E+05	1.26E+05	3.42E+04	9.25E+04
1.98E+06	1.81E+06	9.21E+04	1.11E+05	1.64E+05	1.29E+05	2.22E+04	2.12E+04	5.17E+04
5.69E+05	6.61E+05	1.72E+05	3.03E+04	4.16E+04	8.22E+04	2.45E+04	1.56E+04	2.56E+04
8.27E+05	1.04E+06	1.11E+05	2.16E+04	1.03E+05	7.27E+04	3.67E+04	1.71E+04	2.41E+04
1.83E+06	1.12E+06	1.24E+05	3.02E+04	5.44E+04	8.12E+04	1.61E+04	1.24E+04	3.36E+04
6.17E+05	8.29E+05	1.15E+05	2.31E+04	4.48E+04	7.73E+04	1.94E+04	1.54E+04	3.32E+04
2.15E+06	1.42E+06	4.99E+05	4.68E+04	1.05E+05	1.48E+05	4.04E+04	3.11E+04	9.82E+04
4.45E+05	1.20E+06	1.19E+05	1.16E+05	1.65E+06	8.98E+05	4.59E+04	8.25E+04	8.42E+04
7.43E+05	1.30E+06	8.66E+04	5.14E+04	1.72E+05	1.22E+05	3.20E+04	2.71E+04	2.86E+04
4.45E+05	8.59E+05	2.51E+05	2.63E+04	1.05E+05	1.17E+05	1.59E+04	1.50E+04	3.29E+04
9.10E+05	1.87E+06	9.11E+04	3.97E+04	1.23E+05	1.69E+05	4.36E+04	1.76E+04	1.99E+04
1.47E+06	9.12E+05	4.30E+04	3.04E+04	5.46E+04	5.96E+04	2.17E+04	1.28E+04	2.13E+04

BMP(20:4/	BMP(22:5/	BMP(22:6/	Benzoic aci	Betaine	Betaine ald	Biotin	Butyrylcarr	CDP-cholin
N/A	N/A	5.39E+04	1.26E+07	6.03E+06	1.60E+07	N/A	2.26E+08	1.15E+06
N/A	N/A	1.49E+04	1.91E+07	9.58E+06	3.45E+07	N/A	6.58E+07	1.12E+06
N/A	N/A	8.38E+04	1.73E+07	6.94E+06	2.47E+07	N/A	7.26E+08	1.40E+06
N/A	N/A	7.08E+03	2.76E+07	2.93E+06	1.29E+07	N/A	1.43E+08	5.22E+05
N/A	N/A	1.73E+04	4.12E+07	9.70E+06	5.10E+07	N/A	7.92E+08	2.35E+06
N/A	N/A	6.02E+03	2.41E+07	9.23E+06	5.40E+07	N/A	3.68E+08	1.11E+06
N/A	N/A	1.74E+05	1.14E+07	3.55E+06	5.09E+07	N/A	7.57E+08	1.56E+06
N/A	N/A	1.26E+05	2.66E+07	2.61E+05	1.90E+06	N/A	6.98E+06	2.27E+04
N/A	N/A	3.08E+04	1.38E+07	5.07E+06	3.94E+07	N/A	4.98E+08	1.41E+06
N/A	N/A	1.94E+04	8.70E+07	1.14E+06	2.54E+07	N/A	3.59E+07	2.46E+04
N/A	N/A	8.92E+03	2.79E+07	3.04E+06	4.39E+07	N/A	8.17E+08	8.23E+05
N/A	N/A	1.44E+04	1.70E+07	1.06E+07	3.58E+07	N/A	4.44E+08	1.23E+06
N/A	N/A	2.48E+03	4.01E+07	6.04E+06	5.52E+07	N/A	5.52E+08	1.24E+06
N/A	N/A	4.68E+04	4.01E+07	6.76E+06	3.00E+07	N/A	3.72E+08	5.73E+05
N/A	N/A	5.53E+04	1.81E+07	5.03E+05	2.80E+06	N/A	3.92E+07	3.62E+05
N/A	N/A	1.23E+05	1.05E+07	1.77E+06	1.92E+07	N/A	4.45E+07	2.71E+05
N/A	N/A	3.64E+03	6.37E+07	2.35E+06	2.72E+07	N/A	2.16E+08	6.43E+05
N/A	N/A	9.25E+03	3.58E+07	3.93E+06	3.47E+07	N/A	3.32E+08	7.53E+05
N/A	N/A	1.39E+04	1.71E+07	5.70E+06	4.46E+07	N/A	6.22E+08	1.56E+06
N/A	N/A	1.05E+03	1.19E+07	4.21E+06	2.55E+07	N/A	4.36E+08	8.74E+05
N/A	N/A	3.04E+04	1.01E+07	1.02E+06	1.39E+07	N/A	1.02E+08	1.18E+05

CL(18:2/18 CL(18:2/18 CL(18:2/18 CL(18:2/18 CL(18:2/18 CL(18:2/18 CL(18:2/18 CL(18:2/18 Carbamoyl

2.65E+05	2.82E+07	1.19E+07	4.93E+06	8.11E+06	1.77E+07	1.67E+05	1.45E+06	N/A
2.85E+05	2.61E+07	8.26E+06	3.43E+06	9.31E+06	1.37E+07	3.11E+05	1.31E+06	N/A
2.21E+05	5.08E+07	7.77E+06	1.23E+07	1.58E+07	1.93E+07	4.36E+05	1.56E+06	N/A
2.13E+05	3.97E+07	9.11E+06	1.23E+07	7.54E+06	1.93E+07	2.45E+05	1.54E+06	N/A
1.10E+05	1.79E+07	5.81E+06	5.87E+06	4.09E+06	7.63E+06	1.64E+05	9.69E+05	N/A
7.63E+04	2.36E+07	4.06E+06	4.80E+06	6.64E+06	1.24E+07	2.19E+05	1.17E+06	N/A
1.53E+05	1.67E+07	4.79E+06	6.34E+06	1.07E+07	1.01E+07	2.06E+05	1.48E+06	N/A
9.60E+04	2.55E+06	1.91E+06	1.42E+06	2.05E+06	3.80E+06	1.16E+05	3.89E+05	N/A
3.35E+05	2.41E+07	1.12E+07	5.73E+06	1.06E+07	2.05E+07	1.94E+05	1.41E+06	N/A
2.06E+05	1.74E+07	6.30E+06	8.81E+06	6.38E+06	7.54E+06	1.94E+05	1.52E+06	N/A
2.14E+05	1.93E+07	1.59E+07	2.37E+07	1.12E+07	2.82E+07	5.91E+05	2.36E+06	N/A
1.70E+05	1.92E+07	1.00E+07	1.06E+07	8.31E+06	1.37E+07	2.51E+05	1.43E+06	N/A
2.12E+05	1.40E+07	9.40E+06	6.97E+06	1.14E+07	2.48E+07	5.14E+05	3.52E+06	N/A
1.37E+05	1.31E+07	4.93E+06	6.97E+06	5.59E+06	1.18E+07	1.59E+05	1.16E+06	N/A
1.70E+05	9.78E+06	9.45E+06	6.06E+06	9.22E+06	1.56E+07	2.30E+05	1.22E+06	N/A
5.39E+05	2.24E+07	1.79E+07	2.11E+07	1.14E+07	2.16E+07	7.29E+05	4.21E+06	N/A
1.40E+05	2.40E+07	1.51E+07	1.25E+07	1.41E+07	1.88E+07	4.26E+05	1.72E+06	N/A
2.87E+05	2.85E+07	9.07E+06	1.02E+07	1.14E+07	1.88E+07	2.87E+05	3.49E+06	N/A
2.94E+05	1.65E+07	1.82E+07	1.17E+07	1.05E+07	2.40E+07	3.25E+05	2.01E+06	N/A
2.48E+05	1.36E+07	7.81E+06	4.40E+06	9.82E+06	1.29E+07	2.37E+05	1.30E+06	N/A
2.11E+05	1.84E+07	5.72E+06	6.66E+06	9.03E+06	1.28E+07	2.32E+05	1.24E+06	N/A

Carnosine	Ceramide(c	Ceramide(c	Ceramide(c	Ceramide(c	Ceramide(c	Ceramide(c	Ceramide(c
9.00E+07	2.98E+04	N/A	1.05E+07	N/A	N/A	N/A	8.00E+04
1.36E+08	1.50E+04	N/A	2.84E+06	N/A	N/A	N/A	3.75E+04
1.66E+08	1.90E+05	N/A	2.36E+07	N/A	N/A	N/A	4.91E+05
1.40E+08	1.54E+03	N/A	1.85E+05	N/A	N/A	N/A	4.88E+03
1.48E+08	1.96E+04	N/A	5.88E+06	N/A	N/A	N/A	4.55E+04
1.49E+08	1.43E+05	N/A	2.35E+07	N/A	N/A	N/A	1.58E+06
1.99E+08	1.21E+05	N/A	5.55E+07	N/A	N/A	N/A	1.90E+06
5.17E+06	8.16E+04	N/A	7.82E+06	N/A	N/A	N/A	9.34E+04
1.51E+08	5.27E+03	N/A	1.04E+06	N/A	N/A	N/A	5.41E+03
5.98E+07	2.31E+03	N/A	1.96E+05	N/A	N/A	N/A	2.17E+03
7.92E+07	8.65E+04	N/A	1.51E+07	N/A	N/A	N/A	4.41E+05
2.04E+08	5.32E+04	N/A	1.68E+07	N/A	N/A	N/A	2.40E+05
1.70E+08	2.95E+03	N/A	1.30E+06	N/A	N/A	N/A	3.63E+04
1.90E+08	8.54E+03	N/A	2.61E+05	N/A	N/A	N/A	9.95E+02
4.37E+07	5.71E+03	N/A	8.41E+05	N/A	N/A	N/A	1.85E+04
1.18E+08	2.97E+03	N/A	1.61E+05	N/A	N/A	N/A	2.13E+03
2.34E+07	3.51E+04	N/A	1.74E+06	N/A	N/A	N/A	7.18E+04
1.86E+08	2.37E+04	N/A	1.79E+06	N/A	N/A	N/A	3.97E+03
1.75E+08	1.10E+04	N/A	1.09E+06	N/A	N/A	N/A	1.14E+04
1.91E+08	8.05E+03	N/A	8.80E+05	N/A	N/A	N/A	9.10E+03
7.03E+07	4.08E+03	N/A	3.88E+04	N/A	N/A	N/A	1.58E+03

Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c

6.90E+06 N/A	1.38E+05 N/A	N/A	N/A	N/A	N/A	N/A
1.26E+06 N/A	1.33E+05 N/A	N/A	N/A	N/A	N/A	N/A
2.91E+07 N/A	1.10E+06 N/A	N/A	N/A	N/A	N/A	N/A
3.45E+05 N/A	4.95E+03 N/A	N/A	N/A	N/A	N/A	N/A
1.18E+07 N/A	6.49E+04 N/A	N/A	N/A	N/A	N/A	N/A
6.93E+07 N/A	2.19E+06 N/A	N/A	N/A	N/A	N/A	N/A
1.37E+08 N/A	3.21E+06 N/A	N/A	N/A	N/A	N/A	N/A
1.06E+06 N/A	1.92E+05 N/A	N/A	N/A	N/A	N/A	N/A
1.09E+06 N/A	2.50E+04 N/A	N/A	N/A	N/A	N/A	N/A
2.39E+05 N/A	1.63E+03 N/A	N/A	N/A	N/A	N/A	N/A
3.17E+07 N/A	5.99E+05 N/A	N/A	N/A	N/A	N/A	N/A
2.45E+07 N/A	2.46E+05 N/A	N/A	N/A	N/A	N/A	N/A
1.25E+06 N/A	9.08E+03 N/A	N/A	N/A	N/A	N/A	N/A
6.99E+05 N/A	5.07E+03 N/A	N/A	N/A	N/A	N/A	N/A
7.23E+05 N/A	1.60E+04 N/A	N/A	N/A	N/A	N/A	N/A
7.39E+05 N/A	2.89E+03 N/A	N/A	N/A	N/A	N/A	N/A
2.14E+06 N/A	1.63E+05 N/A	N/A	N/A	N/A	N/A	N/A
1.36E+06 N/A	2.75E+04 N/A	N/A	N/A	N/A	N/A	N/A
1.64E+06 N/A	4.55E+04 N/A	N/A	N/A	N/A	N/A	N/A
9.32E+05 N/A	2.55E+04 N/A	N/A	N/A	N/A	N/A	N/A
3.22E+05 N/A	5.91E+04 N/A	N/A	N/A	N/A	N/A	N/A

Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c Ceramide(c

N/A	4.65E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	3.09E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	1.15E+06	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	4.18E+03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	8.88E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	9.12E+06	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.14E+07	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	4.31E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	6.31E+04	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	1.73E+03	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	1.65E+06	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.46E+06	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	1.15E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	1.98E+04	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.22E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.29E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	5.05E+04	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.15E+04	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	2.31E+05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	7.33E+04	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	4.89E+03	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Ceramide(c Ceramide(c Chenodeox Chenodeox Cholestenc Cholestero Cholestery Cholic acid Choline

N/A	N/A	N/A	N/A	N/A	2.52E+05	5.19E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.26E+05	5.12E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.45E+06	5.31E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.54E+04	7.99E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.81E+05	5.93E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.83E+06	5.53E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	6.96E+06	1.12E+07	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.97E+04	2.37E+07	N/A	N/A
N/A	N/A	N/A	N/A	N/A	2.47E+04	6.10E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	4.68E+03	7.45E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	7.09E+05	8.23E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	6.55E+05	9.11E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.99E+04	5.45E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.48E+04	7.17E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	4.77E+04	6.83E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	3.73E+04	3.24E+07	N/A	N/A
N/A	N/A	N/A	N/A	N/A	1.01E+04	7.90E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	6.82E+03	5.59E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	9.24E+04	6.11E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	2.49E+04	5.67E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	7.38E+04	1.20E+07	N/A	N/A

Cinnamoyl	Citramalic	Citric acid	Citrulline	CoA	CoQ10	CoQ10H2	CoQ9	CoQ9H2
N/A	2.10E+06	1.11E+06	9.52E+06	3.15E+05	9.04E+04	N/A	N/A	N/A
N/A	1.51E+06	3.20E+06	1.73E+07	1.15E+05	2.58E+04	N/A	N/A	N/A
N/A	2.52E+06	2.46E+06	1.43E+07	1.27E+06	3.47E+04	N/A	N/A	N/A
N/A	3.18E+06	2.00E+06	1.25E+07	2.86E+05	6.43E+04	N/A	N/A	N/A
N/A	2.52E+06	3.18E+06	1.86E+07	5.93E+05	2.42E+04	N/A	N/A	N/A
N/A	9.06E+06	6.00E+06	2.03E+07	7.79E+05	1.21E+05	N/A	N/A	N/A
N/A	3.66E+06	5.09E+06	2.30E+06	2.34E+06	2.32E+05	N/A	N/A	N/A
N/A	1.94E+06	1.40E+05	2.13E+06	1.31E+05	3.54E+04	N/A	N/A	N/A
N/A	2.72E+06	3.98E+06	1.25E+07	4.55E+05	3.53E+04	N/A	N/A	N/A
N/A	1.63E+06	2.19E+05	2.60E+06	1.23E+05	1.92E+04	N/A	N/A	N/A
N/A	2.67E+06	1.75E+06	4.34E+06	6.44E+05	5.99E+04	N/A	N/A	N/A
N/A	1.82E+06	4.16E+06	1.60E+07	3.72E+05	6.70E+04	N/A	N/A	N/A
N/A	2.56E+06	3.10E+06	1.02E+07	8.42E+05	7.40E+04	N/A	N/A	N/A
N/A	2.93E+06	1.05E+07	1.96E+07	5.95E+05	1.82E+05	N/A	N/A	N/A
N/A	2.17E+06	9.77E+04	1.77E+06	1.30E+05	1.73E+04	N/A	N/A	N/A
N/A	2.26E+06	1.94E+06	3.10E+06	1.82E+05	5.97E+03	N/A	N/A	N/A
N/A	1.85E+06	1.77E+06	3.98E+06	4.94E+05	3.68E+04	N/A	N/A	N/A
N/A	1.69E+06	5.04E+06	4.62E+06	4.77E+05	6.11E+03	N/A	N/A	N/A
N/A	2.02E+06	3.30E+06	1.48E+07	1.49E+05	8.58E+04	N/A	N/A	N/A
N/A	2.54E+06	2.35E+06	6.98E+06	1.56E+05	1.15E+05	N/A	N/A	N/A
N/A	2.10E+06	2.43E+05	8.59E+06	3.52E+04	9.07E+04	N/A	N/A	N/A

Corticoster	Cortisol	Cortisone	Creatine	Creatinine	Cyanocoba	Cyclic aden	Cysteamine	Cysteine
N/A	N/A	N/A	8.08E+08	1.68E+07	N/A	6.03E+05	N/A	1.19E+06
N/A	N/A	N/A	9.45E+08	6.71E+07	N/A	1.26E+05	N/A	1.27E+06
N/A	N/A	N/A	9.78E+08	7.45E+07	N/A	2.52E+05	N/A	1.06E+06
N/A	N/A	N/A	7.88E+08	1.97E+07	N/A	4.23E+05	N/A	3.29E+05
N/A	N/A	N/A	1.10E+09	1.05E+08	N/A	8.45E+04	N/A	1.05E+06
N/A	N/A	N/A	1.12E+09	1.14E+08	N/A	2.11E+05	N/A	4.18E+05
N/A	N/A	N/A	1.18E+09	8.69E+07	N/A	5.38E+05	N/A	2.69E+05
N/A	N/A	N/A	2.29E+08	5.29E+05	N/A	3.16E+04	N/A	1.26E+05
N/A	N/A	N/A	9.40E+08	8.83E+07	N/A	9.46E+04	N/A	3.26E+05
N/A	N/A	N/A	5.37E+08	2.01E+07	N/A	9.42E+03	N/A	1.28E+05
N/A	N/A	N/A	9.27E+08	5.83E+07	N/A	1.75E+05	N/A	2.45E+05
N/A	N/A	N/A	9.57E+08	1.05E+08	N/A	4.36E+04	N/A	5.75E+05
N/A	N/A	N/A	9.67E+08	9.28E+07	N/A	2.09E+05	N/A	2.39E+05
N/A	N/A	N/A	9.33E+08	1.30E+08	N/A	1.08E+05	N/A	5.19E+05
N/A	N/A	N/A	4.21E+08	1.73E+06	N/A	3.40E+04	N/A	3.29E+05
N/A	N/A	N/A	6.97E+08	1.26E+07	N/A	1.41E+05	N/A	1.32E+05
N/A	N/A	N/A	7.62E+08	7.19E+06	N/A	7.49E+04	N/A	5.99E+04
N/A	N/A	N/A	8.20E+08	3.29E+07	N/A	2.49E+05	N/A	2.72E+05
N/A	N/A	N/A	9.67E+08	1.16E+08	N/A	4.41E+04	N/A	5.75E+05
N/A	N/A	N/A	8.67E+08	9.06E+07	N/A	2.68E+04	N/A	8.64E+05
N/A	N/A	N/A	6.07E+08	9.16E+06	N/A	3.64E+04	N/A	2.89E+05

Cysteine-S-	Cytidine	Cytidine dij	Cytidine dij	Cytidine m	Cytidine tri	Cytosine	D-Glyceralk	DHC(18:1/:
N/A	9.70E+07	N/A	9.29E+05	2.10E+06	N/A	9.53E+07	4.70E+05	3.93E+06
N/A	1.85E+08	N/A	2.67E+05	1.22E+06	N/A	2.03E+08	1.35E+06	2.98E+06
N/A	7.01E+07	N/A	8.66E+05	1.97E+06	N/A	1.35E+08	4.33E+05	2.30E+06
N/A	6.90E+07	N/A	2.34E+05	7.50E+05	N/A	1.00E+08	5.68E+05	3.68E+06
N/A	1.08E+08	N/A	1.11E+06	2.38E+06	N/A	7.48E+07	1.88E+06	8.71E+05
N/A	9.22E+07	N/A	4.12E+05	1.86E+06	N/A	6.05E+07	6.83E+05	4.81E+05
N/A	5.07E+07	N/A	4.49E+05	3.56E+06	N/A	4.75E+07	1.50E+06	3.83E+06
N/A	3.00E+06	N/A	6.44E+03	2.33E+04	N/A	2.71E+06	2.13E+05	4.33E+06
N/A	6.73E+07	N/A	2.60E+05	1.02E+06	N/A	4.79E+07	6.77E+05	2.66E+06
N/A	5.86E+07	N/A	8.61E+03	3.02E+04	N/A	1.95E+07	5.61E+05	1.35E+07
N/A	7.51E+07	N/A	1.74E+05	1.03E+06	N/A	7.79E+07	7.05E+05	2.74E+06
N/A	1.08E+08	N/A	3.28E+05	1.22E+06	N/A	7.84E+07	1.61E+06	1.19E+06
N/A	6.86E+07	N/A	1.89E+05	8.70E+05	N/A	3.09E+07	4.47E+05	2.53E+06
N/A	1.47E+08	N/A	2.16E+05	1.01E+06	N/A	4.26E+07	3.86E+05	3.69E+06
N/A	1.42E+07	N/A	1.08E+05	2.36E+05	N/A	1.10E+08	2.37E+05	1.09E+06
N/A	1.40E+07	N/A	9.36E+04	2.42E+05	N/A	1.40E+07	3.25E+06	9.31E+06
N/A	2.90E+07	N/A	9.67E+04	3.94E+05	N/A	2.78E+07	1.02E+06	3.04E+06
N/A	6.15E+07	N/A	2.66E+05	7.53E+05	N/A	6.30E+07	1.56E+06	4.53E+06
N/A	9.92E+07	N/A	3.32E+05	1.40E+06	N/A	3.59E+07	5.61E+05	1.22E+06
N/A	1.67E+08	N/A	1.89E+05	5.46E+05	N/A	6.28E+07	2.68E+05	1.76E+06
N/A	2.51E+07	N/A	7.44E+04	1.75E+05	N/A	5.76E+07	2.19E+05	1.77E+06

DHC(18:1/; DHC(18:1/; DHC(18:1/; DHC(18:1/; DL-2-Amino DL-O-Phos| Decanoylc; Dehydroas; Dehydroep

4.48E+04	3.49E+04	1.67E+04	8.44E+04	N/A	N/A	2.33E+05	4.00E+06	N/A
8.12E+04	3.02E+04	3.41E+04	1.88E+05	N/A	N/A	2.90E+05	1.23E+07	N/A
2.31E+04	9.53E+03	9.83E+03	3.12E+04	N/A	N/A	2.49E+05	8.62E+06	N/A
2.02E+04	4.73E+03	1.33E+04	7.14E+04	N/A	N/A	2.22E+05	7.44E+06	N/A
2.98E+04	1.04E+04	1.75E+04	6.81E+04	N/A	N/A	4.54E+05	1.09E+07	N/A
8.02E+03	7.09E+03	1.34E+04	6.35E+04	N/A	N/A	4.01E+06	2.06E+07	N/A
3.00E+04	8.67E+03	3.70E+04	1.80E+05	N/A	N/A	2.97E+06	2.14E+07	N/A
5.20E+04	3.43E+04	1.60E+05	1.29E+06	N/A	N/A	2.18E+05	4.37E+05	N/A
2.27E+04	7.09E+03	1.43E+04	1.88E+05	N/A	N/A	7.18E+05	1.61E+07	N/A
1.95E+05	8.55E+04	2.31E+05	1.72E+06	N/A	N/A	4.19E+05	6.99E+05	N/A
2.55E+04	1.25E+04	1.84E+04	1.27E+05	N/A	N/A	1.21E+06	5.36E+06	N/A
2.63E+04	1.90E+04	2.35E+04	1.62E+05	N/A	N/A	2.31E+05	1.64E+07	N/A
2.01E+04	1.67E+04	2.44E+04	2.00E+05	N/A	N/A	1.16E+06	1.07E+07	N/A
3.14E+04	2.82E+04	4.60E+04	2.76E+05	N/A	N/A	3.75E+05	3.91E+07	N/A
1.97E+04	1.85E+04	3.93E+04	2.20E+05	N/A	N/A	2.51E+05	2.86E+05	N/A
1.22E+05	6.09E+04	1.18E+05	6.69E+05	N/A	N/A	2.28E+05	6.78E+06	N/A
3.10E+04	1.76E+04	3.00E+04	1.27E+05	N/A	N/A	2.91E+05	5.50E+06	N/A
4.32E+04	3.78E+04	4.74E+04	3.70E+05	N/A	N/A	3.41E+05	1.62E+07	N/A
2.78E+04	1.28E+04	2.56E+04	2.03E+05	N/A	N/A	7.72E+05	1.25E+07	N/A
7.07E+04	8.67E+04	7.48E+04	5.19E+05	N/A	N/A	5.01E+05	8.09E+06	N/A
5.38E+04	2.90E+04	6.75E+04	4.17E+05	N/A	N/A	9.29E+05	5.83E+05	N/A

Dehydroep Deoxyaden Deoxyaden Deoxyaden Deoxyaden Deoxycholi Deoxycytid Deoxycytid Deoxycytid

N/A	N/A	N/A	1.98E+05	N/A	N/A	1.20E+05	N/A	N/A
N/A	N/A	N/A	9.67E+04	N/A	N/A	1.69E+05	N/A	N/A
N/A	N/A	N/A	2.87E+05	N/A	N/A	1.70E+05	N/A	N/A
N/A	N/A	N/A	9.01E+04	N/A	N/A	1.74E+05	N/A	N/A
N/A	N/A	N/A	2.39E+05	N/A	N/A	3.71E+05	N/A	N/A
N/A	N/A	N/A	3.09E+05	N/A	N/A	2.84E+05	N/A	N/A
N/A	N/A	N/A	5.00E+05	N/A	N/A	5.48E+05	N/A	N/A
N/A	N/A	N/A	1.23E+04	N/A	N/A	1.09E+05	N/A	N/A
N/A	N/A	N/A	1.77E+05	N/A	N/A	2.56E+05	N/A	N/A
N/A	N/A	N/A	1.09E+05	N/A	N/A	1.07E+05	N/A	N/A
N/A	N/A	N/A	1.45E+05	N/A	N/A	2.28E+05	N/A	N/A
N/A	N/A	N/A	1.83E+05	N/A	N/A	1.87E+05	N/A	N/A
N/A	N/A	N/A	8.43E+04	N/A	N/A	1.84E+05	N/A	N/A
N/A	N/A	N/A	6.61E+04	N/A	N/A	3.31E+05	N/A	N/A
N/A	N/A	N/A	7.99E+03	N/A	N/A	9.10E+04	N/A	N/A
N/A	N/A	N/A	4.48E+04	N/A	N/A	1.78E+05	N/A	N/A
N/A	N/A	N/A	8.15E+04	N/A	N/A	9.79E+04	N/A	N/A
N/A	N/A	N/A	3.24E+05	N/A	N/A	1.65E+05	N/A	N/A
N/A	N/A	N/A	1.38E+05	N/A	N/A	2.39E+05	N/A	N/A
N/A	N/A	N/A	9.66E+04	N/A	N/A	8.53E+04	N/A	N/A
N/A	N/A	N/A	1.31E+04	N/A	N/A	1.05E+05	N/A	N/A

Deoxyguan Deoxyguan Deoxyguan Deoxyinosi Deoxyribos Deoxythyr Deoxyuridi Deoxyuridi Deoxyuridi

N/A	2.03E+07	N/A	N/A	N/A	4.48E+04	8.88E+04	N/A	N/A
N/A	7.60E+05	N/A	N/A	N/A	5.21E+04	3.53E+05	N/A	N/A
N/A	3.29E+07	N/A	N/A	N/A	1.49E+05	2.06E+05	N/A	N/A
N/A	1.96E+07	N/A	N/A	N/A	5.67E+04	1.16E+05	N/A	N/A
N/A	3.41E+06	N/A	N/A	N/A	8.05E+04	2.86E+05	N/A	N/A
N/A	5.02E+06	N/A	N/A	N/A	4.90E+04	3.72E+05	N/A	N/A
N/A	3.20E+07	N/A	N/A	N/A	2.94E+04	1.77E+05	N/A	N/A
N/A	6.81E+06	N/A	N/A	N/A	1.11E+04	9.32E+03	N/A	N/A
N/A	2.37E+07	N/A	N/A	N/A	5.72E+04	1.34E+05	N/A	N/A
N/A	8.82E+06	N/A	N/A	N/A	4.59E+04	1.55E+05	N/A	N/A
N/A	3.48E+07	N/A	N/A	N/A	1.25E+05	1.28E+05	N/A	N/A
N/A	1.33E+06	N/A	N/A	N/A	4.94E+04	4.48E+05	N/A	N/A
N/A	1.91E+07	N/A	N/A	N/A	1.11E+05	1.77E+05	N/A	N/A
N/A	1.91E+07	N/A	N/A	N/A	7.82E+04	1.60E+05	N/A	N/A
N/A	5.98E+05	N/A	N/A	N/A	1.83E+04	8.88E+03	N/A	N/A
N/A	3.75E+07	N/A	N/A	N/A	2.81E+04	2.98E+04	N/A	N/A
N/A	2.71E+07	N/A	N/A	N/A	3.29E+04	5.11E+04	N/A	N/A
N/A	5.67E+06	N/A	N/A	N/A	3.96E+04	1.03E+05	N/A	N/A
N/A	1.17E+06	N/A	N/A	N/A	1.50E+05	2.03E+05	N/A	N/A
N/A	7.01E+05	N/A	N/A	N/A	7.77E+04	2.38E+05	N/A	N/A
N/A	1.01E+06	N/A	N/A	N/A	2.94E+04	6.90E+03	N/A	N/A

Desmoster	Dihydroxy	Dimethyl-L	Dimethylgl	Docosahex	Dodecanoy	Dodecenoy	Dopamine	Eicosapent
N/A	N/A	2.03E+07	3.75E+07	1.78E+06	8.83E+06	1.91E+06	4.21E+07	2.37E+05
N/A	N/A	6.68E+07	2.17E+07	1.88E+06	6.67E+06	3.69E+06	8.28E+07	4.22E+05
N/A	N/A	5.75E+07	5.45E+07	5.90E+06	1.22E+07	1.21E+06	5.57E+07	1.01E+06
N/A	N/A	9.04E+06	7.31E+06	6.77E+05	2.65E+06	7.35E+05	3.01E+07	2.55E+05
N/A	N/A	3.67E+07	1.52E+08	3.37E+06	6.72E+07	9.40E+06	8.63E+07	1.13E+06
N/A	N/A	3.76E+07	3.09E+07	5.47E+06	4.88E+08	4.97E+07	5.12E+07	4.87E+05
N/A	N/A	1.06E+07	4.01E+07	2.29E+06	3.29E+08	3.18E+07	1.10E+07	4.18E+05
N/A	N/A	1.61E+06	3.83E+06	1.81E+07	3.38E+06	3.56E+05	7.49E+05	5.63E+06
N/A	N/A	1.09E+07	2.72E+07	3.50E+06	5.31E+07	5.92E+06	5.44E+07	1.02E+06
N/A	N/A	3.81E+06	3.99E+06	9.06E+06	6.01E+06	2.03E+06	3.86E+07	3.31E+06
N/A	N/A	1.24E+07	1.45E+07	1.34E+06	1.41E+08	1.18E+07	4.19E+07	3.98E+05
N/A	N/A	2.65E+07	3.60E+07	2.93E+07	1.09E+07	4.73E+06	9.36E+07	2.90E+06
N/A	N/A	1.45E+07	1.82E+07	1.03E+06	8.30E+07	2.40E+07	7.73E+07	7.78E+05
N/A	N/A	1.53E+07	3.74E+07	2.86E+06	3.29E+07	3.93E+06	9.11E+07	3.22E+06
N/A	N/A	3.14E+06	2.87E+06	5.24E+06	1.90E+06	6.91E+05	1.29E+07	1.17E+06
N/A	N/A	2.73E+06	5.66E+06	1.59E+07	1.10E+07	6.50E+06	1.71E+07	2.00E+06
N/A	N/A	3.33E+06	5.23E+06	2.93E+05	2.84E+07	5.72E+06	2.12E+07	1.29E+05
N/A	N/A	8.58E+06	1.35E+07	2.73E+06	3.08E+07	9.40E+06	5.50E+07	5.02E+05
N/A	N/A	1.79E+07	3.20E+07	3.68E+06	8.10E+07	1.19E+07	7.80E+07	1.58E+06
N/A	N/A	3.40E+07	4.82E+06	5.15E+06	3.98E+07	9.83E+06	7.46E+07	9.02E+05
N/A	N/A	4.54E+06	6.35E+06	4.89E+06	5.31E+06	9.90E+05	2.67E+07	1.38E+06

Epinephrin	Erythrose 4	Estradiol	Estriol	Estrone	Ethanolam	FAD	FMN	Farnesyl di
N/A	2.96E+06	N/A	N/A	N/A	1.55E+07	1.53E+06	N/A	1.84E+05
N/A	7.18E+06	N/A	N/A	N/A	2.50E+07	4.82E+05	N/A	1.55E+05
N/A	2.58E+06	N/A	N/A	N/A	1.21E+07	2.93E+06	N/A	2.70E+05
N/A	3.16E+06	N/A	N/A	N/A	9.69E+06	2.06E+06	N/A	1.54E+05
N/A	1.21E+06	N/A	N/A	N/A	1.59E+07	5.25E+05	N/A	1.05E+06
N/A	1.33E+07	N/A	N/A	N/A	1.13E+07	1.39E+06	N/A	6.03E+05
N/A	1.07E+07	N/A	N/A	N/A	1.64E+07	1.83E+06	N/A	1.26E+06
N/A	1.69E+05	N/A	N/A	N/A	8.33E+05	4.05E+05	N/A	2.25E+04
N/A	2.11E+06	N/A	N/A	N/A	8.52E+06	1.56E+06	N/A	3.75E+05
N/A	4.22E+05	N/A	N/A	N/A	3.50E+06	4.43E+05	N/A	8.11E+04
N/A	2.28E+06	N/A	N/A	N/A	5.31E+06	2.89E+06	N/A	5.94E+05
N/A	7.43E+05	N/A	N/A	N/A	1.03E+07	8.74E+05	N/A	1.91E+05
N/A	2.91E+06	N/A	N/A	N/A	6.42E+06	2.65E+06	N/A	1.19E+05
N/A	2.04E+06	N/A	N/A	N/A	2.34E+07	2.25E+06	N/A	3.30E+05
N/A	2.08E+05	N/A	N/A	N/A	3.05E+06	2.15E+05	N/A	2.00E+04
N/A	3.11E+06	N/A	N/A	N/A	1.52E+06	1.81E+06	N/A	3.40E+05
N/A	2.35E+06	N/A	N/A	N/A	2.70E+06	2.36E+06	N/A	6.30E+04
N/A	4.54E+06	N/A	N/A	N/A	4.55E+06	2.15E+06	N/A	3.75E+05
N/A	1.02E+06	N/A	N/A	N/A	1.02E+07	5.50E+05	N/A	4.90E+05
N/A	6.75E+05	N/A	N/A	N/A	3.11E+07	9.82E+05	N/A	4.82E+04
N/A	4.20E+05	N/A	N/A	N/A	2.83E+06	3.90E+05	N/A	6.69E+04

Folic acid	Fumaric ac	GC(18:1/16	GC(18:1/20	GC(18:1/22	GC(18:1/24	GC(18:1/26	GC(18:2/16	Gamma-Ar
N/A	1.86E+07	1.82E+05	N/A	N/A	N/A	1.09E+04	N/A	6.24E+05
N/A	2.53E+07	7.72E+04	N/A	N/A	N/A	8.14E+03	N/A	5.97E+05
N/A	2.51E+07	7.19E+04	N/A	N/A	N/A	6.06E+03	N/A	1.08E+06
N/A	2.13E+07	1.50E+05	N/A	N/A	N/A	6.10E+03	N/A	4.20E+05
N/A	3.20E+07	3.32E+04	N/A	N/A	N/A	4.77E+03	N/A	7.63E+05
N/A	6.01E+07	9.53E+03	N/A	N/A	N/A	1.00E+04	N/A	9.91E+05
N/A	3.84E+07	8.72E+04	N/A	N/A	N/A	1.48E+04	N/A	5.32E+05
N/A	1.29E+07	1.02E+05	N/A	N/A	N/A	7.22E+04	N/A	9.68E+04
N/A	2.77E+07	9.28E+04	N/A	N/A	N/A	1.14E+04	N/A	2.65E+05
N/A	1.76E+07	2.43E+05	N/A	N/A	N/A	5.14E+04	N/A	3.94E+05
N/A	3.05E+07	9.08E+04	N/A	N/A	N/A	7.95E+03	N/A	5.69E+05
N/A	3.55E+07	2.75E+04	N/A	N/A	N/A	8.89E+03	N/A	3.68E+05
N/A	1.43E+07	5.78E+04	N/A	N/A	N/A	5.81E+03	N/A	2.60E+05
N/A	1.40E+07	1.22E+05	N/A	N/A	N/A	7.07E+03	N/A	4.31E+05
N/A	2.08E+07	2.74E+04	N/A	N/A	N/A	9.29E+03	N/A	1.38E+05
N/A	2.72E+07	2.35E+05	N/A	N/A	N/A	7.44E+04	N/A	6.74E+04
N/A	2.51E+07	1.12E+05	N/A	N/A	N/A	1.28E+04	N/A	7.64E+04
N/A	1.75E+07	1.70E+05	N/A	N/A	N/A	6.87E+04	N/A	6.41E+04
N/A	3.42E+07	3.26E+04	N/A	N/A	N/A	9.79E+03	N/A	5.32E+05
N/A	2.23E+07	3.91E+04	N/A	N/A	N/A	8.04E+03	N/A	3.20E+05
N/A	2.83E+07	6.09E+04	N/A	N/A	N/A	5.70E+03	N/A	7.03E+05

Gamma-gl γ Gamma-gl γ Gamma-gl γ Gamma-gl γ Geranyl-PP Glucaric ac Gluconic ac Gluconolac Glucosamir

N/A	N/A	N/A	N/A	N/A	N/A	6.86E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.91E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.48E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	8.40E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.92E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	8.58E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.13E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	7.30E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.77E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	8.22E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	9.67E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.94E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	3.75E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	4.32E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	4.54E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	7.99E+05	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	6.27E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	3.93E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	1.57E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	2.20E+06	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	5.02E+06	N/A	N/A

Glucosamin	Glutathion	Glyceric ac	Glycerol	Glycerol 3-	Glycerophc	Glycine	Glycocholic	Glycolic aci
1.03E+07	3.14E+07	6.10E+05	4.06E+07	2.78E+07	2.55E+08	7.88E+05	N/A	N/A
1.19E+07	7.15E+06	5.30E+06	1.31E+08	2.20E+06	3.26E+08	1.46E+06	N/A	N/A
3.05E+06	5.31E+07	6.70E+05	1.94E+08	7.65E+07	2.20E+08	1.09E+06	N/A	N/A
1.11E+06	8.99E+06	7.02E+05	7.37E+07	1.69E+07	8.59E+07	4.62E+05	N/A	N/A
1.34E+07	1.25E+08	4.03E+05	2.82E+08	9.18E+07	3.57E+08	1.61E+06	N/A	N/A
7.55E+07	8.96E+07	4.85E+05	3.15E+08	2.24E+08	7.74E+07	7.34E+05	N/A	N/A
5.08E+07	4.05E+07	6.89E+05	1.30E+08	2.27E+08	2.06E+07	2.01E+06	N/A	N/A
1.66E+06	9.75E+05	9.54E+04	1.67E+07	7.94E+05	5.03E+06	4.22E+04	N/A	N/A
2.73E+06	2.29E+07	4.16E+05	1.16E+08	2.24E+07	7.13E+07	6.82E+05	N/A	N/A
2.95E+06	2.43E+06	5.50E+05	6.01E+07	7.95E+05	7.07E+07	1.57E+05	N/A	N/A
4.09E+06	1.80E+07	5.64E+05	1.35E+08	6.20E+07	7.71E+07	3.99E+05	N/A	N/A
1.20E+06	2.78E+07	5.34E+05	1.55E+08	5.45E+06	8.72E+07	7.96E+05	N/A	N/A
3.66E+06	3.27E+07	4.23E+05	5.04E+07	4.83E+07	1.69E+08	4.87E+05	N/A	N/A
3.81E+06	3.13E+07	7.50E+05	8.15E+07	3.86E+07	8.43E+07	1.49E+06	N/A	N/A
1.58E+06	3.02E+06	2.76E+05	7.01E+07	4.77E+05	1.49E+08	1.32E+05	N/A	N/A
2.30E+06	3.56E+06	2.20E+05	3.54E+07	6.70E+05	9.95E+07	8.21E+04	N/A	N/A
2.70E+06	7.09E+06	4.49E+05	2.84E+07	4.89E+06	1.41E+08	1.15E+05	N/A	N/A
2.97E+06	1.34E+07	8.25E+05	1.07E+08	6.22E+06	7.14E+07	3.42E+05	N/A	N/A
3.32E+06	3.44E+07	6.69E+05	1.95E+08	2.80E+06	8.64E+07	1.01E+06	N/A	N/A
2.09E+06	5.63E+06	1.83E+06	2.62E+08	1.18E+06	8.30E+07	8.93E+05	N/A	N/A
1.55E+06	3.22E+06	4.75E+05	4.94E+07	6.54E+05	1.32E+08	2.09E+05	N/A	N/A

Glycylproli	Glyoxylic a	Guanidinoz	Guanine	Guanosine	Guanosine	Guanosine	Guanosine	Hexacosan
2.85E+04	N/A	N/A	N/A	2.70E+07	2.72E+04	1.92E+06	N/A	N/A
1.03E+05	N/A	N/A	N/A	2.72E+06	1.27E+04	1.36E+05	N/A	N/A
5.60E+04	N/A	N/A	N/A	9.94E+06	1.98E+04	5.32E+06	N/A	N/A
1.93E+04	N/A	N/A	N/A	4.99E+06	1.80E+04	5.55E+05	N/A	N/A
5.64E+04	N/A	N/A	N/A	1.81E+07	3.57E+04	8.31E+06	N/A	N/A
9.12E+04	N/A	N/A	N/A	6.18E+06	1.82E+04	7.70E+06	N/A	N/A
6.53E+04	N/A	N/A	N/A	7.46E+05	1.88E+04	3.70E+06	N/A	N/A
5.35E+03	N/A	N/A	N/A	4.88E+05	7.30E+03	4.43E+04	N/A	N/A
4.80E+04	N/A	N/A	N/A	8.70E+06	1.83E+04	2.63E+06	N/A	N/A
6.46E+04	N/A	N/A	N/A	4.08E+05	5.95E+03	4.82E+04	N/A	N/A
6.02E+04	N/A	N/A	N/A	4.45E+06	3.01E+04	5.31E+06	N/A	N/A
8.85E+04	N/A	N/A	N/A	9.89E+06	2.91E+04	2.27E+06	N/A	N/A
7.65E+04	N/A	N/A	N/A	3.98E+06	3.45E+04	1.43E+06	N/A	N/A
3.85E+04	N/A	N/A	N/A	3.67E+06	9.82E+03	1.17E+06	N/A	N/A
1.78E+04	N/A	N/A	N/A	5.42E+05	4.22E+03	4.26E+04	N/A	N/A
1.39E+04	N/A	N/A	N/A	1.87E+06	2.11E+04	1.69E+06	N/A	N/A
1.57E+04	N/A	N/A	N/A	3.09E+06	7.56E+03	6.61E+05	N/A	N/A
5.53E+04	N/A	N/A	N/A	9.51E+06	1.56E+04	2.62E+06	N/A	N/A
9.28E+04	N/A	N/A	N/A	1.48E+07	2.51E+04	1.79E+06	N/A	N/A
8.75E+04	N/A	N/A	N/A	2.39E+06	1.32E+04	5.03E+04	N/A	N/A
2.66E+04	N/A	N/A	N/A	3.10E+05	8.45E+03	1.35E+04	N/A	N/A

Hexanoylc	Hexose Dip	Hexose Dis	Hexose Dis	Hexose Mc	Hexose Po	Hippuric ac	Histamine	Homoargin
1.36E+07	1.87E+05	6.47E+05	4.74E+06	N/A	1.51E+06	N/A	1.10E+08	1.93E+06
5.26E+06	7.78E+05	3.03E+04	1.99E+07	N/A	6.51E+06	N/A	2.06E+08	2.73E+06
9.42E+07	2.40E+05	1.01E+06	2.42E+06	N/A	2.13E+06	N/A	1.51E+08	5.28E+06
6.47E+06	1.11E+05	1.31E+05	1.09E+07	N/A	2.64E+06	N/A	1.10E+08	1.45E+06
9.66E+07	1.55E+06	1.03E+06	4.58E+06	N/A	2.72E+06	N/A	8.16E+07	3.02E+06
2.40E+08	2.94E+06	5.46E+05	4.86E+06	N/A	4.44E+06	N/A	6.70E+07	3.44E+06
2.71E+08	2.01E+06	9.88E+05	2.25E+06	N/A	1.38E+06	N/A	5.02E+07	4.09E+06
4.07E+05	7.98E+04	2.39E+04	1.06E+06	N/A	6.66E+05	N/A	2.34E+06	4.84E+04
5.92E+07	1.85E+05	3.60E+05	4.31E+06	N/A	3.10E+06	N/A	5.08E+07	4.82E+06
6.98E+06	7.72E+04	2.31E+04	1.08E+06	N/A	1.44E+06	N/A	1.83E+07	4.72E+05
1.49E+08	1.06E+05	2.93E+05	6.60E+06	N/A	2.29E+06	N/A	8.80E+07	8.33E+05
7.57E+06	2.87E+05	9.02E+05	2.30E+07	N/A	6.36E+06	N/A	8.36E+07	2.95E+06
6.09E+07	1.88E+05	2.08E+05	7.52E+06	N/A	6.56E+06	N/A	3.51E+07	5.38E+06
2.05E+08	3.33E+05	4.01E+05	7.08E+06	N/A	5.46E+06	N/A	5.45E+07	2.55E+06
1.25E+06	5.78E+04	9.17E+03	7.06E+06	N/A	1.56E+06	N/A	1.12E+08	3.31E+05
1.83E+06	4.09E+06	9.13E+04	9.01E+06	N/A	4.43E+06	N/A	1.50E+07	1.86E+06
1.01E+07	1.77E+05	9.91E+04	3.98E+06	N/A	1.21E+06	N/A	3.04E+07	2.97E+05
6.64E+06	3.79E+05	3.03E+05	5.45E+06	N/A	2.40E+06	N/A	6.74E+07	1.30E+06
9.03E+07	2.06E+05	3.43E+05	6.17E+06	N/A	3.44E+06	N/A	3.76E+07	7.13E+06
4.66E+07	1.29E+05	4.18E+04	1.92E+06	N/A	1.51E+06	N/A	7.24E+07	1.97E+06
2.83E+06	1.05E+05	2.65E+04	1.82E+07	N/A	2.95E+06	N/A	6.50E+07	5.77E+05

Hypoxanth	Imidazole	Indole	Indole-3-ca	Indoxyl sul	Inosine dip	Inosine mo	Inosine triç	Inosine_ne
1.45E+08	N/A	N/A	N/A	3.58E+06	3.00E+06	2.10E+07	N/A	1.54E+08
1.98E+08	N/A	N/A	N/A	1.22E+07	4.26E+05	5.73E+05	N/A	1.33E+08
1.84E+08	N/A	N/A	N/A	2.93E+06	4.71E+06	6.52E+07	N/A	1.75E+08
1.29E+08	N/A	N/A	N/A	2.11E+06	2.74E+06	5.57E+06	N/A	1.26E+08
2.78E+08	N/A	N/A	N/A	3.69E+06	1.34E+06	9.10E+07	N/A	2.03E+08
1.84E+08	N/A	N/A	N/A	1.60E+06	1.83E+06	1.21E+08	N/A	1.99E+08
5.60E+07	N/A	N/A	N/A	2.24E+05	5.86E+06	1.40E+08	N/A	1.07E+08
2.04E+06	N/A	N/A	N/A	3.11E+04	1.17E+06	1.38E+06	N/A	1.24E+07
2.09E+08	N/A	N/A	N/A	4.98E+06	3.36E+06	5.51E+07	N/A	2.04E+08
1.00E+08	N/A	N/A	N/A	1.24E+06	1.21E+06	9.18E+05	N/A	9.32E+07
1.61E+08	N/A	N/A	N/A	1.77E+06	6.04E+06	7.53E+07	N/A	1.91E+08
2.51E+08	N/A	N/A	N/A	2.32E+06	5.81E+05	6.41E+07	N/A	2.10E+08
2.47E+08	N/A	N/A	N/A	1.44E+06	3.06E+06	2.74E+07	N/A	2.14E+08
2.87E+08	N/A	N/A	N/A	2.58E+05	3.18E+06	1.37E+07	N/A	1.82E+08
4.26E+07	N/A	N/A	N/A	4.65E+05	3.25E+05	2.84E+05	N/A	6.96E+07
7.89E+07	N/A	N/A	N/A	1.91E+06	5.88E+06	5.79E+07	N/A	1.18E+08
9.10E+07	N/A	N/A	N/A	9.06E+05	3.77E+06	1.56E+07	N/A	1.29E+08
1.85E+08	N/A	N/A	N/A	1.65E+06	1.15E+06	6.36E+07	N/A	1.89E+08
2.38E+08	N/A	N/A	N/A	4.83E+06	7.00E+05	5.53E+07	N/A	2.25E+08
1.80E+08	N/A	N/A	N/A	2.76E+06	2.98E+05	5.22E+05	N/A	1.41E+08
6.58E+07	N/A	N/A	N/A	1.31E+05	2.52E+05	1.20E+05	N/A	7.55E+07

Isocitric aci	Isovaleryl	Isovalerylgl	Itaconic aci	Ketoleucin	Kynurenic	L-Acetylcar	L-Ascorbic	L-Asparagir
2.15E+07	9.59E+07	N/A	1.16E+06	1.87E+06	N/A	1.48E+09	N/A	2.52E+06
5.63E+07	1.15E+08	N/A	1.10E+06	1.95E+06	N/A	1.33E+09	N/A	5.53E+06
4.15E+07	1.95E+08	N/A	1.09E+06	1.65E+06	N/A	1.45E+09	N/A	2.81E+06
3.81E+07	3.49E+07	N/A	1.25E+06	2.26E+06	N/A	1.49E+09	N/A	1.63E+06
5.39E+07	3.91E+08	N/A	8.90E+05	1.24E+06	N/A	1.46E+09	N/A	4.79E+06
9.04E+07	2.04E+08	N/A	1.57E+06	2.25E+06	N/A	1.33E+09	N/A	4.19E+06
9.48E+07	2.56E+08	N/A	1.10E+06	2.03E+06	N/A	1.39E+09	N/A	6.28E+06
2.42E+06	3.30E+06	N/A	7.59E+05	1.23E+06	N/A	5.32E+08	N/A	9.14E+04
7.45E+07	1.22E+08	N/A	1.20E+06	2.24E+06	N/A	1.53E+09	N/A	3.01E+06
3.82E+06	2.63E+07	N/A	8.02E+05	1.16E+06	N/A	1.26E+09	N/A	6.74E+05
2.33E+07	1.29E+08	N/A	1.11E+06	1.17E+06	N/A	1.48E+09	N/A	1.47E+06
7.40E+07	1.36E+08	N/A	1.31E+06	2.25E+06	N/A	1.41E+09	N/A	2.45E+06
4.78E+07	2.44E+08	N/A	8.45E+05	1.28E+06	N/A	1.58E+09	N/A	1.77E+06
1.44E+08	4.05E+08	N/A	1.68E+06	2.71E+06	N/A	1.44E+09	N/A	3.01E+06
1.04E+06	1.10E+07	N/A	9.19E+05	1.46E+06	N/A	8.23E+08	N/A	5.54E+05
3.49E+07	5.88E+07	N/A	1.35E+06	2.33E+06	N/A	1.44E+09	N/A	5.78E+05
2.88E+07	3.04E+07	N/A	1.31E+06	2.11E+06	N/A	1.51E+09	N/A	6.93E+05
7.28E+07	1.65E+08	N/A	1.12E+06	2.17E+06	N/A	1.57E+09	N/A	1.59E+06
6.33E+07	1.74E+08	N/A	1.07E+06	1.75E+06	N/A	1.44E+09	N/A	4.98E+06
4.83E+07	2.47E+08	N/A	1.10E+06	1.85E+06	N/A	1.34E+09	N/A	4.50E+06
3.12E+06	2.47E+07	N/A	9.56E+05	1.64E+06	N/A	1.41E+09	N/A	1.27E+06

L-Aspartic	L-Carnitine	L-Cystathio	L-Cystine	L-Glutamic	L-Glutamin	L-Glutaryl	L-Histidine	L-Histidinol
1.00E+07	3.27E+07	N/A	2.20E+06	3.74E+07	2.11E+08	3.06E+06	1.75E+07	N/A
5.34E+07	5.68E+07	N/A	2.62E+06	7.39E+07	2.98E+08	6.61E+06	3.41E+07	N/A
1.12E+07	4.38E+07	N/A	1.90E+06	5.75E+07	3.45E+08	6.55E+06	3.95E+07	N/A
3.70E+06	2.87E+07	N/A	1.44E+05	1.98E+07	2.15E+08	3.07E+06	2.38E+07	N/A
1.60E+07	7.39E+07	N/A	1.16E+06	5.66E+07	3.67E+08	1.15E+07	3.41E+07	N/A
5.66E+07	7.83E+07	N/A	1.86E+05	6.38E+07	3.68E+08	1.30E+07	4.43E+07	N/A
4.71E+07	7.31E+07	N/A	1.28E+05	6.16E+07	2.33E+08	4.91E+06	6.33E+07	N/A
4.57E+05	1.02E+07	N/A	1.28E+04	2.17E+06	8.28E+07	1.17E+06	1.94E+06	N/A
2.61E+07	6.17E+07	N/A	1.94E+05	1.85E+07	2.73E+08	5.34E+06	3.73E+07	N/A
3.71E+06	4.50E+07	N/A	3.17E+04	5.54E+06	1.87E+08	3.09E+06	1.39E+07	N/A
1.56E+07	6.85E+07	N/A	8.50E+04	2.70E+07	1.97E+08	1.26E+07	2.10E+07	N/A
1.33E+07	5.93E+07	N/A	8.51E+05	2.08E+07	2.38E+08	5.83E+06	4.38E+07	N/A
4.79E+06	7.57E+07	N/A	8.15E+04	1.50E+07	2.18E+08	1.48E+07	3.78E+07	N/A
1.06E+07	4.93E+07	N/A	3.14E+05	3.13E+07	2.46E+08	6.62E+06	5.49E+07	N/A
2.13E+06	1.27E+07	N/A	8.32E+04	5.41E+06	8.92E+07	1.42E+06	1.08E+07	N/A
2.38E+06	3.76E+07	N/A	3.93E+04	2.37E+06	1.42E+08	4.00E+06	1.56E+07	N/A
4.00E+06	4.75E+07	N/A	3.63E+04	6.02E+06	1.16E+08	1.41E+06	8.91E+06	N/A
3.91E+06	5.64E+07	N/A	3.36E+04	9.47E+06	1.78E+08	7.54E+06	3.61E+07	N/A
3.82E+07	7.15E+07	N/A	5.08E+05	3.82E+07	2.99E+08	4.92E+06	4.73E+07	N/A
2.22E+07	4.43E+07	N/A	6.29E+05	3.96E+07	2.12E+08	1.59E+07	6.75E+07	N/A
6.83E+06	3.07E+07	N/A	1.85E+05	9.29E+06	1.48E+08	1.97E+06	2.22E+07	N/A

L-Homoser	L-Kynurenin	L-Lactic aci	L-Lysine	L-Methioni	L-Palmitoyl	L-Phenylal	L-Proline	L-Serine
N/A	9.44E+06	3.18E+08	2.57E+08	9.76E+07	6.43E+07	1.08E+08	9.65E+07	7.43E+06
N/A	9.40E+06	9.31E+08	3.86E+08	1.90E+08	3.36E+07	2.12E+08	1.52E+08	1.57E+07
N/A	5.81E+06	9.32E+08	4.48E+08	1.07E+08	2.04E+08	7.35E+07	1.79E+08	8.98E+06
N/A	2.16E+06	3.23E+08	2.48E+08	7.32E+07	3.34E+07	6.94E+07	7.41E+07	5.79E+06
N/A	8.11E+06	1.10E+09	4.47E+08	1.31E+08	4.96E+08	1.30E+08	1.18E+08	8.43E+06
N/A	9.46E+05	1.06E+09	4.56E+08	8.32E+07	1.27E+09	1.01E+08	6.92E+07	1.41E+07
N/A	9.03E+05	1.12E+09	3.21E+08	1.77E+08	1.11E+09	2.24E+08	1.02E+08	1.55E+07
N/A	2.81E+05	8.96E+06	4.56E+07	2.32E+07	1.42E+07	1.29E+07	4.84E+06	3.49E+05
N/A	8.80E+05	9.69E+08	3.42E+08	1.08E+08	3.01E+08	1.20E+08	6.35E+07	1.15E+07
N/A	3.06E+05	2.67E+08	1.85E+08	6.32E+07	1.64E+07	7.13E+07	2.68E+07	2.63E+06
N/A	6.03E+05	7.09E+08	2.43E+08	1.10E+08	1.01E+09	8.90E+07	4.62E+07	6.41E+06
N/A	1.77E+06	1.12E+09	2.82E+08	1.05E+08	2.14E+08	1.32E+08	7.51E+07	8.76E+06
N/A	7.64E+05	8.49E+08	2.65E+08	7.89E+07	1.46E+08	8.28E+07	4.39E+07	6.87E+06
N/A	1.88E+06	7.73E+08	3.16E+08	2.03E+08	1.08E+08	1.97E+08	1.44E+08	1.55E+07
N/A	3.01E+05	3.63E+07	8.97E+07	4.10E+07	1.09E+07	4.73E+07	2.46E+07	2.29E+06
N/A	1.28E+06	1.82E+08	1.51E+08	5.37E+07	6.42E+07	3.47E+07	1.45E+07	1.42E+06
N/A	1.16E+06	1.31E+08	1.24E+08	6.65E+07	1.73E+08	5.14E+07	2.39E+07	2.93E+06
N/A	1.10E+06	6.58E+08	1.91E+08	7.43E+07	2.26E+08	8.78E+07	3.90E+07	4.81E+06
N/A	1.01E+06	1.07E+09	3.73E+08	1.60E+08	4.74E+08	1.69E+08	8.42E+07	1.48E+07
N/A	1.13E+06	6.17E+08	2.86E+08	3.48E+08	1.90E+08	3.16E+08	1.93E+08	2.65E+07
N/A	3.73E+05	1.00E+08	1.70E+08	1.49E+08	2.28E+07	1.19E+08	5.64E+07	6.05E+06

L-Threonin	L-Tryptoph	L-Tyrosine	L-Valine	L-isoleucin	L-leucine	LTB4	LXA4	Lanosterin
7.31E+06	1.54E+07	2.84E+06	2.60E+06	2.73E+08	3.40E+08	N/A	N/A	9.86E+05
1.53E+07	2.77E+07	5.22E+06	4.66E+06	4.17E+08	4.79E+08	N/A	N/A	1.12E+06
1.08E+07	9.33E+06	1.97E+06	2.57E+06	1.98E+08	2.53E+08	N/A	N/A	6.36E+05
6.12E+06	1.11E+07	1.73E+06	2.01E+06	2.12E+08	2.71E+08	N/A	N/A	9.28E+05
1.26E+07	1.25E+07	2.71E+06	2.85E+06	2.69E+08	3.22E+08	N/A	N/A	5.87E+05
1.44E+07	8.53E+06	1.94E+06	3.52E+06	3.37E+08	3.84E+08	N/A	N/A	3.21E+04
1.32E+07	2.60E+07	4.83E+06	5.78E+06	4.72E+08	5.41E+08	N/A	N/A	1.54E+05
3.46E+05	2.39E+06	6.41E+05	1.22E+06	2.67E+07	4.02E+07	N/A	N/A	1.07E+06
7.67E+06	1.40E+07	2.75E+06	3.09E+06	3.36E+08	3.94E+08	N/A	N/A	1.13E+06
3.08E+06	1.56E+07	2.26E+06	1.51E+06	1.81E+08	2.28E+08	N/A	N/A	6.11E+05
6.04E+06	1.31E+07	2.42E+06	2.45E+06	2.62E+08	3.05E+08	N/A	N/A	5.77E+05
1.03E+07	1.12E+07	2.22E+06	3.19E+06	3.31E+08	3.91E+08	N/A	N/A	5.82E+05
5.55E+06	1.57E+07	1.88E+06	2.28E+06	2.53E+08	2.98E+08	N/A	N/A	1.07E+06
1.46E+07	2.65E+07	4.31E+06	6.13E+06	4.46E+08	5.05E+08	N/A	N/A	8.32E+05
2.07E+06	8.11E+06	1.61E+06	1.18E+06	1.17E+08	1.70E+08	N/A	N/A	1.16E+06
1.63E+06	9.33E+06	1.25E+06	1.10E+06	8.57E+07	1.17E+08	N/A	N/A	7.03E+05
2.50E+06	8.51E+06	1.81E+06	1.34E+06	1.52E+08	2.01E+08	N/A	N/A	9.87E+05
4.28E+06	1.46E+07	1.68E+06	1.83E+06	2.29E+08	2.80E+08	N/A	N/A	9.43E+05
1.13E+07	1.50E+07	4.10E+06	4.26E+06	4.13E+08	4.71E+08	N/A	N/A	1.11E+06
2.06E+07	9.27E+07	1.05E+07	1.12E+07	6.02E+08	6.74E+08	N/A	N/A	1.40E+06
4.78E+06	2.54E+07	4.10E+06	2.53E+06	2.79E+08	3.45E+08	N/A	N/A	1.22E+06

Lathostero Linoleic aci Linoleylcar Lipoic acid LysoPC(16: LysoPC(18: LysoPC(22: LysoPC(24: Malic acid

1.12E+05	3.05E+05	4.17E+05	N/A	2.06E+05	4.02E+06	N/A	N/A	1.27E+08
1.15E+05	1.72E+06	8.18E+05	N/A	4.04E+05	5.33E+06	N/A	N/A	2.54E+08
2.10E+05	5.90E+05	1.87E+06	N/A	2.17E+05	6.67E+06	N/A	N/A	2.18E+08
9.37E+03	4.90E+05	3.49E+05	N/A	1.83E+05	3.37E+06	N/A	N/A	1.20E+08
1.76E+05	8.50E+05	8.40E+06	N/A	1.95E+05	1.78E+06	N/A	N/A	4.01E+08
6.07E+05	6.86E+05	4.70E+07	N/A	1.49E+05	9.02E+05	N/A	N/A	5.41E+08
4.06E+05	1.21E+05	4.08E+07	N/A	8.68E+04	8.47E+05	N/A	N/A	4.51E+08
3.42E+04	2.70E+06	3.15E+05	N/A	1.11E+05	5.60E+05	N/A	N/A	9.48E+06
3.39E+04	2.48E+05	4.54E+06	N/A	1.37E+05	1.10E+06	N/A	N/A	3.63E+08
1.18E+04	2.51E+06	1.68E+06	N/A	2.68E+05	1.83E+06	N/A	N/A	1.05E+08
2.84E+05	6.28E+05	4.08E+07	N/A	2.53E+05	1.20E+06	N/A	N/A	2.86E+08
4.18E+05	8.59E+05	3.61E+06	N/A	3.56E+05	2.61E+06	N/A	N/A	3.18E+08
3.91E+04	5.97E+05	8.60E+06	N/A	2.53E+05	7.97E+05	N/A	N/A	1.95E+08
6.15E+03	6.73E+05	1.52E+06	N/A	9.73E+05	3.20E+06	N/A	N/A	1.84E+08
1.15E+05	1.10E+06	1.86E+05	N/A	1.18E+05	1.32E+06	N/A	N/A	1.86E+07
2.69E+03	6.85E+05	2.28E+06	N/A	1.75E+05	1.19E+06	N/A	N/A	7.34E+07
3.74E+04	3.89E+05	1.79E+06	N/A	1.16E+05	1.58E+06	N/A	N/A	1.02E+08
3.65E+04	9.74E+05	7.11E+06	N/A	1.89E+05	2.62E+06	N/A	N/A	2.05E+08
1.36E+05	6.52E+05	1.48E+07	N/A	1.79E+05	9.30E+05	N/A	N/A	3.78E+08
4.51E+04	2.27E+06	2.46E+06	N/A	4.49E+05	1.68E+06	N/A	N/A	8.28E+07
1.49E+04	1.19E+06	5.11E+05	N/A	1.04E+05	3.28E+05	N/A	N/A	7.93E+07

Malondialc	Malonic ac	Malonylcar	Melatonin	Metanephri	Methioninε	Methylcob	Methylcyst	Methylgua
N/A	3.13E+06	2.42E+08	N/A	N/A	9.45E+04	N/A	8.54E+05	N/A
N/A	3.04E+06	2.49E+08	N/A	N/A	2.63E+05	N/A	1.52E+06	N/A
N/A	2.83E+06	3.71E+08	N/A	N/A	6.66E+05	N/A	8.00E+05	N/A
N/A	3.78E+06	3.40E+08	N/A	N/A	6.01E+04	N/A	3.79E+05	N/A
N/A	2.55E+06	4.46E+08	N/A	N/A	2.80E+05	N/A	1.12E+06	N/A
N/A	2.44E+06	5.31E+08	N/A	N/A	2.51E+05	N/A	2.19E+06	N/A
N/A	2.76E+06	3.49E+08	N/A	N/A	2.20E+05	N/A	1.24E+06	N/A
N/A	2.53E+06	5.04E+06	N/A	N/A	3.12E+04	N/A	2.34E+04	N/A
N/A	2.95E+06	2.45E+08	N/A	N/A	1.85E+05	N/A	1.21E+06	N/A
N/A	2.55E+06	1.23E+08	N/A	N/A	1.50E+05	N/A	1.97E+05	N/A
N/A	2.71E+06	3.72E+08	N/A	N/A	1.38E+05	N/A	1.03E+06	N/A
N/A	4.15E+06	3.55E+08	N/A	N/A	2.59E+05	N/A	1.47E+06	N/A
N/A	2.69E+06	3.57E+08	N/A	N/A	1.08E+05	N/A	1.14E+06	N/A
N/A	2.96E+06	6.24E+08	N/A	N/A	1.13E+05	N/A	1.19E+06	N/A
N/A	3.65E+06	5.72E+07	N/A	N/A	3.07E+04	N/A	9.40E+04	N/A
N/A	3.82E+06	6.73E+07	N/A	N/A	3.09E+05	N/A	2.73E+05	N/A
N/A	2.87E+06	2.60E+08	N/A	N/A	3.80E+04	N/A	1.79E+05	N/A
N/A	2.49E+06	2.85E+08	N/A	N/A	8.21E+04	N/A	5.65E+05	N/A
N/A	2.37E+06	2.71E+08	N/A	N/A	2.17E+05	N/A	1.64E+06	N/A
N/A	3.31E+06	4.74E+08	N/A	N/A	2.23E+05	N/A	1.20E+06	N/A
N/A	3.42E+06	8.57E+07	N/A	N/A	1.59E+05	N/A	2.10E+05	N/A

Methylmal	Methylsucc	Mevalonic	Myoinositc	Myristoylc	N-Acetyl-L-	N-Acetyl-gl	N-Acetylas	N-Acetylglu
1.48E+06	2.64E+06	N/A	1.07E+07	1.72E+07	7.17E+06	3.35E+06	1.15E+06	N/A
2.87E+06	1.08E+06	N/A	7.88E+06	1.56E+07	1.10E+07	1.04E+07	1.38E+06	N/A
6.41E+06	1.03E+06	N/A	1.63E+07	5.22E+07	6.66E+06	3.24E+06	1.69E+05	N/A
2.19E+06	1.35E+06	N/A	6.09E+06	7.01E+06	2.14E+06	1.36E+06	2.23E+05	N/A
1.83E+06	8.62E+05	N/A	1.51E+07	2.09E+08	5.82E+06	4.49E+06	1.68E+06	N/A
2.18E+06	1.22E+06	N/A	4.53E+07	6.89E+08	5.48E+06	8.96E+05	2.40E+06	N/A
8.32E+06	9.78E+05	N/A	6.94E+06	4.48E+08	1.62E+07	7.26E+05	4.82E+06	N/A
8.69E+05	9.15E+05	N/A	4.74E+05	3.48E+06	1.79E+05	1.09E+05	2.64E+03	N/A
4.33E+06	1.25E+06	N/A	4.81E+06	1.32E+08	3.37E+06	1.85E+06	1.13E+06	N/A
6.62E+05	1.27E+06	N/A	1.80E+06	1.14E+07	8.89E+04	4.52E+05	2.13E+04	N/A
4.28E+06	7.45E+05	N/A	9.08E+06	2.94E+08	2.12E+06	9.58E+05	4.36E+05	N/A
2.87E+06	1.07E+06	N/A	9.19E+06	9.63E+07	1.55E+06	1.90E+06	5.49E+05	N/A
2.49E+06	1.09E+06	N/A	8.00E+06	1.03E+08	4.53E+06	1.45E+06	6.93E+05	N/A
4.24E+06	1.00E+06	N/A	7.81E+06	5.22E+07	3.53E+06	1.16E+06	1.18E+06	N/A
7.46E+05	1.15E+06	N/A	6.52E+06	5.14E+06	4.30E+05	3.67E+05	9.54E+03	N/A
5.75E+05	9.84E+05	N/A	1.59E+06	2.67E+07	7.96E+05	2.16E+05	2.25E+05	N/A
9.57E+05	1.06E+06	N/A	8.29E+06	7.79E+07	9.71E+05	3.91E+05	1.07E+05	N/A
1.13E+06	1.17E+06	N/A	5.54E+06	1.05E+08	8.94E+06	7.05E+05	1.85E+05	N/A
2.08E+06	9.80E+05	N/A	8.36E+06	1.72E+08	4.62E+06	2.12E+06	1.52E+06	N/A
5.61E+06	1.28E+06	N/A	6.24E+06	1.36E+08	4.25E+06	2.32E+06	2.46E+05	N/A
2.64E+05	1.03E+06	N/A	5.42E+06	1.49E+07	6.88E+05	4.24E+05	1.04E+05	N/A

N-Acetylpu	N-acetylser	N-alpha-Ac	N-methylpl	N-oleoyletl	N5-Formyl- NAD+	NADH
5.25E+05 N/A	4.90E+05 N/A	N/A	2.55E+05 N/A	3.78E+05 N/A		
9.58E+05 N/A	9.25E+05 N/A	N/A	6.62E+05 N/A	1.14E+04 N/A		
1.01E+06 N/A	3.71E+05 N/A	N/A	1.40E+06 N/A	4.19E+06 N/A		
5.53E+05 N/A	3.51E+05 N/A	N/A	7.61E+03 N/A	5.28E+05 N/A		
8.76E+05 N/A	4.27E+05 N/A	N/A	9.14E+05 N/A	5.67E+05 N/A		
8.36E+05 N/A	3.19E+05 N/A	N/A	8.51E+05 N/A	3.81E+05 N/A		
6.58E+05 N/A	4.71E+05 N/A	N/A	4.14E+05 N/A	4.23E+07 N/A		
3.88E+05 N/A	9.12E+05 N/A	N/A	4.50E+05 N/A	2.27E+04 N/A		
7.07E+05 N/A	1.86E+05 N/A	N/A	2.73E+04 N/A	3.27E+06 N/A		
3.25E+05 N/A	2.74E+05 N/A	N/A	1.11E+04 N/A	3.11E+04 N/A		
5.61E+05 N/A	2.34E+05 N/A	N/A	9.38E+05 N/A	4.48E+06 N/A		
6.84E+05 N/A	2.11E+05 N/A	N/A	1.53E+06 N/A	3.26E+05 N/A		
5.12E+05 N/A	3.83E+05 N/A	N/A	2.31E+05 N/A	2.58E+06 N/A		
8.14E+05 N/A	4.24E+05 N/A	N/A	1.56E+04 N/A	1.94E+06 N/A		
4.07E+05 N/A	5.90E+04 N/A	N/A	5.57E+05 N/A	2.00E+04 N/A		
3.71E+05 N/A	8.96E+04 N/A	N/A	1.32E+03 N/A	2.19E+04 N/A		
3.70E+05 N/A	1.18E+05 N/A	N/A	8.34E+04 N/A	8.49E+04 N/A		
3.97E+05 N/A	9.85E+04 N/A	N/A	6.91E+04 N/A	5.25E+04 N/A		
8.69E+05 N/A	2.58E+05 N/A	N/A	2.74E+05 N/A	1.79E+05 N/A		
1.25E+06 N/A	1.16E+06 N/A	N/A	2.47E+05 N/A	2.49E+04 N/A		
4.59E+05 N/A	2.65E+05 N/A	N/A	3.89E+04 N/A	1.29E+04 N/A		

NADP+	NADPH	Neopterin	Niacinamid	Nicotinami	Nicotinic a	Norepinepl	Normetanε	O-Phospho
N/A	N/A	N/A	2.53E+08	N/A	N/A	N/A	N/A	1.28E+06
N/A	N/A	N/A	4.13E+08	N/A	N/A	N/A	N/A	2.98E+06
N/A	N/A	N/A	3.71E+08	N/A	N/A	N/A	N/A	1.05E+06
N/A	N/A	N/A	2.08E+08	N/A	N/A	N/A	N/A	3.71E+05
N/A	N/A	N/A	5.47E+08	N/A	N/A	N/A	N/A	1.06E+06
N/A	N/A	N/A	4.70E+08	N/A	N/A	N/A	N/A	2.35E+05
N/A	N/A	N/A	4.03E+08	N/A	N/A	N/A	N/A	3.27E+05
N/A	N/A	N/A	5.64E+06	N/A	N/A	N/A	N/A	4.27E+05
N/A	N/A	N/A	3.53E+08	N/A	N/A	N/A	N/A	2.59E+05
N/A	N/A	N/A	4.40E+07	N/A	N/A	N/A	N/A	5.33E+04
N/A	N/A	N/A	3.50E+08	N/A	N/A	N/A	N/A	2.54E+05
N/A	N/A	N/A	5.40E+08	N/A	N/A	N/A	N/A	5.00E+05
N/A	N/A	N/A	3.58E+08	N/A	N/A	N/A	N/A	1.27E+05
N/A	N/A	N/A	3.78E+08	N/A	N/A	N/A	N/A	6.75E+05
N/A	N/A	N/A	6.69E+07	N/A	N/A	N/A	N/A	1.73E+05
N/A	N/A	N/A	9.31E+07	N/A	N/A	N/A	N/A	1.78E+05
N/A	N/A	N/A	1.29E+08	N/A	N/A	N/A	N/A	1.28E+05
N/A	N/A	N/A	3.29E+08	N/A	N/A	N/A	N/A	1.77E+05
N/A	N/A	N/A	4.59E+08	N/A	N/A	N/A	N/A	4.12E+05
N/A	N/A	N/A	3.41E+08	N/A	N/A	N/A	N/A	2.20E+05
N/A	N/A	N/A	1.03E+08	N/A	N/A	N/A	N/A	1.05E+05

O-Phospho O-acetylserine	Octadecan	Octanoylca	Octulose-r	Oleic acid	Oleoylcarn	Ornithine	Orotic acid
2.66E+04 N/A	2.86E+07	1.46E+07 N/A		6.41E+05	1.42E+06 N/A		N/A
2.28E+04 N/A	1.70E+07	4.53E+06 N/A		2.43E+06	1.07E+06 N/A		N/A
2.73E+04 N/A	9.27E+07	3.53E+07 N/A		9.72E+05	7.74E+06 N/A		N/A
9.64E+03 N/A	8.27E+06	5.79E+06 N/A		9.55E+05	7.04E+05 N/A		N/A
2.71E+04 N/A	1.10E+08	5.65E+07 N/A		1.46E+06	2.77E+07 N/A		N/A
4.55E+04 N/A	2.28E+08	3.64E+08 N/A		1.44E+06	9.42E+07 N/A		N/A
3.08E+04 N/A	1.69E+08	3.74E+08 N/A		2.90E+05	5.81E+07 N/A		N/A
1.04E+04 N/A	4.24E+06	5.52E+05 N/A		1.42E+06	5.27E+05 N/A		N/A
2.85E+04 N/A	8.11E+07	6.64E+07 N/A		4.50E+05	1.34E+07 N/A		N/A
8.84E+03 N/A	8.91E+06	6.20E+06 N/A		2.36E+06	1.02E+06 N/A		N/A
3.02E+04 N/A	2.00E+08	1.54E+08 N/A		1.33E+06	8.25E+07 N/A		N/A
2.23E+04 N/A	8.39E+07	6.10E+06 N/A		1.73E+06	6.67E+06 N/A		N/A
1.84E+04 N/A	7.53E+07	1.10E+08 N/A		6.18E+05	1.06E+07 N/A		N/A
4.24E+04 N/A	4.71E+07	6.52E+07 N/A		5.90E+05	1.82E+06 N/A		N/A
6.05E+03 N/A	2.66E+06	1.05E+06 N/A		2.28E+06	4.63E+05 N/A		N/A
1.13E+04 N/A	2.74E+07	3.79E+06 N/A		2.03E+06	1.76E+06 N/A		N/A
1.44E+04 N/A	6.16E+07	1.14E+07 N/A		1.09E+06	5.99E+06 N/A		N/A
1.42E+04 N/A	8.56E+07	8.84E+06 N/A		1.51E+06	1.24E+07 N/A		N/A
8.77E+03 N/A	1.27E+08	9.26E+07 N/A		1.37E+06	3.03E+07 N/A		N/A
1.70E+04 N/A	8.37E+07	2.16E+07 N/A		3.88E+06	3.74E+06 N/A		N/A
9.25E+03 N/A	1.13E+07	3.70E+06 N/A		1.33E+06	5.25E+05 N/A		N/A

	Orotidine r	Oxalic acid	Oxaloaceti	Oxidized gl	Oxoglutaric	PA(16:0/16	PA(16:0/16	PA(16:1/16	PA(16:1/16
N/A	2.13E+05	1.32E+06	3.63E+06	N/A	5.13E+06	2.87E+05	1.68E+05	1.38E+06	
N/A	2.66E+05	5.99E+05	1.14E+07	N/A	2.87E+06	5.41E+05	1.44E+05	1.30E+06	
N/A	2.72E+05	5.08E+05	8.55E+06	N/A	3.63E+06	5.00E+05	2.16E+05	1.55E+06	
N/A	2.49E+05	5.67E+05	1.42E+06	N/A	3.38E+06	3.66E+05	1.09E+05	1.77E+06	
N/A	2.22E+05	5.38E+05	1.07E+07	N/A	2.24E+06	2.39E+05	1.11E+05	6.73E+05	
N/A	2.38E+05	6.78E+05	8.61E+06	N/A	6.62E+05	2.73E+05	7.64E+04	8.90E+05	
N/A	2.30E+05	4.70E+05	3.94E+06	N/A	2.95E+06	5.53E+05	7.73E+04	6.82E+05	
N/A	1.93E+05	2.78E+05	3.33E+04	N/A	1.71E+06	1.29E+05	2.15E+04	1.76E+05	
N/A	2.42E+05	4.97E+05	2.44E+06	N/A	2.46E+06	3.22E+05	6.93E+04	9.01E+05	
N/A	2.42E+05	4.42E+05	1.98E+05	N/A	4.41E+06	3.45E+05	1.23E+05	7.92E+05	
N/A	2.74E+05	4.06E+05	2.55E+06	N/A	2.01E+06	5.55E+05	2.41E+05	1.97E+06	
N/A	3.38E+05	4.84E+05	3.96E+06	N/A	2.08E+06	4.03E+05	2.96E+05	1.31E+06	
N/A	1.74E+05	4.39E+05	3.21E+06	N/A	1.41E+06	2.24E+05	4.87E+04	8.15E+05	
N/A	2.15E+05	6.99E+05	4.50E+06	N/A	1.59E+06	5.03E+05	1.43E+05	8.99E+05	
N/A	2.14E+05	4.12E+05	2.64E+05	N/A	9.73E+05	3.21E+05	3.03E+05	1.84E+06	
N/A	3.37E+05	4.29E+05	1.28E+06	N/A	4.47E+06	6.60E+05	3.42E+05	2.84E+06	
N/A	2.80E+05	1.68E+05	5.81E+05	N/A	1.75E+06	3.14E+05	3.20E+05	1.86E+06	
N/A	2.32E+05	3.00E+05	1.24E+06	N/A	3.64E+06	6.19E+05	1.44E+05	1.43E+06	
N/A	2.61E+05	5.89E+05	3.26E+06	N/A	1.07E+06	4.09E+05	4.51E+04	9.30E+05	
N/A	3.08E+05	3.48E+05	6.81E+05	N/A	7.88E+05	6.26E+05	5.22E+05	2.21E+06	
N/A	2.90E+05	4.32E+05	1.89E+05	N/A	1.22E+06	3.38E+05	1.66E+05	1.01E+06	

PA(18:0/1€ PA(18:0/1& PA(18:1/1& PC(16:0/1€ PC(16:0/1& PC(16:0/1& PC(16:0/2C PC(16:0/22 PC(18:0/1&

3.52E+05	3.40E+06	5.40E+07	6.31E+06	2.52E+07	1.12E+07	2.52E+06	3.71E+05	2.66E+07
2.46E+05	3.30E+06	4.75E+07	3.63E+06	1.68E+07	9.05E+06	2.95E+06	4.07E+05	1.80E+07
3.70E+05	4.04E+06	6.29E+07	4.46E+06	2.14E+07	1.05E+07	1.59E+06	4.68E+05	3.55E+07
3.91E+05	4.24E+06	5.52E+07	2.96E+06	2.14E+07	1.02E+07	2.13E+06	2.56E+05	2.23E+07
1.83E+05	2.19E+06	4.26E+07	2.54E+06	1.86E+07	9.10E+06	1.89E+06	3.47E+05	1.15E+07
1.64E+05	1.25E+06	2.90E+07	8.11E+05	1.14E+07	1.55E+07	1.88E+06	2.08E+05	7.33E+06
2.09E+05	1.54E+06	4.43E+07	3.24E+06	1.71E+07	1.56E+07	4.45E+06	5.26E+05	6.27E+06
4.07E+04	6.17E+05	1.11E+07	2.19E+06	6.97E+06	3.64E+06	4.79E+05	9.63E+04	3.09E+06
1.44E+05	2.22E+06	5.87E+07	2.49E+06	1.85E+07	1.75E+07	3.12E+06	7.36E+05	1.05E+07
2.92E+05	1.74E+06	4.77E+07	3.36E+06	1.58E+07	8.18E+06	2.24E+06	3.31E+05	1.22E+07
4.26E+05	3.33E+06	5.47E+07	2.06E+06	2.31E+07	1.08E+07	2.29E+06	3.27E+05	7.34E+06
3.02E+05	2.13E+06	4.45E+07	2.69E+06	1.80E+07	1.32E+07	1.97E+06	7.32E+05	1.09E+07
1.14E+05	1.36E+06	4.12E+07	1.78E+06	1.59E+07	1.19E+07	2.68E+06	3.83E+05	9.12E+06
2.37E+05	1.29E+06	2.88E+07	1.88E+06	1.33E+07	1.26E+07	3.57E+06	7.16E+05	5.01E+06
3.42E+05	1.75E+06	3.31E+07	1.39E+06	1.41E+07	1.16E+07	2.71E+06	7.21E+05	8.39E+06
4.17E+05	3.61E+06	7.48E+07	3.53E+06	1.95E+07	1.17E+07	2.02E+06	6.66E+05	7.42E+06
4.80E+05	2.54E+06	4.92E+07	2.25E+06	1.93E+07	1.26E+07	2.40E+06	2.34E+05	1.50E+07
3.71E+05	3.07E+06	4.57E+07	4.09E+06	1.95E+07	1.40E+07	2.70E+06	3.07E+05	1.96E+07
1.88E+05	2.29E+06	5.42E+07	1.17E+06	1.74E+07	1.10E+07	1.84E+06	4.66E+05	8.29E+06
3.78E+05	1.21E+06	3.06E+07	1.24E+06	1.51E+07	1.49E+07	4.61E+06	5.40E+05	9.16E+06
2.22E+05	1.34E+06	4.10E+07	1.14E+06	1.61E+07	1.70E+07	5.68E+06	5.60E+05	4.28E+06

	PC(18:1/22	PC(20:4/P-	PC(20:5/P-	PC(22:6/P-	PC(24:0/P-	PC(30:0)	PC(32:1)	PC(32:2)	PC(36:0)
N/A	7.49E+06	2.24E+05	1.89E+05	N/A		1.40E+06	1.06E+06	2.01E+06	1.63E+06
N/A	7.58E+06	2.52E+05	1.74E+05	N/A		1.01E+06	7.30E+05	2.32E+06	1.56E+06
N/A	9.20E+06	9.71E+05	1.90E+05	N/A		1.29E+06	1.08E+06	2.98E+06	3.34E+06
N/A	1.21E+07	2.92E+05	1.35E+05	N/A		1.46E+06	1.24E+06	2.95E+06	1.63E+06
N/A	1.16E+07	9.21E+05	1.92E+05	N/A		6.57E+05	5.86E+05	1.50E+06	2.16E+06
N/A	1.03E+07	3.17E+05	7.80E+04	N/A		3.53E+05	5.33E+05	2.94E+06	1.16E+06
N/A	2.93E+07	1.90E+06	2.56E+05	N/A		9.73E+05	1.56E+06	4.74E+06	3.50E+06
N/A	2.12E+06	4.85E+05	1.51E+05	N/A		1.22E+06	6.57E+05	2.07E+06	1.40E+06
N/A	1.92E+07	2.16E+06	3.61E+05	N/A		1.01E+06	1.06E+06	3.46E+06	4.38E+06
N/A	3.15E+07	2.34E+06	3.16E+05	N/A		1.50E+06	1.28E+06	2.60E+06	5.85E+06
N/A	2.77E+07	1.29E+06	2.47E+05	N/A		6.96E+05	1.24E+06	3.35E+06	4.06E+06
N/A	1.10E+07	2.16E+06	5.29E+05	N/A		9.10E+05	9.43E+05	2.71E+06	5.24E+06
N/A	9.10E+06	1.02E+06	3.05E+05	N/A		4.36E+05	6.30E+05	2.32E+06	3.24E+06
N/A	2.60E+07	2.00E+06	1.48E+05	N/A		1.01E+06	1.05E+06	3.70E+06	3.72E+06
N/A	1.69E+07	1.64E+06	4.24E+05	N/A		5.51E+05	6.58E+05	2.51E+06	5.06E+06
N/A	1.83E+07	3.06E+06	3.97E+05	N/A		1.58E+06	2.07E+06	3.26E+06	6.52E+06
N/A	1.68E+07	3.55E+05	1.08E+05	N/A		1.11E+06	1.98E+06	3.26E+06	1.45E+06
N/A	2.74E+07	1.37E+06	4.40E+05	N/A		1.53E+06	1.44E+06	3.70E+06	3.85E+06
N/A	1.04E+07	2.61E+06	3.38E+05	N/A		3.71E+05	4.99E+05	2.28E+06	5.04E+06
N/A	1.33E+07	3.48E+05	1.47E+05	N/A		6.07E+05	9.14E+05	4.61E+06	1.33E+06
N/A	3.73E+07	1.41E+06	1.63E+05	N/A		4.22E+05	5.90E+05	2.96E+06	3.15E+06

PC(36:1)	PC(38:5)	PC(40:6)	PE (18:0/18)	PE(20:4/18)	PE(30:1)	PE(32:1)	PE(32:2)	PE(34:1)
1.92E+07	8.75E+05	7.84E+05	5.23E+05	5.68E+06	N/A	4.24E+04	7.27E+04	1.03E+06
1.41E+07	1.04E+06	7.88E+05	5.97E+05	7.07E+06	N/A	6.42E+04	7.70E+04	1.72E+06
2.43E+07	1.24E+06	1.42E+06	1.78E+06	9.68E+06	N/A	5.94E+04	1.07E+05	1.41E+06
1.59E+07	5.39E+05	4.03E+05	7.74E+05	8.46E+06	N/A	3.82E+04	4.89E+04	9.05E+05
8.31E+06	8.30E+05	5.55E+05	6.80E+05	2.05E+06	N/A	2.56E+04	1.75E+04	1.06E+06
4.34E+06	2.61E+05	9.78E+04	5.87E+05	4.84E+06	N/A	2.53E+04	2.51E+04	5.28E+05
4.06E+06	8.30E+05	5.47E+05	1.15E+06	4.14E+06	N/A	1.83E+04	1.29E+04	6.10E+05
2.65E+06	1.97E+05	1.51E+05	1.76E+05	8.22E+05	N/A	7.44E+05	2.74E+05	1.00E+06
7.26E+06	1.06E+06	7.94E+05	1.77E+06	4.26E+06	N/A	2.67E+04	1.47E+04	7.63E+05
9.11E+06	8.51E+05	5.78E+05	2.47E+06	4.65E+06	N/A	4.97E+04	9.57E+04	2.25E+06
5.20E+06	7.12E+05	4.52E+05	1.27E+06	7.99E+06	N/A	2.97E+04	5.81E+04	8.41E+05
7.64E+06	1.54E+06	1.09E+06	1.61E+06	3.28E+06	N/A	4.19E+04	2.83E+04	9.01E+05
5.83E+06	7.44E+05	3.49E+05	6.50E+05	4.51E+06	N/A	1.73E+04	8.69E+03	6.23E+05
3.50E+06	1.11E+06	6.30E+05	1.38E+06	5.11E+06	N/A	5.30E+04	1.85E+04	1.05E+06
5.73E+06	1.29E+06	8.61E+05	1.14E+06	4.28E+06	N/A	3.85E+04	7.43E+04	5.55E+05
7.16E+06	1.06E+06	7.97E+05	3.19E+06	6.92E+06	N/A	7.36E+04	1.14E+05	2.18E+06
9.99E+06	3.37E+05	2.59E+05	3.57E+05	5.19E+06	N/A	1.54E+04	8.78E+04	4.80E+05
1.22E+07	8.76E+05	6.41E+05	1.09E+06	4.87E+06	N/A	4.21E+04	5.47E+04	9.79E+05
5.64E+06	9.79E+05	6.46E+05	1.52E+06	4.25E+06	N/A	1.40E+04	1.12E+04	6.67E+05
5.55E+06	8.50E+05	2.95E+05	8.11E+05	1.06E+07	N/A	2.99E+04	1.24E+05	7.88E+05
3.33E+06	9.07E+05	3.61E+05	1.02E+06	4.44E+06	N/A	4.53E+04	4.77E+04	8.13E+05

PE(34:2)	PE(36:1)	PE(36:2)	PE(36:3)	PE(36:4)	PG(16:0/16:1)	PG(32:1)	PG(32:2)	PG(34:1)
4.58E+05	1.89E+06	7.28E+06	1.02E+07	2.34E+06	N/A	8.39E+04	7.48E+04	9.09E+06
7.02E+05	4.38E+06	9.82E+06	9.47E+06	2.76E+06	N/A	1.31E+05	1.17E+05	9.08E+06
5.90E+05	1.31E+06	8.00E+06	1.43E+07	3.80E+06	N/A	1.21E+05	5.15E+04	1.26E+07
4.26E+05	1.53E+06	7.60E+06	1.46E+07	2.55E+06	N/A	5.62E+04	4.12E+04	1.14E+07
2.03E+05	2.22E+06	6.01E+06	3.97E+06	1.95E+06	N/A	4.27E+04	2.66E+04	4.54E+06
2.89E+05	1.95E+06	6.75E+06	8.62E+06	2.56E+06	N/A	9.27E+04	3.54E+04	7.39E+06
1.56E+05	1.28E+06	1.76E+06	3.60E+06	5.87E+06	N/A	1.95E+04	1.43E+04	6.58E+06
4.49E+05	1.28E+06	2.86E+06	3.38E+06	8.38E+05	N/A	1.06E+05	1.91E+05	6.16E+06
2.31E+05	1.15E+06	6.56E+06	6.32E+06	1.87E+06	N/A	4.06E+04	1.52E+04	6.50E+06
5.73E+05	3.56E+06	7.81E+06	6.41E+06	3.94E+06	N/A	1.40E+05	7.12E+04	8.55E+06
4.11E+05	1.49E+06	7.42E+06	1.33E+07	6.35E+06	N/A	1.99E+05	5.84E+04	1.44E+07
1.75E+05	1.87E+06	3.81E+06	4.24E+06	1.91E+06	N/A	5.97E+04	4.21E+04	5.63E+06
1.24E+05	1.68E+06	6.22E+06	8.82E+06	2.23E+06	N/A	5.13E+04	2.61E+04	4.87E+06
2.99E+05	1.88E+06	3.51E+06	5.77E+06	5.38E+06	N/A	1.31E+05	5.27E+04	9.11E+06
3.11E+05	2.09E+06	5.43E+06	4.84E+06	2.59E+06	N/A	6.42E+04	4.42E+04	3.78E+06
5.21E+05	7.02E+06	1.14E+07	7.80E+06	6.09E+06	N/A	2.50E+05	2.44E+05	1.91E+07
5.49E+05	1.99E+06	4.78E+06	8.51E+06	1.37E+06	N/A	1.74E+05	1.22E+05	1.23E+07
5.04E+05	3.31E+06	5.29E+06	7.21E+06	3.55E+06	N/A	2.20E+05	7.57E+04	2.08E+07
2.02E+05	2.02E+06	6.50E+06	7.88E+06	2.10E+06	N/A	4.32E+04	1.09E+04	3.30E+06
7.59E+05	3.39E+06	7.76E+06	1.27E+07	3.54E+06	N/A	2.26E+05	1.93E+05	1.08E+07
3.77E+05	2.12E+06	4.57E+06	4.23E+06	5.59E+06	N/A	7.46E+04	4.00E+04	5.74E+06

PG(34:2)	PG(36:1)	PG(36:2)	PG(36:3)	PG(38:4)	PG(44:12)	PGF2alpha	PI(16:0/16:PI(30:1)
1.02E+06	3.02E+05	9.04E+05	2.38E+05	7.59E+04	N/A	2.98E+05	3.44E+06 N/A
1.65E+06	2.20E+05	4.46E+05	2.64E+05	9.06E+04	N/A	7.66E+05	9.57E+05 N/A
5.95E+05	1.04E+05	2.95E+05	1.40E+05	4.05E+04	N/A	2.74E+05	4.63E+06 N/A
5.04E+05	1.86E+05	5.43E+05	1.33E+05	3.66E+04	N/A	3.11E+05	3.00E+06 N/A
1.72E+05	5.02E+04	1.84E+05	4.00E+04	1.55E+04	N/A	2.37E+05	1.13E+06 N/A
4.03E+05	6.27E+04	1.10E+05	9.46E+04	5.28E+03	N/A	2.40E+05	6.75E+05 N/A
2.17E+05	1.57E+05	2.66E+05	4.47E+04	5.08E+04	N/A	2.53E+05	4.72E+05 N/A
4.98E+05	1.84E+05	5.59E+05	1.26E+06	1.50E+05	N/A	3.14E+05	3.23E+05 N/A
2.54E+05	1.70E+05	6.36E+05	1.14E+05	8.08E+04	N/A	2.72E+05	7.50E+05 N/A
3.71E+05	1.23E+05	2.11E+05	1.62E+05	3.28E+04	N/A	5.78E+05	1.36E+06 N/A
5.79E+05	4.99E+04	2.53E+05	1.06E+05	1.67E+04	N/A	3.03E+05	2.35E+06 N/A
4.05E+05	6.36E+04	2.44E+05	5.55E+04	2.48E+04	N/A	3.20E+05	5.16E+05 N/A
4.18E+05	7.55E+04	3.91E+05	2.00E+05	2.96E+04	N/A	3.07E+05	7.53E+05 N/A
4.86E+05	8.73E+04	2.44E+05	1.36E+05	1.26E+05	N/A	2.37E+05	3.70E+06 N/A
4.98E+05	3.56E+04	1.26E+05	6.49E+04	7.27E+04	N/A	2.25E+05	1.66E+05 N/A
2.29E+06	1.79E+05	3.48E+05	1.28E+05	1.48E+05	N/A	2.24E+05	3.09E+06 N/A
1.83E+06	2.65E+05	7.85E+05	1.59E+05	4.39E+04	N/A	2.25E+05	8.42E+05 N/A
9.48E+05	2.21E+05	4.17E+05	1.32E+05	1.19E+05	N/A	3.04E+05	1.96E+06 N/A
2.02E+05	5.78E+04	1.40E+05	4.63E+04	1.60E+04	N/A	2.77E+05	2.42E+05 N/A
1.35E+06	1.28E+05	3.20E+05	6.29E+04	2.34E+04	N/A	3.38E+05	5.23E+05 N/A
3.43E+05	4.42E+04	7.09E+04	4.31E+04	4.61E+04	N/A	3.73E+05	5.70E+05 N/A

PI(32:2)	PI(34:0)	PI(34:1)	PI(34:2)	PI(36:0)	PI(36:1)	PI(36:2)	PI(36:4)	PI(38:3)
N/A	2.65E+06	2.63E+07	5.24E+06	2.37E+06	2.28E+07	2.47E+07	4.27E+07	1.35E+08
N/A	1.05E+06	1.19E+07	2.48E+06	1.10E+06	1.14E+07	1.15E+07	2.09E+07	9.06E+07
N/A	2.71E+06	2.81E+07	5.67E+06	1.49E+06	1.19E+07	1.97E+07	2.94E+07	1.20E+08
N/A	2.26E+06	1.82E+07	3.72E+06	2.22E+06	2.31E+07	2.37E+07	2.13E+07	1.27E+08
N/A	1.12E+06	1.13E+07	1.87E+06	1.41E+06	1.41E+07	1.15E+07	9.14E+06	8.26E+07
N/A	9.58E+05	7.58E+06	1.50E+06	2.26E+06	2.37E+07	1.22E+07	4.34E+06	8.08E+07
N/A	4.77E+05	3.96E+06	7.61E+05	1.99E+06	1.69E+07	5.69E+06	1.10E+07	1.35E+08
N/A	2.79E+05	3.29E+06	3.06E+05	2.16E+06	2.13E+07	5.52E+06	6.59E+06	5.92E+07
N/A	1.30E+06	1.32E+07	2.03E+06	2.74E+06	2.62E+07	2.03E+07	7.89E+06	1.30E+08
N/A	1.81E+06	1.69E+07	6.16E+06	3.59E+06	3.55E+07	2.30E+07	2.22E+07	1.53E+08
N/A	2.46E+06	1.87E+07	8.12E+06	2.60E+06	2.62E+07	3.33E+07	1.52E+07	1.15E+08
N/A	1.13E+06	7.83E+06	1.55E+06	1.53E+06	1.40E+07	7.81E+06	5.83E+06	7.93E+07
N/A	1.67E+06	1.30E+07	3.44E+06	3.28E+06	3.87E+07	3.84E+07	6.56E+06	7.97E+07
N/A	5.55E+06	2.90E+07	3.73E+06	3.61E+06	3.46E+07	2.00E+07	2.22E+07	1.06E+08
N/A	4.27E+05	5.17E+06	8.30E+06	8.67E+05	8.39E+06	2.39E+07	1.21E+07	5.87E+07
N/A	1.42E+07	3.34E+07	1.26E+07	1.18E+07	8.05E+07	5.13E+07	1.76E+07	1.49E+08
N/A	3.00E+06	7.97E+06	3.70E+06	9.22E+06	7.53E+07	2.48E+07	1.19E+07	1.44E+08
N/A	2.05E+06	1.98E+07	7.69E+06	2.50E+06	2.79E+07	2.85E+07	2.01E+07	1.43E+08
N/A	6.17E+05	7.64E+06	1.35E+06	2.33E+06	2.39E+07	1.59E+07	4.51E+06	8.85E+07
N/A	9.78E+05	5.76E+06	2.66E+06	1.55E+06	1.66E+07	8.16E+06	7.26E+06	6.17E+07
N/A	1.35E+06	9.44E+06	2.22E+06	2.90E+06	2.67E+07	1.51E+07	1.44E+07	9.84E+07

PI(38:4)	PI(38:5)	PI(40:5)	PS(18:0/18	PS(18:0/20	PS(32:0)	PS(32:2)	PS(34:1)	PS(34:2)
2.41E+08	6.19E+07	1.21E+07	2.10E+08	1.93E+08	1.06E+06	N/A	4.28E+05	3.35E+05
1.71E+08	4.60E+07	9.07E+06	1.03E+08	6.57E+07	3.36E+05	N/A	1.12E+05	8.20E+04
2.23E+08	5.66E+07	2.71E+07	1.26E+08	1.38E+08	1.66E+05	N/A	1.33E+05	1.01E+05
2.24E+08	4.92E+07	1.28E+07	2.29E+08	1.54E+08	1.09E+05	N/A	1.89E+05	1.39E+05
1.51E+08	1.61E+07	8.87E+06	1.08E+08	2.41E+07	1.21E+05	N/A	1.01E+05	6.03E+04
1.39E+08	1.62E+07	8.95E+06	1.02E+08	2.22E+07	4.57E+04	N/A	5.88E+04	8.92E+04
2.66E+08	4.03E+07	7.73E+07	8.63E+07	4.70E+07	9.45E+04	N/A	1.21E+05	1.23E+05
1.12E+08	1.49E+07	1.31E+07	1.48E+08	1.59E+07	1.05E+05	N/A	1.58E+05	1.31E+05
2.27E+08	3.91E+07	5.69E+07	9.68E+07	5.54E+07	9.67E+04	N/A	1.11E+05	8.81E+04
2.75E+08	3.98E+07	5.73E+07	6.33E+07	5.62E+07	1.53E+05	N/A	1.99E+05	2.26E+05
2.21E+08	5.70E+07	2.25E+07	7.57E+07	6.80E+07	1.20E+05	N/A	1.45E+05	2.17E+05
1.42E+08	1.72E+07	2.02E+07	5.67E+07	2.31E+07	4.37E+04	N/A	5.22E+04	3.37E+04
1.53E+08	3.96E+07	2.10E+07	1.90E+08	7.01E+07	2.70E+05	N/A	2.42E+05	2.65E+05
1.89E+08	3.59E+07	4.38E+07	1.58E+08	1.25E+08	3.02E+05	N/A	2.73E+05	2.52E+05
1.22E+08	3.75E+07	1.51E+07	8.28E+07	3.74E+07	6.16E+04	N/A	2.17E+05	2.41E+05
2.55E+08	4.60E+07	7.73E+07	3.21E+08	2.22E+08	4.66E+05	N/A	4.85E+05	2.60E+05
2.31E+08	6.53E+07	1.60E+07	1.76E+08	7.51E+07	2.48E+05	N/A	4.42E+05	2.78E+05
2.66E+08	5.79E+07	5.70E+07	1.66E+08	8.49E+07	2.61E+05	N/A	3.10E+05	2.74E+05
1.60E+08	2.45E+07	2.64E+07	7.69E+07	2.51E+07	5.45E+04	N/A	6.35E+04	5.98E+04
1.29E+08	3.18E+07	7.65E+06	5.37E+07	1.53E+07	1.70E+04	N/A	3.25E+04	3.19E+04
1.83E+08	3.13E+07	2.35E+07	7.29E+07	3.69E+07	6.71E+04	N/A	1.12E+05	1.44E+05

PS(36:0)	PS(36:2)	Palmitoyl	Pantotheni	Phenylacet	Phenyllacti	Phosphoer	Phosphoryl	Pimelylcarr
4.61E+06	3.69E+08	4.44E+05	1.62E+07	N/A	N/A	1.73E+06	6.59E+07	4.78E+06
1.69E+06	1.51E+08	3.15E+05	1.84E+07	N/A	N/A	9.69E+06	9.15E+07	1.48E+07
2.42E+06	2.79E+08	3.13E+05	1.72E+07	N/A	N/A	6.01E+05	3.42E+07	2.03E+06
3.55E+06	4.49E+08	1.06E+04	1.23E+07	N/A	N/A	8.16E+05	1.60E+07	3.68E+06
1.62E+06	1.87E+08	2.23E+05	1.63E+07	N/A	N/A	1.37E+05	3.55E+07	1.35E+07
1.34E+06	3.09E+08	2.02E+05	2.81E+07	N/A	N/A	1.93E+05	1.85E+07	8.48E+07
1.87E+06	1.44E+08	2.57E+05	1.68E+07	N/A	N/A	1.14E+06	6.10E+07	1.42E+08
2.20E+06	2.45E+08	1.29E+06	3.95E+05	N/A	N/A	3.04E+04	9.80E+07	2.54E+05
1.65E+06	2.19E+08	1.70E+04	1.80E+07	N/A	N/A	6.35E+05	1.90E+07	1.28E+07
1.47E+06	9.40E+07	8.00E+03	2.59E+06	N/A	N/A	3.72E+04	9.37E+06	8.52E+06
1.11E+06	1.96E+08	5.49E+06	2.86E+07	N/A	N/A	6.13E+05	9.01E+06	3.90E+07
9.35E+05	1.05E+08	2.78E+05	1.93E+07	N/A	N/A	1.54E+05	1.76E+07	1.28E+07
2.55E+06	5.26E+08	4.27E+04	5.62E+07	N/A	N/A	1.80E+05	7.80E+06	3.73E+07
3.91E+06	4.95E+08	1.13E+04	3.39E+07	N/A	N/A	2.70E+05	1.82E+07	2.84E+07
1.21E+06	1.84E+08	3.06E+05	2.89E+06	N/A	N/A	3.99E+04	6.83E+06	5.35E+05
6.87E+06	4.15E+08	3.15E+03	2.76E+06	N/A	N/A	7.73E+05	4.55E+06	6.05E+06
3.78E+06	4.57E+08	5.10E+04	4.86E+06	N/A	N/A	5.67E+05	6.46E+06	4.13E+07
3.33E+06	2.62E+08	6.92E+04	4.96E+06	N/A	N/A	6.26E+05	1.30E+07	3.30E+07
1.09E+06	2.10E+08	1.75E+05	2.75E+07	N/A	N/A	3.56E+05	2.34E+07	1.58E+07
8.72E+05	1.26E+08	1.16E+05	4.44E+07	N/A	N/A	4.02E+05	3.02E+07	5.04E+07
1.08E+06	1.80E+08	7.06E+04	3.82E+06	N/A	N/A	1.38E+05	6.53E+06	3.86E+06

Pipecolic a Plasmaloge Plasmaloge Plasmaloge Plasmaloge Propionic a Propionylc Prostaglanı Prostaglanı

N/A	2.98E+07	1.64E+06	4.14E+07	1.48E+06	N/A	4.26E+08	N/A	N/A
N/A	4.26E+07	8.65E+05	4.17E+07	9.73E+05	N/A	4.84E+08	N/A	N/A
N/A	3.13E+07	6.69E+06	5.02E+07	3.35E+06	N/A	5.65E+08	N/A	N/A
N/A	2.84E+07	1.36E+06	4.95E+07	9.89E+05	N/A	5.89E+08	N/A	N/A
N/A	3.13E+07	3.19E+06	4.24E+07	2.40E+06	N/A	5.29E+08	N/A	N/A
N/A	2.63E+07	3.60E+06	4.56E+07	1.89E+06	N/A	6.75E+08	N/A	N/A
N/A	4.43E+07	6.04E+06	5.27E+07	4.50E+06	N/A	5.67E+08	N/A	N/A
N/A	7.39E+06	6.24E+05	9.75E+06	1.22E+06	N/A	3.81E+07	N/A	N/A
N/A	2.38E+07	5.29E+06	3.39E+07	3.26E+06	N/A	5.94E+08	N/A	N/A
N/A	4.80E+07	9.66E+06	7.02E+07	5.25E+06	N/A	3.14E+08	N/A	N/A
N/A	2.51E+07	3.02E+06	4.65E+07	1.60E+06	N/A	6.05E+08	N/A	N/A
N/A	3.49E+07	5.76E+06	5.06E+07	4.98E+06	N/A	6.04E+08	N/A	N/A
N/A	2.27E+07	3.19E+05	2.72E+07	8.01E+05	N/A	9.32E+08	N/A	N/A
N/A	3.75E+07	6.46E+06	6.01E+07	3.78E+06	N/A	8.79E+08	N/A	N/A
N/A	3.44E+07	2.81E+06	3.71E+07	3.16E+06	N/A	5.07E+08	N/A	N/A
N/A	3.96E+07	4.03E+06	4.08E+07	4.56E+06	N/A	3.90E+08	N/A	N/A
N/A	3.64E+07	4.32E+05	4.20E+07	6.17E+05	N/A	5.61E+08	N/A	N/A
N/A	5.63E+07	2.07E+06	5.95E+07	2.69E+06	N/A	6.10E+08	N/A	N/A
N/A	2.35E+07	3.98E+06	3.36E+07	2.99E+06	N/A	6.18E+08	N/A	N/A
N/A	4.18E+07	9.86E+05	4.84E+07	1.19E+06	N/A	8.00E+08	N/A	N/A
N/A	3.86E+07	1.98E+06	4.71E+07	2.14E+06	N/A	4.57E+08	N/A	N/A

Prostaglan	Pseudouric	Purine	Pyridoxal	Pyridoxal 5	Pyridoxami	Pyridoxine	Pyroglutar	Pyrophosp
N/A	N/A	2.62E+06	N/A	N/A	3.49E+05	N/A	7.67E+05	4.24E+06
N/A	N/A	5.93E+06	N/A	N/A	7.13E+05	N/A	2.18E+06	2.46E+07
N/A	N/A	1.83E+06	N/A	N/A	1.27E+06	N/A	1.49E+06	2.69E+07
N/A	N/A	1.97E+06	N/A	N/A	3.27E+05	N/A	5.56E+05	7.12E+06
N/A	N/A	3.12E+06	N/A	N/A	4.58E+05	N/A	2.67E+06	6.71E+07
N/A	N/A	2.26E+06	N/A	N/A	1.89E+05	N/A	1.22E+06	2.70E+07
N/A	N/A	6.47E+06	N/A	N/A	4.41E+05	N/A	5.40E+05	3.44E+07
N/A	N/A	5.07E+05	N/A	N/A	4.83E+05	N/A	4.74E+04	1.18E+06
N/A	N/A	2.73E+06	N/A	N/A	4.68E+05	N/A	8.66E+05	2.91E+07
N/A	N/A	1.57E+06	N/A	N/A	1.81E+06	N/A	2.42E+05	2.75E+06
N/A	N/A	1.91E+06	N/A	N/A	5.40E+05	N/A	3.85E+05	1.00E+07
N/A	N/A	2.91E+06	N/A	N/A	4.27E+05	N/A	6.38E+05	3.59E+07
N/A	N/A	1.98E+06	N/A	N/A	1.14E+06	N/A	7.24E+05	2.39E+07
N/A	N/A	5.68E+06	N/A	N/A	6.79E+05	N/A	1.15E+06	4.41E+07
N/A	N/A	1.03E+06	N/A	N/A	7.42E+05	N/A	5.70E+04	5.89E+05
N/A	N/A	9.36E+05	N/A	N/A	2.64E+05	N/A	1.58E+05	1.96E+06
N/A	N/A	1.21E+06	N/A	N/A	2.61E+05	N/A	1.45E+05	2.19E+06
N/A	N/A	1.96E+06	N/A	N/A	2.68E+05	N/A	2.13E+05	1.13E+07
N/A	N/A	4.25E+06	N/A	N/A	7.98E+05	N/A	6.55E+05	4.76E+07
N/A	N/A	1.17E+07	N/A	N/A	7.73E+06	N/A	4.54E+05	1.53E+07
N/A	N/A	2.54E+06	N/A	N/A	9.87E+05	N/A	2.85E+05	1.53E+06

Pyruvic aci	Quinolinic	Resolvin D:	Retinal	Retinol	Riboflavin	Ribose 5-pl	S-Adenosyl	S-Adenosyl
2.09E+07	4.30E+05	N/A	N/A	N/A	1.93E+06	1.31E+06	6.75E+06	N/A
2.83E+07	2.81E+05	N/A	N/A	N/A	4.80E+06	9.99E+05	3.47E+06	N/A
3.40E+07	4.19E+05	N/A	N/A	N/A	1.45E+06	9.79E+05	6.99E+06	N/A
2.17E+07	2.75E+05	N/A	N/A	N/A	2.49E+06	8.91E+05	5.25E+06	N/A
2.97E+07	1.62E+05	N/A	N/A	N/A	9.07E+05	5.70E+05	5.89E+06	N/A
2.30E+07	2.12E+05	N/A	N/A	N/A	5.82E+05	2.17E+05	5.16E+06	N/A
2.82E+07	1.78E+05	N/A	N/A	N/A	6.07E+05	4.49E+05	3.49E+06	N/A
2.93E+07	2.33E+05	N/A	N/A	N/A	7.21E+05	1.12E+06	4.97E+05	N/A
2.29E+07	1.64E+05	N/A	N/A	N/A	1.07E+06	9.12E+05	4.02E+06	N/A
2.33E+07	2.36E+05	N/A	N/A	N/A	9.40E+06	8.58E+05	2.36E+06	N/A
2.84E+07	2.32E+05	N/A	N/A	N/A	1.38E+06	1.12E+06	7.43E+06	N/A
3.43E+07	2.32E+05	N/A	N/A	N/A	1.87E+06	7.56E+05	4.22E+06	N/A
2.01E+07	2.07E+05	N/A	N/A	N/A	2.20E+06	6.67E+05	7.39E+06	N/A
6.30E+07	1.47E+05	N/A	N/A	N/A	7.87E+06	6.15E+05	4.05E+06	N/A
2.89E+07	1.85E+05	N/A	N/A	N/A	1.91E+06	1.38E+06	1.79E+06	N/A
3.18E+07	2.33E+05	N/A	N/A	N/A	9.66E+05	7.44E+05	2.49E+06	N/A
4.40E+07	2.86E+05	N/A	N/A	N/A	1.09E+06	1.18E+06	5.65E+06	N/A
2.85E+07	2.20E+05	N/A	N/A	N/A	1.36E+06	8.50E+05	6.29E+06	N/A
3.03E+07	1.31E+05	N/A	N/A	N/A	1.54E+06	7.02E+05	4.56E+06	N/A
3.56E+07	3.38E+05	N/A	N/A	N/A	9.28E+06	1.07E+06	7.35E+06	N/A
2.92E+07	2.68E+05	N/A	N/A	N/A	4.17E+06	1.17E+06	1.78E+06	N/A

Saccharopi Salicyluric ȃ Sarcosine Sebacic aci Sedoheptu Selenomet Serotonin Shikimateȃ Shikimic ac

3.42E+06 N/A	2.08E+08 N/A	3.13E+06 N/A	1.04E+06 N/A	N/A
5.02E+06 N/A	2.81E+08 N/A	1.33E+07 N/A	1.60E+06 N/A	N/A
2.53E+07 N/A	2.79E+08 N/A	5.45E+06 N/A	1.39E+06 N/A	N/A
9.01E+06 N/A	2.20E+08 N/A	2.54E+06 N/A	8.82E+05 N/A	N/A
1.11E+07 N/A	3.40E+08 N/A	2.68E+06 N/A	1.47E+06 N/A	N/A
2.13E+07 N/A	3.59E+08 N/A	2.73E+06 N/A	1.19E+06 N/A	N/A
2.06E+06 N/A	3.31E+08 N/A	7.22E+05 N/A	1.15E+06 N/A	N/A
1.56E+05 N/A	1.28E+07 N/A	8.91E+04 N/A	1.14E+06 N/A	N/A
5.42E+05 N/A	2.87E+08 N/A	3.18E+06 N/A	1.25E+06 N/A	N/A
2.15E+05 N/A	1.04E+08 N/A	1.66E+06 N/A	8.87E+05 N/A	N/A
1.63E+06 N/A	2.81E+08 N/A	2.65E+06 N/A	8.50E+05 N/A	N/A
1.49E+06 N/A	3.17E+08 N/A	6.16E+06 N/A	1.71E+06 N/A	N/A
1.52E+06 N/A	3.17E+08 N/A	2.37E+06 N/A	1.31E+06 N/A	N/A
8.06E+05 N/A	3.20E+08 N/A	2.09E+06 N/A	9.33E+05 N/A	N/A
3.28E+05 N/A	4.81E+07 N/A	4.54E+05 N/A	1.10E+06 N/A	N/A
3.14E+05 N/A	1.57E+08 N/A	1.26E+06 N/A	9.62E+05 N/A	N/A
2.01E+06 N/A	1.69E+08 N/A	1.81E+06 N/A	9.56E+05 N/A	N/A
1.72E+06 N/A	2.59E+08 N/A	2.15E+06 N/A	9.75E+05 N/A	N/A
8.21E+05 N/A	3.11E+08 N/A	7.29E+06 N/A	1.38E+06 N/A	N/A
2.46E+07 N/A	2.83E+08 N/A	7.33E+06 N/A	8.47E+05 N/A	N/A
2.93E+05 N/A	1.10E+08 N/A	3.70E+06 N/A	1.14E+06 N/A	N/A

Spermidine	Spermine	Sphinganine	Sphingosin	Sphingosin	Suberic Aci	Suberylcari	Succinic aci	THC 18:1/1
N/A	N/A	7.88E+05	2.31E+06	N/A	N/A	N/A	2.47E+06	1.74E+05
N/A	N/A	4.83E+05	2.71E+06	N/A	N/A	N/A	6.21E+06	7.64E+04
N/A	N/A	1.80E+05	5.00E+05	N/A	N/A	N/A	1.37E+07	1.12E+05
N/A	N/A	1.71E+05	6.28E+05	N/A	N/A	N/A	5.13E+06	1.46E+05
N/A	N/A	1.04E+05	3.46E+05	N/A	N/A	N/A	3.73E+06	5.24E+04
N/A	N/A	6.55E+04	3.99E+05	N/A	N/A	N/A	4.03E+06	1.94E+04
N/A	N/A	1.22E+05	1.03E+06	N/A	N/A	N/A	1.63E+07	1.38E+05
N/A	N/A	5.41E+06	2.50E+06	N/A	N/A	N/A	4.77E+05	1.75E+05
N/A	N/A	1.55E+05	3.46E+05	N/A	N/A	N/A	7.89E+06	2.27E+04
N/A	N/A	6.29E+05	1.05E+07	N/A	N/A	N/A	7.35E+05	1.26E+05
N/A	N/A	1.43E+05	5.54E+05	N/A	N/A	N/A	8.74E+06	4.85E+04
N/A	N/A	1.18E+05	4.56E+05	N/A	N/A	N/A	5.28E+06	1.12E+05
N/A	N/A	1.06E+05	1.31E+05	N/A	N/A	N/A	4.90E+06	1.99E+04
N/A	N/A	2.55E+05	1.45E+05	N/A	N/A	N/A	9.09E+06	9.95E+04
N/A	N/A	3.51E+05	6.18E+05	N/A	N/A	N/A	2.42E+06	4.36E+04
N/A	N/A	1.43E+05	3.59E+05	N/A	N/A	N/A	1.34E+06	3.38E+05
N/A	N/A	1.93E+05	6.10E+05	N/A	N/A	N/A	9.41E+05	1.23E+05
N/A	N/A	1.29E+05	7.04E+05	N/A	N/A	N/A	2.36E+06	8.73E+04
N/A	N/A	1.62E+05	5.82E+05	N/A	N/A	N/A	5.01E+06	2.26E+04
N/A	N/A	5.55E+05	9.97E+05	N/A	N/A	N/A	1.26E+07	2.91E+04
N/A	N/A	2.92E+05	6.68E+05	N/A	N/A	N/A	1.74E+06	3.24E+04

THC 18:1/1	THC 18:1/2	THC 18:1/2	THC 18:1/2	THC 18:1/2	Taurine	Taurocholi	Taurodeox	Testostero
7.16E+04	N/A	N/A	9.05E+05	N/A	3.30E+08	N/A	N/A	N/A
1.76E+04	N/A	N/A	2.68E+05	N/A	3.85E+08	N/A	N/A	N/A
5.27E+04	N/A	N/A	6.87E+05	N/A	3.90E+08	N/A	N/A	N/A
7.09E+04	N/A	N/A	4.67E+05	N/A	3.26E+08	N/A	N/A	N/A
9.78E+03	N/A	N/A	6.56E+04	N/A	3.39E+08	N/A	N/A	N/A
2.97E+03	N/A	N/A	4.40E+04	N/A	1.79E+08	N/A	N/A	N/A
1.53E+04	N/A	N/A	1.87E+05	N/A	3.47E+08	N/A	N/A	N/A
1.53E+04	N/A	N/A	6.46E+04	N/A	1.43E+07	N/A	N/A	N/A
1.74E+04	N/A	N/A	1.15E+05	N/A	3.26E+08	N/A	N/A	N/A
2.42E+04	N/A	N/A	9.43E+04	N/A	2.48E+08	N/A	N/A	N/A
1.56E+04	N/A	N/A	1.53E+05	N/A	3.60E+08	N/A	N/A	N/A
1.29E+04	N/A	N/A	9.15E+04	N/A	3.97E+08	N/A	N/A	N/A
1.26E+04	N/A	N/A	7.16E+04	N/A	3.72E+08	N/A	N/A	N/A
1.63E+04	N/A	N/A	1.50E+05	N/A	3.47E+08	N/A	N/A	N/A
6.93E+03	N/A	N/A	4.75E+04	N/A	8.26E+07	N/A	N/A	N/A
3.19E+04	N/A	N/A	3.38E+05	N/A	1.09E+08	N/A	N/A	N/A
1.81E+04	N/A	N/A	2.76E+05	N/A	1.35E+08	N/A	N/A	N/A
2.20E+04	N/A	N/A	3.63E+05	N/A	3.12E+08	N/A	N/A	N/A
1.26E+04	N/A	N/A	4.10E+04	N/A	4.20E+08	N/A	N/A	N/A
1.55E+04	N/A	N/A	3.81E+04	N/A	3.18E+08	N/A	N/A	N/A
1.63E+04	N/A	N/A	3.56E+04	N/A	1.30E+08	N/A	N/A	N/A

Tetrahydro	Tetranor-P	Tetranor-P	Thiamine	Thiamine n	Thiamine p	Thrombox	Thymidine	Thymidine
N/A	N/A	1.53E+07	1.53E+07	8.63E+04	N/A	N/A	N/A	N/A
N/A	N/A	9.07E+06	4.60E+07	9.85E+04	N/A	N/A	N/A	N/A
N/A	N/A	7.94E+06	1.81E+07	1.45E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.77E+07	1.74E+07	1.02E+05	N/A	N/A	N/A	N/A
N/A	N/A	9.21E+06	1.12E+07	3.89E+05	N/A	N/A	N/A	N/A
N/A	N/A	6.04E+06	1.75E+05	3.90E+04	N/A	N/A	N/A	N/A
N/A	N/A	5.35E+06	1.24E+06	1.19E+05	N/A	N/A	N/A	N/A
N/A	N/A	3.00E+07	2.35E+05	1.59E+03	N/A	N/A	N/A	N/A
N/A	N/A	1.39E+07	5.16E+06	7.32E+04	N/A	N/A	N/A	N/A
N/A	N/A	2.31E+07	4.91E+06	1.25E+04	N/A	N/A	N/A	N/A
N/A	N/A	1.16E+07	3.71E+06	8.65E+04	N/A	N/A	N/A	N/A
N/A	N/A	1.03E+07	1.27E+07	4.70E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.57E+07	1.40E+07	1.16E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.27E+07	2.19E+07	1.58E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.68E+07	3.27E+06	4.59E+04	N/A	N/A	N/A	N/A
N/A	N/A	1.35E+07	1.05E+07	1.05E+05	N/A	N/A	N/A	N/A
N/A	N/A	2.07E+07	3.18E+06	5.00E+04	N/A	N/A	N/A	N/A
N/A	N/A	1.57E+07	7.41E+06	2.26E+05	N/A	N/A	N/A	N/A
N/A	N/A	8.61E+06	6.47E+06	2.20E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.13E+07	1.21E+07	1.15E+05	N/A	N/A	N/A	N/A
N/A	N/A	1.79E+07	4.79E+06	3.92E+04	N/A	N/A	N/A	N/A

Thymine	Tiglylcarnit	Tiglylglycin	Trimethyla	Tyramine	Uracil	Urea	Ureidoproç	Ureidosucc
N/A	4.94E+06	N/A	5.44E+05	N/A	N/A	N/A	3.80E+06	2.30E+05
N/A	1.02E+07	N/A	8.79E+06	N/A	N/A	N/A	4.97E+06	3.66E+05
N/A	1.07E+07	N/A	1.89E+06	N/A	N/A	N/A	4.93E+06	3.45E+05
N/A	9.27E+06	N/A	2.49E+06	N/A	N/A	N/A	4.10E+06	2.51E+05
N/A	3.64E+07	N/A	5.38E+06	N/A	N/A	N/A	6.01E+06	4.82E+05
N/A	1.09E+07	N/A	4.61E+06	N/A	N/A	N/A	5.76E+06	5.97E+05
N/A	1.10E+07	N/A	2.45E+06	N/A	N/A	N/A	5.88E+06	4.32E+03
N/A	6.36E+05	N/A	1.22E+05	N/A	N/A	N/A	4.81E+05	6.41E+04
N/A	5.13E+06	N/A	3.85E+06	N/A	N/A	N/A	5.10E+06	2.90E+05
N/A	1.79E+06	N/A	5.54E+05	N/A	N/A	N/A	1.44E+06	6.03E+04
N/A	8.55E+06	N/A	1.95E+06	N/A	N/A	N/A	5.09E+06	1.47E+05
N/A	9.44E+06	N/A	7.26E+06	N/A	N/A	N/A	5.75E+06	5.23E+05
N/A	2.91E+07	N/A	1.68E+06	N/A	N/A	N/A	5.35E+06	2.93E+05
N/A	1.83E+08	N/A	3.15E+06	N/A	N/A	N/A	5.64E+06	4.60E+05
N/A	1.27E+06	N/A	6.92E+05	N/A	N/A	N/A	8.08E+05	9.16E+04
N/A	4.03E+06	N/A	1.35E+06	N/A	N/A	N/A	2.86E+06	7.82E+04
N/A	2.66E+06	N/A	1.09E+06	N/A	N/A	N/A	3.02E+06	9.99E+04
N/A	9.08E+06	N/A	1.60E+06	N/A	N/A	N/A	4.43E+06	9.96E+04
N/A	7.90E+06	N/A	4.52E+06	N/A	N/A	N/A	5.32E+06	4.90E+05
N/A	4.70E+07	N/A	2.71E+06	N/A	N/A	N/A	4.62E+06	1.80E+05
N/A	1.84E+06	N/A	8.16E+05	N/A	N/A	N/A	1.82E+06	1.72E+05

Uric acid	Uridine	Uridine 5-d	Uridine 5-n	Uridine dip	Uridine dip	Uridine dip	Uridine triç	Vitamin D3
1.72E+06	7.70E+06	3.66E+05	1.34E+07	N/A	6.53E+04	7.24E+05	N/A	N/A
1.26E+06	4.20E+06	1.57E+05	3.94E+05	N/A	7.34E+03	2.34E+05	N/A	N/A
4.75E+05	7.66E+06	6.87E+05	1.49E+07	N/A	1.30E+05	5.29E+05	N/A	N/A
4.70E+05	3.19E+06	1.40E+05	1.89E+06	N/A	1.94E+04	2.18E+05	N/A	N/A
8.84E+05	1.69E+07	6.62E+05	1.25E+07	N/A	2.85E+05	4.77E+05	N/A	N/A
5.67E+05	2.20E+07	1.10E+06	5.82E+06	N/A	8.47E+04	1.05E+06	N/A	N/A
1.08E+06	4.31E+06	3.26E+06	1.11E+07	N/A	1.82E+05	1.30E+06	N/A	N/A
9.60E+04	2.22E+05	4.04E+04	1.98E+05	N/A	3.66E+03	5.51E+03	N/A	N/A
3.53E+05	1.06E+07	4.38E+05	4.42E+06	N/A	4.17E+04	2.79E+05	N/A	N/A
4.39E+04	2.92E+06	3.35E+04	1.67E+05	N/A	2.46E+02	1.77E+03	N/A	N/A
5.13E+05	1.05E+07	5.70E+05	4.85E+06	N/A	5.24E+04	3.15E+05	N/A	N/A
1.98E+05	1.88E+07	3.44E+05	8.05E+06	N/A	2.39E+04	2.04E+05	N/A	N/A
4.37E+05	9.78E+06	2.22E+05	2.52E+06	N/A	6.83E+03	1.79E+05	N/A	N/A
1.36E+06	1.07E+07	3.30E+05	5.73E+06	N/A	2.54E+04	1.68E+05	N/A	N/A
1.66E+05	2.32E+06	2.03E+04	2.25E+05	N/A	7.19E+03	1.47E+05	N/A	N/A
5.69E+04	1.49E+06	4.78E+05	1.91E+06	N/A	3.27E+04	6.56E+04	N/A	N/A
4.85E+05	3.74E+06	1.92E+05	1.65E+06	N/A	5.55E+03	1.07E+05	N/A	N/A
5.27E+05	7.82E+06	3.15E+05	4.89E+06	N/A	2.80E+04	2.19E+05	N/A	N/A
2.77E+05	1.82E+07	2.38E+05	3.87E+06	N/A	2.21E+04	3.30E+05	N/A	N/A
1.79E+06	1.05E+07	6.14E+04	3.85E+05	N/A	1.99E+03	1.20E+05	N/A	N/A
1.35E+05	1.86E+06	3.19E+04	1.35E+05	N/A	4.28E+03	4.78E+04	N/A	N/A

Vitamin K2	Xanthine	Xanthosine	Xanthureni	Zymostero	beta-Alanir	cis-aconitic	dTDP-D-glu	p-Aminobe
1.59E+05	1.42E+08	2.05E+07	N/A	N/A	1.23E+05	3.32E+05	N/A	N/A
3.21E+05	1.85E+08	2.59E+07	N/A	N/A	3.07E+05	1.09E+06	N/A	N/A
7.39E+05	1.31E+08	1.13E+07	N/A	N/A	1.93E+05	8.70E+05	N/A	N/A
2.38E+05	1.21E+08	1.09E+07	N/A	N/A	2.79E+05	6.07E+05	N/A	N/A
7.01E+05	1.40E+08	1.17E+07	N/A	N/A	3.11E+05	7.75E+05	N/A	N/A
1.73E+06	7.89E+07	4.17E+06	N/A	N/A	3.02E+05	1.39E+06	N/A	N/A
3.13E+06	5.79E+07	1.31E+06	N/A	N/A	1.72E+06	9.04E+05	N/A	N/A
1.08E+06	5.12E+06	2.96E+05	N/A	N/A	1.04E+05	1.51E+05	N/A	N/A
4.12E+05	1.36E+08	6.13E+06	N/A	N/A	3.37E+05	9.34E+05	N/A	N/A
3.14E+06	6.48E+07	1.82E+06	N/A	N/A	3.09E+05	1.04E+05	N/A	N/A
3.32E+06	1.09E+08	8.50E+06	N/A	N/A	5.15E+05	5.28E+05	N/A	N/A
3.04E+05	9.77E+07	3.63E+06	N/A	N/A	5.04E+05	1.73E+06	N/A	N/A
1.82E+06	1.56E+08	1.64E+07	N/A	N/A	4.81E+05	7.02E+05	N/A	N/A
9.71E+05	1.95E+08	4.04E+07	N/A	N/A	7.76E+05	1.61E+06	N/A	N/A
2.79E+05	6.88E+07	2.28E+06	N/A	N/A	3.18E+05	3.07E+04	N/A	N/A
2.69E+05	3.60E+07	5.55E+05	N/A	N/A	1.66E+05	8.32E+05	N/A	N/A
2.63E+05	9.04E+07	3.26E+06	N/A	N/A	2.02E+05	6.49E+05	N/A	N/A
2.32E+05	1.06E+08	6.03E+06	N/A	N/A	2.94E+05	1.39E+06	N/A	N/A
2.42E+05	1.33E+08	1.07E+07	N/A	N/A	5.45E+05	7.38E+05	N/A	N/A
3.21E+05	1.77E+08	3.38E+07	N/A	N/A	1.23E+06	8.96E+05	N/A	N/A
1.26E+05	6.29E+07	2.52E+06	N/A	N/A	2.43E+05	2.64E+05	N/A	N/A

p-Aminohip	p-Cresol	p-Hydroxyγ NADP		Arachidic a	Behenic ac	CE(14:0)	CE(16:0)	CE(16:1)
N/A	N/A	1.80E+05	3.57E+04	4.02E+05	2.04E+06	1.04E+04	3.44E+04	3.95E+04
N/A	N/A	2.36E+05	1.08E+04	2.62E+05	1.54E+06	7.26E+03	3.25E+04	3.64E+04
N/A	N/A	2.93E+05	1.26E+05	3.72E+05	1.92E+06	1.01E+04	3.15E+04	2.27E+04
N/A	N/A	1.90E+05	5.73E+04	2.66E+05	1.51E+06	1.40E+04	2.64E+04	2.53E+04
N/A	N/A	2.53E+05	1.04E+04	2.73E+05	1.65E+06	1.32E+04	3.33E+04	3.42E+04
N/A	N/A	2.68E+05	4.09E+04	4.50E+05	2.13E+06	5.31E+03	3.36E+04	3.42E+04
N/A	N/A	4.23E+05	4.01E+05	2.97E+05	1.62E+06	1.04E+04	2.92E+04	2.28E+04
N/A	N/A	2.32E+05	6.96E+03	5.10E+05	1.87E+06	8.35E+03	2.56E+04	2.63E+04
N/A	N/A	2.57E+05	1.07E+05	3.90E+05	1.90E+06	7.63E+03	3.18E+04	2.13E+04
N/A	N/A	2.02E+05	1.63E+04	1.40E+06	2.14E+06	1.40E+04	2.94E+04	2.52E+04
N/A	N/A	3.24E+05	1.87E+05	3.44E+05	1.85E+06	1.04E+04	3.17E+04	1.81E+04
N/A	N/A	3.04E+05	8.01E+03	3.72E+05	1.96E+06	5.81E+03	3.76E+04	4.14E+04
N/A	N/A	3.05E+05	2.06E+05	3.16E+05	1.61E+06	7.02E+03	2.89E+04	2.73E+04
N/A	N/A	2.82E+05	1.71E+05	3.90E+05	1.81E+06	1.10E+04	3.14E+04	2.16E+04
N/A	N/A	1.77E+05	6.07E+03	3.73E+05	1.94E+06	1.19E+04	2.77E+04	2.25E+04
N/A	N/A	2.38E+05	1.07E+05	4.03E+05	1.84E+06	1.11E+04	2.98E+04	2.10E+04
N/A	N/A	2.46E+05	3.71E+04	3.86E+05	1.93E+06	1.25E+04	3.02E+04	2.86E+04
N/A	N/A	3.19E+05	4.65E+04	3.22E+05	1.80E+06	8.99E+03	2.36E+04	2.52E+04
N/A	N/A	3.11E+05	1.03E+04	2.76E+05	1.60E+06	1.54E+04	5.46E+04	4.44E+04
N/A	N/A	3.82E+05	4.85E+03	3.71E+05	1.92E+06	9.83E+03	2.81E+04	2.66E+04
N/A	N/A	2.10E+05	4.74E+03	6.75E+05	2.52E+06	1.24E+04	2.73E+04	2.90E+04

CE(18:0)	CE(18:1)	CE(18:2)	CE(18:3)	CE(20:4)	CE(20:5)	Myristic ac	Myristoleic	Palmitic ac
1.22E+04	7.26E+04	4.32E+05	2.34E+04	1.68E+05	2.25E+04	8.55E+04	N/A	2.15E+06
7.47E+04	5.06E+04	2.47E+05	9.90E+03	1.51E+05	1.03E+04	2.12E+05	N/A	2.30E+06
4.43E+04	2.36E+04	3.54E+04	2.67E+03	2.07E+04	1.36E+04	1.12E+05	N/A	1.71E+06
2.62E+04	2.29E+04	4.64E+04	1.75E+03	1.97E+04	1.58E+04	9.83E+04	N/A	2.16E+06
4.51E+04	3.77E+04	8.72E+04	3.64E+03	4.22E+04	1.40E+04	1.28E+05	N/A	2.46E+06
4.77E+04	4.03E+04	2.28E+05	1.21E+04	7.33E+04	1.09E+04	1.30E+05	N/A	1.48E+06
4.75E+04	2.87E+04	1.20E+05	7.47E+03	4.74E+04	2.68E+04	6.77E+04	N/A	9.84E+05
1.90E+04	3.01E+04	7.31E+04	4.91E+03	2.94E+04	1.36E+04	1.09E+05	N/A	6.85E+06
3.71E+04	2.29E+04	7.19E+04	7.29E+03	3.64E+04	1.50E+04	8.88E+04	N/A	1.78E+06
1.63E+04	1.98E+04	1.78E+04	9.38E+02	4.80E+03	1.56E+04	3.18E+05	N/A	4.40E+06
1.61E+04	3.12E+04	3.86E+04	1.36E+03	1.52E+04	7.98E+03	1.30E+05	N/A	1.53E+06
2.36E+04	6.90E+04	4.30E+05	1.59E+04	2.31E+05	8.58E+04	1.49E+05	N/A	1.71E+06
1.91E+04	2.55E+04	3.02E+04	3.39E+03	1.04E+04	1.07E+04	6.27E+04	N/A	1.76E+06
8.81E+03	2.59E+04	3.67E+04	6.48E+03	2.81E+04	1.23E+04	1.76E+05	N/A	2.48E+06
4.72E+04	2.59E+04	3.34E+04	1.94E+03	1.00E+04	1.14E+04	2.06E+05	N/A	2.13E+06
9.49E+03	2.89E+04	2.59E+04	1.32E+03	6.57E+03	9.46E+03	2.03E+05	N/A	1.64E+06
1.38E+04	2.37E+04	2.31E+04	1.80E+03	1.06E+04	1.11E+04	9.56E+04	N/A	1.42E+06
2.51E+04	2.08E+04	4.61E+04	2.06E+03	8.06E+03	1.01E+04	1.28E+05	N/A	1.34E+06
5.42E+04	1.35E+05	9.42E+05	5.36E+04	2.98E+05	4.12E+04	1.01E+05	N/A	1.55E+06
3.37E+04	3.85E+04	8.18E+04	3.49E+03	2.62E+04	7.37E+03	3.44E+05	N/A	2.81E+06
4.70E+04	4.19E+04	1.58E+05	1.02E+04	5.35E+04	1.32E+04	1.56E+05	N/A	3.04E+06

Palmitoleic SM (d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/

2.89E+05	4.40E+07	2.04E+07	4.51E+07	3.82E+07	3.66E+06	4.55E+06	4.03E+05	2.96E+07
2.45E+06	3.99E+07	1.21E+07	1.75E+07	2.57E+07	2.18E+06	3.64E+06	3.04E+05	2.75E+07
8.40E+05	2.67E+07	2.00E+07	3.95E+07	5.27E+07	3.65E+06	3.63E+06	4.68E+05	2.01E+07
6.38E+05	3.33E+07	2.13E+07	4.09E+07	5.11E+07	3.12E+06	6.00E+06	3.12E+05	2.20E+07
2.07E+06	1.72E+07	7.05E+06	7.67E+06	9.08E+06	1.05E+06	1.18E+06	1.24E+05	9.48E+06
9.96E+05	5.87E+06	5.65E+06	4.05E+06	1.44E+07	9.24E+05	9.29E+05	1.30E+05	9.37E+06
1.51E+05	2.13E+07	3.03E+07	2.16E+07	6.83E+07	3.10E+06	4.54E+06	3.13E+05	1.77E+07
8.64E+05	1.58E+06	1.11E+07	1.87E+07	4.99E+07	1.05E+06	2.56E+06	3.17E+05	3.52E+06
2.04E+05	1.92E+07	2.42E+07	2.78E+07	6.17E+07	2.90E+06	7.12E+06	5.14E+05	2.65E+07
5.06E+06	3.11E+07	3.34E+07	4.10E+07	5.93E+07	4.92E+06	6.79E+06	5.86E+05	2.18E+07
1.18E+06	1.64E+07	2.07E+07	1.89E+07	4.31E+07	3.33E+06	4.98E+06	3.44E+05	1.34E+07
1.95E+06	7.56E+06	1.13E+07	9.26E+06	1.47E+07	1.28E+06	2.43E+06	2.40E+05	1.33E+07
4.30E+05	1.73E+07	2.48E+07	2.80E+07	7.82E+07	3.45E+06	8.25E+06	7.58E+05	2.56E+07
6.28E+05	2.23E+07	2.36E+07	2.54E+07	4.90E+07	4.66E+06	6.84E+06	5.08E+05	1.26E+07
6.39E+06	1.44E+07	7.70E+06	8.61E+06	1.37E+07	2.49E+06	2.64E+06	2.38E+05	7.86E+06
2.61E+06	1.83E+07	3.74E+07	4.22E+07	6.60E+07	3.04E+06	5.59E+06	7.64E+05	3.37E+07
8.81E+05	2.35E+07	2.83E+07	3.15E+07	7.77E+07	3.55E+06	6.50E+06	6.33E+05	3.93E+07
2.44E+06	3.77E+07	4.02E+07	4.24E+07	8.64E+07	4.41E+06	7.73E+06	6.48E+05	3.65E+07
6.91E+05	8.34E+06	8.34E+06	7.24E+06	2.40E+07	1.55E+06	4.05E+06	2.32E+05	1.29E+07
6.96E+06	1.10E+07	5.90E+06	4.22E+06	1.31E+07	1.13E+06	1.57E+06	1.58E+05	7.84E+06
1.37E+06	1.41E+07	9.19E+06	6.52E+06	3.12E+07	1.76E+06	3.12E+06	3.20E+05	1.31E+07

SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/

1.62E+07	2.08E+08	7.04E+06	2.39E+07	2.46E+06	1.49E+07	1.97E+08	1.13E+08	1.08E+07
1.09E+07	1.74E+08	4.05E+06	1.54E+07	2.79E+06	1.39E+07	1.42E+08	1.09E+08	6.03E+06
1.78E+07	1.37E+08	1.16E+07	2.77E+07	3.96E+06	1.71E+07	1.99E+08	1.04E+08	1.28E+07
1.54E+07	1.73E+08	8.99E+06	3.57E+07	3.07E+06	1.72E+07	2.11E+08	1.43E+08	1.25E+07
6.56E+06	7.16E+07	3.40E+06	1.07E+07	8.56E+05	7.43E+06	1.53E+08	4.48E+07	3.92E+06
5.47E+06	6.43E+07	2.95E+06	1.09E+07	1.39E+06	1.02E+07	2.06E+08	8.91E+07	9.47E+06
1.35E+07	9.05E+07	1.22E+07	1.27E+07	3.44E+06	1.87E+07	2.48E+08	1.28E+08	1.82E+07
3.77E+06	1.98E+07	5.53E+06	1.69E+06	1.82E+06	1.83E+06	4.08E+07	1.06E+07	1.08E+06
1.31E+07	1.58E+08	1.14E+07	2.12E+07	3.60E+06	2.79E+07	2.37E+08	1.45E+08	1.17E+07
1.75E+07	1.21E+08	1.32E+07	2.02E+07	5.43E+06	3.50E+07	2.10E+08	1.96E+08	1.27E+07
1.58E+07	1.02E+08	1.04E+07	2.27E+07	2.82E+06	1.88E+07	2.36E+08	1.33E+08	2.84E+07
9.70E+06	1.06E+08	3.13E+06	1.57E+07	1.64E+06	1.11E+07	1.58E+08	5.32E+07	6.86E+06
1.31E+07	1.83E+08	1.45E+07	2.35E+07	5.61E+06	2.55E+07	2.68E+08	2.05E+08	2.32E+07
1.62E+07	9.97E+07	1.20E+07	1.80E+07	6.08E+06	1.43E+07	2.26E+08	6.88E+07	1.29E+07
8.98E+06	6.21E+07	4.02E+06	8.86E+06	1.61E+06	9.03E+06	1.57E+08	4.55E+07	9.17E+06
2.25E+07	2.09E+08	1.27E+07	3.13E+07	5.68E+06	3.42E+07	2.35E+08	1.71E+08	2.07E+07
2.33E+07	2.05E+08	9.04E+06	2.24E+07	4.97E+06	2.83E+07	2.36E+08	2.26E+08	2.78E+07
2.13E+07	2.13E+08	1.70E+07	2.31E+07	5.19E+06	2.19E+07	2.20E+08	1.62E+08	1.69E+07
6.29E+06	9.48E+07	5.99E+06	1.67E+07	2.03E+06	1.80E+07	1.84E+08	8.74E+07	8.30E+06
8.54E+06	6.09E+07	3.19E+06	7.12E+06	1.77E+06	6.82E+06	1.59E+08	5.35E+07	1.28E+07
9.10E+06	7.45E+07	7.97E+06	1.13E+07	2.67E+06	1.67E+07	1.98E+08	1.02E+08	1.21E+07

SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/ SM(d18:1/

7.61E+06	1.85E+07	1.76E+07	1.16E+08	7.33E+07	1.06E+06	6.09E+07	2.85E+07	1.28E+07
7.55E+06	1.93E+07	1.56E+07	7.02E+07	4.24E+07	8.89E+05	5.25E+07	2.43E+07	1.10E+07
7.58E+06	2.60E+07	2.87E+07	1.51E+08	6.41E+07	9.05E+05	4.90E+07	4.24E+07	2.24E+07
1.03E+07	2.13E+07	1.87E+07	1.29E+08	6.32E+07	1.03E+06	5.51E+07	3.72E+07	7.35E+06
2.69E+06	8.42E+06	7.89E+06	4.14E+07	2.17E+07	4.17E+05	3.68E+07	9.29E+06	4.80E+06
8.08E+06	1.25E+07	9.21E+06	4.01E+07	3.45E+07	4.67E+05	2.76E+07	1.11E+07	2.24E+06
1.03E+07	4.27E+07	1.19E+07	4.72E+07	4.33E+07	1.21E+06	7.79E+07	1.75E+07	7.28E+06
8.31E+05	2.05E+06	1.46E+06	3.75E+06	4.80E+06	3.47E+05	4.40E+06	2.52E+06	1.60E+06
1.07E+07	2.56E+07	1.91E+07	7.54E+07	6.78E+07	1.32E+06	5.23E+07	2.74E+07	1.02E+07
8.65E+06	3.28E+07	5.21E+07	1.00E+08	4.66E+07	1.61E+06	7.81E+07	5.40E+07	1.10E+07
8.47E+06	4.27E+07	1.04E+07	5.25E+07	5.68E+07	8.99E+05	6.27E+07	1.58E+07	7.72E+06
3.97E+06	1.65E+07	9.86E+06	3.54E+07	2.85E+07	4.62E+05	2.72E+07	1.09E+07	9.13E+06
1.85E+07	4.68E+07	1.44E+07	7.39E+07	8.25E+07	1.28E+06	7.25E+07	2.24E+07	7.63E+06
5.61E+06	5.83E+07	9.66E+06	3.91E+07	5.29E+07	9.64E+05	8.68E+07	1.19E+07	1.89E+07
4.08E+06	1.71E+07	8.14E+06	3.27E+07	3.72E+07	5.41E+05	3.95E+07	8.79E+06	1.18E+07
1.11E+07	5.33E+07	2.57E+07	5.94E+07	5.53E+07	1.43E+06	5.17E+07	2.84E+07	1.19E+07
2.01E+07	3.03E+07	2.18E+07	1.04E+08	6.91E+07	1.61E+06	5.88E+07	3.97E+07	3.89E+06
1.30E+07	4.35E+07	2.31E+07	1.10E+08	6.27E+07	2.14E+06	6.76E+07	4.61E+07	9.40E+06
6.66E+06	1.65E+07	1.35E+07	3.75E+07	4.14E+07	5.97E+05	3.37E+07	1.33E+07	6.80E+06
5.43E+06	2.40E+07	6.00E+06	2.85E+07	3.03E+07	3.77E+05	5.09E+07	7.51E+06	4.48E+06
8.75E+06	2.94E+07	8.77E+06	2.19E+07	3.37E+07	6.41E+05	7.06E+07	8.64E+06	7.57E+06

SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/	SM(d18:1/
3.57E+07	1.48E+07	4.40E+06	2.55E+07	N/A	N/A	4.73E+06	1.45E+07	7.85E+06
2.69E+07	1.04E+07	3.23E+06	2.26E+07	N/A	N/A	6.55E+06	8.62E+06	7.98E+06
4.98E+07	1.46E+07	2.85E+06	4.23E+07	N/A	N/A	2.28E+06	6.58E+06	7.78E+06
3.53E+07	1.33E+07	2.88E+06	1.35E+07	N/A	N/A	1.77E+06	7.13E+06	3.85E+06
2.36E+07	6.40E+06	1.49E+06	9.00E+06	N/A	N/A	1.28E+06	4.45E+06	2.86E+06
1.73E+07	3.44E+06	1.05E+06	3.48E+06	N/A	N/A	5.19E+05	2.68E+06	1.20E+06
4.62E+07	8.64E+06	2.28E+06	1.32E+07	N/A	N/A	1.48E+06	4.90E+06	4.06E+06
1.02E+07	2.83E+03	8.08E+05	1.41E+06	N/A	N/A	1.65E+05	1.08E+06	4.96E+05
9.25E+07	1.25E+07	3.46E+06	1.92E+07	N/A	N/A	9.92E+05	1.36E+07	3.30E+06
1.45E+08	1.90E+07	1.22E+07	2.03E+07	N/A	N/A	8.66E+05	4.33E+07	2.68E+06
5.15E+07	7.21E+06	2.06E+06	1.43E+07	N/A	N/A	1.36E+06	6.45E+06	3.02E+06
4.75E+07	4.39E+06	1.75E+06	1.78E+07	N/A	N/A	1.23E+06	3.60E+06	4.25E+06
3.84E+07	8.62E+06	2.56E+06	1.33E+07	N/A	N/A	9.45E+05	5.00E+06	2.80E+06
4.97E+07	8.40E+06	2.23E+06	3.66E+07	N/A	N/A	1.72E+06	4.74E+06	6.74E+06
6.54E+07	5.72E+06	1.80E+06	2.43E+07	N/A	N/A	1.67E+06	4.27E+06	6.25E+06
1.30E+08	1.48E+07	9.56E+06	2.07E+07	N/A	N/A	1.34E+06	2.73E+07	6.89E+06
3.27E+07	1.16E+07	2.92E+06	5.70E+06	N/A	N/A	1.08E+06	7.70E+06	1.53E+06
5.74E+07	1.81E+07	5.31E+06	1.66E+07	N/A	N/A	1.85E+06	9.77E+06	4.91E+06
6.32E+07	5.58E+06	1.88E+06	1.11E+07	N/A	N/A	8.06E+05	8.43E+06	1.89E+06
1.16E+07	2.67E+06	1.53E+06	8.09E+06	N/A	N/A	9.41E+05	5.27E+06	2.12E+06
2.63E+07	3.54E+06	1.78E+06	1.38E+07	N/A	N/A	1.32E+06	2.17E+06	3.36E+06

SM(d18:1/ Stearic acid

8.19E+07 1.52E+06

7.60E+07 1.39E+06

3.96E+07 1.72E+06

5.97E+07 1.26E+06

1.92E+07 1.49E+06

4.36E+06 1.17E+06

1.85E+07 1.31E+06

8.90E+05 5.43E+06

1.24E+07 1.61E+06

2.66E+07 1.81E+06

2.00E+07 1.51E+06

7.32E+06 1.22E+06

9.60E+06 1.14E+06

1.32E+07 1.78E+06

7.70E+06 1.19E+06

1.43E+07 1.33E+06

3.28E+07 1.24E+06

5.39E+07 1.04E+06

5.07E+06 1.06E+06

6.23E+06 1.57E+06

7.71E+06 1.61E+06