| Ceramide Species          | Sample 1 |          | Sample 2 |          | Sample 3 |          |
|---------------------------|----------|----------|----------|----------|----------|----------|
|                           | Ranking  | %        | Ranking  | %        | Ranking  | %        |
| Cer 18:0;2O/24:1          | 1        | 27.2     | 1        | 26.1     | 1        | 30.9     |
| Cer 18:0;2O/26:0          | 2        | 10.3     | 3        | 7.8      | 3        | 8.3      |
| Cer 18:0;2O/24:0          | 3        | 7.5      | 2        | 9.3      | 2        | 9.6      |
| Cer 16:0;2O/30:2          | 4        | 6.6      | 6        | 5.1      | 4        | 6.5      |
| Cer 19:0;2O/24:1          | 5        | 5.9      | 10       | 3.7      | 7        | 4.1      |
| Cer 18:0;2O/28:1          | 6        | 4.7      | 4        | 7.8      | 5        | 4.9      |
| Cer 18:0;2O/30:2          | 7        | 3.9      | 5        | 6.1      | 9        | 3.7      |
| Cer 18:0;2O/28:0          | 8        | 3.7      | 11       | 3.5      | 10       | 3.0      |
| Cer 16:0;2O/28:1          | 9        | 3.6      | 7        | 4.7      | 8        | 3.9      |
| Cer 18:0;2O/16:0          | 10       | 3.4      | 8        | 4.4      | 6        | 4.1      |
| Cer 18:0;2O/30:1          | 11       | 2.1      | 9        | 4.1      | 15       | 1.4      |
| Cer 19:0;2O/28:0          | 12       | 2.1      | 13       | 1.6      | 12       | 1.8      |
| Cer 17:0;2O/24:1          | 13       | 1.8      | 12       | 1.7      | 11       | 2.1      |
| Cer 19:0;2O/30:2          | 14       | 1.8      | 14       | 1.4      | 14       | 1.5      |
| Cer 19:0;2O/26:0          | 15       | 1.7      | 15       | 1.3      | 13       | 1.8      |
| others                    |          | 13.7     |          | 11.5     |          | 12.5     |