Table S1. Results of the identification of the compounds by gas chromatography-mass spectrometry.

| peak # | R.T. min | first scan | max scan | last scan | PK | corr. peak | corr. area | % max. | % of Total | Compound |
|-------|----------|------------|----------|-----------|----|------------|------------|--------|------------|----------|
| 1     | 17.324   | 1702       | 1712     | 1721      | BB2| 458954     | 1146235   | 3.04%  | 1.571%     | Phytol (M)3,7,11,15-Tetramethyl-2-hexadecen-1-ol |
| 2     | 25.115   | 2887       | 2898     | 2908      | BV | 1676696    | 39819245  | 10.54% | 5.446%     | Phytol |
| 3     | 25.614   | 2966       | 2974     | 2984      | M  | 434926     | 10343307  | 2.74%  | 1.415%     | Phytol |
| 4     | 25.975   | 3020       | 3029     | 3038      | M2 | 612451     | 14932192  | 3.95%  | 2.042%     | Phytol |
| 5     | 33.608   | 4182       | 4191     | 4204      | BB | 661849     | 16561603  | 4.38%  | 2.265%     | Tricosane |
| 6     | 36.826   | 4673       | 4681     | 4696      | VB | 835634     | 22470938  | 5.95%  | 3.073%     | (R)Pentacosane |
| 7     | 39.874   | 5139       | 5145     | 5156      | M  | 1062929    | 24270709  | 6.42%  | 3.320%     | (R)Heptacosane |
| 8     | 40.761   | 5272       | 5280     | 5293      | M  | 806011     | 17930458  | 4.75%  | 2.452%     | Phytol |
| 9     | 41.011   | 5321       | 5318     | 5321      | M  | 529393     | 12882722  | 3.41%  | 1.763%     | (M)Cyclooctacosane |
| 10    | 41.050   | 5321       | 5324     | 5335      | M  | 604744     | 12842560  | 3.40%  | 1.756%     | (M)Octacosane |
| 11    | 42.108   | 5474       | 5485     | 5500      | M  | 1061467    | 30029310  | 7.95%  | 4.107%     | (M)Nonacosane |
| 12    | 43.231   | 5642       | 5656     | 5673      | M3 | 615916     | 25917591  | 6.86%  | 3.545%     | (M)1-Dotriacontanol |
| 13    | 44.617   | 5850       | 5867     | 5878      | M  | 942314     | 34000389  | 9.00%  | 4.650%     | (M)Hentriacontane |
| 14    | 44.768   | 5879       | 5890     | 5909      | M4 | 1546668    | 54924996  | 14.54% | 7.512%     | Phytol |
| 15    | 50.745   | 6775       | 6800     | 6826      | BB | 417987     | 24936726  | 6.60%  | 3.411%     | (M)Stigmasta-3,5-dien-7-one |
| 16    | 55.396   | 7440       | 7508     | 7558      | BB4| 3172707    | 377800732 | 100.00%| 51.672%    | Phytol |

Sum of corrected areas: 731155261

Abundance

![Abundance graph](image-url)
Table 2S. Results of the identification of the compounds by gas chromatography-mass spectrometry.

Fraction 9 (F9)

| peak | R.T. (min) | first scan (min) | max scan (min) | last scan (min) | PK | corr. peak | corr. area | % max. | % of Total | Compound |
|------|------------|------------------|----------------|-----------------|----|------------|------------|-------|-----------|----------|
| 1    | 26.849     | 3154             | 3162           | 3173            | VB | 846626     | 20920338  | 1.20% | 0.629%    | Hexadecanoic acid, methyl ester |
| 2    | 28.051     | 3256             | 3345           | 3451            | BB | 6264846    | 877772570 | 50.45% | 26.411%   | (R) n-Hexadecanoic acid |
| 3    | 30.054     | 3636             | 3650           | 3658            | BV | 1082233    | 26593202  | 1.53% | 0.800%    | (M) 9,12-Octadecadienoic acid (Z,Z)-methyl ester |
| 4    | 30.166     | 3658             | 3667           | 3680            | PB | 1009442    | 27254592  | 1.57% | 0.820%    | (M) 8-Octadecenoic acid, methylester |
| 5    | 30.474     | 3691             | 3714           | 3724            | M  | 9151386    | 413919542 | 23.79% | 12.454%   | (R) Phytol |
| 6    | 31.387     | 3757             | 3853           | 3935            | M  | 8349820    | 1739770393 | 100.00% | 52.347%   | (R) 9,12-Octadecadienoic acid (Z,Z) |
| 7    | 47.047     | 6218             | 6237           | 6245            | M4 | 1226908    | 61532671  | 3.54% | 1.851%    | (M) 1,30-Triacontanediol |
| 8    | 48.597     | 6449             | 6473           | 6498            | BB4| 546881     | 31432522  | 1.81% | 0.946%    | (R) t-Sitosterol |
| 9    | 49.018     | 6514             | 6537           | 6551            | BV3| 560998     | 29554610  | 1.70% | 0.889%    | (M) Cycloartenol |
| 10   | 49.241     | 6551             | 6571           | 6600            | VB7| 623394     | 39758319  | 2.29% | 1.196%    | (M) Pollinastanol |
| 16   | 50.259     | 6701             | 6726           | 6760            | BB4| 889718     | 55041731  | 3.16% | 1.656%    | (M) 9,19-Cyclolanost-24-en-3-ol, (3β) - |

Sum of corrected areas: 3323550491
Table 3S. Results of the identification of the compounds by gas chromatography-mass spectrometry.

Fraction 53 (F53)

| peak # | R.T. [min] | first scan [min] | max scan [min] | last scan [min] | PK | height [m/z] | corr. area [m/z] | % max. | % of total |
|--------|------------|------------------|----------------|----------------|----------------|----------------|-----------------|--------|------------|
| 1      | 19.866     | 2092             | 2099           | 2106           | M4             | 33135          | 788193          | 2.47%  | 1.242%     |
| 2      | 36.951     | 4691             | 4700           | 4712           | M4             | 79593          | 2202292         | 6.91%  | 3.471%     |
| 3      | 38.987     | 4939             | 5010           | 5056           | M4             | 160184         | 31862773        | 100.00% | 50.216% |
| 4      | 39.716     | 5112             | 5121           | 5132           | M3             | 79593          | 2202292         | 6.91%  | 3.471%     |
| 5      | 39.835     | 5133             | 5139           | 5153           | M3             | 297546         | 9500776         | 29.82% | 14.973% |
| 6      | 48.564     | 6446             | 6468           | 6489           | M5             | 200279         | 11448004        | 35.93% | 18.042% |

(M) Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl) ethyl ester
(M) Isopropyl linoleate
(M) 9,12-Octadecadienoic acid (Z,Z)-2,3-dihydroxypropyl ester
(M) Nonanoic acid, 9-(3-hexenylidene)cyclopentylidene)-2-hydroxy-1-(hydroxymethyl) ethyl ester, (Z,Z,Z)-

Sum of corrected areas: 63451358
Table 4S. Results of the identification of the compounds by gas chromatography-mass spectrometry.

| peak # | R.T. min | first scan | max scan | last scan | PK | peak height | corr. area | corr. % max. | % of total | Compound |
|--------|----------|------------|----------|-----------|----|-------------|------------|--------------|------------|----------|
| 1      | 7.708    | 240        | 248      | 269       | M3 | 78775       | 2827602    | 2.59%        | 1.774%     | (R)Nonal |
| 2      | 11.642   | 832        | 847      | 866       | M2 | 350935      | 10032642   | 9.20%        | 6.295%     | (M)2-Decenal, (E)-2-Decenal |
| 3      | 14.243   | 1235       | 1243     | 1254      | M2 | 177024      | 4294856    | 3.94%        | 2.695%     | (M)2-Undecenal |
| 4      | 35.250   | 4433       | 4441     | 4450      | M2 | 82199       | 2197886    | 2.02%        | 1.379%     | (R)Hexanedioic acid, bis(2-ethylhexyl) ester |
| 5      | 39.539   | 4977       | 5094     | 5137      | M8 | 417102      | 109049073  | 100.00%      | 68.422%    | (M)Isopropyl linoleate |
| 6      | 45.228   | 5942       | 5960     | 5980      | BB2| 422566      | 17806232   | 16.33%       | 11.172%    | (M)3-(1,5-Dimethyl-hexyl)-3a,10,10,12b-tetramethyl-1,2,3,3a,4,6,8,9,10,10a,11,12,12a,12b-tetradecahydro-benzo[4,5]cyclohepta[1,2-E]inde |
| 7      | 50.726   | 6773       | 6797     | 6820      | M3 | 204160      | 13169061   | 12.08%       | 8.263%     | (M)Stigmastera-3,5-dien-7-one |
