Supplementary table. Percentage change in fatty acid levels relative to day 7. Significant differences (Wilcoxon signed-rank test, p<0.05) relative to day 7 are indicated in red bold numbers.

<table>
<thead>
<tr>
<th>Common name</th>
<th>Lipid name</th>
<th>Postnatal day 7 (n = 124)</th>
<th>Postmenstrual week 32 (n = 103)</th>
<th>Postmenstrual week 40 (n = 61)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Saturated FA (SFA)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capric acid 10:0</td>
<td>100%</td>
<td>106%</td>
<td>103%</td>
<td></td>
</tr>
<tr>
<td>Lauric acid 12:0</td>
<td>100%</td>
<td>97%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Myristic acid 14:0</td>
<td>100%</td>
<td>87%</td>
<td>89%</td>
<td></td>
</tr>
<tr>
<td>Pentadecanoic acid 15:0</td>
<td>100%</td>
<td>96%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Palmitic acid 16:0</td>
<td>100%</td>
<td>92%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Margaric acid 17:0</td>
<td>100%</td>
<td>95%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Stearic acid 18:0</td>
<td>100%</td>
<td>105%</td>
<td>106%</td>
<td></td>
</tr>
<tr>
<td>Arachidic acid 20:0</td>
<td>100%</td>
<td>92%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Behenic acid 22:0</td>
<td>100%</td>
<td>89%</td>
<td>92%</td>
<td></td>
</tr>
<tr>
<td>Lignoceric acid 24:0</td>
<td>100%</td>
<td>61%</td>
<td>51%</td>
<td></td>
</tr>
<tr>
<td><strong>ΣSFA</strong></td>
<td>100%</td>
<td>95%</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td><strong>Monounsaturated FA (MUFA)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Myristoleic acid 14:1 n-5</td>
<td>100%</td>
<td>108%</td>
<td>102%</td>
<td></td>
</tr>
<tr>
<td>Palmitoleic acid 16:1 n-9</td>
<td>100%</td>
<td>83%</td>
<td>85%</td>
<td></td>
</tr>
<tr>
<td>Hexadecenoic acid 16:1 n-7</td>
<td>100%</td>
<td>93%</td>
<td>93%</td>
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</tr>
<tr>
<td>Heptadecenoic acid 17:1 n-7</td>
<td>100%</td>
<td>102%</td>
<td>99%</td>
<td></td>
</tr>
<tr>
<td>Oleic acid 18:1 n-9</td>
<td>100%</td>
<td>103%</td>
<td>104%</td>
<td></td>
</tr>
<tr>
<td>cis-Vaccenic acid 18:1 n-7</td>
<td>100%</td>
<td>91%</td>
<td>92%</td>
<td></td>
</tr>
<tr>
<td>Gondoic acid 20:1 n-9</td>
<td>100%</td>
<td>85%</td>
<td>79%</td>
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</tr>
<tr>
<td>Eruic acid 22:1 n-9</td>
<td>100%</td>
<td>65%</td>
<td>60%</td>
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</tr>
<tr>
<td>Nervonic acid 24:1 n-9</td>
<td>100%</td>
<td>47%</td>
<td>37%</td>
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</tr>
<tr>
<td><strong>ΣMUFA</strong></td>
<td>100%</td>
<td>101%</td>
<td>103%</td>
<td></td>
</tr>
<tr>
<td><strong>Polyunsaturated FA n-9</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mead acid 20:3 n-9</td>
<td>100%</td>
<td>82%</td>
<td>81%</td>
<td></td>
</tr>
<tr>
<td><strong>Polyunsaturated FA n-6 (PUFA n-6)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linoleic acid 18:2 n-6</td>
<td>100%</td>
<td>108%</td>
<td>115%</td>
<td></td>
</tr>
<tr>
<td>γ-Linolenic acid 18:3 n-6</td>
<td>100%</td>
<td>138%</td>
<td>151%</td>
<td></td>
</tr>
<tr>
<td>Eicosadienoic acid 20:2 n-6</td>
<td>100%</td>
<td>64%</td>
<td>59%</td>
<td></td>
</tr>
<tr>
<td>Dihomo-γ-linolenic acid 20:3 n-6</td>
<td>100%</td>
<td>69%</td>
<td>57%</td>
<td></td>
</tr>
<tr>
<td>Arachidonic acid (AA) 20:4 n-6</td>
<td>100%</td>
<td>70%</td>
<td>68%</td>
<td></td>
</tr>
<tr>
<td>Adrenic acid 22:4 n-6</td>
<td>100%</td>
<td>48%</td>
<td>41%</td>
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</tr>
<tr>
<td>Docosapentaenoic acid n-6 22:5 n-6</td>
<td>100%</td>
<td>59%</td>
<td>52%</td>
<td></td>
</tr>
<tr>
<td><strong>ΣPUFA n-6</strong></td>
<td>100%</td>
<td>103%</td>
<td>107%</td>
<td></td>
</tr>
<tr>
<td><strong>ΣLCPUFA n-6 (≥C20)</strong></td>
<td>100%</td>
<td>64%</td>
<td>57%</td>
<td></td>
</tr>
<tr>
<td><strong>Polyunsaturated FA n-3 (PUFA n-3)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>α-Linolenic acid 18:3 n-3</td>
<td>100%</td>
<td>125%</td>
<td>136%</td>
<td></td>
</tr>
<tr>
<td>Eicosatrienoic acid 20:3 n-3</td>
<td>100%</td>
<td>69%</td>
<td>56%</td>
<td></td>
</tr>
<tr>
<td>Eicosapentaenoic acid (EPA) 20:5 n-3</td>
<td>100%</td>
<td>106%</td>
<td>107%</td>
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</tr>
<tr>
<td>Docosapentaenoic acid n-3 22:5 n-3</td>
<td>100%</td>
<td>86%</td>
<td>89%</td>
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</tr>
<tr>
<td>Docosahexaenoic acid (DHA) 22:6 n-3</td>
<td>100%</td>
<td>63%</td>
<td>62%</td>
<td></td>
</tr>
<tr>
<td><strong>ΣPUFA n-3</strong></td>
<td>100%</td>
<td>104%</td>
<td>114%</td>
<td></td>
</tr>
<tr>
<td><strong>ΣLCPUFA n-3 (≥C20)</strong></td>
<td>100%</td>
<td>74%</td>
<td>70%</td>
<td></td>
</tr>
</tbody>
</table>