Supporting Information

Determination of Bile Acid Profiles in Scat Samples of Wild Animals by Liquid Chromatography - Electrospray Mass Spectrometry

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Table S1: Preparation of different concentrations of bile acid standards:

<table>
<thead>
<tr>
<th>Conc. Stock (mg/mL)</th>
<th>Vol. Stock (mL)</th>
<th>Final volume(mL)</th>
<th>Final conc. (µg/mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>2.0</td>
<td>20.0</td>
<td>150</td>
</tr>
<tr>
<td>1.5</td>
<td>1.0</td>
<td>20.0</td>
<td>75</td>
</tr>
<tr>
<td>1.5</td>
<td>0.5</td>
<td>20.0</td>
<td>37.5</td>
</tr>
<tr>
<td>1.5</td>
<td>0.25</td>
<td>20.0</td>
<td>18.7</td>
</tr>
<tr>
<td>1.5</td>
<td>0.25</td>
<td>40.0</td>
<td>9.3</td>
</tr>
</tbody>
</table>

Table S2: Preparation of bile acid standard mixtures:

<table>
<thead>
<tr>
<th>Conc. (µg/mL)</th>
<th>Quantity (µL)</th>
<th>Final Vol. (mL)</th>
<th>Final conc. (µg/mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.0</td>
<td>100.0</td>
<td>1.3</td>
<td>11.50</td>
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<tr>
<td>75.0</td>
<td>100.0</td>
<td>1.3</td>
<td>5.75</td>
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<tr>
<td>37.5</td>
<td>100.0</td>
<td>1.3</td>
<td>2.87</td>
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<tr>
<td>18.7</td>
<td>100.0</td>
<td>1.3</td>
<td>1.43</td>
</tr>
<tr>
<td>9.3</td>
<td>100.0</td>
<td>1.3</td>
<td>0.71</td>
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</tbody>
</table>
Figure S1. Total ion chromatogram of puma scat sample