

Appendix III: Pyrograms of paint samples

Figure AIII-1: Pyrogram of Mota Giyorgis (small) + TMAH

Figure AIII-2: Pyrogram of Mota Giyorgis (large) + TMAH

Figure AIII-3: Pyrogram of Icon9 + TMAH

Figure AIII-4: Pyrogram of Icon21 brown + TMAH

Figure AIII-5: Pyrogram of Icon21 green + TMAH

Figure AIII-6: Pyrogram of Icon21 green (ø)

Figure AIII-7: Pyrogram of Wukero Cherkos white + TMAH

Figure AIII-8: Pyrogram of Wukero Cherkos yellow + TMAH

Mota Giyorgis (small) +TMAH

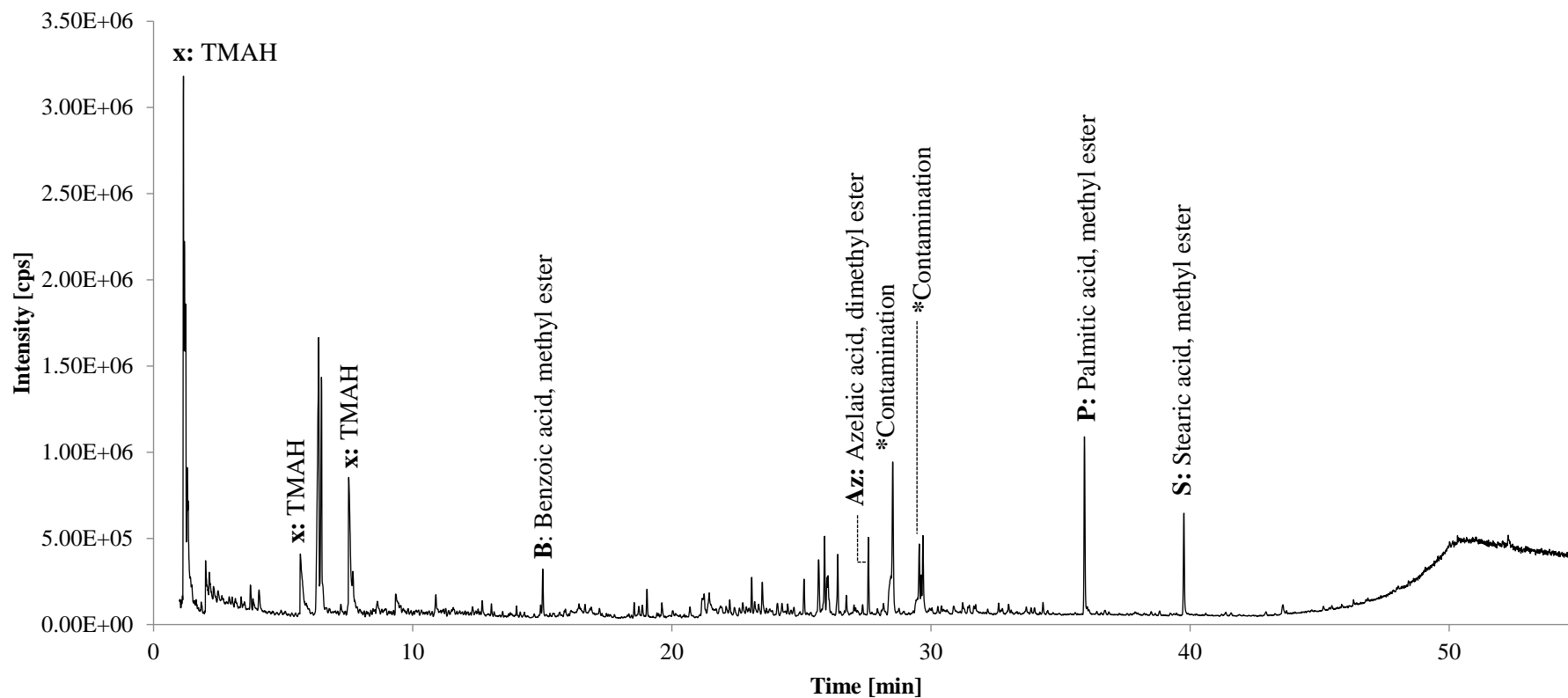


Figure AIII-1: Pyrogram of Mota Giyorgis (small) + TMAH

0.3<Az/P<1 could indicate egg yolk or drying oils. Presence of PA (only present in the larger sample) could strengthen suspicion towards egg yolk, although B present as well. PA and B could indicate casein. B found in mock sample of casein, not reported as marker in literature.

Mota Giyorgis (large) + TMAH

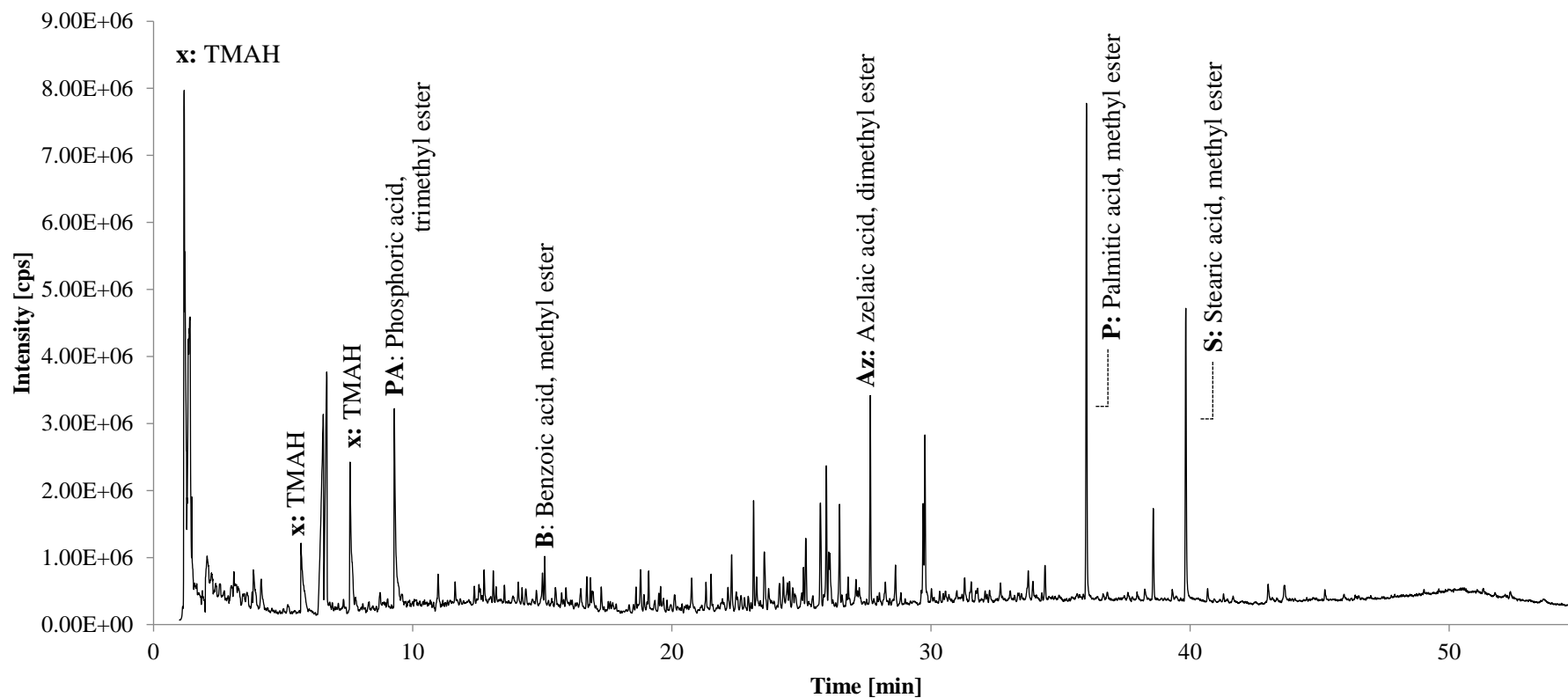


Figure AIII-2: Pyrogram of Mota Giyorgis (large) + TMAH

0.3<Az/P<1 could indicate egg yolk or drying oils. Presence of PA (only present in this larger sample) could strengthen suspicion towards egg yolk, although B present as well. PA and B could indicate casein. B found in mock sample of casein, not reported as marker in literature.

Icon9 + TMAH

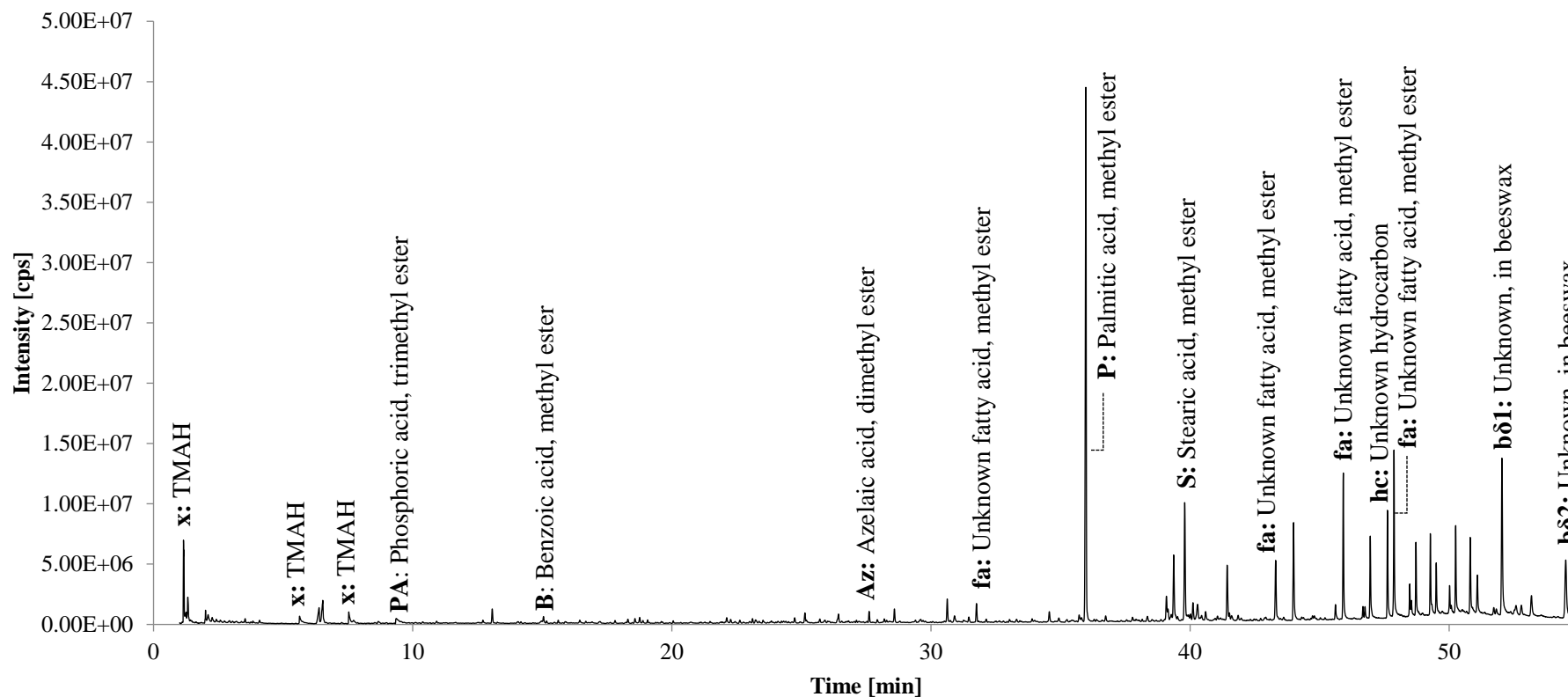


Figure AIII-3: Pyrogram of Icon9 + TMAH

Unknown FAs and HCs + bδ1 and bδ2 indicate waxy substance present, possibly beeswax. $0.3 > \text{Az}/\text{P}$ indicate egg yolk, presence of PA in low abundance can strengthen suspicion. Source of B inconclusive, PA and B together could indicate casein, but both in very low abundance.

Icon21 brown + TMAH

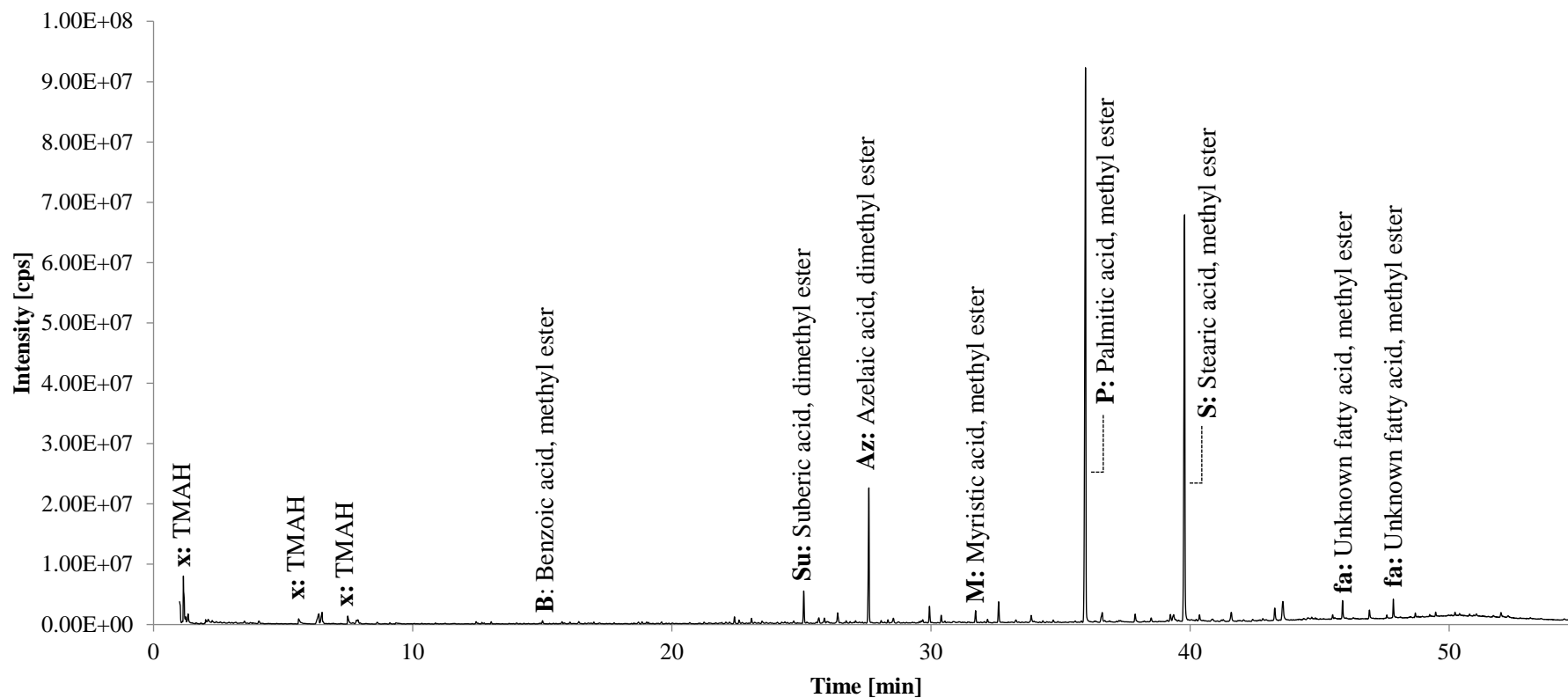


Figure AIII-4: Pyrogram of Icon21 brown + TMAH

0.3<Az/P<1 could indicate egg yolk or drying oils. Presence of Su and Se strengthen suspicion towards drying oil. Source of B inconclusive. Found in mock samples of animal glue and casein, not reported as marker in literature.

Icon21 green + TMAH

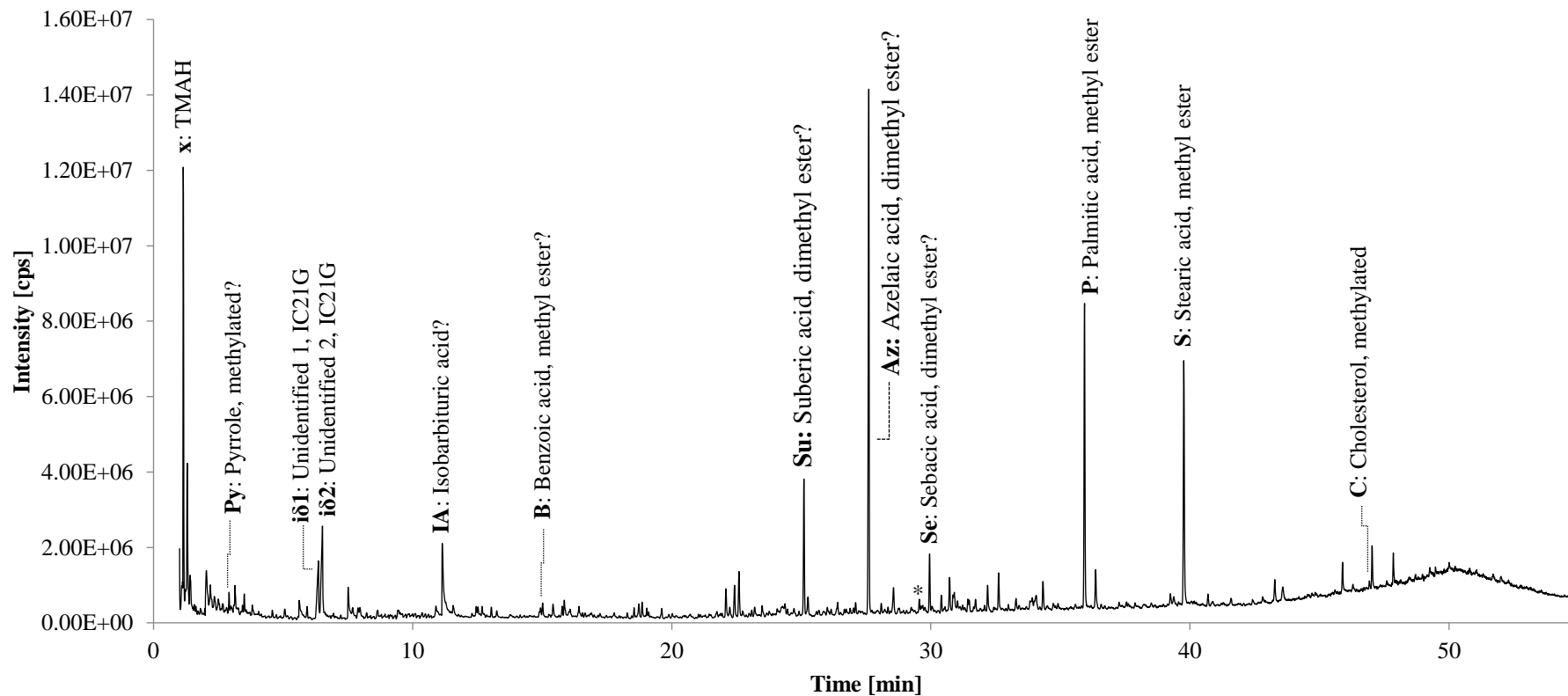


Figure AIII-5: Pyrogram of Icon21 green + TMAH

Az/P > 1, + presence of Su, Se indicate drying oil. Py, IA and possibly B (+ evidence in IC21 (ø)) indicate animal glue. C could indicate egg yolk, but was also found in mock samples of animal glue. Source of cholesterol inconclusive (see full review in thesis).

Icon21 green (ø)

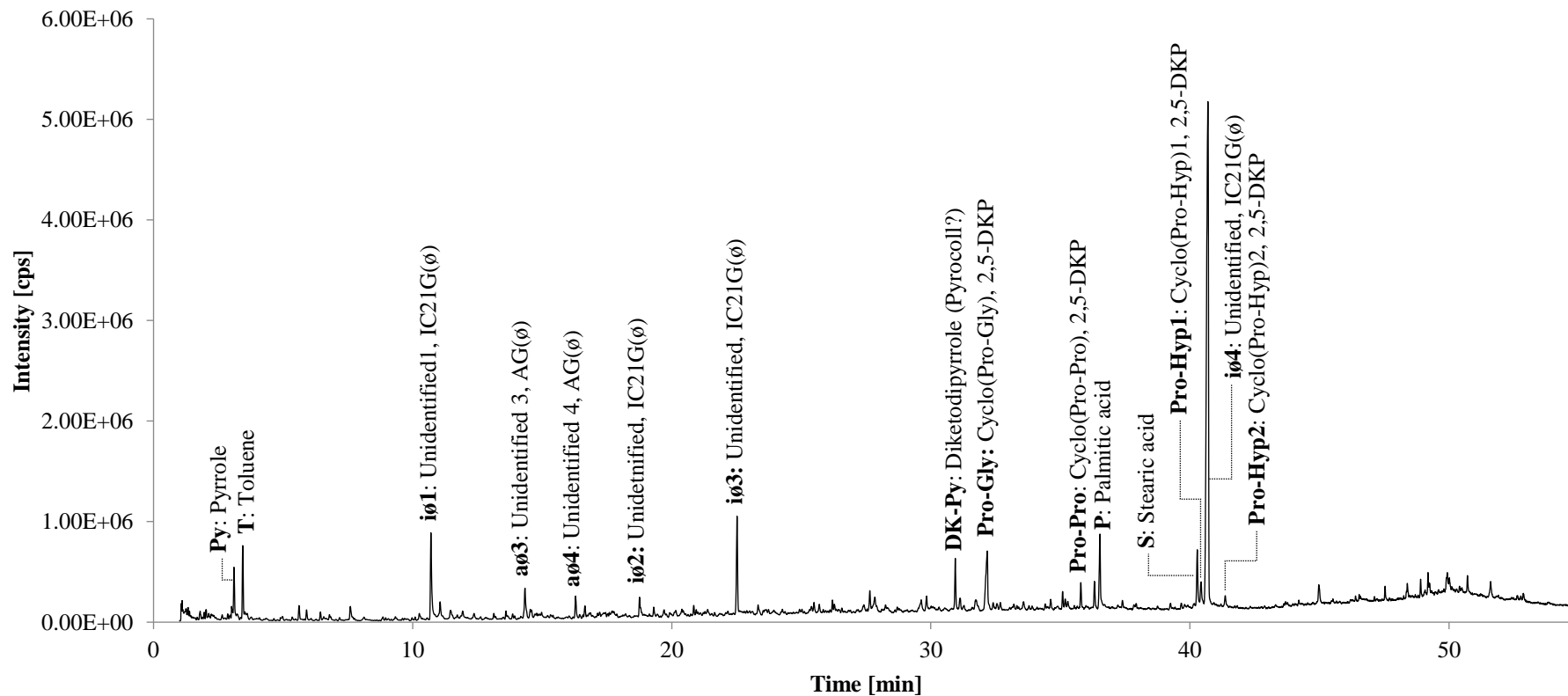


Figure AIII-6: Pyrogram of Icon21 green (ø).

Py, T, aø3, aø4, DK-Py, Pro-Gly, Pro-Pro, og Pro-Hyp1+2 indicate animal glue.

Wukero Cherkos white + TMAH

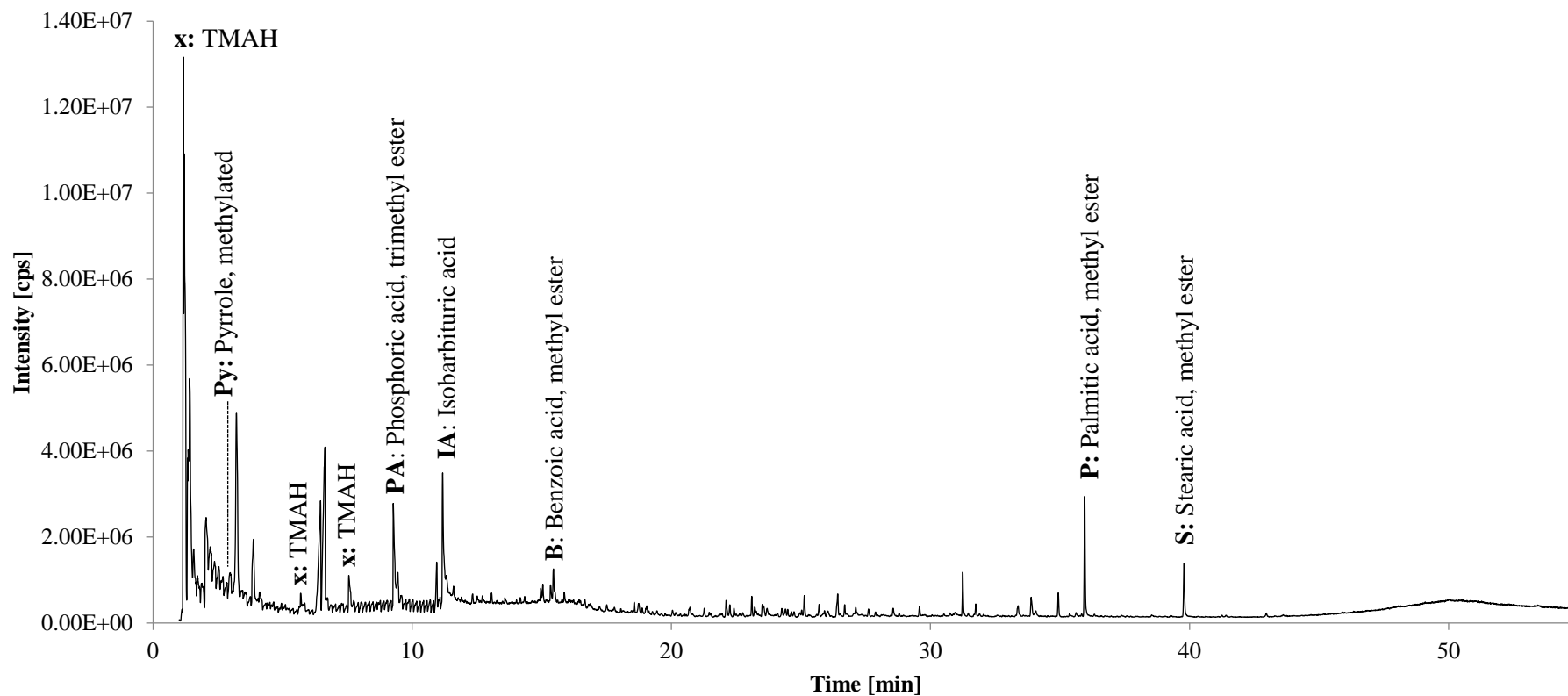


Figure AIII-7: Pyrogram of Wukero Cherkos white + TMAH

Py, IA and possibly B indicate animal glue. Source of P and S inconclusive.

Wukero Cherkos yellow + TMAH

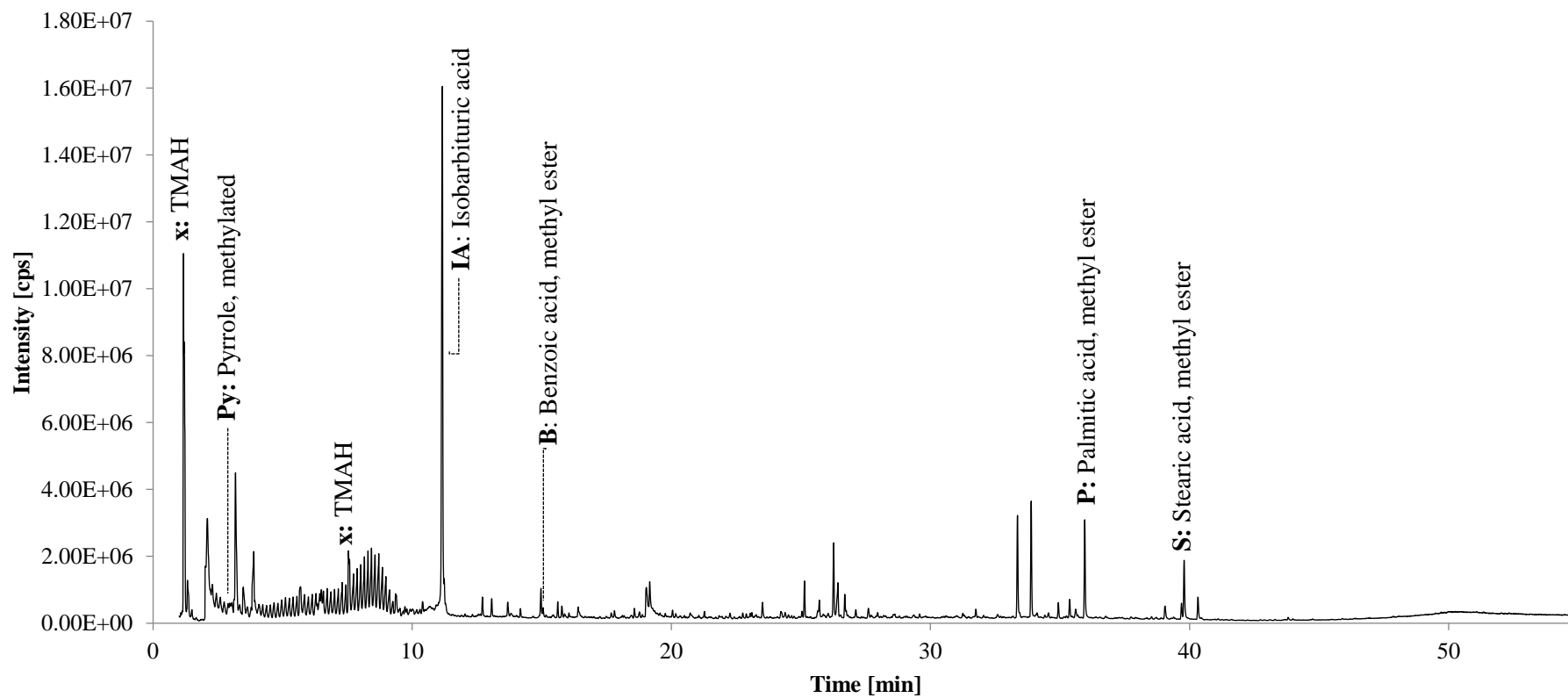


Figure AIII-8: Pyrogram of Wukero Cherkos yellow + TMAH

Py, IA and possibly B indicate animal glue. Source of P and S inconclusive.