

Appendix II: Pyrograms of mock samples (larger)

Figure AII-1: Pyrogram of linseed oil + chalk + TMAH

Figure AII-2: Pyrogram of linseed oil + chalk (\emptyset)

Figure AII-3: Pyrogram of beeswax + TMAH

Figure AII-4: Pyrogram of egg yolk + TMAH

Figure AII-5: Pyrogram of egg yolk (\emptyset)

Figure AII-6: Pyrogram of egg white + TMAH

Figure AII-7: Pyrogram of animal glue + TMAH

Figure AII-8: Pyrogram of animal glue (\emptyset)

Figure AII-9: Pyrogram of casein + TMAH

Linseed oil +chalk + TMAH

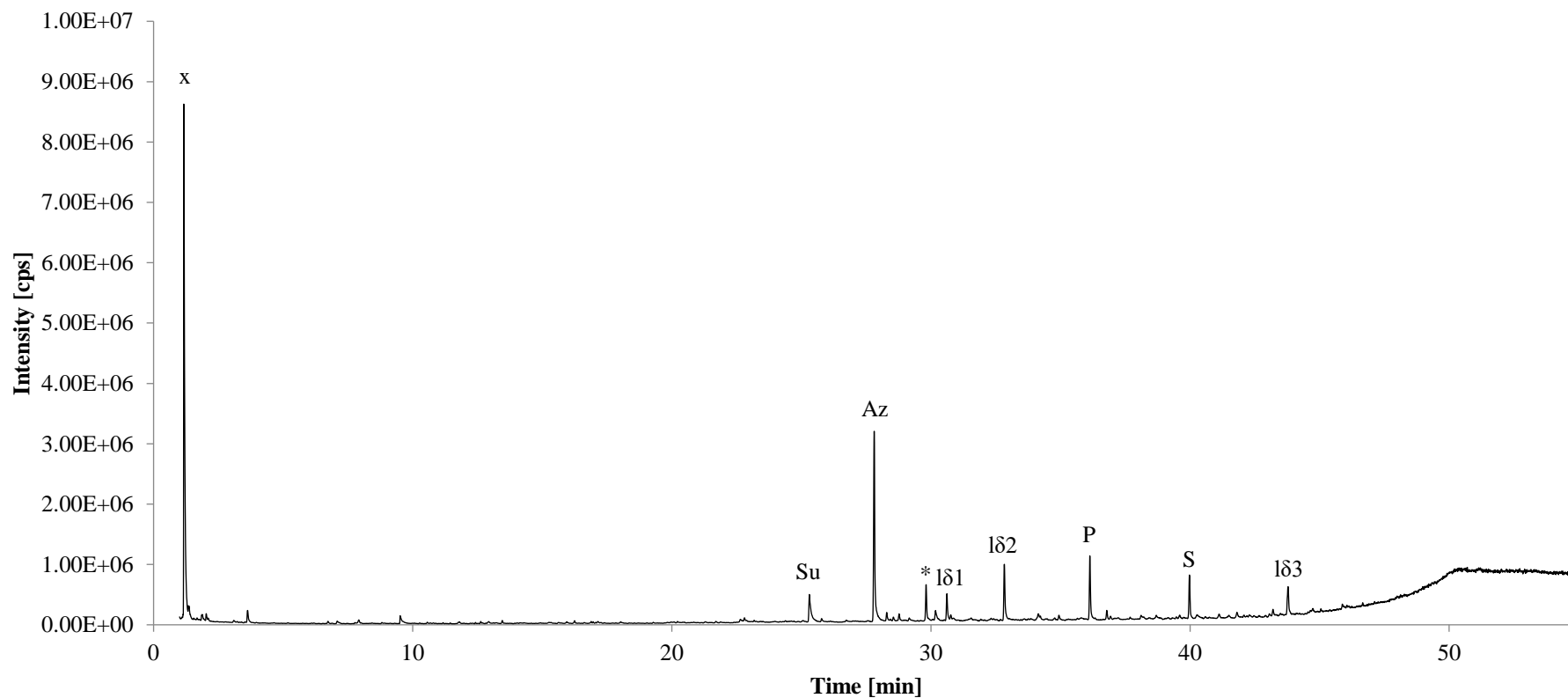


Figure AII-1: Pyrogram of linseed oil + chalk + TMAH

Table AII-1: Selected markers of linseed oil + chalk + TMAH

lδ#: Unknown	Su: Suberic acid, methyl ester	Az: Azelaic acid, methyl ester
P: Palmitic acid, methyl ester	S: Stearic acid, methyl ester	*: Contamination

Linseed oil +chalk (ø)

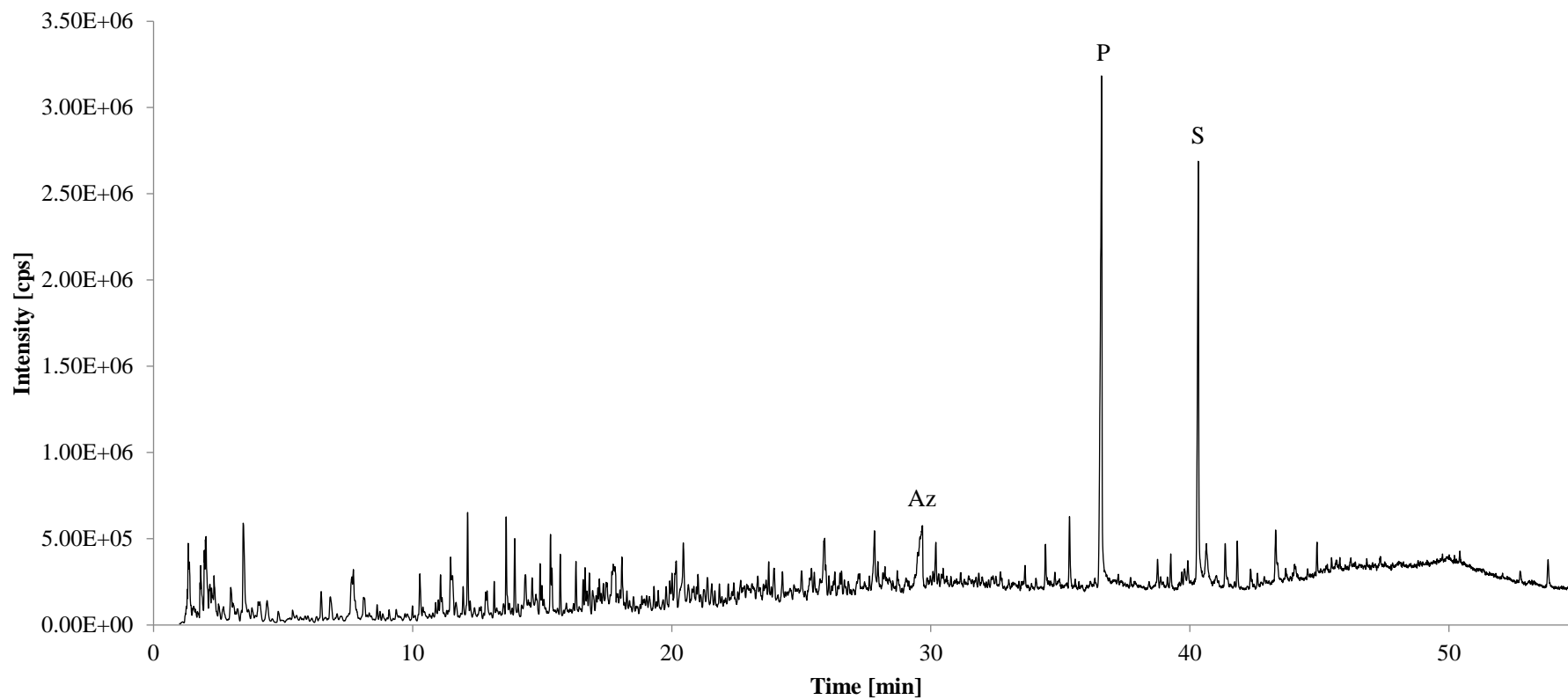


Figure AII-2: Pyrogram of linseed oil + chalk (ø)

Table AII-2: Selected markers of linseed oil + chalk (ø)

Az: Azelaic acid	P: Palmitic acid	S: Stearic acid
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Beeswax+TMAH

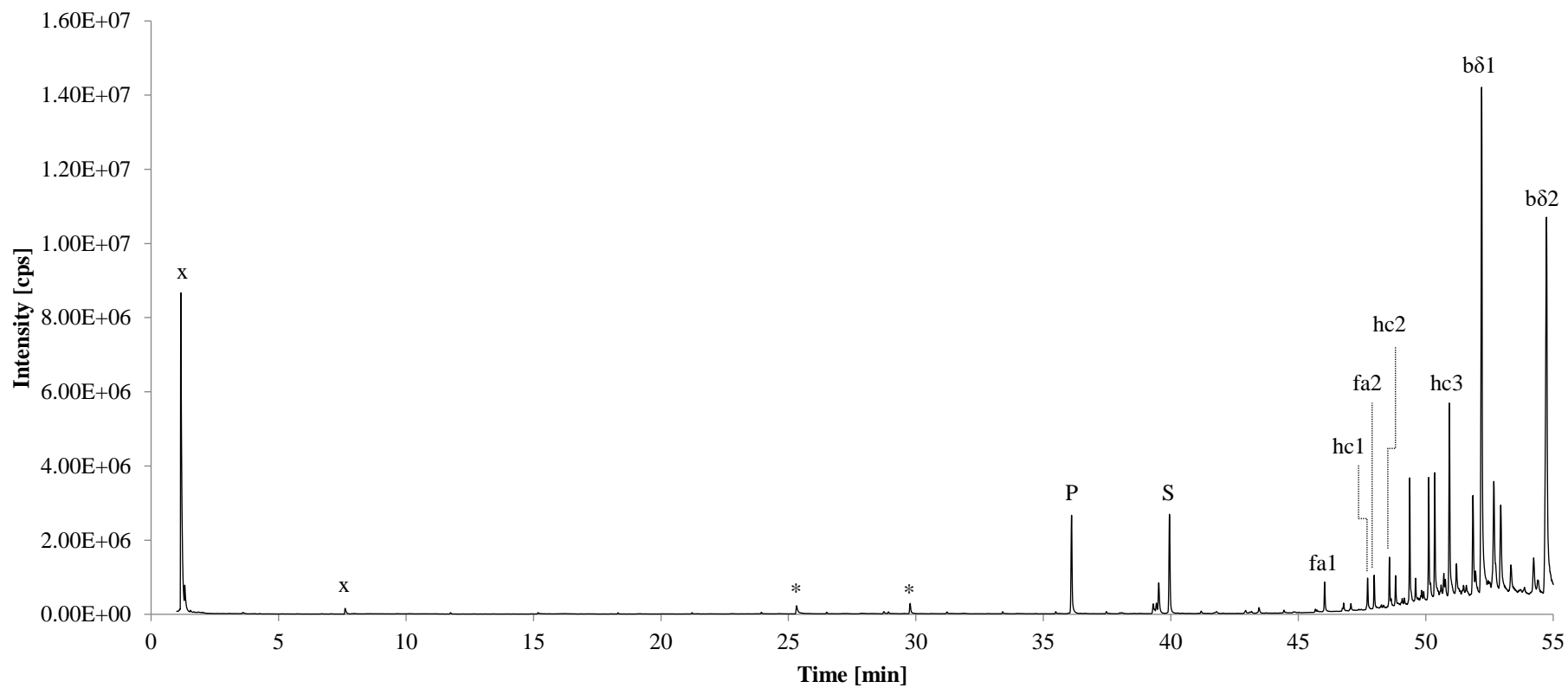


Figure AII-3: Pyrogram of beeswax + TMAH

Table AII-3: Selected markers of beeswax + TMAH

bδ#: unknown	P: Palmitic acid, methyl ester	S: Stearic acid, methyl ester
fa#: unknown long-chained fatty acid	hc#: unknown long-chained hydrocarbon	

Egg yolk+TMAH

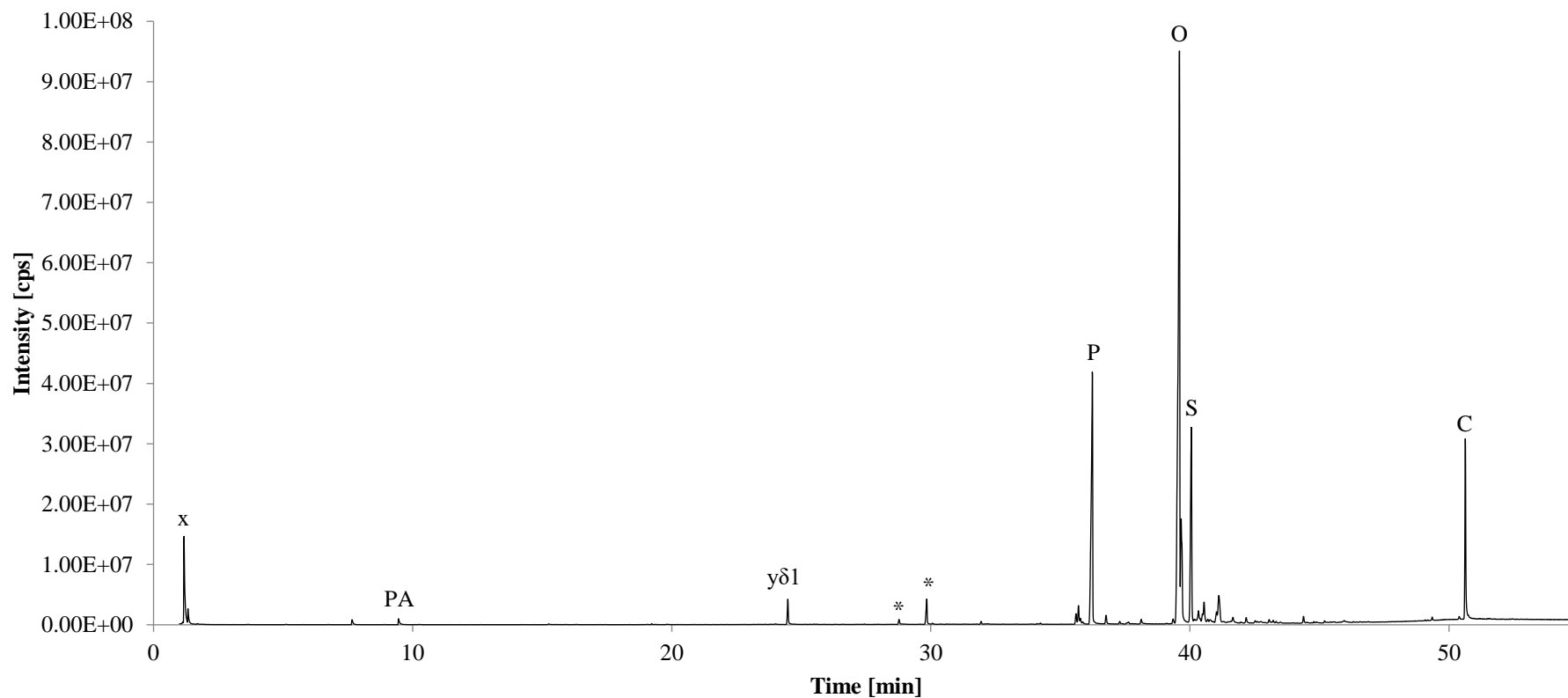


Figure AII-4: Pyrogram of egg yolk + TMAH

Table AII-4: Selected markers of egg yolk + TMAH

yδ1: Unknown	PA: Phosphoric acid, trimethyl ester	P: Palmitic acid, methyl ester	O: Oleic acid, methyl ester
S: Stearic acid, methyl ester	C: Cholesterol, methylated	x: TMAH	*: Contamination

Egg yolk (ø)

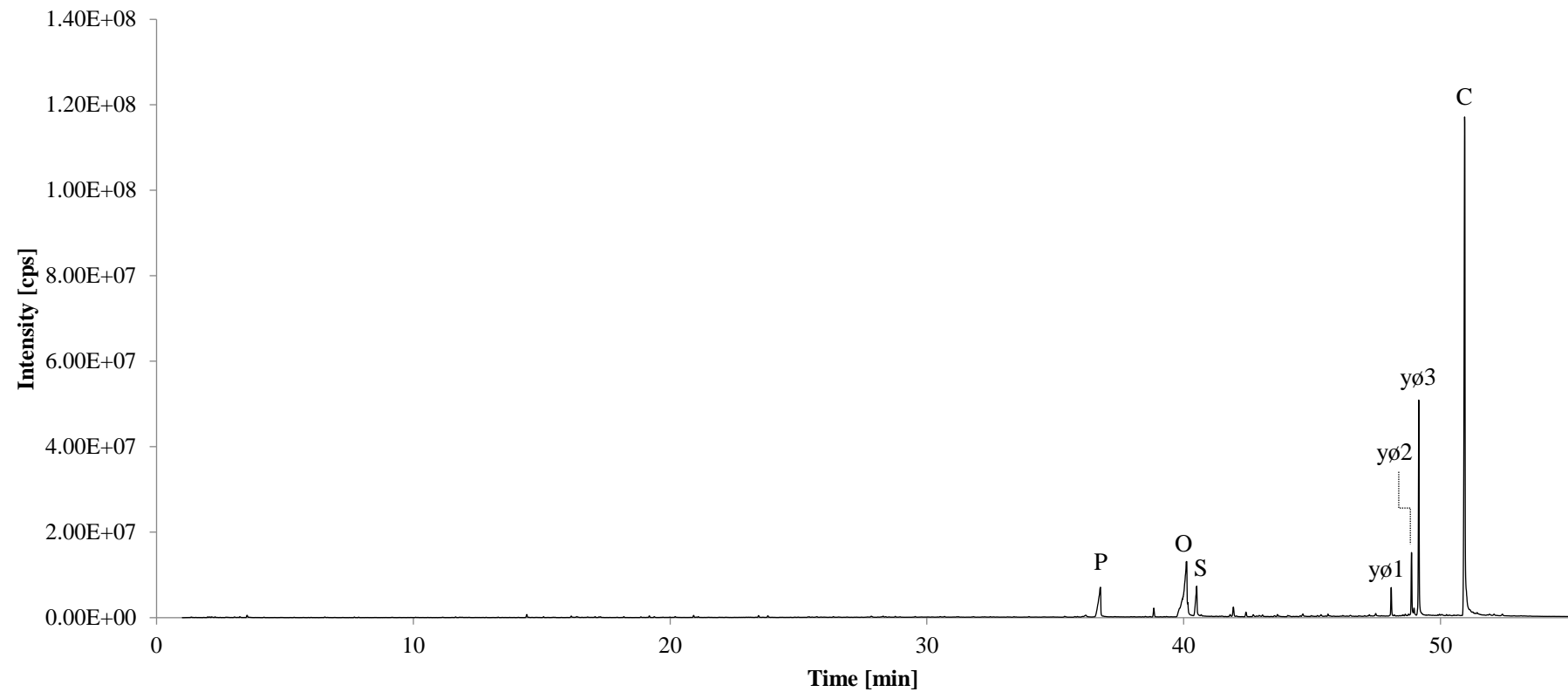


Figure AII-5: Pyrogram of egg yolk (ø)

Table AII-5: Selected markers of egg yolk (ø)

yø#: Unknown	P: Palmitic acid, methyl ester	O: Oleic acid, methyl ester	S: Stearic acid, methyl ester
C: Cholesterol, methylated			

Egg white + TMAH

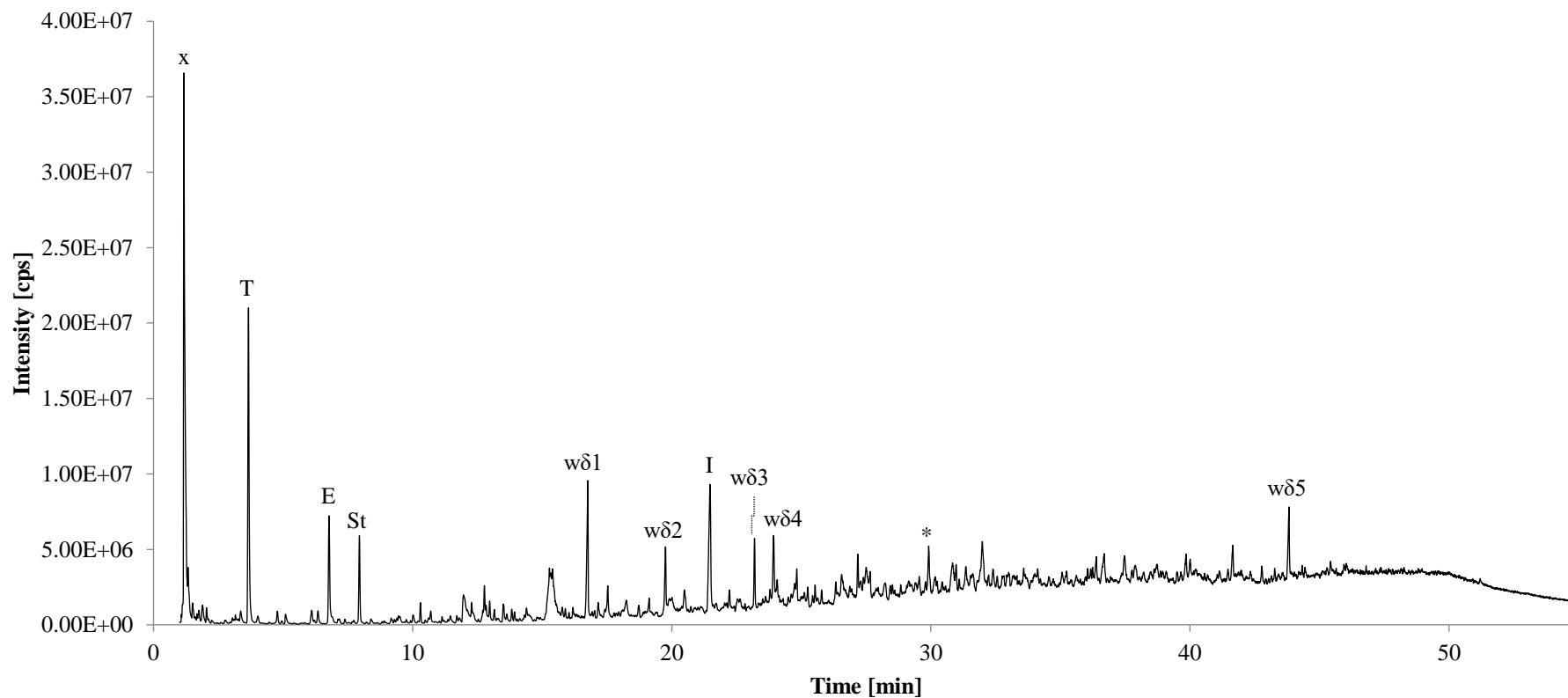


Figure AII-6: Pyrogram of egg white + TMAH

Table AII-6: Selected markers of egg white + TMAH

wδ#: Unknown	T: Toluene	E: Ethylbenzene	St: Styrene
I: Indole	x: TMAH	*: Contamination	

Animal glue + TMAH

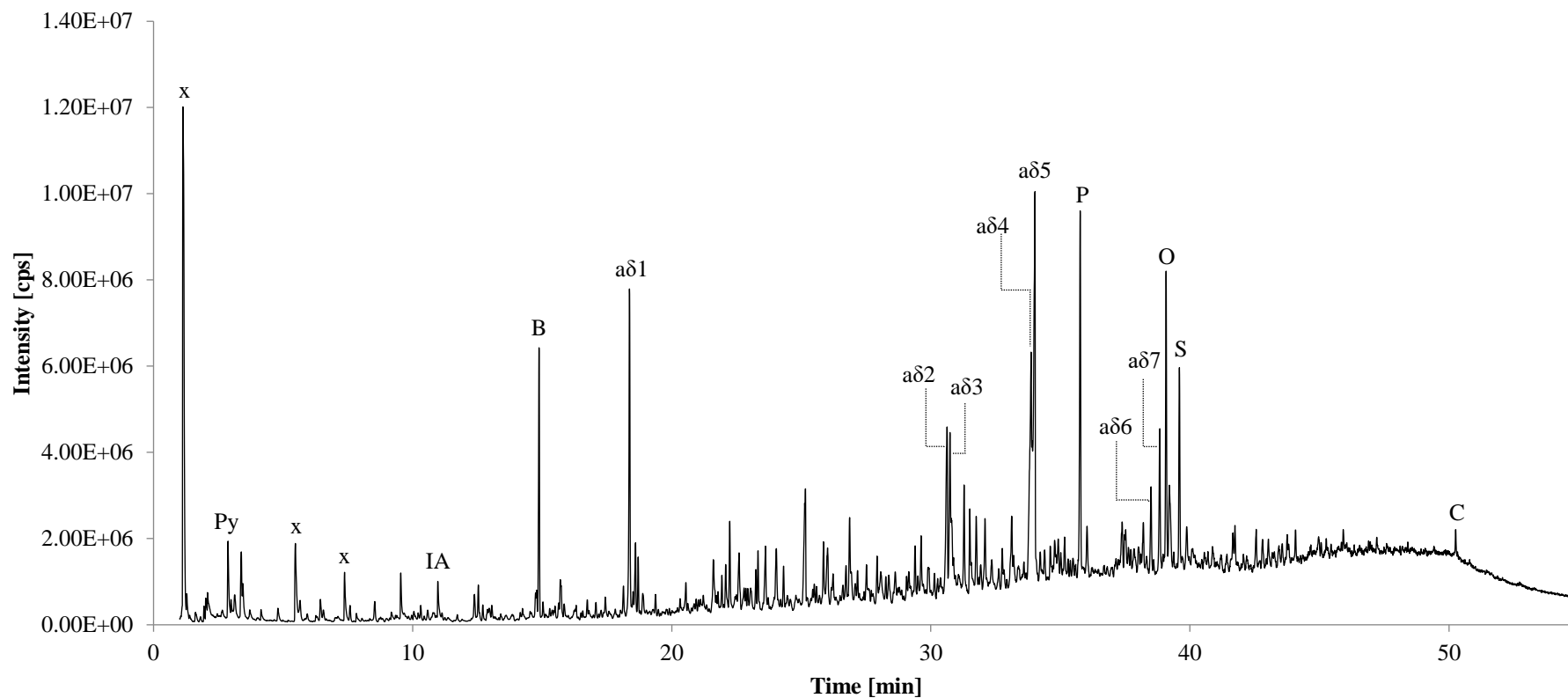


Figure AII-7: Pyrogram of animal glue (ø)

Table AII-7: Selected markers of animal glue (ø)

aδ#: Unknown	Py: Pyrrole, methylated	IA: Isobarbituric acid	B: Benzoic acid, methyl ester
P: Palmitic acid, methyl ester	O: Oleic acid, methyl ester	S: Stearic acid, methyl ester	C: Cholesterol, methylated
x: TMAH			

Animal glue (ø)

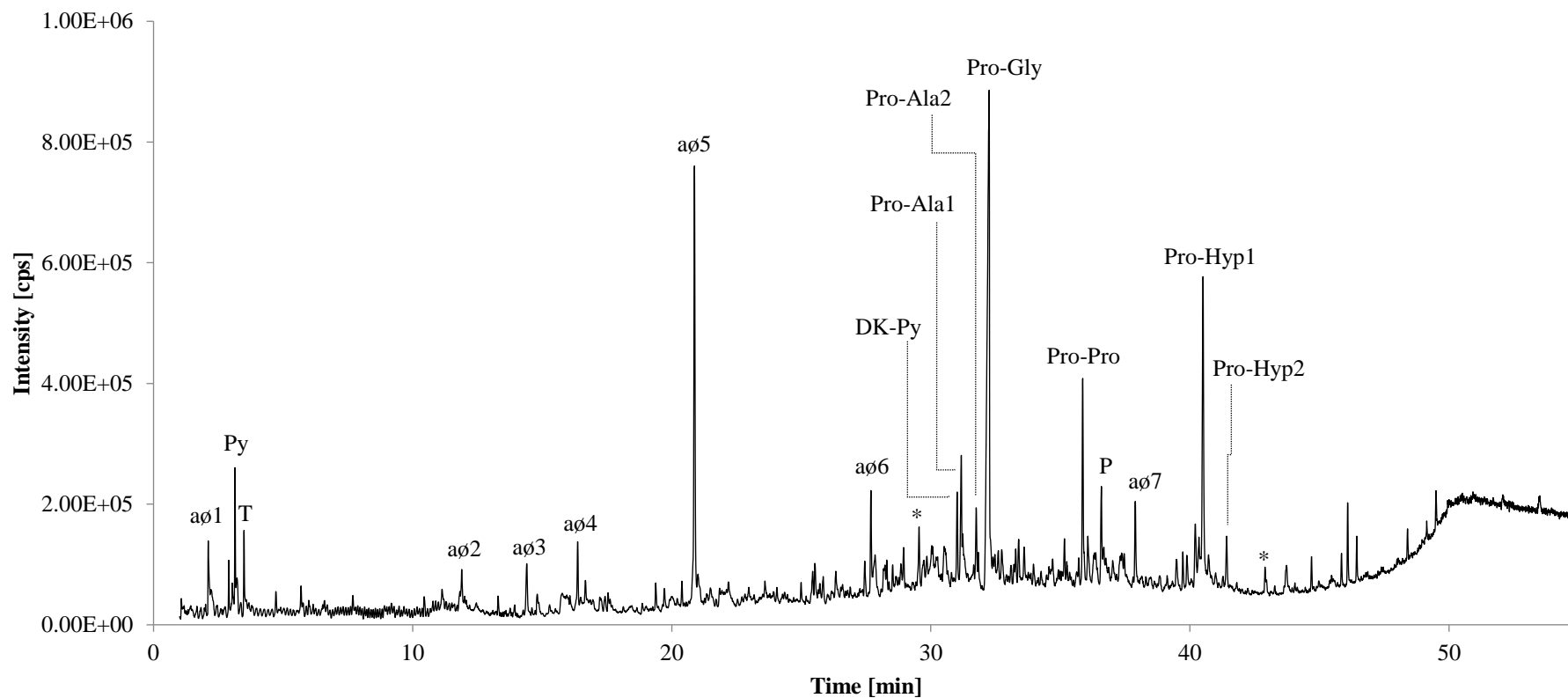


Figure AII-8: Pyrogram of animal glue (ø)

Table AII-8: Selected markers of animal glue (ø)

aø#: Unknown	Py: Pyrrole	T: Toluene	DK-Py: Diketodipyrrole
Pro-Ala1: Cyclo(proline-alanine)1	Pro-Ala2: Cyclo(proline-alanine)2	Pro-Gly: Cyclo(proline-glycine)	Pro-Pro: Cyclo(proline-proline)
P: Palmitic acid	Pro-Hyp1: Cyclo(proline-hydroxyproline)1	Pro-Hyp2: Cyclo(proline-hydroxyproline)2	*: Contamination

Casein+TMAH

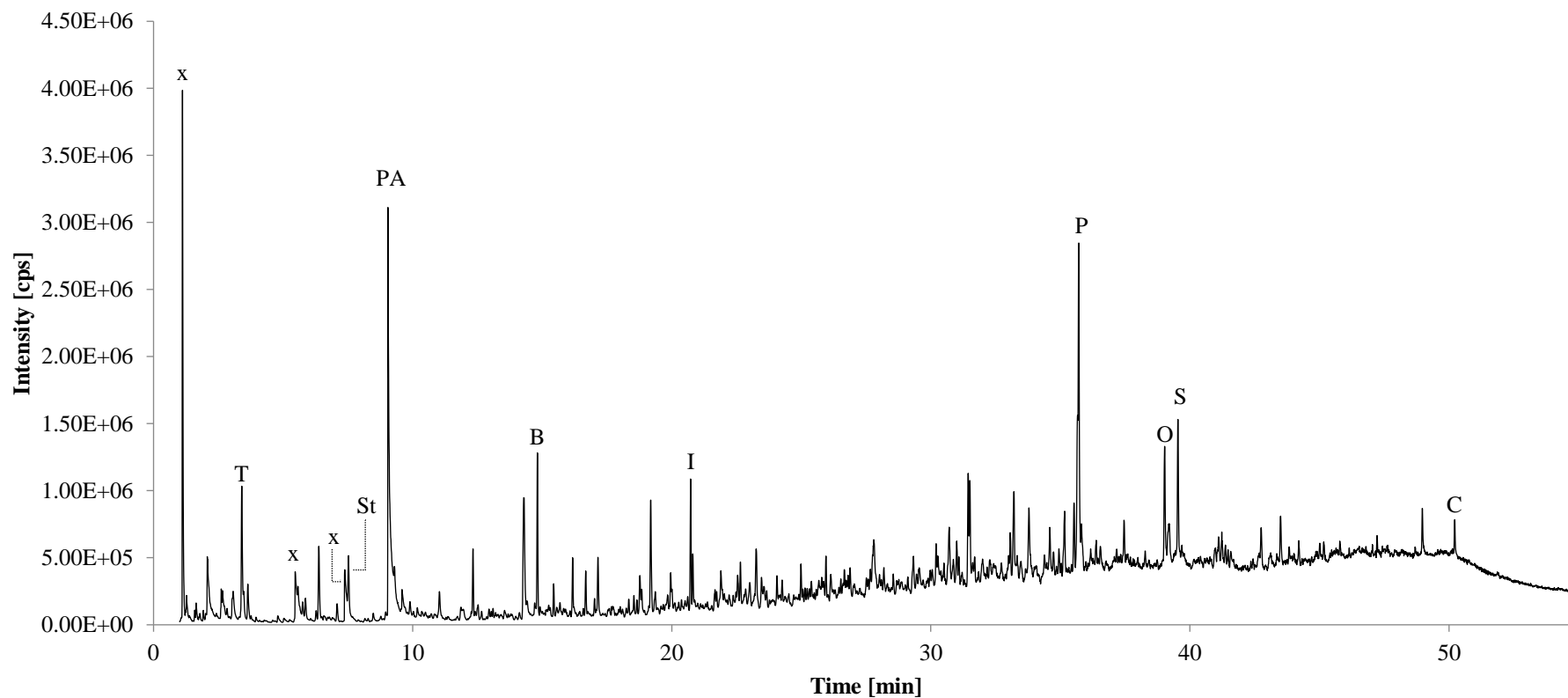


Figure AII-9: Pyrogram of casein + TMAH

Table AII-9: Selected markers of casein + TMAH

T: Toluene	St: Styrene	PA: Phosphoric acid, trimethyl ester
B: Benzoic acid, methyl ester	I: Indole	P: Palmitic acid, methyl ester
O: Oleic acid, methyl ester	S: Stearic acid, methyl ester	C: Cholesterol, methylated