

Steroidy 0,5g vzorky na 5 ml EtOAc.

29.10.2008

STER_NEG.M STER_POZ.M

0 min. 10% ACN+90%HCOOH 0,2%, 36 min. 100% ACN, flow 0,3 ml/min., RUN time 40 min., Post time 7 min.

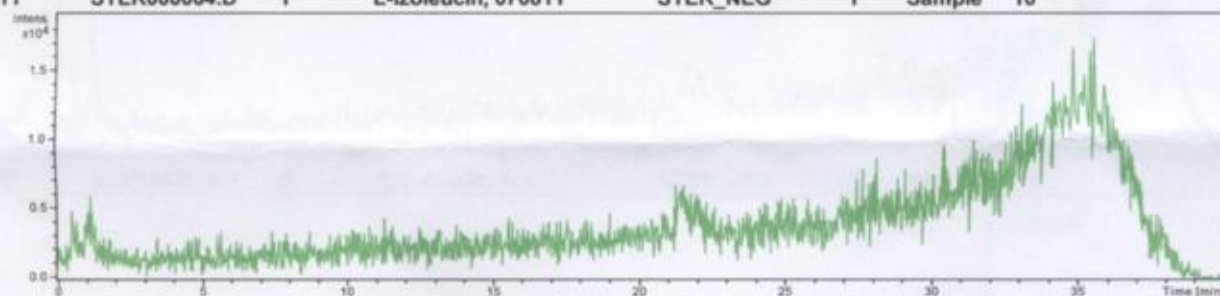
VWD 254nm

MS Parameters

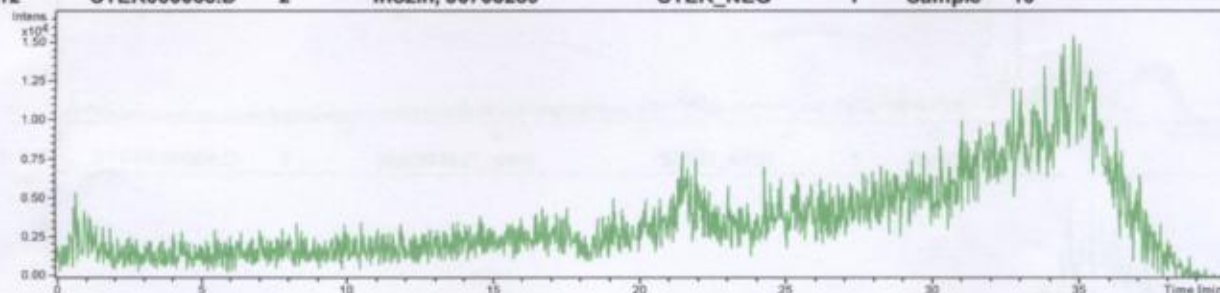
ESI neg. mode ESI poz. mode Scan mode: Standard - Normal
 Nebulizer: 50,0 psi Dry Gas: 10,0 l/min. Dry Temp: 350oC Target mass: 300 m/z
 Compound Stability: 100% Trap Drive Level: 100% Optimize: Normal
 Trap ICC: yes Target: 30000 Max. Accu Time:300,00 ms Scan: 250-350 m/z AVERAGES: 3
 Rolling Averaging: on (2)

Multiple selection 271; 273; 285; 287; 291; 299; 301; 305; 311; 313; 343 v negativnom móde

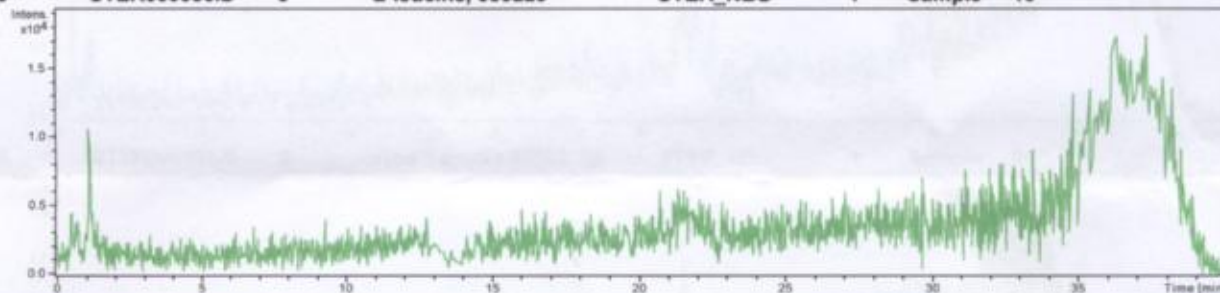
Row	File	Vial	Name	Method	Inj	Volume
1	STER000054.D	1	L-izoleucin, 070811	STER_NEG	1	Sample 10
2	STER000055.D	2	Inozin, J0703259	STER_NEG	1	Sample 10
11	STER000064.D	1	L-izoleucin, 070811	STER_NEG	1	Sample 10



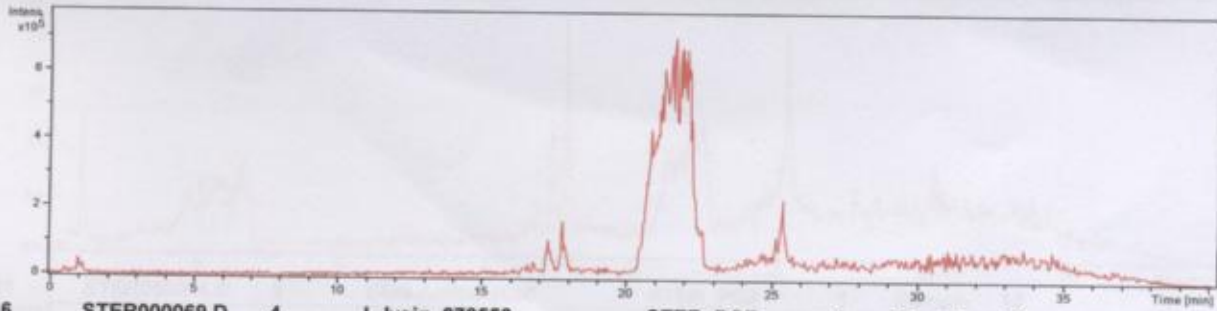
12 STER000065.D 2 Inozin, J0703259 STER_NEG 1 Sample 10



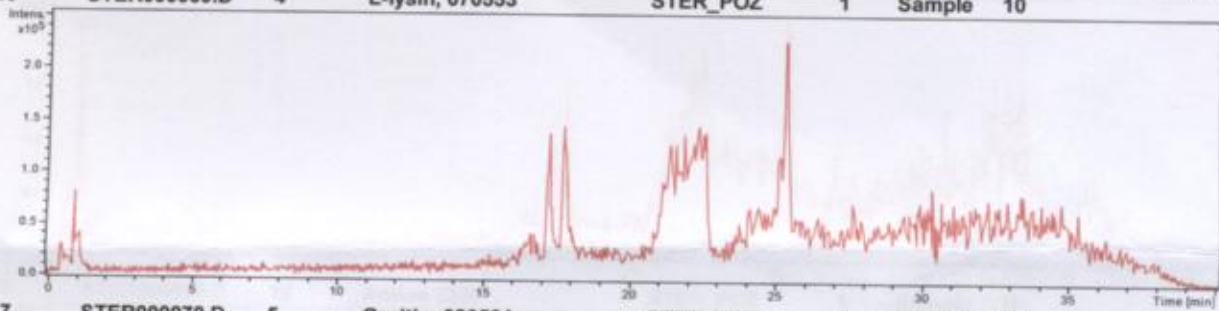
3 STER000056.D 3 L-leucine, 080223 STER_NEG 1 Sample 10



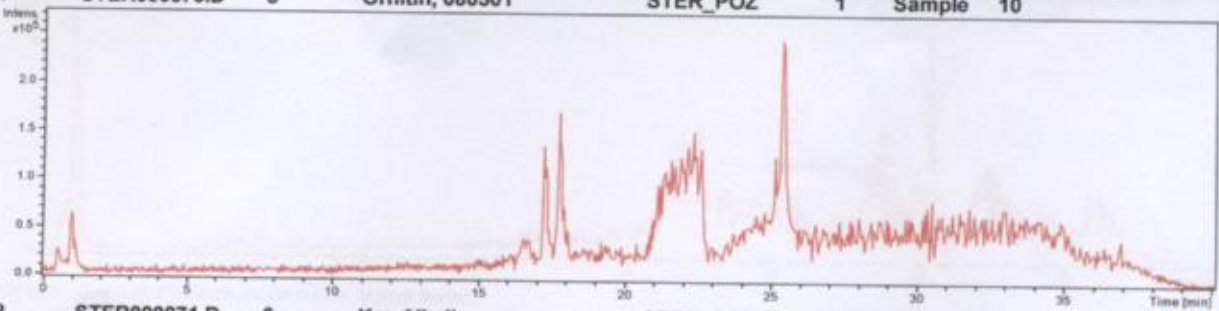
15 STER000068.D 3 L-leucine, 080223 STER_POZ 1 Sample 10



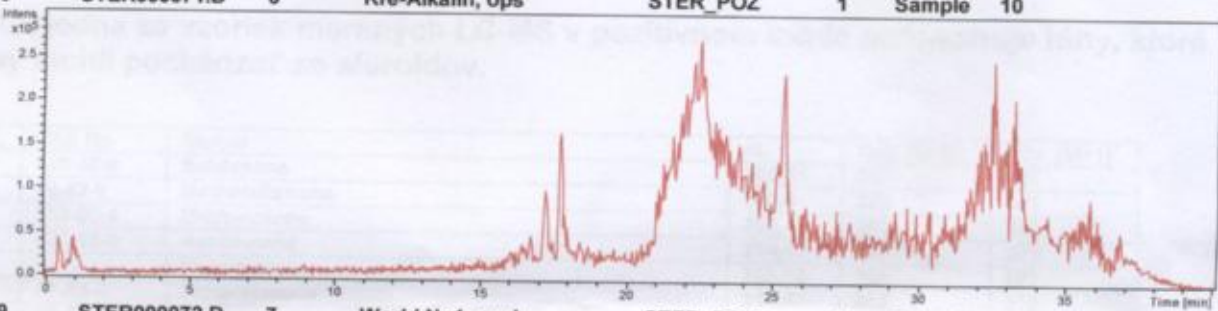
16 STER000069.D 4 L-lysine, 070553 STER_POZ 1 Sample 10



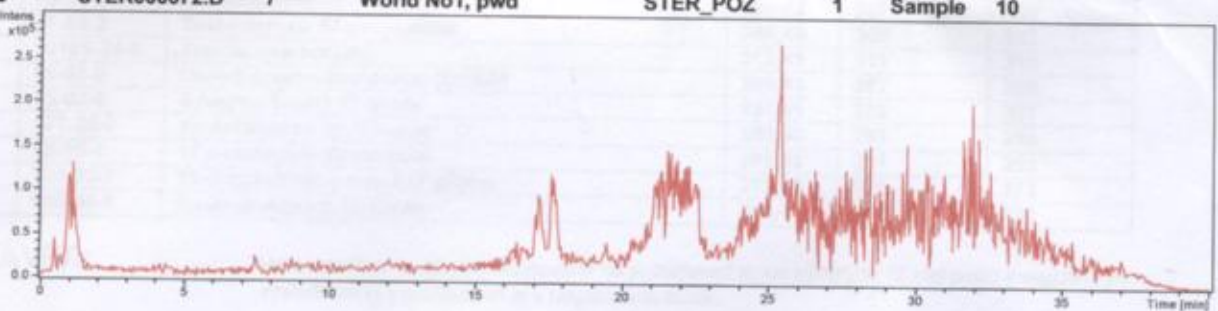
17 STER000070.D 5 Ornitin, 080501 STER_POZ 1 Sample 10

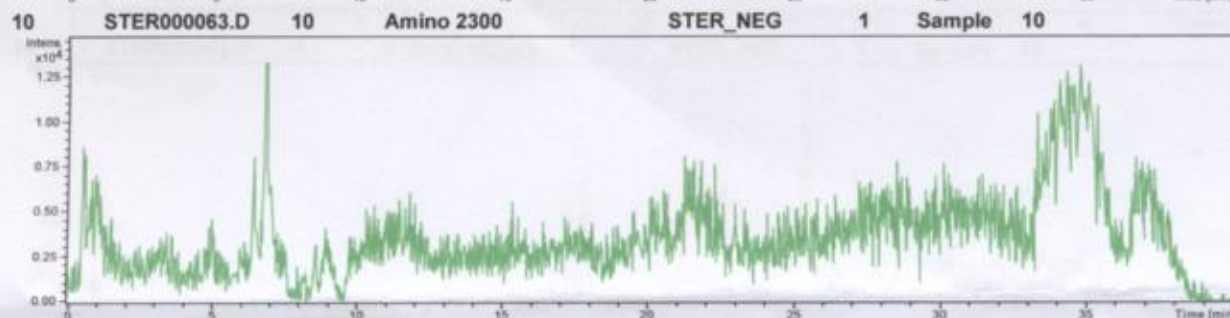
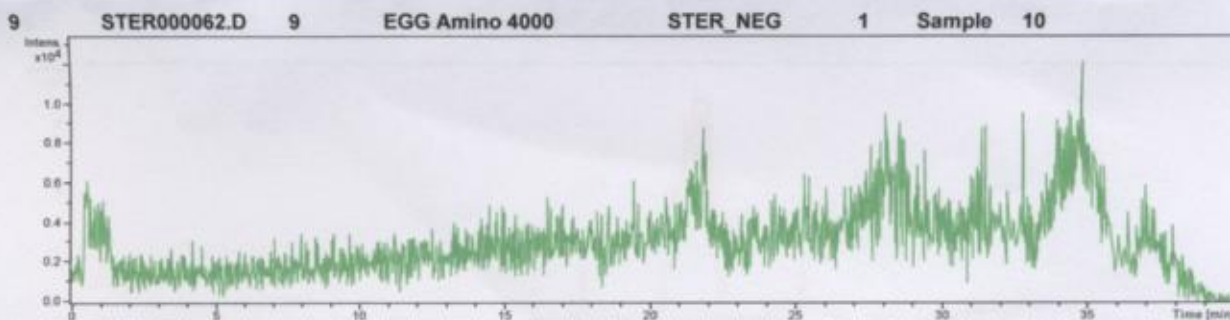


18 STER000071.D 6 Kre-Alkalin, ops STER_POZ 1 Sample 10



19 STER000072.D 7 World No1, pwd STER_POZ 1 Sample 10

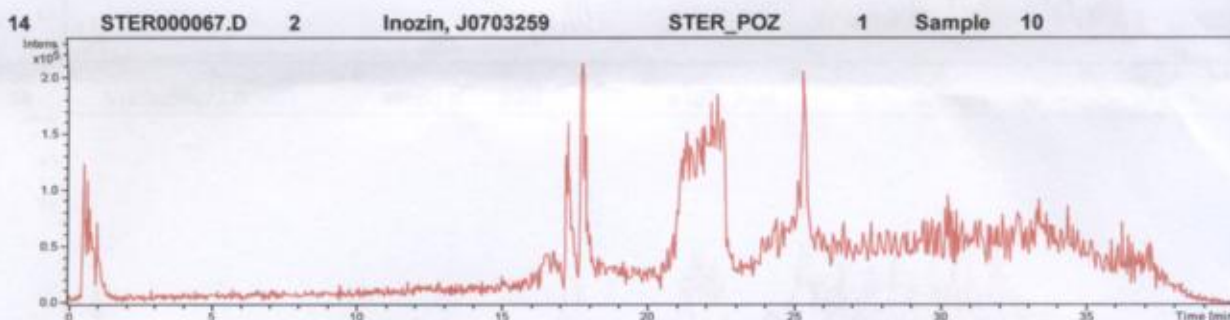
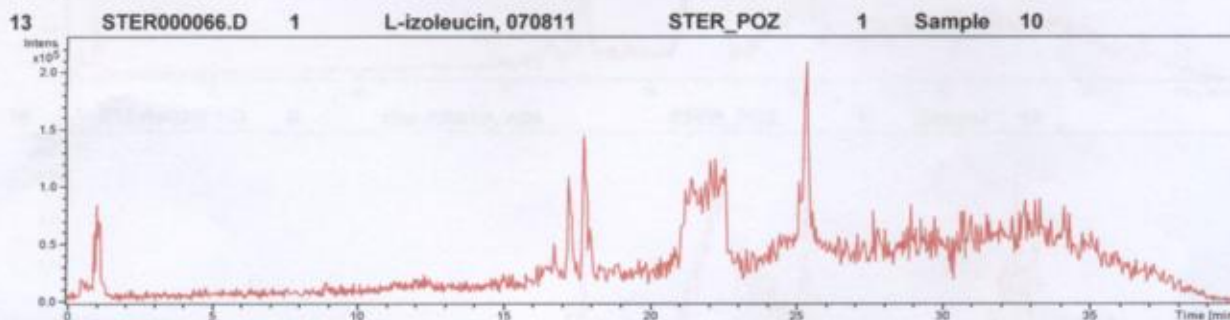


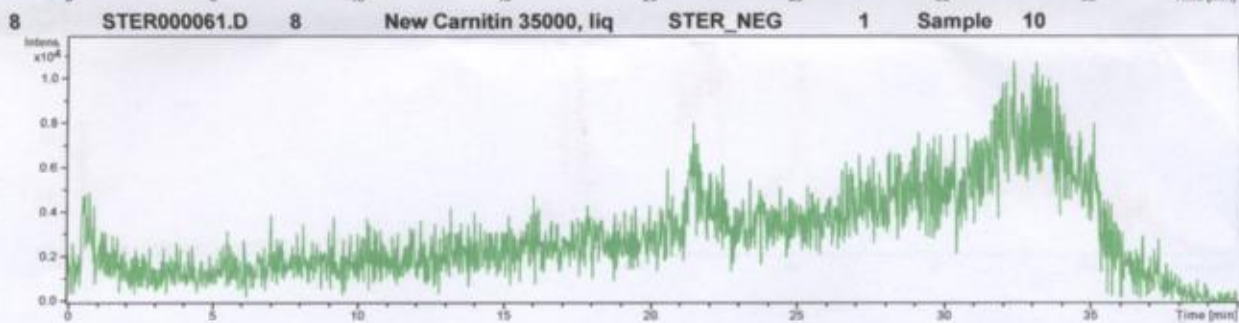
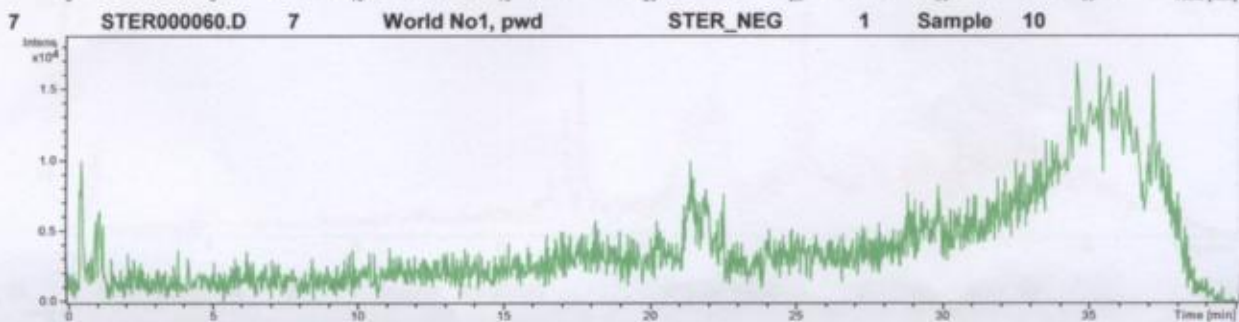
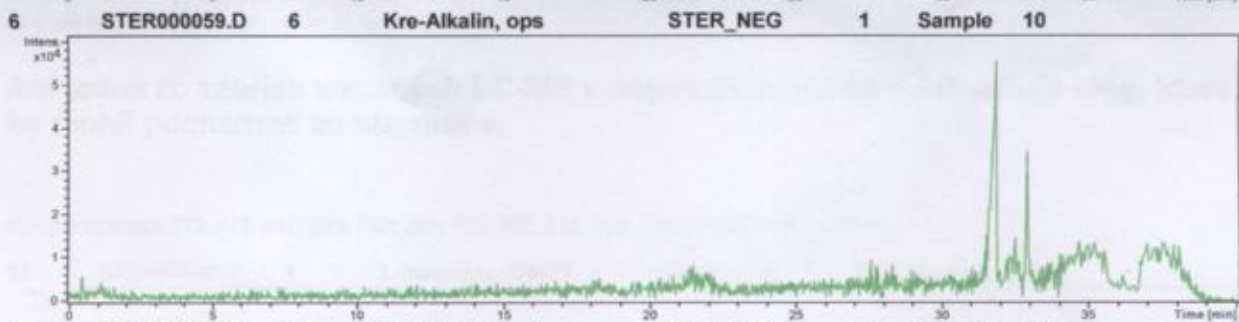
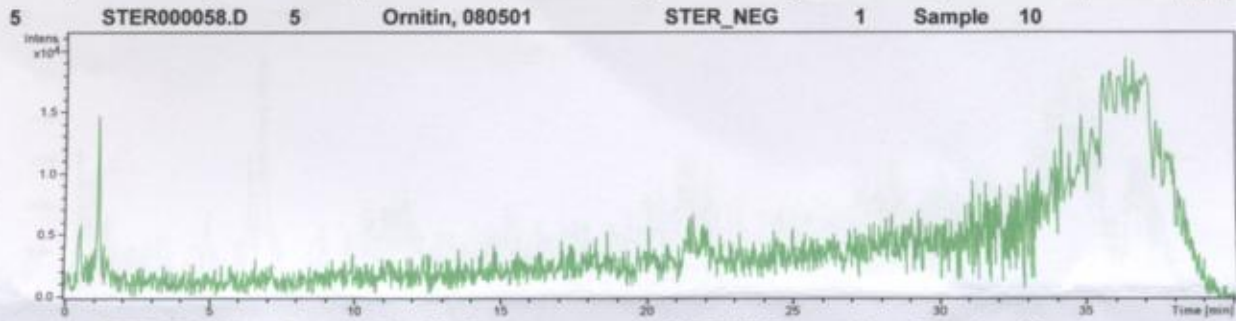
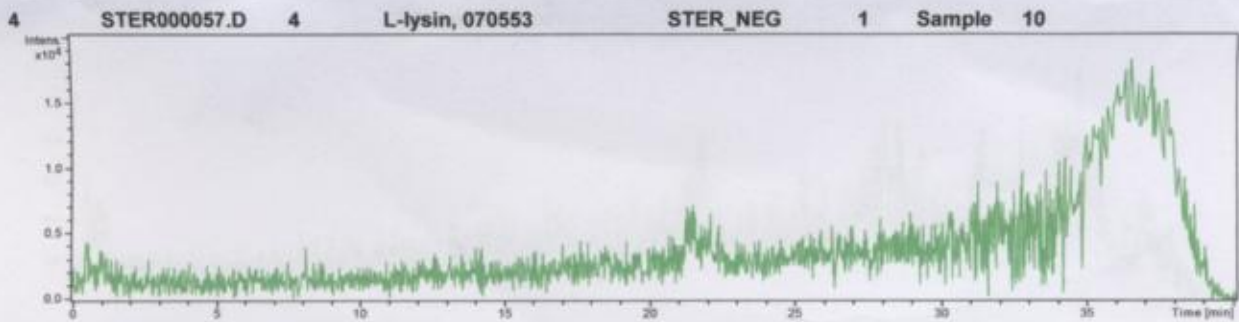


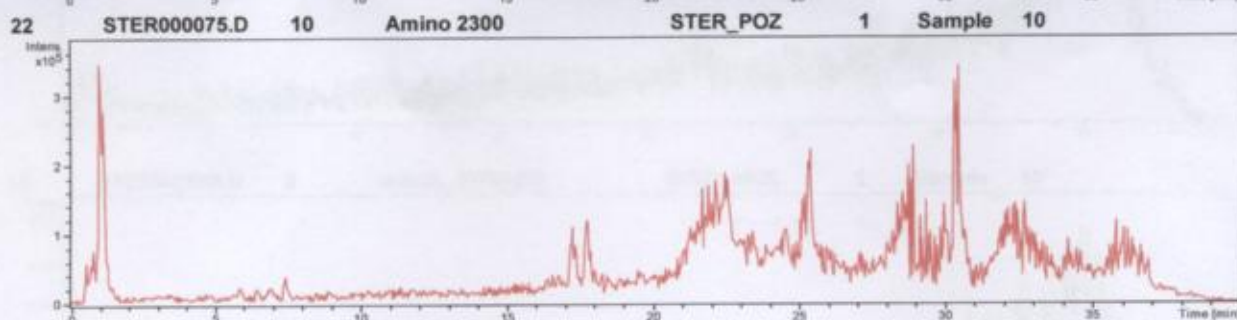
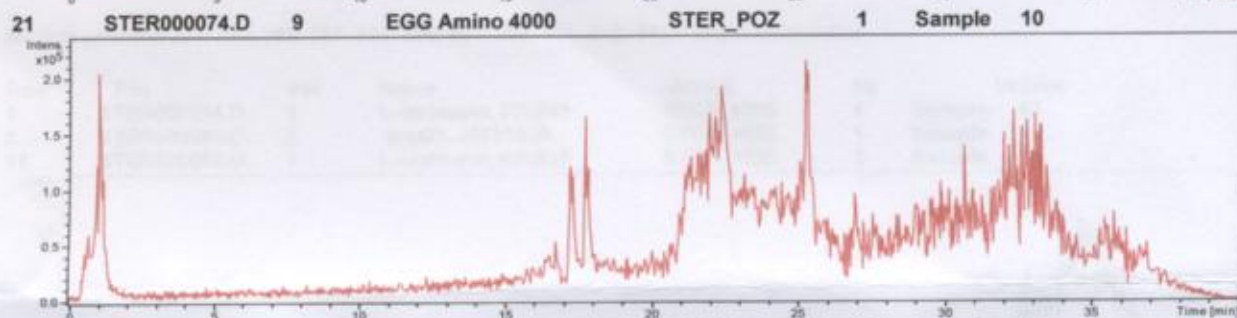
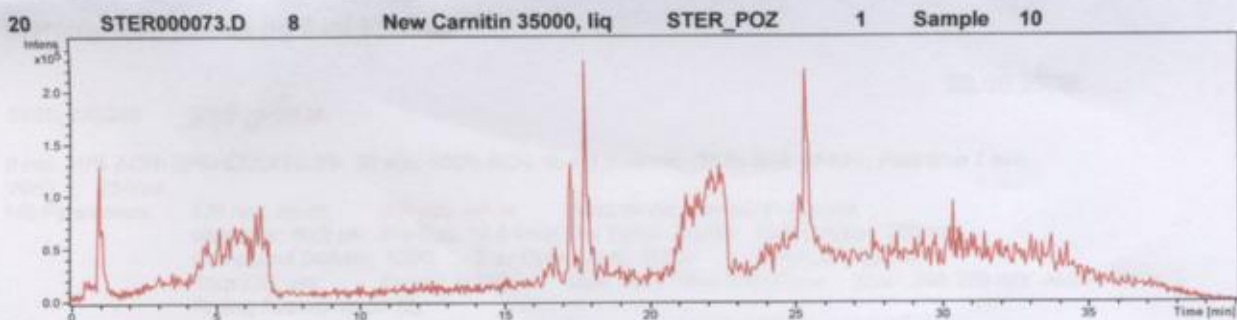
Ióny steroidov v negatívnom móde sú na úrovni šumu.

Ani jedna zo vzoriek meraných LC-MS v negatívnom móde neobsahuje ióny, ktoré by mohli pochádzať zo steroidov.

Multiple selection 273; 275; 287; 289; 293; 301; 303; 307; 313; 315; 345 v pozitívnom móde







Ióny steroidov v pozitívnom móde sú na úrovni šumu.

Ani jedna zo vzoriek meraných LC-MS v pozitívnom móde neobsahuje ióny, ktoré by mohli pochádzať zo steroidov.

Č.	CAS No.	Steroid	M _r	Neg. (M-1) ⁺	Poz. (M+1) ⁺
	846-48-0	Boldenone	286,41	285	287
	72-63-9	Methandienone	300,4	299	301
	153-00-4	Methenolone	302,46	301	303
	434-22-0	Nandrolone	274,40	273	275
		Oxandrolone	306,45	305	307
	57-83-0	Progesterone	314,47	313	315
	58-22-0	Testosterone	288,43	287	289
	57-85-2	Testosterone 17-propionate	344,49	343	345
	10161-34-9	Trenbolone acetate	312,41	311	313
	53-43-0	Dehydroepiandrosterone (DHEA)	288,43	287	289
	63-05-8	4-Androstene-3,17-dione	286,41	285	287
	571-20-0	5 α -Androstan-3 β ,17 β -diol	292,46	291	293
	58-18-4	17 α -methyl-testosterone	302,46	301	303
	734-32-7	19-Norandrost-4-ene-3,17-dione	272,38	271	273
	846-46-8	5 α -Androstan-3,17-dione	288,43	287	289

ZÁVER:

Hore uvedené vzorky boli testované na prítomnosť iónov všetkých 15 steroidov s negatívnym výsledkom aj v pozitívnom aj v negatívnom móde.

Ing. Emil Švajdenka

29.10.2008

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