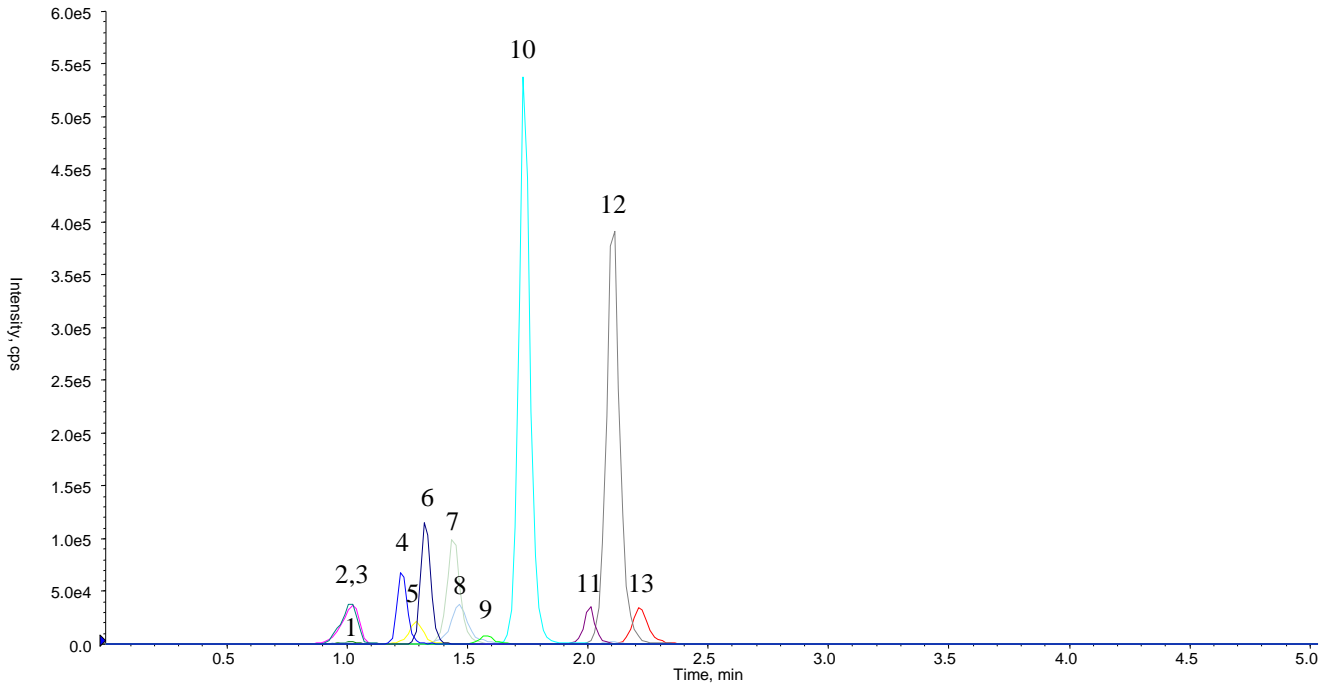


Analysis of 13 drugs for NSAIDs



Conditions

System : LC800 HPLC system
4000 Q TRAP[®]

Column : InertSustain C18 (2 μm, 100 x 2.1 mm I.D)

Column Cat. No. : 5020-14354

Eluent : A) CH₃CN
B) 5 mM HCOONH₄
A/B = 50/50 - 5 min - 90/10, v/v

Flow Rate : 0.3 mL/min

Col. Temp. : 40 °C

Detection : LC/MS/MS (4000Q TRAP[®] : ESI, Negative, MRM)

	CUR	CAD	IS	TEM	GS1	GS2
	40	3	-4500	450	40	50

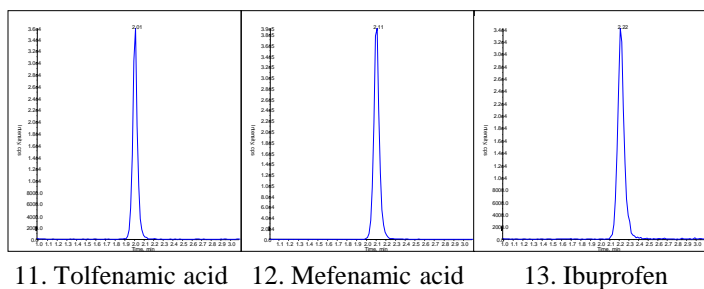
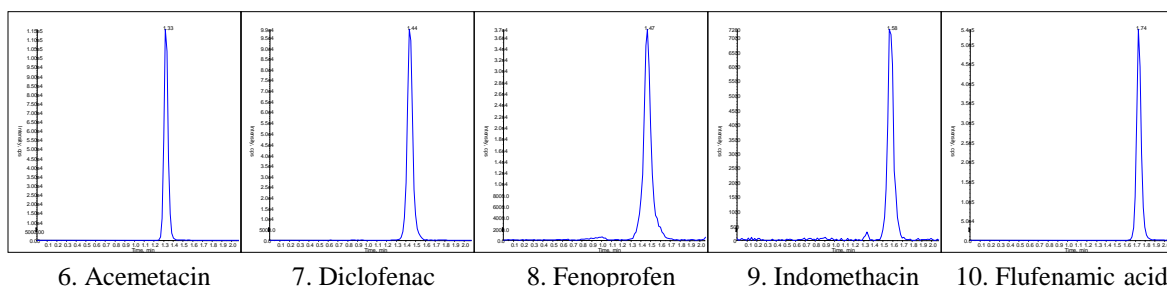
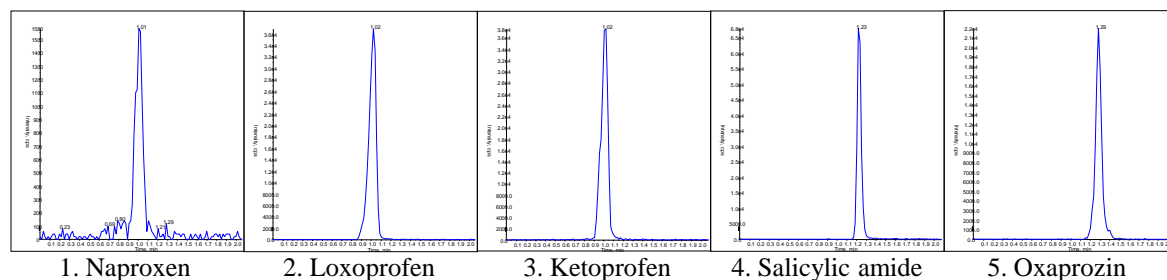
Injection Vol. : 5 μL

Sample : Standards (each 100 ng/mL)

Analyte:

1. Naproxen
2. Loxoprofen
3. Ketoprofen
4. Salicylic amide
5. Oxaprozin
6. Acemetacin
7. Diclofenac
8. Fenoprofen
9. Indomethacin
10. Flufenamic acid
11. Tolfenamic acid
12. Mefenamic acid
13. Ibuprofen

Analysis of 13 drugs for NSAIDs



	Sample Name	R.T.	Q1	Q3	DP	EP	CE	CXP
1	Naproxen	1.01	229	185	-55	-10	-10	-11
2	Loxoprofen	1.02	245	83	-45	-10	-18	-5
3	Ketoprofen	1.02	253	209	-45	-10	-12	-7
4	Salicylic amide	1.23	136	118	-50	-10	-20	-5
5	Oxaprozin	1.29	292	220	-105	-10	-30	-19
6	Acemetacin	1.33	414	75	-60	-10	-38	-11
7	Diclofenac	1.44	294	250	-40	-10	-16	-1
8	Fenoprofen	1.47	241	197	-30	-10	-12	-9
9	Indomethacin	1.58	357	313	-50	-10	-12	-7
10	Flufenamic acid	1.74	280	236	-70	-10	-26	-11
11	Tolfenamic acid	2.01	261	217	-45	-10	-24	-19
12	Mefenamic acid	2.11	240	196	-60	-10	-24	-9
13	Ibuprofen	2.22	205	161	-45	-10	-10	-9