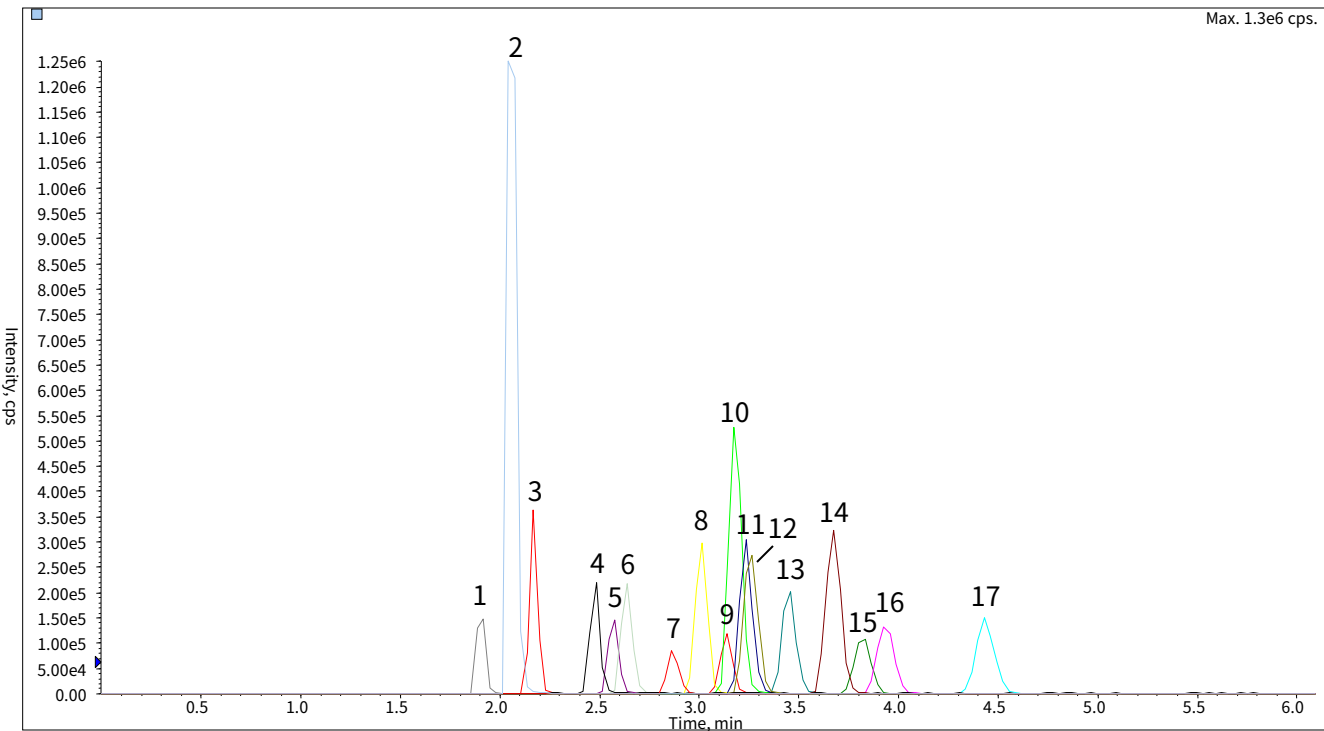


Analysis of 17 Anti-depressant drugs (InertSustain C18)

Data No. LA908-0811



Conditions

System : LC800 HPLC system
4000 Q TRAP®
Column : InertSustain C18 HP (3µm, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-14415
Eluent : A) 0.1 % HCOOH in CH₃CN
B) 0.1 % HCOOH in H₂O
A/B = 2/98 –0.5 min- 40/60 –5.5 min- 40/60 ,v/v
Flow rate : 0.4 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (4000Q TRAP®: ESI, Positive, MRM)
CUR CAD IS TEM GS1 GS2
10 4 4500 700 70 10
Injection Vol. : 5 µL
Sample : Anti-depressant drugs

Analyte:

	R.T.	Q1	Q3	DP	EP	CE	CXP
1. Sulpiride	1.90	342.2	112.2	71	10	37	4
2. Milnacipran	2.07	247.2	230.2	41	10	17	14
3. Trazodone	2.17	372.2	176.1	81	10	35	8
4. Mianserin	2.48	265.1	208.2	61	10	29	12
5. Amoxapine	2.57	314.2	271.1	81	10	35	16
6. Doxepin	2.64	280.2	107.0	51	10	35	18
7. Paroxetine	2.87	330.2	192.2	76	10	31	10
8. Desipramine	3.01	267.2	71.9	46	10	27	10
9. Fluvoxamine	3.14	319.2	70.9	51	10	33	10
10. Imipramine	3.18	281.2	86.1	51	10	25	14
11. Nortriptyline	3.24	264.1	233.2	61	10	21	12
12. Maprotiline	3.26	278.2	250.2	71	10	27	14
13. Amitriptyline	3.45	278.2	233.2	76	10	27	14
14. Trimipramine	3.67	295.4	100.3	51	10	25	4
15. Fluoxetine	3.82	310.2	44.0	36	10	39	4
16. Sertraline	3.94	306.1	275.0	36	10	19	16
17. Clomipramine	4.43	315.2	86.1	56	10	27	14

(each 100 ng/mL)