

InertSearch™ for LC

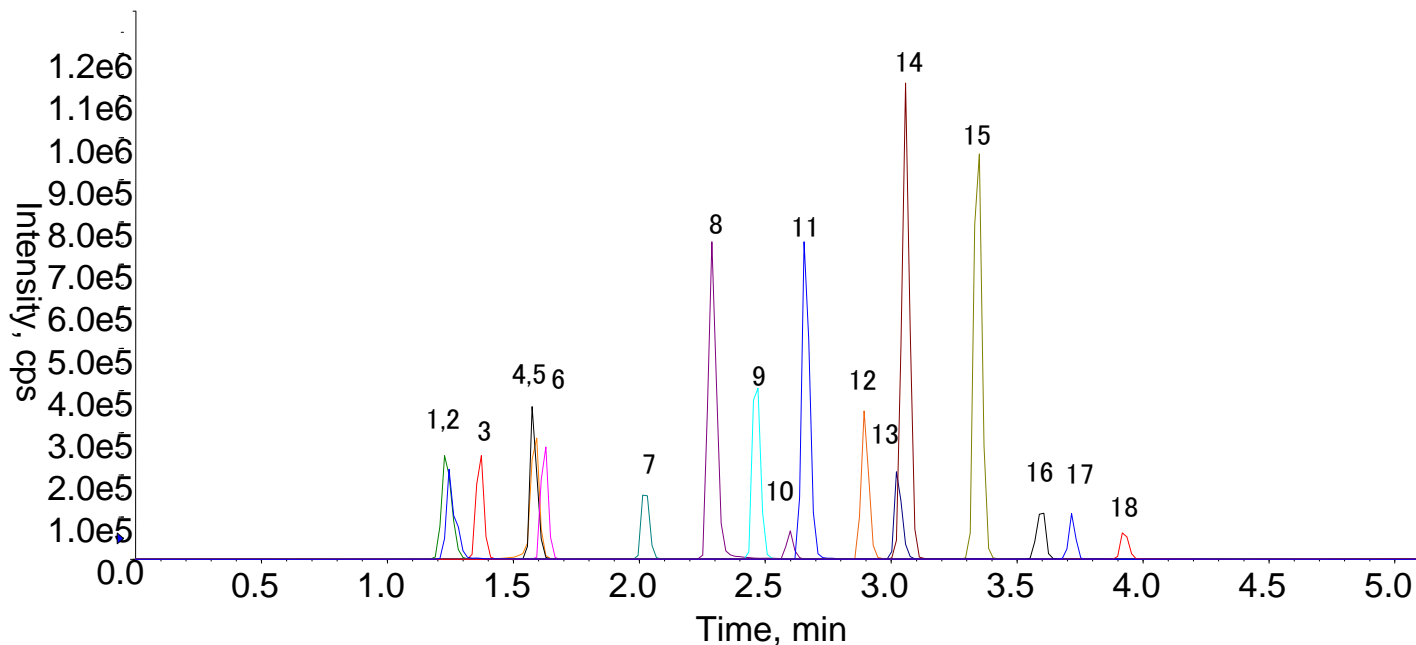
Inertsil® Applications

Analysis of 18 Drugs (InertSustain C18 2 μ m)

Data No. LB042-0811

Analyte:

1. Acetaminophen	6. Caffeine	11. Doxepin	16. Warfarin
2. Ranitidine	7. Metoprolol	12. Amitriptyline	17. Capsaicin
3. Theophylline	8. Chlorpheniramine	13. Reserpine	18. Dihydrocapsaicin
4. Scopolamine	9. Propranolol	14. Isopropylantipyrine	(each 100 μg/L)
5. Naltrexone	10. Diphenhydramine	15. Ketoprofen	



Conditions

System	: LC800 HPLC system 4000 Q TRAP®
Column	: InertSustain C18 (2 μ m, 50 x 2.1 mm I.D)
Column Cat. No.	: 5020- 14352
Eluent	: A) CH ₃ CN B) 0.15 % HCOOH in H ₂ O A/B = 5/95 -5 min- 95/5, v/v
Flow rate	: 0.5 mL/min
Col. Temp.	: 40 °C
Detection	: LC/MS/MS (4000Q TRAP® : ESI, Positive, MRM) CUR CAD IS TEM GS1 GS2 20 8 5500 700 60 30
Injection Vol.	: 10 μ L
Sample	: Standards