

CHEMCOSORBアプリケーション

11. 感冒薬成分(Drug for flue)

CHEMCOSORB 10-ODS-L 4.6φ X250mm
MeOH/0.02M-H3PO4(30:70)
1.5mL/min, R.T., UVD 254nm

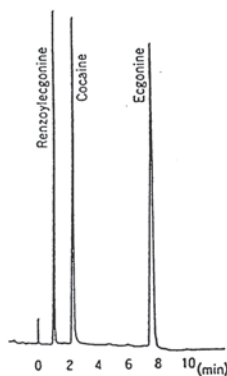
1.Acetaminophen 2.Salicylamide 3.Caffeine
4.Acetylsalicylic Acid



12. コカイン(Cocaine mix)

CHEMCOSORB I-10C18 4.0φ X 300mm
CH3CN/KH2PO4 Buffer(pH 2.7)(17:83)
2.0mL/min, R.T., UVD

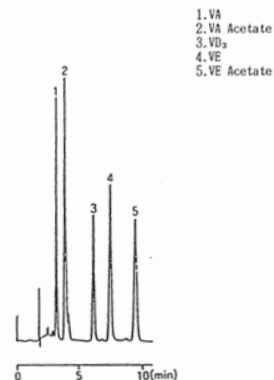
1.Renzyecgonine 2.Cocaine 3.Ecgonine



5. 脂溶性ビタミン(Oil-soluble vitamin)

CHEMCOSORB 5ODS-H 4.6φ X150mm
MeOH/H2O(95:5)
1.0mL/min, R.T., UVD 254nm

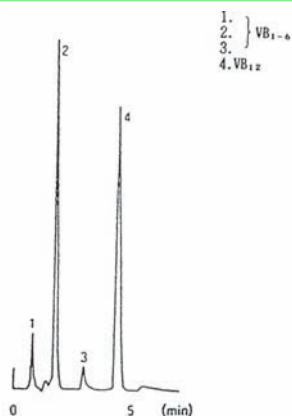
1.VA 2.VA Acetate 3.VD3 4.VE 5.VE Acetate



6. ビタミンB12(Vitamin B12)

CHEMCOSORB 7-SCX 4.6φ X150mm
CH3CN/5mM NaH2PO4(30:70)
1.5mL/min, R.T., UVD 361nm

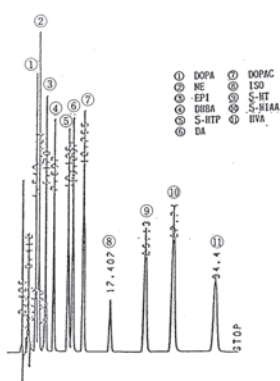
1. 2. VB1-6, 3. 4.VB12



34. カテコールアミンとインドールアミン (Catecholamines/Indoleamines)

CHEMCOSORB 5ODS-H 4.6φ X250mm
90% 0.1M Citric buffer[pH3.4] 10% MeOH 0.5mM I.P.R.
0.8mL/min, ECD

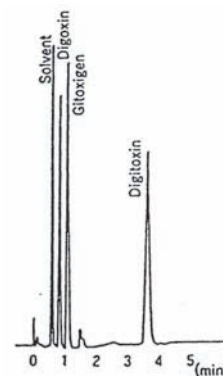
1.DOPA 2.NE 3.EPI 4.DHBA 5.5-HTP 6.DA 7.DOPAC 8.ISO
9.5-HT 10.HIAA 11.HVA



36. デジタリス配糖体(Digitalis glycosides)

CHEMCOSORB I-10C18 4.0φ X300mm
CH3CN/H2O(38:62)
1.5mL/min, R.T., UVD

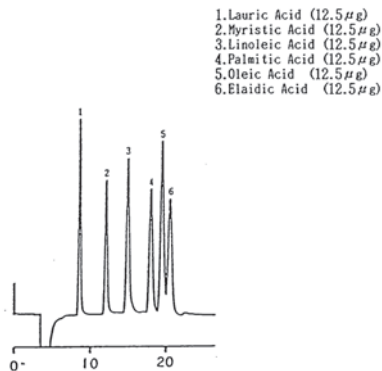
1.Solvent 2.Digoxin 3.Gitoxigen 4.Digitoxin



38. 脂肪酸(Free fatty acid)

CHEMCOSORB 80-7C18 4.6φ X150mm
MeOH/0.05M-NaH2PO4(90:10)[pH 2.0 with H3PO4]
1.0mL/min, R.T., KNAUER RID

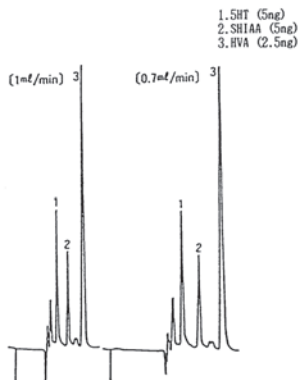
1.Lauric Acid(12.5μg) 2.Myristic Acid(12.5μg)
3.Linoleic Acid(12.5μg) 4.Palmitic Acid(12.5μg)
5.Oleic Acid(12.5μg) 6.Elaidic Acid(12.5μg)



39. セロトニン(Serotonin)

CHEMCOSORB 7ODS-H 4.6φ X250mm
0.075M-Citrate Buffer/Acetic Acid[pH4.5]/MeOH/THF(77:12:10:1)
1.0mL/min, 0.7mL/min, R.T., ECD 800mV 16nA/f

1.5HT(5ng) 2.SHIAA(5ng) 3.HVA(5ng)



16. ジクロロフェノール誘導体 (Dichloro-phenol derivatives)

CHEMCOSORB 7CN(R) 4.6φ X250mm
Cyclohexane/Dioxane(95:5)
2.0mL/min, R.T., UVD 254nm × 0.08 O.D.

