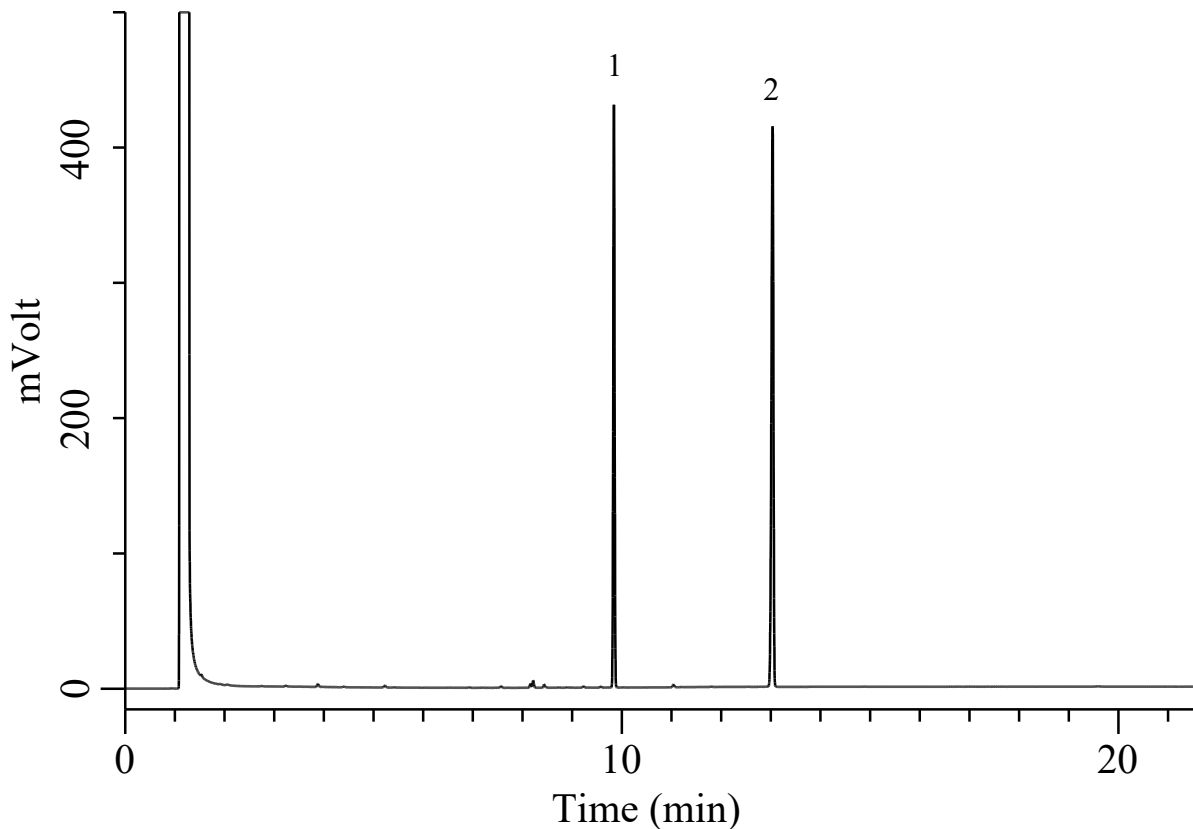


Analysis of Busulfan

(Under the Condition of the draft for USP PF52(2), Busulfan, ASSAY)



Conditions

System	: GC-4000 Plus system	Analyte :	
Column	: InertCap 5 (GL Sciences Inc.) 0.53 mm I.D. x 30 m df = 1.5 μm	1. 1,5-diiodopentane	0.6 mg/mL
Column Cat. No.	: 1010-18446	2. Busulfan	0.6 mg/mL
Column Temp.	: 50 °C (2 min) - 20 °C/min - 240 °C (10 min)	Sol. in Acetonitrile	
Carrier Gas	: He 52 kPa , Constant Pressure		
Injection	: Split 22 mL/min 250 °C	Tailing Factor	
Detection	: FID Auto Range 200 °C	1,5-diiodopentane	: (0.8 ≤) 1.02 (≤ 1.8)
Injection Vol.	: 1 μL	Busulfan	: (0.8 ≤) 0.84 (≤ 1.8)
Sample	: Standard solution	RSD of the peak ratio of 1 to 2 : 0.66 (≤ 0.73) (%)(n=5)	