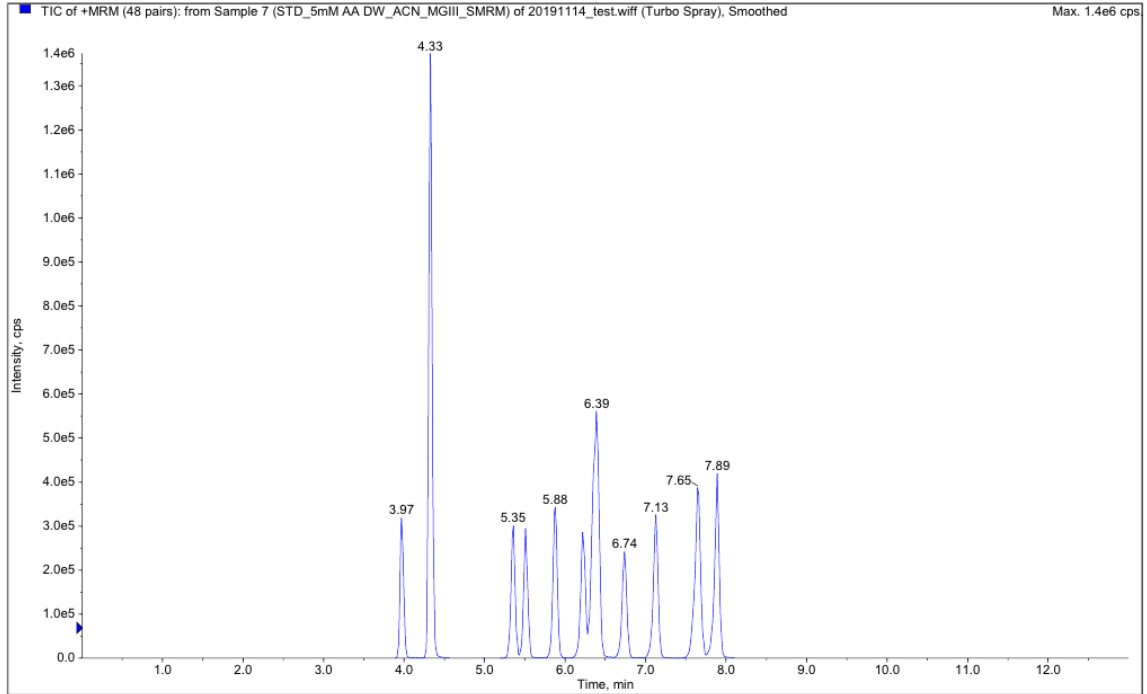


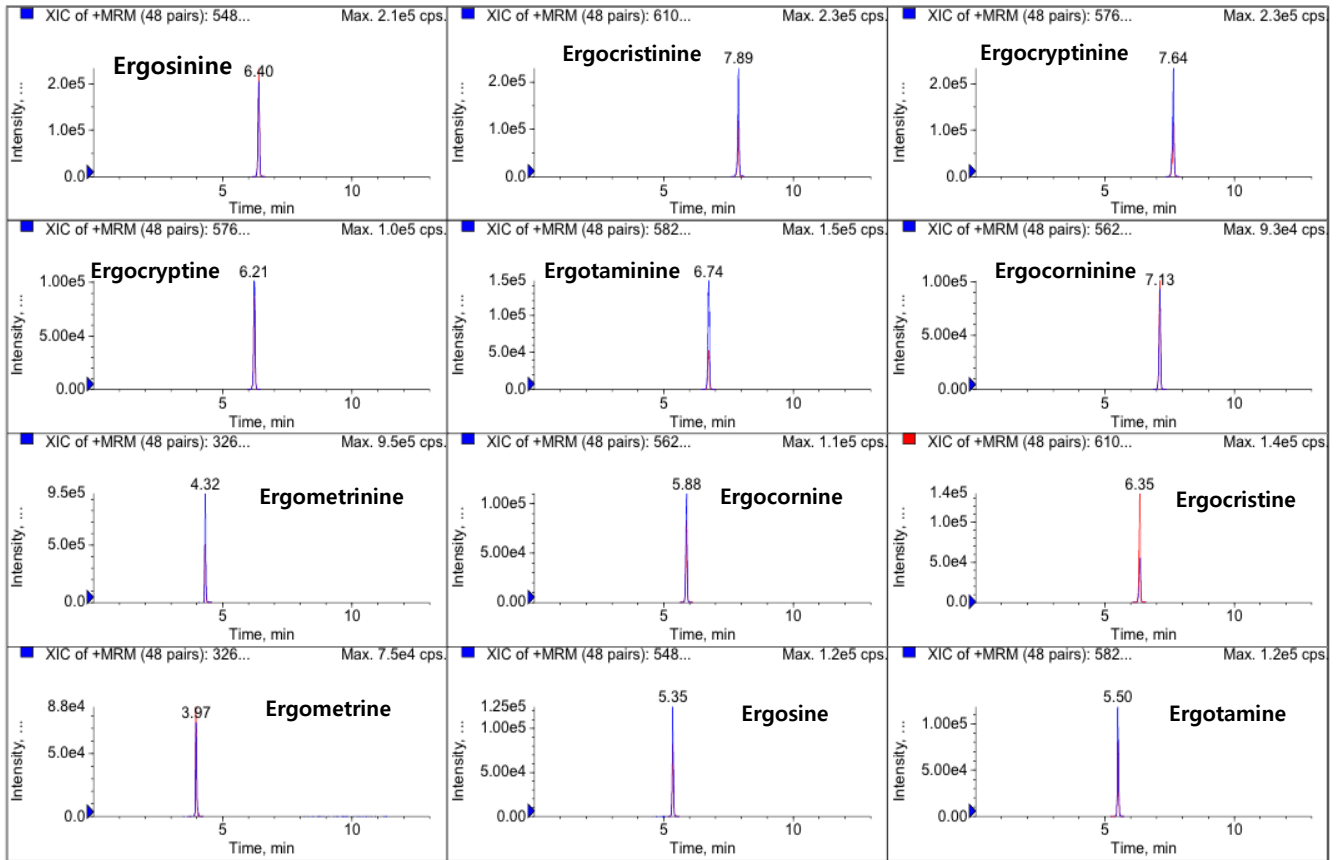
# 맥각 알칼로이드 동시 분석

## CapcellPAK MGIII-H, C18 2.0 x 100 mm, 3 μm



컬럼	CapcellPAK MGIII-H, C18 2.0 x 100 mm, 3		
이동상	A – 5mM Ammonium acetate		
	B – Acetonitrile		
주입량	5 μL		
오븐온도	35 °C		
Gradient			
Time (min)	Flow (mL/min)	A %	B %
Initial	0.3	95	5
0.5	0.3	95	5
3	0.3	50	50
7	0.3	35	65
8	0.3	20	80
10	0.3	20	80
10.1	0.3	95	5
13	0.3	95	5

# 맥각 알칼로이드 동시 분석



## 물질 별 MRM 조건

Name	Precursor ion (m/z)	Product ion (m/z)	Retention time	DP	EP	CE	CXP
Ergometrine 1	326.016	207	3.97	76	10	57	10
Ergometrine 2	326.016	208.1	3.97	76	10	39	12
Ergosine 1	548.112	223.2	5.34	6	10	43	10
Ergosine 2	548.112	208.1	5.34	6	10	51	10
Ergotamine 1	582.085	223.1	5.48	71	10	43	10
Ergotamine 2	582.085	564	5.48	71	10	23	26
Ergocornine 1	562.118	268.1	5.85	21	10	35	12
Ergocornine 2	562.118	208.2	5.85	21	10	65	10
Ergocryptine 1	576.148	268	6.21	11	10	35	14
Ergocryptine 2	576.148	208.1	6.21	11	10	57	10
Ergocristine 1	610.123	268	6.32	31	10	37	12
Ergocristine 2	610.123	592	6.32	31	10	23	28
Ergometrinine 1	326.009	208	4.31	1	10	37	10
Ergometrinine 2	326.009	207	4.31	1	10	57	10
Ergosinine 1	548.111	530	6.38	11	10	23	24
Ergosinine 2	548.111	223.1	6.38	11	10	41	12
Ergotaminine 1	582.082	223.2	6.73	1	10	39	10
Ergotaminine 2	582.082	192.1	6.73	1	10	75	8
Ergocorninine 1	562.125	276.9	7.11	11	10	37	14
Ergocorninine 2	562.125	223.2	7.11	11	10	45	10
Ergocryptinine 1	576.143	558	7.63	11	10	23	28
Ergocryptinine 2	576.143	223.1	7.63	11	10	41	10
Ergocristinine 1	610.113	592	7.84	46	10	21	28
Ergocristinine 2	610.113	305.1	7.84	46	10	39	14