Identification and determination of ergot alkaloids in Morning Glory cultivars

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Table S1 Doehlert experimental design for optimization of UAE-B. Coded and experimental parameters values

No. of experiment	Coded experiment values			Experimental parameters values		
	Factors			Factors		
	A	B	C	A T (°C)	B t (min)	C MeOH%
1	0	0	0	50	20	75
2	1	0	0	60	20	75
3	0.5	0.866	0	55	35	75
4	0.5	0.289	0.817	55	25	100
5	-1	0	0	40	20	75
6	-0.5	-0.866	0	45	5	75
7	-0.5	-0.289	-0.817	45	10	50
8	0.5	-0.866	0	55	5	75
9	0.5	-0.289	0.817	55	10	100
10	-0.5	0.866	0	45	35	75
11	0	0.577	-0.817	50	30	50
12	-0.5	0.289	0.817	45	25	100
13	0	-0.577	0.817	50	15	100

Table S2 Doehlert experimental design for optimization of MAE. Coded and experimental parameters values

No. of experiment	Coded experiment values			Experimental parameters values		
	Factors			Factors		
	A	B	C	A T (°C)	B t (min)	C MeOH%
1	0	0	0	65	20	75
2	1	0	0	85	20	75
3	0.5	0.866	0	75	35	75
4	0.5	0.289	0.817	75	25	100
5	-1	0	0	45	20	75
6	-0.5	-0.866	0	55	5	75
7	-0.5	-0.289	-0.817	55	10	50
8	0.5	-0.866	0	75	5	75
9	0.5	-0.289	0.817	75	10	100
10	-0.5	0.866	0	55	35	75
11	0	0.577	-0.817	65	30	50
12	-0.5	0.289	0.817	55	25	100
13	0	-0.577	0.817	65	15	100