Table S1 - UPLC chromatographic gradient

Time (minutes)	Flow rate (ml/min)	%A1	%B1	Curve
0	0.45	99	1	
0.5	0.45	99	1	6
5	0.45	40	60	6
5.5	0.45	1	99	6
6.5	0.45	1	99	6
7.8	0.45	99	1	6
9	0.45	99	1	6

Table S2 - Precursor/product ion transitions used for quantitative analysis

	Precursor ion	Product ion	CV	CE
ESI negative				
5FU§	128.8	41.9	32	16
5FU-IS§	130.8	42.9	30	15
ESI positiveIP§	260.9	91.9	34	44
CP§	260.9	139.8	36	22
GEM§	264.0	112.0	40	25
IS§	325.0	154.0	38	40

§ 5-FluoroUracil (5-FU), IPhosfamide (IP), CycloPhosphamide (CP) and Gemcitabine (GEM)

Table S3 - Average recovery in the six repetitions

	mean	CV %	% recovery
Concentration: 0.125 ng/cm2 each			
GEM§	0.121	7.6	97
CP§	0.114	6.4	91
IP§	0.113	7.1	90
5FU§	0.104	13.3	83
Concentration: 2.5 ng/cm2 each			
GEM§	2.2	7.5	88
CP§	2.4	3.6	95
IP§	2.3	3.2	93
5FU§	2.6	2.7	102

§ 5-FluoroUracil (5-FU), IPhosfamide (IP), CycloPhosphamide (CP) and Gemcitabine (GEM)

Table S4 - Level of drugs on hood surfaces before the experiment (blank level)

Position	GEM§ (ng/cm^2)	CP§ (ng/cm^2)	IP§ (ng/cm^2)	5-FU§ (ng/cm^2)
1A	0.0017	0.0035	<0.0003	<0.01
1B	0.0008	0.0029	<0.0003	<0.01
2A	<0.0008	0.0032	<0.0003	<0.01
2B	0.0009	0.0215	0.0003	<0.01
3A	0.0020	0.0038	<0.0003	<0.01
3B	0.0014	0.0098	<0.0003	<0.01
4A	0.0013	0.0036	<0.0003	<0.01
4B	<0.0008	0.0084	<0.0003	<0.01
5A	0.6320	0.0030	-	<0.01
5B	0.4413	0.0010	-	<0.01
6A	0.0478	0.0008	-	<0.01
6B	0.0378	0.0008	-	<0.01
7A	0.0445	0.0005	-	<0.01
7B	0.0298	0.0003	-	<0.01

§ 5-FluoroUracil (5-FU), IPhosfamide (IP), CycloPhosphamide (CP) and Gemcitabine (GEM)