Table S10: Limit of Detection (LOD) & Limit of Quantification (LOQ) for best molecule each lipid subclass							
Lipid Subclass	Lipid Standard	Precursor_Adduc t	Retention_Time	Retention_Time_ Std_Dev	LOD (ng)	LOQ (ng)	R_squared
Cer	C15 Ceramide-d7	[M7D+HCOO]	15.56	0.07	0.016	0.156	0.9995
Cer	Cer(d18:1/25:0)	[M+HCOO]	21.76	0.07	0.005	0.054	0.9980
DG	15:0-18:1(d7) DAG	[M+NH4]	18.17	0.09	0.016	0.031	0.9959
DGTS	DGTS(16:0/16:0)	[M+H]	17.05	0.11	0.016	0.156	0.9997
Gcer	GlcCer(d18:1/12:0)	[M-H]	11.59	0.03	0.081	0.162	0.9958
HexCer	GlcCer(d18:1/12:0)	[M+H]	11.57	0.1	0.010	0.101	0.9984
LPA	LPA(17:1(9Z)/0:0)	[M+H]	3.49	0.32	0.019	0.047	0.9825
LPC	LPC(17:1(9Z)/0:0)	[M+HCOO]	3.07	0.06	0.002	0.023	0.9982
LPE	LPE(17:1(9Z)/0:0)	[M+H]	3.18	0.02	0.015	0.030	0.9993
LPG	LPG(17:1(9Z)/0:0)	[M+H]	2.7	0.01	0.016	0.033	0.9986
LPI	LPI(17:1(9Z)/0:0)	[M+H]	2.52	0.01	0.016	0.033	0.9958
LPS	LPS(17:1(9Z)/0:0)	[M+H]	2.56	0.06	0.002	0.020	0.9975
MGDG	MGDG(16:3/18:3)	[M+NH4]	11.53	0.04	0.125	0.250	0.9987
PA	PA(17:0/14:1(9Z))	[M-H]	15.38	0.23	0.009	0.019	0.9984
PC	15:0-18:1(d7) PC	[M+H]	15.87	0.14	0.016	0.156	0.9990
PE	15:0-18:1(d7) PE	[M+H]	16.15	0.05	0.016	0.156	0.9999
PG	PG(15:0/18:1)	[M+NH4]	14.93	0.06	0.016	0.156	0.9997
PI	15:0-18:1(d7) PI	[M+NH4]	14.56	0.02	0.125	0.250	0.9997
SM	SM(d18:1/18:1)	[M+HCOO]	18.33	3.64	0.016	0.156	0.9991
SQDG	SQDG(16:0/18:3)	[M+NH4]	8.44	0.06	0.313	0.500	0.9936
TG	TG (15:0/18:1/15:0)	[M+NH4]	24.18	0.07	0.016	0.156	0.9833