

Supporting Information 1

Analysis mode	Q1 mass scan (+)	Product ion scan (+)
Precursor ion (m/z)	-	940
Product ion (m/z)	-	-
Scan range (m/z)	100-1000	
Curtain gas (psi)	10	
Ion spray voltage (V)	5500	
Turbo gas temperature (°C)	0	
Turbo gas (psi)	15	
Nebulizer gas (psi)	0	
Collision-activated dissociation gas	-	4
Declustering potential (V)	180	
Entrance potential (V)	10	
Collision energy (V)	-	55
Collision cell exit potential (V)	-	30

Analysis mode	MRM (+)			
Precursor ion (m/z)	TG 18:1_18:1_18:2;9OOH	TG 18:1_18:1_18:2;10OOH	TG 18:1_18:1_18:2;12OOH	TG 18:1_18:1_18:2;13OOH
Product ion (m/z)	769	810	809	850
Curtain gas (psi)			20	
Ion spray voltage (V)			5500	
Turbo gas temperature (°C)			400	
Turbo gas (psi)			50	
Nebulizer gas (psi)			70	
Collision-activated dissociation gas			3	
Declustering potential (V)	66	66	51	66
Entrance potential (V)	10	10	10	10
Collision energy (V)	39	39	45	43
Collision cell exit potential (V)	26	36	14	16

Analysis mode	MRM (+)			
Precursor ion (m/z)	TG 18:1_18:1_18:1;8OOH	TG 18:1_18:1_18:1;9OOH	TG 18:1_18:1_18:1;10OOH	TG 18:1_18:1_18:1;11OOH
Product ion (m/z)	755	769	810	824
Curtain gas (psi)			20	
Ion spray voltage (V)			5500	
Turbo gas temperature (°C)			400	
Turbo gas (psi)			50	
Nebulizer gas (psi)			70	
Collision-activated dissociation gas			3	
Declustering potential (V)	180	176	186	180
Entrance potential (V)	10	10	10	10
Collision energy (V)	44	45	43	52
Collision cell exit potential (V)	12	24	42	13