Met_ID	Met	CUD_SZ VIP1	CUD_SZ log2(FC)	CUD_SZ -LOG10(p)	DUAL_SZ VIP1	DUAL_SZ log2(FC)	DUAL_SZ -LOG10(p)	CUD_DUAL VIP1	CUD_DUAL log2(FC)	CUD_DUAL -LOG10(p)	PubChem	HMDB	LipidMaps
Met_005	Pentadecanoylcarnitine	1.87			2.08			0.49					https://www.npatlas.org/explore/compounds/017422
Met_119	2-methyl-2-dodecenoic acid	1.62			0.37			1.72			https://pubchem.ncbi.nlm.nih.gov/compound/cis-11-Methyl-2-dodecenoic-acid		
Met_077	Pelretin	1.51			0.71			1.22			https://pubchem.ncbi.nlm.nih.gov/compound/Pelretin		
Met_121	2,4-dimethyl-5-vinylthiazole	1.49			0.20			1.34				https://hmdb.ca/metabolites/HMDB0062775	
Met_118	7-heptadecynoic acid	1.35			0.41			1.24			https://pubchem.ncbi.nlm.nih.gov/compound/16-Heptadecynoic-acid		
Met_106	11(Z)-Eicosenoic acid	1.27			0.74			0.78			https://pubchem.ncbi.nlm.nih.gov/compound/cis-11-Eicosenoic-acid		
Met_116	4-vinylphenol sulfate	1.20			0.98			0.03					
Met_018	medorinone	1.19			0.82			0.50			https://pubchem.ncbi.nlm.nih.gov/compound/Medorinone		
Met_104	Oleic acid	1.18			0.30			1.15					
Met_048	N-palmitoyl threonine	1.16			0.18			1.18			https://pubchem.ncbi.nlm.nih.gov/compound/14239842		https://lipidmaps.org/databases/lmsd/LMFA08020107
Met_108	Mayolene-18	1.14			0.41			1.08			https://pubchem.ncbi.nlm.nih.gov/compound/52922006		https://www.lipidmaps.org/databases/lmsd/LMFA07090147
Met_085	Albaflavenone	1.10			0.10			0.88			https://pubchem.ncbi.nlm.nih.gov/compound/Albaflavenone		
Met_071	Trygliceride OPO	1.10			0.55			0.14					https://www.lipidmaps.org/databases/lmsd/LMGL03010083
Met_105	Palmitoleic acid	1.01			0.18			0.89					
Met_096	Deoxycholic Acid	1.01			0.67			0.63			https://pubchem.ncbi.nlm.nih.gov/compound/Deoxycholic-acid		
Met_034	2(3H)-Benzothiazolone	0.40			1.75			1.16					
Met_089	4-[(2R)-2-(Aminomethyl)-2-	0.35			1.67			1.40					
Met_079	Tropeolin	0.35			1.46			1.06					
Met_006	PE(21:0/0:0)	0.34			1.23			1.53					https://www.lipidmaps.org/databases/lmsd/LMGP02050026
Met_080	cis-5-Tetradecenoylcarnitine	0.31			1.07			1.43			https://pubchem.ncbi.nlm.nih.gov/compound/N-Oleoyl-L-Serine		
Met_076	PE(18:1(9E)/18:1(9E))	0.27			1.60			1.27					https://www.lipidmaps.org/databases/lmsd/LMGP02010039
Met_081	Docosanamide	0.23			1.23			0.98			https://pubchem.ncbi.nlm.nih.gov/compound/Docosanamide		
Met_064	N-Stearoyl Glutamic acid	0.20			1.21			1.47			https://pubchem.ncbi.nlm.nih.gov/compound/Stearoyl-glutamic-acid		
Met_043	Cer(d18:1/18:1(9Z))	1.39			1.58	-1.01	2.01	0.65				https://hmdb.ca/metabolites/HMDB0258342	
Met_052	32,35-anhydrobacteriohopaneterol	0.94			1.50			2.37	-1.21	3.50	https://pubchem.ncbi.nlm.nih.gov/compound/32_35-Anhydrobacteriohopaneterol		https://www.lipidmaps.org/data/LMSDRecord.php?LMID=LMPR04000022
Met_056	MG(18:0/0:0/0:0)	0.17			2.12	1.80	2.69	2.09	-1.32	2.71			
Met_113	Undecylic acid	0.42			1.98	1.31	2.23	1.76	-1.09	1.98			
Met_032	7-Dehydrodesmosterol	2.32	-1.32	5.48	0.19			2.10	-1.70	2.74			
Met_115	9'-carboxy-gamma-tocotrienol	2.28	4.43	5.23	1.25	2.83	1.43	1.56	1.60	1.60			
Met_023	11-Nor-9-carboxy-delta9-THC	2.18	5.42	4.71	0.89			1.80	3.12	2.05			

Met_103	(2R)-2-[(13Z,16Z)-docosa-13,16-dienoyloxy]-3-{[(4Z,7Z,10Z,12E,16Z,19Z)-14-hydroxydocosa-4,7,10,12,16,19-hexaenoyl]oxy}propoxyphosphonic acid	1.92	-1.09	3.59	0.88			1.58					
Met_004	Aripiprazole	1.68	-3.16	2.78	0.44			2.42	-2.88	3.68			
Met_031	Dehydroaripiprazole	1.66	-3.00	2.71	0.44			2.44	-3.08	3.72			
Met_060	1-Methylnicotinamide	1.60	1.52	2.51	0.05			1.36			https://pubchem.ncbi.nlm.nih.gov/compound/6-Methylnicotinamide	https://hmdb.ca/metabolites/HMDB0013704	
Met_029	Cotinine	1.55	1.34	2.37	1.78	1.94	2.31	0.48					
Met_030	Nicotine	1.38	1.20	1.93	1.64	2.10	1.90	0.43					
Met_083	Calcimycin	1.37	1.37	1.91	0.28			0.98			https://pubchem.ncbi.nlm.nih.gov/compound/Calcimycin		
Met_109	Histidylaspartic acid	1.31	1.65	1.77	0.75			0.70					
Met_111	PE(18:2(9Z,12Z)/0:0)	1.29	2.19	1.73	0.48			0.62			https://pubchem.ncbi.nlm.nih.gov/compound/Simplicilliumtide-E		
Met_037	LPE(18:1)	1.28	1.46	1.71	0.74			0.40				https://hmdb.ca/metabolites/HMDB0011506	
Met_112	Fukiic acid	1.21	1.03	1.55	0.32			0.65				https://hmdb.ca/metabolites/HMDB0029496	
Met_117	Protulactone A	1.21	1.03	1.55	0.32			0.70			https://pubchem.ncbi.nlm.nih.gov/compound/132489970#section=Literature		
Met_065	N-(3-Hydroxy-9Z-octadecenoyl) glycine	1.20	-1.23	1.51	1.40	-1.42	1.46	0.24					https://lipidmaps.org/databases/lmsd/LMFA08020333
Met_069	PE(18:0/18:3(6Z,9Z,12Z))	1.13	1.96	1.38	0.15			0.82			https://pubchem.ncbi.nlm.nih.gov/compound/9546753		https://www.lipidmaps.org/data/LMSDRecord.php?LM_ID=LMGP02010048