

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>HDR, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3662</u>
Sample No :	<u>Q3669-01MS</u>	Datafile:	<u>FE056946.D</u>
		Client ID :	<u>EO-01-11182025MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.2	63.8	106	130		(40-140)
Aliphatic C9-C28	107.3	66.8	117	48		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.6	0.0163	1.2972	36	*	(40-140)
n-Decane (C10)	3.6	0.1470	3.4832	93		(40-140)
Naphthalene (C11.7)	3.6	0.4916	2.2181	48		(40-140)
n-Dodecane (C12)	3.6	0.7230	2.5712	51		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.7637	2.7022	54		(40-140)
n-Tetradecane (C14)	3.6	2.0328	4.0605	56		(40-140)
n-Hexadecane (C16)	3.6	1.9288	3.8696	54		(40-140)
n-Octadecane (C18)	3.6	1.3531	3.1208	49		(40-140)
n-Eicosane (C20)	3.6	0.7366	2.6803	54		(40-140)
n-Heneicosane (C21)	3.6	0.4433	2.4708	56		(40-140)
n-Docosane (C22)	3.6	0.4497	2.4071	54		(40-140)
n-Tetracosane (C24)	7.2	0.5743	6.2566	79		(40-140)
n-Hexacosane (C26)	3.6	0.2196	2.0336	50		(40-140)
n-Octacosane (C28)	3.6	0.4763	2.2412	49		(40-140)
n-Tricontane (C30)	3.6	0.6469	2.1247	41		(40-140)
n-Dotriacontane (C32)	3.6	1.7840	3.9405	60		(40-140)
n-Tetratriacontane (C34)	3.6	1.3782	4.1891	78		(40-140)
n-Hexatriacontane (C36)	3.6	2.1555	6.5501	122		(40-140)
n-Octatriacontane (C38)	3.6	2.7285	6.9484	117		(40-140)
n-Tetracontane (C40)	3.6	0.7228	4.1969	97		(40-140)