

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>Q3669-01MSD</u>	Datafile:	<u>FE056947.D</u>
		Client ID :	<u>EO-01-11182025MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	32.2	63.8	102	118		9.68 (40-140) 50
Aliphatic C9-C28	107.5	66.8	114	44		6.7 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
n-Nonane (C9)	3.6	0.0163	1.3130	36	*	0 (40-140) 50
n-Decane (C10)	3.6	0.1470	3.5342	94		1.07 (40-140) 50
Naphthalene (C11.7)	3.6	0.4916	2.2778	50		4.08 (40-140) 50
n-Dodecane (C12)	3.6	0.7230	2.6558	54		5.71 (40-140) 50
2-methylnaphthalene (C12.89)	3.6	0.7637	2.7619	56		3.64 (40-140) 50
n-Tetradecane (C14)	3.6	2.0328	4.1467	59		5.22 (40-140) 50
n-Hexadecane (C16)	3.6	1.9288	3.9387	56		3.64 (40-140) 50
n-Octadecane (C18)	3.6	1.3531	3.0963	48		2.06 (40-140) 50
n-Eicosane (C20)	3.6	0.7366	2.7382	56		3.64 (40-140) 50
n-Heneicosane (C21)	3.6	0.4433	2.5178	58		3.51 (40-140) 50
n-Docosane (C22)	3.6	0.4497	2.4434	55		1.83 (40-140) 50
n-Tetracosane (C24)	7.2	0.5743	6.4141	81		2.5 (40-140) 50
n-Hexacosane (C26)	3.6	0.2196	2.0919	52		3.92 (40-140) 50
n-Octacosane (C28)	3.6	0.4763	2.2792	50		2.02 (40-140) 50
n-Tricontane (C30)	3.6	0.6469	2.4392	50		19.78 (40-140) 50
n-Dotriacontane (C32)	3.6	1.7840	3.8697	58		3.39 (40-140) 50
n-Tetratriacontane (C34)	3.6	1.3782	4.1457	77		1.29 (40-140) 50
n-Hexatriacontane (C36)	3.6	2.1555	6.3695	117		4.18 (40-140) 50
n-Octatriacontane (C38)	3.6	2.7285	6.7216	111		5.26 (40-140) 50
n-Tetracontane (C40)	3.6	0.7228	4.1658	96		1.04 (40-140) 50