

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>Q3649</u>
Sample No :	<u>Q3649-06MSD</u>	Datafile:	<u>FE056886.D</u>
		Client ID :	<u>B4-0.0-0.5-20251114MSD</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	32.8	22.6	66.5	133		12.7 (40-140)	50
Aliphatic C9-C28	109.2	1.80	78.1	70		6.8 (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	0.0129	1.6718	46		2.15 (40-140)	50
n-Decane (C10)	3.6	0.0108	3.9610	110		0.9 (40-140)	50
Naphthalene (C11.7)	3.6	0.0066	2.2386	62		1.63 (40-140)	50
n-Dodecane (C12)	3.6	0.0039	2.1396	59		1.68 (40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0079	2.2573	62		1.6 (40-140)	50
n-Tetradecane (C14)	3.6	0.0200	2.4503	68		0 (40-140)	50
n-Hexadecane (C16)	3.6	0.0336	2.5574	70		1.42 (40-140)	50
n-Octadecane (C18)	3.6	0.0052	2.4664	68		1.46 (40-140)	50
n-Eicosane (C20)	3.6	0.0053	2.4772	69		0 (40-140)	50
n-Heneicosane (C21)	3.6	0.0196	2.5968	72		0 (40-140)	50
n-Docosane (C22)	3.6	0.0279	2.4040	66		1.5 (40-140)	50
n-Tetracosane (C24)	7.3	0.0386	7.2653	99		1.01 (40-140)	50
n-Hexacosane (C26)	3.6	0.0299	2.2152	61		0 (40-140)	50
n-Octacosane (C28)	3.6	0.0953	2.4321	65		0 (40-140)	50
n-Tricontane (C30)	3.6	0.0385	2.1767	59		1.68 (40-140)	50
n-Dotriacontane (C32)	3.6	0.2673	2.3514	58		3.39 (40-140)	50
n-Tetratriacontane (C34)	3.6	0.3869	3.3583	83		6.98 (40-140)	50
n-Hexatriacontane (C36)	3.6	1.3496	5.6495	119		20.37 (40-140)	50
n-Octatriacontane (C38)	3.6	0.4354	4.9261	125		3.15 (40-140)	50
n-Tetracontane (C40)	3.6	0.1234	8.1167	222	*	27.69 (40-140)	50