

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>Q3649-06MS</u>	Datafile:	<u>FE056885.D</u>
		Client ID :	<u>B4-0.0-0.5-20251114MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.8	22.6	72.2	151	*	(40-140)
Aliphatic C9-C28	109.4	1.80	73.2	65		(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	0.0129	1.6927	47		(40-140)
n-Decane (C10)	3.6	0.0108	4.0019	111		(40-140)
Naphthalene (C11.7)	3.6	0.0066	2.2202	61		(40-140)
n-Dodecane (C12)	3.6	0.0039	2.1607	60		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0079	2.2857	63		(40-140)
n-Tetradecane (C14)	3.6	0.0200	2.4808	68		(40-140)
n-Hexadecane (C16)	3.6	0.0336	2.5911	71		(40-140)
n-Octadecane (C18)	3.6	0.0052	2.4971	69		(40-140)
n-Eicosane (C20)	3.6	0.0053	2.5037	69		(40-140)
n-Heneicosane (C21)	3.6	0.0196	2.6060	72		(40-140)
n-Docosane (C22)	3.6	0.0279	2.4252	67		(40-140)
n-Tetracosane (C24)	7.3	0.0386	7.3202	100		(40-140)
n-Hexacosane (C26)	3.6	0.0299	2.2365	61		(40-140)
n-Octacosane (C28)	3.6	0.0953	2.4281	65		(40-140)
n-Tricontane (C30)	3.6	0.0385	2.1956	60		(40-140)
n-Dotriacontane (C32)	3.6	0.2673	2.4138	60		(40-140)
n-Tetratriacontane (C34)	3.6	0.3869	3.6055	89		(40-140)
n-Hexatriacontane (C36)	3.6	1.3496	4.8319	97		(40-140)
n-Octatriacontane (C38)	3.6	0.4354	5.0715	129		(40-140)
n-Tetracontane (C40)	3.6	0.1234	6.1718	168	*	(40-140)