

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Roman E&G Corp</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3725</u>
Sample No :	<u>Q3732-01MS</u>	Datafile:	<u>FE057108.D</u>
		Client ID :	<u>HD-01-11-26-2025MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	34.5	15.1	40.0	72		(40-140)
Aliphatic C9-C28	114.8	2.07	76.0	64		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.8	0.0080	1.6330	43		(40-140)
n-Decane (C10)	3.8	0.0057	3.9661	104		(40-140)
Naphthalene (C11.7)	3.8	0.0057	2.4107	63		(40-140)
n-Dodecane (C12)	3.8	0.0040	2.1542	57		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4908	65		(40-140)
n-Tetradecane (C14)	3.8	0.0288	2.5401	66		(40-140)
n-Hexadecane (C16)	3.8	0.0519	2.7419	71		(40-140)
n-Octadecane (C18)	3.8	0.0263	2.7433	72		(40-140)
n-Eicosane (C20)	3.8	0.0253	2.8467	74		(40-140)
n-Heneicosane (C21)	3.8	0.0227	2.8652	75		(40-140)
n-Docosane (C22)	3.8	0.0287	2.8223	74		(40-140)
n-Tetracosane (C24)	7.7	0.0631	8.7509	113		(40-140)
n-Hexacosane (C26)	3.8	0.0574	2.6862	69		(40-140)
n-Octacosane (C28)	3.8	0.0737	2.7512	70		(40-140)
n-Tricontane (C30)	3.8	0.0992	2.3108	58		(40-140)
n-Dotriacontane (C32)	3.8	0.1849	2.3028	56		(40-140)
n-Tetratriacontane (C34)	3.8	0.3291	2.6174	60		(40-140)
n-Hexatriacontane (C36)	3.8	0.9840	3.3170	61		(40-140)
n-Octatriacontane (C38)	3.8	0.7415	3.5386	74		(40-140)
n-Tetracontane (C40)	3.8	0.0674	3.2854	85		(40-140)