

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3123</u>
Sample No :	<u>Q3123-01MS</u>	Datafile:	<u>FE055931.D</u>
		Client ID :	<u>TP-2MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	11.0	0.21	8.10	72		(40-140)
Aliphatic C12-C16	7.4	0.68	8.23	102		(40-140)
Aliphatic C16-C21	11.0	0.60	12.4	107		(40-140)
Aliphatic C21-C28	14.7	0	14.8	100		(40-140)
Aliphatic C28-C40	22.0	8.81	28.5	89		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.7	0.0052	2.0274	55		(40-140)
n-Decane (C10)	3.7	0.0080	2.7193	73		(40-140)
Naphthalene (C11.7)	3.7	0.0058	0.1582	4	*	(40-140)
n-Dodecane (C12)	3.7	0.0253	2.9154	78		(40-140)
2-methylnaphthalene (C12.89)	3.7	0.0112	0.1028	2	*	(40-140)
n-Tetradecane (C14)	3.7	0.0555	3.4210	91		(40-140)
n-Hexadecane (C16)	3.7	0.0272	3.7667	101		(40-140)
n-Octadecane (C18)	3.7	0.0445	3.8240	102		(40-140)
n-Eicosane (C20)	3.7	0.0458	4.1028	110		(40-140)
n-Heneicosane (C21)	3.7	0.0500	3.9831	106		(40-140)
n-Docosane (C22)	3.7	0.0373	3.9070	105		(40-140)
n-Tetracosane (C24)	7.3	0.0423	3.6802	50		(40-140)
n-Hexacosane (C26)	3.7	0.0471	3.4625	92		(40-140)
n-Octacosane (C28)	3.7	0.0615	3.3144	88		(40-140)
n-Tricontane (C30)	3.7	0.0922	3.2341	85		(40-140)
n-Dotriacontane (C32)	3.7	0.1017	3.2887	86		(40-140)
n-Tetratriacontane (C34)	3.7	0.1723	3.6451	94		(40-140)
n-Hexatriacontane (C36)	3.7	1.2153	4.2067	81		(40-140)
n-Octatriacontane (C38)	3.7	0.7425	4.6691	106		(40-140)
n-Tetracontane (C40)	3.7	0.0873	3.6276	96		(40-140)