

rteres

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07172
Data File : FG016321.D
Signal(s) : FID1A.ch
Acq On : 17 Jul 2025 13:51
Sample : Q2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.043	2.006	2.087	BV	1076	14636	0.08%	0.001%
2	2.118	2.087	2.137	PV	681	9737	0.05%	0.001%
3	2.150	2.137	2.168	VV	575	9358	0.05%	0.001%
4	2.191	2.168	2.215	VV	824	17211	0.09%	0.001%
5	2.221	2.215	2.250	VV	795	8408	0.04%	0.001%
6	2.264	2.250	2.277	PV	1694	19018	0.10%	0.001%
7	2.291	2.277	2.372	VV	9874	168313	0.86%	0.012%
8	2.402	2.372	2.432	VV	1184	22256	0.11%	0.002%
9	2.476	2.432	2.524	PV	2779	66856	0.34%	0.005%
10	2.561	2.524	2.579	VV	1305	29952	0.15%	0.002%
11	2.587	2.579	2.602	VV	1076	12814	0.07%	0.001%
12	2.617	2.602	2.643	VV	1315	22886	0.12%	0.002%
13	2.668	2.643	2.675	VV	1019	15446	0.08%	0.001%
14	2.699	2.675	2.775	VV	2730	54546	0.28%	0.004%
15	2.779	2.775	2.787	VV	132	505	0.00%	0.000%
16	2.815	2.787	2.852	PV	3620	79576	0.41%	0.006%
17	2.860	2.852	2.865	VV	1291	9475	0.05%	0.001%
18	2.884	2.865	2.907	VV	3443	57704	0.30%	0.004%
19	2.924	2.907	2.954	VV	2193	50778	0.26%	0.004%
20	2.967	2.954	2.980	VV	1998	28079	0.14%	0.002%
21	3.031	2.980	3.077	VV	352462	4062923	20.85%	0.292%
22	3.091	3.077	3.110	VV	3846	63072	0.32%	0.005%
23	3.130	3.110	3.173	VV	9028	189256	0.97%	0.014%
24	3.184	3.173	3.214	VV	2676	50835	0.26%	0.004%
25	3.240	3.214	3.287	VV	3857	106207	0.54%	0.008%
26	3.298	3.287	3.334	VV	5749	78651	0.40%	0.006%
27	3.347	3.334	3.362	VV	1466	21350	0.11%	0.002%
28	3.388	3.362	3.434	VV	2552	81551	0.42%	0.006%
29	3.447	3.434	3.458	VV	1483	18662	0.10%	0.001%
30	3.466	3.458	3.488	VV	1370	18703	0.10%	0.001%
31	3.491	3.488	3.501	VV	812	5967	0.03%	0.000%
32	3.520	3.501	3.541	VV	4011	51206	0.26%	0.004%
33	3.564	3.541	3.585	VV	2463	42721	0.22%	0.003%
34	3.602	3.585	3.607	VV	1448	15796	0.08%	0.001%
35	3.648	3.607	3.663	VV	3704	80803	0.41%	0.006%
36	3.677	3.663	3.705	VV	5418	87091	0.45%	0.006%

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37	3.741	3.705	3.774	VV	26940	359189	1.84%	0.026%
38	3.790	3.774	3.807	VV	3296	55753		
39	3.822	3.807	3.827	VV	3152	34990		
40	3.848	3.827	3.881	VV	8490	173468		
41	3.892	3.881	3.909	VV	3428	45773		
42	3.920	3.909	3.928	VV	2266	23028		
43	3.941	3.928	3.958	VV	3195	43252	0.22%	0.003%
44	3.985	3.958	4.008	VV	5152	108451	0.56%	0.008%
45	4.016	4.008	4.035	VV	2755	37173	0.19%	0.003%
46	4.044	4.035	4.064	VV	1617	22452	0.12%	0.002%
47	4.094	4.064	4.120	VV	1846	43620	0.22%	0.003%
48	4.126	4.120	4.169	VV	959	15302	0.08%	0.001%
49	4.215	4.169	4.244	PV	22588	476210	2.44%	0.034%
50	4.282	4.244	4.350	VV	16583	584004	3.00%	0.042%
51	4.380	4.350	4.411	VV	11663	255384	1.31%	0.018%
52	4.427	4.411	4.449	VV	9921	158445	0.81%	0.011%
53	4.464	4.449	4.482	VV	5600	91115	0.47%	0.007%
54	4.496	4.482	4.516	VV	4245	78472	0.40%	0.006%
55	4.528	4.516	4.546	VV	3316	56968	0.29%	0.004%
56	4.558	4.546	4.590	VV	8652	132911	0.68%	0.010%
57	4.609	4.590	4.644	VV	4750	110129	0.57%	0.008%
58	4.682	4.644	4.716	VV	7071	208908	1.07%	0.015%
59	4.737	4.716	4.772	VV	5597	138282	0.71%	0.010%
60	4.786	4.772	4.807	VV	4088	68750	0.35%	0.005%
61	4.829	4.807	4.852	VV	13496	198391	1.02%	0.014%
62	4.861	4.852	4.885	VV	5513	84832	0.44%	0.006%
63	4.900	4.885	4.911	VV	4079	59203	0.30%	0.004%
64	4.927	4.911	4.940	VV	5036	79246	0.41%	0.006%
65	4.954	4.940	4.969	VV	5706	83443	0.43%	0.006%
66	4.975	4.969	4.995	VV	4261	54359	0.28%	0.004%
67	5.022	4.995	5.051	VV	80561	868725	4.46%	0.063%
68	5.064	5.051	5.095	VV	10742	152587	0.78%	0.011%
69	5.111	5.095	5.123	VV	3471	52378	0.27%	0.004%
70	5.137	5.123	5.157	VV	3942	64079	0.33%	0.005%
71	5.182	5.157	5.225	VV	2909	88318	0.45%	0.006%
72	5.232	5.225	5.261	VV	1684	25344	0.13%	0.002%
73	5.317	5.261	5.357	VV	203896	2062738	10.58%	0.148%
74	5.385	5.357	5.406	VV	11650	196938	1.01%	0.014%
75	5.422	5.406	5.441	VV	5509	86742	0.45%	0.006%
76	5.459	5.441	5.470	VV	3159	48184	0.25%	0.003%
77	5.487	5.470	5.509	VV	6823	100488	0.52%	0.007%
78	5.519	5.509	5.535	VV	1766	20907	0.11%	0.002%
79	5.557	5.535	5.573	VV	2172	30393	0.16%	0.002%
80	5.611	5.573	5.640	VV	10336	143199	0.73%	0.010%
81	5.654	5.640	5.672	VV	2262	30802	0.16%	0.002%
82	5.697	5.672	5.726	VV	11705	154196	0.79%	0.011%
83	5.733	5.726	5.743	VV	1426	13597	0.07%	0.001%
84	5.771	5.743	5.788	VV	2478	49746	0.26%	0.004%
85	5.809	5.788	5.862	VV	18784	247660	1.27%	0.018%
86	5.897	5.862	5.910	VV	13627	188606	0.97%	0.014%
87	5.924	5.910	5.960	VV	6686	132581	0.68%	0.010%
88	6.004	5.960	6.019	VV	5873	124449	0.64%	0.009%
89	6.032	6.019	6.064	VV	5729	102034	0.52%	0.007%

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90	6.076	6.064	6.097	VV	4096	52639	0.27%	0.004%
91	6.122	6.097	6.126	VV	4551	52910		
92	6.136	6.126	6.155	VV	5414	61494		
93	6.177	6.155	6.190	VV	1525	24981		
94	6.237	6.190	6.329	VV	96115	2074606		
95	6.343	6.329	6.367	VV	10009	203872		
96	6.386	6.367	6.396	VV	19138	244232	1.25%	0.018%
97	6.410	6.396	6.430	VV	20403	294748	1.51%	0.021%
98	6.442	6.430	6.471	VV	8752	164094	0.84%	0.012%
99	6.491	6.471	6.519	VV	5653	102135	0.52%	0.007%
100	6.557	6.519	6.586	VV	9741	162779	0.84%	0.012%
101	6.616	6.586	6.662	VV	66277	832967	4.27%	0.060%
102	6.683	6.662	6.705	VV	19646	259960	1.33%	0.019%
103	6.734	6.705	6.752	VV	8910	170918	0.88%	0.012%
104	6.760	6.752	6.772	VV	4339	49334	0.25%	0.004%
105	6.779	6.772	6.799	VV	4141	50836	0.26%	0.004%
106	6.812	6.799	6.825	VV	2775	33815	0.17%	0.002%
107	6.847	6.825	6.880	VV	14454	194834	1.00%	0.014%
108	6.889	6.880	6.902	VV	2651	30260	0.16%	0.002%
109	6.923	6.902	6.947	VV	5240	75762	0.39%	0.005%
110	6.968	6.947	6.985	VV	7444	85160	0.44%	0.006%
111	7.000	6.985	7.029	VV	3863	77431	0.40%	0.006%
112	7.037	7.029	7.059	VV	2035	27082	0.14%	0.002%
113	7.073	7.059	7.090	VV	1472	19040	0.10%	0.001%
114	7.102	7.090	7.117	VV	1722	20075	0.10%	0.001%
115	7.127	7.117	7.139	VV	2391	22510	0.12%	0.002%
116	7.184	7.139	7.220	VV	3966	116479	0.60%	0.008%
117	7.222	7.220	7.227	VV	815	2909	0.01%	0.000%
118	7.242	7.227	7.275	VV	4847	52369	0.27%	0.004%
119	7.300	7.275	7.323	PV	30317	308278	1.58%	0.022%
120	7.347	7.323	7.413	VV	29796	722002	3.70%	0.052%
121	7.430	7.413	7.451	VV	13499	204416	1.05%	0.015%
122	7.472	7.451	7.565	VV	58527	1039344	5.33%	0.075%
123	7.573	7.565	7.582	VV	2682	26514	0.14%	0.002%
124	7.626	7.582	7.650	VV	7667	171415	0.88%	0.012%
125	7.665	7.650	7.681	VV	6582	90318	0.46%	0.006%
126	7.694	7.681	7.725	VV	4964	84721	0.43%	0.006%
127	7.746	7.725	7.770	VV	4116	63962	0.33%	0.005%
128	7.800	7.770	7.810	VV	12530	141506	0.73%	0.010%
129	7.824	7.810	7.849	VV	17843	249219	1.28%	0.018%
130	7.871	7.849	7.903	VV	6577	125133	0.64%	0.009%
131	7.928	7.903	7.955	VV	3800	68278	0.35%	0.005%
132	7.979	7.955	7.994	VV	2639	46422	0.24%	0.003%
133	8.008	7.994	8.027	VV	2740	34851	0.18%	0.003%
134	8.036	8.027	8.053	VV	1076	12539	0.06%	0.001%
135	8.061	8.053	8.071	VV	805	7330	0.04%	0.001%
136	8.091	8.071	8.124	VV	12202	132249	0.68%	0.010%
137	8.158	8.124	8.202	VV	3361	69240	0.36%	0.005%
138	8.227	8.202	8.245	PV	18775	235879	1.21%	0.017%
139	8.261	8.245	8.280	VV	16400	191342	0.98%	0.014%
140	8.292	8.280	8.325	VV	3471	58437	0.30%	0.004%
141	8.342	8.325	8.350	VV	1613	17132	0.09%	0.001%

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142	8.370	8.350	8.382	VV	2125	33265	0.17%	0.002%
143	8.406	8.382	8.427	VV	3630	63151		
144	8.436	8.427	8.443	VV	1439	13367		
145	8.461	8.443	8.474	VV	3576	47674		
146	8.495	8.474	8.508	VV	6510	101234		
147	8.511	8.508	8.549	VV	5778	79842		
148	8.578	8.549	8.600	VV	10338	161203	0.83%	0.012%
149	8.626	8.600	8.640	VV	5944	121527	0.62%	0.009%
150	8.645	8.640	8.661	VV	4837	53846	0.28%	0.004%
151	8.687	8.661	8.726	VV	13351	269471	1.38%	0.019%
152	8.746	8.726	8.764	VV	14482	168224	0.86%	0.012%
153	8.799	8.764	8.861	VV	16954	405921	2.08%	0.029%
154	8.870	8.861	8.875	VV	2097	15633	0.08%	0.001%
155	8.890	8.875	8.906	VV	3555	50651	0.26%	0.004%
156	8.926	8.906	8.955	VV	2734	57407	0.29%	0.004%
157	8.968	8.955	8.984	VV	1124	12608	0.06%	0.001%
158	8.997	8.984	9.009	PV	989	10206	0.05%	0.001%
159	9.059	9.009	9.086	VV	13398	224059	1.15%	0.016%
160	9.098	9.086	9.117	VV	9195	102374	0.53%	0.007%
161	9.130	9.117	9.144	VV	3241	44209	0.23%	0.003%
162	9.163	9.144	9.202	VV	7828	152584	0.78%	0.011%
163	9.227	9.202	9.252	VV	4810	90077	0.46%	0.006%
164	9.274	9.252	9.293	VV	4638	65161	0.33%	0.005%
165	9.319	9.293	9.351	VV	8289	156122	0.80%	0.011%
166	9.374	9.351	9.405	VV	8071	137040	0.70%	0.010%
167	9.448	9.405	9.477	VV	8425	180183	0.92%	0.013%
168	9.520	9.477	9.535	PV	9799	130626	0.67%	0.009%
169	9.543	9.535	9.593	VV	4464	81775	0.42%	0.006%
170	9.613	9.593	9.648	VV	3589	61552	0.32%	0.004%
171	9.667	9.648	9.689	VV	3657	64532	0.33%	0.005%
172	9.709	9.689	9.728	VV	4241	76995	0.40%	0.006%
173	9.735	9.728	9.769	VV	3323	51217	0.26%	0.004%
174	9.792	9.769	9.807	PV	2865	37232	0.19%	0.003%
175	9.811	9.807	9.828	VV	1870	14483	0.07%	0.001%
176	9.860	9.828	9.878	PV	41224	512002	2.63%	0.037%
177	9.894	9.878	9.928	VV	13035	194973	1.00%	0.014%
178	9.950	9.928	10.003	VV	10300	234685	1.20%	0.017%
179	10.023	10.003	10.031	VV	2077	26781	0.14%	0.002%
180	10.043	10.031	10.066	VV	2350	26391	0.14%	0.002%
181	10.077	10.066	10.089	PV	1497	12433	0.06%	0.001%
182	10.114	10.089	10.127	VV	50508	524362	2.69%	0.038%
183	10.144	10.127	10.161	VV	139461	1517572	7.79%	0.109%
184	10.175	10.161	10.199	VV	82963	849272	4.36%	0.061%
185	10.247	10.199	10.276	VV	18111	439828	2.26%	0.032%
186	10.292	10.276	10.301	VV	10203	122351	0.63%	0.009%
187	10.319	10.301	10.330	VV	9284	145139	0.74%	0.010%
188	10.345	10.330	10.398	VV	12304	226081	1.16%	0.016%
189	10.436	10.398	10.453	VV	1985	30286	0.16%	0.002%
190	10.466	10.453	10.474	PV	855	5405	0.03%	0.000%
191	10.512	10.474	10.535	VV	4783	105650	0.54%	0.008%
192	10.545	10.535	10.563	VV	4133	46613	0.24%	0.003%
193	10.586	10.563	10.597	VV	8135	103772	0.53%	0.007%
194	10.641	10.597	10.690	VV	99118	1942007	9.96%	0.140%

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195	10.692	10.690	10.716	VV	15650	207139	1.06%	0.015%
196	10.730	10.716	10.739	VV	10733	137675		
197	10.759	10.739	10.776	VV	13468	250504		
198	10.804	10.776	10.815	VV	14293	287467		
199	10.839	10.815	10.867	VV	33280	649193		
200	10.875	10.867	10.880	VV	16126	115150		
201	10.900	10.880	10.924	VV	43594	662625	3.40%	0.048%
202	10.959	10.924	10.976	VV	64268	1075731	5.52%	0.077%
203	10.990	10.976	11.005	VV	43615	602080	3.09%	0.043%
204	11.032	11.005	11.068	VV	43524	1136693	5.83%	0.082%
205	11.121	11.068	11.141	VV	43079	1443512	7.41%	0.104%
206	11.158	11.141	11.171	VV	58419	808952	4.15%	0.058%
207	11.179	11.171	11.200	VV	44157	620640	3.18%	0.045%
208	11.223	11.200	11.249	VV	68433	1135048	5.82%	0.082%
209	11.281	11.249	11.294	VV	55823	1020530	5.24%	0.073%
210	11.313	11.294	11.331	VV	169129	2129144	10.92%	0.153%
211	11.342	11.331	11.364	VV	46004	730616	3.75%	0.053%
212	11.389	11.364	11.424	VV	75803	1743646	8.95%	0.125%
213	11.454	11.424	11.472	VV	36766	861411	4.42%	0.062%
214	11.494	11.472	11.520	VV	38799	899719	4.62%	0.065%
215	11.554	11.520	11.559	VV	31617	627898	3.22%	0.045%
216	11.565	11.559	11.580	VV	32670	396006	2.03%	0.028%
217	11.603	11.580	11.644	VV	46644	1270390	6.52%	0.091%
218	11.669	11.644	11.711	VV	43623	1444229	7.41%	0.104%
219	11.728	11.711	11.740	VV	37545	595863	3.06%	0.043%
220	11.789	11.740	11.812	VV	76033	2316563	11.89%	0.167%
221	11.841	11.812	11.865	VV	66896	1749115	8.97%	0.126%
222	11.880	11.865	11.904	VV	59310	1222198	6.27%	0.088%
223	11.922	11.904	11.941	VV	50039	1027301	5.27%	0.074%
224	11.984	11.941	12.000	VV	67730	1943805	9.97%	0.140%
225	12.036	12.000	12.068	VV	68278	2315438	11.88%	0.167%
226	12.072	12.068	12.077	VV	47529	256131	1.31%	0.018%
227	12.086	12.077	12.100	VV	51123	650297	3.34%	0.047%
228	12.122	12.100	12.137	VV	67819	1302570	6.68%	0.094%
229	12.154	12.137	12.173	VV	86808	1589449	8.16%	0.114%
230	12.182	12.173	12.205	VV	68473	1233562	6.33%	0.089%
231	12.265	12.205	12.287	VV	91678	3780793	19.40%	0.272%
232	12.302	12.287	12.328	VV	84458	1792067	9.20%	0.129%
233	12.345	12.328	12.366	VV	70204	1527907	7.84%	0.110%
234	12.385	12.366	12.412	VV	77553	2013740	10.33%	0.145%
235	12.440	12.412	12.457	VV	83427	2059092	10.57%	0.148%
236	12.484	12.457	12.503	VV	94336	2320565	11.91%	0.167%
237	12.536	12.503	12.580	VV	123643	4443927	22.80%	0.320%
238	12.602	12.580	12.632	VV	104288	2974588	15.26%	0.214%
239	12.653	12.632	12.671	VV	107662	2233219	11.46%	0.161%
240	12.716	12.671	12.767	VV	385301	10036876	51.50%	0.722%
241	12.816	12.767	12.821	VV	102776	3092076	15.87%	0.222%
242	12.831	12.821	12.861	VV	108879	2430333	12.47%	0.175%
243	12.882	12.861	12.895	VV	105843	2018599	10.36%	0.145%
244	12.920	12.895	12.928	VV	105113	2023853	10.38%	0.146%
245	12.941	12.928	12.954	VV	109713	1632079	8.37%	0.117%
246	12.958	12.954	12.963	VV	106579	603555	3.10%	0.043%

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/19/2025

rteres									
247	12.983	12.963	13.005	VV	131680	2976149	15.27%	0.214%	
248	13.013	13.005	13.026	VV	122253	1543439			
249	13.038	13.026	13.058	VV	125852	2197889	11.77%	0.214%	
250	13.083	13.058	13.114	VV	139677	4213622	22.33%	0.214%	
251	13.117	13.114	13.129	VV	126062	1106963	5.94%	0.300%	
252	13.156	13.129	13.180	VV	424851	7167557	36.36%	0.300%	
253	13.203	13.180	13.230	VV	159147	4166401	21.38%	0.300%	
254	13.236	13.230	13.246	VV	136326	1238863	6.36%	0.089%	
255	13.261	13.246	13.275	VV	136531	2306968	11.84%	0.166%	
256	13.293	13.275	13.314	VV	159058	3329318	17.08%	0.240%	
257	13.342	13.314	13.377	VV	164094	5535036	28.40%	0.398%	
258	13.416	13.377	13.429	VV	165611	4479999	22.99%	0.322%	
259	13.458	13.429	13.497	VV	389697	8960003	45.97%	0.645%	
260	13.506	13.497	13.527	VV	160106	2773457	14.23%	0.200%	
261	13.542	13.527	13.560	VV	155170	2873984	14.75%	0.207%	
262	13.563	13.560	13.591	VV	149309	2629859	13.49%	0.189%	
263	13.621	13.591	13.644	VV	154930	4561760	23.41%	0.328%	
264	13.673	13.644	13.695	VV	160829	4530690	23.25%	0.326%	
265	13.745	13.695	13.773	VV	577472	14581725	74.82%	1.049%	
266	13.785	13.773	13.814	VV	266074	5813097	29.83%	0.418%	
267	13.817	13.814	13.845	VV	200970	3425268	17.58%	0.246%	
268	13.858	13.845	13.875	VV	171688	3050229	15.65%	0.219%	
269	13.879	13.875	13.903	VV	161877	2522541	12.94%	0.181%	
270	13.954	13.903	13.991	VV	386259	11734565	60.21%	0.844%	
271	14.014	13.991	14.036	VV	184440	4666044	23.94%	0.336%	
272	14.052	14.036	14.070	VV	187209	3547172	18.20%	0.255%	
273	14.084	14.070	14.111	VV	176475	4016083	20.61%	0.289%	
274	14.145	14.111	14.151	VV	171960	3810198	19.55%	0.274%	
275	14.159	14.151	14.177	VV	175937	2629819	13.49%	0.189%	
276	14.207	14.177	14.232	VV	233244	6364547	32.66%	0.458%	
277	14.248	14.232	14.278	VV	179060	4706593	24.15%	0.339%	
278	14.291	14.278	14.320	VV	184763	4390323	22.53%	0.316%	
279	14.331	14.320	14.359	VV	185984	4054435	20.80%	0.292%	
280	14.370	14.359	14.386	VV	174452	2766833	14.20%	0.199%	
281	14.401	14.386	14.429	VV	180973	4360132	22.37%	0.314%	
282	14.450	14.429	14.473	VV	181654	4640909	23.81%	0.334%	
283	14.482	14.473	14.486	VV	167856	1319195	6.77%	0.095%	
284	14.488	14.486	14.495	VV	173387	914682	4.69%	0.066%	
285	14.513	14.495	14.520	VV	180486	2593839	13.31%	0.187%	
286	14.528	14.520	14.554	VV	181094	3492039	17.92%	0.251%	
287	14.586	14.554	14.605	VV	186269	5349682	27.45%	0.385%	
288	14.630	14.605	14.656	VV	173037	5117038	26.26%	0.368%	
289	14.671	14.656	14.676	VV	186972	2089789	10.72%	0.150%	
290	14.681	14.676	14.687	VV	187460	1248823	6.41%	0.090%	
291	14.693	14.687	14.701	VV	192756	1571524	8.06%	0.113%	
292	14.719	14.701	14.739	VV	210970	4343177	22.29%	0.312%	
293	14.760	14.739	14.770	VV	195713	3493924	17.93%	0.251%	
294	14.790	14.770	14.811	VV	209659	4874616	25.01%	0.351%	
295	14.836	14.811	14.840	VV	192981	3193548	16.39%	0.230%	
296	14.844	14.840	14.853	VV	191301	1555306	7.98%	0.112%	
297	14.869	14.853	14.880	VV	193922	3063363	15.72%	0.220%	
298	14.890	14.880	14.915	VV	191542	3781455	19.40%	0.272%	
299	14.972	14.915	14.987	VV	216694	8353739	42.86%	0.601%	

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FID_G

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WC-SOIL-20250711

Manual IntegrationsAPPROVED

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300	14.991	14.987	15.004	VV	197650	1928450	9.90%	0.139%
301	15.041	15.004	15.066	VV	236053	7728596	39.90%	0.139%
302	15.100	15.066	15.130	VV	241075	7908632	40.90%	0.139%
303	15.134	15.130	15.141	VV	196036	1284099	6.00%	0.139%
304	15.209	15.141	15.252	VV	299280	15401222	79.90%	0.139%
305	15.260	15.252	15.285	VV	215586	4115994	21.90%	0.139%
306	15.288	15.285	15.293	VV	202126	891940	4.58%	0.064%
307	15.311	15.293	15.325	VV	213683	3967231	20.36%	0.285%
308	15.358	15.325	15.378	VV	435623	9832848	50.45%	0.707%
309	15.400	15.378	15.443	VV	423803	10891227	55.88%	0.784%
310	15.447	15.443	15.471	VV	204087	3323151	17.05%	0.239%
311	15.483	15.471	15.489	VV	204123	2107564	10.81%	0.152%
312	15.520	15.489	15.542	VV	227181	6672723	34.24%	0.480%
313	15.559	15.542	15.574	VV	215318	4041080	20.74%	0.291%
314	15.601	15.574	15.631	VV	277507	8184481	42.00%	0.589%
315	15.667	15.631	15.712	VV	278687	11127296	57.10%	0.801%
316	15.722	15.712	15.740	VV	225924	3697988	18.97%	0.266%
317	15.747	15.740	15.751	VV	214655	1352197	6.94%	0.097%
318	15.761	15.751	15.771	VV	214902	2518257	12.92%	0.181%
319	15.798	15.771	15.820	VV	266949	6891772	35.36%	0.496%
320	15.829	15.820	15.835	VV	232834	2033861	10.44%	0.146%
321	15.838	15.835	15.874	VV	226459	5082581	26.08%	0.366%
322	15.892	15.874	15.898	VV	219289	3096697	15.89%	0.223%
323	15.902	15.898	15.912	VV	214240	1714245	8.80%	0.123%
324	15.964	15.912	15.992	VV	560547	14816423	76.03%	1.066%
325	15.996	15.992	16.004	VV	223363	1657172	8.50%	0.119%
326	16.011	16.004	16.021	VV	230124	2248037	11.53%	0.162%
327	16.035	16.021	16.047	VV	249264	3701252	18.99%	0.266%
328	16.073	16.047	16.111	VV	357025	10525422	54.01%	0.757%
329	16.126	16.111	16.136	VV	220058	3214834	16.50%	0.231%
330	16.170	16.136	16.200	VV	262039	9026331	46.32%	0.649%
331	16.204	16.200	16.235	VV	231929	4546404	23.33%	0.327%
332	16.241	16.235	16.250	VV	215050	1983264	10.18%	0.143%
333	16.280	16.250	16.293	VV	224992	5552817	28.49%	0.399%
334	16.313	16.293	16.363	VV	265496	10113354	51.89%	0.728%
335	16.372	16.363	16.395	VV	231228	4268766	21.90%	0.307%
336	16.409	16.395	16.431	VV	247329	5100840	26.17%	0.367%
337	16.455	16.431	16.495	VV	245213	8836433	45.34%	0.636%
338	16.526	16.495	16.568	VV	249364	10418993	53.46%	0.750%
339	16.576	16.568	16.588	VV	242396	2672928	13.72%	0.192%
340	16.668	16.588	16.694	VV	295952	16227946	83.27%	1.168%
341	16.724	16.694	16.749	VV	296040	8607745	44.17%	0.619%
342	16.763	16.749	16.771	VV	263910	3431088	17.61%	0.247%
343	16.824	16.771	16.853	VV	292872	13394444	68.73%	0.964%
344	16.859	16.853	16.882	VV	266336	4484316	23.01%	0.323%
345	16.890	16.882	16.895	VV	246838	1904263	9.77%	0.137%
346	16.940	16.895	16.989	VV	496187	19488862	100.00%	1.402%
347	17.019	16.989	17.050	VV	346884	10906843	55.96%	0.785%
348	17.073	17.050	17.100	VV	321392	8776407	45.03%	0.631%
349	17.104	17.100	17.115	VV	287012	2643250	13.56%	0.190%
350	17.117	17.115	17.129	VV	284258	2205230	11.32%	0.159%
351	17.135	17.129	17.139	VV	272898	1618331	8.30%	0.116%

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FID_G

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WC-SOIL-20250711

Manual IntegrationsAPPROVED

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352	17.158	17.139	17.214	VV	313128	12797467	65.67%	0.921%
353	17.268	17.214	17.294	VV	403280	15498094	79.67%	0.921%
354	17.323	17.294	17.355	VV	403917	11331332	58.67%	0.921%
355	17.395	17.355	17.420	VV	363803	12066094	63.67%	0.921%
356	17.435	17.420	17.464	VV	318025	7713825	39.67%	0.151%
357	17.468	17.464	17.493	VV	282812	4717827	24.67%	0.151%
358	17.502	17.493	17.506	VV	264218	2095838	10.75%	0.151%
359	17.517	17.506	17.532	VV	279747	4227791	21.69%	0.304%
360	17.550	17.532	17.560	VV	286749	4587206	23.54%	0.330%
361	17.567	17.560	17.582	VV	283712	3766322	19.33%	0.271%
362	17.592	17.582	17.624	VV	281910	6859894	35.20%	0.494%
363	17.645	17.624	17.651	VV	283103	4613485	23.67%	0.332%
364	17.665	17.651	17.688	VV	307064	6564440	33.68%	0.472%
365	17.707	17.688	17.722	VV	307338	5942189	30.49%	0.428%
366	17.744	17.722	17.759	VV	309072	6589115	33.81%	0.474%
367	17.776	17.759	17.807	VV	321134	8562739	43.94%	0.616%
368	17.813	17.807	17.826	VV	296448	3249941	16.68%	0.234%
369	17.858	17.826	17.895	VV	349166	12688045	65.10%	0.913%
370	17.914	17.895	17.926	VV	291146	5347937	27.44%	0.385%
371	17.942	17.926	17.958	VV	284624	5281463	27.10%	0.380%
372	17.990	17.958	18.031	VV	318694	12267753	62.95%	0.883%
373	18.047	18.031	18.056	VV	272551	3991154	20.48%	0.287%
374	18.069	18.056	18.086	VV	280523	4848745	24.88%	0.349%
375	18.090	18.086	18.104	VV	275339	2848504	14.62%	0.205%
376	18.109	18.104	18.114	VV	276259	1667033	8.55%	0.120%
377	18.120	18.114	18.132	VV	278475	2906127	14.91%	0.209%
378	18.137	18.132	18.145	VV	293579	2288972	11.75%	0.165%
379	18.149	18.145	18.161	VV	281912	2606517	13.37%	0.188%
380	18.169	18.161	18.187	VV	285720	4258325	21.85%	0.306%
381	18.218	18.187	18.222	VV	314229	5921813	30.39%	0.426%
382	18.226	18.222	18.241	VV	310819	3407386	17.48%	0.245%
383	18.246	18.241	18.253	VV	280190	1849754	9.49%	0.133%
384	18.257	18.253	18.264	VV	279409	1824391	9.36%	0.131%
385	18.304	18.264	18.340	VV	344170	13520941	69.38%	0.973%
386	18.341	18.340	18.347	VV	276778	1226443	6.29%	0.088%
387	18.355	18.347	18.359	VV	277531	1923980	9.87%	0.138%
388	18.365	18.359	18.383	VV	281386	4019099	20.62%	0.289%
389	18.389	18.383	18.416	VV	284502	5493042	28.19%	0.395%
390	18.469	18.416	18.500	VV	399187	16199187	83.12%	1.165%
391	18.506	18.500	18.533	VV	329924	6117757	31.39%	0.440%
392	18.557	18.533	18.575	VV	292068	7127295	36.57%	0.513%
393	18.578	18.575	18.592	VV	283170	2804363	14.39%	0.202%
394	18.615	18.592	18.623	VV	311619	5309529	27.24%	0.382%
395	18.626	18.623	18.630	VV	313228	1383868	7.10%	0.100%
396	18.664	18.630	18.686	VV	442930	12184214	62.52%	0.877%
397	18.716	18.686	18.776	VV	423175	18682622	95.86%	1.344%
398	18.799	18.776	18.812	VV	288772	6033673	30.96%	0.434%
399	18.840	18.812	18.861	VV	414035	10082465	51.73%	0.725%
400	18.875	18.861	18.900	VV	338458	7406408	38.00%	0.533%
401	18.905	18.900	18.917	VV	292802	2873919	14.75%	0.207%
402	18.921	18.917	18.945	VV	288524	4610823	23.66%	0.332%
403	18.976	18.945	19.007	VV	399447	11888712	61.00%	0.855%
404	19.028	19.007	19.040	VV	286808	5361106	27.51%	0.386%

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						Instrument : FID_G		
						ClientSampleId : WC-SOIL-20250711		
rteres						Manual IntegrationsAPPROVED		
405	19.045	19.040	19.052	VV	290684	2097436	10.76%	0.151%
406	19.072	19.052	19.095	VV	315681	7697463	39.05%	0.127%
407	19.099	19.095	19.108	VV	288694	2095944	10.76%	0.151%
408	19.112	19.108	19.118	VV	283866	1662160	8.42%	0.118%
409	19.138	19.118	19.174	VV	312040	9488011	48.39%	0.637%
410	19.206	19.174	19.223	VV	271683	7737575	39.05%	0.127%
411	19.263	19.223	19.296	VV	348986	12943532	66.42%	0.931%
412	19.311	19.296	19.335	VV	317370	6818434	34.99%	0.491%
413	19.340	19.335	19.360	VV	272594	4116612	21.12%	0.296%
414	19.369	19.360	19.378	VV	269873	2846506	14.61%	0.205%
415	19.387	19.378	19.395	VV	268334	2551564	13.09%	0.184%
416	19.409	19.395	19.415	VV	282863	3282429	16.84%	0.236%
417	19.418	19.415	19.425	VV	283415	1764130	9.05%	0.127%
418	19.442	19.425	19.451	VV	288585	4305592	22.09%	0.310%
419	19.473	19.451	19.483	VV	324345	5621941	28.85%	0.404%
420	19.518	19.483	19.576	VV	346132	17261843	88.57%	1.242%
421	19.596	19.576	19.626	VV	313701	8592356	44.09%	0.618%
422	19.631	19.626	19.635	VV	266676	1401830	7.19%	0.101%
423	19.662	19.635	19.680	VV	304873	7592766	38.96%	0.546%
424	19.690	19.680	19.713	VV	309055	5757821	29.54%	0.414%
425	19.724	19.713	19.757	VV	307553	7550583	38.74%	0.543%
426	19.803	19.757	19.829	VV	304573	11965328	61.40%	0.861%
427	19.835	19.829	19.842	VV	273448	2001278	10.27%	0.144%
428	19.853	19.842	19.891	VV	277906	7859440	40.33%	0.565%
429	19.892	19.891	19.897	VV	256741	881974	4.53%	0.063%
430	19.929	19.897	19.951	VV	293470	8829562	45.31%	0.635%
431	19.976	19.951	20.045	VV	388654	17784281	91.25%	1.279%
432	20.074	20.045	20.115	VV	306151	11775471	60.42%	0.847%
433	20.121	20.115	20.126	VV	265196	1705486	8.75%	0.123%
434	20.149	20.126	20.175	VV	312126	8466966	43.45%	0.609%
435	20.179	20.175	20.190	VV	280599	2447056	12.56%	0.176%
436	20.217	20.190	20.258	VV	310330	11449693	58.75%	0.824%
437	20.306	20.258	20.339	VV	332073	13833452	70.98%	0.995%
438	20.347	20.339	20.354	VV	263773	2341971	12.02%	0.168%
439	20.359	20.354	20.368	VV	260601	2035821	10.45%	0.146%
440	20.379	20.368	20.403	VV	265048	5344565	27.42%	0.385%
441	20.408	20.403	20.432	VV	255575	4359376	22.37%	0.314%
442	20.438	20.432	20.457	VV	259411	3785450	19.42%	0.272%
443	20.474	20.457	20.482	VV	268716	3805516	19.53%	0.274%
444	20.532	20.482	20.559	VV	328636	13259341	68.04%	0.954%
445	20.587	20.559	20.611	VV	312373	8859841	45.46%	0.637%
446	20.614	20.611	20.629	VV	285114	3094309	15.88%	0.223%
447	20.638	20.629	20.650	VV	265930	3189106	16.36%	0.229%
448	20.673	20.650	20.705	VV	279950	8572113	43.98%	0.617%
449	20.721	20.705	20.736	VV	251658	4543005	23.31%	0.327%
450	20.740	20.736	20.747	VV	250480	1641751	8.42%	0.118%
451	20.765	20.747	20.784	VV	260993	5552524	28.49%	0.399%
452	20.788	20.784	20.807	VV	240932	3112217	15.97%	0.224%
453	20.811	20.807	20.816	VV	222590	1231895	6.32%	0.089%
454	20.831	20.816	20.836	VV	233128	2702305	13.87%	0.194%
455	20.850	20.836	20.863	VV	236061	3622295	18.59%	0.261%
456	20.868	20.863	20.884	VV	230078	2724915	13.98%	0.196%

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457	20.904	20.884	20.913	VV	229336	3789236	19.44%	0.273%
458	20.917	20.913	20.921	VV	222744	1090571		
459	20.924	20.921	20.950	VV	230198	3767971	19.44%	0.273%
460	20.954	20.950	20.988	VV	210477	4603476	23.08%	0.302%
461	20.993	20.988	21.005	VV	196952	2021904	10.06%	0.107%
462	21.019	21.005	21.039	VV	201024	3904091	20.06%	0.231%
463	21.053	21.039	21.065	VV	210769	3206742	16.45%	0.231%
464	21.075	21.065	21.101	VV	205698	4194741	21.52%	0.302%
465	21.106	21.101	21.118	VV	187233	1815392	9.32%	0.131%
466	21.121	21.118	21.132	VV	182139	1492712	7.66%	0.107%
467	21.137	21.132	21.149	VV	178890	1778322	9.12%	0.128%
468	21.159	21.149	21.165	VV	169388	1548244	7.94%	0.111%
469	21.185	21.165	21.198	VV	182841	3423786	17.57%	0.246%
470	21.217	21.198	21.236	VV	188595	4055159	20.81%	0.292%
471	21.253	21.236	21.264	VV	181277	2814165	14.44%	0.202%
472	21.268	21.264	21.274	VV	167288	1054873	5.41%	0.076%
473	21.278	21.274	21.295	VV	168430	2044217	10.49%	0.147%
474	21.300	21.295	21.308	VV	160430	1165421	5.98%	0.084%
475	21.312	21.308	21.318	VV	160799	933488	4.79%	0.067%
476	21.320	21.318	21.360	VV	155657	3661895	18.79%	0.263%
477	21.370	21.360	21.383	VV	143998	1860819	9.55%	0.134%
478	21.389	21.383	21.395	VV	141659	964667	4.95%	0.069%
479	21.403	21.395	21.413	VV	137431	1481902	7.60%	0.107%
480	21.422	21.413	21.428	VV	139788	1189857	6.11%	0.086%
481	21.432	21.428	21.441	VV	136408	1059281	5.44%	0.076%
482	21.464	21.441	21.482	VV	145140	3344831	17.16%	0.241%
483	21.488	21.482	21.510	VV	136546	2051415	10.53%	0.148%
484	21.514	21.510	21.518	VV	117332	562787	2.89%	0.040%
485	21.522	21.518	21.529	VV	115765	740352	3.80%	0.053%
486	21.537	21.529	21.554	VV	119601	1643886	8.44%	0.118%
487	21.562	21.554	21.568	VV	109413	910935	4.67%	0.066%
488	21.575	21.568	21.586	VV	113176	1171850	6.01%	0.084%
489	21.591	21.586	21.599	VV	109819	788804	4.05%	0.057%
490	21.606	21.599	21.627	VV	106927	1751431	8.99%	0.126%
491	21.639	21.627	21.661	VV	105707	2013917	10.33%	0.145%
492	21.676	21.661	21.688	VV	103270	1512898	7.76%	0.109%
493	21.690	21.688	21.715	VV	100817	1456054	7.47%	0.105%
494	21.725	21.715	21.735	VV	96098	1104537	5.67%	0.079%
495	21.740	21.735	21.759	VV	93398	1205101	6.18%	0.087%
496	21.764	21.759	21.769	VV	81516	479187	2.46%	0.034%
497	21.773	21.769	21.799	VV	83526	1398771	7.18%	0.101%
498	21.803	21.799	21.829	VV	81430	1304470	6.69%	0.094%
499	21.833	21.829	21.851	VV	76644	924452	4.74%	0.067%
500	21.856	21.851	21.866	VV	74271	624126	3.20%	0.045%
501	21.869	21.866	21.874	VV	67551	321031	1.65%	0.023%
502	21.877	21.874	21.899	VV	72506	997901	5.12%	0.072%
503	21.913	21.899	21.919	VV	66655	740516	3.80%	0.053%
504	21.942	21.919	21.998	VV	82945	3028675	15.54%	0.218%
505	22.002	21.998	22.006	VV	53773	254774	1.31%	0.018%
506	22.016	22.006	22.031	VV	68335	911239	4.68%	0.066%
507	22.034	22.031	22.055	VV	64141	855774	4.39%	0.062%
508	22.071	22.055	22.083	VV	62615	919336	4.72%	0.066%
509	22.089	22.083	22.144	VV	56741	1573558	8.07%	0.113%

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711

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Supervised By :mohammad ahmed 07/19/2025

510	22.149	22.144	22.157	VV	39942	259811	1.33%	0.019%
511	22.167	22.157	22.194	VV	31333	532606		
512	22.196	22.194	22.205	VV	23839	128565		
513	22.214	22.205	22.220	VV	26230	208298		
514	22.224	22.220	22.233	VV	29116	176367		
515	22.245	22.233	22.249	VV	23408	187349		
516	22.253	22.249	22.269	VV	22309	222439	1.14%	0.016%
517	22.275	22.269	22.281	VV	22438	132613	0.68%	0.010%
518	22.284	22.281	22.311	VV	23928	333681	1.71%	0.024%
519	22.323	22.311	22.344	VV	16196	127802	0.66%	0.009%
520	22.349	22.344	22.363	VV	10992	60187	0.31%	0.004%
521	22.379	22.363	22.390	VV	10895	125125	0.64%	0.009%
522	22.394	22.390	22.408	VV	17560	111986	0.57%	0.008%
523	22.412	22.408	22.424	VV	11894	76158	0.39%	0.005%
524	22.426	22.424	22.437	VV	12129	31971	0.16%	0.002%
525	22.474	22.437	22.487	PV	12317	83822	0.43%	0.006%

Sum of corrected areas: 1389952369

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2025
Supervised By :mohammad ahmed 07/19/2025