

rters

Instrument :

FID_F

ClientSampleId :

WC-SOIL-20221214

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF12162
Data File : FF011830.D
Signal(s) : FID2B.ch
Acq On : 16 Dec 2022 16:09
Sample : N6067-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :Ankita Jodhani 12/19/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120522.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.924	1.900	1.947	BV	304	3383	0.02%	0.000%
2	1.951	1.947	1.962	PV	132	697	0.00%	0.000%
3	1.966	1.962	1.971	PV	127	424	0.00%	0.000%
4	1.979	1.971	2.010	VV	243	2323	0.01%	0.000%
5	2.017	2.010	2.030	PV	206	1502	0.01%	0.000%
6	2.037	2.030	2.052	VV	115	883	0.00%	0.000%
7	2.084	2.052	2.147	VV	992	20011	0.11%	0.002%
8	2.152	2.147	2.165	VV	220	1501	0.01%	0.000%
9	2.182	2.165	2.224	VV	431	6869	0.04%	0.001%
10	2.227	2.224	2.235	VV	120	449	0.00%	0.000%
11	2.244	2.235	2.261	PV	147	1418	0.01%	0.000%
12	2.273	2.261	2.292	VV	188	2327	0.01%	0.000%
13	2.310	2.292	2.377	VV	2263	33950	0.19%	0.004%
14	2.391	2.377	2.415	VV	1006	12346	0.07%	0.001%
15	2.433	2.415	2.480	VV	497	12211	0.07%	0.001%
16	2.500	2.480	2.517	VV	235	2708	0.02%	0.000%
17	2.542	2.517	2.587	VV	392	7956	0.04%	0.001%
18	2.595	2.587	2.614	VV	151	1377	0.01%	0.000%
19	2.617	2.614	2.630	VV	144	746	0.00%	0.000%
20	2.631	2.630	2.637	VV	155	316	0.00%	0.000%
21	2.663	2.637	2.706	VV	7264	83439	0.46%	0.009%
22	2.709	2.706	2.729	VV	89	766	0.00%	0.000%
23	2.773	2.729	2.821	PV	9050	144639	0.80%	0.016%
24	2.833	2.821	2.849	VV	292	4284	0.02%	0.000%
25	2.854	2.849	2.865	VV	204	1605	0.01%	0.000%
26	2.893	2.865	2.898	VV	392	6034	0.03%	0.001%
27	2.906	2.898	2.931	VV	564	8665	0.05%	0.001%
28	2.944	2.931	2.965	VV	440	6939	0.04%	0.001%
29	2.995	2.965	3.027	VV	1088	20095	0.11%	0.002%
30	3.051	3.027	3.085	VV	5889	65028	0.36%	0.007%
31	3.100	3.085	3.118	VV	570	6937	0.04%	0.001%
32	3.127	3.118	3.178	VV	375	8382	0.05%	0.001%
33	3.182	3.178	3.193	PV	107	541	0.00%	0.000%
34	3.198	3.193	3.204	VV	86	503	0.00%	0.000%
35	3.230	3.204	3.253	VV	335	5374	0.03%	0.001%
36	3.270	3.253	3.312	VV	520	10380	0.06%	0.001%

					retention			
37	3.354	3.312	3.399	VV	1800	32161	0.18%	0.003%
38	3.404	3.399	3.426	VV	305	4089		
39	3.429	3.426	3.434	VV	183	754		
40	3.447	3.434	3.452	VV	203	1785		
41	3.476	3.452	3.491	VV	875	12224		
42	3.499	3.491	3.514	VV	531	6348		
43	3.519	3.514	3.542	VV	685	7424	0.04%	0.001%
44	3.550	3.542	3.554	VV	432	3114	0.02%	0.000%
45	3.560	3.554	3.565	VV	420	2762	0.02%	0.000%
46	3.599	3.565	3.632	VV	624	19855	0.11%	0.002%
47	3.636	3.632	3.640	VV	522	2136	0.01%	0.000%
48	3.646	3.640	3.653	VV	506	4069	0.02%	0.000%
49	3.671	3.653	3.685	VV	786	11482	0.06%	0.001%
50	3.708	3.685	3.736	VV	1062	17904	0.10%	0.002%
51	3.746	3.736	3.784	VV	369	5506	0.03%	0.001%
52	3.807	3.784	3.826	VV	576	8472	0.05%	0.001%
53	3.842	3.826	3.875	VV	630	8091	0.04%	0.001%
54	3.891	3.875	3.903	VV	246	3184	0.02%	0.000%
55	3.941	3.903	3.956	VV	2051	28491	0.16%	0.003%
56	3.965	3.956	3.986	VV	842	8419	0.05%	0.001%
57	3.991	3.986	4.018	VV	164	1096	0.01%	0.000%
58	4.039	4.018	4.059	VV	2864	29909	0.17%	0.003%
59	4.067	4.059	4.103	VV	506	6626	0.04%	0.001%
60	4.109	4.103	4.115	VV	162	780	0.00%	0.000%
61	4.141	4.115	4.163	VV	4160	51384	0.28%	0.006%
62	4.178	4.163	4.204	VV	1701	23894	0.13%	0.003%
63	4.208	4.204	4.234	VV	471	5040	0.03%	0.001%
64	4.258	4.234	4.291	VV	824	11846	0.07%	0.001%
65	4.332	4.291	4.364	VV	6237	75567	0.42%	0.008%
66	4.379	4.364	4.410	VV	809	12623	0.07%	0.001%
67	4.415	4.410	4.424	VV	222	1571	0.01%	0.000%
68	4.442	4.424	4.463	VV	545	7612	0.04%	0.001%
69	4.465	4.463	4.477	VV	287	1438	0.01%	0.000%
70	4.484	4.477	4.488	VV	143	619	0.00%	0.000%
71	4.498	4.488	4.504	VV	214	1343	0.01%	0.000%
72	4.514	4.504	4.530	VV	202	2246	0.01%	0.000%
73	4.550	4.530	4.567	PV	435	5470	0.03%	0.001%
74	4.572	4.567	4.585	VV	344	3061	0.02%	0.000%
75	4.605	4.585	4.628	VV	1979	22588	0.13%	0.002%
76	4.647	4.628	4.667	VV	1894	21537	0.12%	0.002%
77	4.680	4.667	4.699	VV	663	8726	0.05%	0.001%
78	4.718	4.699	4.746	VV	3107	39780	0.22%	0.004%
79	4.768	4.746	4.807	VV	3429	56280	0.31%	0.006%
80	4.833	4.807	4.878	VV	4482	54700	0.30%	0.006%
81	4.891	4.878	4.908	VV	365	4470	0.02%	0.000%
82	4.921	4.908	4.951	VV	299	3259	0.02%	0.000%
83	4.978	4.951	5.006	PV	1167	16945	0.09%	0.002%
84	5.024	5.006	5.040	VV	535	6756	0.04%	0.001%
85	5.069	5.040	5.094	VV	736	15534	0.09%	0.002%
86	5.106	5.094	5.141	VV	721	14822	0.08%	0.002%
87	5.147	5.141	5.170	VV	434	6551	0.04%	0.001%
88	5.209	5.170	5.255	VV	8476	109637	0.61%	0.012%
89	5.264	5.255	5.273	VV	541	4728	0.03%	0.001%

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90	5.287	5.273	5.303	VV	717	9017	0.05%	0.001%
91	5.312	5.303	5.339	VV	531	7967		
92	5.358	5.339	5.379	VV	804	10066		
93	5.392	5.379	5.404	VV	674	6063		
94	5.423	5.404	5.442	VV	1117	15730		
95	5.447	5.442	5.464	VV	550	5188		
96	5.485	5.464	5.506	VV	786	10554	0.06%	0.001%
97	5.511	5.506	5.528	VV	472	4586	0.03%	0.000%
98	5.546	5.528	5.575	VV	2171	26023	0.14%	0.003%
99	5.595	5.575	5.600	VV	427	5158	0.03%	0.001%
100	5.613	5.600	5.635	VV	820	9335	0.05%	0.001%
101	5.648	5.635	5.662	VV	280	2689	0.01%	0.000%
102	5.680	5.662	5.720	VV	401	6089	0.03%	0.001%
103	5.739	5.720	5.765	PV	1595	19684	0.11%	0.002%
104	5.771	5.765	5.780	VV	543	4428	0.02%	0.000%
105	5.791	5.780	5.804	VV	723	7662	0.04%	0.001%
106	5.814	5.804	5.831	VV	527	4932	0.03%	0.001%
107	5.849	5.831	5.890	VV	877	13146	0.07%	0.001%
108	5.930	5.890	5.956	VV	822	16935	0.09%	0.002%
109	5.980	5.956	5.993	VV	596	8381	0.05%	0.001%
110	6.009	5.993	6.021	VV	791	9929	0.06%	0.001%
111	6.033	6.021	6.083	VV	924	20218	0.11%	0.002%
112	6.105	6.083	6.118	VV	772	9880	0.05%	0.001%
113	6.129	6.118	6.139	VV	517	5381	0.03%	0.001%
114	6.150	6.139	6.164	VV	692	7762	0.04%	0.001%
115	6.188	6.164	6.237	VV	631	15678	0.09%	0.002%
116	6.272	6.237	6.286	VV	971	14808	0.08%	0.002%
117	6.310	6.286	6.336	VV	14835	157644	0.87%	0.017%
118	6.359	6.336	6.380	VV	2229	29241	0.16%	0.003%
119	6.413	6.380	6.435	VV	541	10894	0.06%	0.001%
120	6.461	6.435	6.470	VV	2344	23746	0.13%	0.003%
121	6.479	6.470	6.507	VV	2153	29016	0.16%	0.003%
122	6.511	6.507	6.524	VV	679	5258	0.03%	0.001%
123	6.538	6.524	6.552	VV	587	6196	0.03%	0.001%
124	6.565	6.552	6.586	VV	261	3221	0.02%	0.000%
125	6.609	6.586	6.640	PV	2474	33341	0.18%	0.004%
126	6.685	6.640	6.703	VV	629	15784	0.09%	0.002%
127	6.717	6.703	6.733	VV	645	6694	0.04%	0.001%
128	6.739	6.733	6.748	VV	179	1051	0.01%	0.000%
129	6.769	6.748	6.799	VV	1373	17983	0.10%	0.002%
130	6.803	6.799	6.832	VV	273	3949	0.02%	0.000%
131	6.880	6.832	6.907	VV	1505	22493	0.12%	0.002%
132	6.921	6.907	6.945	VV	702	8000	0.04%	0.001%
133	6.962	6.945	6.984	VV	616	8569	0.05%	0.001%
134	6.995	6.984	7.012	VV	530	5395	0.03%	0.001%
135	7.049	7.012	7.063	PV	659	13361	0.07%	0.001%
136	7.092	7.063	7.121	VV	1482	26148	0.15%	0.003%
137	7.136	7.121	7.149	VV	560	6889	0.04%	0.001%
138	7.176	7.149	7.196	VV	1205	16805	0.09%	0.002%
139	7.204	7.196	7.219	VV	243	2316	0.01%	0.000%
140	7.240	7.219	7.262	PV	1655	24821	0.14%	0.003%
141	7.274	7.262	7.288	VV	1793	19965	0.11%	0.002%

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0.05% 0.001%

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Parameters						Instrument : FID_F	ClientSampleId : WC-SOIL-20221214
142	7.301	7.288	7.323	VV	1507	24643	0.14% 0.003%
143	7.340	7.323	7.359	VV	1232	18019	
144	7.402	7.359	7.424	VV	8398	104455	
145	7.437	7.424	7.460	VV	1577	22089	
146	7.489	7.460	7.520	VV	1219	24767	
147	7.540	7.520	7.563	VV	8247	80460	
148	7.610	7.563	7.631	PV	2114	42558	
149	7.639	7.631	7.654	VV	389	3959	0.24% 0.005%
150	7.673	7.654	7.684	VV	740	9543	0.02% 0.000%
							0.05% 0.001%
151	7.713	7.684	7.757	VV	3579	68121	0.38% 0.007%
152	7.778	7.757	7.818	VV	2254	40281	0.22% 0.004%
153	7.841	7.818	7.856	VV	1694	23766	0.13% 0.003%
154	7.867	7.856	7.872	VV	906	8086	0.04% 0.001%
155	7.898	7.872	7.921	VV	1846	35517	0.20% 0.004%
156	7.940	7.921	7.959	PV	1502	18673	0.10% 0.002%
157	7.974	7.959	7.981	VV	601	5793	0.03% 0.001%
158	8.008	7.981	8.034	VV	2273	36260	0.20% 0.004%
159	8.077	8.034	8.086	VV	2500	48199	0.27% 0.005%
160	8.098	8.086	8.114	VV	2919	35685	0.20% 0.004%
161	8.140	8.114	8.181	VV	6932	128401	0.71% 0.014%
162	8.196	8.181	8.213	VV	2288	32180	0.18% 0.003%
163	8.236	8.213	8.252	VV	2733	43072	0.24% 0.005%
164	8.295	8.252	8.315	VV	5319	124387	0.69% 0.014%
165	8.331	8.315	8.344	VV	3596	54529	0.30% 0.006%
166	8.361	8.344	8.379	VV	3760	70736	0.39% 0.008%
167	8.397	8.379	8.403	VV	7413	76359	0.42% 0.008%
168	8.412	8.403	8.449	VV	7945	123584	0.69% 0.013%
169	8.481	8.449	8.496	VV	3999	78959	0.44% 0.009%
170	8.517	8.496	8.534	VV	15177	185011	1.03% 0.020%
171	8.545	8.534	8.561	VV	7874	91196	0.51% 0.010%
172	8.593	8.561	8.614	VV	8315	154921	0.86% 0.017%
173	8.633	8.614	8.652	VV	4921	84780	0.47% 0.009%
174	8.677	8.652	8.689	VV	13371	189379	1.05% 0.021%
175	8.702	8.689	8.743	VV	13135	220721	1.22% 0.024%
176	8.758	8.743	8.770	VV	4378	58852	0.33% 0.006%
177	8.791	8.770	8.812	VV	5886	99915	0.55% 0.011%
178	8.838	8.812	8.849	VV	2587	43428	0.24% 0.005%
179	8.864	8.849	8.868	VV	2527	25884	0.14% 0.003%
180	8.875	8.868	8.890	VV	2575	29628	0.16% 0.003%
181	8.909	8.890	8.925	VV	6604	83288	0.46% 0.009%
182	8.943	8.925	8.969	VV	9104	136592	0.76% 0.015%
183	9.001	8.969	9.029	VV	51821	581755	3.23% 0.063%
184	9.049	9.029	9.086	VV	7667	141284	0.78% 0.015%
185	9.118	9.086	9.126	VV	5744	98417	0.55% 0.011%
186	9.142	9.126	9.172	VV	10164	157305	0.87% 0.017%
187	9.185	9.172	9.199	VV	3317	44000	0.24% 0.005%
188	9.214	9.199	9.224	VV	4005	52815	0.29% 0.006%
189	9.244	9.224	9.258	VV	10801	154690	0.86% 0.017%
190	9.275	9.258	9.299	VV	34185	387669	2.15% 0.042%
191	9.315	9.299	9.331	VV	4410	69241	0.38% 0.008%
192	9.344	9.331	9.351	VV	3520	40489	0.22% 0.004%
193	9.367	9.351	9.373	VV	4218	50482	0.28% 0.005%
194	9.385	9.373	9.397	VV	5250	61481	0.34% 0.007%

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195	9.415	9.397	9.434	VV	11402	164509	0.91%	0.018%
196	9.453	9.434	9.474	VV	10445	155857		
197	9.489	9.474	9.499	VV	3183	43803		
198	9.523	9.499	9.544	VV	21018	260625		
199	9.569	9.544	9.587	VV	11402	164881		
200	9.601	9.587	9.619	VV	8714	113309		
201	9.631	9.619	9.644	VV	5063	65209	0.36%	0.007%
202	9.666	9.644	9.689	VV	18492	276785	1.54%	0.030%
203	9.706	9.689	9.715	VV	10806	136829	0.76%	0.015%
204	9.728	9.715	9.747	VV	15971	234107	1.30%	0.025%
205	9.760	9.747	9.769	VV	11116	132897	0.74%	0.014%
206	9.789	9.769	9.809	VV	57954	690448	3.83%	0.075%
207	9.813	9.809	9.846	VV	10464	163131	0.90%	0.018%
208	9.876	9.846	9.902	VV	31355	568879	3.16%	0.062%
209	9.909	9.902	9.923	VV	11906	128725	0.71%	0.014%
210	9.943	9.923	9.956	VV	21099	311538	1.73%	0.034%
211	9.973	9.956	9.988	VV	31841	428356	2.38%	0.047%
212	10.004	9.988	10.042	VV	25279	627729	3.48%	0.068%
213	10.068	10.042	10.087	VV	39836	622323	3.45%	0.068%
214	10.128	10.087	10.177	VV	41403	1339122	7.43%	0.146%
215	10.199	10.177	10.204	VV	44536	520092	2.88%	0.057%
216	10.228	10.204	10.252	VV	81911	1467928	8.14%	0.160%
217	10.271	10.252	10.289	VV	31499	502192	2.79%	0.055%
218	10.317	10.289	10.334	VV	45109	814937	4.52%	0.089%
219	10.349	10.334	10.377	VV	32311	691822	3.84%	0.075%
220	10.421	10.377	10.464	VV	125764	3132167	17.37%	0.340%
221	10.500	10.464	10.514	VV	50276	1087453	6.03%	0.118%
222	10.544	10.514	10.559	VV	88856	1767670	9.80%	0.192%
223	10.571	10.559	10.577	VV	71427	714168	3.96%	0.078%
224	10.593	10.577	10.644	VV	107913	2313307	12.83%	0.251%
225	10.683	10.644	10.704	VV	249617	3925874	21.77%	0.427%
226	10.716	10.704	10.744	VV	69937	1298317	7.20%	0.141%
227	10.761	10.744	10.779	VV	49891	871408	4.83%	0.095%
228	10.805	10.779	10.827	VV	82501	1610064	8.93%	0.175%
229	10.874	10.827	10.889	VV	263236	4867983	27.00%	0.529%
230	10.901	10.889	10.921	VV	223745	2809571	15.58%	0.305%
231	10.933	10.921	10.949	VV	66816	966489	5.36%	0.105%
232	10.976	10.949	11.015	VV	95232	2872702	15.93%	0.312%
233	11.028	11.015	11.035	VV	61455	685049	3.80%	0.074%
234	11.051	11.035	11.072	VV	100703	1569336	8.70%	0.171%
235	11.095	11.072	11.105	VV	85747	1333732	7.40%	0.145%
236	11.117	11.105	11.140	VV	91567	1605835	8.91%	0.175%
237	11.160	11.140	11.176	VV	96874	1621034	8.99%	0.176%
238	11.201	11.176	11.240	VV	497117	7132789	39.56%	0.775%
239	11.271	11.240	11.291	VV	229820	3911119	21.69%	0.425%
240	11.303	11.291	11.335	VV	79658	1705638	9.46%	0.185%
241	11.361	11.335	11.377	VV	102828	2030269	11.26%	0.221%
242	11.389	11.377	11.406	VV	113911	1679147	9.31%	0.183%
243	11.425	11.406	11.441	VV	105324	1792419	9.94%	0.195%
244	11.457	11.441	11.470	VV	115809	1638198	9.09%	0.178%
245	11.490	11.470	11.519	VV	153649	3367536	18.68%	0.366%
246	11.570	11.519	11.591	VV	163754	5080757	28.18%	0.552%

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0.91% 0.018%

Manual IntegrationsAPPROVED

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247	11.628	11.591	11.661	VV	291253	7609891	42.20%	0.827%
248	11.671	11.661	11.693	VV	120204	2044940	11.15%	0.353%
249	11.723	11.693	11.764	VV	305525	6442347	35.12%	0.722%
250	11.803	11.764	11.820	VV	213612	4665511	25.12%	0.520%
251	11.861	11.820	11.879	VV	287616	7539506	41.15%	0.821%
252	11.896	11.879	11.904	VV	230302	3159275	17.15%	0.421%
253	11.913	11.904	11.936	VV	245727	3877225	21.50%	0.421%
254	11.960	11.936	11.983	VV	302959	5765263	31.97%	0.627%
255	12.006	11.983	12.023	VV	265525	4784322	26.53%	0.520%
256	12.057	12.023	12.080	VV	345877	8747495	48.51%	0.951%
257	12.115	12.080	12.139	VV	430160	11279728	62.56%	1.226%
258	12.150	12.139	12.168	VV	241737	3584014	19.88%	0.390%
259	12.208	12.168	12.252	VV	450381	13823909	76.67%	1.503%
260	12.280	12.252	12.301	VV	405729	8703550	48.27%	0.946%
261	12.304	12.301	12.313	VV	299445	2061605	11.43%	0.224%
262	12.337	12.313	12.364	VV	483482	11168766	61.94%	1.214%
263	12.377	12.364	12.390	VV	293345	4385433	24.32%	0.477%
264	12.406	12.390	12.422	VV	349189	5618394	31.16%	0.611%
265	12.461	12.422	12.490	VV	422764	12993647	72.06%	1.412%
266	12.501	12.490	12.525	VV	283581	5241543	29.07%	0.570%
267	12.565	12.525	12.585	VV	338434	10028803	55.62%	1.090%
268	12.604	12.585	12.631	VV	243355	5602403	31.07%	0.609%
269	12.667	12.631	12.688	VV	244350	6626733	36.75%	0.720%
270	12.717	12.688	12.734	VV	314492	6590558	36.55%	0.716%
271	12.747	12.734	12.779	VV	268671	5746822	31.87%	0.625%
272	12.800	12.779	12.826	VV	211656	5229933	29.01%	0.569%
273	12.852	12.826	12.867	VV	208026	4749518	26.34%	0.516%
274	12.876	12.867	12.888	VV	197165	2313041	12.83%	0.251%
275	12.905	12.888	12.924	VV	232206	4364068	24.20%	0.474%
276	12.946	12.924	12.967	VV	221303	5206590	28.88%	0.566%
277	12.970	12.967	12.975	VV	195468	908745	5.04%	0.099%
278	13.032	12.975	13.065	VV	741768	17289307	95.89%	1.879%
279	13.095	13.065	13.111	VV	225986	5750867	31.89%	0.625%
280	13.132	13.111	13.149	VV	269556	5242222	29.07%	0.570%
281	13.172	13.149	13.204	VV	268537	7624223	42.28%	0.829%
282	13.209	13.204	13.225	VV	219928	2586983	14.35%	0.281%
283	13.230	13.225	13.255	VV	188983	3180937	17.64%	0.346%
284	13.330	13.255	13.356	VV	689317	18030918	100.00%	1.960%
285	13.379	13.356	13.400	VV	308564	7220832	40.05%	0.785%
286	13.414	13.400	13.433	VV	258481	4699062	26.06%	0.511%
287	13.446	13.433	13.460	VV	247855	3800390	21.08%	0.413%
288	13.467	13.460	13.485	VV	220906	3108247	17.24%	0.338%
289	13.498	13.485	13.506	VV	214359	2587636	14.35%	0.281%
290	13.521	13.506	13.556	VV	233528	6113535	33.91%	0.665%
291	13.587	13.556	13.605	VV	200501	5518757	30.61%	0.600%
292	13.614	13.605	13.635	VV	191734	3264327	18.10%	0.355%
293	13.664	13.635	13.669	VV	172970	3465743	19.22%	0.377%
294	13.697	13.669	13.709	VV	213436	4688630	26.00%	0.510%
295	13.715	13.709	13.731	VV	201562	2562637	14.21%	0.279%
296	13.750	13.731	13.767	VV	213232	4339493	24.07%	0.472%
297	13.789	13.767	13.814	VV	210229	5647638	31.32%	0.614%
298	13.830	13.814	13.856	VV	206192	4706999	26.11%	0.512%
299	13.913	13.856	13.970	VV	249270	13075255	72.52%	1.421%

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300	13.994	13.970	13.999	VV	173197	2754955	15.28%	0.299%
301	14.019	13.999	14.041	VV	243867	5019210	27.46%	0.383%
302	14.059	14.041	14.084	VV	227543	4853645	26.00%	0.352%
303	14.106	14.084	14.132	VV	180892	4624045	25.00%	0.352%
304	14.150	14.132	14.157	VV	164941	2396010	13.00%	0.352%
305	14.189	14.157	14.212	VV	181373	5446397	30.00%	0.352%
306	14.229	14.212	14.252	VV	166991	3690746	20.47%	0.401%
307	14.284	14.252	14.324	VV	156267	6285076	34.86%	0.683%
308	14.374	14.324	14.392	VV	158153	5996805	33.26%	0.652%
309	14.404	14.392	14.411	VV	152545	1735698	9.63%	0.189%
310	14.427	14.411	14.449	VV	152919	3261851	18.09%	0.355%
311	14.487	14.449	14.511	VV	177062	5658509	31.38%	0.615%
312	14.523	14.511	14.543	VV	144609	2690492	14.92%	0.292%
313	14.558	14.543	14.573	VV	148795	2583732	14.33%	0.281%
314	14.606	14.573	14.630	VV	164639	5216644	28.93%	0.567%
315	14.646	14.630	14.663	VV	172001	3155384	17.50%	0.343%
316	14.672	14.663	14.696	VV	159014	2991851	16.59%	0.325%
317	14.716	14.696	14.736	VV	153529	3508284	19.46%	0.381%
318	14.770	14.736	14.798	VV	151425	5341973	29.63%	0.581%
319	14.826	14.798	14.844	VV	179890	4449396	24.68%	0.484%
320	14.852	14.844	14.868	VV	156627	2165714	12.01%	0.235%
321	14.889	14.868	14.913	VV	207417	4599998	25.51%	0.500%
322	14.946	14.913	14.966	VV	170024	4943213	27.42%	0.537%
323	14.986	14.966	14.991	VV	154174	2245816	12.46%	0.244%
324	14.995	14.991	14.999	VV	152213	698467	3.87%	0.076%
325	15.055	14.999	15.104	VV	271421	11544620	64.03%	1.255%
326	15.157	15.104	15.176	VV	179075	6800108	37.71%	0.739%
327	15.204	15.176	15.225	VV	389324	7489645	41.54%	0.814%
328	15.246	15.225	15.276	VV	382786	7475192	41.46%	0.813%
329	15.280	15.276	15.291	VV	159875	1336395	7.41%	0.145%
330	15.307	15.291	15.323	VV	160105	2992199	16.59%	0.325%
331	15.335	15.323	15.344	VV	157004	1949694	10.81%	0.212%
332	15.366	15.344	15.411	VV	218480	7085916	39.30%	0.770%
333	15.436	15.411	15.457	VV	180547	4551534	25.24%	0.495%
334	15.481	15.457	15.488	VV	173364	3028200	16.79%	0.329%
335	15.505	15.488	15.521	VV	175986	3399823	18.86%	0.370%
336	15.526	15.521	15.549	VV	173931	2831115	15.70%	0.308%
337	15.567	15.549	15.614	VV	175179	6371101	35.33%	0.693%
338	15.657	15.614	15.699	VV	225227	9630163	53.41%	1.047%
339	15.710	15.699	15.734	VV	169716	3350969	18.58%	0.364%
340	15.755	15.734	15.765	VV	167693	3050019	16.92%	0.332%
341	15.784	15.765	15.801	VV	175873	3658479	20.29%	0.398%
342	15.832	15.801	15.856	VV	190230	5733054	31.80%	0.623%
343	15.873	15.856	15.896	VV	220780	4562887	25.31%	0.496%
344	15.913	15.896	15.947	VV	182558	5139941	28.51%	0.559%
345	15.953	15.947	15.957	VV	163878	1036662	5.75%	0.113%
346	15.961	15.957	15.982	VV	164246	2382531	13.21%	0.259%
347	16.029	15.982	16.062	VV	190979	8217448	45.57%	0.893%
348	16.078	16.062	16.101	VV	159435	3606574	20.00%	0.392%
349	16.114	16.101	16.141	VV	160579	3714863	20.60%	0.404%
350	16.148	16.141	16.168	VV	149004	2265853	12.57%	0.246%
351	16.196	16.168	16.216	VV	164958	4356691	24.16%	0.474%

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352	16.225	16.216	16.232	VV	145571	1388823	7.70%	0.151%	
353	16.272	16.232	16.288	VV	154979	4902102	27.15%	0.151%	
354	16.292	16.288	16.319	VV	151019	2756435	15.15%	0.151%	
355	16.331	16.319	16.352	VV	143763	2766303	15.15%	0.151%	
356	16.374	16.352	16.389	VV	133869	2889721	16.16%	0.151%	
357	16.404	16.389	16.421	VV	129166	2365873	13.13%	0.151%	
358	16.425	16.421	16.431	VV	122081	705840	3.91%	0.077%	
359	16.450	16.431	16.457	VV	127448	1924309	10.67%	0.209%	
360	16.467	16.457	16.474	VV	127284	1340467	7.43%	0.146%	
361	16.480	16.474	16.521	VV	128323	3401074	18.86%	0.370%	
362	16.546	16.521	16.562	VV	127625	2997387	16.62%	0.326%	
363	16.581	16.562	16.612	VV	122382	3485163	19.33%	0.379%	
364	16.624	16.612	16.637	VV	115651	1751775	9.72%	0.190%	
365	16.648	16.637	16.654	VV	115670	1142476	6.34%	0.124%	
366	16.676	16.654	16.682	VV	121745	2017800	11.19%	0.219%	
367	16.688	16.682	16.709	VV	122700	1878408	10.42%	0.204%	
368	16.768	16.709	16.785	VV	373356	9081891	50.37%	0.987%	
369	16.792	16.785	16.832	VV	240901	4356059	24.16%	0.474%	
370	16.857	16.832	16.872	VV	114347	2703845	15.00%	0.294%	
371	16.892	16.872	16.914	VV	164209	3375589	18.72%	0.367%	
372	16.926	16.914	16.968	VV	118099	3599870	19.96%	0.391%	
373	16.986	16.968	16.993	VV	107215	1539639	8.54%	0.167%	
374	17.011	16.993	17.025	VV	112025	2116837	11.74%	0.230%	
375	17.087	17.025	17.112	VV	248354	7502329	41.61%	0.816%	
376	17.146	17.112	17.186	VV	314002	7150836	39.66%	0.777%	
377	17.243	17.186	17.272	VV	160463	6036373	33.48%	0.656%	
378	17.289	17.272	17.320	VV	109127	2958548	16.41%	0.322%	
379	17.325	17.320	17.330	VV	94011	546150	3.03%	0.059%	
380	17.350	17.330	17.365	VV	97512	2024731	11.23%	0.220%	
381	17.384	17.365	17.415	VV	102934	2963491	16.44%	0.322%	
382	17.439	17.415	17.461	VV	98094	2572515	14.27%	0.280%	
383	17.501	17.461	17.539	VV	119334	4952562	27.47%	0.538%	
384	17.555	17.539	17.586	VV	105250	2740790	15.20%	0.298%	
385	17.604	17.586	17.610	VV	92894	1336092	7.41%	0.145%	
386	17.665	17.610	17.704	VV	109313	5579318	30.94%	0.606%	
387	17.727	17.704	17.740	VV	98772	1985101	11.01%	0.216%	
388	17.754	17.740	17.774	VV	93938	1901658	10.55%	0.207%	
389	17.802	17.774	17.824	VV	109584	2883541	15.99%	0.313%	
390	17.840	17.824	17.848	VV	89547	1296595	7.19%	0.141%	
391	17.859	17.848	17.877	VV	91296	1551009	8.60%	0.169%	
392	17.912	17.877	17.937	VV	96504	3216223	17.84%	0.350%	
393	17.947	17.937	17.963	VV	88035	1346943	7.47%	0.146%	
394	17.977	17.963	18.004	VV	87833	2100152	11.65%	0.228%	
395	18.022	18.004	18.037	VV	84807	1654620	9.18%	0.180%	
396	18.073	18.037	18.081	VV	89435	2282131	12.66%	0.248%	
397	18.112	18.081	18.164	VV	96572	4452888	24.70%	0.484%	
398	18.208	18.164	18.223	VV	93521	3080074	17.08%	0.335%	
399	18.232	18.223	18.251	VV	90931	1481689	8.22%	0.161%	
400	18.275	18.251	18.292	VV	109699	2437122	13.52%	0.265%	
401	18.303	18.292	18.343	VV	100561	2911788	16.15%	0.317%	
402	18.360	18.343	18.391	VV	89525	2453319	13.61%	0.267%	
403	18.419	18.391	18.436	VV	112582	2635443	14.62%	0.286%	
404	18.446	18.436	18.467	VV	95609	1673603	9.28%	0.182%	

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405	18.476	18.467	18.482	VV	85375	763414	4.23%	0.083%
406	18.514	18.482	18.586	VV	210626	7633174	42	
407	18.591	18.586	18.619	VV	95838	1744218	9	
408	18.642	18.619	18.661	VV	118420	2559852	14	
409	18.677	18.661	18.701	VV	109023	2340413	12	
410	18.710	18.701	18.736	VV	88000	1804122	10	
411	18.769	18.736	18.816	VV	181350	5093931	28.25%	0.554%
412	18.822	18.816	18.827	VV	80803	555319	3.08%	0.060%
413	18.846	18.827	18.866	VV	88499	1938075	10.75%	0.211%
414	18.897	18.866	18.924	VV	112109	3232294	17.93%	0.351%
415	18.943	18.924	18.969	VV	90240	2282230	12.66%	0.248%
416	18.974	18.969	18.983	VV	81148	661861	3.67%	0.072%
417	18.992	18.983	19.014	VV	80257	1442185	8.00%	0.157%
418	19.021	19.014	19.032	VV	77385	860874	4.77%	0.094%
419	19.056	19.032	19.086	VV	86683	2618580	14.52%	0.285%
420	19.112	19.086	19.144	VV	83579	2791219	15.48%	0.303%
421	19.163	19.144	19.172	VV	77578	1294977	7.18%	0.141%
422	19.193	19.172	19.199	VV	84015	1270403	7.05%	0.138%
423	19.202	19.199	19.211	VV	82855	569916	3.16%	0.062%
424	19.232	19.211	19.260	VV	81870	2351078	13.04%	0.256%
425	19.276	19.260	19.297	VV	81147	1725608	9.57%	0.188%
426	19.341	19.297	19.384	VV	101607	4513635	25.03%	0.491%
427	19.397	19.384	19.427	VV	83430	2079790	11.53%	0.226%
428	19.453	19.427	19.474	VV	82013	2243203	12.44%	0.244%
429	19.479	19.474	19.509	VV	80203	1605423	8.90%	0.175%
430	19.515	19.509	19.517	VV	71542	332994	1.85%	0.036%
431	19.525	19.517	19.529	VV	73354	540447	3.00%	0.059%
432	19.548	19.529	19.589	VV	75680	2605249	14.45%	0.283%
433	19.620	19.589	19.632	VV	76020	1885558	10.46%	0.205%
434	19.647	19.632	19.669	VV	75148	1618737	8.98%	0.176%
435	19.678	19.669	19.691	VV	72124	917894	5.09%	0.100%
436	19.725	19.691	19.758	VV	82955	3101494	17.20%	0.337%
437	19.774	19.758	19.787	VV	78342	1316482	7.30%	0.143%
438	19.803	19.787	19.819	VV	74239	1388741	7.70%	0.151%
439	19.847	19.819	19.879	VV	77911	2647064	14.68%	0.288%
440	19.921	19.879	19.943	VV	94187	3179170	17.63%	0.346%
441	19.953	19.943	19.965	VV	78487	1040862	5.77%	0.113%
442	19.986	19.965	20.021	VV	89190	2687489	14.90%	0.292%
443	20.040	20.021	20.064	VV	77363	1934270	10.73%	0.210%
444	20.090	20.064	20.135	VV	86959	3367135	18.67%	0.366%
445	20.141	20.135	20.159	VV	71756	1003880	5.57%	0.109%
446	20.167	20.159	20.187	VV	71053	1167069	6.47%	0.127%
447	20.205	20.187	20.233	VV	72288	1891659	10.49%	0.206%
448	20.257	20.233	20.262	VV	72313	1176675	6.53%	0.128%
449	20.293	20.262	20.324	VV	87735	2948138	16.35%	0.320%
450	20.330	20.324	20.338	VV	71552	585573	3.25%	0.064%
451	20.362	20.338	20.382	VV	76247	1940561	10.76%	0.211%
452	20.387	20.382	20.414	VV	75720	1394598	7.73%	0.152%
453	20.422	20.414	20.427	VV	69573	529607	2.94%	0.058%
454	20.437	20.427	20.457	VV	70835	1246417	6.91%	0.135%
455	20.470	20.457	20.495	VV	69435	1549830	8.60%	0.168%
456	20.510	20.495	20.526	VV	69162	1224379	6.79%	0.133%

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457	20.543	20.526	20.547	VV	70767	869879	4.82%	0.095%	
458	20.557	20.547	20.574	VV	71694	1107080			
459	20.581	20.574	20.586	VV	67962	515912			
460	20.593	20.586	20.612	VV	68603	1021699			
461	20.633	20.612	20.638	VV	75825	1097563			
462	20.645	20.638	20.670	VV	75909	1408158			
463	20.687	20.670	20.725	VV	70020	2198159	12.19%	0.239%	
464	20.730	20.725	20.767	VV	65294	1611070	8.94%	0.175%	
465	20.771	20.767	20.799	VV	61451	1141763	6.33%	0.124%	
466	20.804	20.799	20.808	VV	58699	297037	1.65%	0.032%	
467	20.828	20.808	20.862	VV	61352	1946241	10.79%	0.212%	
468	20.867	20.862	20.881	VV	57598	647199	3.59%	0.070%	
469	20.888	20.881	20.895	VV	58372	472941	2.62%	0.051%	
470	20.898	20.895	20.917	VV	56981	752904	4.18%	0.082%	
471	20.929	20.917	20.934	VV	56435	549454	3.05%	0.060%	
472	20.958	20.934	20.962	VV	56772	926387	5.14%	0.101%	
473	20.967	20.962	20.992	VV	57254	997292	5.53%	0.108%	
474	20.999	20.992	21.006	VV	54969	464000	2.57%	0.050%	
475	21.014	21.006	21.039	VV	54486	1038638	5.76%	0.113%	
476	21.044	21.039	21.079	VV	51881	1191111	6.61%	0.129%	
477	21.084	21.079	21.102	VV	47457	625882	3.47%	0.068%	
478	21.109	21.102	21.135	VV	46102	903530	5.01%	0.098%	
479	21.140	21.135	21.154	VV	43967	477134	2.65%	0.052%	
480	21.197	21.154	21.244	VV	48174	2347356	13.02%	0.255%	
481	21.270	21.244	21.305	VV	41220	1415464	7.85%	0.154%	
482	21.310	21.305	21.319	VV	35853	305080	1.69%	0.033%	
483	21.323	21.319	21.331	VV	35050	248597	1.38%	0.027%	
484	21.349	21.331	21.362	VV	35531	651425	3.61%	0.071%	
485	21.368	21.362	21.390	VV	35250	557829	3.09%	0.061%	
486	21.403	21.390	21.407	VV	32607	334687	1.86%	0.036%	
487	21.412	21.407	21.451	VV	32880	812126	4.50%	0.088%	
488	21.460	21.451	21.489	VV	29695	662752	3.68%	0.072%	
489	21.497	21.489	21.502	VV	28383	211735	1.17%	0.023%	
490	21.507	21.502	21.591	VV	28337	1355131	7.52%	0.147%	
491	21.613	21.591	21.617	VV	26342	385270	2.14%	0.042%	
492	21.626	21.617	21.647	VV	27278	483119	2.68%	0.053%	
493	21.653	21.647	21.682	VV	25069	507386	2.81%	0.055%	
494	21.689	21.682	21.696	VV	22632	189902	1.05%	0.021%	
495	21.703	21.696	21.716	VV	22443	252643	1.40%	0.027%	
496	21.720	21.716	21.756	VV	22168	484771	2.69%	0.053%	
497	21.763	21.756	21.786	VV	19400	321648	1.78%	0.035%	
498	21.794	21.786	21.802	VV	16750	162333	0.90%	0.018%	
499	21.809	21.802	21.813	VV	16106	104199	0.58%	0.011%	
500	21.825	21.813	21.834	VV	15901	190560	1.06%	0.021%	
501	21.840	21.834	21.847	VV	14623	109194	0.61%	0.012%	
502	21.853	21.847	21.862	VV	14291	125365	0.70%	0.014%	
503	21.874	21.862	21.882	VV	14507	165558	0.92%	0.018%	
504	21.888	21.882	21.907	VV	13505	190313	1.06%	0.021%	
505	21.916	21.907	21.929	VV	13367	169638	0.94%	0.018%	
506	21.938	21.929	21.962	VV	12355	216798	1.20%	0.024%	
507	21.978	21.962	21.984	VV	10988	144094	0.80%	0.016%	
508	21.990	21.984	22.001	VV	11025	100958	0.56%	0.011%	
509	22.006	22.001	22.032	VV	10115	172685	0.96%	0.019%	

Instrument :

FID_F

ClientSampleId :

WC-SOIL-20221214

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :Ankita Jodhani 12/19/2022

	Area	Height	Area	Height	Area	Height	Area	Height
510	22.037	22.032	22.049	VV	8175	72956	0.40%	0.008%
511	22.065	22.049	22.068	VV	8195	88907		
512	22.079	22.068	22.102	VV	8386	160694		
513	22.125	22.102	22.175	VV	11556	363517		
514	22.182	22.175	22.200	VV	6002	76858		
515	22.207	22.200	22.248	VV	6079	110559		
516	22.259	22.248	22.271	VV	3541	31659	0.18%	0.003%
517	22.275	22.271	22.301	VBA	1452	48772	0.27%	0.005%
Sum of corrected areas:					919952621			

Instrument :
FID_F
ClientSampleId :
WC-SOIL-20221214

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :Ankita Jodhani 12/19/2022

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