

rteres

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711MSD

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 : FG016324.D
Signal(s) : FID1A.ch
Acq On : 17 Jul 2025 15:21
Sample : Q2592-01MSD
Misc :
ALS Vial : 26 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	2.050	2.018	2.087	BV	915	17076	0.12%	0.002%
2	2.119	2.087	2.177	VV	77861	1027233	7.42%	0.094%
3	2.199	2.177	2.212	VV	831	10737	0.08%	0.001%
4	2.221	2.212	2.249	VV	740	9418	0.07%	0.001%
5	2.267	2.249	2.281	PV	1571	19002	0.14%	0.002%
6	2.294	2.281	2.379	VV	8907	149750	1.08%	0.014%
7	2.403	2.379	2.435	VV	961	17154	0.12%	0.002%
8	2.472	2.435	2.493	PV	1547	30254	0.22%	0.003%
9	2.503	2.493	2.528	VV	1298	21091	0.15%	0.002%
10	2.537	2.528	2.544	VV	816	7187	0.05%	0.001%
11	2.564	2.544	2.582	VV	1179	21582	0.16%	0.002%
12	2.588	2.582	2.611	VV	1006	11884	0.09%	0.001%
13	2.661	2.611	2.681	VV	1052	31365	0.23%	0.003%
14	2.702	2.681	2.773	VV	2227	44421	0.32%	0.004%
15	2.819	2.773	2.860	PV	3101	67601	0.49%	0.006%
16	2.889	2.860	2.910	VV	2628	45652	0.33%	0.004%
17	2.931	2.910	2.953	VV	1659	35299	0.25%	0.003%
18	2.970	2.953	2.988	VV	1593	26672	0.19%	0.002%
19	3.036	2.988	3.082	VV	305233	3452880	24.94%	0.317%
20	3.094	3.082	3.111	VV	3736	56502	0.41%	0.005%
21	3.134	3.111	3.174	VV	8154	174169	1.26%	0.016%
22	3.186	3.174	3.217	VV	2432	50031	0.36%	0.005%
23	3.245	3.217	3.294	VV	3438	95357	0.69%	0.009%
24	3.312	3.294	3.343	VV	6079	78714	0.57%	0.007%
25	3.350	3.343	3.367	VV	1304	15899	0.11%	0.001%
26	3.394	3.367	3.410	VV	2140	43894	0.32%	0.004%
27	3.420	3.410	3.443	VV	1935	30302	0.22%	0.003%
28	3.451	3.443	3.462	VV	1206	12395	0.09%	0.001%
29	3.470	3.462	3.487	VV	1145	13805	0.10%	0.001%
30	3.524	3.487	3.548	VV	3686	58044	0.42%	0.005%
31	3.567	3.548	3.588	VV	2148	34601	0.25%	0.003%
32	3.610	3.588	3.614	VV	1510	19157	0.14%	0.002%
33	3.649	3.614	3.669	VV	3679	79387	0.57%	0.007%
34	3.683	3.669	3.710	VV	3273	59509	0.43%	0.005%
35	3.748	3.710	3.782	VV	23544	319398	2.31%	0.029%
36	3.793	3.782	3.810	VV	2834	39094	0.28%	0.004%

					retention			
37	3.825	3.810	3.833	VV	2667	28794	0.21%	0.003%
38	3.854	3.833	3.882	VV	7654	138214		
39	3.899	3.882	3.916	VV	4309	65405		
40	3.923	3.916	3.933	VV	2457	22330		
41	3.945	3.933	3.962	VV	2847	40212		
42	3.994	3.962	4.041	VV	4968	132038		
43	4.044	4.041	4.069	VV	1389	19810	0.14%	0.002%
44	4.101	4.069	4.177	VV	1737	55030	0.40%	0.005%
45	4.219	4.177	4.265	PV	22124	475080	3.43%	0.044%
46	4.301	4.265	4.356	VV	16379	460375	3.33%	0.042%
47	4.385	4.356	4.417	VV	10441	236350	1.71%	0.022%
48	4.432	4.417	4.458	VV	8970	150126	1.08%	0.014%
49	4.471	4.458	4.487	VV	4545	70917	0.51%	0.007%
50	4.500	4.487	4.518	VV	3691	62075	0.45%	0.006%
51	4.533	4.518	4.558	VV	3308	71984	0.52%	0.007%
52	4.561	4.558	4.570	VV	2908	21558	0.16%	0.002%
53	4.579	4.570	4.601	VV	7669	100487	0.73%	0.009%
54	4.612	4.601	4.642	VV	4652	87439	0.63%	0.008%
55	4.670	4.642	4.703	VV	151489	1646936	11.90%	0.151%
56	4.708	4.703	4.728	VV	4754	60914	0.44%	0.006%
57	4.744	4.728	4.773	VV	4724	101490	0.73%	0.009%
58	4.791	4.773	4.813	VV	3703	70864	0.51%	0.007%
59	4.836	4.813	4.856	VV	11770	172175	1.24%	0.016%
60	4.866	4.856	4.891	VV	5427	90333	0.65%	0.008%
61	4.904	4.891	4.917	VV	3414	49151	0.36%	0.005%
62	4.931	4.917	4.943	VV	3956	57988	0.42%	0.005%
63	4.962	4.943	4.975	VV	5664	87961	0.64%	0.008%
64	4.982	4.975	5.002	VV	4518	60879	0.44%	0.006%
65	5.031	5.002	5.058	VV	70411	780043	5.63%	0.072%
66	5.071	5.058	5.111	VV	10157	151226	1.09%	0.014%
67	5.139	5.111	5.165	VV	4144	99449	0.72%	0.009%
68	5.188	5.165	5.213	VV	2878	69381	0.50%	0.006%
69	5.222	5.213	5.272	VV	1884	47043	0.34%	0.004%
70	5.327	5.272	5.370	VV	180922	1818040	13.13%	0.167%
71	5.415	5.370	5.453	VV	9411	242907	1.75%	0.022%
72	5.493	5.453	5.517	VV	6412	129677	0.94%	0.012%
73	5.526	5.517	5.544	VV	1531	20382	0.15%	0.002%
74	5.560	5.544	5.572	VV	1106	16190	0.12%	0.001%
75	5.585	5.572	5.598	VV	1764	22727	0.16%	0.002%
76	5.618	5.598	5.646	VV	9128	115148	0.83%	0.011%
77	5.660	5.646	5.678	VV	1975	25567	0.18%	0.002%
78	5.693	5.678	5.706	VV	2678	28076	0.20%	0.003%
79	5.720	5.706	5.743	VV	10899	111980	0.81%	0.010%
80	5.760	5.743	5.771	VV	1689	23165	0.17%	0.002%
81	5.778	5.771	5.793	VV	1753	20114	0.15%	0.002%
82	5.815	5.793	5.880	VV	17222	235994	1.70%	0.022%
83	5.919	5.880	5.958	VV	13993	243857	1.76%	0.022%
84	5.963	5.958	5.979	VV	2363	26317	0.19%	0.002%
85	6.013	5.979	6.031	VV	4807	99821	0.72%	0.009%
86	6.045	6.031	6.066	VV	7128	83688	0.60%	0.008%
87	6.084	6.066	6.104	VV	4078	59405	0.43%	0.005%
88	6.145	6.104	6.163	VV	5374	109123	0.79%	0.010%
89	6.177	6.163	6.212	VV	1808	35769	0.26%	0.003%

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90	6.246	6.212	6.319	VV	84412	1848003	13.35%	0.170%
91	6.323	6.319	6.338	VV	10232	111600		
92	6.349	6.338	6.373	VV	9738	182042		
93	6.394	6.373	6.409	VV	16803	243458		
94	6.431	6.409	6.483	VV	18249	417174		
95	6.496	6.483	6.526	VV	5370	93333		
96	6.562	6.526	6.594	VV	7793	149444	1.08%	0.014%
97	6.622	6.594	6.670	VV	78593	937664	6.77%	0.086%
98	6.693	6.670	6.728	VV	16425	267011	1.93%	0.025%
99	6.741	6.728	6.758	VV	8148	105990	0.77%	0.010%
100	6.767	6.758	6.796	VV	4028	78135	0.56%	0.007%
101	6.806	6.796	6.828	VV	3394	54922	0.40%	0.005%
102	6.853	6.828	6.901	VV	185808	1910130	13.80%	0.176%
103	6.930	6.901	6.960	VV	4957	89968	0.65%	0.008%
104	6.977	6.960	6.994	VV	7222	73426	0.53%	0.007%
105	7.010	6.994	7.028	VV	3914	52510	0.38%	0.005%
106	7.045	7.028	7.068	VV	2995	50416	0.36%	0.005%
107	7.079	7.068	7.093	VV	1487	16741	0.12%	0.002%
108	7.113	7.093	7.129	VV	2079	30182	0.22%	0.003%
109	7.140	7.129	7.158	VV	1925	21867	0.16%	0.002%
110	7.176	7.158	7.193	VV	3977	53565	0.39%	0.005%
111	7.204	7.193	7.228	VV	3446	52704	0.38%	0.005%
112	7.250	7.228	7.283	VV	3863	60156	0.43%	0.006%
113	7.310	7.283	7.333	VV	27778	292647	2.11%	0.027%
114	7.366	7.333	7.417	VV	23431	610050	4.41%	0.056%
115	7.423	7.417	7.430	VV	6058	47858	0.35%	0.004%
116	7.446	7.430	7.459	VV	12949	165437	1.19%	0.015%
117	7.480	7.459	7.524	VV	58493	870265	6.29%	0.080%
118	7.530	7.524	7.592	VV	6909	192010	1.39%	0.018%
119	7.599	7.592	7.608	VV	2652	25006	0.18%	0.002%
120	7.635	7.608	7.653	VV	7142	121682	0.88%	0.011%
121	7.673	7.653	7.689	VV	6721	102480	0.74%	0.009%
122	7.703	7.689	7.725	VV	4517	74541	0.54%	0.007%
123	7.755	7.725	7.778	VV	4304	86719	0.63%	0.008%
124	7.806	7.778	7.821	VV	11443	137594	0.99%	0.013%
125	7.844	7.821	7.867	VV	15305	257983	1.86%	0.024%
126	7.875	7.867	7.922	VV	5735	123660	0.89%	0.011%
127	7.940	7.922	7.968	VV	3754	65293	0.47%	0.006%
128	7.982	7.968	7.988	VV	2130	21317	0.15%	0.002%
129	7.999	7.988	8.006	VV	2767	26354	0.19%	0.002%
130	8.016	8.006	8.052	VV	4043	59093	0.43%	0.005%
131	8.056	8.052	8.072	VV	1124	10727	0.08%	0.001%
132	8.100	8.072	8.128	VV	11694	136281	0.98%	0.013%
133	8.171	8.128	8.208	PV	3617	77428	0.56%	0.007%
134	8.242	8.208	8.257	VV	16031	210371	1.52%	0.019%
135	8.270	8.257	8.290	VV	15814	183254	1.32%	0.017%
136	8.304	8.290	8.338	VV	3395	63404	0.46%	0.006%
137	8.347	8.338	8.363	VV	1592	17461	0.13%	0.002%
138	8.381	8.363	8.393	VV	2294	26511	0.19%	0.002%
139	8.422	8.393	8.446	VV	3376	76771	0.55%	0.007%
140	8.448	8.446	8.454	VV	1638	7776	0.06%	0.001%
141	8.468	8.454	8.484	VV	3166	38425	0.28%	0.004%

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					rters			
142	8.510	8.484	8.525	VV	5817	102697	0.74%	0.009%
143	8.530	8.525	8.561	VV	4303	69017		
144	8.587	8.561	8.608	VV	8109	137620		
145	8.623	8.608	8.640	VV	4523	63428		
146	8.657	8.640	8.670	VV	7415	96116		
147	8.695	8.670	8.739	VV	186655	2047971	14	
148	8.756	8.739	8.773	VV	12771	142340	1.03%	0.013%
149	8.810	8.773	8.888	VV	14700	362598	2.62%	0.033%
150	8.904	8.888	8.926	VV	3076	50213	0.36%	0.005%
151	8.943	8.926	8.964	VV	2344	39610	0.29%	0.004%
152	8.978	8.964	8.992	VV	1076	10314	0.07%	0.001%
153	9.008	8.992	9.024	PV	1085	10688	0.08%	0.001%
154	9.040	9.024	9.045	VV	1301	10149	0.07%	0.001%
155	9.076	9.045	9.095	VV	11793	172592	1.25%	0.016%
156	9.110	9.095	9.125	VV	8122	91794	0.66%	0.008%
157	9.141	9.125	9.150	VV	3821	45150	0.33%	0.004%
158	9.170	9.150	9.203	VV	6417	127952	0.92%	0.012%
159	9.242	9.203	9.267	VV	4161	103317	0.75%	0.009%
160	9.288	9.267	9.308	VV	5409	65196	0.47%	0.006%
161	9.333	9.308	9.366	VV	6301	145924	1.05%	0.013%
162	9.385	9.366	9.414	VV	7914	127087	0.92%	0.012%
163	9.438	9.414	9.450	VV	5468	83355	0.60%	0.008%
164	9.462	9.450	9.488	VV	6548	81279	0.59%	0.007%
165	9.528	9.488	9.546	PV	9476	131915	0.95%	0.012%
166	9.555	9.546	9.596	VV	4536	76414	0.55%	0.007%
167	9.627	9.596	9.633	VV	3234	39340	0.28%	0.004%
168	9.639	9.633	9.661	VV	2824	33130	0.24%	0.003%
169	9.682	9.661	9.697	VV	4010	56783	0.41%	0.005%
170	9.713	9.697	9.736	VV	4220	77350	0.56%	0.007%
171	9.748	9.736	9.783	VV	3028	57830	0.42%	0.005%
172	9.799	9.783	9.840	VV	2828	50395	0.36%	0.005%
173	9.873	9.840	9.891	PV	35120	439049	3.17%	0.040%
174	9.907	9.891	9.944	VV	11770	200158	1.45%	0.018%
175	9.970	9.944	10.015	VV	11180	227218	1.64%	0.021%
176	10.028	10.015	10.038	VV	1846	18894	0.14%	0.002%
177	10.050	10.038	10.077	VV	2752	36977	0.27%	0.003%
178	10.095	10.077	10.103	PV	2046	20345	0.15%	0.002%
179	10.127	10.103	10.137	VV	45846	477278	3.45%	0.044%
180	10.152	10.137	10.170	VV	121374	1333149	9.63%	0.123%
181	10.185	10.170	10.208	VV	72460	737234	5.32%	0.068%
182	10.239	10.208	10.247	VV	7137	108838	0.79%	0.010%
183	10.270	10.247	10.289	VV	17168	257682	1.86%	0.024%
184	10.315	10.289	10.347	VV	178708	2034143	14.69%	0.187%
185	10.374	10.347	10.409	VV	11430	207021	1.50%	0.019%
186	10.428	10.409	10.437	PV	1289	14240	0.10%	0.001%
187	10.448	10.437	10.457	VV	1821	13585	0.10%	0.001%
188	10.471	10.457	10.486	VV	1923	21296	0.15%	0.002%
189	10.500	10.486	10.507	VV	2330	21339	0.15%	0.002%
190	10.521	10.507	10.542	VV	3284	47951	0.35%	0.004%
191	10.554	10.542	10.570	VV	1661	15060	0.11%	0.001%
192	10.593	10.570	10.611	PV	5896	64285	0.46%	0.006%
193	10.654	10.611	10.667	VV	85912	1106371	7.99%	0.102%
194	10.676	10.667	10.743	VV	42522	796658	5.75%	0.073%

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195	10.766	10.743	10.788	VV	7662	166877	1.21%	0.015%
196	10.804	10.788	10.808	VV	6201	65258		
197	10.850	10.808	10.872	VV	25524	469235		
198	10.911	10.872	10.936	VV	29684	489933		
199	10.970	10.936	10.987	VV	47510	762120		
200	11.002	10.987	11.015	VV	30352	391075		
201	11.044	11.015	11.073	VV	30469	687644	4.97%	0.063%
202	11.111	11.073	11.122	VV	26683	494376	3.57%	0.045%
203	11.134	11.122	11.150	VV	28207	396516	2.86%	0.036%
204	11.169	11.150	11.183	VV	39530	546377	3.95%	0.050%
205	11.191	11.183	11.213	VV	28226	382148	2.76%	0.035%
206	11.235	11.213	11.258	VV	47185	648268	4.68%	0.060%
207	11.292	11.258	11.306	VV	37996	626748	4.53%	0.058%
208	11.325	11.306	11.343	VV	128688	1504113	10.86%	0.138%
209	11.353	11.343	11.379	VV	30279	447750	3.23%	0.041%
210	11.402	11.379	11.438	VV	53335	1052982	7.61%	0.097%
211	11.464	11.438	11.487	VV	18284	392065	2.83%	0.036%
212	11.507	11.487	11.531	VV	20518	336847	2.43%	0.031%
213	11.577	11.531	11.600	VV	13534	422360	3.05%	0.039%
214	11.620	11.600	11.649	VV	24151	441262	3.19%	0.041%
215	11.680	11.649	11.692	VV	23329	401334	2.90%	0.037%
216	11.695	11.692	11.716	VV	18316	219739	1.59%	0.020%
217	11.735	11.716	11.745	VV	17401	228748	1.65%	0.021%
218	11.771	11.745	11.791	VV	186472	2452683	17.72%	0.225%
219	11.799	11.791	11.828	VV	47387	716787	5.18%	0.066%
220	11.850	11.828	11.876	VV	41700	885047	6.39%	0.081%
221	11.891	11.876	11.914	VV	31393	596710	4.31%	0.055%
222	11.932	11.914	11.948	VV	25736	417113	3.01%	0.038%
223	11.985	11.948	12.007	VV	38967	964560	6.97%	0.089%
224	12.014	12.007	12.031	VV	28698	374163	2.70%	0.034%
225	12.046	12.031	12.074	VV	40158	780841	5.64%	0.072%
226	12.078	12.074	12.082	VV	18660	78922	0.57%	0.007%
227	12.097	12.082	12.103	VV	21128	250031	1.81%	0.023%
228	12.134	12.103	12.146	VV	35117	674967	4.88%	0.062%
229	12.167	12.146	12.188	VV	50894	1016761	7.34%	0.093%
230	12.192	12.188	12.198	VV	37466	213046	1.54%	0.020%
231	12.206	12.198	12.218	VV	34307	390693	2.82%	0.036%
232	12.254	12.218	12.269	VV	43603	1087799	7.86%	0.100%
233	12.287	12.269	12.305	VV	66850	1144751	8.27%	0.105%
234	12.309	12.305	12.334	VV	45664	667581	4.82%	0.061%
235	12.346	12.334	12.353	VV	32330	346259	2.50%	0.032%
236	12.363	12.353	12.368	VV	32932	282248	2.04%	0.026%
237	12.396	12.368	12.413	VV	43042	1034652	7.47%	0.095%
238	12.449	12.413	12.480	VV	48538	1611907	11.64%	0.148%
239	12.499	12.480	12.523	VV	55833	1179284	8.52%	0.108%
240	12.542	12.523	12.593	VV	77058	2538337	18.33%	0.233%
241	12.613	12.593	12.635	VV	59990	1379750	9.97%	0.127%
242	12.659	12.635	12.677	VV	62136	1355027	9.79%	0.125%
243	12.725	12.677	12.766	VV	299165	6565764	47.42%	0.604%
244	12.780	12.766	12.798	VV	51185	944898	6.82%	0.087%
245	12.841	12.798	12.869	VV	62586	2418864	17.47%	0.222%
246	12.889	12.869	12.903	VV	60837	1107200	8.00%	0.102%

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247	12.934	12.903	12.939	VV	60168	1171603	8.46%	0.108%
248	12.954	12.939	12.966	VV	62825	973261		
249	12.970	12.966	12.974	VV	59864	284617		
250	12.997	12.974	13.011	VV	77776	1538119	11.72%	0.108%
251	13.026	13.011	13.032	VV	74801	932553	6.02%	0.458%
252	13.045	13.032	13.067	VV	74987	1448500	10.02%	0.453%
253	13.095	13.067	13.139	VV	236336	4987066	36.02%	0.458%
254	13.169	13.139	13.189	VV	331499	4930485	35.61%	0.453%
255	13.211	13.189	13.235	VV	107394	2347178	16.95%	0.216%
256	13.245	13.235	13.253	VV	77917	822146	5.94%	0.076%
257	13.264	13.253	13.278	VV	78539	1126504	8.14%	0.104%
258	13.301	13.278	13.326	VV	100859	2392989	17.28%	0.220%
259	13.354	13.326	13.383	VV	100447	2972131	21.47%	0.273%
260	13.418	13.383	13.448	VV	108059	3358310	24.26%	0.309%
261	13.471	13.448	13.496	VV	299386	4864749	35.14%	0.447%
262	13.500	13.496	13.515	VV	96788	1051024	7.59%	0.097%
263	13.525	13.515	13.541	VV	94964	1345471	9.72%	0.124%
264	13.557	13.541	13.581	VV	93613	2059217	14.87%	0.189%
265	13.593	13.581	13.602	VV	79208	944760	6.82%	0.087%
266	13.622	13.602	13.643	VV	91132	2052511	14.82%	0.189%
267	13.644	13.643	13.650	VV	81809	336695	2.43%	0.031%
268	13.677	13.650	13.713	VV	97274	3260493	23.55%	0.300%
269	13.717	13.713	13.722	VV	82545	398561	2.88%	0.037%
270	13.759	13.722	13.784	VV	484795	10415647	75.23%	0.957%
271	13.797	13.784	13.817	VV	200198	3498516	25.27%	0.322%
272	13.825	13.817	13.852	VV	146335	2576339	18.61%	0.237%
273	13.866	13.852	13.892	VV	105083	2300435	16.62%	0.211%
274	13.895	13.892	13.914	VV	92769	1182733	8.54%	0.109%
275	13.963	13.914	13.992	VV	259510	6890923	49.77%	0.633%
276	14.019	13.992	14.046	VV	107242	3136920	22.66%	0.288%
277	14.066	14.046	14.076	VV	112828	1945044	14.05%	0.179%
278	14.086	14.076	14.110	VV	109067	1961723	14.17%	0.180%
279	14.114	14.110	14.121	VV	85302	567670	4.10%	0.052%
280	14.150	14.121	14.158	VV	96234	1974982	14.26%	0.182%
281	14.172	14.158	14.185	VV	105218	1569328	11.33%	0.144%
282	14.214	14.185	14.244	VV	158462	4242701	30.64%	0.390%
283	14.258	14.244	14.277	VV	113175	1975294	14.27%	0.182%
284	14.306	14.277	14.333	VV	242470	5023078	36.28%	0.462%
285	14.348	14.333	14.364	VV	106329	1791003	12.94%	0.165%
286	14.369	14.364	14.375	VV	91313	605939	4.38%	0.056%
287	14.388	14.375	14.399	VV	100161	1379114	9.96%	0.127%
288	14.418	14.399	14.447	VV	128658	3054353	22.06%	0.281%
289	14.462	14.447	14.484	VV	107771	2230115	16.11%	0.205%
290	14.496	14.484	14.504	VV	92488	1066142	7.70%	0.098%
291	14.538	14.504	14.568	VV	104656	3640460	26.29%	0.335%
292	14.591	14.568	14.629	VV	101136	3373355	24.36%	0.310%
293	14.644	14.629	14.657	VV	99059	1504650	10.87%	0.138%
294	14.660	14.657	14.664	VV	90980	418204	3.02%	0.038%
295	14.698	14.664	14.712	VV	116073	2938628	21.22%	0.270%
296	14.728	14.712	14.748	VV	119625	2417325	17.46%	0.222%
297	14.766	14.748	14.782	VV	108879	2119850	15.31%	0.195%
298	14.806	14.782	14.825	VV	121073	2814687	20.33%	0.259%
299	14.843	14.825	14.848	VV	109716	1432415	10.35%	0.132%

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300	14.854	14.848	14.866	VV	109781	1189787	8.59%	0.109%
301	14.875	14.866	14.888	VV	108725	1291048		
302	14.897	14.888	14.923	VV	104714	2084028	15.00%	0.109%
303	14.931	14.923	14.936	VV	92616	693406	8.04%	0.102%
304	14.988	14.936	15.007	VV	120555	4503150	32.00%	0.246%
305	15.011	15.007	15.025	VV	105229	1125510	8.04%	0.819%
306	15.056	15.025	15.074	VV	138395	3473582	25.09%	0.319%
307	15.113	15.074	15.142	VV	141536	4751515	34.32%	0.437%
308	15.147	15.142	15.161	VV	101595	1113232	8.04%	0.102%
309	15.184	15.161	15.197	VV	140921	2675812	19.33%	0.246%
310	15.215	15.197	15.307	VV	191012	8914663	64.39%	0.819%
311	15.322	15.307	15.338	VV	119723	2063587	14.90%	0.190%
312	15.371	15.338	15.392	VV	286078	6354198	45.89%	0.584%
313	15.417	15.392	15.468	VV	404113	9213177	66.54%	0.847%
314	15.494	15.468	15.509	VV	110902	2628422	18.98%	0.242%
315	15.535	15.509	15.557	VV	135582	3414259	24.66%	0.314%
316	15.575	15.557	15.581	VV	119276	1667551	12.04%	0.153%
317	15.613	15.581	15.639	VV	175513	4983292	35.99%	0.458%
318	15.677	15.639	15.708	VV	169720	5510526	39.80%	0.507%
319	15.730	15.708	15.748	VV	136208	2905210	20.98%	0.267%
320	15.756	15.748	15.768	VV	121880	1429938	10.33%	0.131%
321	15.776	15.768	15.782	VV	119264	919953	6.64%	0.085%
322	15.810	15.782	15.836	VV	152270	4382329	31.65%	0.403%
323	15.843	15.836	15.853	VV	130801	1223221	8.84%	0.112%
324	15.865	15.853	15.879	VV	127271	1914411	13.83%	0.176%
325	15.900	15.879	15.925	VV	124871	3184981	23.00%	0.293%
326	15.971	15.925	16.000	VV	404265	9139955	66.02%	0.840%
327	16.020	16.000	16.030	VV	126742	2216849	16.01%	0.204%
328	16.055	16.030	16.062	VV	159006	2705845	19.54%	0.249%
329	16.085	16.062	16.113	VV	236881	5472198	39.52%	0.503%
330	16.136	16.113	16.149	VV	120720	2472571	17.86%	0.227%
331	16.156	16.149	16.161	VV	124643	821760	5.94%	0.076%
332	16.174	16.161	16.193	VV	138707	2499586	18.05%	0.230%
333	16.201	16.193	16.209	VV	134157	1256464	9.08%	0.115%
334	16.214	16.209	16.248	VV	131794	2863726	20.68%	0.263%
335	16.256	16.248	16.278	VV	118315	2063675	14.91%	0.190%
336	16.291	16.278	16.300	VV	125667	1579649	11.41%	0.145%
337	16.320	16.300	16.337	VV	153105	3079661	22.24%	0.283%
338	16.347	16.337	16.370	VV	153592	2651976	19.15%	0.244%
339	16.379	16.370	16.394	VV	133431	1764267	12.74%	0.162%
340	16.419	16.394	16.435	VV	143675	3276725	23.67%	0.301%
341	16.454	16.435	16.482	VV	270781	5320404	38.43%	0.489%
342	16.488	16.482	16.510	VV	130494	2104006	15.20%	0.193%
343	16.526	16.510	16.531	VV	136734	1628358	11.76%	0.150%
344	16.534	16.531	16.548	VV	138774	1444732	10.43%	0.133%
345	16.553	16.548	16.568	VV	142357	1657798	11.97%	0.152%
346	16.573	16.568	16.587	VV	137365	1512150	10.92%	0.139%
347	16.593	16.587	16.600	VV	136901	981713	7.09%	0.090%
348	16.613	16.600	16.627	VV	138732	2108787	15.23%	0.194%
349	16.648	16.627	16.657	VV	157852	2611749	18.86%	0.240%
350	16.678	16.657	16.699	VV	189021	4258683	30.76%	0.391%
351	16.702	16.699	16.713	VV	146032	1217602	8.79%	0.112%

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352	16.737	16.713	16.771	VV	193089	5484459	39.61%	0.504%
353	16.791	16.771	16.798	VV	169872	2550425	18.30%	0.517%
354	16.828	16.798	16.850	VV	187579	5344249	38.61%	0.517%
355	16.858	16.850	16.890	VV	163703	3694389	26.61%	0.517%
356	16.894	16.890	16.899	VV	150334	774315	5.30%	0.576%
357	16.952	16.899	16.998	VV	354748	13259910	95.30%	0.576%
358	17.029	16.998	17.054	VV	231296	6271744	45.30%	0.576%
359	17.085	17.054	17.115	VV	221531	6639589	47.96%	0.610%
360	17.123	17.115	17.133	VV	171004	1884767	13.61%	0.173%
361	17.137	17.133	17.143	VV	169235	991123	7.16%	0.091%
362	17.174	17.143	17.185	VV	174317	4194809	30.30%	0.386%
363	17.191	17.185	17.200	VV	166848	1483148	10.71%	0.136%
364	17.204	17.200	17.210	VV	172311	981342	7.09%	0.090%
365	17.217	17.210	17.222	VV	162359	1209217	8.73%	0.111%
366	17.280	17.222	17.310	VV	284282	10740080	77.57%	0.987%
367	17.338	17.310	17.373	VV	274891	7614598	55.00%	0.700%
368	17.413	17.373	17.433	VV	348422	8830327	63.78%	0.812%
369	17.439	17.433	17.481	VV	223057	5623034	40.61%	0.517%
370	17.487	17.481	17.499	VV	173222	1836895	13.27%	0.169%
371	17.505	17.499	17.512	VV	173394	1283309	9.27%	0.118%
372	17.530	17.512	17.537	VV	181719	2693526	19.45%	0.248%
373	17.545	17.537	17.557	VV	186607	2159274	15.60%	0.198%
374	17.572	17.557	17.582	VV	188557	2688427	19.42%	0.247%
375	17.600	17.582	17.627	VV	190193	4900741	35.40%	0.450%
376	17.675	17.627	17.693	VV	210600	7466102	53.93%	0.686%
377	17.709	17.693	17.733	VV	217138	4783204	34.55%	0.440%
378	17.753	17.733	17.766	VV	214932	3959432	28.60%	0.364%
379	17.782	17.766	17.811	VV	216970	5495765	39.69%	0.505%
380	17.819	17.811	17.833	VV	205395	2532419	18.29%	0.233%
381	17.867	17.833	17.889	VV	255216	7541258	54.47%	0.693%
382	17.897	17.889	17.916	VV	195359	3019706	21.81%	0.278%
383	17.920	17.916	17.926	VV	197174	1155028	8.34%	0.106%
384	17.929	17.926	17.941	VV	199719	1723222	12.45%	0.158%
385	17.956	17.941	17.964	VV	192598	2568867	18.55%	0.236%
386	18.003	17.964	18.035	VV	224645	8386185	60.57%	0.771%
387	18.050	18.035	18.066	VV	193387	3445876	24.89%	0.317%
388	18.087	18.066	18.121	VV	209269	6294661	45.46%	0.579%
389	18.145	18.121	18.156	VV	207515	4192811	30.28%	0.385%
390	18.169	18.156	18.193	VV	212968	4323856	31.23%	0.397%
391	18.230	18.193	18.254	VV	234041	7620446	55.04%	0.700%
392	18.271	18.254	18.278	VV	212450	2915669	21.06%	0.268%
393	18.311	18.278	18.352	VV	360720	11282854	81.49%	1.037%
394	18.372	18.352	18.377	VV	208144	2910917	21.02%	0.268%
395	18.381	18.377	18.391	VV	205674	1689093	12.20%	0.155%
396	18.395	18.391	18.408	VV	207764	2107615	15.22%	0.194%
397	18.413	18.408	18.427	VV	201628	2152967	15.55%	0.198%
398	18.447	18.427	18.452	VV	214716	3128719	22.60%	0.288%
399	18.473	18.452	18.540	VV	307173	13235344	95.60%	1.217%
400	18.558	18.540	18.586	VV	219983	5889807	42.54%	0.541%
401	18.589	18.586	18.600	VV	209304	1803215	13.02%	0.166%
402	18.636	18.600	18.643	VV	256545	5791783	41.83%	0.532%
403	18.672	18.643	18.694	VV	354199	8836521	63.82%	0.812%
404	18.734	18.694	18.767	VV	373142	12417648	89.69%	1.141%

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Sl. No	Time	Area	Height	Conc	Area	Height	Conc	Conc
405	18.773	18.767	18.778	VV	223995	1544456	11.16%	0.142%
406	18.782	18.778	18.806	VV	224983	3562306	25.39%	0.312%
407	18.821	18.806	18.825	VV	231748	2548870	18.12%	0.222%
408	18.849	18.825	18.873	VV	331624	7963881	57.02%	0.706%
409	18.887	18.873	18.898	VV	269532	3815824	27.42%	0.341%
410	18.903	18.898	18.917	VV	244429	2658770	19.01%	0.237%
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411	18.923	18.917	18.954	VV	245649	5037623	36.39%	0.463%
412	18.992	18.954	19.015	VV	339157	9549112	68.97%	0.878%
413	19.042	19.015	19.058	VV	238560	5944190	42.93%	0.546%
414	19.076	19.058	19.101	VV	277449	6425419	46.41%	0.591%
415	19.151	19.101	19.181	VV	375976	13011196	93.98%	1.196%
416	19.188	19.181	19.196	VV	227647	2001001	14.45%	0.184%
417	19.200	19.196	19.210	VV	230601	1897773	13.71%	0.174%
418	19.218	19.210	19.236	VV	233135	3495146	25.24%	0.321%
419	19.241	19.236	19.246	VV	229830	1359356	9.82%	0.125%
420	19.277	19.246	19.302	VV	301007	8763257	63.29%	0.805%
421	19.318	19.302	19.349	VV	280895	7193627	51.96%	0.661%
422	19.357	19.349	19.362	VV	237268	1734469	12.53%	0.159%
423	19.365	19.362	19.372	VV	238307	1470114	10.62%	0.135%
424	19.376	19.372	19.386	VV	240341	1919105	13.86%	0.176%
425	19.389	19.386	19.396	VV	240053	1417236	10.24%	0.130%
426	19.402	19.396	19.412	VV	248071	2310000	16.68%	0.212%
427	19.442	19.412	19.449	VV	262271	5654800	40.84%	0.520%
428	19.453	19.449	19.458	VV	248950	1187110	8.57%	0.109%
429	19.479	19.458	19.498	VV	285023	6400743	46.23%	0.588%
430	19.522	19.498	19.549	VV	318753	9113621	65.83%	0.838%
431	19.553	19.549	19.587	VV	281216	5924410	42.79%	0.545%
432	19.603	19.587	19.622	VV	284040	5627089	40.64%	0.517%
433	19.626	19.622	19.637	VV	258645	2356044	17.02%	0.217%
434	19.675	19.637	19.682	VV	278330	6853114	49.50%	0.630%
435	19.689	19.682	19.693	VV	277489	1774056	12.81%	0.163%
436	19.705	19.693	19.718	VV	285514	4250352	30.70%	0.391%
437	19.735	19.718	19.767	VV	287302	7829353	56.55%	0.720%
438	19.773	19.767	19.779	VV	250015	1732206	12.51%	0.159%
439	19.803	19.779	19.832	VV	292927	8389181	60.59%	0.771%
440	19.855	19.832	19.861	VV	267060	4586778	33.13%	0.422%
441	19.870	19.861	19.893	VV	275048	5175755	37.38%	0.476%
442	19.898	19.893	19.911	VV	255511	2615068	18.89%	0.240%
443	19.938	19.911	19.966	VV	376505	10202653	73.69%	0.938%
444	19.984	19.966	20.000	VV	374830	6760641	48.83%	0.621%
445	20.012	20.000	20.048	VV	346512	8879050	64.13%	0.816%
446	20.085	20.048	20.101	VV	312913	9052269	65.38%	0.832%

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457	20.457	20.430	20.471	VV	299584	6982968	50.44%	0.642%
458	20.495	20.471	20.499	VV	298376	4973783	35.00%	0.642%
459	20.503	20.499	20.521	VV	300206	3790972	27.00%	0.642%
460	20.550	20.521	20.573	VV	351107	10183394	73.00%	0.642%
461	20.596	20.573	20.603	VV	346146	5848933	42.00%	0.276%
462	20.607	20.603	20.630	VV	332132	5096768	36.00%	0.276%
463	20.634	20.630	20.647	VV	309297	2998577	21.66%	0.276%
464	20.689	20.647	20.718	VV	387470	13845140	100.00%	1.273%
465	20.731	20.718	20.735	VV	289867	2822697	20.39%	0.259%
466	20.739	20.735	20.766	VV	289548	5258602	37.98%	0.483%
467	20.770	20.766	20.795	VV	292289	4849890	35.03%	0.446%
468	20.800	20.795	20.807	VV	258529	1816246	13.12%	0.167%
469	20.823	20.807	20.839	VV	267744	5131363	37.06%	0.472%
470	20.860	20.839	20.888	VV	281828	7980675	57.64%	0.734%
471	20.893	20.888	20.896	VV	268534	1223981	8.84%	0.113%
472	20.901	20.896	20.906	VV	276020	1623135	11.72%	0.149%
473	20.914	20.906	20.922	VV	268329	2558300	18.48%	0.235%
474	20.927	20.922	20.943	VV	273587	3155251	22.79%	0.290%
475	20.949	20.943	20.964	VV	260608	3239882	23.40%	0.298%
476	20.967	20.964	20.978	VV	246117	1937942	14.00%	0.178%
477	20.981	20.978	20.993	VV	251135	2299889	16.61%	0.211%
478	20.998	20.993	21.013	VV	243257	2767465	19.99%	0.254%
479	21.017	21.013	21.038	VV	243725	3400269	24.56%	0.313%
480	21.046	21.038	21.051	VV	232757	1817185	13.13%	0.167%
481	21.055	21.051	21.059	VV	238131	1204692	8.70%	0.111%
482	21.063	21.059	21.082	VV	237776	3179110	22.96%	0.292%
483	21.087	21.082	21.092	VV	226843	1292595	9.34%	0.119%
484	21.097	21.092	21.101	VV	226899	1227110	8.86%	0.113%
485	21.105	21.101	21.125	VV	228500	3123494	22.56%	0.287%
486	21.129	21.125	21.133	VV	222783	997340	7.20%	0.092%
487	21.142	21.133	21.148	VV	220291	1926676	13.92%	0.177%
488	21.152	21.148	21.157	VV	206778	1128762	8.15%	0.104%
489	21.170	21.157	21.175	VV	210635	2271944	16.41%	0.209%
490	21.187	21.175	21.192	VV	211738	2112850	15.26%	0.194%
491	21.199	21.192	21.204	VV	216945	1596118	11.53%	0.147%
492	21.216	21.204	21.230	VV	227093	3372870	24.36%	0.310%
493	21.235	21.230	21.268	VV	226495	5027859	36.31%	0.462%
494	21.271	21.268	21.294	VV	213824	3216820	23.23%	0.296%
495	21.298	21.294	21.334	VV	216439	4790806	34.60%	0.440%
496	21.340	21.334	21.350	VV	191085	1710459	12.35%	0.157%
497	21.357	21.350	21.420	VV	193542	7341611	53.03%	0.675%
498	21.430	21.420	21.437	VV	166537	1577951	11.40%	0.145%
499	21.441	21.437	21.453	VV	168622	1596538	11.53%	0.147%
500	21.487	21.453	21.528	VV	220115	8053172	58.17%	0.740%
501	21.545	21.528	21.566	VV	159137	3310128	23.91%	0.304%
502	21.571	21.566	21.577	VV	148923	980455	7.08%	0.090%
503	21.582	21.577	21.589	VV	144810	1018309	7.35%	0.094%
504	21.598	21.589	21.612	VV	143841	1952826	14.10%	0.179%
505	21.616	21.612	21.629	VV	146001	1350562	9.75%	0.124%
506	21.635	21.629	21.654	VV	139226	1956570	14.13%	0.180%
507	21.659	21.654	21.666	VV	141223	934297	6.75%	0.086%
508	21.675	21.666	21.691	VV	134778	1948082	14.07%	0.179%
509	21.697	21.691	21.708	VV	132418	1283690	9.27%	0.118%

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/19/2025

510	21.715	21.708	21.720	VV	134940	909881	6.57%	0.084%
511	21.722	21.720	21.732	VV	132228	870285		
512	21.742	21.732	21.756	VV	132976	1766023	12.81%	0.163%
513	21.761	21.756	21.766	VV	122326	720427	5.88%	0.077%
514	21.770	21.766	21.783	VV	122187	1090006	7.15%	0.091%
515	21.788	21.783	21.806	VV	107372	1351537	9.40%	0.122%
516	21.816	21.806	21.826	VV	101663	1173180	8.47%	0.108%
517	21.834	21.826	21.849	VV	101703	1322604	9.55%	0.122%
518	21.858	21.849	21.870	VV	96920	1208709	8.73%	0.111%
519	21.874	21.870	21.880	VV	98617	544596	3.93%	0.050%
520	21.886	21.880	21.914	VV	96400	1822792	13.17%	0.168%
521	21.931	21.914	21.942	VV	88121	1332477	9.62%	0.122%
522	21.945	21.942	21.953	VV	91770	573926	4.15%	0.053%
523	21.958	21.953	21.962	VV	93891	502665	3.63%	0.046%
524	21.967	21.962	21.982	VV	97440	989435	7.15%	0.091%
525	21.986	21.982	21.991	VV	75115	396600	2.86%	0.036%
526	21.996	21.991	22.002	VV	73896	454444	3.28%	0.042%
527	22.005	22.002	22.010	VV	74650	351297	2.54%	0.032%
528	22.014	22.010	22.018	VV	71928	326849	2.36%	0.030%
529	22.024	22.018	22.033	VV	71634	602519	4.35%	0.055%
530	22.046	22.033	22.079	VV	82227	2093354	15.12%	0.192%
531	22.084	22.079	22.089	VV	78990	437464	3.16%	0.040%
532	22.094	22.089	22.141	VV	75590	2064338	14.91%	0.190%
533	22.152	22.141	22.157	VV	62051	540625	3.90%	0.050%
534	22.161	22.157	22.182	VV	59878	721427	5.21%	0.066%
535	22.186	22.182	22.197	VV	40908	341888	2.47%	0.031%
536	22.210	22.197	22.228	VV	40228	687707	4.97%	0.063%
537	22.248	22.228	22.270	VV	46534	995896	7.19%	0.092%
538	22.284	22.270	22.370	VV	45498	1773802	12.81%	0.163%
539	22.376	22.370	22.387	VV	25125	153459	1.11%	0.014%
540	22.391	22.387	22.402	VV	19762	147407	1.06%	0.014%
541	22.405	22.402	22.410	VV	21885	77731	0.56%	0.007%
542	22.425	22.410	22.436	VV	23895	269973	1.95%	0.025%
543	22.440	22.436	22.464	VV	20768	206308	1.49%	0.019%

Sum of corrected areas: 1087938857

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2025
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