

rteres

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2025

Supervised By :mohammad ahmed 07/23/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07182
Data File : FG016340.D
Signal(s) : FID1A.ch
Acq On : 18 Jul 2025 14:52
Sample : Q2592-01MSD
Misc :
ALS Vial : 28 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	2.045	2.018	2.064	BV	1158	14298	0.09%	0.001%
2	2.074	2.064	2.083	VV	766	8148	0.05%	0.001%
3	2.117	2.083	2.183	VV	69419	1095674	6.70%	0.102%
4	2.191	2.183	2.213	VV	705	10539	0.06%	0.001%
5	2.223	2.213	2.250	VV	705	9653	0.06%	0.001%
6	2.269	2.250	2.285	PV	1852	24653	0.15%	0.002%
7	2.297	2.285	2.380	VV	8824	148691	0.91%	0.014%
8	2.405	2.380	2.433	VV	1146	18092	0.11%	0.002%
9	2.471	2.433	2.503	PV	2017	43371	0.27%	0.004%
10	2.530	2.503	2.550	VV	1230	27614	0.17%	0.003%
11	2.566	2.550	2.581	VV	1410	21587	0.13%	0.002%
12	2.590	2.581	2.610	VV	1179	13943	0.09%	0.001%
13	2.624	2.610	2.639	VV	675	8601	0.05%	0.001%
14	2.663	2.639	2.680	VV	1417	24977	0.15%	0.002%
15	2.701	2.680	2.787	VV	2257	49148	0.30%	0.005%
16	2.819	2.787	2.868	PV	3579	79531	0.49%	0.007%
17	2.891	2.868	2.910	VV	2416	41177	0.25%	0.004%
18	2.926	2.910	2.955	VV	1811	39484	0.24%	0.004%
19	2.971	2.955	2.989	VV	1628	26162	0.16%	0.002%
20	3.036	2.989	3.084	VV	292571	3538737	21.63%	0.329%
21	3.096	3.084	3.113	VV	4373	66837	0.41%	0.006%
22	3.135	3.113	3.180	VV	9553	205083	1.25%	0.019%
23	3.188	3.180	3.208	VV	2974	41487	0.25%	0.004%
24	3.246	3.208	3.307	VV	4034	126410	0.77%	0.012%
25	3.320	3.307	3.365	VV	6173	95966	0.59%	0.009%
26	3.393	3.365	3.415	VV	2561	57729	0.35%	0.005%
27	3.425	3.415	3.444	VV	2239	30754	0.19%	0.003%
28	3.452	3.444	3.463	VV	1534	15697	0.10%	0.001%
29	3.473	3.463	3.492	VV	1284	16303	0.10%	0.002%
30	3.525	3.492	3.547	VV	3999	60001	0.37%	0.006%
31	3.568	3.547	3.588	VV	2320	39131	0.24%	0.004%
32	3.610	3.588	3.615	VV	1587	20397	0.12%	0.002%
33	3.651	3.615	3.674	VV	3936	93313	0.57%	0.009%
34	3.685	3.674	3.710	VV	2675	48345	0.30%	0.004%
35	3.749	3.710	3.782	VV	24210	330599	2.02%	0.031%
36	3.794	3.782	3.815	VV	3044	46203	0.28%	0.004%

37	3.853	3.815	3.886	VV	7957	171622	1.05%	0.016%
38	3.900	3.886	3.935	VV	3385	86946		
39	3.946	3.935	3.965	VV	3108	42715		
40	3.996	3.965	4.063	VV	5813	156216		
41	4.101	4.063	4.131	VV	1621	46886		
42	4.135	4.131	4.176	VV	861	10897		
43	4.222	4.176	4.274	PV	25731	544540	3.33%	0.051%
44	4.302	4.274	4.314	VV	14551	266742	1.63%	0.025%
45	4.318	4.314	4.355	VV	13889	182703	1.12%	0.017%
46	4.386	4.355	4.417	VV	11646	260859	1.59%	0.024%
47	4.433	4.417	4.460	VV	9534	161711	0.99%	0.015%
48	4.471	4.460	4.490	VV	4658	75329	0.46%	0.007%
49	4.502	4.490	4.522	VV	4102	66294	0.41%	0.006%
50	4.541	4.522	4.546	VV	3298	44637	0.27%	0.004%
51	4.552	4.546	4.579	VV	3395	61732	0.38%	0.006%
52	4.590	4.579	4.606	VV	7455	92520	0.57%	0.009%
53	4.611	4.606	4.642	VV	5667	89532	0.55%	0.008%
54	4.670	4.642	4.705	VV	153919	1696107	10.37%	0.158%
55	4.713	4.705	4.728	VV	4778	61843	0.38%	0.006%
56	4.746	4.728	4.774	VV	5199	109837	0.67%	0.010%
57	4.792	4.774	4.815	VV	4002	81137	0.50%	0.008%
58	4.838	4.815	4.858	VV	11693	177693	1.09%	0.017%
59	4.868	4.858	4.893	VV	5747	97961	0.60%	0.009%
60	4.906	4.893	4.918	VV	3670	50775	0.31%	0.005%
61	4.928	4.918	4.940	VV	3744	46339	0.28%	0.004%
62	4.959	4.940	4.970	VV	5103	79539	0.49%	0.007%
63	4.983	4.970	5.003	VV	5140	88885	0.54%	0.008%
64	5.034	5.003	5.059	VV	70526	778559	4.76%	0.072%
65	5.073	5.059	5.110	VV	9705	149046	0.91%	0.014%
66	5.143	5.110	5.164	VV	4466	97151	0.59%	0.009%
67	5.188	5.164	5.210	VV	3104	69224	0.42%	0.006%
68	5.221	5.210	5.274	VV	1943	50888	0.31%	0.005%
69	5.330	5.274	5.371	VV	180844	1788404	10.93%	0.166%
70	5.387	5.371	5.393	VV	2957	28942	0.18%	0.003%
71	5.423	5.393	5.458	VV	11775	214407	1.31%	0.020%
72	5.465	5.458	5.473	VV	2648	22911	0.14%	0.002%
73	5.494	5.473	5.517	VV	6760	104416	0.64%	0.010%
74	5.526	5.517	5.546	VV	1581	21554	0.13%	0.002%
75	5.562	5.546	5.575	VV	1205	17574	0.11%	0.002%
76	5.592	5.575	5.602	VV	1985	22806	0.14%	0.002%
77	5.619	5.602	5.649	VV	9213	115080	0.70%	0.011%
78	5.661	5.649	5.679	VV	1752	22495	0.14%	0.002%
79	5.694	5.679	5.710	VV	2377	26392	0.16%	0.002%
80	5.727	5.710	5.751	VV	10443	109068	0.67%	0.010%
81	5.766	5.751	5.769	VV	1592	15804	0.10%	0.001%
82	5.779	5.769	5.793	VV	1801	22291	0.14%	0.002%
83	5.816	5.793	5.881	VV	17760	243759	1.49%	0.023%
84	5.926	5.881	5.960	VV	14346	238541	1.46%	0.022%
85	5.969	5.960	5.981	VV	2287	27188	0.17%	0.003%
86	6.015	5.981	6.035	VV	4472	101058	0.62%	0.009%
87	6.050	6.035	6.070	VV	6304	78934	0.48%	0.007%
88	6.086	6.070	6.105	VV	4031	55695	0.34%	0.005%
89	6.129	6.105	6.135	VV	3544	49023	0.30%	0.005%

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90	6.148	6.135	6.165	VV	5255	62863	0.38%	0.006%
91	6.181	6.165	6.215	VV	2071	34288		
92	6.247	6.215	6.315	VV	85975	1987894		
93	6.323	6.315	6.341	VV	11443	170928		
94	6.352	6.341	6.378	VV	11047	215355		
95	6.396	6.378	6.418	VV	17333	268103		
96	6.439	6.418	6.483	VV	19546	405554	2.48%	0.038%
97	6.496	6.483	6.531	VV	5654	111655	0.68%	0.010%
98	6.562	6.531	6.599	VV	7929	158274	0.97%	0.015%
99	6.624	6.599	6.671	VV	95757	1099654	6.72%	0.102%
100	6.696	6.671	6.728	VV	15993	282819	1.73%	0.026%
101	6.742	6.728	6.758	VV	7625	103827	0.63%	0.010%
102	6.771	6.758	6.808	VV	4609	107194	0.66%	0.010%
103	6.819	6.808	6.829	VV	3705	40668	0.25%	0.004%
104	6.854	6.829	6.906	VV	185914	1903182	11.63%	0.177%
105	6.931	6.906	6.958	VV	4962	82248	0.50%	0.008%
106	6.979	6.958	6.997	VV	6278	68808	0.42%	0.006%
107	7.012	6.997	7.034	VV	2819	44291	0.27%	0.004%
108	7.050	7.034	7.069	VV	2763	39283	0.24%	0.004%
109	7.081	7.069	7.099	VV	1326	14758	0.09%	0.001%
110	7.115	7.099	7.134	VV	1986	28545	0.17%	0.003%
111	7.143	7.134	7.163	VV	1781	17727	0.11%	0.002%
112	7.182	7.163	7.200	PV	3747	51981	0.32%	0.005%
113	7.214	7.200	7.234	VV	3113	40965	0.25%	0.004%
114	7.252	7.234	7.267	VV	3579	35197	0.22%	0.003%
115	7.277	7.267	7.289	VV	1133	11449	0.07%	0.001%
116	7.313	7.289	7.339	VV	27693	281971	1.72%	0.026%
117	7.373	7.339	7.429	VV	23598	659131	4.03%	0.061%
118	7.431	7.429	7.437	VV	6750	30591	0.19%	0.003%
119	7.452	7.437	7.462	VV	11414	140072	0.86%	0.013%
120	7.482	7.462	7.525	VV	63923	952215	5.82%	0.089%
121	7.530	7.525	7.591	VV	7856	209137	1.28%	0.019%
122	7.604	7.591	7.613	VV	2766	34746	0.21%	0.003%
123	7.637	7.613	7.656	VV	7231	119002	0.73%	0.011%
124	7.675	7.656	7.691	VV	6933	98788	0.60%	0.009%
125	7.704	7.691	7.729	VV	4420	76517	0.47%	0.007%
126	7.758	7.729	7.780	VV	4627	84172	0.51%	0.008%
127	7.807	7.780	7.825	VV	10464	135023	0.83%	0.013%
128	7.855	7.825	7.925	VV	17089	412246	2.52%	0.038%
129	7.946	7.925	7.971	VV	3369	60465	0.37%	0.006%
130	7.982	7.971	7.999	VV	2142	27049	0.17%	0.003%
131	8.020	7.999	8.066	VV	4993	84415	0.52%	0.008%
132	8.070	8.066	8.076	VV	827	4447	0.03%	0.000%
133	8.101	8.076	8.132	VV	11765	140195	0.86%	0.013%
134	8.175	8.132	8.210	PV	3221	69688	0.43%	0.006%
135	8.248	8.210	8.260	PV	15568	200475	1.23%	0.019%
136	8.273	8.260	8.292	VV	15484	172919	1.06%	0.016%
137	8.307	8.292	8.337	VV	3536	63999	0.39%	0.006%
138	8.349	8.337	8.367	VV	1305	17168	0.10%	0.002%
139	8.384	8.367	8.396	VV	1838	24298	0.15%	0.002%
140	8.426	8.396	8.447	VV	3615	70990	0.43%	0.007%
141	8.471	8.447	8.489	VV	2938	45766	0.28%	0.004%

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142	8.516	8.489	8.534	VV	5973	107495	0.66%	0.010%
143	8.540	8.534	8.566	VV	4248	69416	0.00%	0.000%
144	8.589	8.566	8.612	VV	8041	144755	0.00%	0.000%
145	8.625	8.612	8.643	VV	4670	63443	0.00%	0.000%
146	8.696	8.643	8.744	VV	173423	2114446	12.57%	0.039%
147	8.758	8.744	8.774	VV	12530	136991	0.00%	0.000%
148	8.814	8.774	8.893	VV	16363	420317	2.57%	0.039%
149	8.906	8.893	8.934	VV	3632	63829	0.39%	0.006%
150	8.948	8.934	8.968	VV	2590	37986	0.23%	0.004%
151	8.981	8.968	8.995	VV	1282	12846	0.08%	0.001%
152	9.011	8.995	9.026	PV	1606	14687	0.09%	0.001%
153	9.081	9.026	9.100	VV	11894	184461	1.13%	0.017%
154	9.112	9.100	9.129	VV	7839	91483	0.56%	0.009%
155	9.141	9.129	9.152	VV	3568	40801	0.25%	0.004%
156	9.171	9.152	9.205	VV	6252	131279	0.80%	0.012%
157	9.218	9.205	9.223	VV	3166	30917	0.19%	0.003%
158	9.241	9.223	9.274	VV	3674	77338	0.47%	0.007%
159	9.291	9.274	9.309	VV	5700	65636	0.40%	0.006%
160	9.332	9.309	9.343	VV	5969	84810	0.52%	0.008%
161	9.347	9.343	9.368	VV	5646	67387	0.41%	0.006%
162	9.388	9.368	9.417	VV	8912	139281	0.85%	0.013%
163	9.440	9.417	9.455	VV	5811	94693	0.58%	0.009%
164	9.467	9.455	9.495	VV	5898	76019	0.46%	0.007%
165	9.529	9.495	9.547	PV	9068	128771	0.79%	0.012%
166	9.562	9.547	9.591	VV	5713	94497	0.58%	0.009%
167	9.624	9.591	9.644	VV	3190	63756	0.39%	0.006%
168	9.655	9.644	9.670	VV	2190	25884	0.16%	0.002%
169	9.688	9.670	9.699	VV	4249	50833	0.31%	0.005%
170	9.715	9.699	9.739	VV	4488	85749	0.52%	0.008%
171	9.745	9.739	9.759	VV	2984	31261	0.19%	0.003%
172	9.769	9.759	9.786	VV	2767	31748	0.19%	0.003%
173	9.802	9.786	9.822	VV	3030	37899	0.23%	0.004%
174	9.827	9.822	9.845	VV	1506	11263	0.07%	0.001%
175	9.878	9.845	9.896	PV	34279	426582	2.61%	0.040%
176	9.910	9.896	9.947	VV	10692	196363	1.20%	0.018%
177	9.976	9.947	10.019	VV	12838	233170	1.43%	0.022%
178	10.034	10.019	10.042	VV	1561	14930	0.09%	0.001%
179	10.056	10.042	10.081	VV	2632	34081	0.21%	0.003%
180	10.132	10.081	10.140	PV	51035	507212	3.10%	0.047%
181	10.154	10.140	10.172	VV	113841	1287701	7.87%	0.120%
182	10.189	10.172	10.213	VV	70446	719689	4.40%	0.067%
183	10.236	10.213	10.257	VV	5869	98103	0.60%	0.009%
184	10.276	10.257	10.294	VV	16774	220754	1.35%	0.021%
185	10.317	10.294	10.353	VV	161818	1961007	11.98%	0.182%
186	10.357	10.353	10.368	VV	4930	34506	0.21%	0.003%
187	10.387	10.368	10.417	VV	10158	148930	0.91%	0.014%
188	10.428	10.417	10.440	VV	1258	10067	0.06%	0.001%
189	10.448	10.440	10.458	PV	1246	7036	0.04%	0.001%
190	10.472	10.458	10.488	VV	2822	27445	0.17%	0.003%
191	10.503	10.488	10.507	VV	2506	20176	0.12%	0.002%
192	10.521	10.507	10.540	VV	3767	52176	0.32%	0.005%
193	10.557	10.540	10.570	VV	1199	16625	0.10%	0.002%
194	10.596	10.570	10.612	PV	6244	69768	0.43%	0.006%

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195	10.658	10.612	10.674	PV	94981	1198280	7.32%	0.111%
196	10.686	10.674	10.730	VV	34245	672443		
197	10.739	10.730	10.753	VV	8459	97533		
198	10.768	10.753	10.785	VV	8484	130323		
199	10.801	10.785	10.807	VV	5873	64710		
200	10.811	10.807	10.817	VV	5345	30315		
201	10.855	10.817	10.877	VV	22721	455704	2.79%	0.042%
202	10.882	10.877	10.892	VV	8028	63843	0.39%	0.006%
203	10.916	10.892	10.938	VV	28723	383174	2.34%	0.036%
204	10.976	10.938	10.992	VV	46968	756499	4.62%	0.070%
205	11.004	10.992	11.020	VV	27969	365628	2.23%	0.034%
206	11.050	11.020	11.077	VV	30518	663554	4.06%	0.062%
207	11.116	11.077	11.127	VV	25546	489664	2.99%	0.046%
208	11.138	11.127	11.154	VV	25365	336852	2.06%	0.031%
209	11.175	11.154	11.189	VV	38528	542517	3.32%	0.050%
210	11.194	11.189	11.217	VV	28630	348462	2.13%	0.032%
211	11.239	11.217	11.261	VV	43863	592461	3.62%	0.055%
212	11.296	11.261	11.311	VV	34121	599590	3.66%	0.056%
213	11.330	11.311	11.349	VV	125507	1431311	8.75%	0.133%
214	11.356	11.349	11.380	VV	28961	398735	2.44%	0.037%
215	11.408	11.380	11.439	VV	55910	1009167	6.17%	0.094%
216	11.465	11.439	11.471	VV	14705	219917	1.34%	0.020%
217	11.477	11.471	11.492	VV	15813	154385	0.94%	0.014%
218	11.510	11.492	11.531	VV	18335	274497	1.68%	0.026%
219	11.590	11.531	11.606	VV	11669	372550	2.28%	0.035%
220	11.627	11.606	11.648	VV	25084	357330	2.18%	0.033%
221	11.678	11.648	11.696	VV	19975	391954	2.40%	0.036%
222	11.698	11.696	11.723	VV	16556	191958	1.17%	0.018%
223	11.736	11.723	11.747	VV	13138	163375	1.00%	0.015%
224	11.773	11.747	11.795	VV	175735	2325549	14.21%	0.216%
225	11.804	11.795	11.824	VV	40884	566572	3.46%	0.053%
226	11.830	11.824	11.836	VV	20545	149276	0.91%	0.014%
227	11.857	11.836	11.877	VV	40025	740623	4.53%	0.069%
228	11.889	11.877	11.919	VV	27519	562292	3.44%	0.052%
229	11.935	11.919	11.953	VV	20976	358030	2.19%	0.033%
230	11.990	11.953	12.015	VV	34558	927034	5.67%	0.086%
231	12.020	12.015	12.032	VV	25886	245414	1.50%	0.023%
232	12.049	12.032	12.079	VV	37261	744398	4.55%	0.069%
233	12.097	12.079	12.109	VV	18905	289084	1.77%	0.027%
234	12.142	12.109	12.151	VV	30193	626126	3.83%	0.058%
235	12.173	12.151	12.210	VV	48773	1274216	7.79%	0.119%
236	12.217	12.210	12.223	VV	26971	198920	1.22%	0.019%
237	12.261	12.223	12.272	VV	42549	967275	5.91%	0.090%
238	12.298	12.272	12.347	VV	58881	1835254	11.22%	0.171%
239	12.403	12.347	12.421	VV	35725	1405370	8.59%	0.131%
240	12.426	12.421	12.434	VV	33244	250184	1.53%	0.023%
241	12.453	12.434	12.472	VV	44310	896817	5.48%	0.083%
242	12.476	12.472	12.484	VV	40720	278067	1.70%	0.026%
243	12.503	12.484	12.523	VV	55708	1026272	6.27%	0.095%
244	12.547	12.523	12.562	VV	69862	1273658	7.78%	0.118%
245	12.564	12.562	12.569	VV	60880	239546	1.46%	0.022%
246	12.572	12.569	12.583	VV	61007	475470	2.91%	0.044%

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2025

Supervised By :mohammad ahmed 07/23/2025

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247	12.585	12.583	12.590	VV	53021	227533	1.39% 0.021%
248	12.620	12.590	12.643	VV	59829	1686718	10.6%
249	12.657	12.643	12.678	VV	58183	1070805	6.3%
250	12.729	12.678	12.775	VV	285259	6361245	38.2%
251	12.796	12.775	12.805	VV	51201	847116	5.4%
252	12.821	12.805	12.827	VV	54664	677032	4.2%
253	12.829	12.827	12.834	VV	55470	229081	1.40% 0.021%
254	12.849	12.834	12.870	VV	56933	1142320	6.98% 0.106%
255	12.890	12.870	12.910	VV	58195	1178127	7.20% 0.110%
256	12.957	12.910	12.972	VV	58626	1963133	12.00% 0.183%
257	12.978	12.972	12.982	VV	54649	327835	2.00% 0.030%
258	13.006	12.982	13.023	VV	73469	1597905	9.77% 0.149%
259	13.042	13.023	13.071	VV	70580	1918230	11.72% 0.178%
260	13.098	13.071	13.136	VV	221607	4438603	27.13% 0.413%
261	13.141	13.136	13.150	VV	66393	555607	3.40% 0.052%
262	13.175	13.150	13.196	VV	328188	4622226	28.25% 0.430%
263	13.213	13.196	13.234	VV	95756	1818470	11.11% 0.169%
264	13.241	13.234	13.248	VV	73827	592645	3.62% 0.055%
265	13.252	13.248	13.258	VV	73220	419982	2.57% 0.039%
266	13.272	13.258	13.287	VV	75398	1227175	7.50% 0.114%
267	13.303	13.287	13.320	VV	89779	1601091	9.79% 0.149%
268	13.324	13.320	13.330	VV	73191	435311	2.66% 0.040%
269	13.357	13.330	13.386	VV	100109	2650819	16.20% 0.247%
270	13.424	13.386	13.436	VV	100407	2394350	14.63% 0.223%
271	13.443	13.436	13.451	VV	84678	731114	4.47% 0.068%
272	13.478	13.451	13.520	VV	301553	5852159	35.77% 0.544%
273	13.531	13.520	13.544	VV	83429	1125812	6.88% 0.105%
274	13.562	13.544	13.594	VV	90193	2343177	14.32% 0.218%
275	13.629	13.594	13.643	VV	82031	2149686	13.14% 0.200%
276	13.653	13.643	13.659	VV	81900	736233	4.50% 0.068%
277	13.686	13.659	13.713	VV	95914	2649269	16.19% 0.246%
278	13.719	13.713	13.726	VV	78255	604334	3.69% 0.056%
279	13.768	13.726	13.792	VV	438568	9810315	59.96% 0.913%
280	13.802	13.792	13.824	VV	186926	3119035	19.06% 0.290%
281	13.832	13.824	13.866	VV	138840	2843131	17.38% 0.264%
282	13.882	13.866	13.912	VV	94885	2391284	14.61% 0.222%
283	13.967	13.912	13.999	VV	239593	6843276	41.82% 0.637%
284	14.017	13.999	14.024	VV	97210	1318105	8.06% 0.123%
285	14.030	14.024	14.055	VV	97562	1712514	10.47% 0.159%
286	14.072	14.055	14.133	VV	107491	4236334	25.89% 0.394%
287	14.151	14.133	14.158	VV	87082	1240082	7.58% 0.115%
288	14.179	14.158	14.194	VV	95381	1895663	11.59% 0.176%
289	14.218	14.194	14.241	VV	154974	3312366	20.24% 0.308%
290	14.259	14.241	14.284	VV	101616	2369082	14.48% 0.220%
291	14.309	14.284	14.338	VV	232221	4587207	28.03% 0.427%
292	14.353	14.338	14.377	VV	100847	2082580	12.73% 0.194%
293	14.390	14.377	14.399	VV	98190	1170925	7.16% 0.109%
294	14.421	14.399	14.446	VV	114784	2795803	17.09% 0.260%
295	14.466	14.446	14.487	VV	96601	2229957	13.63% 0.207%
296	14.492	14.487	14.497	VV	83025	486161	2.97% 0.045%
297	14.548	14.497	14.577	VV	97526	4132416	25.26% 0.384%
298	14.601	14.577	14.608	VV	94206	1565422	9.57% 0.146%
299	14.612	14.608	14.630	VV	93041	1150239	7.03% 0.107%

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711MSD

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/23/2025

							Instrument : FID_G	
							ClientSampleId : WC-SOIL-20250711MSD	
300	14.647	14.630	14.663	VV	85091	1645907	10.06%	0.153%
301	14.686	14.663	14.693	VV	95973	1601330		
302	14.711	14.693	14.715	VV	107617	1356080		
303	14.725	14.715	14.756	VV	110683	2485589	15.82%	0.171%
304	14.761	14.756	14.784	VV	95225	1532079	9.02%	0.137%
305	14.818	14.784	14.828	VV	110977	2627607	16.06%	0.059%
306	14.834	14.828	14.843	VV	99305	871441	5.33%	0.081%
307	14.846	14.843	14.850	VV	100493	440558	2.69%	0.041%
308	14.857	14.850	14.882	VV	104146	1836461	11.22%	0.171%
309	14.887	14.882	14.909	VV	97641	1475329	9.02%	0.137%
310	14.913	14.909	14.921	VV	89376	635567	3.88%	0.059%
311	14.926	14.921	14.939	VV	85845	888235	5.43%	0.083%
312	14.943	14.939	14.949	VV	87328	520193	3.18%	0.048%
313	14.998	14.949	15.019	VV	117809	4163760	25.45%	0.387%
314	15.023	15.019	15.029	VV	91547	538636	3.29%	0.050%
315	15.060	15.029	15.085	VV	133871	3615152	22.09%	0.336%
316	15.119	15.085	15.140	VV	127602	3578642	21.87%	0.333%
317	15.149	15.140	15.153	VV	91138	678700	4.15%	0.063%
318	15.184	15.153	15.196	VV	134121	2773468	16.95%	0.258%
319	15.219	15.196	15.259	VV	178768	5252733	32.10%	0.489%
320	15.266	15.259	15.308	VV	119732	3143706	19.21%	0.292%
321	15.327	15.308	15.335	VV	106848	1653292	10.10%	0.154%
322	15.378	15.335	15.399	VV	258262	6465412	39.51%	0.601%
323	15.421	15.399	15.453	VV	427641	7488913	45.77%	0.697%
324	15.458	15.453	15.472	VV	103113	1157366	7.07%	0.108%
325	15.476	15.472	15.483	VV	94691	598038	3.65%	0.056%
326	15.493	15.483	15.498	VV	98526	869449	5.31%	0.081%
327	15.518	15.498	15.526	VV	104592	1696298	10.37%	0.158%
328	15.537	15.526	15.557	VV	123723	2118057	12.94%	0.197%
329	15.564	15.557	15.573	VV	111662	1007156	6.16%	0.094%
330	15.612	15.573	15.644	VV	167648	5579100	34.10%	0.519%
331	15.680	15.644	15.710	VV	157443	5017390	30.66%	0.467%
332	15.733	15.710	15.759	VV	124005	3303805	20.19%	0.307%
333	15.807	15.759	15.844	VV	151309	6120679	37.41%	0.569%
334	15.848	15.844	15.860	VV	118272	1133250	6.93%	0.105%
335	15.865	15.860	15.872	VV	114419	777063	4.75%	0.072%
336	15.876	15.872	15.886	VV	111563	904357	5.53%	0.084%
337	15.907	15.886	15.923	VV	114638	2330191	14.24%	0.217%
338	15.975	15.923	16.011	VV	395842	9622499	58.81%	0.895%
339	16.020	16.011	16.028	VV	114635	1138043	6.96%	0.106%
340	16.062	16.028	16.068	VV	159396	3122058	19.08%	0.290%
341	16.085	16.068	16.119	VV	223281	4995696	30.53%	0.465%
342	16.138	16.119	16.154	VV	112896	2208414	13.50%	0.205%
343	16.173	16.154	16.185	VV	122120	2078448	12.70%	0.193%
344	16.189	16.185	16.198	VV	117508	918227	5.61%	0.085%
345	16.203	16.198	16.217	VV	121134	1335942	8.16%	0.124%
346	16.220	16.217	16.246	VV	120438	1949075	11.91%	0.181%
347	16.255	16.246	16.272	VV	112428	1641776	10.03%	0.153%
348	16.294	16.272	16.301	VV	118330	1947998	11.91%	0.181%
349	16.323	16.301	16.340	VV	142046	2964204	18.12%	0.276%
350	16.345	16.340	16.366	VV	138043	1986467	12.14%	0.185%
351	16.372	16.366	16.376	VV	117519	684876	4.19%	0.064%

Manual IntegrationsAPPROVED

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352	16.384	16.376	16.396	VV	113934	1351405	8.26%	0.126%
353	16.419	16.396	16.434	VV	136475	2735513	16.09%	0.126%
354	16.456	16.434	16.499	VV	246332	6343403	38.06%	0.126%
355	16.506	16.499	16.520	VV	121515	1456479	8.26%	0.126%
356	16.531	16.520	16.540	VV	131881	1572202	9.06%	0.319%
357	16.549	16.540	16.554	VV	130737	1032701	6.09%	0.319%
358	16.556	16.554	16.600	VV	130611	3429443	20.96%	0.319%
359	16.610	16.600	16.632	VV	127594	2305754	14.09%	0.214%
360	16.682	16.632	16.708	VV	184703	6869649	41.98%	0.639%
361	16.740	16.708	16.765	VV	185706	5221518	31.91%	0.486%
362	16.770	16.765	16.775	VV	141337	835674	5.11%	0.078%
363	16.832	16.775	16.871	VV	171209	8998206	54.99%	0.837%
364	16.881	16.871	16.903	VV	152429	2784415	17.02%	0.259%
365	16.959	16.903	17.009	VV	342919	13837341	84.57%	1.287%
366	17.032	17.009	17.063	VV	228431	5900603	36.06%	0.549%
367	17.090	17.063	17.115	VV	213870	5731367	35.03%	0.533%
368	17.126	17.115	17.165	VV	171369	4732126	28.92%	0.440%
369	17.179	17.165	17.190	VV	163747	2334857	14.27%	0.217%
370	17.201	17.190	17.206	VV	159356	1567168	9.58%	0.146%
371	17.211	17.206	17.215	VV	161432	869980	5.32%	0.081%
372	17.225	17.215	17.230	VV	161268	1427978	8.73%	0.133%
373	17.258	17.230	17.262	VV	195459	3474084	21.23%	0.323%
374	17.288	17.262	17.321	VV	285110	7436510	45.45%	0.692%
375	17.346	17.321	17.373	VV	280303	6487115	39.65%	0.603%
376	17.413	17.373	17.434	VV	339914	8659283	52.92%	0.806%
377	17.448	17.434	17.482	VV	227909	5557463	33.96%	0.517%
378	17.489	17.482	17.504	VV	172705	2167804	13.25%	0.202%
379	17.508	17.504	17.519	VV	162678	1471713	8.99%	0.137%
380	17.540	17.519	17.552	VV	175812	3404240	20.81%	0.317%
381	17.558	17.552	17.564	VV	183143	1225139	7.49%	0.114%
382	17.576	17.564	17.588	VV	178565	2532861	15.48%	0.236%
383	17.594	17.588	17.625	VV	184046	3935684	24.05%	0.366%
384	17.631	17.625	17.636	VV	171914	1151265	7.04%	0.107%
385	17.648	17.636	17.656	VV	189677	2128916	13.01%	0.198%
386	17.679	17.656	17.703	VV	202072	5224074	31.93%	0.486%
387	17.720	17.703	17.732	VV	207584	3392229	20.73%	0.316%
388	17.753	17.732	17.770	VV	213502	4541811	27.76%	0.422%
389	17.783	17.770	17.804	VV	204808	3920194	23.96%	0.365%
390	17.809	17.804	17.814	VV	192093	1127091	6.89%	0.105%
391	17.819	17.814	17.837	VV	187359	2567569	15.69%	0.239%
392	17.870	17.837	17.899	VV	264053	8010800	48.96%	0.745%
393	17.901	17.899	17.905	VV	184236	635170	3.88%	0.059%
394	17.920	17.905	17.938	VV	193357	3731668	22.81%	0.347%
395	17.946	17.938	17.950	VV	190513	1295298	7.92%	0.120%
396	17.955	17.950	17.972	VV	193982	2513516	15.36%	0.234%
397	17.977	17.972	17.981	VV	183565	995907	6.09%	0.093%
398	18.010	17.981	18.034	VV	221309	6226798	38.06%	0.579%
399	18.050	18.034	18.055	VV	187179	2245245	13.72%	0.209%
400	18.061	18.055	18.070	VV	191872	1691296	10.34%	0.157%
401	18.076	18.070	18.083	VV	189212	1475004	9.01%	0.137%
402	18.094	18.083	18.117	VV	204104	3840495	23.47%	0.357%
403	18.151	18.117	18.163	VV	212690	5354763	32.73%	0.498%
404	18.168	18.163	18.182	VV	202744	2231002	13.63%	0.208%

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WC-SOIL-20250711MSD

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405	18.185	18.182	18.203	VV	195266	2316967	14.16%	0.216%	
406	18.237	18.203	18.272	VV	231739	8589570	52.16%	0.216%	
407	18.313	18.272	18.355	VV	353129	12440868	76.16%	0.216%	
408	18.374	18.355	18.381	VV	202763	3072757	18.16%	0.216%	
409	18.390	18.381	18.400	VV	208420	2341025	14.16%	0.216%	
410	18.409	18.400	18.436	VV	208822	4238004	25.16%	0.216%	
411	18.479	18.436	18.498	VV	317740	9218918	56.34%	0.858%	
412	18.513	18.498	18.545	VV	269487	6811280	41.63%	0.634%	
413	18.559	18.545	18.570	VV	223370	3210384	19.62%	0.299%	
414	18.577	18.570	18.587	VV	223669	2092503	12.79%	0.195%	
415	18.596	18.587	18.607	VV	217754	2591377	15.84%	0.241%	
416	18.612	18.607	18.617	VV	214900	1246167	7.62%	0.116%	
417	18.672	18.617	18.703	VV	332262	13743209	83.99%	1.278%	
418	18.741	18.703	18.770	VV	378451	11867996	72.53%	1.104%	
419	18.783	18.770	18.801	VV	240246	4123080	25.20%	0.384%	
420	18.819	18.801	18.828	VV	235062	3634113	22.21%	0.338%	
421	18.849	18.828	18.880	VV	327344	8706866	53.21%	0.810%	
422	18.894	18.880	18.918	VV	259312	5621027	34.35%	0.523%	
423	18.925	18.918	18.955	VV	250832	5148765	31.47%	0.479%	
424	18.958	18.955	18.964	VV	212553	1033338	6.32%	0.096%	
425	19.002	18.964	19.027	VV	350774	10144081	62.00%	0.944%	
426	19.031	19.027	19.035	VV	229729	1046019	6.39%	0.097%	
427	19.044	19.035	19.051	VV	240691	2303814	14.08%	0.214%	
428	19.056	19.051	19.063	VV	235185	1609974	9.84%	0.150%	
429	19.084	19.063	19.101	VV	270611	5740477	35.08%	0.534%	
430	19.108	19.101	19.112	VV	233211	1495114	9.14%	0.139%	
431	19.153	19.112	19.183	VV	384689	12190585	74.50%	1.134%	
432	19.206	19.183	19.216	VV	236409	4358057	26.63%	0.405%	
433	19.223	19.216	19.231	VV	224193	2073922	12.67%	0.193%	
434	19.238	19.231	19.245	VV	235562	1957152	11.96%	0.182%	
435	19.276	19.245	19.306	VV	301108	9650577	58.98%	0.898%	
436	19.326	19.306	19.344	VV	288701	6066970	37.08%	0.564%	
437	19.349	19.344	19.356	VV	243345	1596876	9.76%	0.149%	
438	19.361	19.356	19.367	VV	240251	1610882	9.84%	0.150%	
439	19.378	19.367	19.384	VV	243482	2525127	15.43%	0.235%	
440	19.390	19.384	19.400	VV	246965	2166421	13.24%	0.202%	
441	19.432	19.400	19.440	VV	264780	6106538	37.32%	0.568%	
442	19.447	19.440	19.469	VV	260370	4360916	26.65%	0.406%	
443	19.491	19.469	19.505	VV	299784	5968080	36.47%	0.555%	
444	19.527	19.505	19.570	VV	324884	11629070	71.07%	1.082%	
445	19.584	19.570	19.591	VV	271219	3239067	19.80%	0.301%	
446	19.607	19.591	19.626	VV	295651	5778816	35.32%	0.538%	
447	19.631	19.626	19.650	VV	263175	3618230	22.11%	0.337%	
448	19.676	19.650	19.680	VV	282910	4716710	28.83%	0.439%	
449	19.690	19.680	19.695	VV	281729	2542308	15.54%	0.236%	
450	19.702	19.695	19.718	VV	287599	3850937	23.54%	0.358%	
451	19.739	19.718	19.768	VV	295856	8259552	50.48%	0.768%	
452	19.773	19.768	19.781	VV	252743	1964344	12.01%	0.183%	
453	19.811	19.781	19.830	VV	300842	7978808	48.76%	0.742%	
454	19.839	19.830	19.844	VV	275198	2216835	13.55%	0.206%	
455	19.848	19.844	19.855	VV	278906	1765550	10.79%	0.164%	
456	19.858	19.855	19.863	VV	276574	1343332	8.21%	0.125%	

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Supervised By :mohammad ahmed 07/23/2025

					riteres			
457	19.870	19.863	19.876	VV	275906	2154591	13.17%	0.200%
458	19.880	19.876	19.905	VV	273274	4587119	28.17%	0.200%
459	19.944	19.905	19.969	VV	392803	11898848	72.26%	0.200%
460	19.989	19.969	20.003	VV	370312	7114386	43.17%	0.200%
461	20.009	20.003	20.057	VV	361601	10088243	61.17%	0.178%
462	20.084	20.057	20.113	VV	319601	9892381	60.17%	0.178%
463	20.118	20.113	20.124	VV	287890	1914315	11.70%	0.178%
464	20.129	20.124	20.135	VV	280849	1714380	10.48%	0.159%
465	20.169	20.135	20.201	VV	324617	11888671	72.66%	1.106%
466	20.205	20.201	20.211	VV	300633	1655271	10.12%	0.154%
467	20.246	20.211	20.276	VV	339249	12175019	74.41%	1.133%
468	20.321	20.276	20.363	VV	370609	16362451	100.00%	1.522%
469	20.367	20.363	20.380	VV	292659	2881653	17.61%	0.268%
470	20.386	20.380	20.390	VV	296629	1859300	11.36%	0.173%
471	20.395	20.390	20.410	VV	300824	3516915	21.49%	0.327%
472	20.420	20.410	20.430	VV	295796	3431983	20.97%	0.319%
473	20.454	20.430	20.475	VV	299148	7668794	46.87%	0.713%
474	20.494	20.475	20.500	VV	309247	4465142	27.29%	0.415%
475	20.504	20.500	20.529	VV	306186	5241134	32.03%	0.488%
476	20.560	20.529	20.576	VV	372843	9602690	58.69%	0.893%
477	20.595	20.576	20.607	VV	352477	6233857	38.10%	0.580%
478	20.616	20.607	20.644	VV	339331	7309560	44.67%	0.680%
479	20.648	20.644	20.664	VV	315907	3626113	22.16%	0.337%
480	20.692	20.664	20.724	VV	413764	12464470	76.18%	1.159%
481	20.732	20.724	20.742	VV	301160	3126574	19.11%	0.291%
482	20.746	20.742	20.760	VV	290113	2965062	18.12%	0.276%
483	20.784	20.760	20.804	VV	308071	7661585	46.82%	0.713%
484	20.814	20.804	20.825	VV	279377	3449839	21.08%	0.321%
485	20.832	20.825	20.837	VV	281291	2025005	12.38%	0.188%
486	20.846	20.837	20.860	VV	284091	3736349	22.83%	0.348%
487	20.869	20.860	20.875	VV	291480	2451825	14.98%	0.228%
488	20.876	20.875	20.893	VV	289148	3034254	18.54%	0.282%
489	20.902	20.893	20.915	VV	274512	3507194	21.43%	0.326%
490	20.927	20.915	20.963	VV	285015	7878524	48.15%	0.733%
491	20.968	20.963	20.985	VV	262988	3348799	20.47%	0.312%
492	20.988	20.985	21.001	VV	253583	2530447	15.46%	0.235%
493	21.005	21.001	21.011	VV	256377	1419965	8.68%	0.132%
494	21.027	21.011	21.035	VV	254533	3612391	22.08%	0.336%
495	21.039	21.035	21.053	VV	236512	2459180	15.03%	0.229%
496	21.061	21.053	21.073	VV	247196	2925430	17.88%	0.272%
497	21.079	21.073	21.084	VV	245508	1512033	9.24%	0.141%
498	21.090	21.084	21.094	VV	246265	1335626	8.16%	0.124%
499	21.099	21.094	21.125	VV	243452	4397824	26.88%	0.409%
500	21.133	21.125	21.137	VV	231141	1616018	9.88%	0.150%
501	21.141	21.137	21.150	VV	228425	1646889	10.07%	0.153%
502	21.161	21.150	21.164	VV	220149	1911170	11.68%	0.178%
503	21.168	21.164	21.185	VV	225917	2680608	16.38%	0.249%
504	21.196	21.185	21.202	VV	227322	2153932	13.16%	0.200%
505	21.206	21.202	21.222	VV	231810	2733161	16.70%	0.254%
506	21.227	21.222	21.238	VV	226090	2078356	12.70%	0.193%
507	21.258	21.238	21.290	VV	229875	6837774	41.79%	0.636%
508	21.294	21.290	21.315	VV	220054	3248144	19.85%	0.302%
509	21.319	21.315	21.334	VV	205821	2270596	13.88%	0.211%

Instrument :
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510	21.337	21.334	21.347	VV	202965	1539423	9.41%	0.143%
511	21.354	21.347	21.365	VV	194877	2085379	12.08%	0.184%
512	21.374	21.365	21.383	VV	195608	1965790	12.08%	0.184%
513	21.390	21.383	21.405	VV	192154	2350653	14.09%	0.208%
514	21.408	21.405	21.419	VV	187550	1589347	9.41%	0.143%
515	21.441	21.419	21.457	VV	179311	3942152	24.09%	0.322%
516	21.494	21.457	21.534	VV	235213	8806940	53.82%	0.819%
517	21.545	21.534	21.551	VV	161063	1570530	9.60%	0.146%
518	21.555	21.551	21.584	VV	162854	2969677	18.15%	0.276%
519	21.588	21.584	21.594	VV	148486	849592	5.19%	0.079%
520	21.597	21.594	21.623	VV	151667	2530318	15.46%	0.235%
521	21.627	21.623	21.631	VV	143263	668474	4.09%	0.062%
522	21.636	21.631	21.649	VV	140030	1459462	8.92%	0.136%
523	21.652	21.649	21.673	VV	141185	1976942	12.08%	0.184%
524	21.677	21.673	21.700	VV	142254	2139357	13.07%	0.199%
525	21.716	21.700	21.730	VV	133521	2238138	13.68%	0.208%
526	21.745	21.730	21.769	VV	130931	2836514	17.34%	0.264%
527	21.774	21.769	21.788	VV	119496	1290134	7.88%	0.120%
528	21.794	21.788	21.810	VV	111876	1419302	8.67%	0.132%
529	21.813	21.810	21.835	VV	109771	1604508	9.81%	0.149%
530	21.839	21.835	21.874	VV	104069	2195979	13.42%	0.204%
531	21.875	21.874	21.885	VV	95071	628842	3.84%	0.058%
532	21.898	21.885	21.917	VV	94675	1676934	10.25%	0.156%
533	21.922	21.917	21.930	VV	89203	636543	3.89%	0.059%
534	21.932	21.930	21.938	VV	91354	436204	2.67%	0.041%
535	21.941	21.938	21.946	VV	85929	413798	2.53%	0.038%
536	21.957	21.946	21.962	VV	91722	837450	5.12%	0.078%
537	21.964	21.962	21.969	VV	92083	353659	2.16%	0.033%
538	21.972	21.969	22.005	VV	95003	1712013	10.46%	0.159%
539	22.009	22.005	22.033	VV	76421	1181084	7.22%	0.110%
540	22.038	22.033	22.043	VV	70356	412616	2.52%	0.038%
541	22.070	22.043	22.100	VV	82932	2607603	15.94%	0.243%
542	22.105	22.100	22.141	VV	83139	1781096	10.89%	0.166%
543	22.148	22.141	22.179	VV	59043	1108441	6.77%	0.103%
544	22.185	22.179	22.203	VV	48733	611873	3.74%	0.057%
545	22.209	22.203	22.230	VV	53251	657695	4.02%	0.061%
546	22.235	22.230	22.243	VV	37053	265203	1.62%	0.025%
547	22.252	22.243	22.270	VV	38737	561215	3.43%	0.052%
548	22.280	22.270	22.298	VV	41292	591001	3.61%	0.055%
549	22.304	22.298	22.325	VV	36577	495461	3.03%	0.046%
550	22.329	22.325	22.355	VV	33189	420286	2.57%	0.039%
551	22.358	22.355	22.370	VV	26438	146844	0.90%	0.014%
552	22.384	22.370	22.388	VV	18761	140159	0.86%	0.013%
553	22.391	22.388	22.396	VV	12966	42264	0.26%	0.004%
554	22.419	22.396	22.425	VV	13000	147186	0.90%	0.014%
555	22.429	22.425	22.450	VV	16211	118414	0.72%	0.011%
556	22.468	22.450	22.472	PV	6288	42751	0.26%	0.004%
Sum of corrected areas:					1075006980			

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