

rters

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04072
Data File : FG009545.D
Signal(s) : FID1A.ch
Acq On : 07 Apr 2022 18:24
Sample : N2301-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/08/2022
Supervised By :mohammad ahmed 04/12/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.998	2.033	BV	545063	4730415	0.82%	0.011%
2	2.051	2.033	2.095	VV	265576	4537784	0.79%	0.011%
3	2.115	2.095	2.139	VV	164331	2663262	0.46%	0.006%
4	2.159	2.139	2.200	VV	725445	9866226	1.71%	0.023%
5	2.225	2.200	2.259	VV	625451	8318526	1.45%	0.020%
6	2.275	2.259	2.280	VV	84723	765331	0.13%	0.002%
7	2.293	2.280	2.330	VV	122348	1890635	0.33%	0.004%
8	2.350	2.330	2.365	VV	82403	1067321	0.19%	0.003%
9	2.387	2.365	2.395	VV	60634	973489	0.17%	0.002%
10	2.411	2.395	2.427	VV	101475	1426374	0.25%	0.003%
11	2.450	2.427	2.479	VV	359245	5994914	1.04%	0.014%
12	2.500	2.479	2.510	VV	696191	8381631	1.46%	0.020%
13	2.518	2.510	2.535	VV	650522	8075256	1.40%	0.019%
14	2.554	2.535	2.571	VV	1576177	20368748	3.54%	0.048%
15	2.582	2.571	2.654	VV	703591	14506037	2.52%	0.034%
16	2.705	2.654	2.735	VV	916243	17233623	2.99%	0.040%
17	2.741	2.735	2.759	VV	114625	1244012	0.22%	0.003%
18	2.790	2.759	2.807	VV	456053	7284215	1.27%	0.017%
19	2.815	2.807	2.830	VV	246510	2894631	0.50%	0.007%
20	2.843	2.830	2.861	VV	206175	2745720	0.48%	0.006%
21	2.881	2.861	2.891	VV	258210	3554940	0.62%	0.008%
22	2.900	2.891	2.918	VV	253804	3456738	0.60%	0.008%
23	2.941	2.918	2.976	VV	629639	15655840	2.72%	0.037%
24	3.001	2.976	3.042	VV	569835	12615519	2.19%	0.030%
25	3.074	3.042	3.090	VV	997449	17102050	2.97%	0.040%
26	3.096	3.090	3.134	VV	720355	9575858	1.66%	0.022%
27	3.146	3.134	3.174	VV	97769	1525139	0.26%	0.004%
28	3.194	3.174	3.208	VV	215774	2651453	0.46%	0.006%
29	3.225	3.208	3.230	VV	277210	2770536	0.48%	0.007%
30	3.275	3.230	3.334	VV	1226371	30959422	5.38%	0.073%
31	3.355	3.334	3.358	PV	135254	1090855	0.19%	0.003%
32	3.379	3.358	3.391	VV	675310	8727683	1.52%	0.020%
33	3.402	3.391	3.422	VV	588386	8309949	1.44%	0.020%
34	3.465	3.422	3.487	VV	741411	18779493	3.26%	0.044%
35	3.496	3.487	3.507	VV	379973	4303999	0.75%	0.010%
36	3.534	3.507	3.566	VV	1386250	28995032	5.04%	0.068%

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37	3.597	3.566	3.618	VV	851379	17852842	3.10%	0.042%
38	3.648	3.618	3.688	VV	2614954	55998195		
39	3.719	3.688	3.748	VV	2009344	39265205		
40	3.765	3.748	3.789	VV	854789	14835592		
41	3.814	3.789	3.832	VV	2617483	31523130		
42	3.860	3.832	3.905	VV	1577232	41075563		
43	3.942	3.905	3.957	VV	1311737	25980278	4.51%	0.061%
44	3.968	3.957	3.985	VV	916064	12914205	2.24%	0.030%
45	4.003	3.985	4.019	VV	1156873	18434564	3.20%	0.043%
46	4.036	4.019	4.060	VV	1277910	20808462	3.62%	0.049%
47	4.083	4.060	4.087	VV	682741	8049423	1.40%	0.019%
48	4.102	4.087	4.106	VV	868349	9253584	1.61%	0.022%
49	4.122	4.106	4.132	VV	1098043	15477626	2.69%	0.036%
50	4.149	4.132	4.170	VV	1408231	24638219	4.28%	0.058%
51	4.187	4.170	4.222	VV	1105786	21375401	3.71%	0.050%
52	4.256	4.222	4.277	VV	1208699	21757860	3.78%	0.051%
53	4.296	4.277	4.307	VV	994909	15134789	2.63%	0.036%
54	4.313	4.307	4.367	VV	968815	29398927	5.11%	0.069%
55	4.382	4.367	4.396	VV	665395	9728929	1.69%	0.023%
56	4.415	4.396	4.464	VV	1163344	25679133	4.46%	0.060%
57	4.516	4.464	4.526	VV	1201088	28877412	5.02%	0.068%
58	4.551	4.526	4.592	VV	1710533	56107369	9.75%	0.132%
59	4.621	4.592	4.651	VV	3277563	69861320	12.14%	0.164%
60	4.673	4.651	4.711	VV	1742536	49452710	8.59%	0.116%
61	4.734	4.711	4.749	VV	1596326	29528412	5.13%	0.069%
62	4.773	4.749	4.800	VV	3170626	61292019	10.65%	0.144%
63	4.835	4.800	4.861	VV	2612252	58331755	10.13%	0.137%
64	4.881	4.861	4.893	VV	1243409	20078015	3.49%	0.047%
65	4.916	4.893	4.944	VV	1487404	32295192	5.61%	0.076%
66	4.979	4.944	5.027	VV	1961488	61414920	10.67%	0.144%
67	5.081	5.027	5.094	VV	2366356	60018562	10.43%	0.141%
68	5.103	5.094	5.120	VV	1995193	27116398	4.71%	0.064%
69	5.123	5.120	5.143	VV	1434683	15509155	2.69%	0.036%
70	5.169	5.143	5.176	VV	1037629	18185520	3.16%	0.043%
71	5.205	5.176	5.235	VV	1754590	51060000	8.87%	0.120%
72	5.260	5.235	5.277	VV	2100811	42870151	7.45%	0.101%
73	5.292	5.277	5.307	VV	1822966	29115007	5.06%	0.068%
74	5.322	5.307	5.347	VV	1637156	35601778	6.19%	0.084%
75	5.353	5.347	5.371	VV	1341743	17158175	2.98%	0.040%
76	5.380	5.371	5.393	VV	1072230	13539111	2.35%	0.032%
77	5.438	5.393	5.458	VV	3033672	80794792	14.04%	0.190%
78	5.479	5.458	5.512	VV	1559056	41755507	7.25%	0.098%
79	5.529	5.512	5.540	VV	1234708	18946345	3.29%	0.044%
80	5.598	5.540	5.625	VV	4694325	114936488	19.97%	0.270%
81	5.662	5.625	5.674	VV	1813281	49445458	8.59%	0.116%
82	5.705	5.674	5.744	VV	3390570	98942592	17.19%	0.232%
83	5.757	5.744	5.793	VV	1995503	50195382	8.72%	0.118%
84	5.821	5.793	5.848	VV	1957789	50959769	8.85%	0.120%
85	5.872	5.848	5.890	VV	2016011	37757074	6.56%	0.089%
86	5.921	5.890	5.945	VV	2578002	62808602	10.91%	0.147%
87	5.977	5.945	6.002	VV	2290494	66575952	11.57%	0.156%
88	6.015	6.002	6.036	VV	1925154	35215949	6.12%	0.083%
89	6.065	6.036	6.079	VV	1920222	44629413	7.75%	0.105%

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90	6.102	6.079	6.125	VV	2495402	57862171	10.05%	0.136%
91	6.154	6.125	6.169	VV	2553213	58721009	10.05%	0.136%
92	6.181	6.169	6.193	VV	2542560	34441031	10.05%	0.136%
93	6.207	6.193	6.226	VV	2552014	47747713	10.05%	0.136%
94	6.243	6.226	6.268	VV	2502101	56905675	10.05%	0.136%
95	6.291	6.268	6.311	VV	2644102	59802066	10.05%	0.136%
96	6.335	6.311	6.377	VV	3265230	107559007	18.69%	0.253%
97	6.384	6.377	6.410	VV	2329272	41977809	7.29%	0.099%
98	6.422	6.410	6.456	VV	1999104	51965365	9.03%	0.122%
99	6.494	6.456	6.504	VV	2145680	57227604	9.94%	0.134%
100	6.516	6.504	6.522	VV	2111591	22172005	3.85%	0.052%
101	6.573	6.522	6.587	VV	5239065	129552307	22.51%	0.304%
102	6.604	6.587	6.629	VV	4560992	89174769	15.49%	0.209%
103	6.635	6.629	6.648	VV	2456417	26892259	4.67%	0.063%
104	6.655	6.648	6.664	VV	2365961	23371767	4.06%	0.055%
105	6.691	6.664	6.713	VV	2700814	74384981	12.92%	0.175%
106	6.739	6.713	6.760	VV	3602064	83870922	14.57%	0.197%
107	6.771	6.760	6.785	VV	2690620	37695440	6.55%	0.088%
108	6.810	6.785	6.845	VV	3035149	95060021	16.52%	0.223%
109	6.874	6.845	6.896	VV	2786761	75552961	13.13%	0.177%
110	6.922	6.896	6.931	VV	3689925	64767608	11.25%	0.152%
111	6.940	6.931	6.958	VV	3570200	52209644	9.07%	0.123%
112	6.976	6.958	7.008	VV	3849679	96332239	16.74%	0.226%
113	7.031	7.008	7.067	VV	3546322	109255643	18.98%	0.257%
114	7.072	7.067	7.099	VV	2832152	50130104	8.71%	0.118%
115	7.130	7.099	7.160	VV	5373533	148718383	25.84%	0.349%
116	7.178	7.160	7.204	VV	4167828	95551326	16.60%	0.224%
117	7.223	7.204	7.256	VV	3823202	102874308	17.87%	0.242%
118	7.262	7.256	7.284	VV	2949473	47398925	8.23%	0.111%
119	7.312	7.284	7.335	VV	3145474	90948353	15.80%	0.214%
120	7.342	7.335	7.365	VV	2999542	51193139	8.89%	0.120%
121	7.386	7.365	7.407	VV	2910267	69706562	12.11%	0.164%
122	7.428	7.407	7.446	VV	2952157	68322362	11.87%	0.160%
123	7.474	7.446	7.491	VV	2999406	77763524	13.51%	0.183%
124	7.515	7.491	7.546	VV	3688269	112775457	19.59%	0.265%
125	7.562	7.546	7.586	VV	3389418	76515641	13.29%	0.180%
126	7.597	7.586	7.614	VV	2916983	47289685	8.22%	0.111%
127	7.631	7.614	7.653	VV	3058442	68496809	11.90%	0.161%
128	7.675	7.653	7.690	VV	3189276	68898773	11.97%	0.162%
129	7.694	7.690	7.708	VV	3041476	32382433	5.63%	0.076%
130	7.720	7.708	7.748	VV	3087404	71875292	12.49%	0.169%
131	7.766	7.748	7.799	VV	3047203	90339633	15.70%	0.212%
132	7.809	7.799	7.829	VV	3013361	52875441	9.19%	0.124%
133	7.841	7.829	7.858	VV	3006161	51634374	8.97%	0.121%
134	7.872	7.858	7.878	VV	2982704	36096757	6.27%	0.085%
135	7.906	7.878	7.919	VV	3131017	74516831	12.95%	0.175%
136	7.923	7.919	7.933	VV	3169521	27073113	4.70%	0.064%
137	7.944	7.933	7.954	VV	3210649	39962995	6.94%	0.094%
138	7.967	7.954	7.992	VV	3270141	73080766	12.70%	0.172%
139	8.061	7.992	8.069	VV	4095394	167905232	29.17%	0.394%
140	8.083	8.069	8.116	VV	4328490	118116627	20.52%	0.277%
141	8.120	8.116	8.153	VV	4152746	90209329	15.67%	0.212%

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142	8.161	8.153	8.177	VV	4015288	57971126	10.07%	0.136%
143	8.190	8.177	8.211	VV	3952936	80155417	13.86%	0.090%
144	8.217	8.211	8.251	VV	3882974	90068420	15.86%	0.052%
145	8.258	8.251	8.264	VV	3795731	29559041	5.24%	0.071%
146	8.272	8.264	8.288	VV	3748364	54613998	9.95%	0.134%
147	8.296	8.288	8.310	VV	3716702	49005413	8.85%	0.093%
148	8.320	8.310	8.328	VV	3791731	38140427	6.63%	0.090%
149	8.332	8.328	8.338	VV	3654513	22230271	3.86%	0.052%
150	8.344	8.338	8.352	VV	3672557	30175796	5.24%	0.071%
151	8.387	8.352	8.394	VV	3804993	93263825	16.20%	0.219%
152	8.401	8.394	8.422	VV	3806855	63487677	11.03%	0.149%
153	8.434	8.422	8.452	VV	3813526	67697868	11.76%	0.159%
154	8.461	8.452	8.478	VV	3807550	59913976	10.41%	0.141%
155	8.484	8.478	8.504	VV	3696583	57369345	9.97%	0.135%
156	8.511	8.504	8.531	VV	3660545	57287030	9.95%	0.134%
157	8.535	8.531	8.550	VV	3503958	39439499	6.85%	0.093%
158	8.557	8.550	8.567	VV	3408314	34082228	5.92%	0.080%
159	8.582	8.567	8.587	VV	3448638	41592383	7.23%	0.098%
160	8.594	8.587	8.602	VV	3472886	30827290	5.36%	0.072%
161	8.619	8.602	8.633	VV	3585929	64696523	11.24%	0.152%
162	8.645	8.633	8.662	VV	3604873	61364365	10.66%	0.144%
163	8.696	8.662	8.707	VV	3707328	99510478	17.29%	0.234%
164	8.794	8.707	8.810	VV	4762566	257817631	44.79%	0.605%
165	8.817	8.810	8.874	VV	4687657	169090783	29.38%	0.397%
166	8.878	8.874	8.890	VV	4076600	38413948	6.67%	0.090%
167	8.896	8.890	8.900	VV	4002441	23712105	4.12%	0.056%
168	8.925	8.900	8.934	VV	4032388	80975327	14.07%	0.190%
169	8.946	8.934	8.960	VV	4024317	62562351	10.87%	0.147%
170	8.976	8.960	8.986	VV	3979456	60016329	10.43%	0.141%
171	8.992	8.986	8.997	VV	3866619	25398080	4.41%	0.060%
172	9.006	8.997	9.011	VV	3920087	31361762	5.45%	0.074%
173	9.018	9.011	9.025	VV	3934687	32798204	5.70%	0.077%
174	9.048	9.025	9.052	VV	4000287	64610996	11.23%	0.152%
175	9.067	9.052	9.073	VV	4040102	48984363	8.51%	0.115%
176	9.086	9.073	9.106	VV	4159417	81833341	14.22%	0.192%
177	9.114	9.106	9.130	VV	4072283	58456007	10.16%	0.137%
178	9.135	9.130	9.140	VV	4040303	22712622	3.95%	0.053%
179	9.148	9.140	9.177	VV	4041376	88707231	15.41%	0.208%
180	9.186	9.177	9.192	VV	3901860	35194813	6.11%	0.083%
181	9.202	9.192	9.212	VV	3895804	46281209	8.04%	0.109%
182	9.219	9.212	9.242	VV	3854971	66791425	11.60%	0.157%
183	9.261	9.242	9.284	VV	3793247	95506677	16.59%	0.224%
184	9.291	9.284	9.297	VV	3731192	28766972	5.00%	0.068%
185	9.305	9.297	9.324	VV	3689256	57876980	10.06%	0.136%
186	9.340	9.324	9.353	VV	3836138	65360619	11.36%	0.153%
187	9.368	9.353	9.389	VV	3826295	81598788	14.18%	0.192%
188	9.400	9.389	9.418	VV	3828779	65188289	11.33%	0.153%
189	9.444	9.418	9.452	VV	3932153	80430416	13.97%	0.189%
190	9.458	9.452	9.466	VV	3933809	31359801	5.45%	0.074%
191	9.483	9.466	9.489	VV	3990545	55602355	9.66%	0.131%
192	9.515	9.489	9.521	VV	4213396	79453478	13.80%	0.187%
193	9.531	9.521	9.536	VV	4239652	36339264	6.31%	0.085%
194	9.543	9.536	9.582	VV	4276113	116310381	20.21%	0.273%

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195	9.585	9.582	9.590	VV	4110176	20211370	3.51%	0.047%
196	9.598	9.590	9.605	VV	4132064	35705475		
197	9.610	9.605	9.627	VV	4143845	54415055		
198	9.631	9.627	9.653	VV	4070007	61864612	10.00%	0.000%
199	9.659	9.653	9.669	VV	4006643	37671441	6.00%	0.000%
200	9.673	9.669	9.732	VV	3921460	141548384	24.00%	0.000%
201	9.738	9.732	9.744	VV	3602331	25062075	4.35%	0.059%
202	9.753	9.744	9.762	VV	3610697	39936602	6.94%	0.094%
203	9.767	9.762	9.771	VV	3614238	18269160	3.17%	0.043%
204	9.795	9.771	9.808	VV	3857243	83719875	14.55%	0.197%
205	9.820	9.808	9.825	VV	4004759	41119143	7.14%	0.097%
206	9.847	9.825	9.852	VV	4142663	64535161	11.21%	0.152%
207	9.856	9.852	9.871	VV	4110918	45643064	7.93%	0.107%
208	9.879	9.871	9.897	VV	4151355	63717489	11.07%	0.150%
209	9.905	9.897	9.911	VV	4121588	34024780	5.91%	0.080%
210	9.914	9.911	9.917	VV	4098669	16172605	2.81%	0.038%
211	9.921	9.917	9.931	VV	4100735	33436252	5.81%	0.078%
212	9.949	9.931	9.969	VV	4115826	91269517	15.86%	0.214%
213	9.983	9.969	9.999	VV	3942152	71007195	12.34%	0.167%
214	10.010	9.999	10.029	VV	3851439	66785579	11.60%	0.157%
215	10.044	10.029	10.056	VV	3807949	62213282	10.81%	0.146%
216	10.069	10.056	10.075	VV	3764829	41520921	7.21%	0.097%
217	10.085	10.075	10.094	VV	3781852	41776426	7.26%	0.098%
218	10.099	10.094	10.119	VV	3790514	56244872	9.77%	0.132%
219	10.128	10.119	10.140	VV	3744866	47870529	8.32%	0.112%
220	10.147	10.140	10.154	VV	3668190	29583137	5.14%	0.069%
221	10.172	10.154	10.186	VV	3697424	71494571	12.42%	0.168%
222	10.192	10.186	10.199	VV	3712169	27343878	4.75%	0.064%
223	10.296	10.199	10.341	VV	5010435	386251923	67.11%	0.907%
224	10.345	10.341	10.377	VV	4542895	96295356	16.73%	0.226%
225	10.383	10.377	10.401	VV	4554241	64493115	11.20%	0.151%
226	10.408	10.401	10.434	VV	4455745	86157395	14.97%	0.202%
227	10.440	10.434	10.446	VV	4436826	31358327	5.45%	0.074%
228	10.452	10.446	10.467	VV	4430874	55621225	9.66%	0.131%
229	10.470	10.467	10.491	VV	4296302	61709776	10.72%	0.145%
230	10.504	10.491	10.510	VV	4348558	48366283	8.40%	0.114%
231	10.515	10.510	10.519	VV	4264218	22171612	3.85%	0.052%
232	10.534	10.519	10.544	VV	4357200	62881206	10.92%	0.148%
233	10.552	10.544	10.562	VV	4329827	47238278	8.21%	0.111%
234	10.581	10.562	10.590	VV	4375599	72840764	12.66%	0.171%
235	10.597	10.590	10.604	VV	4369791	35015697	6.08%	0.082%
236	10.609	10.604	10.618	VV	4381543	38524172	6.69%	0.090%
237	10.624	10.618	10.632	VV	4378880	35629779	6.19%	0.084%
238	10.722	10.632	10.814	VV	6252450	575585558	100.00%	1.351%
239	10.822	10.814	10.836	VV	4393216	56664580	9.84%	0.133%
240	10.854	10.836	10.861	VV	4474600	67708201	11.76%	0.159%
241	10.888	10.861	10.891	VV	4500653	80655599	14.01%	0.189%
242	10.902	10.891	10.914	VV	4551922	60334633	10.48%	0.142%
243	10.919	10.914	10.930	VV	4544722	43350518	7.53%	0.102%
244	10.935	10.930	10.944	VV	4513187	36895141	6.41%	0.087%
245	10.948	10.944	10.954	VV	4452081	28257624	4.91%	0.066%
246	10.962	10.954	10.981	VV	4476878	69825357	12.13%	0.164%

Instrument :

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WC-14A-1A-4-GR-13

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2022

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				rteres				
247	10.989	10.981	11.000	VV	4511989	51239201	8.90%	0.120%
248	11.014	11.000	11.028	VV	4552057	75857598	13.90%	0.120%
249	11.035	11.028	11.036	VV	4430671	20868589	3.90%	0.120%
250	11.044	11.036	11.062	VV	4458228	66183170	13.90%	0.120%
251	11.067	11.062	11.090	VV	4323654	73498231	12.81%	0.160%
252	11.097	11.090	11.115	VV	4294135	62367996	10.81%	0.160%
253	11.124	11.115	11.142	VV	4253333	67975138	11.81%	0.160%
254	11.153	11.142	11.165	VV	4311032	59796587	10.39%	0.140%
255	11.169	11.165	11.174	VV	4331704	21838318	3.79%	0.051%
256	11.179	11.174	11.188	VV	4375362	35779748	6.22%	0.084%
257	11.194	11.188	11.200	VV	4345100	31809758	5.53%	0.075%
258	11.209	11.200	11.224	VV	4390767	61860953	10.75%	0.145%
259	11.229	11.224	11.237	VV	4413090	35842736	6.23%	0.084%
260	11.246	11.237	11.251	VV	4412088	36833059	6.40%	0.086%
261	11.258	11.251	11.264	VV	4444824	34239466	5.95%	0.080%
262	11.273	11.264	11.277	VV	4524319	33491597	5.82%	0.079%
263	11.283	11.277	11.297	VV	4527612	54779517	9.52%	0.129%
264	11.304	11.297	11.309	VV	4567774	31221055	5.42%	0.073%
265	11.318	11.309	11.338	VV	4560735	80216734	13.94%	0.188%
266	11.344	11.338	11.363	VV	4585087	68144567	11.84%	0.160%
267	11.440	11.363	11.445	VV	5702313	251501566	43.69%	0.590%
268	11.452	11.445	11.467	VV	5749886	73661625	12.80%	0.173%
269	11.471	11.467	11.519	VV	5481736	154600207	26.86%	0.363%
270	11.524	11.519	11.567	VV	4633746	128899108	22.39%	0.303%
271	11.579	11.567	11.587	VV	4446525	52553881	9.13%	0.123%
272	11.623	11.587	11.627	VV	4573236	107669927	18.71%	0.253%
273	11.633	11.627	11.642	VV	4581946	40452657	7.03%	0.095%
274	11.650	11.642	11.662	VV	4670714	56062255	9.74%	0.132%
275	11.668	11.662	11.674	VV	4563975	31378036	5.45%	0.074%
276	11.683	11.674	11.707	VV	4595916	89212073	15.50%	0.209%
277	11.719	11.707	11.733	VV	4501251	69416120	12.06%	0.163%
278	11.742	11.733	11.752	VV	4412721	49972975	8.68%	0.117%
279	11.763	11.752	11.772	VV	4421820	52754793	9.17%	0.124%
280	11.777	11.772	11.784	VV	4394366	30500789	5.30%	0.072%
281	11.788	11.784	11.795	VV	4473995	30286737	5.26%	0.071%
282	11.807	11.795	11.812	VV	4549598	43995570	7.64%	0.103%
283	11.821	11.812	11.826	VV	4577129	39875795	6.93%	0.094%
284	11.835	11.826	11.842	VV	4606545	43181143	7.50%	0.101%
285	11.865	11.842	11.882	VV	4802993	110946456	19.28%	0.260%
286	11.892	11.882	11.905	VV	4733784	66370958	11.53%	0.156%
287	11.911	11.905	11.939	VV	4759735	93325666	16.21%	0.219%
288	11.964	11.939	11.970	VV	4712618	88060757	15.30%	0.207%
289	11.981	11.970	11.986	VV	4799113	44596164	7.75%	0.105%
290	11.997	11.986	12.006	VV	4882844	58474158	10.16%	0.137%
291	12.012	12.006	12.035	VV	4913632	83237665	14.46%	0.195%
292	12.046	12.035	12.086	VV	4765841	138545569	24.07%	0.325%
293	12.090	12.086	12.095	VV	4466243	22934345	3.98%	0.054%
294	12.115	12.095	12.121	VV	4541055	70442414	12.24%	0.165%
295	12.124	12.121	12.130	VV	4485247	25184480	4.38%	0.059%
296	12.141	12.130	12.155	VV	4561313	67327165	11.70%	0.158%
297	12.167	12.155	12.182	VV	4490998	70777882	12.30%	0.166%
298	12.198	12.182	12.207	VV	4479292	65812888	11.43%	0.155%
299	12.223	12.207	12.252	VV	4466542	120048497	20.86%	0.282%

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WC-14A-1A-4-GR-13

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300	12.258	12.252	12.264	VV	4488753	30766931	5.35%	0.072%
301	12.270	12.264	12.277	VV	4507651	35478171		
302	12.286	12.277	12.297	VV	4503380	52153839		
303	12.301	12.297	12.307	VV	4498587	28817282		
304	12.314	12.307	12.335	VV	4513752	73851955		
305	12.341	12.335	12.362	VV	4437833	70302225		
306	12.387	12.362	12.400	VV	4411975	100862370	17.52%	0.237%
307	12.409	12.400	12.417	VV	4420008	43879502	7.62%	0.103%
308	12.422	12.417	12.427	VV	4414391	26240094	4.56%	0.062%
309	12.440	12.427	12.454	VV	4493231	70184761	12.19%	0.165%
310	12.470	12.454	12.479	VV	4481017	66391389	11.53%	0.156%
311	12.497	12.479	12.508	VV	4490855	76485700	13.29%	0.180%
312	12.526	12.508	12.538	VV	4497418	81216606	14.11%	0.191%
313	12.553	12.538	12.563	VV	4619801	67711893	11.76%	0.159%
314	12.577	12.563	12.588	VV	4718483	70239754	12.20%	0.165%
315	12.610	12.588	12.617	VV	4754429	80687285	14.02%	0.189%
316	12.627	12.617	12.632	VV	4770507	42218012	7.33%	0.099%
317	12.654	12.632	12.661	VV	4870371	83934256	14.58%	0.197%
318	12.669	12.661	12.690	VV	4856555	83390026	14.49%	0.196%
319	12.694	12.690	12.707	VV	4768259	47095357	8.18%	0.111%
320	12.712	12.707	12.723	VV	4645442	44710935	7.77%	0.105%
321	12.730	12.723	12.749	VV	4586082	68656804	11.93%	0.161%
322	12.762	12.749	12.770	VV	4547210	58354765	10.14%	0.137%
323	12.785	12.770	12.792	VV	4555694	58224550	10.12%	0.137%
324	12.802	12.792	12.823	VV	4494683	82930881	14.41%	0.195%
325	12.829	12.823	12.840	VV	4462572	45029557	7.82%	0.106%
326	12.860	12.840	12.877	VV	4397003	93223555	16.20%	0.219%
327	12.884	12.877	12.898	VV	4293375	53965506	9.38%	0.127%
328	12.912	12.898	12.918	VV	4333124	51833210	9.01%	0.122%
329	12.923	12.918	12.937	VV	4319116	50359739	8.75%	0.118%
330	12.954	12.937	12.968	VV	4413244	79722752	13.85%	0.187%
331	12.974	12.968	12.992	VV	4345561	61853450	10.75%	0.145%
332	13.001	12.992	13.011	VV	4345466	49647168	8.63%	0.117%
333	13.028	13.011	13.038	VV	4434978	70186067	12.19%	0.165%
334	13.056	13.038	13.073	VV	4415716	89512022	15.55%	0.210%
335	13.078	13.073	13.080	VV	4324975	19355456	3.36%	0.045%
336	13.119	13.080	13.124	VV	4448492	116325760	20.21%	0.273%
337	13.132	13.124	13.136	VV	4507750	32043169	5.57%	0.075%
338	13.173	13.136	13.184	VV	4810642	134594160	23.38%	0.316%
339	13.189	13.184	13.208	VV	4814067	67542510	11.73%	0.159%
340	13.215	13.208	13.231	VV	4692671	62906244	10.93%	0.148%
341	13.236	13.231	13.241	VV	4469289	26672345	4.63%	0.063%
342	13.251	13.241	13.263	VV	4569034	58602093	10.18%	0.138%
343	13.277	13.263	13.290	VV	4410746	69452782	12.07%	0.163%
344	13.294	13.290	13.302	VV	4357951	32486843	5.64%	0.076%
345	13.321	13.302	13.339	VV	4408302	95750027	16.64%	0.225%
346	13.356	13.339	13.384	VV	4539887	120317921	20.90%	0.282%
347	13.391	13.384	13.396	VV	4523153	32591127	5.66%	0.077%
348	13.402	13.396	13.409	VV	4544167	34784712	6.04%	0.082%
349	13.424	13.409	13.437	VV	4593067	76799450	13.34%	0.180%
350	13.443	13.437	13.448	VV	4435530	29778634	5.17%	0.070%
351	13.456	13.448	13.465	VV	4541963	44705959	7.77%	0.105%

Instrument :

FID_G

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WC-14A-1A-4-GR-13

5.35% 0.072%

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				rteres				
352	13.476	13.465	13.484	VV	4532050	49765883	8.65%	0.117%
353	13.502	13.484	13.508	VV	4642112	68533182	11.19%	0.138%
354	13.518	13.508	13.532	VV	4772434	66570116	11.19%	0.138%
355	13.545	13.532	13.559	VV	4720699	74244701	12.19%	0.159%
356	13.563	13.559	13.590	VV	4646538	86097487	14.62%	0.197%
357	13.607	13.590	13.616	VV	4662808	72475018	12.19%	0.159%
358	13.621	13.616	13.626	VV	4598857	27714377	4.81%	0.065%
359	13.632	13.626	13.654	VV	4664573	74794701	12.99%	0.176%
360	13.670	13.654	13.675	VV	4515619	56412864	9.80%	0.132%
361	13.681	13.675	13.690	VV	4524800	40990811	7.12%	0.096%
362	13.704	13.690	13.711	VV	4597531	58641640	10.19%	0.138%
363	13.717	13.711	13.720	VV	4562698	23828229	4.14%	0.056%
364	13.732	13.720	13.737	VV	4728450	46921179	8.15%	0.110%
365	13.743	13.737	13.750	VV	4697433	34873314	6.06%	0.082%
366	13.760	13.750	13.767	VV	4810566	50697462	8.81%	0.119%
367	13.774	13.767	13.785	VV	4825958	50298217	8.74%	0.118%
368	13.790	13.785	13.803	VV	4829131	52491057	9.12%	0.123%
369	13.810	13.803	13.825	VV	4842052	63147099	10.97%	0.148%
370	13.835	13.825	13.855	VV	4822573	84122024	14.62%	0.197%
371	13.875	13.855	13.884	VV	4688315	79858180	13.87%	0.187%
372	13.892	13.884	13.908	VV	4717336	66707641	11.59%	0.157%
373	13.927	13.908	13.940	VV	4759596	89419171	15.54%	0.210%
374	13.951	13.940	13.957	VV	4795290	48312832	8.39%	0.113%
375	13.961	13.957	13.973	VV	4805745	47096218	8.18%	0.111%
376	13.988	13.973	14.003	VV	4858525	85584352	14.87%	0.201%
377	14.011	14.003	14.028	VV	4803643	70898581	12.32%	0.166%
378	14.035	14.028	14.057	VV	4858771	84214835	14.63%	0.198%
379	14.100	14.057	14.106	VV	5045250	142362529	24.73%	0.334%
380	14.128	14.106	14.140	VV	5242933	103747269	18.02%	0.244%
381	14.155	14.140	14.193	VV	5121878	159134515	27.65%	0.374%
382	14.201	14.193	14.210	VV	4940233	49925339	8.67%	0.117%
383	14.216	14.210	14.225	VV	4989245	43970565	7.64%	0.103%
384	14.242	14.225	14.248	VV	4911781	66140856	11.49%	0.155%
385	14.281	14.248	14.295	VV	5101003	143140520	24.87%	0.336%
386	14.308	14.295	14.322	VV	5193962	78794815	13.69%	0.185%
387	14.327	14.322	14.338	VV	4968811	48591716	8.44%	0.114%
388	14.353	14.338	14.360	VV	5043740	64287763	11.17%	0.151%
389	14.368	14.360	14.391	VV	5050185	93386726	16.22%	0.219%
390	14.412	14.391	14.428	VV	5134785	112112147	19.48%	0.263%
391	14.441	14.428	14.448	VV	5062694	57998900	10.08%	0.136%
392	14.453	14.448	14.456	VV	4987556	24884154	4.32%	0.058%
393	14.459	14.456	14.467	VV	4976754	31918282	5.55%	0.075%
394	14.473	14.467	14.482	VV	5055907	45854424	7.97%	0.108%
395	14.504	14.482	14.514	VV	5146819	96850521	16.83%	0.227%
396	14.554	14.514	14.561	VV	5454079	145550036	25.29%	0.342%
397	14.589	14.561	14.610	VV	5674564	165507854	28.75%	0.389%
398	14.618	14.610	14.672	VV	5535840	197811767	34.37%	0.464%
399	14.685	14.672	14.697	VV	5375542	78601649	13.66%	0.185%
400	14.714	14.697	14.724	VV	5586416	89685737	15.58%	0.211%
401	14.731	14.724	14.736	VV	5521980	36655421	6.37%	0.086%
402	14.745	14.736	14.762	VV	5573489	85398399	14.84%	0.200%
403	14.767	14.762	14.774	VV	5533010	38498390	6.69%	0.090%
404	14.779	14.774	14.789	VV	5422567	49356490	8.58%	0.116%

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WC-14A-1A-4-GR-13

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405	14.793	14.789	14.801	VV	5397861	39065289	6.79%	0.092%
406	14.812	14.801	14.821	VV	5362584	62901530	10.75%	0.104%
407	14.828	14.821	14.834	VV	5357666	43445507	7.75%	0.087%
408	14.844	14.834	14.867	VV	5365135	105923806	18.42%	0.174%
409	14.873	14.867	14.875	VV	5364119	25642835	4.06%	0.243%
410	14.882	14.875	14.887	VV	5430064	37641682	6.06%	0.102%
411	14.896	14.887	14.900	VV	5509874	43471557	7.55%	0.104%
412	14.908	14.900	14.914	VV	5480561	44469196	7.73%	0.087%
413	14.919	14.914	14.925	VV	5477674	37241040	6.47%	0.174%
414	14.928	14.925	14.948	VV	5508805	74046591	12.86%	0.243%
415	14.960	14.948	14.980	VV	5458331	103301618	17.95%	0.144%
416	14.992	14.980	14.999	VV	5471286	61258011	10.64%	0.075%
417	15.004	14.999	15.009	VV	5437161	31991175	5.56%	0.193%
418	15.026	15.009	15.033	VV	5655320	82129038	14.27%	0.109%
419	15.041	15.033	15.047	VV	5686611	46372379	8.06%	0.340%
420	15.083	15.047	15.089	VV	5913731	144723544	25.14%	0.054%
421	15.093	15.089	15.095	VV	5813563	22977263	3.99%	0.125%
422	15.101	15.095	15.111	VV	5817405	53074940	9.22%	0.221%
423	15.133	15.111	15.138	VV	5916057	94301993	16.38%	0.129%
424	15.145	15.138	15.153	VV	6008708	54929897	9.54%	0.172%
425	15.168	15.153	15.174	VV	6117090	73179740	12.71%	0.154%
426	15.178	15.174	15.192	VV	6128018	65426716	11.37%	0.094%
427	15.197	15.192	15.204	VV	5844161	40165500	6.98%	0.147%
428	15.214	15.204	15.222	VV	5881803	62598665	10.88%	0.084%
429	15.227	15.222	15.232	VV	5810358	35735161	6.21%	0.108%
430	15.239	15.232	15.245	VV	6010056	46020018	8.00%	0.080%
431	15.251	15.245	15.255	VV	5959977	34168167	5.94%	0.203%
432	15.270	15.255	15.278	VV	6144092	86489815	15.03%	0.071%
433	15.285	15.278	15.287	VV	6139893	30110077	5.23%	0.153%
434	15.292	15.287	15.304	VV	6161849	65247051	11.34%	0.150%
435	15.310	15.304	15.322	VV	6086434	63946304	11.11%	0.209%
436	15.340	15.322	15.347	VV	6089678	89100592	15.48%	0.209%
437	15.359	15.347	15.372	VV	6133645	89076618	15.48%	0.212%
438	15.382	15.372	15.397	VV	6143616	90260959	15.68%	0.196%
439	15.410	15.397	15.420	VV	6026718	83632520	14.53%	0.157%
440	15.432	15.420	15.439	VV	6050808	67020099	11.64%	0.209%
441	15.458	15.439	15.463	VV	6253852	88885416	15.44%	0.065%
442	15.466	15.463	15.470	VV	6167818	27755268	4.82%	0.316%
443	15.477	15.470	15.507	VV	6253842	134444506	23.36%	0.276%
444	15.519	15.507	15.539	VV	6297814	117532528	20.42%	0.513%
445	15.586	15.539	15.594	VV	7012265	218649632	37.99%	0.506%
446	15.608	15.594	15.647	VV	6959971	215696281	37.47%	0.163%
447	15.653	15.647	15.666	VV	6493314	69392186	12.06%	0.243%
448	15.687	15.666	15.693	VV	6602749	103436747	17.97%	0.138%
449	15.701	15.693	15.708	VV	6530414	58765274	10.21%	0.281%
450	15.716	15.708	15.739	VV	6639541	119840153	20.82%	0.144%
451	15.744	15.739	15.755	VV	6476000	61544579	10.69%	0.247%
452	15.774	15.755	15.782	VV	6586031	105050989	18.25%	0.112%
453	15.788	15.782	15.794	VV	6478871	47831834	8.31%	0.126%
454	15.802	15.794	15.808	VV	6659217	53579586	9.31%	0.231%
455	15.816	15.808	15.832	VV	6724174	98559960	17.12%	0.332%
456	15.853	15.832	15.867	VV	7178548	141412322	24.57%	

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

6.79% 0.092%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2022

Supervised By :mohammad ahmed 04/12/2022

				rters			
457	15.883	15.867	15.924	VV	7440449	246469565	42.82% 0.579%
458	15.928	15.924	15.940	VV	6856017	64343989	11.11% 0.111%
459	15.960	15.940	15.965	VV	6780628	102564851	17.77% 0.178%
460	15.969	15.965	15.976	VV	6812325	44094239	7.77% 0.078%
461	15.981	15.976	15.990	VV	6728161	53536908	9.90% 0.099%
462	15.998	15.990	16.011	VV	6835195	84360735	14.14% 0.141%
463	16.023	16.011	16.037	VV	6915641	105558076	18.34% 0.248%
464	16.053	16.037	16.060	VV	6999303	95250394	16.55% 0.224%
465	16.072	16.060	16.081	VV	7016970	87604034	15.22% 0.206%
466	16.098	16.081	16.116	VV	7373282	149024399	25.89% 0.350%
467	16.123	16.116	16.151	VV	7441598	150757644	26.19% 0.354%
468	16.154	16.151	16.180	VV	6958672	120178911	20.88% 0.282%
469	16.190	16.180	16.208	VV	6852609	112139672	19.48% 0.263%
470	16.216	16.208	16.221	VV	6915303	51840910	9.01% 0.122%
471	16.234	16.221	16.249	VV	7026510	117166081	20.36% 0.275%
472	16.283	16.249	16.290	VV	7464365	176463180	30.66% 0.414%
473	16.295	16.290	16.301	VV	7454053	50713811	8.81% 0.119%
474	16.307	16.301	16.317	VV	7422748	68413484	11.89% 0.161%
475	16.324	16.317	16.340	VV	7482208	102894131	17.88% 0.242%
476	16.353	16.340	16.357	VV	7528775	73975456	12.85% 0.174%
477	16.362	16.357	16.367	VV	7453377	44651322	7.76% 0.105%
478	16.407	16.367	16.423	VV	8179340	263258015	45.74% 0.618%
479	16.429	16.423	16.444	VV	8028730	94432630	16.41% 0.222%
480	16.456	16.444	16.470	VV	7641664	117010226	20.33% 0.275%
481	16.476	16.470	16.485	VV	7470072	69795837	12.13% 0.164%
482	16.498	16.485	16.517	VV	7496173	141613411	24.60% 0.332%
483	16.525	16.517	16.531	VV	7539341	59354272	10.31% 0.139%
484	16.539	16.531	16.575	VV	7545208	196259421	34.10% 0.461%
485	16.585	16.575	16.593	VV	7380294	76884758	13.36% 0.181%
486	16.610	16.593	16.616	VV	7318480	98498011	17.11% 0.231%
487	16.621	16.616	16.637	VV	7315941	90829014	15.78% 0.213%
488	16.644	16.637	16.649	VV	7286558	50723226	8.81% 0.119%
489	16.653	16.649	16.664	VV	7247099	63994318	11.12% 0.150%
490	16.682	16.664	16.694	VV	7314253	129892411	22.57% 0.305%
491	16.700	16.694	16.703	VV	7308046	40012322	6.95% 0.094%
492	16.716	16.703	16.721	VV	7602274	79181084	13.76% 0.186%
493	16.726	16.721	16.731	VV	7447320	43808924	7.61% 0.103%
494	16.740	16.731	16.746	VV	7695857	69628508	12.10% 0.163%
495	16.762	16.746	16.767	VV	7855303	98699302	17.15% 0.232%
496	16.793	16.767	16.823	VV	8084487	262139647	45.54% 0.615%
497	16.828	16.823	16.836	VV	7971392	60546155	10.52% 0.142%
498	16.840	16.836	16.865	VV	7596195	131221603	22.80% 0.308%
499	16.901	16.865	16.917	VV	7795298	237458070	41.26% 0.557%
500	16.921	16.917	16.937	VV	7770868	89208824	15.50% 0.209%
501	16.945	16.937	16.983	VV	7602445	204717171	35.57% 0.481%
502	16.993	16.983	17.018	VV	7238852	150678265	26.18% 0.354%
503	17.026	17.018	17.032	VV	7293883	57227894	9.94% 0.134%
504	17.039	17.032	17.044	VV	7473805	53344939	9.27% 0.125%
505	17.074	17.044	17.085	VV	7811963	188419417	32.74% 0.442%
506	17.095	17.085	17.109	VV	8025491	109034620	18.94% 0.256%
507	17.126	17.109	17.135	VV	7695202	119248631	20.72% 0.280%
508	17.161	17.135	17.166	VV	7596042	140661691	24.44% 0.330%
509	17.173	17.166	17.182	VV	7655974	72389337	12.58% 0.170%

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2022

Supervised By :mohammad ahmed 04/12/2022

510	17.188	17.182	17.202	VV	7462999	88496065	15.37%	0.208%
511	17.212	17.202	17.217	VV	7502984	66079395	11.11%	0.170%
512	17.231	17.217	17.236	VV	7652461	83131508	14.44%	0.170%
513	17.244	17.236	17.250	VV	7725544	68488211	11.11%	0.170%
514	17.271	17.250	17.298	VV	7994607	221991842	38.89%	0.170%
515	17.302	17.298	17.310	VV	7918943	55413636	9.09%	0.170%
516	17.313	17.310	17.325	VV	7759021	72539431	12.60%	0.170%
517	17.334	17.325	17.350	VV	7531864	110907646	19.27%	0.260%
518	17.359	17.350	17.368	VV	7450323	75934113	13.19%	0.178%
519	17.384	17.368	17.392	VV	7503168	108454283	18.84%	0.255%
520	17.399	17.392	17.408	VV	7440283	70134560	12.18%	0.165%
521	17.418	17.408	17.427	VV	7507876	85586628	14.87%	0.201%
522	17.434	17.427	17.454	VV	7354214	115245206	20.02%	0.271%
523	17.459	17.454	17.466	VV	7217616	52643688	9.15%	0.124%
524	17.472	17.466	17.477	VV	7161654	47045120	8.17%	0.110%
525	17.485	17.477	17.492	VV	7295526	64365211	11.18%	0.151%
526	17.508	17.492	17.512	VV	7211621	86487885	15.03%	0.203%
527	17.516	17.512	17.522	VV	7197694	41568139	7.22%	0.098%
528	17.537	17.522	17.552	VV	7234993	129053126	22.42%	0.303%
529	17.567	17.552	17.579	VV	7266650	112199960	19.49%	0.263%
530	17.613	17.579	17.621	VV	7550600	184815817	32.11%	0.434%
531	17.639	17.621	17.694	VV	7662507	312281982	54.25%	0.733%
532	17.701	17.694	17.724	VV	6946328	121193480	21.06%	0.285%
533	17.729	17.724	17.752	VV	6830070	112486523	19.54%	0.264%
534	17.758	17.752	17.770	VV	6606245	71747397	12.47%	0.168%
535	17.778	17.770	17.792	VV	6583679	83163136	14.45%	0.195%
536	17.799	17.792	17.805	VV	6408591	50522710	8.78%	0.119%
537	17.813	17.805	17.821	VV	6548256	60248495	10.47%	0.141%
538	17.870	17.821	17.877	VV	6899782	223316475	38.80%	0.524%
539	17.882	17.877	17.893	VV	6861094	64482902	11.20%	0.151%
540	17.902	17.893	17.915	VV	6906728	90349863	15.70%	0.212%
541	17.921	17.915	17.936	VV	6656596	80228460	13.94%	0.188%
542	17.941	17.936	17.954	VV	6657281	70754491	12.29%	0.166%
543	17.965	17.954	17.979	VV	6587419	97199687	16.89%	0.228%
544	17.991	17.979	18.010	VV	6406135	117926144	20.49%	0.277%
545	18.016	18.010	18.032	VV	6252427	79450834	13.80%	0.187%
546	18.048	18.032	18.059	VV	6225935	99382154	17.27%	0.233%
547	18.078	18.059	18.084	VV	6388302	95377600	16.57%	0.224%
548	18.093	18.084	18.100	VV	6426871	58168129	10.11%	0.137%
549	18.115	18.100	18.121	VV	6468418	83268200	14.47%	0.195%
550	18.133	18.121	18.156	VV	6561594	131676208	22.88%	0.309%
551	18.161	18.156	18.179	VV	6461981	85393910	14.84%	0.200%
552	18.185	18.179	18.202	VV	5947044	80504976	13.99%	0.189%
553	18.214	18.202	18.220	VV	5896524	65344416	11.35%	0.153%
554	18.231	18.220	18.254	VV	5884550	115124476	20.00%	0.270%
555	18.262	18.254	18.272	VV	5819585	63016727	10.95%	0.148%
556	18.294	18.272	18.299	VV	5997500	93998646	16.33%	0.221%
557	18.304	18.299	18.316	VV	6028633	61648922	10.71%	0.145%
558	18.320	18.316	18.324	VV	5927860	28010355	4.87%	0.066%
559	18.329	18.324	18.365	VV	5930830	138552474	24.07%	0.325%
560	18.371	18.365	18.397	VV	5373284	99629180	17.31%	0.234%
561	18.407	18.397	18.420	VV	5352571	72527996	12.60%	0.170%

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/12/2022

					rteres				
562	18.438	18.420	18.447	VV	5500167	87793870	15.25%	0.206%	
563	18.475	18.447	18.494	VV	5567976	154674243	26.00%	0.206%	
564	18.501	18.494	18.535	VV	5510756	125733348	21.00%	0.206%	
565	18.541	18.535	18.554	VV	4992810	56893945	9.00%	0.206%	
566	18.562	18.554	18.579	VV	4982094	73638666	12.00%	0.099%	
567	18.592	18.579	18.597	VV	4888153	50953509	8.00%	0.099%	
568	18.606	18.597	18.611	VV	4996626	42141552	7.32%	0.099%	
569	18.618	18.611	18.623	VV	5016597	36650678	6.37%	0.086%	
570	18.632	18.623	18.641	VV	5113926	52385645	9.10%	0.123%	
571	18.649	18.641	18.666	VV	5066584	74927563	13.02%	0.176%	
572	18.673	18.666	18.689	VV	4903849	66018866	11.47%	0.155%	
573	18.703	18.689	18.714	VV	4692678	68963413	11.98%	0.162%	
574	18.722	18.714	18.728	VV	4631624	37657541	6.54%	0.088%	
575	18.732	18.728	18.762	VV	4578546	91548294	15.91%	0.215%	
576	18.770	18.762	18.789	VV	4475392	70049845	12.17%	0.164%	
577	18.801	18.789	18.810	VV	4414319	52960944	9.20%	0.124%	
578	18.814	18.810	18.828	VV	4253514	46766912	8.13%	0.110%	
579	18.833	18.828	18.846	VV	4246402	45598338	7.92%	0.107%	
580	18.860	18.846	18.873	VV	4254823	67146812	11.67%	0.158%	
581	18.880	18.873	18.885	VV	4242070	30969666	5.38%	0.073%	
582	18.893	18.885	18.900	VV	4260878	36802822	6.39%	0.086%	
583	18.905	18.900	18.912	VV	4248608	29339067	5.10%	0.069%	
584	18.919	18.912	18.924	VV	4335973	31050446	5.39%	0.073%	
585	18.931	18.924	18.945	VV	4375840	55947642	9.72%	0.131%	
586	18.948	18.945	18.979	VV	4275715	83146131	14.45%	0.195%	
587	18.985	18.979	18.994	VV	3934080	33887729	5.89%	0.080%	
588	18.999	18.994	19.010	VV	3883701	36991851	6.43%	0.087%	
589	19.026	19.010	19.046	VV	3949188	84418413	14.67%	0.198%	
590	19.053	19.046	19.059	VV	3867158	29611647	5.14%	0.070%	
591	19.069	19.059	19.074	VV	3868138	33401898	5.80%	0.078%	
592	19.078	19.074	19.084	VV	3839391	23555360	4.09%	0.055%	
593	19.088	19.084	19.090	VV	3721331	13612393	2.36%	0.032%	
594	19.095	19.090	19.106	VV	3760898	35242057	6.12%	0.083%	
595	19.113	19.106	19.118	VV	3715393	25722200	4.47%	0.060%	
596	19.124	19.118	19.130	VV	3771797	27765067	4.82%	0.065%	
597	19.135	19.130	19.142	VV	3725195	25132654	4.37%	0.059%	
598	19.152	19.142	19.159	VV	3777070	37224640	6.47%	0.087%	
599	19.166	19.159	19.189	VV	3739157	65798757	11.43%	0.154%	
600	19.196	19.189	19.256	VV	3633504	140157679	24.35%	0.329%	
601	19.270	19.256	19.282	VV	3350126	51147322	8.89%	0.120%	
602	19.297	19.282	19.303	VV	3421037	40899980	7.11%	0.096%	
603	19.321	19.303	19.326	VV	3470049	46935091	8.15%	0.110%	
604	19.329	19.326	19.362	VV	3461290	71458101	12.41%	0.168%	
605	19.371	19.362	19.390	VV	3078861	50987359	8.86%	0.120%	
606	19.395	19.390	19.405	VV	3002040	26670524	4.63%	0.063%	
607	19.417	19.405	19.428	VV	3028800	40969119	7.12%	0.096%	
608	19.434	19.428	19.455	VV	2998306	47302672	8.22%	0.111%	
609	19.460	19.455	19.465	VV	2897303	16154253	2.81%	0.038%	
610	19.470	19.465	19.482	VV	2939702	29944978	5.20%	0.070%	
611	19.532	19.482	19.539	VV	3210940	102345386	17.78%	0.240%	
612	19.547	19.539	19.569	VV	3254401	55415851	9.63%	0.130%	
613	19.575	19.569	19.585	VV	2921178	28605227	4.97%	0.067%	
614	19.589	19.585	19.608	VV	2912936	37398257	6.50%	0.088%	

Instrument :
FID_G
ClientSampleId :
WC-14A-1A-4-GR-13

Manual IntegrationsAPPROVED

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615	19.619	19.608	19.640	VV	2743451	51990443		
616	19.647	19.640	19.665	VV	2726609	38347433		
617	19.678	19.665	19.700	VV	2661422	55034493		
618	19.709	19.700	19.727	VV	2569276	40300299		
619	19.731	19.727	19.744	VV	2550673	24641313		
620	19.749	19.744	19.755	VV	2477441	16654667		
621	19.761	19.755	19.769	VV	2498516	20638714	3.59%	0.048%
622	19.775	19.769	19.785	VV	2569511	25061222	4.35%	0.059%
623	19.797	19.785	19.820	VV	2545921	52158291	9.06%	0.122%
624	19.831	19.820	19.848	VV	2454269	39692242	6.90%	0.093%
625	19.868	19.848	19.874	VV	2464579	36357378	6.32%	0.085%
626	19.886	19.874	19.891	VV	2509302	25043430	4.35%	0.059%
627	19.896	19.891	19.900	VV	2568886	14153365	2.46%	0.033%
628	19.916	19.900	19.934	VV	2667602	52349313	9.09%	0.123%
629	19.937	19.934	19.966	VV	2533726	46051989	8.00%	0.108%
630	19.971	19.966	19.977	VV	2314853	14987673	2.60%	0.035%
631	19.985	19.977	19.993	VV	2255804	21157459	3.68%	0.050%
632	20.001	19.993	20.010	VV	2206471	22695388	3.94%	0.053%
633	20.018	20.010	20.027	VV	2244462	22031727	3.83%	0.052%
634	20.032	20.027	20.042	VV	2185229	18841376	3.27%	0.044%
635	20.046	20.042	20.064	VV	2178209	29120223	5.06%	0.068%
636	20.076	20.064	20.096	VV	2151714	40054415	6.96%	0.094%
637	20.103	20.096	20.109	VV	2072419	14859221	2.58%	0.035%
638	20.114	20.109	20.121	VV	2068283	15678913	2.72%	0.037%
639	20.130	20.121	20.146	VV	2132179	30361688	5.27%	0.071%
640	20.159	20.146	20.164	VV	2089997	22177723	3.85%	0.052%
641	20.187	20.164	20.210	VV	2181802	57206392	9.94%	0.134%
642	20.215	20.210	20.240	VV	2072910	36567488	6.35%	0.086%
643	20.258	20.240	20.268	VV	2029503	33349762	5.79%	0.078%
644	20.281	20.268	20.294	VV	2007950	30391897	5.28%	0.071%
645	20.311	20.294	20.320	VV	2004850	30378360	5.28%	0.071%
646	20.339	20.320	20.365	VV	1969413	49505516	8.60%	0.116%
647	20.370	20.365	20.377	VV	1779492	13152259	2.29%	0.031%
648	20.408	20.377	20.413	VV	1858824	39533306	6.87%	0.093%
649	20.419	20.413	20.431	VV	1852406	18576303	3.23%	0.044%
650	20.436	20.431	20.440	VV	1725924	9813553	1.70%	0.023%
651	20.450	20.440	20.466	VV	1764867	25979337	4.51%	0.061%
652	20.470	20.466	20.476	VV	1693659	9821139	1.71%	0.023%
653	20.481	20.476	20.507	VV	1675252	30564491	5.31%	0.072%
654	20.511	20.507	20.532	VV	1614288	22514962	3.91%	0.053%
655	20.539	20.532	20.562	VV	1510587	26780959	4.65%	0.063%
656	20.576	20.562	20.600	VV	1480779	32027337	5.56%	0.075%
657	20.610	20.600	20.628	VV	1326727	21654527	3.76%	0.051%
658	20.643	20.628	20.656	VV	1265268	20590157	3.58%	0.048%
659	20.662	20.656	20.669	VV	1232508	9174677	1.59%	0.022%
660	20.679	20.669	20.694	VV	1261574	18348676	3.19%	0.043%
661	20.712	20.694	20.722	VV	1266281	21273865	3.70%	0.050%
662	20.728	20.722	20.735	VV	1265428	9330345	1.62%	0.022%
663	20.742	20.735	20.753	VV	1281696	13307801	2.31%	0.031%
664	20.757	20.753	20.782	VV	1173703	19781577	3.44%	0.046%
665	20.789	20.782	20.806	VV	1153852	16130189	2.80%	0.038%
666	20.814	20.806	20.821	VV	1154214	10075663	1.75%	0.024%

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

9.03% 0.122%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2022

Supervised By :mohammad ahmed 04/12/2022

rteres									
667	20.829	20.821	20.844	VV	1168251	15694132	2.73%	0.037%	
668	20.850	20.844	20.857	VV	1103336	8198790			
669	20.858	20.857	20.896	VV	1076508	23004689			
670	20.899	20.896	20.907	VV	942436	5949732			
671	20.917	20.907	20.922	VV	939784	8485712			
672	20.933	20.922	20.959	VV	933692	19767003			
673	20.971	20.959	20.992	VV	924862	16937622	2.94%	0.040%	
674	21.005	20.992	21.025	VV	829598	15311239	2.66%	0.036%	
675	21.035	21.025	21.042	VV	787934	7591121	1.32%	0.018%	
676	21.060	21.042	21.083	VV	775686	17813316	3.09%	0.042%	
677	21.092	21.083	21.112	VV	676453	11324958	1.97%	0.027%	
678	21.117	21.112	21.122	VV	625682	3571393	0.62%	0.008%	
679	21.132	21.122	21.150	VV	672277	10438358	1.81%	0.025%	
680	21.155	21.150	21.185	VV	591329	11456088	1.99%	0.027%	
681	21.189	21.185	21.203	VV	543657	5547356	0.96%	0.013%	
682	21.214	21.203	21.233	VV	557569	9838307	1.71%	0.023%	
683	21.238	21.233	21.247	VV	526582	4251239	0.74%	0.010%	
684	21.258	21.247	21.270	VV	552147	7164580	1.24%	0.017%	
685	21.275	21.270	21.290	VV	534650	6091702	1.06%	0.014%	
686	21.299	21.290	21.328	VV	522117	10385312	1.80%	0.024%	
687	21.348	21.328	21.363	VV	448756	8865980	1.54%	0.021%	
688	21.371	21.363	21.385	VV	408515	5158250	0.90%	0.012%	
689	21.391	21.385	21.393	VV	411506	2003361	0.35%	0.005%	
690	21.399	21.393	21.409	VV	410480	3694250	0.64%	0.009%	
691	21.414	21.409	21.422	VV	351418	2605453	0.45%	0.006%	
692	21.430	21.422	21.439	VV	342315	3326883	0.58%	0.008%	
693	21.444	21.439	21.474	VV	332368	6109742	1.06%	0.014%	
694	21.497	21.474	21.538	VV	281285	9374056	1.63%	0.022%	
695	21.551	21.538	21.607	VV	245961	7906830	1.37%	0.019%	
696	21.626	21.607	21.655	VV	181022	3910979	0.68%	0.009%	
697	21.667	21.655	21.692	VV	153033	2331108	0.40%	0.005%	
698	21.705	21.692	21.710	VV	119194	1098088	0.19%	0.003%	
699	21.714	21.710	21.731	VV	108108	1067443	0.19%	0.003%	
700	21.743	21.731	21.749	VV	90156	871677	0.15%	0.002%	
701	21.753	21.749	21.769	VV	100994	920582	0.16%	0.002%	
702	21.777	21.769	21.787	VV	79367	577926	0.10%	0.001%	

Sum of corrected areas: 42593953184

Instrument :

FID_G

ClientSampleId :

WC-14A-1A-4-GR-13

2.73% 0.037%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2022

Supervised By :mohammad ahmed 04/12/2022

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