

Instrument :

FID_G

ClientSampleId :

AU-5-082923

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012844.D

Data File : FG012844.D

Signal(s) : FID1A.ch

Acq On : 31 Aug 2023 10:53

Sample : 04221-01 5X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M

Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.228	2.212	2.238	BV	21	-33	-0.00%	-0.000%
2	2.240	2.238	2.252	PV	28	77	0.00%	0.000%
3	2.256	2.252	2.265	VV	50	302	0.00%	0.000%
4	2.271	2.265	2.288	VV	81	455	0.00%	0.001%
5	2.304	2.288	2.331	PV	335	4763	0.04%	0.008%
6	2.335	2.331	2.339	VV	114	360	0.00%	0.001%
7	2.345	2.339	2.358	VV	122	896	0.01%	0.001%
8	2.370	2.358	2.403	VV	1145	13366	0.12%	0.021%
9	2.411	2.403	2.424	VV	269	2437	0.02%	0.004%
10	2.434	2.424	2.463	VV	242	3195	0.03%	0.005%
11	2.467	2.463	2.474	VV	65	210	0.00%	0.000%
12	2.482	2.474	2.493	PV	65	264	0.00%	0.000%
13	2.499	2.493	2.514	PV	105	563	0.01%	0.001%
14	2.522	2.514	2.529	VV	141	777	0.01%	0.001%
15	2.535	2.529	2.543	VV	138	759	0.01%	0.001%
16	2.549	2.543	2.559	VV	114	848	0.01%	0.001%
17	2.564	2.559	2.589	VV	102	973	0.01%	0.002%
18	2.593	2.589	2.599	VV	93	329	0.00%	0.001%
19	2.605	2.599	2.617	VV	109	749	0.01%	0.001%
20	2.628	2.617	2.634	PV	118	708	0.01%	0.001%
21	2.653	2.634	2.666	VV	176	1733	0.02%	0.003%
22	2.677	2.666	2.685	VV	131	1053	0.01%	0.002%
23	2.701	2.685	2.733	VV	139	2628	0.02%	0.004%
24	2.764	2.733	2.806	VV	247	5003	0.04%	0.008%
25	2.808	2.806	2.816	VV	84	389	0.00%	0.001%
26	2.830	2.816	2.838	VV	132	1291	0.01%	0.002%
27	2.842	2.838	2.850	VV	152	936	0.01%	0.002%
28	2.891	2.850	2.902	VV	189	3990	0.04%	0.006%
29	2.907	2.902	2.913	VV	136	647	0.01%	0.001%
30	2.938	2.913	2.951	VV	214	3368	0.03%	0.005%
31	2.959	2.951	2.966	VV	204	1369	0.01%	0.002%

32	2.980	2.966	3.007	VV	267	4243	0.04%	0.007%
33	3.031	3.007	3.059	VV	187	326		
34	3.084	3.059	3.095	VV	299	356		
35	3.104	3.095	3.113	VV	170	168		
36	3.118	3.113	3.133	VV	202	174		
37	3.140	3.133	3.148	VV	159	1097	0.01%	0.002%
38	3.152	3.148	3.164	VV	154	982	0.01%	0.002%
39	3.169	3.164	3.176	VV	128	682	0.01%	0.001%
40	3.213	3.176	3.228	VV	223	4551	0.04%	0.007%
41	3.232	3.228	3.240	VV	179	994	0.01%	0.002%
42	3.254	3.240	3.261	VV	210	2260	0.02%	0.004%
43	3.266	3.261	3.307	VV	179	3500	0.03%	0.006%
44	3.319	3.307	3.326	VV	170	1304	0.01%	0.002%
45	3.330	3.326	3.341	VV	175	1185	0.01%	0.002%
46	3.345	3.341	3.352	VV	159	943	0.01%	0.002%
47	3.355	3.352	3.363	VV	183	1087	0.01%	0.002%
48	3.367	3.363	3.373	VV	187	800	0.01%	0.001%
49	3.382	3.373	3.417	VV	135	2718	0.02%	0.004%
50	3.421	3.417	3.427	VV	127	621	0.01%	0.001%
51	3.429	3.427	3.434	VV	127	431	0.00%	0.001%
52	3.456	3.434	3.469	VV	264	3704	0.03%	0.006%
53	3.473	3.469	3.501	VV	249	3318	0.03%	0.005%
54	3.505	3.501	3.511	VV	150	688	0.01%	0.001%
55	3.525	3.511	3.529	VV	197	1498	0.01%	0.002%
56	3.533	3.529	3.537	VV	165	589	0.01%	0.001%
57	3.541	3.537	3.547	VV	172	712	0.01%	0.001%
58	3.551	3.547	3.563	VV	147	1121	0.01%	0.002%
59	3.588	3.563	3.606	VV	181	3527	0.03%	0.006%
60	3.610	3.606	3.626	VV	143	1574	0.01%	0.003%
61	3.633	3.626	3.648	VV	190	1900	0.02%	0.003%
62	3.654	3.648	3.667	VV	192	1736	0.02%	0.003%
63	3.672	3.667	3.678	VV	165	1096	0.01%	0.002%
64	3.684	3.678	3.690	VV	226	1318	0.01%	0.002%
65	3.693	3.690	3.708	VV	193	1856	0.02%	0.003%
66	3.718	3.708	3.724	VV	165	1319	0.01%	0.002%
67	3.739	3.724	3.771	VV	215	4736	0.04%	0.008%
68	3.792	3.771	3.808	VV	276	4184	0.04%	0.007%
69	3.819	3.808	3.828	VV	193	1673	0.01%	0.003%
70	3.835	3.828	3.840	VV	168	1078	0.01%	0.002%
71	3.844	3.840	3.856	VV	168	1193	0.01%	0.002%
72	3.872	3.856	3.884	VV	154	1808	0.02%	0.003%
73	3.890	3.884	3.903	VV	149	1052	0.01%	0.002%
74	3.908	3.903	3.912	VV	82	343	0.00%	0.001%
75	3.925	3.912	3.944	VV	211	2928	0.03%	0.005%
76	3.953	3.944	3.965	VV	208	1501	0.01%	0.002%
77	3.971	3.965	3.978	VV	104	773	0.01%	0.001%
78	3.982	3.978	4.003	VV	113	914	0.01%	0.001%
79	4.009	4.003	4.017	VV	64	274	0.00%	0.000%

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80	4.029	4.017	4.046	PV	156	1991	0.02%	0.003%
81	4.051	4.046	4.061	VV	176	126		
82	4.066	4.061	4.096	VV	187	157		
83	4.105	4.096	4.109	VV	67	36		
84	4.130	4.109	4.151	VV	335	446		
85	4.168	4.151	4.212	VV	744	10592	0.09%	0.017%
86	4.243	4.212	4.272	VV	231	4166	0.04%	0.007%
87	4.298	4.272	4.309	VV	171	2312	0.02%	0.004%
88	4.330	4.309	4.357	VV	1991	28433	0.25%	0.046%
89	4.364	4.357	4.424	VV	534	10047	0.09%	0.016%
90	4.429	4.424	4.436	VV	175	1199	0.01%	0.002%
91	4.439	4.436	4.452	VV	202	1375	0.01%	0.002%
92	4.456	4.452	4.471	VV	129	1039	0.01%	0.002%
93	4.478	4.471	4.488	VV	146	1244	0.01%	0.002%
94	4.493	4.488	4.501	VV	141	984	0.01%	0.002%
95	4.506	4.501	4.522	VV	124	1208	0.01%	0.002%
96	4.541	4.522	4.563	VV	244	3542	0.03%	0.006%
97	4.597	4.563	4.615	VV	458	6969	0.06%	0.011%
98	4.640	4.615	4.658	VV	303	4515	0.04%	0.007%
99	4.673	4.658	4.691	VV	266	3335	0.03%	0.005%
100	4.709	4.691	4.732	VV	172	2617	0.02%	0.004%
101	4.738	4.732	4.744	PV	53	250	0.00%	0.000%
102	4.767	4.744	4.796	VV	412	6078	0.05%	0.010%
103	4.827	4.796	4.840	VV	424	6387	0.06%	0.010%
104	4.847	4.840	4.870	VV	436	5677	0.05%	0.009%
105	4.884	4.870	4.897	VV	499	6114	0.05%	0.010%
106	4.902	4.897	4.926	VV	382	4981	0.04%	0.008%
107	4.947	4.926	4.952	VV	324	4232	0.04%	0.007%
108	4.970	4.952	4.995	VV	482	8673	0.08%	0.014%
109	5.015	4.995	5.030	VV	579	7484	0.07%	0.012%
110	5.058	5.030	5.082	VV	596	11613	0.10%	0.019%
111	5.110	5.082	5.133	VV	669	12468	0.11%	0.020%
112	5.141	5.133	5.158	VV	174	1998	0.02%	0.003%
113	5.179	5.158	5.202	VV	423	5669	0.05%	0.009%
114	5.217	5.202	5.229	VV	253	2545	0.02%	0.004%
115	5.239	5.229	5.245	VV	163	1033	0.01%	0.002%
116	5.259	5.245	5.265	VV	218	2078	0.02%	0.003%
117	5.289	5.265	5.293	VV	343	4284	0.04%	0.007%
118	5.306	5.293	5.335	VV	496	7478	0.07%	0.012%
119	5.354	5.335	5.371	VV	473	5037	0.04%	0.008%
120	5.385	5.371	5.399	VV	705	6596	0.06%	0.011%
121	5.419	5.399	5.438	VV	787	9958	0.09%	0.016%
122	5.449	5.438	5.467	VV	236	2625	0.02%	0.004%
123	5.474	5.467	5.479	VV	106	552	0.00%	0.001%
124	5.484	5.479	5.498	VV	102	765	0.01%	0.001%
125	5.520	5.498	5.531	PV	299	3733	0.03%	0.006%
126	5.543	5.531	5.567	VV	631	7490	0.07%	0.012%

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127	5.587	5.567	5.601	VV	543	7557	0.07%	0.012%
128	5.616	5.601	5.635	VV	724	797		
129	5.641	5.635	5.646	VV	226	107		
130	5.650	5.646	5.657	VV	199	114		
131	5.677	5.657	5.700	VV	434	555		
132	5.708	5.700	5.717	PV	151	839	0.01%	0.001%
133	5.737	5.717	5.745	VV	1716	16574	0.15%	0.027%
134	5.752	5.745	5.779	VV	1574	19510	0.17%	0.031%
135	5.793	5.779	5.800	VV	355	3303	0.03%	0.005%
136	5.809	5.800	5.827	VV	421	4133	0.04%	0.007%
137	5.857	5.827	5.882	VV	194	4368	0.04%	0.007%
138	5.925	5.882	5.951	VV	1349	19467	0.17%	0.031%
139	5.965	5.951	5.971	VV	544	5148	0.05%	0.008%
140	5.976	5.971	5.990	VV	546	4606	0.04%	0.007%
141	6.006	5.990	6.016	VV	651	6960	0.06%	0.011%
142	6.032	6.016	6.040	VV	1371	14635	0.13%	0.024%
143	6.051	6.040	6.077	VV	1336	18791	0.17%	0.030%
144	6.086	6.077	6.099	VV	534	5618	0.05%	0.009%
145	6.127	6.099	6.143	VV	1682	20490	0.18%	0.033%
146	6.149	6.143	6.156	VV	549	4118	0.04%	0.007%
147	6.171	6.156	6.190	VV	677	9714	0.09%	0.016%
148	6.218	6.190	6.237	VV	882	12464	0.11%	0.020%
149	6.270	6.237	6.289	PV	1158	19648	0.18%	0.032%
150	6.308	6.289	6.332	VV	1540	21323	0.19%	0.034%
151	6.348	6.332	6.360	VV	976	13172	0.12%	0.021%
152	6.366	6.360	6.389	VV	905	8627	0.08%	0.014%
153	6.415	6.389	6.433	VV	730	11191	0.10%	0.018%
154	6.456	6.433	6.471	VV	1399	20346	0.18%	0.033%
155	6.480	6.471	6.487	VV	1018	8222	0.07%	0.013%
156	6.498	6.487	6.526	VV	1085	18123	0.16%	0.029%
157	6.541	6.526	6.557	VV	1209	14656	0.13%	0.024%
158	6.566	6.557	6.572	VV	758	6508	0.06%	0.010%
159	6.596	6.572	6.626	VV	1524	28198	0.25%	0.045%
160	6.644	6.626	6.657	VV	674	9597	0.09%	0.015%
161	6.697	6.657	6.729	VV	2346	40493	0.36%	0.065%
162	6.742	6.729	6.751	VV	605	6561	0.06%	0.011%
163	6.770	6.751	6.820	VV	3693	56280	0.50%	0.090%
164	6.829	6.820	6.842	VV	223	2326	0.02%	0.004%
165	6.859	6.842	6.871	VV	680	7618	0.07%	0.012%
166	6.894	6.871	6.907	VV	890	14943	0.13%	0.024%
167	6.924	6.907	6.952	VV	2333	32178	0.29%	0.052%
168	6.972	6.952	6.987	VV	1305	16382	0.15%	0.026%
169	6.998	6.987	7.010	VV	686	5996	0.05%	0.010%
170	7.054	7.010	7.074	VV	2436	37163	0.33%	0.060%
171	7.099	7.074	7.105	PV	1178	12248	0.11%	0.020%
172	7.117	7.105	7.148	VV	1580	21491	0.19%	0.035%
173	7.179	7.148	7.206	VV	5942	70542	0.63%	0.113%
174	7.218	7.206	7.229	VV	585	6165	0.06%	0.010%

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175	7.249	7.229	7.268	VV	1664	25336	0.23%	0.041%
176	7.303	7.268	7.325	VV	2451	4565		
177	7.345	7.325	7.373	VV	3407	4399		
178	7.412	7.373	7.435	VV	4347	7778		
179	7.451	7.435	7.472	VV	1689	2319		
180	7.493	7.472	7.530	VV	4074	62116	0.55%	0.100%
181	7.548	7.530	7.575	VV	2159	35961	0.32%	0.058%
182	7.595	7.575	7.610	VV	1832	23579	0.21%	0.038%
183	7.624	7.610	7.657	VV	1089	21209	0.19%	0.034%
184	7.697	7.657	7.707	VV	6784	84078	0.75%	0.135%
185	7.720	7.707	7.744	VV	9590	115666	1.03%	0.186%
186	7.758	7.744	7.782	VV	2354	41066	0.37%	0.066%
187	7.790	7.782	7.830	VV	1898	38655	0.35%	0.062%
188	7.843	7.830	7.868	VV	766	15056	0.13%	0.024%
189	7.894	7.868	7.907	VV	5080	65287	0.58%	0.105%
190	7.912	7.907	7.932	VV	3145	30457	0.27%	0.049%
191	7.950	7.932	7.968	VV	2218	28055	0.25%	0.045%
192	7.993	7.968	8.003	VV	1278	15605	0.14%	0.025%
193	8.037	8.003	8.049	VV	2994	45916	0.41%	0.074%
194	8.055	8.049	8.076	VV	2333	28409	0.25%	0.046%
195	8.093	8.076	8.121	VV	1875	40492	0.36%	0.065%
196	8.126	8.121	8.130	VV	1230	6545	0.06%	0.011%
197	8.154	8.130	8.172	VV	3024	52554	0.47%	0.084%
198	8.202	8.172	8.222	VV	2496	61538	0.55%	0.099%
199	8.246	8.222	8.268	VV	3096	51228	0.46%	0.082%
200	8.295	8.268	8.313	VV	3446	56622	0.51%	0.091%
201	8.332	8.313	8.343	VV	4998	60875	0.54%	0.098%
202	8.354	8.343	8.380	VV	4829	61051	0.55%	0.098%
203	8.422	8.380	8.455	VV	6439	118357	1.06%	0.190%
204	8.462	8.455	8.466	VV	1432	9051	0.08%	0.015%
205	8.476	8.466	8.493	VV	1594	23762	0.21%	0.038%
206	8.513	8.493	8.520	VV	3797	43783	0.39%	0.070%
207	8.532	8.520	8.546	VV	4903	64318	0.57%	0.103%
208	8.602	8.546	8.631	VV	14191	291873	2.61%	0.469%
209	8.645	8.631	8.664	VV	3084	50612	0.45%	0.081%
210	8.709	8.664	8.736	VV	3792	106632	0.95%	0.171%
211	8.767	8.736	8.780	VV	3696	70571	0.63%	0.113%
212	8.791	8.780	8.806	VV	3278	40873	0.37%	0.066%
213	8.826	8.806	8.868	VV	5011	97028	0.87%	0.156%
214	8.896	8.868	8.919	VV	2435	51663	0.46%	0.083%
215	8.932	8.919	8.946	VV	1875	23718	0.21%	0.038%
216	8.967	8.946	8.972	VV	3136	34577	0.31%	0.056%
217	8.977	8.972	8.991	VV	3082	31228	0.28%	0.050%
218	9.010	8.991	9.037	VV	3860	87602	0.78%	0.141%
219	9.055	9.037	9.082	VV	4125	90050	0.80%	0.145%
220	9.099	9.082	9.115	VV	3158	56118	0.50%	0.090%
221	9.144	9.115	9.169	VV	8169	140682	1.26%	0.226%

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222	9.198	9.169	9.215	VV	3108	61740	0.55%	0.099%
223	9.224	9.215	9.236	VV	2157	2514		
224	9.253	9.236	9.275	VV	3074	5727		
225	9.290	9.275	9.311	VV	3005	5429		
226	9.326	9.311	9.344	VV	2368	4063		
227	9.370	9.344	9.394	VV	3127	74014	0.66%	0.119%
228	9.431	9.394	9.454	VV	17289	242088	2.16%	0.389%
229	9.464	9.454	9.499	VV	3068	61415	0.55%	0.099%
230	9.519	9.499	9.545	VV	2645	52580	0.47%	0.084%
231	9.581	9.545	9.603	VV	2674	62291	0.56%	0.100%
232	9.615	9.603	9.622	VV	1804	18204	0.16%	0.029%
233	9.634	9.622	9.648	VV	2302	28263	0.25%	0.045%
234	9.665	9.648	9.682	VV	3044	44154	0.39%	0.071%
235	9.692	9.682	9.701	VV	1758	18512	0.17%	0.030%
236	9.719	9.701	9.734	VV	3014	44429	0.40%	0.071%
237	9.761	9.734	9.783	VV	2296	58178	0.52%	0.093%
238	9.807	9.783	9.841	VV	5628	118697	1.06%	0.191%
239	9.855	9.841	9.864	VV	2277	28386	0.25%	0.046%
240	9.893	9.864	9.917	VV	3768	90782	0.81%	0.146%
241	9.943	9.917	9.965	VV	3373	70754	0.63%	0.114%
242	9.993	9.965	10.023	VV	3108	80643	0.72%	0.130%
243	10.044	10.023	10.060	VV	1741	31573	0.28%	0.051%
244	10.063	10.060	10.075	VV	1297	11132	0.10%	0.018%
245	10.095	10.075	10.109	VV	1360	25621	0.23%	0.041%
246	10.128	10.109	10.135	VV	2227	25086	0.22%	0.040%
247	10.173	10.135	10.194	VV	3443	94116	0.84%	0.151%
248	10.215	10.194	10.268	VV	18086	245206	2.19%	0.394%
249	10.294	10.268	10.311	VV	1684	36277	0.32%	0.058%
250	10.319	10.311	10.364	VV	1553	29665	0.26%	0.048%
251	10.389	10.364	10.420	VV	2009	37437	0.33%	0.060%
252	10.428	10.420	10.441	VV	832	9389	0.08%	0.015%
253	10.466	10.441	10.474	VV	989	16337	0.15%	0.026%
254	10.490	10.474	10.512	VV	1403	23277	0.21%	0.037%
255	10.564	10.512	10.581	VV	2301	61550	0.55%	0.099%
256	10.606	10.581	10.634	VV	8256	133762	1.19%	0.215%
257	10.657	10.634	10.677	VV	2986	53891	0.48%	0.087%
258	10.694	10.677	10.716	VV	3280	52122	0.47%	0.084%
259	10.731	10.716	10.738	VV	2233	23050	0.21%	0.037%
260	10.751	10.738	10.781	VV	2927	45096	0.40%	0.072%
261	10.802	10.781	10.817	VV	1457	21858	0.20%	0.035%
262	10.860	10.817	10.881	VV	2690	61740	0.55%	0.099%
263	10.887	10.881	10.903	VV	1613	19918	0.18%	0.032%
264	10.908	10.903	10.921	VV	1475	12653	0.11%	0.020%
265	10.957	10.921	10.991	VV	17270	238896	2.13%	0.384%
266	11.030	10.991	11.063	VV	8317	176218	1.57%	0.283%
267	11.075	11.063	11.124	VV	1769	40508	0.36%	0.065%
268	11.126	11.124	11.133	VV	526	2535	0.02%	0.004%
269	11.174	11.133	11.190	VV	1209	26879	0.24%	0.043%

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270	11.211	11.190	11.258	VV	16826	214538	1.92%	0.345%
271	11.287	11.258	11.320	VV	6711	10496		
272	11.352	11.320	11.394	VV	2794	7095		
273	11.414	11.394	11.444	VV	1843	3016		
274	11.465	11.444	11.482	VV	1880	2586		
275	11.500	11.482	11.513	VV	2125	26536	0.24%	0.043%
276	11.517	11.513	11.545	VV	1471	14683	0.13%	0.024%
277	11.574	11.545	11.583	VV	911	13681	0.12%	0.022%
278	11.608	11.583	11.633	VV	1179	27664	0.25%	0.044%
279	11.662	11.633	11.703	VV	15179	200474	1.79%	0.322%
280	11.711	11.703	11.720	VV	1427	13962	0.12%	0.022%
281	11.754	11.720	11.797	VV	6461	117333	1.05%	0.189%
282	11.815	11.797	11.842	VV	834	14333	0.13%	0.023%
283	11.863	11.842	11.885	VV	1218	17992	0.16%	0.029%
284	11.913	11.885	11.936	VV	1652	27976	0.25%	0.045%
285	11.955	11.936	11.995	VV	1728	40752	0.36%	0.065%
286	12.018	11.995	12.033	VV	3363	40827	0.36%	0.066%
287	12.050	12.033	12.084	VV	4655	67750	0.61%	0.109%
288	12.115	12.084	12.120	VV	2059	30936	0.28%	0.050%
289	12.135	12.120	12.153	VV	3953	54933	0.49%	0.088%
290	12.166	12.153	12.180	VV	2850	34294	0.31%	0.055%
291	12.198	12.180	12.209	VV	3441	41475	0.37%	0.067%
292	12.223	12.209	12.253	VV	4670	56270	0.50%	0.090%
293	12.274	12.253	12.293	VV	619	9890	0.09%	0.016%
294	12.335	12.293	12.358	VV	12953	187828	1.68%	0.302%
295	12.387	12.358	12.413	VV	187571	2090297	18.67%	3.359%
296	12.424	12.413	12.452	VV	2635	37959	0.34%	0.061%
297	12.457	12.452	12.469	VV	496	4243	0.04%	0.007%
298	12.488	12.469	12.508	VV	1669	19222	0.17%	0.031%
299	12.525	12.508	12.533	PV	467	4030	0.04%	0.006%
300	12.584	12.533	12.652	VV	81557	1006727	8.99%	1.618%
301	12.668	12.652	12.688	VV	2797	36931	0.33%	0.059%
302	12.702	12.688	12.711	VV	1389	16386	0.15%	0.026%
303	12.744	12.711	12.782	VV	2363	57616	0.51%	0.093%
304	12.823	12.782	12.841	VV	3130	64640	0.58%	0.104%
305	12.857	12.841	12.881	VV	2086	33735	0.30%	0.054%
306	12.893	12.881	12.901	VV	1418	15301	0.14%	0.025%
307	12.921	12.901	12.942	VV	4589	65067	0.58%	0.105%
308	12.977	12.942	13.002	VV	12797	184227	1.65%	0.296%
309	13.037	13.002	13.088	VV	29307	359902	3.21%	0.578%
310	13.101	13.088	13.117	VV	318	3983	0.04%	0.006%
311	13.138	13.117	13.150	VV	695	10826	0.10%	0.017%
312	13.166	13.150	13.184	VV	1057	14602	0.13%	0.023%
313	13.228	13.184	13.248	VV	2259	49563	0.44%	0.080%
314	13.253	13.248	13.265	VV	1136	10735	0.10%	0.017%
315	13.277	13.265	13.312	VV	1147	22107	0.20%	0.036%
316	13.336	13.312	13.361	PV	24497	267980	2.39%	0.431%

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317	13.416	13.361	13.447	VV	802732	11194697	100.00%	17.990%
318	13.473	13.447	13.492	VV	595035	724708		
319	13.501	13.492	13.552	VV	50255	62013		
320	13.560	13.552	13.569	VV	1472	1324		
321	13.610	13.569	13.627	VV	105285	149996		
322	13.647	13.627	13.722	VV	129859	2566820	22.93%	4.125%
323	13.735	13.722	13.753	VV	4072	56210	0.50%	0.090%
324	13.763	13.753	13.778	VV	2427	30714	0.27%	0.049%
325	13.817	13.778	13.862	VV	24288	352715	3.15%	0.567%
326	13.868	13.862	13.890	VV	1890	26611	0.24%	0.043%
327	13.936	13.890	13.962	VV	13337	234220	2.09%	0.376%
328	13.976	13.962	14.003	VV	2039	36678	0.33%	0.059%
329	14.042	14.003	14.062	VV	4860	90436	0.81%	0.145%
330	14.078	14.062	14.099	VV	4193	59643	0.53%	0.096%
331	14.123	14.099	14.148	VV	2361	48380	0.43%	0.078%
332	14.180	14.148	14.197	VV	10093	146986	1.31%	0.236%
333	14.211	14.197	14.237	VV	8283	143387	1.28%	0.230%
334	14.247	14.237	14.261	VV	3518	42191	0.38%	0.068%
335	14.284	14.261	14.353	VV	5823	142158	1.27%	0.228%
336	14.388	14.353	14.401	VV	2126	33511	0.30%	0.054%
337	14.411	14.401	14.433	VV	2161	35250	0.31%	0.057%
338	14.461	14.433	14.470	VV	9509	123194	1.10%	0.198%
339	14.480	14.470	14.506	VV	9598	116584	1.04%	0.187%
340	14.515	14.506	14.525	VV	1136	10649	0.10%	0.017%
341	14.567	14.525	14.576	VV	2560	56562	0.51%	0.091%
342	14.587	14.576	14.602	VV	2820	39824	0.36%	0.064%
343	14.634	14.602	14.647	VV	10515	167421	1.50%	0.269%
344	14.658	14.647	14.687	VV	8141	126031	1.13%	0.203%
345	14.695	14.687	14.712	VV	1653	18956	0.17%	0.030%
346	14.739	14.712	14.775	VV	11499	201348	1.80%	0.324%
347	14.798	14.775	14.825	VV	14138	205934	1.84%	0.331%
348	14.855	14.825	14.888	VV	6431	147888	1.32%	0.238%
349	14.909	14.888	14.930	VV	8963	118136	1.06%	0.190%
350	14.960	14.930	14.989	VV	4233	85782	0.77%	0.138%
351	14.998	14.989	15.009	VV	680	6628	0.06%	0.011%
352	15.030	15.009	15.048	VV	1567	22313	0.20%	0.036%
353	15.079	15.048	15.126	VV	30902	445089	3.98%	0.715%
354	15.131	15.126	15.152	VV	852	8272	0.07%	0.013%
355	15.172	15.152	15.191	VV	1739	23871	0.21%	0.038%
356	15.218	15.191	15.238	VV	14972	184241	1.65%	0.296%
357	15.261	15.238	15.307	VV	19019	368497	3.29%	0.592%
358	15.313	15.307	15.320	VV	1079	7809	0.07%	0.013%
359	15.324	15.320	15.329	VV	946	4540	0.04%	0.007%
360	15.340	15.329	15.345	VV	1430	10789	0.10%	0.017%
361	15.355	15.345	15.359	VV	1403	11222	0.10%	0.018%
362	15.381	15.359	15.403	VV	3688	59257	0.53%	0.095%
363	15.423	15.403	15.441	VV	2017	35166	0.31%	0.057%
364	15.454	15.441	15.498	VV	2099	38638	0.35%	0.062%

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365	15.525	15.498	15.550	VV	2309	45330	0.40%	0.073%
366	15.555	15.550	15.558	VV	1504	652		
367	15.562	15.558	15.597	VV	1529	2568		
368	15.603	15.597	15.612	VV	834	651		
369	15.616	15.612	15.626	VV	616	437		
370	15.665	15.626	15.701	VV	10819	191258	1.71%	0.307%
371	15.706	15.701	15.724	VV	1524	16457	0.15%	0.026%
372	15.736	15.724	15.757	VV	688	8802	0.08%	0.014%
373	15.805	15.757	15.837	PV	5947	95843	0.86%	0.154%
374	15.863	15.837	15.881	VV	9762	140162	1.25%	0.225%
375	15.894	15.881	15.915	VV	5473	72463	0.65%	0.116%
376	15.933	15.915	15.968	VV	2631	41121	0.37%	0.066%
377	15.981	15.968	15.991	VV	756	7603	0.07%	0.012%
378	15.997	15.991	16.006	VV	764	6892	0.06%	0.011%
379	16.060	16.006	16.099	VV	2914	90591	0.81%	0.146%
380	16.126	16.099	16.160	VV	1312	27055	0.24%	0.043%
381	16.183	16.160	16.211	PV	1394	28430	0.25%	0.046%
382	16.228	16.211	16.245	VV	1471	22076	0.20%	0.035%
383	16.254	16.245	16.269	VV	1070	12578	0.11%	0.020%
384	16.308	16.269	16.353	VV	5850	112435	1.00%	0.181%
385	16.368	16.353	16.388	VV	1682	21002	0.19%	0.034%
386	16.435	16.388	16.458	VV	549	14699	0.13%	0.024%
387	16.501	16.458	16.523	PV	1943	48899	0.44%	0.079%
388	16.533	16.523	16.551	VV	1079	11400	0.10%	0.018%
389	16.563	16.551	16.578	VV	1054	12838	0.11%	0.021%
390	16.607	16.578	16.630	VV	2075	43672	0.39%	0.070%
391	16.644	16.630	16.655	VV	1278	14985	0.13%	0.024%
392	16.679	16.655	16.728	VV	3700	101897	0.91%	0.164%
393	16.784	16.728	16.829	PV	17279	349189	3.12%	0.561%
394	16.851	16.829	16.891	VV	3694	77655	0.69%	0.125%
395	16.912	16.891	16.940	VV	3605	61020	0.55%	0.098%
396	16.959	16.940	16.980	VV	1870	33834	0.30%	0.054%
397	16.984	16.980	16.989	VV	1001	5185	0.05%	0.008%
398	17.010	16.989	17.020	VV	1635	22812	0.20%	0.037%
399	17.023	17.020	17.045	VV	1184	13340	0.12%	0.021%
400	17.102	17.045	17.130	VV	9072	163883	1.46%	0.263%
401	17.159	17.130	17.200	VV	11909	169175	1.51%	0.272%
402	17.226	17.200	17.235	PV	1277	15077	0.13%	0.024%
403	17.261	17.235	17.281	VV	8743	124238	1.11%	0.200%
404	17.311	17.281	17.360	VV	3411	84933	0.76%	0.136%
405	17.373	17.360	17.380	VV	937	8905	0.08%	0.014%
406	17.409	17.380	17.431	VV	1484	34134	0.30%	0.055%
407	17.438	17.431	17.448	VV	871	7455	0.07%	0.012%
408	17.471	17.448	17.490	VV	1326	25438	0.23%	0.041%
409	17.524	17.490	17.554	VV	2617	72364	0.65%	0.116%
410	17.581	17.554	17.608	VV	2105	50974	0.46%	0.082%
411	17.632	17.608	17.641	VV	2102	33326	0.30%	0.054%

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412	17.660	17.641	17.675	VV	2549	36797	0.33%	0.059%
413	17.711	17.675	17.731	VV	7069	12572		
414	17.749	17.731	17.769	VV	2095	2922		
415	17.778	17.769	17.783	VV	1270	906		
416	17.825	17.783	17.846	VV	3216	8226		
417	17.851	17.846	17.860	VV	921	6782	0.06%	0.011%
418	17.888	17.860	17.904	VV	1507	26632	0.24%	0.043%
419	17.920	17.904	17.925	VV	742	6429	0.06%	0.010%
420	17.928	17.925	17.933	VV	640	2398	0.02%	0.004%
421	17.953	17.933	17.974	VV	752	9715	0.09%	0.016%
422	17.981	17.974	17.986	VV	827	3588	0.03%	0.006%
423	18.005	17.986	18.018	VV	877	10752	0.10%	0.017%
424	18.030	18.018	18.034	PV	643	3376	0.03%	0.005%
425	18.057	18.034	18.072	VV	1516	24559	0.22%	0.039%
426	18.094	18.072	18.101	VV	1502	21883	0.20%	0.035%
427	18.149	18.101	18.188	VV	9266	165789	1.48%	0.266%
428	18.209	18.188	18.217	VV	1626	16929	0.15%	0.027%
429	18.231	18.217	18.246	VV	1448	20219	0.18%	0.032%
430	18.261	18.246	18.266	VV	1371	12347	0.11%	0.020%
431	18.301	18.266	18.322	VV	6301	120322	1.07%	0.193%
432	18.329	18.322	18.358	VV	3243	47218	0.42%	0.076%
433	18.380	18.358	18.400	VV	1743	28563	0.26%	0.046%
434	18.427	18.400	18.456	VV	3869	84069	0.75%	0.135%
435	18.473	18.456	18.486	VV	2575	34949	0.31%	0.056%
436	18.529	18.486	18.551	VV	9501	237028	2.12%	0.381%
437	18.572	18.551	18.601	VV	10377	161150	1.44%	0.259%
438	18.620	18.601	18.633	VV	1846	23437	0.21%	0.038%
439	18.667	18.633	18.686	VV	7903	144257	1.29%	0.232%
440	18.700	18.686	18.720	VV	5402	79435	0.71%	0.128%
441	18.728	18.720	18.750	VV	2005	27135	0.24%	0.044%
442	18.786	18.750	18.811	VV	9397	139534	1.25%	0.224%
443	18.815	18.811	18.820	VV	2136	9819	0.09%	0.016%
444	18.836	18.820	18.849	VV	2668	36843	0.33%	0.059%
445	18.874	18.849	18.898	VV	2758	63826	0.57%	0.103%
446	18.919	18.898	18.939	VV	4134	64195	0.57%	0.103%
447	18.984	18.939	19.032	VV	12856	316507	2.83%	0.509%
448	19.054	19.032	19.062	VV	2982	42356	0.38%	0.068%
449	19.095	19.062	19.115	VV	8422	162127	1.45%	0.261%
450	19.146	19.115	19.164	VV	6163	135609	1.21%	0.218%
451	19.180	19.164	19.203	VV	3667	71816	0.64%	0.115%
452	19.225	19.203	19.238	VV	4326	74257	0.66%	0.119%
453	19.254	19.238	19.271	VV	4585	77864	0.70%	0.125%
454	19.280	19.271	19.296	VV	4291	61353	0.55%	0.099%
455	19.340	19.296	19.361	VV	12653	301472	2.69%	0.484%
456	19.381	19.361	19.409	VV	13377	270610	2.42%	0.435%
457	19.423	19.409	19.436	VV	6419	92916	0.83%	0.149%
458	19.442	19.436	19.447	VV	5026	30414	0.27%	0.049%
459	19.452	19.447	19.454	VV	5032	22977	0.21%	0.037%

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460	19.492	19.454	19.500	VV	7113	175646	1.57%	0.282%
461	19.506	19.500	19.517	VV	6929	6775		
462	19.549	19.517	19.571	VV	9522	23642		
463	19.576	19.571	19.580	VV	5940	3115		
464	19.586	19.580	19.601	VV	5865	6907		
465	19.625	19.601	19.641	VV	5973	134570	1.20%	0.216%
466	19.652	19.641	19.657	VV	5948	54077	0.48%	0.087%
467	19.661	19.657	19.667	VV	5631	31634	0.28%	0.051%
468	19.681	19.667	19.695	VV	5859	89592	0.80%	0.144%
469	19.712	19.695	19.720	VV	5809	80224	0.72%	0.129%
470	19.725	19.720	19.728	VV	5218	26346	0.24%	0.042%
471	19.768	19.728	19.788	VV	12697	308827	2.76%	0.496%
472	19.811	19.788	19.833	VV	8803	206732	1.85%	0.332%
473	19.850	19.833	19.855	VV	7460	96068	0.86%	0.154%
474	19.876	19.855	19.886	VV	9466	154928	1.38%	0.249%
475	19.892	19.886	19.921	VV	8747	162436	1.45%	0.261%
476	19.946	19.921	19.969	VV	11929	257102	2.30%	0.413%
477	19.978	19.969	19.986	VV	8696	83160	0.74%	0.134%
478	20.009	19.986	20.032	VV	11203	267288	2.39%	0.430%
479	20.058	20.032	20.088	VV	14789	385837	3.45%	0.620%
480	20.144	20.088	20.170	VV	17653	650354	5.81%	1.045%
481	20.191	20.170	20.213	VV	11988	279399	2.50%	0.449%
482	20.231	20.213	20.241	VV	12286	190081	1.70%	0.305%
483	20.251	20.241	20.268	VV	11245	171551	1.53%	0.276%
484	20.325	20.268	20.349	VV	15640	621138	5.55%	0.998%
485	20.393	20.349	20.403	VV	14409	425465	3.80%	0.684%
486	20.424	20.403	20.445	VV	15904	367043	3.28%	0.590%
487	20.449	20.445	20.453	VV	13838	70704	0.63%	0.114%
488	20.467	20.453	20.485	VV	14707	269075	2.40%	0.432%
489	20.507	20.485	20.528	VV	20516	449673	4.02%	0.723%
490	20.556	20.528	20.578	VV	20307	522300	4.67%	0.839%
491	20.588	20.578	20.609	VV	16899	296056	2.64%	0.476%
492	20.616	20.609	20.636	VV	15672	244078	2.18%	0.392%
493	20.652	20.636	20.656	VV	17366	191501	1.71%	0.308%
494	20.676	20.656	20.703	VV	18041	488520	4.36%	0.785%
495	20.720	20.703	20.724	VV	17235	209981	1.88%	0.337%
496	20.742	20.724	20.775	VV	17894	512176	4.58%	0.823%
497	20.780	20.775	20.785	VV	16004	91847	0.82%	0.148%
498	20.792	20.785	20.813	VV	16037	264151	2.36%	0.425%
499	20.826	20.813	20.833	VV	14965	173916	1.55%	0.279%
500	20.836	20.833	20.841	VV	14706	71563	0.64%	0.115%
501	20.876	20.841	20.910	VV	21364	741686	6.63%	1.192%
502	20.916	20.910	20.961	VV	15927	448699	4.01%	0.721%
503	20.988	20.961	21.006	VV	14882	379989	3.39%	0.611%
504	21.040	21.006	21.081	VV	18703	686947	6.14%	1.104%
505	21.087	21.081	21.094	VV	12636	93255	0.83%	0.150%
506	21.100	21.094	21.111	VV	12560	130370	1.16%	0.210%

Instrument :

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ClientSampleId :

AU-5-082923

Manual IntegrationsAPPROVED

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507	21.116	21.111	21.121	VV	12243	69833	0.62%	0.112%
508	21.128	21.121	21.142	VV	12618	15293		
509	21.147	21.142	21.149	VV	11702	4982		
510	21.153	21.149	21.158	VV	11975	5819		
511	21.167	21.158	21.171	VV	11742	8958		
512	21.175	21.171	21.191	VV	11816	138570	1.24%	0.223%
513	21.196	21.191	21.211	VV	11270	127544	1.14%	0.205%
514	21.268	21.211	21.298	VV	14716	630263	5.63%	1.013%
515	21.307	21.298	21.315	VV	10652	104416	0.93%	0.168%
516	21.334	21.315	21.353	VV	10507	227570	2.03%	0.366%
517	21.367	21.353	21.402	VV	10499	294380	2.63%	0.473%
518	21.409	21.402	21.421	VV	10036	106440	0.95%	0.171%
519	21.429	21.421	21.434	VV	9398	72260	0.65%	0.116%
520	21.449	21.434	21.456	VV	10182	127292	1.14%	0.205%
521	21.460	21.456	21.483	VV	9780	144810	1.29%	0.233%
522	21.502	21.483	21.508	VV	8589	124479	1.11%	0.200%
523	21.517	21.508	21.540	VV	8273	154260	1.38%	0.248%
524	21.549	21.540	21.561	VV	7944	97566	0.87%	0.157%
525	21.609	21.561	21.653	VV	10788	486046	4.34%	0.781%
526	21.656	21.653	21.673	VV	6866	71781	0.64%	0.115%
527	21.708	21.673	21.760	VV	9458	358617	3.20%	0.576%
528	21.766	21.760	21.784	VV	5363	68733	0.61%	0.110%
529	21.806	21.784	21.816	VV	4868	86583	0.77%	0.139%
530	21.827	21.816	21.830	VV	4558	37556	0.34%	0.060%
531	21.833	21.830	21.880	VV	4517	116637	1.04%	0.187%
532	21.887	21.880	21.899	VV	3067	32633	0.29%	0.052%
533	21.910	21.899	21.920	VV	3893	39994	0.36%	0.064%
534	21.925	21.920	21.942	VV	3094	34861	0.31%	0.056%
535	21.950	21.942	21.958	VV	3252	27726	0.25%	0.045%
536	21.966	21.958	21.983	VV	2891	38011	0.34%	0.061%
537	21.989	21.983	22.005	VV	2590	29384	0.26%	0.047%
538	22.042	22.005	22.048	VV	2579	56597	0.51%	0.091%
539	22.051	22.048	22.071	VV	2215	23079	0.21%	0.037%
540	22.082	22.071	22.088	VV	1463	12172	0.11%	0.020%
541	22.092	22.088	22.102	VV	1104	7716	0.07%	0.012%
542	22.118	22.102	22.143	VV	1239	19529	0.17%	0.031%
543	22.151	22.143	22.158	VV	508	3787	0.03%	0.006%
544	22.166	22.158	22.172	VV	710	3245	0.03%	0.005%

Sum of corrected areas: 62226232

Instrument :

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ClientSampleId :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023

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