

rteres

Instrument :

FID_G

ClientSampleId :

SP25-02-20211111-10.0-10.5MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/15/2021

Supervised By :mohammad ahmed 11/15/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11122
Data File : FG009053.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2021 01:28
Sample : M4661-03MSD 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.029	1.997	2.065	BV	801	24807	0.11%	0.005%
2	2.073	2.065	2.080	VV	709	5677	0.02%	0.001%
3	2.102	2.080	2.115	VV	949	15496	0.07%	0.003%
4	2.119	2.115	2.134	VV	740	7613	0.03%	0.002%
5	2.154	2.134	2.165	VV	806	13042	0.06%	0.003%
6	2.169	2.165	2.184	VV	796	7821	0.03%	0.002%
7	2.204	2.184	2.214	VV	725	12707	0.05%	0.003%
8	2.233	2.214	2.259	VV	780	16423	0.07%	0.003%
9	2.274	2.259	2.295	VV	785	13271	0.06%	0.003%
10	2.295	2.295	2.304	VV	605	2857	0.01%	0.001%
11	2.335	2.304	2.394	VV	36287	304114	1.30%	0.062%
12	2.410	2.394	2.438	VV	960	16832	0.07%	0.003%
13	2.445	2.438	2.453	VV	550	4404	0.02%	0.001%
14	2.464	2.453	2.484	VV	527	8480	0.04%	0.002%
15	2.487	2.484	2.491	VV	495	2059	0.01%	0.000%
16	2.503	2.491	2.530	VV	570	11032	0.05%	0.002%
17	2.544	2.530	2.549	VV	570	5244	0.02%	0.001%
18	2.562	2.549	2.575	VV	862	10488	0.04%	0.002%
19	2.579	2.575	2.595	VV	608	6126	0.03%	0.001%
20	2.611	2.595	2.650	VV	1859	28213	0.12%	0.006%
21	2.665	2.650	2.680	VV	1056	11716	0.05%	0.002%
22	2.693	2.680	2.706	VV	869	10084	0.04%	0.002%
23	2.709	2.706	2.719	VV	552	3937	0.02%	0.001%
24	2.728	2.719	2.739	VV	665	7061	0.03%	0.001%
25	2.744	2.739	2.760	VV	574	5315	0.02%	0.001%
26	2.763	2.760	2.767	VV	354	1568	0.01%	0.000%
27	2.801	2.767	2.810	VV	1006	14481	0.06%	0.003%
28	2.817	2.810	2.831	VV	1261	11042	0.05%	0.002%
29	2.836	2.831	2.847	VV	447	3835	0.02%	0.001%
30	2.856	2.847	2.873	VV	541	5678	0.02%	0.001%
31	2.898	2.873	2.920	VV	1814	31720	0.14%	0.006%
32	2.928	2.920	2.940	VV	642	6862	0.03%	0.001%
33	2.950	2.940	2.967	VV	618	8105	0.03%	0.002%
34	2.994	2.967	3.011	VV	1922	30124	0.13%	0.006%
35	3.016	3.011	3.032	VV	624	5015	0.02%	0.001%
36	3.064	3.032	3.083	VV	2713	35546	0.15%	0.007%

					retention			
37	3.092	3.083	3.101	VV	752	6890	0.03%	0.001%
38	3.115	3.101	3.143	VV	1955	25157	0.03%	0.001%
39	3.146	3.143	3.155	VV	404	2633	0.03%	0.001%
40	3.182	3.155	3.196	VV	2545	33929	0.03%	0.001%
41	3.207	3.196	3.224	VV	1309	13164	0.03%	0.001%
42	3.251	3.224	3.283	VV	609	12070	0.03%	0.001%
43	3.308	3.283	3.323	PV	362	5466	0.02%	0.001%
44	3.333	3.323	3.342	VV	594	4889	0.02%	0.001%
45	3.360	3.342	3.397	VV	11329	124766	0.54%	0.025%
46	3.409	3.397	3.443	VV	814	9427	0.04%	0.002%
47	3.464	3.443	3.472	PV	429	3641	0.02%	0.001%
48	3.486	3.472	3.500	VV	1438	14092	0.06%	0.003%
49	3.511	3.500	3.527	VV	907	9824	0.04%	0.002%
50	3.540	3.527	3.549	VV	781	6587	0.03%	0.001%
51	3.564	3.549	3.591	VV	1027	14015	0.06%	0.003%
52	3.603	3.591	3.613	VV	776	6474	0.03%	0.001%
53	3.629	3.613	3.660	VV	3498	46352	0.20%	0.009%
54	3.690	3.660	3.709	VV	1377	25246	0.11%	0.005%
55	3.735	3.709	3.780	VV	5107	72901	0.31%	0.015%
56	3.808	3.780	3.824	VV	3168	44205	0.19%	0.009%
57	3.830	3.824	3.844	VV	1072	9090	0.04%	0.002%
58	3.861	3.844	3.876	VV	4914	50956	0.22%	0.010%
59	3.881	3.876	3.895	VV	2012	18512	0.08%	0.004%
60	3.905	3.895	3.925	VV	2102	19128	0.08%	0.004%
61	3.948	3.925	4.000	PV	4902	80771	0.35%	0.016%
62	4.034	4.000	4.049	VV	6814	94333	0.40%	0.019%
63	4.061	4.049	4.082	VV	7346	76614	0.33%	0.015%
64	4.096	4.082	4.105	VV	2169	23832	0.10%	0.005%
65	4.129	4.105	4.152	VV	7449	87006	0.37%	0.018%
66	4.162	4.152	4.170	VV	441	3581	0.02%	0.001%
67	4.203	4.170	4.226	VV	8947	117482	0.50%	0.024%
68	4.241	4.226	4.266	VV	4187	62263	0.27%	0.013%
69	4.275	4.266	4.288	VV	1844	19820	0.09%	0.004%
70	4.297	4.288	4.324	VV	1543	15412	0.07%	0.003%
71	4.350	4.324	4.368	PV	2034	27797	0.12%	0.006%
72	4.392	4.368	4.411	VV	3217	41643	0.18%	0.008%
73	4.435	4.411	4.467	VV	74563	711285	3.05%	0.144%
74	4.482	4.467	4.497	VV	5027	51554	0.22%	0.010%
75	4.510	4.497	4.529	VV	2751	33496	0.14%	0.007%
76	4.544	4.529	4.573	VV	1507	22007	0.09%	0.004%
77	4.594	4.573	4.621	VV	3482	61528	0.26%	0.012%
78	4.636	4.621	4.648	VV	3208	37092	0.16%	0.008%
79	4.661	4.648	4.675	VV	2970	35117	0.15%	0.007%
80	4.690	4.675	4.706	VV	9457	89913	0.39%	0.018%
81	4.720	4.706	4.731	VV	4622	44195	0.19%	0.009%
82	4.746	4.731	4.757	VV	3505	45537	0.20%	0.009%
83	4.768	4.757	4.783	VV	4273	47032	0.20%	0.010%
84	4.794	4.783	4.798	VV	2249	18858	0.08%	0.004%
85	4.818	4.798	4.832	VV	5697	78430	0.34%	0.016%
86	4.851	4.832	4.880	VV	5844	107969	0.46%	0.022%
87	4.911	4.880	4.931	VV	7183	124601	0.53%	0.025%
88	4.970	4.931	4.985	VV	4072	71854	0.31%	0.015%
89	4.989	4.985	5.018	VV	2229	29088	0.12%	0.006%

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90	5.047	5.018	5.061	PV	6419	68595	0.29%	0.014%
91	5.080	5.061	5.104	VV	10162	146757		
92	5.117	5.104	5.147	VV	9246	133307		
93	5.160	5.147	5.168	VV	5969	54886		
94	5.180	5.168	5.205	VV	9988	121785		
95	5.208	5.205	5.222	VV	1725	11875		
96	5.242	5.222	5.258	VV	1319	18523	0.08%	0.004%
97	5.278	5.258	5.292	VV	4077	49057	0.21%	0.010%
98	5.299	5.292	5.309	VV	2923	26392	0.11%	0.005%
99	5.346	5.309	5.357	VV	5064	98538	0.42%	0.020%
100	5.369	5.357	5.386	VV	5844	70833	0.30%	0.014%
101	5.398	5.386	5.410	VV	2341	28941	0.12%	0.006%
102	5.429	5.410	5.452	VV	3257	45970	0.20%	0.009%
103	5.477	5.452	5.495	VV	56508	574808	2.47%	0.116%
104	5.506	5.495	5.534	VV	9580	143134	0.61%	0.029%
105	5.548	5.534	5.561	VV	2740	31922	0.14%	0.006%
106	5.567	5.561	5.584	VV	1416	12397	0.05%	0.003%
107	5.613	5.584	5.626	VV	1607	28845	0.12%	0.006%
108	5.632	5.626	5.643	VV	1442	12305	0.05%	0.002%
109	5.665	5.643	5.687	VV	10462	139982	0.60%	0.028%
110	5.694	5.687	5.705	VV	2321	21800	0.09%	0.004%
111	5.726	5.705	5.735	VV	2682	39050	0.17%	0.008%
112	5.765	5.735	5.803	VV	11164	230103	0.99%	0.047%
113	5.822	5.803	5.839	VV	7202	84747	0.36%	0.017%
114	5.857	5.839	5.879	VV	7755	115143	0.49%	0.023%
115	5.888	5.879	5.915	VV	4013	52560	0.23%	0.011%
116	5.934	5.915	5.959	VV	5248	66194	0.28%	0.013%
117	5.981	5.959	6.007	PV	5750	99882	0.43%	0.020%
118	6.037	6.007	6.055	VV	7917	132974	0.57%	0.027%
119	6.076	6.055	6.093	VV	9177	117061	0.50%	0.024%
120	6.120	6.093	6.146	VV	13263	184610	0.79%	0.037%
121	6.179	6.146	6.197	VV	11366	184001	0.79%	0.037%
122	6.209	6.197	6.216	VV	3909	40689	0.17%	0.008%
123	6.220	6.216	6.235	VV	4093	32769	0.14%	0.007%
124	6.251	6.235	6.278	VV	4753	85277	0.37%	0.017%
125	6.300	6.278	6.322	VV	5818	96394	0.41%	0.020%
126	6.343	6.322	6.362	VV	4359	64939	0.28%	0.013%
127	6.403	6.362	6.431	VV	6431	143845	0.62%	0.029%
128	6.462	6.431	6.512	VV	95693	1050954	4.51%	0.213%
129	6.524	6.512	6.539	VV	1621	19849	0.09%	0.004%
130	6.554	6.539	6.567	VV	2403	29640	0.13%	0.006%
131	6.580	6.567	6.592	VV	3498	42818	0.18%	0.009%
132	6.611	6.592	6.632	VV	15457	185984	0.80%	0.038%
133	6.662	6.632	6.675	VV	4793	92827	0.40%	0.019%
134	6.683	6.675	6.704	VV	3867	40772	0.17%	0.008%
135	6.745	6.704	6.765	VV	6405	107033	0.46%	0.022%
136	6.786	6.765	6.813	VV	5281	95361	0.41%	0.019%
137	6.821	6.813	6.835	VV	3383	31892	0.14%	0.006%
138	6.869	6.835	6.894	VV	14105	190302	0.82%	0.038%
139	6.907	6.894	6.914	VV	1769	17587	0.08%	0.004%
140	6.937	6.914	6.947	VV	2713	44257	0.19%	0.009%
141	6.964	6.947	6.972	VV	7889	82552	0.35%	0.017%

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0.29% 0.014%

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142	6.982	6.972	7.005	VV	8593	111037	0.48%	0.022%
143	7.024	7.005	7.049	VV	9746	131327		
144	7.067	7.049	7.085	VV	9678	123560		
145	7.099	7.085	7.112	VV	8141	93774		
146	7.124	7.112	7.148	VV	9000	103925		
147	7.167	7.148	7.210	VV	12502	179157		
148	7.235	7.210	7.253	VV	2870	56759	0.24%	0.011%
149	7.269	7.253	7.288	VV	4062	49941	0.21%	0.010%
150	7.312	7.288	7.331	VV	1837	39250	0.17%	0.008%
151	7.354	7.331	7.359	VV	2351	30920	0.13%	0.006%
152	7.389	7.359	7.419	VV	58448	770678	3.31%	0.156%
153	7.435	7.419	7.450	VV	6179	92410	0.40%	0.019%
154	7.456	7.450	7.470	VV	4729	49772	0.21%	0.010%
155	7.475	7.470	7.500	VV	3653	56689	0.24%	0.011%
156	7.512	7.500	7.537	VV	2558	43925	0.19%	0.009%
157	7.566	7.537	7.583	VV	9487	142946	0.61%	0.029%
158	7.587	7.583	7.610	VV	4404	53708	0.23%	0.011%
159	7.620	7.610	7.637	VV	2725	30592	0.13%	0.006%
160	7.665	7.637	7.674	VV	1546	23383	0.10%	0.005%
161	7.709	7.674	7.717	VV	4298	65158	0.28%	0.013%
162	7.728	7.717	7.744	VV	4655	56372	0.24%	0.011%
163	7.758	7.744	7.796	VV	3366	59640	0.26%	0.012%
164	7.831	7.796	7.859	VV	8777	195610	0.84%	0.040%
165	7.870	7.859	7.889	VV	6309	76260	0.33%	0.015%
166	7.912	7.889	7.934	VV	7723	96700	0.41%	0.020%
167	7.958	7.934	7.979	VV	9727	120502	0.52%	0.024%
168	8.013	7.979	8.056	VV	9231	217078	0.93%	0.044%
169	8.084	8.056	8.101	VV	12847	162358	0.70%	0.033%
170	8.107	8.101	8.158	VV	4390	109728	0.47%	0.022%
171	8.177	8.158	8.189	VV	4574	61866	0.27%	0.013%
172	8.204	8.189	8.211	VV	4861	53960	0.23%	0.011%
173	8.228	8.211	8.237	VV	5282	73956	0.32%	0.015%
174	8.264	8.237	8.295	VV	87680	1047030	4.49%	0.212%
175	8.310	8.295	8.329	VV	7648	116640	0.50%	0.024%
176	8.350	8.329	8.365	VV	5575	98816	0.42%	0.020%
177	8.379	8.365	8.400	VV	5653	99930	0.43%	0.020%
178	8.412	8.400	8.418	VV	3582	35103	0.15%	0.007%
179	8.431	8.418	8.444	VV	5700	69617	0.30%	0.014%
180	8.455	8.444	8.469	VV	4854	56340	0.24%	0.011%
181	8.490	8.469	8.528	VV	5403	107850	0.46%	0.022%
182	8.557	8.528	8.577	VV	2682	50785	0.22%	0.010%
183	8.580	8.577	8.602	VV	1617	20380	0.09%	0.004%
184	8.623	8.602	8.633	VV	3408	45198	0.19%	0.009%
185	8.640	8.633	8.652	VV	3490	34830	0.15%	0.007%
186	8.682	8.652	8.700	VV	7239	142635	0.61%	0.029%
187	8.714	8.700	8.718	VV	5844	51397	0.22%	0.010%
188	8.723	8.718	8.740	VV	5820	62613	0.27%	0.013%
189	8.755	8.740	8.775	VV	5681	84650	0.36%	0.017%
190	8.801	8.775	8.830	VV	18477	262867	1.13%	0.053%
191	8.855	8.830	8.870	VV	5398	71283	0.31%	0.014%
192	8.881	8.870	8.901	VV	2316	29445	0.13%	0.006%
193	8.921	8.901	8.936	VV	3187	45290	0.19%	0.009%
194	8.951	8.936	8.976	VV	3440	54875	0.24%	0.011%

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195	8.987	8.976	9.004	VV	1099	14962	0.06%	0.003%
196	9.027	9.004	9.046	VV	2669	52621		
197	9.089	9.046	9.121	VV	48642	638782		
198	9.131	9.121	9.157	VV	3415	53217		
199	9.191	9.157	9.210	VV	4140	87492		
200	9.243	9.210	9.264	VV	2283	44305		
201	9.293	9.264	9.306	PV	2294	29314	0.13%	0.006%
202	9.334	9.306	9.360	VV	4986	80089	0.34%	0.016%
203	9.396	9.360	9.414	VV	5281	96470	0.41%	0.020%
204	9.430	9.414	9.446	VV	4496	52921	0.23%	0.011%
205	9.475	9.446	9.501	VV	19740	313278	1.34%	0.063%
206	9.508	9.501	9.525	VV	3296	35487	0.15%	0.007%
207	9.547	9.525	9.576	VV	12381	180123	0.77%	0.036%
208	9.596	9.576	9.612	VV	5316	65361	0.28%	0.013%
209	9.646	9.612	9.667	VV	11494	185667	0.80%	0.038%
210	9.673	9.667	9.689	VV	2989	36368	0.16%	0.007%
211	9.699	9.689	9.735	VV	2732	46462	0.20%	0.009%
212	9.750	9.735	9.756	PV	562	4544	0.02%	0.001%
213	9.759	9.756	9.769	VV	521	2333	0.01%	0.000%
214	9.804	9.769	9.847	VV	5797	181329	0.78%	0.037%
215	9.871	9.847	9.890	VV	84800	982169	4.21%	0.199%
216	9.899	9.890	9.920	VV	14892	157810	0.68%	0.032%
217	9.940	9.920	9.963	VV	3189	48433	0.21%	0.010%
218	9.987	9.963	10.003	VV	2205	33859	0.15%	0.007%
219	10.021	10.003	10.052	PV	5211	70902	0.30%	0.014%
220	10.094	10.052	10.134	VV	29993	650161	2.79%	0.132%
221	10.169	10.134	10.184	VV	15683	246303	1.06%	0.050%
222	10.209	10.184	10.227	VV	28938	531934	2.28%	0.108%
223	10.243	10.227	10.248	VV	27638	282709	1.21%	0.057%
224	10.262	10.248	10.299	VV	41481	638106	2.74%	0.129%
225	10.308	10.299	10.318	VV	5600	56851	0.24%	0.012%
226	10.352	10.318	10.375	VV	100958	1312432	5.63%	0.266%
227	10.387	10.375	10.417	VV	15737	277857	1.19%	0.056%
228	10.433	10.417	10.449	VV	9203	117527	0.50%	0.024%
229	10.475	10.449	10.494	VV	10699	159767	0.69%	0.032%
230	10.541	10.494	10.555	VV	76759	1302290	5.59%	0.263%
231	10.571	10.555	10.591	VV	102817	1212934	5.20%	0.245%
232	10.612	10.591	10.629	VV	44309	555394	2.38%	0.112%
233	10.647	10.629	10.668	VV	54659	703521	3.02%	0.142%
234	10.684	10.668	10.707	VV	24815	410398	1.76%	0.083%
235	10.723	10.707	10.745	VV	18320	254518	1.09%	0.051%
236	10.769	10.745	10.773	VV	14772	165989	0.71%	0.034%
237	10.788	10.773	10.813	VV	21048	341439	1.46%	0.069%
238	10.833	10.813	10.850	VV	9475	156982	0.67%	0.032%
239	10.878	10.850	10.914	VV	41194	753711	3.23%	0.152%
240	10.937	10.914	10.953	VV	25250	424514	1.82%	0.086%
241	10.969	10.953	11.000	VV	25283	507570	2.18%	0.103%
242	11.033	11.000	11.078	VV	24880	707396	3.03%	0.143%
243	11.095	11.078	11.110	VV	19053	256141	1.10%	0.052%
244	11.129	11.110	11.149	VV	41068	507516	2.18%	0.103%
245	11.173	11.149	11.190	VV	19472	324569	1.39%	0.066%
246	11.211	11.190	11.221	VV	24355	349098	1.50%	0.071%

Instrument :

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ClientSampleId :

SP25-02-20211111-10.0-10.5MSD

0.06% 0.003%

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/15/2021

Supervised By :mohammad ahmed 11/15/2021

				rters				
247	11.243	11.221	11.267	VV	49002	754944	3.24%	0.153%
248	11.318	11.267	11.339	VV	103387	2040318	8.40%	0.208%
249	11.345	11.339	11.365	VV	29313	348607	5.84%	0.275%
250	11.395	11.365	11.436	VV	64624	1245173	5.84%	0.275%
251	11.475	11.436	11.492	VV	37432	740287	3.24%	0.153%
252	11.510	11.492	11.522	VV	31418	500953	2.65%	0.125%
253	11.534	11.522	11.552	VV	41605	618454	4.40%	0.208%
254	11.573	11.552	11.602	VV	41593	1026726	4.40%	0.208%
255	11.632	11.602	11.661	VV	63858	1361636	5.84%	0.275%
256	11.686	11.661	11.697	VV	36255	635523	2.73%	0.129%
257	11.726	11.697	11.746	VV	74456	1520897	6.52%	0.308%
258	11.782	11.746	11.841	VV	73725	3139120	13.46%	0.635%
259	11.880	11.841	11.921	VV	120688	3574429	15.33%	0.723%
260	11.942	11.921	11.965	VV	88065	1851812	7.94%	0.375%
261	12.006	11.965	12.019	VV	115598	2938023	12.60%	0.594%
262	12.030	12.019	12.046	VV	106346	1626050	6.97%	0.329%
263	12.050	12.046	12.062	VV	97994	863762	3.70%	0.175%
264	12.084	12.062	12.090	VV	110896	1684138	7.22%	0.341%
265	12.098	12.090	12.112	VV	110927	1318697	5.66%	0.267%
266	12.131	12.112	12.158	VV	105109	2351361	10.09%	0.476%
267	12.175	12.158	12.202	VV	102406	2091588	8.97%	0.423%
268	12.218	12.202	12.233	VV	107507	1643472	7.05%	0.332%
269	12.251	12.233	12.273	VV	124929	2411652	10.34%	0.488%
270	12.277	12.273	12.300	VV	83162	1073566	4.60%	0.217%
271	12.340	12.300	12.361	VV	85747	2233282	9.58%	0.452%
272	12.390	12.361	12.404	VV	116781	2154472	9.24%	0.436%
273	12.421	12.404	12.459	VV	126777	2737913	11.74%	0.554%
274	12.479	12.459	12.498	VV	94523	1614603	6.93%	0.327%
275	12.516	12.498	12.536	VV	66443	1340202	5.75%	0.271%
276	12.553	12.536	12.562	VV	75079	1043319	4.48%	0.211%
277	12.578	12.562	12.604	VV	108535	1998545	8.57%	0.404%
278	12.637	12.604	12.655	VV	111704	2572658	11.03%	0.520%
279	12.677	12.655	12.691	VV	112531	2086968	8.95%	0.422%
280	12.711	12.691	12.726	VV	148801	2575086	11.05%	0.521%
281	12.732	12.726	12.754	VV	127665	1680115	7.21%	0.340%
282	12.777	12.754	12.794	VV	92342	2086392	8.95%	0.422%
283	12.809	12.794	12.828	VV	101670	1746343	7.49%	0.353%
284	12.848	12.828	12.900	VV	118847	3792367	16.27%	0.767%
285	12.913	12.900	12.935	VV	68924	1312230	5.63%	0.265%
286	12.974	12.935	12.991	VV	111342	2991911	12.83%	0.605%
287	13.014	12.991	13.033	VV	145136	2997287	12.86%	0.606%
288	13.081	13.033	13.114	VV	1395061	23314006	100.00%	4.717%
289	13.133	13.114	13.156	VV	688932	9436711	40.48%	1.909%
290	13.167	13.156	13.184	VV	121286	1875868	8.05%	0.380%
291	13.200	13.184	13.226	VV	112929	2646089	11.35%	0.535%
292	13.249	13.226	13.263	VV	110599	2191372	9.40%	0.443%
293	13.301	13.263	13.330	VV	305807	8022710	34.41%	1.623%
294	13.353	13.330	13.409	VV	277268	7315551	31.38%	1.480%
295	13.429	13.409	13.451	VV	120321	2650651	11.37%	0.536%
296	13.486	13.451	13.495	VV	113667	2828017	12.13%	0.572%
297	13.502	13.495	13.510	VV	110882	1029708	4.42%	0.208%
298	13.519	13.510	13.548	VV	114502	2297005	9.85%	0.465%
299	13.553	13.548	13.560	VV	88391	618814	2.65%	0.125%

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300	13.616	13.560	13.663	VV	119044	5978634	25.64%	1.210%
301	13.688	13.663	13.713	VV	104567	2836069	12.56%	0.210%
302	13.740	13.713	13.770	VV	122083	3578683	15.64%	0.210%
303	13.794	13.770	13.799	VV	86974	1468722	6.04%	0.210%
304	13.803	13.799	13.819	VV	86586	986657	4.24%	0.210%
305	13.843	13.819	13.883	VV	125191	3797515	16.04%	0.210%
306	13.893	13.883	13.912	VV	91428	1518819	6.51%	0.307%
307	13.918	13.912	13.938	VV	85431	1250039	5.36%	0.253%
308	13.962	13.938	13.989	VV	97999	2735714	11.73%	0.553%
309	14.000	13.989	14.026	VV	94403	1946473	8.35%	0.394%
310	14.059	14.026	14.081	VV	108829	3003202	12.88%	0.608%
311	14.109	14.081	14.134	VV	96314	2789094	11.96%	0.564%
312	14.173	14.134	14.196	VV	100568	3226735	13.84%	0.653%
313	14.208	14.196	14.223	VV	82485	1291660	5.54%	0.261%
314	14.239	14.223	14.244	VV	82980	1047432	4.49%	0.212%
315	14.250	14.244	14.266	VV	85739	1068760	4.58%	0.216%
316	14.281	14.266	14.286	VV	86037	990151	4.25%	0.200%
317	14.292	14.286	14.317	VV	87660	1503862	6.45%	0.304%
318	14.330	14.317	14.338	VV	82734	993586	4.26%	0.201%
319	14.342	14.338	14.346	VV	82146	403435	1.73%	0.082%
320	14.360	14.346	14.388	VV	92700	2090374	8.97%	0.423%
321	14.409	14.388	14.434	VV	94830	2385501	10.23%	0.483%
322	14.457	14.434	14.465	VV	100201	1720314	7.38%	0.348%
323	14.472	14.465	14.491	VV	96101	1426648	6.12%	0.289%
324	14.515	14.491	14.519	VV	104278	1598263	6.86%	0.323%
325	14.526	14.519	14.559	VV	103583	2309810	9.91%	0.467%
326	14.585	14.559	14.611	VV	101728	2983850	12.80%	0.604%
327	14.630	14.611	14.635	VV	98150	1344618	5.77%	0.272%
328	14.651	14.635	14.669	VV	102352	2017960	8.66%	0.408%
329	14.695	14.669	14.701	VV	116113	2078325	8.91%	0.420%
330	14.723	14.701	14.731	VV	127398	2146593	9.21%	0.434%
331	14.743	14.731	14.775	VV	131684	3204186	13.74%	0.648%
332	14.780	14.775	14.789	VV	113865	998524	4.28%	0.202%
333	14.813	14.789	14.820	VV	124449	2162613	9.28%	0.438%
334	14.857	14.820	14.888	VV	145168	5375627	23.06%	1.088%
335	14.910	14.888	14.925	VV	159812	3217810	13.80%	0.651%
336	14.951	14.925	14.989	VV	206899	6718648	28.82%	1.359%
337	15.003	14.989	15.012	VV	160301	2118385	9.09%	0.429%
338	15.019	15.012	15.036	VV	157901	2161441	9.27%	0.437%
339	15.069	15.036	15.078	VV	176035	3987642	17.10%	0.807%
340	15.082	15.078	15.104	VV	175915	2614379	11.21%	0.529%
341	15.132	15.104	15.150	VV	187840	4895790	21.00%	0.990%
342	15.170	15.150	15.194	VV	205615	4937339	21.18%	0.999%
343	15.218	15.194	15.237	VV	208796	5074740	21.77%	1.027%
344	15.253	15.237	15.274	VV	214246	4460067	19.13%	0.902%
345	15.284	15.274	15.295	VV	198943	2438365	10.46%	0.493%
346	15.347	15.295	15.384	VV	240243	11333956	48.61%	2.293%
347	15.405	15.384	15.427	VV	225348	5391716	23.13%	1.091%
348	15.431	15.427	15.435	VV	201419	938762	4.03%	0.190%
349	15.443	15.435	15.449	VV	208023	1824020	7.82%	0.369%
350	15.464	15.449	15.468	VV	212273	2280326	9.78%	0.461%
351	15.481	15.468	15.502	VV	221447	4352854	18.67%	0.881%

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Client-Sample Data						SP25-02-20211111-1		
Index	Value A	Value B	Value C	Value D	Value E	Value F	Value G	Value H
352	15.525	15.502	15.550	VV	240969	6382196	27.37%	1.291%
353	15.570	15.550	15.581	VV	220424	3895471	16.52%	0.543%
354	15.606	15.581	15.642	VV	245339	8033024	34.00%	1.340%
355	15.648	15.642	15.671	VV	201253	3291353	14.00%	0.774%
356	15.683	15.671	15.699	VV	200266	3412934	14.00%	0.803%
357	15.720	15.699	15.751	VV	215256	6006847	25.00%	0.339%
358	15.772	15.751	15.776	VV	205348	2684771	11.52%	0.543%
359	15.780	15.776	15.838	VV	200155	6621904	28.40%	1.340%
360	15.852	15.838	15.878	VV	178426	3825426	16.41%	0.774%
361	15.889	15.878	15.923	VV	161434	3971575	17.04%	0.803%
362	15.938	15.923	15.943	VV	148252	1676585	7.19%	0.339%
363	15.952	15.943	15.956	VV	149729	1169482	5.02%	0.237%
364	15.973	15.956	15.995	VV	174410	3559251	15.27%	0.720%
365	16.003	15.995	16.014	VV	130001	1411561	6.05%	0.286%
366	16.018	16.014	16.064	VV	126888	3441402	14.76%	0.696%
367	16.068	16.064	16.087	VV	103856	1376235	5.90%	0.278%
368	16.099	16.087	16.111	VV	101358	1394133	5.98%	0.282%
369	16.145	16.111	16.173	VV	101200	3470572	14.89%	0.702%
370	16.192	16.173	16.218	VV	95328	2312966	9.92%	0.468%
371	16.239	16.218	16.254	VV	82179	1677027	7.19%	0.339%
372	16.276	16.254	16.301	VV	78964	2063976	8.85%	0.418%
373	16.307	16.301	16.335	VV	66829	1339701	5.75%	0.271%
374	16.348	16.335	16.368	VV	64605	1206582	5.18%	0.244%
375	16.376	16.368	16.382	VV	59885	502461	2.16%	0.102%
376	16.388	16.382	16.420	VV	60995	1291319	5.54%	0.261%
377	16.429	16.420	16.446	VV	55248	835121	3.58%	0.169%
378	16.479	16.446	16.531	VV	79835	3066711	13.15%	0.620%
379	16.536	16.531	16.542	VV	46331	297909	1.28%	0.060%
380	16.551	16.542	16.556	VV	47134	381873	1.64%	0.077%
381	16.562	16.556	16.588	VV	47832	862598	3.70%	0.175%
382	16.595	16.588	16.599	VV	46521	288390	1.24%	0.058%
383	16.610	16.599	16.673	VV	51264	1960492	8.41%	0.397%
384	16.677	16.673	16.682	VV	40870	221080	0.95%	0.045%
385	16.694	16.682	16.715	VV	43220	781628	3.35%	0.158%
386	16.729	16.715	16.743	VV	39681	645778	2.77%	0.131%
387	16.747	16.743	16.752	VV	39646	218367	0.94%	0.044%
388	16.816	16.752	16.845	VV	60109	2513046	10.78%	0.508%
389	16.864	16.845	16.903	VV	55684	1480125	6.35%	0.299%
390	16.928	16.903	16.948	VV	62416	1285943	5.52%	0.260%
391	16.967	16.948	17.011	VV	46014	1417663	6.08%	0.287%
392	17.018	17.011	17.022	VV	31417	192901	0.83%	0.039%
393	17.029	17.022	17.033	VV	33317	224996	0.97%	0.046%
394	17.037	17.033	17.094	VV	33424	1097858	4.71%	0.222%
395	17.105	17.094	17.110	VV	31430	299305	1.28%	0.061%
396	17.132	17.110	17.151	VV	35632	815528	3.50%	0.165%
397	17.183	17.151	17.217	VV	47844	1441787	6.18%	0.292%
398	17.257	17.217	17.280	VV	42132	1323991	5.68%	0.268%
399	17.288	17.280	17.307	VV	33860	519631	2.23%	0.105%
400	17.323	17.307	17.336	VV	33250	536249	2.30%	0.108%
401	17.354	17.336	17.400	VV	43632	1356614	5.82%	0.274%
402	17.408	17.400	17.415	VV	30345	257748	1.11%	0.052%
403	17.427	17.415	17.433	VV	31642	319246	1.37%	0.065%
404	17.437	17.433	17.444	VV	29537	186629	0.80%	0.038%

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405	17.453	17.444	17.466	VV	29826	378390		
406	17.472	17.466	17.480	VV	28987	242925		
407	17.507	17.480	17.545	VV	37113	1220400		
408	17.557	17.545	17.567	VV	31262	384997		
409	17.571	17.567	17.586	VV	29733	320597		
410	17.590	17.586	17.602	VV	29204	282342		
411	17.606	17.602	17.619	VV	28560	274101	1.18%	0.055%
412	17.625	17.619	17.633	VV	26847	207275	0.89%	0.042%
413	17.656	17.633	17.662	VV	31735	509707	2.19%	0.103%
414	17.664	17.662	17.670	VV	31107	136786	0.59%	0.028%
415	17.678	17.670	17.703	VV	30629	529475	2.27%	0.107%
416	17.721	17.703	17.750	VV	30246	759619	3.26%	0.154%
417	17.772	17.750	17.785	VV	27863	558667	2.40%	0.113%
418	17.822	17.785	17.851	VV	58859	1479216	6.34%	0.299%
419	17.872	17.851	17.891	VV	31620	697540	2.99%	0.141%
420	17.900	17.891	17.917	VV	30292	447753	1.92%	0.091%
421	17.972	17.917	17.989	VV	63704	1716913	7.36%	0.347%
422	18.004	17.989	18.054	VV	44847	1358415	5.83%	0.275%
423	18.074	18.054	18.114	VV	29353	987219	4.23%	0.200%
424	18.123	18.114	18.132	VV	28607	304459	1.31%	0.062%
425	18.153	18.132	18.159	VV	33822	475887	2.04%	0.096%
426	18.175	18.159	18.201	VV	36769	824579	3.54%	0.167%
427	18.207	18.201	18.214	VV	29701	230393	0.99%	0.047%
428	18.218	18.214	18.229	VV	28862	243177	1.04%	0.049%
429	18.248	18.229	18.274	VV	42930	912655	3.91%	0.185%
430	18.289	18.274	18.299	VV	32688	455044	1.95%	0.092%
431	18.301	18.299	18.305	VV	31001	104139	0.45%	0.021%
432	18.309	18.305	18.317	VV	30475	224860	0.96%	0.045%
433	18.342	18.317	18.369	VV	63304	1304543	5.60%	0.264%
434	18.377	18.369	18.397	VV	31562	492944	2.11%	0.100%
435	18.414	18.397	18.436	VV	31488	651798	2.80%	0.132%
436	18.440	18.436	18.447	VV	26486	170930	0.73%	0.035%
437	18.453	18.447	18.479	VV	28282	490427	2.10%	0.099%
438	18.501	18.479	18.529	VV	42468	978252	4.20%	0.198%
439	18.537	18.529	18.564	VV	26924	523016	2.24%	0.106%
440	18.572	18.564	18.591	VV	25485	400744	1.72%	0.081%
441	18.597	18.591	18.599	VV	24182	102083	0.44%	0.021%
442	18.654	18.599	18.701	VV	59726	2070793	8.88%	0.419%
443	18.710	18.701	18.739	VV	24752	541368	2.32%	0.110%
444	18.764	18.739	18.792	VV	36844	930959	3.99%	0.188%
445	18.818	18.792	18.869	VV	39178	1359552	5.83%	0.275%
446	18.896	18.869	18.900	VV	28053	479570	2.06%	0.097%
447	18.905	18.900	18.913	VV	28169	199770	0.86%	0.040%
448	18.915	18.913	18.934	VV	28162	355904	1.53%	0.072%
449	18.947	18.934	18.975	VV	31220	677096	2.90%	0.137%
450	18.981	18.975	18.994	VV	26197	278948	1.20%	0.056%
451	19.054	18.994	19.074	VV	37329	1466174	6.29%	0.297%
452	19.100	19.074	19.132	VV	35038	1067874	4.58%	0.216%
453	19.166	19.132	19.196	VV	33248	1154290	4.95%	0.234%
454	19.200	19.196	19.219	VV	31120	407325	1.75%	0.082%
455	19.229	19.219	19.233	VV	29577	246280	1.06%	0.050%
456	19.253	19.233	19.257	VV	30508	421161	1.81%	0.085%

Instrument :

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ClientSampleId :

SP25-02-20211111-10.0-10.5MSD

1.62% 0.077%

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/15/2021

Supervised By :mohammad ahmed 11/15/2021

SP25-02-20211111-1							Manual Integration	
Reviewed By : Ank							Supervised By : m	
457	19.282	19.257	19.288	VV	30852	550040	2.36%	0.111%
458	19.293	19.288	19.299	VV	30820	189784	0.00%	0.000%
459	19.323	19.299	19.327	VV	31052	506239	2.00%	0.000%
460	19.346	19.327	19.378	VV	33145	942173	4.00%	0.000%
461	19.385	19.378	19.392	VV	31100	254512	1.00%	0.000%
462	19.397	19.392	19.402	VV	29559	177089	0.00%	0.000%
463	19.406	19.402	19.410	VV	30154	122761	0.53%	0.025%
464	19.442	19.410	19.465	VV	64635	1457733	6.25%	0.295%
465	19.473	19.465	19.502	VV	37496	766280	3.29%	0.155%
466	19.506	19.502	19.514	VV	30346	213807	0.92%	0.043%
467	19.518	19.514	19.527	VV	32256	251912	1.08%	0.051%
468	19.568	19.527	19.589	VV	37918	1250852	5.37%	0.253%
469	19.597	19.589	19.625	VV	36471	743876	3.19%	0.150%
470	19.633	19.625	19.639	VV	34622	278123	1.19%	0.056%
471	19.663	19.639	19.669	VV	40175	676848	2.90%	0.137%
472	19.675	19.669	19.689	VV	39323	454531	1.95%	0.092%
473	19.691	19.689	19.709	VV	37730	434329	1.86%	0.088%
474	19.728	19.709	19.733	VV	39581	518206	2.22%	0.105%
475	19.738	19.733	19.744	VV	40060	267555	1.15%	0.054%
476	19.753	19.744	19.758	VV	39689	330049	1.42%	0.067%
477	19.762	19.758	19.774	VV	39755	360616	1.55%	0.073%
478	19.805	19.774	19.838	VV	47826	1612991	6.92%	0.326%
479	19.850	19.838	19.862	VV	40469	575455	2.47%	0.116%
480	19.871	19.862	19.891	VV	41490	670454	2.88%	0.136%
481	19.896	19.891	19.899	VV	36481	170877	0.73%	0.035%
482	19.914	19.899	19.926	VV	38408	598456	2.57%	0.121%
483	19.936	19.926	19.942	VV	37563	347116	1.49%	0.070%
484	19.954	19.942	19.959	VV	39188	389554	1.67%	0.079%
485	19.980	19.959	19.989	VV	43476	746132	3.20%	0.151%
486	19.991	19.989	20.005	VV	42006	383404	1.64%	0.078%
487	20.016	20.005	20.032	VV	39541	617924	2.65%	0.125%
488	20.053	20.032	20.062	VV	44652	754576	3.24%	0.153%
489	20.066	20.062	20.077	VV	44352	370656	1.59%	0.075%
490	20.098	20.077	20.117	VV	46037	1026807	4.40%	0.208%
491	20.128	20.117	20.135	VV	42005	433371	1.86%	0.088%
492	20.153	20.135	20.157	VV	40662	518182	2.22%	0.105%
493	20.184	20.157	20.211	VV	70009	1763093	7.56%	0.357%
494	20.227	20.211	20.232	VV	45614	541569	2.32%	0.110%
495	20.263	20.232	20.289	VV	46699	1503243	6.45%	0.304%
496	20.295	20.289	20.298	VV	45116	219520	0.94%	0.044%
497	20.302	20.298	20.308	VV	45075	272586	1.17%	0.055%
498	20.311	20.308	20.314	VV	43444	155124	0.67%	0.031%
499	20.318	20.314	20.323	VV	45166	239100	1.03%	0.048%
500	20.331	20.323	20.339	VV	45276	400808	1.72%	0.081%
501	20.344	20.339	20.363	VV	45156	641172	2.75%	0.130%
502	20.367	20.363	20.374	VV	42187	267975	1.15%	0.054%
503	20.391	20.374	20.396	VV	43710	545271	2.34%	0.110%
504	20.402	20.396	20.408	VV	43542	318255	1.37%	0.064%
505	20.411	20.408	20.421	VV	41738	301161	1.29%	0.061%
506	20.441	20.421	20.446	VV	41340	590981	2.53%	0.120%
507	20.451	20.446	20.456	VV	40443	249012	1.07%	0.050%
508	20.464	20.456	20.477	VV	40199	487397	2.09%	0.099%
509	20.482	20.477	20.489	VV	39316	265869	1.14%	0.054%

510	20.506	20.489	20.513	VV	37950	517769	2.22%	0.105%
511	20.517	20.513	20.521	VV	36354	171196		
512	20.543	20.521	20.581	VV	44122	1414092		
513	20.591	20.581	20.601	VV	36053	420053		
514	20.606	20.601	20.634	VV	37583	693043		
515	20.649	20.634	20.657	VV	35898	464692		
516	20.673	20.657	20.700	VV	35779	905702	3.88%	0.183%
517	20.712	20.700	20.728	VV	37199	579839	2.49%	0.117%
518	20.732	20.728	20.758	VV	35635	585261	2.51%	0.118%
519	20.766	20.758	20.777	VV	32559	368256	1.58%	0.075%
520	20.788	20.777	20.819	VV	32458	732482	3.14%	0.148%
521	20.823	20.819	20.836	VV	27834	273910	1.17%	0.055%
522	20.840	20.836	20.868	VV	26809	488169	2.09%	0.099%
523	20.887	20.868	20.895	VV	25684	399953	1.72%	0.081%
524	20.937	20.895	20.981	VV	48417	1690326	7.25%	0.342%
525	20.991	20.981	20.995	VV	25113	207057	0.89%	0.042%
526	21.000	20.995	21.011	VV	26079	236758	1.02%	0.048%
527	21.015	21.011	21.059	VV	27030	695576	2.98%	0.141%
528	21.062	21.059	21.075	VV	23477	218493	0.94%	0.044%
529	21.081	21.075	21.084	VV	24191	119348	0.51%	0.024%
530	21.088	21.084	21.092	VV	24630	116542	0.50%	0.024%
531	21.100	21.092	21.116	VV	23997	328137	1.41%	0.066%
532	21.121	21.116	21.149	VV	23634	418802	1.80%	0.085%
533	21.155	21.149	21.181	VV	19377	333741	1.43%	0.068%
534	21.190	21.181	21.224	VV	15852	352976	1.51%	0.071%
535	21.230	21.224	21.236	VV	12691	81242	0.35%	0.016%
536	21.246	21.236	21.259	VV	13548	175830	0.75%	0.036%
537	21.274	21.259	21.301	VV	14500	321645	1.38%	0.065%
538	21.306	21.301	21.309	VV	12937	63328	0.27%	0.013%
539	21.313	21.309	21.316	VV	13214	49312	0.21%	0.010%
540	21.327	21.316	21.334	VV	14528	145356	0.62%	0.029%
541	21.368	21.334	21.381	VV	18700	438598	1.88%	0.089%
542	21.384	21.381	21.406	VV	16219	218188	0.94%	0.044%
543	21.410	21.406	21.429	VV	12808	167379	0.72%	0.034%
544	21.442	21.429	21.491	VV	12681	398014	1.71%	0.081%
545	21.496	21.491	21.501	VV	10520	57261	0.25%	0.012%
546	21.507	21.501	21.535	VV	11172	189384	0.81%	0.038%
547	21.539	21.535	21.549	VV	10052	71907	0.31%	0.015%
548	21.554	21.549	21.562	VV	8567	60770	0.26%	0.012%
549	21.577	21.562	21.582	VV	8159	84999	0.36%	0.017%
550	21.587	21.582	21.596	VV	8093	62467	0.27%	0.013%
551	21.602	21.596	21.617	VV	7892	92562	0.40%	0.019%
552	21.620	21.617	21.627	VV	6895	40328	0.17%	0.008%
553	21.632	21.627	21.639	VV	7457	51122	0.22%	0.010%
554	21.645	21.639	21.667	VV	8005	96710	0.41%	0.020%
555	21.674	21.667	21.686	VV	4555	41666	0.18%	0.008%
556	21.692	21.686	21.706	VV	3234	28532	0.12%	0.006%
557	21.709	21.706	21.719	VV	2711	14661	0.06%	0.003%
558	21.730	21.719	21.736	VV	2870	20575	0.09%	0.004%
559	21.756	21.736	21.774	VV	2499	44391	0.19%	0.009%
560	21.779	21.774	21.788	VV	2600	15970	0.07%	0.003%
561	21.795	21.788	21.805	VV	2310	16908	0.07%	0.003%

Instrument :

FID_G

ClientSampleId :

SP25-02-20211111-10.0-10.5MSD

2.22% 0.105%

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/15/2021

Supervised By :mohammad ahmed 11/15/2021

						rters	
562	21.809	21.805	21.822	VV	1534	9441	
563	21.833	21.822	21.840	VV	1792	13375	
564	21.881	21.840	21.901	PBA	13955	310656	
							Sum of corrected areas: 4942

FG110121.M Mon Nov 15 09:28:48 2021

Instrument :
FID_G
ClientSampleId :
SP25-02-20211111-10.0-10.5MSD
0.04% 0.002%

Manual IntegrationsAPPROVED
Reviewed By :Ankita Jodhani 11/15/2021
Supervised By :mohammad ahmed 11/15/2021