

rters

Instrument :

FID_G

ClientSampleId :

WC-8-9-2-1MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04042
Data File : FG009512.D
Signal(s) : FID1A.ch
Acq On : 04 Apr 2022 16:16
Sample : N2246-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/05/2022
Supervised By :mohammad ahmed 04/06/2022

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	2.013	BV	4058734	22021601	6.62%	0.134%
2	2.017	2.013	2.042	VV	2648727	16131124	4.85%	0.098%
3	2.060	2.042	2.077	VV	875005	6878402	2.07%	0.042%
4	2.095	2.077	2.105	VV	841868	7174649	2.16%	0.044%
5	2.126	2.105	2.152	VV	1768111	21487745	6.46%	0.130%
6	2.170	2.152	2.203	VV	2992794	24332101	7.32%	0.148%
7	2.234	2.203	2.267	VV	2661851	24071301	7.24%	0.146%
8	2.299	2.267	2.327	VV	504869	5826981	1.75%	0.035%
9	2.335	2.327	2.342	VV	52453	416404	0.13%	0.003%
10	2.356	2.342	2.370	VV	283367	2679264	0.81%	0.016%
11	2.394	2.370	2.408	VV	358678	5033279	1.51%	0.031%
12	2.419	2.408	2.435	VV	246779	2837629	0.85%	0.017%
13	2.462	2.435	2.490	VV	1242017	23460272	7.05%	0.142%
14	2.511	2.490	2.524	VV	3648543	42233402	12.70%	0.256%
15	2.541	2.524	2.553	VV	2744697	37337299	11.23%	0.226%
16	2.574	2.553	2.584	VV	5789978	59856886	18.00%	0.363%
17	2.597	2.584	2.621	VV	2316001	33185145	9.98%	0.201%
18	2.630	2.621	2.663	VV	1194239	15882879	4.78%	0.096%
19	2.719	2.663	2.744	VV	3092479	55541260	16.70%	0.337%
20	2.750	2.744	2.768	VV	192786	1669517	0.50%	0.010%
21	2.805	2.768	2.816	VV	2766724	30170672	9.07%	0.183%
22	2.825	2.816	2.838	VV	1348890	13515782	4.06%	0.082%
23	2.850	2.838	2.873	VV	983720	12057393	3.63%	0.073%
24	2.884	2.873	2.891	VV	165260	1506927	0.45%	0.009%
25	2.912	2.891	2.926	VV	722472	9134934	2.75%	0.055%
26	2.945	2.926	2.977	VV	1708022	30585335	9.20%	0.185%
27	3.006	2.977	3.049	VV	1200951	24579240	7.39%	0.149%
28	3.091	3.049	3.104	VV	4082928	69194525	20.80%	0.420%
29	3.112	3.104	3.126	VV	2822276	22497623	6.76%	0.136%
30	3.135	3.126	3.141	VV	501058	4140605	1.24%	0.025%
31	3.152	3.141	3.182	VV	645588	8302663	2.50%	0.050%
32	3.199	3.182	3.213	VV	384703	4140069	1.24%	0.025%
33	3.228	3.213	3.238	VV	539438	5985453	1.80%	0.036%
34	3.284	3.238	3.299	VV	2775878	50300632	15.12%	0.305%
35	3.304	3.299	3.339	VV	869644	9503145	2.86%	0.058%
36	3.362	3.339	3.368	VV	855793	8615224	2.59%	0.052%

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37	3.388	3.368	3.401	VV	3042200	36442070	10.96%	0.221%
38	3.411	3.401	3.429	VV	1726574	19950406		
39	3.449	3.429	3.460	VV	1259141	18627400		
40	3.473	3.460	3.492	VV	1247747	19623032		
41	3.501	3.492	3.512	VV	720656	7507970		
42	3.541	3.512	3.570	VV	4607617	76674755		
43	3.606	3.570	3.628	VV	1503458	37130779	11.16%	0.225%
44	3.667	3.628	3.699	VV	6519846	126233686	37.95%	0.765%
45	3.736	3.699	3.763	VV	4833727	89045902	26.77%	0.540%
46	3.775	3.763	3.801	VV	1315221	20453697	6.15%	0.124%
47	3.827	3.801	3.839	VV	4175219	44485877	13.38%	0.270%
48	3.868	3.839	3.914	VV	2949790	71980519	21.64%	0.436%
49	3.933	3.914	3.941	VV	1030268	12258800	3.69%	0.074%
50	3.948	3.941	3.957	VV	953151	8571792	2.58%	0.052%
51	3.973	3.957	3.991	VV	1611588	25152643	7.56%	0.153%
52	4.009	3.991	4.029	VV	2291340	38320282	11.52%	0.232%
53	4.042	4.029	4.064	VV	1943691	27390978	8.24%	0.166%
54	4.104	4.064	4.115	VV	1836118	31613200	9.51%	0.192%
55	4.132	4.115	4.142	VV	2246238	31980419	9.62%	0.194%
56	4.161	4.142	4.181	VV	3594838	57165872	17.19%	0.347%
57	4.192	4.181	4.229	VV	1757835	32720366	9.84%	0.198%
58	4.264	4.229	4.283	VV	2196933	38260464	11.50%	0.232%
59	4.301	4.283	4.326	VV	2234933	40814625	12.27%	0.247%
60	4.338	4.326	4.371	VV	1464410	32182014	9.68%	0.195%
61	4.385	4.371	4.399	VV	953745	12835701	3.86%	0.078%
62	4.417	4.399	4.455	VV	1543470	30040062	9.03%	0.182%
63	4.465	4.455	4.471	VV	600926	5638325	1.70%	0.034%
64	4.488	4.471	4.495	VV	951615	11421705	3.43%	0.069%
65	4.518	4.495	4.528	VV	1729340	28025123	8.43%	0.170%
66	4.551	4.528	4.596	VV	2470149	76276198	22.93%	0.462%
67	4.628	4.596	4.661	VV	4149537	101453607	30.50%	0.615%
68	4.681	4.661	4.694	VV	2476814	43665275	13.13%	0.265%
69	4.700	4.694	4.723	VV	2196632	32466762	9.76%	0.197%
70	4.742	4.723	4.754	VV	2079089	33406500	10.04%	0.203%
71	4.781	4.754	4.804	VV	4391528	85314857	25.65%	0.517%
72	4.839	4.804	4.863	VV	3636215	77353825	23.26%	0.469%
73	4.881	4.863	4.896	VV	1693311	27178213	8.17%	0.165%
74	4.919	4.896	4.945	VV	1994903	40071636	12.05%	0.243%
75	4.994	4.945	5.028	VV	2042820	64720136	19.46%	0.392%
76	5.050	5.028	5.058	VV	1857449	24322902	7.31%	0.147%
77	5.083	5.058	5.098	VV	3874585	66393304	19.96%	0.403%
78	5.106	5.098	5.119	VV	2292515	25672608	7.72%	0.156%
79	5.127	5.119	5.144	VV	1983981	23786208	7.15%	0.144%
80	5.160	5.144	5.174	VV	1199717	19808690	5.96%	0.120%
81	5.206	5.174	5.218	VV	2300384	48011695	14.44%	0.291%
82	5.222	5.218	5.239	VV	2217714	26759867	8.05%	0.162%
83	5.262	5.239	5.278	VV	2772040	53312819	16.03%	0.323%
84	5.293	5.278	5.310	VV	2445827	41566066	12.50%	0.252%
85	5.326	5.310	5.350	VV	2122841	45475843	13.67%	0.276%
86	5.354	5.350	5.369	VV	1626299	17711644	5.33%	0.107%
87	5.382	5.369	5.394	VV	1504606	20703708	6.22%	0.126%
88	5.418	5.394	5.425	VV	3416589	45367188	13.64%	0.275%
89	5.440	5.425	5.458	VV	4016341	59433968	17.87%	0.360%

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				rt	Area	Height	Area%	Height%
90	5.475	5.458	5.511	VV	1848491	48143298	14.48%	0.292%
91	5.530	5.511	5.547	VV	1545784	30041477		
92	5.597	5.547	5.649	VV	5179363	148143389	44.48%	0.884%
93	5.708	5.649	5.740	VV	4100890	153971246	46.00%	0.920%
94	5.755	5.740	5.790	VV	3997295	76120307	22.22%	0.444%
95	5.818	5.790	5.845	VV	2406099	61394359	18.18%	0.364%
96	5.869	5.845	5.888	VV	2469210	44835836	13.48%	0.272%
97	5.919	5.888	5.942	VV	3088444	71632824	21.54%	0.434%
98	5.947	5.942	5.961	VV	1796091	19902693	5.98%	0.121%
99	5.992	5.961	6.029	VV	2202880	77872371	23.41%	0.472%
100	6.057	6.029	6.071	VV	2099686	48707396	14.64%	0.295%
101	6.099	6.071	6.123	VV	3419118	79865609	24.01%	0.484%
102	6.147	6.123	6.165	VV	2764869	60814931	18.29%	0.369%
103	6.178	6.165	6.189	VV	2843543	36590124	11.00%	0.222%
104	6.205	6.189	6.222	VV	3040874	55123285	16.57%	0.334%
105	6.237	6.222	6.267	VV	2856626	70614424	21.23%	0.428%
106	6.286	6.267	6.308	VV	3021141	66348373	19.95%	0.402%
107	6.332	6.308	6.373	VV	3345103	111790549	33.61%	0.678%
108	6.381	6.373	6.405	VV	2378389	43584981	13.10%	0.264%
109	6.416	6.405	6.448	VV	2310693	55078893	16.56%	0.334%
110	6.489	6.448	6.500	VV	2279848	64891161	19.51%	0.393%
111	6.507	6.500	6.521	VV	2275855	29311189	8.81%	0.178%
112	6.565	6.521	6.582	VV	4807328	125672592	37.79%	0.762%
113	6.596	6.582	6.650	VV	4245259	117978235	35.47%	0.715%
114	6.685	6.650	6.706	VV	2799675	85172114	25.61%	0.516%
115	6.734	6.706	6.778	VV	4017452	129495627	38.94%	0.785%
116	6.806	6.778	6.845	VV	3571041	113264053	34.06%	0.687%
117	6.869	6.845	6.893	VV	2698232	70947153	21.33%	0.430%
118	6.932	6.893	6.950	VV	3405579	100723880	30.28%	0.611%
119	6.970	6.950	7.003	VV	3527924	93185952	28.02%	0.565%
120	7.030	7.003	7.092	VV	3331525	138095419	41.52%	0.837%
121	7.134	7.092	7.159	VV	7178463	183340222	55.12%	1.112%
122	7.178	7.159	7.201	VV	5292033	104457419	31.41%	0.633%
123	7.221	7.201	7.257	VV	3532377	99425212	29.89%	0.603%
124	7.265	7.257	7.286	VV	2659501	44796573	13.47%	0.272%
125	7.313	7.286	7.365	VV	3274977	132810859	39.93%	0.805%
126	7.392	7.365	7.414	VV	2895093	79361883	23.86%	0.481%
127	7.421	7.414	7.456	VV	2772955	66134159	19.88%	0.401%
128	7.471	7.456	7.486	VV	2621983	45540294	13.69%	0.276%
129	7.514	7.486	7.546	VV	4074593	116124617	34.92%	0.704%
130	7.557	7.546	7.582	VV	2893710	55427354	16.67%	0.336%
131	7.632	7.582	7.638	VV	2716934	78136998	23.49%	0.474%
132	7.675	7.638	7.746	VV	3266928	179337293	53.92%	1.087%
133	7.766	7.746	7.786	VV	2703865	60505367	18.19%	0.367%
134	7.807	7.786	7.830	VV	2545106	65001039	19.54%	0.394%
135	7.849	7.830	7.865	VV	2402634	48939223	14.71%	0.297%
136	7.920	7.865	7.991	VV	3677024	217907662	65.52%	1.321%
137	8.050	7.991	8.116	VV	6559722	307235305	92.38%	1.863%
138	8.186	8.116	8.246	VV	5927642	332591034	100.00%	2.017%
139	8.268	8.246	8.284	VV	3034987	65484661	19.69%	0.397%
140	8.323	8.284	8.355	VV	4127476	144401323	43.42%	0.876%
141	8.391	8.355	8.406	VV	3558530	98701905	29.68%	0.598%

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142	8.425	8.406	8.452	VV	3509891	89389529	26.88%	0.542%
143	8.463	8.452	8.480	VV	2908147	47864016	14.00%	0.542%
144	8.487	8.480	8.537	VV	2863690	88392583	26.00%	0.542%
145	8.542	8.537	8.548	VV	2308390	15351649	4.00%	0.542%
146	8.600	8.548	8.651	VV	3035170	168188034	50.00%	1.650%
147	8.676	8.651	8.698	VV	3260476	82276785	24.00%	1.650%
148	8.773	8.698	8.827	VV	4996591	272127763	81.82%	1.650%
149	8.866	8.827	8.878	VV	3488685	93816924	28.21%	0.569%
150	8.891	8.878	8.956	VV	3510610	144276608	43.38%	0.875%
151	8.989	8.956	8.994	VV	3079758	64491765	19.39%	0.391%
152	9.001	8.994	9.010	VV	3103428	27903656	8.39%	0.169%
153	9.041	9.010	9.048	VV	3404745	74752152	22.48%	0.453%
154	9.049	9.048	9.056	VV	3385404	16660292	5.01%	0.101%
155	9.090	9.056	9.162	VV	3789042	195787520	58.87%	1.187%
156	9.206	9.162	9.215	VV	3128311	88092291	26.49%	0.534%
157	9.227	9.215	9.287	VV	3187500	116742339	35.10%	0.708%
158	9.339	9.287	9.388	VV	3558428	171011522	51.42%	1.037%
159	9.433	9.388	9.466	VV	3103538	127344317	38.29%	0.772%
160	9.501	9.466	9.546	VV	3572752	140953994	42.38%	0.855%
161	9.589	9.546	9.709	VV	2933154	240320822	72.26%	1.457%
162	9.748	9.709	9.755	VV	2452747	62239748	18.71%	0.377%
163	9.788	9.755	9.812	VV	2820815	90372672	27.17%	0.548%
164	9.832	9.812	9.875	VV	2783423	98487048	29.61%	0.597%
165	9.882	9.875	9.897	VV	2422763	31895938	9.59%	0.193%
166	9.928	9.897	9.970	VV	2477188	101357351	30.48%	0.615%
167	10.002	9.970	10.035	VV	2366585	85663271	25.76%	0.519%
168	10.038	10.035	10.058	VV	2127029	28597838	8.60%	0.173%
169	10.065	10.058	10.075	VV	1958556	20172375	6.07%	0.122%
170	10.082	10.075	10.086	VV	1932755	12327584	3.71%	0.075%
171	10.101	10.086	10.123	VV	2017446	43404840	13.05%	0.263%
172	10.156	10.123	10.182	VV	2197324	73713183	22.16%	0.447%
173	10.231	10.182	10.262	VV	3981076	146345974	44.00%	0.887%
174	10.296	10.262	10.321	VV	2746451	91885408	27.63%	0.557%
175	10.358	10.321	10.396	VV	2600235	107491239	32.32%	0.652%
176	10.424	10.396	10.460	VV	2337907	85148527	25.60%	0.516%
177	10.497	10.460	10.523	VV	2424440	85609113	25.74%	0.519%
178	10.556	10.523	10.563	VV	2372411	53933355	16.22%	0.327%
179	10.571	10.563	10.576	VV	2436778	19197187	5.77%	0.116%
180	10.583	10.576	10.605	VV	2458930	41218185	12.39%	0.250%
181	10.659	10.605	10.733	VV	5254093	239914921	72.14%	1.455%
182	10.736	10.733	10.748	VV	1945158	17934289	5.39%	0.109%
183	10.770	10.748	10.780	VV	2086200	37801151	11.37%	0.229%
184	10.821	10.780	10.872	VV	2601870	126193294	37.94%	0.765%
185	10.898	10.872	10.936	VV	2128446	78033827	23.46%	0.473%
186	10.960	10.936	11.003	VV	2287486	82885149	24.92%	0.503%
187	11.008	11.003	11.015	VV	1853526	13324018	4.01%	0.081%
188	11.042	11.015	11.060	VV	1896891	50049752	15.05%	0.303%
189	11.093	11.060	11.099	VV	1877689	43256284	13.01%	0.262%
190	11.124	11.099	11.150	VV	2091955	61185935	18.40%	0.371%
191	11.187	11.150	11.199	VV	2078173	59366297	17.85%	0.360%
192	11.215	11.199	11.250	VV	2169761	62827901	18.89%	0.381%
193	11.267	11.250	11.280	VV	2062197	36434488	10.95%	0.221%
194	11.294	11.280	11.301	VV	2050487	26155006	7.86%	0.159%

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195	11.308	11.301	11.315	VV	2025509	16825823	5.06%	0.102%
196	11.370	11.315	11.446	VV	3672274	194877664	58.17%	0.102%
197	11.472	11.446	11.500	VV	2091878	61411201	18.75%	0.102%
198	11.510	11.500	11.522	VV	1861164	24933415	7.75%	0.102%
199	11.553	11.522	11.559	VV	1915686	40892669	12.75%	0.102%
200	11.568	11.559	11.589	VV	1934498	34429534	10.75%	0.102%
201	11.658	11.589	11.698	VV	2423495	134703981	40.50%	0.817%
202	11.731	11.698	11.748	VV	1844659	52141491	15.68%	0.316%
203	11.776	11.748	11.783	VV	2156392	42399401	12.75%	0.257%
204	11.807	11.783	11.857	VV	2244030	89693061	26.97%	0.544%
205	11.879	11.857	11.890	VV	1713432	32443201	9.75%	0.197%
206	11.925	11.890	11.952	VV	2372616	75370187	22.66%	0.457%
207	11.964	11.952	11.999	VV	1882419	49253610	14.81%	0.299%
208	12.024	11.999	12.030	VV	1751690	31111025	9.35%	0.189%
209	12.042	12.030	12.056	VV	1758250	27162058	8.17%	0.165%
210	12.070	12.056	12.111	VV	1756697	54332535	16.34%	0.329%
211	12.139	12.111	12.144	VV	1796465	33328364	10.02%	0.202%
212	12.171	12.144	12.225	VV	1898526	84347918	25.36%	0.511%
213	12.247	12.225	12.267	VV	1700463	40504188	12.18%	0.246%
214	12.284	12.267	12.292	VV	1617896	23569783	7.09%	0.143%
215	12.310	12.292	12.345	VV	1679791	52477213	15.78%	0.318%
216	12.353	12.345	12.359	VV	1622312	13446276	4.04%	0.082%
217	12.369	12.359	12.375	VV	1669164	14866306	4.47%	0.090%
218	12.376	12.375	12.393	VV	1655256	17542475	5.27%	0.106%
219	12.420	12.393	12.473	VV	1960373	82151341	24.70%	0.498%
220	12.540	12.473	12.559	VV	2282701	96934096	29.15%	0.588%
221	12.577	12.559	12.623	VV	2115634	71012516	21.35%	0.431%
222	12.648	12.623	12.711	VV	1766437	81882266	24.62%	0.496%
223	12.725	12.711	12.751	VV	1479118	34170035	10.27%	0.207%
224	12.767	12.751	12.790	VV	1477426	32762805	9.85%	0.199%
225	12.794	12.790	12.818	VV	1348106	22395130	6.73%	0.136%
226	12.828	12.818	12.844	VV	1365967	21109086	6.35%	0.128%
227	12.850	12.844	12.866	VV	1352613	17502154	5.26%	0.106%
228	12.899	12.866	12.916	VV	1405712	40711408	12.24%	0.247%
229	12.940	12.916	12.980	VV	1605000	53115078	15.97%	0.322%
230	13.002	12.980	13.015	VV	1322997	27093046	8.15%	0.164%
231	13.033	13.015	13.044	VV	1313213	22194851	6.67%	0.135%
232	13.075	13.044	13.107	VV	1703474	56760502	17.07%	0.344%
233	13.115	13.107	13.142	VV	1414167	27908970	8.39%	0.169%
234	13.148	13.142	13.177	VV	1330524	26088395	7.84%	0.158%
235	13.230	13.177	13.250	VV	1481433	56630322	17.03%	0.343%
236	13.281	13.250	13.306	VV	1621858	46906285	14.10%	0.284%
237	13.340	13.306	13.345	VV	1296258	28127992	8.46%	0.171%
238	13.348	13.345	13.351	VV	1278589	4621927	1.39%	0.028%
239	13.372	13.351	13.390	VV	1356650	30233661	9.09%	0.183%
240	13.409	13.390	13.453	VV	1348317	45611639	13.71%	0.277%
241	13.456	13.453	13.478	VV	1156672	17000305	5.11%	0.103%
242	13.496	13.478	13.505	VV	1183603	18444003	5.55%	0.112%
243	13.526	13.505	13.556	VV	1268173	36241826	10.90%	0.220%
244	13.562	13.556	13.587	VV	1052227	19020569	5.72%	0.115%
245	13.597	13.587	13.602	VV	1010045	9295884	2.79%	0.056%
246	13.631	13.602	13.655	VV	1162625	33681957	10.13%	0.204%

Instrument :

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Manual IntegrationsAPPROVED

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rteres									
247	13.678	13.655	13.747	VV	1362439	62973645	18.93%	0.382%	
248	13.762	13.747	13.766	VV	1071889	11989317			
249	13.773	13.766	13.778	VV	1075337	7314721			
250	13.803	13.778	13.829	VV	1235472	35763548	10.32%	0.382%	
251	13.846	13.829	13.868	VV	1135130	24095128	7.98%	0.161%	
252	13.874	13.868	13.879	VV	975026	6722647	2.22%	0.108%	
253	13.899	13.879	13.925	VV	985578	26527295	7.98%	0.161%	
254	13.931	13.925	13.960	VV	909609	17734248	5.33%	0.108%	
255	14.003	13.960	14.030	VV	1060439	40866378	12.29%	0.248%	
256	14.037	14.030	14.051	VV	864658	10727151	3.23%	0.065%	
257	14.066	14.051	14.114	VV	943228	33696906	10.13%	0.204%	
258	14.143	14.114	14.169	VV	1002705	30420155	9.15%	0.184%	
259	14.184	14.169	14.195	VV	864433	13263386	3.99%	0.080%	
260	14.233	14.195	14.240	VV	964917	24451808	7.35%	0.148%	
261	14.244	14.240	14.296	VV	958633	29440271	8.85%	0.178%	
262	14.300	14.296	14.306	VV	803710	4760333	1.43%	0.029%	
263	14.344	14.306	14.353	VV	890721	23670375	7.12%	0.144%	
264	14.364	14.353	14.374	VV	921848	11156227	3.35%	0.068%	
265	14.383	14.374	14.418	VV	882231	22366934	6.73%	0.136%	
266	14.443	14.418	14.448	VV	933718	15715587	4.73%	0.095%	
267	14.463	14.448	14.488	VV	1018821	22542345	6.78%	0.137%	
268	14.501	14.488	14.519	VV	898623	16009521	4.81%	0.097%	
269	14.534	14.519	14.553	VV	833815	15708317	4.72%	0.095%	
270	14.560	14.553	14.570	VV	766273	7630071	2.29%	0.046%	
271	14.574	14.570	14.578	VV	733517	3707239	1.11%	0.022%	
272	14.625	14.578	14.647	VV	806473	31830778	9.57%	0.193%	
273	14.664	14.647	14.719	VV	814432	31412284	9.44%	0.190%	
274	14.734	14.719	14.751	VV	688613	12868040	3.87%	0.078%	
275	14.766	14.751	14.775	VV	714035	10402188	3.13%	0.063%	
276	14.806	14.775	14.828	VV	808473	23301989	7.01%	0.141%	
277	14.850	14.828	14.863	VV	794895	15198654	4.57%	0.092%	
278	14.874	14.863	14.893	VV	780724	13591767	4.09%	0.082%	
279	14.898	14.893	14.910	VV	731379	7115269	2.14%	0.043%	
280	14.929	14.910	14.938	VV	695117	11661360	3.51%	0.071%	
281	14.961	14.938	14.974	VV	736436	15410485	4.63%	0.093%	
282	15.010	14.974	15.041	VV	806818	29057829	8.74%	0.176%	
283	15.044	15.041	15.050	VV	674878	3353399	1.01%	0.020%	
284	15.054	15.050	15.067	VV	668080	6986339	2.10%	0.042%	
285	15.074	15.067	15.089	VV	659604	8293572	2.49%	0.050%	
286	15.119	15.089	15.176	VV	819938	36173575	10.88%	0.219%	
287	15.183	15.176	15.191	VV	614372	5480015	1.65%	0.033%	
288	15.211	15.191	15.222	VV	629760	11452854	3.44%	0.069%	
289	15.228	15.222	15.240	VV	630606	6805696	2.05%	0.041%	
290	15.257	15.240	15.293	VV	687798	20434755	6.14%	0.124%	
291	15.302	15.293	15.311	VV	618336	6809616	2.05%	0.041%	
292	15.317	15.311	15.346	VV	613074	12128317	3.65%	0.074%	
293	15.355	15.346	15.375	VV	564642	9741729	2.93%	0.059%	
294	15.432	15.375	15.448	VV	683789	27314452	8.21%	0.166%	
295	15.484	15.448	15.505	VV	875497	24389573	7.33%	0.148%	
296	15.520	15.505	15.566	VV	706052	21844301	6.57%	0.132%	
297	15.607	15.566	15.624	VV	596085	19507101	5.87%	0.118%	
298	15.642	15.624	15.673	VV	676322	18232685	5.48%	0.111%	
299	15.712	15.673	15.733	VV	632972	21009160	6.32%	0.127%	

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300	15.742	15.733	15.748	VV	550194	4859372	1.46%	0.029%
301	15.754	15.748	15.761	VV	542101	4367649		
302	15.775	15.761	15.820	VV	559775	18734952		
303	15.825	15.820	15.829	VV	508152	2633515		
304	15.857	15.829	15.870	VV	526880	12759279		
305	15.895	15.870	15.919	VV	614239	16638712		
306	15.930	15.919	15.966	VV	553960	14651145	4.41%	0.089%
307	15.975	15.966	15.981	VV	492464	4184461	1.26%	0.025%
308	15.986	15.981	15.994	VV	483815	3749816	1.13%	0.023%
309	16.001	15.994	16.025	VV	485625	8858486	2.66%	0.054%
310	16.033	16.025	16.040	VV	469104	4105108	1.23%	0.025%
311	16.081	16.040	16.102	VV	632115	20263941	6.09%	0.123%
312	16.120	16.102	16.136	VV	588857	11061216	3.33%	0.067%
313	16.141	16.136	16.162	VV	532851	8431361	2.54%	0.051%
314	16.183	16.162	16.204	VV	561208	13672672	4.11%	0.083%
315	16.218	16.204	16.263	VV	551311	18476882	5.56%	0.112%
316	16.277	16.263	16.309	VV	556256	13921921	4.19%	0.084%
317	16.361	16.309	16.405	VV	526626	27330892	8.22%	0.166%
318	16.418	16.405	16.458	VV	443618	13720821	4.13%	0.083%
319	16.487	16.458	16.505	VV	443571	12130656	3.65%	0.074%
320	16.511	16.505	16.521	VV	428262	4300925	1.29%	0.026%
321	16.529	16.521	16.533	VV	433675	3055548	0.92%	0.019%
322	16.551	16.533	16.565	VV	455159	8323326	2.50%	0.050%
323	16.571	16.565	16.577	VV	443725	3100826	0.93%	0.019%
324	16.601	16.577	16.626	VV	477656	13296581	4.00%	0.081%
325	16.643	16.626	16.659	VV	468667	9006738	2.71%	0.055%
326	16.686	16.659	16.713	VV	518049	15265810	4.59%	0.093%
327	16.737	16.713	16.775	VV	470482	15906761	4.78%	0.096%
328	16.796	16.775	16.802	VV	426886	6669787	2.01%	0.040%
329	16.806	16.802	16.814	VV	418991	2980474	0.90%	0.018%
330	16.847	16.814	16.910	VV	515696	25254750	7.59%	0.153%
331	16.934	16.910	16.946	VV	404154	8525559	2.56%	0.052%
332	16.973	16.946	16.983	VV	413760	9075910	2.73%	0.055%
333	16.991	16.983	17.000	VV	403734	3938594	1.18%	0.024%
334	17.007	17.000	17.030	VV	401447	7025516	2.11%	0.043%
335	17.054	17.030	17.064	VV	405536	7882947	2.37%	0.048%
336	17.072	17.064	17.085	VV	422752	5044917	1.52%	0.031%
337	17.089	17.085	17.125	VV	410993	9255164	2.78%	0.056%
338	17.151	17.125	17.173	VV	394009	10675573	3.21%	0.065%
339	17.179	17.173	17.195	VV	353266	4647629	1.40%	0.028%
340	17.248	17.195	17.260	VV	433260	14800333	4.45%	0.090%
341	17.265	17.260	17.294	VV	412098	7897391	2.37%	0.048%
342	17.305	17.294	17.312	VV	357927	3651745	1.10%	0.022%
343	17.320	17.312	17.324	VV	370105	2713880	0.82%	0.016%
344	17.330	17.324	17.343	VV	376634	4051450	1.22%	0.025%
345	17.347	17.343	17.371	VV	354070	5911111	1.78%	0.036%
346	17.408	17.371	17.447	VV	395610	16320569	4.91%	0.099%
347	17.457	17.447	17.466	VV	342432	3853559	1.16%	0.023%
348	17.471	17.466	17.482	VV	331013	3016420	0.91%	0.018%
349	17.492	17.482	17.501	VV	324016	3657370	1.10%	0.022%
350	17.515	17.501	17.532	VV	322357	5812538	1.75%	0.035%
351	17.552	17.532	17.564	VV	315713	5838704	1.76%	0.035%

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					rters				
352	17.585	17.564	17.600	VV	322724	6485697	1.95%	0.039%	
353	17.625	17.600	17.633	VV	318418	6157820			
354	17.645	17.633	17.649	VV	325075	3151277			
355	17.657	17.649	17.665	VV	333891	2964353			
356	17.671	17.665	17.684	VV	326639	3797324			
357	17.703	17.684	17.710	VV	343766	5156060			
358	17.728	17.710	17.753	VV	415305	8961690	2.69%	0.054%	
359	17.767	17.753	17.771	VV	309990	3248593	0.98%	0.020%	
360	17.785	17.771	17.794	VV	327188	4494047	1.35%	0.027%	
361	17.801	17.794	17.825	VV	324137	5480343	1.65%	0.033%	
362	17.841	17.825	17.846	VV	298623	3589324	1.08%	0.022%	
363	17.866	17.846	17.887	VV	332309	7784720	2.34%	0.047%	
364	17.895	17.887	17.903	VV	314146	2942660	0.88%	0.018%	
365	17.906	17.903	17.929	VV	310307	4453579	1.34%	0.027%	
366	17.951	17.929	17.962	VV	291893	5772552	1.74%	0.035%	
367	17.970	17.962	17.988	VV	301281	4323467	1.30%	0.026%	
368	18.010	17.988	18.016	VV	299659	4789216	1.44%	0.029%	
369	18.019	18.016	18.034	VV	294178	3039916	0.91%	0.018%	
370	18.043	18.034	18.052	VV	272312	2886019	0.87%	0.017%	
371	18.074	18.052	18.080	VV	284038	4510168	1.36%	0.027%	
372	18.096	18.080	18.127	VV	302589	8136300	2.45%	0.049%	
373	18.133	18.127	18.146	VV	265392	2960181	0.89%	0.018%	
374	18.153	18.146	18.176	VV	268832	4454831	1.34%	0.027%	
375	18.193	18.176	18.213	VV	256343	5513713	1.66%	0.033%	
376	18.237	18.213	18.261	VV	320612	8138552	2.45%	0.049%	
377	18.284	18.261	18.306	VV	268398	6863769	2.06%	0.042%	
378	18.311	18.306	18.324	VV	237506	2461054	0.74%	0.015%	
379	18.329	18.324	18.334	VV	234274	1421368	0.43%	0.009%	
380	18.360	18.334	18.368	VV	269176	5073226	1.53%	0.031%	
381	18.371	18.368	18.395	VV	266394	3990128	1.20%	0.024%	
382	18.403	18.395	18.408	VV	240811	1908551	0.57%	0.012%	
383	18.430	18.408	18.435	VV	243631	3811062	1.15%	0.023%	
384	18.444	18.435	18.472	VV	248326	5276716	1.59%	0.032%	
385	18.483	18.472	18.498	VV	237622	3629333	1.09%	0.022%	
386	18.506	18.498	18.526	VV	237485	3814515	1.15%	0.023%	
387	18.564	18.526	18.588	VV	307024	9488760	2.85%	0.058%	
388	18.597	18.588	18.612	VV	221482	3004050	0.90%	0.018%	
389	18.622	18.612	18.626	VV	205931	1751450	0.53%	0.011%	
390	18.663	18.626	18.681	VV	241409	7379927	2.22%	0.045%	
391	18.711	18.681	18.725	VV	235239	5742479	1.73%	0.035%	
392	18.742	18.725	18.754	VV	225277	3861582	1.16%	0.023%	
393	18.759	18.754	18.764	VV	210976	1264909	0.38%	0.008%	
394	18.769	18.764	18.778	VV	211409	1666021	0.50%	0.010%	
395	18.796	18.778	18.811	VV	222319	4198016	1.26%	0.025%	
396	18.822	18.811	18.843	VV	220327	4083388	1.23%	0.025%	
397	18.851	18.843	18.861	VV	219054	2261819	0.68%	0.014%	
398	18.877	18.861	18.889	VV	219990	3577593	1.08%	0.022%	
399	18.894	18.889	18.902	VV	212704	1695091	0.51%	0.010%	
400	18.912	18.902	18.916	VV	205279	1647170	0.50%	0.010%	
401	18.921	18.916	18.938	VV	211411	2764880	0.83%	0.017%	
402	18.955	18.938	18.966	VV	210276	3374170	1.01%	0.020%	
403	18.972	18.966	18.986	VV	212097	2566961	0.77%	0.016%	
404	18.990	18.986	19.012	VV	210404	3150373	0.95%	0.019%	

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405	19.050	19.012	19.104	VV	211325	10653911		
406	19.143	19.104	19.153	VV	205550	5699342		
407	19.157	19.153	19.190	VV	208257	4291708		
408	19.193	19.190	19.198	VV	182171	900709		
409	19.208	19.198	19.218	VV	185191	2220397		
410	19.227	19.218	19.233	VV	187436	1593192		
411	19.249	19.233	19.255	VV	188784	2444677	0.74%	0.015%
412	19.258	19.255	19.263	VV	185056	871897	0.26%	0.005%
413	19.301	19.263	19.307	VV	187754	4841641	1.46%	0.029%
414	19.318	19.307	19.323	VV	191229	1803393	0.54%	0.011%
415	19.351	19.323	19.428	VV	261143	13347031	4.01%	0.081%
416	19.437	19.428	19.441	VV	180910	1443302	0.43%	0.009%
417	19.456	19.441	19.478	VV	188454	4015142	1.21%	0.024%
418	19.481	19.478	19.487	VV	182813	942066	0.28%	0.006%
419	19.516	19.487	19.530	VV	194420	4917217	1.48%	0.030%
420	19.544	19.530	19.559	VV	200526	3226586	0.97%	0.020%
421	19.572	19.559	19.603	VV	188803	4830849	1.45%	0.029%
422	19.626	19.603	19.640	VV	189470	4047064	1.22%	0.025%
423	19.642	19.640	19.656	VV	180695	1735320	0.52%	0.011%
424	19.668	19.656	19.675	VV	180275	2004194	0.60%	0.012%
425	19.687	19.675	19.715	VV	189777	4298988	1.29%	0.026%
426	19.724	19.715	19.733	VV	184939	1972959	0.59%	0.012%
427	19.749	19.733	19.810	VV	197792	8503049	2.56%	0.052%
428	19.814	19.810	19.823	VV	168739	1258568	0.38%	0.008%
429	19.847	19.823	19.851	VV	176682	2884958	0.87%	0.017%
430	19.857	19.851	19.864	VV	179229	1452331	0.44%	0.009%
431	19.888	19.864	19.911	VV	189159	5036521	1.51%	0.031%
432	19.917	19.911	19.935	VV	177335	2488512	0.75%	0.015%
433	19.947	19.935	19.954	VV	183534	2101557	0.63%	0.013%
434	19.963	19.954	19.968	VV	188599	1460790	0.44%	0.009%
435	19.974	19.968	19.985	VV	190243	1886960	0.57%	0.011%
436	19.987	19.985	19.995	VV	183333	1118155	0.34%	0.007%
437	20.002	19.995	20.025	VV	182039	3149072	0.95%	0.019%
438	20.028	20.025	20.032	VV	174591	790036	0.24%	0.005%
439	20.044	20.032	20.057	VV	182912	2633987	0.79%	0.016%
440	20.088	20.057	20.123	VV	218759	7421791	2.23%	0.045%
441	20.148	20.123	20.171	VV	176823	4922987	1.48%	0.030%
442	20.182	20.171	20.210	VV	177920	3960530	1.19%	0.024%
443	20.233	20.210	20.239	VV	192174	3164800	0.95%	0.019%
444	20.247	20.239	20.256	VV	193830	1960237	0.59%	0.012%
445	20.262	20.256	20.271	VV	192402	1687925	0.51%	0.010%
446	20.285	20.271	20.290	VV	189799	2085369	0.63%	0.013%
447	20.294	20.290	20.300	VV	190981	1180174	0.35%	0.007%
448	20.305	20.300	20.323	VV	178220	2421126	0.73%	0.015%
449	20.330	20.323	20.336	VV	180362	1324858	0.40%	0.008%
450	20.344	20.336	20.360	VV	185906	2543344	0.76%	0.015%
451	20.373	20.360	20.395	VV	183823	3645923	1.10%	0.022%
452	20.402	20.395	20.413	VV	173289	1763883	0.53%	0.011%
453	20.424	20.413	20.445	VV	165094	2990904	0.90%	0.018%
454	20.456	20.445	20.476	VV	162746	2891435	0.87%	0.018%
455	20.485	20.476	20.490	VV	159169	1280241	0.38%	0.008%
456	20.500	20.490	20.516	VV	158191	2425601	0.73%	0.015%

Instrument :

FID_G

ClientSampleId :

WC-8-9-2-1MSD

3.20% 0.065%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/05/2022

Supervised By :mohammad ahmed 04/06/2022

rteres								
457	20.527	20.516	20.531	VV	157256	1399418	0.42%	0.008%
458	20.541	20.531	20.555	VV	161562	2208297		
459	20.561	20.555	20.572	VV	165292	1654595		
460	20.579	20.572	20.585	VV	158178	1223129		
461	20.589	20.585	20.616	VV	156596	2636140		
462	20.620	20.616	20.628	VV	136351	932962		
463	20.633	20.628	20.638	VV	132818	765256	0.23%	0.005%
464	20.645	20.638	20.650	VV	134838	1002312	0.30%	0.006%
465	20.663	20.650	20.683	VV	133226	2525635	0.76%	0.015%
466	20.691	20.683	20.707	VV	126544	1800735	0.54%	0.011%
467	20.722	20.707	20.752	VV	128615	3186258	0.96%	0.019%
468	20.773	20.752	20.785	VV	121119	2291250	0.69%	0.014%
469	20.789	20.785	20.803	VV	116991	1222461	0.37%	0.007%
470	20.828	20.803	20.871	VV	155323	5031677	1.51%	0.031%
471	20.883	20.871	20.893	VV	103138	1339211	0.40%	0.008%
472	20.900	20.893	20.932	VV	100912	2224308	0.67%	0.013%
473	20.957	20.932	20.978	VV	91892	2318531	0.70%	0.014%
474	20.990	20.978	21.016	VV	86547	1950213	0.59%	0.012%
475	21.022	21.016	21.043	VV	85635	1258587	0.38%	0.008%
476	21.071	21.043	21.084	VV	80338	1924252	0.58%	0.012%
477	21.092	21.084	21.099	VV	78780	661586	0.20%	0.004%
478	21.105	21.099	21.126	VV	79326	1209742	0.36%	0.007%
479	21.140	21.126	21.166	VV	69244	1577558	0.47%	0.010%
480	21.175	21.166	21.203	VV	60497	1245082	0.37%	0.008%
481	21.209	21.203	21.227	VV	57877	757359	0.23%	0.005%
482	21.255	21.227	21.260	VV	57049	1036839	0.31%	0.006%
483	21.263	21.260	21.274	VV	54342	435708	0.13%	0.003%
484	21.280	21.274	21.288	VV	56830	463107	0.14%	0.003%
485	21.294	21.288	21.300	VV	55267	371790	0.11%	0.002%
486	21.304	21.300	21.313	VV	54726	431622	0.13%	0.003%
487	21.329	21.313	21.338	VV	59725	850577	0.26%	0.005%
488	21.342	21.338	21.356	VV	55800	599651	0.18%	0.004%
489	21.365	21.356	21.376	VV	56892	633189	0.19%	0.004%
490	21.382	21.376	21.396	VV	51078	565195	0.17%	0.003%
491	21.418	21.396	21.435	VV	50506	1091905	0.33%	0.007%
492	21.444	21.435	21.448	VV	48050	368298	0.11%	0.002%
493	21.452	21.448	21.481	VV	45702	841500	0.25%	0.005%
494	21.486	21.481	21.490	VV	35994	176548	0.05%	0.001%
495	21.498	21.490	21.517	VV	38175	566004	0.17%	0.003%
496	21.524	21.517	21.530	VV	31606	227707	0.07%	0.001%
497	21.535	21.530	21.555	VV	30787	405264	0.12%	0.002%
498	21.561	21.555	21.602	VV	25012	502152	0.15%	0.003%
499	21.610	21.602	21.642	VV	11523	146582	0.04%	0.001%
500	21.657	21.642	21.662	PV	5911	47103	0.01%	0.000%
501	21.671	21.662	21.684	VV	10760	97553	0.03%	0.001%
502	21.696	21.684	21.705	VV	14438	116199	0.03%	0.001%
503	21.758	21.705	21.801	VBA	38739	1296435	0.39%	0.008%

Sum of corrected areas: 16493330667

Instrument :

FID_G

ClientSampleId :

WC-8-9-2-1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/05/2022

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